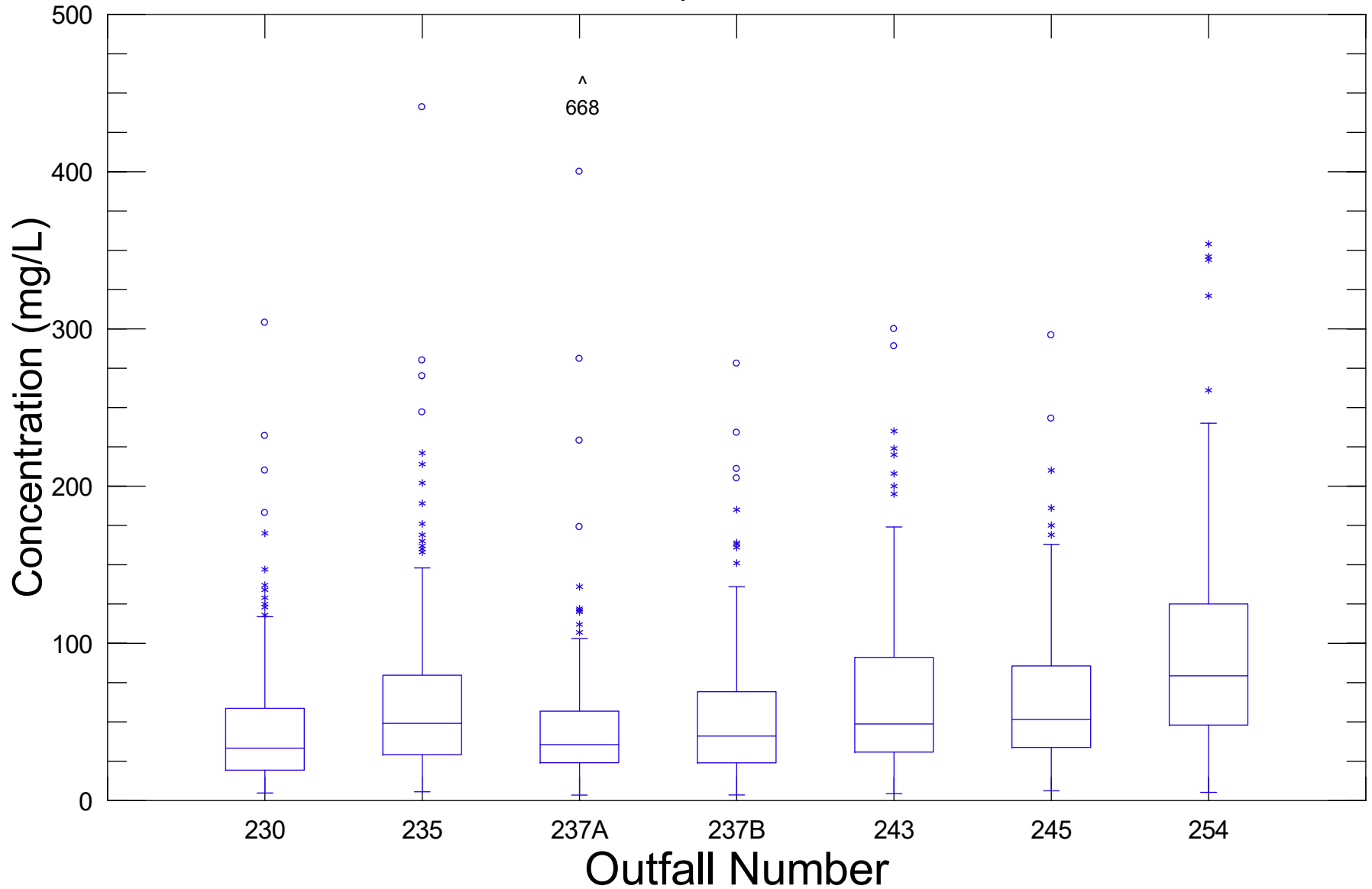


**Figure F-1**  
**Total Suspended Solids (TSS) Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

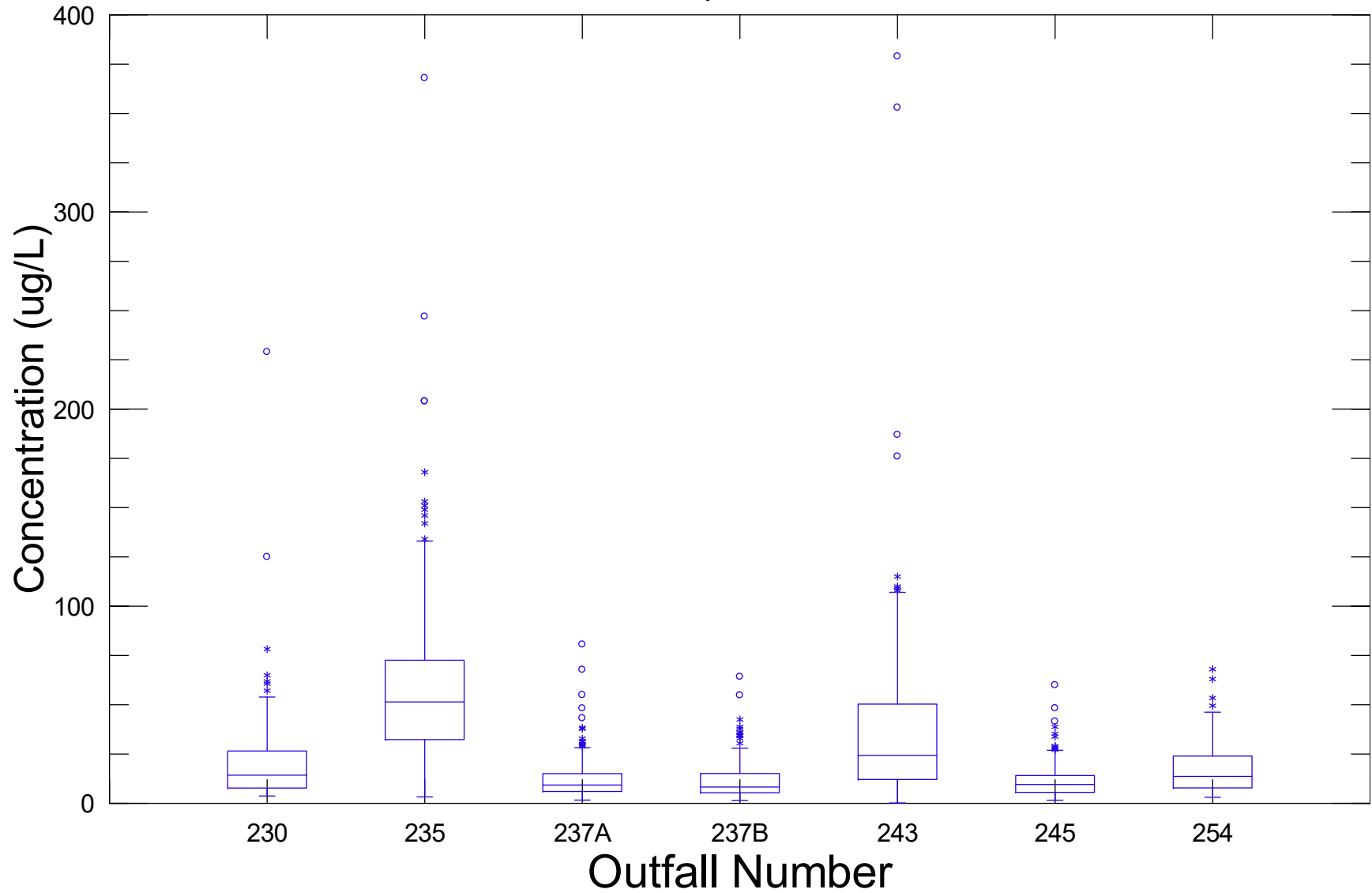


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-2**  
**Total Lead Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

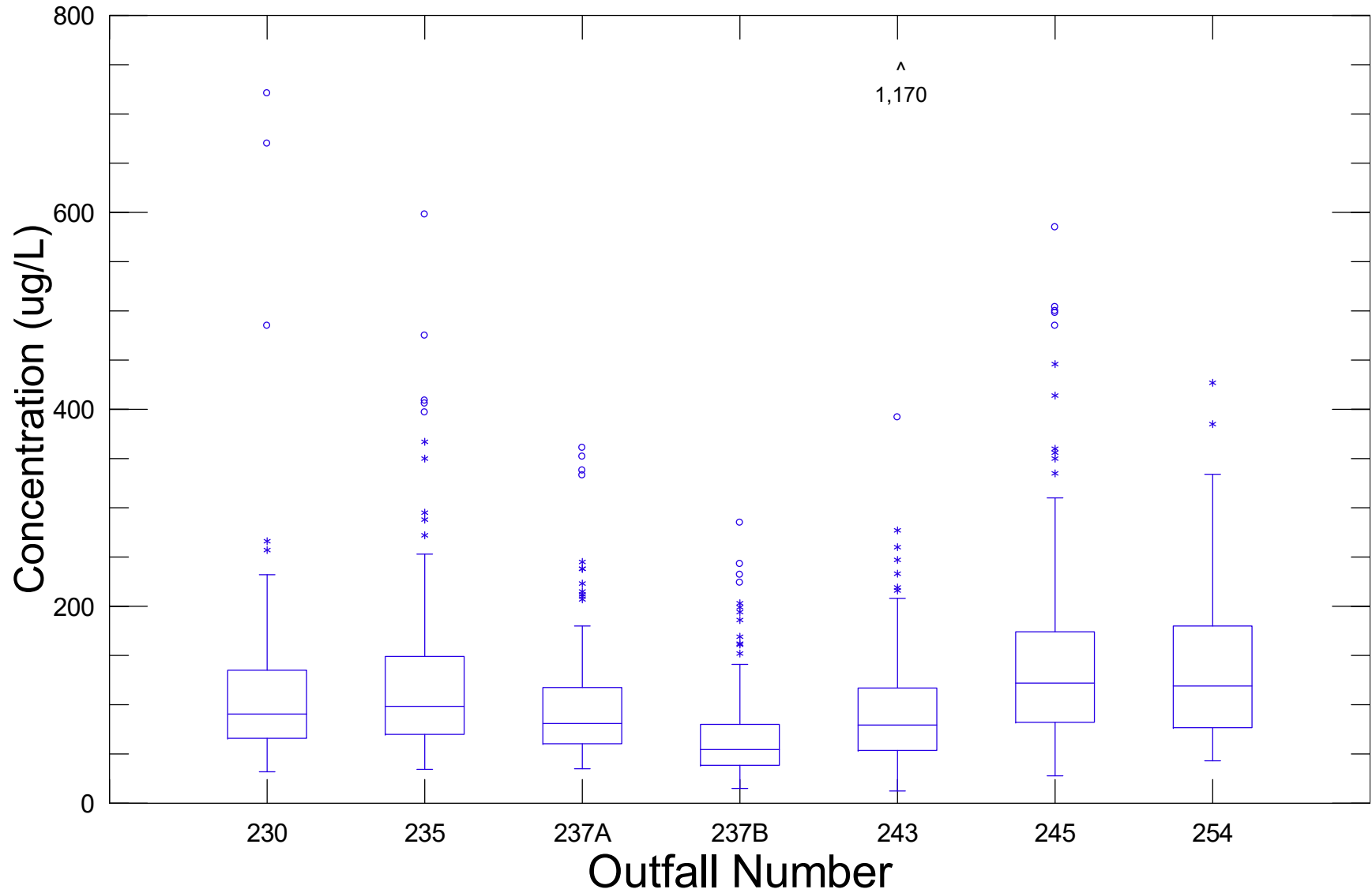


— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-3**  
**Total Zinc Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

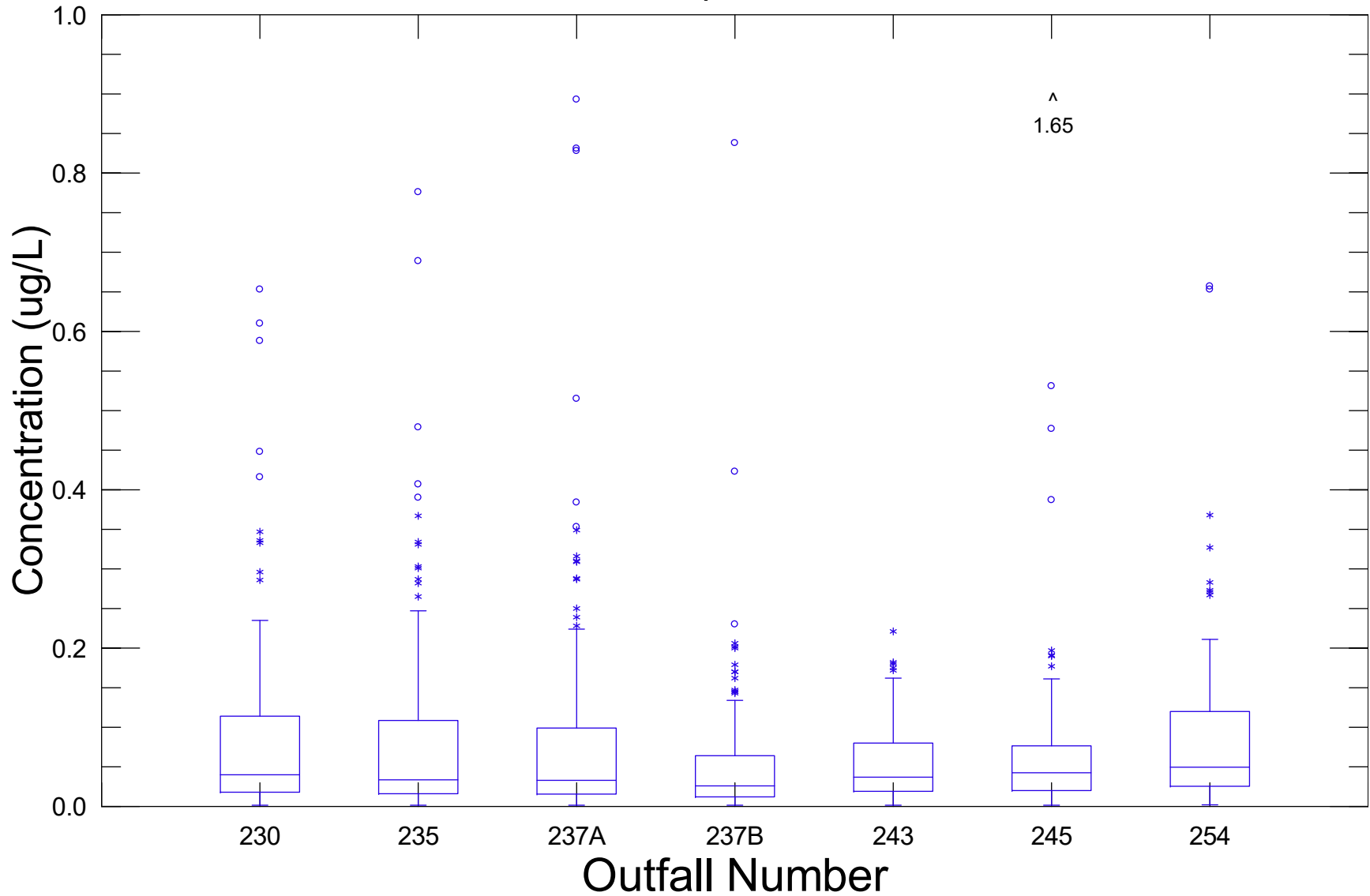


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-4**  
**Phenanthrene Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

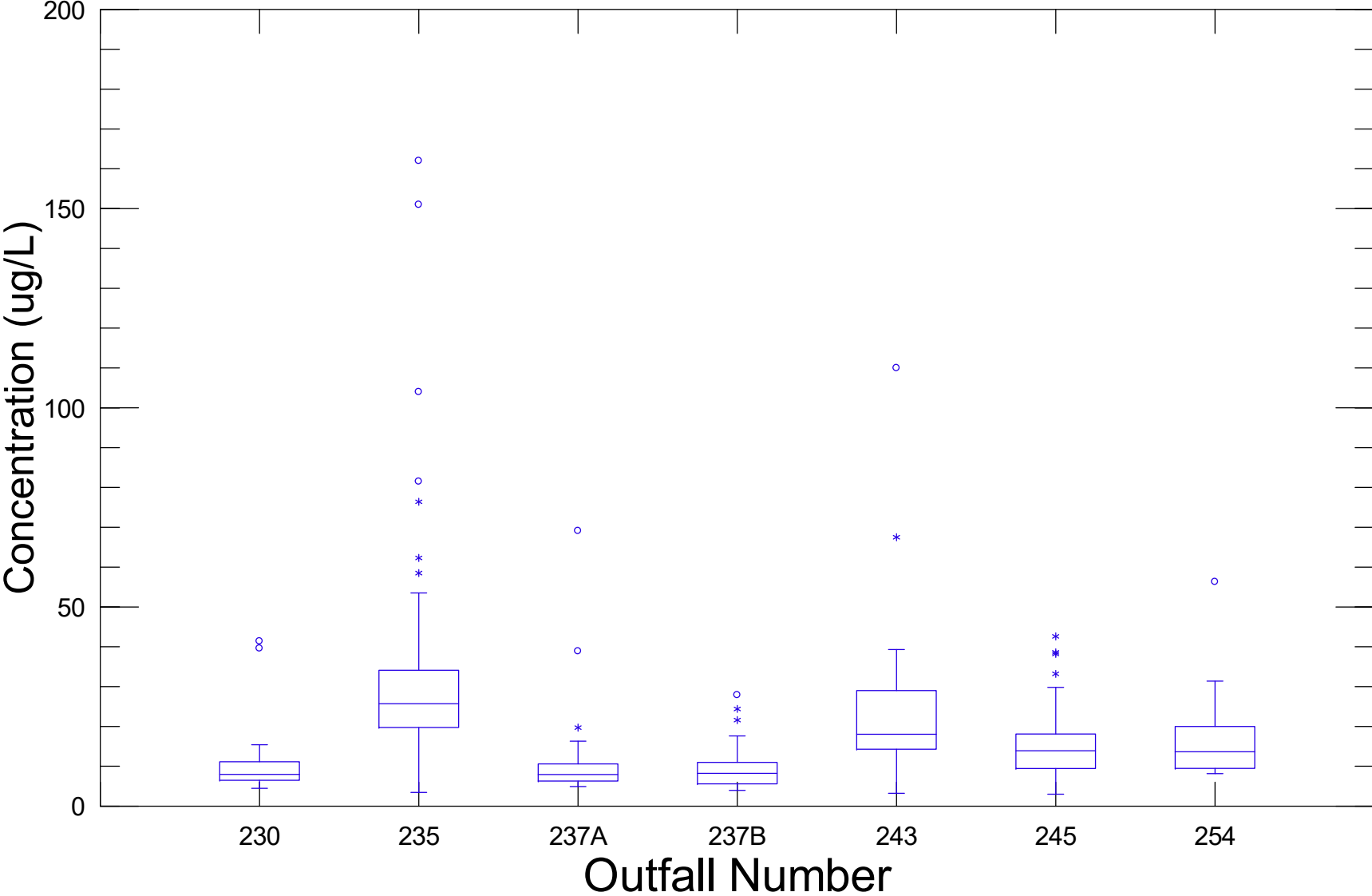


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

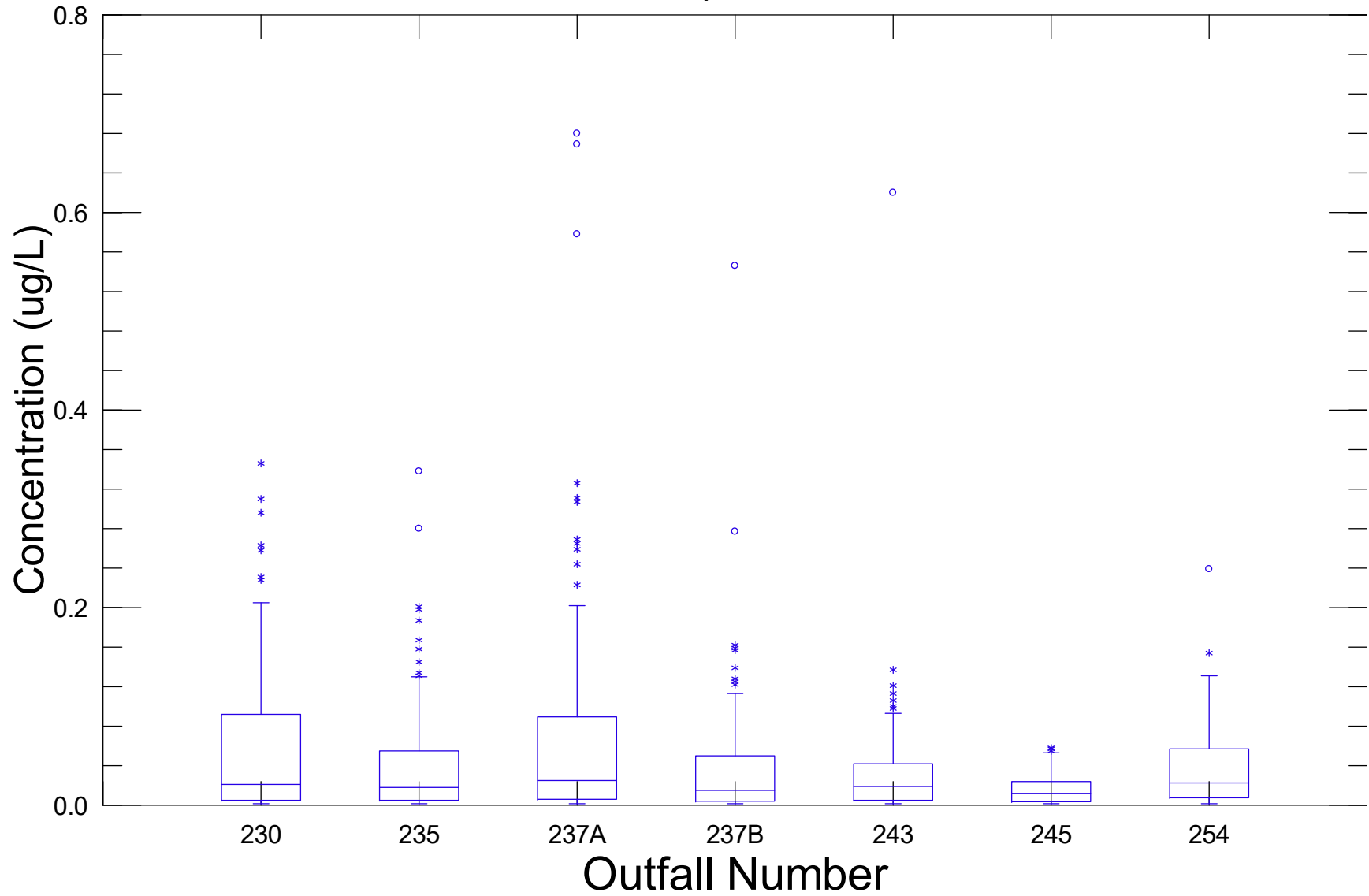
**Figure F-5  
Copper Drain-by-Drain Comparison in Stormwater  
October 2001-September 2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-6**  
**Indeno(1,2,3-cd)pyrene Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

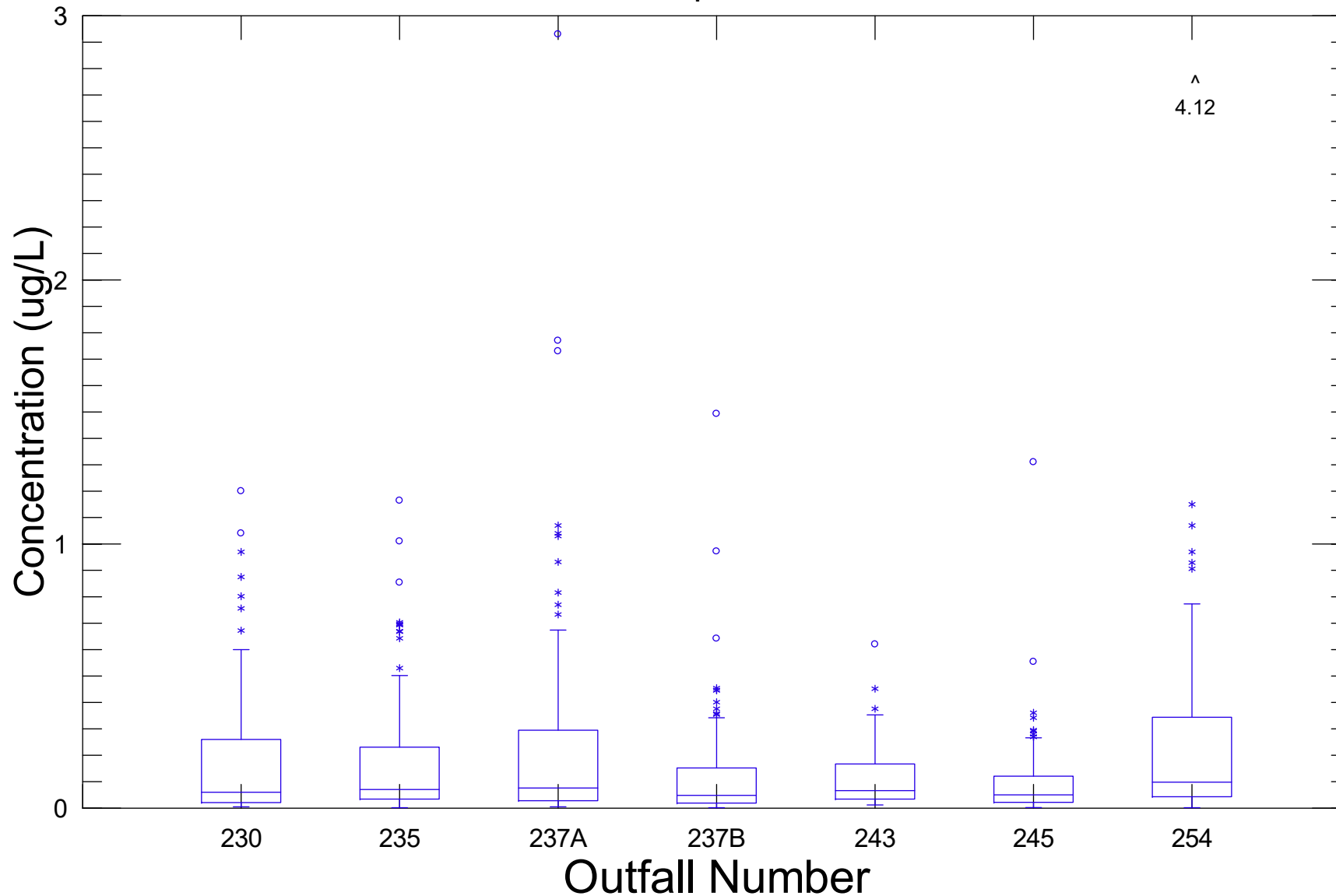


— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

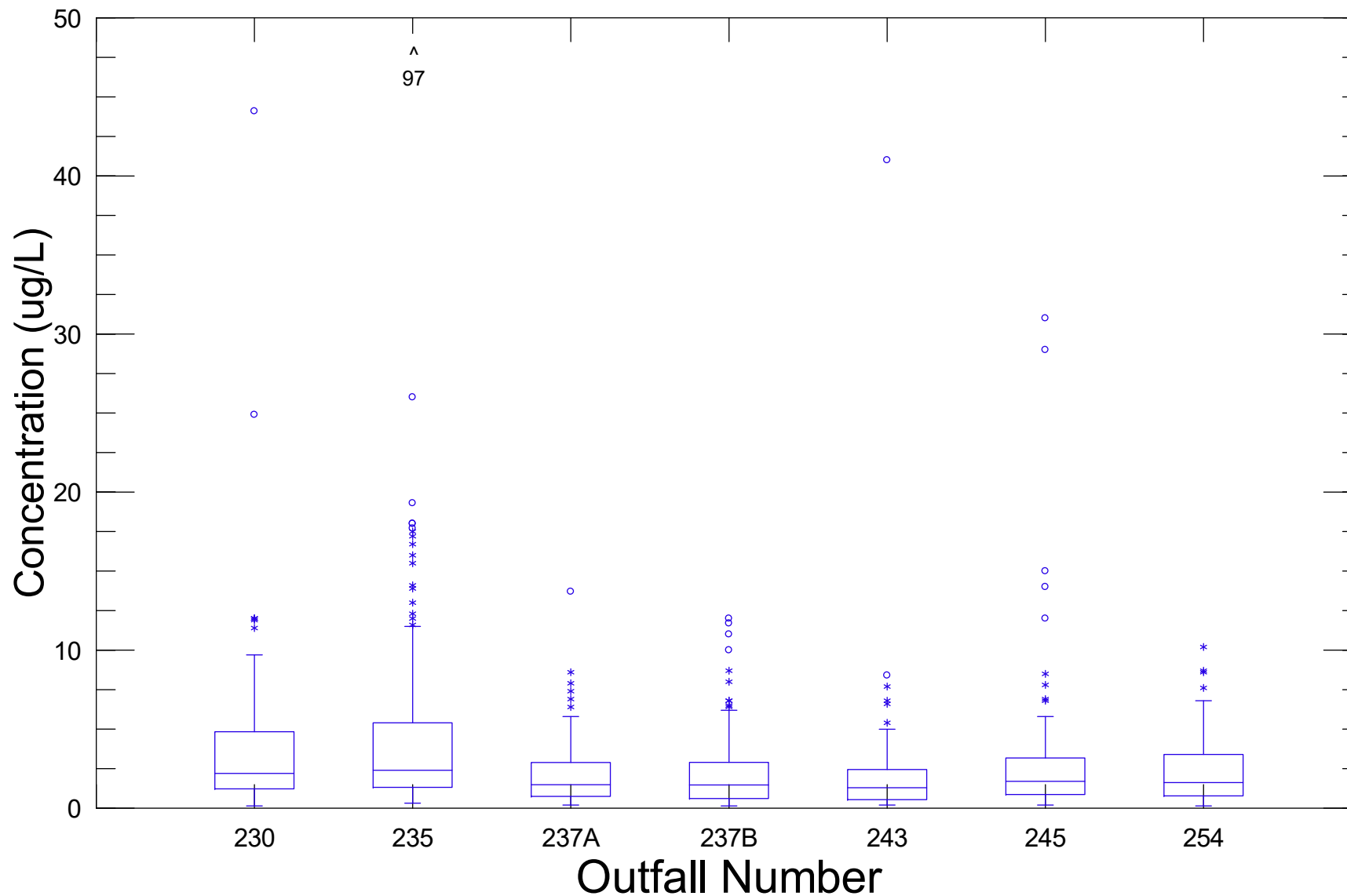
**Figure F-7**  
**Pyrene Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-8**  
**Di(2-ethylhexyl)phthalate (DEHP) Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**

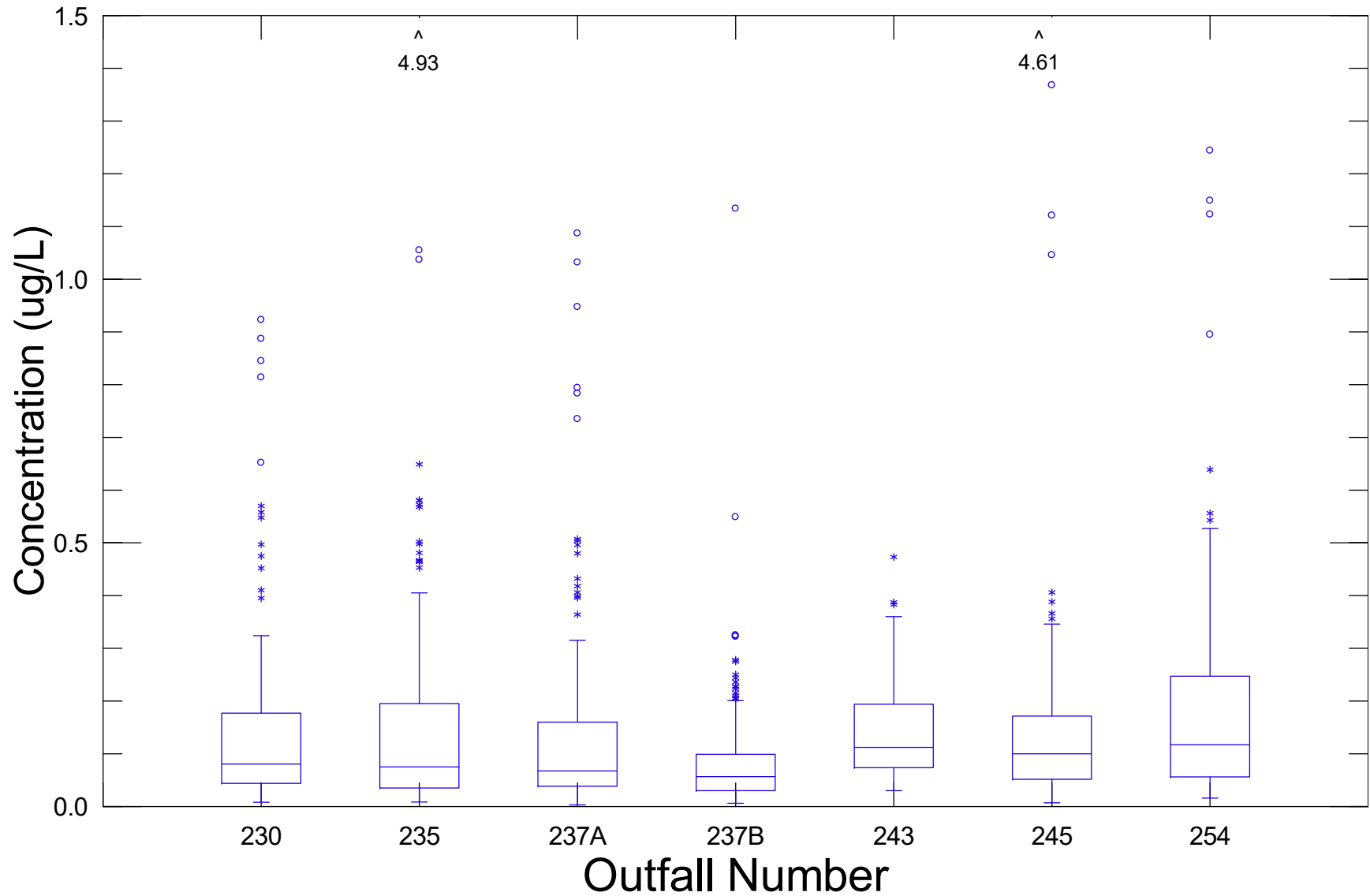


— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.



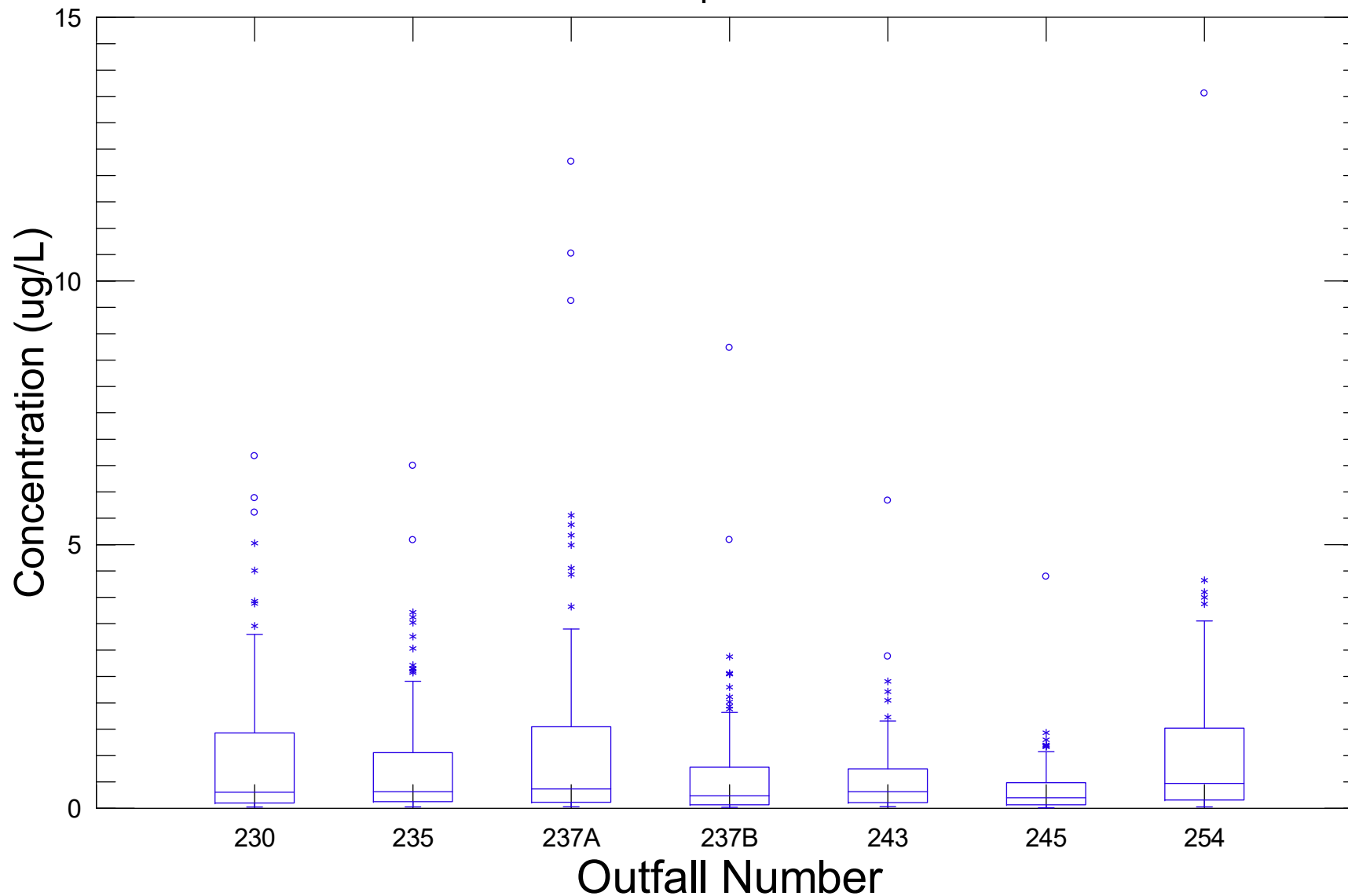
**Figure F-9**  
**Total LPAHs Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

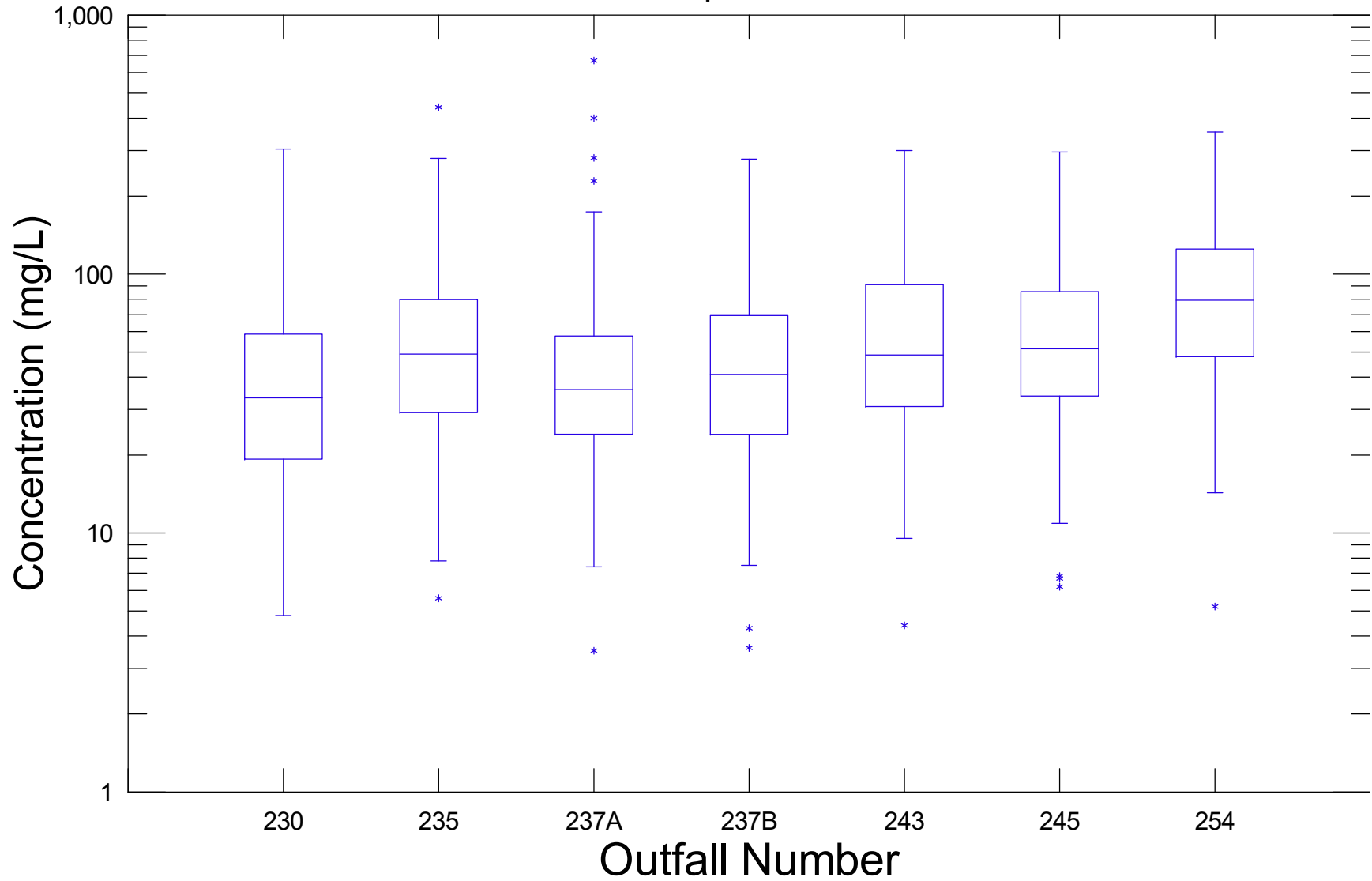
**Figure F-10**  
**Total HPAHs Drain-by-Drain Comparison in Stormwater**  
**October 2001-September 2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-11**  
**Total Suspended Solids (TSS) Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

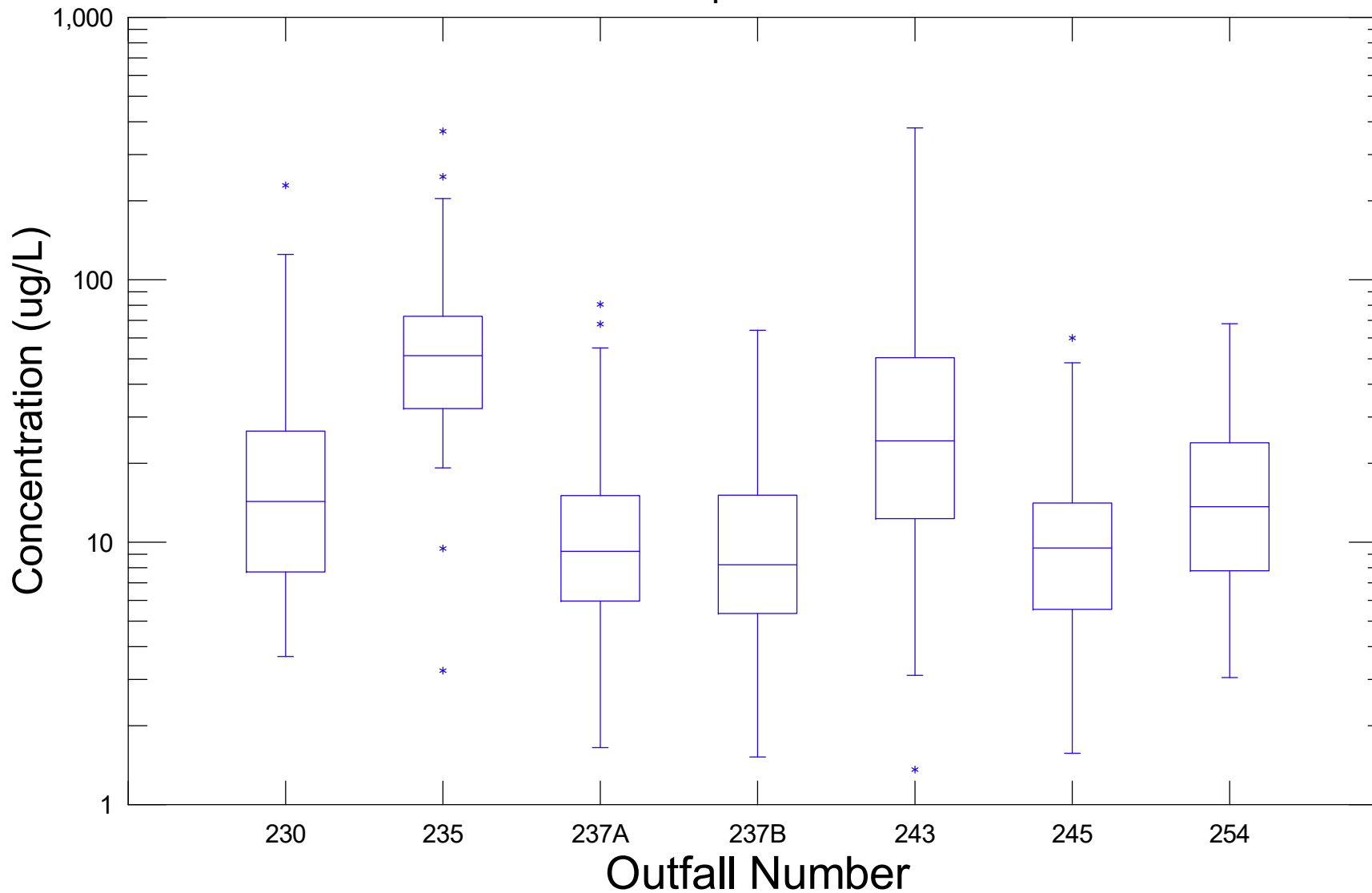


— Median    \* Moderate Outlier    ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-12**  
**Total Lead Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

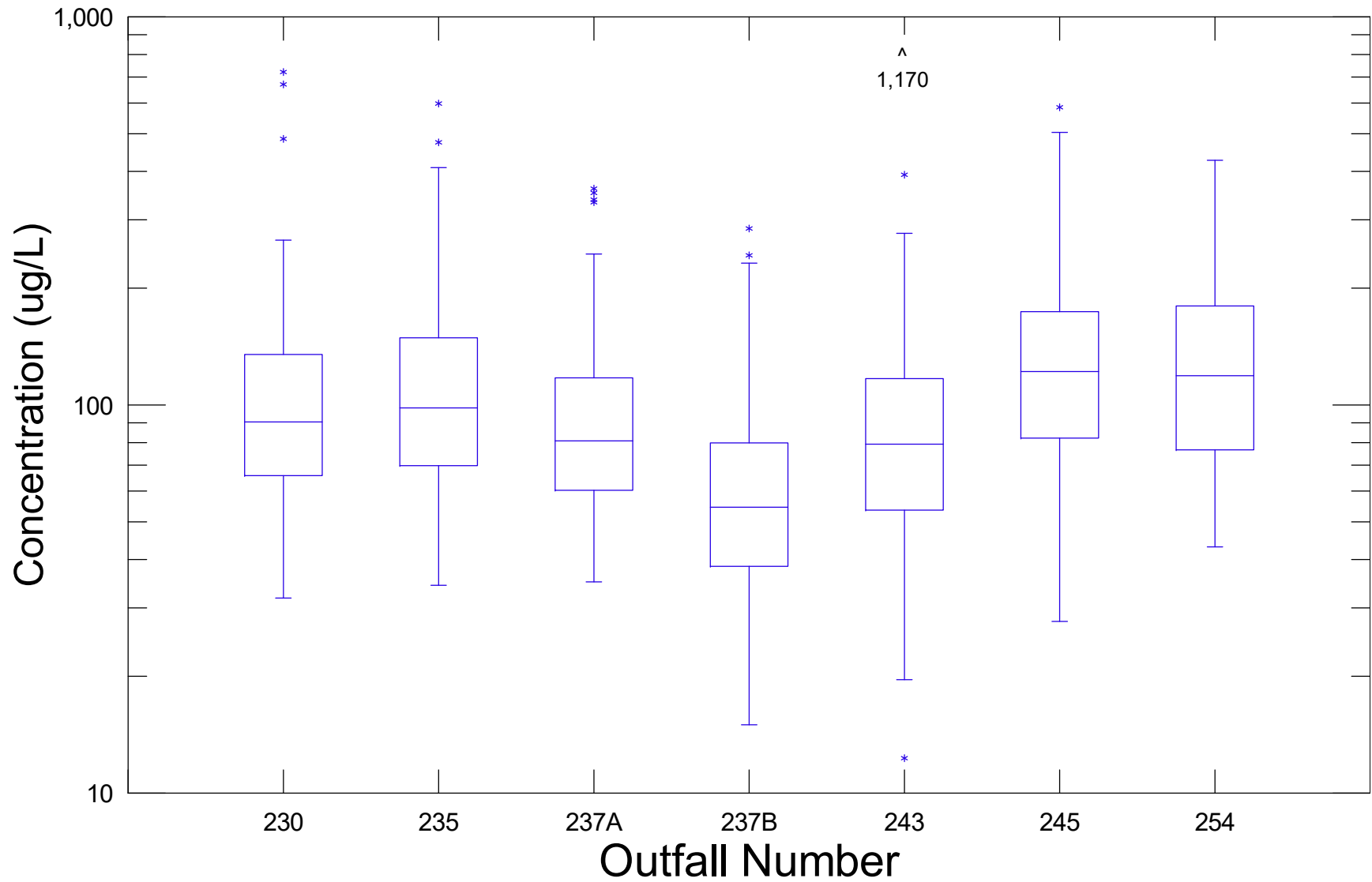


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-13**  
**Total Zinc Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

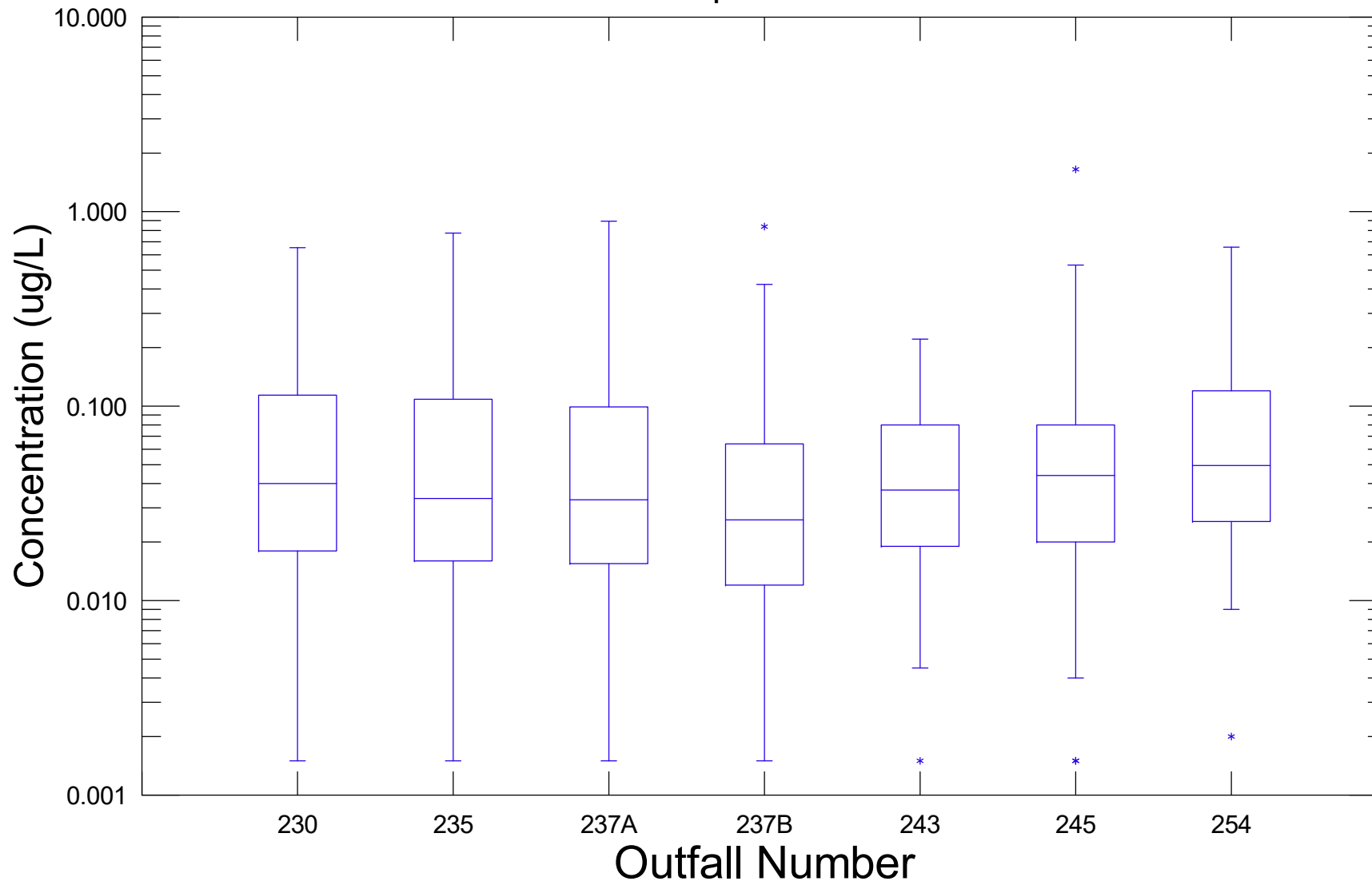


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-14**  
**Phenanthrene Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

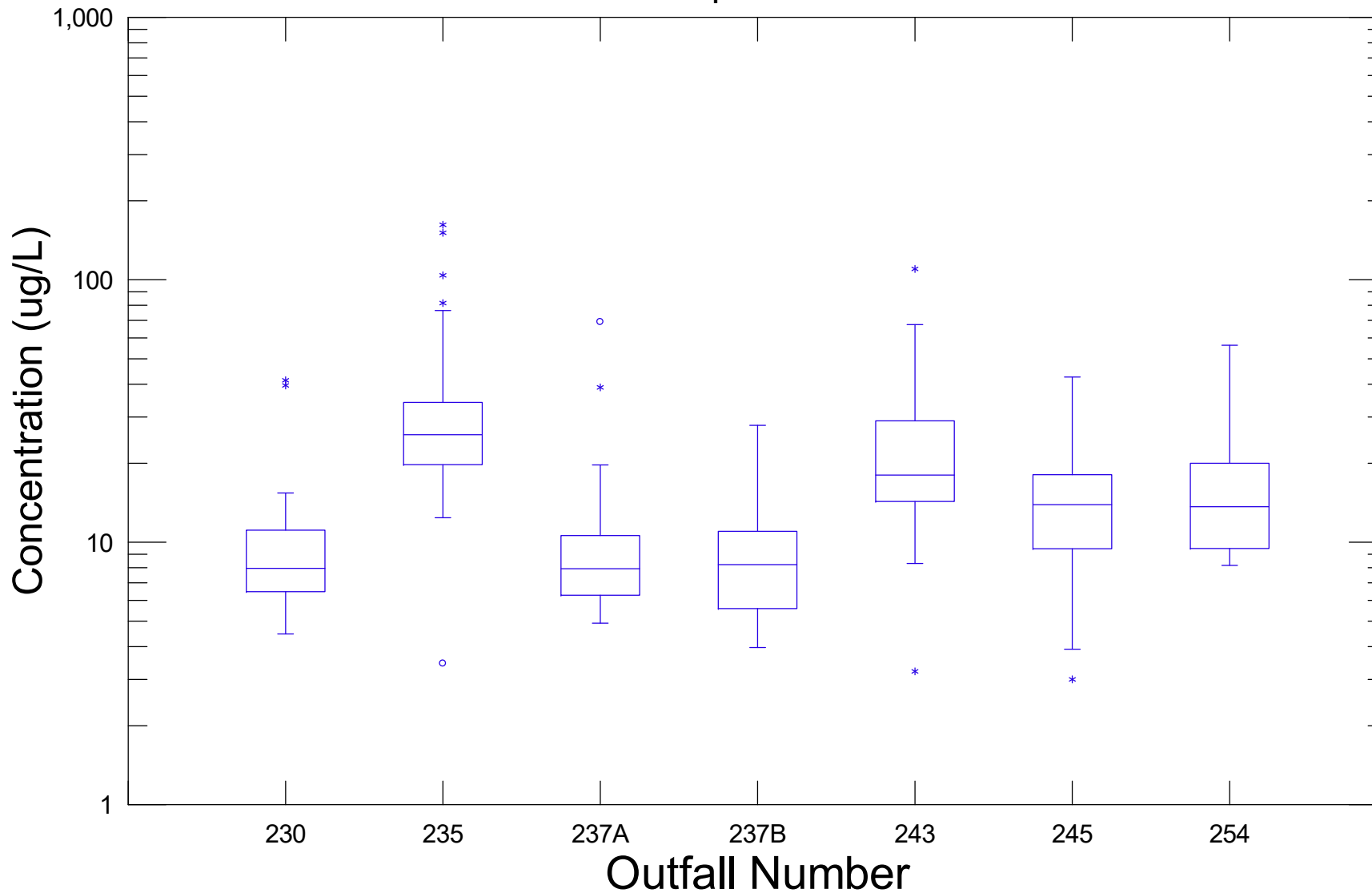


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-15**  
**Copper Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

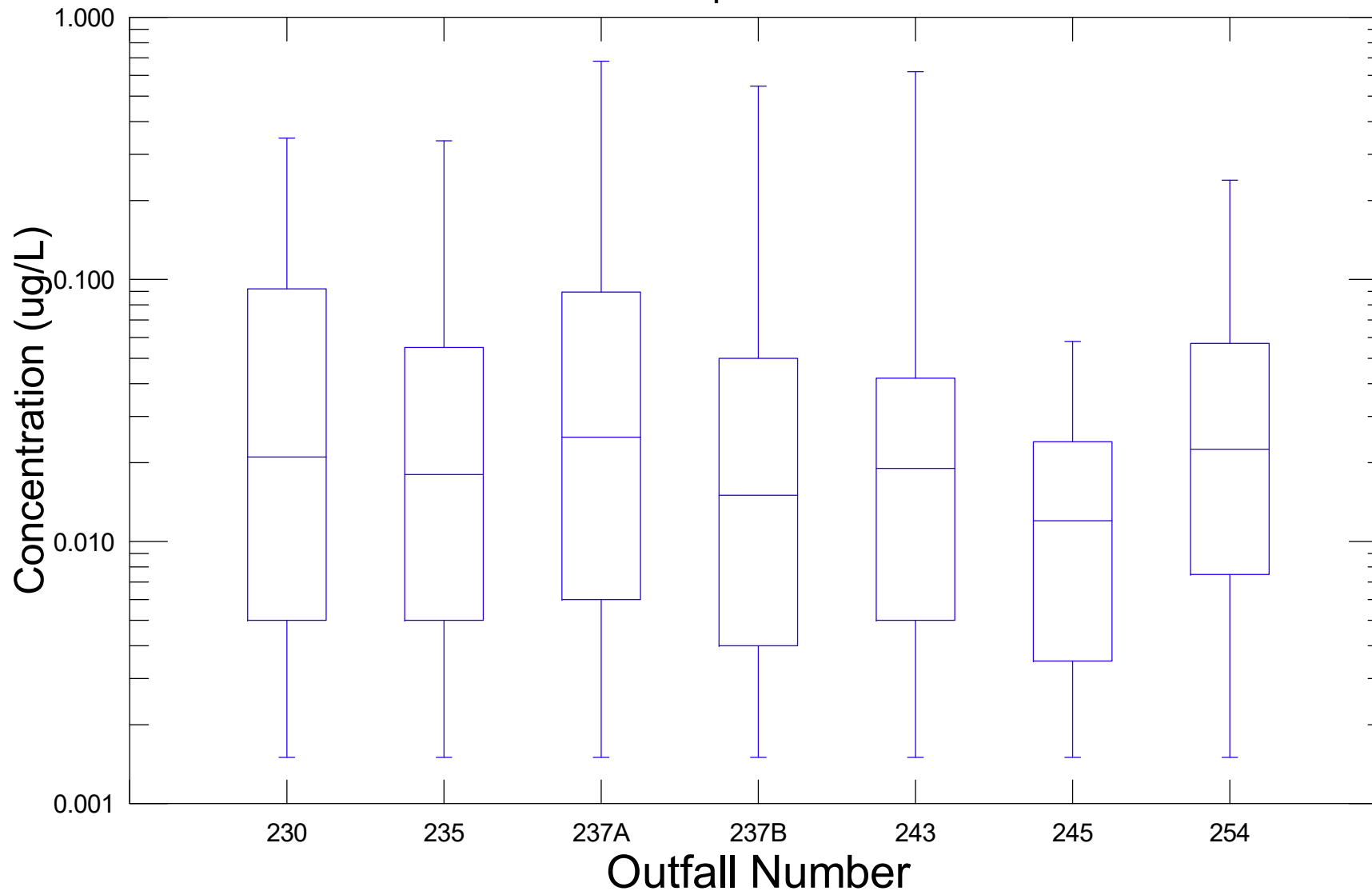


— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-16**  
**Indeno(1,2,3-cd)pyrene Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**



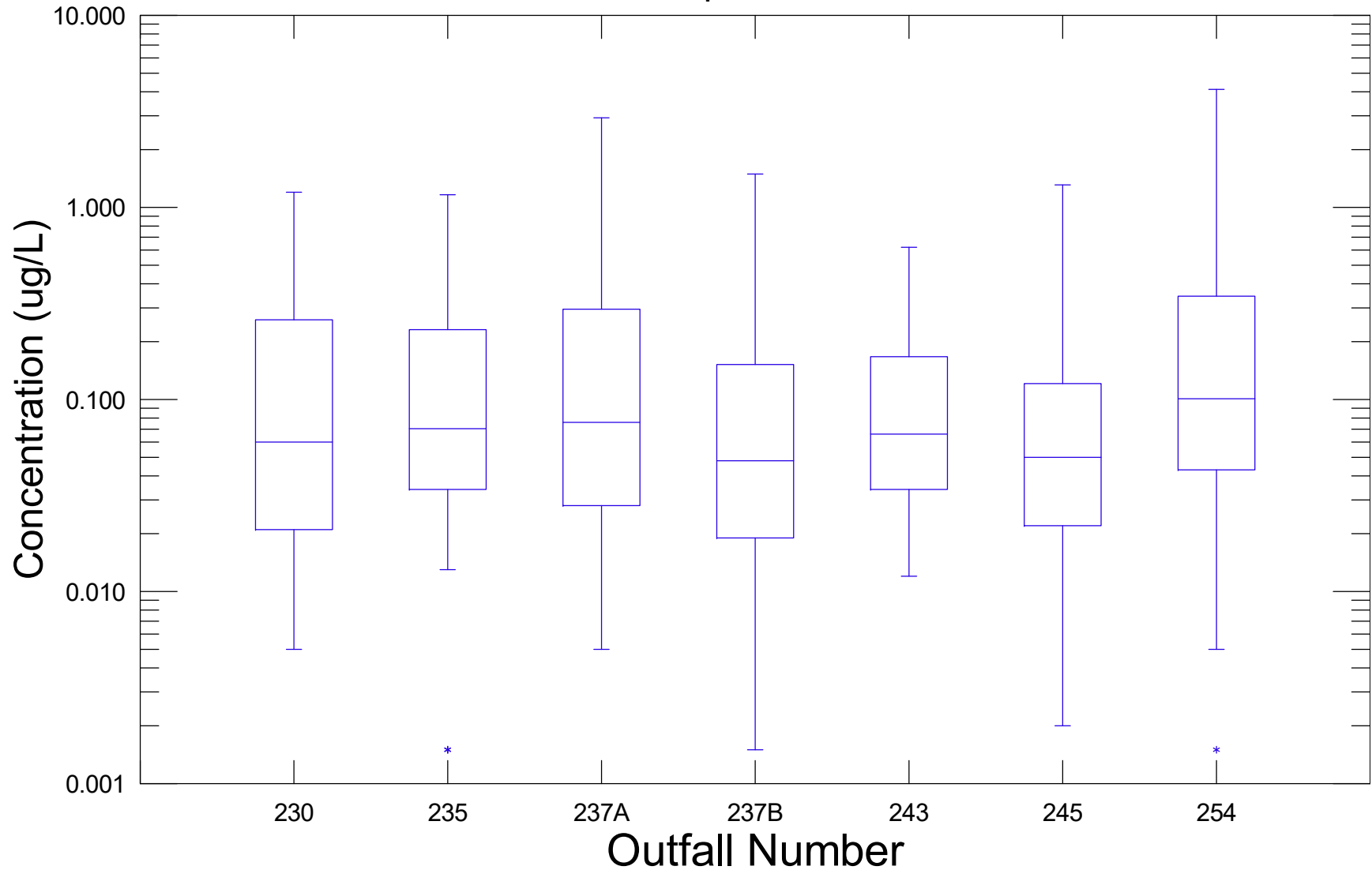
— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.



**Figure F-17**  
**Pyrene Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

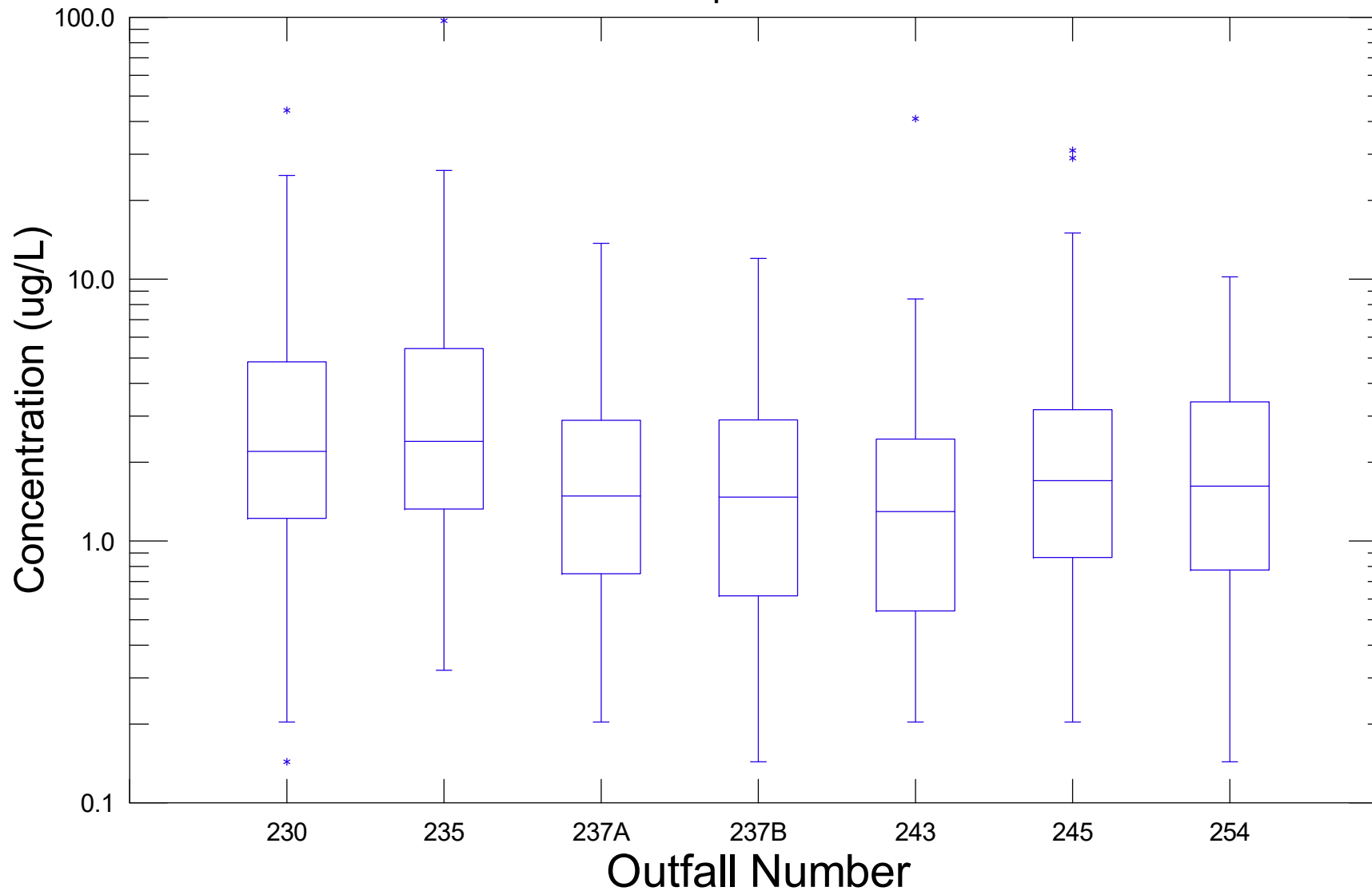


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

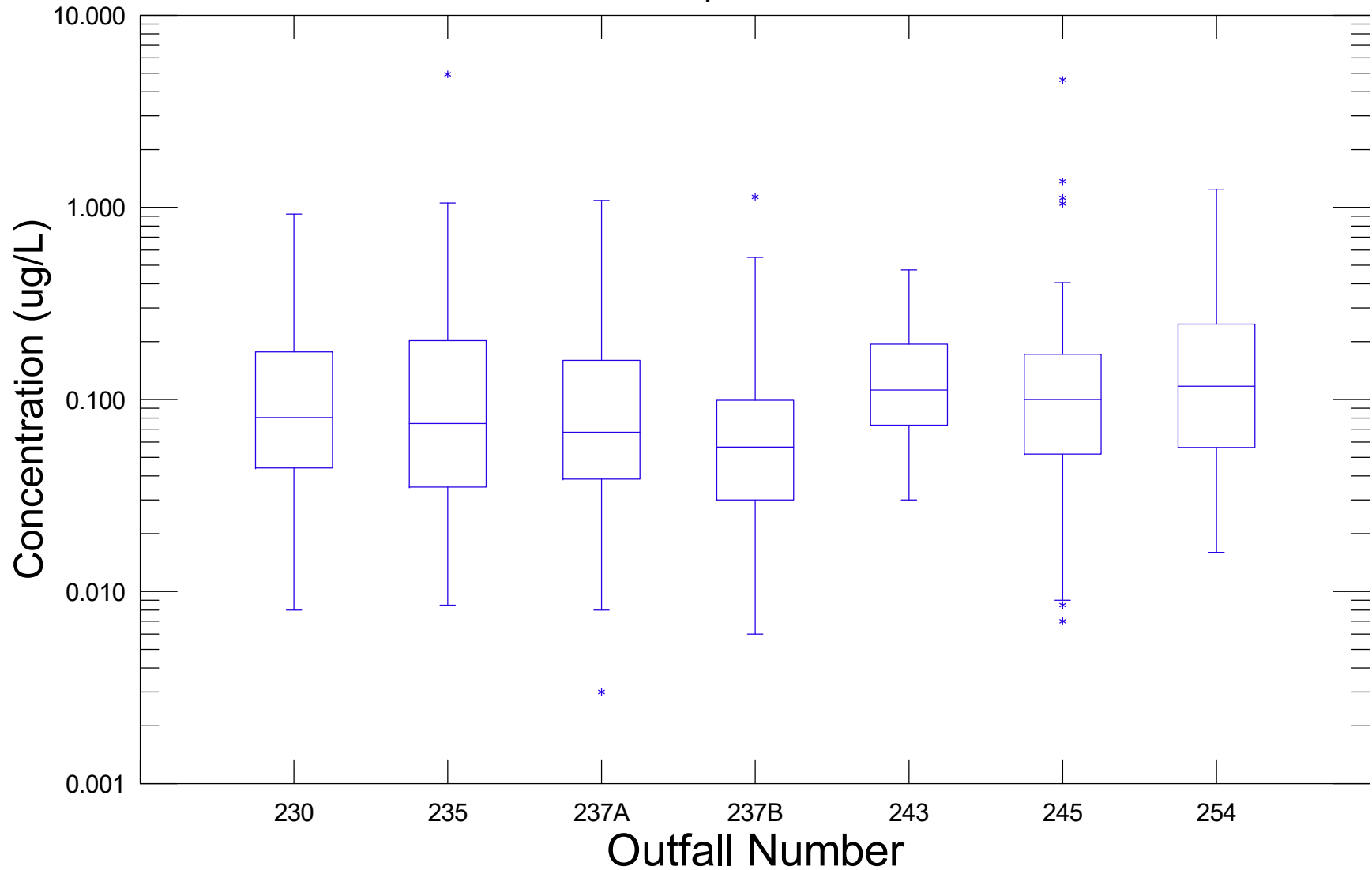
**Figure F-18**  
**Di(2-ethylhexyl)phthalate (DEHP) Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-19**  
**Total LPAHs Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

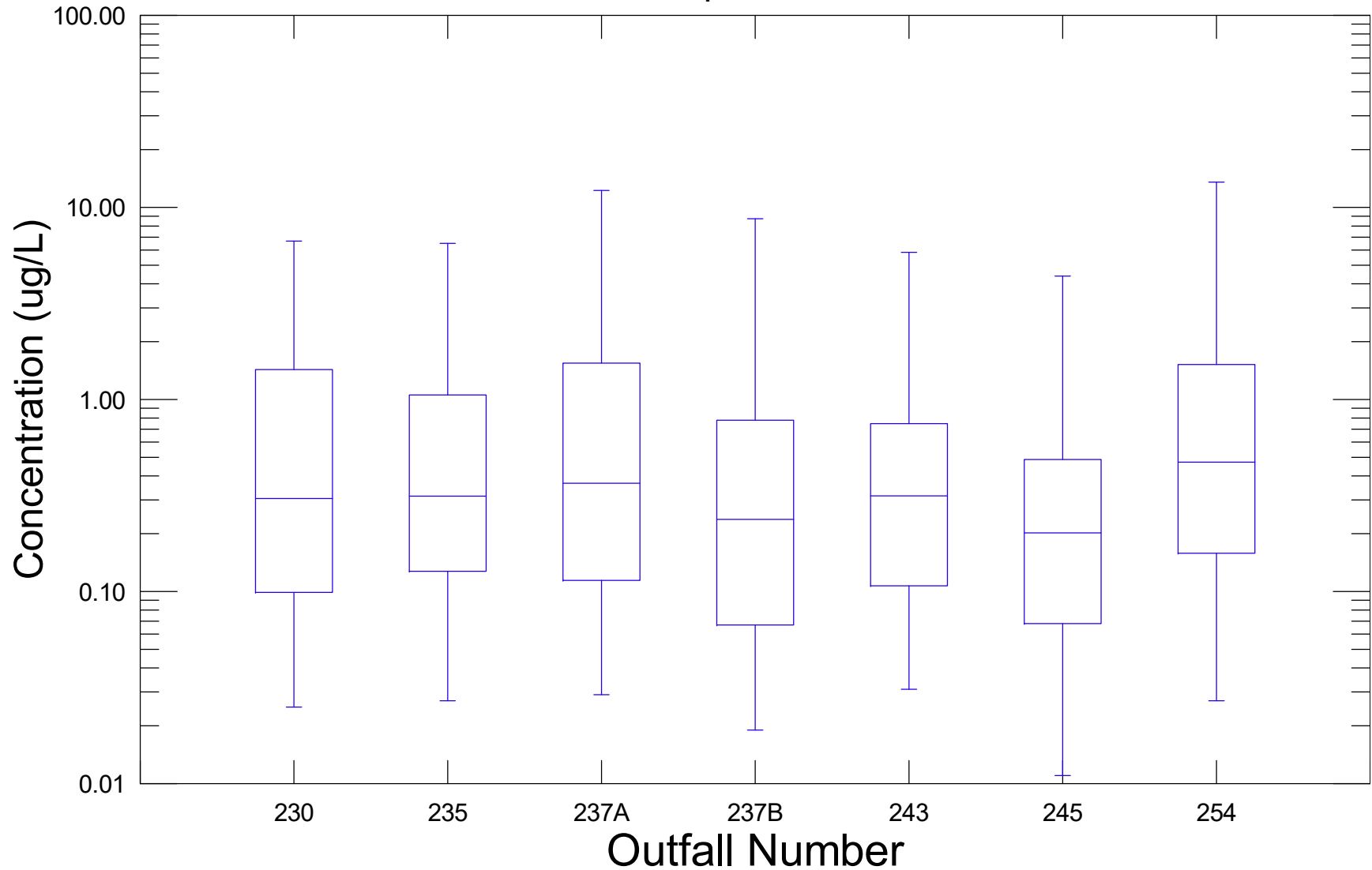


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-20**  
**Total HPAHs Drain-by-Drain Comparison in Stormwater [Log Scale]**  
**October 2001-September 2017**

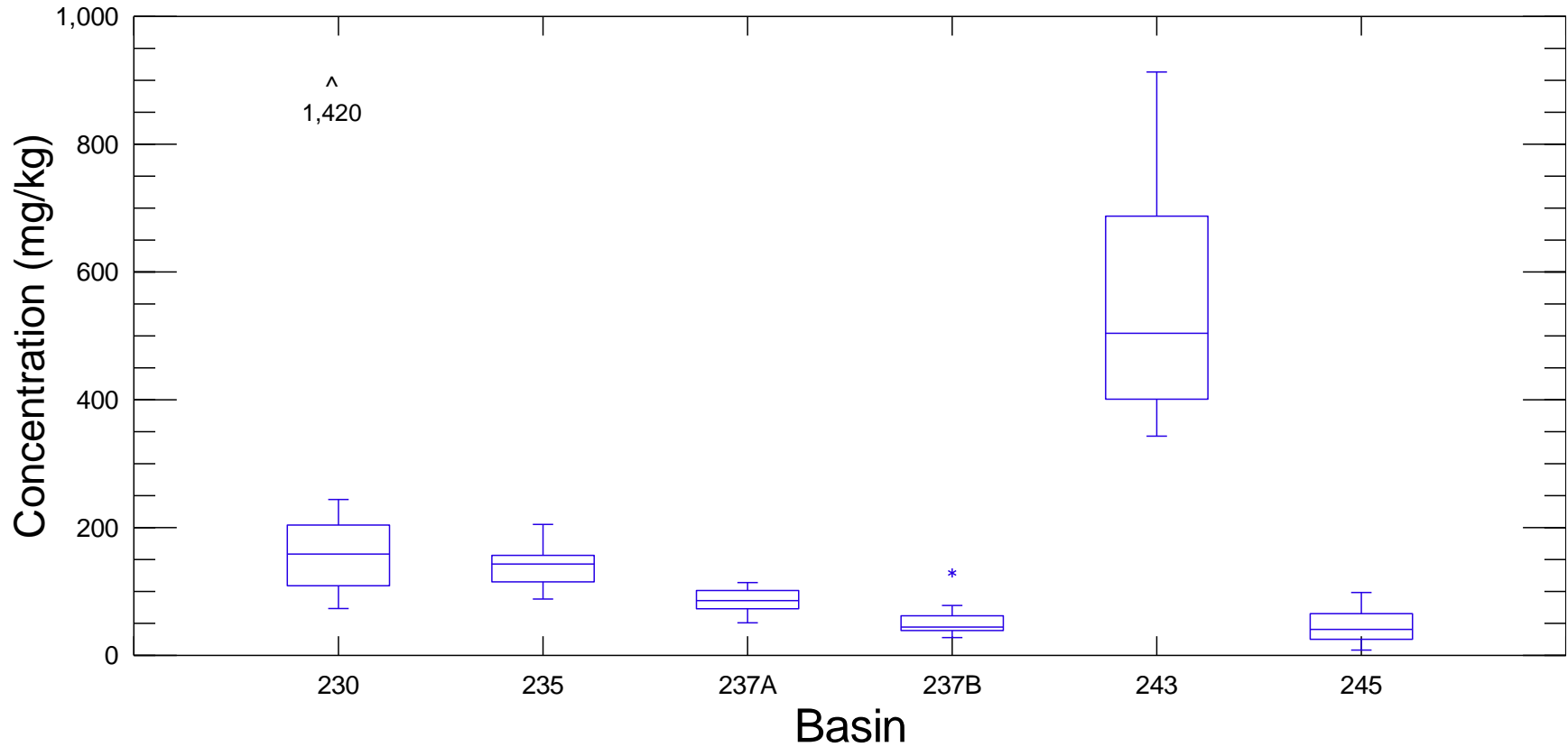


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-21**  
**Total Lead Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

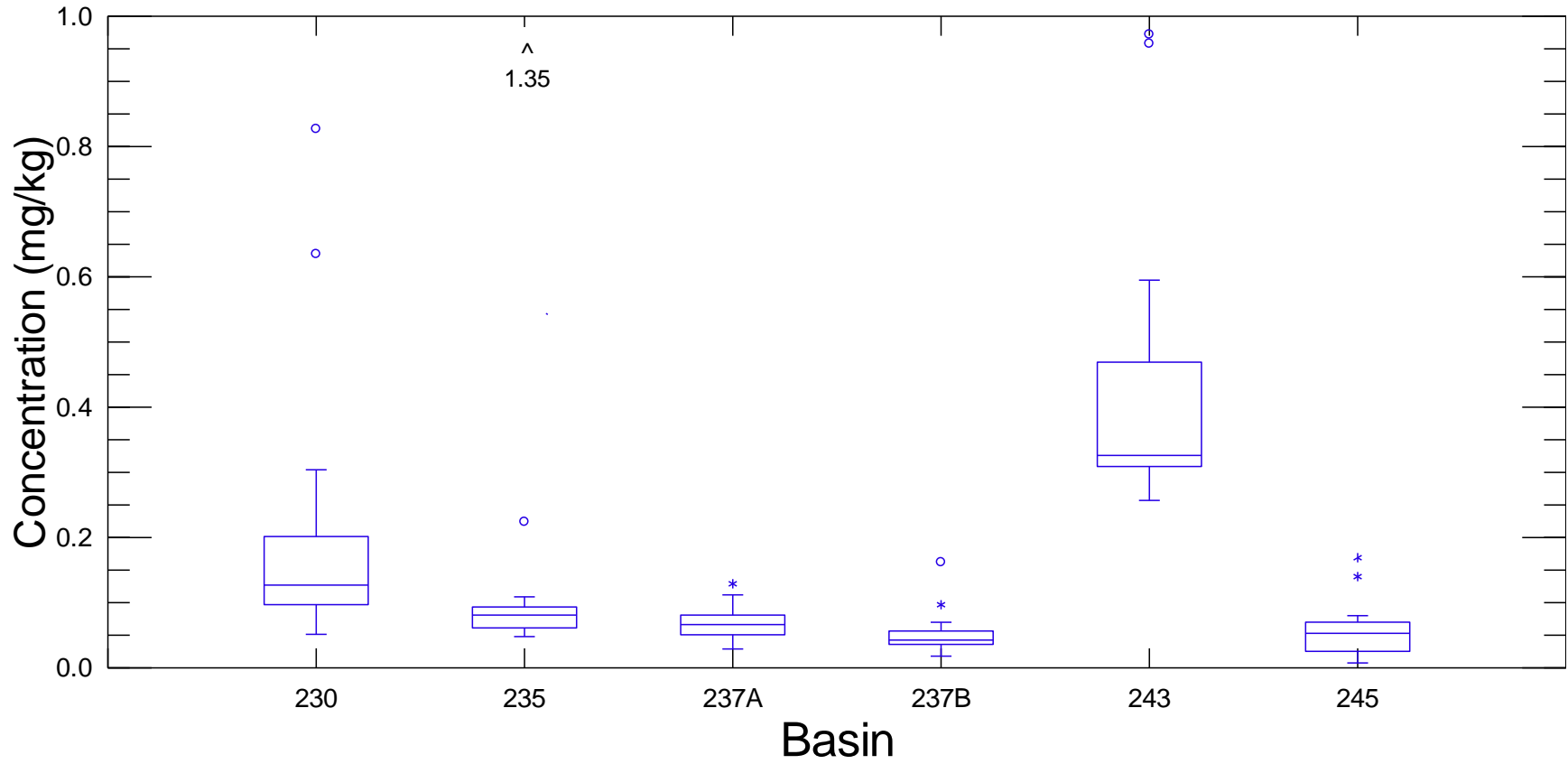


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

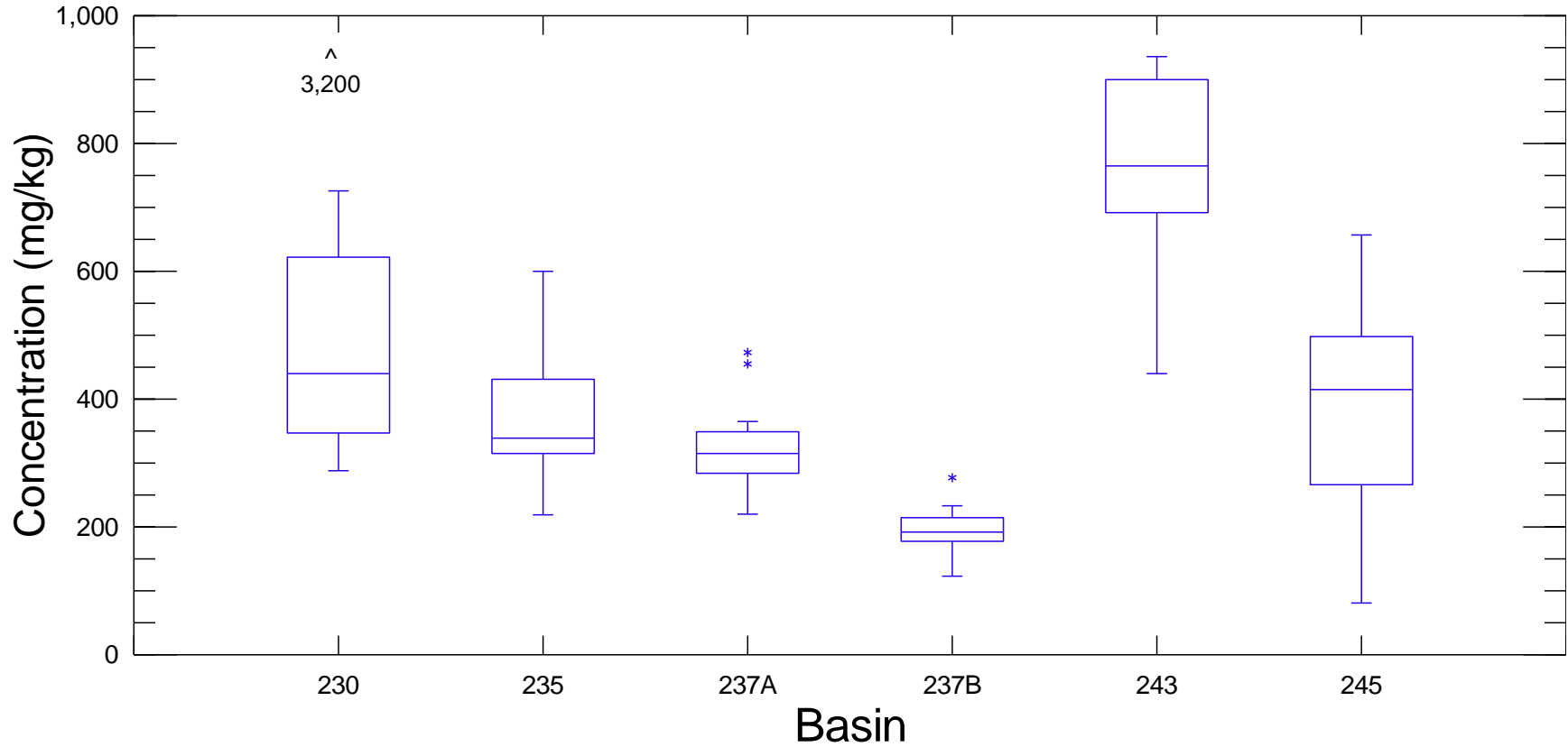
**Figure F-22**  
**Total Mercury Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-23**  
**Total Zinc Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

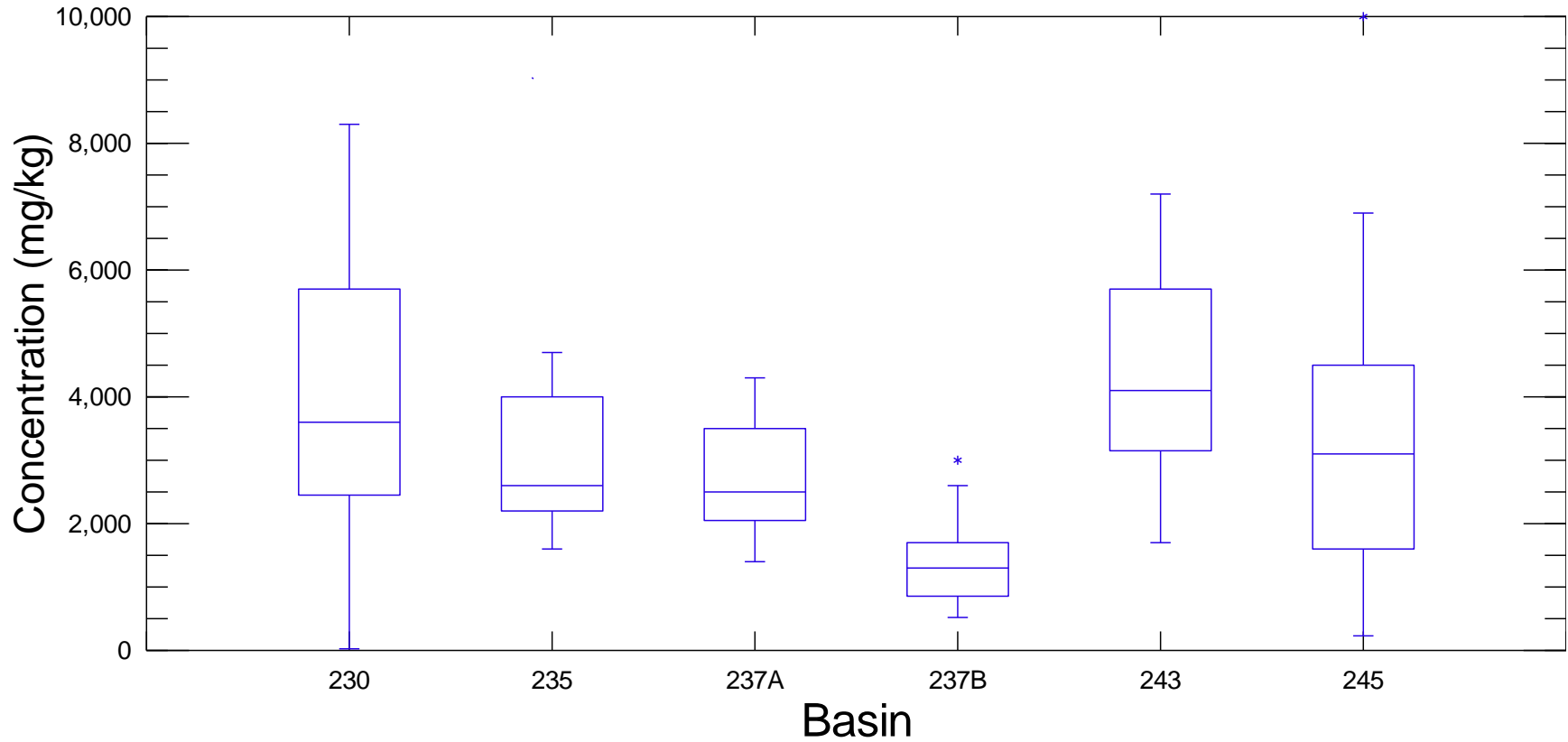


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-24**  
**TPH-Oil Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**



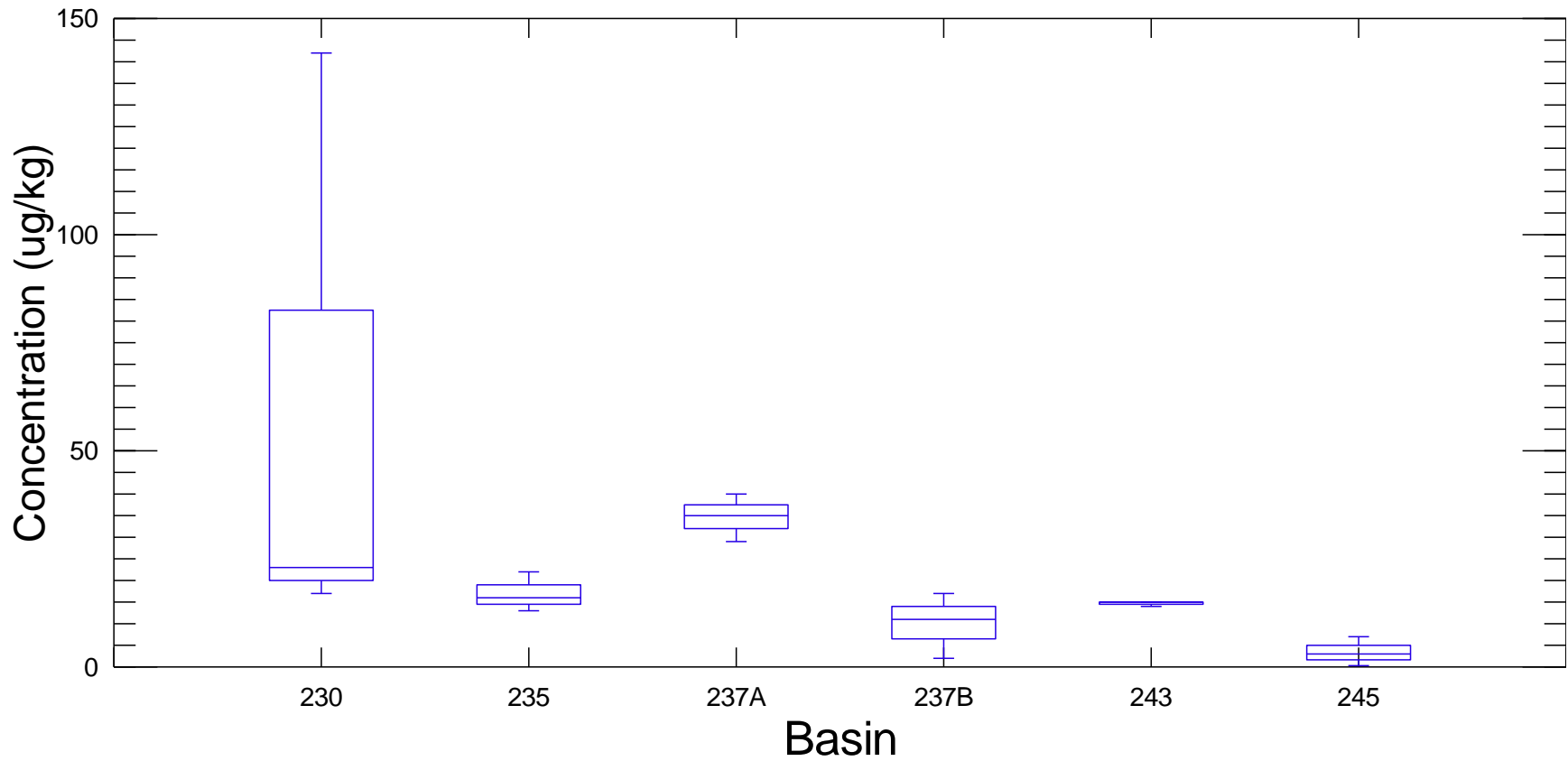
— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.



**Figure F-25**  
**Bifenthrin Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2015 and 2017 (Two Data Points)**

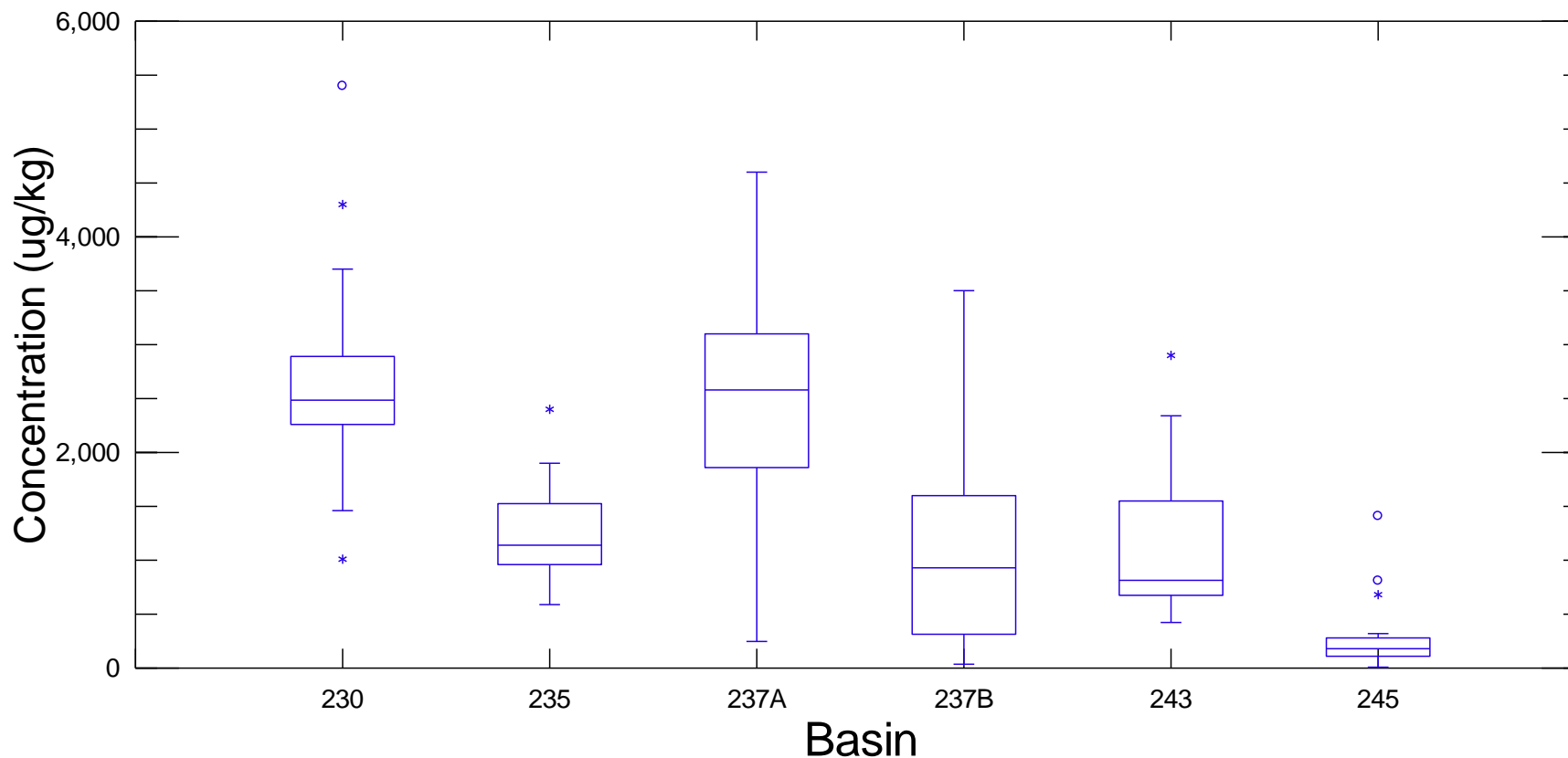


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-26**  
**Phenanthrene Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

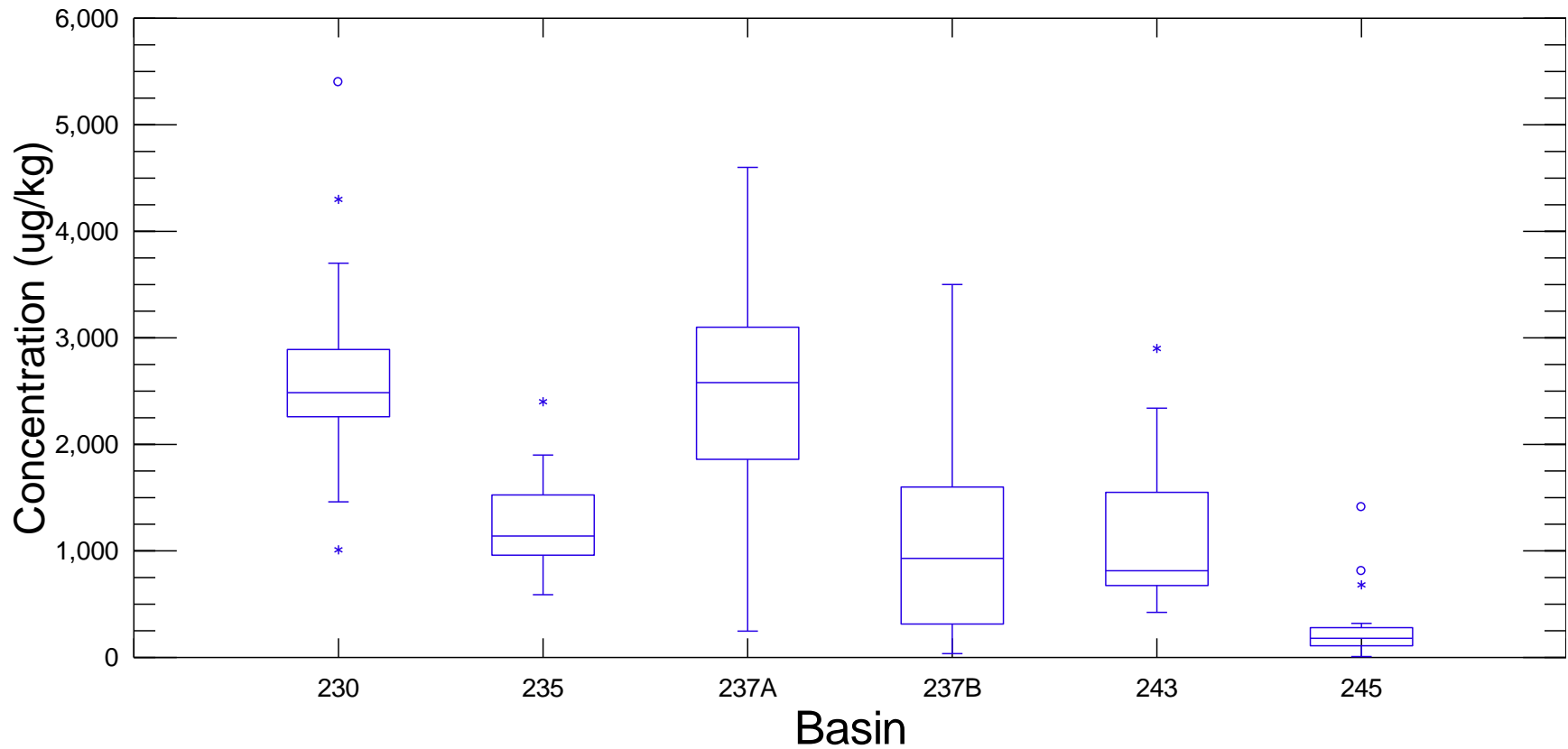


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-27**  
**Indeno(1,2,3-cd)pyrene Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

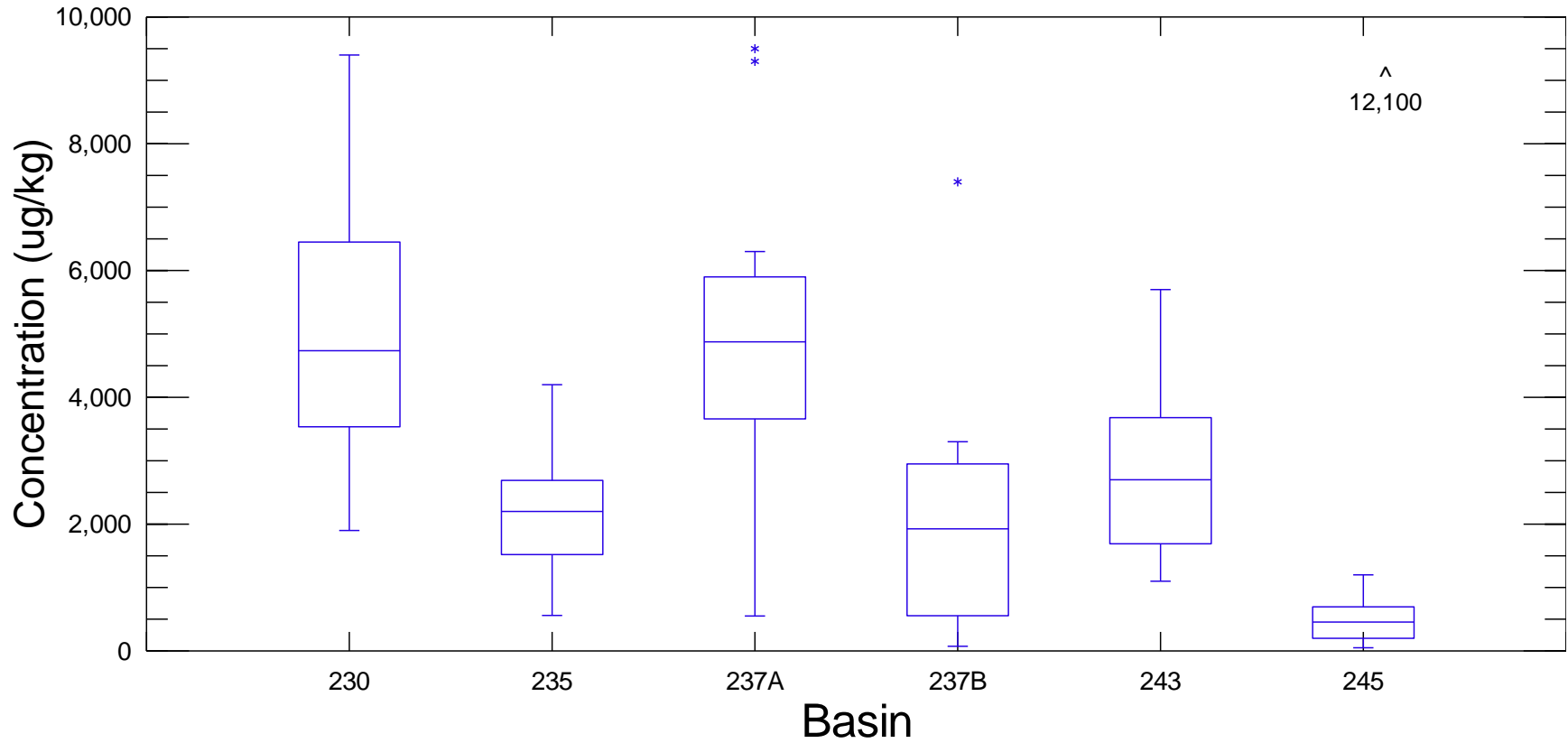


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-28**  
**Pyrene Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

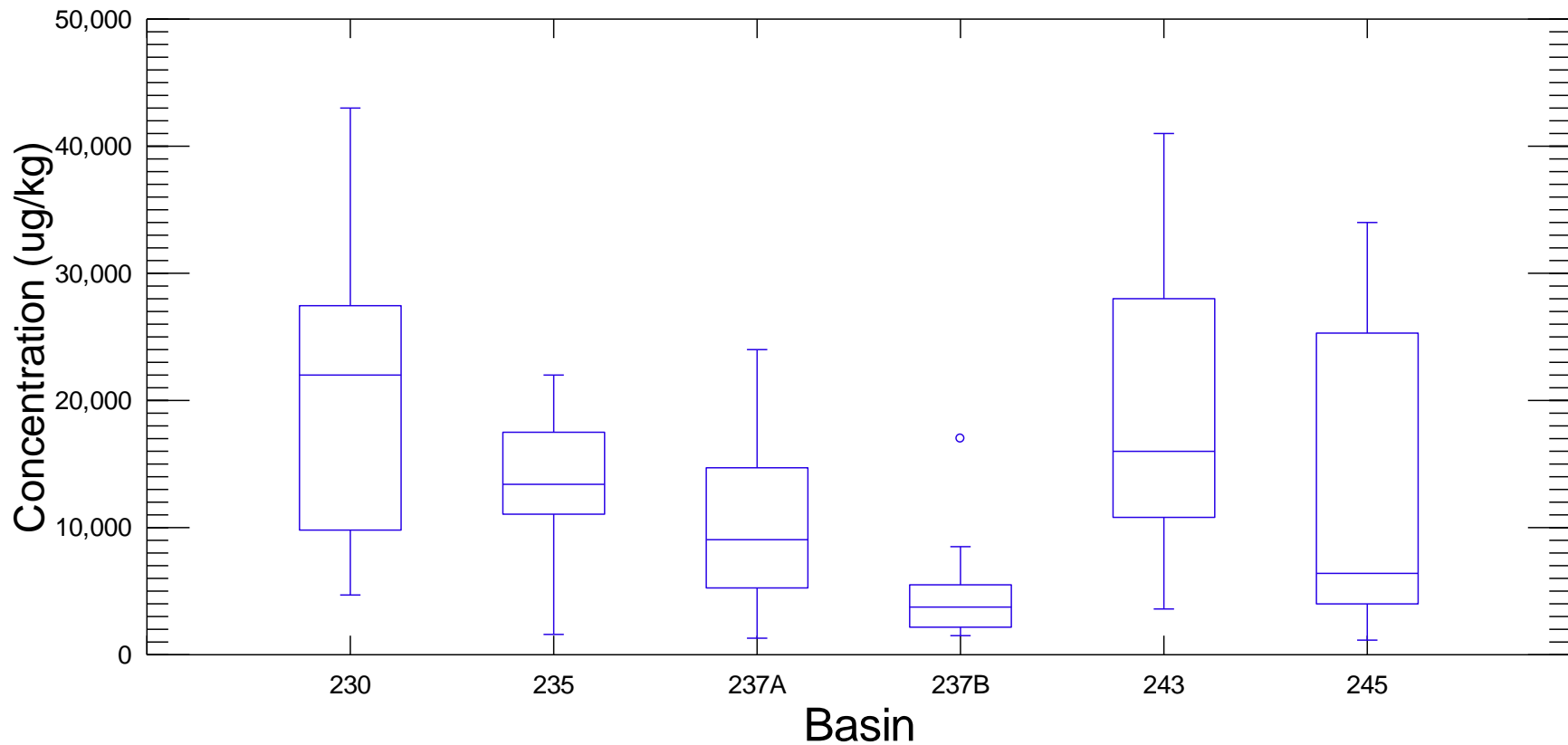


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-29**  
**Di(2-ethylhexyl)phthalate (DEHP) Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

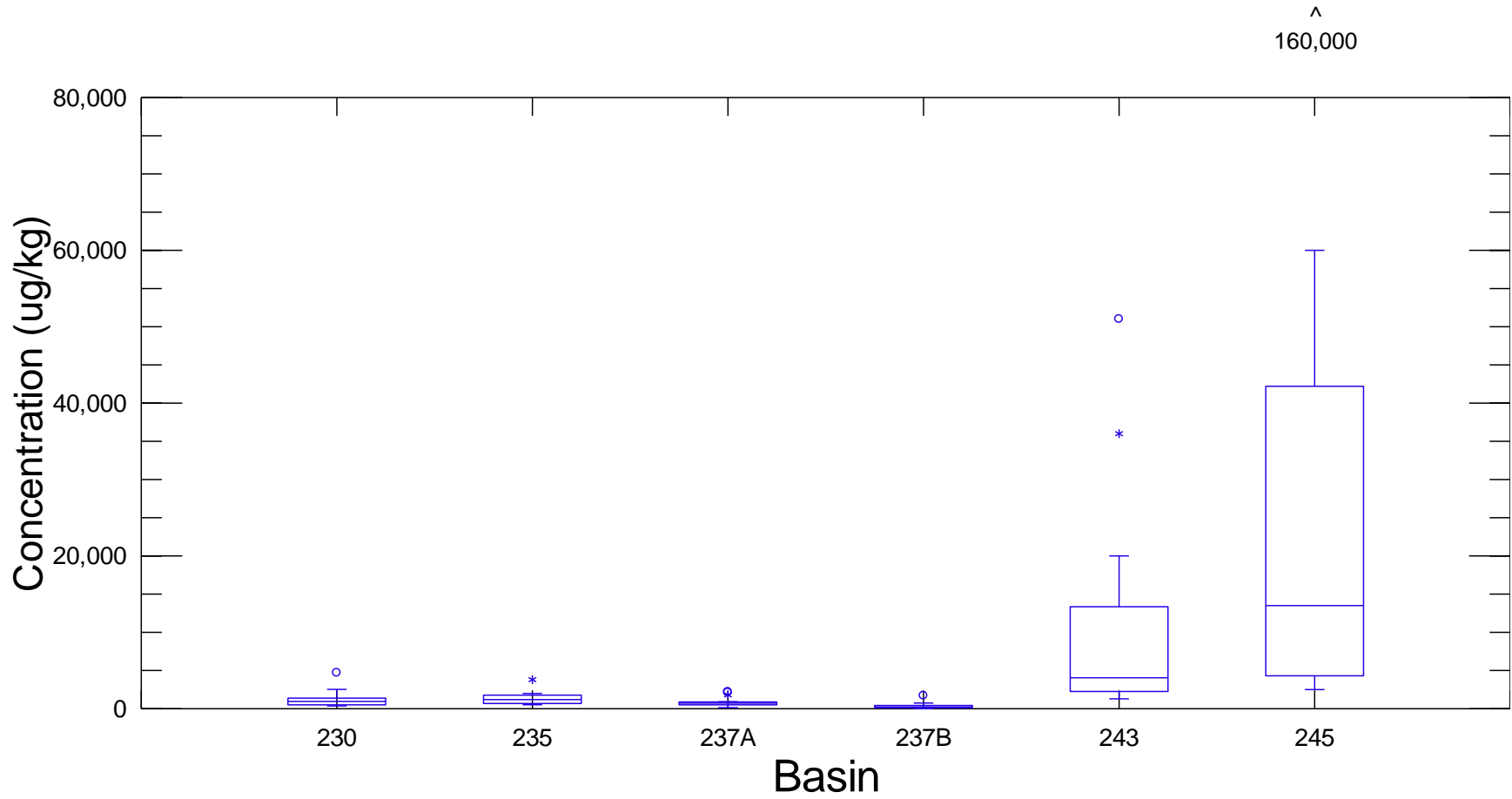


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

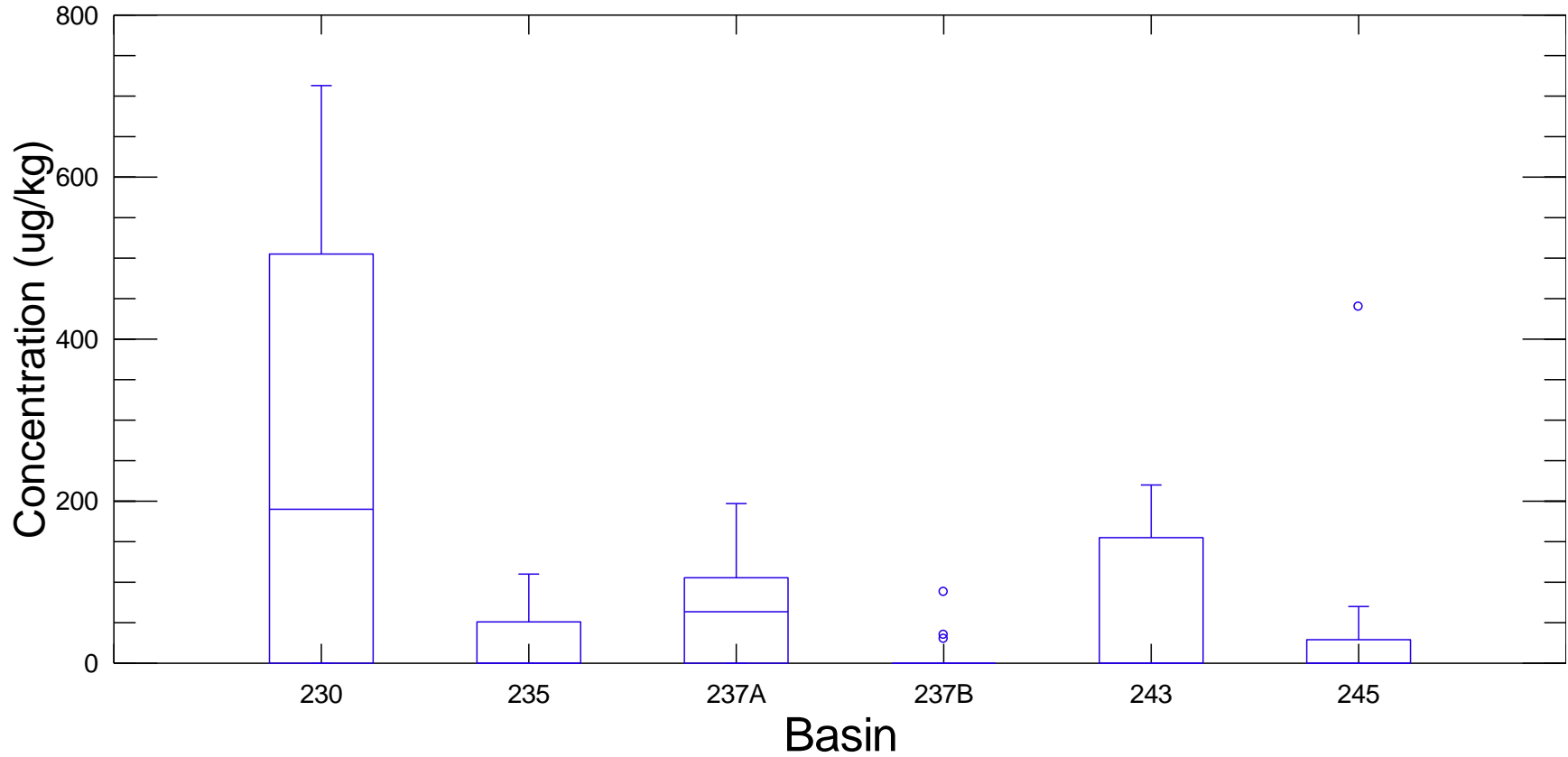
**Figure F-30**  
**Butylbenzylphthalate Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**



— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-31**  
**Total PCBs Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**

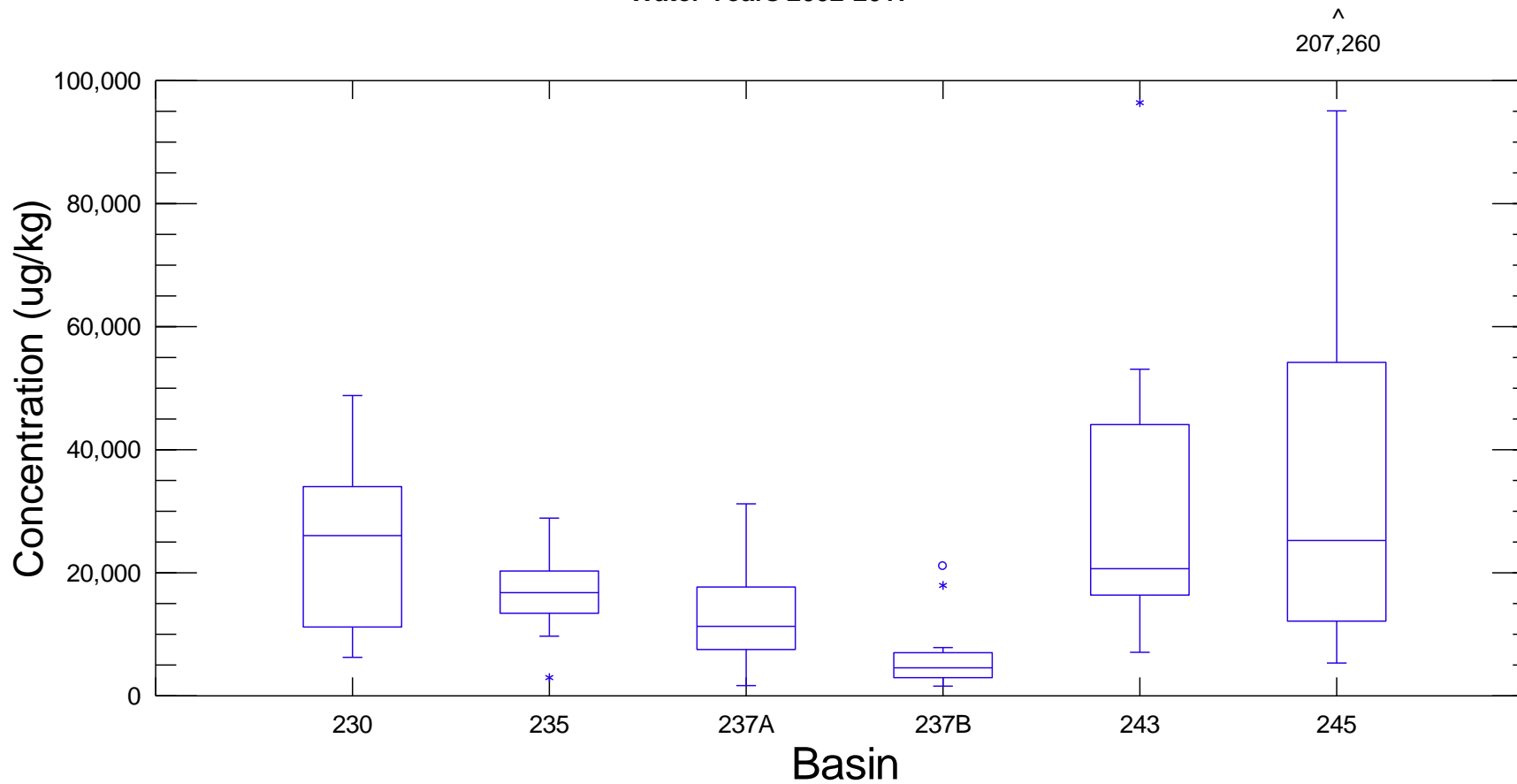


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-32**  
**Total Phthalates Basin-by-Basin Comparison in Storm Sediment**  
**Water Years 2002-2017**



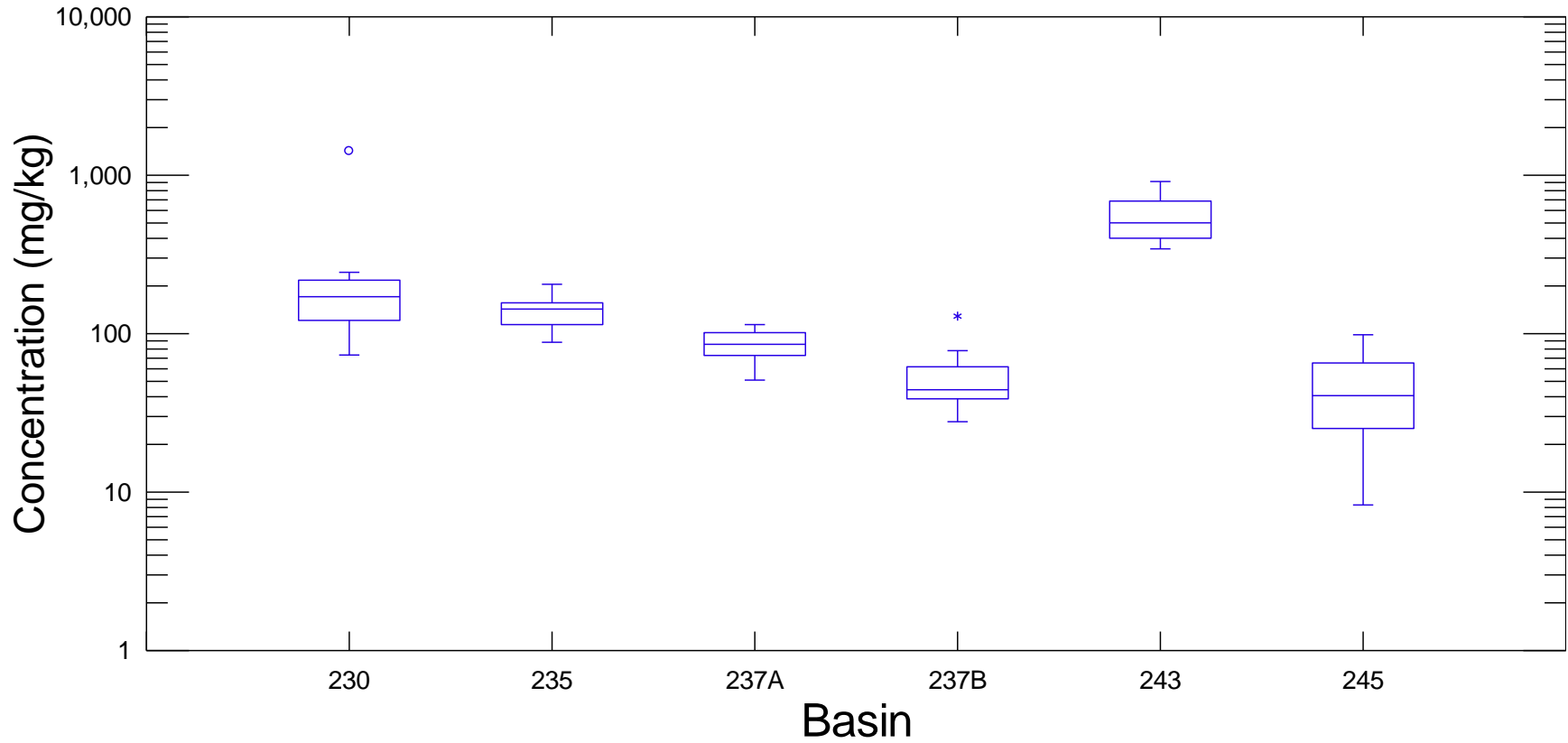
— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.



**Figure F-33**  
**Total Lead Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

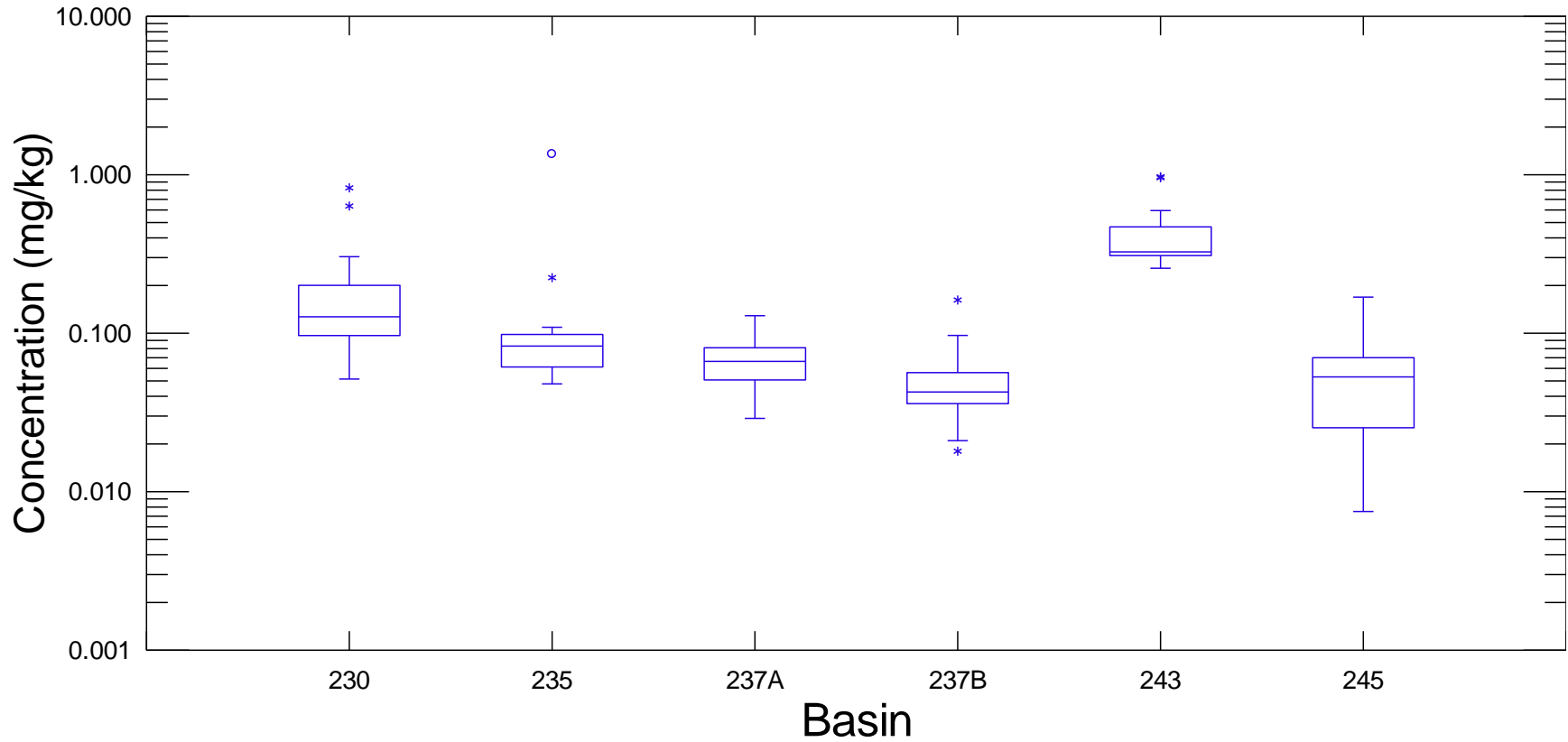


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-34**  
**Total Mercury Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

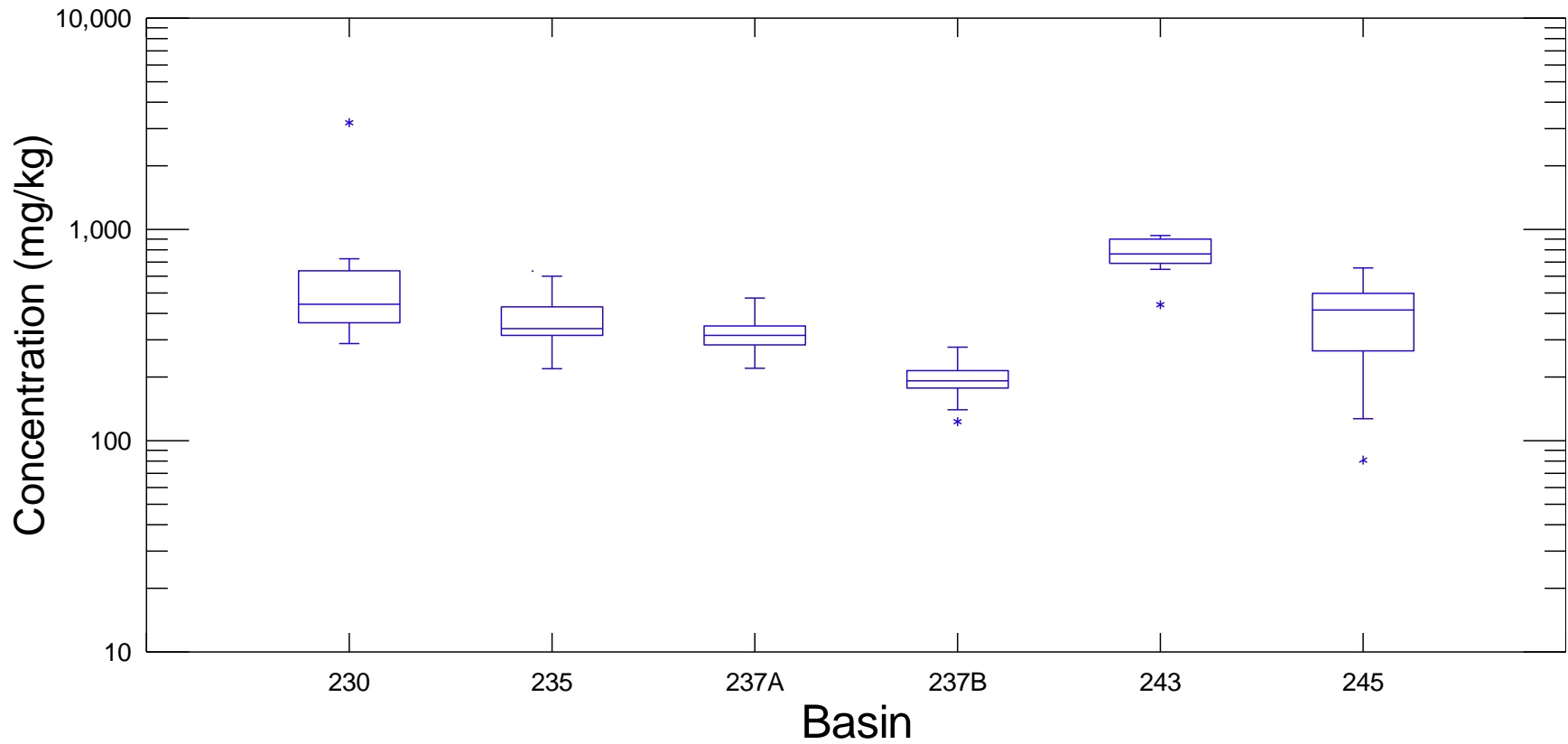


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-35**  
**Total Zinc Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

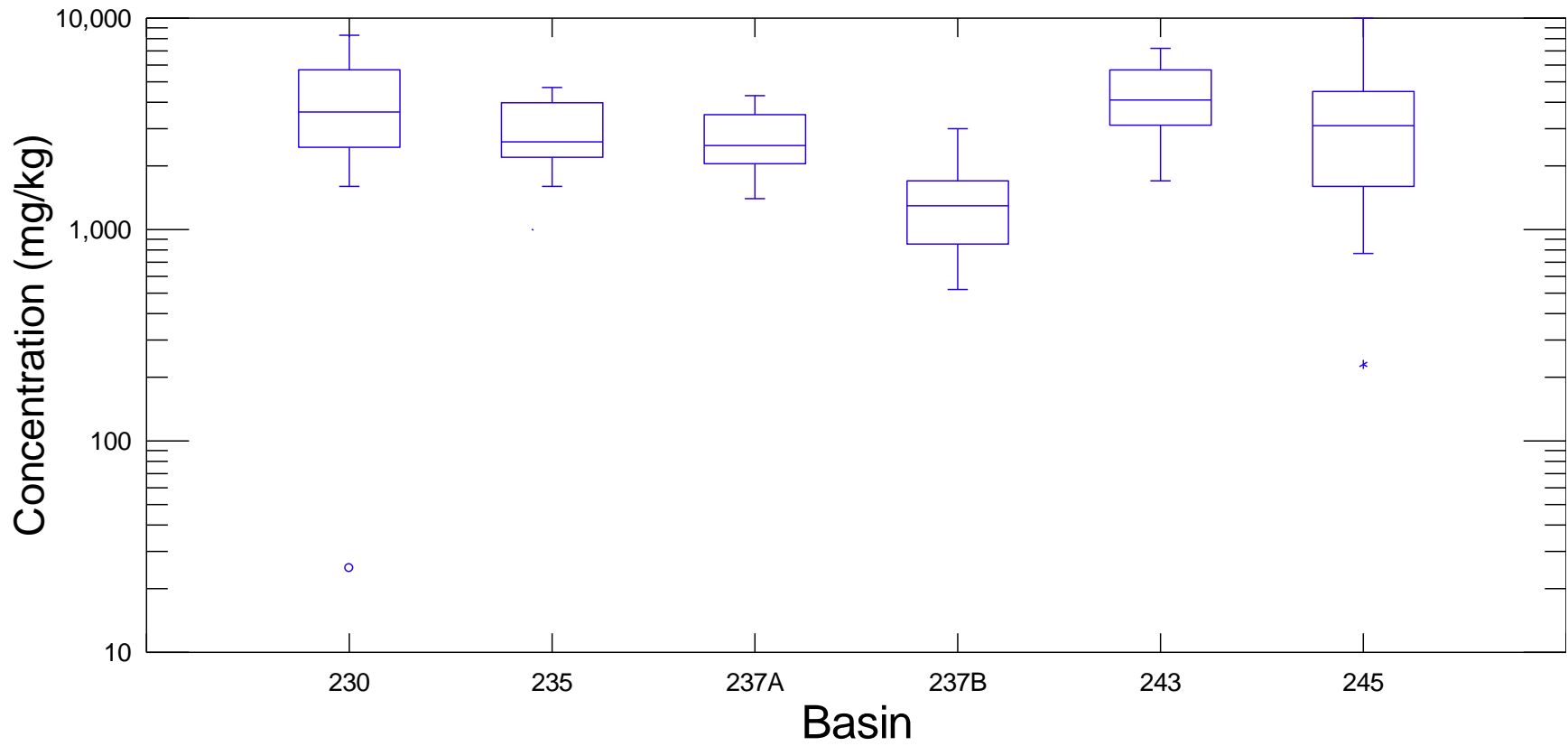


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-36**  
**TPH-Oil Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

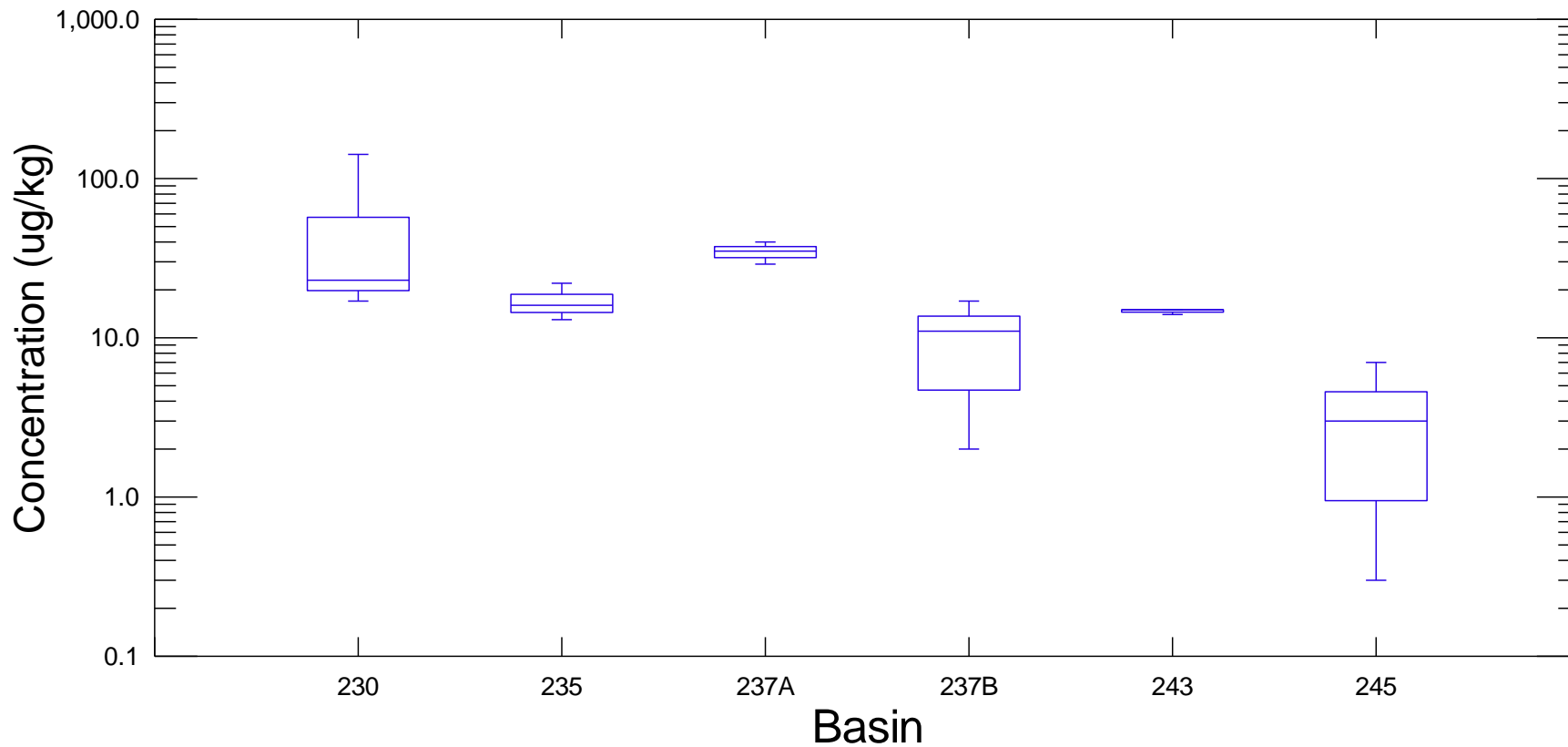


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-37**  
**Bifenthrin Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2015 through 2017 (Three Data Points)**

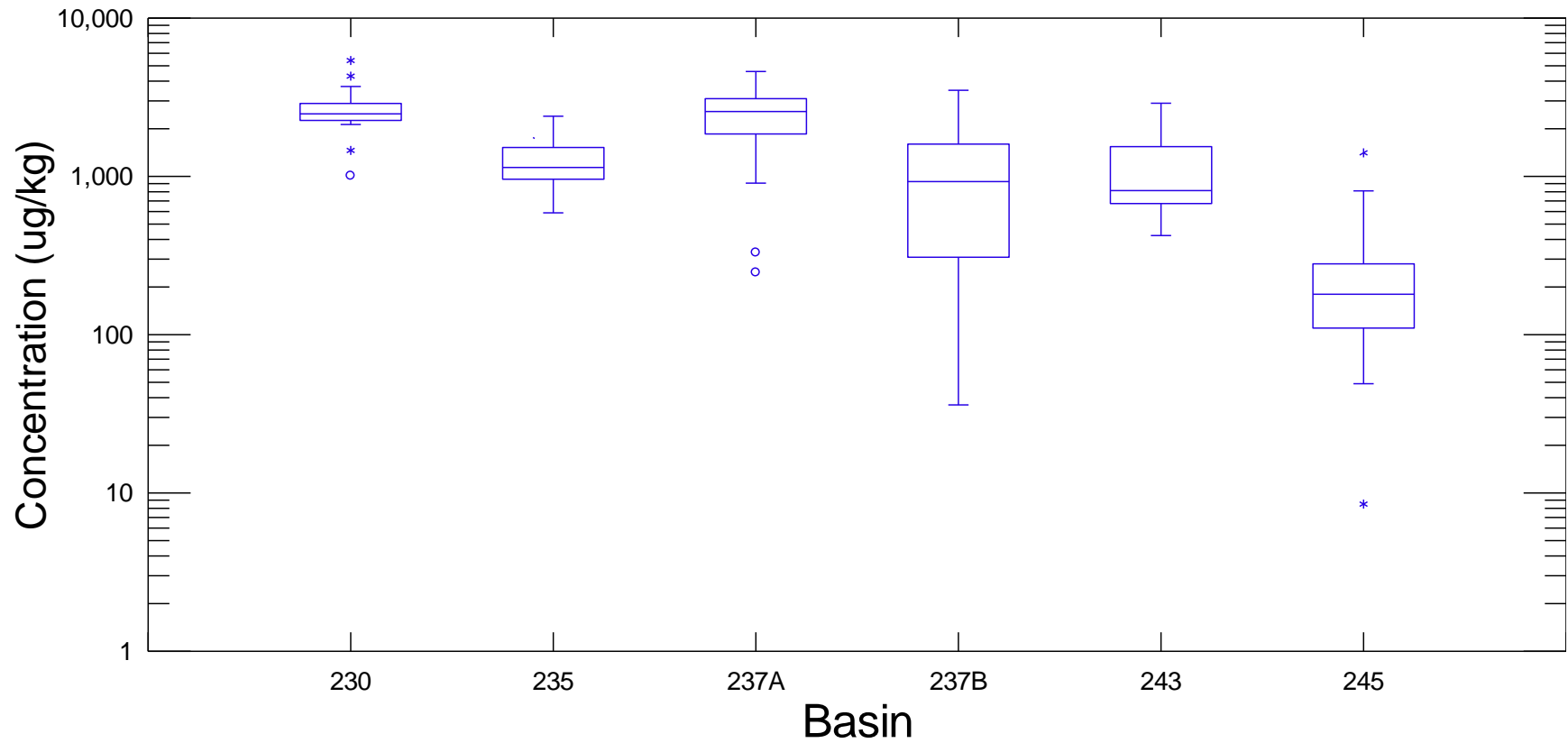


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-38**  
**Phenanthrene Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

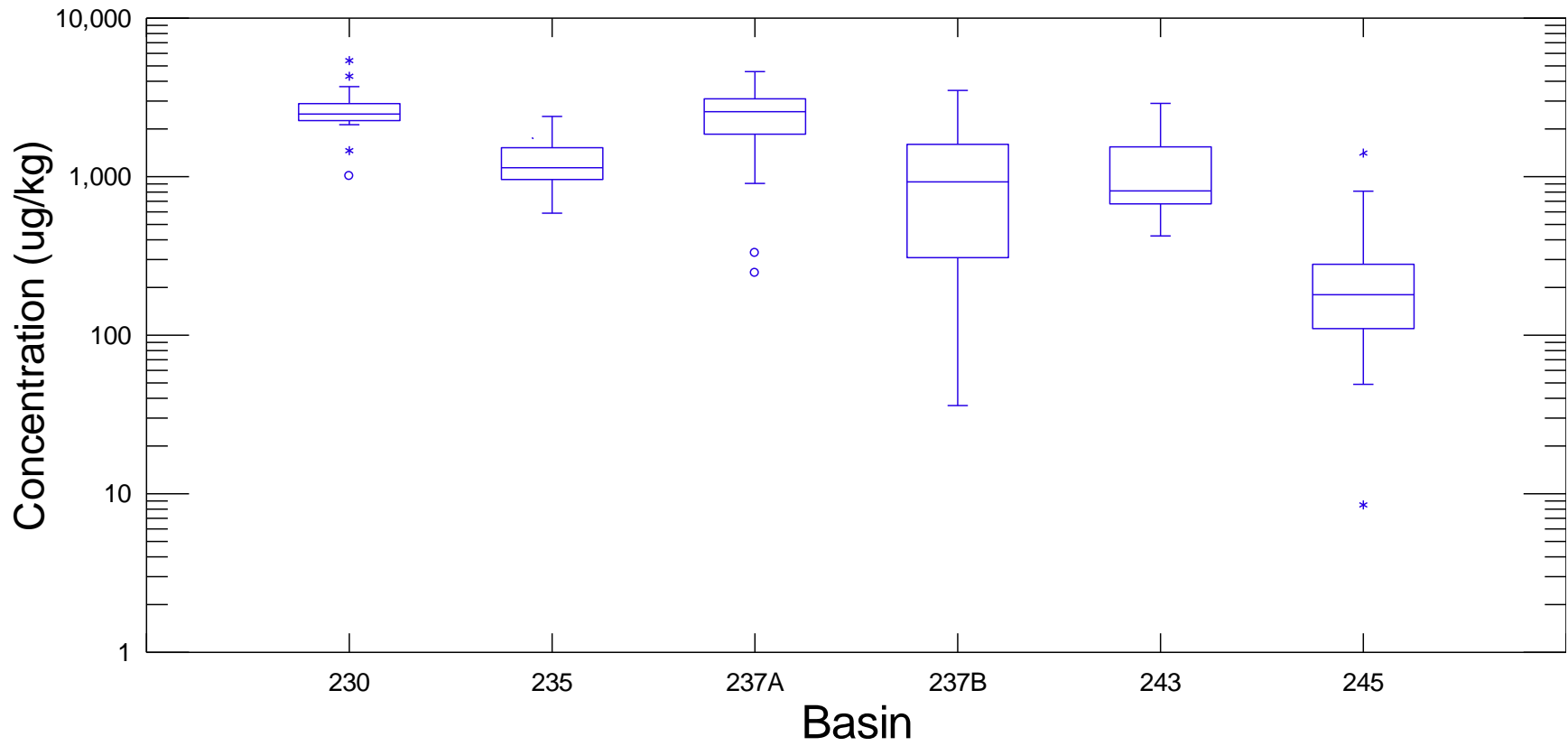


— Median      \* Moderate Outlier      o Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

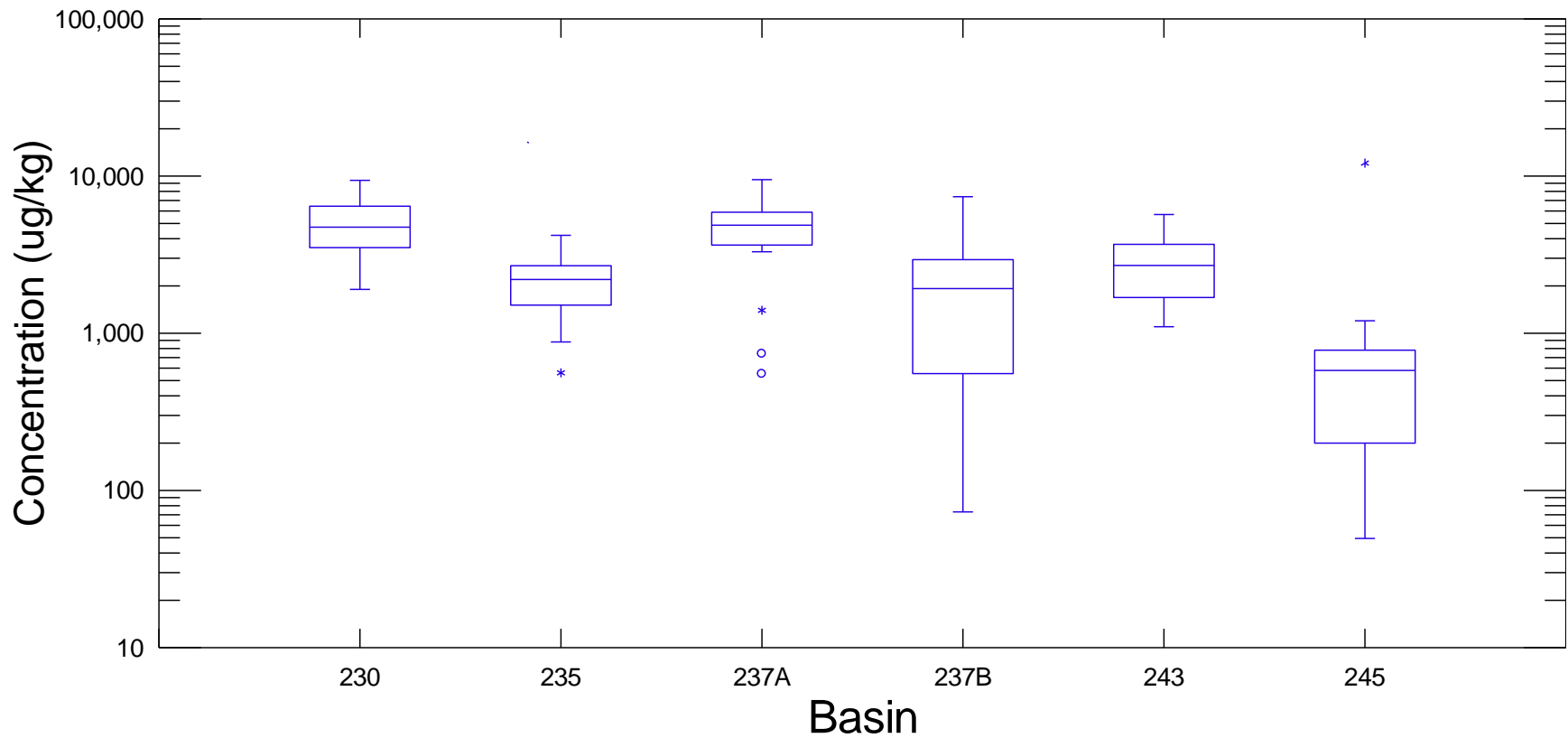
**Figure F-39**  
**Indeno(1,2,3-cd)pyrene Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-40**  
**Pyrene Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**



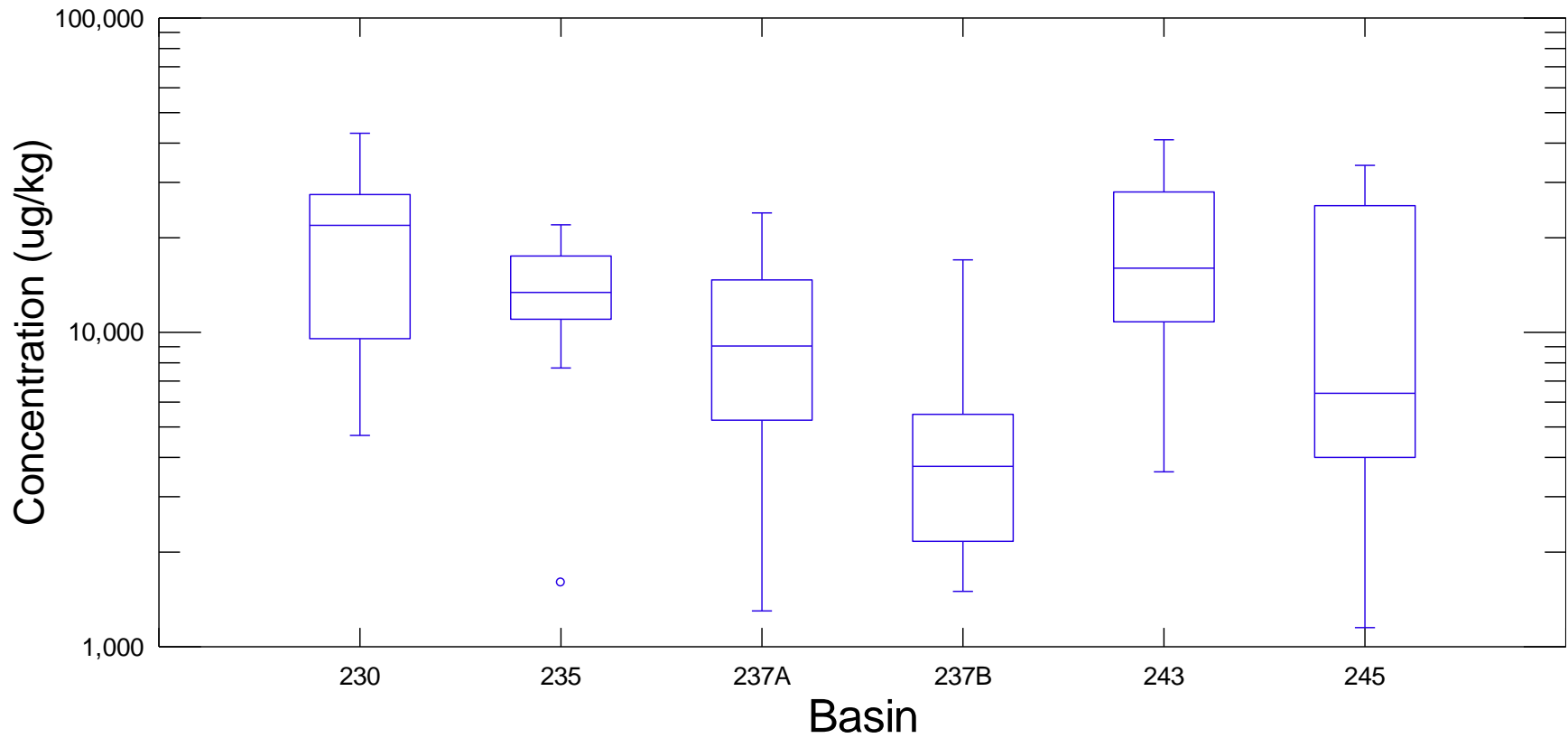
— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.



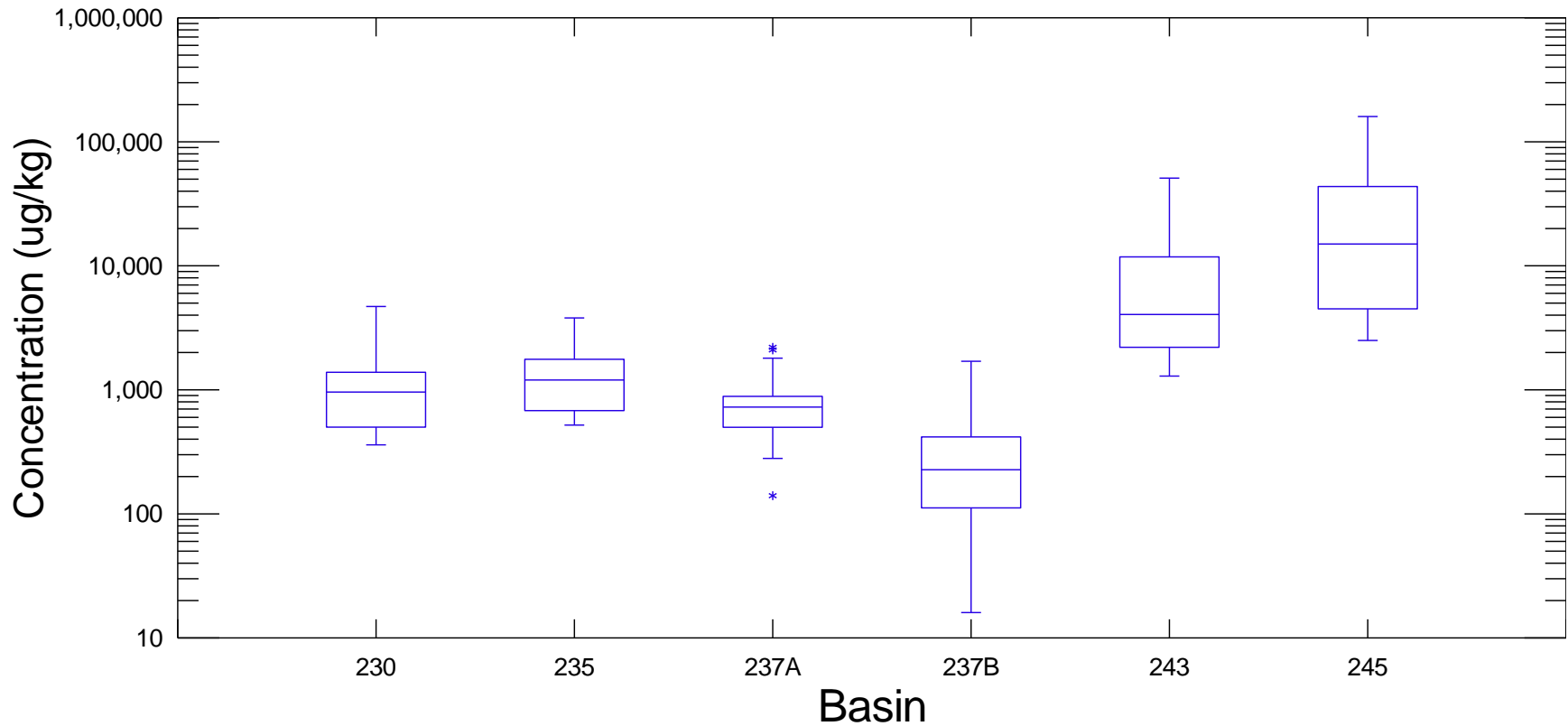
**Figure F-41**  
**Di(2-ethylhexyl)phthalate (DEHP) Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.  
 Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-42**  
**Butylbenzylphthalate Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

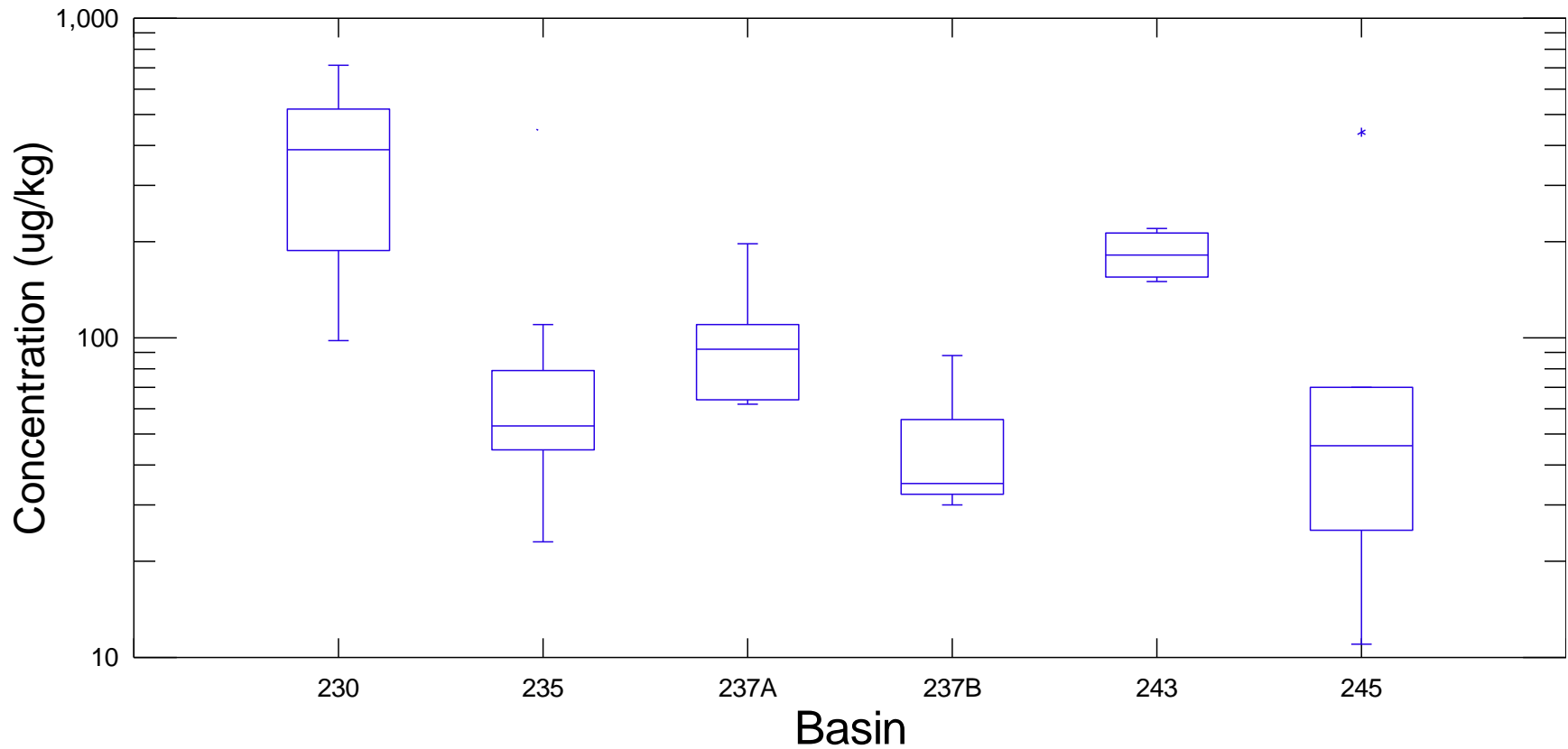


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-43**  
**Total PCBs Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**

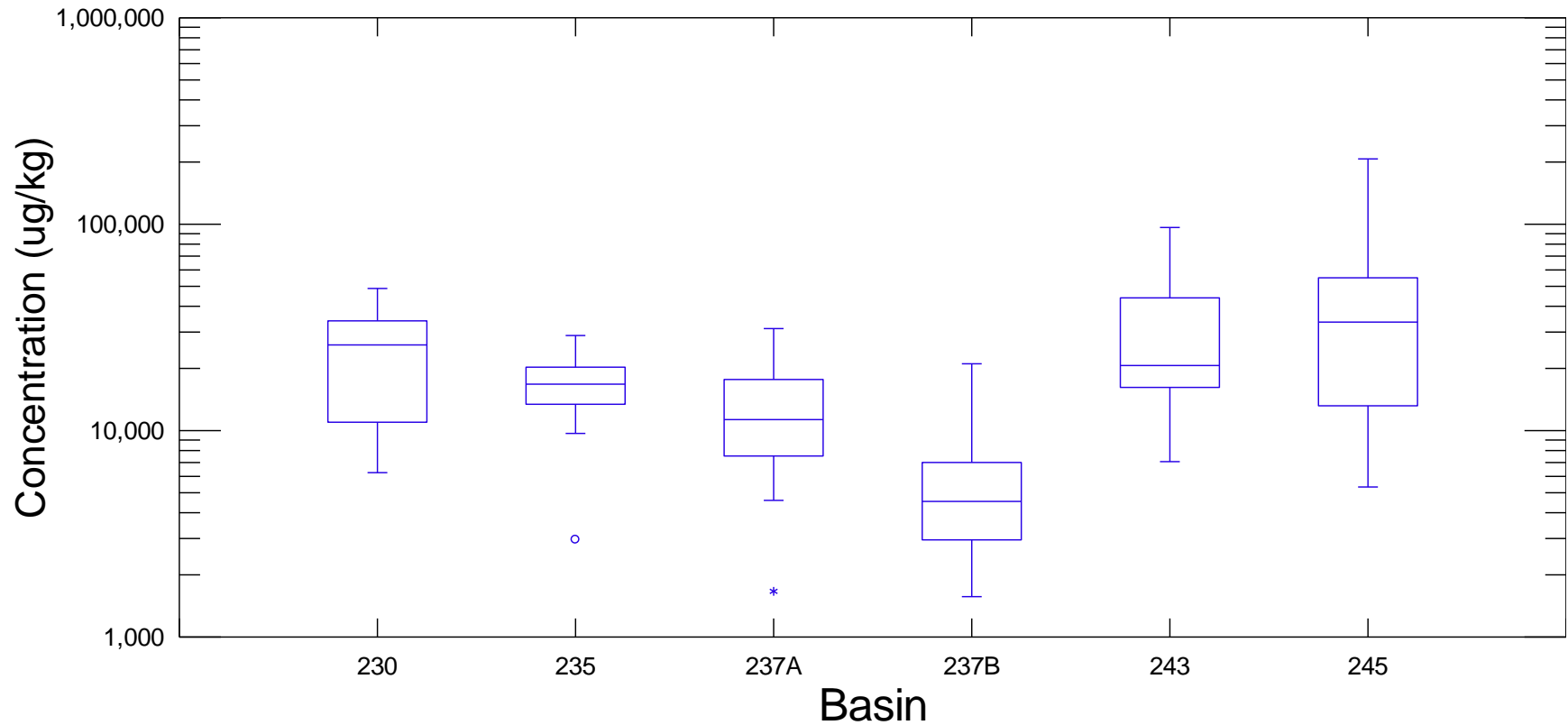


— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.

**Figure F-44**  
**Total Phthalates Basin-by-Basin Comparison in Storm Sediment [Log Scale]**  
**Water Years 2002-2017**



— Median      \* Moderate Outlier      ○ Extreme Outlier

Notes: ^ Extreme outliers exceeding maximum y-scale with result posted.

Tukey Box boundaries display the interquartile range (IQR) of the distribution ranging from the first quartile to the third. The central 50% of data is within the box boundaries. The whiskers represent the remaining data minus the outliers. The moderate outlier value is greater than the third quartile plus 1.5\*IQR or less than the first quartile minus 1.5\*IQR. The extreme outlier value is greater than the third quartile plus 3.0\*IQR or less than the first quartile minus 3.0\*IQR.