

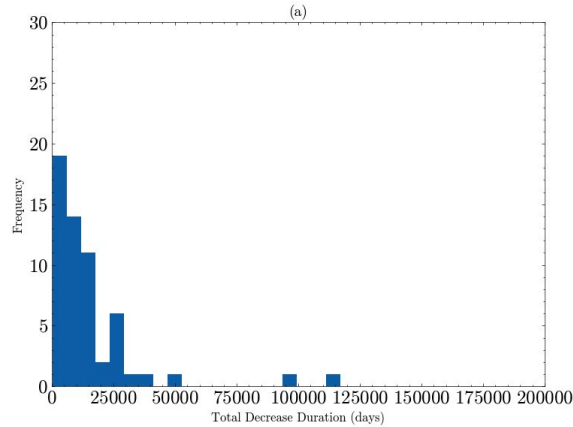
Linear Regression plots

Until 08/19

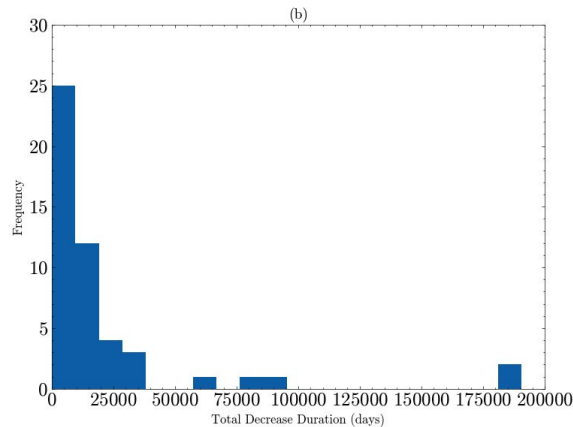
Student: Vu Anh Le

PI: Haruko Murakami Wainwright

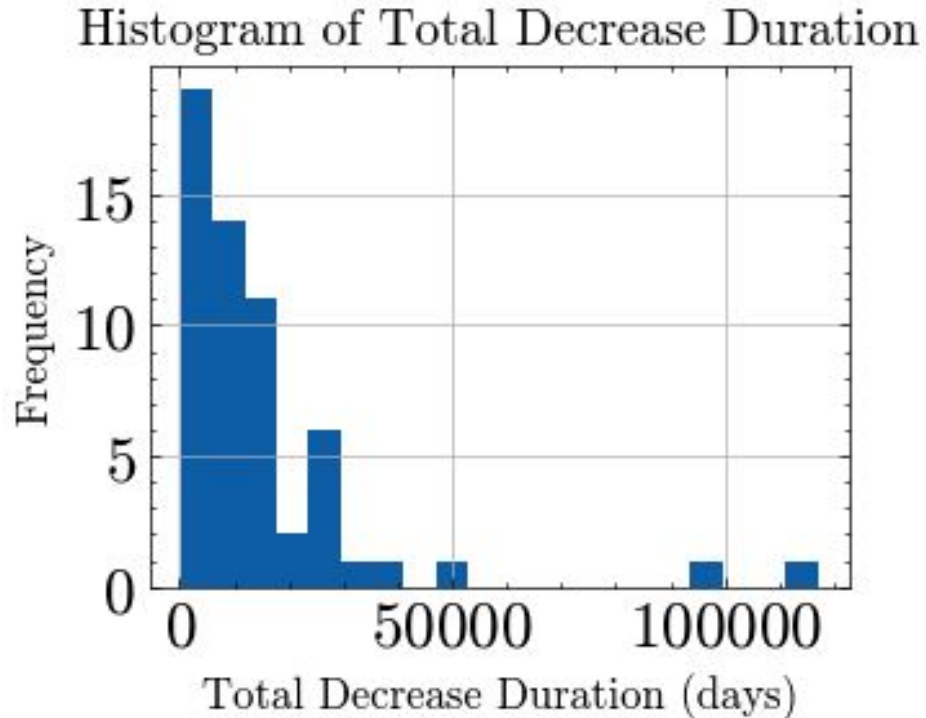
Histogram of time-to-MCL in both analytes Sr-90 and I-129



(a) - Sr-90;
(b) - I-129



Histogram of time-to-MCL in Sr-90



- Overall Total Decrease Duration: 869385 days
- Trend counts:
 - Decrease 65
 - Increase 9
- Average time-to-MCL: 15252.36 days
- Total number of wells in the original dataset for analyte 'STRONTIUM-90': 149
- Number of decreasing wells with time-to-MCL less than 10 years: 12
- Percentage of decreasing wells with time-to-MCL less than 10 years: 18.46%

Histogram of time-to-MCL in Sr-90 (Continued)

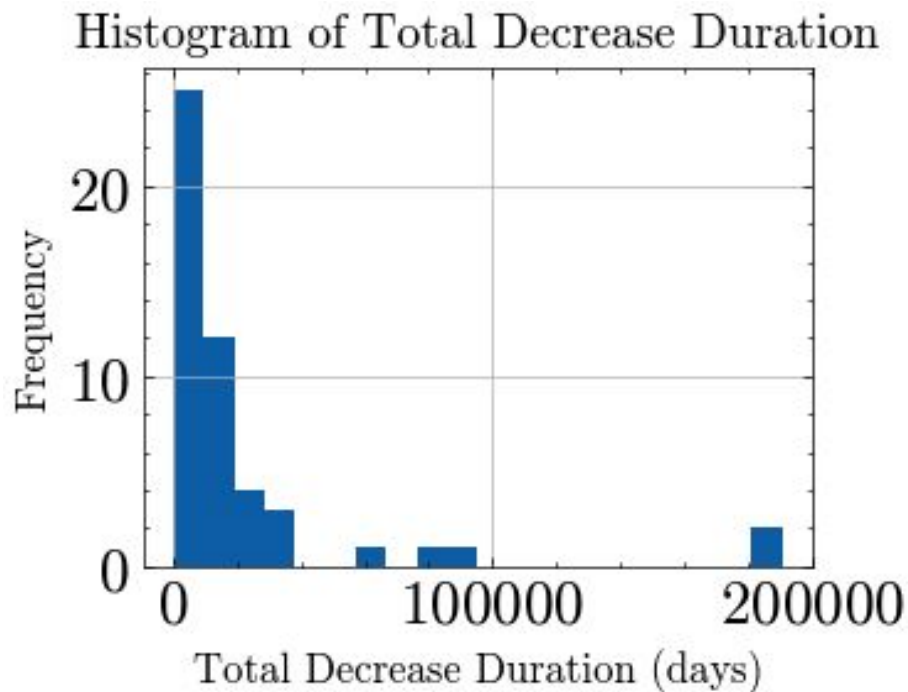
For the whole analyte:

- Decreasing: 65
- Stable: 0
- Increasing: 9

Median Decrease Duration: 9938.0 days

- 25th Percentile Decrease Duration: nan days
- 75th Percentile Decrease Duration: nan days
- Skewness of Decrease Duration Distribution: 3.4207488787140354
- Kurtosis of Decrease Duration Distribution: 13.162900463981707

Histogram of time-to-MCL in I-129



- Overall Total Decrease Duration: 1117162.0 days
- Trend counts:
 - Decrease 59
 - Increase 29
- Average time-to-MCL: 22799.224489795917 days
- Total number of wells in the original dataset for analyte 'IODINE-129': 150
- Number of decreasing wells with time-to-MCL less than 10 years: 7
- Percentage of decreasing wells with time-to-MCL less than 10 years: 11.86%

Histogram of time-to-MCL in I-129 (Continued)

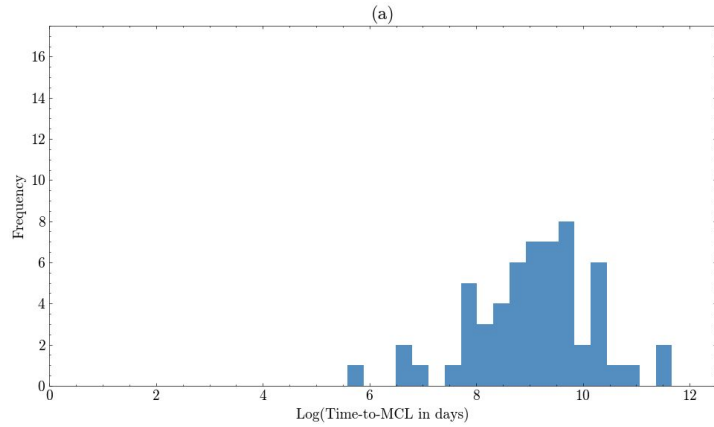
For the whole analyte:

- Decreasing: 59
- Stable: 0
- Increasing: 29

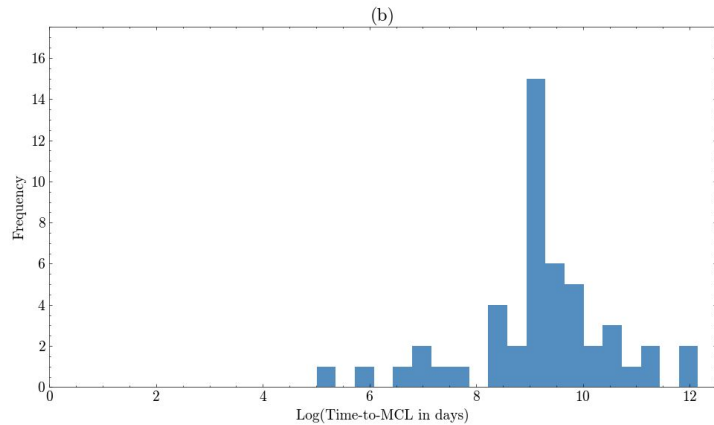
Median Decrease Duration: 9612.0 days

- 25th Percentile Decrease Duration: nan days
- 75th Percentile Decrease Duration: nan days
- Skewness of Decrease Duration Distribution: 3.380728907142712
- Kurtosis of Decrease Duration Distribution: 11.277736659661626

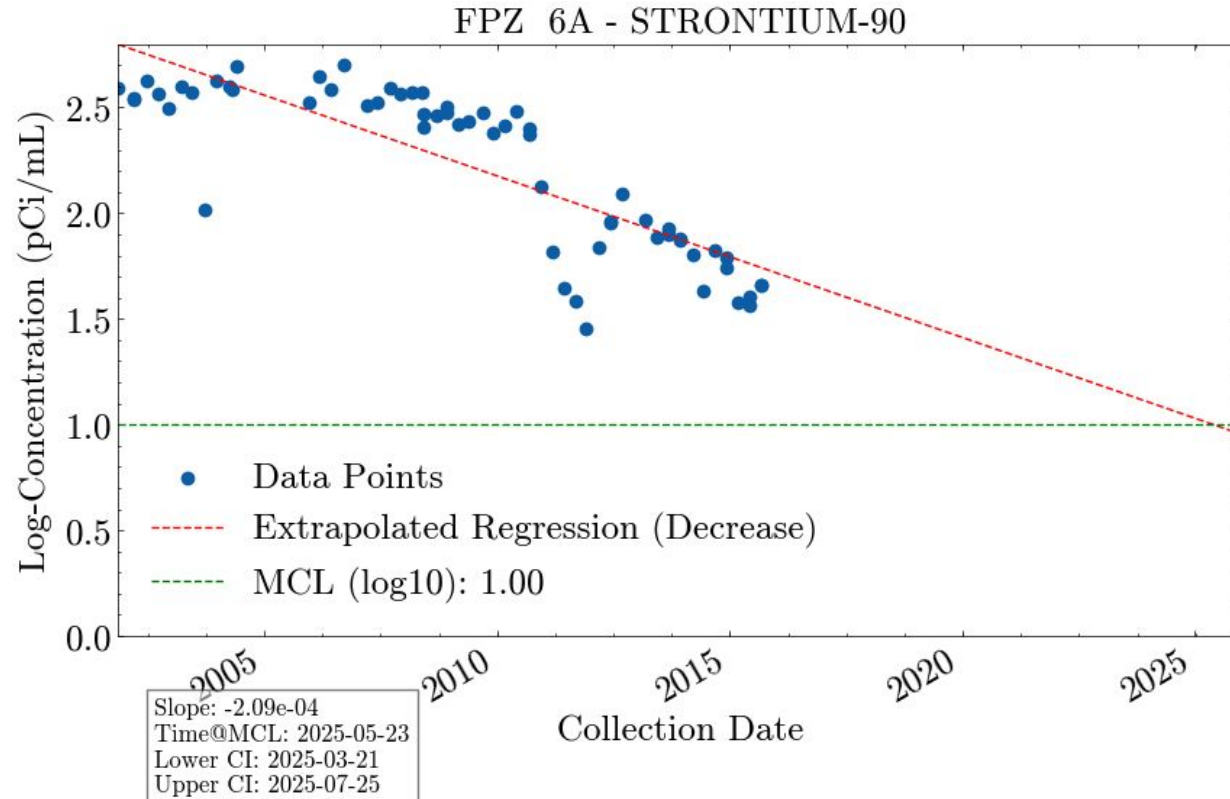
Histogram of log-transformed time-to-MCL in both analytes Sr-90 and I-129



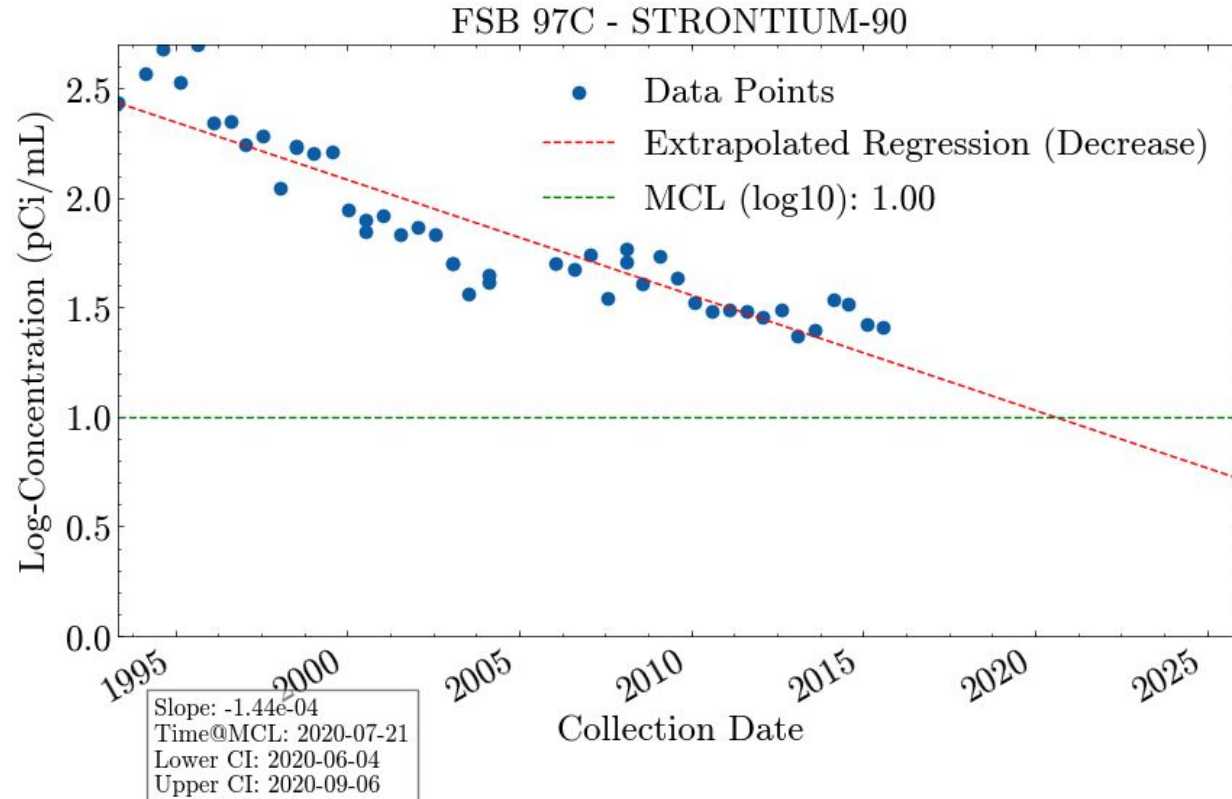
(a) - Sr-90;
(b) - I-129



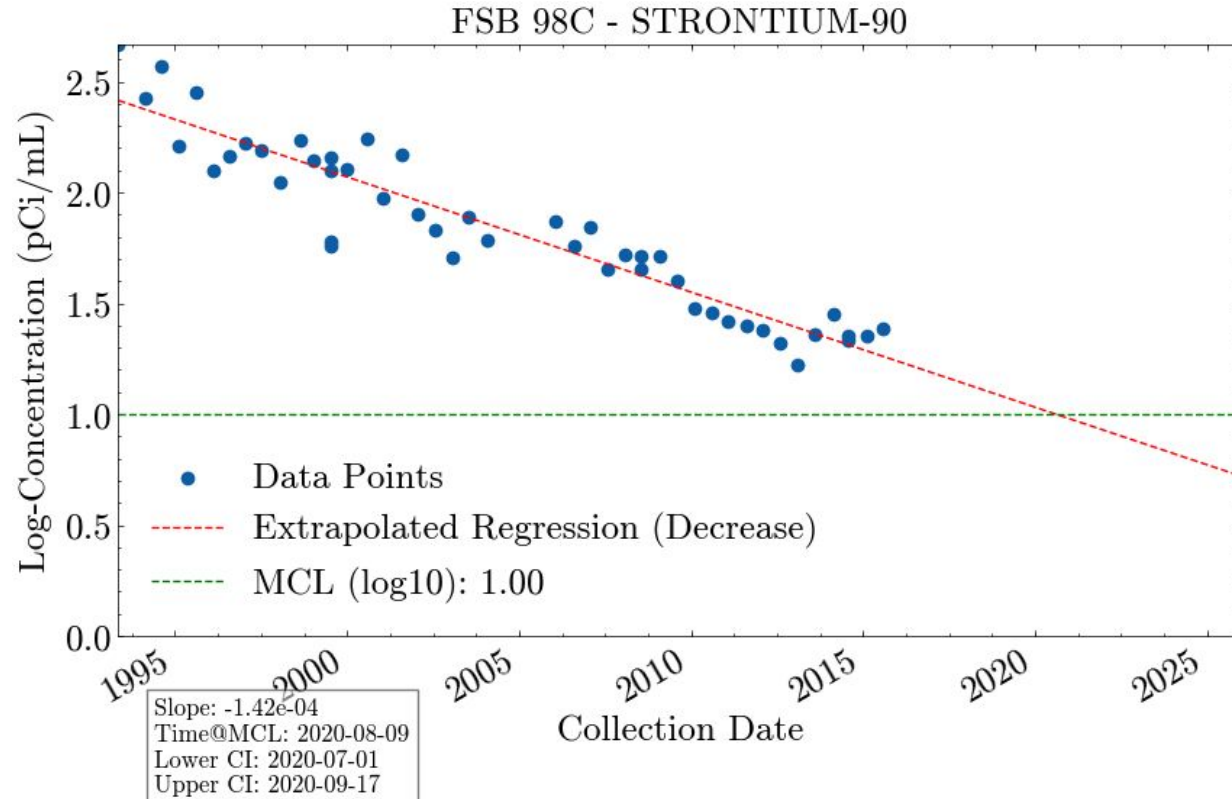
Sample linear regression plots for Sr-90



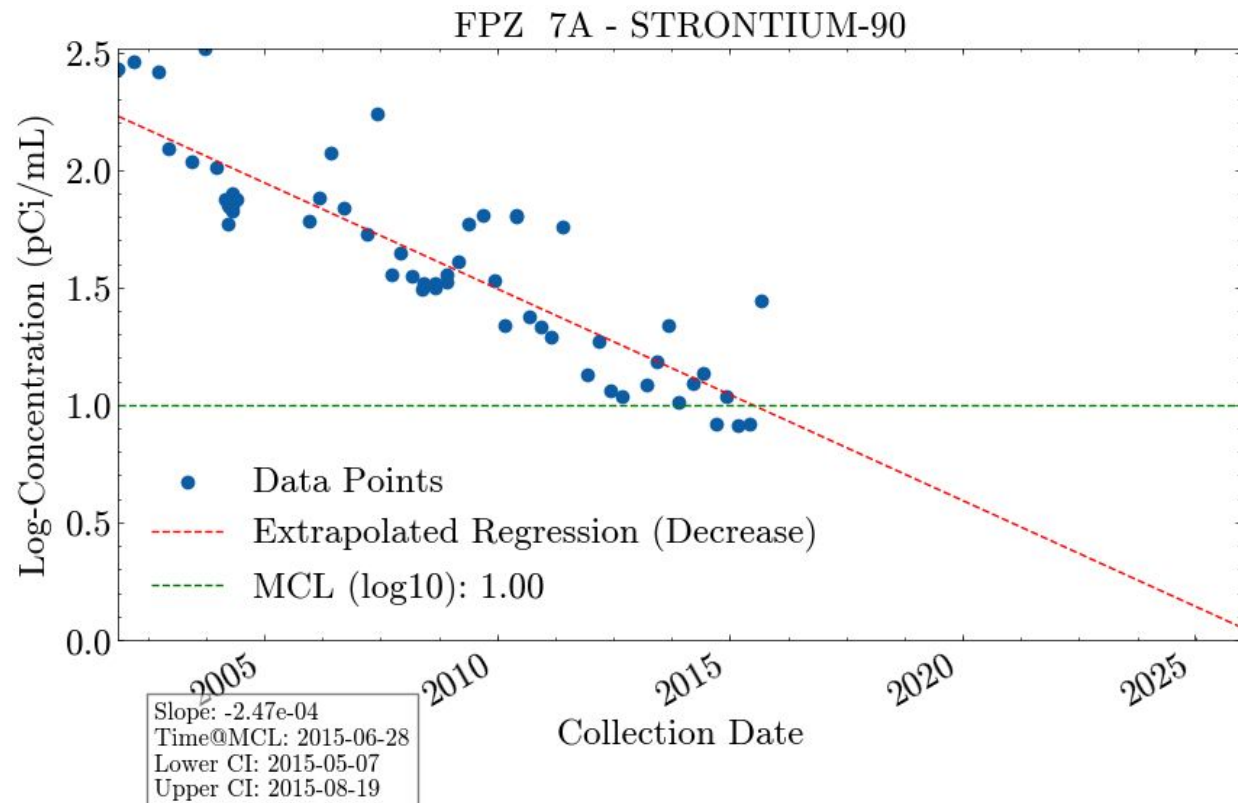
Sample linear regression plots for Sr-90



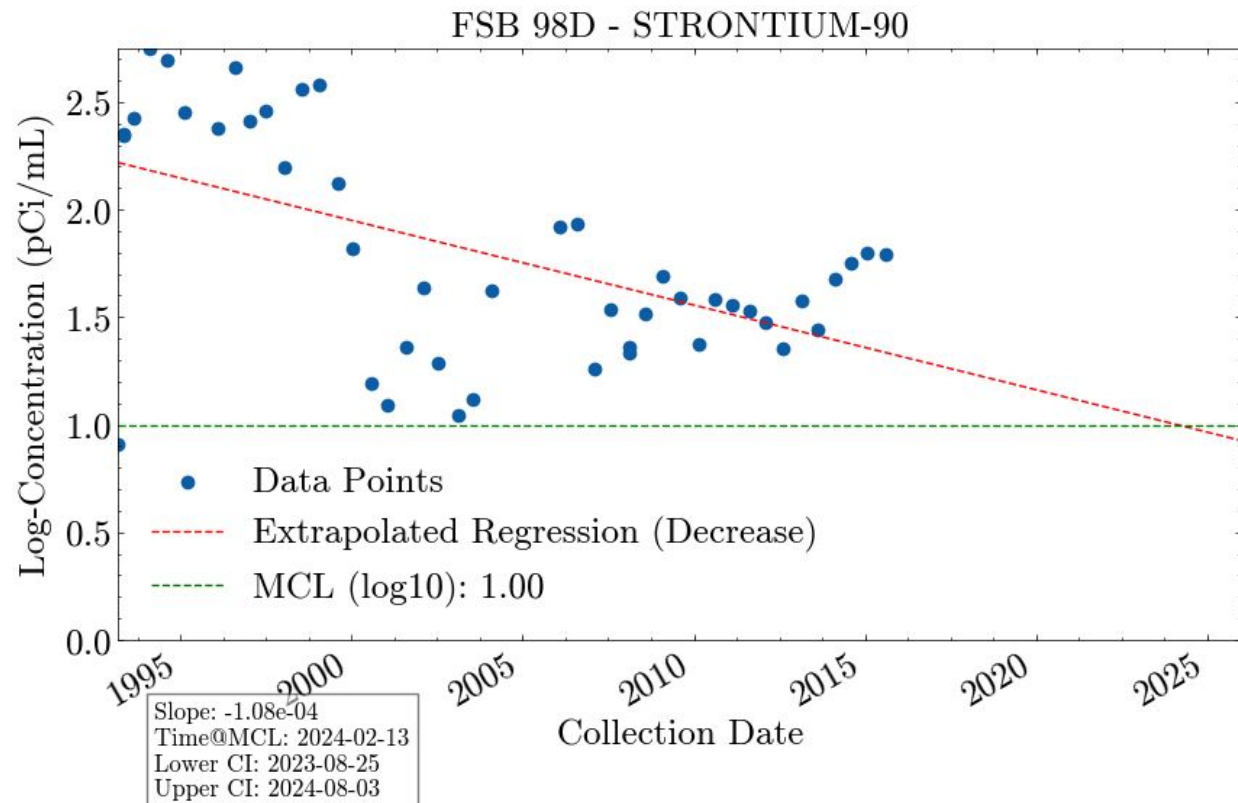
Sample linear regression plots for Sr-90



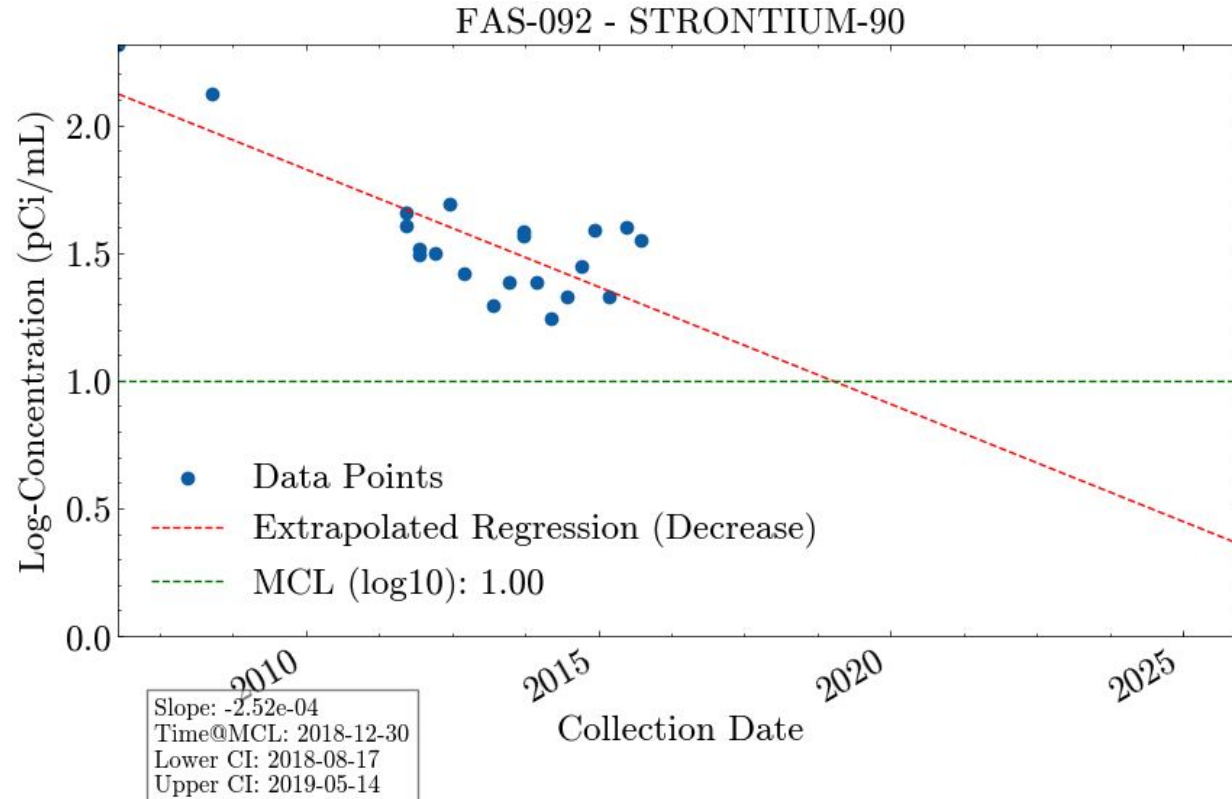
Sample linear regression plots for Sr-90



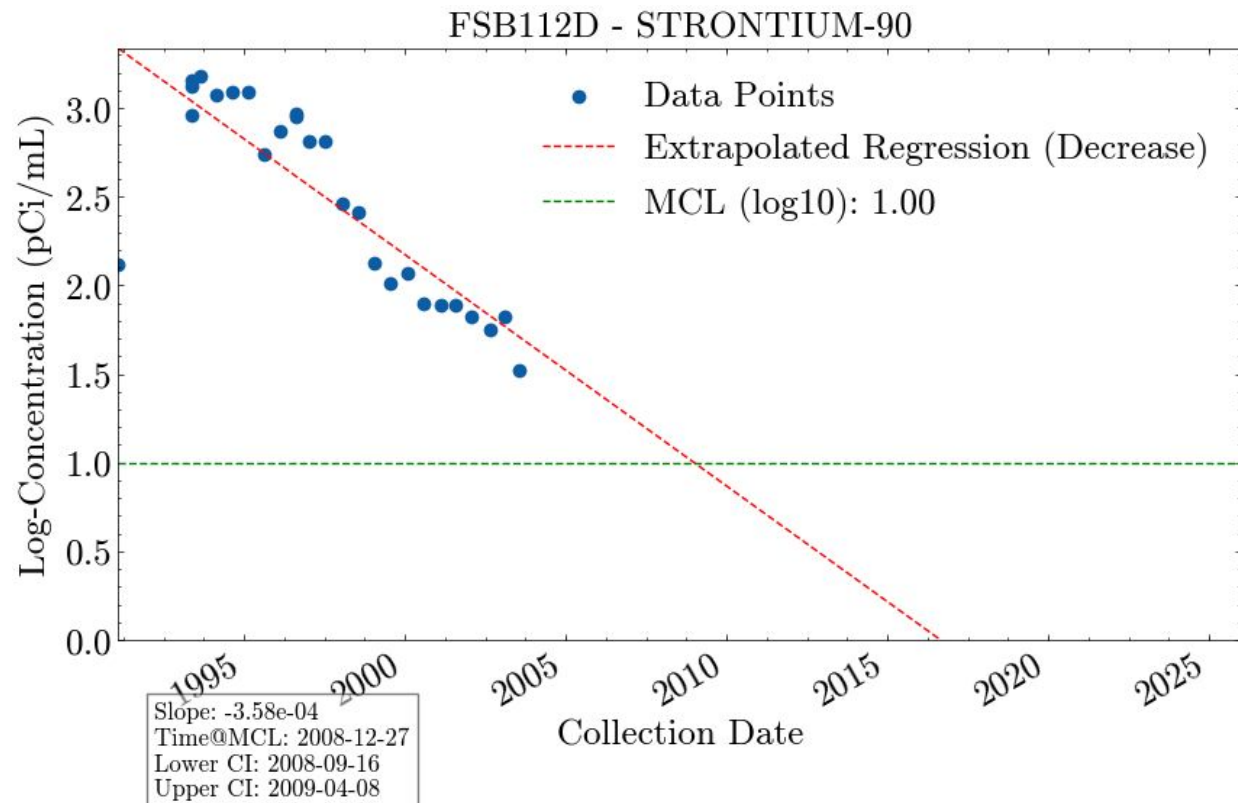
Sample linear regression plots for Sr-90



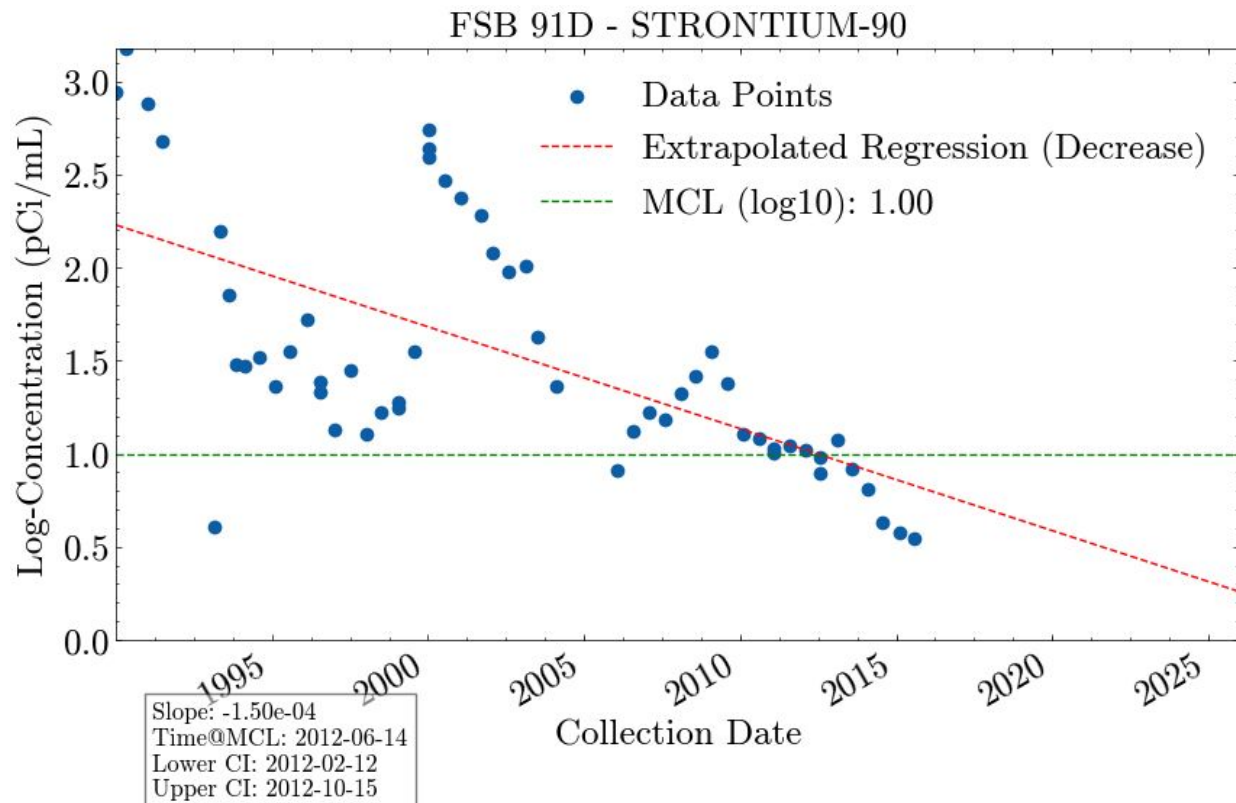
Sample linear regression plots for Sr-90



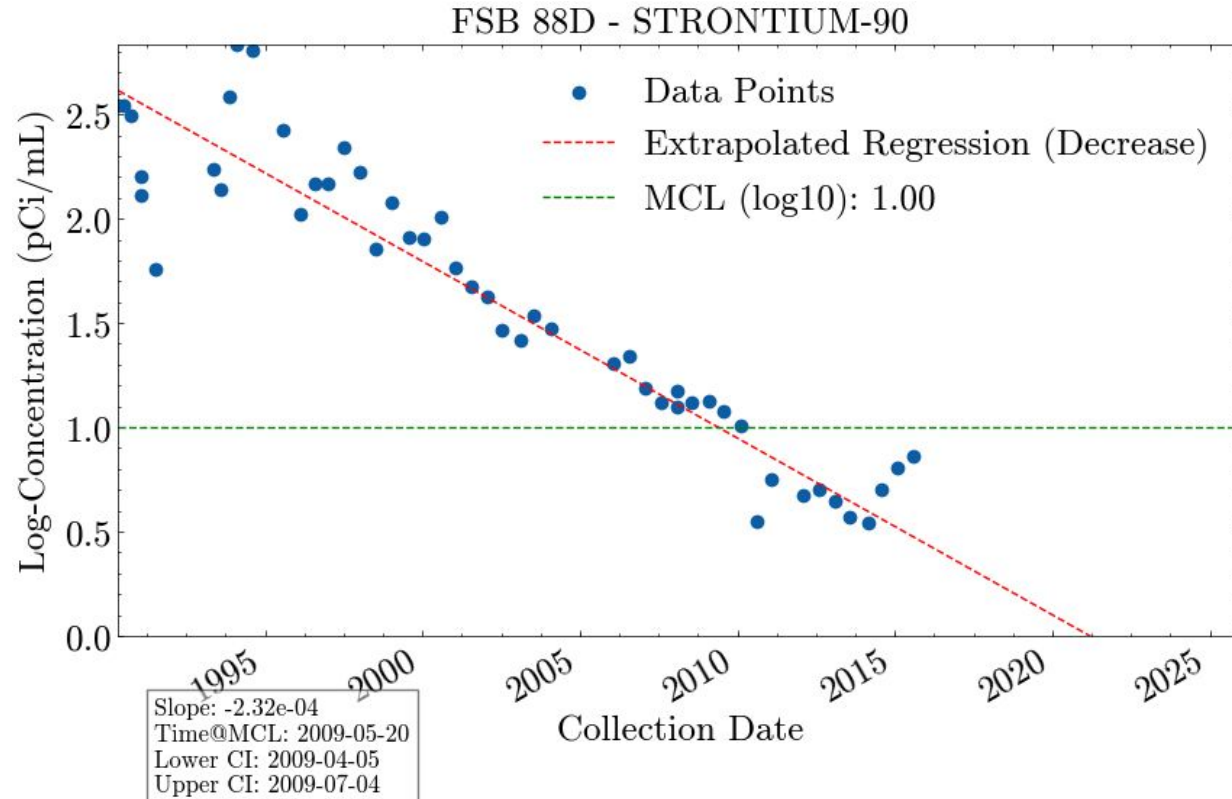
Sample linear regression plots for Sr-90



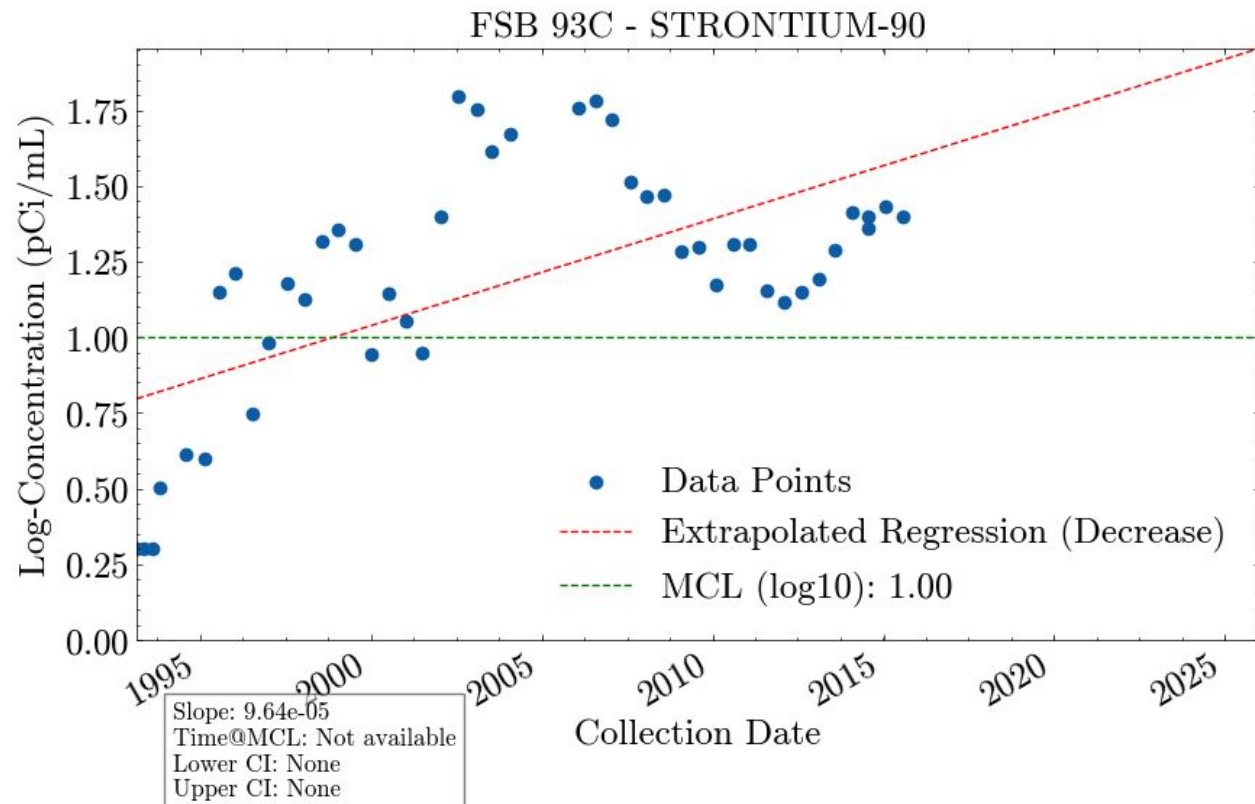
Sample linear regression plots for Sr-90



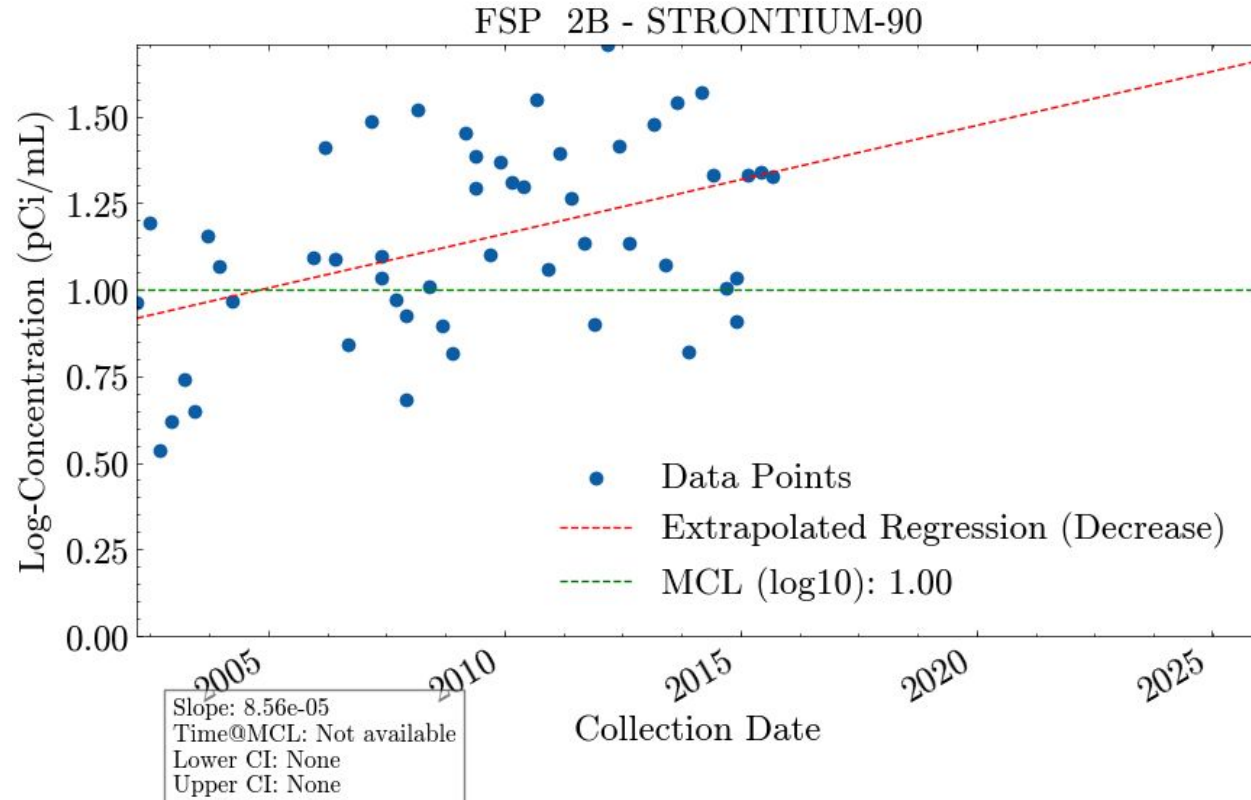
Sample linear regression plots for Sr-90



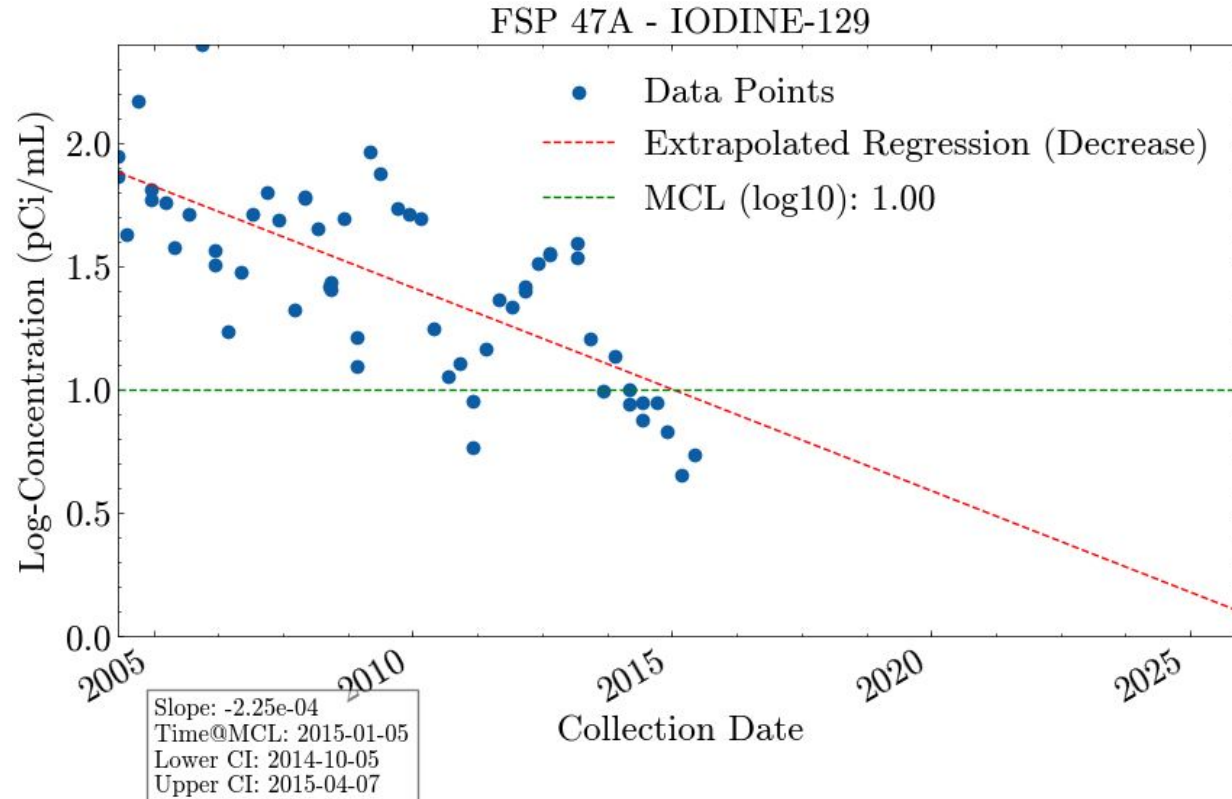
Sample linear regression plots for Sr-90



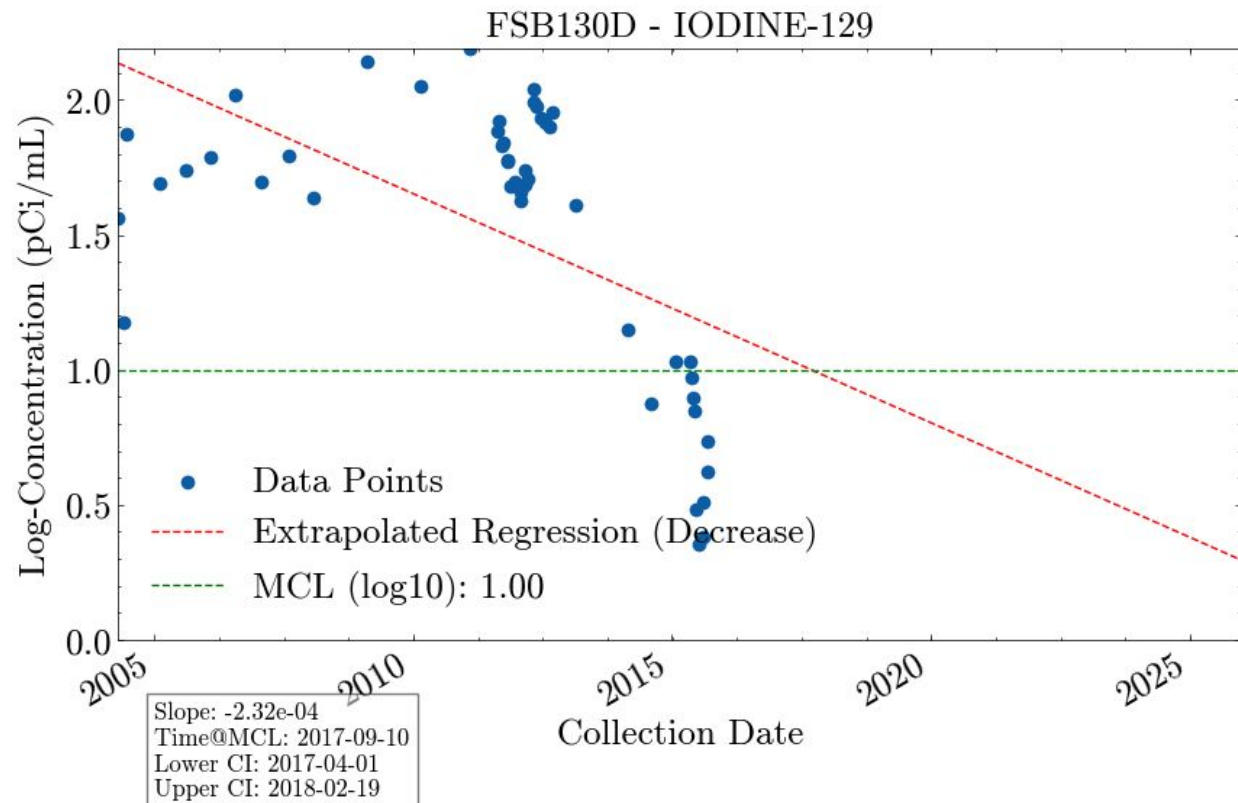
Sample linear regression plots for Sr-90



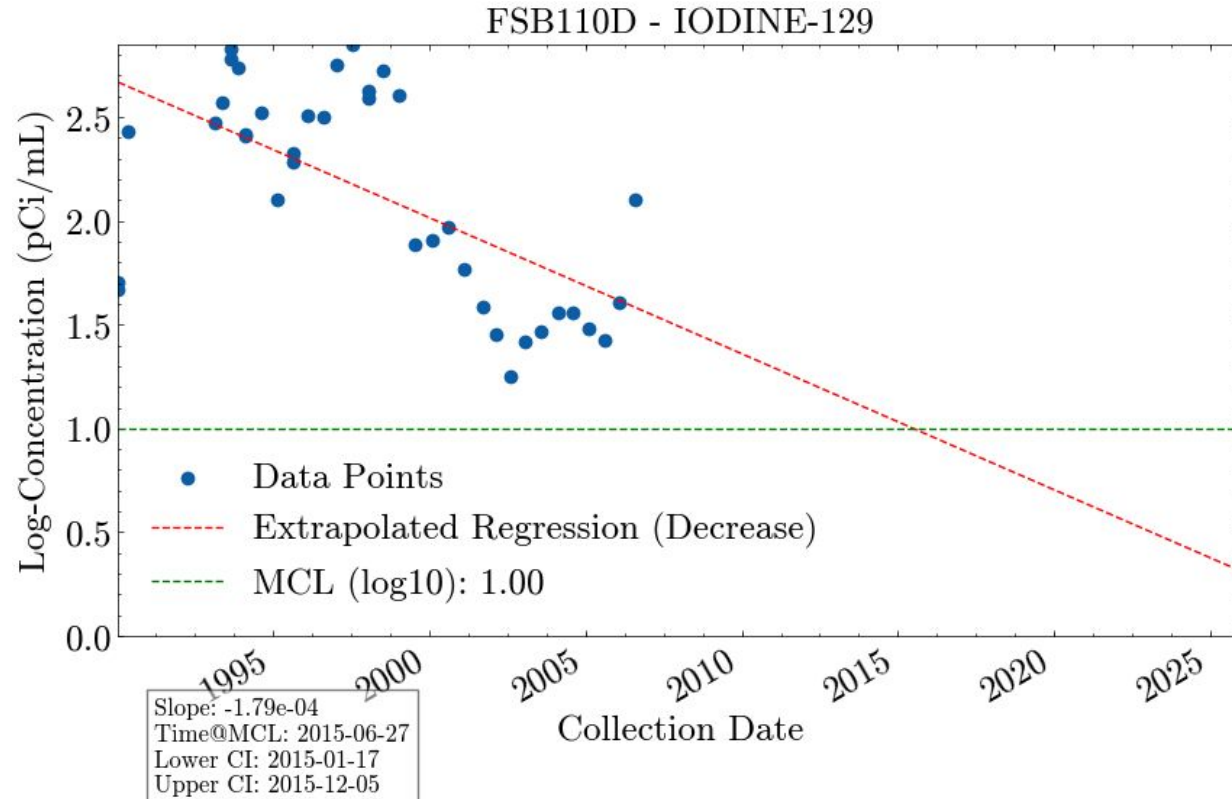
Sample linear regression plots for I-129



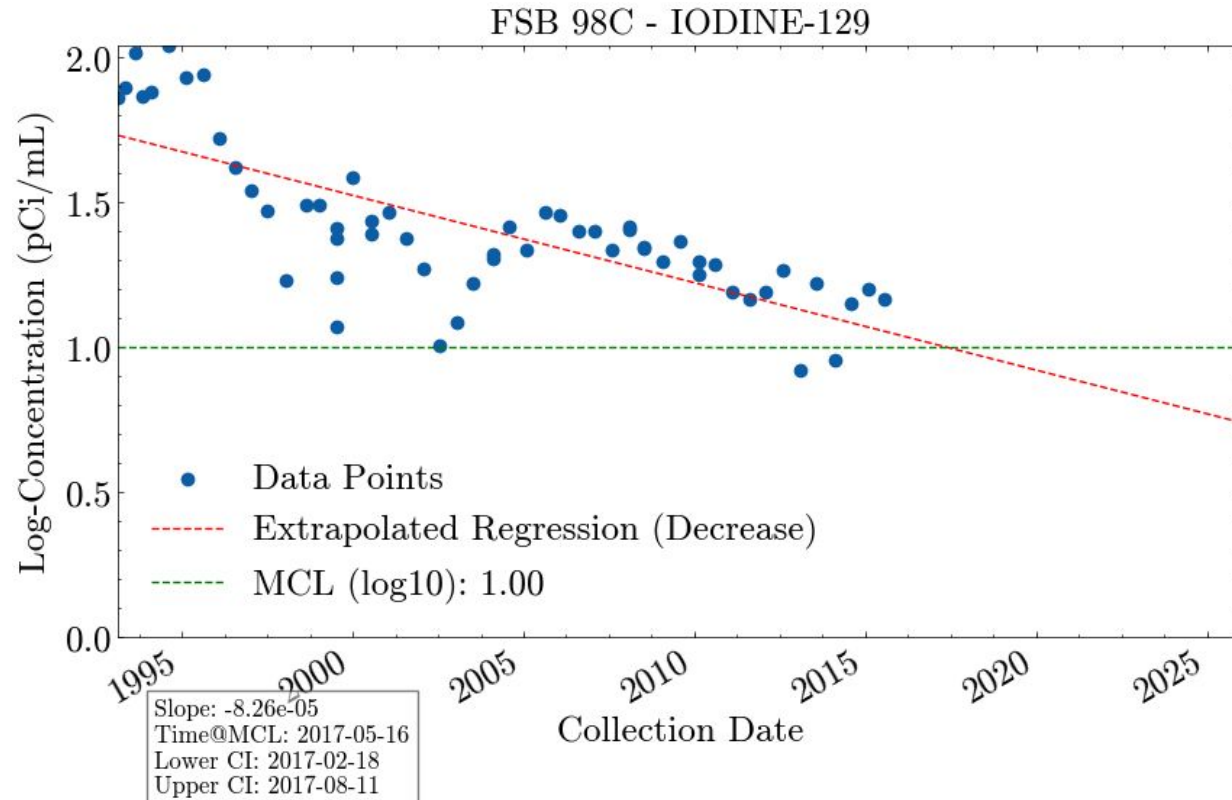
Sample linear regression plots for I-129



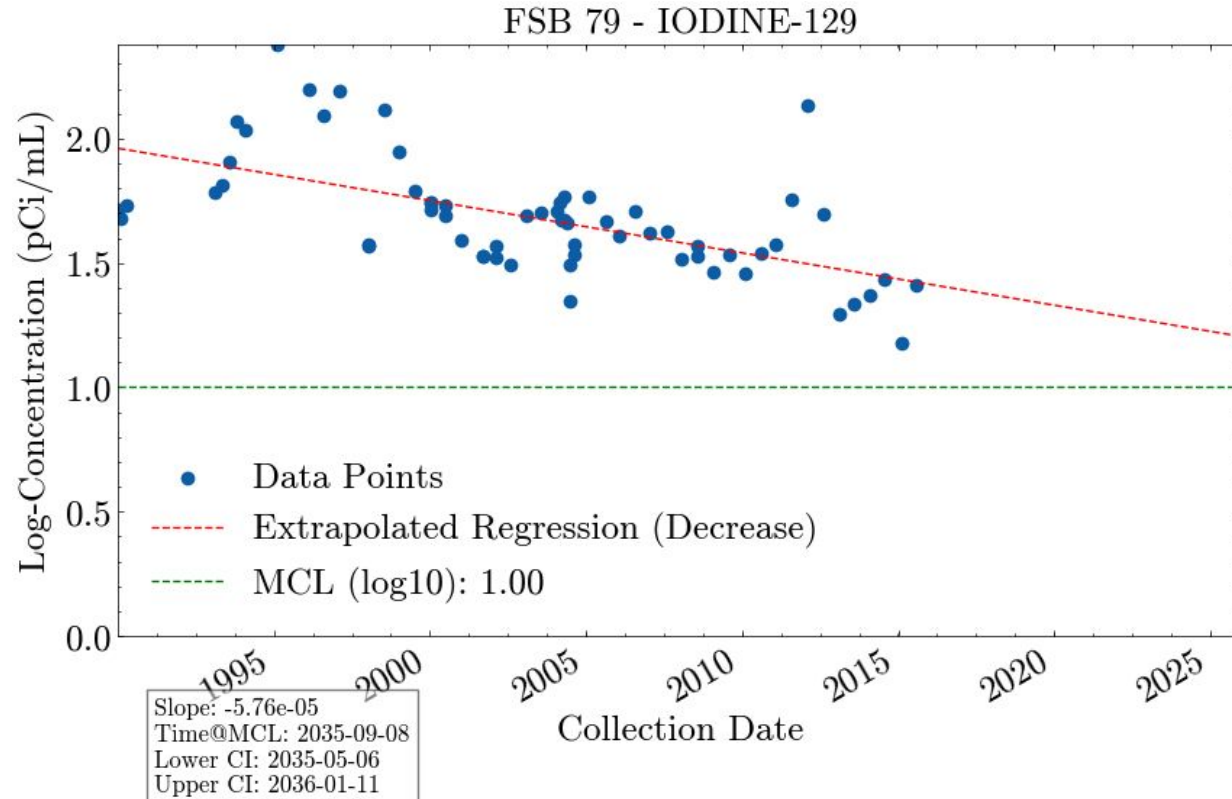
Sample linear regression plots for I-129



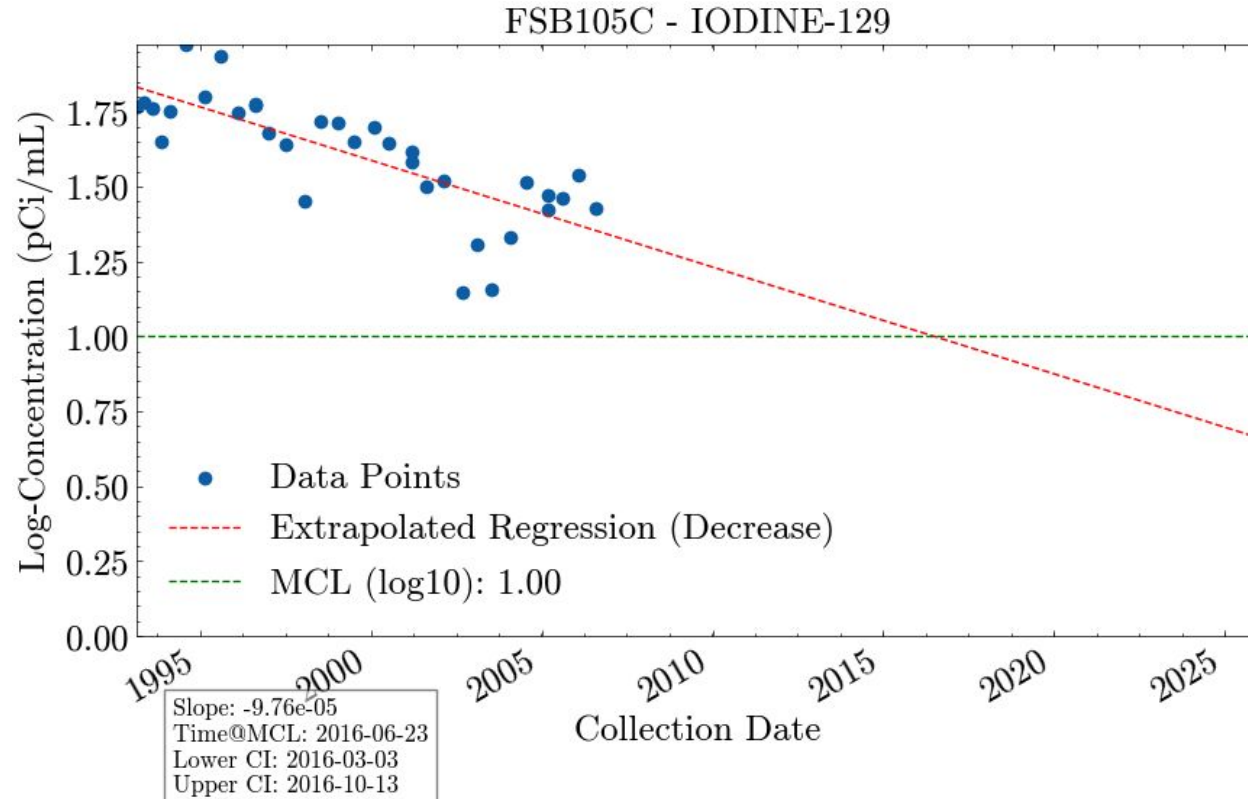
Sample linear regression plots for I-129



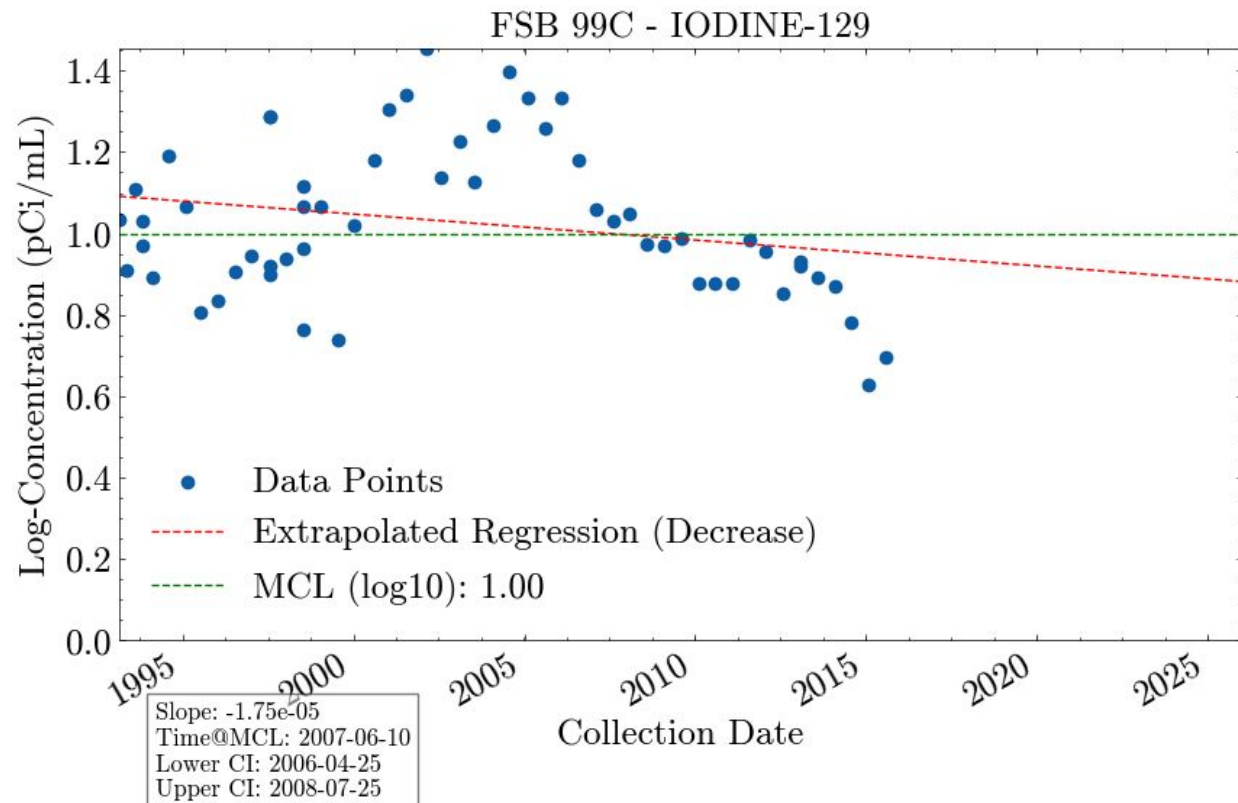
Sample linear regression plots for I-129



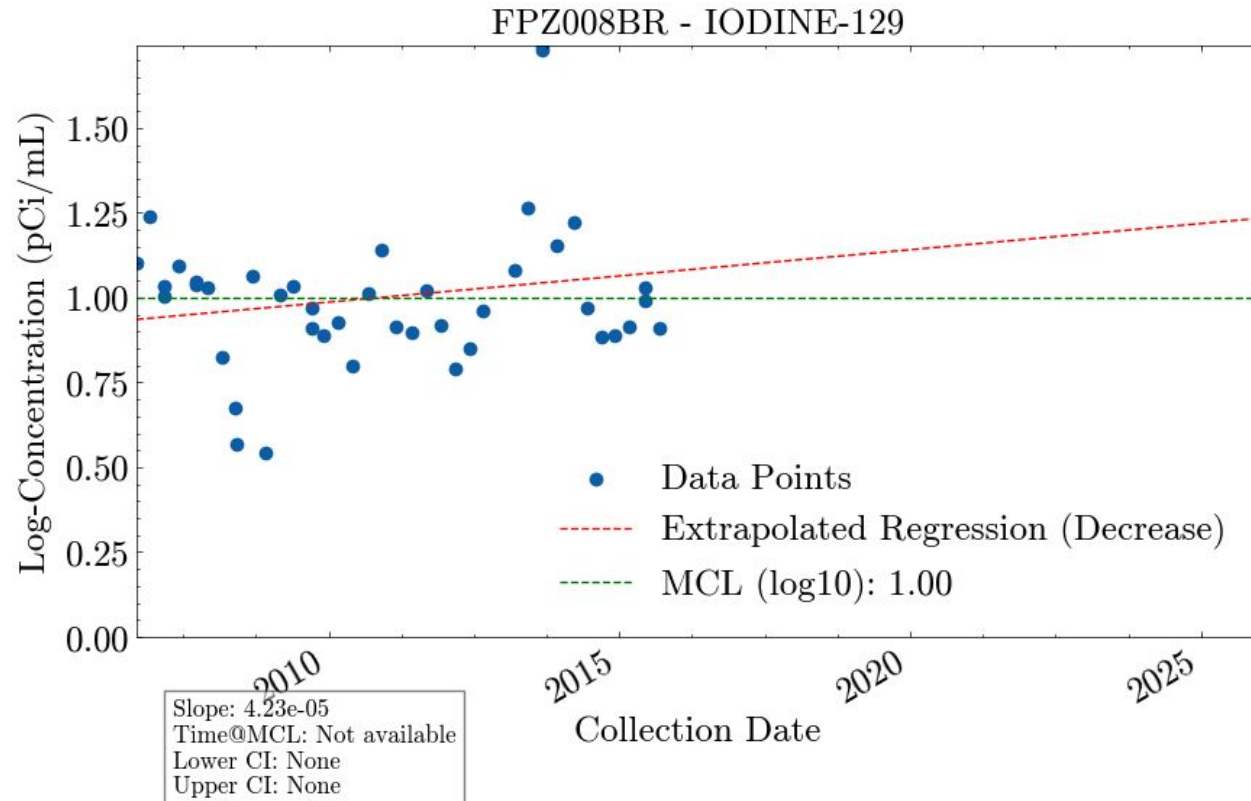
Sample linear regression plots for I-129



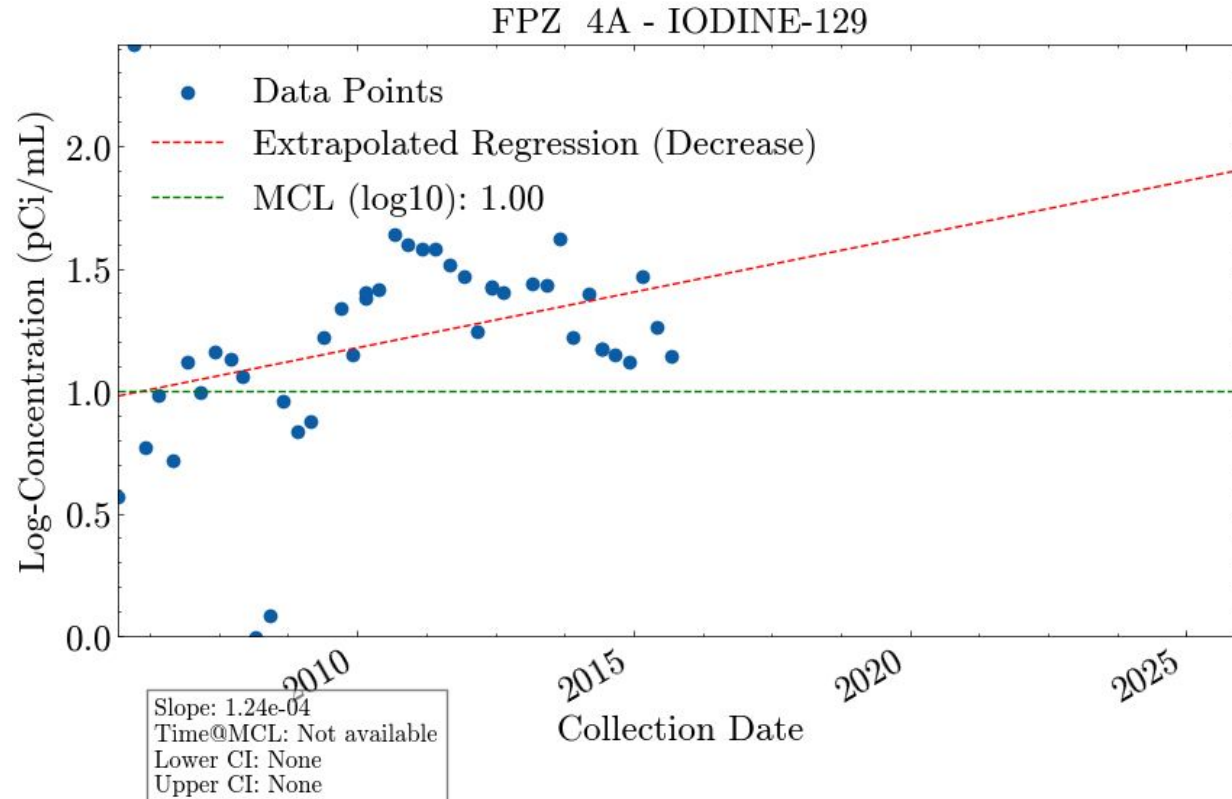
Sample linear regression plots for I-129



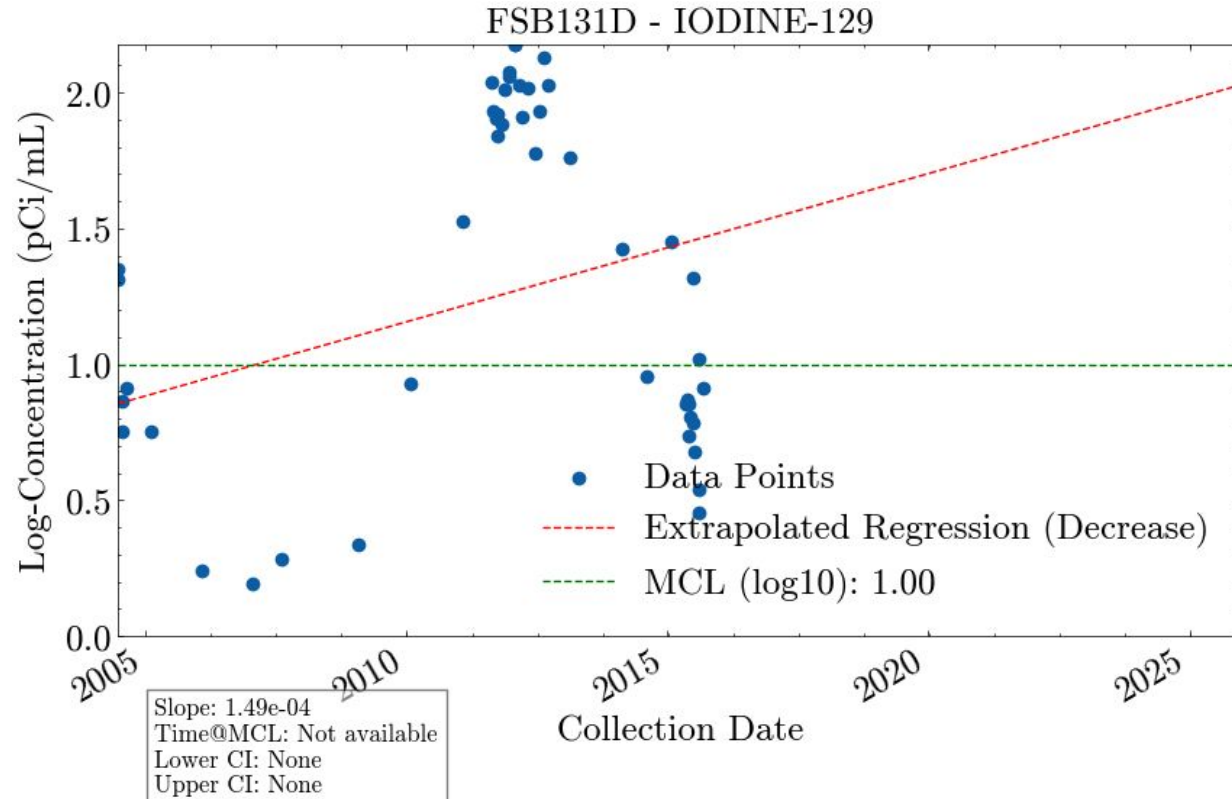
Sample linear regression plots for I-129



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Sample linear regression plots for I-129

