

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112423\  
 Data File : BG059874.D  
 Acq On : 25 Nov 2023 1:47  
 Operator : MA/JU  
 Sample : 05408-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 712-PLAINFIELD-AVE

Quant Time: Nov 25 03:47:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 24 15:11:07 2023  
 Response via : Initial Calibration

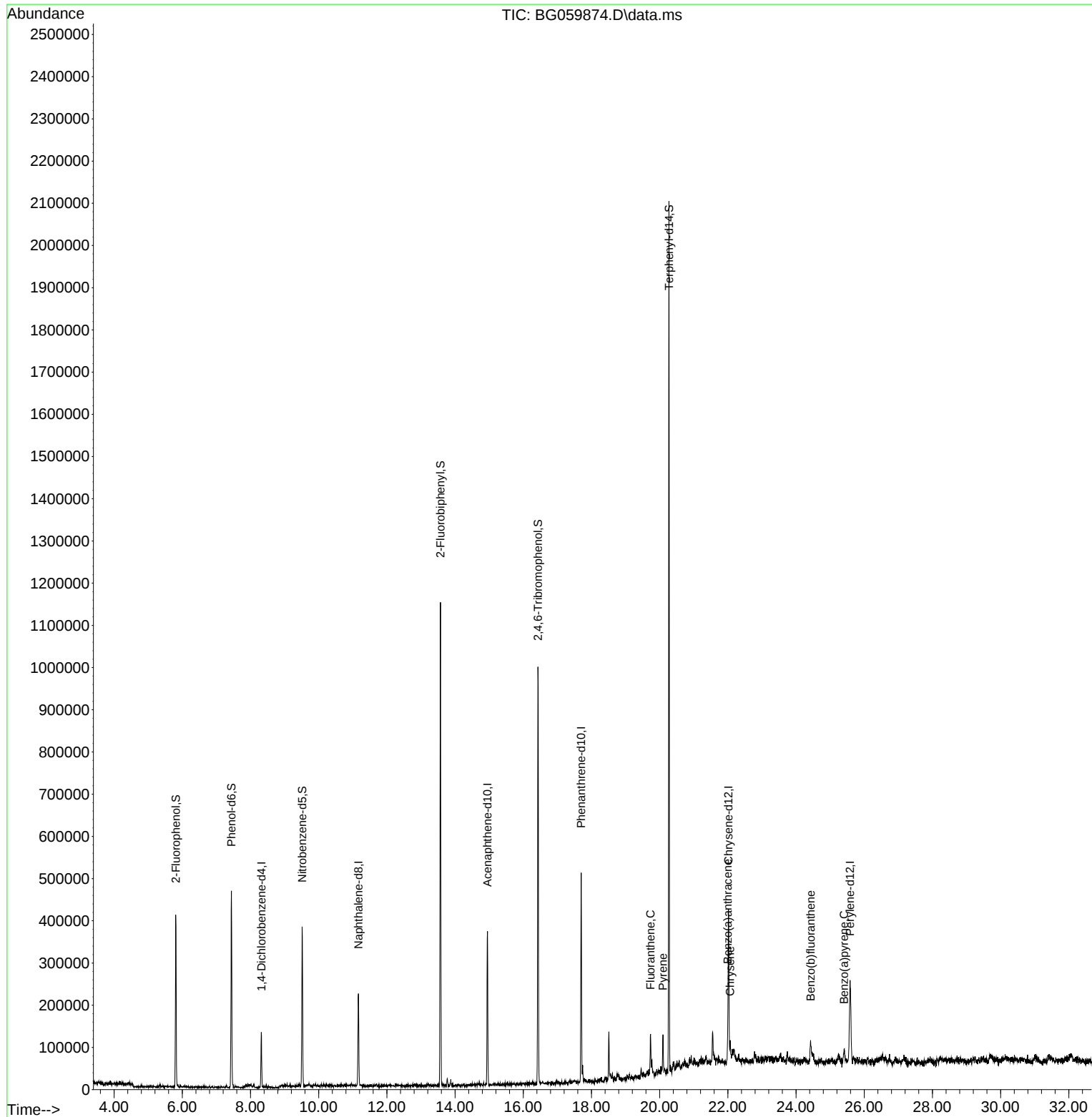
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.323  | 152  | 26117    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.166 | 136  | 154822   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.950 | 164  | 118356   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.700 | 188  | 269250   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.018 | 240  | 208201   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 25.585 | 264  | 230557   | 20.000  | ng    | -0.03    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.814  | 112  | 133271   | 85.888  | ng    | 0.00     |
| 7) Phenol-d6                | 7.441  | 99   | 211207   | 91.851  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.515  | 82   | 232225   | 57.286  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.437 | 330  | 140684   | 104.762 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.570 | 172  | 495244   | 56.323  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.273 | 244  | 812347   | 57.599  | ng    | 0.00     |
| Target Compounds            |        |      |          |         |       |          |
|                             |        |      |          |         |       | Qvalue   |
| 75) Fluoranthene            | 19.733 | 202  | 61231    | 3.730   | ng    | 99       |
| 78) Pyrene                  | 20.097 | 202  | 53037    | 3.744   | ng    | 98       |
| 81) Benzo(a)anthracene      | 22.001 | 228  | 30416    | 2.135   | ng    | # 87     |
| 83) Chrysene                | 22.071 | 228  | 31691    | 2.427   | ng    | # 85     |
| 88) Benzo(b)fluoranthene    | 24.433 | 252  | 40547    | 3.209   | ng    | # 98     |
| 90) Benzo(a)pyrene          | 25.409 | 252  | 33183    | 2.460   | ng    | # 87     |
| -----                       |        |      |          |         |       |          |

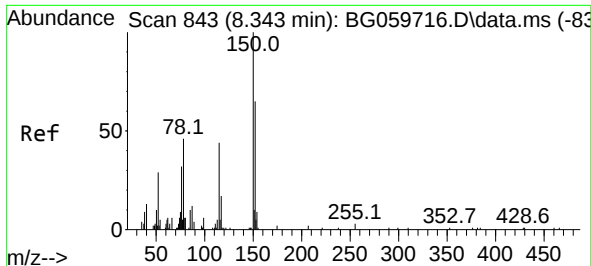
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112423\  
Data File : BG059874.D  
Acq On : 25 Nov 2023 1:47  
Operator : MA/JU  
Sample : 05408-07  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

Quant Time: Nov 25 03:47:56 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Nov 24 15:11:07 2023  
Response via : Initial Calibration

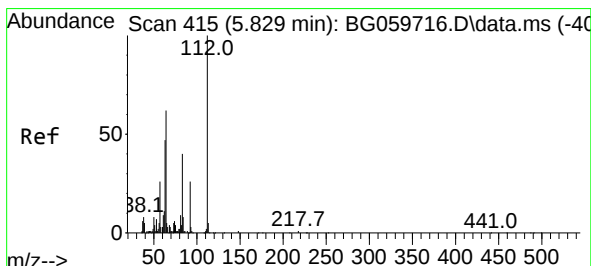
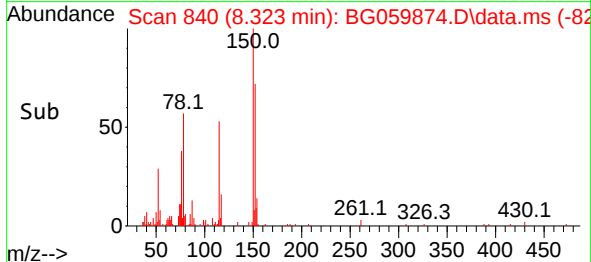
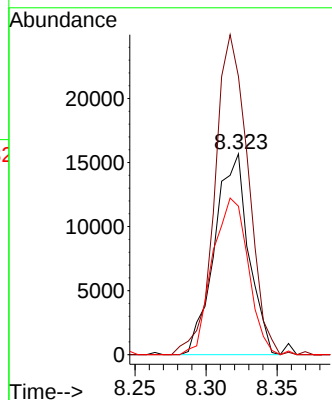
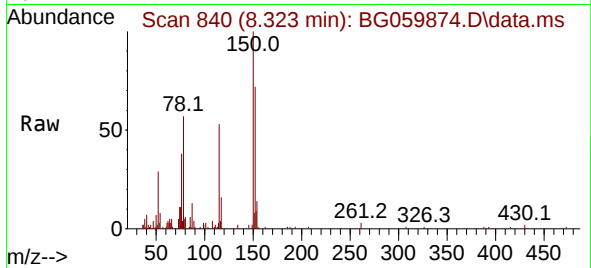




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.323 min Scan# 843  
Delta R.T. 0.008 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

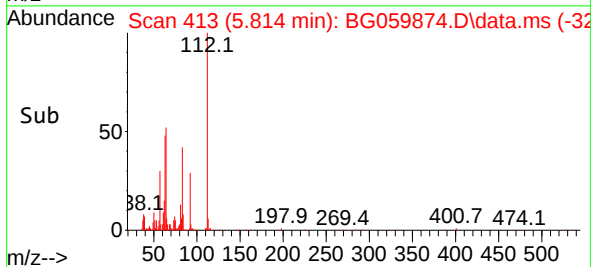
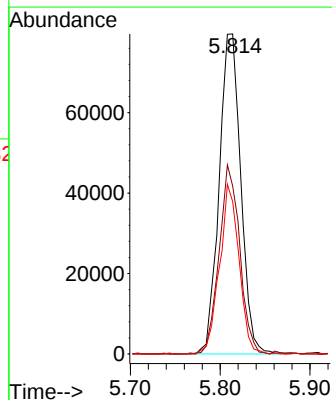
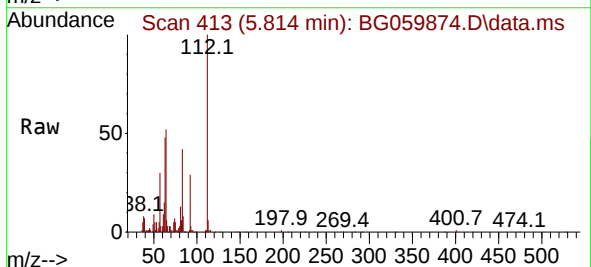
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

Tgt Ion:152 Resp: 26117  
Ion Ratio Lower Upper  
152 100  
150 138.5 122.2 183.4  
115 74.0 54.2 81.4



#5  
2-Fluorophenol  
Concen: 85.888 ng  
RT: 5.814 min Scan# 413  
Delta R.T. 0.002 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:112 Resp: 133271  
Ion Ratio Lower Upper  
112 100  
64 52.4 49.5 74.3  
63 47.6 37.4 56.2

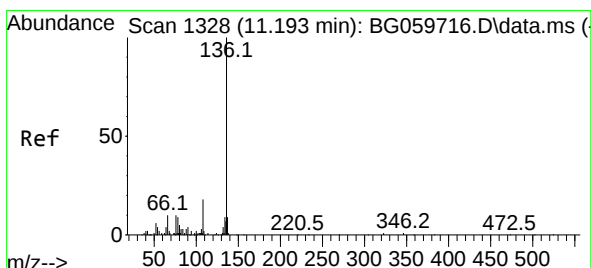
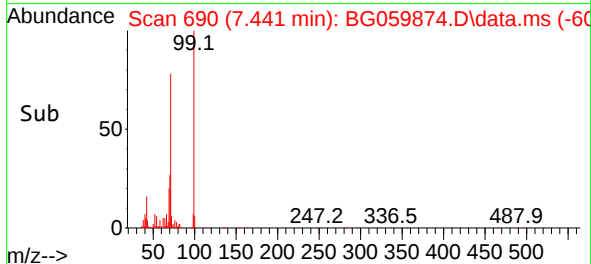
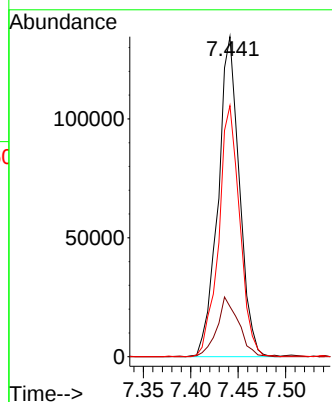
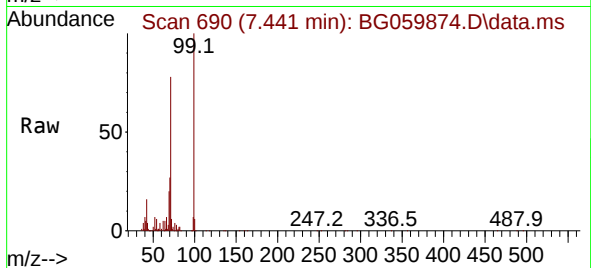




#7  
Phenol-d6  
Concen: 91.851 ng  
RT: 7.441 min Scan# 691  
Delta R.T. -0.004 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

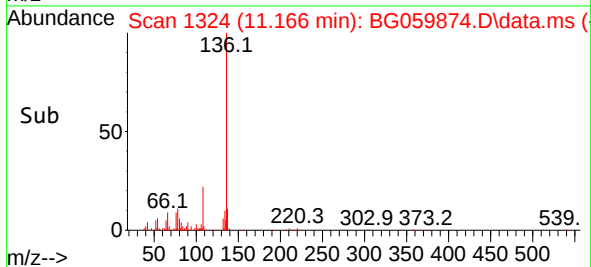
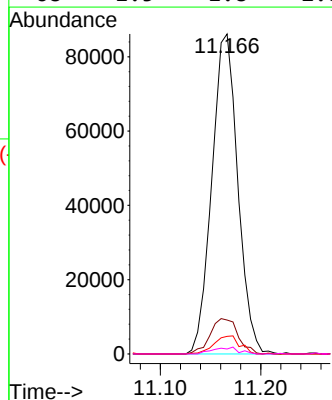
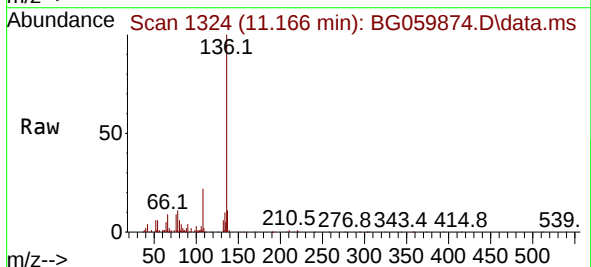
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

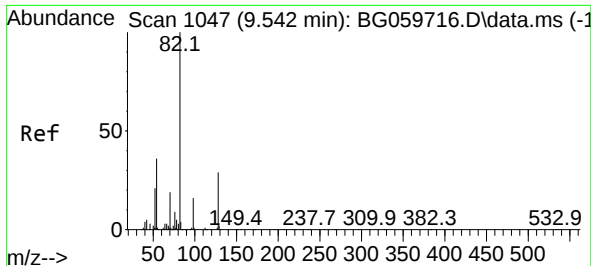
Tgt Ion: 99 Resp: 211207  
Ion Ratio Lower Upper  
99 100  
42 15.6 14.3 21.5  
71 78.5 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.166 min Scan# 1324  
Delta R.T. -0.004 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion: 136 Resp: 154822  
Ion Ratio Lower Upper  
136 100  
137 10.6 7.4 11.0  
54 5.5 3.1 4.7#  
68 1.5 1.8 2.8#





#23

Nitrobenzene-d5

Concen: 57.286 ng

RT: 9.515 min Scan# 1043

Delta R.T. -0.010 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

Instrument :

BNA\_G

ClientSampleId :

712-PLAINFIELD-AVE

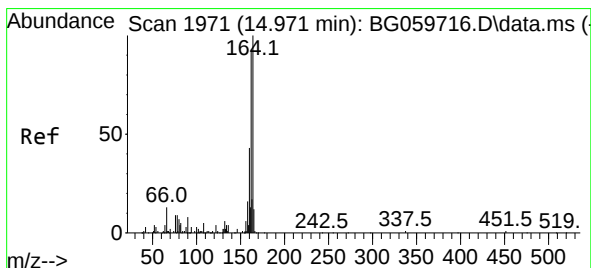
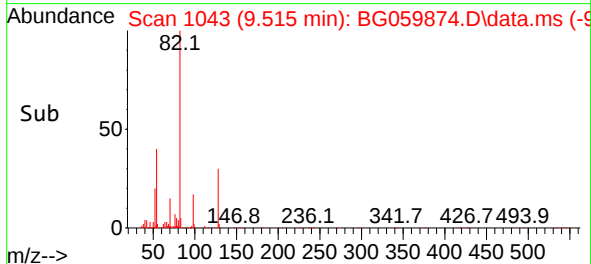
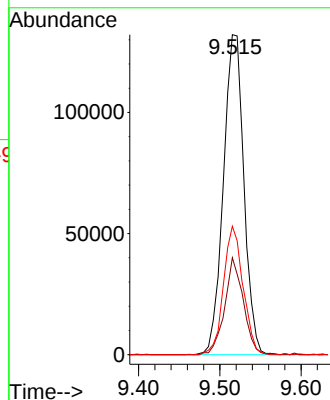
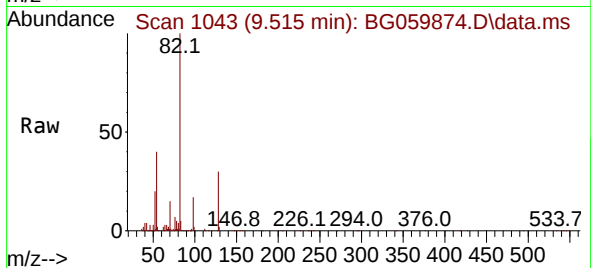
Tgt Ion: 82 Resp: 232225

Ion Ratio Lower Upper

82 100

128 30.3 23.0 34.6

54 40.1 28.7 43.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.950 min Scan# 1968

Delta R.T. -0.004 min

Lab File: BG059874.D

Acq: 25 Nov 2023 1:47

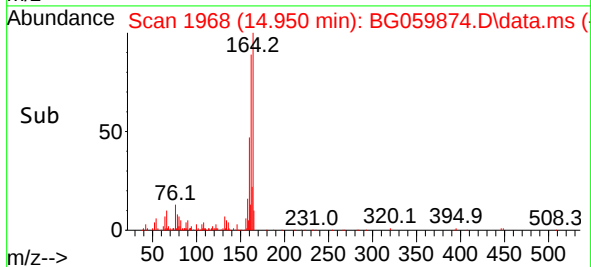
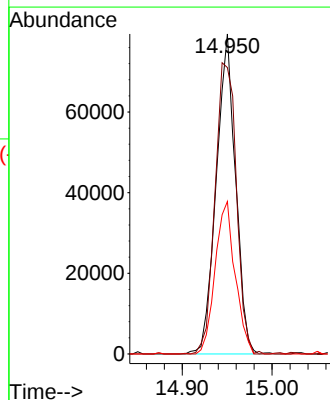
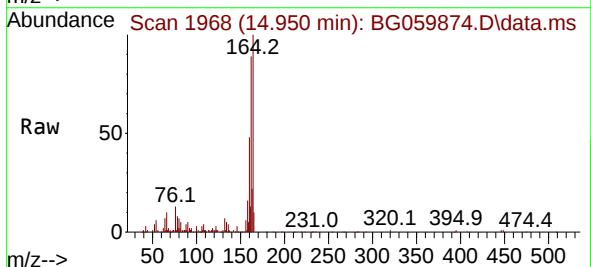
Tgt Ion:164 Resp: 118356

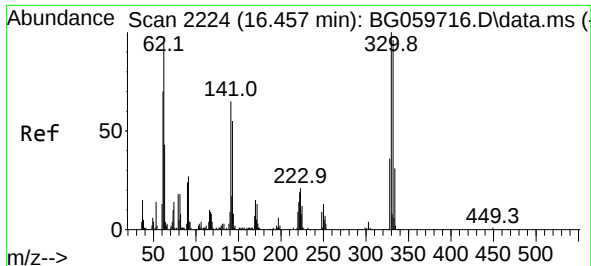
Ion Ratio Lower Upper

164 100

162 89.5 73.3 109.9

160 47.7 34.1 51.1

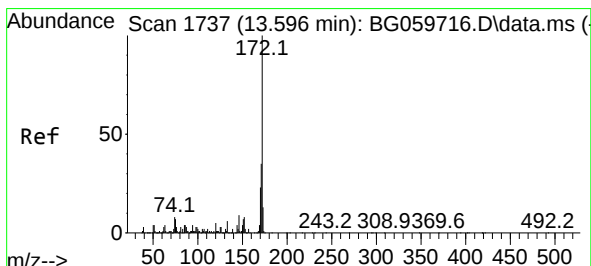
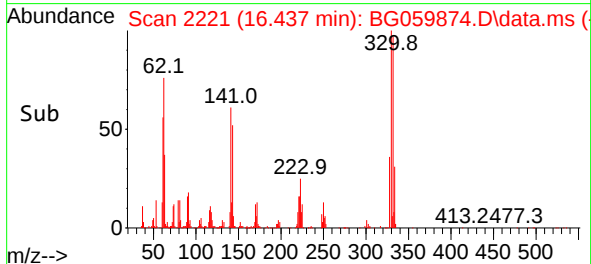
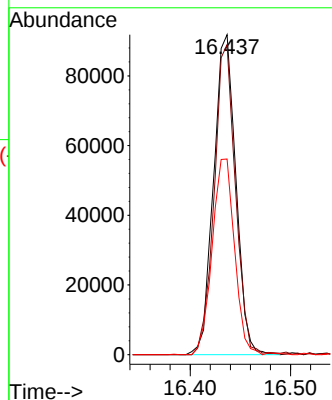
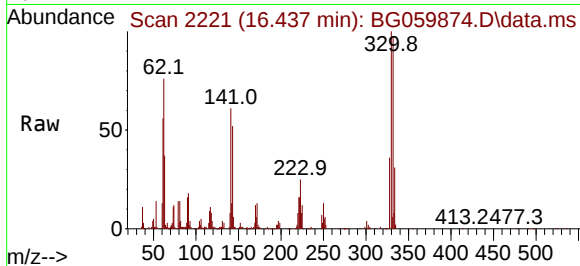




#42  
2,4,6-Tribromophenol  
Concen: 104.762 ng  
RT: 16.437 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

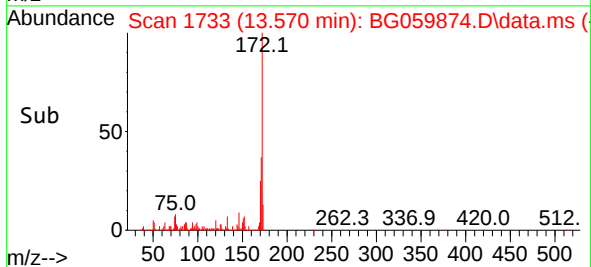
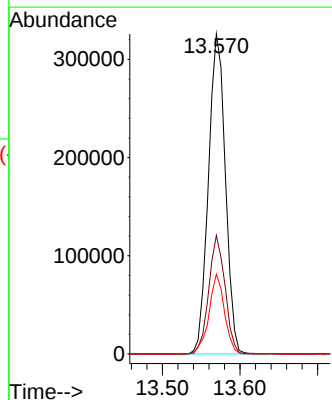
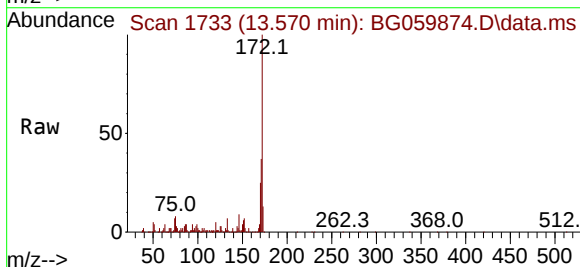
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

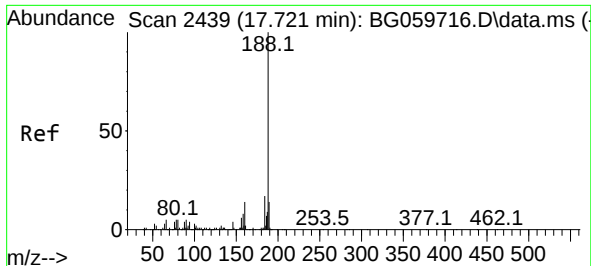
Tgt Ion:330 Resp: 140684  
Ion Ratio Lower Upper  
330 100  
332 93.3 73.3 109.9  
141 61.8 52.1 78.1



#45  
2-Fluorobiphenyl  
Concen: 56.323 ng  
RT: 13.570 min Scan# 1733  
Delta R.T. -0.010 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:172 Resp: 495244  
Ion Ratio Lower Upper  
172 100  
171 37.1 27.7 41.5  
170 25.0 18.4 27.6

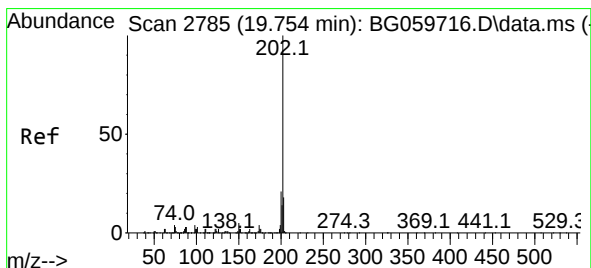
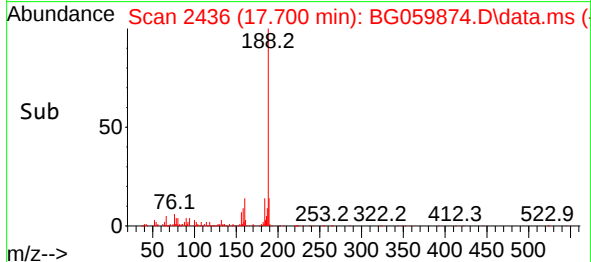
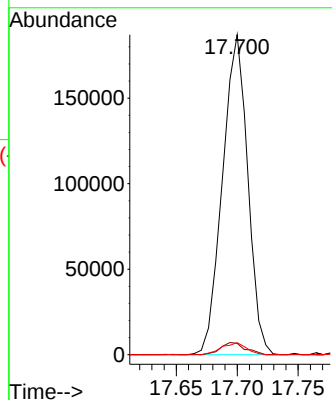
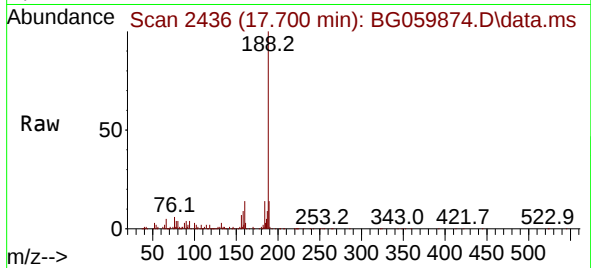




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.700 min Scan# 24  
Delta R.T. -0.010 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

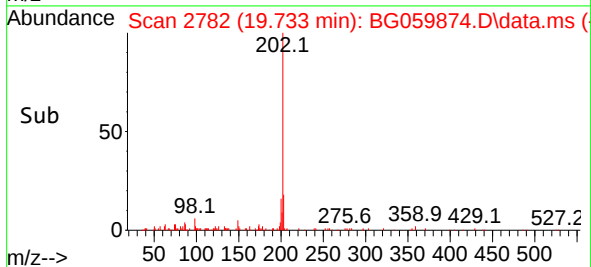
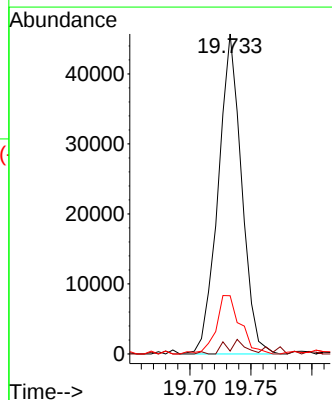
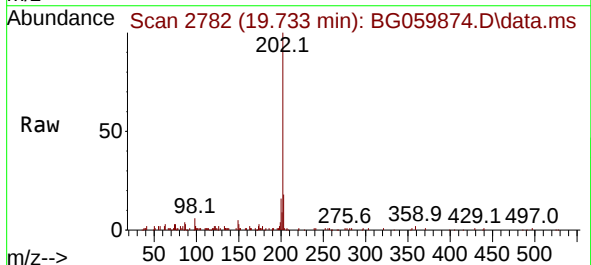
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

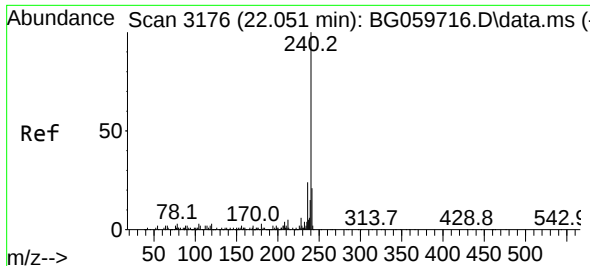
Tgt Ion:188 Resp: 269250  
Ion Ratio Lower Upper  
188 100  
94 3.5 3.0 4.4  
80 3.8 4.2 6.4#



#75  
Fluoranthene  
Concen: 3.730 ng  
RT: 19.733 min Scan# 2782  
Delta R.T. -0.010 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:202 Resp: 61231  
Ion Ratio Lower Upper  
202 100  
101 0.9 0.0 22.7  
203 18.2 0.0 38.2

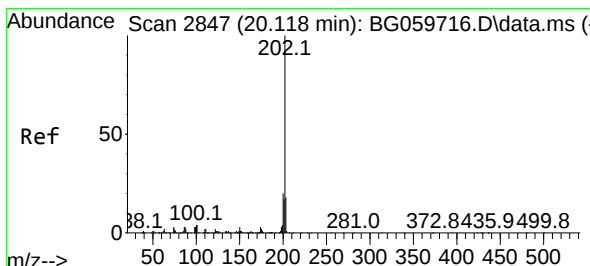
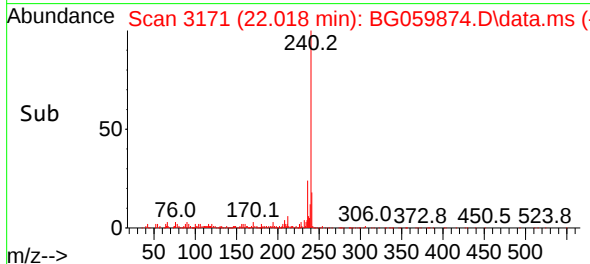
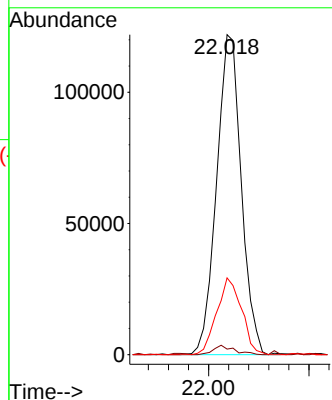
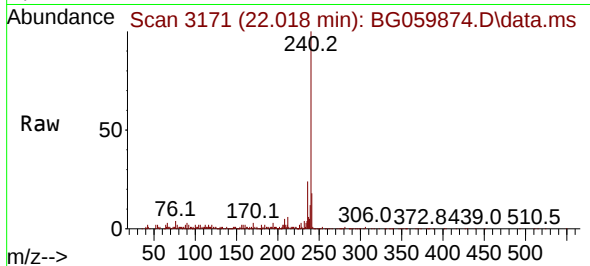




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.018 min Scan# 3176  
Delta R.T. -0.015 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

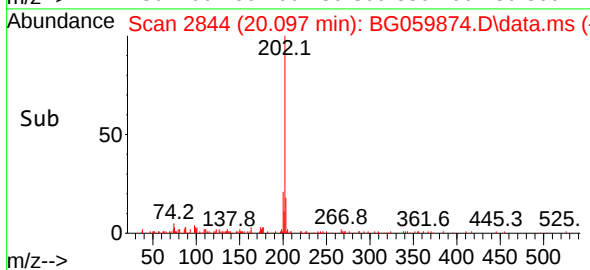
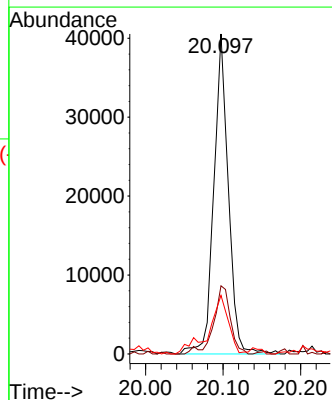
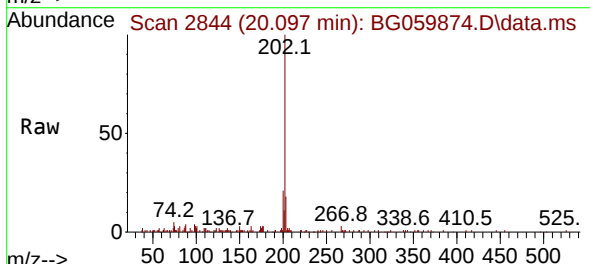
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

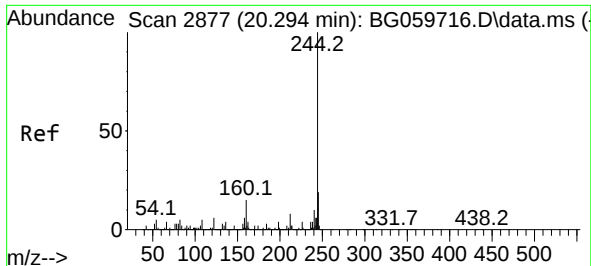
Tgt Ion:240 Resp: 208201  
Ion Ratio Lower Upper  
240 100  
120 1.8 2.2 3.2#  
236 24.0 19.4 29.2



#78  
Pyrene  
Concen: 3.744 ng  
RT: 20.097 min Scan# 2844  
Delta R.T. -0.010 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:202 Resp: 53037  
Ion Ratio Lower Upper  
202 100  
200 21.3 16.2 24.4  
203 18.3 14.0 21.0

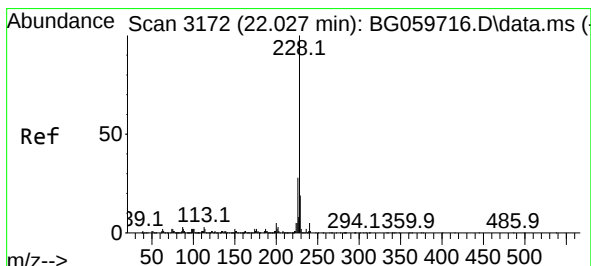
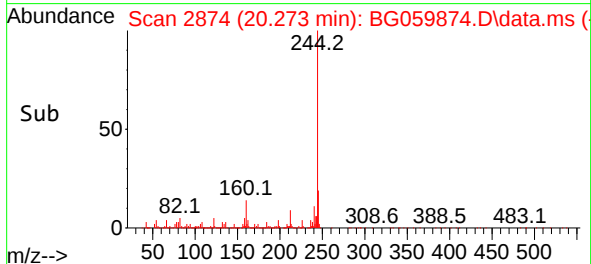
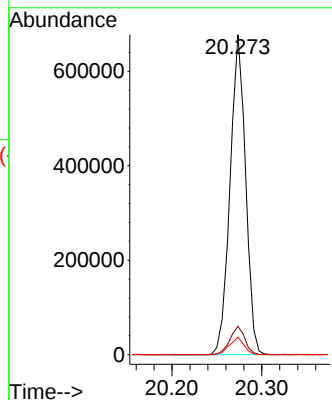
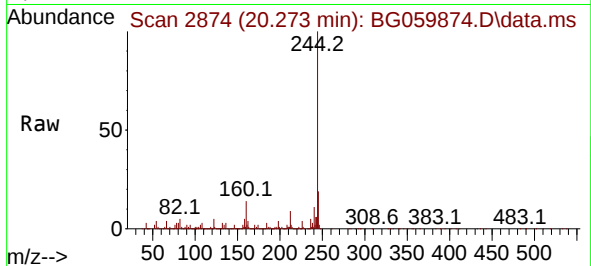




#79  
 Terphenyl-d14  
 Concen: 57.599 ng  
 RT: 20.273 min Scan# 21  
 Delta R.T. -0.010 min  
 Lab File: BG059874.D  
 Acq: 25 Nov 2023 1:47

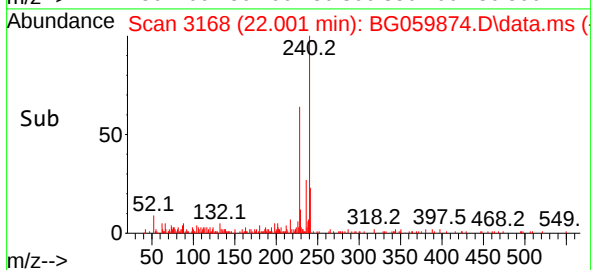
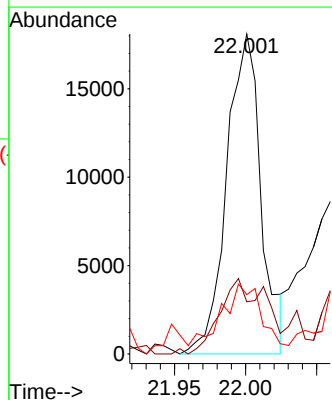
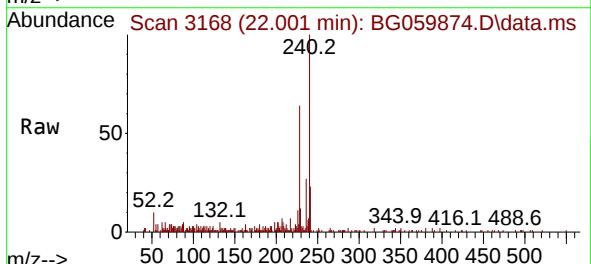
Instrument :  
 BNA\_G  
 ClientSampleId :  
 712-PLAINFIELD-AVE

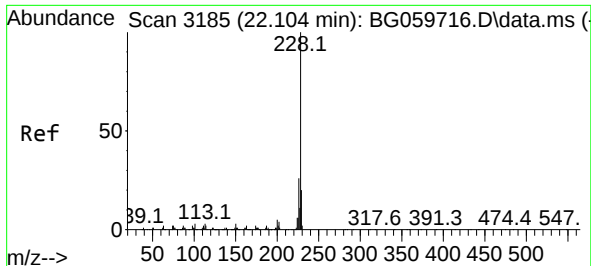
Tgt Ion:244 Resp: 812347  
 Ion Ratio Lower Upper  
 244 100  
 212 8.8 6.6 10.0  
 122 5.5 4.4 6.6



#81  
 Benzo(a)anthracene  
 Concen: 2.135 ng  
 RT: 22.001 min Scan# 3168  
 Delta R.T. -0.010 min  
 Lab File: BG059874.D  
 Acq: 25 Nov 2023 1:47

Tgt Ion:228 Resp: 30416  
 Ion Ratio Lower Upper  
 228 100  
 226 16.3 22.1 33.1#  
 229 18.6 14.9 22.3

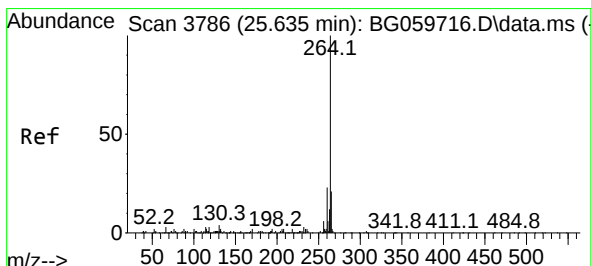
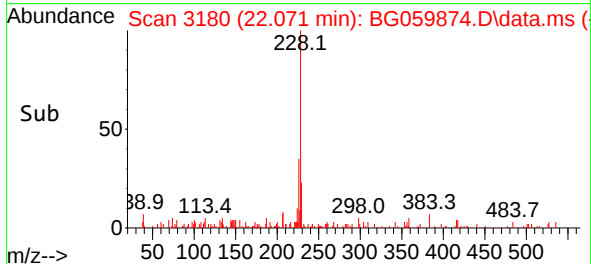
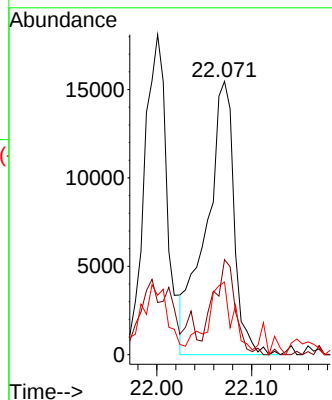
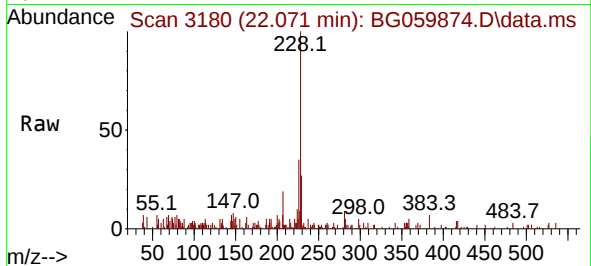




#83  
Chrysene  
Concen: 2.427 ng  
RT: 22.071 min Scan# 3185  
Delta R.T. -0.015 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

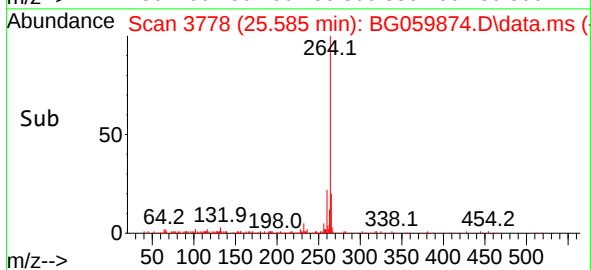
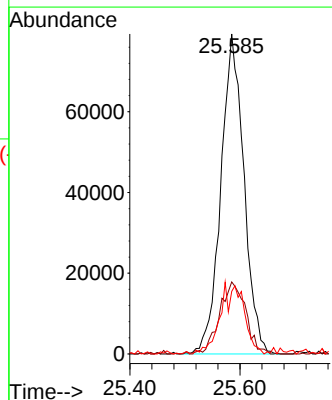
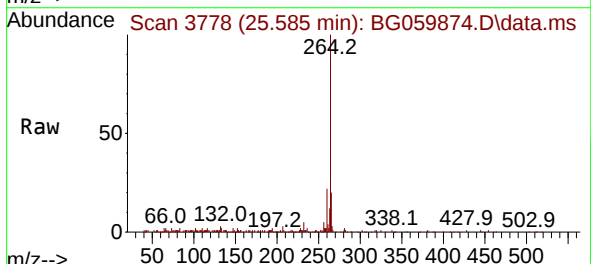
Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

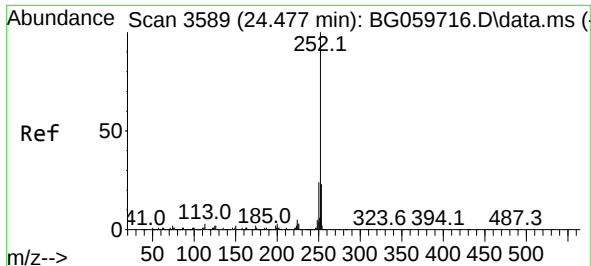
Tgt Ion:228 Resp: 31691  
Ion Ratio Lower Upper  
228 100  
226 34.8 21.1 31.7#  
229 26.6 16.2 24.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.585 min Scan# 3778  
Delta R.T. -0.027 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:264 Resp: 230557  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.5 27.7  
265 19.5 17.0 25.6

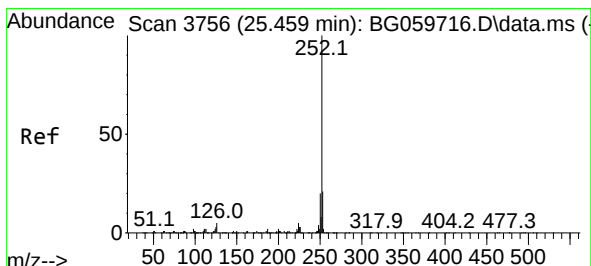
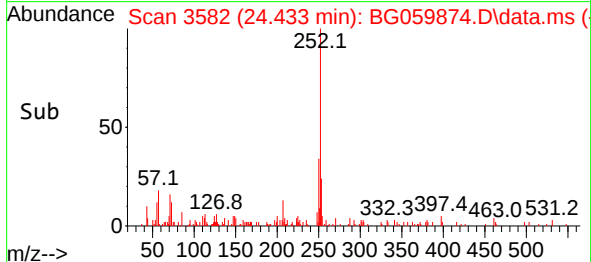
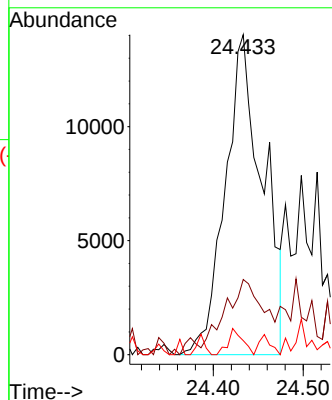
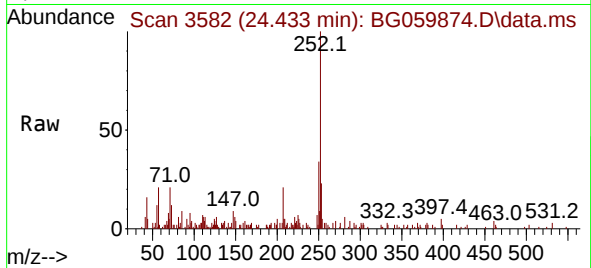




#88  
Benzo(b)fluoranthene  
Concen: 3.209 ng  
RT: 24.433 min Scan# 31  
Delta R.T. -0.015 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Instrument :  
BNA\_G  
ClientSampleId :  
712-PLAINFIELD-AVE

Tgt Ion:252 Resp: 40547  
Ion Ratio Lower Upper  
252 100  
253 23.5 18.3 27.5  
125 6.9 1.4 2.0#



#90  
Benzo(a)pyrene  
Concen: 2.460 ng  
RT: 25.409 min Scan# 3748  
Delta R.T. -0.033 min  
Lab File: BG059874.D  
Acq: 25 Nov 2023 1:47

Tgt Ion:252 Resp: 33183  
Ion Ratio Lower Upper  
252 100  
253 26.3 16.8 25.2#  
125 11.9 2.0 3.0#

