

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041723\  
 Data File : BG057112.D  
 Acq On : 17 Apr 2023 14:16  
 Operator : CG/JU  
 Sample : PB152124BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB152124BL

Quant Time: Apr 17 14:51:15 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Apr 13 05:15:23 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.405  | 152  | 15845    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.248 | 136  | 66505    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.019 | 164  | 50150    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.757 | 188  | 133483   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.074 | 240  | 117610   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.611 | 264  | 118345   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.914  | 112  | 105026   | 106.083 | ng    | 0.00     |
| 7) Phenol-d6                | 7.535  | 99   | 201264   | 135.923 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.579  | 82   | 128235   | 78.897  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.500 | 330  | 100441   | 125.369 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.645 | 172  | 292883   | 79.193  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.330 | 244  | 633979   | 91.216  | ng    | 0.00     |

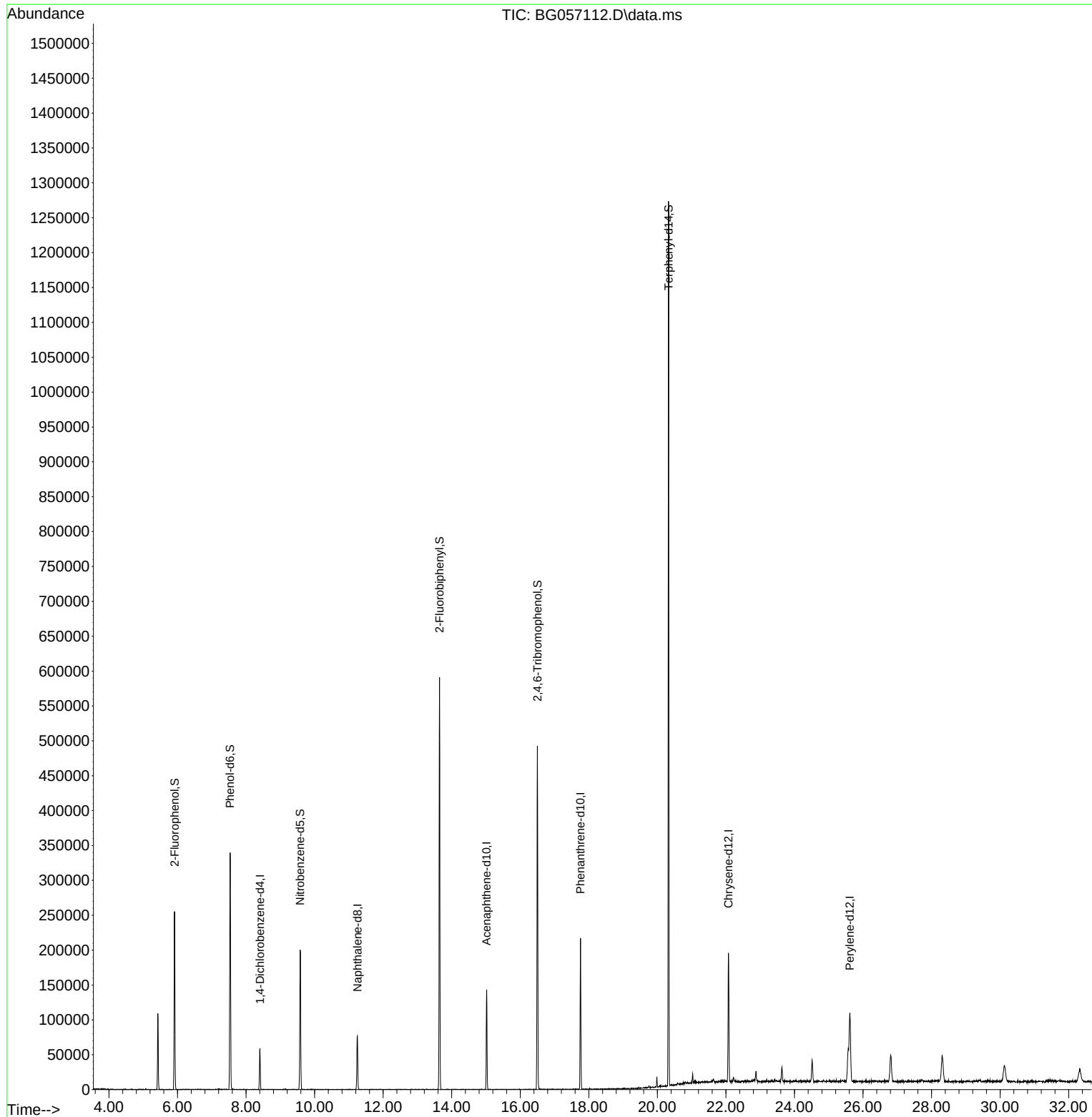
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

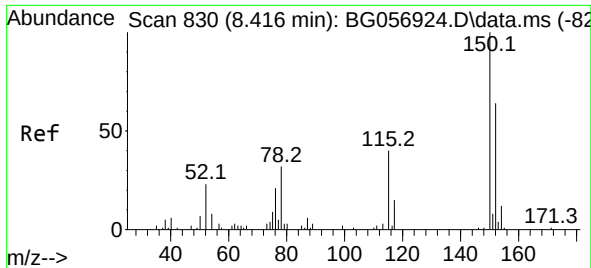
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041723\  
Data File : BG057112.D  
Acq On : 17 Apr 2023 14:16  
Operator : CG/JU  
Sample : PB152124BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

Quant Time: Apr 17 14:51:15 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Apr 13 05:15:23 2023  
Response via : Initial Calibration

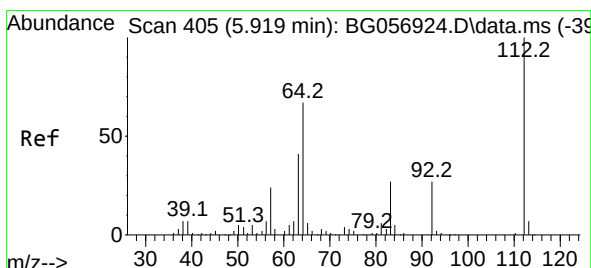
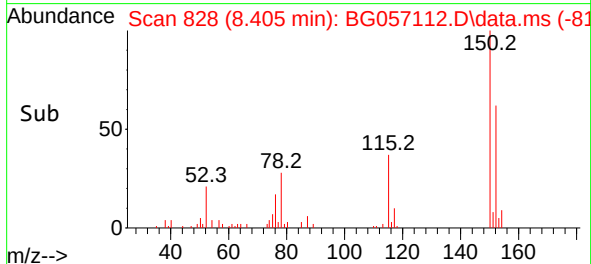
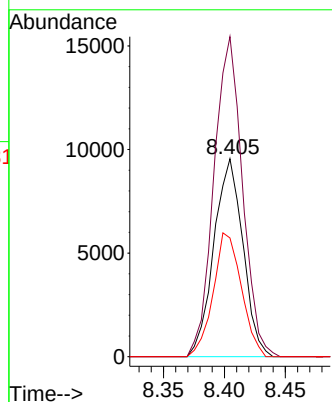
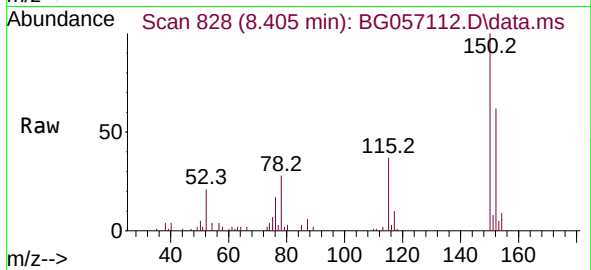




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.405 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

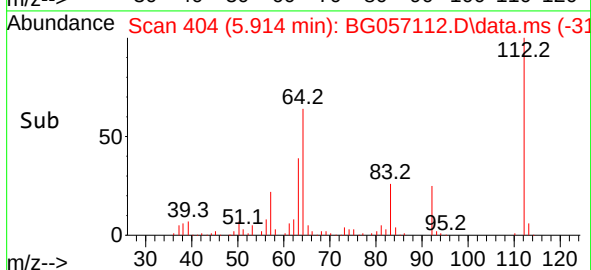
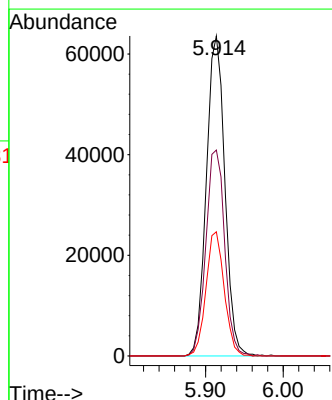
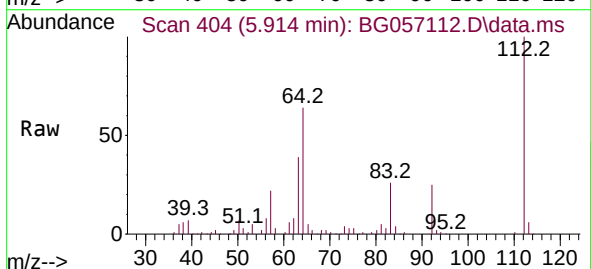
Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

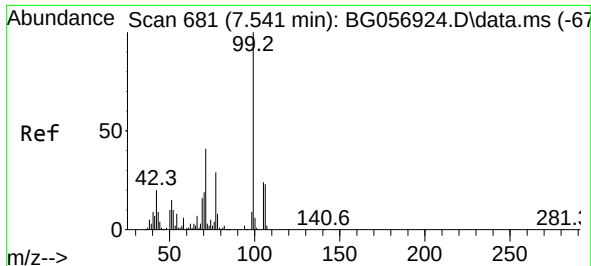
Tgt Ion:152 Resp: 15845  
Ion Ratio Lower Upper  
152 100  
150 161.7 124.1 186.1  
115 60.0 49.1 73.7



#5  
2-Fluorophenol  
Concen: 106.083 ng  
RT: 5.914 min Scan# 404  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

Tgt Ion:112 Resp: 105026  
Ion Ratio Lower Upper  
112 100  
64 64.3 53.2 79.8  
63 38.8 32.6 48.8

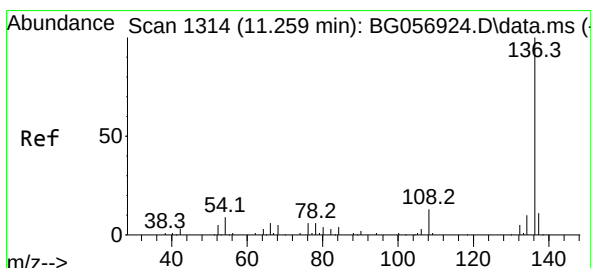
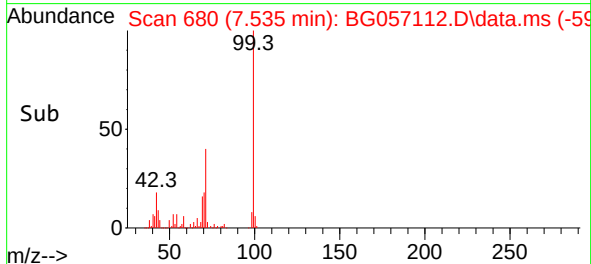
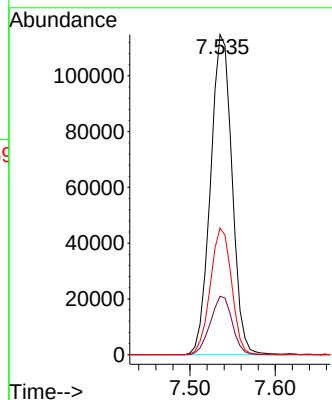
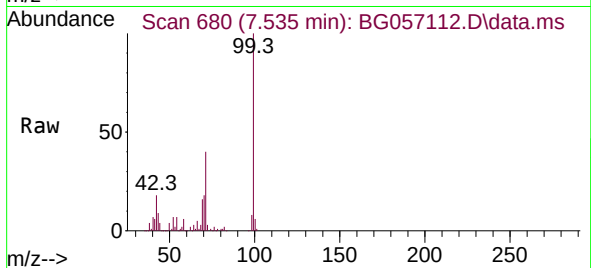




#7  
Phenol-d6  
Concen: 135.923 ng  
RT: 7.535 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

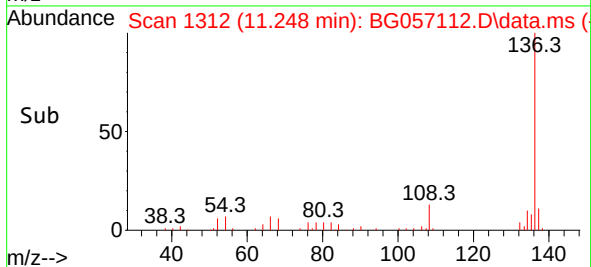
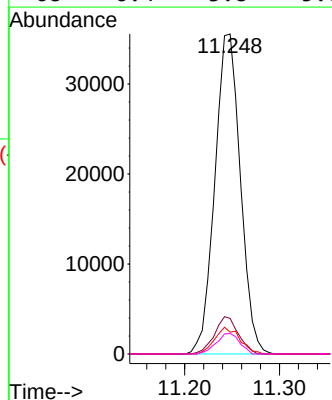
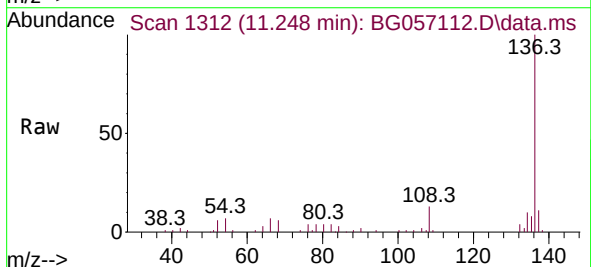
Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

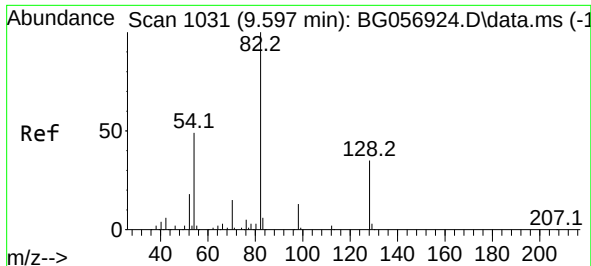
Tgt Ion: 99 Resp: 201264  
Ion Ratio Lower Upper  
99 100  
42 18.2 15.7 23.5  
71 39.6 32.5 48.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.248 min Scan# 1312  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

Tgt Ion: 136 Resp: 66505  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 6.8 6.9 10.3#  
68 6.4 3.8 5.6#

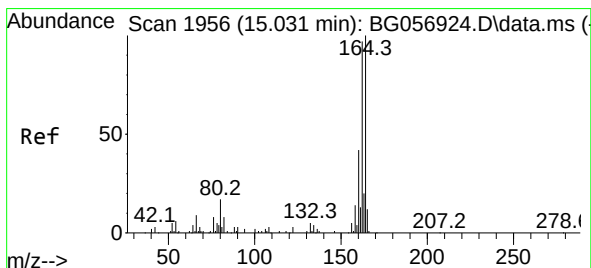
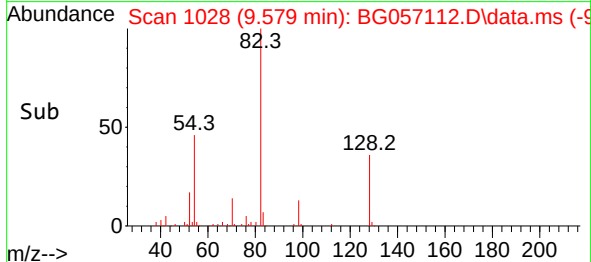
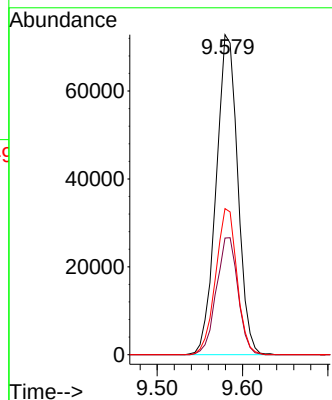
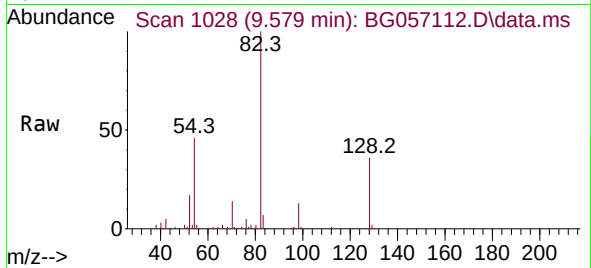




#23  
Nitrobenzene-d5  
Concen: 78.897 ng  
RT: 9.579 min Scan# 1028  
Delta R.T. -0.007 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

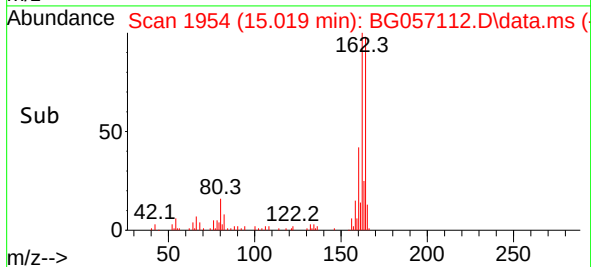
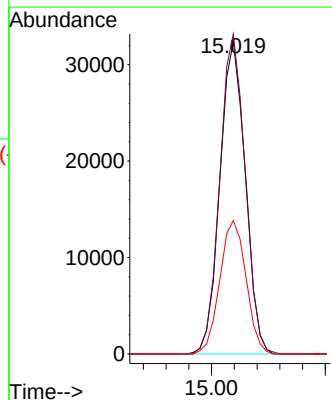
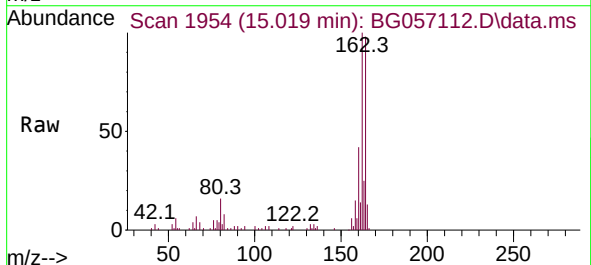
Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

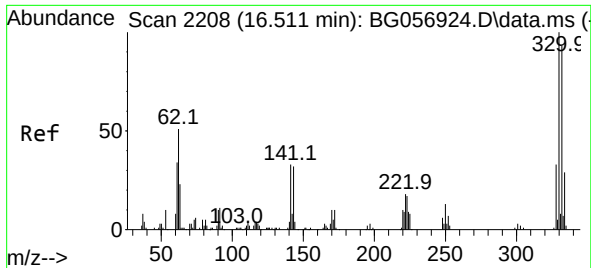
Tgt Ion: 82 Resp: 128235  
Ion Ratio Lower Upper  
82 100  
128 36.4 27.9 41.9  
54 45.6 39.4 59.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.019 min Scan# 1954  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

Tgt Ion:164 Resp: 50150  
Ion Ratio Lower Upper  
164 100  
162 102.5 77.8 116.8  
160 42.7 33.5 50.3

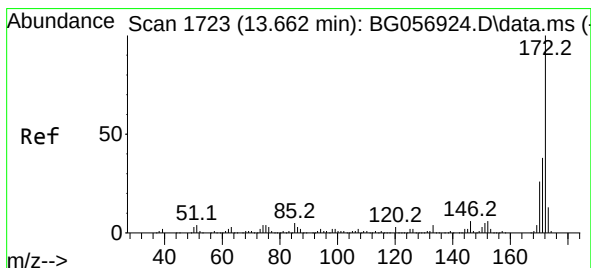
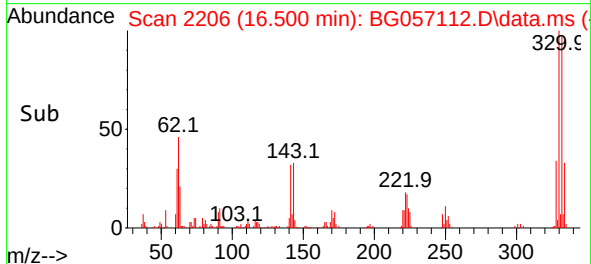
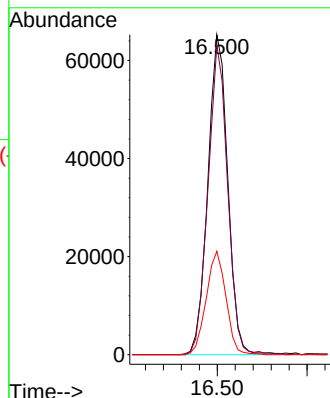
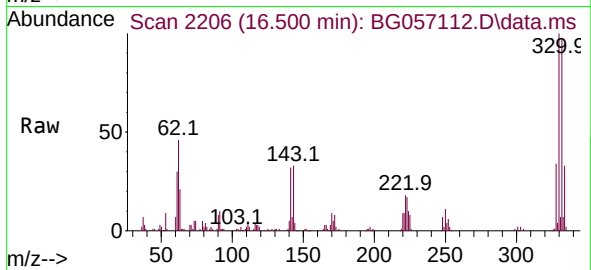




#42  
2,4,6-Tribromophenol  
Concen: 125.369 ng  
RT: 16.500 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

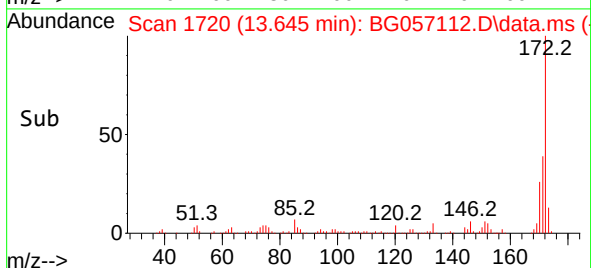
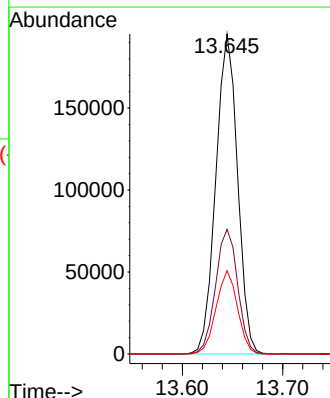
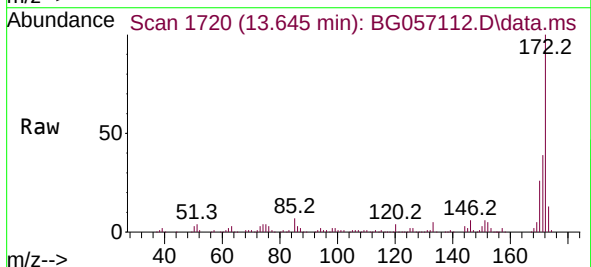
Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

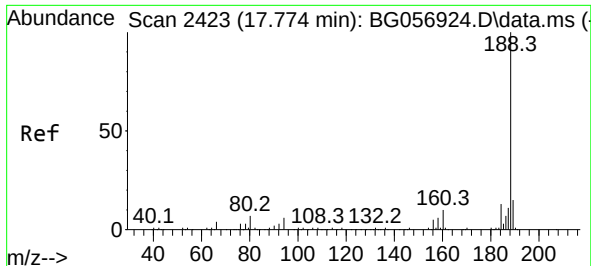
Tgt Ion:330 Resp: 100441  
Ion Ratio Lower Upper  
330 100  
332 95.6 76.1 114.1  
141 31.9 25.8 38.6



#45  
2-Fluorobiphenyl  
Concen: 79.193 ng  
RT: 13.645 min Scan# 1720  
Delta R.T. -0.001 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

Tgt Ion:172 Resp: 292883  
Ion Ratio Lower Upper  
172 100  
171 39.0 30.6 46.0  
170 26.0 20.6 30.8

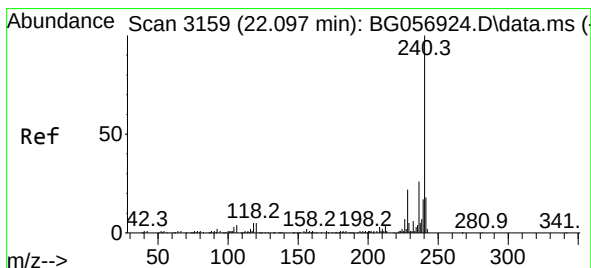
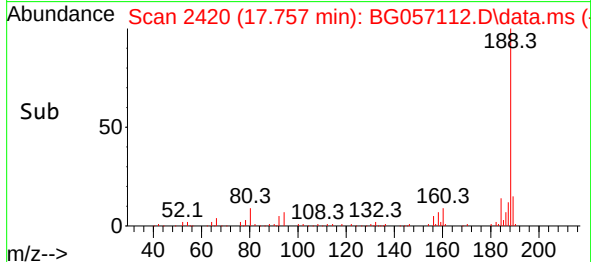
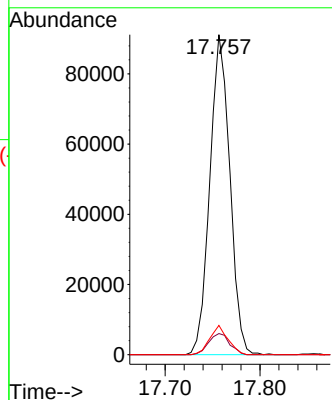
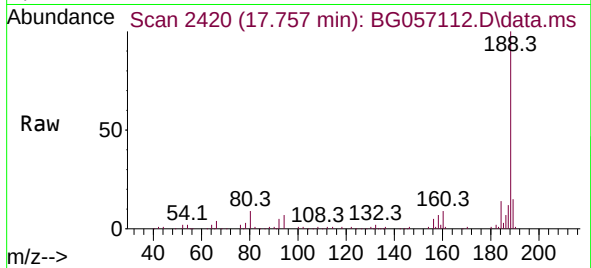




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.757 min Scan# 2420  
Delta R.T. -0.007 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

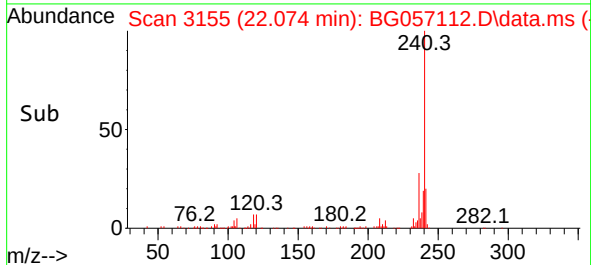
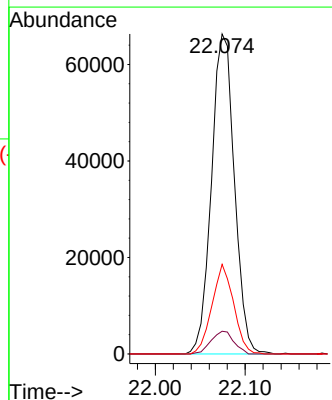
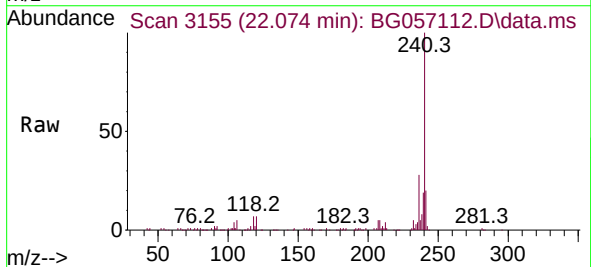
Instrument :  
BNA\_G  
ClientSampleId :  
PB152124BL

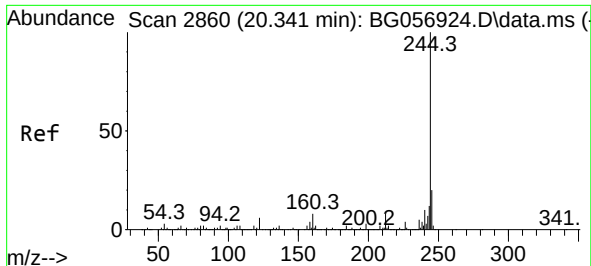
Tgt Ion:188 Resp: 133483  
Ion Ratio Lower Upper  
188 100  
94 6.6 4.6 6.8  
80 9.2 5.5 8.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.074 min Scan# 3155  
Delta R.T. -0.007 min  
Lab File: BG057112.D  
Acq: 17 Apr 2023 14:16

Tgt Ion:240 Resp: 117610  
Ion Ratio Lower Upper  
240 100  
120 7.1 3.8 5.6#  
236 28.0 21.0 31.6

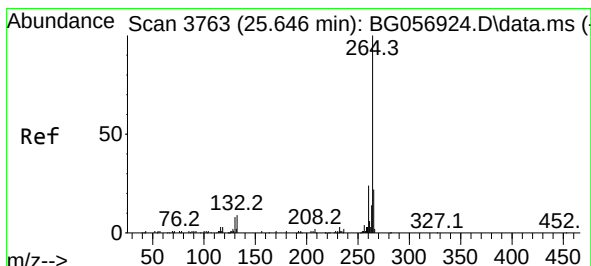
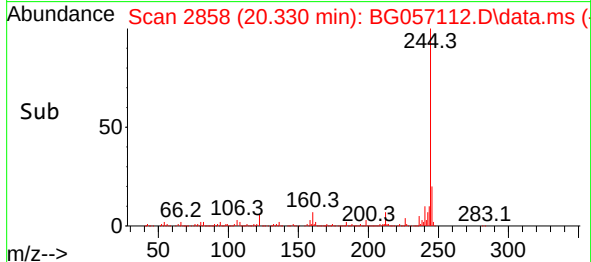
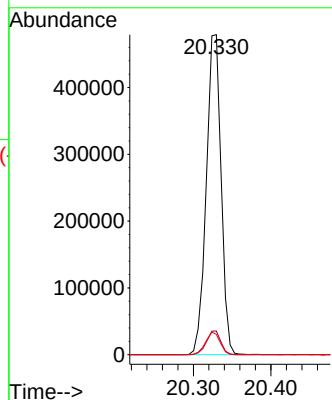
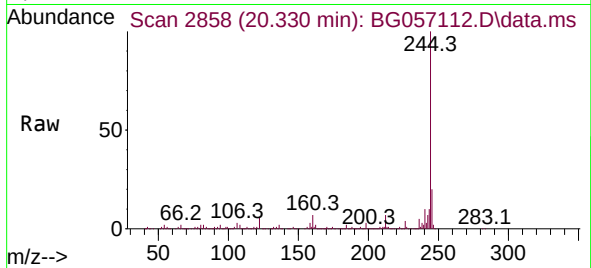




#79  
 Terphenyl-d14  
 Concen: 91.216 ng  
 RT: 20.330 min Scan# 21  
 Delta R.T. 0.005 min  
 Lab File: BG057112.D  
 Acq: 17 Apr 2023 14:16

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB152124BL

Tgt Ion:244 Resp: 633979  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 6.1 9.1  
 122 6.3 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.611 min Scan# 3757  
 Delta R.T. -0.001 min  
 Lab File: BG057112.D  
 Acq: 17 Apr 2023 14:16

Tgt Ion:264 Resp: 118345  
 Ion Ratio Lower Upper  
 264 100  
 260 21.1 19.0 28.4  
 265 22.9 17.8 26.6

