

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112122\  
 Data File : BG055728.D  
 Acq On : 21 Nov 2022 23:52  
 Operator : CG/JU  
 Sample : N5678-03  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 250FB-BP-BACKFILL-02

Quant Time: Nov 22 02:10:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Nov 17 02:02:46 2022  
 Response via : Initial Calibration

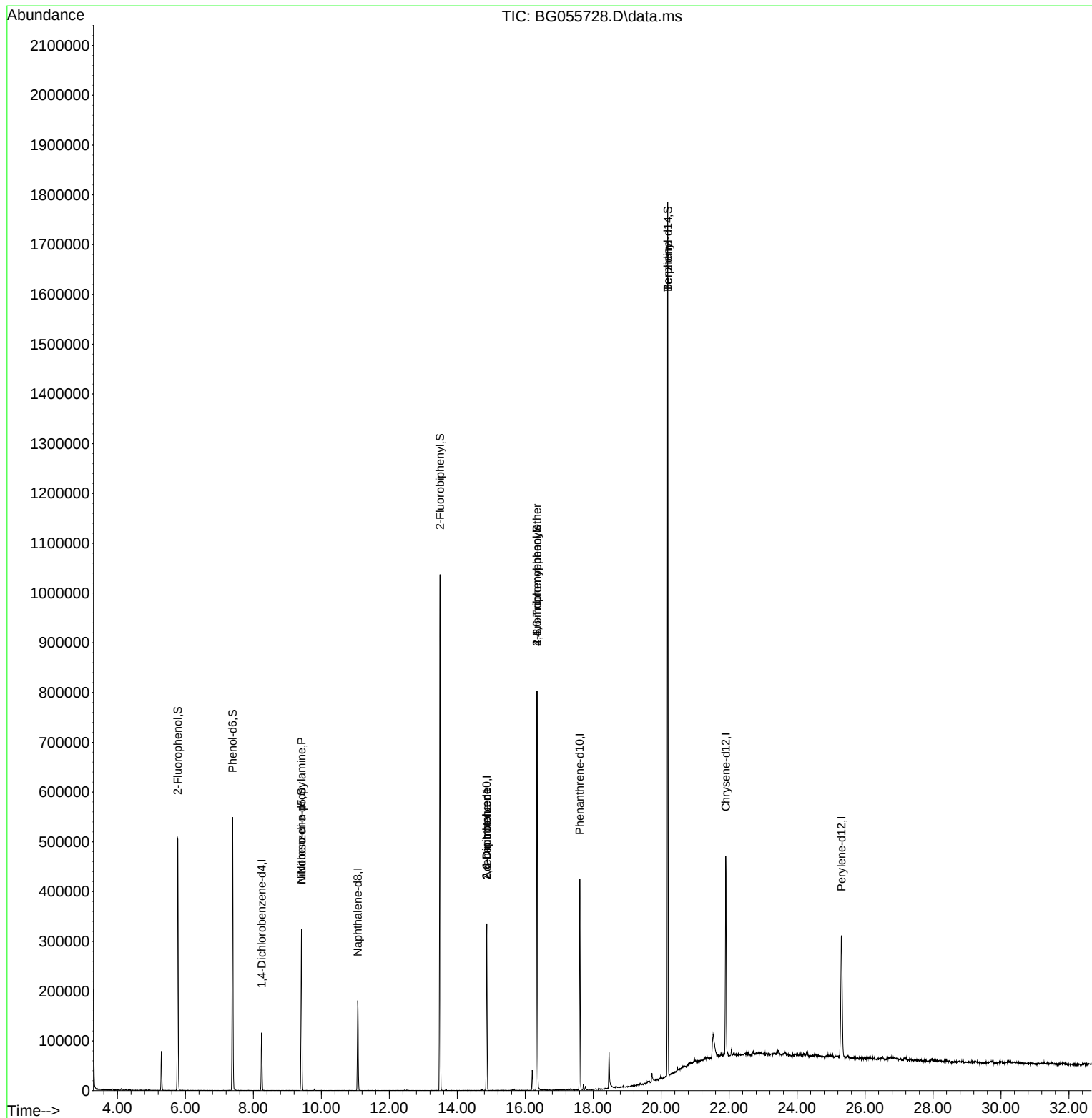
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.246  | 152  | 34476    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.072 | 136  | 157009   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 14.868 | 164  | 120772   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.606 | 188  | 275858   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.901 | 240  | 255918   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12              | 25.308 | 264  | 270080   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.778  | 112  | 222985   | 116.907 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.388  | 99   | 304509   | 119.932 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.415  | 82   | 191717   | 64.539  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.348 | 330  | 173304   | 101.906 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.493 | 172  | 540663   | 67.067  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.197 | 244  | 925740   | 72.351  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.415  | 70   | 26114    | 13.386  | ng    | # 75     |
| 51) 2,6-Dinitrotoluene        | 14.868 | 165  | 15928    | 8.091   | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 14.868 | 165  | 15928    | 5.739   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 16.348 | 248  | 11281    | 3.589   | ng    | # 1      |
| 77) Benzidine                 | 20.197 | 184  | 14089    | 2.380   | ng    | # 90     |
| -----                         |        |      |          |         |       |          |

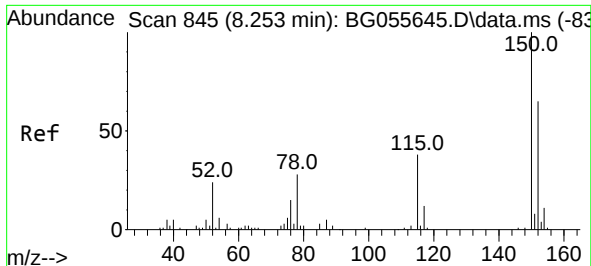
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112122\  
Data File : BG055728.D  
Acq On : 21 Nov 2022 23:52  
Operator : CG/JU  
Sample : N5678-03  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

Quant Time: Nov 22 02:10:00 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Nov 17 02:02:46 2022  
Response via : Initial Calibration

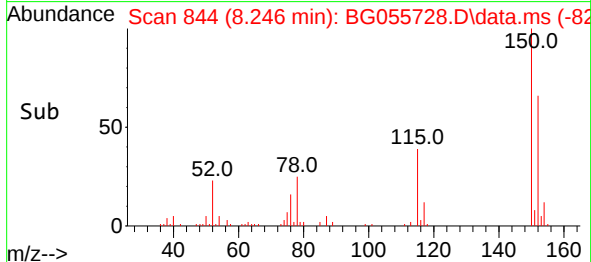
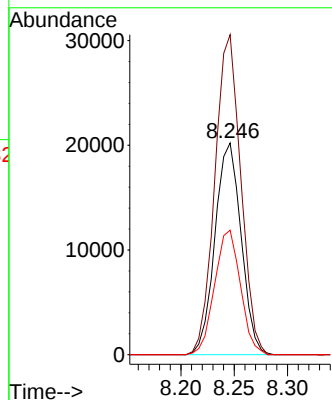
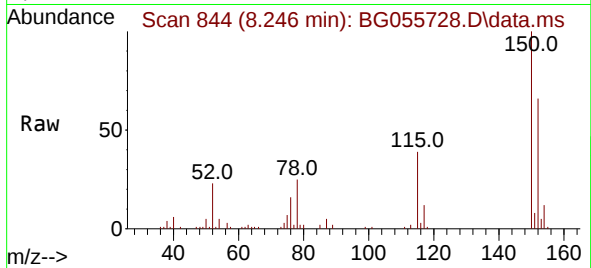




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.246 min Scan# 845  
Delta R.T. -0.007 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

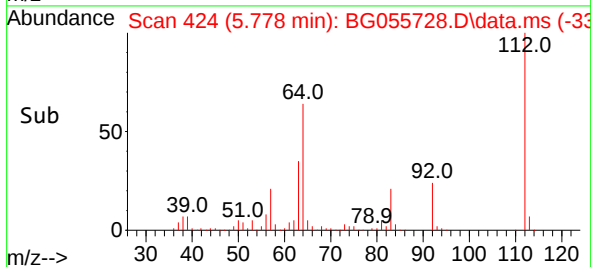
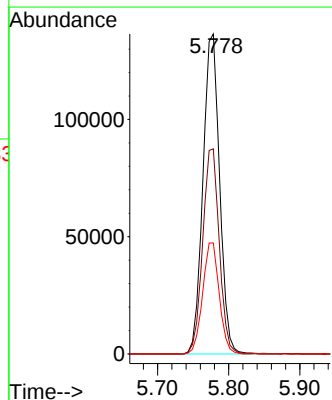
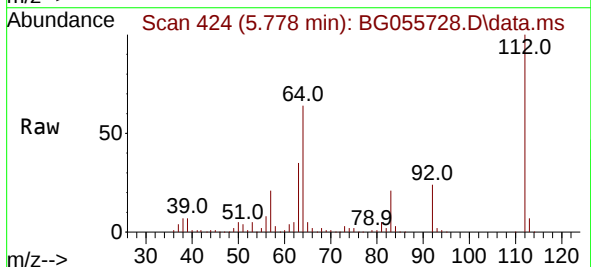
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

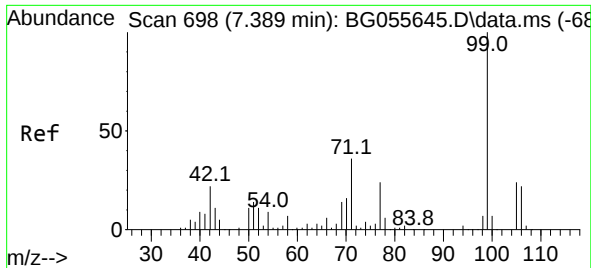
Tgt Ion:152 Resp: 34476  
Ion Ratio Lower Upper  
152 100  
150 151.2 123.0 184.6  
115 58.8 47.0 70.4



#5  
2-Fluorophenol  
Concen: 116.907 ng  
RT: 5.778 min Scan# 424  
Delta R.T. -0.001 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion:112 Resp: 222985  
Ion Ratio Lower Upper  
112 100  
64 64.1 50.6 76.0  
63 34.7 27.5 41.3

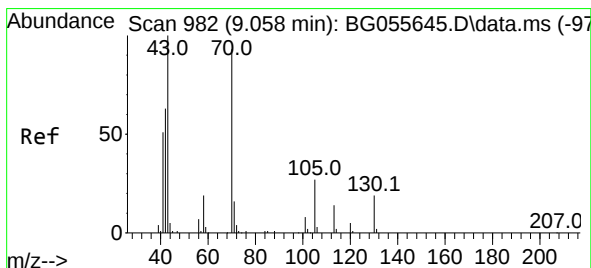
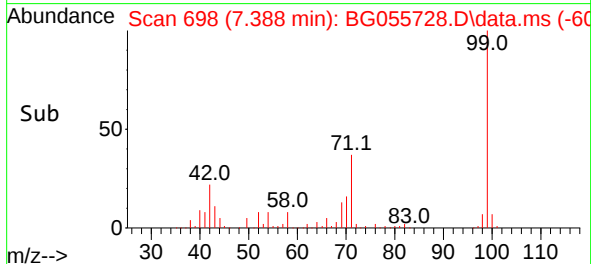
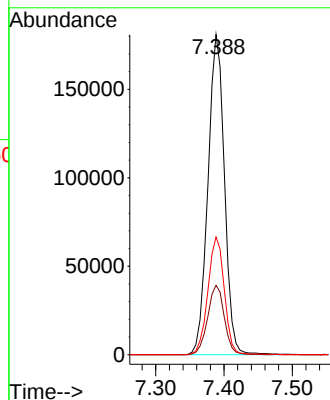
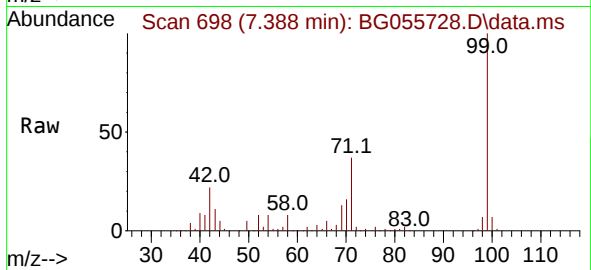




#7  
Phenol-d6  
Concen: 119.932 ng  
RT: 7.388 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

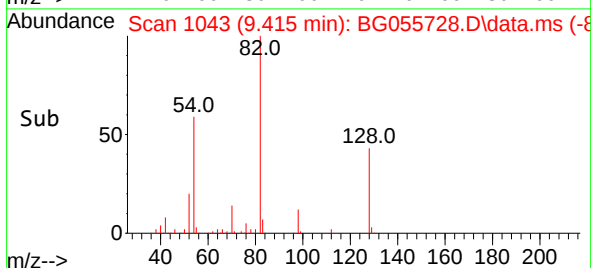
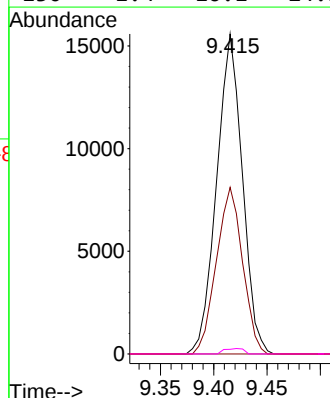
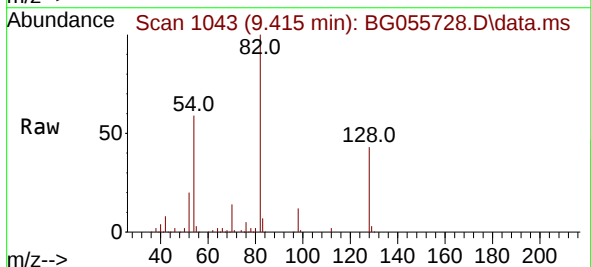
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

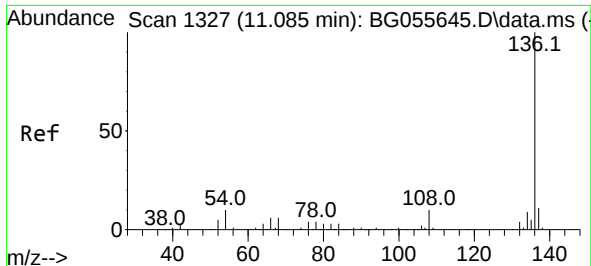
Tgt Ion: 99 Resp: 304509  
Ion Ratio Lower Upper  
99 100  
42 21.6 18.0 27.0  
71 36.7 29.0 43.6



#19  
n-Nitroso-di-n-propylamine  
Concen: 13.386 ng  
RT: 9.415 min Scan# 1043  
Delta R.T. 0.358 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion: 70 Resp: 26114  
Ion Ratio Lower Upper  
70 100  
42 52.1 55.2 82.8#  
101 0.0 7.1 10.7#  
130 1.4 16.1 24.1#

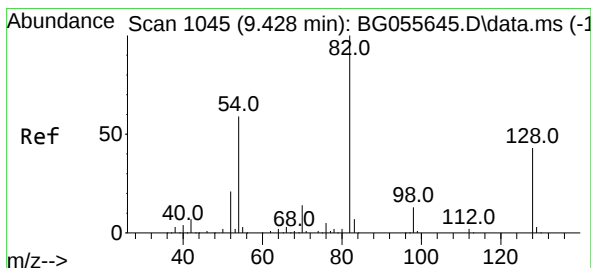
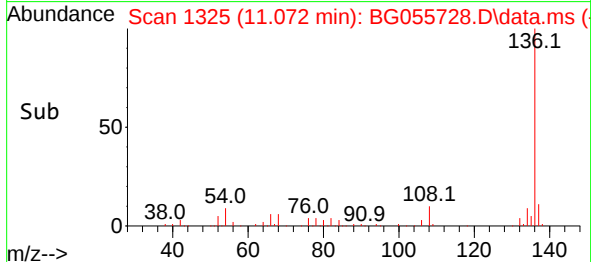
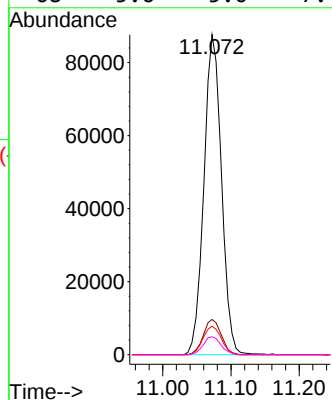
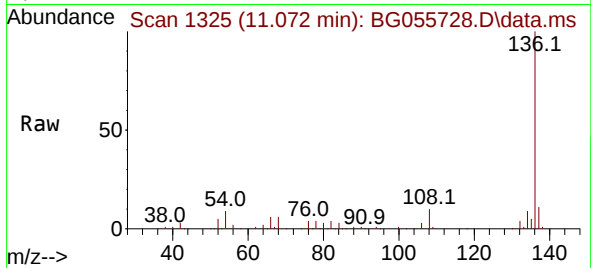




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.072 min Scan# 11  
Delta R.T. -0.013 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

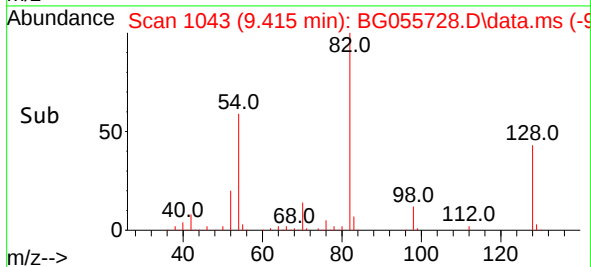
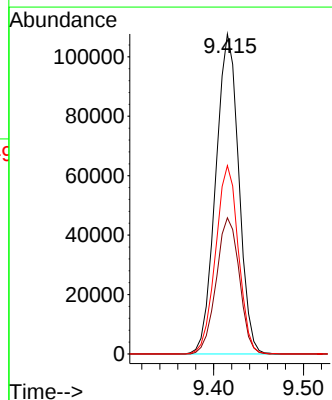
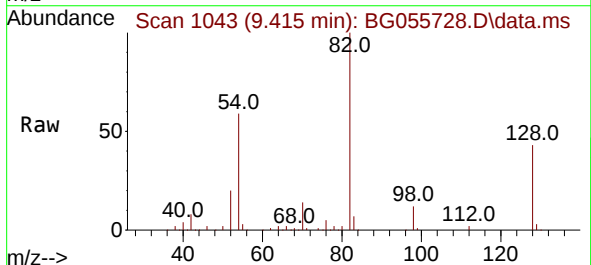
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

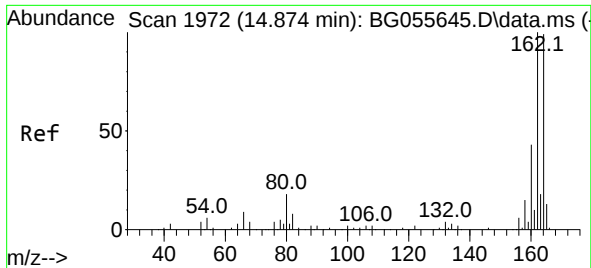
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 157009 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.0  | 9.0   | 13.6   |
| 54       | 8.9   | 7.8   | 11.6   |
| 68       | 5.6   | 5.0   | 7.4    |



#23  
Nitrobenzene-d5  
Concen: 64.539 ng  
RT: 9.415 min Scan# 1043  
Delta R.T. -0.013 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 191717 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 42.6  | 34.1  | 51.1   |
| 54       | 58.8  | 47.3  | 70.9   |

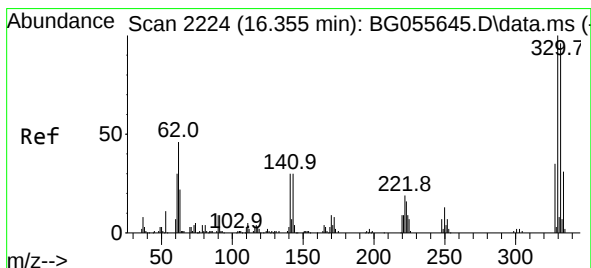
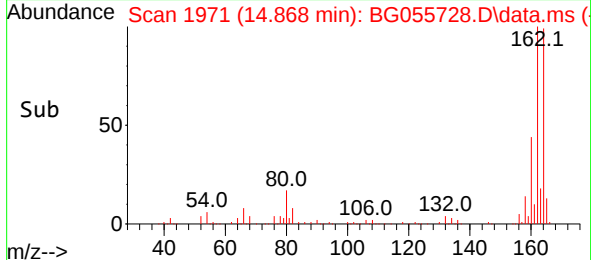
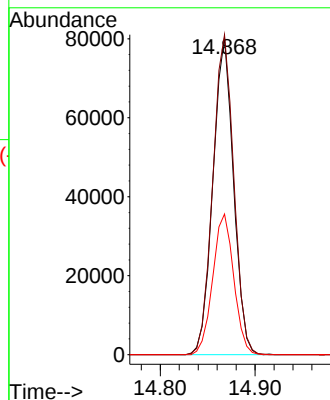
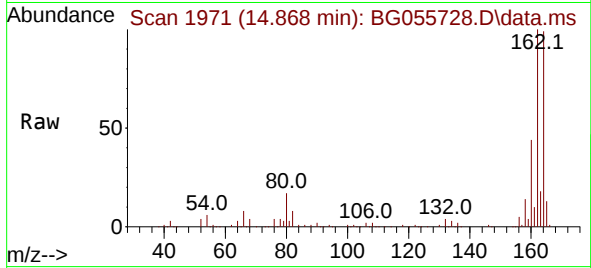




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.868 min Scan# 1972  
Delta R.T. -0.007 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

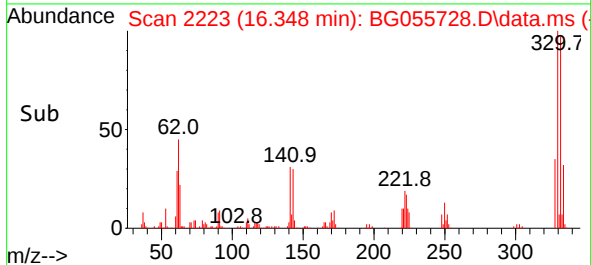
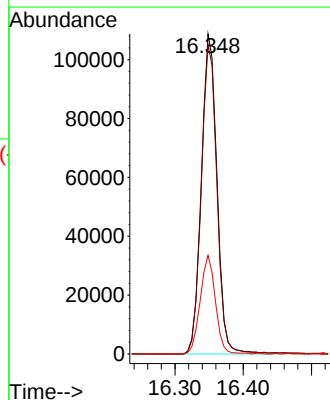
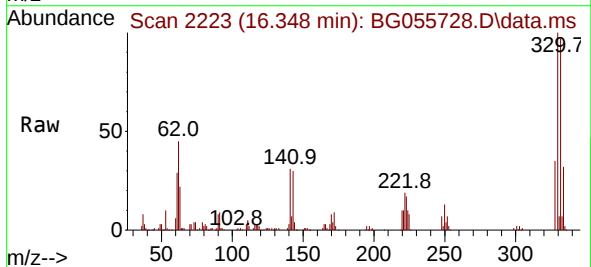
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

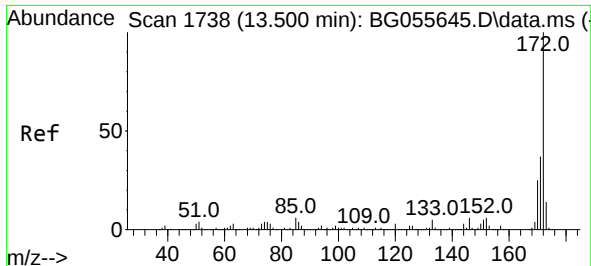
Tgt Ion:164 Resp: 120772  
Ion Ratio Lower Upper  
164 100  
162 100.8 81.1 121.7  
160 44.3 34.8 52.2



#42  
2,4,6-Tribromophenol  
Concen: 101.906 ng  
RT: 16.348 min Scan# 2223  
Delta R.T. -0.007 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion:330 Resp: 173304  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.8 116.8  
141 29.8 23.9 35.9

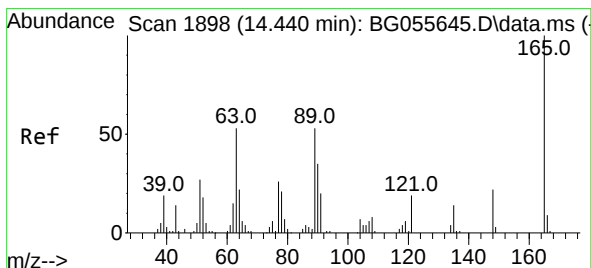
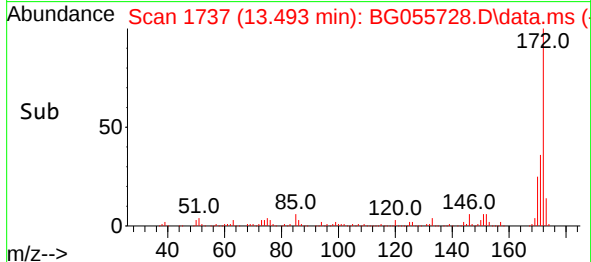
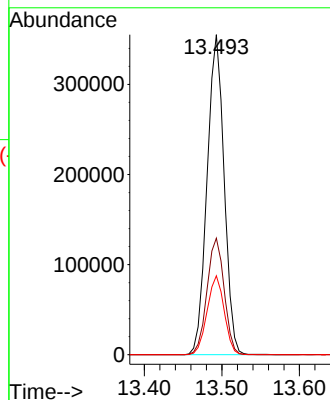
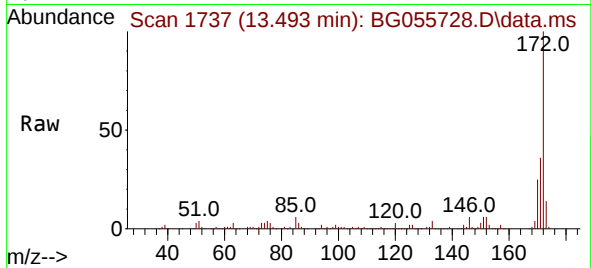




#45  
2-Fluorobiphenyl  
Concen: 67.067 ng  
RT: 13.493 min Scan# 1  
Delta R.T. -0.007 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

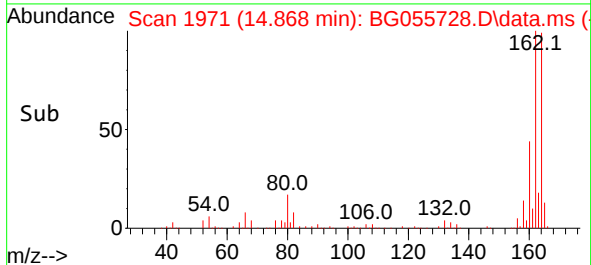
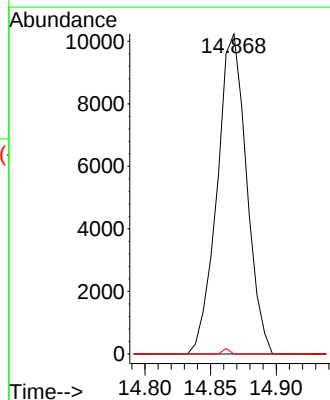
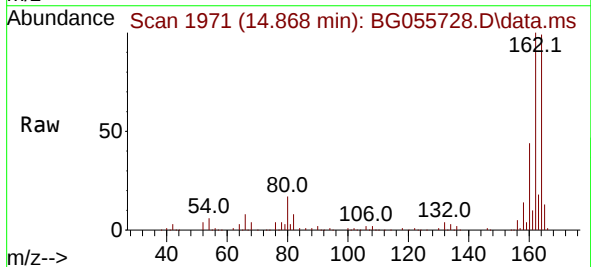
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

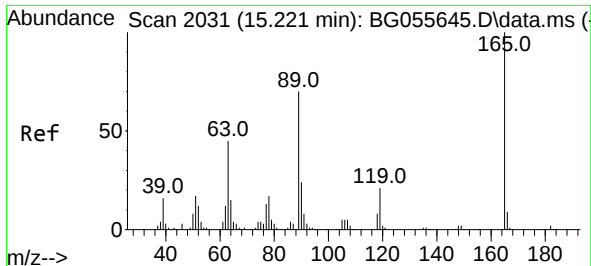
Tgt Ion:172 Resp: 540663  
Ion Ratio Lower Upper  
172 100  
171 36.4 29.8 44.6  
170 24.6 20.2 30.4



#51  
2,6-Dinitrotoluene  
Concen: 8.091 ng  
RT: 14.868 min Scan# 1971  
Delta R.T. 0.428 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion:165 Resp: 15928  
Ion Ratio Lower Upper  
165 100  
63 0.0 44.6 66.8#  
89 0.0 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.739 ng

RT: 14.868 min Scan# 1971

Delta R.T. -0.353 min

Lab File: BG055728.D

Acq: 21 Nov 2022 23:52

Instrument :

BNA\_G

ClientSampleId :

250FB-BP-BACKFILL-02

Tgt Ion:165 Resp: 15928

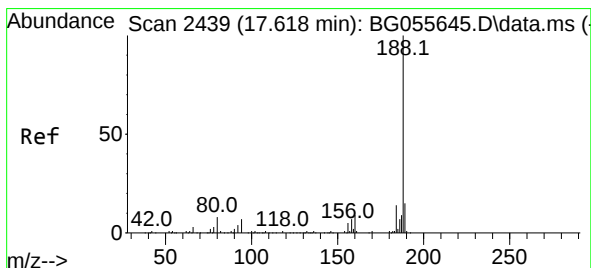
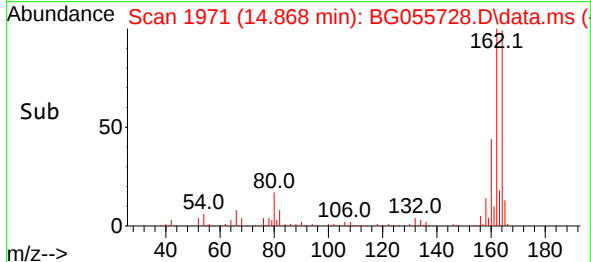
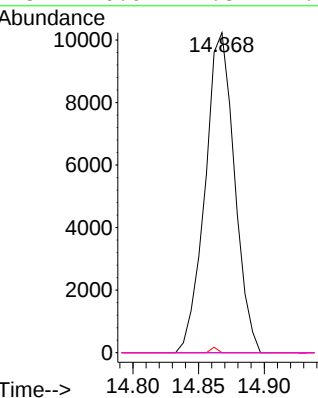
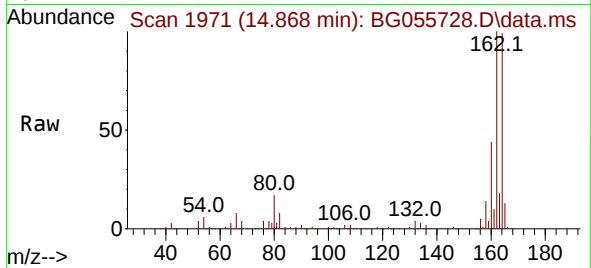
Ion Ratio Lower Upper

165 100

63 0.0 35.8 53.8#

89 0.0 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.606 min Scan# 2437

Delta R.T. -0.013 min

Lab File: BG055728.D

Acq: 21 Nov 2022 23:52

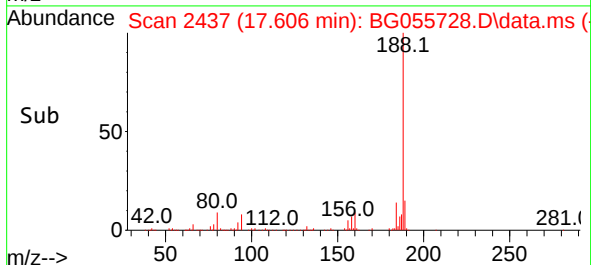
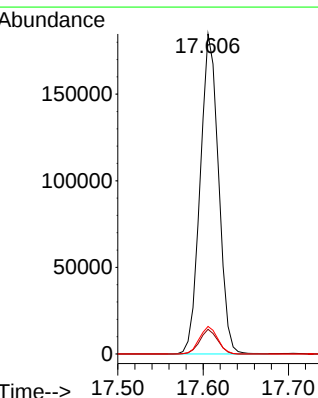
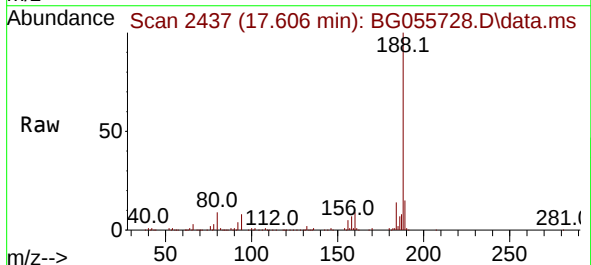
Tgt Ion:188 Resp: 275858

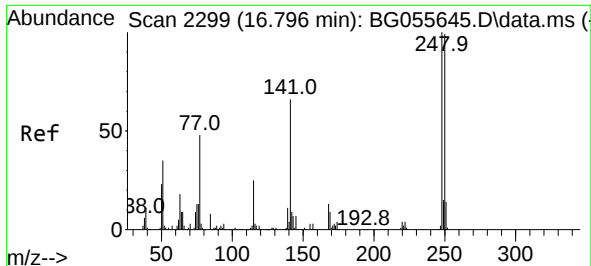
Ion Ratio Lower Upper

188 100

94 7.7 5.4 8.2

80 8.6 6.6 10.0

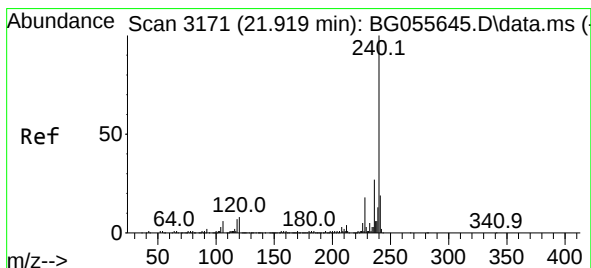
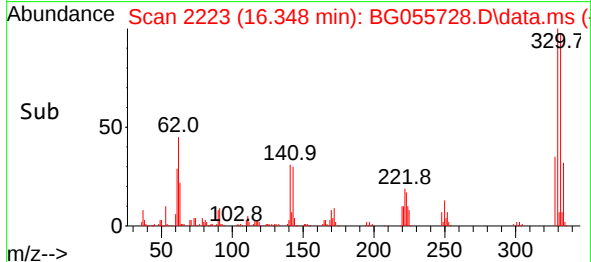
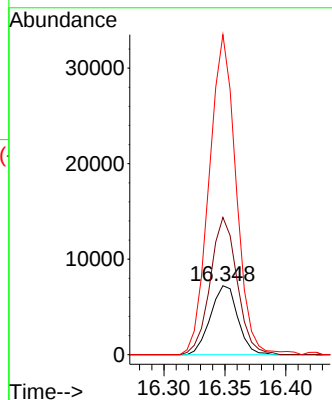
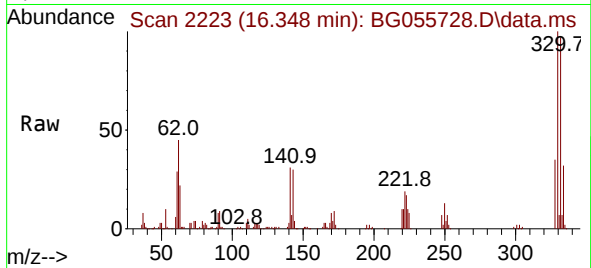




#67  
4-Bromophenyl-phenylether  
Concen: 3.589 ng  
RT: 16.348 min Scan# 21  
Delta R.T. -0.447 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

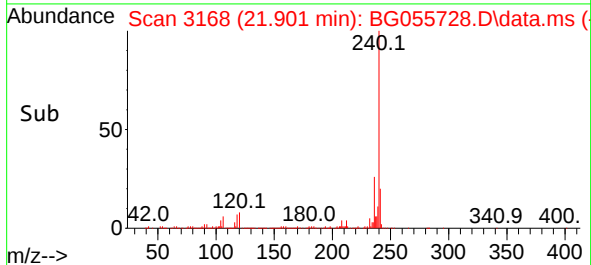
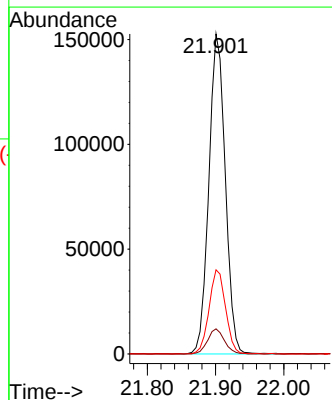
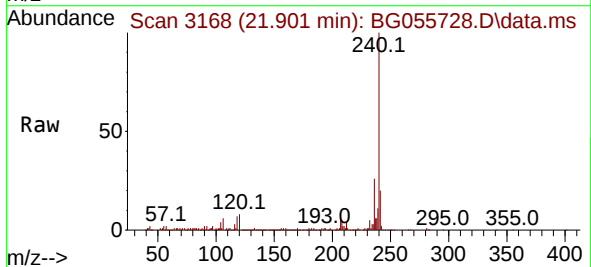
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

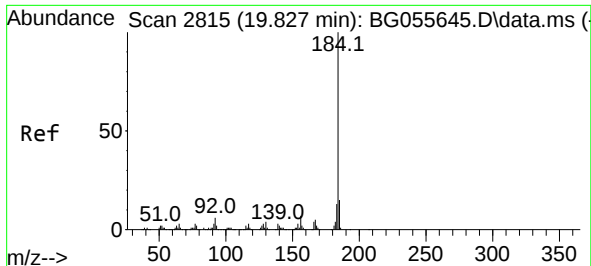
Tgt Ion:248 Resp: 11281  
Ion Ratio Lower Upper  
248 100  
250 199.1 79.0 118.4#  
141 463.9 52.9 79.3#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.901 min Scan# 3168  
Delta R.T. -0.018 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion:240 Resp: 255918  
Ion Ratio Lower Upper  
240 100  
120 7.8 6.3 9.5  
236 26.3 21.9 32.9

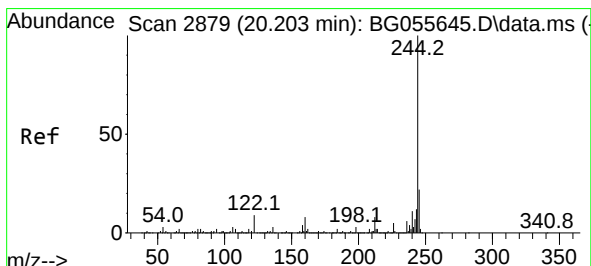
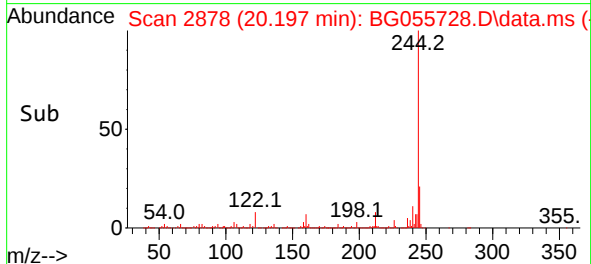
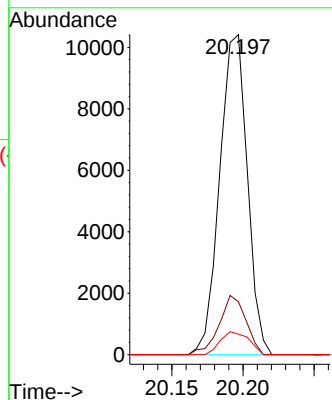
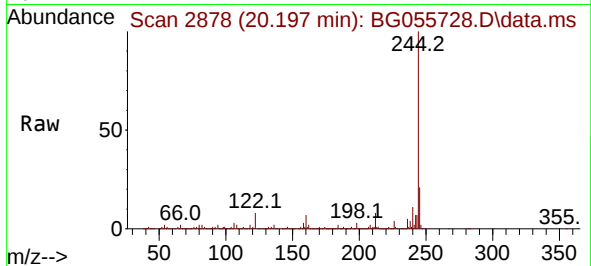




#77  
Benzidine  
Concen: 2.380 ng  
RT: 20.197 min Scan# 21  
Delta R.T. 0.369 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

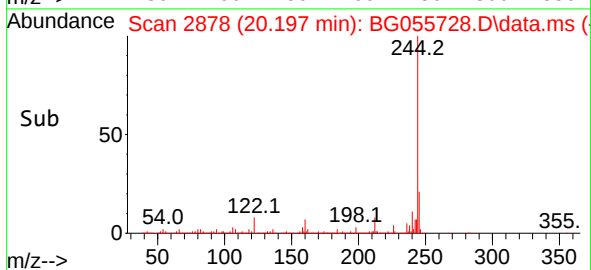
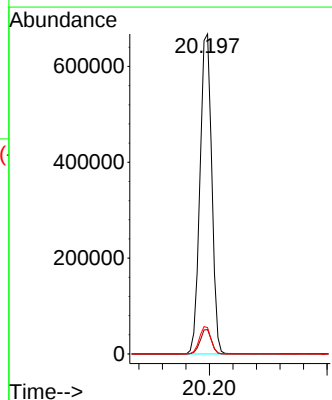
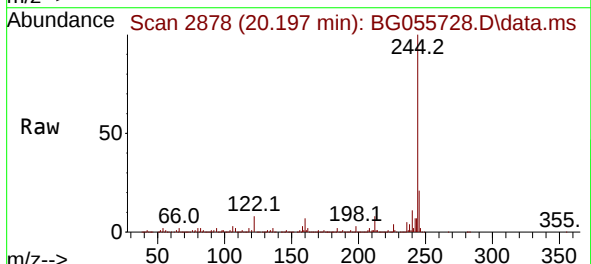
Instrument :  
BNA\_G  
ClientSampleId :  
250FB-BP-BACKFILL-02

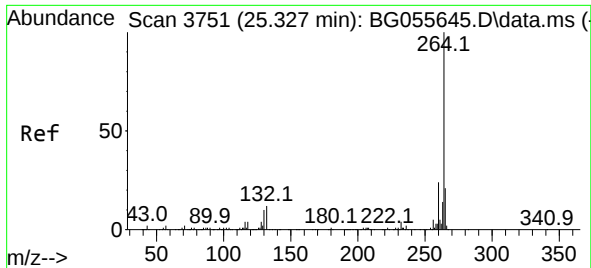
Tgt Ion:184 Resp: 14089  
Ion Ratio Lower Upper  
184 100  
185 16.5 11.8 17.8  
183 6.4 10.6 15.8#



#79  
Terphenyl-d14  
Concen: 72.351 ng  
RT: 20.197 min Scan# 2878  
Delta R.T. -0.007 min  
Lab File: BG055728.D  
Acq: 21 Nov 2022 23:52

Tgt Ion:244 Resp: 925740  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.3 9.5  
122 8.2 6.9 10.3





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.308 min Scan# 31  
 Delta R.T. -0.018 min  
 Lab File: BG055728.D  
 Acq: 21 Nov 2022 23:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 250FB-BP-BACKFILL-02

Tgt Ion:264 Resp: 270080  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 19.5 29.3  
 265 21.5 17.1 25.7

