

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122022\  
 Data File : BG056026.D  
 Acq On : 20 Dec 2022 12:02  
 Operator : CG/JU  
 Sample : PB149551BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

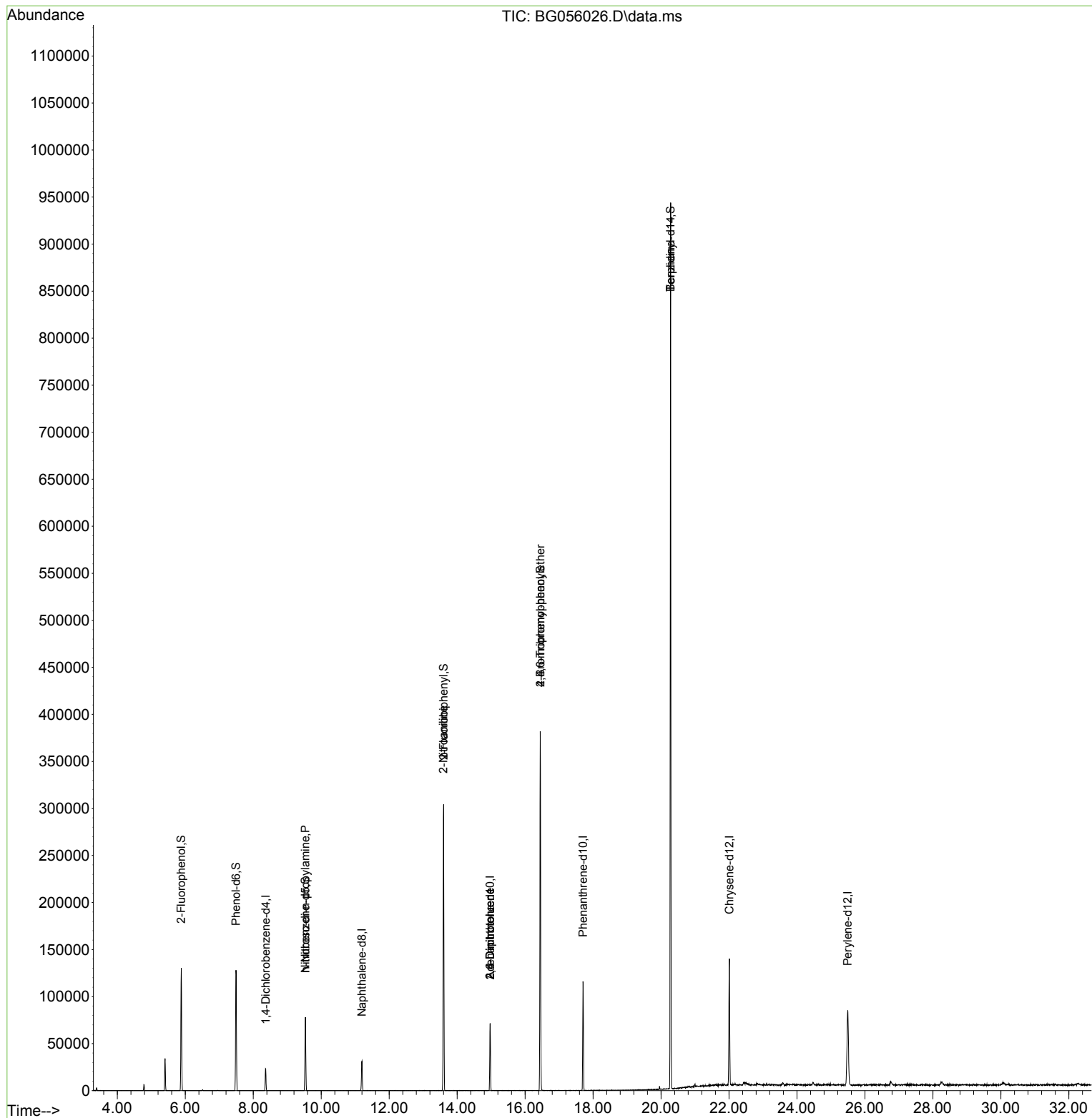
Quant Time: Dec 21 02:35:55 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 01:11:10 2022  
 Response via : Initial Calibration

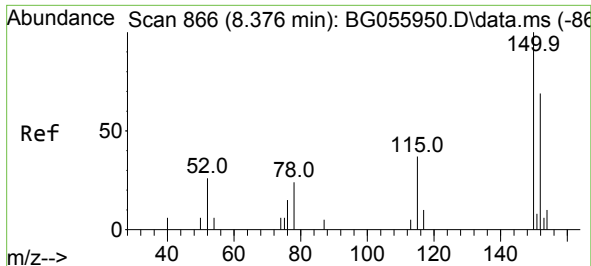
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.367  | 152  | 7739     | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.199 | 136  | 29048    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.971 | 164  | 28600    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.703 | 188  | 86275    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 22.009 | 240  | 99846    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.494 | 264  | 108184   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.881  | 112  | 52374    | 158.711 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.491  | 99   | 62703    | 147.738 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.536  | 82   | 40888    | 98.366  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.445 | 330  | 103348   | 149.860 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.602 | 172  | 169868   | 83.300  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.282 | 244  | 524331   | 92.813  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.536  | 70   | 6061     | 19.923  | ng    | # 60     |
| 48) 2-Nitroaniline            | 13.596 | 65   | 153      | 3.278   | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 14.971 | 165  | 3689     | 9.641   | ng    | # 25     |
| 57) 2,4-Dinitrotoluene        | 14.971 | 165  | 3689     | 6.387   | ng    | # 35     |
| 67) 4-Bromophenyl-phenylether | 16.445 | 248  | 5696     | 4.506   | ng    | # 1      |
| 77) Benzidine                 | 20.282 | 184  | 7459     | 4.254   | ng    | # 81     |
| -----                         |        |      |          |         |       |          |

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

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122022\  
Data File : BG056026.D  
Acq On : 20 Dec 2022 12:02  
Operator : CG/JU  
Sample : PB149551BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

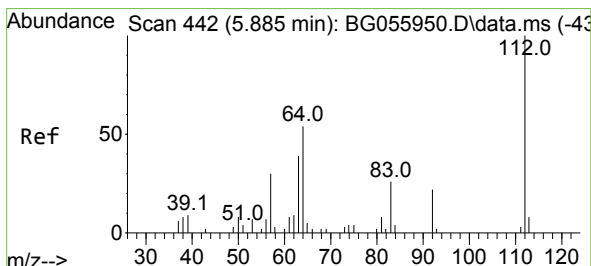
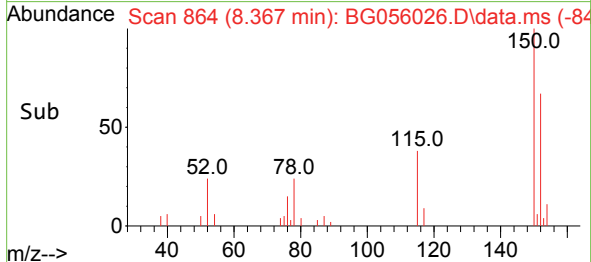
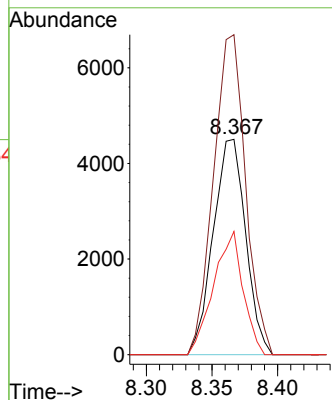
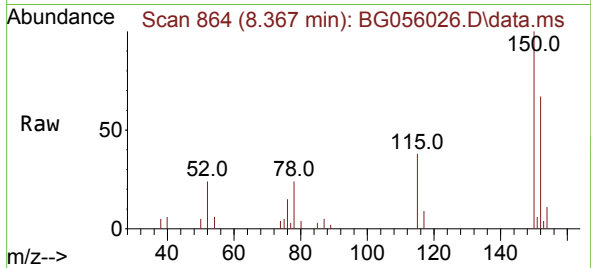
Quant Time: Dec 21 02:35:55 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 01:11:10 2022  
Response via : Initial Calibration





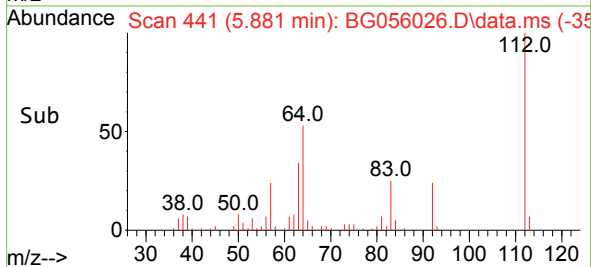
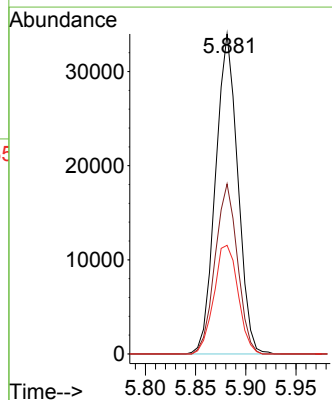
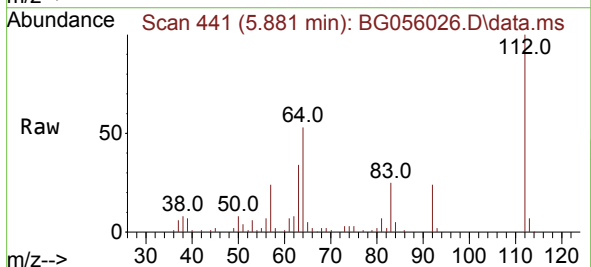
#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.367 min Scan# 864  
Delta R.T. 0.002 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

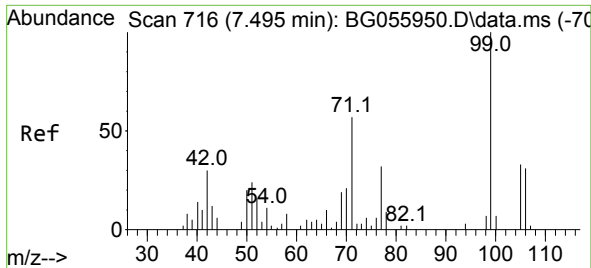
Tgt Ion:152 Resp: 7739  
Ion Ratio Lower Upper  
152 100  
150 148.6 115.7 173.5  
115 57.2 43.0 64.4



#5  
2-Fluorophenol  
Concen: 158.711 ng  
RT: 5.881 min Scan# 441  
Delta R.T. 0.002 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

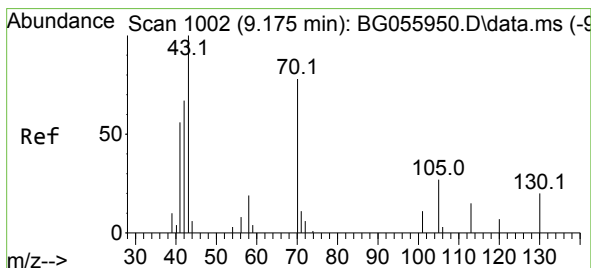
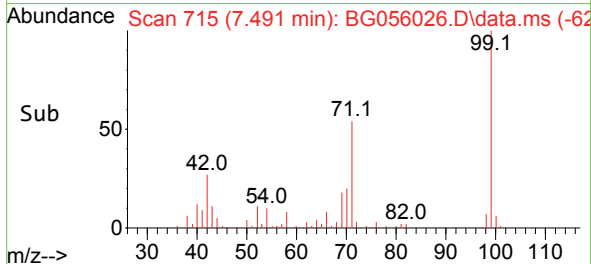
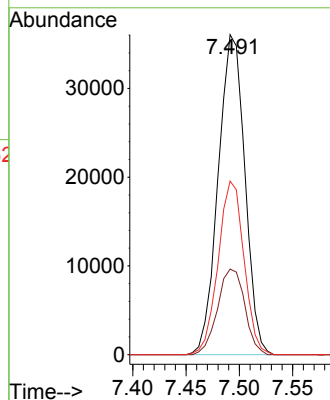
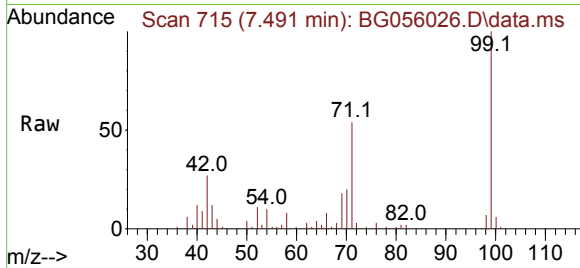
Tgt Ion:112 Resp: 52374  
Ion Ratio Lower Upper  
112 100  
64 53.1 43.0 64.4  
63 34.0 31.4 47.2





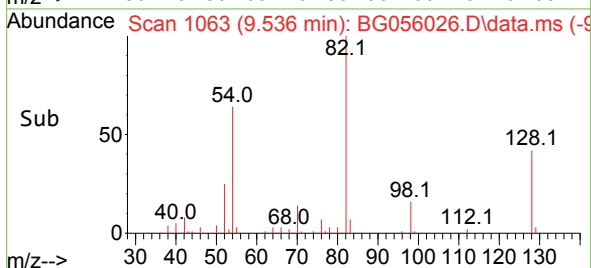
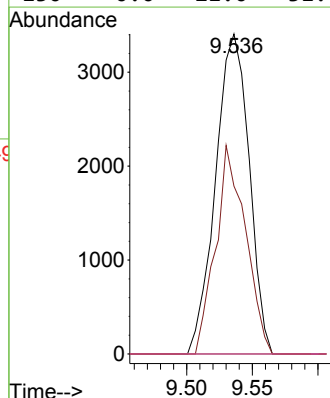
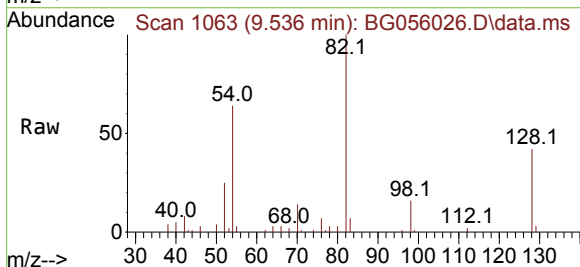
#7  
Phenol-d6  
Concen: 147.738 ng  
RT: 7.491 min Scan# 715  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

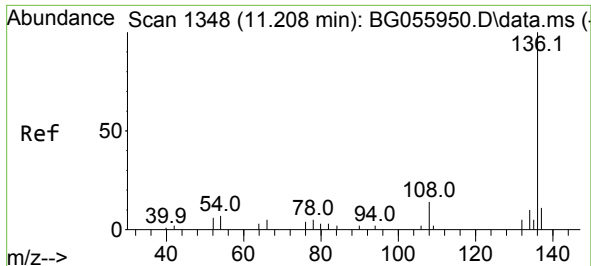
Tgt Ion: 99 Resp: 62703  
Ion Ratio Lower Upper  
99 100  
42 26.8 24.3 36.5  
71 54.3 45.6 68.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.923 ng  
RT: 9.536 min Scan# 1063  
Delta R.T. 0.366 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

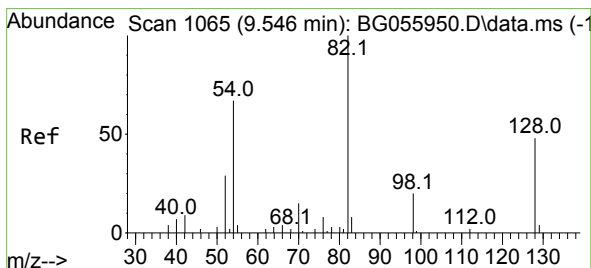
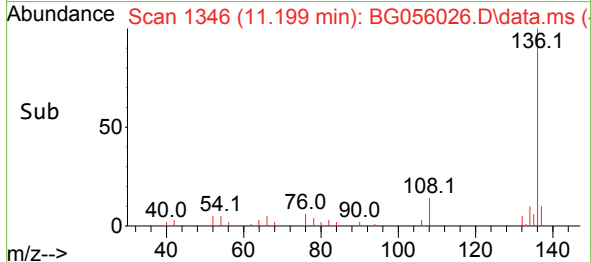
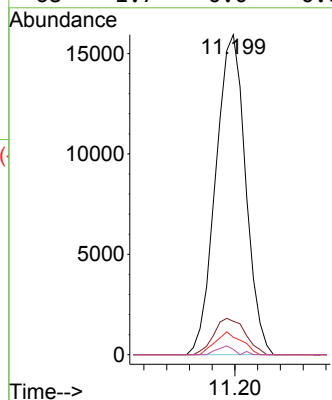
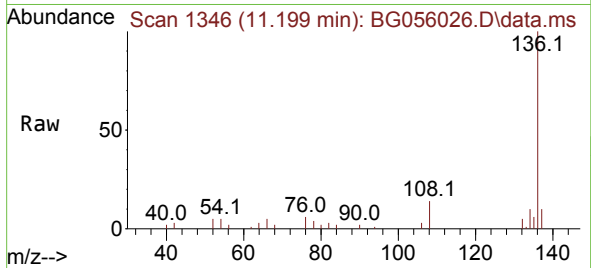
Tgt Ion: 70 Resp: 6061  
Ion Ratio Lower Upper  
70 100  
42 52.5 69.0 103.4#  
101 0.0 11.8 17.8#  
130 0.0 21.0 31.4#





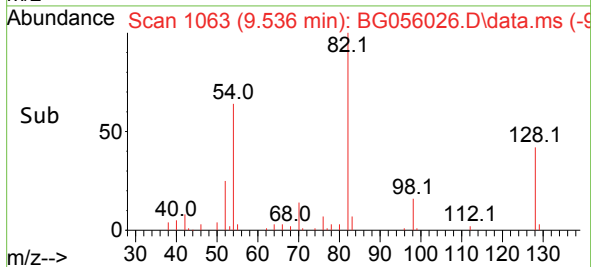
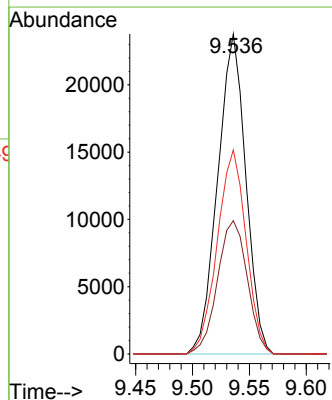
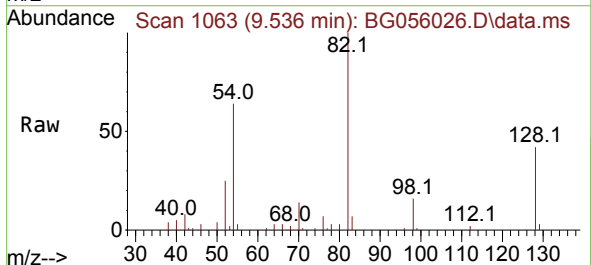
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.199 min Scan# 1346  
Delta R.T. 0.002 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

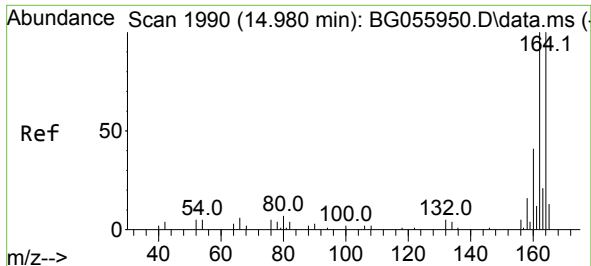
|             |       |          |
|-------------|-------|----------|
| Tgt Ion:136 | Resp: | 29048    |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 10.5  | 9.2 13.8 |
| 54          | 5.5   | 5.6 8.4# |
| 68          | 1.7   | 0.0 0.0# |



#23  
Nitrobenzene-d5  
Concen: 98.366 ng  
RT: 9.536 min Scan# 1063  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

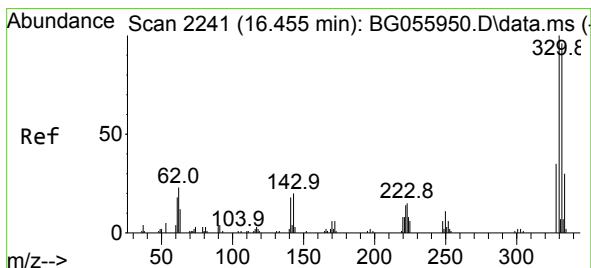
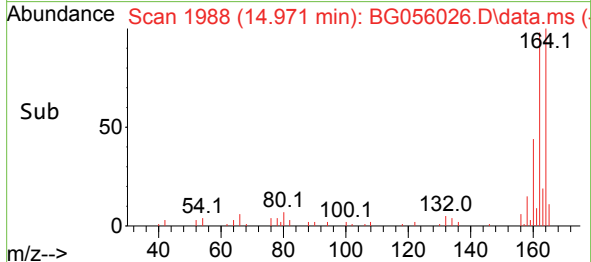
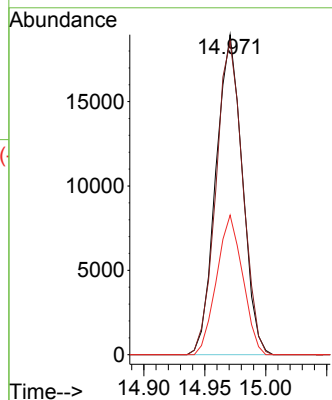
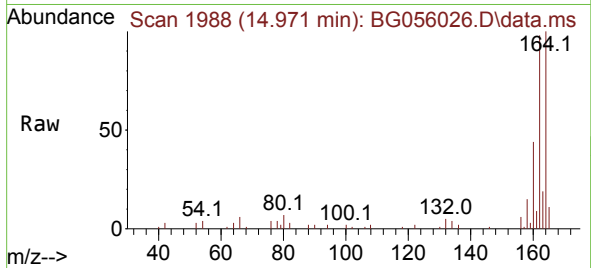
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion: 82 | Resp: | 40888     |
| Ion Ratio   | Lower | Upper     |
| 82          | 100   |           |
| 128         | 41.6  | 38.4 57.6 |
| 54          | 63.8  | 53.3 79.9 |





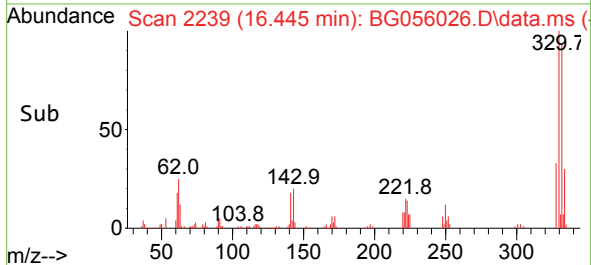
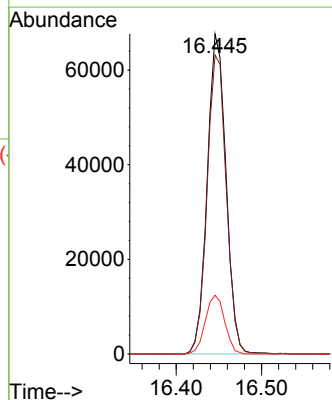
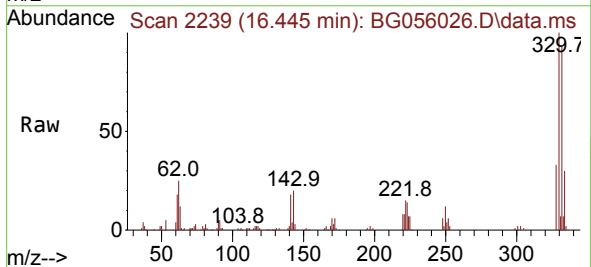
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.971 min Scan# 1988  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

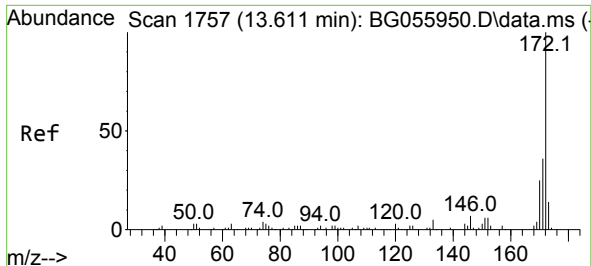
Tgt Ion:164 Resp: 28600  
Ion Ratio Lower Upper  
164 100  
162 97.9 79.8 119.8  
160 43.6 33.0 49.4



#42  
2,4,6-Tribromophenol  
Concen: 149.860 ng  
RT: 16.445 min Scan# 2239  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

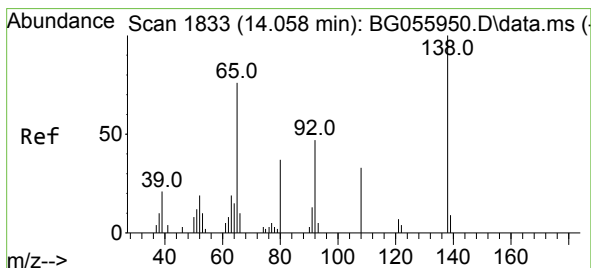
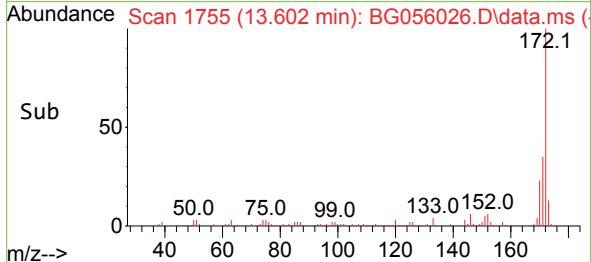
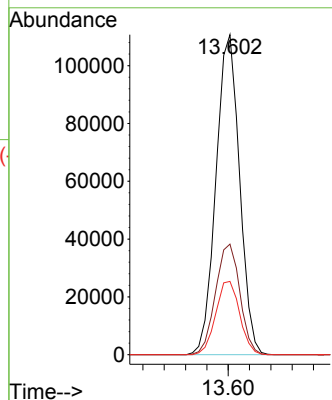
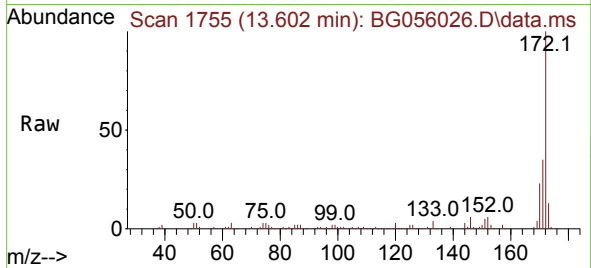
Tgt Ion:330 Resp: 103348  
Ion Ratio Lower Upper  
330 100  
332 95.4 76.6 114.8  
141 18.9 15.0 22.4





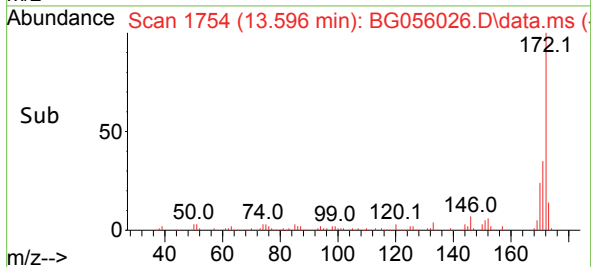
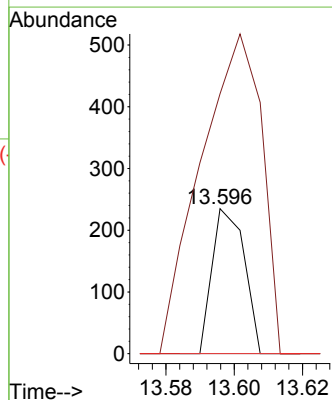
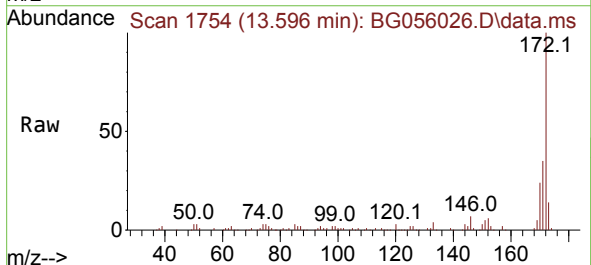
#45  
2-Fluorobiphenyl  
Concen: 83.300 ng  
RT: 13.602 min Scan# 1755  
Delta R.T. 0.002 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

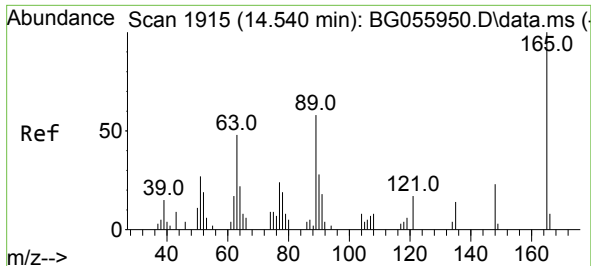
|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:172 | Resp: | 169868    |
| Ion Ratio   | Lower | Upper     |
| 172         | 100   |           |
| 171         | 34.6  | 28.6 42.8 |
| 170         | 22.9  | 19.9 29.9 |



#48  
2-Nitroaniline  
Concen: 3.278 ng  
RT: 13.596 min Scan# 1754  
Delta R.T. -0.456 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

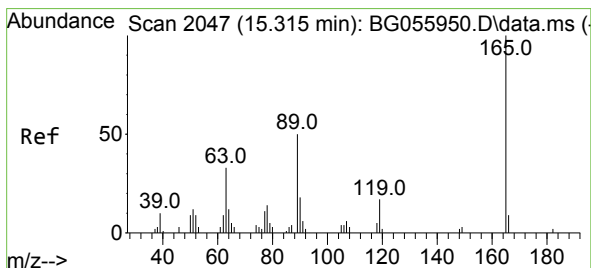
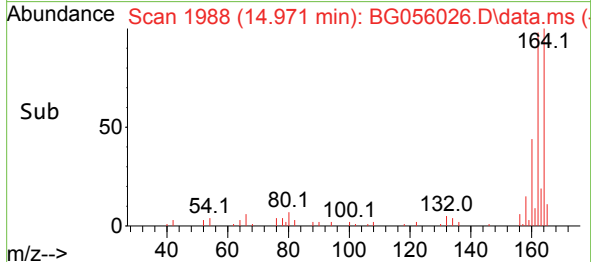
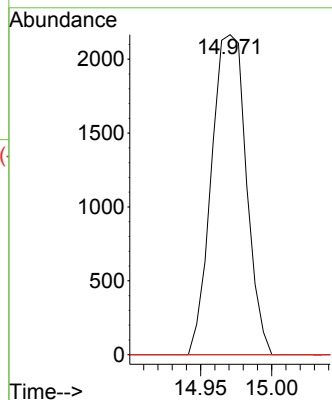
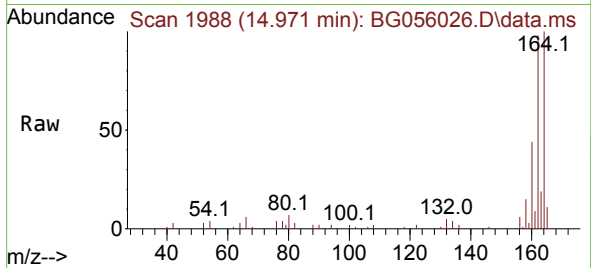
|             |       |              |
|-------------|-------|--------------|
| Tgt Ion: 65 | Resp: | 153          |
| Ion Ratio   | Lower | Upper        |
| 65          | 100   |              |
| 92          | 179.1 | 49.7 74.5#   |
| 138         | 0.0   | 105.0 157.6# |





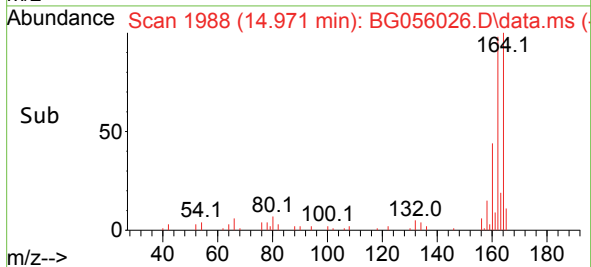
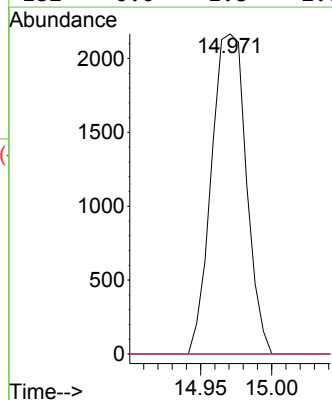
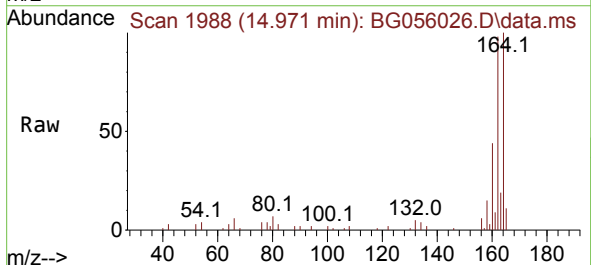
#51  
2,6-Dinitrotoluene  
Concen: 9.641 ng  
RT: 14.971 min Scan# 1988  
Delta R.T. 0.437 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

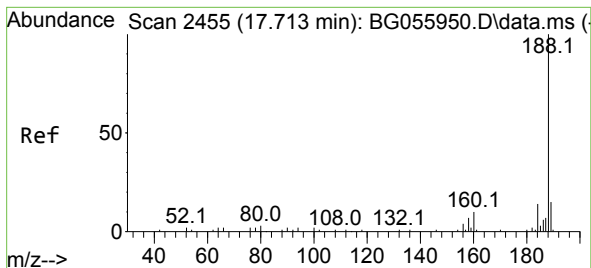
Tgt Ion:165 Resp: 3689  
Ion Ratio Lower Upper  
165 100  
63 0.0 38.3 57.5#  
89 0.0 46.3 69.5#



#57  
2,4-Dinitrotoluene  
Concen: 6.387 ng  
RT: 14.971 min Scan# 1988  
Delta R.T. -0.345 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

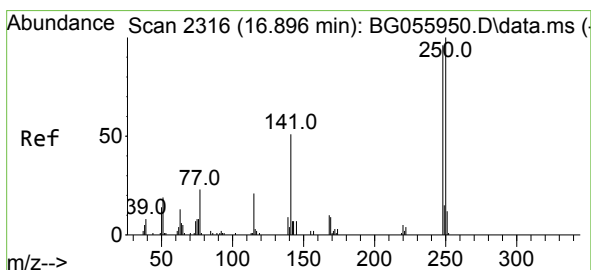
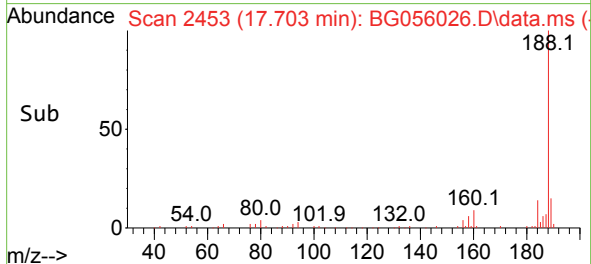
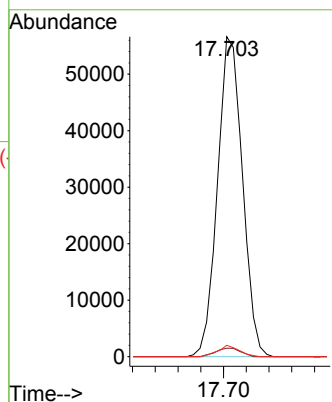
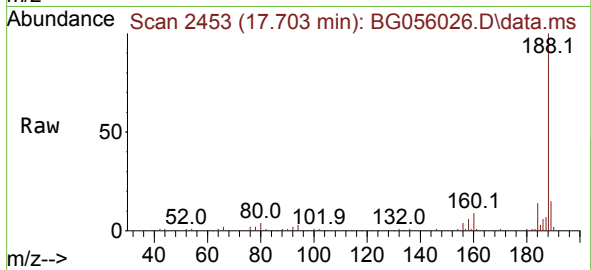
Tgt Ion:165 Resp: 3689  
Ion Ratio Lower Upper  
165 100  
63 0.0 26.6 39.8#  
89 0.0 40.1 60.1#  
182 0.0 1.8 2.6#





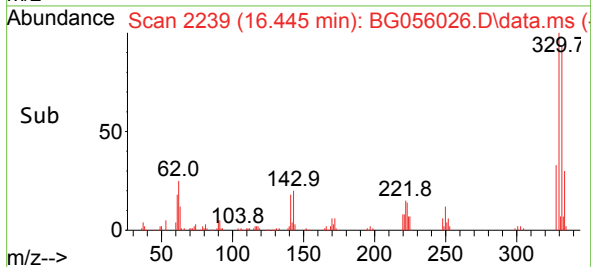
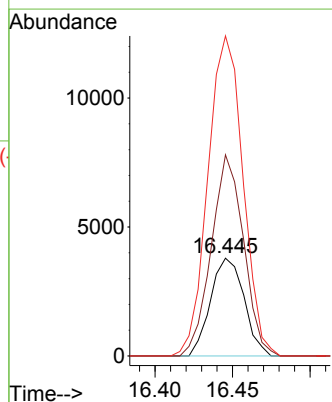
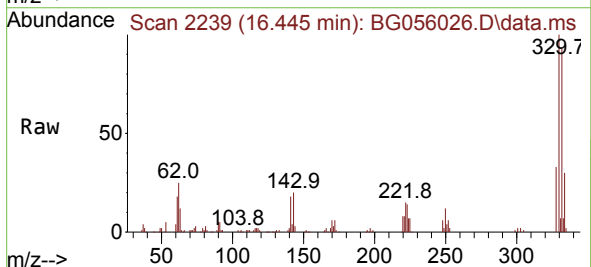
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.703 min Scan# 2453  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

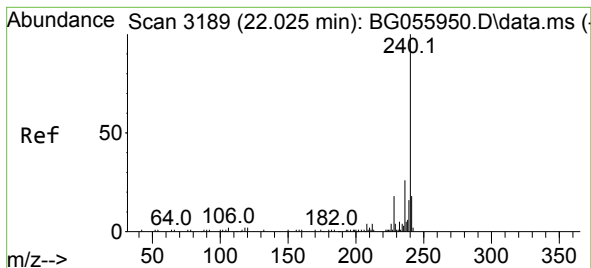
Tgt Ion:188 Resp: 86275  
Ion Ratio Lower Upper  
188 100  
94 2.7 1.8 2.8  
80 3.6 2.4 3.6



#67  
4-Bromophenyl-phenylether  
Concen: 4.506 ng  
RT: 16.445 min Scan# 2239  
Delta R.T. -0.445 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

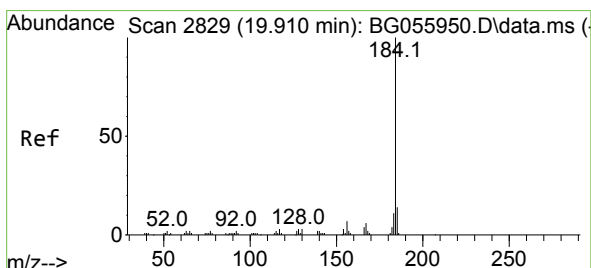
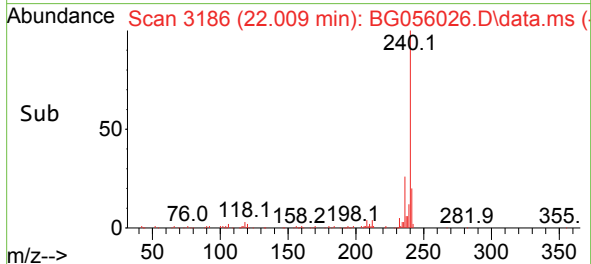
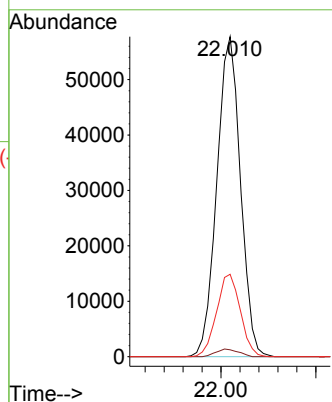
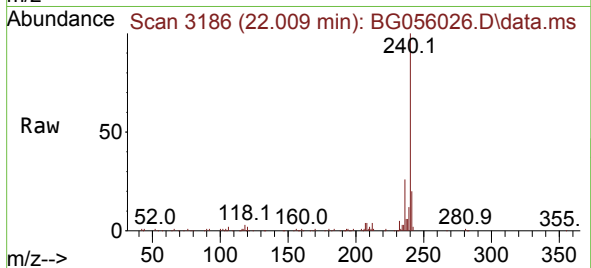
Tgt Ion:248 Resp: 5696  
Ion Ratio Lower Upper  
248 100  
250 205.6 83.0 124.6#  
141 327.1 42.6 64.0#





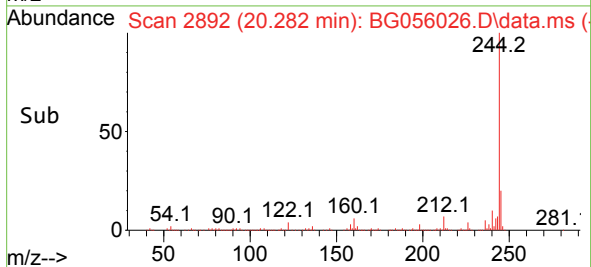
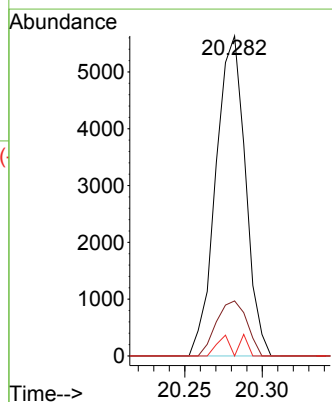
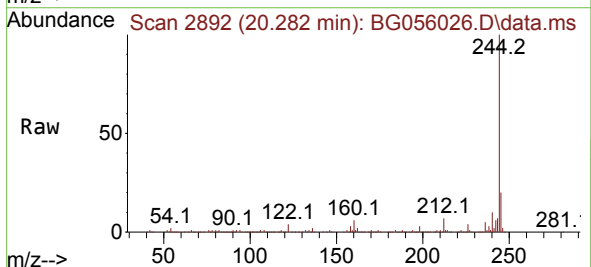
#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.009 min Scan# 3186  
Delta R.T. -0.004 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

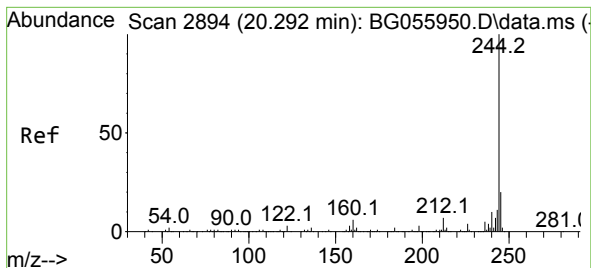
Tgt Ion:240 Resp: 99846  
Ion Ratio Lower Upper  
240 100  
120 2.2 1.7 2.5  
236 25.8 21.1 31.7



#77  
Benzidine  
Concen: 4.254 ng  
RT: 20.282 min Scan# 2892  
Delta R.T. 0.378 min  
Lab File: BG056026.D  
Acq: 20 Dec 2022 12:02

Tgt Ion:184 Resp: 7459  
Ion Ratio Lower Upper  
184 100  
185 17.2 10.9 16.3#  
183 0.0 9.2 13.8#





#79

Terphenyl-d14

Concen: 92.813 ng

RT: 20.282 min Scan# 2892

Delta R.T. 0.002 min

Lab File: BG056026.D

Acq: 20 Dec 2022 12:02

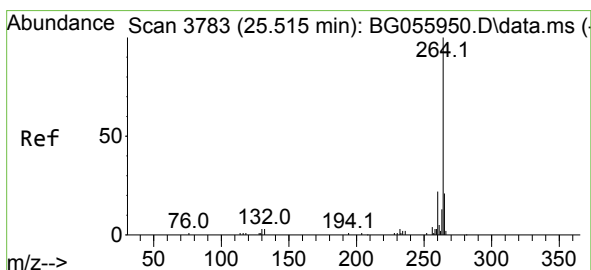
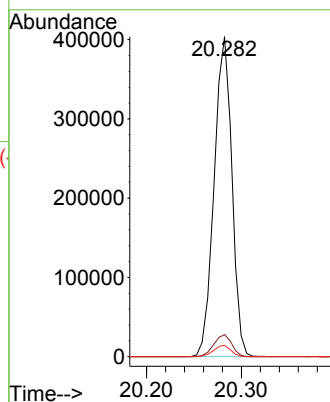
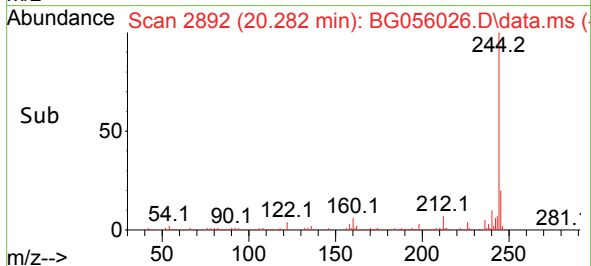
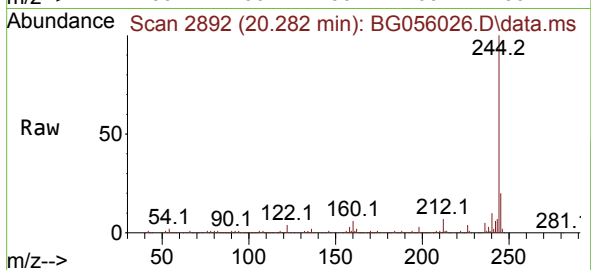
Tgt Ion:244 Resp: 524331

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.6

122 3.6 2.5 3.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.494 min Scan# 3779

Delta R.T. -0.004 min

Lab File: BG056026.D

Acq: 20 Dec 2022 12:02

Tgt Ion:264 Resp: 108184

Ion Ratio Lower Upper

264 100

260 22.7 17.8 26.8

265 22.6 16.6 25.0

