

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG053023\  
 Data File : BG057607.D  
 Acq On : 30 May 2023 15:28  
 Operator : CG/JU  
 Sample : 02955-13  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TWP05

Quant Time: May 31 03:28:14 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG052723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 31 03:25:39 2023  
 Response via : Initial Calibration

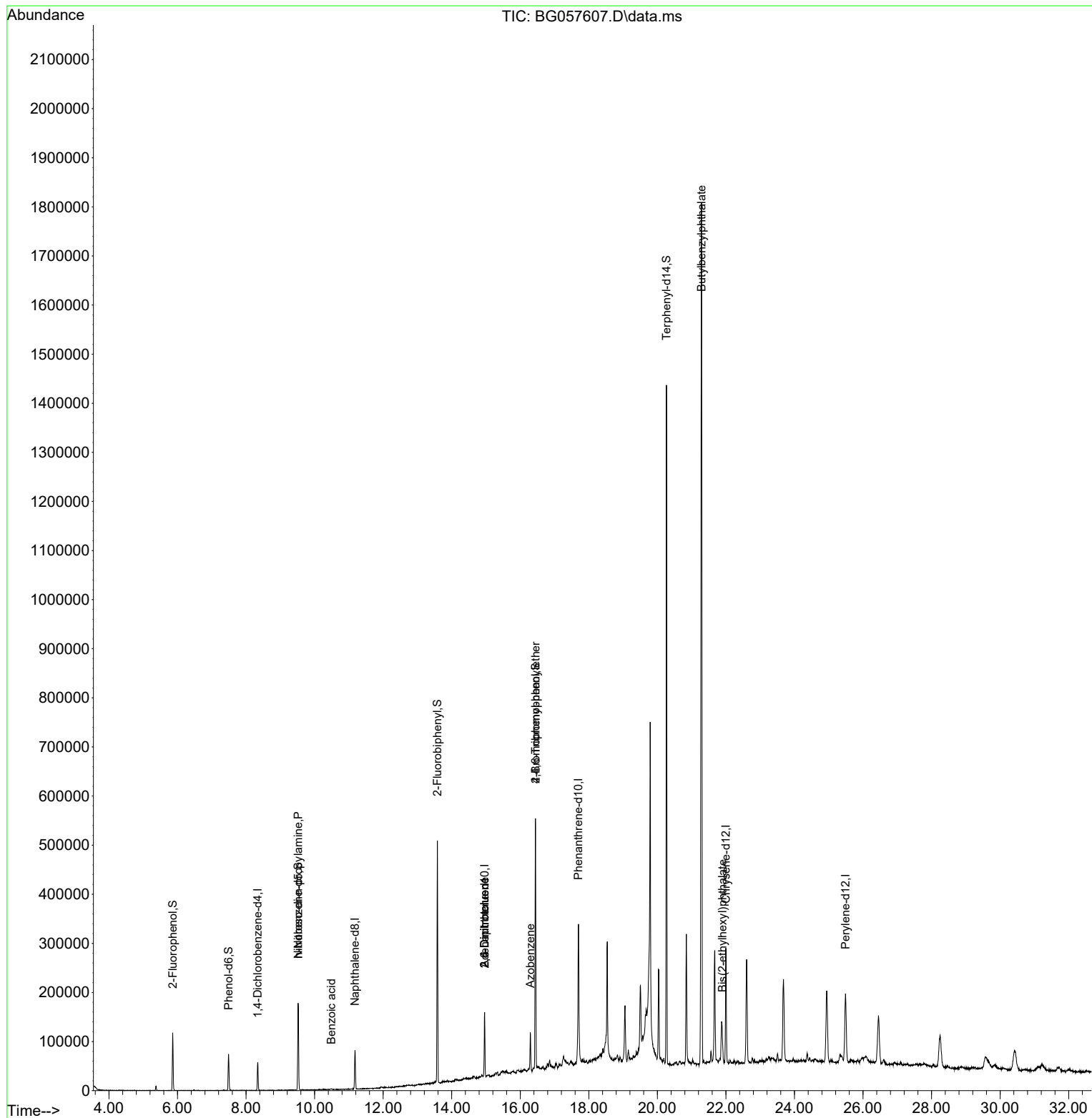
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.340  | 152  | 16912    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.177 | 136  | 65235    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.960 | 164  | 45226    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.697 | 188  | 138736   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.998 | 240  | 146859   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.487 | 264  | 163950   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.861  | 112  | 53699    | 55.163  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.488  | 99   | 48047    | 31.538  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.520  | 82   | 116369   | 83.388  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.446 | 330  | 106555   | 147.159 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.579 | 172  | 257327   | 81.769  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.265 | 244  | 694575   | 81.926  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 9.520  | 70   | 15838    | 14.964  | ng    | # 81     |
| 32) Benzoic acid              | 10.484 | 122  | 270      | 7.010   | ng    | # 25     |
| 51) 2,6-Dinitrotoluene        | 14.960 | 165  | 6258     | 7.843   | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 14.960 | 165  | 6258     | 5.238   | ng    | # 25     |
| 63) Azobenzene                | 16.293 | 77   | 24744    | 7.152   | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 16.446 | 248  | 7337     | 4.715   | ng    | # 1      |
| 80) Butylbenzylphthalate      | 21.287 | 149  | 363686   | 95.499  | ng    | # 24     |
| 84) Bis(2-ethylhexyl)phtha... | 21.898 | 149  | 21080    | 3.881   | ng    | # 84     |
| -----                         |        |      |          |         |       |          |

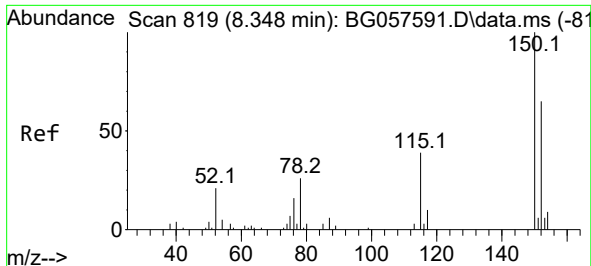
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG053023\  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 31 03:25:39 2023  
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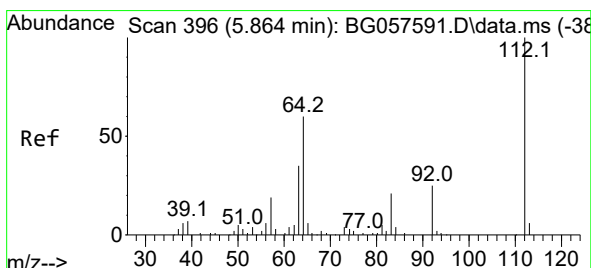
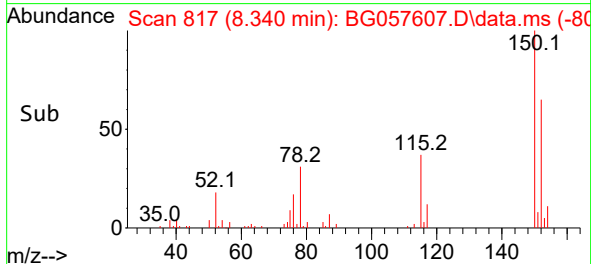
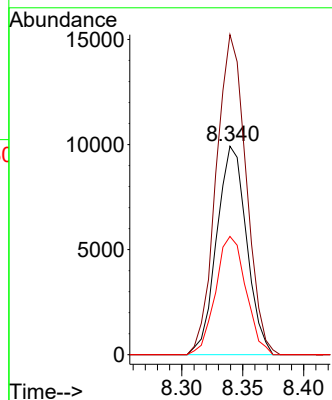
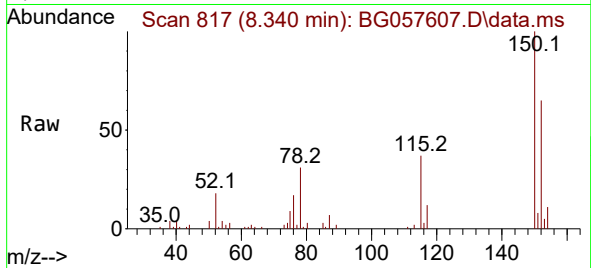




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.340 min Scan# 819  
Delta R.T. -0.004 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

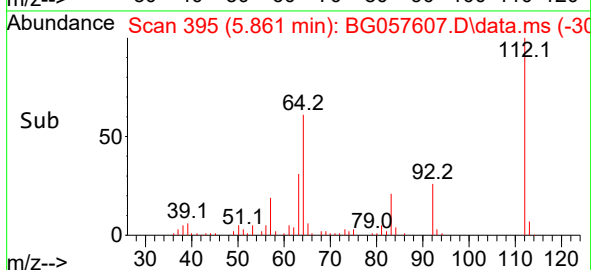
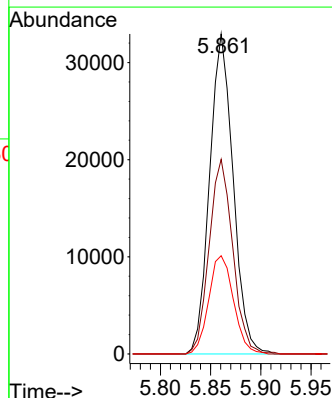
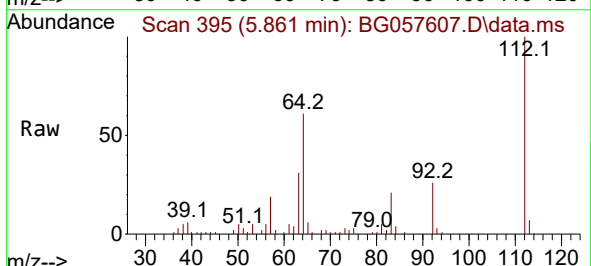
Instrument :  
BNA\_G  
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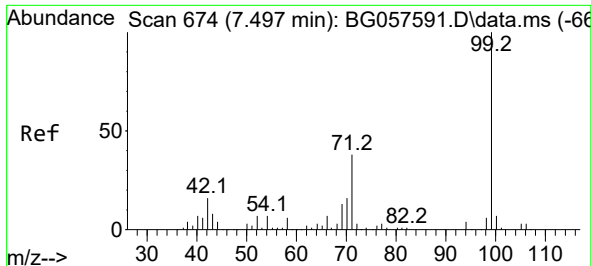
Tgt Ion:152 Resp: 16912  
Ion Ratio Lower Upper  
152 100  
150 153.5 123.0 184.4  
115 56.8 47.4 71.2



#5  
2-Fluorophenol  
Concen: 55.163 ng  
RT: 5.861 min Scan# 395  
Delta R.T. 0.002 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:112 Resp: 53699  
Ion Ratio Lower Upper  
112 100  
64 60.8 47.8 71.6  
63 30.7 27.8 41.8

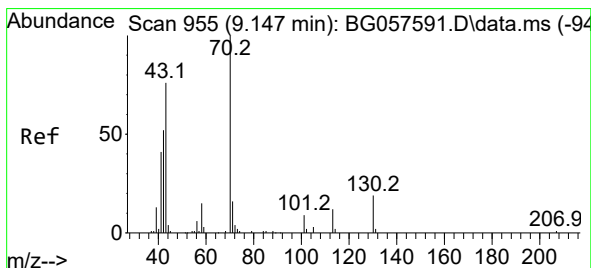
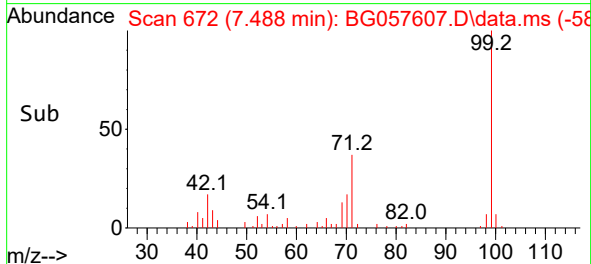
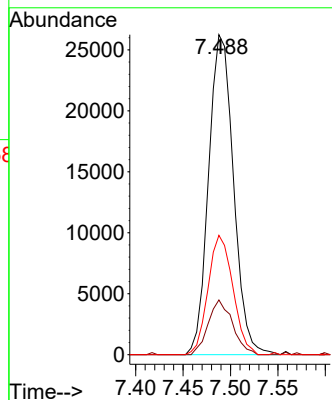
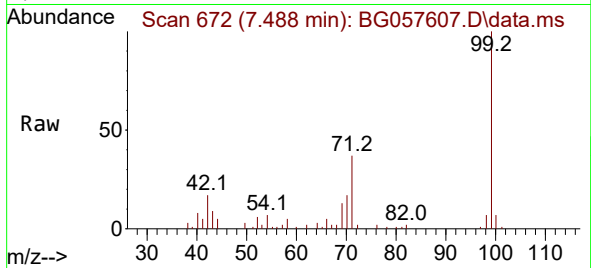




#7  
Phenol-d6  
Concen: 31.538 ng  
RT: 7.488 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

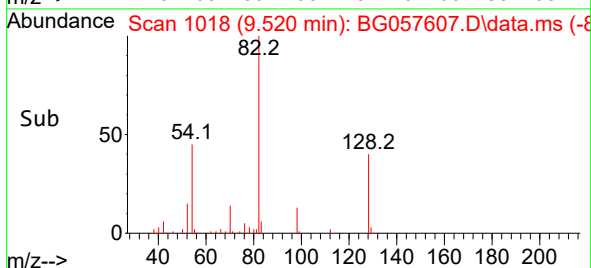
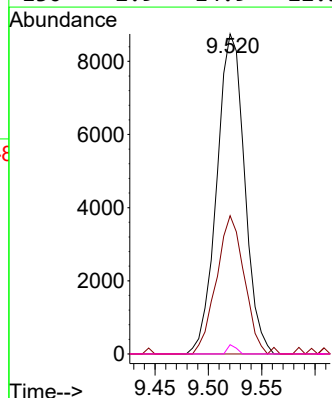
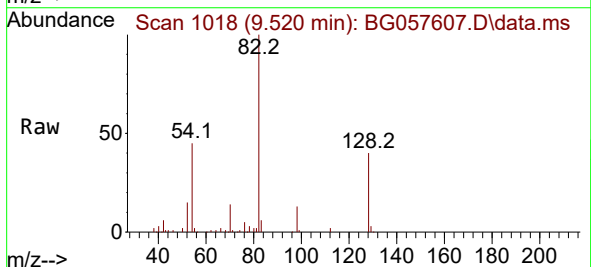
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

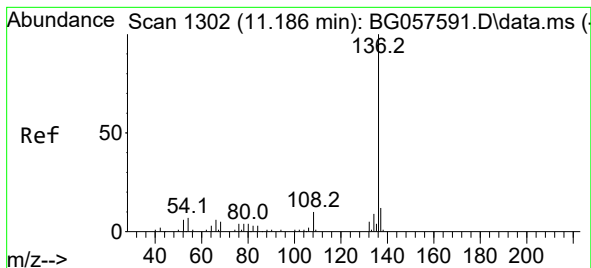
Tgt Ion: 99 Resp: 48047  
Ion Ratio Lower Upper  
99 100  
42 17.1 12.8 19.2  
71 37.3 30.3 45.5



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.964 ng  
RT: 9.520 min Scan# 1018  
Delta R.T. 0.378 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion: 70 Resp: 15838  
Ion Ratio Lower Upper  
70 100  
42 43.2 41.4 62.0  
101 0.0 6.9 10.3#  
130 2.9 14.9 22.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.177 min Scan# 11

Delta R.T. 0.002 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

Instrument :

BNA\_G

ClientSampleId :

TWP05

Tgt Ion:136 Resp: 65235

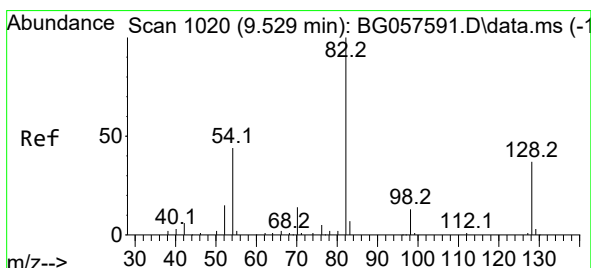
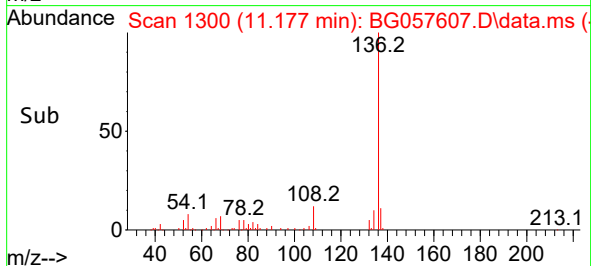
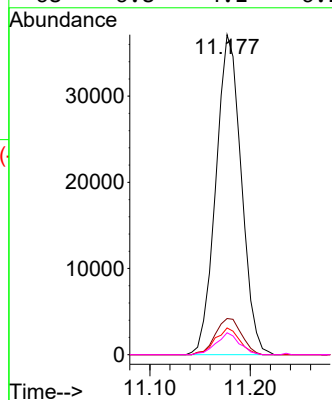
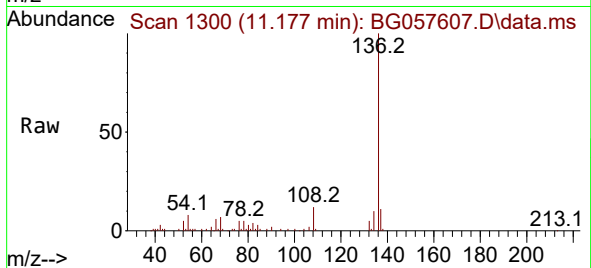
Ion Ratio Lower Upper

136 100

137 11.3 9.8 14.8

54 8.4 5.8 8.6

68 6.8 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 83.388 ng

RT: 9.520 min Scan# 1018

Delta R.T. -0.004 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

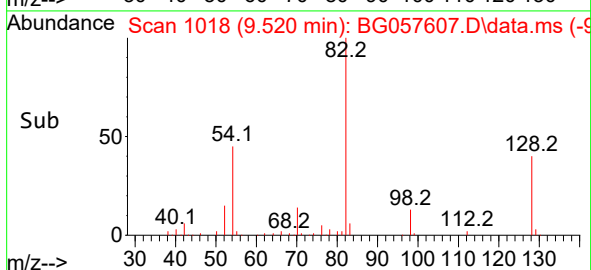
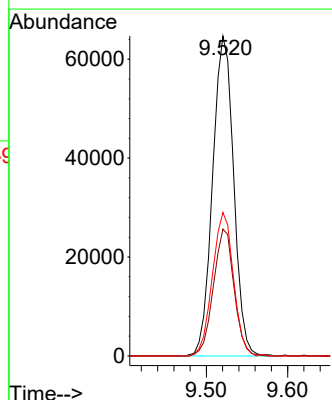
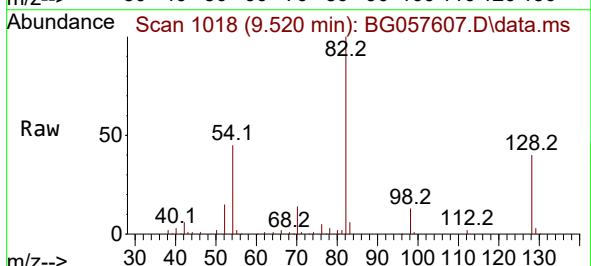
Tgt Ion: 82 Resp: 116369

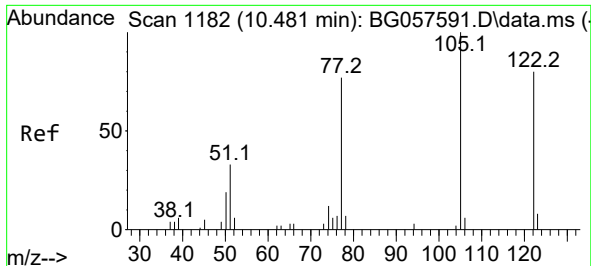
Ion Ratio Lower Upper

82 100

128 39.6 30.0 45.0

54 44.8 35.2 52.8

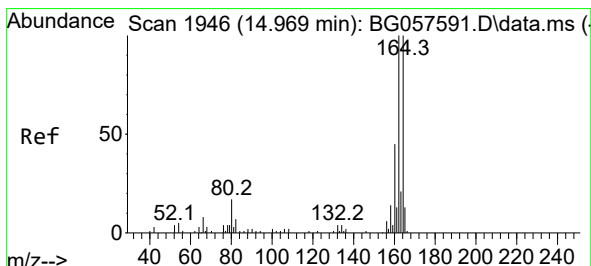
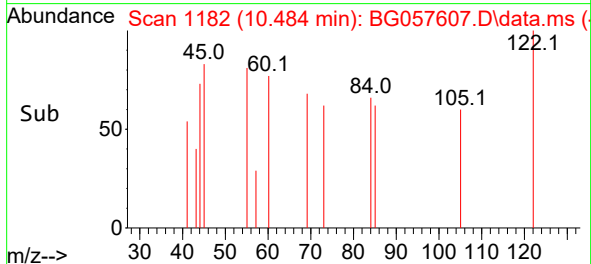
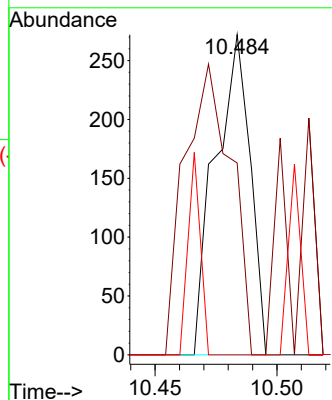
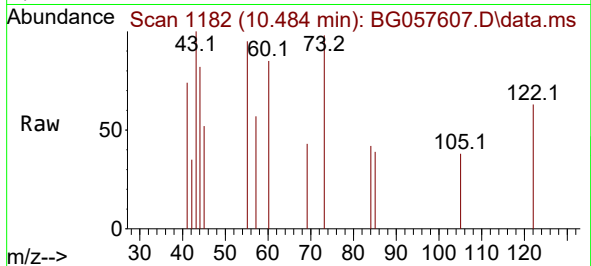




#32  
Benzoic acid  
Concen: 7.010 ng  
RT: 10.484 min Scan# 1182  
Delta R.T. 0.013 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

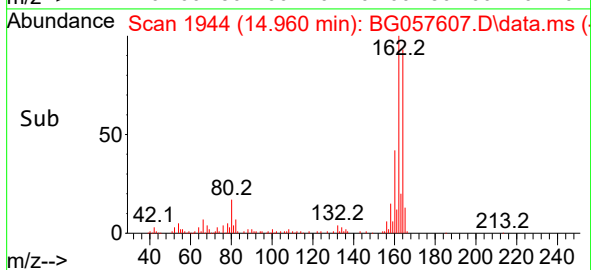
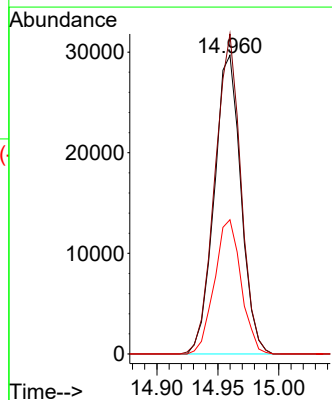
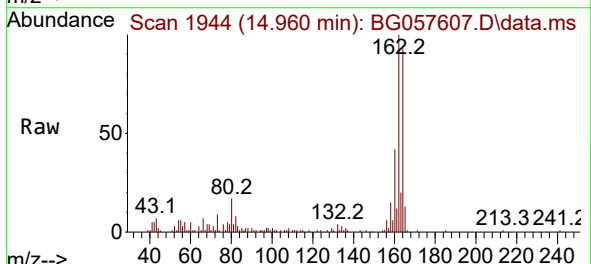
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

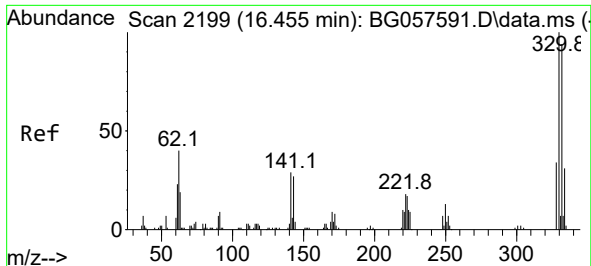
Tgt Ion:122 Resp: 270  
Ion Ratio Lower Upper  
122 100  
105 59.9 104.8 144.8#  
77 0.0 75.8 115.8#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.960 min Scan# 1944  
Delta R.T. 0.002 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:164 Resp: 45226  
Ion Ratio Lower Upper  
164 100  
162 107.1 80.1 120.1  
160 45.0 35.9 53.9

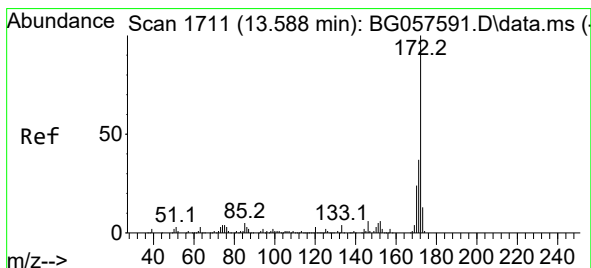
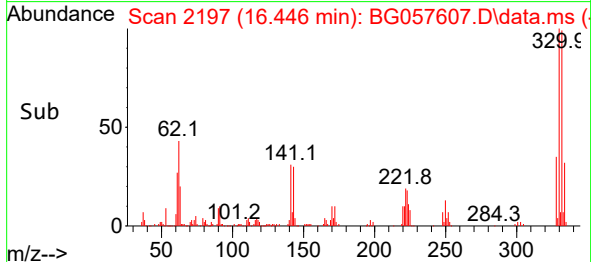
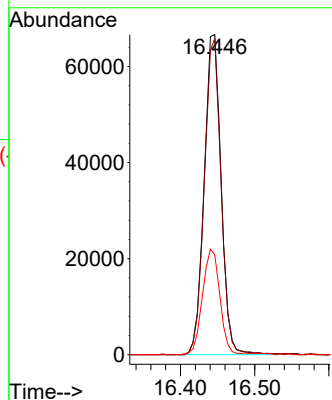
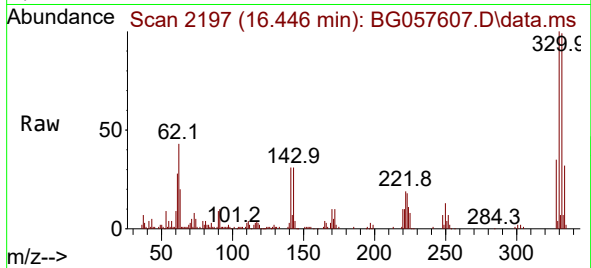




#42  
2,4,6-Tribromophenol  
Concen: 147.159 ng  
RT: 16.446 min Scan# 2197  
Delta R.T. 0.002 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

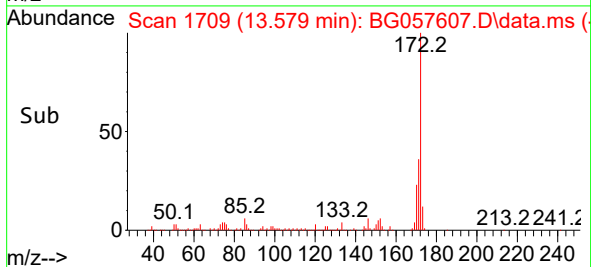
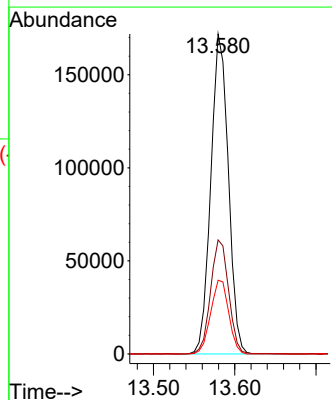
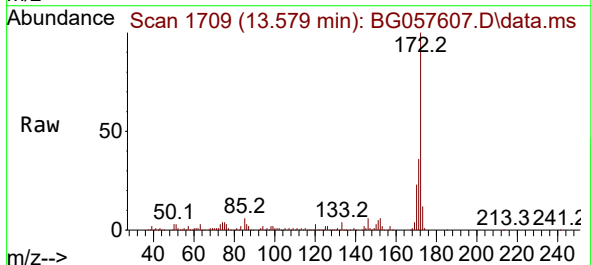
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

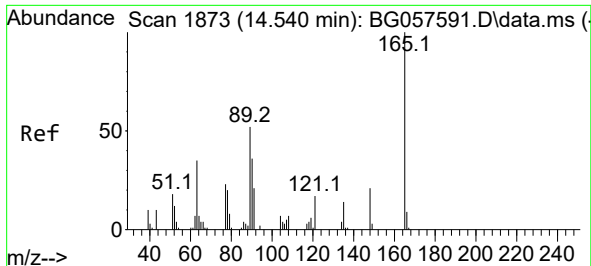
Tgt Ion:330 Resp: 106555  
Ion Ratio Lower Upper  
330 100  
332 97.1 77.3 115.9  
141 33.6 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 81.769 ng  
RT: 13.579 min Scan# 1709  
Delta R.T. -0.004 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:172 Resp: 257327  
Ion Ratio Lower Upper  
172 100  
171 35.6 29.2 43.8  
170 23.0 19.0 28.4

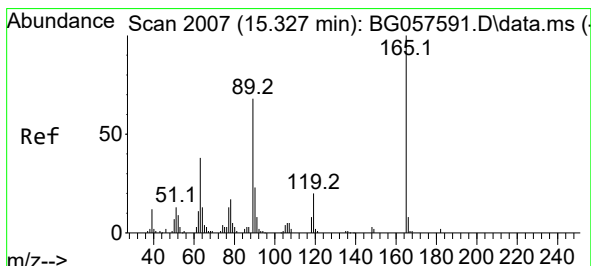
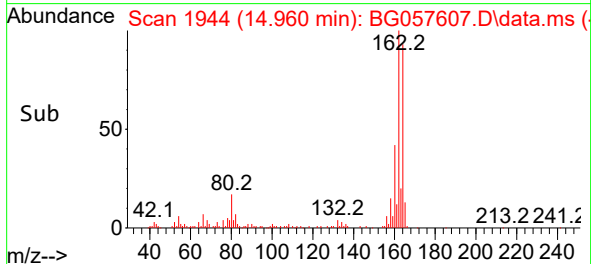
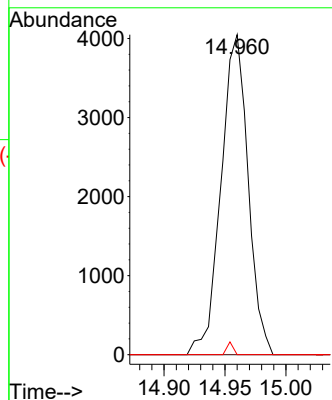
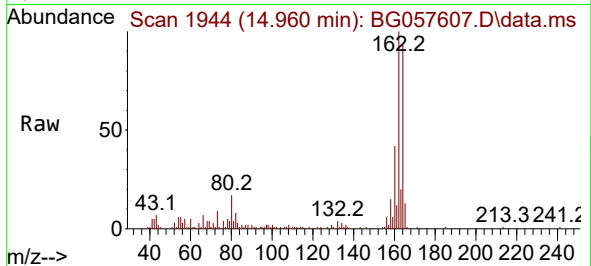




#51  
2,6-Dinitrotoluene  
Concen: 7.843 ng  
RT: 14.960 min Scan# 1944  
Delta R.T. 0.430 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

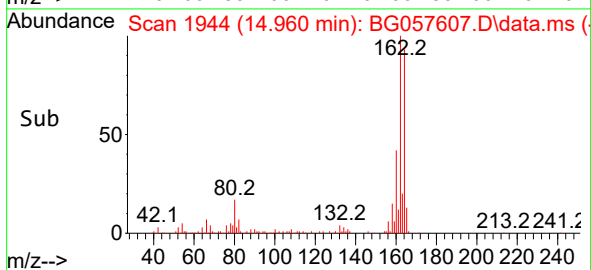
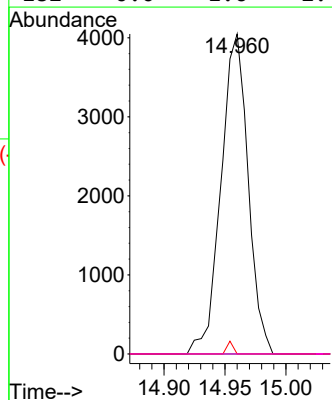
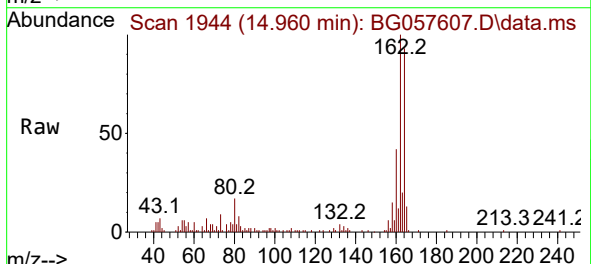
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

Tgt Ion:165 Resp: 6258  
Ion Ratio Lower Upper  
165 100  
63 0.0 39.3 58.9#  
89 0.0 41.5 62.3#

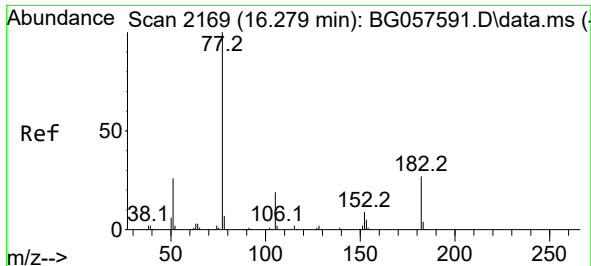


#57  
2,4-Dinitrotoluene  
Concen: 5.238 ng  
RT: 14.960 min Scan# 1944  
Delta R.T. -0.363 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:165 Resp: 6258  
Ion Ratio Lower Upper  
165 100  
63 0.0 30.6 45.8#  
89 0.0 54.2 81.2#  
182 0.0 1.6 2.4#



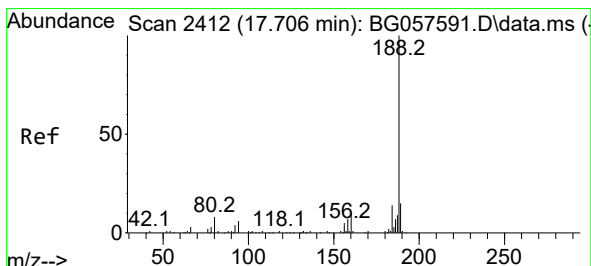
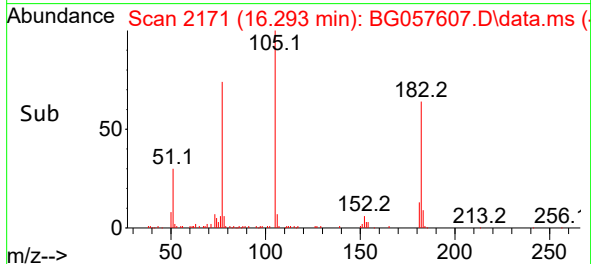
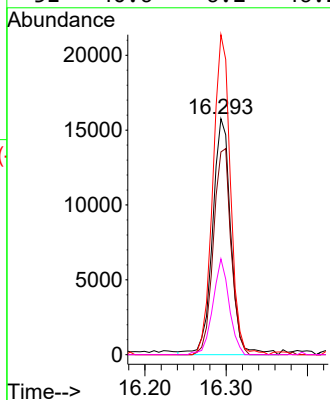
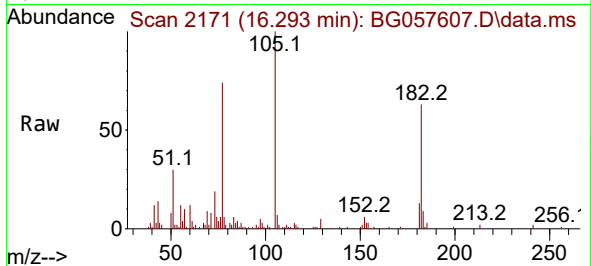




#63  
Azobenzene  
Concen: 7.152 ng  
RT: 16.293 min Scan# 2169  
Delta R.T. 0.025 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

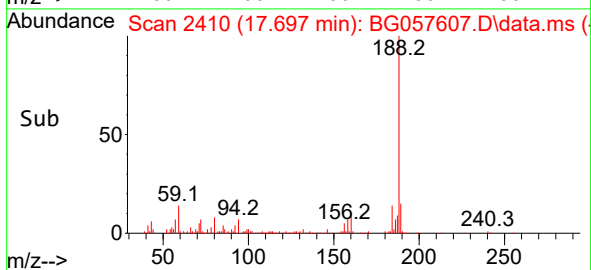
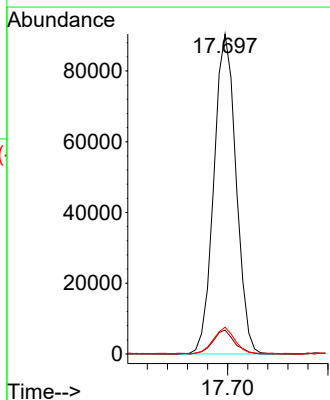
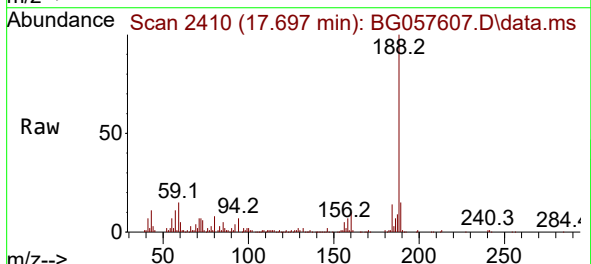
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

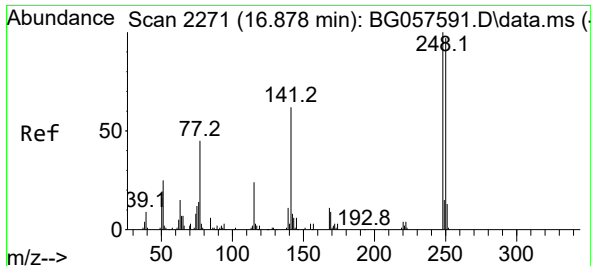
|             |             |
|-------------|-------------|
| Tgt Ion: 77 | Resp: 24744 |
| Ion Ratio   | Lower Upper |
| 77 100      |             |
| 182 85.9    | 7.4 47.4#   |
| 105 135.6   | 0.0 39.4#   |
| 51 40.6     | 6.2 46.2    |



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.697 min Scan# 2410  
Delta R.T. 0.002 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

|              |              |
|--------------|--------------|
| Tgt Ion: 188 | Resp: 138736 |
| Ion Ratio    | Lower Upper  |
| 188 100      |              |
| 94 7.5       | 5.2 7.8      |
| 80 8.3       | 6.7 10.1     |

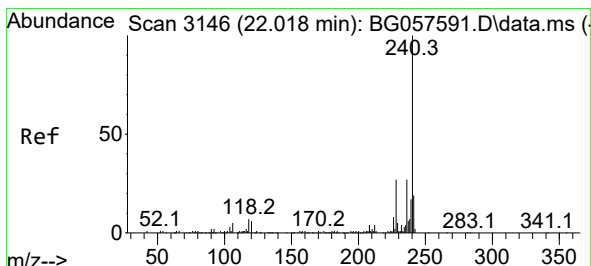
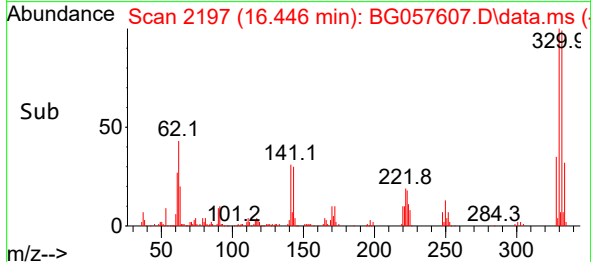
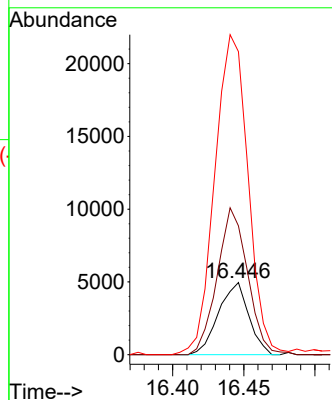
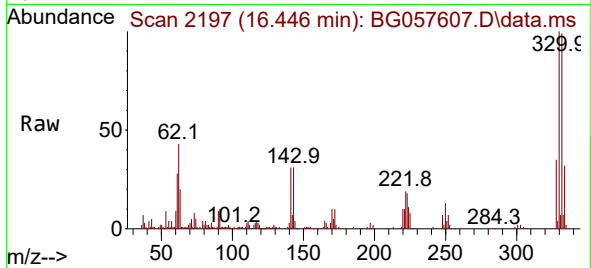




#67  
4-Bromophenyl-phenylether  
Concen: 4.715 ng  
RT: 16.446 min Scan# 2197  
Delta R.T. -0.427 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

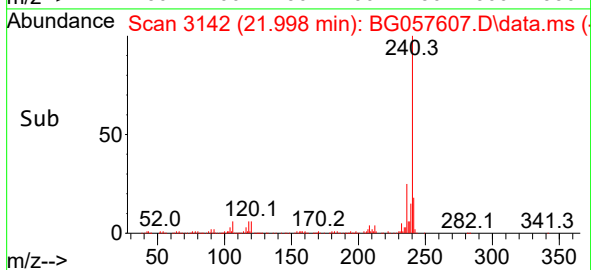
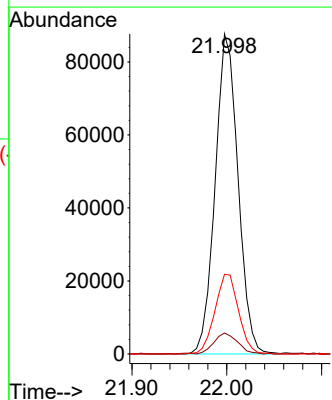
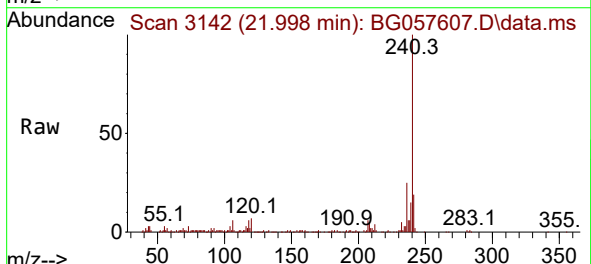
Instrument :  
BNA\_G  
ClientSampleId :  
TWP05

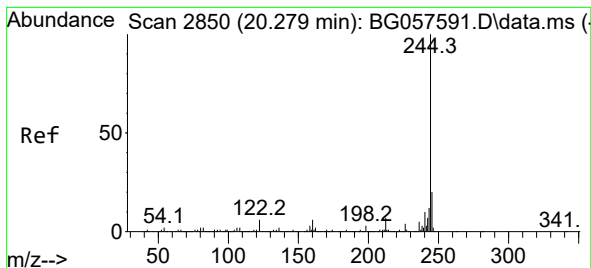
Tgt Ion:248 Resp: 7337  
Ion Ratio Lower Upper  
248 100  
250 178.3 77.4 116.2#  
141 419.7 49.4 74.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.998 min Scan# 3142  
Delta R.T. -0.004 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:240 Resp: 146859  
Ion Ratio Lower Upper  
240 100  
120 6.6 5.2 7.8  
236 24.9 21.4 32.0





#79

Terphenyl-d14

Concen: 81.926 ng

RT: 20.265 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

Instrument :

BNA\_G

ClientSampleId :

TWP05

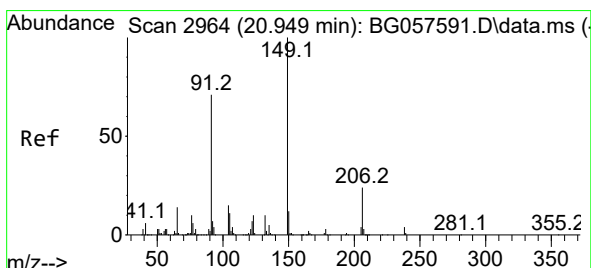
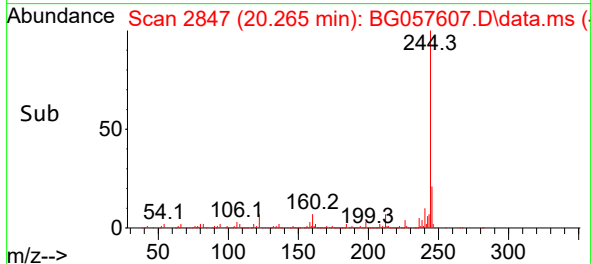
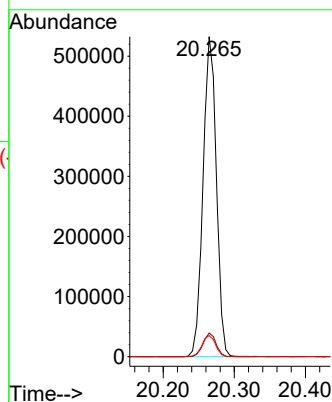
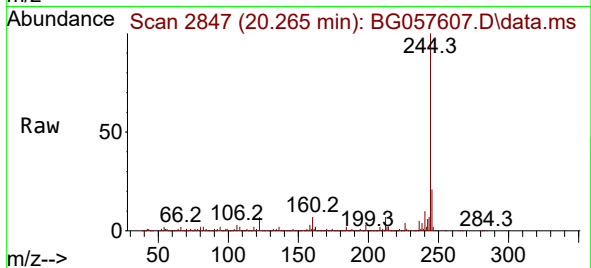
Tgt Ion:244 Resp: 694575

Ion Ratio Lower Upper

244 100

212 7.4 5.6 8.4

122 6.6 4.8 7.2



#80

Butylbenzylphthalate

Concen: 95.499 ng

RT: 21.287 min Scan# 3021

Delta R.T. 0.348 min

Lab File: BG057607.D

Acq: 30 May 2023 15:28

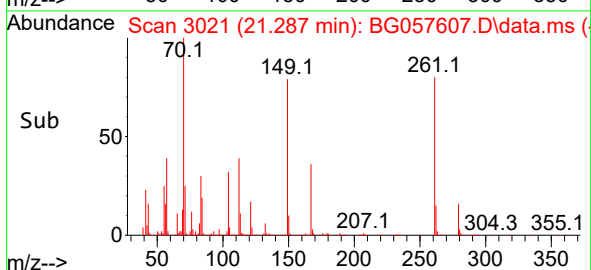
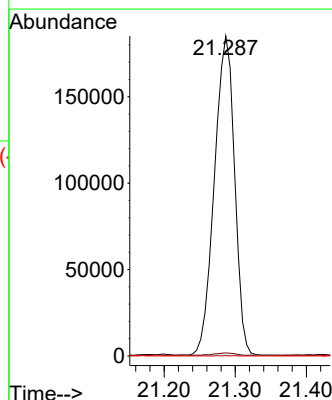
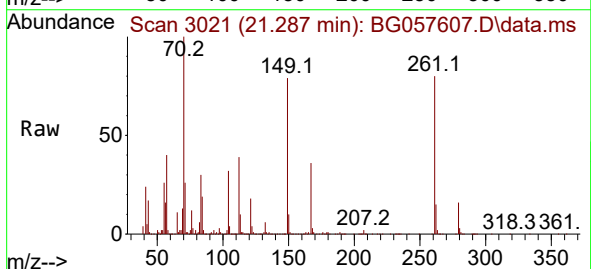
Tgt Ion:149 Resp: 363686

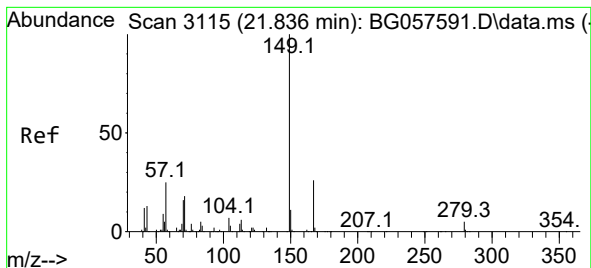
Ion Ratio Lower Upper

149 100

91 1.0 57.0 85.6#

206 0.1 19.4 29.2#

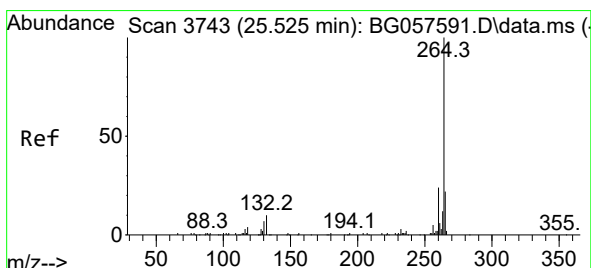
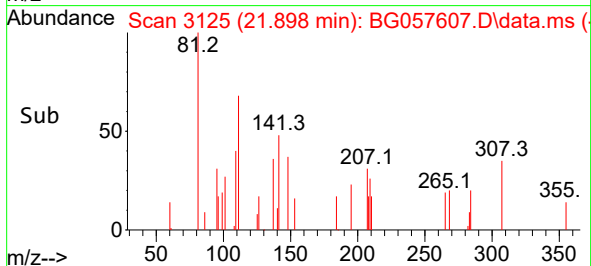
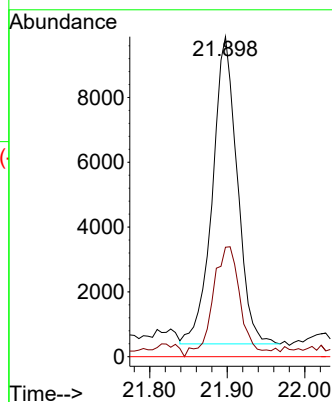
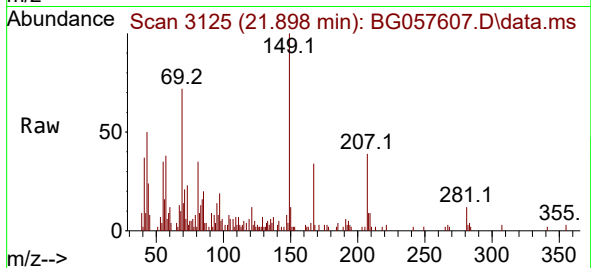




#84  
Bis(2-ethylhexyl)phthalate  
Concen: 3.881 ng  
RT: 21.898 min Scan# 3115  
Delta R.T. 0.078 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Instrument :  
BNA\_G  
ClientSampleId :  
TWPO5

Tgt Ion:149 Resp: 21080  
Ion Ratio Lower Upper  
149 100  
167 34.2 20.6 31.0#  
279 0.0 3.6 5.4#



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.487 min Scan# 3736  
Delta R.T. -0.004 min  
Lab File: BG057607.D  
Acq: 30 May 2023 15:28

Tgt Ion:264 Resp: 163950  
Ion Ratio Lower Upper  
264 100  
260 22.5 19.1 28.7  
265 20.8 17.7 26.5

