

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG101821\  
 Data File : BG050618.D  
 Acq On : 18 Oct 2021 15:26  
 Operator : CG/JU  
 Sample : M4249-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP1-(D)

Quant Time: Oct 18 16:11:07 2021  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG100621.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 14 10:56:22 2021  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.255  | 152  | 45378    | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.081 | 136  | 195828   | 20.00  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.871 | 164  | 131515   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.615 | 188  | 295789   | 20.00  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.915 | 240  | 266071   | 20.00  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.329 | 264  | 257579   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.793  | 112  | 379359   | 125.03 | ng    | 0.00     |
| 7) Phenol-d6                | 7.397  | 99   | 510635   | 116.24 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.430  | 82   | 364883   | 77.13  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.357 | 330  | 148415   | 118.31 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.496 | 172  | 652290   | 74.65  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.206 | 244  | 1066313  | 78.10  | ng    | 0.00     |

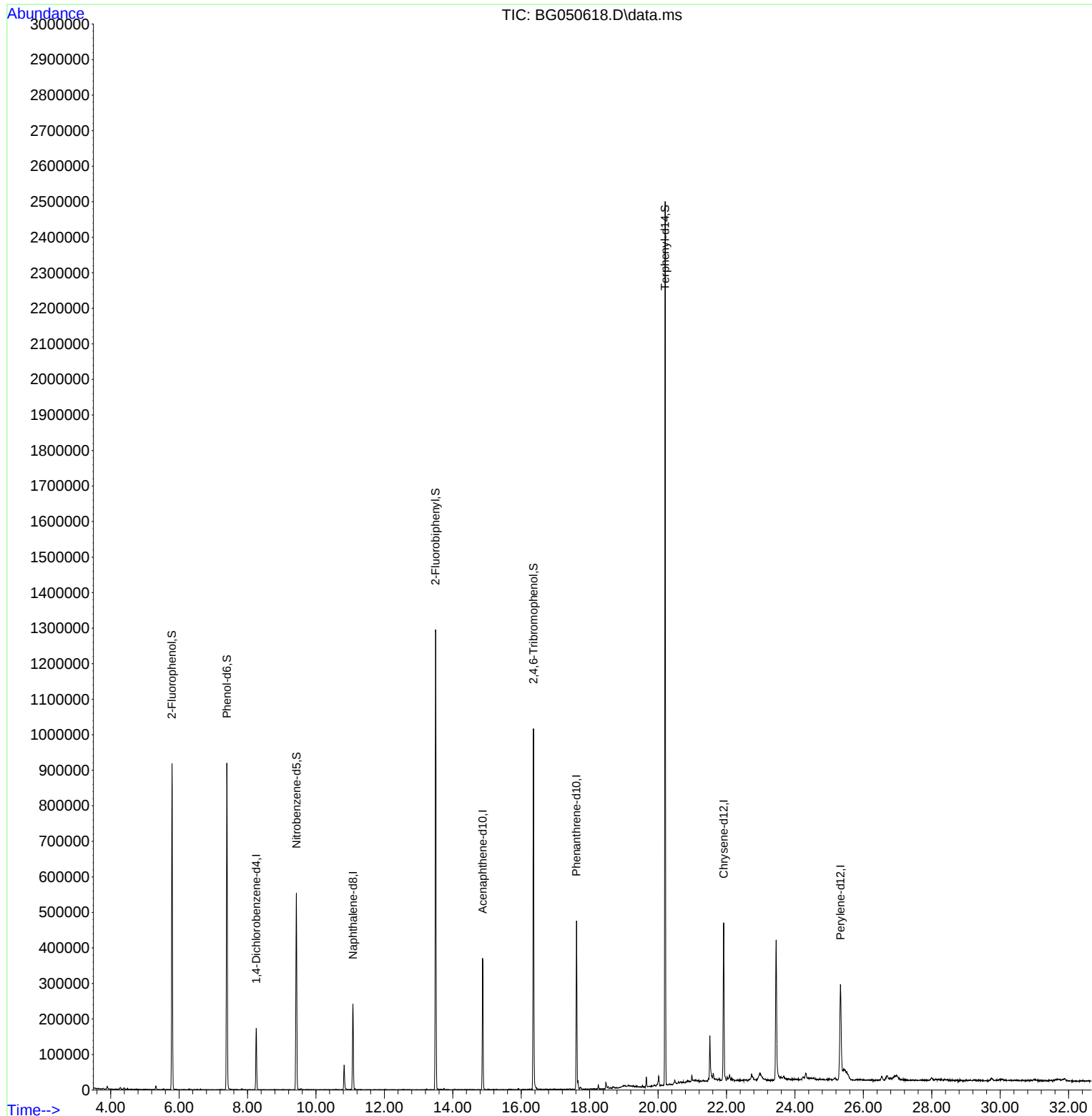
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

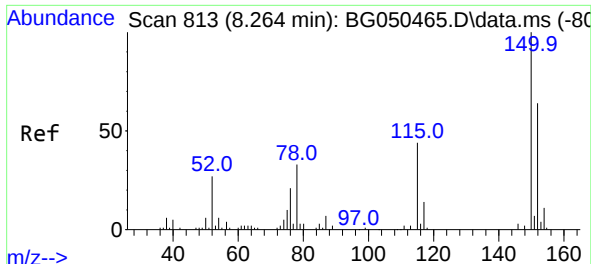
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :  
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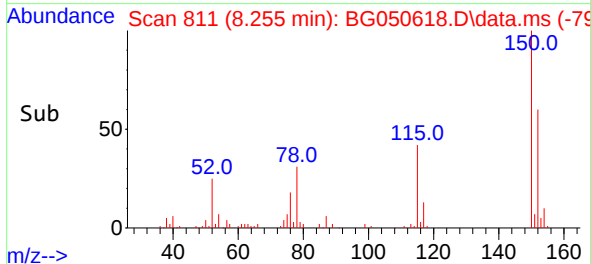
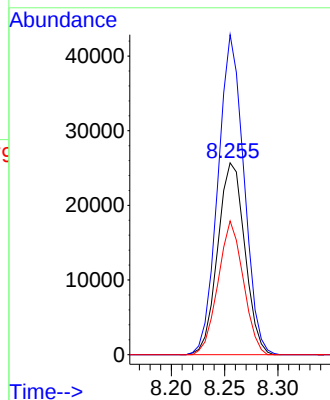
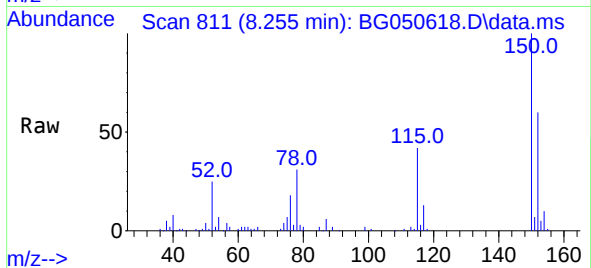




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 8.255 min Scan# 811  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

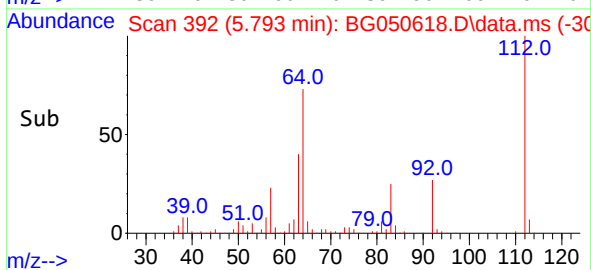
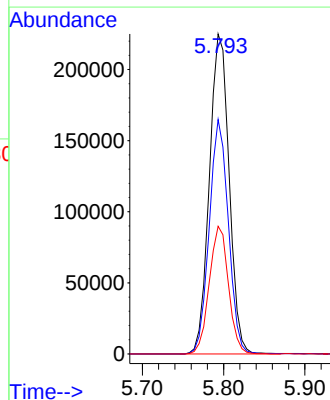
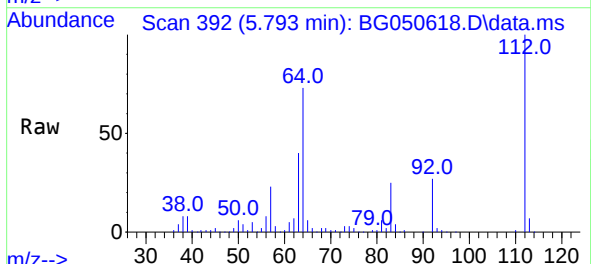
Instrument :  
BNA\_G  
ClientSampleId :  
TP1-(D)

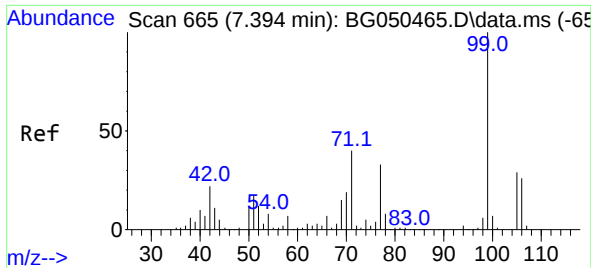
Tgt Ion:152 Resp: 45378  
Ion Ratio Lower Upper  
152 100  
150 166.8 119.4 179.0  
115 69.7 60.2 90.4



#5  
2-Fluorophenol  
Concen: 125.03 ng  
RT: 5.793 min Scan# 392  
Delta R.T. 0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion:112 Resp: 379359  
Ion Ratio Lower Upper  
112 100  
64 73.2 46.7 70.1#  
63 39.9 35.3 52.9

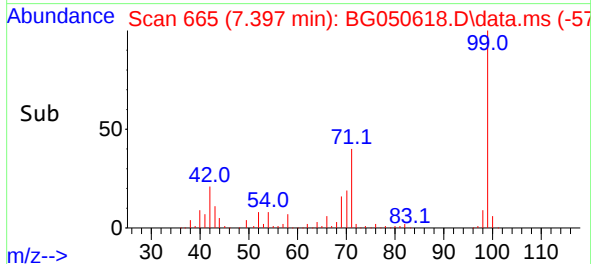
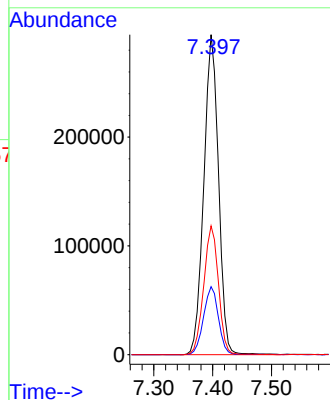
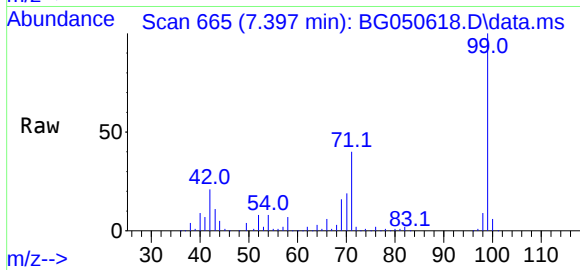




#7  
Phenol-d6  
Concen: 116.24 ng  
RT: 7.397 min Scan# 665  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

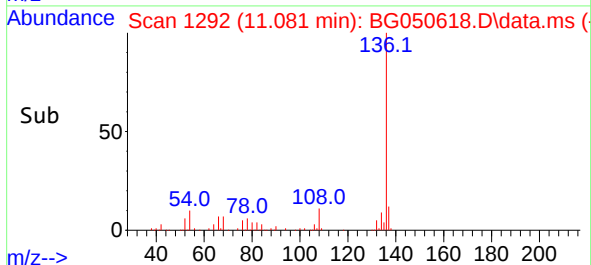
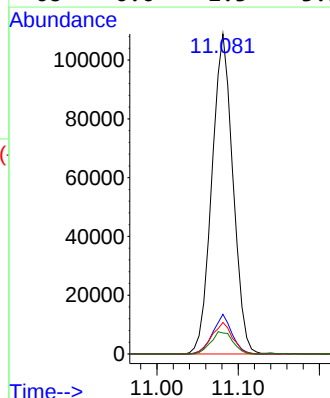
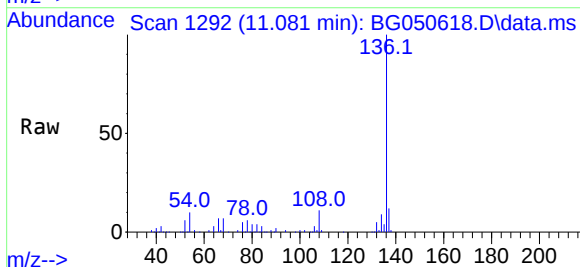
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BNA\_G  
ClientSampleId :  
TP1-(D)

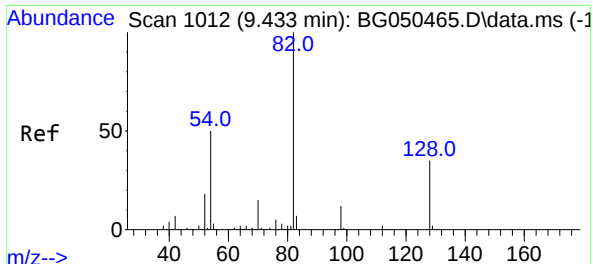
Tgt Ion: 99 Resp: 510635  
Ion Ratio Lower Upper  
99 100  
42 21.3 20.5 30.7  
71 40.2 41.5 62.3#



#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 11.081 min Scan# 1292  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion: 136 Resp: 195828  
Ion Ratio Lower Upper  
136 100  
137 12.4 8.2 12.2#  
54 9.8 5.5 8.3#  
68 6.6 2.3 3.5#

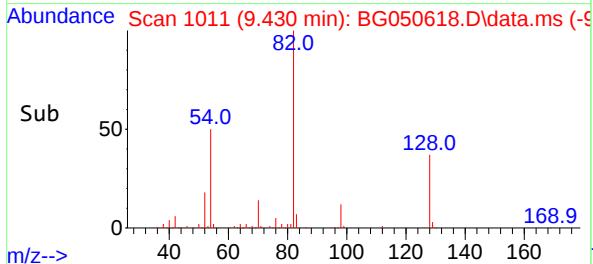
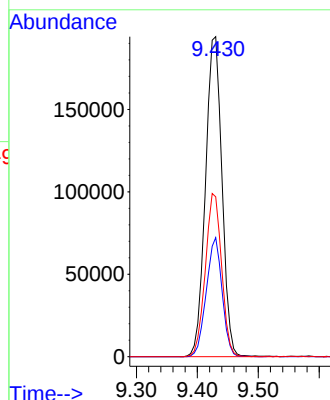
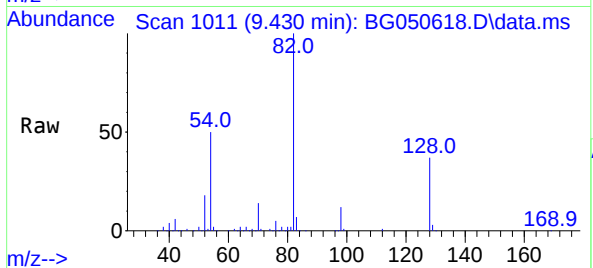




#23  
Nitrobenzene-d5  
Concen: 77.13 ng  
RT: 9.430 min Scan# 1011  
Delta R.T. 0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

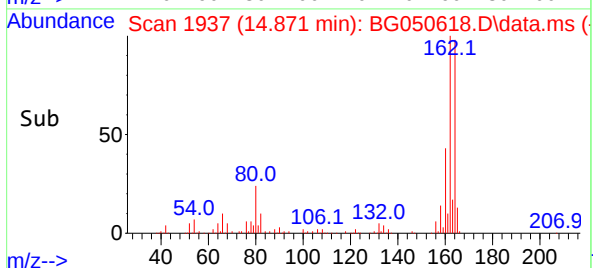
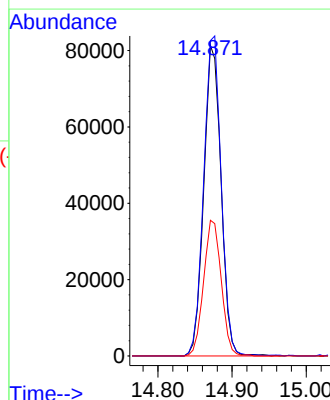
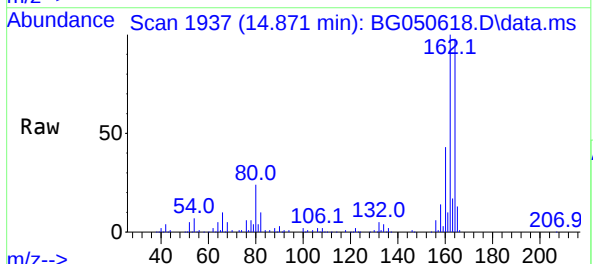
Instrument :  
BNA\_G  
ClientSampleId :  
TP1-(D)

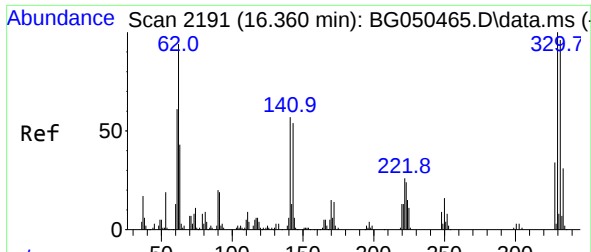
Tgt Ion: 82 Resp: 364883  
Ion Ratio Lower Upper  
82 100  
128 37.2 29.8 44.6  
54 50.0 45.8 68.8



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.871 min Scan# 1937  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion:164 Resp: 131515  
Ion Ratio Lower Upper  
164 100  
162 101.6 81.4 122.0  
160 43.7 34.9 52.3

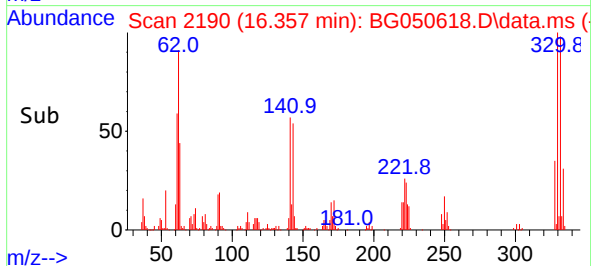
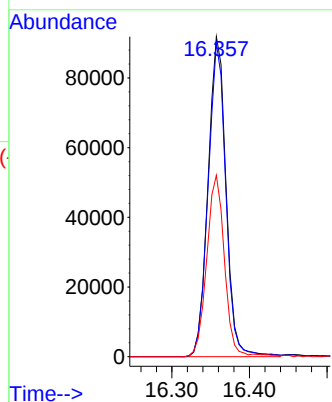
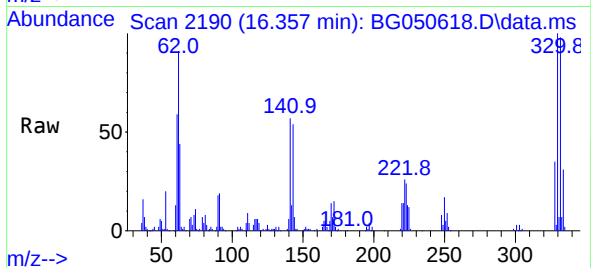




#42  
2,4,6-Tribromophenol  
Concen: 118.31 ng  
RT: 16.357 min Scan# 2190  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

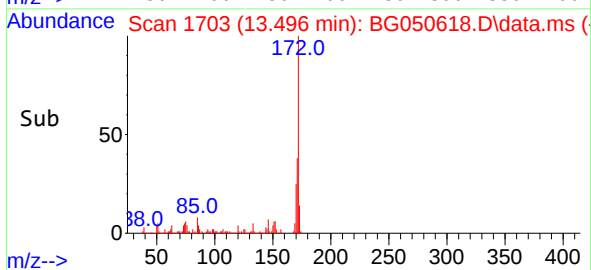
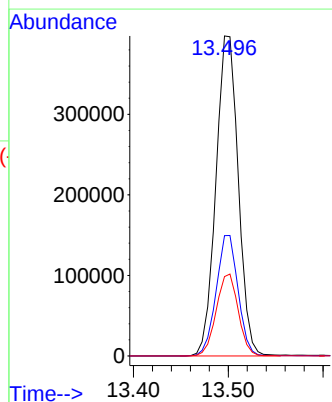
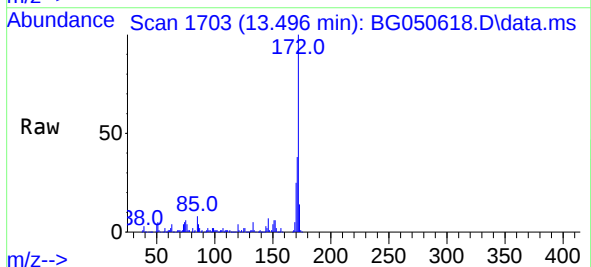
Instrument :  
BNA\_G  
ClientSampleId :  
TP1-(D)

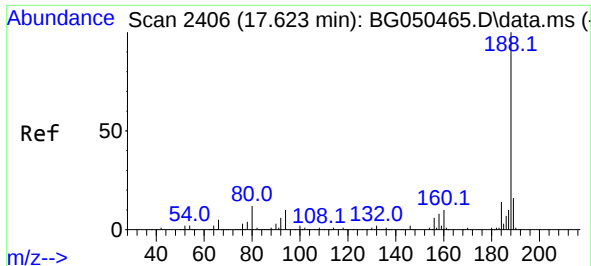
Tgt Ion:330 Resp: 148415  
Ion Ratio Lower Upper  
330 100  
332 95.8 77.3 115.9  
141 56.1 35.6 53.4#



#45  
2-Fluorobiphenyl  
Concen: 74.65 ng  
RT: 13.496 min Scan# 1703  
Delta R.T. -0.009 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion:172 Resp: 652290  
Ion Ratio Lower Upper  
172 100  
171 37.6 28.6 43.0  
170 24.8 18.6 27.8

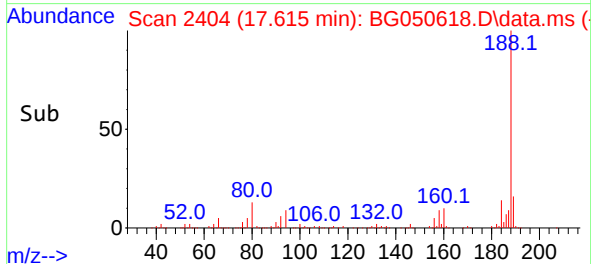
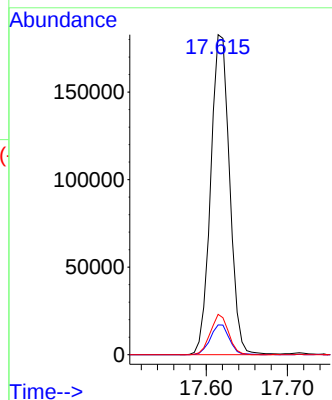
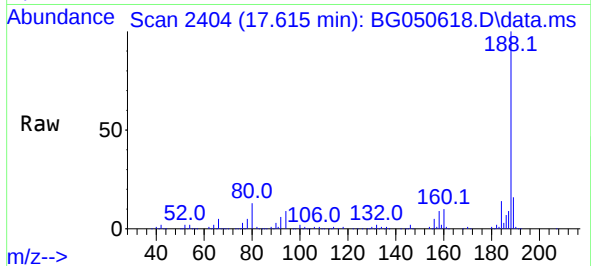




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.615 min Scan# 2404  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

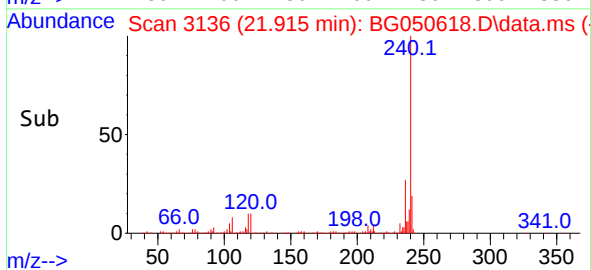
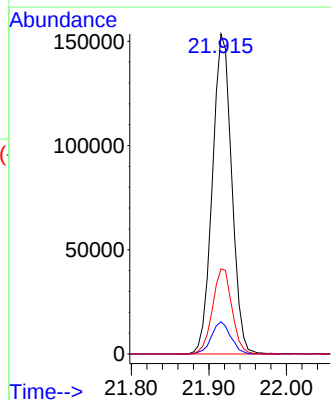
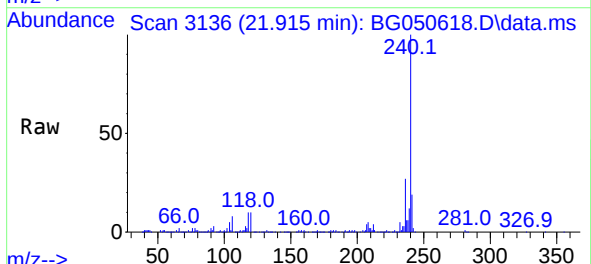
Instrument :  
BNA\_G  
ClientSampleId :  
TP1-(D)

Tgt Ion:188 Resp: 295789  
Ion Ratio Lower Upper  
188 100  
94 9.3 5.4 8.0#  
80 12.6 3.7 5.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.915 min Scan# 3136  
Delta R.T. -0.009 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion:240 Resp: 266071  
Ion Ratio Lower Upper  
240 100  
120 10.1 4.2 6.2#  
236 26.6 21.8 32.6

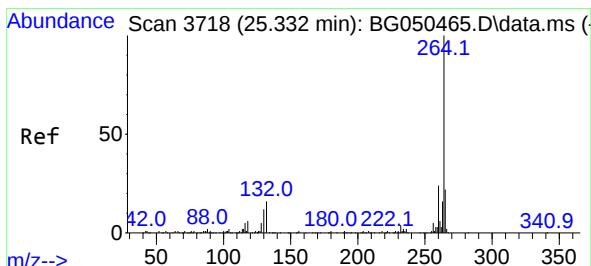
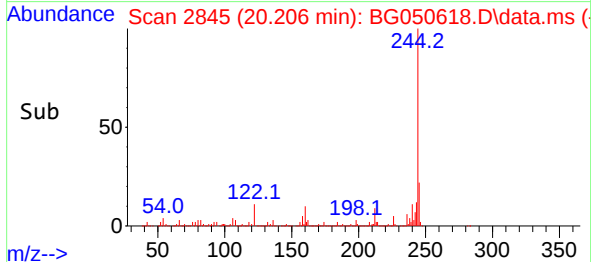
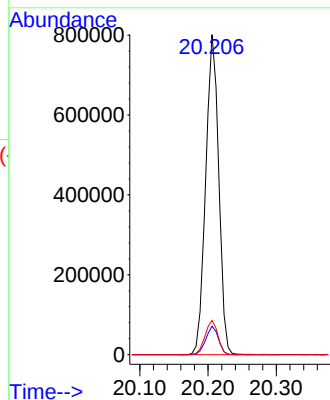
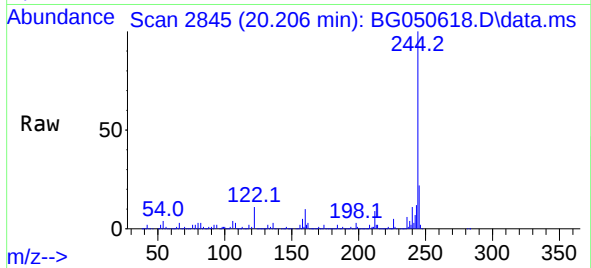




#79  
Terphenyl-d14  
Concen: 78.10 ng  
RT: 20.206 min Scan# 2845  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Instrument :  
BNA\_G  
ClientSampleId :  
TP1-(D)

Tgt Ion:244 Resp: 1066313  
Ion Ratio Lower Upper  
244 100  
212 8.9 6.9 10.3  
122 10.7 5.0 7.6#



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 25.329 min Scan# 3717  
Delta R.T. -0.003 min  
Lab File: BG050618.D  
Acq: 18 Oct 2021 15:26

Tgt Ion:264 Resp: 257579  
Ion Ratio Lower Upper  
264 100  
260 24.6 19.4 29.2  
265 22.1 16.9 25.3

