

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112822\  
 Data File : BG055818.D  
 Acq On : 28 Nov 2022 23:58  
 Operator : CG/JU  
 Sample : N5752-12 5X  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-12D

Quant Time: Nov 29 02:17:00 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 29 02:02:15 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.229  | 152  | 57592    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.061 | 136  | 232467   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.856 | 164  | 147030   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.600 | 188  | 291777   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.901 | 240  | 272972   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.332 | 264  | 271135   | 20.000 | ng    | 0.04     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.767  | 112  | 52558    | 16.495 | ng    | 0.00     |
| 7) Phenol-d6                | 7.383  | 99   | 68630    | 16.181 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.404  | 82   | 39202    | 8.913  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.343 | 330  | 31636    | 15.280 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.475 | 172  | 112610   | 11.474 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.185 | 244  | 155548   | 11.397 | ng    | 0.00     |

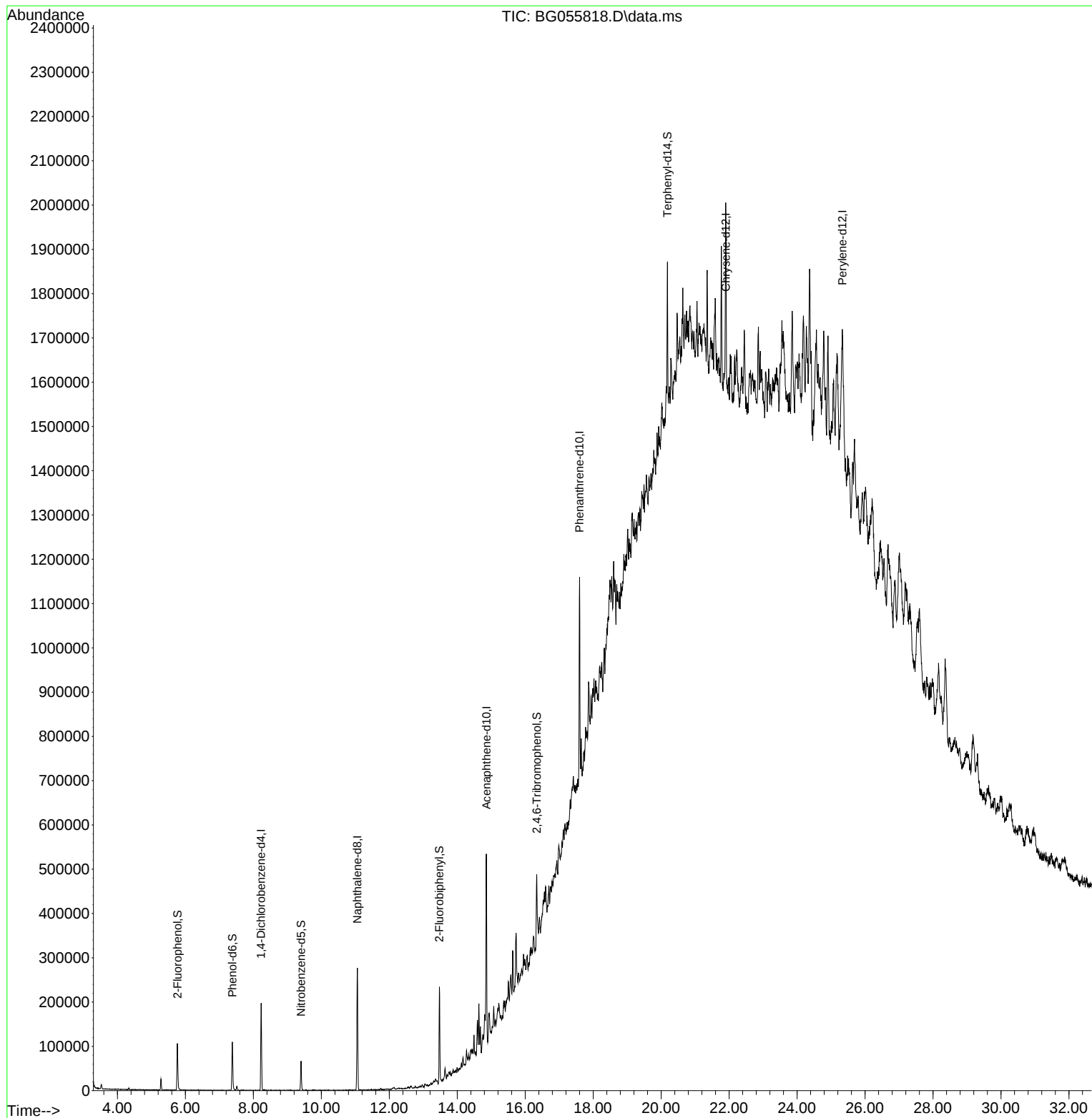
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

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

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Sample : N5752-12 5X  
Misc :  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B-12D

Quant Time: Nov 29 02:17:00 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG11622.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Nov 29 02:02:15 2022  
Response via : Initial Calibration

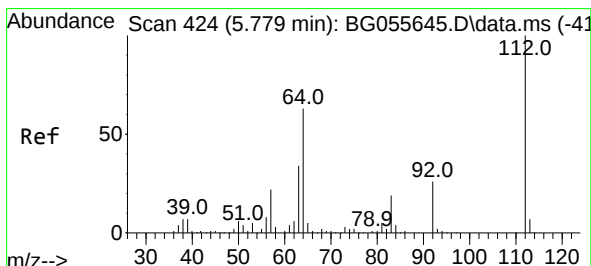
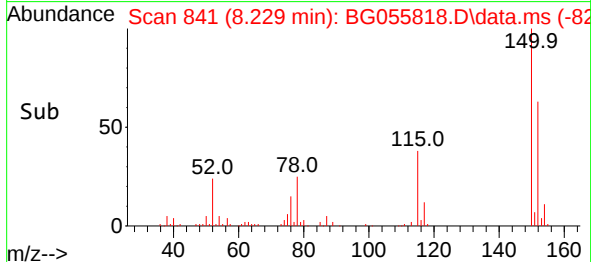
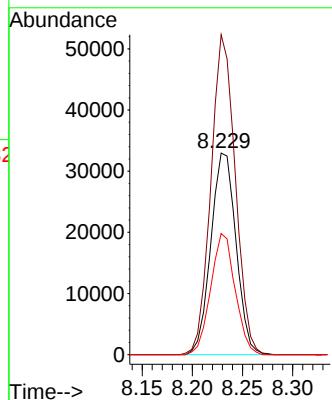
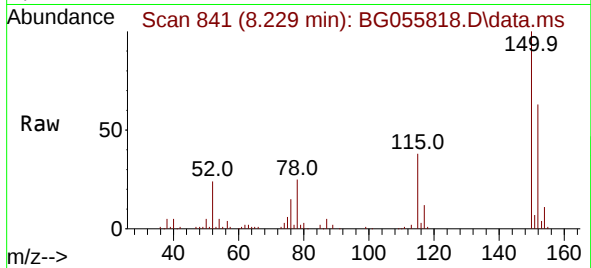




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.229 min Scan# 845  
Delta R.T. -0.002 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

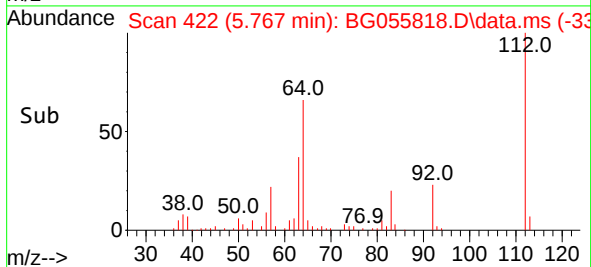
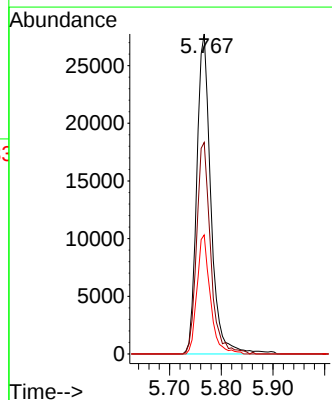
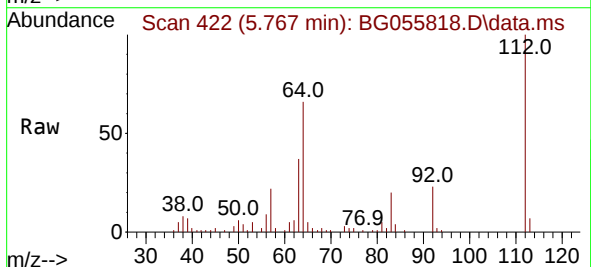
Instrument :  
BNA\_G  
ClientSampleId :  
B-12D

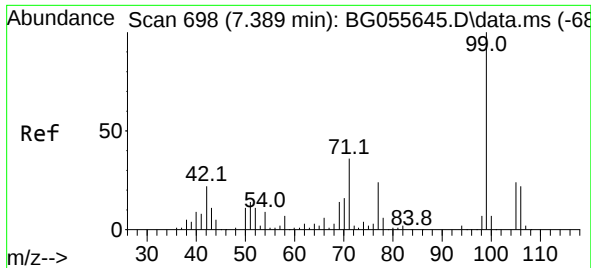
Tgt Ion:152 Resp: 57592  
Ion Ratio Lower Upper  
152 100  
150 158.7 123.0 184.6  
115 60.0 47.0 70.4



#5  
2-Fluorophenol  
Concen: 16.495 ng  
RT: 5.767 min Scan# 422  
Delta R.T. 0.009 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

Tgt Ion:112 Resp: 52558  
Ion Ratio Lower Upper  
112 100  
64 66.1 50.6 76.0  
63 37.2 27.5 41.3

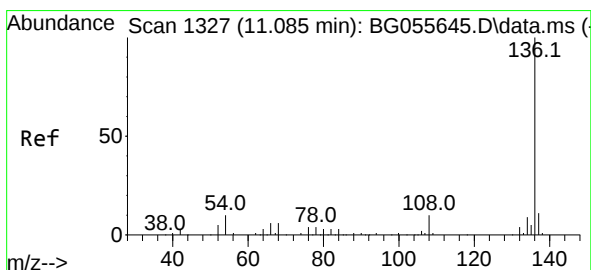
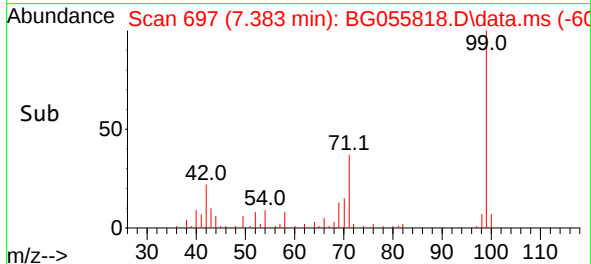
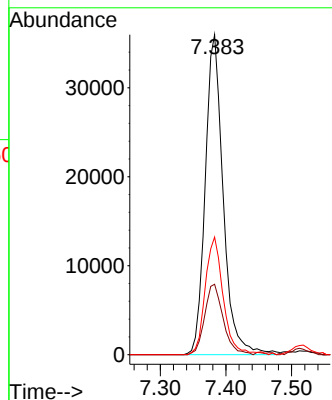
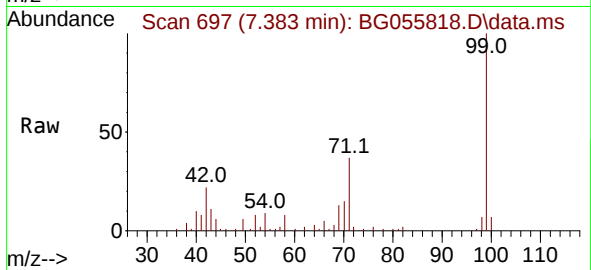




#7  
Phenol-d6  
Concen: 16.181 ng  
RT: 7.383 min Scan# 61  
Delta R.T. 0.003 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

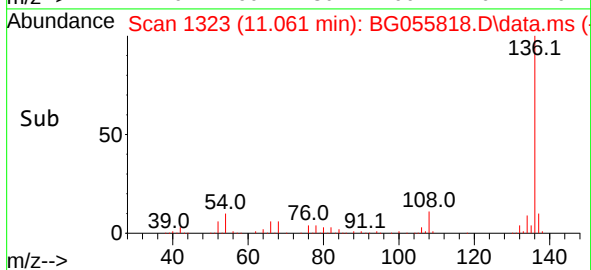
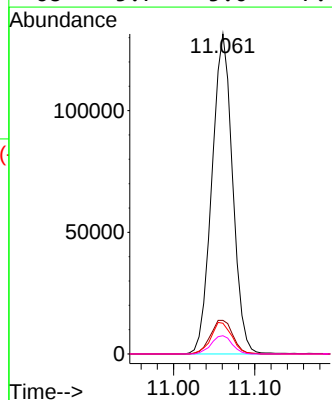
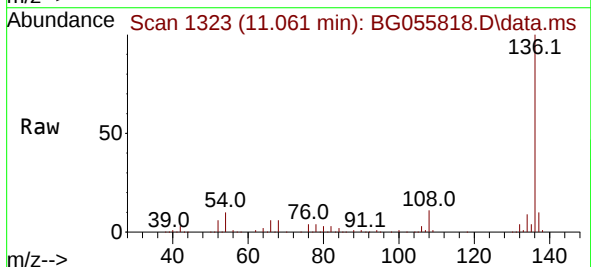
Instrument :  
BNA\_G  
ClientSampleId :  
B-12D

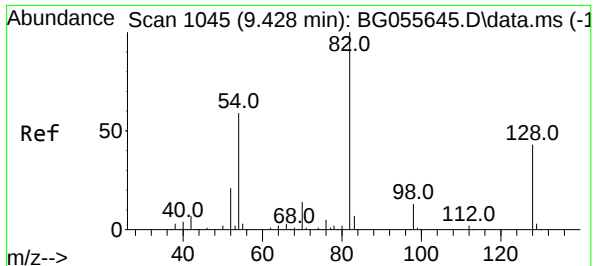
Tgt Ion: 99 Resp: 68630  
Ion Ratio Lower Upper  
99 100  
42 22.0 18.0 27.0  
71 36.7 29.0 43.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.061 min Scan# 1323  
Delta R.T. -0.002 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

Tgt Ion: 136 Resp: 232467  
Ion Ratio Lower Upper  
136 100  
137 10.5 9.0 13.6  
54 9.6 7.8 11.6  
68 5.7 5.0 7.4





#23

Nitrobenzene-d5

Concen: 8.913 ng

RT: 9.404 min Scan# 1045

Delta R.T. -0.002 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

Instrument :

BNA\_G

ClientSampleId :

B-12D

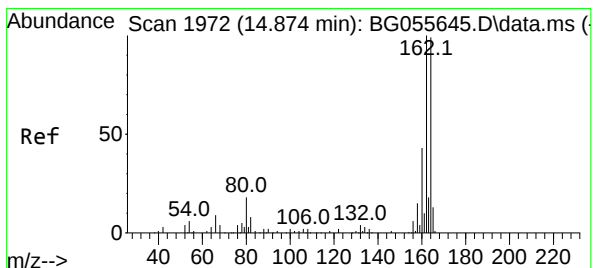
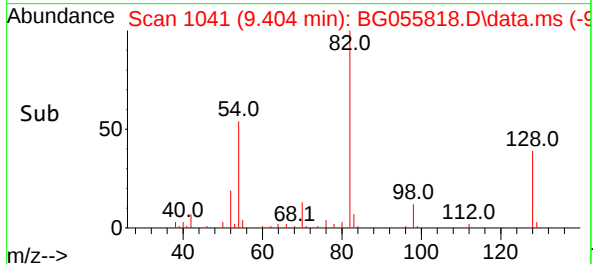
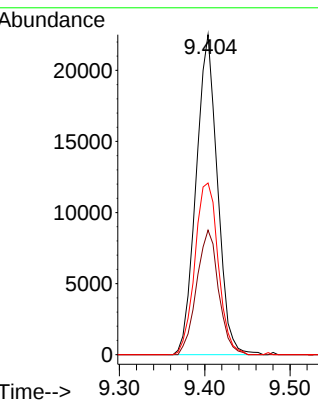
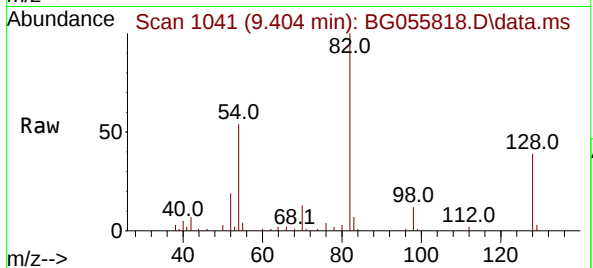
Tgt Ion: 82 Resp: 39202

Ion Ratio Lower Upper

82 100

128 38.9 34.1 51.1

54 53.6 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.002 min

Lab File: BG055818.D

Acq: 28 Nov 2022 23:58

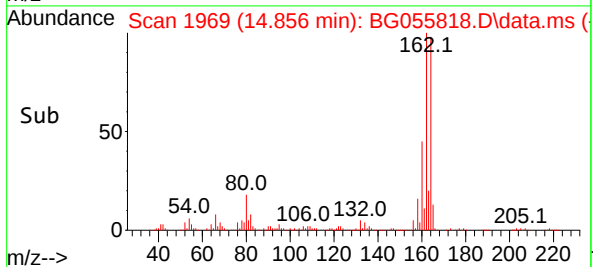
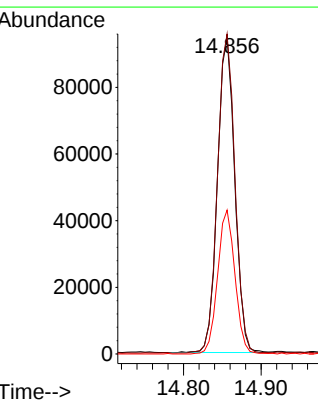
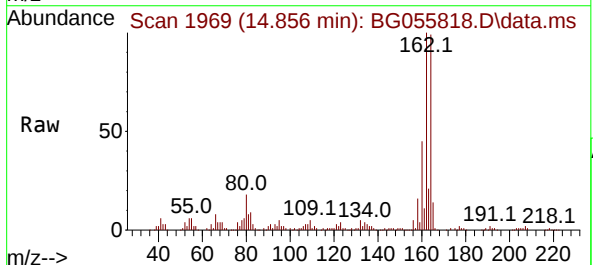
Tgt Ion: 164 Resp: 147030

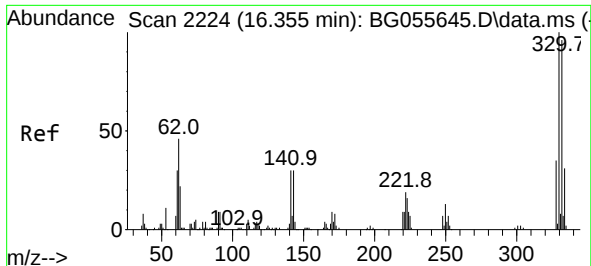
Ion Ratio Lower Upper

164 100

162 101.1 81.1 121.7

160 45.4 34.8 52.2

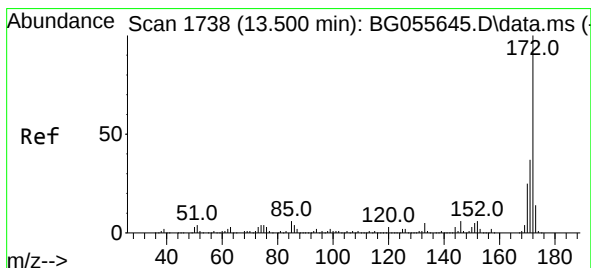
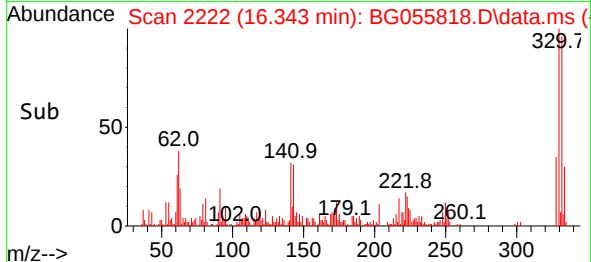
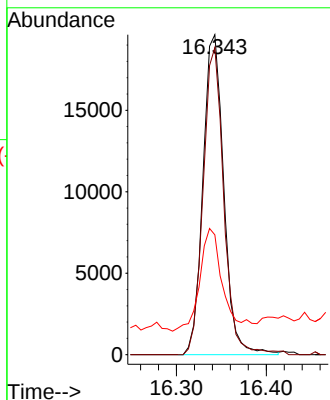
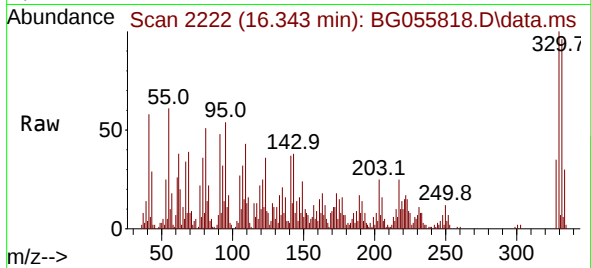




#42  
2,4,6-Tribromophenol  
Concen: 15.280 ng  
RT: 16.343 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

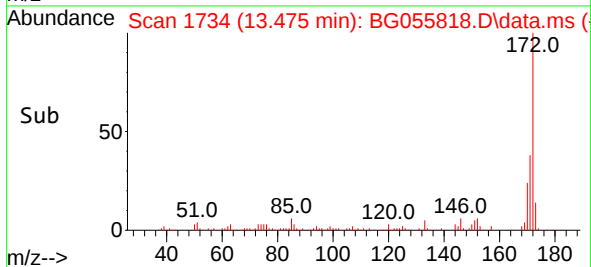
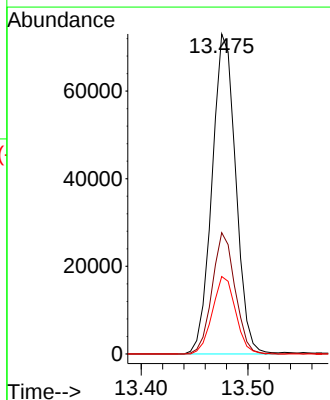
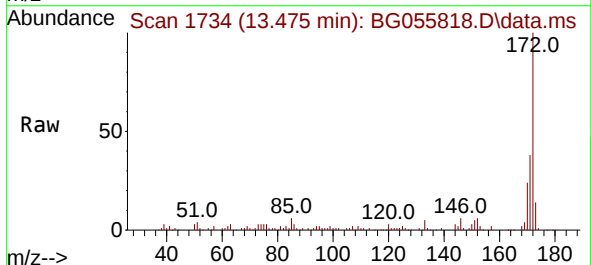
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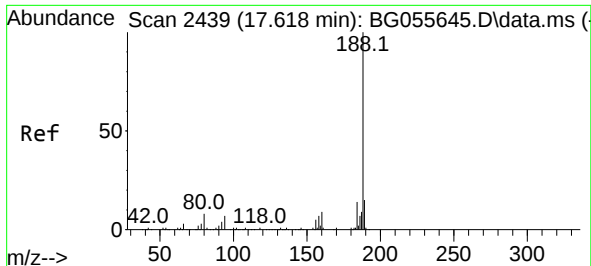
Tgt Ion:330 Resp: 31636  
Ion Ratio Lower Upper  
330 100  
332 95.0 77.8 116.8  
141 35.7 23.9 35.9



#45  
2-Fluorobiphenyl  
Concen: 11.474 ng  
RT: 13.475 min Scan# 1734  
Delta R.T. -0.008 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

Tgt Ion:172 Resp: 112610  
Ion Ratio Lower Upper  
172 100  
171 37.9 29.8 44.6  
170 24.2 20.2 30.4

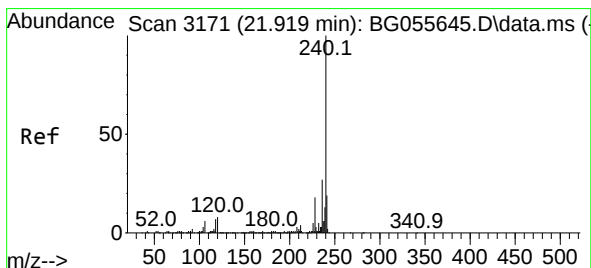
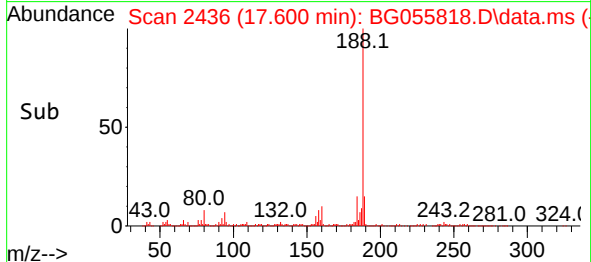
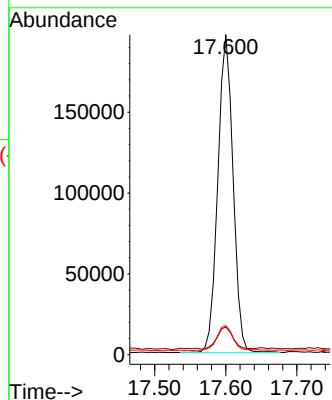
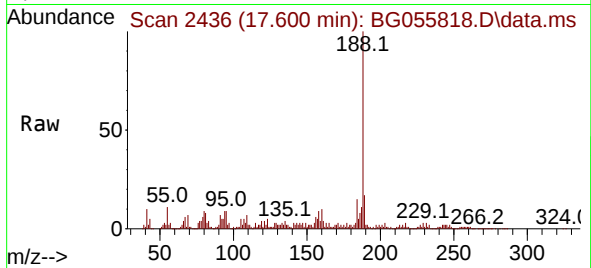




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.600 min Scan# 2439  
Delta R.T. 0.003 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

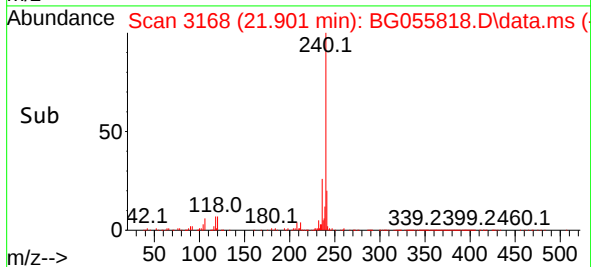
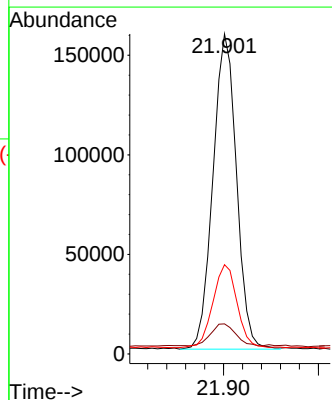
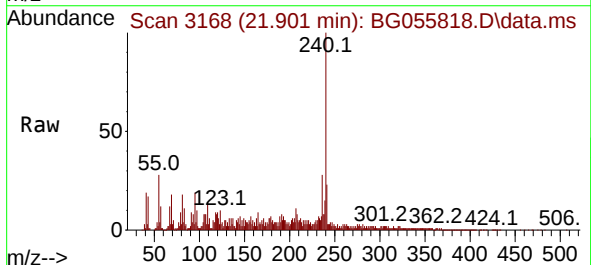
Instrument :  
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ClientSampleId :  
B-12D

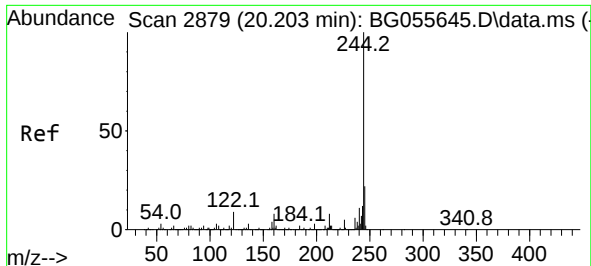
Tgt Ion:188 Resp: 291777  
Ion Ratio Lower Upper  
188 100  
94 8.6 5.4 8.2#  
80 9.1 6.6 10.0



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.901 min Scan# 3168  
Delta R.T. 0.009 min  
Lab File: BG055818.D  
Acq: 28 Nov 2022 23:58

Tgt Ion:240 Resp: 272972  
Ion Ratio Lower Upper  
240 100  
120 9.4 6.3 9.5  
236 27.9 21.9 32.9

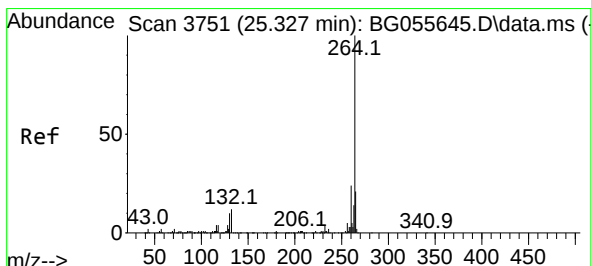
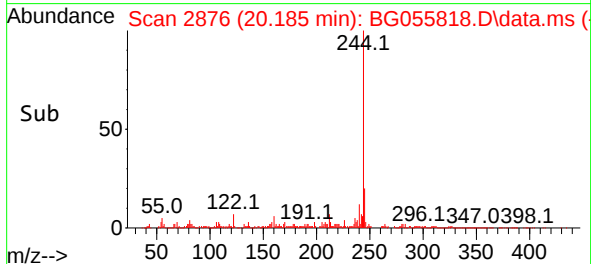
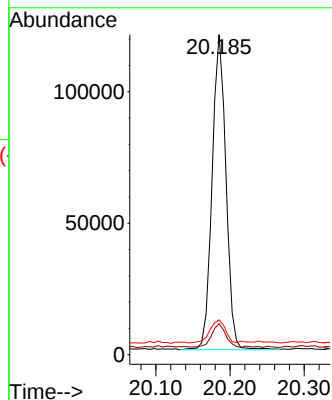
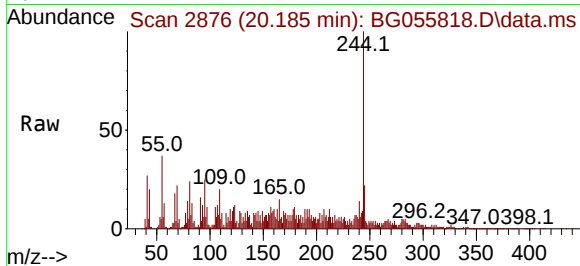




#79  
 Terphenyl-d14  
 Concen: 11.397 ng  
 RT: 20.185 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: BG055818.D  
 Acq: 28 Nov 2022 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-12D

Tgt Ion:244 Resp: 155548  
 Ion Ratio Lower Upper  
 244 100  
 212 9.7 6.3 9.5#  
 122 10.9 6.9 10.3#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.332 min Scan# 3752  
 Delta R.T. 0.044 min  
 Lab File: BG055818.D  
 Acq: 28 Nov 2022 23:58

Tgt Ion:264 Resp: 271135  
 Ion Ratio Lower Upper  
 264 100  
 260 28.5 19.5 29.3  
 265 25.2 17.1 25.7

