

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060623\  
 Data File : BG057640.D  
 Acq On : 6 Jun 2023 16:46  
 Operator : CG/JU  
 Sample : 03016-06  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-45(OW)

Quant Time: Jun 06 17:41:31 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG052723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 01 03:51:58 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.340  | 152  | 25219    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.177 | 136  | 108124   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.954 | 164  | 81978    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.697 | 188  | 197167   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.003 | 240  | 165539   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.493 | 264  | 178376   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.861  | 112  | 111132   | 76.557  | ng    | 0.00     |
| 7) Phenol-d6                | 7.488  | 99   | 113772   | 50.081  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.520  | 82   | 204921   | 88.595  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.446 | 330  | 160233   | 122.083 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.580 | 172  | 526097   | 92.228  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.265 | 244  | 817827   | 85.579  | ng    | 0.00     |

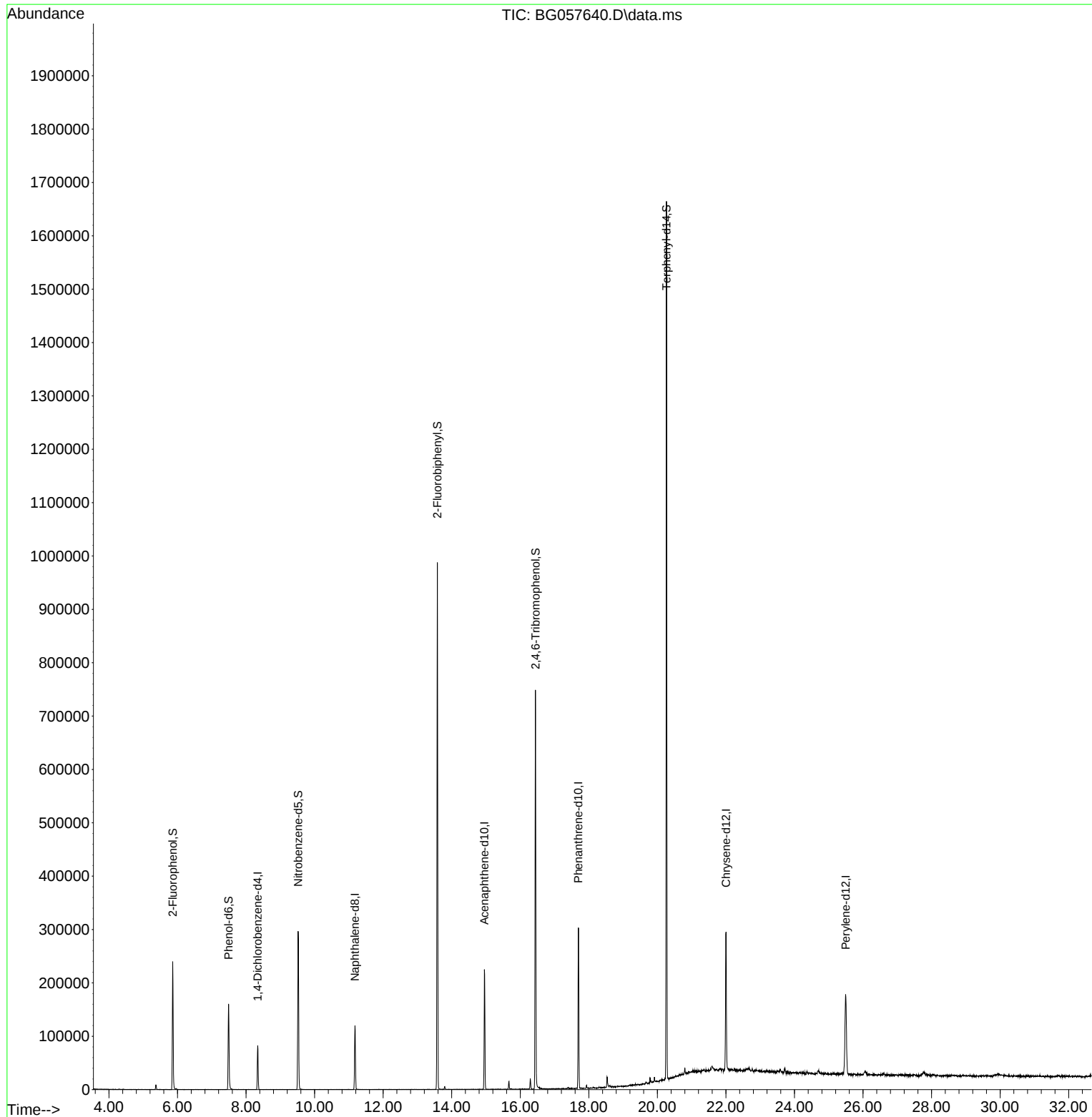
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|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

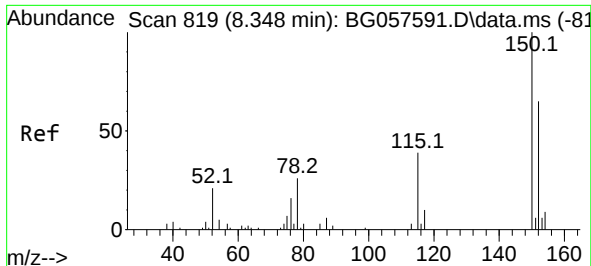
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 01 03:51:58 2023  
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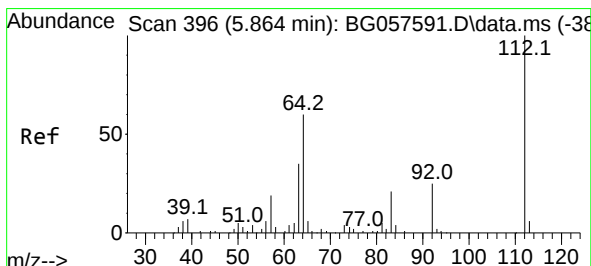
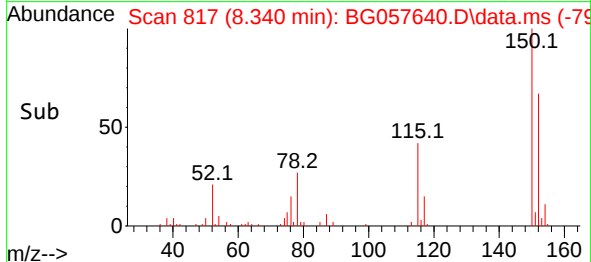
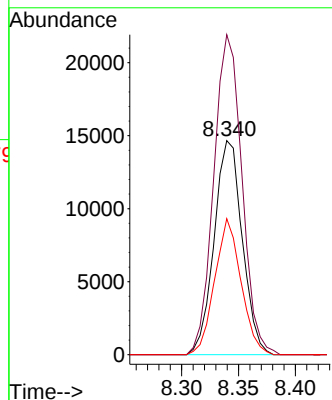
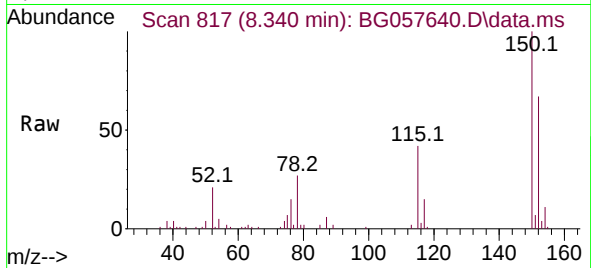




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.340 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

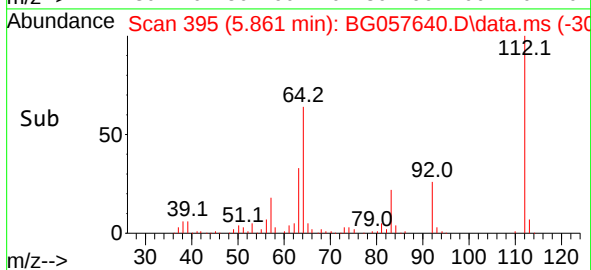
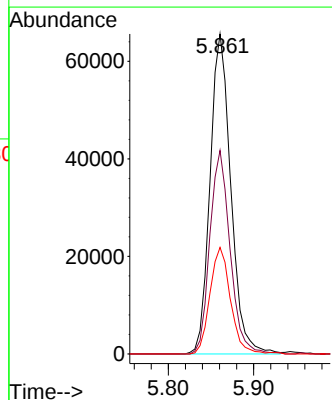
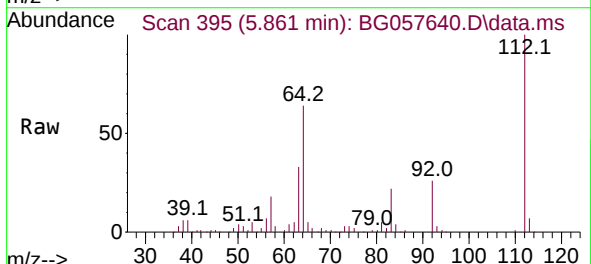
Instrument :  
BNA\_G  
ClientSampleId :  
B-45(OW)

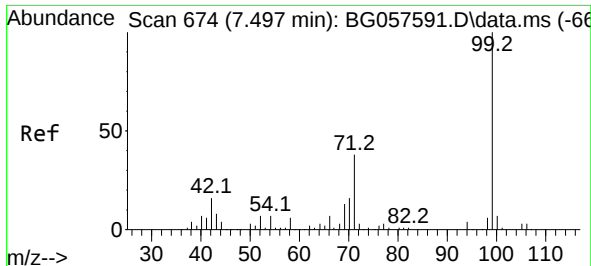
Tgt Ion:152 Resp: 25219  
Ion Ratio Lower Upper  
152 100  
150 149.4 123.0 184.4  
115 63.5 47.4 71.2



#5  
2-Fluorophenol  
Concen: 76.557 ng  
RT: 5.861 min Scan# 395  
Delta R.T. 0.006 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

Tgt Ion:112 Resp: 111132  
Ion Ratio Lower Upper  
112 100  
64 63.6 47.8 71.6  
63 33.3 27.8 41.8

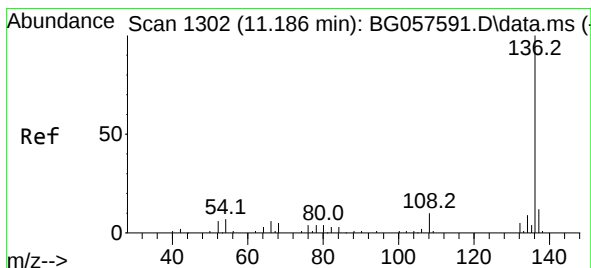
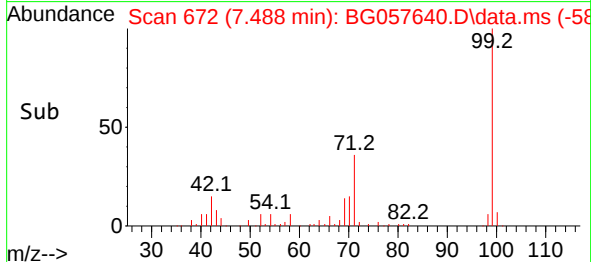
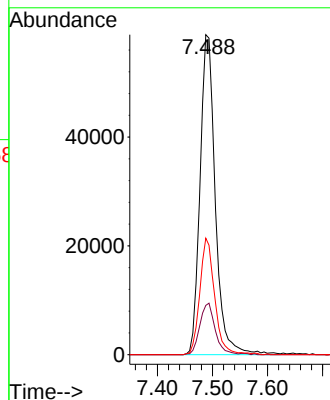
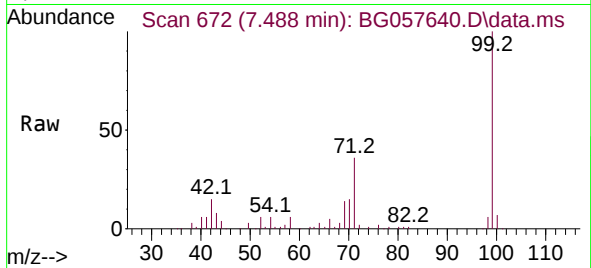




#7  
Phenol-d6  
Concen: 50.081 ng  
RT: 7.488 min Scan# 61  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

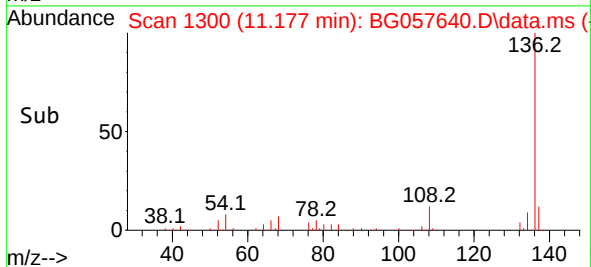
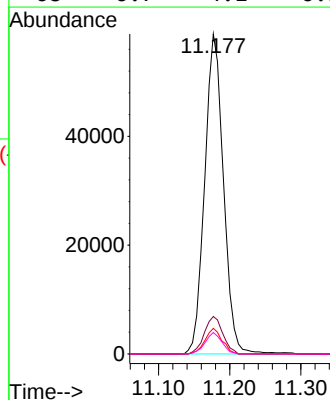
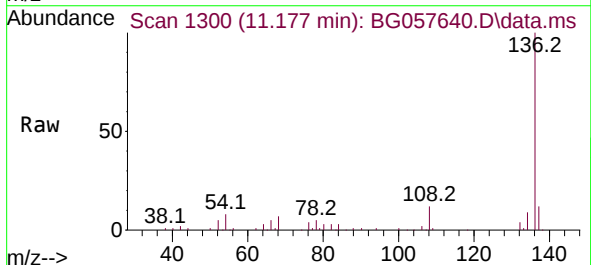
Instrument :  
BNA\_G  
ClientSampleId :  
B-45(OW)

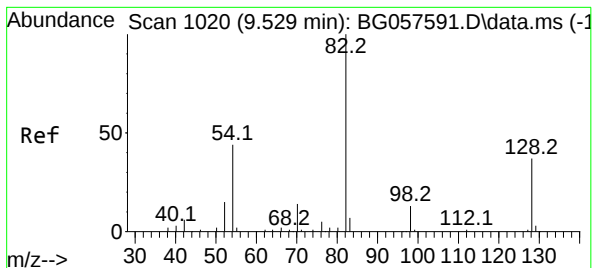
Tgt Ion: 99 Resp: 113772  
Ion Ratio Lower Upper  
99 100  
42 15.4 12.8 19.2  
71 36.4 30.3 45.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.177 min Scan# 1300  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

Tgt Ion:136 Resp: 108124  
Ion Ratio Lower Upper  
136 100  
137 11.7 9.8 14.8  
54 8.0 5.8 8.6  
68 6.7 4.1 6.1#





#23

Nitrobenzene-d5

Concen: 88.595 ng

RT: 9.520 min Scan# 1018

Delta R.T. -0.000 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

Instrument :

BNA\_G

ClientSampleId :

B-45(OW)

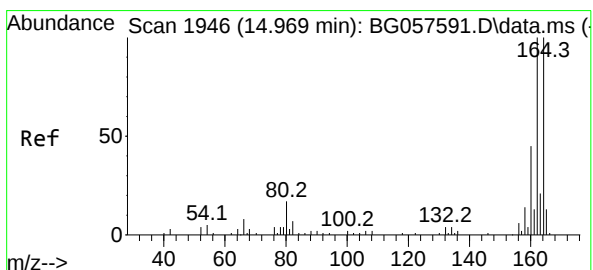
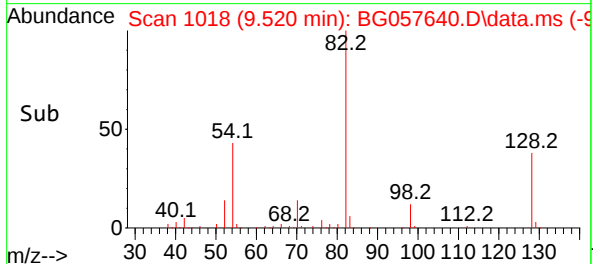
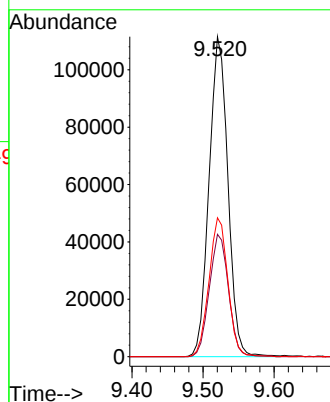
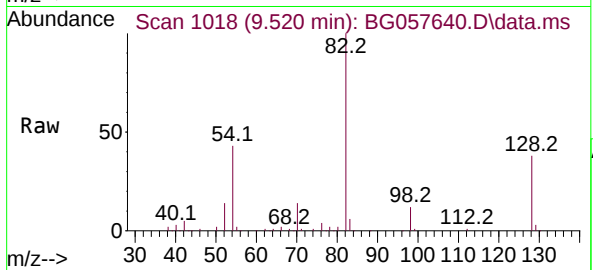
Tgt Ion: 82 Resp: 204921

Ion Ratio Lower Upper

82 100

128 38.2 30.0 45.0

54 43.4 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.954 min Scan# 1943

Delta R.T. -0.006 min

Lab File: BG057640.D

Acq: 6 Jun 2023 16:46

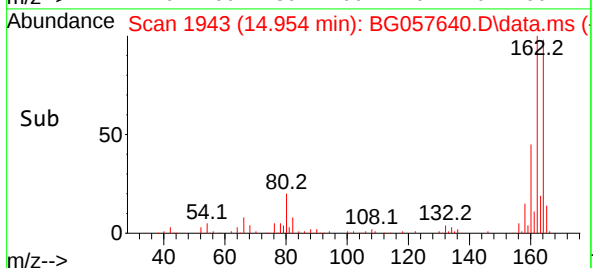
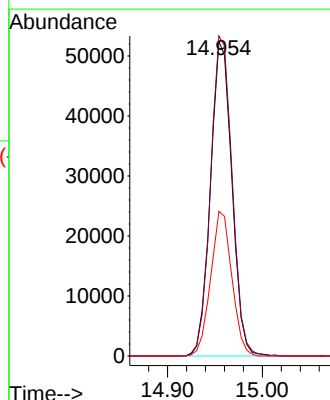
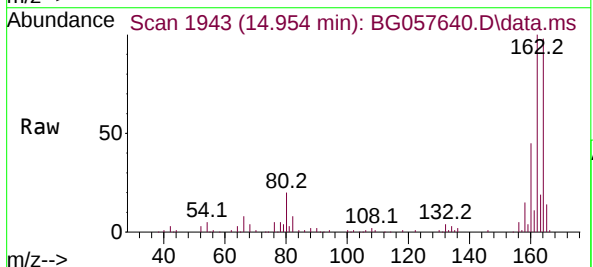
Tgt Ion:164 Resp: 81978

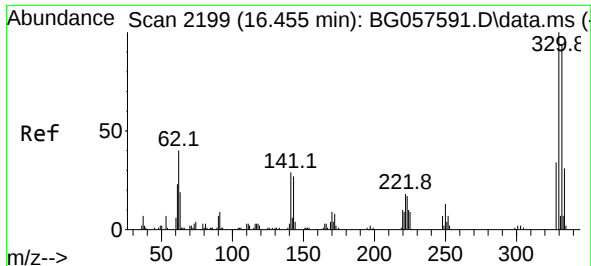
Ion Ratio Lower Upper

164 100

162 101.7 80.1 120.1

160 45.9 35.9 53.9

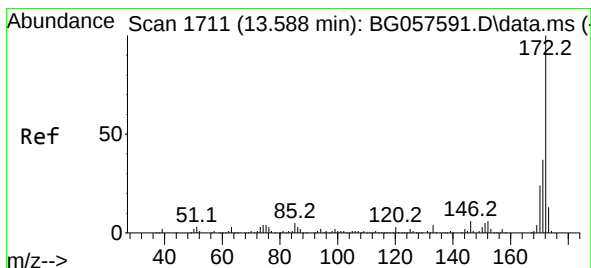
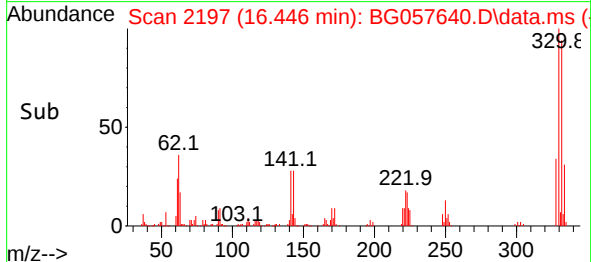
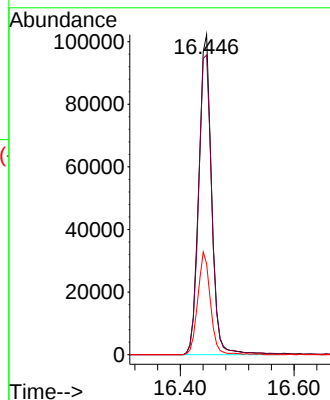
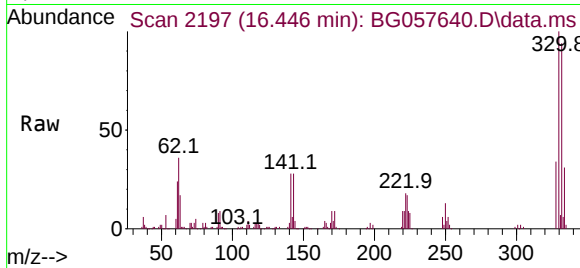




#42  
2,4,6-Tribromophenol  
Concen: 122.083 ng  
RT: 16.446 min Scan# 2199  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

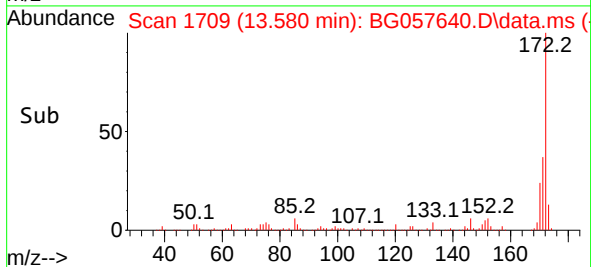
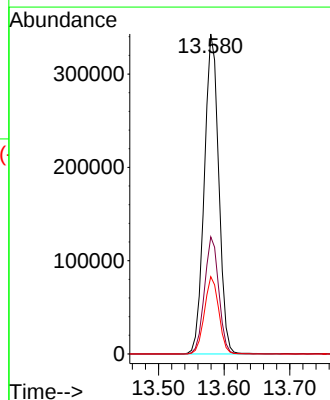
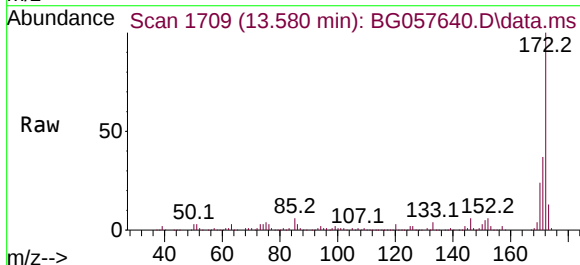
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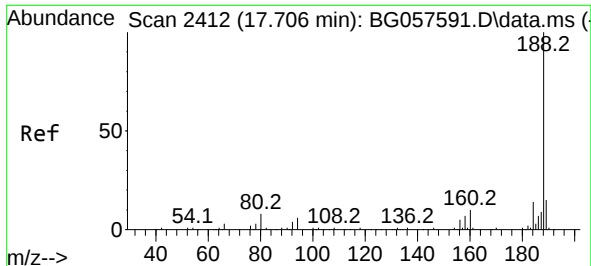
Tgt Ion:330 Resp: 160233  
Ion Ratio Lower Upper  
330 100  
332 97.3 77.3 115.9  
141 31.5 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 92.228 ng  
RT: 13.580 min Scan# 1709  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

Tgt Ion:172 Resp: 526097  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.2 43.8  
170 24.2 19.0 28.4

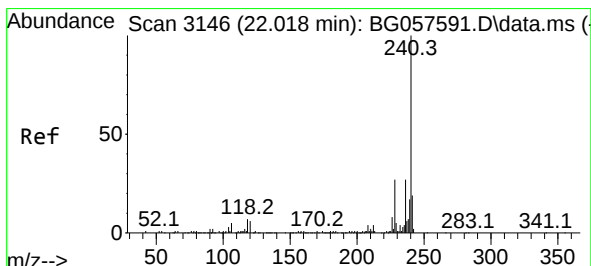
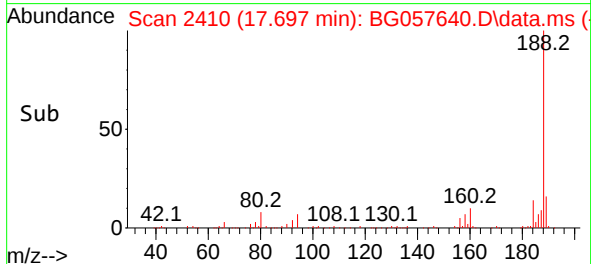
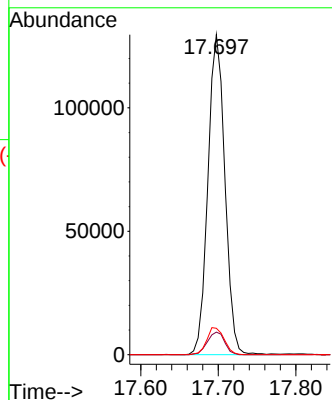
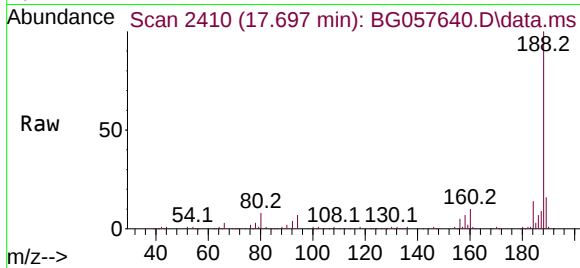




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.697 min Scan# 2410  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

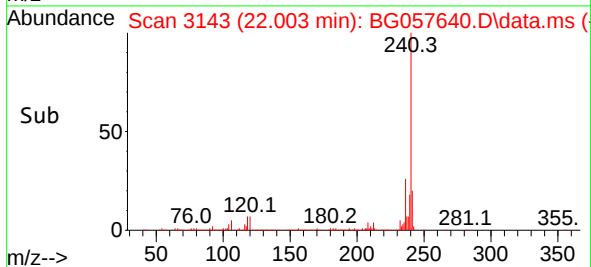
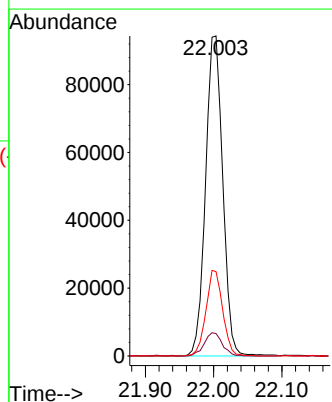
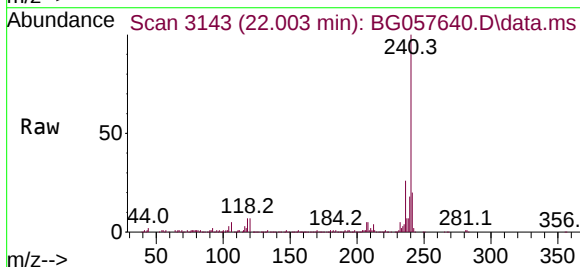
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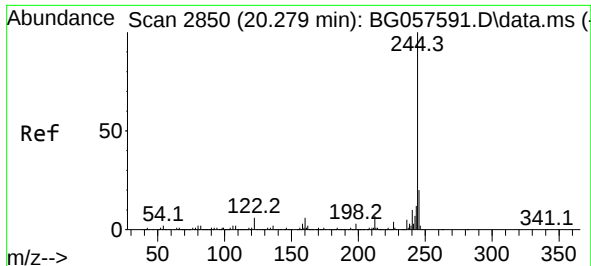
Tgt Ion:188 Resp: 197167  
Ion Ratio Lower Upper  
188 100  
94 7.0 5.2 7.8  
80 8.3 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.003 min Scan# 3143  
Delta R.T. -0.000 min  
Lab File: BG057640.D  
Acq: 6 Jun 2023 16:46

Tgt Ion:240 Resp: 165539  
Ion Ratio Lower Upper  
240 100  
120 7.0 5.2 7.8  
236 26.4 21.4 32.0

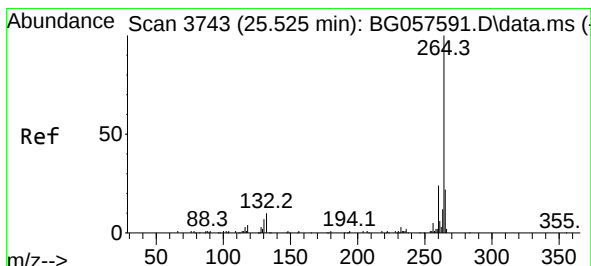
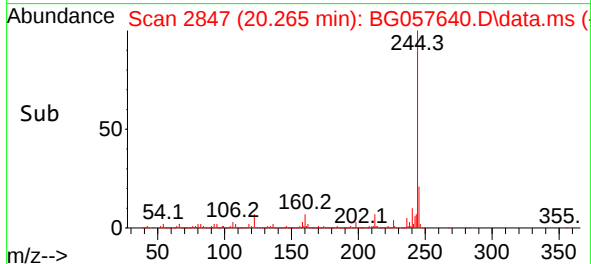
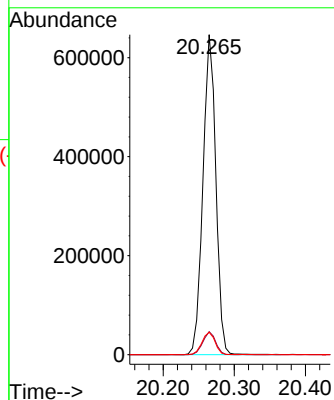
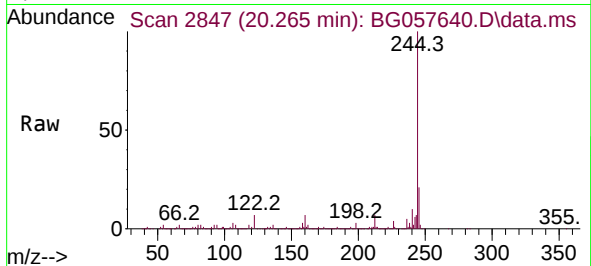




#79  
 Terphenyl-d14  
 Concen: 85.579 ng  
 RT: 20.265 min Scan# 2847  
 Delta R.T. -0.000 min  
 Lab File: BG057640.D  
 Acq: 6 Jun 2023 16:46

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B-45(OW)

Tgt Ion:244 Resp: 817827  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.6 8.4  
 122 7.0 4.8 7.2



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.493 min Scan# 3737  
 Delta R.T. -0.006 min  
 Lab File: BG057640.D  
 Acq: 6 Jun 2023 16:46

Tgt Ion:264 Resp: 178376  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.1 28.7  
 265 21.8 17.7 26.5

