

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082223\  
 Data File : BG058806.D  
 Acq On : 22 Aug 2023 12:59  
 Operator : MA/JU  
 Sample : 04091-10  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-E

Quant Time: Aug 22 13:34:41 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG081823.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 21 01:40:57 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.807  | 152  | 23341    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.609 | 136  | 93775    | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.458 | 164  | 65987    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.201 | 188  | 172826   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.444 | 240  | 178464   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 24.516 | 264  | 215126   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.380  | 112  | 103032   | 71.036 | ng    | 0.00     |
| 7) Phenol-d6                | 6.978  | 99   | 135047   | 66.363 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.970  | 82   | 80770    | 41.410 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 15.950 | 330  | 67166    | 64.916 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.071 | 172  | 183827   | 40.518 | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.822 | 244  | 406921   | 40.942 | ng    | 0.00     |

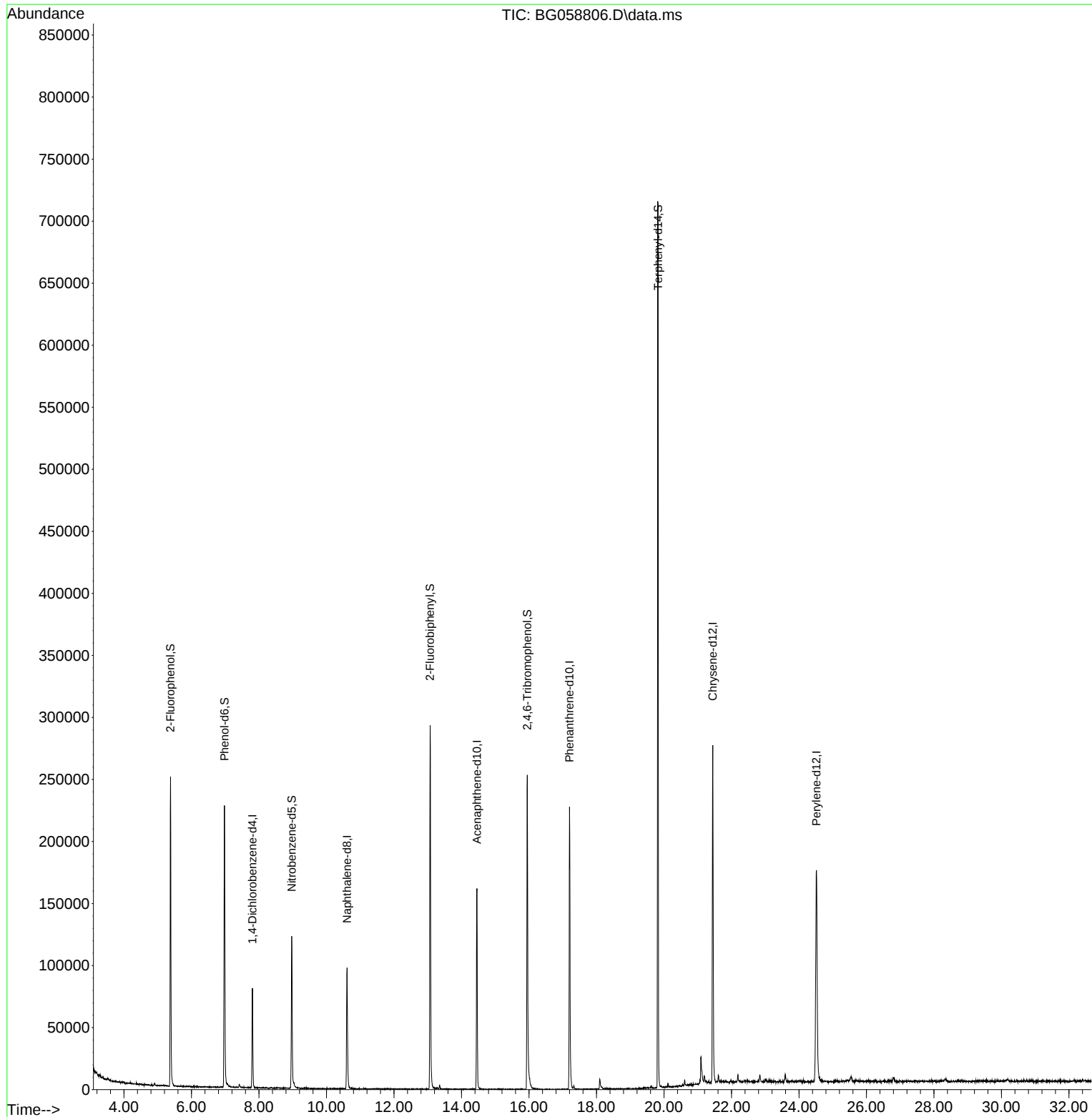
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

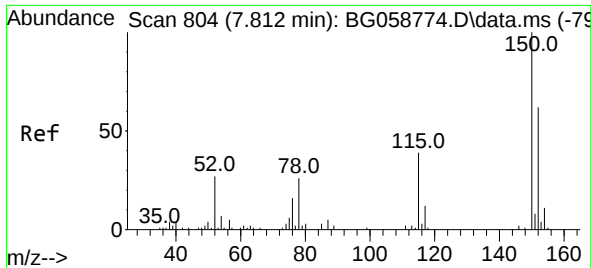
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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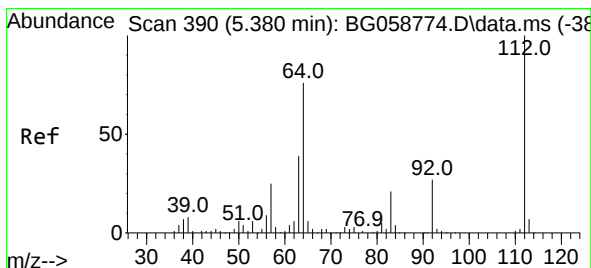
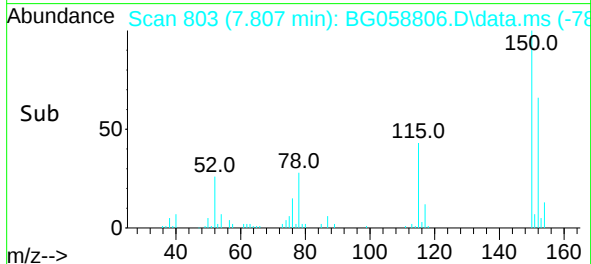
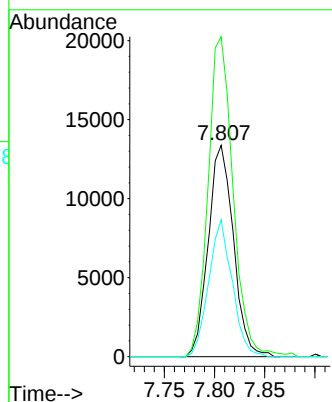
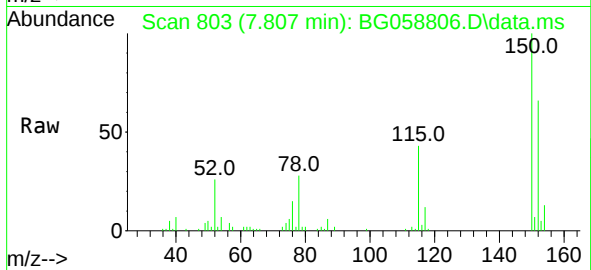




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.807 min Scan# 804  
Delta R.T. -0.005 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

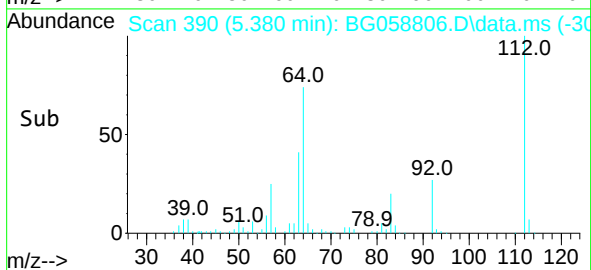
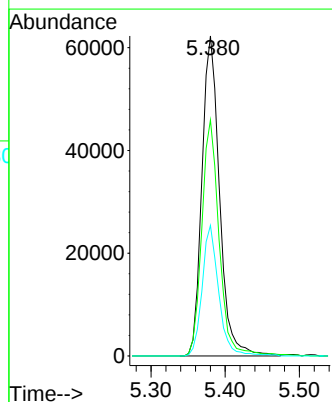
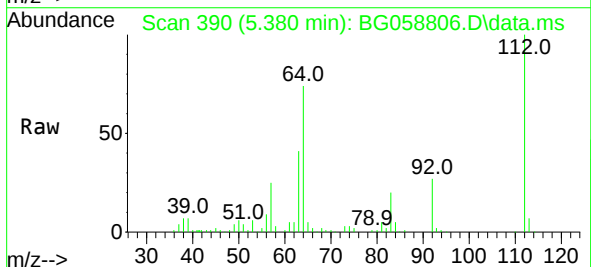
Instrument :  
BNA\_G  
ClientSampleId :  
TP-E

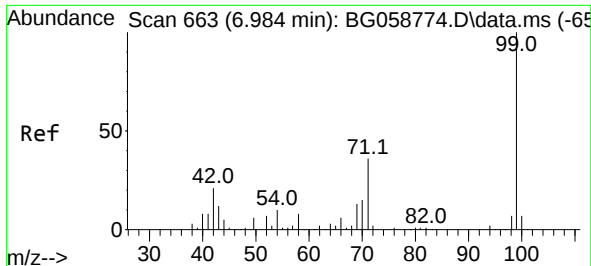
Tgt Ion:152 Resp: 23341  
Ion Ratio Lower Upper  
152 100  
150 151.4 128.6 192.8  
115 64.7 50.4 75.6



#5  
2-Fluorophenol  
Concen: 71.036 ng  
RT: 5.380 min Scan# 390  
Delta R.T. 0.000 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

Tgt Ion:112 Resp: 103032  
Ion Ratio Lower Upper  
112 100  
64 73.8 60.6 90.8  
63 40.8 31.0 46.4

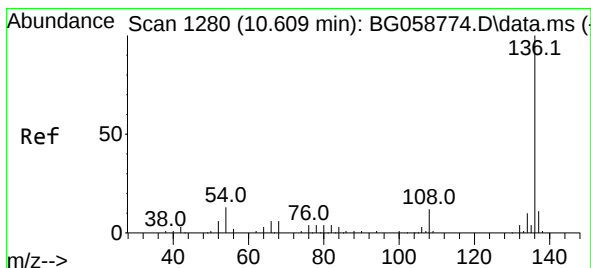
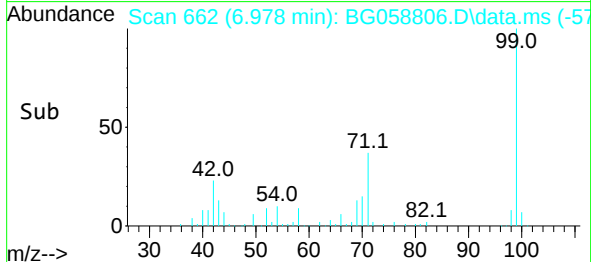
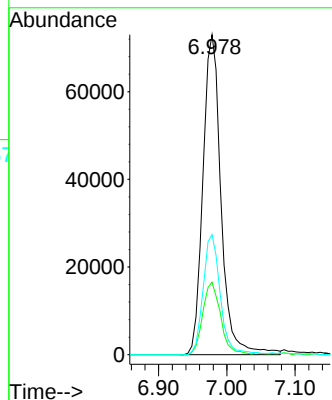
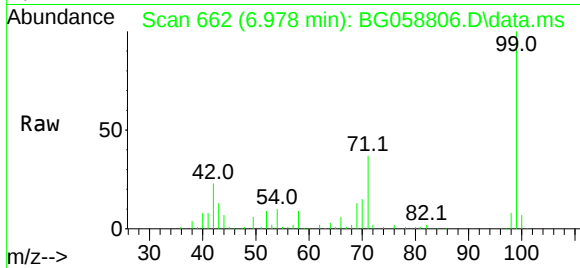




#7  
Phenol-d6  
Concen: 66.363 ng  
RT: 6.978 min Scan# 60  
Delta R.T. -0.006 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

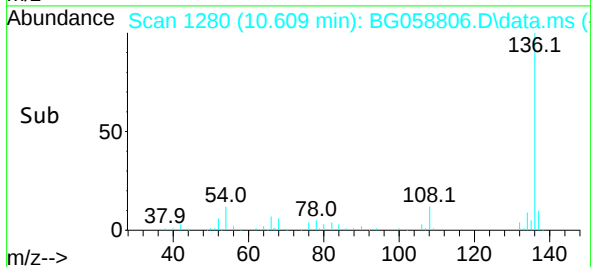
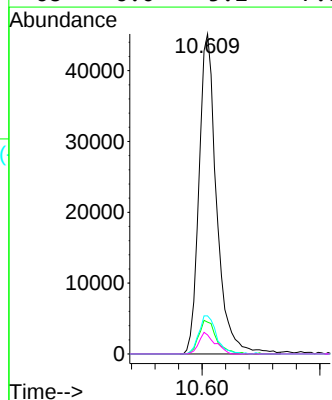
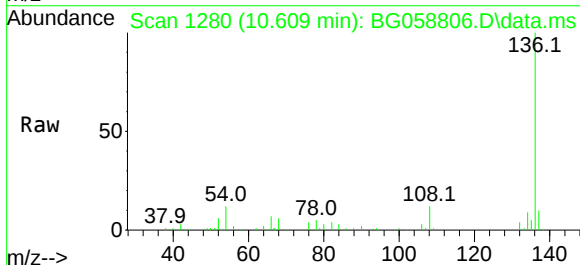
Instrument :  
BNA\_G  
ClientSampleId :  
TP-E

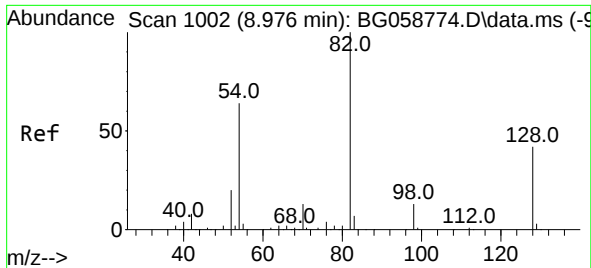
Tgt Ion: 99 Resp: 135047  
Ion Ratio Lower Upper  
99 100  
42 22.7 16.5 24.7  
71 37.5 28.4 42.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.609 min Scan# 1280  
Delta R.T. 0.000 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

Tgt Ion: 136 Resp: 93775  
Ion Ratio Lower Upper  
136 100  
137 10.0 8.7 13.1  
54 11.9 10.1 15.1  
68 6.0 5.2 7.8





#23

Nitrobenzene-d5

Concen: 41.410 ng

RT: 8.970 min Scan# 1002

Delta R.T. -0.006 min

Lab File: BG058806.D

Acq: 22 Aug 2023 12:59

Instrument :

BNA\_G

ClientSampleId :

TP-E

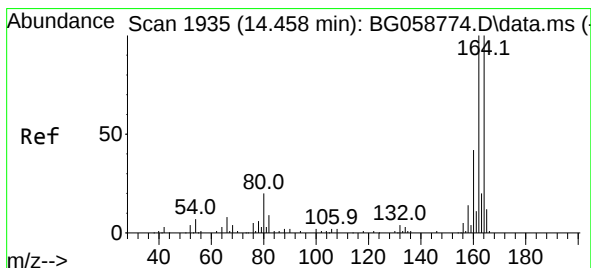
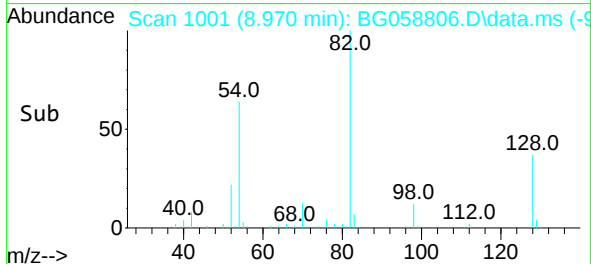
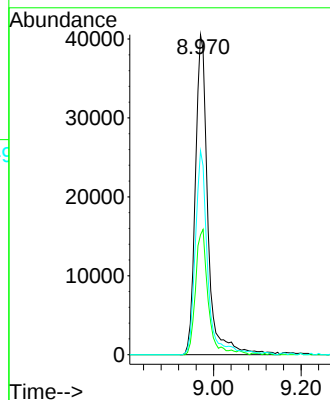
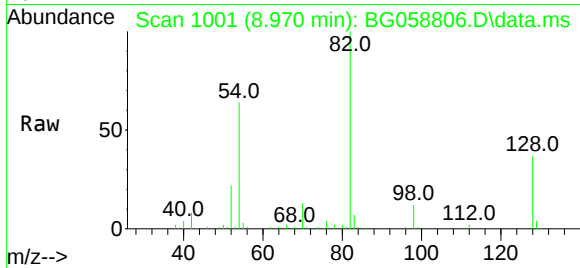
Tgt Ion: 82 Resp: 80770

Ion Ratio Lower Upper

82 100

128 37.4 33.2 49.8

54 63.7 51.2 76.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.458 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BG058806.D

Acq: 22 Aug 2023 12:59

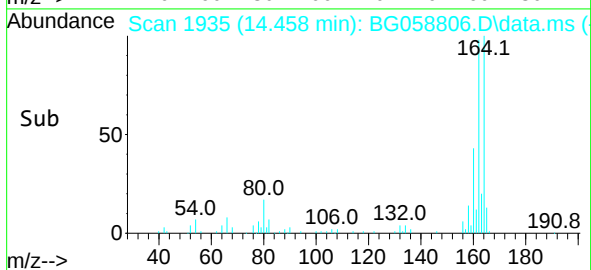
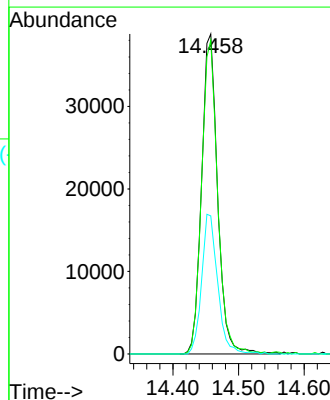
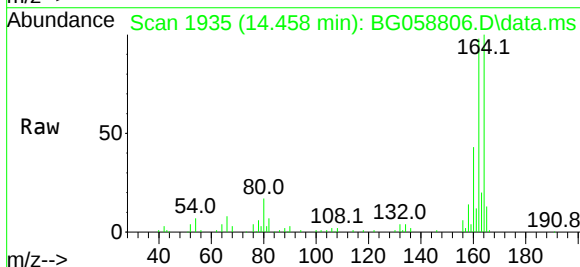
Tgt Ion:164 Resp: 65987

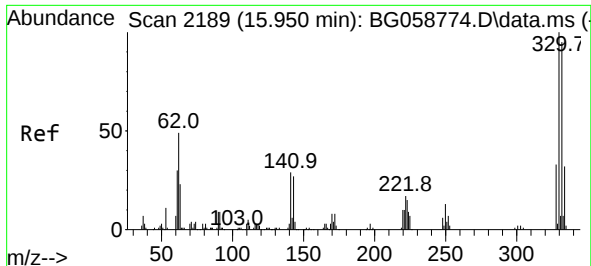
Ion Ratio Lower Upper

164 100

162 98.0 79.6 119.4

160 43.1 34.0 51.0

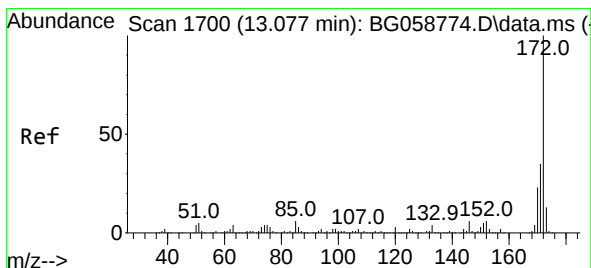
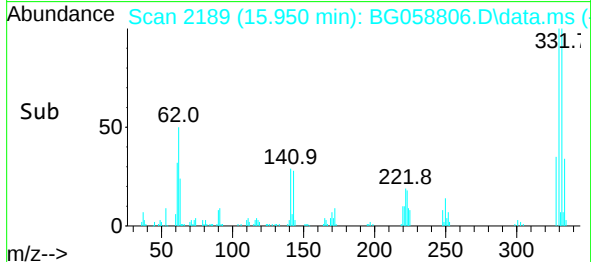
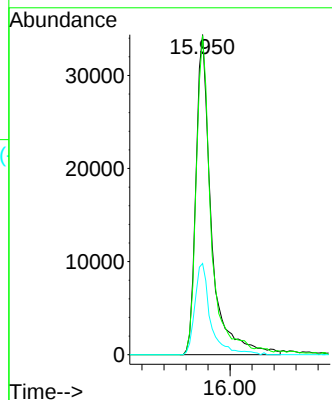
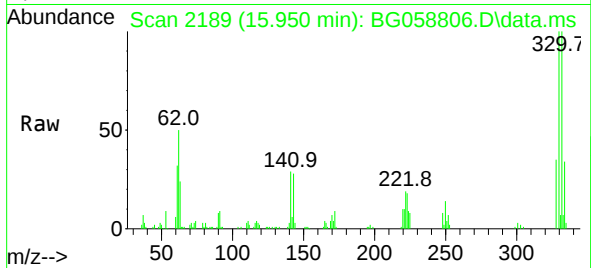




#42  
2,4,6-Tribromophenol  
Concen: 64.916 ng  
RT: 15.950 min Scan# 2189  
Delta R.T. 0.000 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

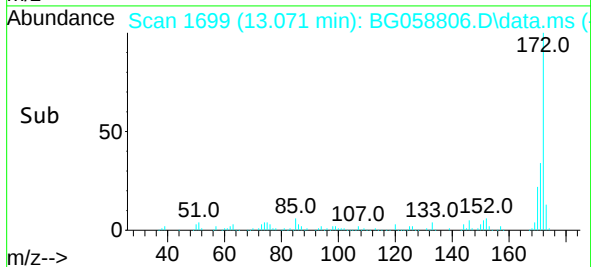
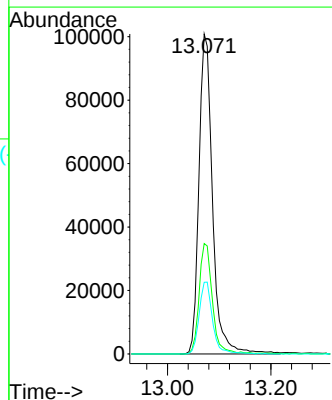
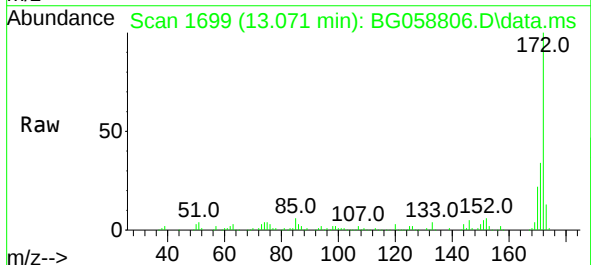
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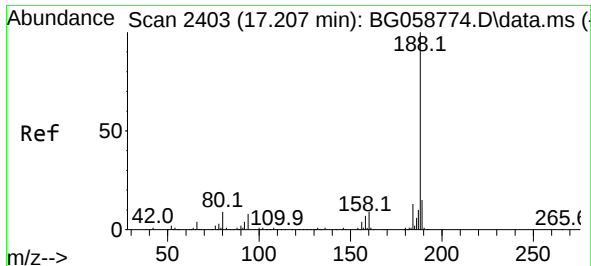
Tgt Ion:330 Resp: 67166  
Ion Ratio Lower Upper  
330 100  
332 95.2 78.5 117.7  
141 28.8 23.0 34.6



#45  
2-Fluorobiphenyl  
Concen: 40.518 ng  
RT: 13.071 min Scan# 1699  
Delta R.T. -0.006 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

Tgt Ion:172 Resp: 183827  
Ion Ratio Lower Upper  
172 100  
171 34.5 28.1 42.1  
170 22.4 18.6 27.8

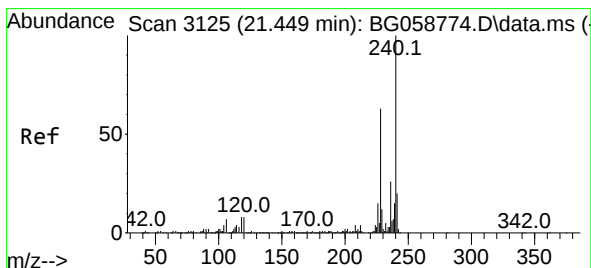
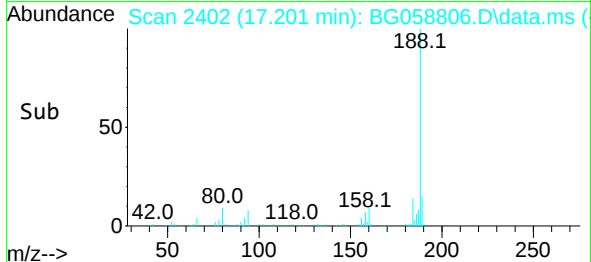
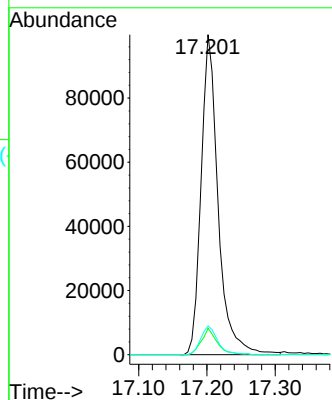
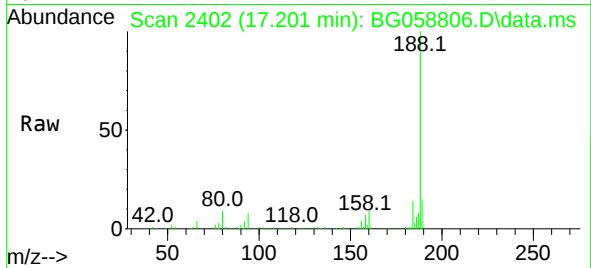




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.201 min Scan# 2402  
Delta R.T. -0.006 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

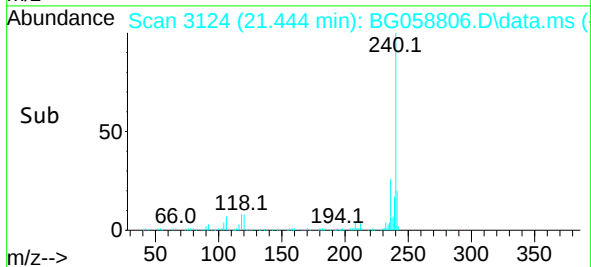
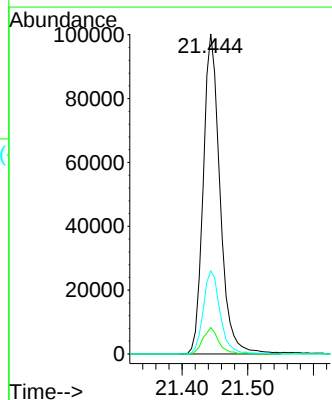
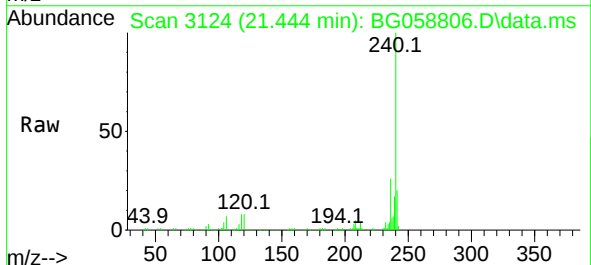
Instrument :  
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ClientSampleId :  
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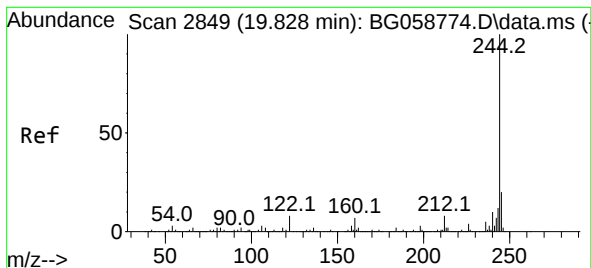
Tgt Ion:188 Resp: 172826  
Ion Ratio Lower Upper  
188 100  
94 8.2 6.1 9.1  
80 9.0 6.9 10.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.444 min Scan# 3124  
Delta R.T. -0.006 min  
Lab File: BG058806.D  
Acq: 22 Aug 2023 12:59

Tgt Ion:240 Resp: 178464  
Ion Ratio Lower Upper  
240 100  
120 8.3 6.2 9.2  
236 26.0 20.5 30.7





#79

Terphenyl-d14

Concen: 40.942 ng

RT: 19.822 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG058806.D

Acq: 22 Aug 2023 12:59

Instrument :

BNA\_G

ClientSampleId :

TP-E

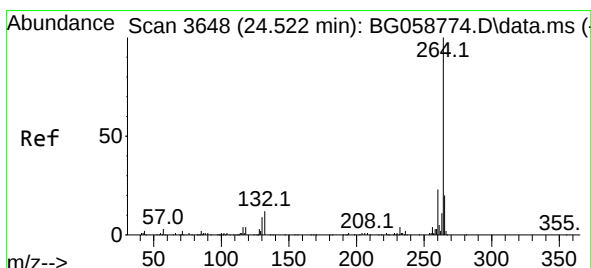
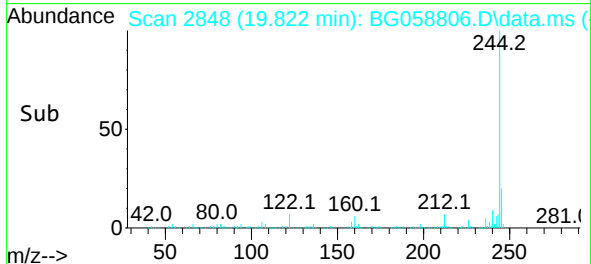
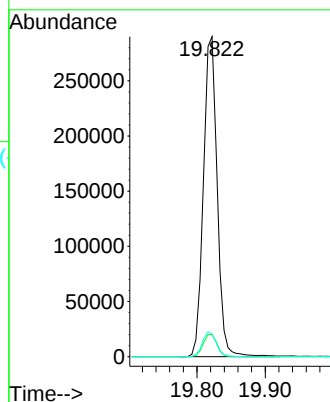
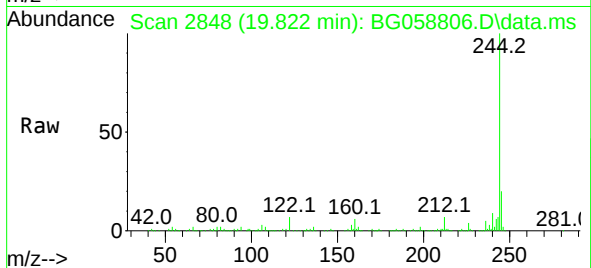
Tgt Ion:244 Resp: 406921

Ion Ratio Lower Upper

244 100

212 7.0 6.2 9.2

122 7.1 6.3 9.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.516 min Scan# 3647

Delta R.T. -0.006 min

Lab File: BG058806.D

Acq: 22 Aug 2023 12:59

Tgt Ion:264 Resp: 215126

Ion Ratio Lower Upper

264 100

260 23.5 18.2 27.2

265 22.0 16.4 24.6

