

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG112223\  
 Data File : BG059821.D  
 Acq On : 22 Nov 2023 17:00  
 Operator : MA/JU  
 Sample : PB157329BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB157329BL

Quant Time: Nov 22 18:15:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG111623.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Nov 17 01:51:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.328  | 152  | 24137    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8          | 11.178 | 136  | 103062   | 20.000  | ng    | #-0.02   |
| 39) Acenaphthene-d10        | 14.962 | 164  | 102639   | 20.000  | ng    | # 0.00   |
| 64) Phenanthrene-d10        | 17.711 | 188  | 258486   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.036 | 240  | 252648   | 20.000  | ng    | #-0.02   |
| 86) Perylene-d12            | 25.626 | 264  | 282942   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.831  | 112  | 184054   | 128.346 | ng    | 0.00     |
| 7) Phenol-d6                | 7.453  | 99   | 251671   | 118.427 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.533  | 82   | 225434   | 83.540  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.448 | 330  | 177332   | 152.273 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.587 | 172  | 573723   | 75.240  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.291 | 244  | 1522663  | 88.971  | ng    | 0.00     |

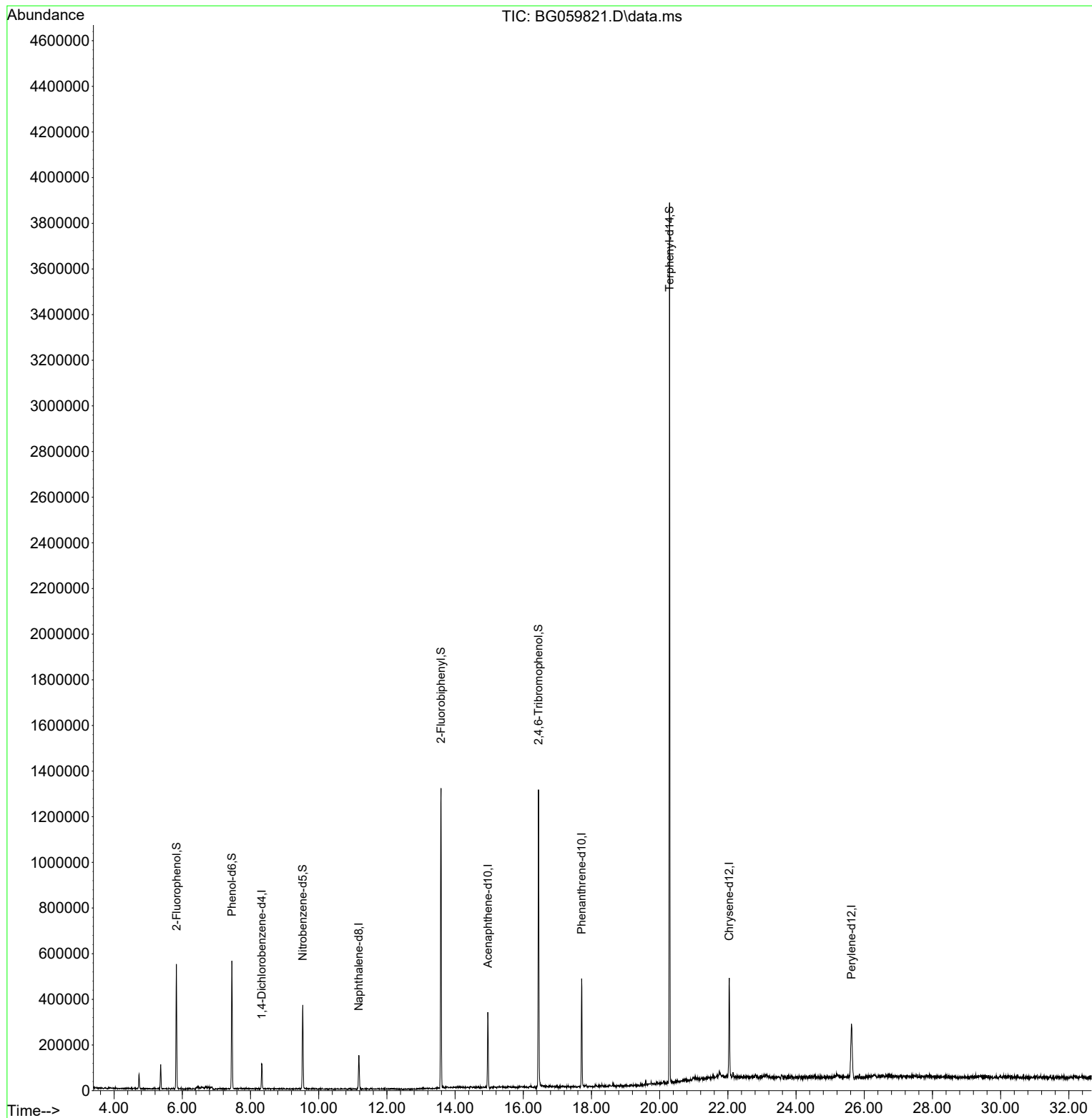
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

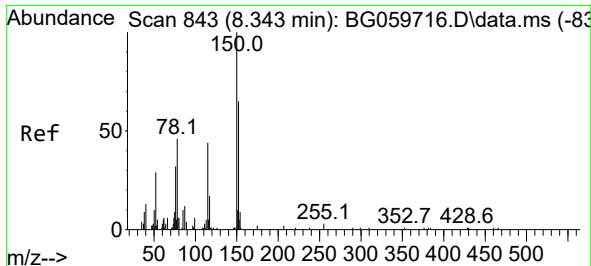
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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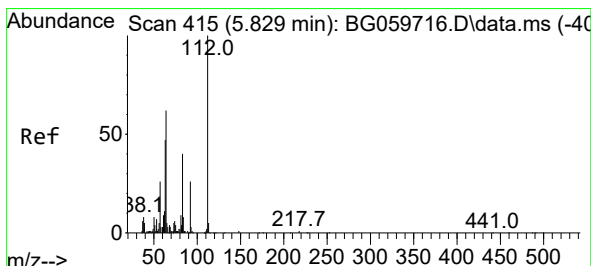
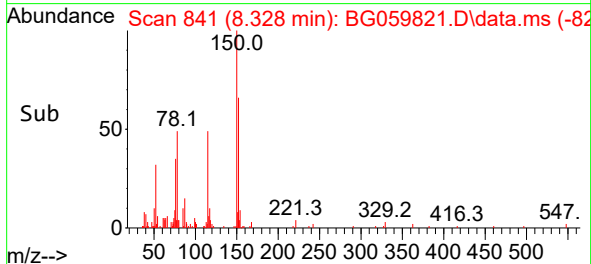
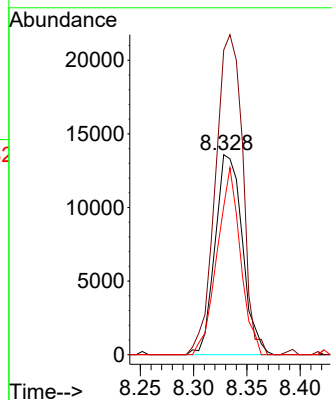
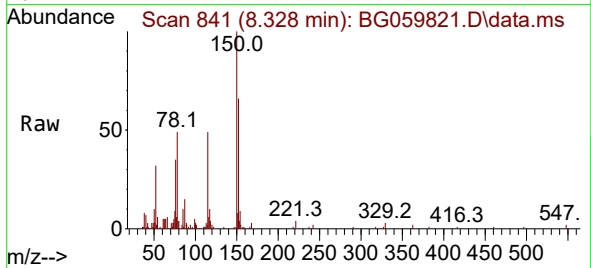




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.328 min Scan# 843  
 Delta R.T. -0.015 min  
 Lab File: BG059821.D  
 Acq: 22 Nov 2023 17:00

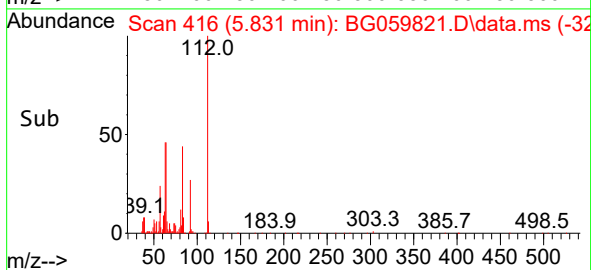
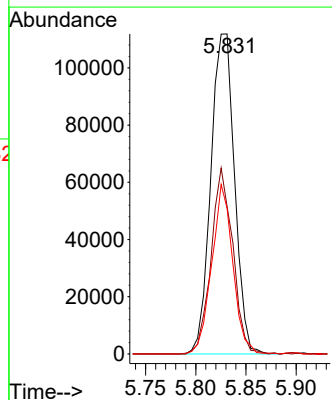
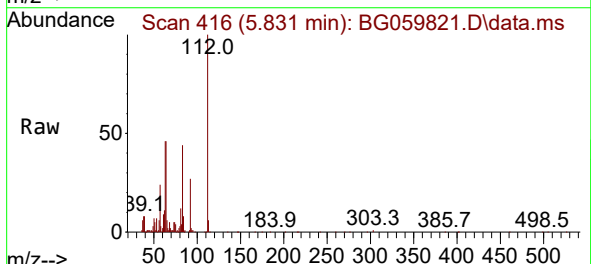
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB157329BL

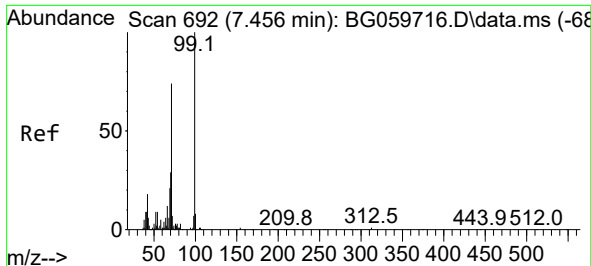
Tgt Ion:152 Resp: 24137  
 Ion Ratio Lower Upper  
 152 100  
 150 152.3 122.2 183.4  
 115 74.1 54.2 81.4



#5  
 2-Fluorophenol  
 Concen: 128.346 ng  
 RT: 5.831 min Scan# 416  
 Delta R.T. 0.003 min  
 Lab File: BG059821.D  
 Acq: 22 Nov 2023 17:00

Tgt Ion:112 Resp: 184054  
 Ion Ratio Lower Upper  
 112 100  
 64 46.1 49.5 74.3#  
 63 45.5 37.4 56.2

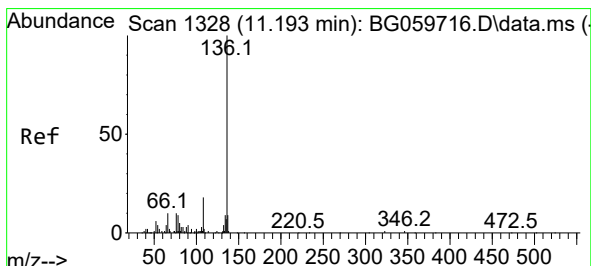
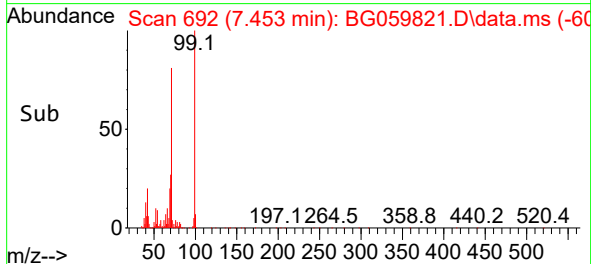
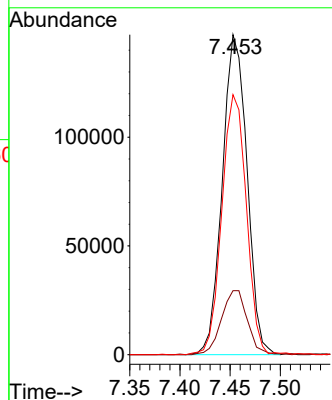
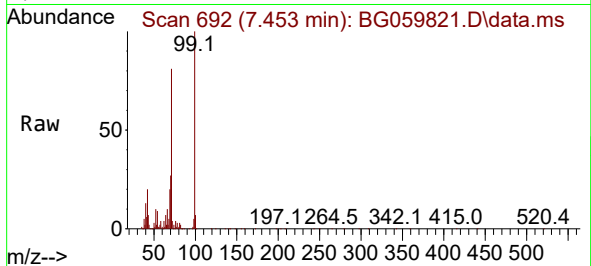




#7  
Phenol-d6  
Concen: 118.427 ng  
RT: 7.453 min Scan# 692  
Delta R.T. -0.003 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

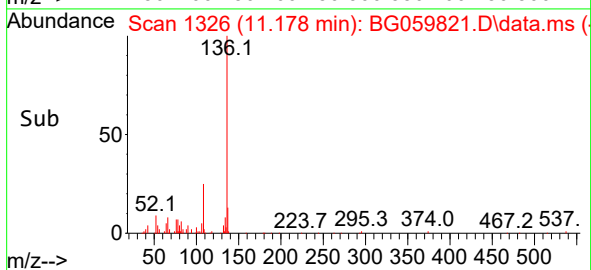
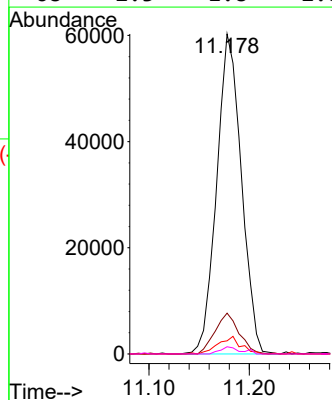
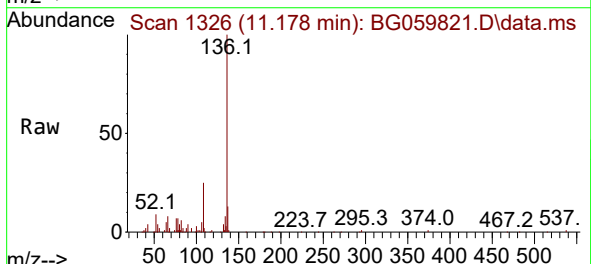
Instrument :  
BNA\_G  
ClientSampleId :  
PB157329BL

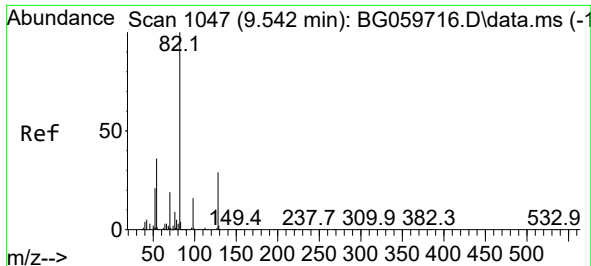
Tgt Ion: 99 Resp: 251671  
Ion Ratio Lower Upper  
99 100  
42 20.0 14.3 21.5  
71 81.3 59.3 88.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.178 min Scan# 1326  
Delta R.T. -0.015 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

Tgt Ion: 136 Resp: 103062  
Ion Ratio Lower Upper  
136 100  
137 12.8 7.4 11.0#  
54 4.1 3.1 4.7  
68 2.3 1.8 2.8

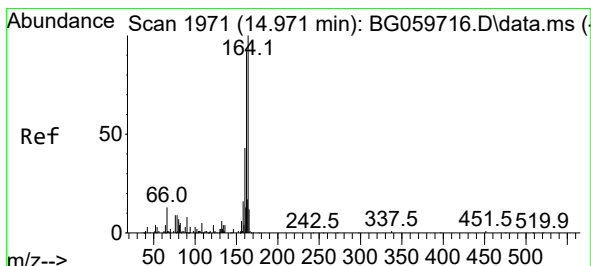
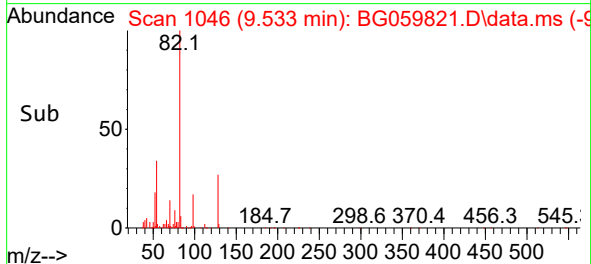
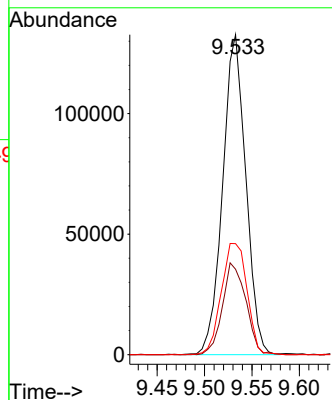
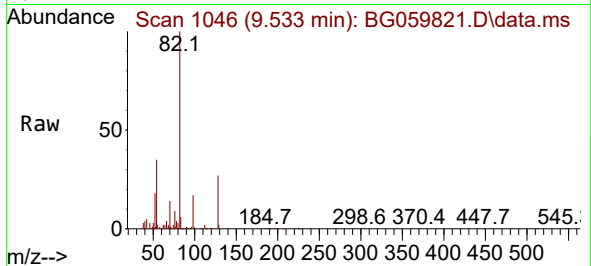




#23  
Nitrobenzene-d5  
Concen: 83.540 ng  
RT: 9.533 min Scan# 1046  
Delta R.T. -0.009 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

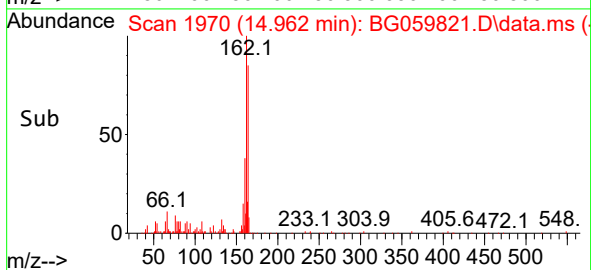
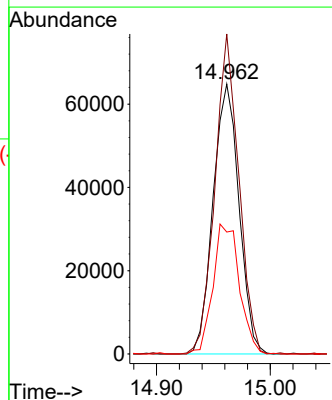
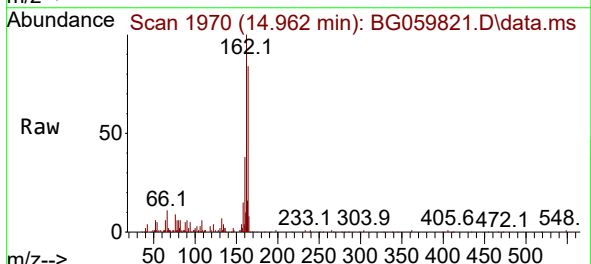
Instrument :  
BNA\_G  
ClientSampleId :  
PB157329BL

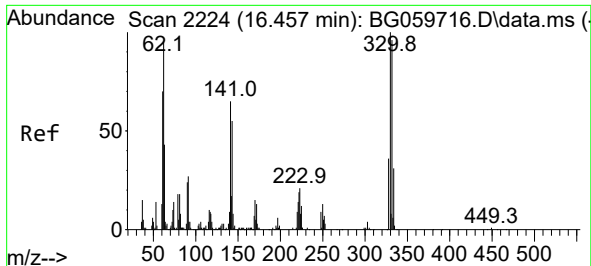
Tgt Ion: 82 Resp: 225434  
Ion Ratio Lower Upper  
82 100  
128 26.7 23.0 34.6  
54 34.7 28.7 43.1



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.962 min Scan# 1970  
Delta R.T. -0.009 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

Tgt Ion:164 Resp: 102639  
Ion Ratio Lower Upper  
164 100  
162 118.6 73.3 109.9#  
160 45.2 34.1 51.1

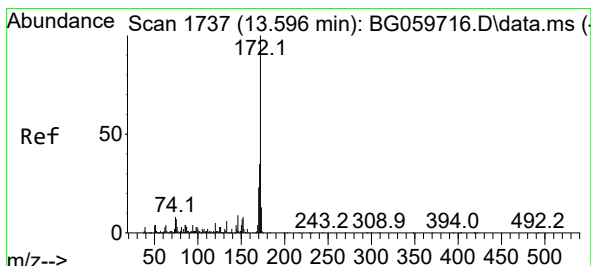
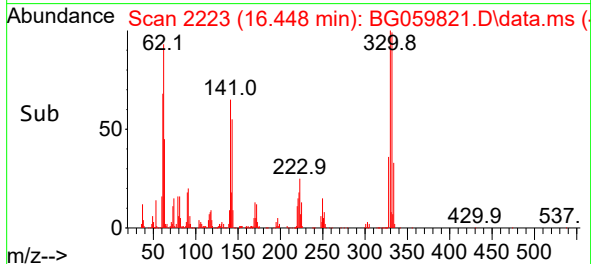
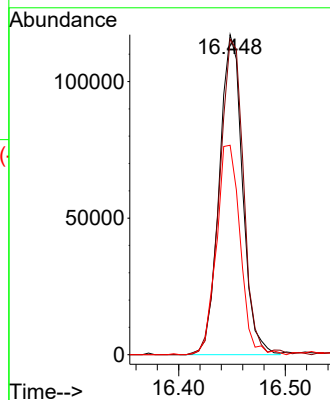
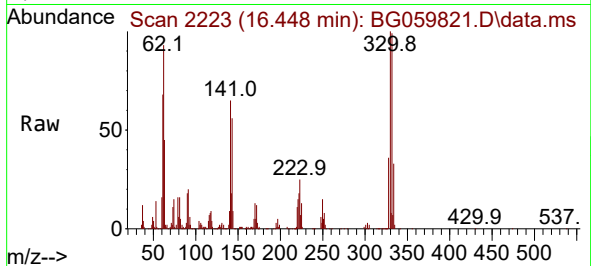




#42  
2,4,6-Tribromophenol  
Concen: 152.273 ng  
RT: 16.448 min Scan# 21  
Delta R.T. -0.009 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

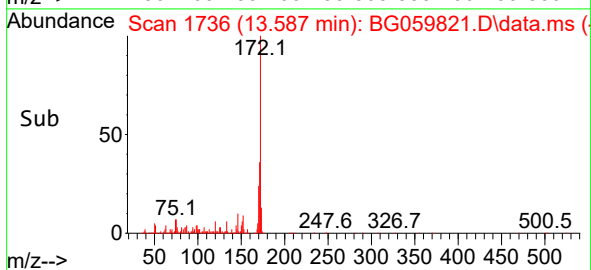
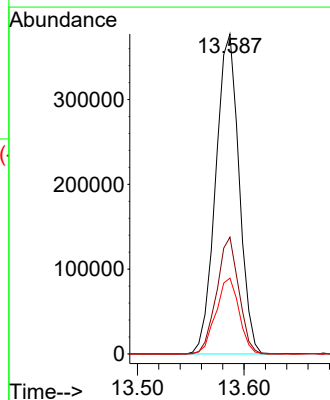
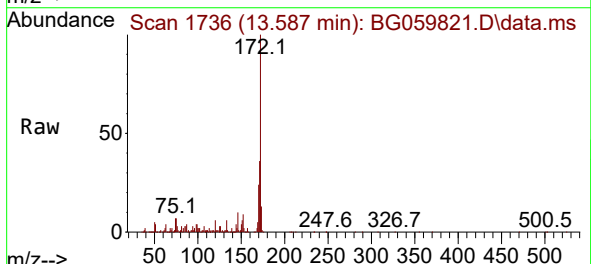
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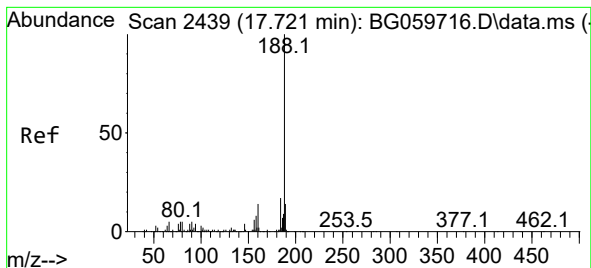
Tgt Ion:330 Resp: 177332  
Ion Ratio Lower Upper  
330 100  
332 101.4 73.3 109.9  
141 66.8 52.1 78.1



#45  
2-Fluorobiphenyl  
Concen: 75.240 ng  
RT: 13.587 min Scan# 1736  
Delta R.T. -0.009 min  
Lab File: BG059821.D  
Acq: 22 Nov 2023 17:00

Tgt Ion:172 Resp: 573723  
Ion Ratio Lower Upper  
172 100  
171 36.5 27.7 41.5  
170 23.7 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.711 min Scan# 2438

Delta R.T. -0.009 min

Lab File: BG059821.D

Acq: 22 Nov 2023 17:00

Instrument :

BNA\_G

ClientSampleId :

PB157329BL

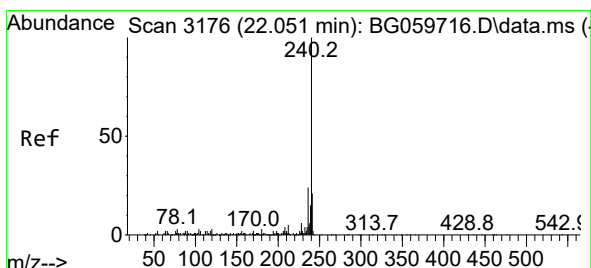
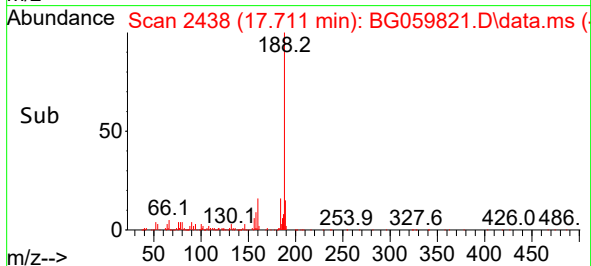
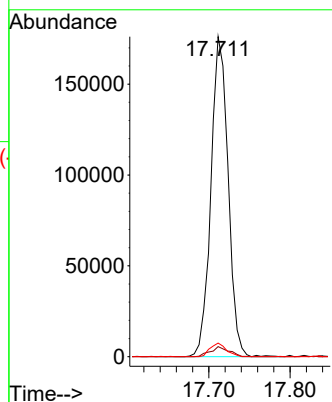
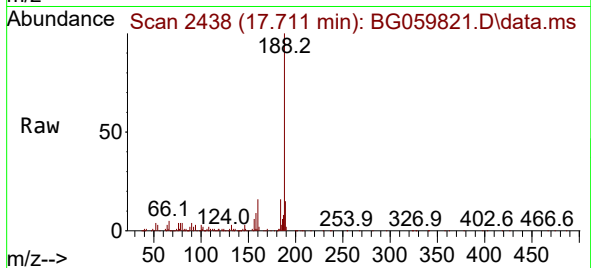
Tgt Ion:188 Resp: 258486

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.4

80 4.3 4.2 6.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.036 min Scan# 3174

Delta R.T. -0.015 min

Lab File: BG059821.D

Acq: 22 Nov 2023 17:00

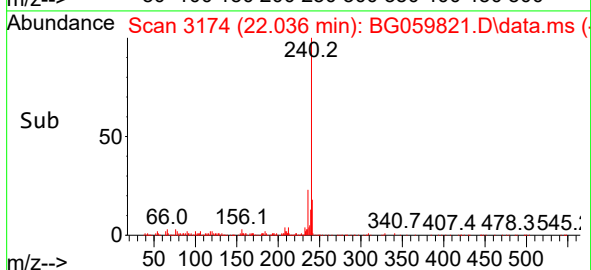
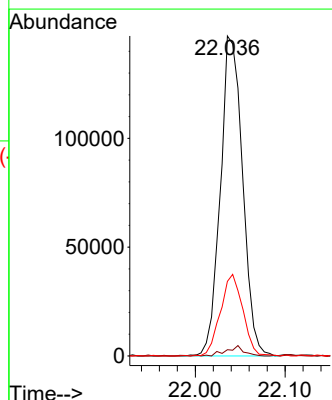
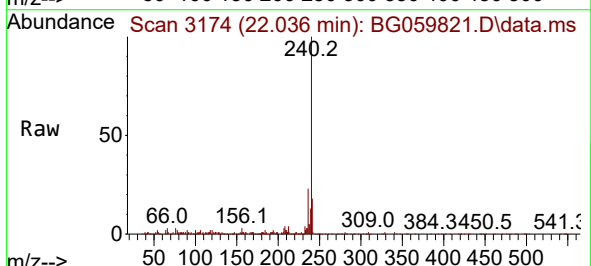
Tgt Ion:240 Resp: 252648

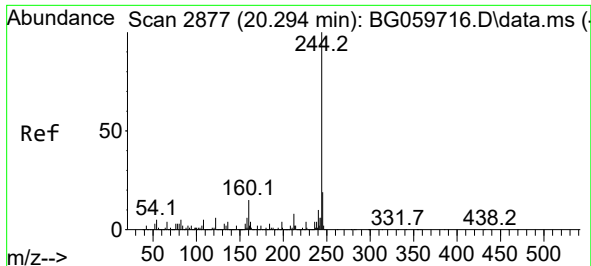
Ion Ratio Lower Upper

240 100

120 1.9 2.2 3.2#

236 23.3 19.4 29.2

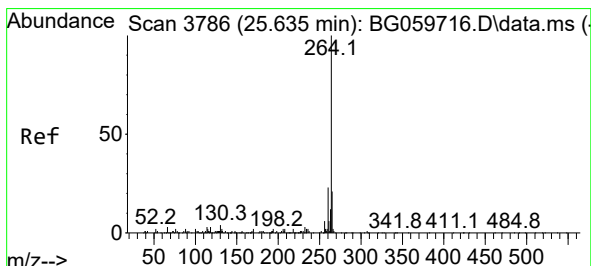
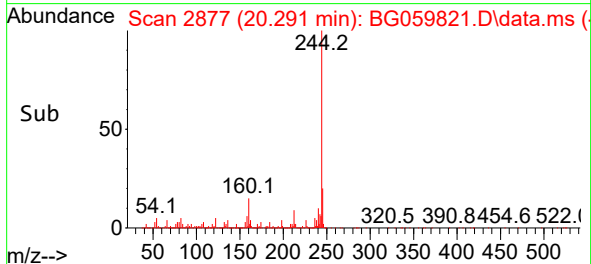
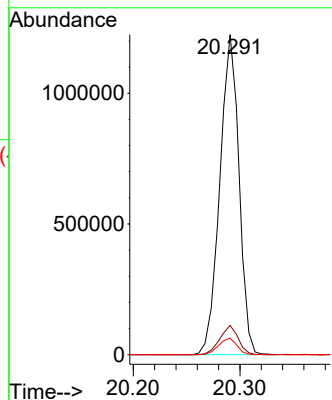
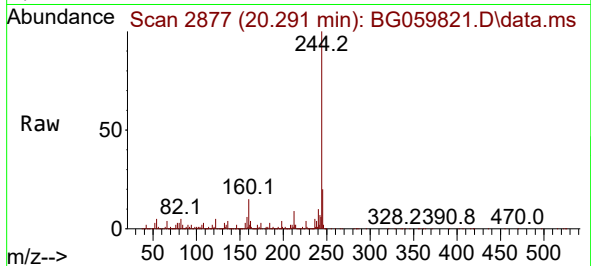




#79  
 Terphenyl-d14  
 Concen: 88.971 ng  
 RT: 20.291 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG059821.D  
 Acq: 22 Nov 2023 17:00

Instrument :  
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 PB157329BL

Tgt Ion:244 Resp: 1522663  
 Ion Ratio Lower Upper  
 244 100  
 212 9.1 6.6 10.0  
 122 5.1 4.4 6.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.626 min Scan# 3785  
 Delta R.T. -0.009 min  
 Lab File: BG059821.D  
 Acq: 22 Nov 2023 17:00

Tgt Ion:264 Resp: 282942  
 Ion Ratio Lower Upper  
 264 100  
 260 27.1 18.5 27.7  
 265 21.7 17.0 25.6

