

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG062223\  
 Data File : BG057808.D  
 Acq On : 22 Jun 2023 13:45  
 Operator : CG/JU  
 Sample : 03302-04  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-3

Quant Time: Jun 22 14:37:56 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG061923.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jun 20 03:40:38 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 7.923  | 152  | 33301    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.720 | 136  | 160644   | 20.000  | ng    | -0.01    |
| 39) Acenaphthene-d10        | 14.551 | 164  | 123430   | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10        | 17.295 | 188  | 310472   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.548 | 240  | 264561   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 24.698 | 264  | 322582   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.491  | 112  | 241739   | 111.930 | ng    | 0.00     |
| 7) Phenol-d6                | 7.077  | 99   | 366078   | 111.087 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 9.081  | 82   | 207442   | 66.275  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.043 | 330  | 191485   | 111.369 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.182 | 172  | 513951   | 63.156  | ng    | 0.00     |
| 79) Terphenyl-d14           | 19.915 | 244  | 908499   | 64.032  | ng    | 0.00     |

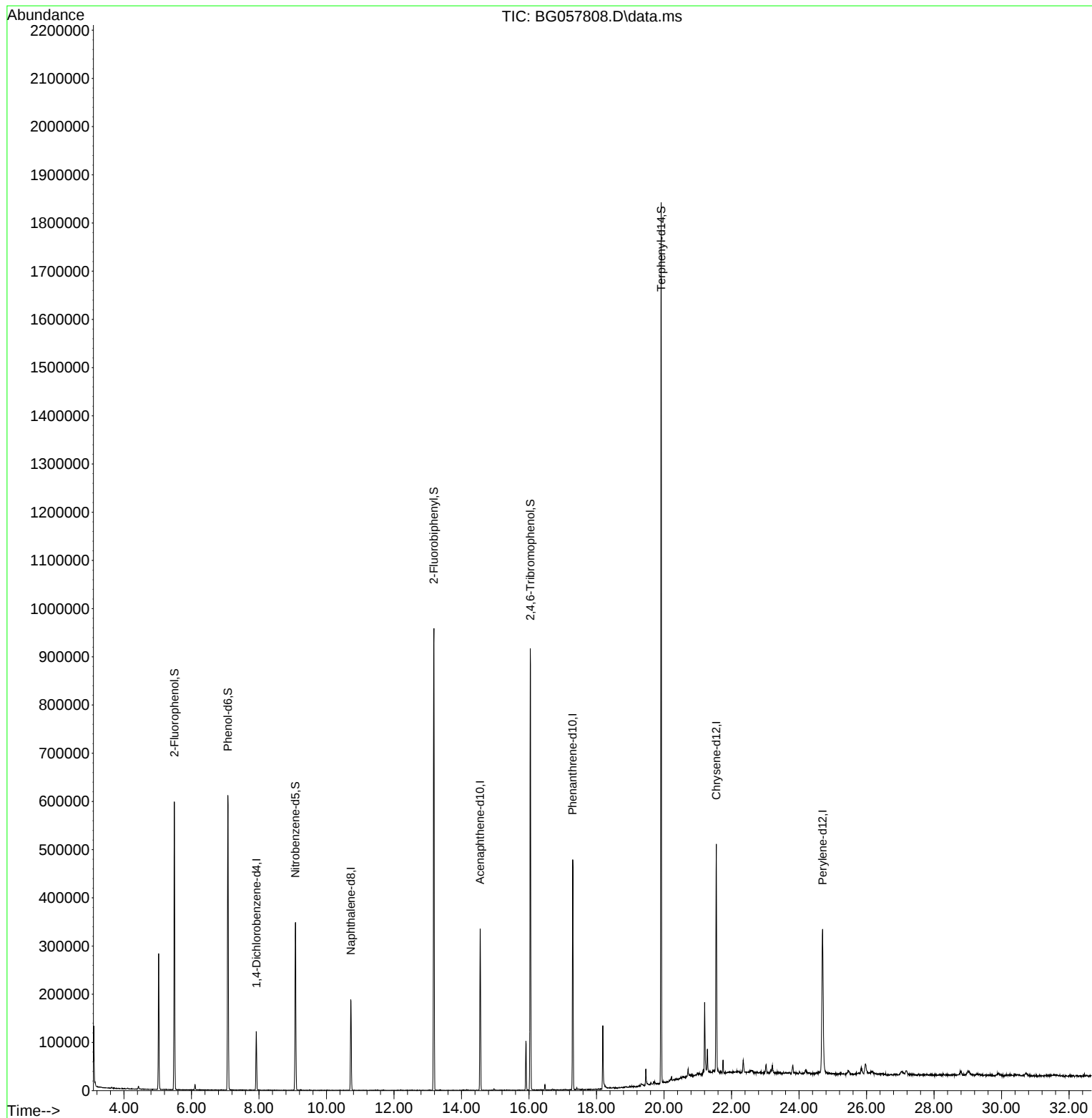
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

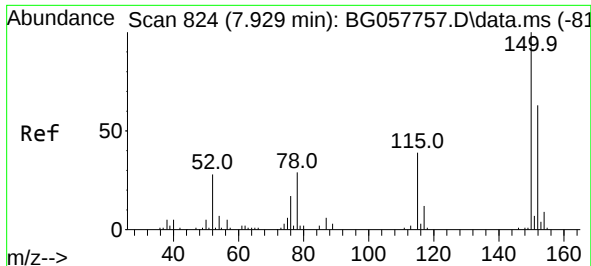
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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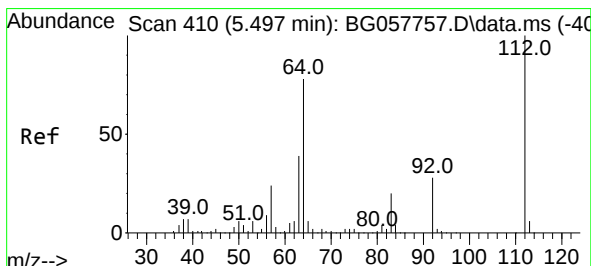
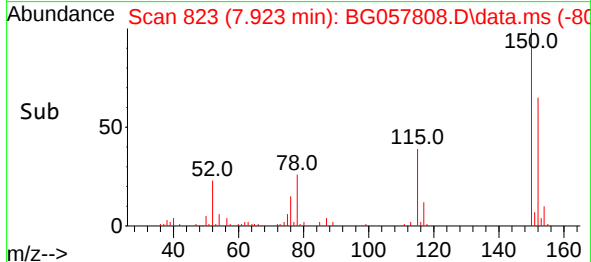
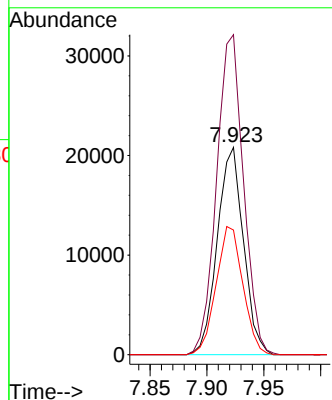
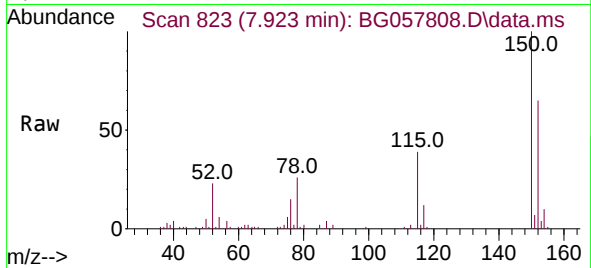




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.923 min Scan# 81  
Delta R.T. -0.006 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

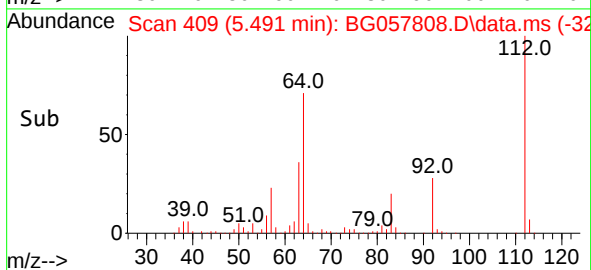
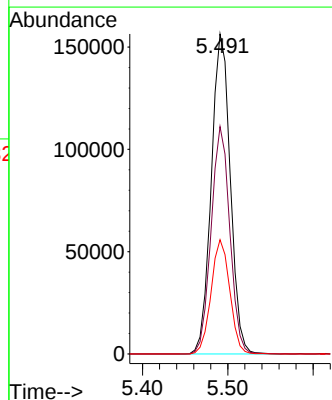
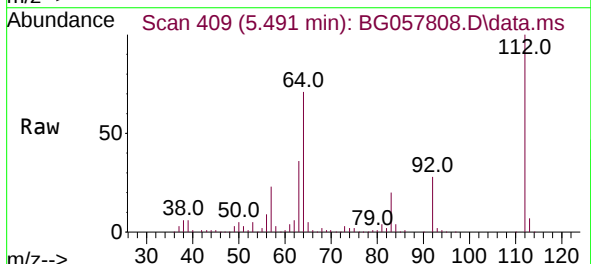
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ClientSampleId :  
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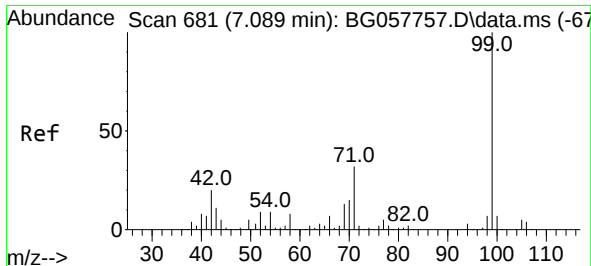
Tgt Ion:152 Resp: 33301  
Ion Ratio Lower Upper  
152 100  
150 154.3 126.6 189.8  
115 60.1 48.9 73.3



#5  
2-Fluorophenol  
Concen: 111.930 ng  
RT: 5.491 min Scan# 409  
Delta R.T. -0.006 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

Tgt Ion:112 Resp: 241739  
Ion Ratio Lower Upper  
112 100  
64 71.1 62.1 93.1  
63 35.7 31.5 47.3

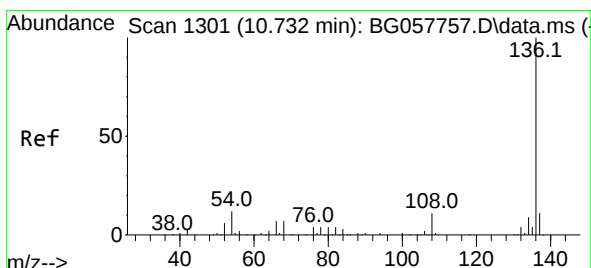
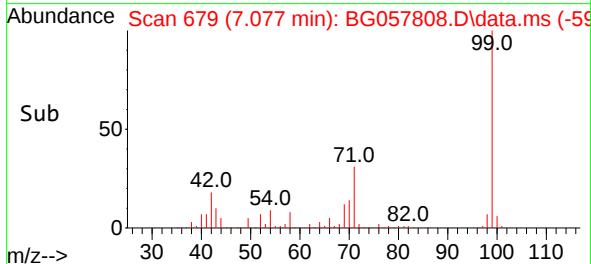
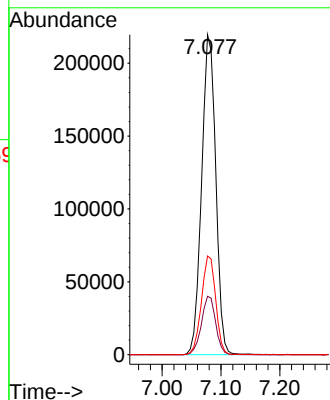
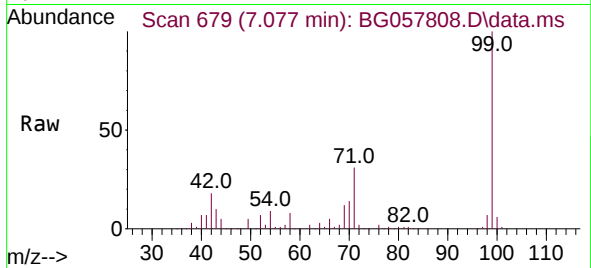




#7  
Phenol-d6  
Concen: 111.087 ng  
RT: 7.077 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

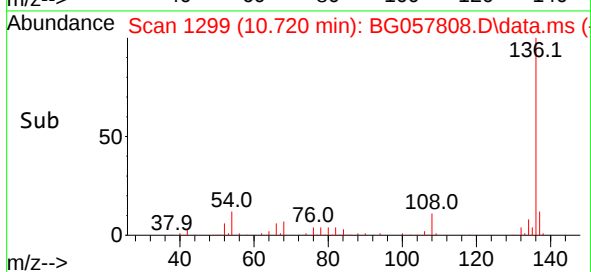
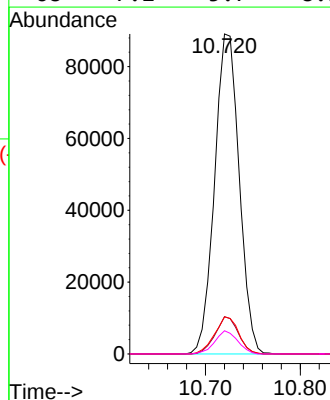
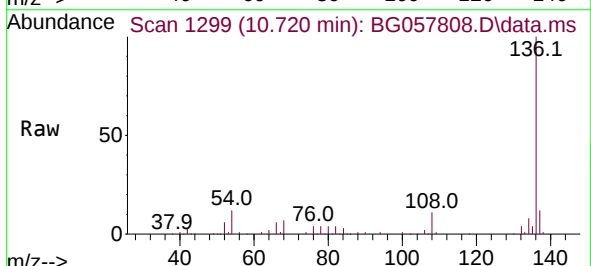
Instrument :  
BNA\_G  
ClientSampleId :  
SB-3

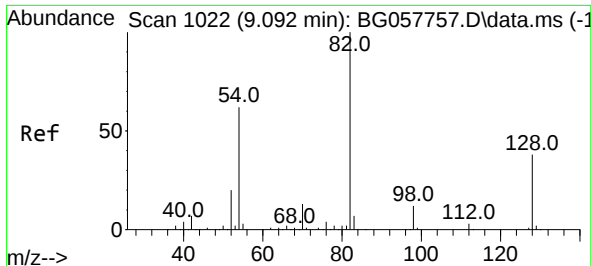
Tgt Ion: 99 Resp: 366078  
Ion Ratio Lower Upper  
99 100  
42 18.3 16.4 24.6  
71 30.9 25.8 38.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.720 min Scan# 1299  
Delta R.T. -0.012 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

Tgt Ion: 136 Resp: 160644  
Ion Ratio Lower Upper  
136 100  
137 11.7 8.5 12.7  
54 11.6 9.5 14.3  
68 7.2 5.7 8.5





#23

Nitrobenzene-d5

Concen: 66.275 ng

RT: 9.081 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BG057808.D

Acq: 22 Jun 2023 13:45

Instrument :

BNA\_G

ClientSampleId :

SB-3

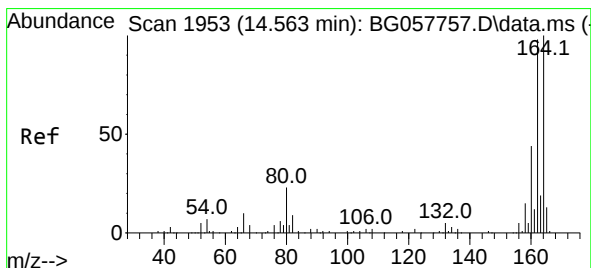
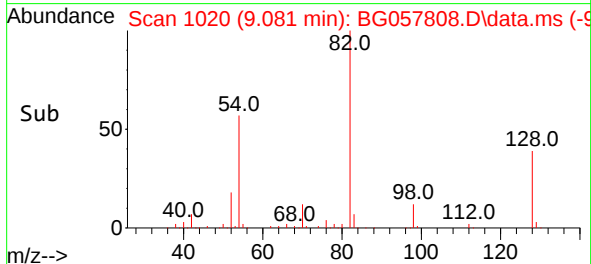
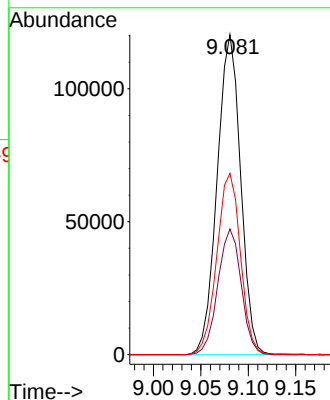
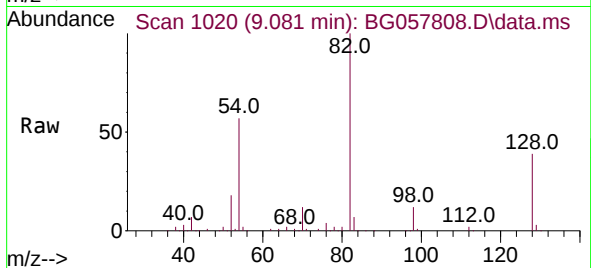
Tgt Ion: 82 Resp: 207442

Ion Ratio Lower Upper

82 100

128 39.3 30.7 46.1

54 56.7 49.6 74.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.551 min Scan# 1951

Delta R.T. -0.012 min

Lab File: BG057808.D

Acq: 22 Jun 2023 13:45

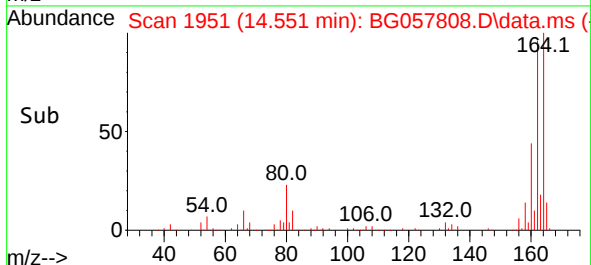
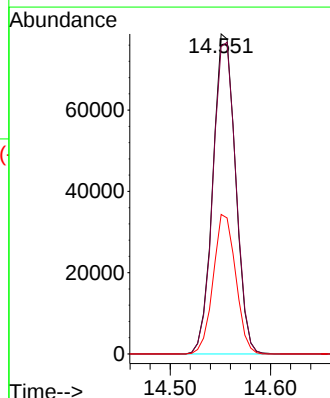
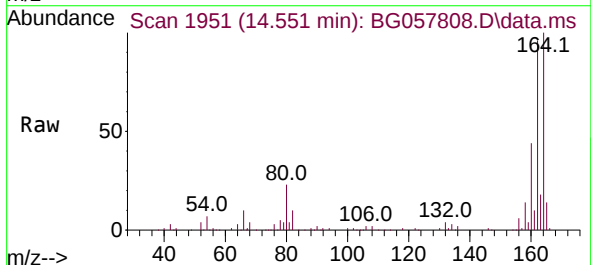
Tgt Ion:164 Resp: 123430

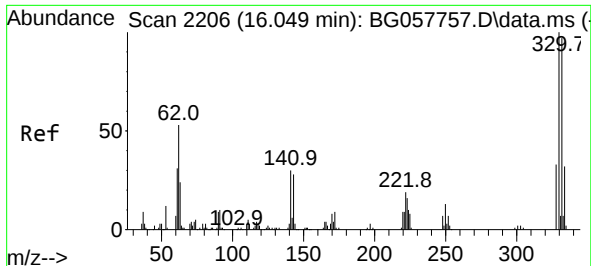
Ion Ratio Lower Upper

164 100

162 96.1 78.3 117.5

160 43.6 35.4 53.0

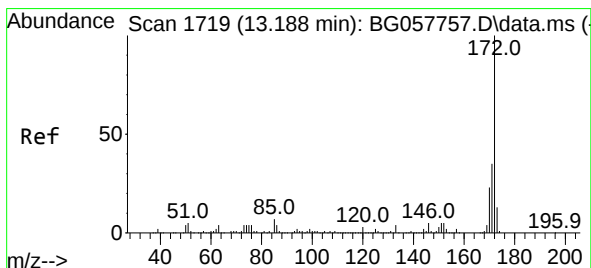
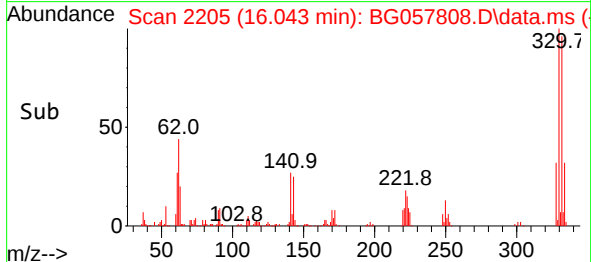
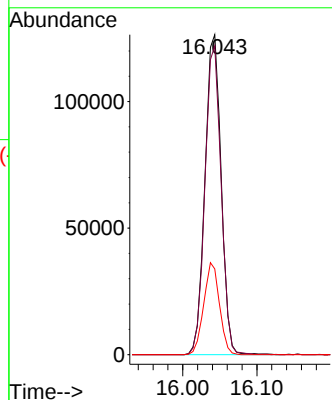
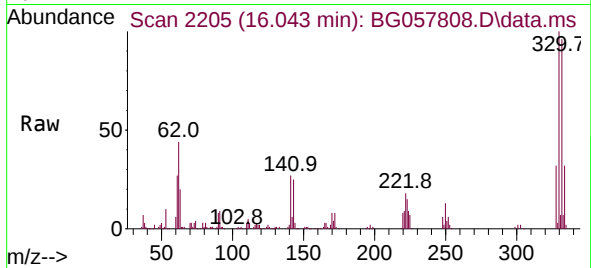




#42  
2,4,6-Tribromophenol  
Concen: 111.369 ng  
RT: 16.043 min Scan# 21  
Delta R.T. -0.006 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

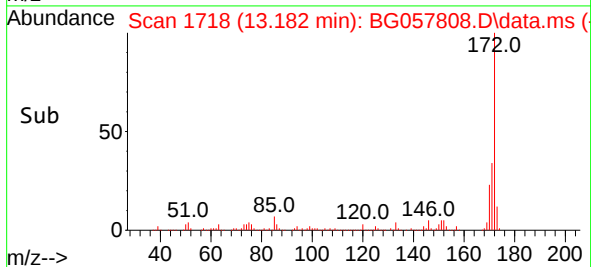
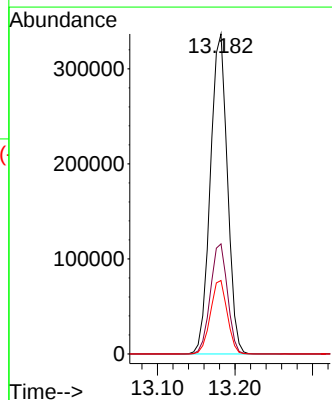
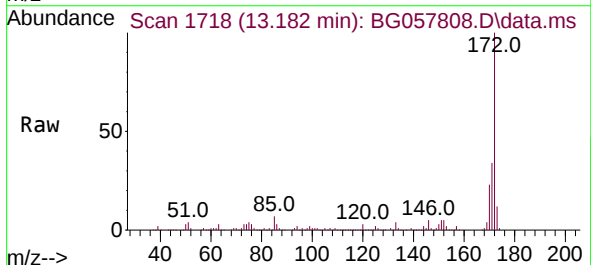
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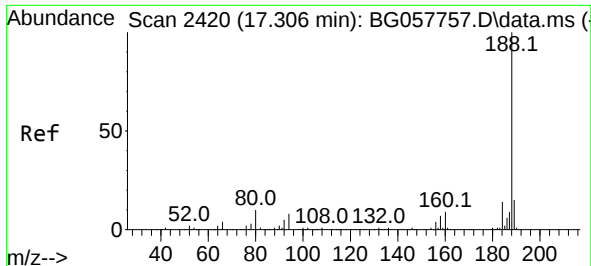
Tgt Ion:330 Resp: 191485  
Ion Ratio Lower Upper  
330 100  
332 96.4 76.6 115.0  
141 28.0 24.7 37.1



#45  
2-Fluorobiphenyl  
Concen: 63.156 ng  
RT: 13.182 min Scan# 1718  
Delta R.T. -0.006 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

Tgt Ion:172 Resp: 513951  
Ion Ratio Lower Upper  
172 100  
171 34.4 28.1 42.1  
170 23.0 18.6 27.8

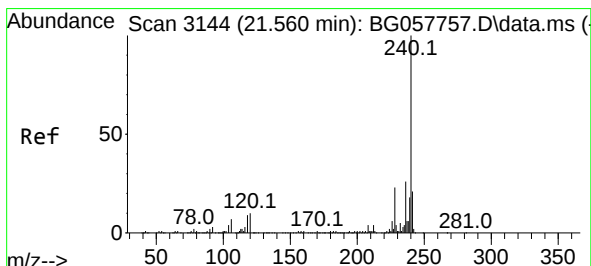
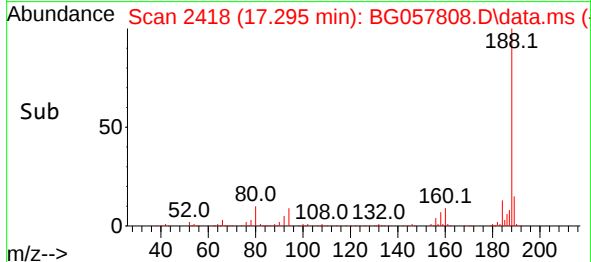
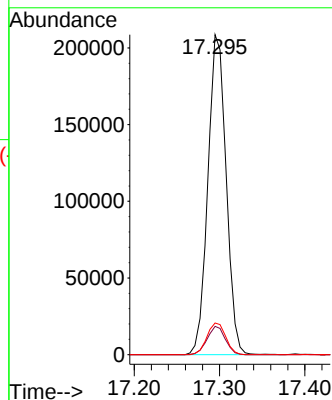
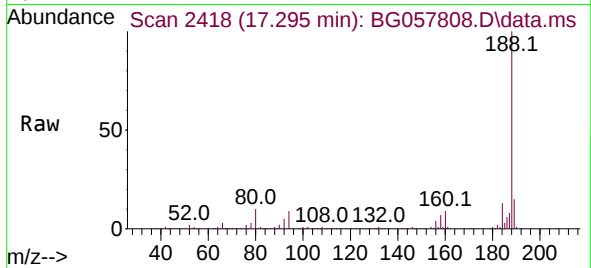




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.295 min Scan# 2418  
Delta R.T. -0.012 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

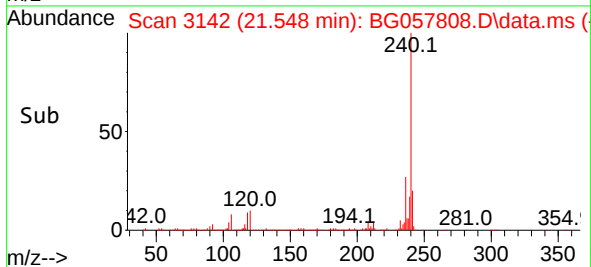
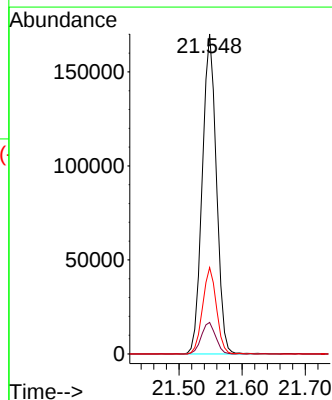
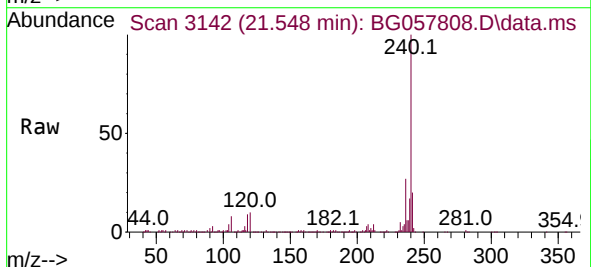
Instrument :  
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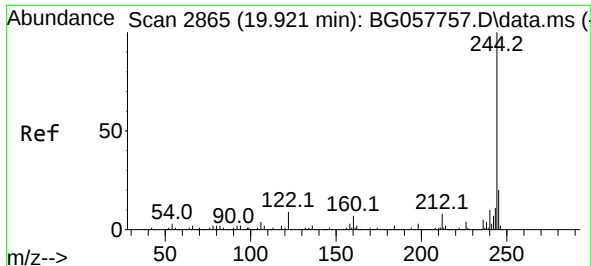
Tgt Ion:188 Resp: 310472  
Ion Ratio Lower Upper  
188 100  
94 8.8 6.6 9.8  
80 9.9 7.6 11.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.548 min Scan# 3142  
Delta R.T. -0.012 min  
Lab File: BG057808.D  
Acq: 22 Jun 2023 13:45

Tgt Ion:240 Resp: 264561  
Ion Ratio Lower Upper  
240 100  
120 9.8 8.1 12.1  
236 27.0 20.6 30.8

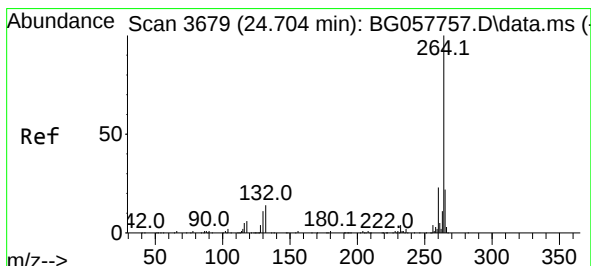
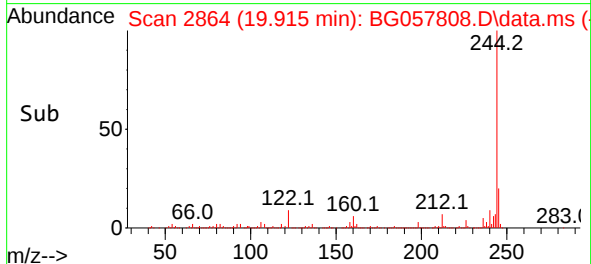
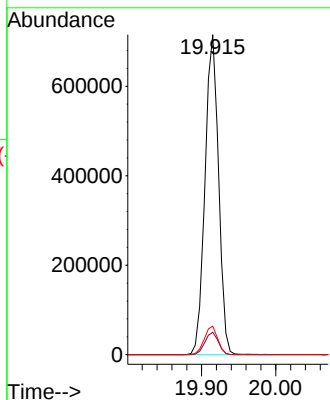
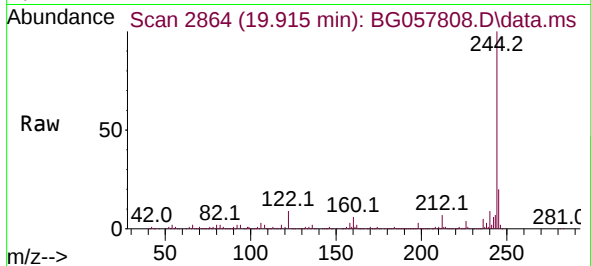




#79  
 Terphenyl-d14  
 Concen: 64.032 ng  
 RT: 19.915 min Scan# 21  
 Delta R.T. -0.006 min  
 Lab File: BG057808.D  
 Acq: 22 Jun 2023 13:45

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 908499  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.1 9.1  
 122 8.9 7.6 11.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.698 min Scan# 3678  
 Delta R.T. -0.006 min  
 Lab File: BG057808.D  
 Acq: 22 Jun 2023 13:45

Tgt Ion:264 Resp: 322582  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.5 27.7  
 265 22.8 17.4 26.2

