

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060623\  
 Data File : BG057661.D  
 Acq On : 7 Jun 2023 8:01  
 Operator : CG/JU  
 Sample : PB153087TB  
 Misc :  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB153087TB

Quant Time: Jun 07 08:51:36 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  | 21815    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.178 | 136  | 98576    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.955 | 164  | 75846    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.692 | 188  | 193667   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.998 | 240  | 179579   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.488 | 264  | 191466   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.855  | 112  | 200813   | 159.924 | ng    | 0.00     |
| 7) Phenol-d6                | 7.488  | 99   | 295897   | 150.574 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.521  | 82   | 136802   | 64.873  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.441 | 330  | 142718   | 117.530 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.580 | 172  | 487189   | 92.312  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.265 | 244  | 977410   | 94.281  | ng    | 0.00     |

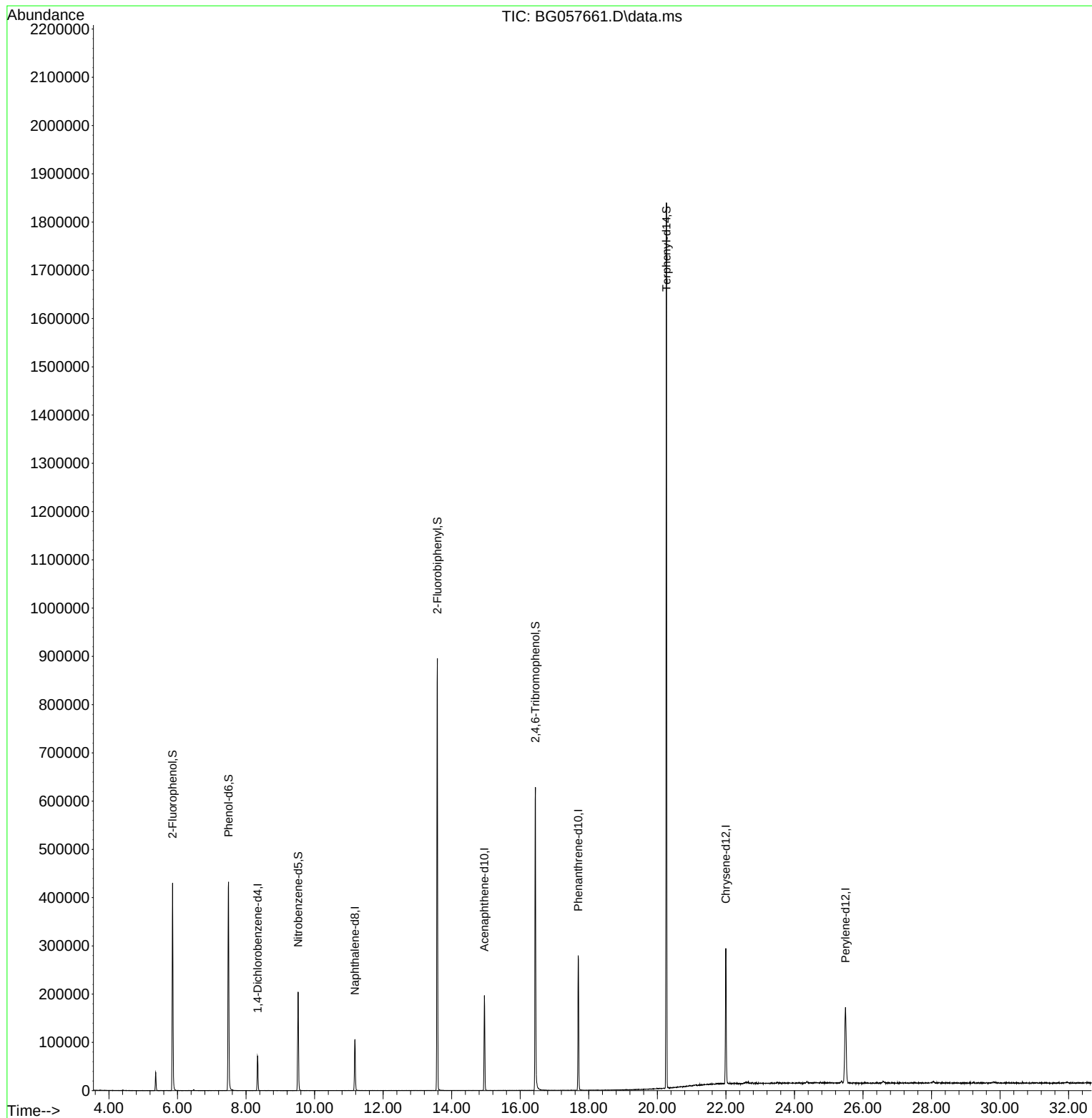
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

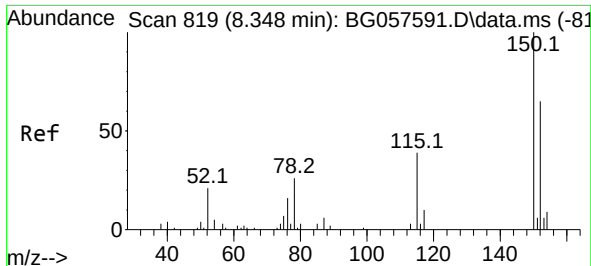
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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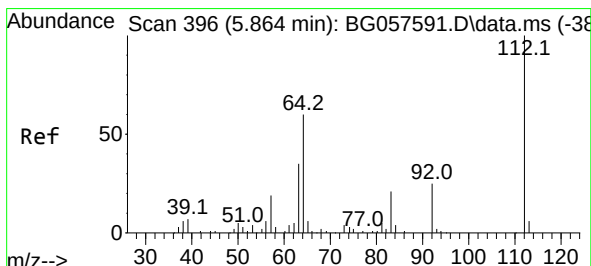
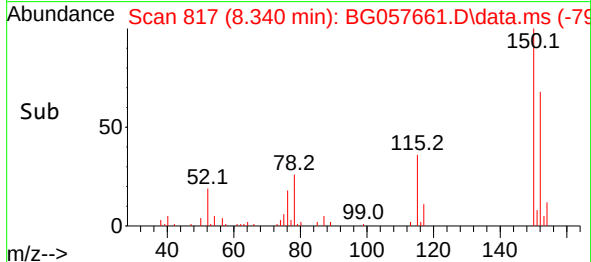
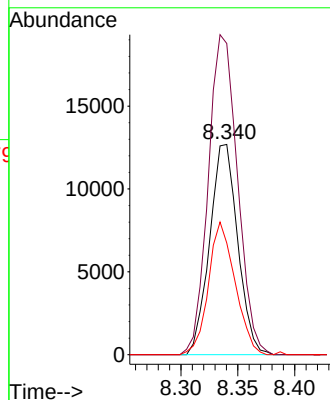
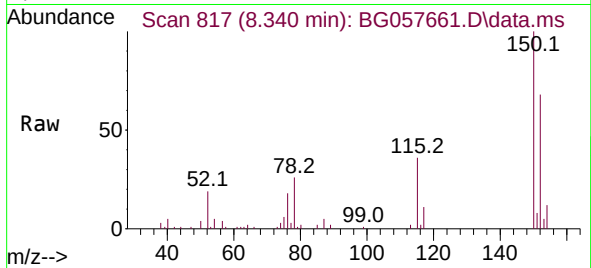




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.340 min Scan# 819  
Delta R.T. 0.006 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

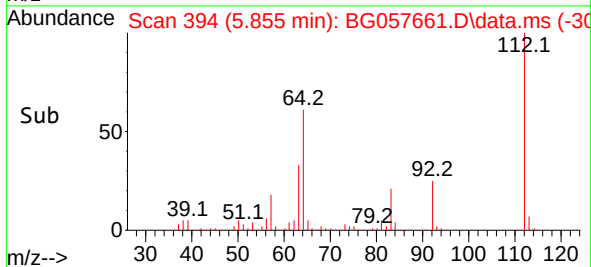
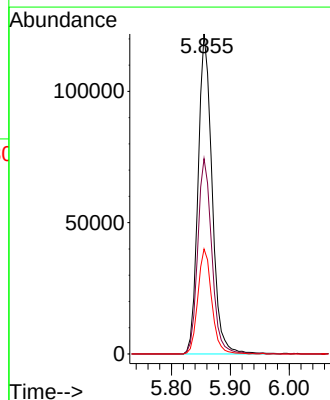
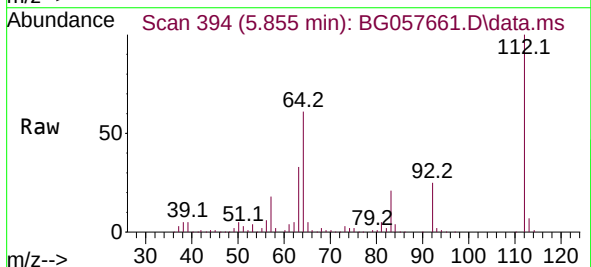
Instrument :  
BNA\_G  
ClientSampleId :  
PB153087TB

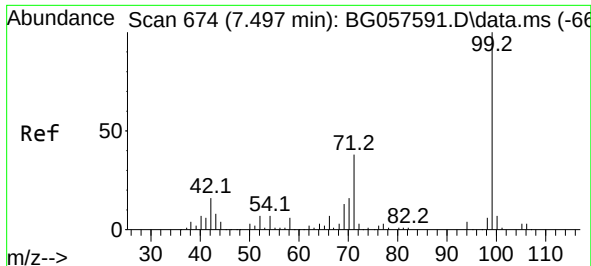
Tgt Ion:152 Resp: 21815  
Ion Ratio Lower Upper  
152 100  
150 148.0 123.0 184.4  
115 53.1 47.4 71.2



#5  
2-Fluorophenol  
Concen: 159.924 ng  
RT: 5.855 min Scan# 394  
Delta R.T. 0.001 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

Tgt Ion:112 Resp: 200813  
Ion Ratio Lower Upper  
112 100  
64 61.0 47.8 71.6  
63 32.8 27.8 41.8

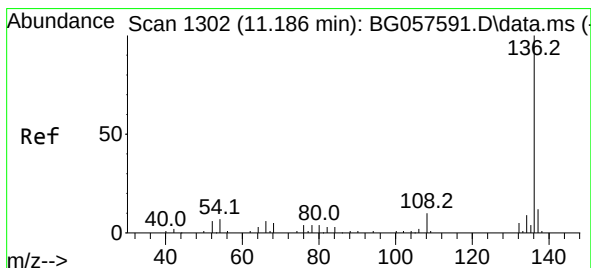
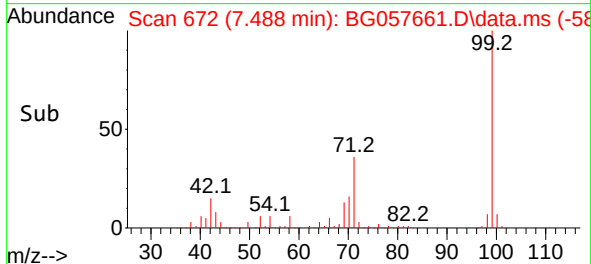
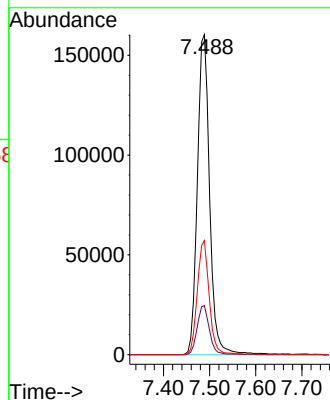
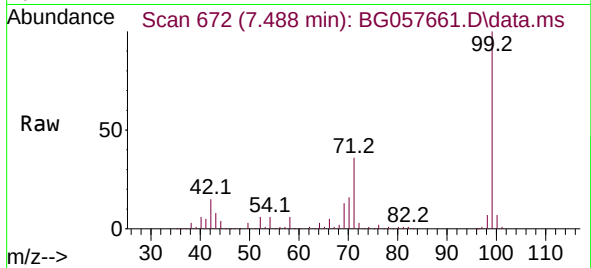




#7  
Phenol-d6  
Concen: 150.574 ng  
RT: 7.488 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

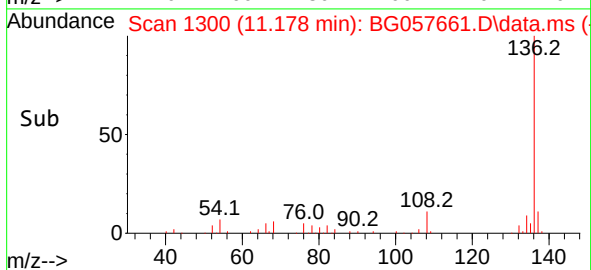
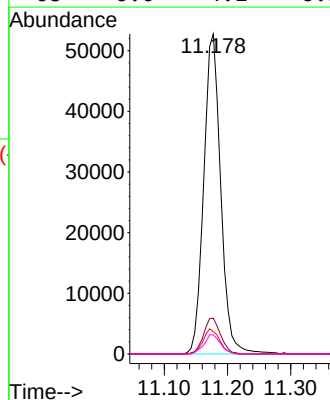
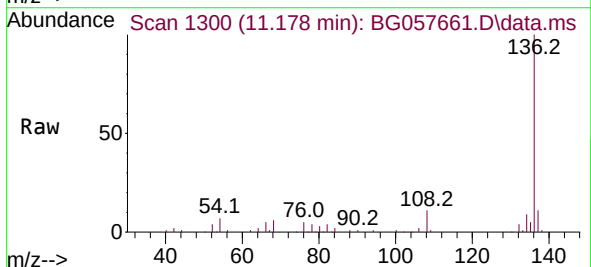
Instrument :  
BNA\_G  
ClientSampleId :  
PB153087TB

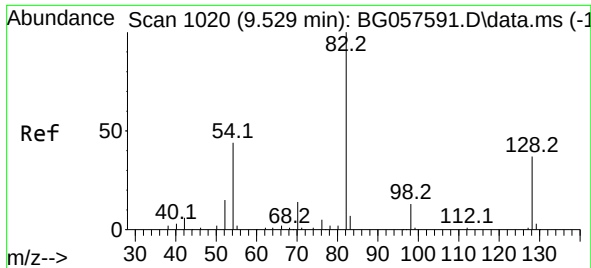
Tgt Ion: 99 Resp: 295897  
Ion Ratio Lower Upper  
99 100  
42 15.3 12.8 19.2  
71 35.6 30.3 45.5



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.178 min Scan# 1300  
Delta R.T. 0.001 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

Tgt Ion: 136 Resp: 98576  
Ion Ratio Lower Upper  
136 100  
137 11.2 9.8 14.8  
54 7.0 5.8 8.6  
68 6.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 64.873 ng

RT: 9.521 min Scan# 1020

Delta R.T. 0.001 min

Lab File: BG057661.D

Acq: 7 Jun 2023 8:01

Instrument :

BNA\_G

ClientSampleId :

PB153087TB

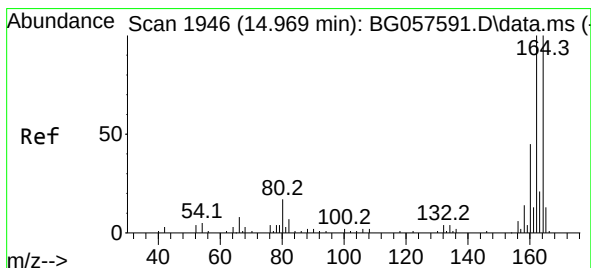
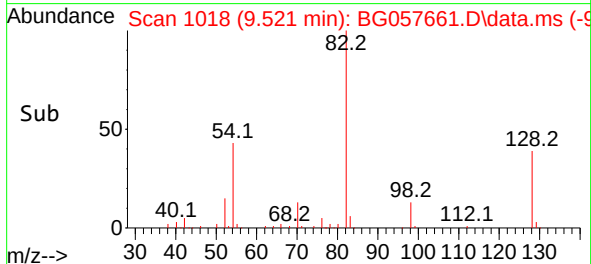
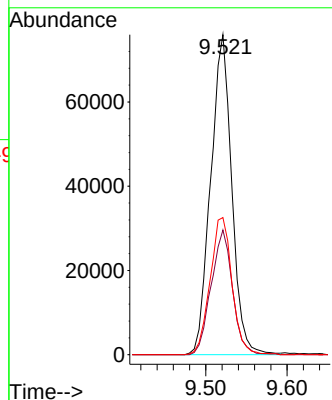
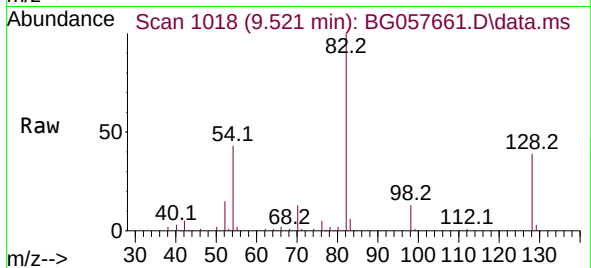
Tgt Ion: 82 Resp: 136802

Ion Ratio Lower Upper

82 100

128 39.0 30.0 45.0

54 42.8 35.2 52.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.955 min Scan# 1943

Delta R.T. -0.005 min

Lab File: BG057661.D

Acq: 7 Jun 2023 8:01

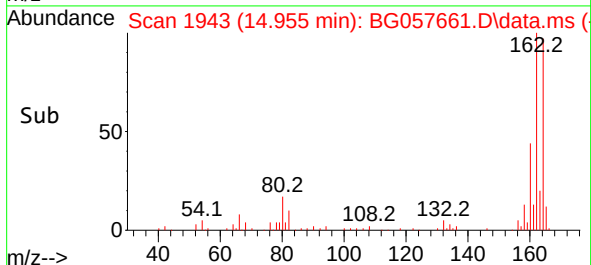
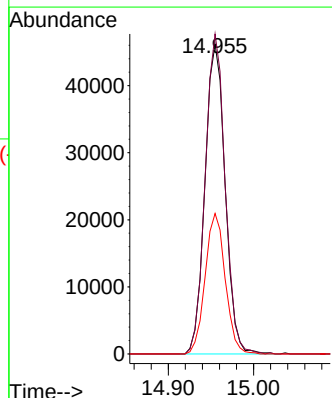
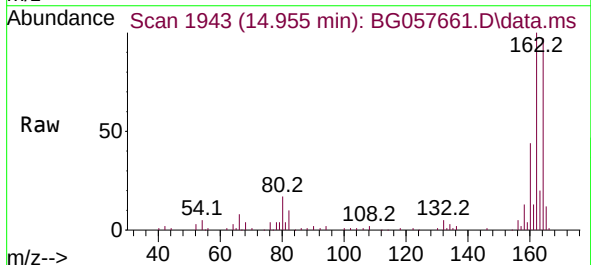
Tgt Ion:164 Resp: 75846

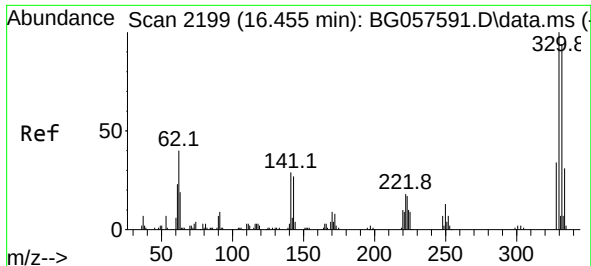
Ion Ratio Lower Upper

164 100

162 103.3 80.1 120.1

160 45.3 35.9 53.9

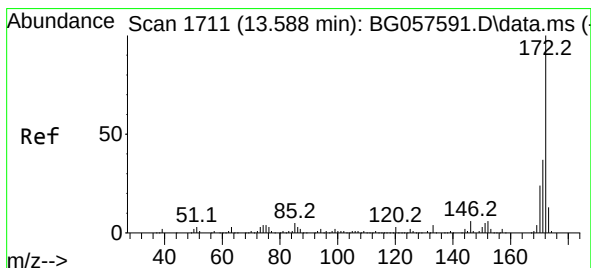
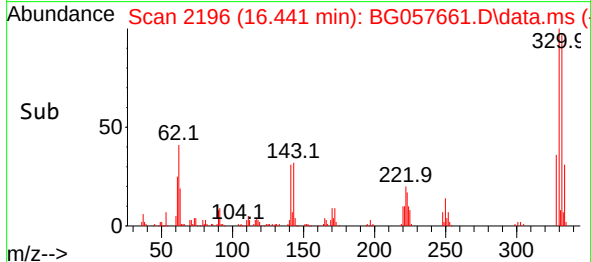
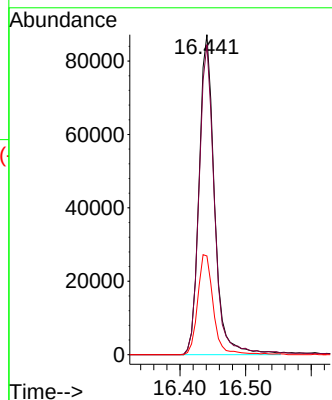
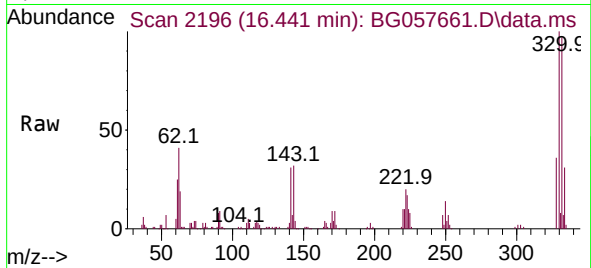




#42  
2,4,6-Tribromophenol  
Concen: 117.530 ng  
RT: 16.441 min Scan# 2199  
Delta R.T. -0.005 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

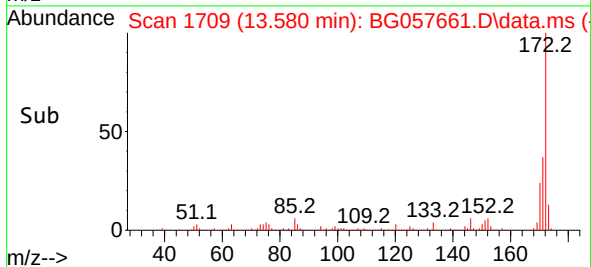
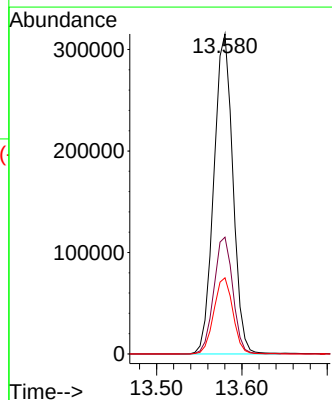
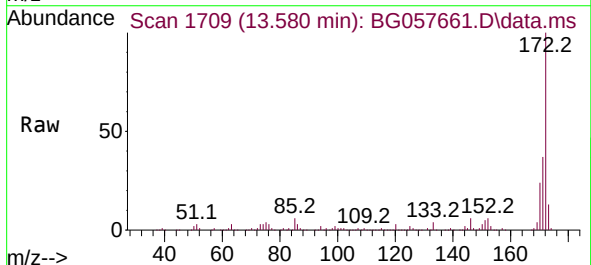
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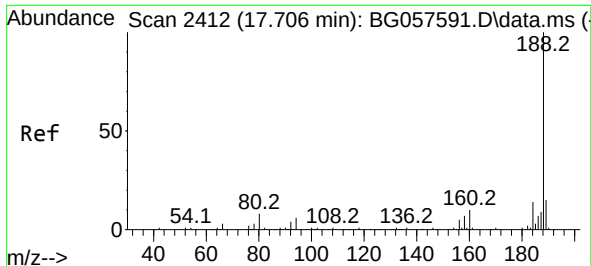
Tgt Ion:330 Resp: 142718  
Ion Ratio Lower Upper  
330 100  
332 96.2 77.3 115.9  
141 31.7 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 92.312 ng  
RT: 13.580 min Scan# 1709  
Delta R.T. 0.001 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

Tgt Ion:172 Resp: 487189  
Ion Ratio Lower Upper  
172 100  
171 36.5 29.2 43.8  
170 23.8 19.0 28.4

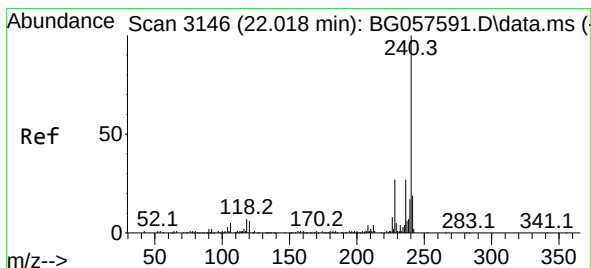
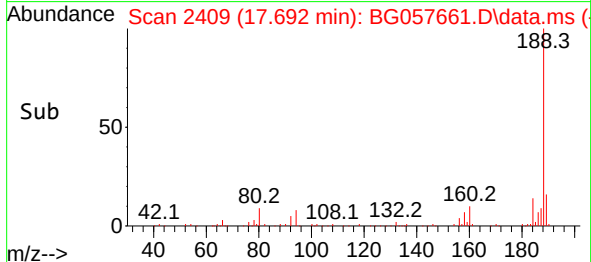
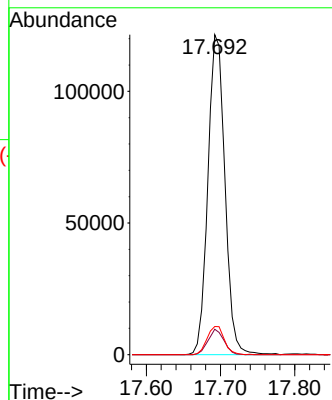
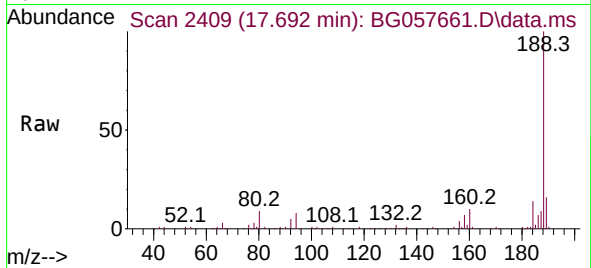




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.692 min Scan# 2412  
Delta R.T. -0.005 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

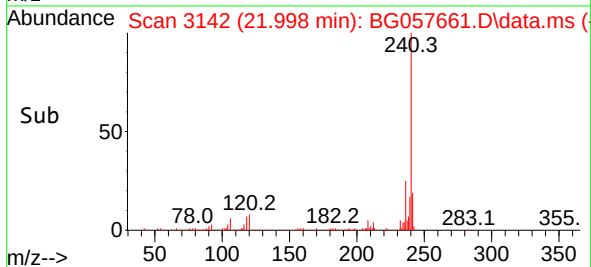
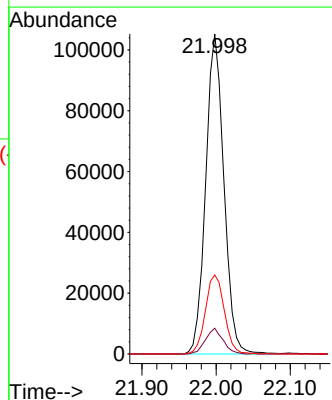
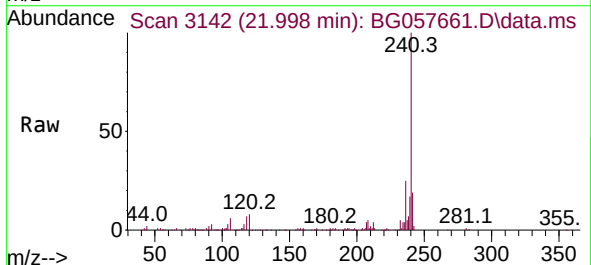
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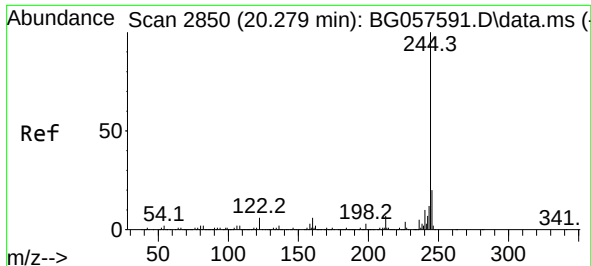
Tgt Ion:188 Resp: 193667  
Ion Ratio Lower Upper  
188 100  
94 8.0 5.2 7.8#  
80 8.8 6.7 10.1



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.998 min Scan# 3142  
Delta R.T. -0.005 min  
Lab File: BG057661.D  
Acq: 7 Jun 2023 8:01

Tgt Ion:240 Resp: 179579  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.2 7.8#  
236 24.7 21.4 32.0

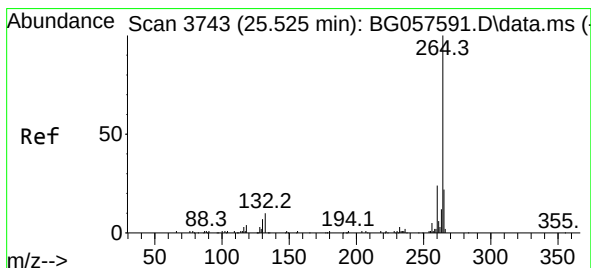
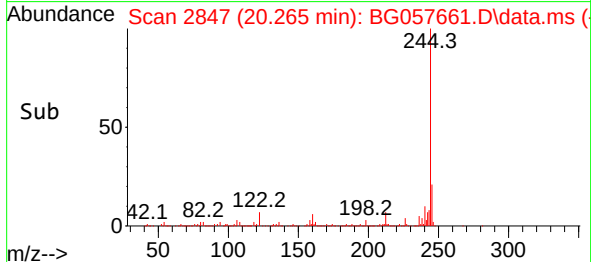
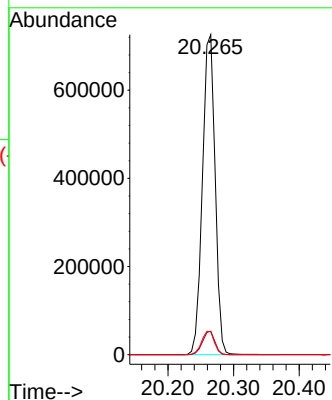
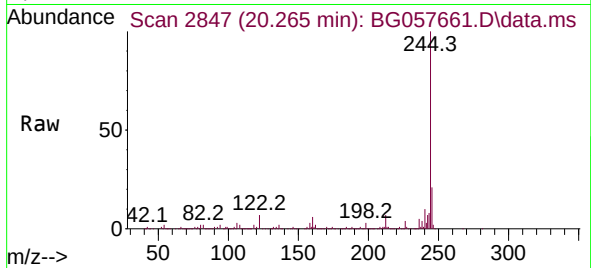




#79  
 Terphenyl-d14  
 Concen: 94.281 ng  
 RT: 20.265 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG057661.D  
 Acq: 7 Jun 2023 8:01

Instrument :  
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Tgt Ion:244 Resp: 977410  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.6 8.4  
 122 7.2 4.8 7.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.488 min Scan# 3736  
 Delta R.T. -0.011 min  
 Lab File: BG057661.D  
 Acq: 7 Jun 2023 8:01

Tgt Ion:264 Resp: 191466  
 Ion Ratio Lower Upper  
 264 100  
 260 22.8 19.1 28.7  
 265 20.3 17.7 26.5

