

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122922\  
 Data File : BG056162.D  
 Acq On : 29 Dec 2022 20:18  
 Operator : CG/JU  
 Sample : N6231-02  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-3S

Quant Time: Dec 30 04:08:17 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG122722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 28 05:20:14 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.338  | 152  | 45124    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.164 | 136  | 151637   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.942 | 164  | 125602   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.680 | 188  | 346096   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.975 | 240  | 353518   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.424 | 264  | 375265   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.859  | 112  | 339559   | 134.359 | ng    | 0.00     |
| 7) Phenol-d6                | 7.469  | 99   | 431405   | 111.154 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.507  | 82   | 281685   | 95.021  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.423 | 330  | 221168   | 139.036 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.573 | 172  | 849197   | 93.363  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.254 | 244  | 1855440  | 94.003  | ng    | 0.00     |

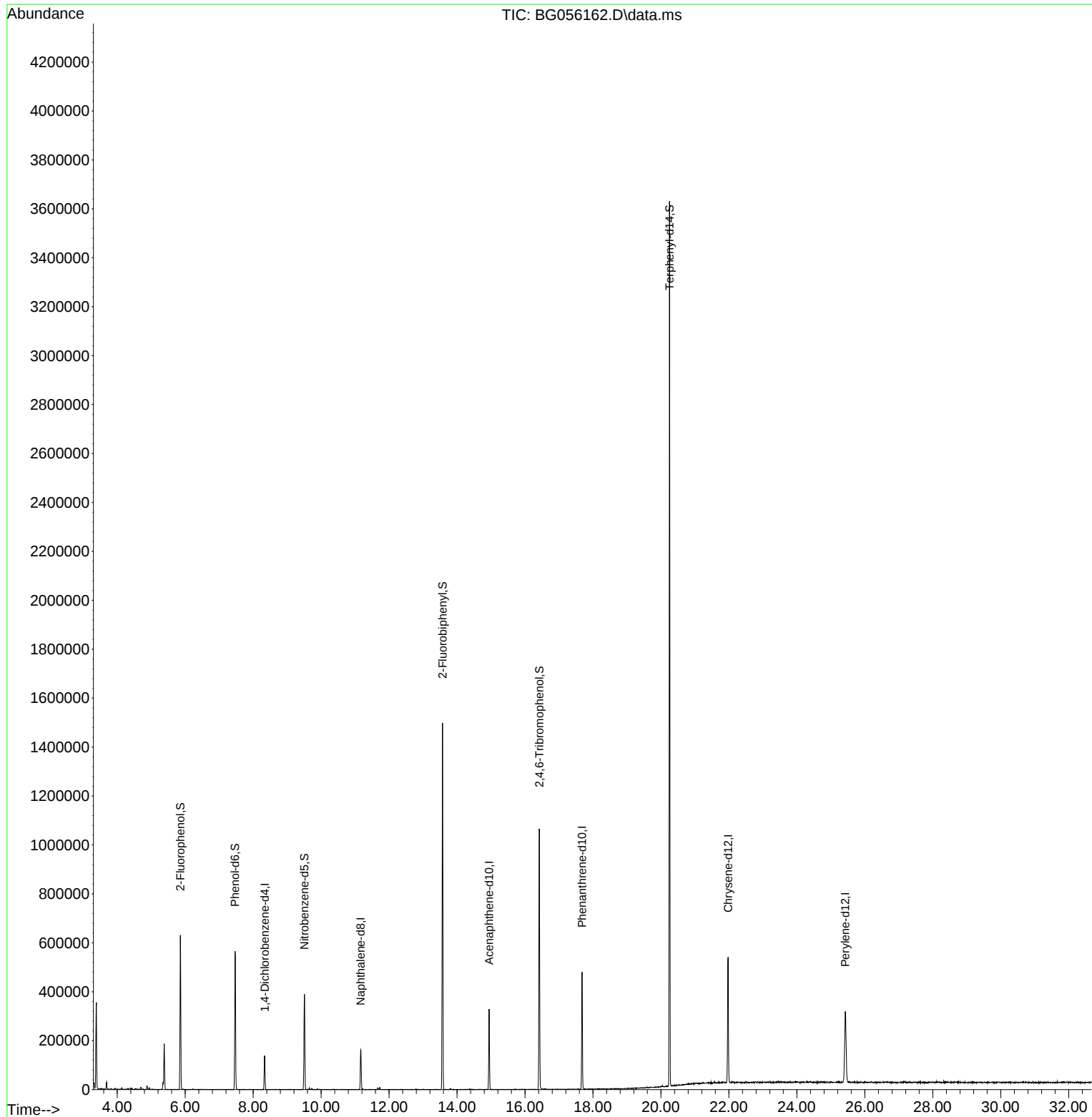
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

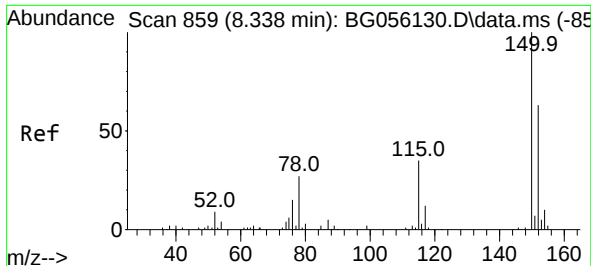
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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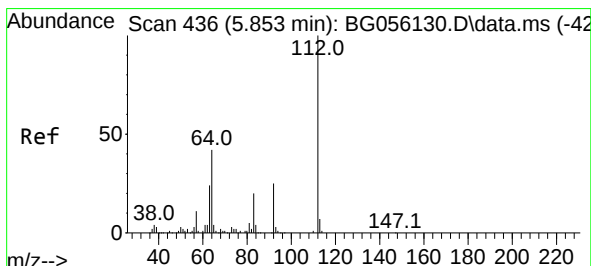
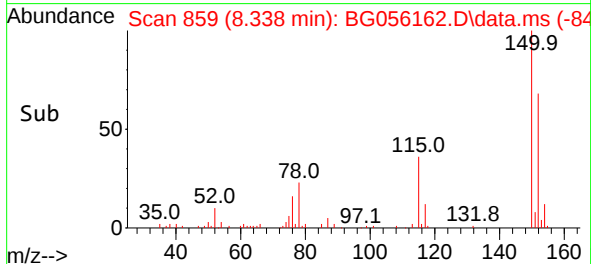
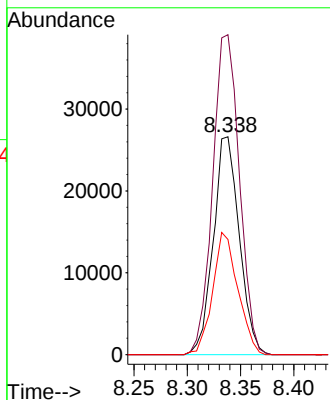
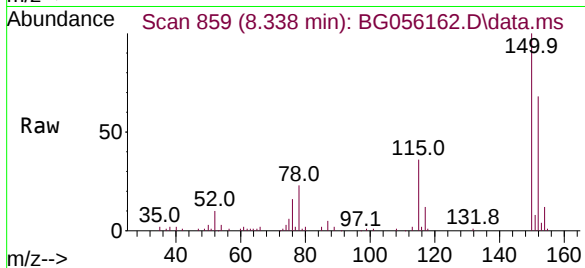




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.338 min Scan# 859  
Delta R.T. 0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

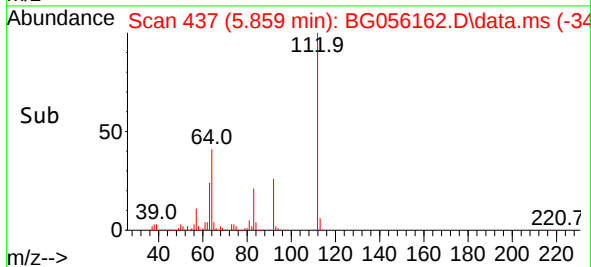
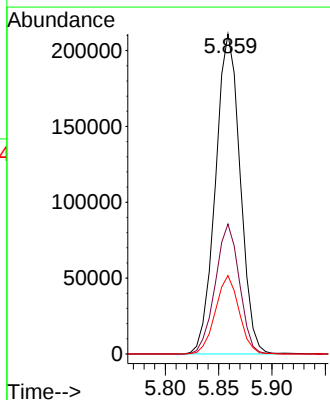
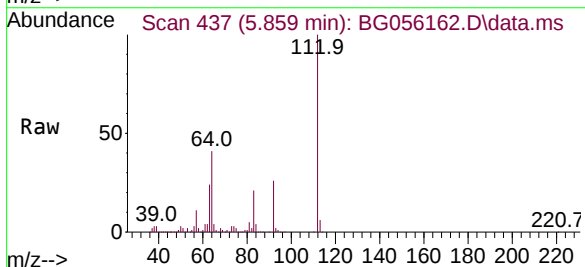
Instrument :  
BNA\_G  
ClientSampleId :  
TP-3S

Tgt Ion:152 Resp: 45124  
Ion Ratio Lower Upper  
152 100  
150 146.9 127.9 191.9  
115 52.9 44.2 66.2



#5  
2-Fluorophenol  
Concen: 134.359 ng  
RT: 5.859 min Scan# 437  
Delta R.T. 0.006 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

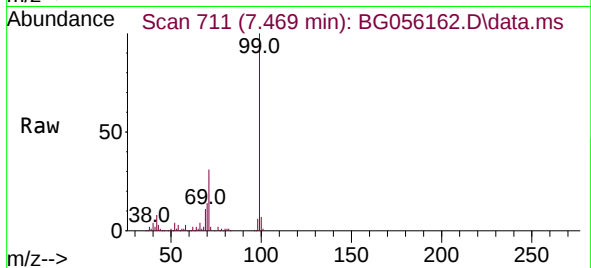
Tgt Ion:112 Resp: 339559  
Ion Ratio Lower Upper  
112 100  
64 40.6 33.3 49.9  
63 24.5 19.0 28.4



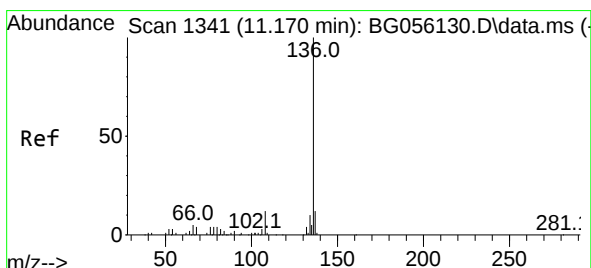
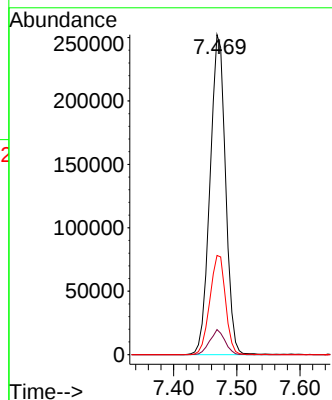
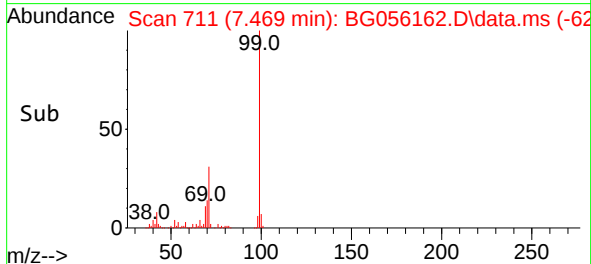


#7  
Phenol-d6  
Concen: 111.154 ng  
RT: 7.469 min Scan# 711  
Delta R.T. -0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

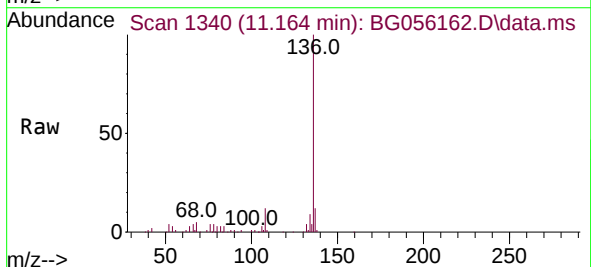
Instrument :  
BNA\_G  
ClientSampleId :  
TP-3S



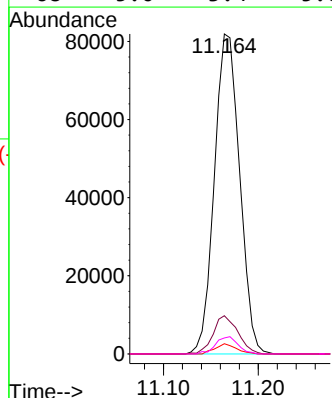
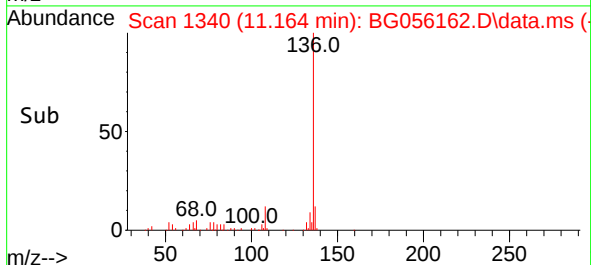
Tgt Ion: 99 Resp: 431405  
Ion Ratio Lower Upper  
99 100  
42 7.8 5.9 8.9  
71 31.0 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.164 min Scan# 1340  
Delta R.T. -0.006 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18



Tgt Ion: 136 Resp: 151637  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.4 14.0  
54 3.2 2.2 3.2  
68 5.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 95.021 ng

RT: 9.507 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

Instrument :

BNA\_G

ClientSampleId :

TP-3S

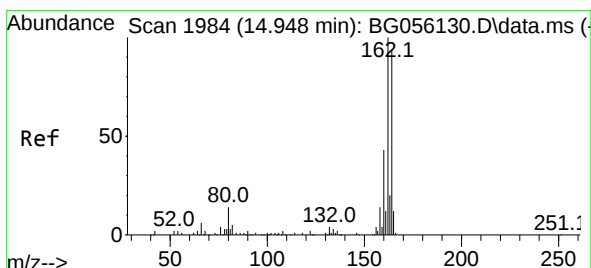
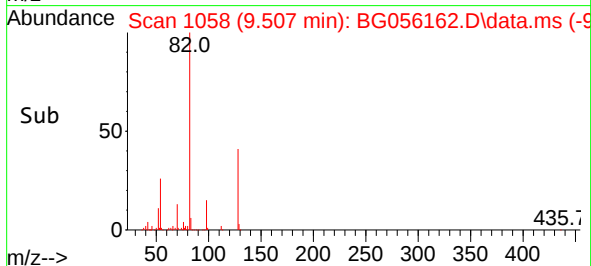
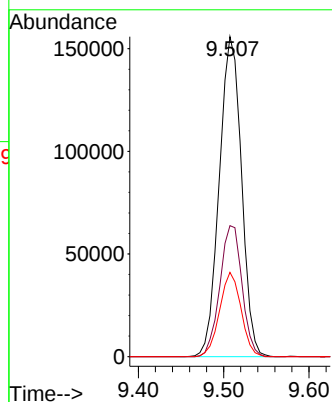
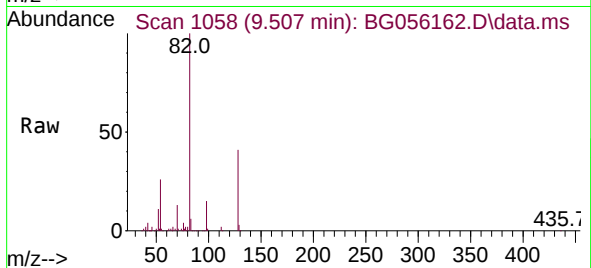
Tgt Ion: 82 Resp: 281685

Ion Ratio Lower Upper

82 100

128 41.0 33.4 50.2

54 26.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.942 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BG056162.D

Acq: 29 Dec 2022 20:18

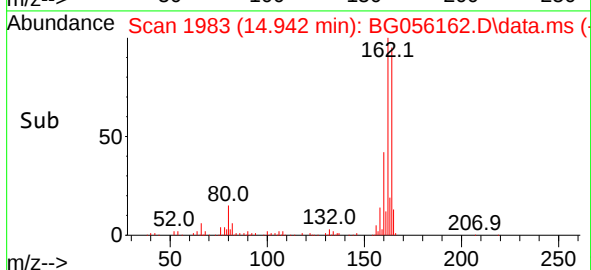
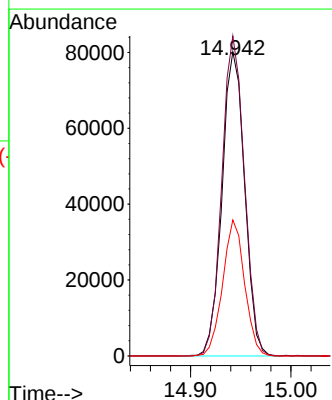
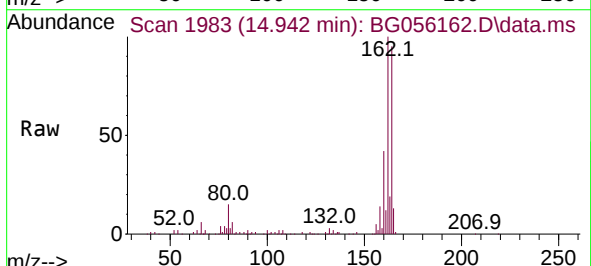
Tgt Ion:164 Resp: 125602

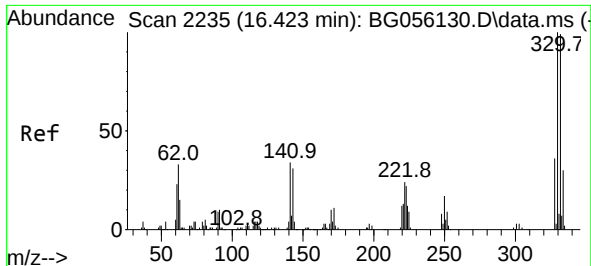
Ion Ratio Lower Upper

164 100

162 105.2 84.7 127.1

160 44.7 36.3 54.5

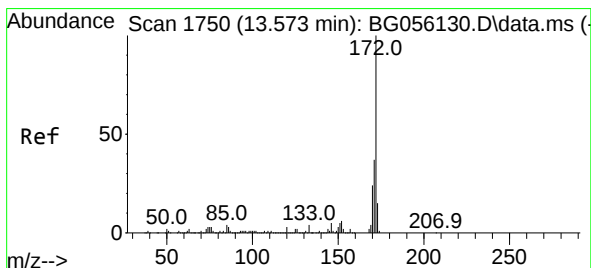
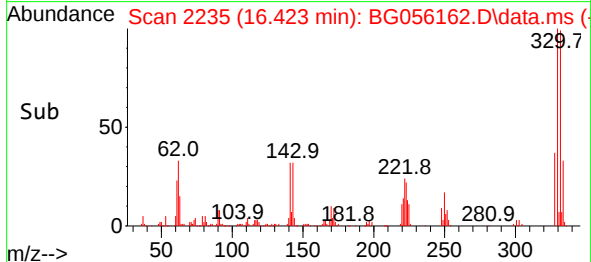
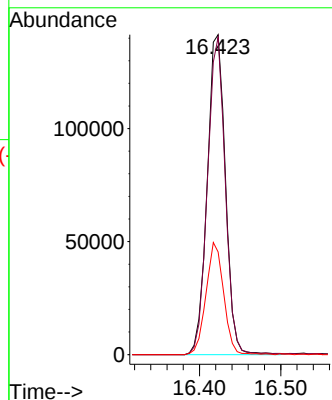
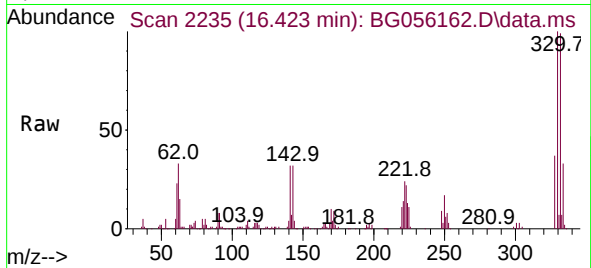




#42  
2,4,6-Tribromophenol  
Concen: 139.036 ng  
RT: 16.423 min Scan# 2235  
Delta R.T. 0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

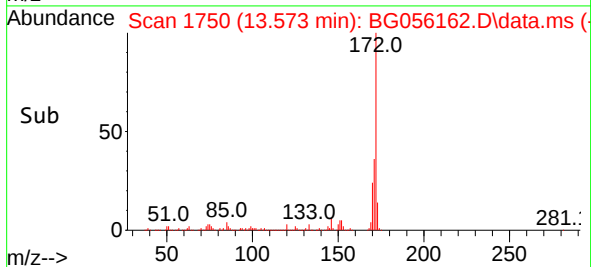
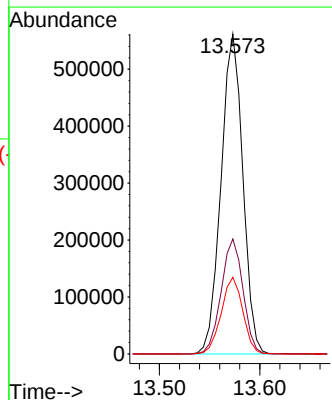
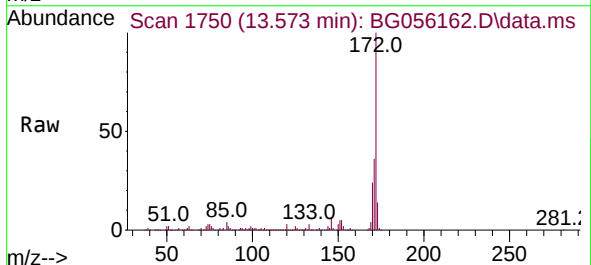
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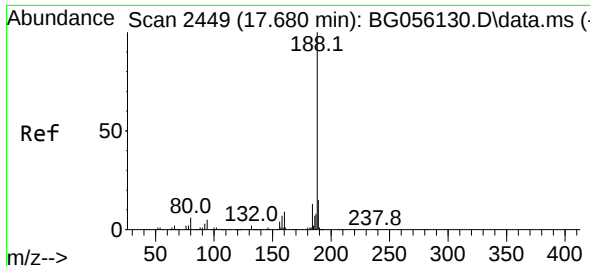
Tgt Ion:330 Resp: 221168  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 33.9 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 93.363 ng  
RT: 13.573 min Scan# 1750  
Delta R.T. -0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

Tgt Ion:172 Resp: 849197  
Ion Ratio Lower Upper  
172 100  
171 35.9 29.6 44.4  
170 23.9 19.4 29.2

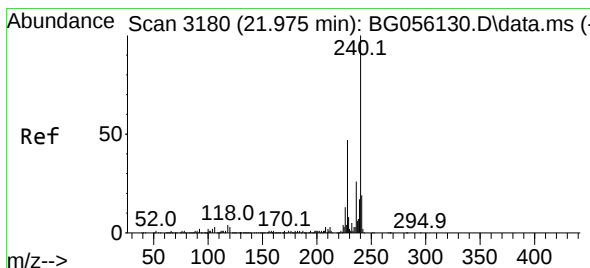
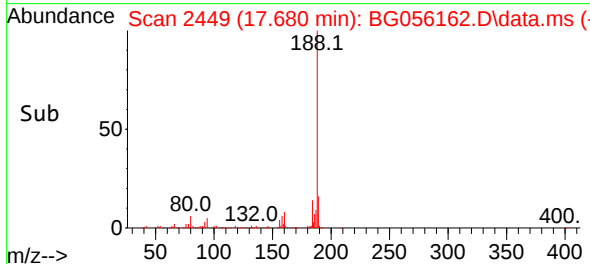
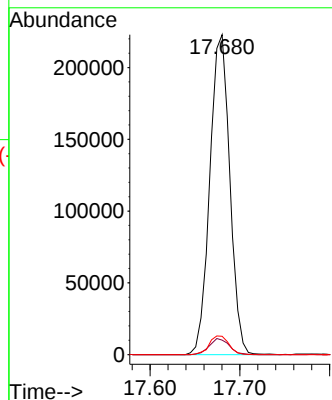
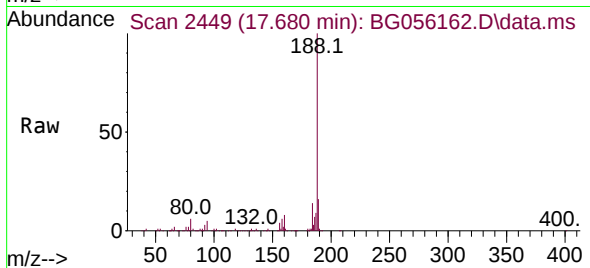




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.680 min Scan# 2449  
Delta R.T. 0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

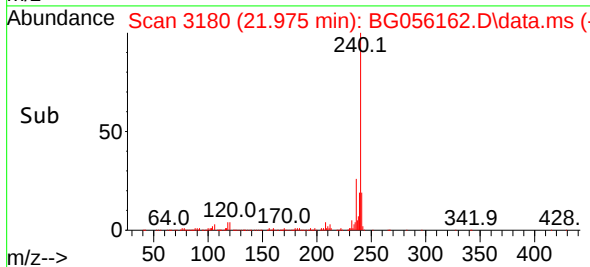
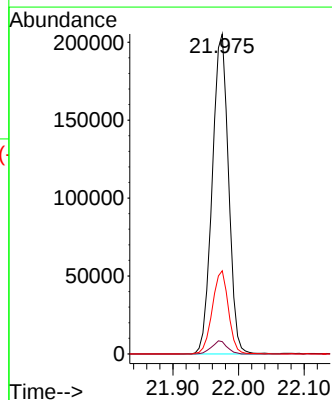
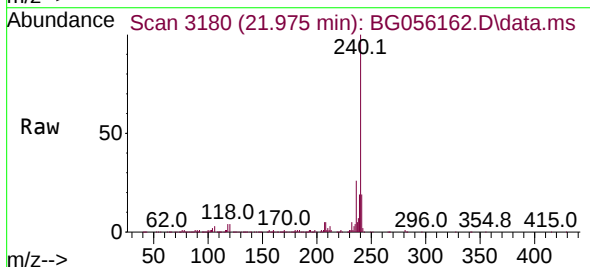
Instrument :  
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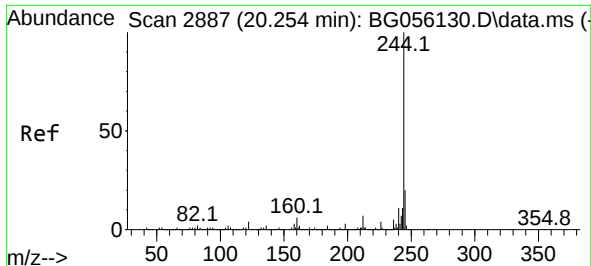
Tgt Ion:188 Resp: 346096  
Ion Ratio Lower Upper  
188 100  
94 4.5 4.2 6.2  
80 5.7 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.975 min Scan# 3180  
Delta R.T. 0.000 min  
Lab File: BG056162.D  
Acq: 29 Dec 2022 20:18

Tgt Ion:240 Resp: 353518  
Ion Ratio Lower Upper  
240 100  
120 3.8 2.6 4.0  
236 26.0 20.8 31.2

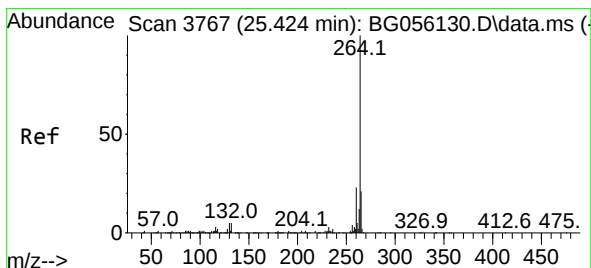
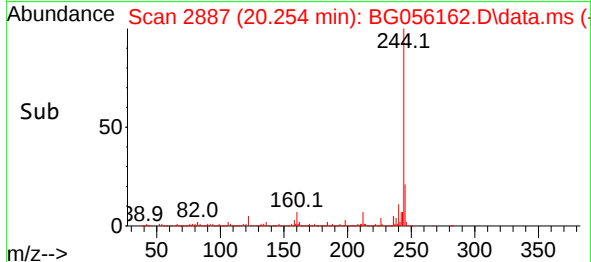
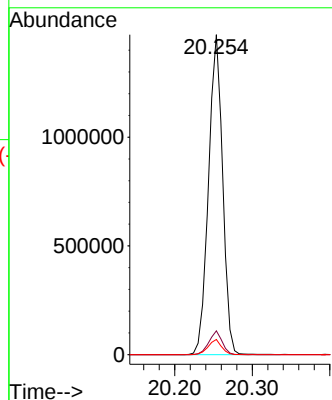
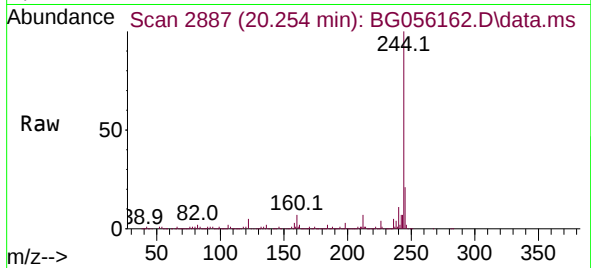




#79  
 Terphenyl-d14  
 Concen: 94.003 ng  
 RT: 20.254 min Scan# 2887  
 Delta R.T. -0.000 min  
 Lab File: BG056162.D  
 Acq: 29 Dec 2022 20:18

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-3S

Tgt Ion:244 Resp: 1855440  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.7 8.5  
 122 4.7 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.424 min Scan# 3767  
 Delta R.T. 0.000 min  
 Lab File: BG056162.D  
 Acq: 29 Dec 2022 20:18

Tgt Ion:264 Resp: 375265  
 Ion Ratio Lower Upper  
 264 100  
 260 23.0 18.6 28.0  
 265 21.1 16.7 25.1

