

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122822\  
 Data File : BG056143.D  
 Acq On : 28 Dec 2022 17:07  
 Operator : CG/JU  
 Sample : N6212-02  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1

Quant Time: Dec 29 03:39:01 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   | 8.335  | 152  | 43911    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.167 | 136  | 154940   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.939 | 164  | 121967   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.677 | 188  | 327888   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.972 | 240  | 377272   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.427 | 264  | 416324   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.856  | 112  | 358518   | 145.780 | ng    | 0.00     |
| 7) Phenol-d6                | 7.472  | 99   | 455525   | 120.611 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.505  | 82   | 281889   | 93.062  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.420 | 330  | 236330   | 152.995 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.570 | 172  | 854642   | 96.762  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.251 | 244  | 1997563  | 94.832  | ng    | 0.00     |

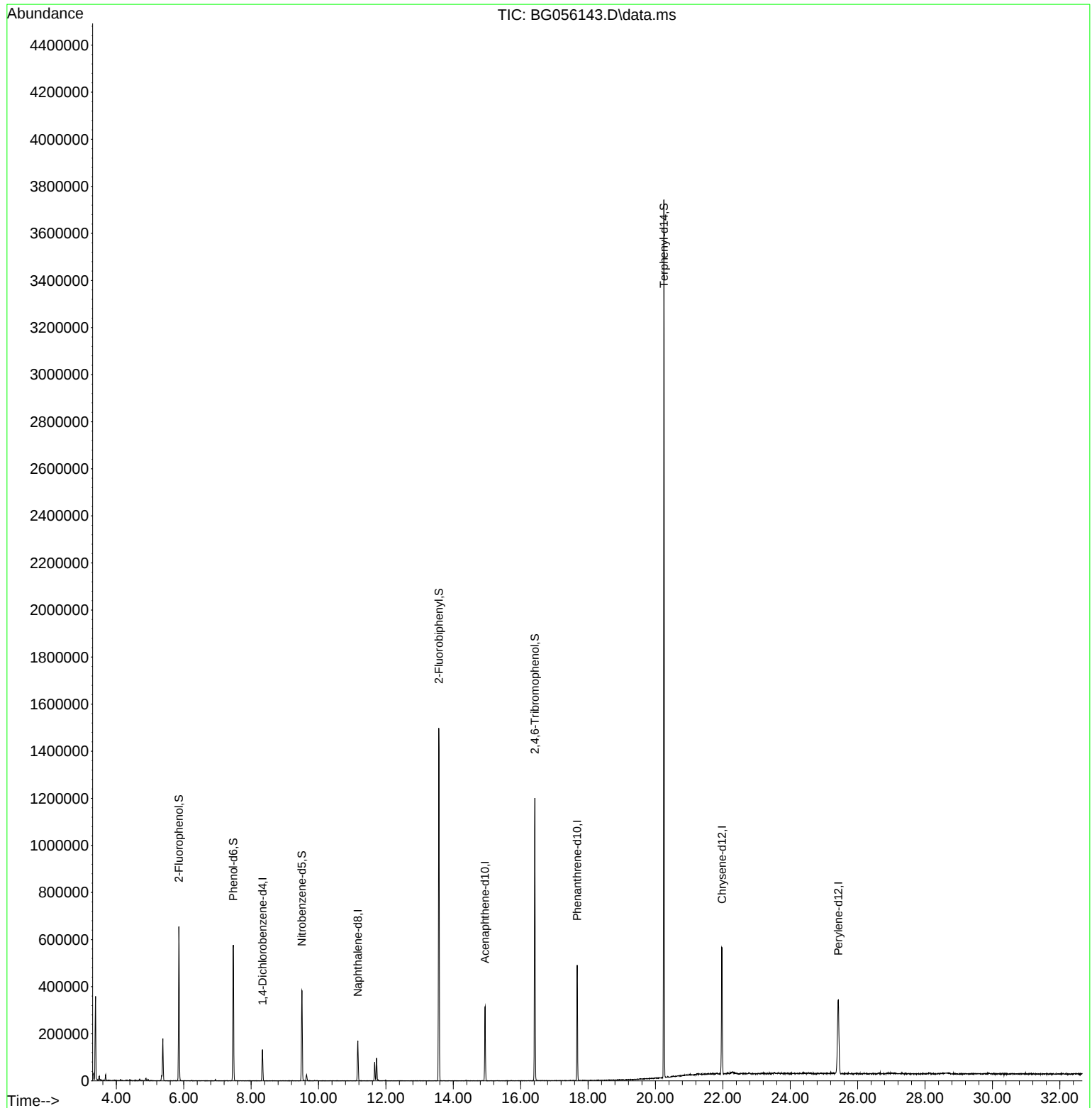
Target Compounds Qvalue

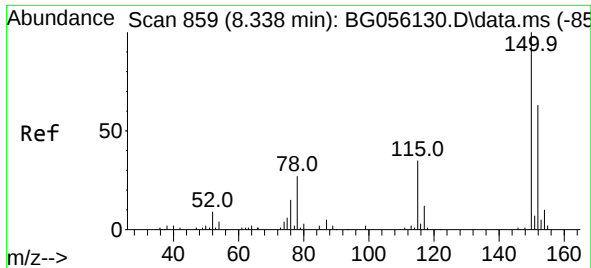
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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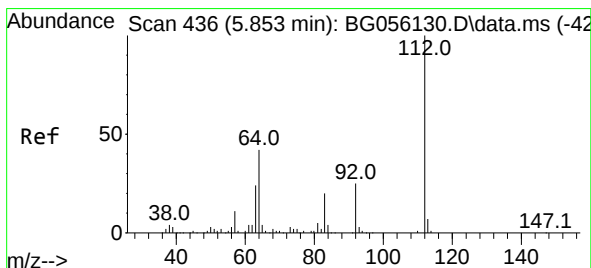
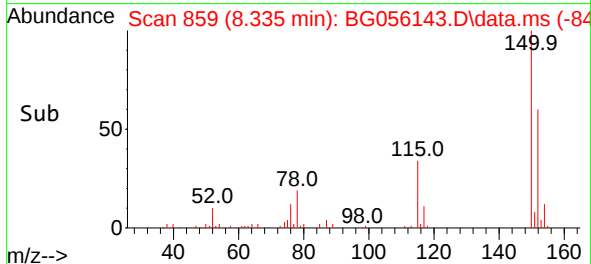
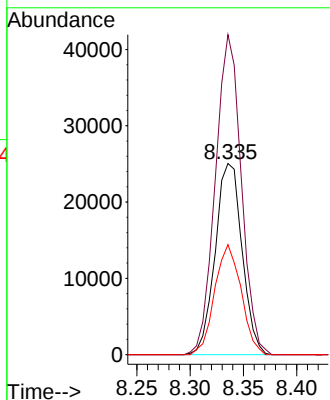
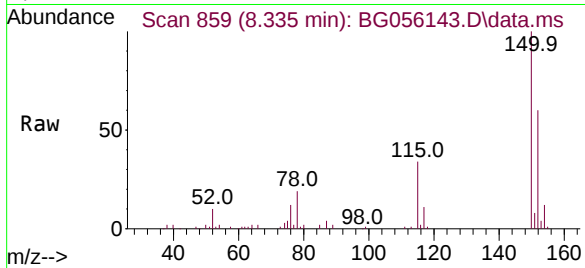




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.335 min Scan# 81  
 Delta R.T. -0.003 min  
 Lab File: BG056143.D  
 Acq: 28 Dec 2022 17:07

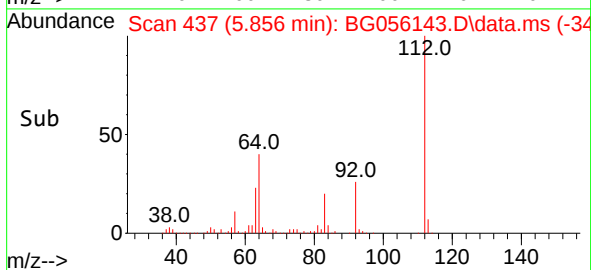
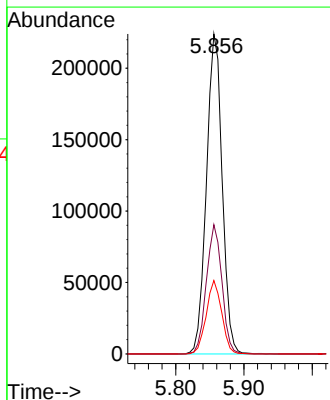
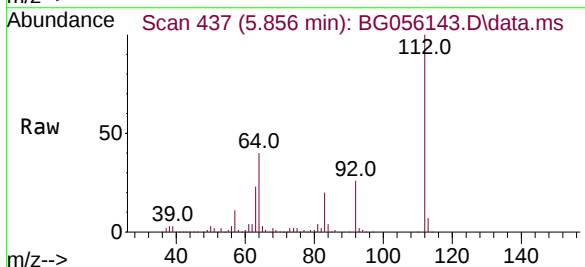
Instrument :  
 BNA\_G  
 ClientSampleId :  
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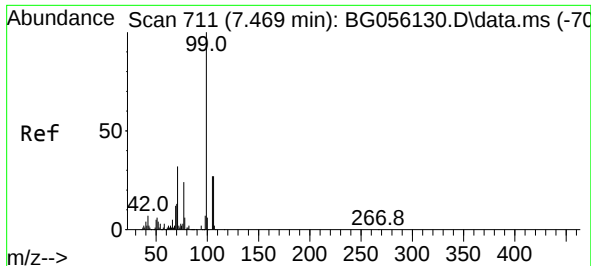
Tgt Ion:152 Resp: 43911  
 Ion Ratio Lower Upper  
 152 100  
 150 167.5 127.9 191.9  
 115 57.6 44.2 66.2



#5  
 2-Fluorophenol  
 Concen: 145.780 ng  
 RT: 5.856 min Scan# 437  
 Delta R.T. 0.003 min  
 Lab File: BG056143.D  
 Acq: 28 Dec 2022 17:07

Tgt Ion:112 Resp: 358518  
 Ion Ratio Lower Upper  
 112 100  
 64 40.4 33.3 49.9  
 63 22.9 19.0 28.4

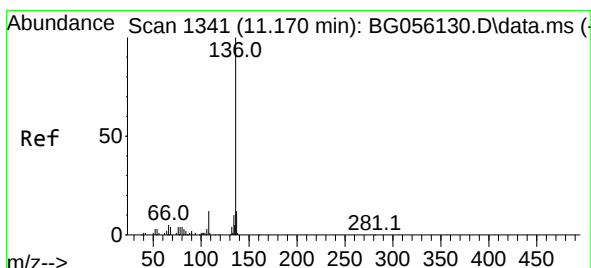
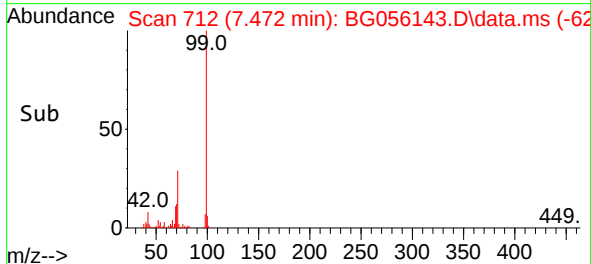
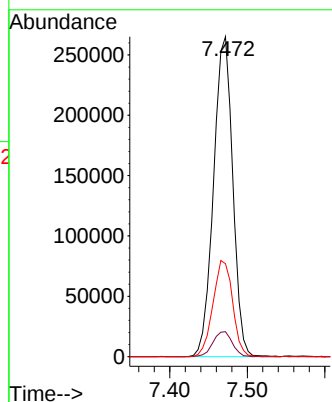
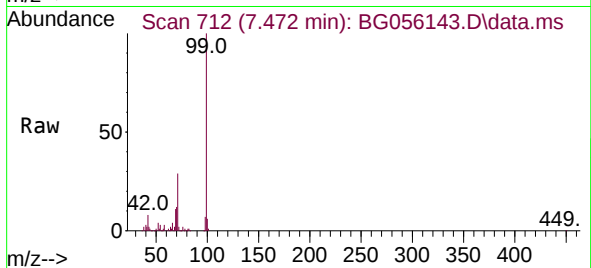




#7  
Phenol-d6  
Concen: 120.611 ng  
RT: 7.472 min Scan# 711  
Delta R.T. 0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

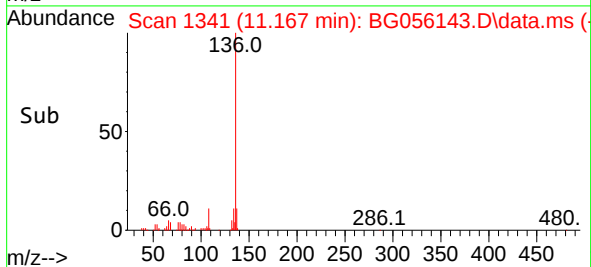
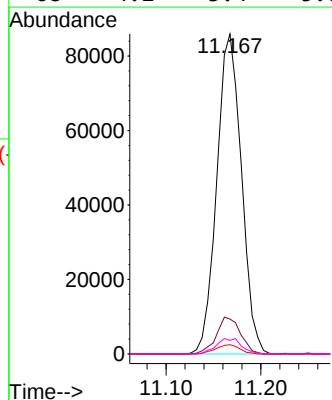
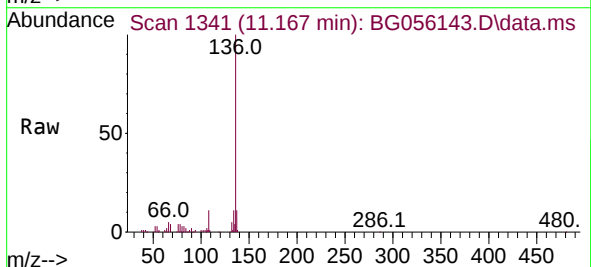
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1

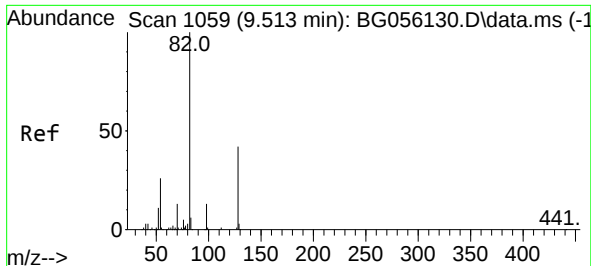
Tgt Ion: 99 Resp: 455525  
Ion Ratio Lower Upper  
99 100  
42 7.8 5.9 8.9  
71 29.0 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.167 min Scan# 1341  
Delta R.T. -0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

Tgt Ion: 136 Resp: 154940  
Ion Ratio Lower Upper  
136 100  
137 10.9 9.4 14.0  
54 2.9 2.2 3.2  
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 93.062 ng

RT: 9.505 min Scan# 1059

Delta R.T. -0.009 min

Lab File: BG056143.D

Acq: 28 Dec 2022 17:07

Instrument :

BNA\_G

ClientSampleId :

TP-1

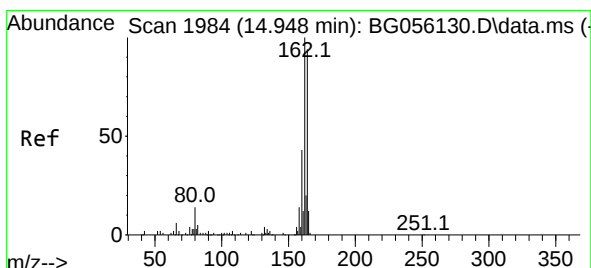
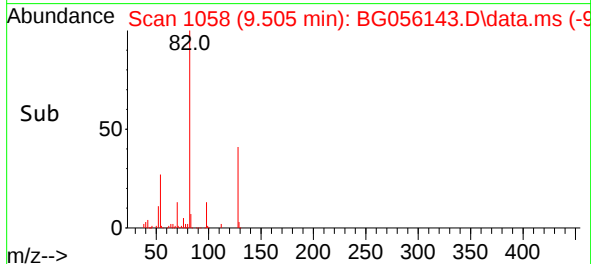
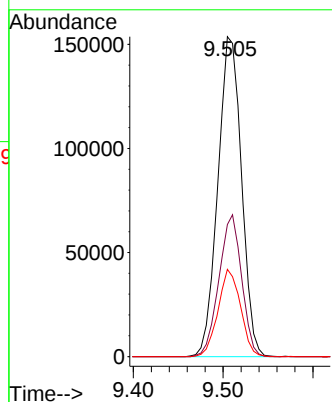
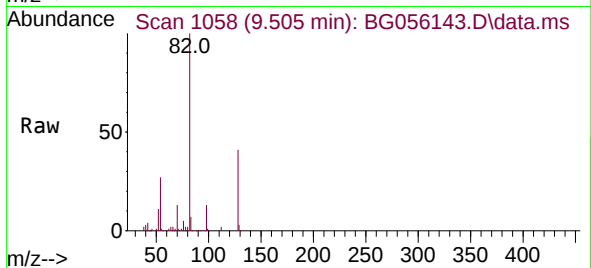
Tgt Ion: 82 Resp: 281889

Ion Ratio Lower Upper

82 100

128 41.3 33.4 50.2

54 27.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.939 min Scan# 1983

Delta R.T. -0.009 min

Lab File: BG056143.D

Acq: 28 Dec 2022 17:07

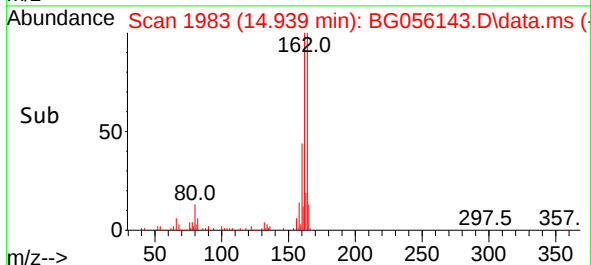
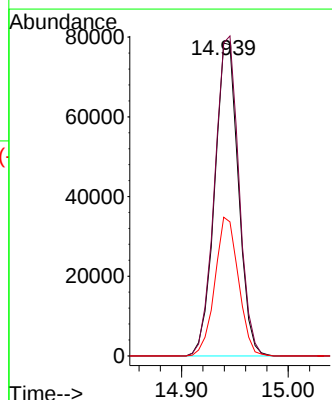
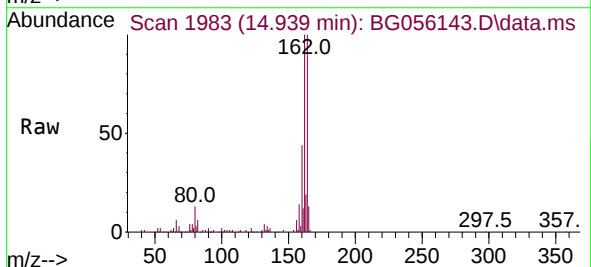
Tgt Ion:164 Resp: 121967

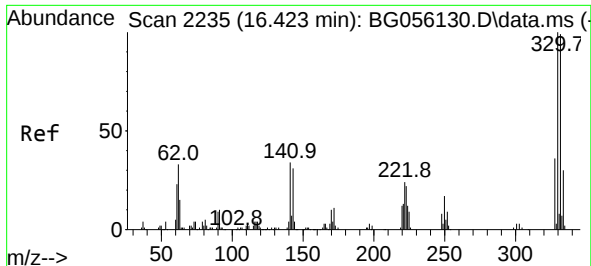
Ion Ratio Lower Upper

164 100

162 100.1 84.7 127.1

160 44.3 36.3 54.5

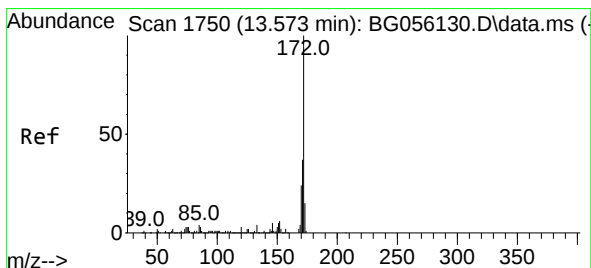
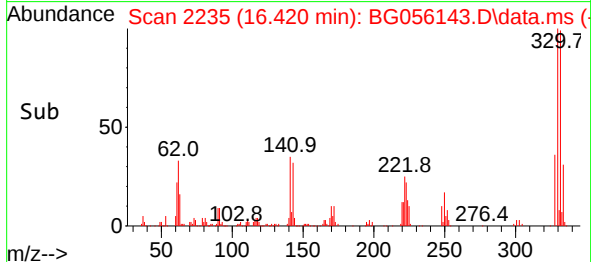
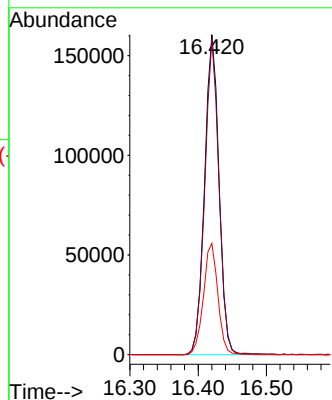
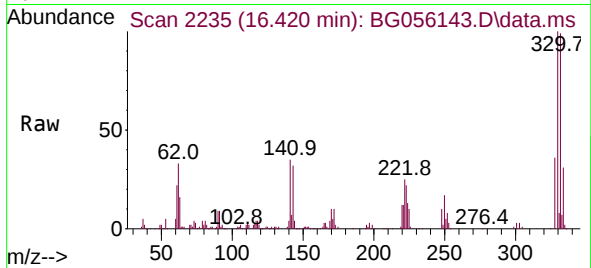




#42  
2,4,6-Tribromophenol  
Concen: 152.995 ng  
RT: 16.420 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

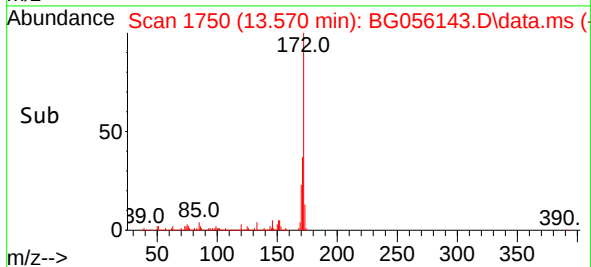
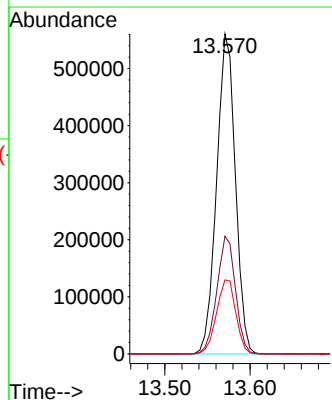
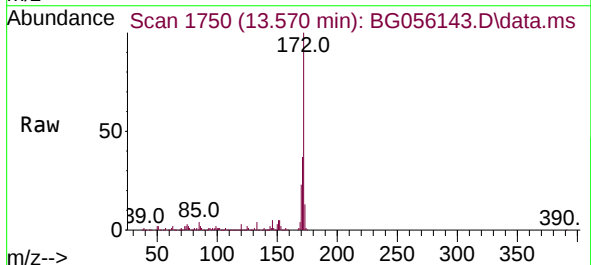
Instrument :  
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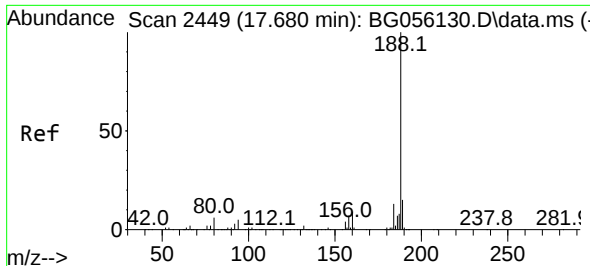
Tgt Ion:330 Resp: 236330  
Ion Ratio Lower Upper  
330 100  
332 96.4 77.3 115.9  
141 34.6 27.9 41.9



#45  
2-Fluorobiphenyl  
Concen: 96.762 ng  
RT: 13.570 min Scan# 1750  
Delta R.T. -0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

Tgt Ion:172 Resp: 854642  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.6 44.4  
170 23.1 19.4 29.2

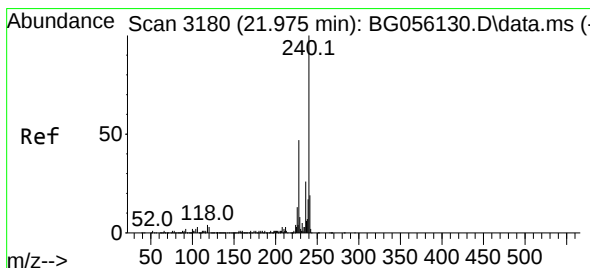
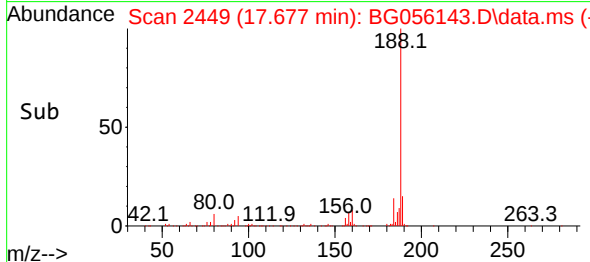
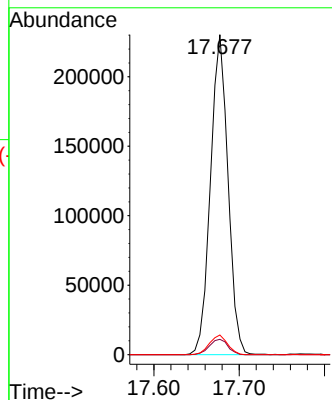
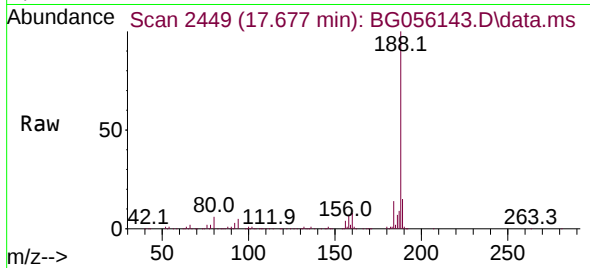




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.677 min Scan# 2449  
Delta R.T. -0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

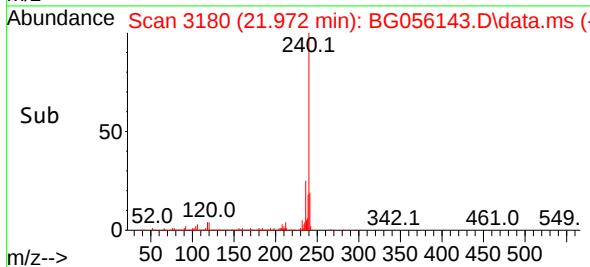
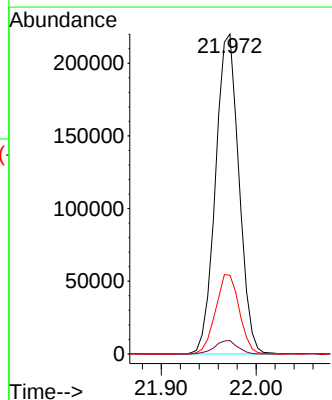
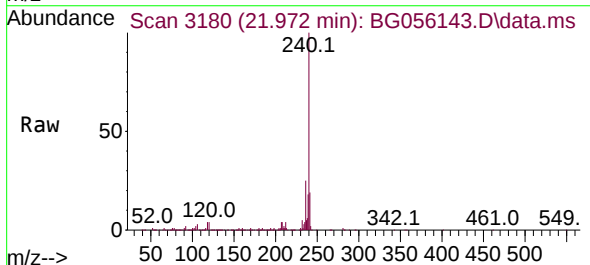
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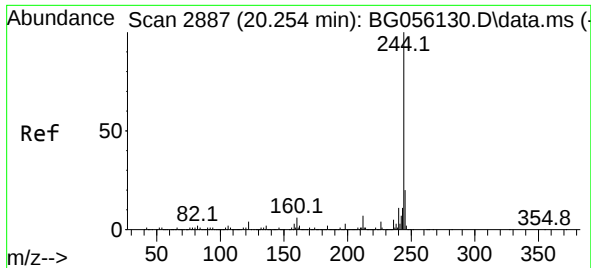
Tgt Ion:188 Resp: 327888  
Ion Ratio Lower Upper  
188 100  
94 4.8 4.2 6.2  
80 6.1 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.972 min Scan# 3180  
Delta R.T. -0.003 min  
Lab File: BG056143.D  
Acq: 28 Dec 2022 17:07

Tgt Ion:240 Resp: 377272  
Ion Ratio Lower Upper  
240 100  
120 4.2 2.6 4.0#  
236 24.6 20.8 31.2

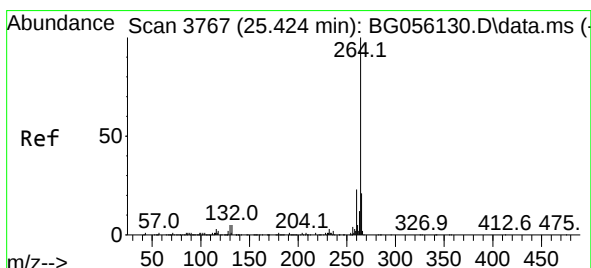
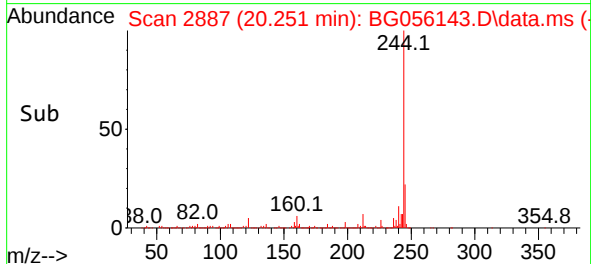
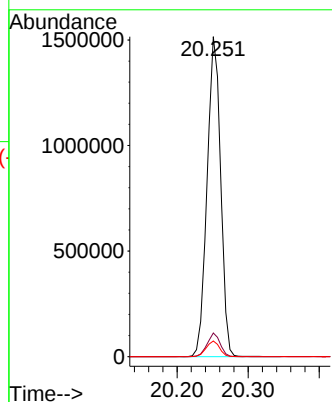
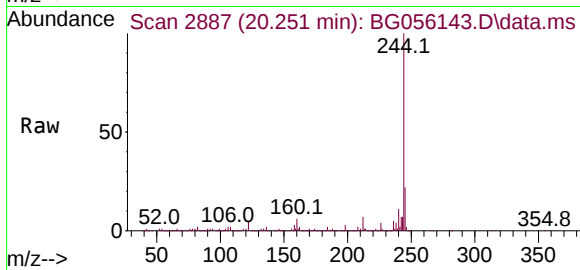




#79  
 Terphenyl-d14  
 Concen: 94.832 ng  
 RT: 20.251 min Scan# 2887  
 Delta R.T. -0.003 min  
 Lab File: BG056143.D  
 Acq: 28 Dec 2022 17:07

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Tgt Ion:244 Resp: 1997563  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.7 8.5  
 122 4.9 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.427 min Scan# 3768  
 Delta R.T. 0.003 min  
 Lab File: BG056143.D  
 Acq: 28 Dec 2022 17:07

Tgt Ion:264 Resp: 416324  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 18.6 28.0  
 265 22.0 16.7 25.1

