

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021523\  
 Data File : BG056643.D  
 Acq On : 15 Feb 2023 22:00  
 Operator : CG/JU  
 Sample : PB150875BL  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB150875BL

Quant Time: Feb 16 01:55:44 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Feb 16 01:33:33 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.437  | 152  | 13352    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.275 | 136  | 53924    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.041 | 164  | 42119    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.773 | 188  | 116439   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 22.085 | 240  | 115293   | 20.000  | ng    | -0.02    |
| 86) Perylene-d12            | 25.634 | 264  | 127593   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.940  | 112  | 128652   | 156.775 | ng    | 0.00     |
| 7) Phenol-d6                | 7.555  | 99   | 178922   | 147.604 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.612  | 82   | 103182   | 97.972  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.515 | 330  | 89249    | 154.769 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.672 | 172  | 293980   | 93.463  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.346 | 244  | 713734   | 101.286 | ng    | 0.00     |

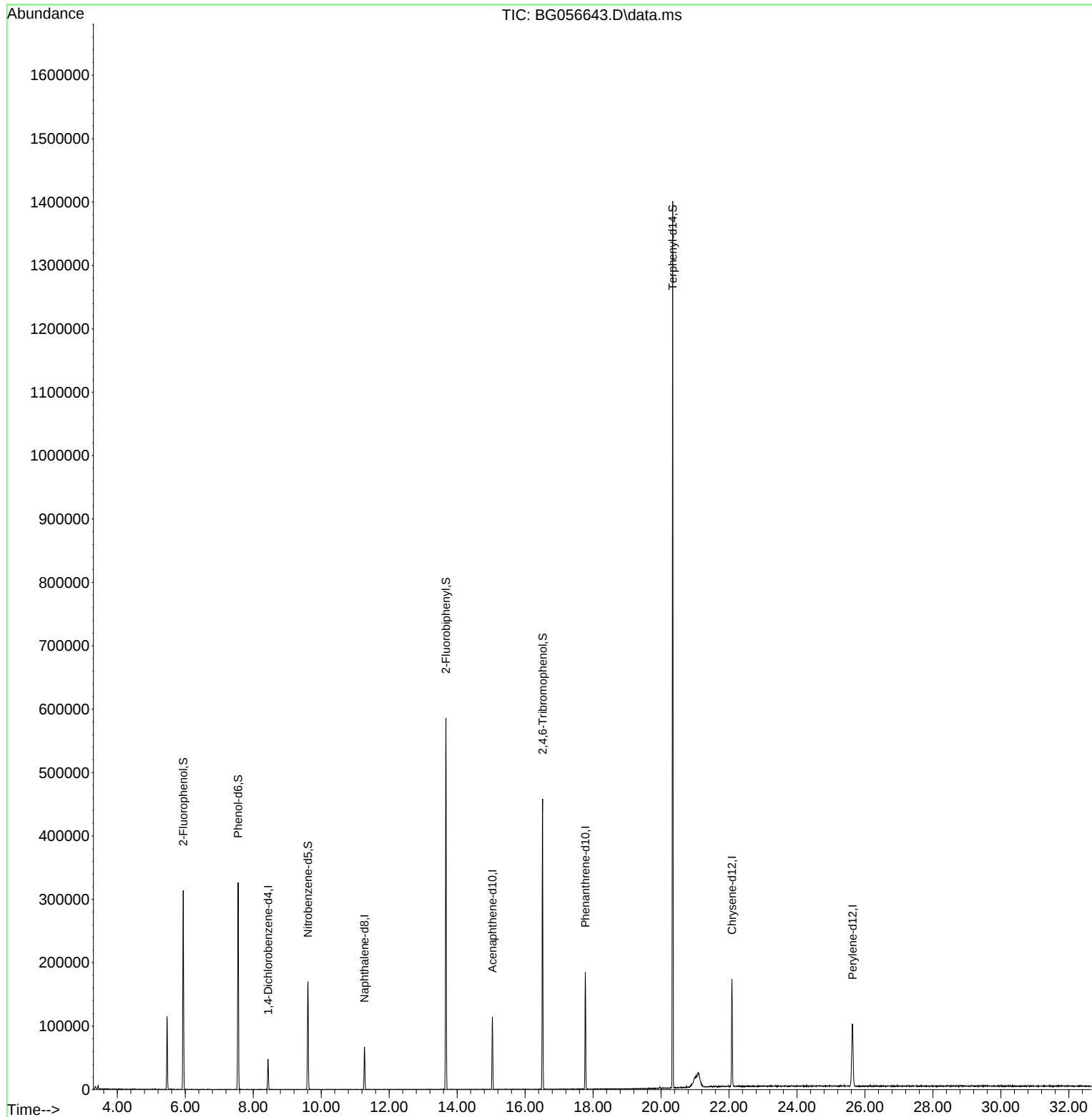
Target Compounds Qvalue

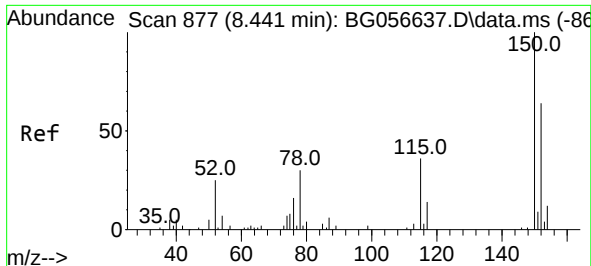
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 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG021523\  
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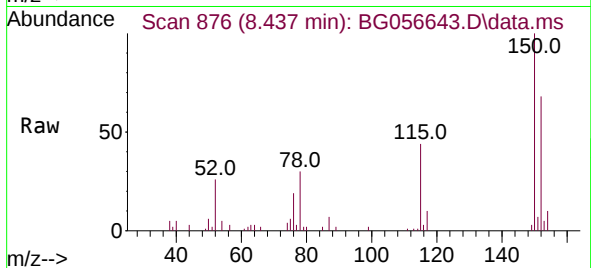
Quant Time: Feb 16 01:55:44 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG021523.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Feb 16 01:33:33 2023  
Response via : Initial Calibration



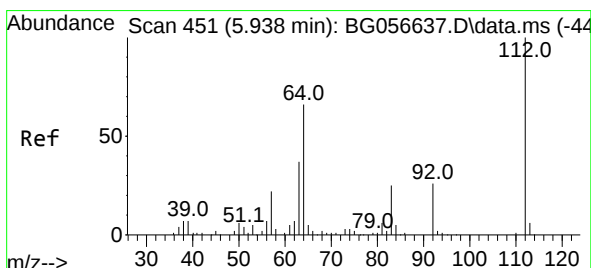
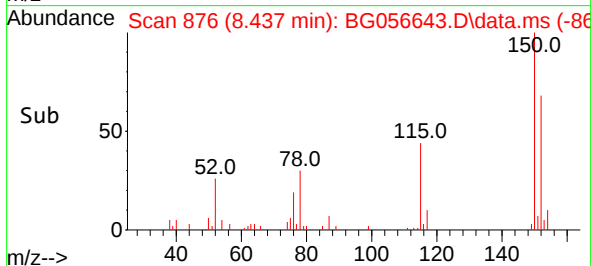
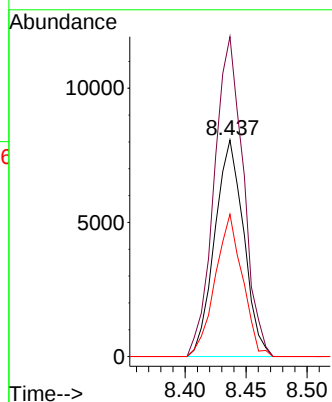


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.437 min Scan# 81  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BL

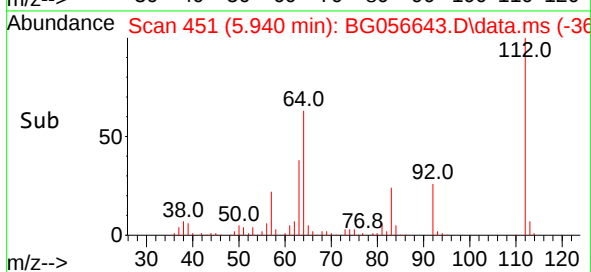
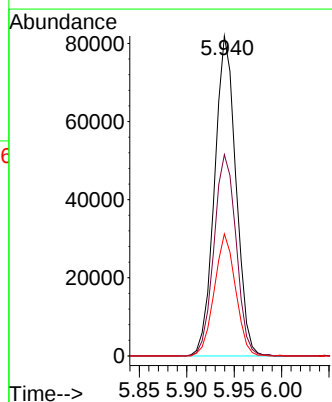
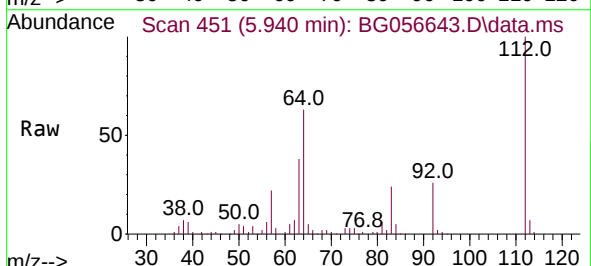


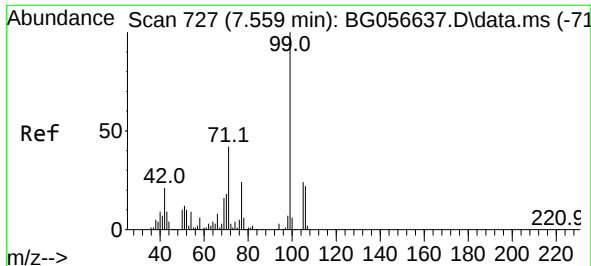
Tgt Ion:152 Resp: 13352  
Ion Ratio Lower Upper  
152 100  
150 147.8 124.8 187.2  
115 65.7 44.7 67.1



#5  
2-Fluorophenol  
Concen: 156.775 ng  
RT: 5.940 min Scan# 451  
Delta R.T. 0.002 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Tgt Ion:112 Resp: 128652  
Ion Ratio Lower Upper  
112 100  
64 62.9 52.6 78.8  
63 38.1 29.8 44.6

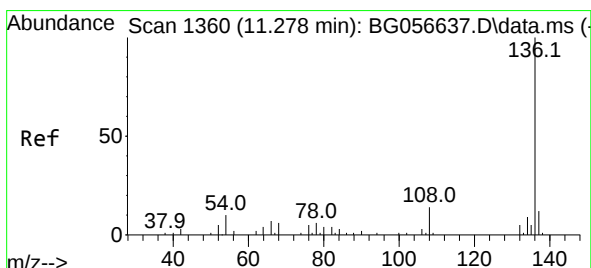
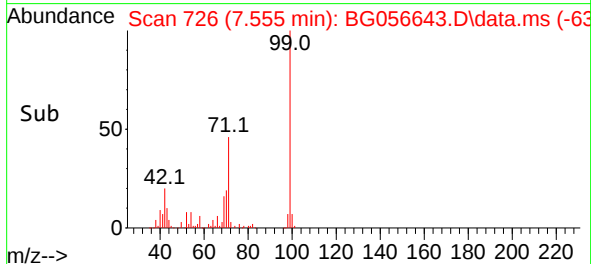
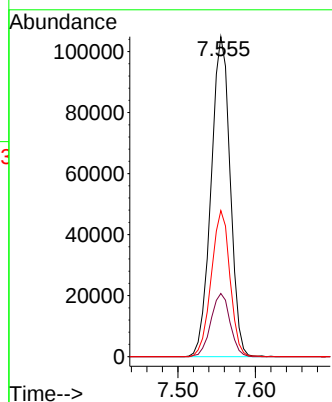
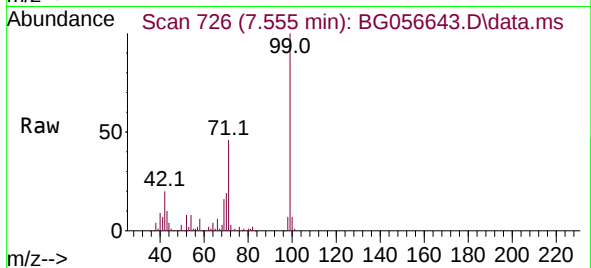




#7  
Phenol-d6  
Concen: 147.604 ng  
RT: 7.555 min Scan# 71  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

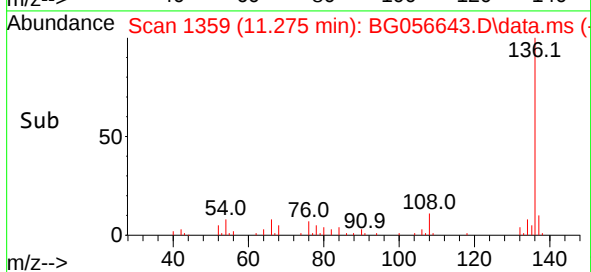
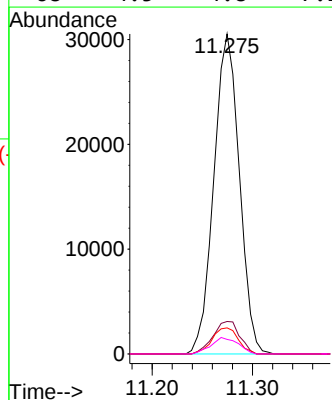
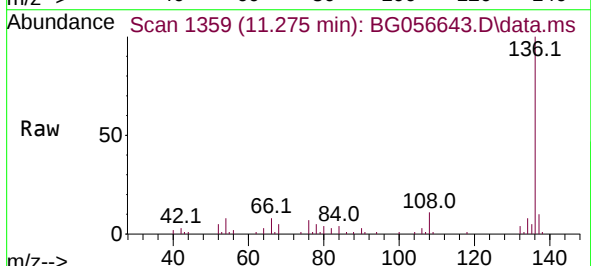
Instrument :  
BNA\_G  
ClientSampleId :  
PB150875BL

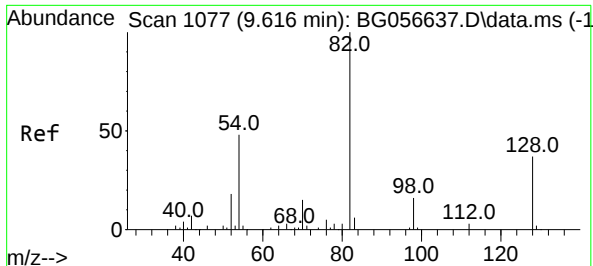
Tgt Ion: 99 Resp: 178922  
Ion Ratio Lower Upper  
99 100  
42 19.7 16.8 25.2  
71 45.6 33.9 50.9



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.275 min Scan# 1359  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Tgt Ion: 136 Resp: 53924  
Ion Ratio Lower Upper  
136 100  
137 10.1 9.7 14.5  
54 8.1 7.7 11.5  
68 4.5 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 97.972 ng

RT: 9.612 min Scan# 10

Delta R.T. -0.004 min

Lab File: BG056643.D

Acq: 15 Feb 2023 22:00

Instrument :

BNA\_G

ClientSampleId :

PB150875BL

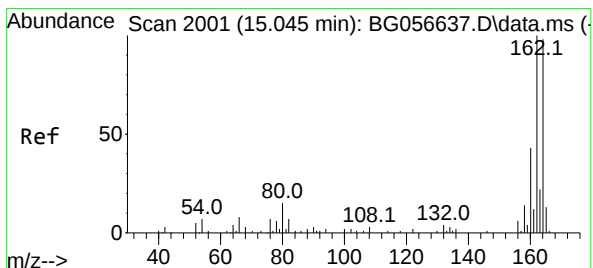
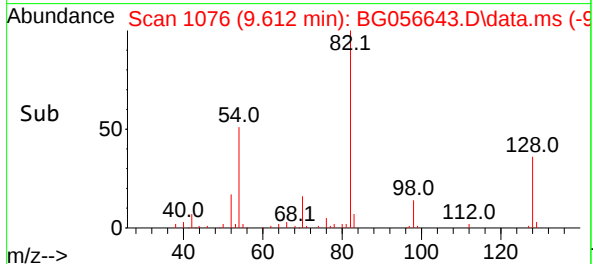
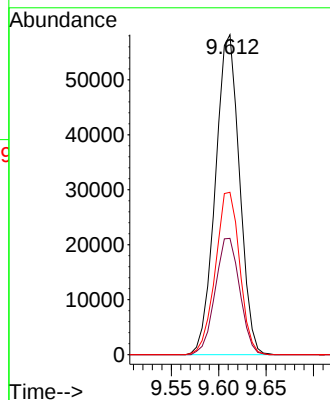
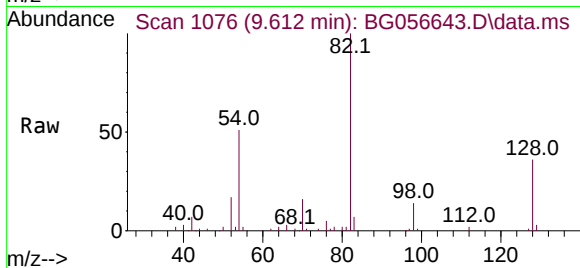
Tgt Ion: 82 Resp: 103182

Ion Ratio Lower Upper

82 100

128 36.3 29.4 44.2

54 50.7 37.8 56.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.041 min Scan# 2000

Delta R.T. -0.004 min

Lab File: BG056643.D

Acq: 15 Feb 2023 22:00

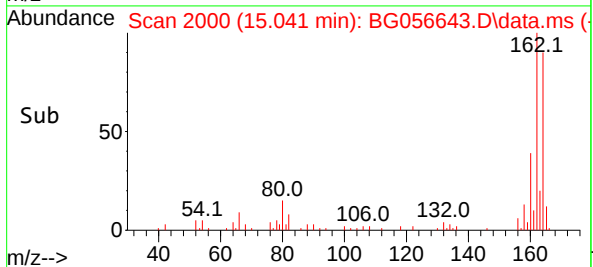
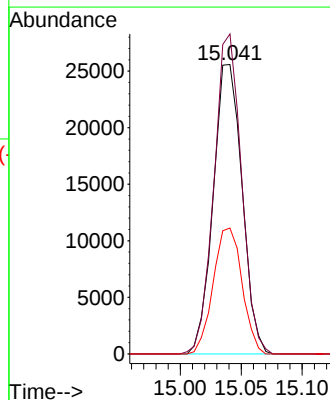
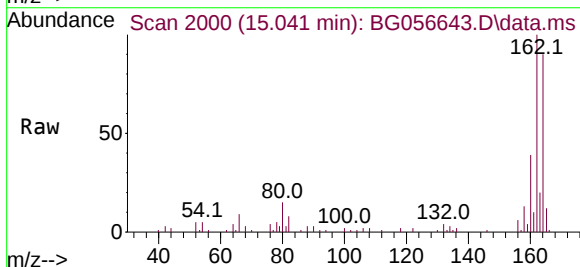
Tgt Ion:164 Resp: 42119

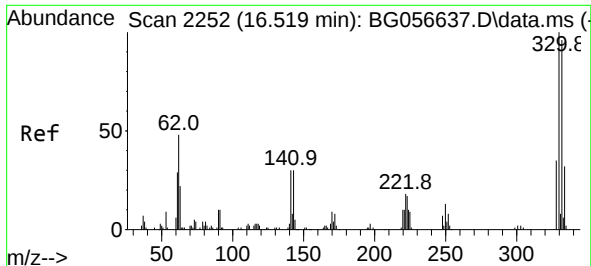
Ion Ratio Lower Upper

164 100

162 110.6 81.3 121.9

160 43.5 35.2 52.8

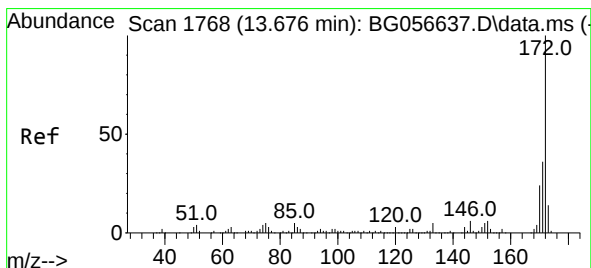
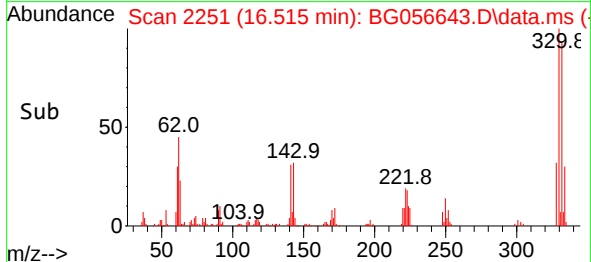
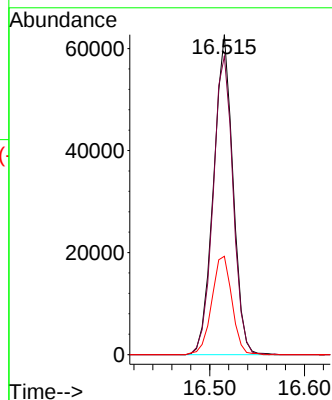
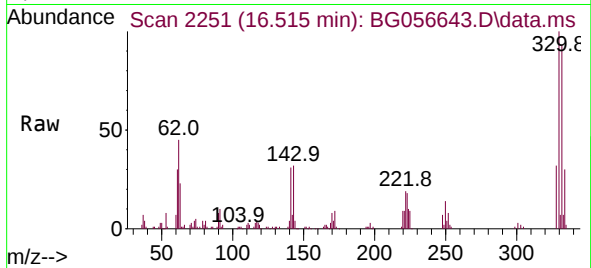




#42  
2,4,6-Tribromophenol  
Concen: 154.769 ng  
RT: 16.515 min Scan# 21  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

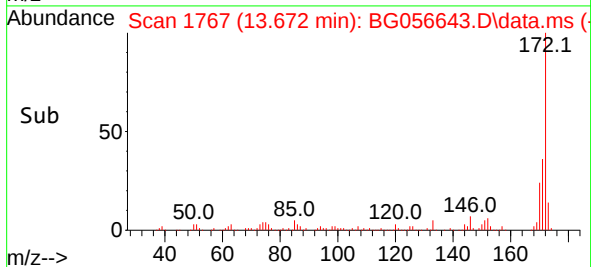
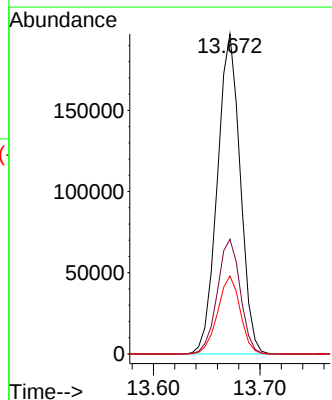
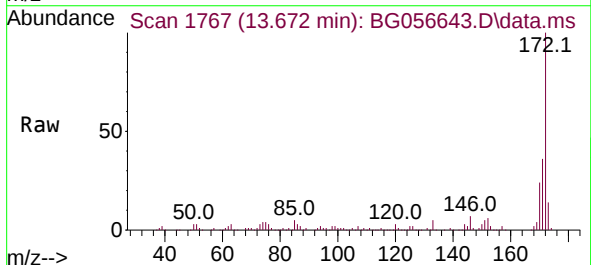
Instrument :  
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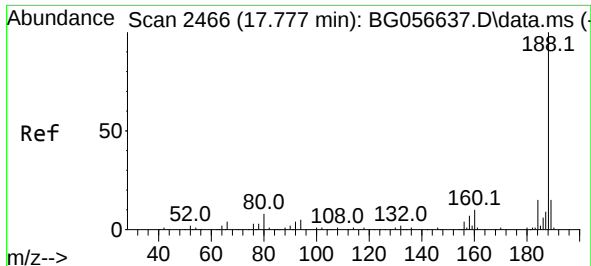
Tgt Ion:330 Resp: 89249  
Ion Ratio Lower Upper  
330 100  
332 95.9 75.7 113.5  
141 31.9 24.6 37.0



#45  
2-Fluorobiphenyl  
Concen: 93.463 ng  
RT: 13.672 min Scan# 1767  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Tgt Ion:172 Resp: 293980  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.6 43.0  
170 24.3 19.4 29.0

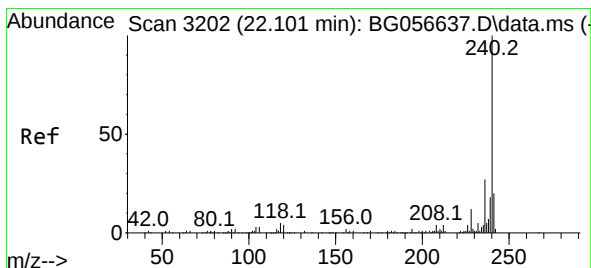
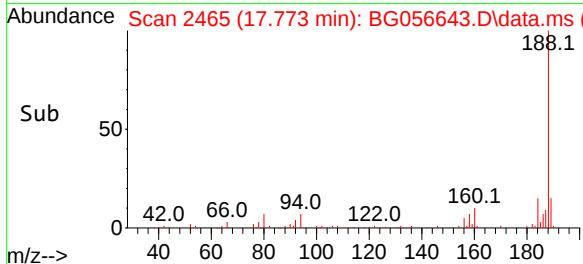
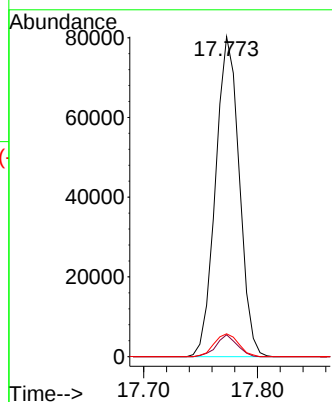
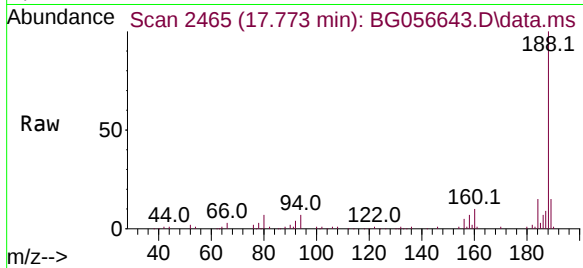




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.773 min Scan# 2466  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

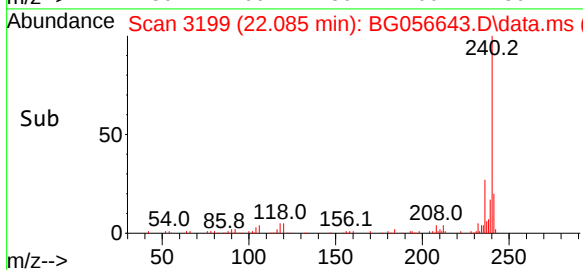
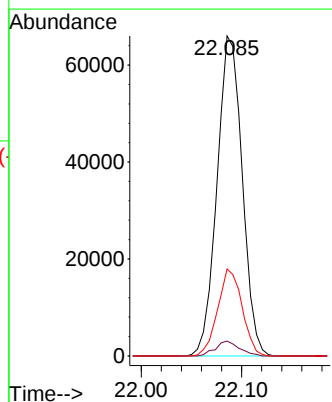
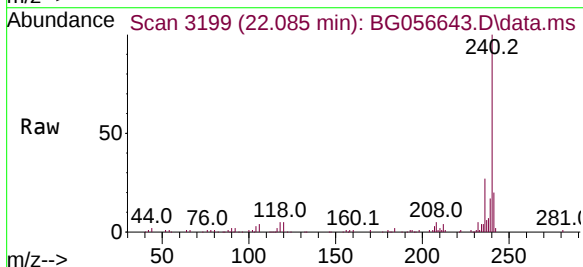
Instrument :  
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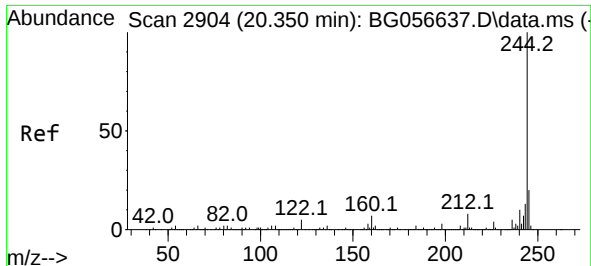
Tgt Ion:188 Resp: 116439  
Ion Ratio Lower Upper  
188 100  
94 6.8 4.0 6.0#  
80 7.1 6.3 9.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.085 min Scan# 3199  
Delta R.T. -0.016 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

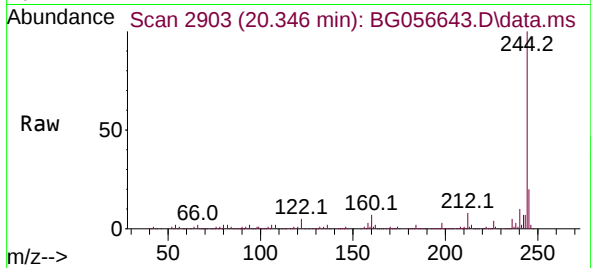
Tgt Ion:240 Resp: 115293  
Ion Ratio Lower Upper  
240 100  
120 4.6 3.5 5.3  
236 27.2 21.5 32.3



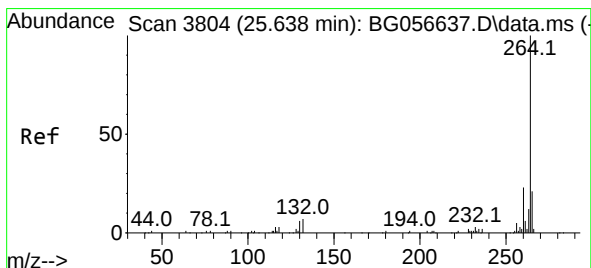
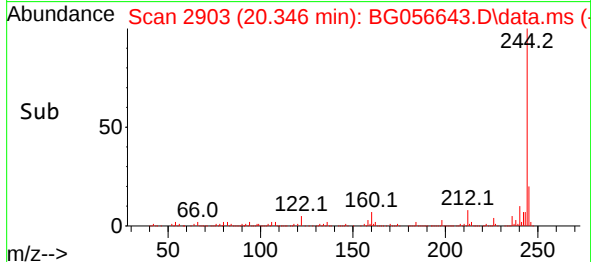
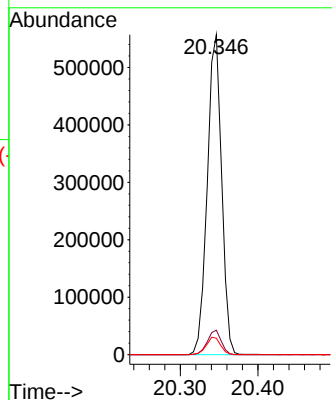


#79  
Terphenyl-d14  
Concen: 101.286 ng  
RT: 20.346 min Scan# 2903  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Instrument :  
BNA\_G  
ClientSampleId :  
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Tgt Ion:244 Resp: 713734  
Ion Ratio Lower Upper  
244 100  
212 7.6 6.0 9.0  
122 5.1 3.8 5.8



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.634 min Scan# 3803  
Delta R.T. -0.004 min  
Lab File: BG056643.D  
Acq: 15 Feb 2023 22:00

Tgt Ion:264 Resp: 127593  
Ion Ratio Lower Upper  
264 100  
260 22.5 18.6 27.8  
265 21.7 17.0 25.4

