

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122122\  
 Data File : BG056044.D  
 Acq On : 21 Dec 2022 11:54  
 Operator : CG/JU  
 Sample : N6125-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B5(0-6)

Quant Time: Dec 22 01:22:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Dec 21 01:11:10 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.361  | 152  | 10092    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.193 | 136  | 36182    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.965 | 164  | 31067    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.703 | 188  | 86379    | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.004 | 240  | 89589    | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.494 | 264  | 109143   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.876  | 112  | 43409    | 100.874 | ng    | 0.00     |
| 7) Phenol-d6                | 7.492  | 99   | 52287    | 94.472  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.531  | 82   | 34983    | 67.566  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.446 | 330  | 77434    | 103.367 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.596 | 172  | 120022   | 54.183  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.277 | 244  | 284149   | 56.056  | ng    | 0.00     |

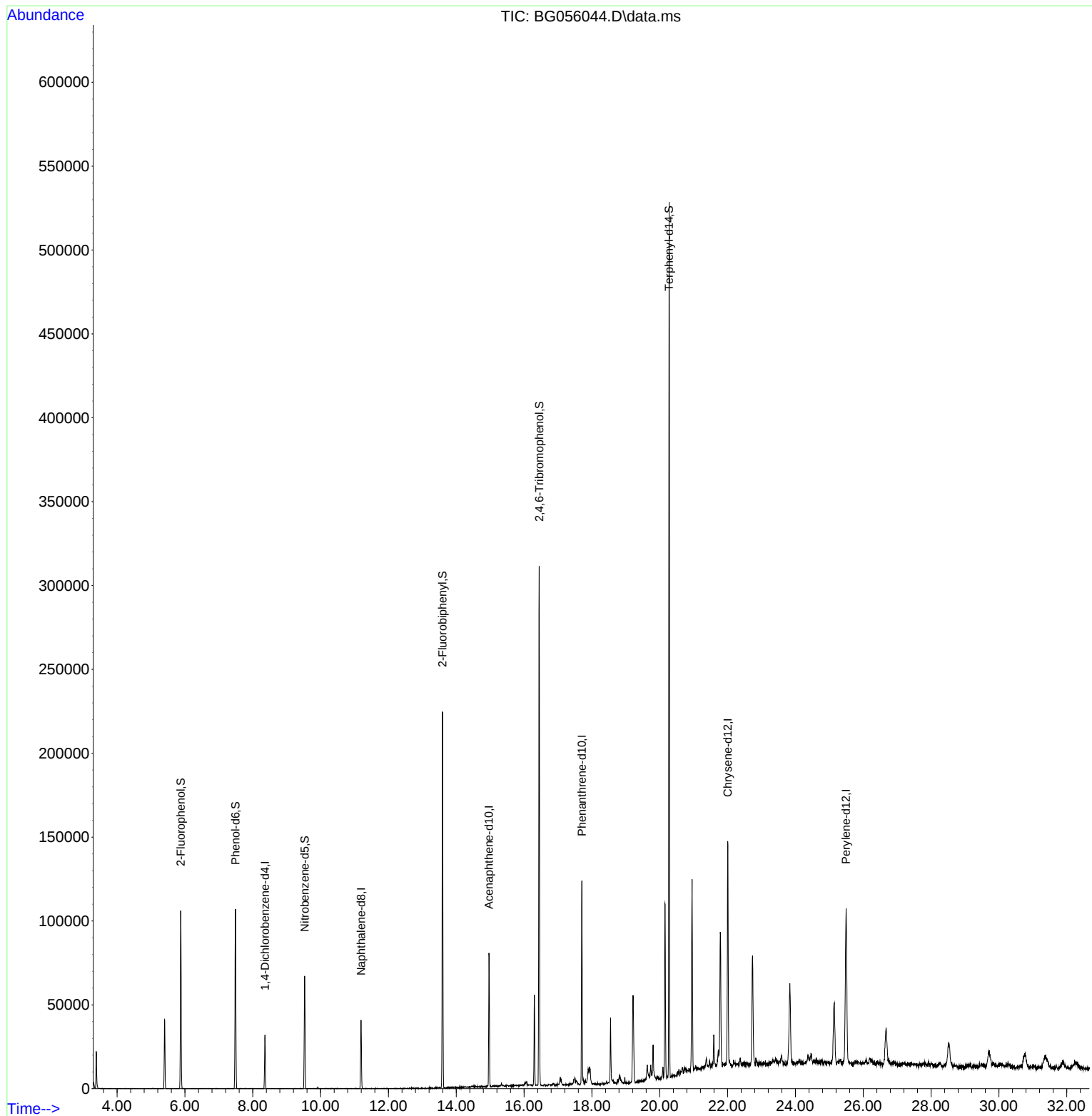
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

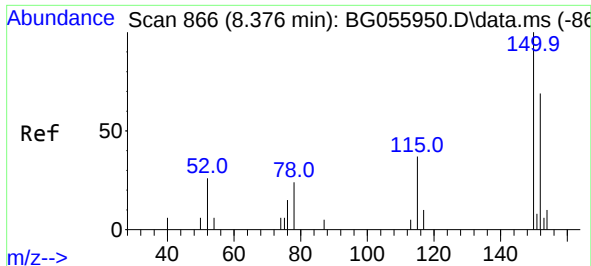
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122122\  
Data File : BG056044.D  
Acq On : 21 Dec 2022 11:54  
Operator : CG/JU  
Sample : N6125-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
B5(0-6)

Quant Time: Dec 22 01:22:38 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG121322.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Dec 21 01:11:10 2022  
Response via : Initial Calibration

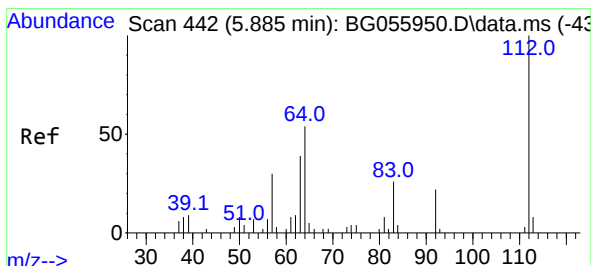
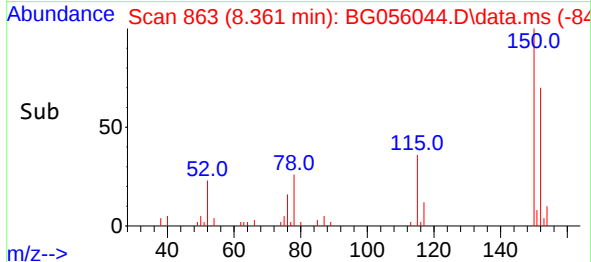
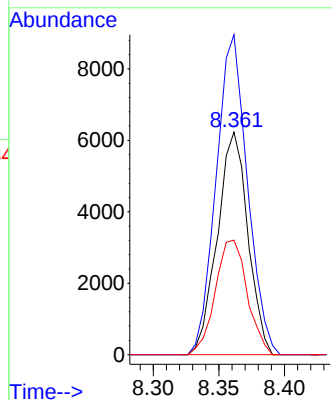
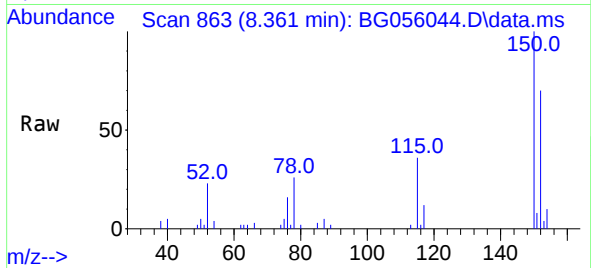




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.361 min Scan# 80  
Delta R.T. -0.004 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

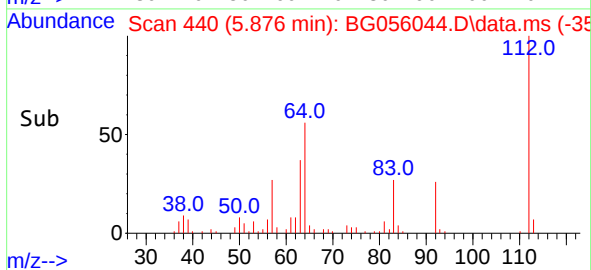
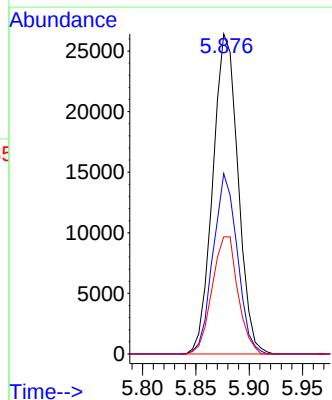
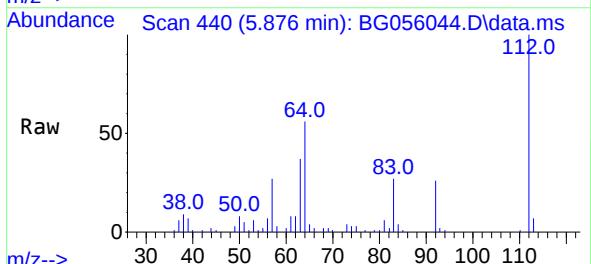
Instrument :  
BNA\_G  
ClientSampleId :  
B5(0-6)

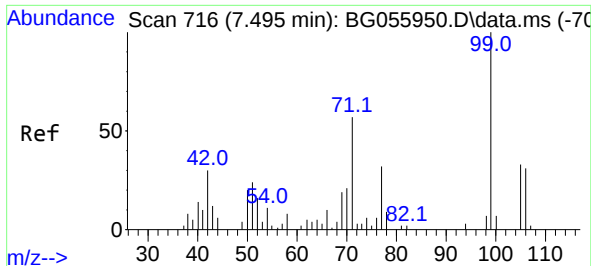
Tgt Ion:152 Resp: 10092  
Ion Ratio Lower Upper  
152 100  
150 143.8 115.7 173.5  
115 51.5 43.0 64.4



#5  
2-Fluorophenol  
Concen: 100.874 ng  
RT: 5.876 min Scan# 440  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

Tgt Ion:112 Resp: 43409  
Ion Ratio Lower Upper  
112 100  
64 56.3 43.0 64.4  
63 36.6 31.4 47.2

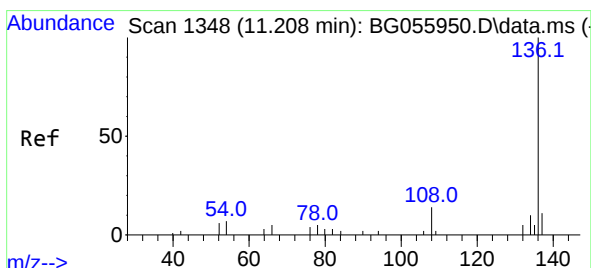
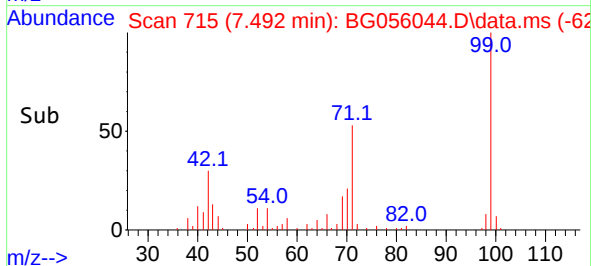
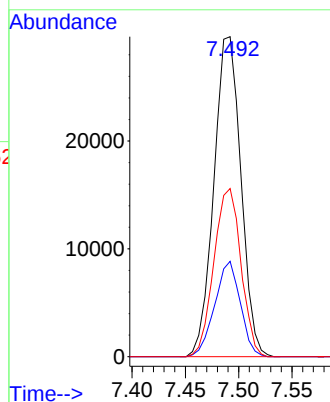
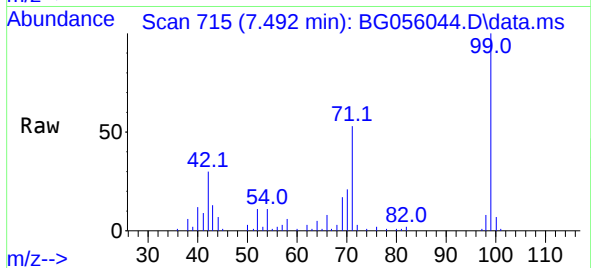




#7  
Phenol-d6  
Concen: 94.472 ng  
RT: 7.492 min Scan# 716  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

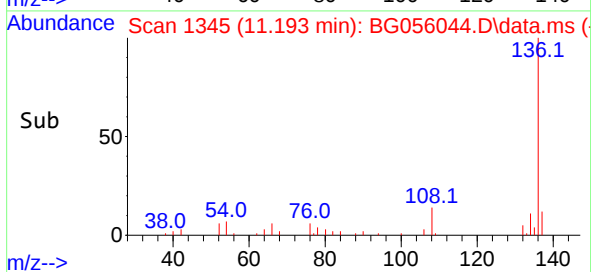
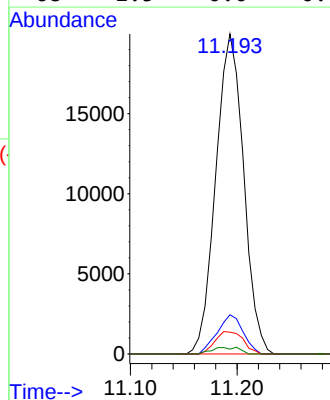
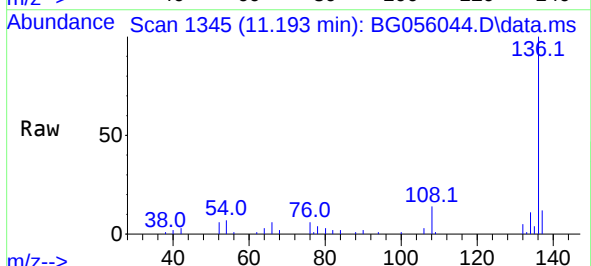
Instrument :  
BNA\_G  
ClientSampleId :  
B5(0-6)

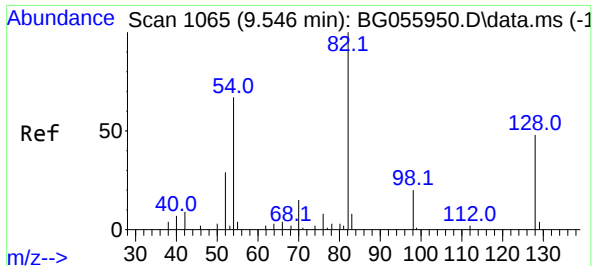
Tgt Ion: 99 Resp: 52287  
Ion Ratio Lower Upper  
99 100  
42 29.8 24.3 36.5  
71 52.6 45.6 68.4



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.193 min Scan# 1345  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

Tgt Ion:136 Resp: 36182  
Ion Ratio Lower Upper  
136 100  
137 12.3 9.2 13.8  
54 6.8 5.6 8.4  
68 1.5 0.0 0.0#





#23

Nitrobenzene-d5

Concen: 67.566 ng

RT: 9.531 min Scan# 1062

Delta R.T. -0.009 min

Lab File: BG056044.D

Acq: 21 Dec 2022 11:54

Instrument :

BNA\_G

ClientSampleId :

B5(0-6)

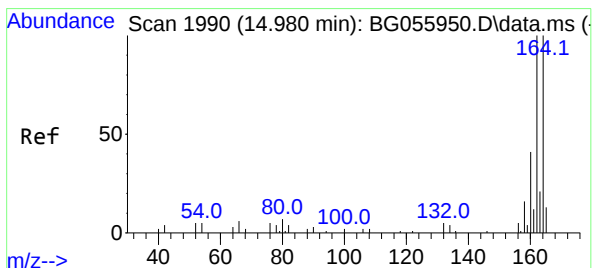
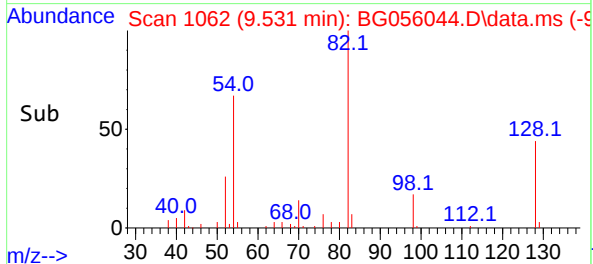
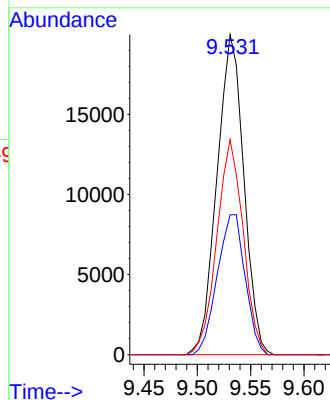
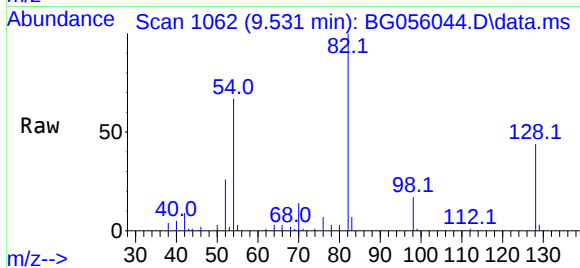
Tgt Ion: 82 Resp: 34983

Ion Ratio Lower Upper

82 100

128 43.7 38.4 57.6

54 67.2 53.3 79.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.965 min Scan# 1987

Delta R.T. -0.009 min

Lab File: BG056044.D

Acq: 21 Dec 2022 11:54

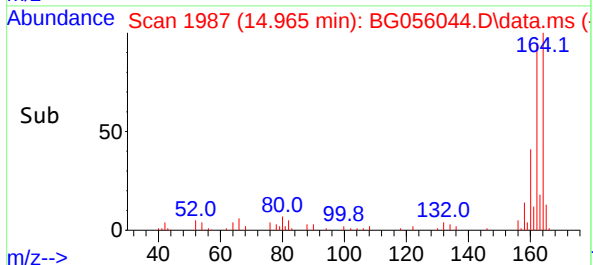
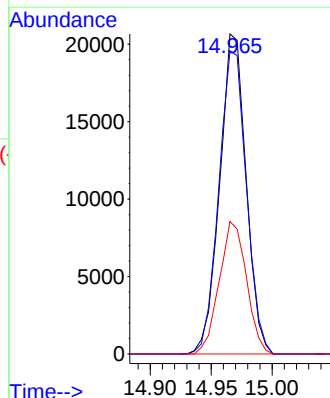
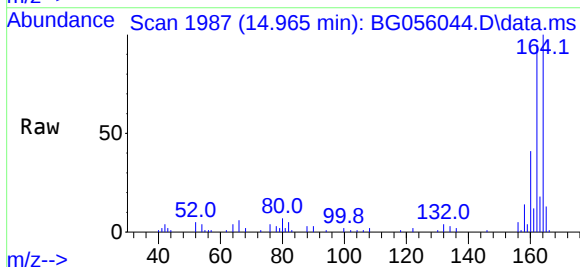
Tgt Ion:164 Resp: 31067

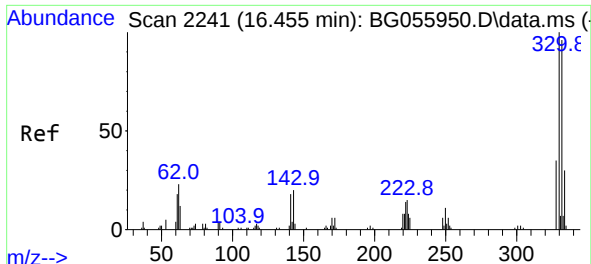
Ion Ratio Lower Upper

164 100

162 94.7 79.8 119.8

160 41.4 33.0 49.4

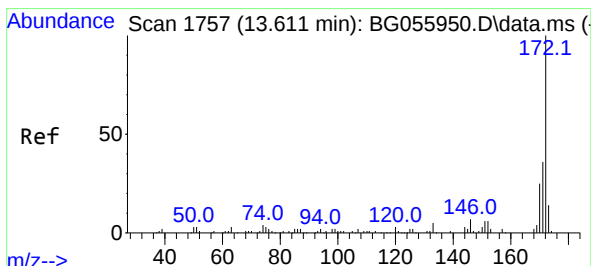
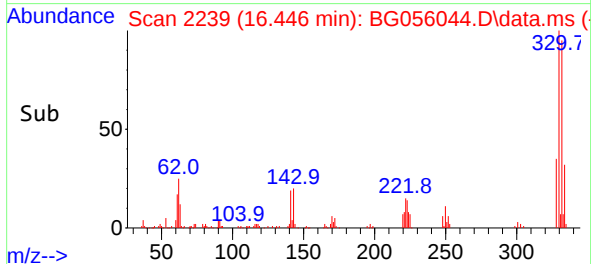
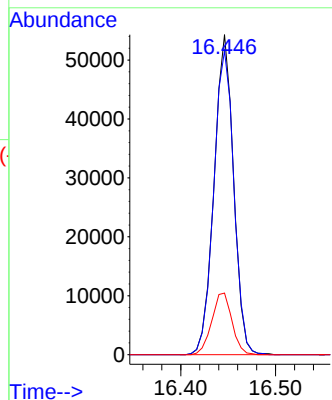
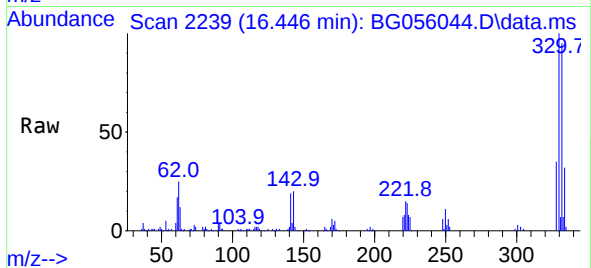




#42  
2,4,6-Tribromophenol  
Concen: 103.367 ng  
RT: 16.446 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

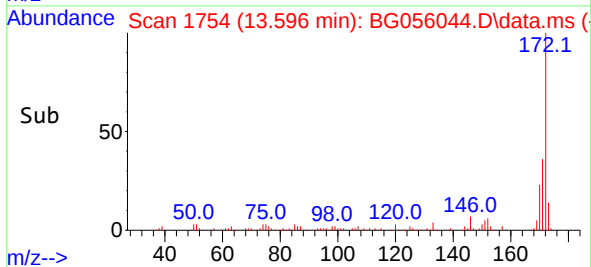
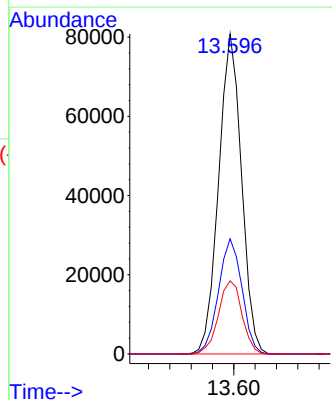
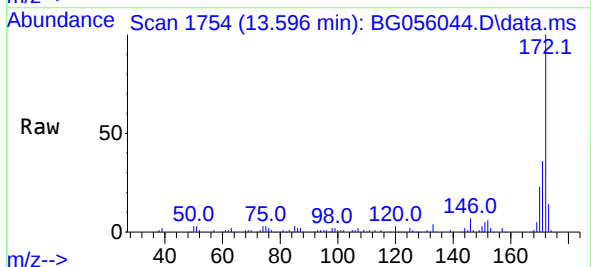
Instrument :  
BNA\_G  
ClientSampleId :  
B5(0-6)

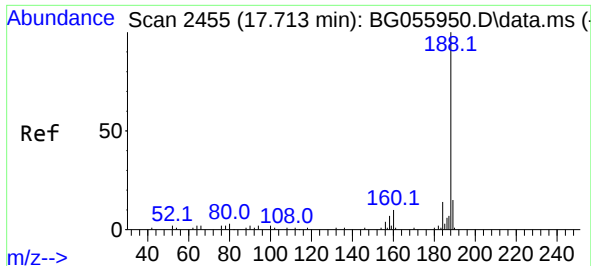
Tgt Ion:330 Resp: 77434  
Ion Ratio Lower Upper  
330 100  
332 98.5 76.6 114.8  
141 20.0 15.0 22.4



#45  
2-Fluorobiphenyl  
Concen: 54.183 ng  
RT: 13.596 min Scan# 1754  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

Tgt Ion:172 Resp: 120022  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.6 42.8  
170 22.9 19.9 29.9

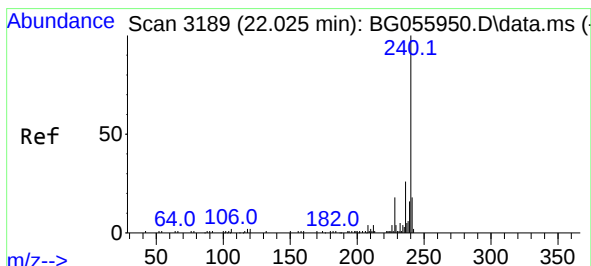
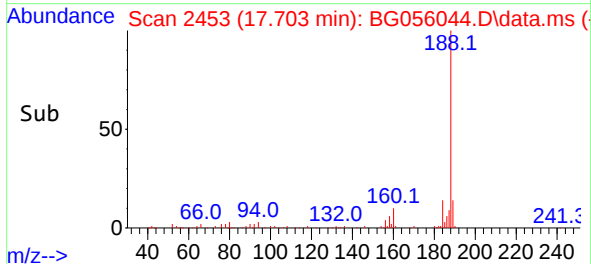
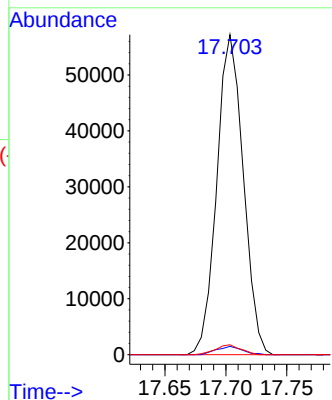
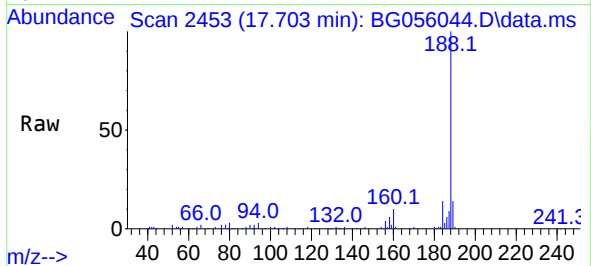




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.703 min Scan# 2453  
Delta R.T. -0.003 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

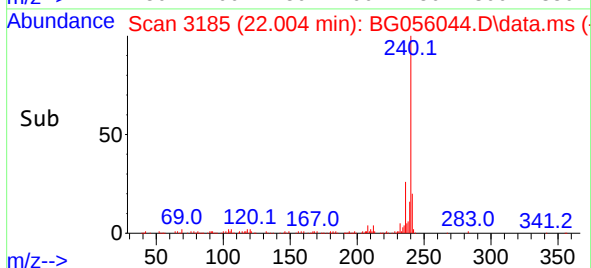
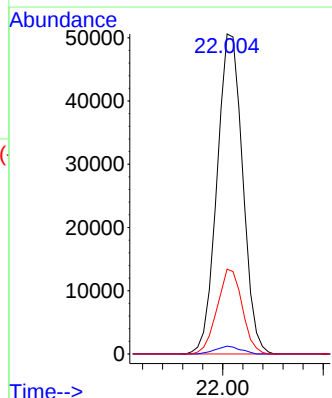
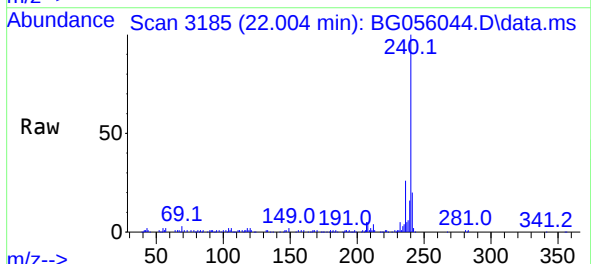
Instrument :  
BNA\_G  
ClientSampleId :  
B5(0-6)

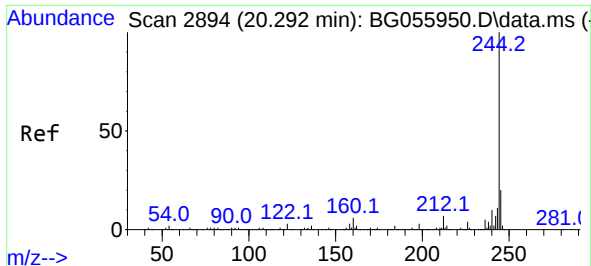
Tgt Ion:188 Resp: 86379  
Ion Ratio Lower Upper  
188 100  
94 2.6 1.8 2.8  
80 3.1 2.4 3.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.004 min Scan# 3185  
Delta R.T. -0.009 min  
Lab File: BG056044.D  
Acq: 21 Dec 2022 11:54

Tgt Ion:240 Resp: 89589  
Ion Ratio Lower Upper  
240 100  
120 2.5 1.7 2.5  
236 26.5 21.1 31.7

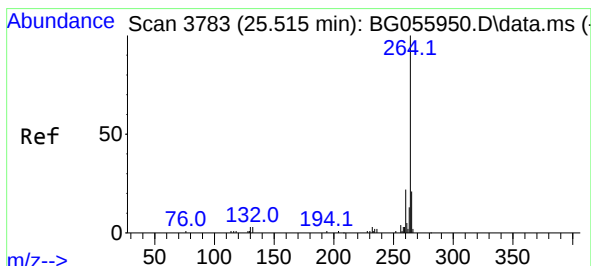
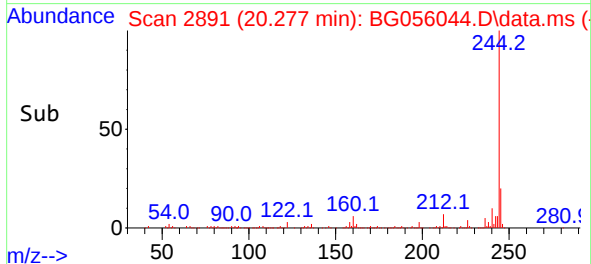
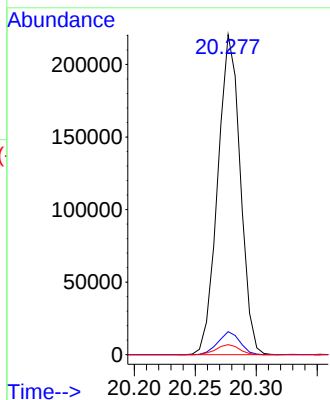
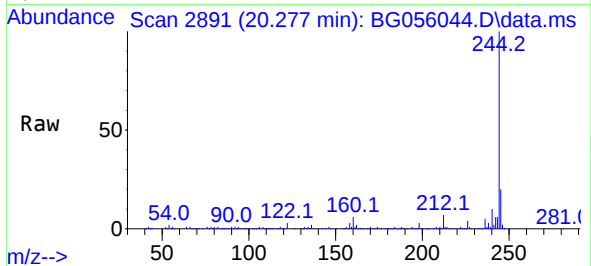




#79  
 Terphenyl-d14  
 Concen: 56.056 ng  
 RT: 20.277 min Scan# 21  
 Delta R.T. -0.003 min  
 Lab File: BG056044.D  
 Acq: 21 Dec 2022 11:54

Instrument :  
 BNA\_G  
 ClientSampleId :  
 B5(0-6)

Tgt Ion:244 Resp: 284149  
 Ion Ratio Lower Upper  
 244 100  
 212 7.2 5.8 8.6  
 122 3.1 2.5 3.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.494 min Scan# 3779  
 Delta R.T. -0.003 min  
 Lab File: BG056044.D  
 Acq: 21 Dec 2022 11:54

Tgt Ion:264 Resp: 109143  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 17.8 26.8  
 265 20.9 16.6 25.0

