

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG122822\  
 Data File : BG056144.D  
 Acq On : 28 Dec 2022 17:48  
 Operator : CG/JU  
 Sample : N6219-02  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 RB-21147

Quant Time: Dec 29 03:39:14 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   | 8.337  | 152  | 43797    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.169 | 136  | 150037   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.947 | 164  | 122466   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.679 | 188  | 343047   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.968 | 240  | 378964   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.423 | 264  | 406099   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.857  | 112  | 357403   | 145.704 | ng    | 0.00     |
| 7) Phenol-d6                | 7.473  | 99   | 450904   | 119.698 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.506  | 82   | 280769   | 95.722  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.421 | 330  | 246904   | 159.189 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.572 | 172  | 860123   | 96.985  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.252 | 244  | 2058873  | 97.306  | ng    | 0.00     |

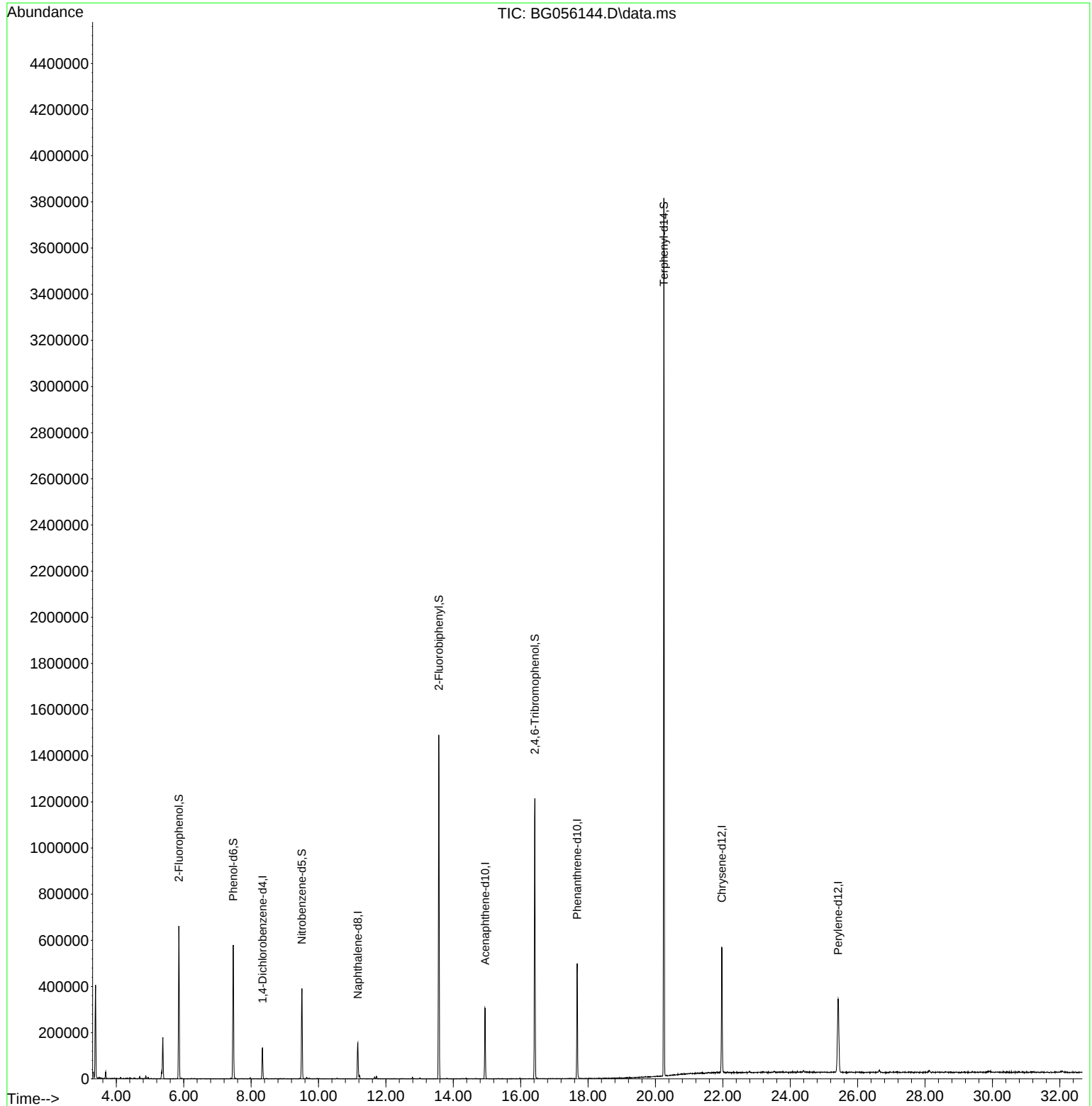
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

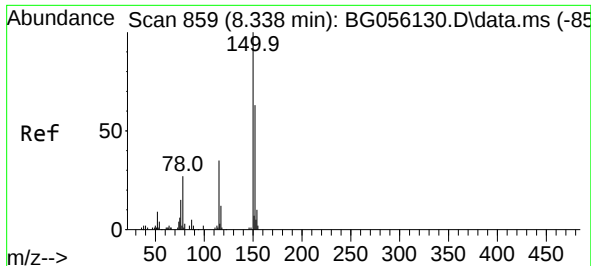
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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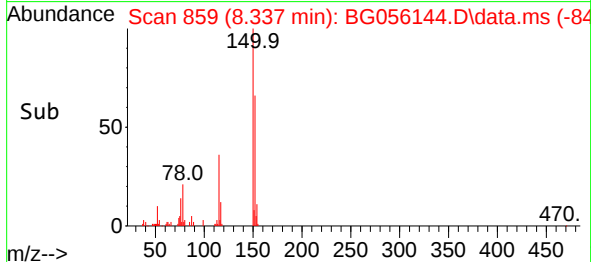
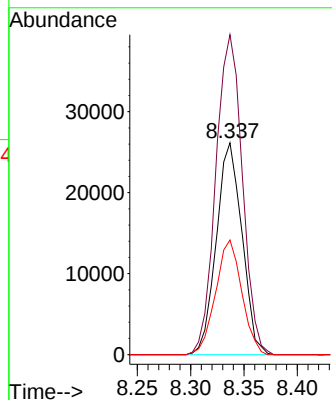
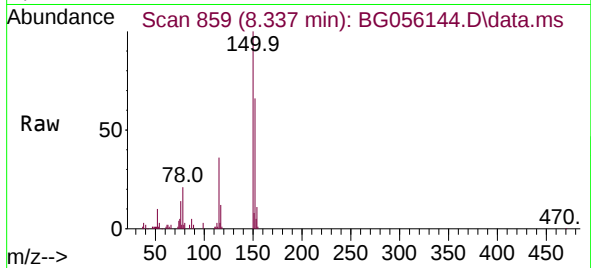




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.337 min Scan# 81  
 Delta R.T. -0.001 min  
 Lab File: BG056144.D  
 Acq: 28 Dec 2022 17:48

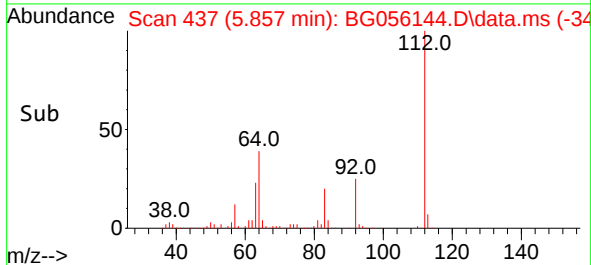
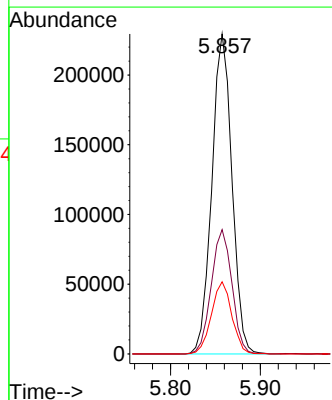
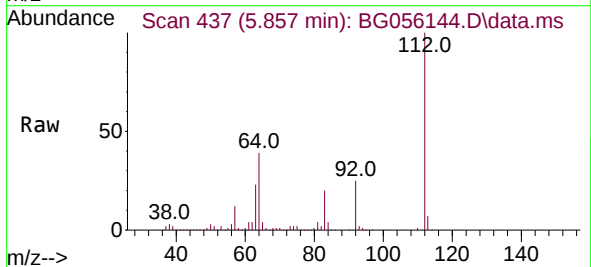
Instrument :  
 BNA\_G  
 ClientSampleId :  
 RB-21147

Tgt Ion:152 Resp: 43797  
 Ion Ratio Lower Upper  
 152 100  
 150 151.1 127.9 191.9  
 115 54.1 44.2 66.2



#5  
 2-Fluorophenol  
 Concen: 145.704 ng  
 RT: 5.857 min Scan# 437  
 Delta R.T. 0.005 min  
 Lab File: BG056144.D  
 Acq: 28 Dec 2022 17:48

Tgt Ion:112 Resp: 357403  
 Ion Ratio Lower Upper  
 112 100  
 64 38.8 33.3 49.9  
 63 22.6 19.0 28.4

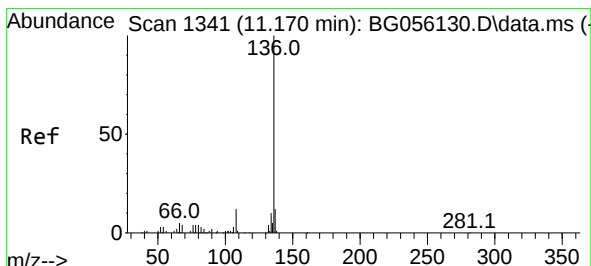
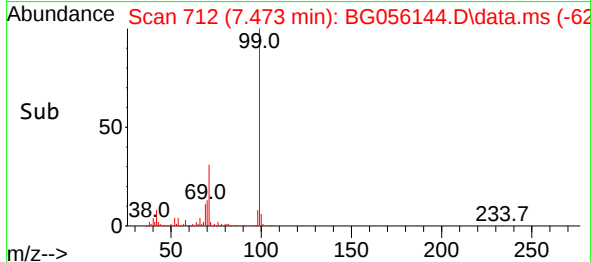
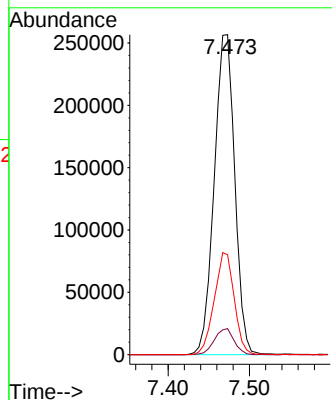
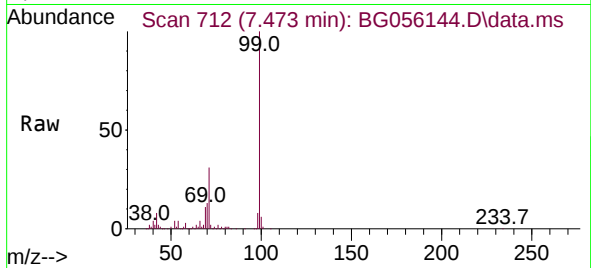




#7  
Phenol-d6  
Concen: 119.698 ng  
RT: 7.473 min Scan# 711  
Delta R.T. 0.005 min  
Lab File: BG056144.D  
Acq: 28 Dec 2022 17:48

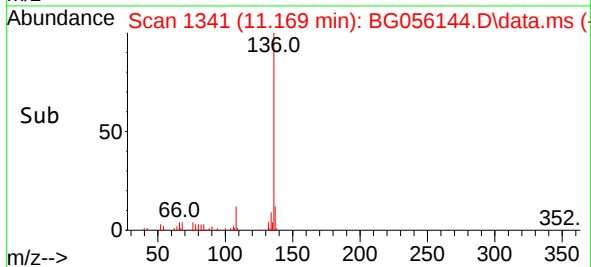
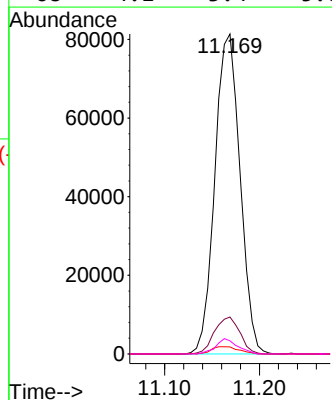
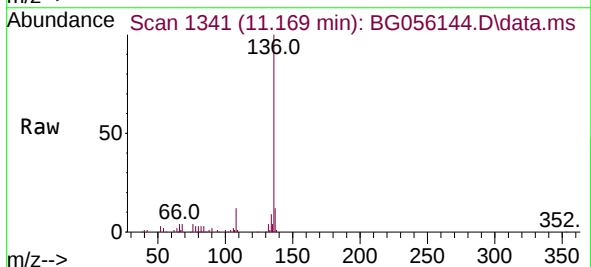
Instrument :  
BNA\_G  
ClientSampleId :  
RB-21147

Tgt Ion: 99 Resp: 450904  
Ion Ratio Lower Upper  
99 100  
42 8.1 5.9 8.9  
71 31.2 25.4 38.2



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.169 min Scan# 1341  
Delta R.T. -0.001 min  
Lab File: BG056144.D  
Acq: 28 Dec 2022 17:48

Tgt Ion: 136 Resp: 150037  
Ion Ratio Lower Upper  
136 100  
137 11.5 9.4 14.0  
54 2.2 2.2 3.2  
68 4.1 3.4 5.0





#23

Nitrobenzene-d5

Concen: 95.722 ng

RT: 9.506 min Scan# 1058

Delta R.T. -0.007 min

Lab File: BG056144.D

Acq: 28 Dec 2022 17:48

Instrument :

BNA\_G

ClientSampleId :

RB-21147

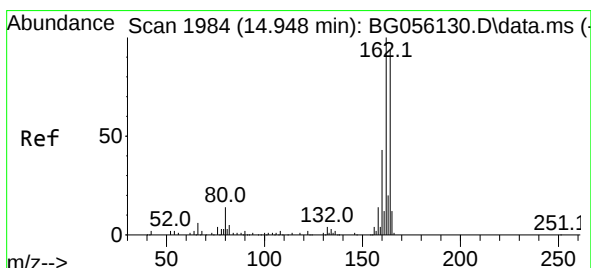
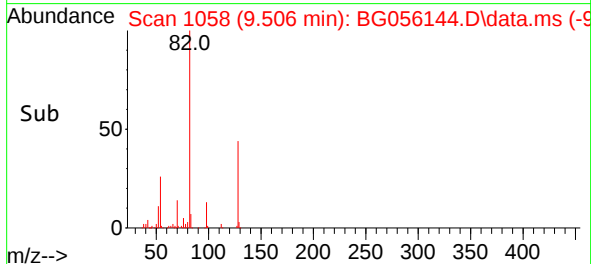
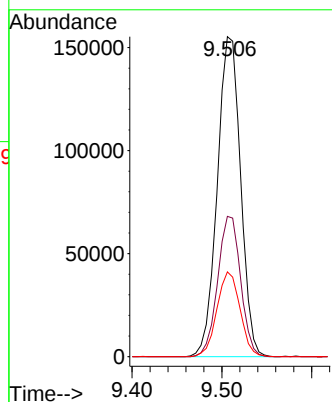
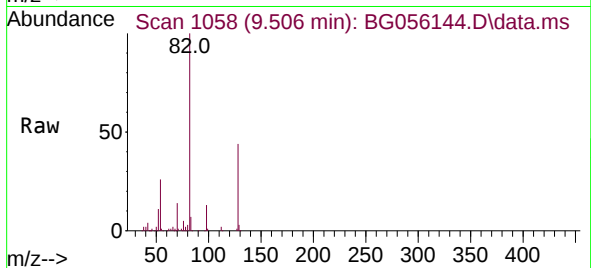
Tgt Ion: 82 Resp: 280769

Ion Ratio Lower Upper

82 100

128 43.8 33.4 50.2

54 26.5 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.947 min Scan# 1984

Delta R.T. -0.001 min

Lab File: BG056144.D

Acq: 28 Dec 2022 17:48

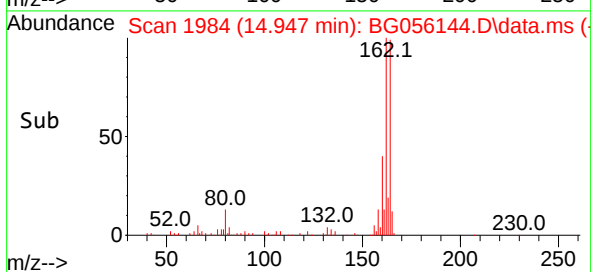
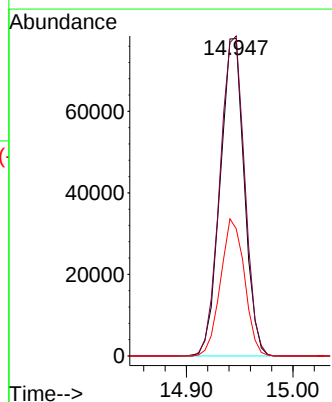
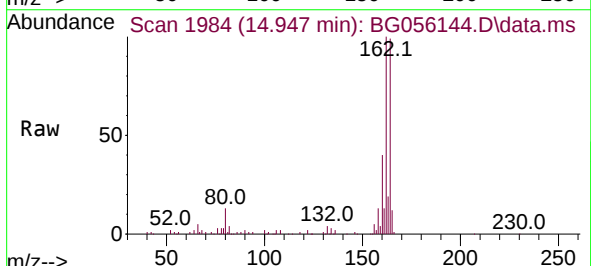
Tgt Ion: 164 Resp: 122466

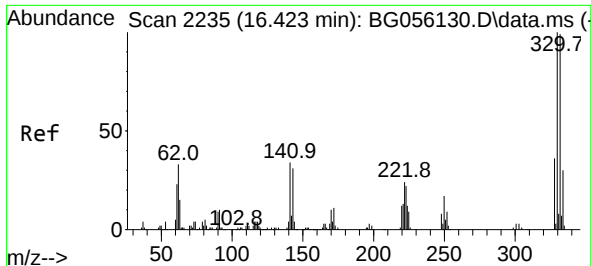
Ion Ratio Lower Upper

164 100

162 100.9 84.7 127.1

160 40.1 36.3 54.5





#42

2,4,6-Tribromophenol

Concen: 159.189 ng

RT: 16.421 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG056144.D

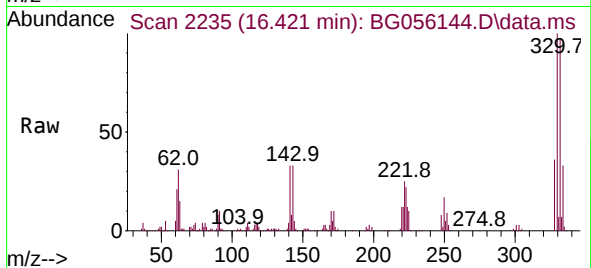
Acq: 28 Dec 2022 17:48

Instrument :

BNA\_G

ClientSampleId :

RB-21147



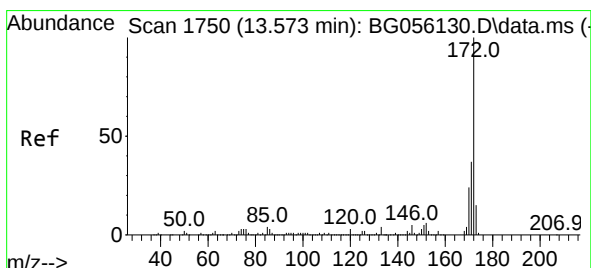
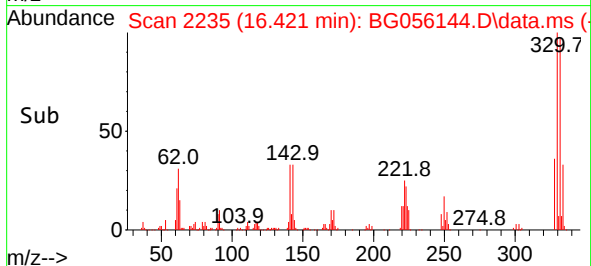
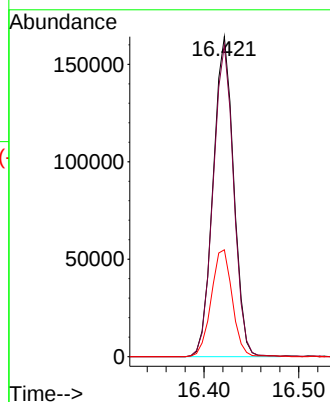
Tgt Ion:330 Resp: 246904

Ion Ratio Lower Upper

330 100

332 97.2 77.3 115.9

141 34.3 27.9 41.9



#45

2-Fluorobiphenyl

Concen: 96.985 ng

RT: 13.572 min Scan# 1750

Delta R.T. -0.001 min

Lab File: BG056144.D

Acq: 28 Dec 2022 17:48

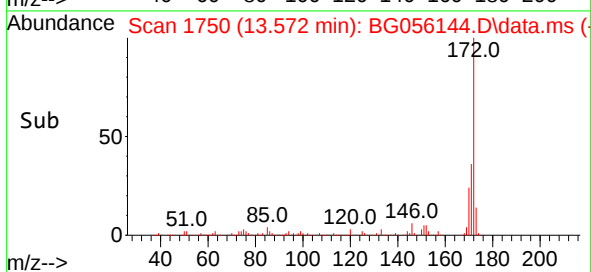
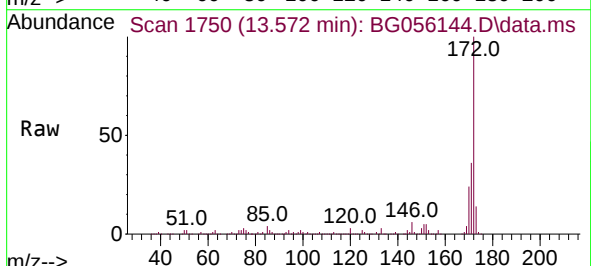
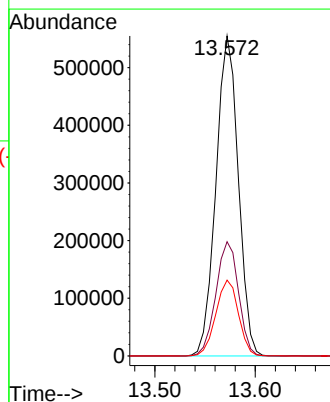
Tgt Ion:172 Resp: 860123

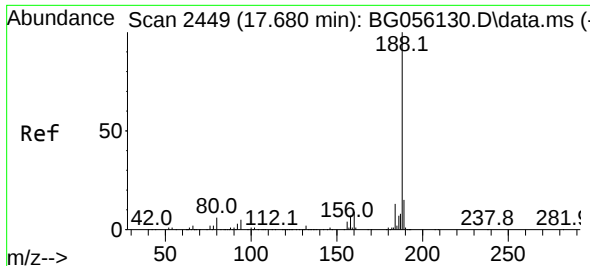
Ion Ratio Lower Upper

172 100

171 35.7 29.6 44.4

170 23.7 19.4 29.2

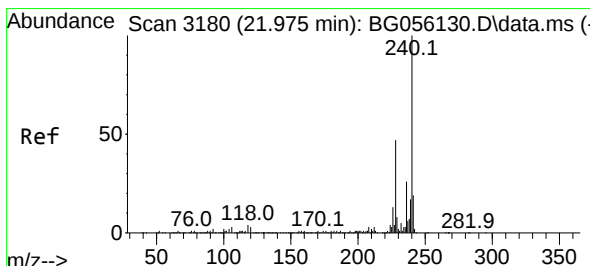
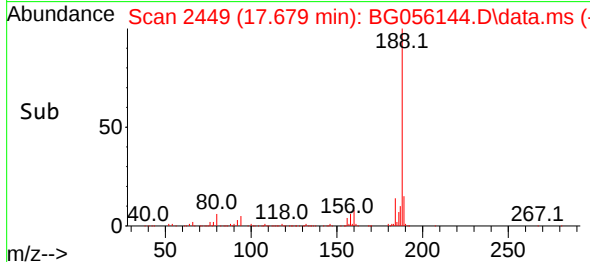
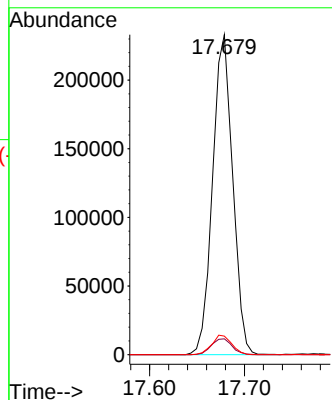
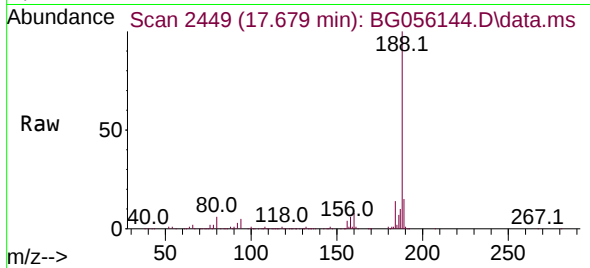




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.679 min Scan# 2449  
Delta R.T. -0.001 min  
Lab File: BG056144.D  
Acq: 28 Dec 2022 17:48

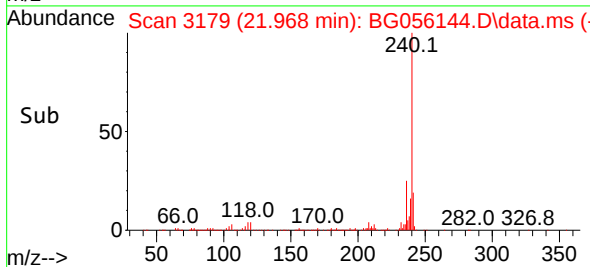
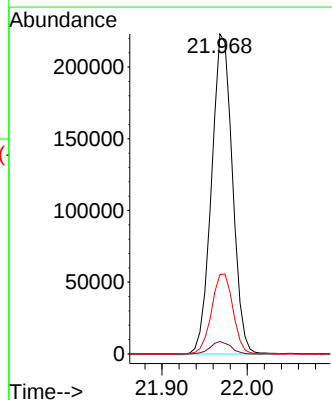
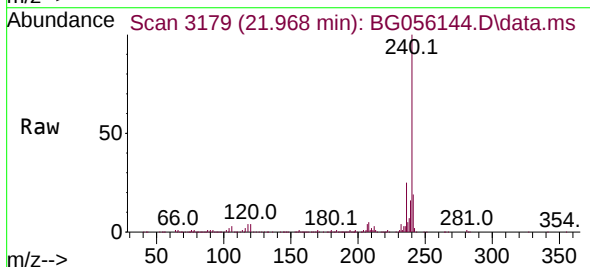
Instrument :  
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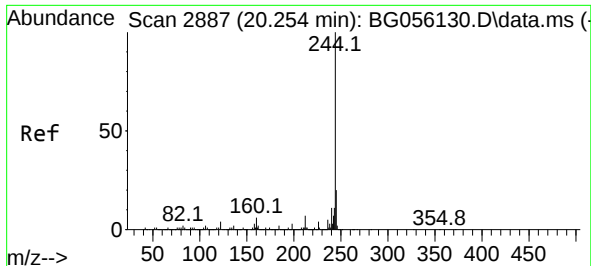
Tgt Ion:188 Resp: 343047  
Ion Ratio Lower Upper  
188 100  
94 4.9 4.2 6.2  
80 5.8 5.0 7.4



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.968 min Scan# 3179  
Delta R.T. -0.007 min  
Lab File: BG056144.D  
Acq: 28 Dec 2022 17:48

Tgt Ion:240 Resp: 378964  
Ion Ratio Lower Upper  
240 100  
120 3.9 2.6 4.0  
236 24.8 20.8 31.2

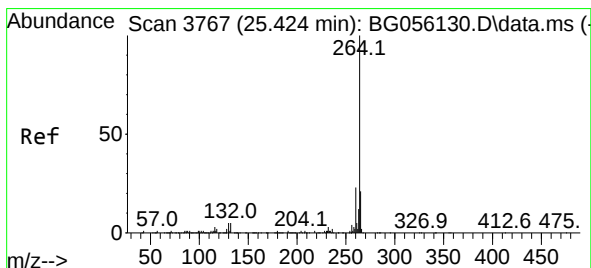
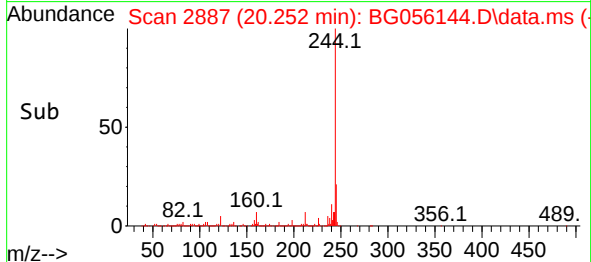
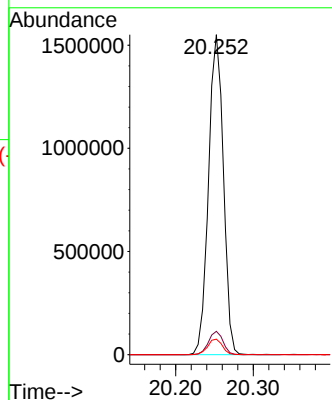
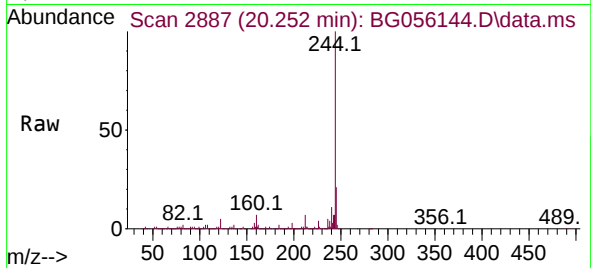




#79  
 Terphenyl-d14  
 Concen: 97.306 ng  
 RT: 20.252 min Scan# 2887  
 Delta R.T. -0.001 min  
 Lab File: BG056144.D  
 Acq: 28 Dec 2022 17:48

Instrument :  
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Tgt Ion:244 Resp: 2058873  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 5.7 8.5  
 122 4.8 3.5 5.3



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.423 min Scan# 3767  
 Delta R.T. -0.001 min  
 Lab File: BG056144.D  
 Acq: 28 Dec 2022 17:48

Tgt Ion:264 Resp: 406099  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 28.0  
 265 22.9 16.7 25.1

