

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040323\  
 Data File : BG056956.D  
 Acq On : 3 Apr 2023 13:49  
 Operator : CG/JU  
 Sample : PB151375BL  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB151375BL

Quant Time: Apr 04 04:55:47 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Mar 31 03:23:11 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.417  | 152  | 15113    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.254 | 136  | 61647    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 15.031 | 164  | 49283    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.769 | 188  | 126396   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.092 | 240  | 125905   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.640 | 264  | 136440   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.920  | 112  | 138470   | 146.638 | ng    | 0.00     |
| 7) Phenol-d6                | 7.541  | 99   | 195163   | 138.186 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.592  | 82   | 125193   | 83.096  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.512 | 330  | 100499   | 127.648 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.657 | 172  | 310053   | 85.310  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.342 | 244  | 700691   | 94.173  | ng    | 0.00     |

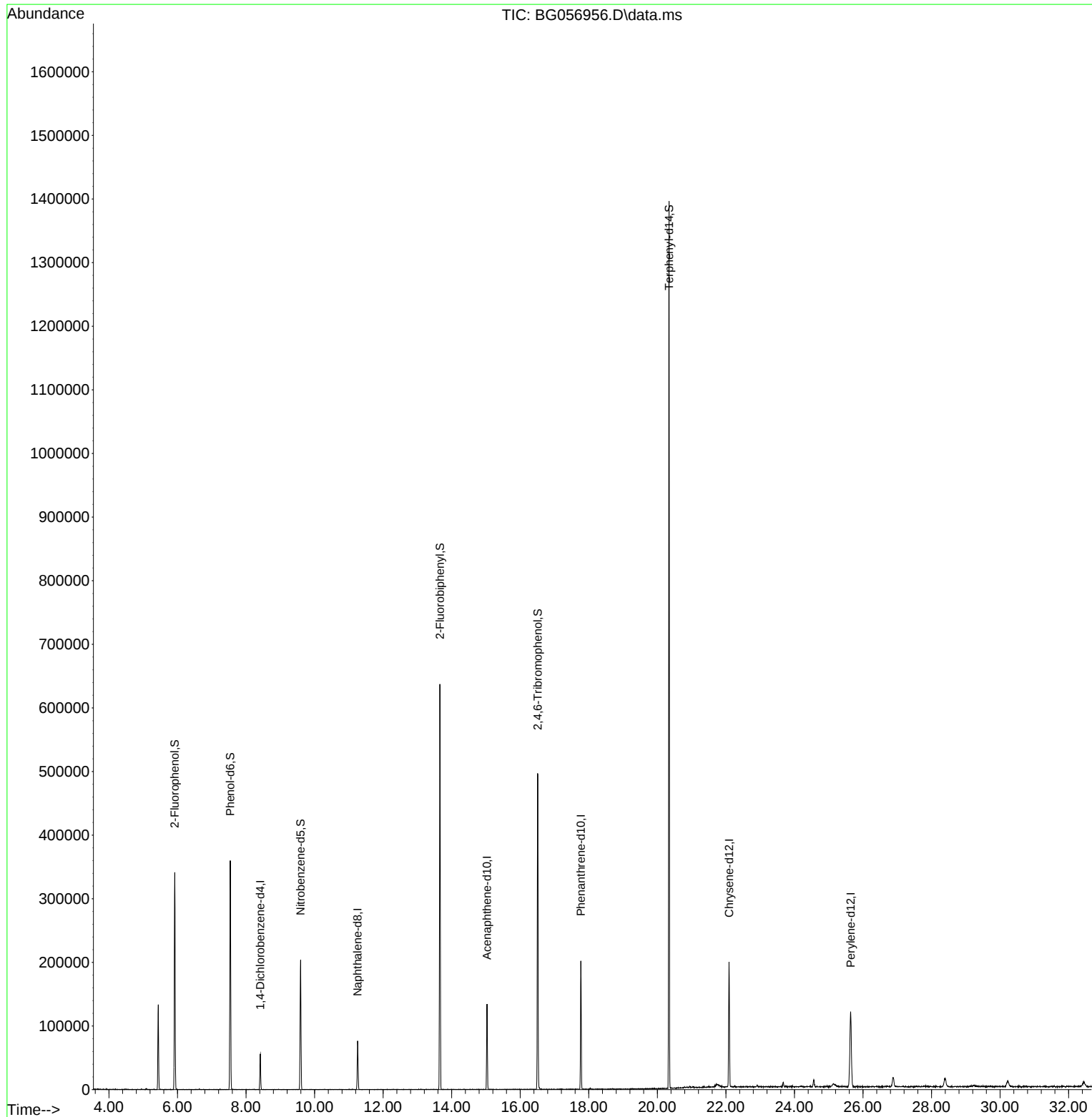
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

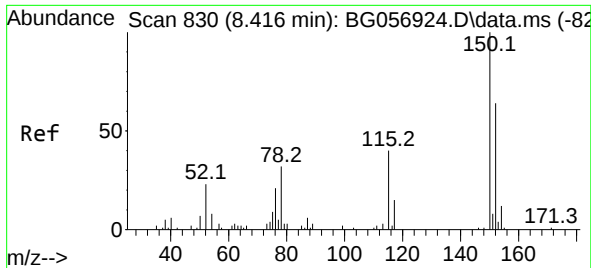
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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PB151375BL

Quant Time: Apr 04 04:55:47 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG033023.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Mar 31 03:23:11 2023  
Response via : Initial Calibration

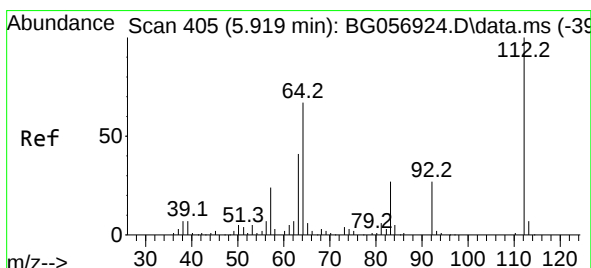
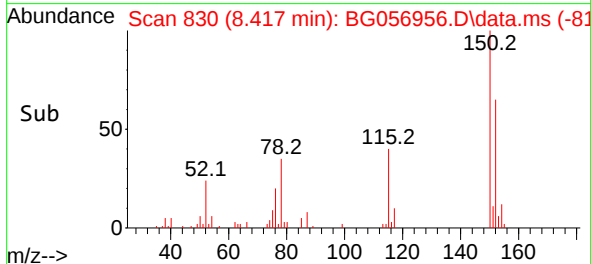
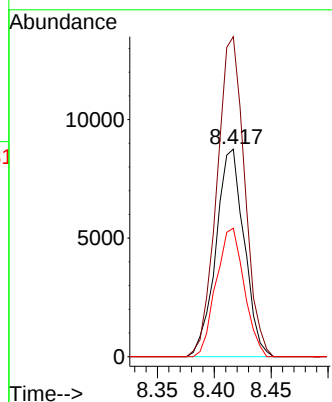
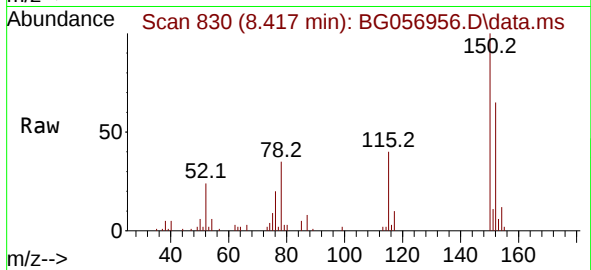




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.417 min Scan# 81  
Delta R.T. 0.001 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

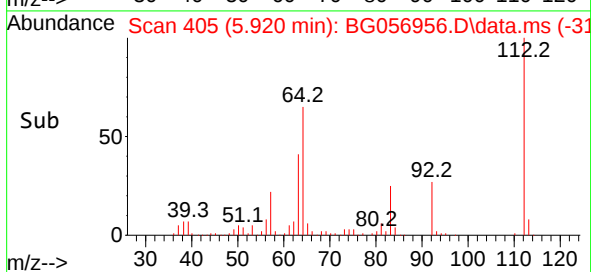
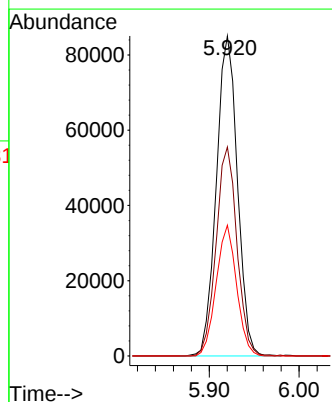
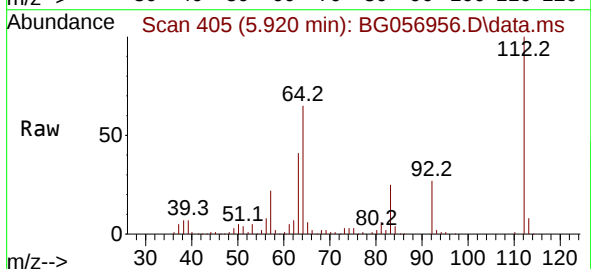
Instrument :  
BNA\_G  
ClientSampleId :  
PB151375BL

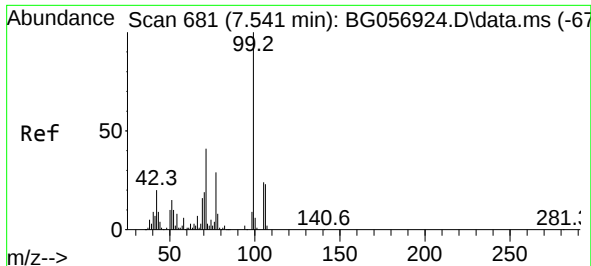
Tgt Ion:152 Resp: 15113  
Ion Ratio Lower Upper  
152 100  
150 154.2 124.1 186.1  
115 61.9 49.1 73.7



#5  
2-Fluorophenol  
Concen: 146.638 ng  
RT: 5.920 min Scan# 405  
Delta R.T. 0.001 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

Tgt Ion:112 Resp: 138470  
Ion Ratio Lower Upper  
112 100  
64 65.3 53.2 79.8  
63 40.8 32.6 48.8

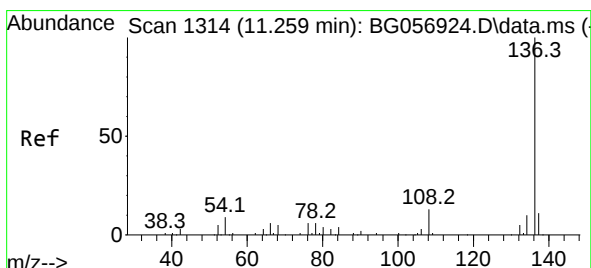
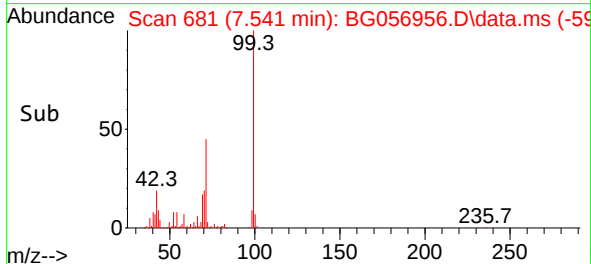
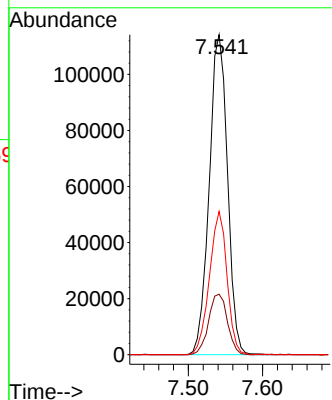
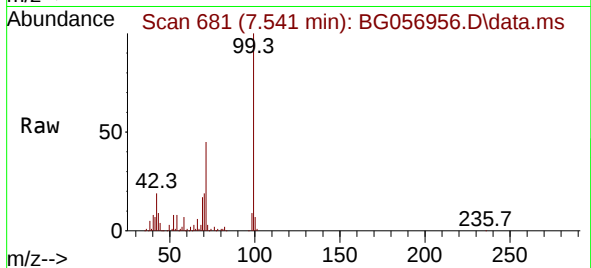




#7  
Phenol-d6  
Concen: 138.186 ng  
RT: 7.541 min Scan# 681  
Delta R.T. 0.001 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

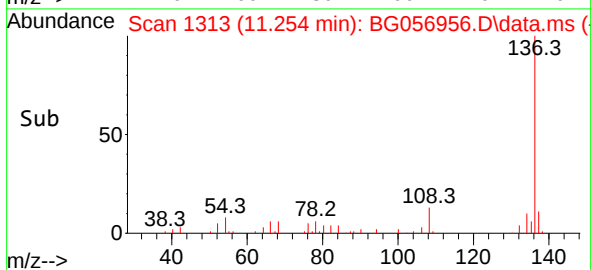
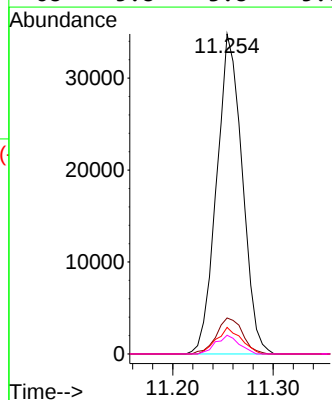
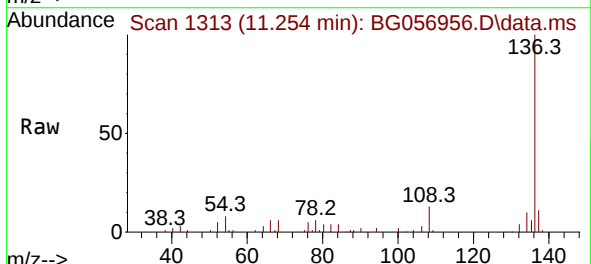
Instrument :  
BNA\_G  
ClientSampleId :  
PB151375BL

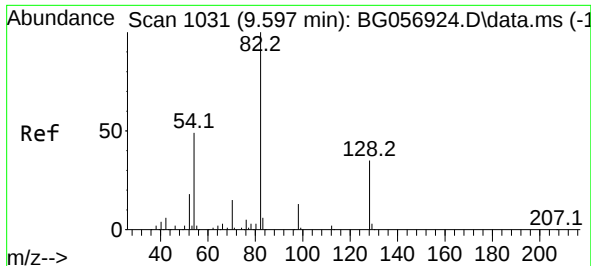
Tgt Ion: 99 Resp: 195163  
Ion Ratio Lower Upper  
99 100  
42 18.9 15.7 23.5  
71 44.7 32.5 48.7



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.254 min Scan# 1313  
Delta R.T. -0.005 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

Tgt Ion:136 Resp: 61647  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 8.3 6.9 10.3  
68 5.8 3.8 5.6#

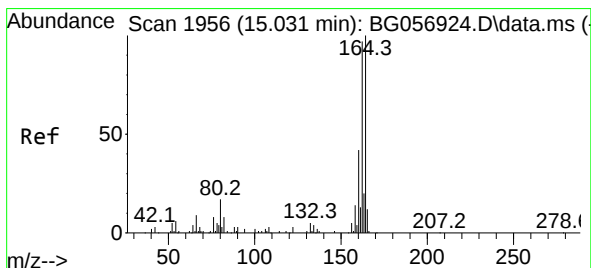
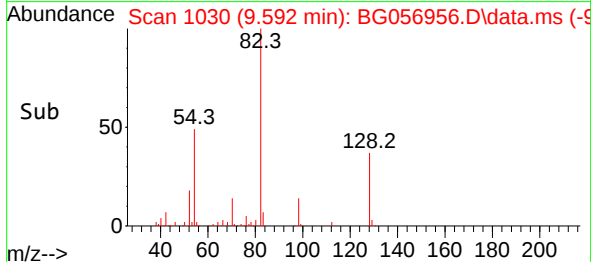
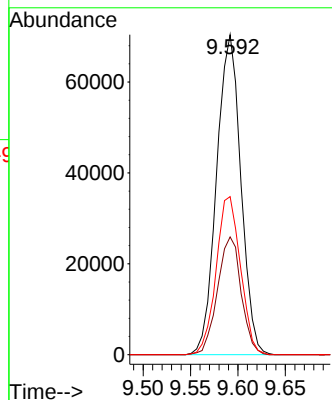
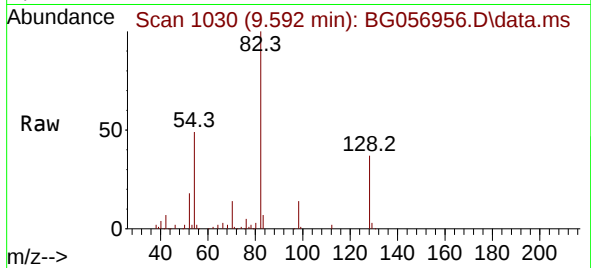




#23  
Nitrobenzene-d5  
Concen: 83.096 ng  
RT: 9.592 min Scan# 1030  
Delta R.T. -0.005 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

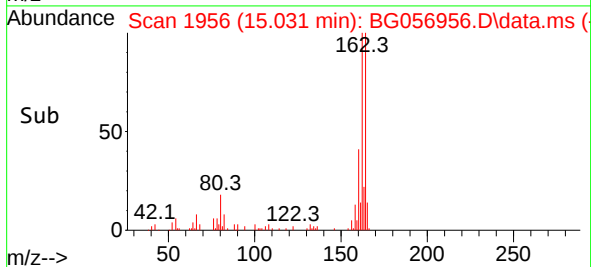
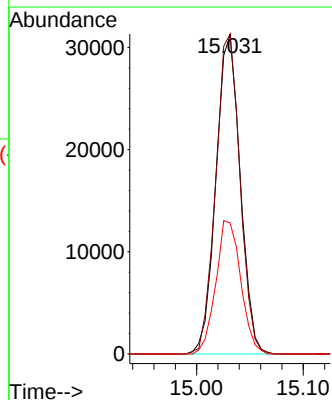
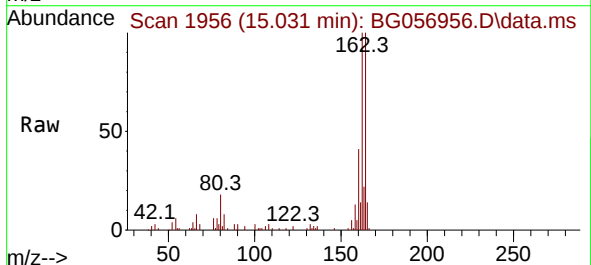
Instrument :  
BNA\_G  
ClientSampleId :  
PB151375BL

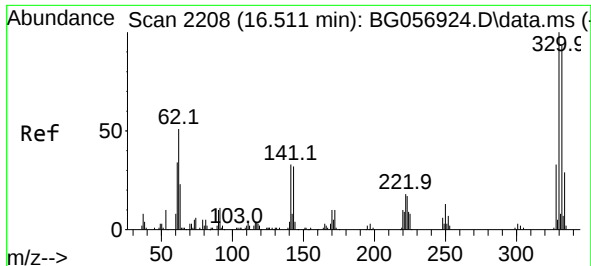
Tgt Ion: 82 Resp: 125193  
Ion Ratio Lower Upper  
82 100  
128 36.8 27.9 41.9  
54 49.4 39.4 59.2



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 15.031 min Scan# 1956  
Delta R.T. 0.001 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

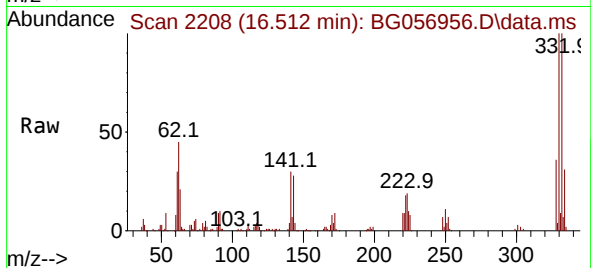
Tgt Ion:164 Resp: 49283  
Ion Ratio Lower Upper  
164 100  
162 100.2 77.8 116.8  
160 41.1 33.5 50.3



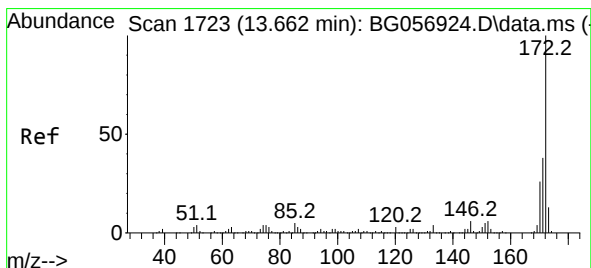
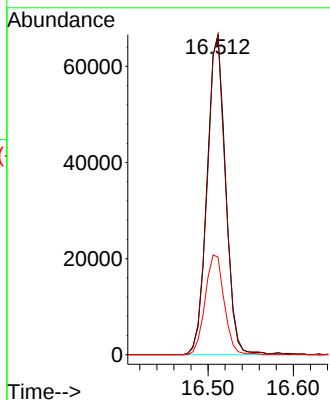
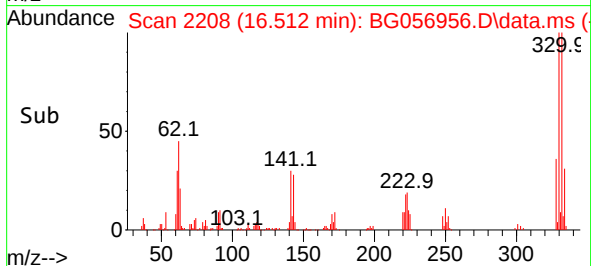


#42  
2,4,6-Tribromophenol  
Concen: 127.648 ng  
RT: 16.512 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

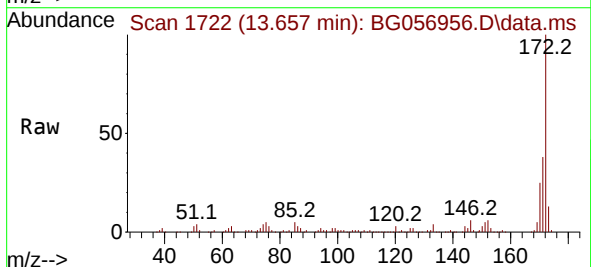
Instrument :  
BNA\_G  
ClientSampleId :  
PB151375BL



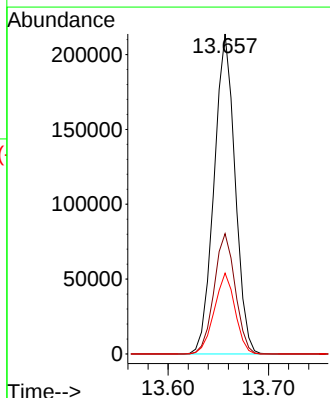
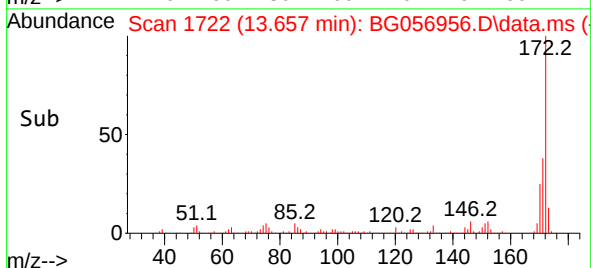
Tgt Ion:330 Resp: 100499  
Ion Ratio Lower Upper  
330 100  
332 98.4 76.1 114.1  
141 32.0 25.8 38.6

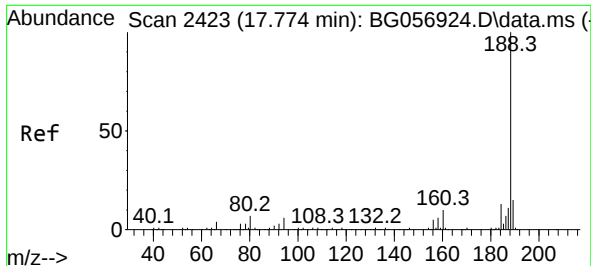


#45  
2-Fluorobiphenyl  
Concen: 85.310 ng  
RT: 13.657 min Scan# 1722  
Delta R.T. -0.005 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49



Tgt Ion:172 Resp: 310053  
Ion Ratio Lower Upper  
172 100  
171 37.6 30.6 46.0  
170 25.3 20.6 30.8

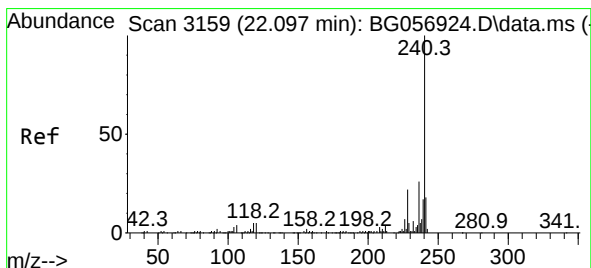
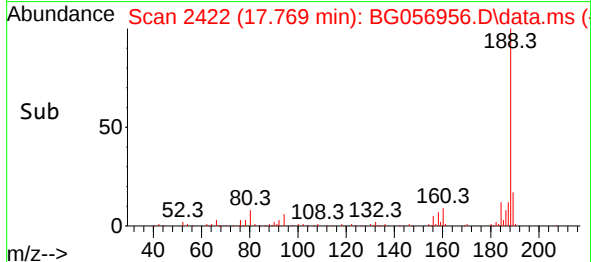
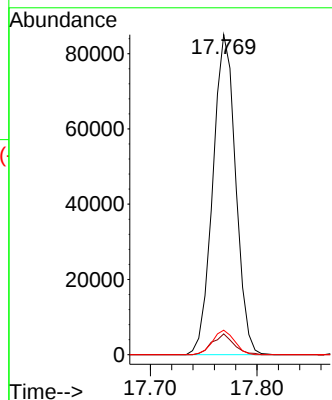
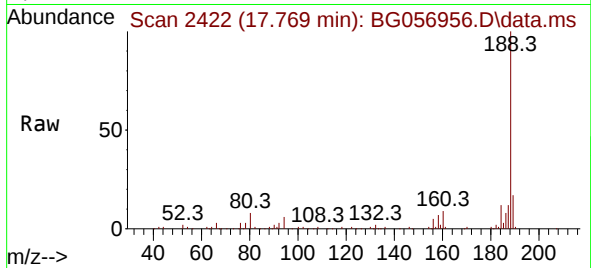




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.769 min Scan# 2422  
Delta R.T. -0.005 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

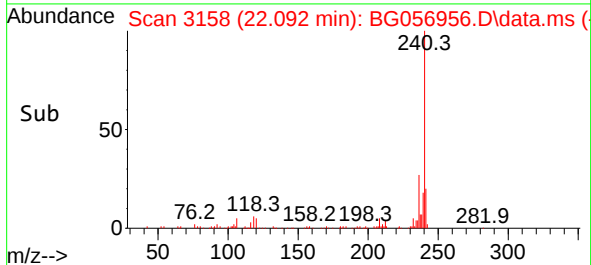
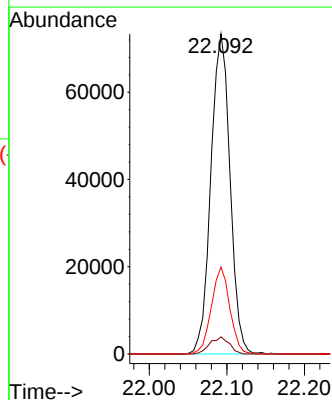
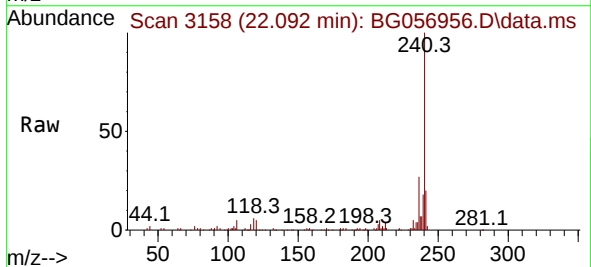
Instrument :  
BNA\_G  
ClientSampleId :  
PB151375BL

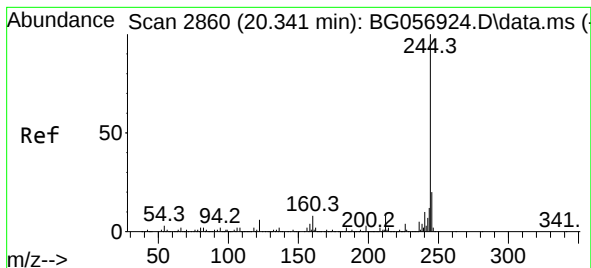
Tgt Ion:188 Resp: 126396  
Ion Ratio Lower Upper  
188 100  
94 6.5 4.6 6.8  
80 7.6 5.5 8.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.092 min Scan# 3158  
Delta R.T. -0.005 min  
Lab File: BG056956.D  
Acq: 3 Apr 2023 13:49

Tgt Ion:240 Resp: 125905  
Ion Ratio Lower Upper  
240 100  
120 5.4 3.8 5.6  
236 27.1 21.0 31.6





#79

Terphenyl-d14

Concen: 94.173 ng

RT: 20.342 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG056956.D

Acq: 3 Apr 2023 13:49

Instrument :

BNA\_G

ClientSampleId :

PB151375BL

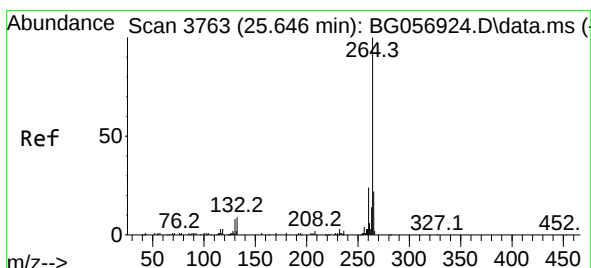
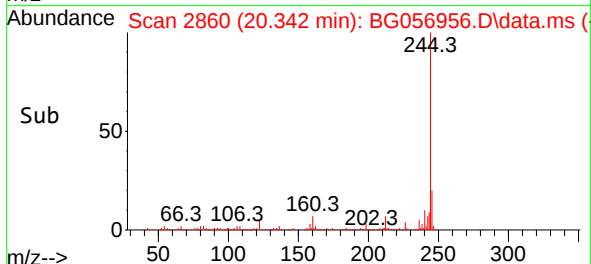
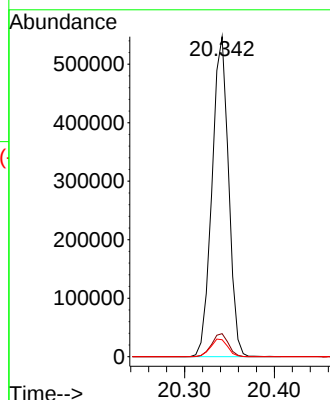
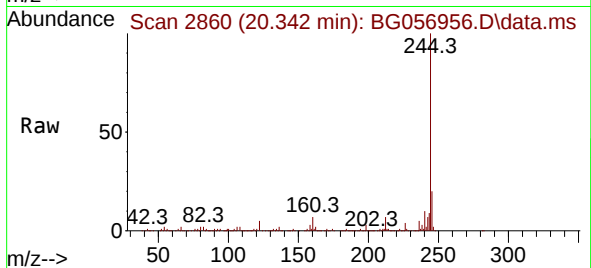
Tgt Ion:244 Resp: 700691

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 5.3 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.640 min Scan# 3762

Delta R.T. -0.005 min

Lab File: BG056956.D

Acq: 3 Apr 2023 13:49

Tgt Ion:264 Resp: 136440

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.6 17.8 26.6

