

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082222\  
 Data File : BG054697.D  
 Acq On : 23 Aug 2022 1:52  
 Operator : CG/JU  
 Sample : PB147159BL  
 Misc :  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147159BL

Quant Time: Aug 23 05:24:24 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Aug 23 03:09:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.159  | 152  | 57210    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.979 | 136  | 235590   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.786 | 164  | 152665   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.530 | 188  | 343634   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.825 | 240  | 325982   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.192 | 264  | 328906   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.697  | 112  | 460939   | 151.827 | ng    | 0.00     |
| 7) Phenol-d6                | 7.301  | 99   | 607070   | 142.706 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.328  | 82   | 360713   | 87.256  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.273 | 330  | 195910   | 160.240 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.411 | 172  | 854511   | 82.544  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.133 | 244  | 1412974  | 86.104  | ng    | 0.00     |

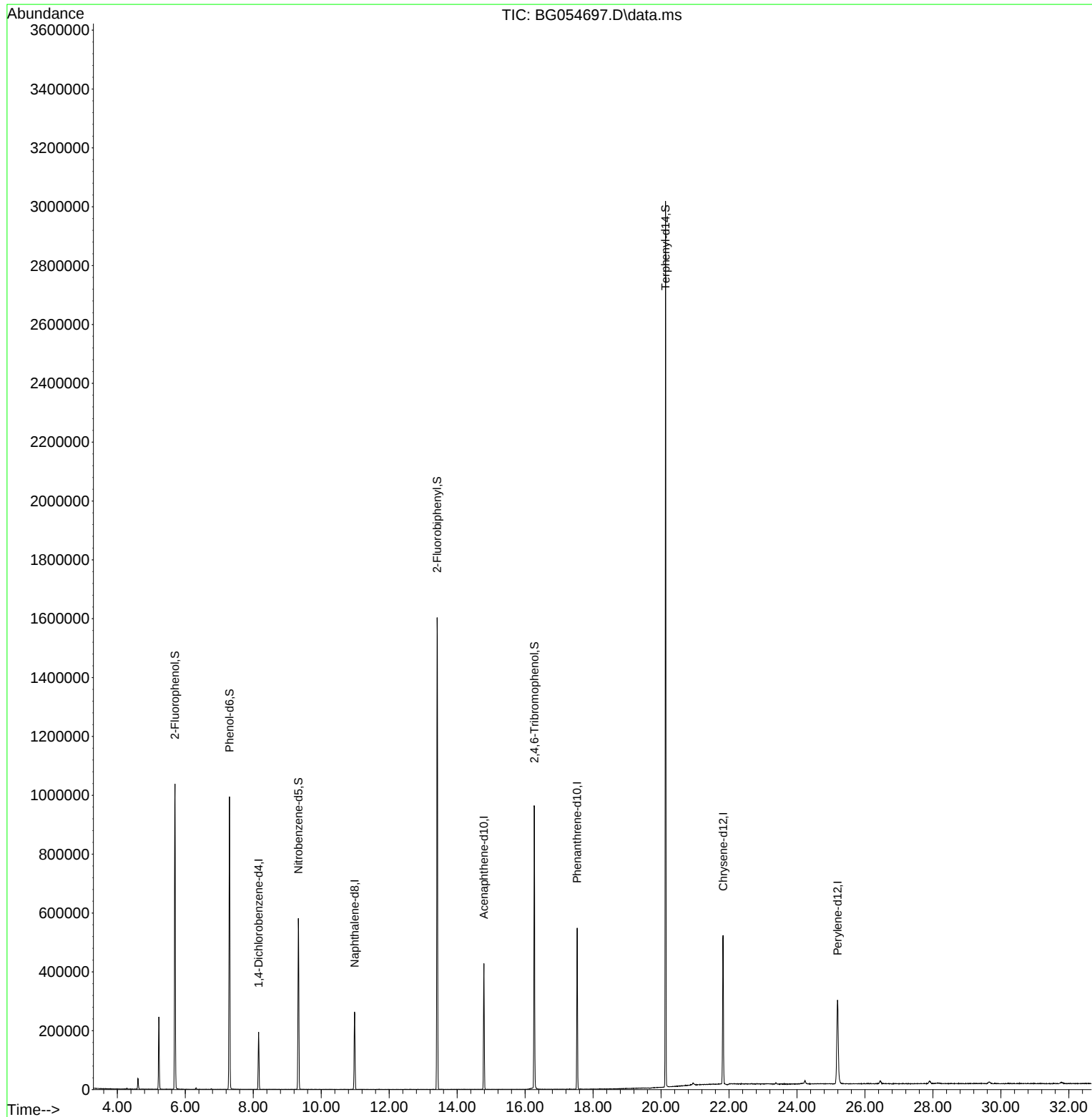
Target Compounds Qvalue

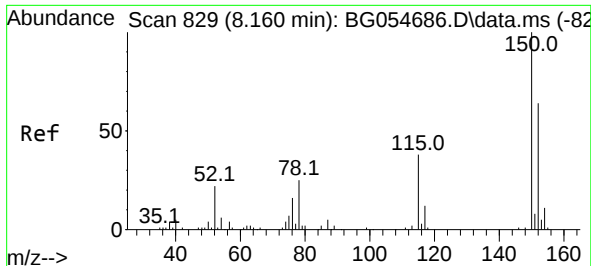
-----  
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082222\  
Data File : BG054697.D  
Acq On : 23 Aug 2022 1:52  
Operator : CG/JU  
Sample : PB147159BL  
Misc :  
ALS Vial : 16 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PB147159BL

Quant Time: Aug 23 05:24:24 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG082222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Aug 23 03:09:46 2022  
Response via : Initial Calibration

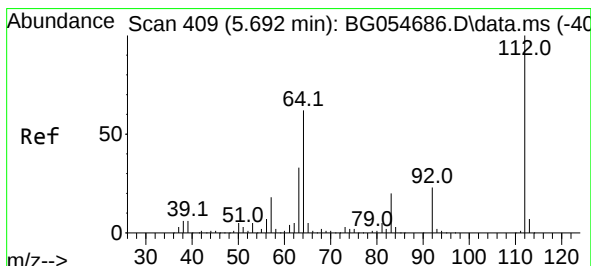
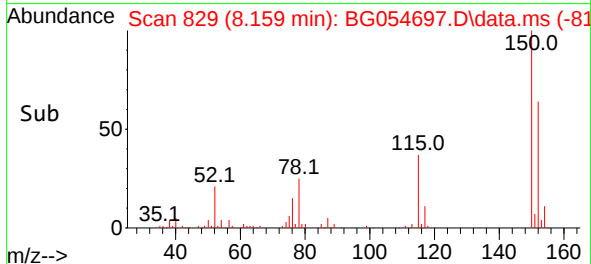
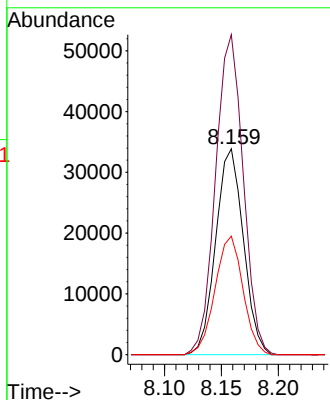
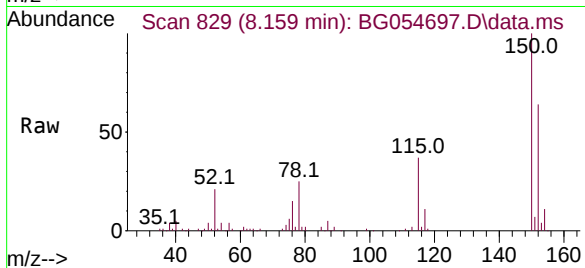




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.159 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

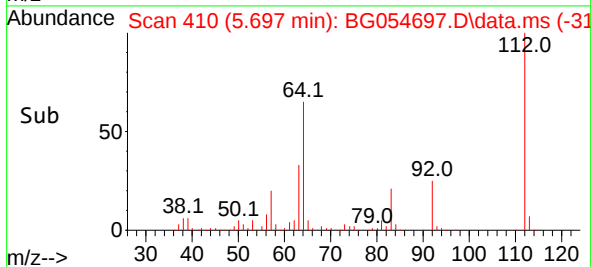
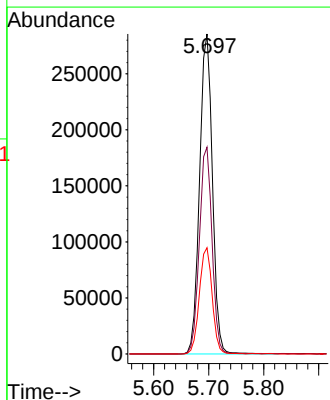
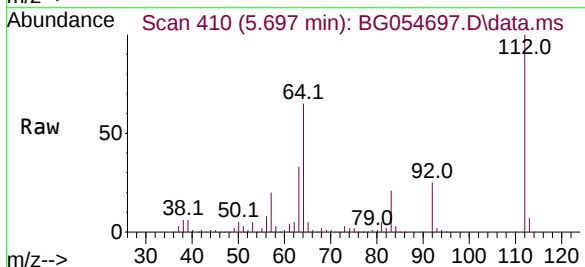
Instrument :  
BNA\_G  
ClientSampleId :  
PB147159BL

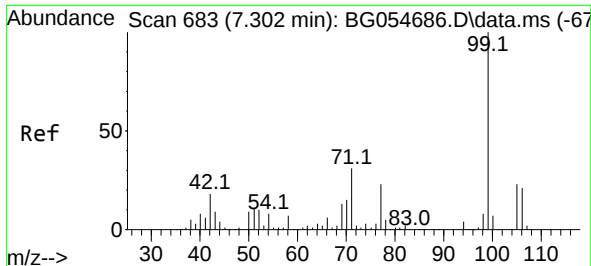
Tgt Ion:152 Resp: 57210  
Ion Ratio Lower Upper  
152 100  
150 155.5 125.2 187.8  
115 57.6 47.9 71.9



#5  
2-Fluorophenol  
Concen: 151.827 ng  
RT: 5.697 min Scan# 410  
Delta R.T. 0.005 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

Tgt Ion:112 Resp: 460939  
Ion Ratio Lower Upper  
112 100  
64 64.6 49.3 73.9  
63 33.2 26.3 39.5

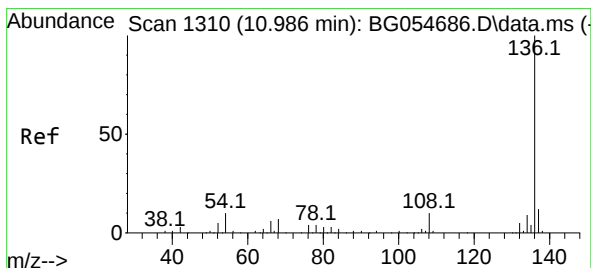
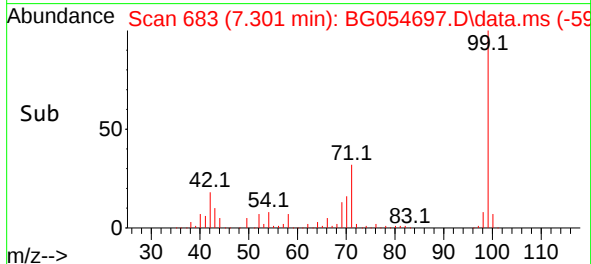
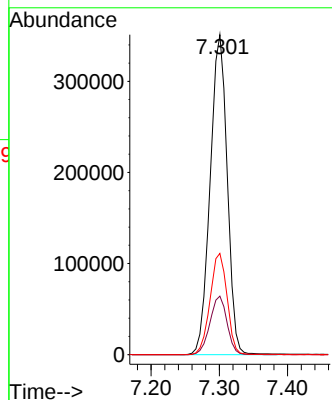
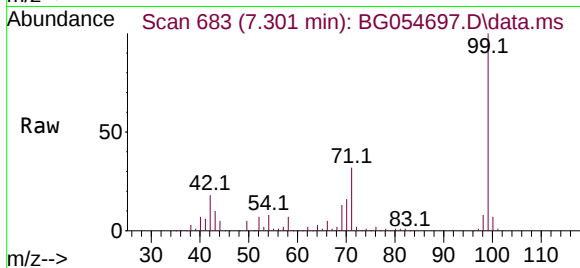




#7  
Phenol-d6  
Concen: 142.706 ng  
RT: 7.301 min Scan# 683  
Delta R.T. -0.001 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

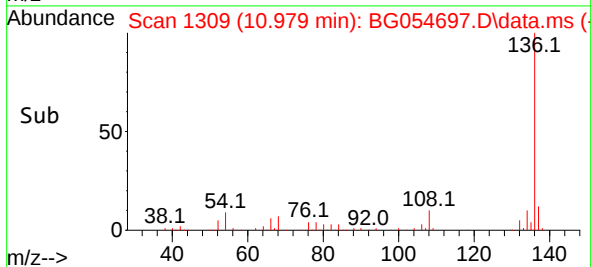
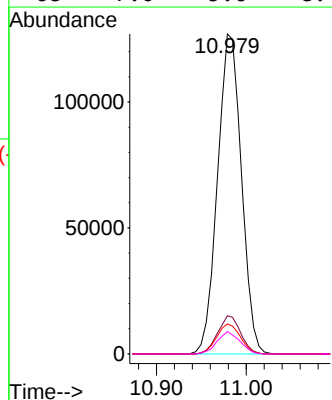
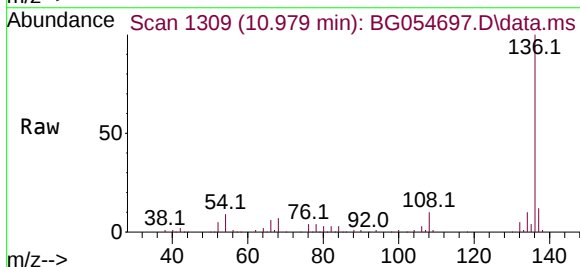
Instrument :  
BNA\_G  
ClientSampleId :  
PB147159BL

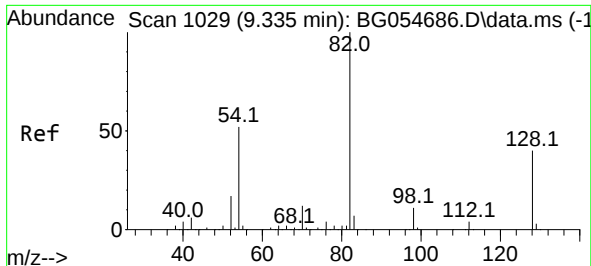
Tgt Ion: 99 Resp: 607070  
Ion Ratio Lower Upper  
99 100  
42 18.3 14.6 22.0  
71 31.6 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.979 min Scan# 1309  
Delta R.T. -0.007 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

Tgt Ion:136 Resp: 235590  
Ion Ratio Lower Upper  
136 100  
137 11.9 9.2 13.8  
54 9.4 7.7 11.5  
68 7.0 5.6 8.4

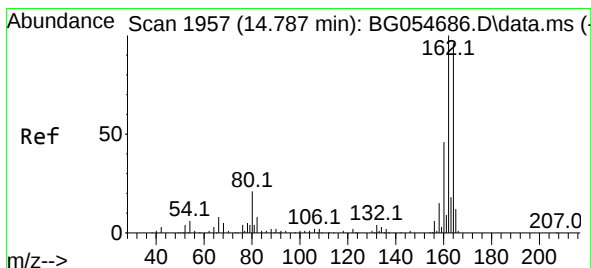
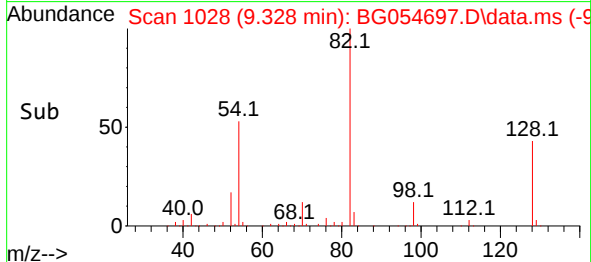
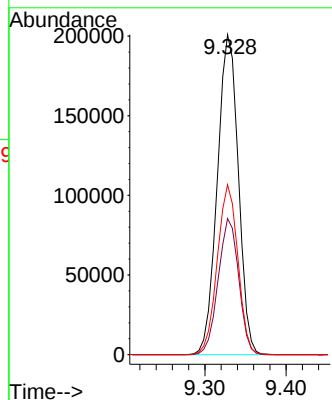
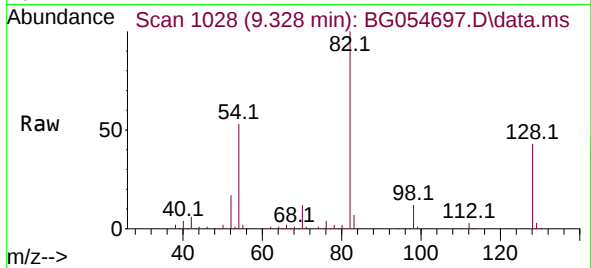




#23  
Nitrobenzene-d5  
Concen: 87.256 ng  
RT: 9.328 min Scan# 1028  
Delta R.T. -0.007 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

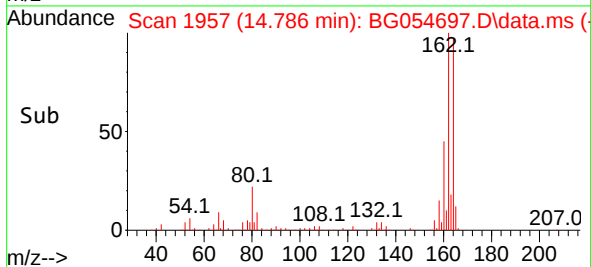
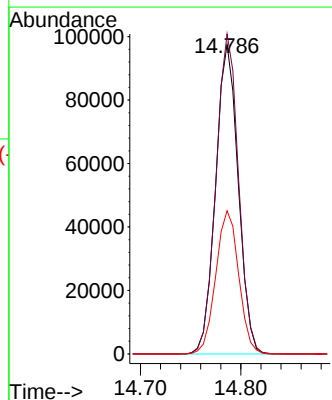
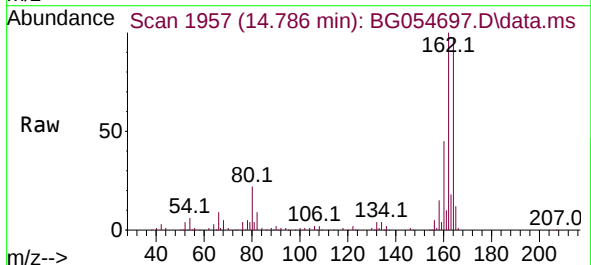
Instrument :  
BNA\_G  
ClientSampleId :  
PB147159BL

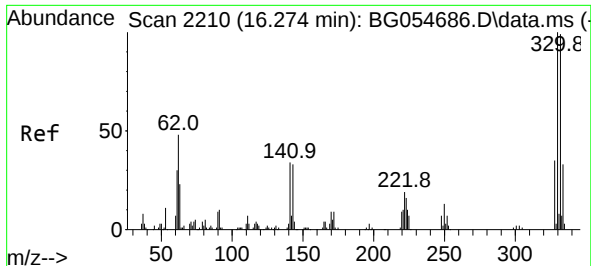
Tgt Ion: 82 Resp: 360713  
Ion Ratio Lower Upper  
82 100  
128 42.5 32.2 48.2  
54 53.1 41.4 62.0



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.786 min Scan# 1957  
Delta R.T. -0.001 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

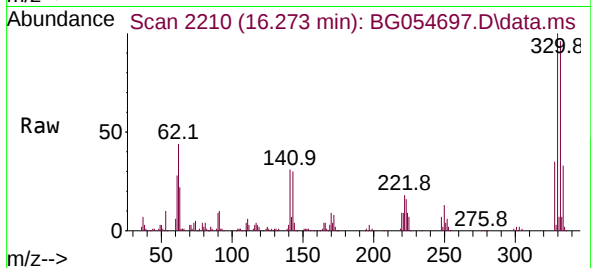
Tgt Ion: 164 Resp: 152665  
Ion Ratio Lower Upper  
164 100  
162 103.4 83.0 124.4  
160 46.3 38.0 57.0



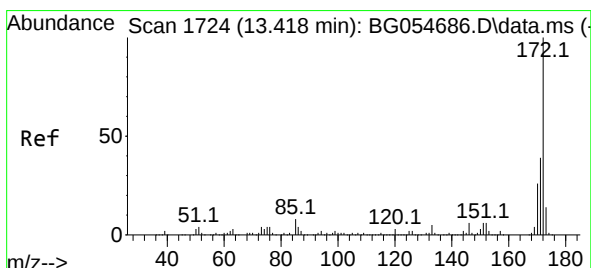
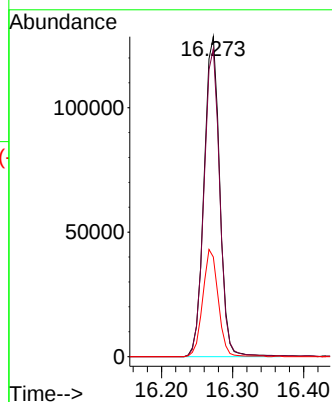
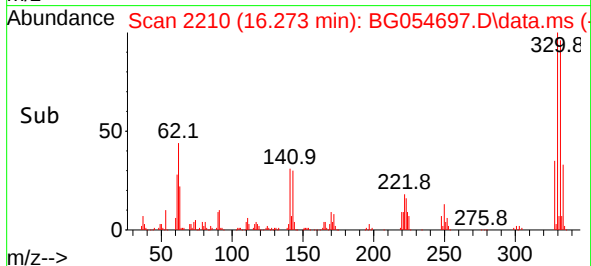


#42  
2,4,6-Tribromophenol  
Concen: 160.240 ng  
RT: 16.273 min Scan# 2210  
Delta R.T. -0.001 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52

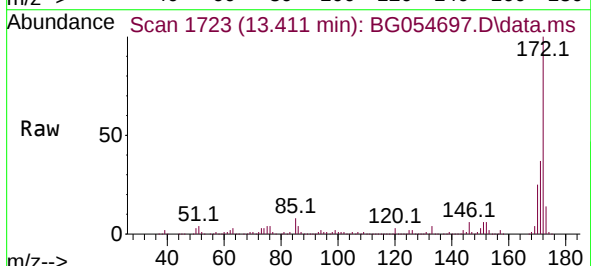
Instrument :  
BNA\_G  
ClientSampleId :  
PB147159BL



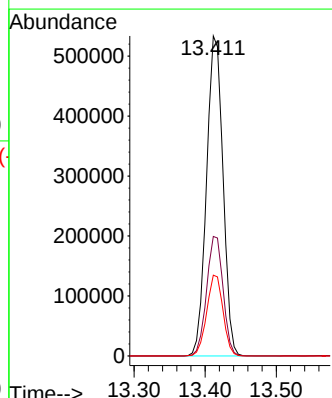
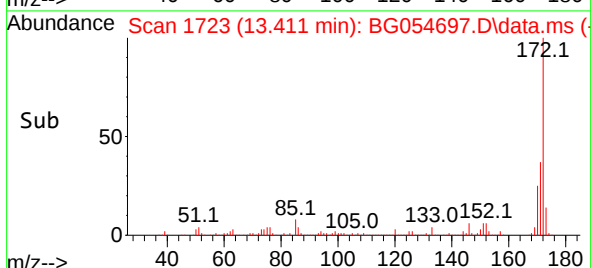
Tgt Ion:330 Resp: 195910  
Ion Ratio Lower Upper  
330 100  
332 96.7 79.8 119.6  
141 32.9 26.8 40.2

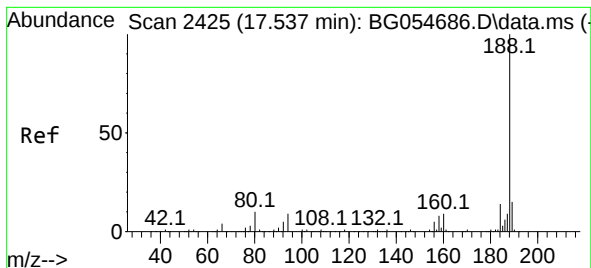


#45  
2-Fluorobiphenyl  
Concen: 82.544 ng  
RT: 13.411 min Scan# 1723  
Delta R.T. -0.007 min  
Lab File: BG054697.D  
Acq: 23 Aug 2022 1:52



Tgt Ion:172 Resp: 854511  
Ion Ratio Lower Upper  
172 100  
171 37.3 31.2 46.8  
170 25.2 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.530 min Scan# 2425

Delta R.T. -0.007 min

Lab File: BG054697.D

Acq: 23 Aug 2022 1:52

Instrument :

BNA\_G

ClientSampleId :

PB147159BL

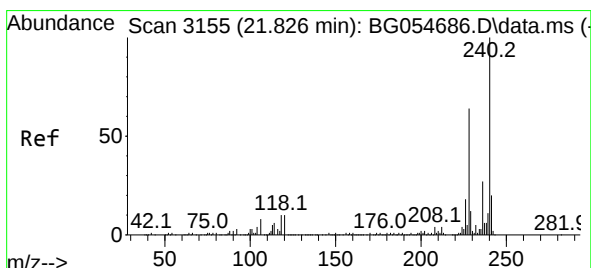
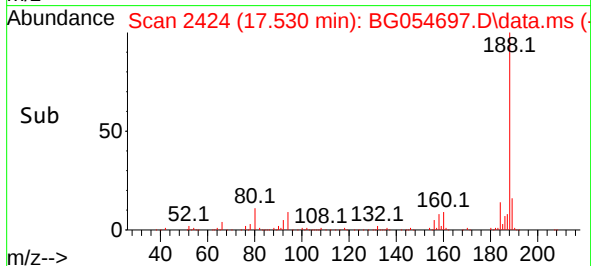
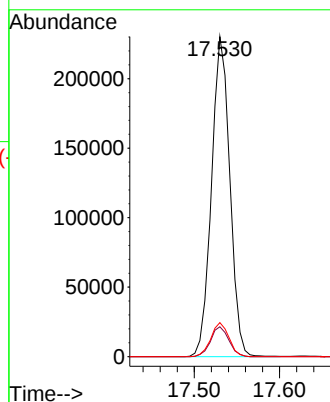
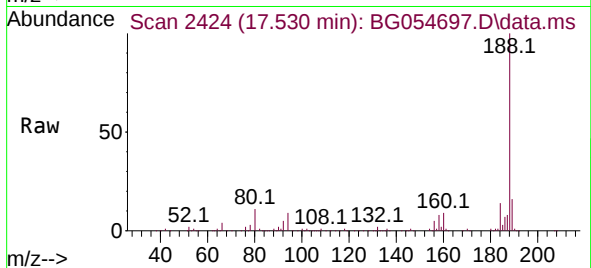
Tgt Ion:188 Resp: 343634

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.825 min Scan# 3155

Delta R.T. -0.001 min

Lab File: BG054697.D

Acq: 23 Aug 2022 1:52

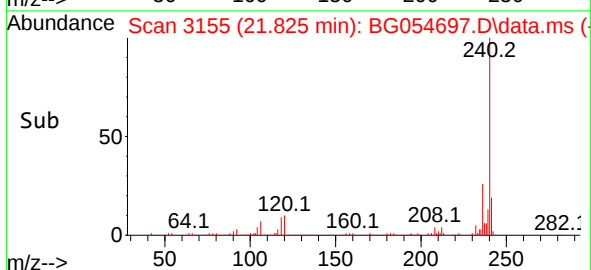
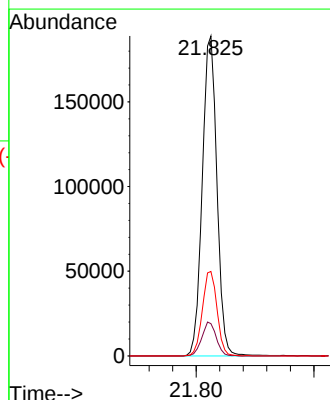
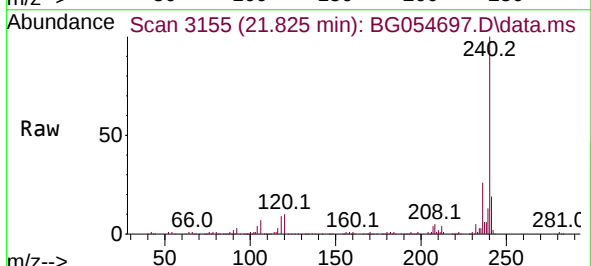
Tgt Ion:240 Resp: 325982

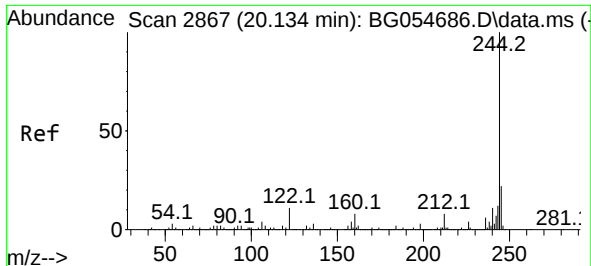
Ion Ratio Lower Upper

240 100

120 10.1 8.2 12.4

236 26.4 21.2 31.8

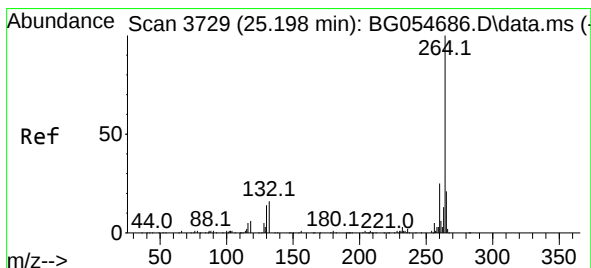
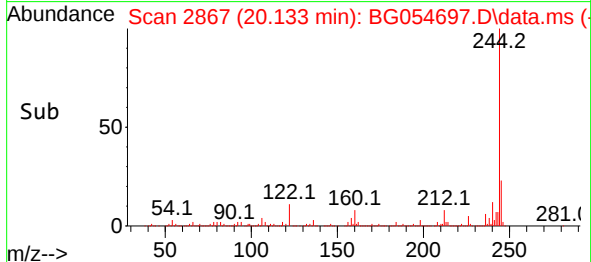
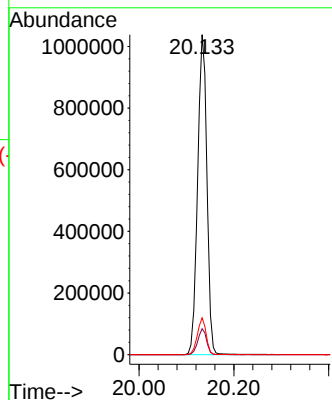
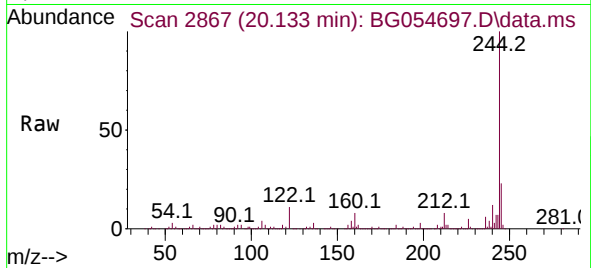




#79  
 Terphenyl-d14  
 Concen: 86.104 ng  
 RT: 20.133 min Scan# 2867  
 Delta R.T. -0.001 min  
 Lab File: BG054697.D  
 Acq: 23 Aug 2022 1:52

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB147159BL

Tgt Ion:244 Resp: 1412974  
 Ion Ratio Lower Upper  
 244 100  
 212 8.1 6.2 9.2  
 122 11.5 9.0 13.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.192 min Scan# 3728  
 Delta R.T. -0.007 min  
 Lab File: BG054697.D  
 Acq: 23 Aug 2022 1:52

Tgt Ion:264 Resp: 328906  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.9 29.9  
 265 21.9 16.9 25.3

