

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082322\  
 Data File : BG054711.D  
 Acq On : 23 Aug 2022 17:35  
 Operator : CG/JU  
 Sample : N4272-01  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124042

Quant Time: Aug 24 01:50:42 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

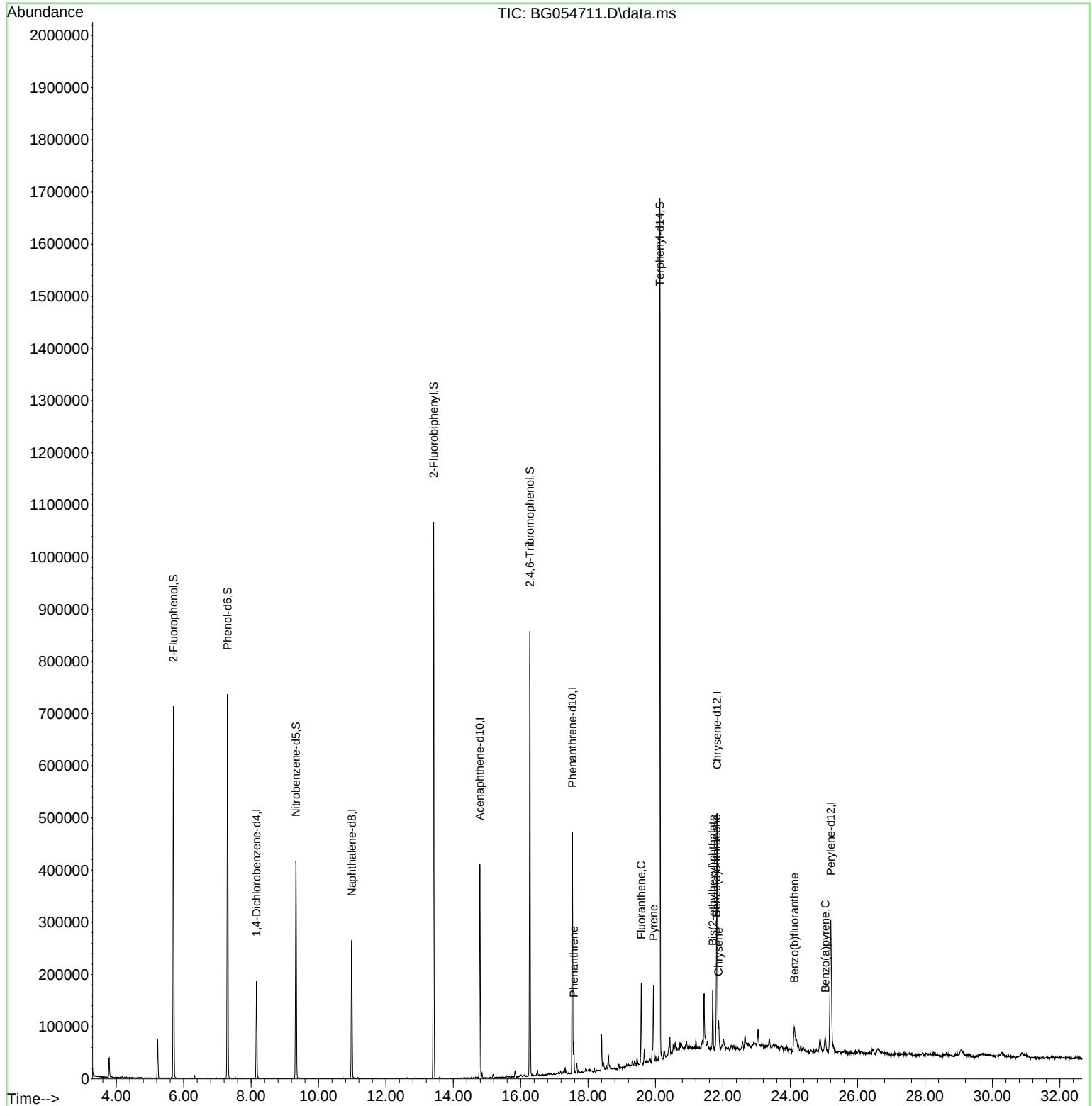
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.159  | 152  | 53876    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.985 | 136  | 229373   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.787 | 164  | 149176   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.537 | 188  | 302269   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.826 | 240  | 267040   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.198 | 264  | 281099   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.697  | 112  | 315824   | 110.466 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.301  | 99   | 429766   | 107.279 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.328  | 82   | 260769   | 64.789  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.273 | 330  | 167519   | 140.223 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.418 | 172  | 567023   | 56.054  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.133 | 244  | 789340   | 58.718  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       | Qvalue   |
| 71) Phenanthrene              | 17.578 | 178  | 36056    | 2.238   | ng    | 98       |
| 75) Fluoranthene              | 19.581 | 202  | 94132    | 4.956   | ng    | 97       |
| 78) Pyrene                    | 19.940 | 202  | 90892    | 4.825   | ng    | 99       |
| 81) Benzo(a)anthracene        | 21.808 | 228  | 43744    | 2.412   | ng    | 99       |
| 83) Chrysene                  | 21.873 | 228  | 39702    | 2.300   | ng    | 98       |
| 84) Bis(2-ethylhexyl)phtha... | 21.702 | 149  | 46446    | 8.706   | ng    | 98       |
| 88) Benzo(b)fluoranthene      | 24.117 | 252  | 57880    | 3.316   | ng    | 98       |
| 90) Benzo(a)pyrene            | 25.039 | 252  | 34379    | 2.295   | ng    | # 94     |
| -----                         |        |      |          |         |       |          |

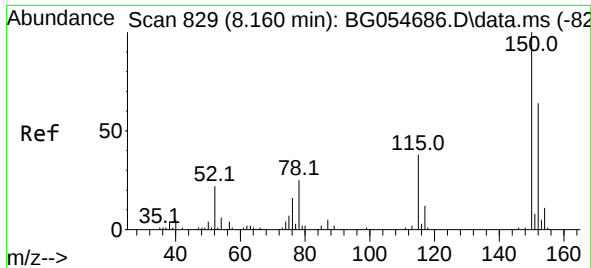
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG082322\  
Data File : BG054711.D  
Acq On : 23 Aug 2022 17:35  
Operator : CG/JU  
Sample : N4272-01  
Misc :  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

Quant Time: Aug 24 01:50:42 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

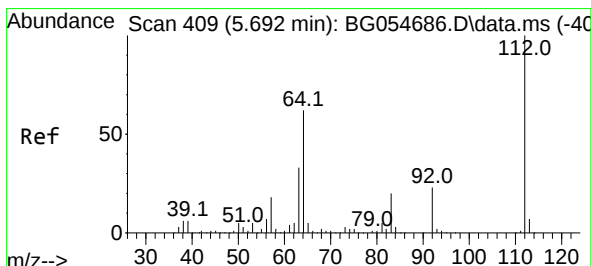
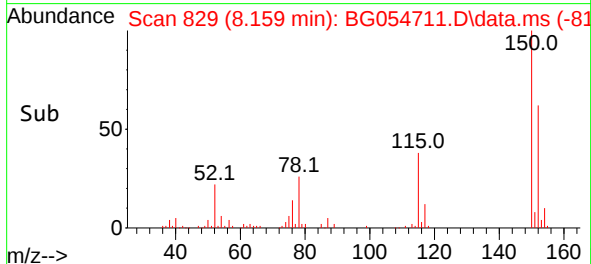
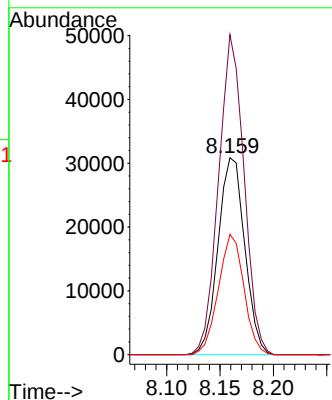
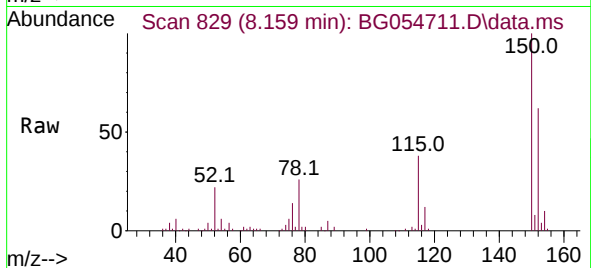




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.159 min Scan# 81  
Delta R.T. -0.001 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

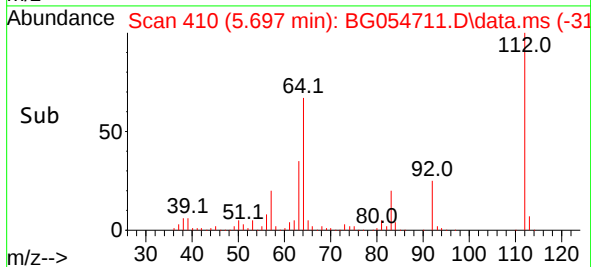
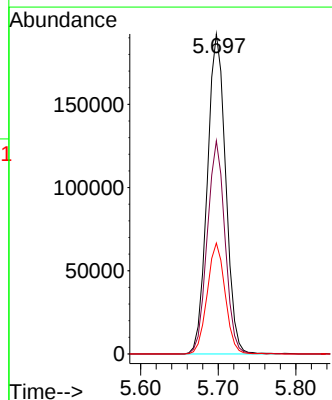
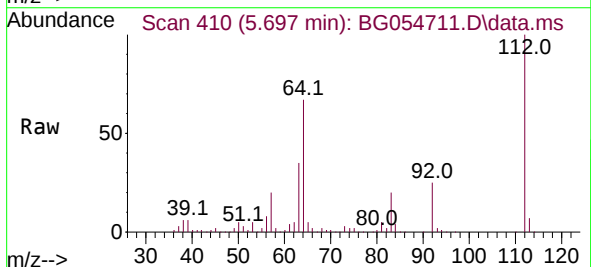
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

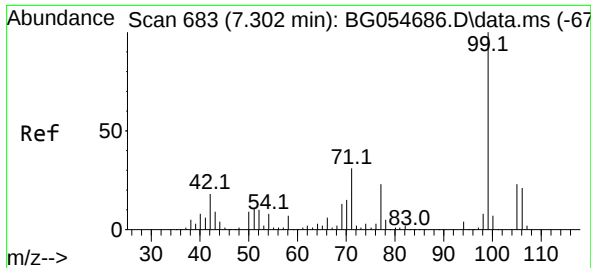
Tgt Ion:152 Resp: 53876  
Ion Ratio Lower Upper  
152 100  
150 162.6 125.2 187.8  
115 61.1 47.9 71.9



#5  
2-Fluorophenol  
Concen: 110.466 ng  
RT: 5.697 min Scan# 410  
Delta R.T. 0.006 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:112 Resp: 315824  
Ion Ratio Lower Upper  
112 100  
64 66.6 49.3 73.9  
63 34.6 26.3 39.5

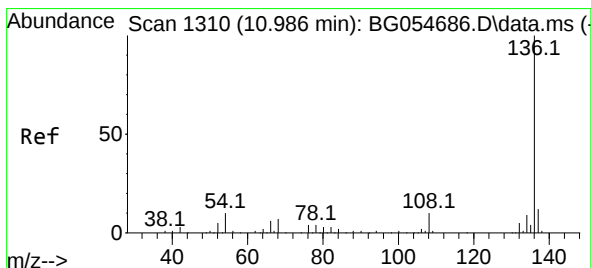
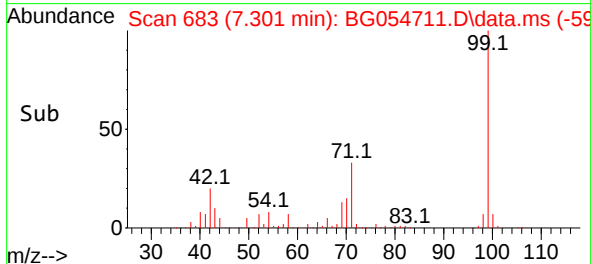
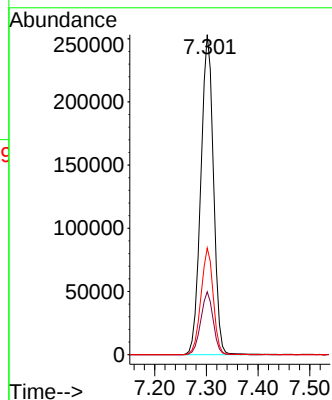
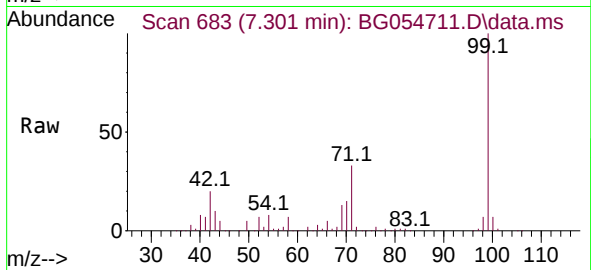




#7  
Phenol-d6  
Concen: 107.279 ng  
RT: 7.301 min Scan# 683  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

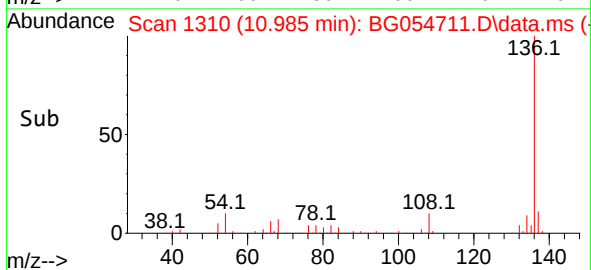
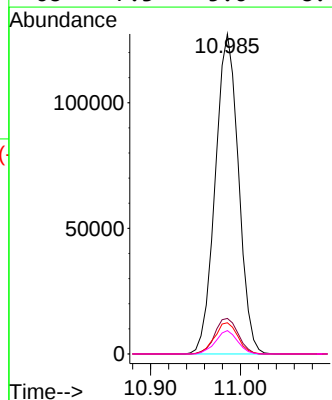
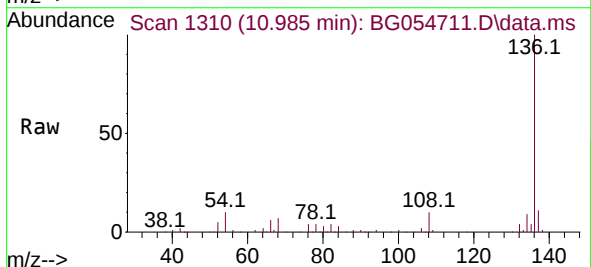
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

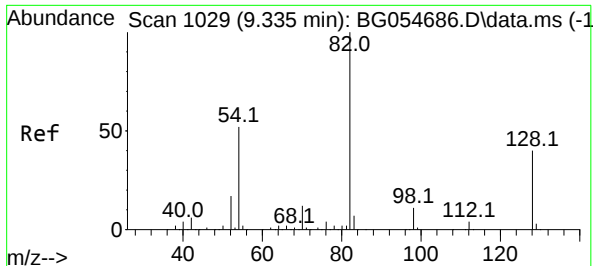
Tgt Ion: 99 Resp: 429766  
Ion Ratio Lower Upper  
99 100  
42 19.6 14.6 22.0  
71 33.3 24.6 37.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.985 min Scan# 1310  
Delta R.T. -0.001 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion: 136 Resp: 229373  
Ion Ratio Lower Upper  
136 100  
137 11.1 9.2 13.8  
54 9.7 7.7 11.5  
68 7.3 5.6 8.4





#23

Nitrobenzene-d5

Concen: 64.789 ng

RT: 9.328 min Scan# 1028

Delta R.T. -0.006 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

Instrument :

BNA\_G

ClientSampleId :

PSC-124042

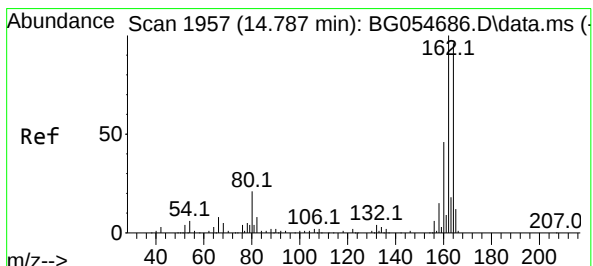
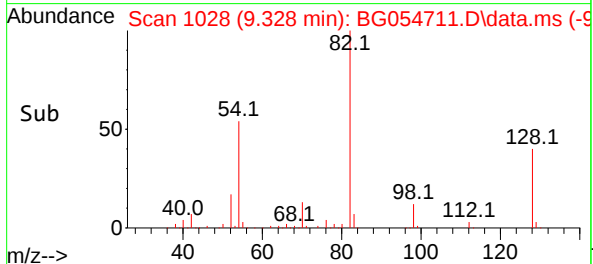
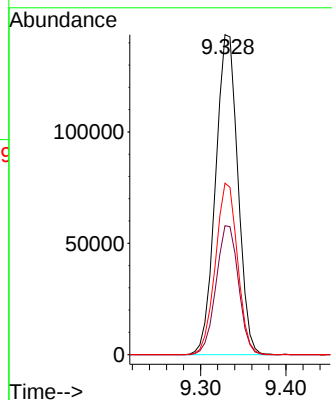
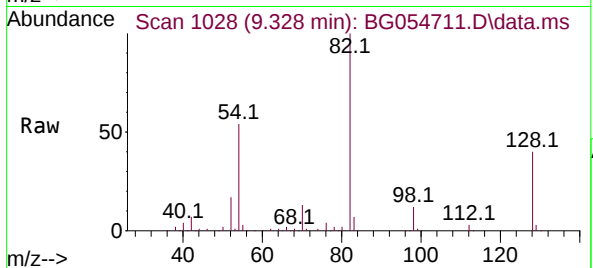
Tgt Ion: 82 Resp: 260769

Ion Ratio Lower Upper

82 100

128 40.3 32.2 48.2

54 53.6 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.787 min Scan# 1957

Delta R.T. -0.000 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

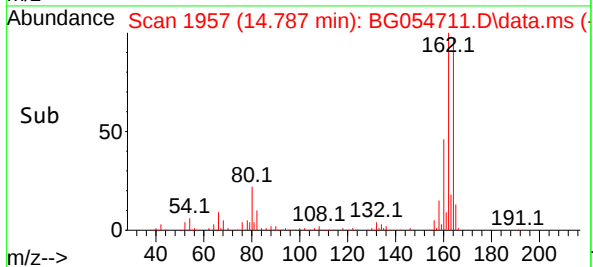
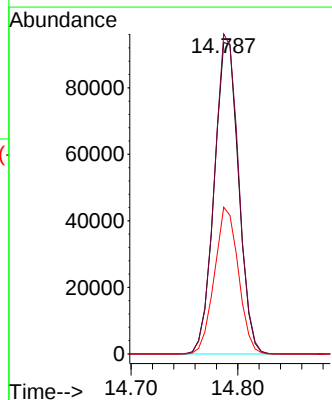
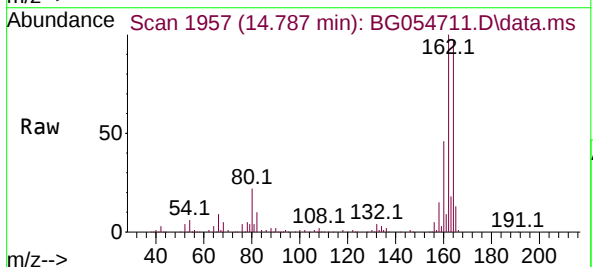
Tgt Ion: 164 Resp: 149176

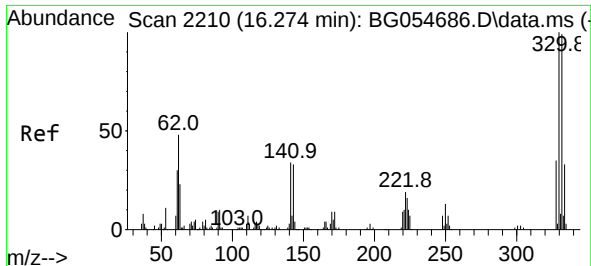
Ion Ratio Lower Upper

164 100

162 102.8 83.0 124.4

160 47.1 38.0 57.0

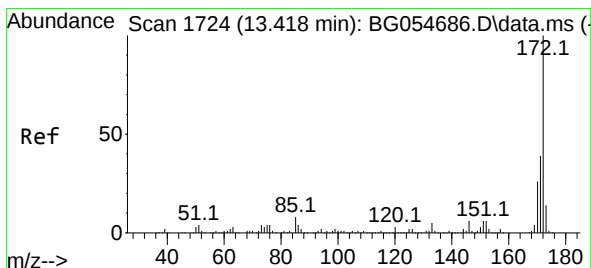
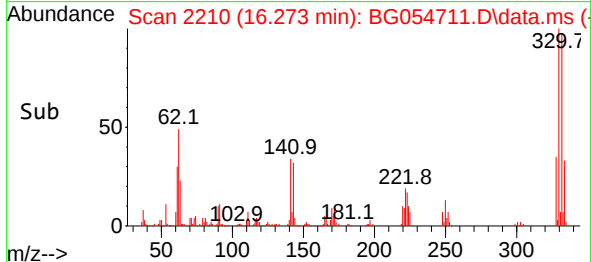
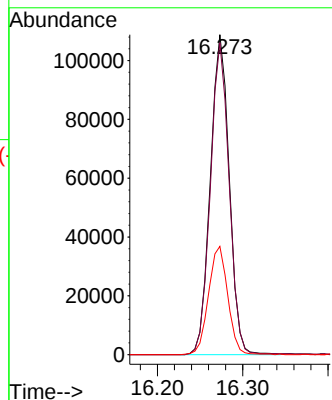
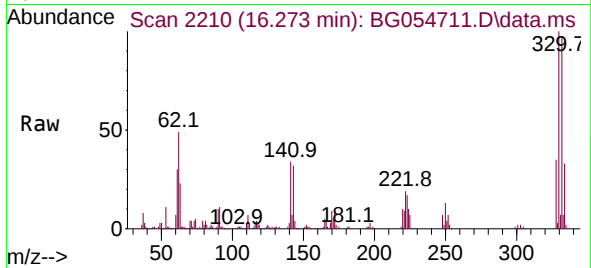




#42  
2,4,6-Tribromophenol  
Concen: 140.223 ng  
RT: 16.273 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

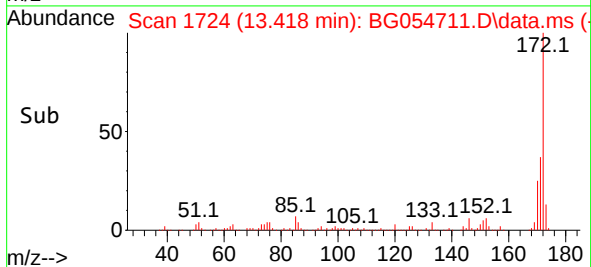
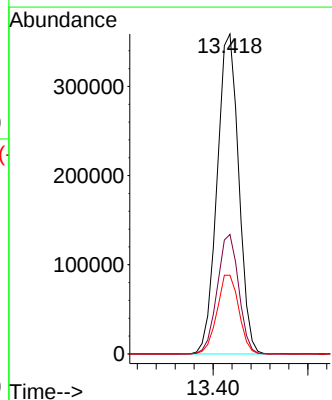
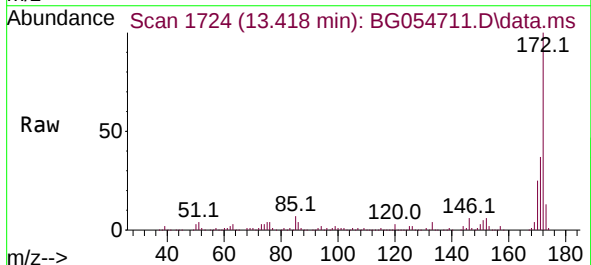
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

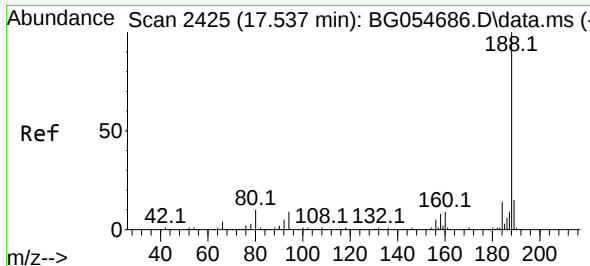
Tgt Ion:330 Resp: 167519  
Ion Ratio Lower Upper  
330 100  
332 96.5 79.8 119.6  
141 34.5 26.8 40.2



#45  
2-Fluorobiphenyl  
Concen: 56.054 ng  
RT: 13.418 min Scan# 1724  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:172 Resp: 567023  
Ion Ratio Lower Upper  
172 100  
171 37.3 31.2 46.8  
170 24.6 20.6 30.8

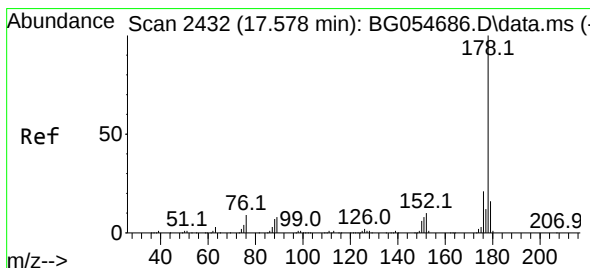
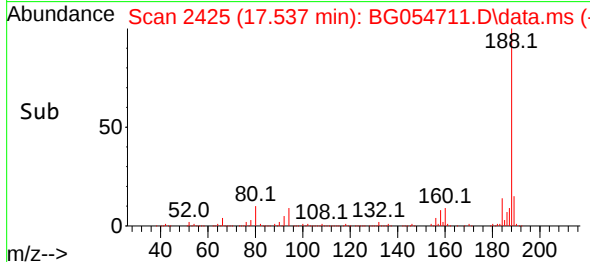
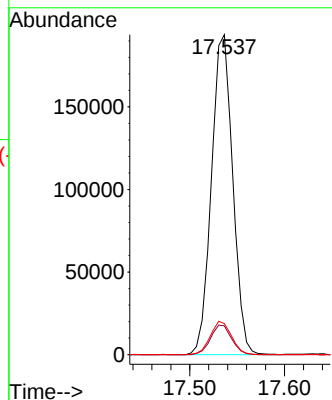
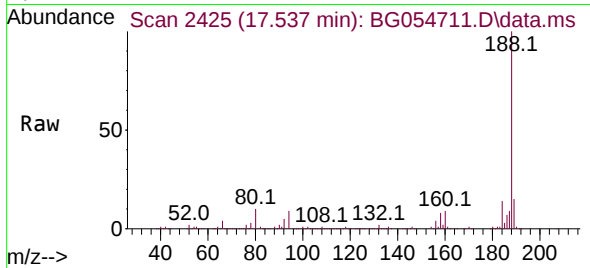




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.537 min Scan# 2425  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

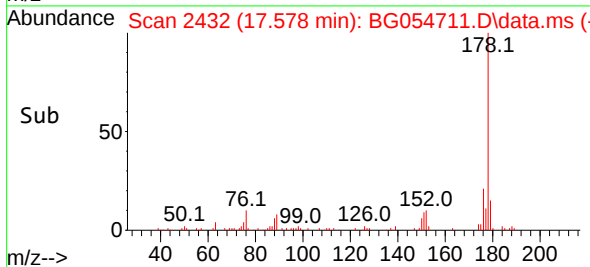
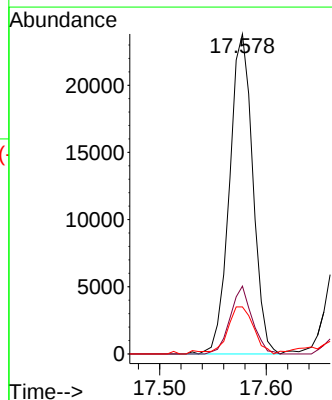
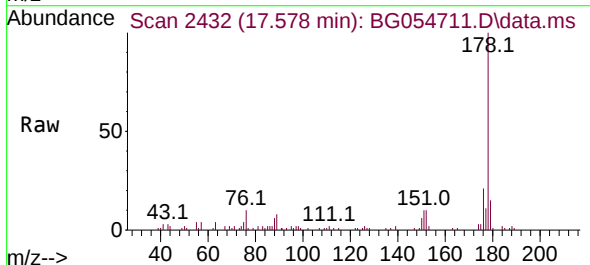
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

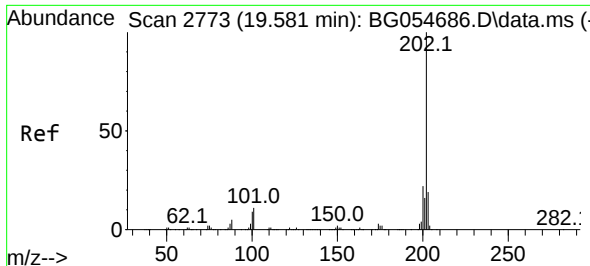
Tgt Ion:188 Resp: 302269  
Ion Ratio Lower Upper  
188 100  
94 9.0 7.0 10.4  
80 9.7 7.9 11.9



#71  
Phenanthrene  
Concen: 2.238 ng  
RT: 17.578 min Scan# 2432  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:178 Resp: 36056  
Ion Ratio Lower Upper  
178 100  
176 21.2 16.6 25.0  
179 14.7 12.8 19.2

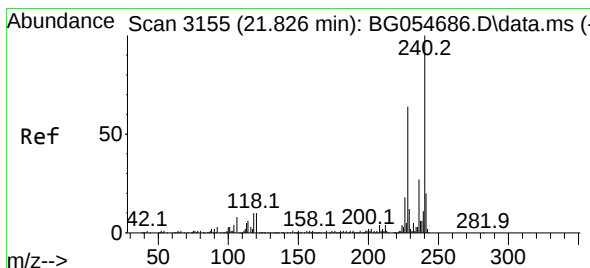
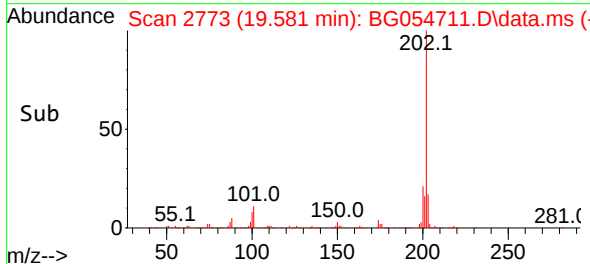
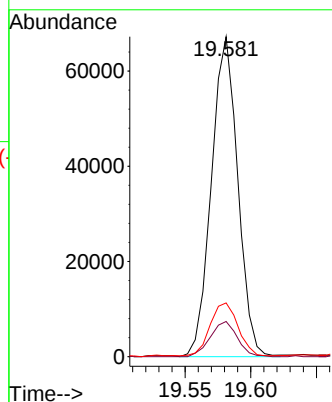
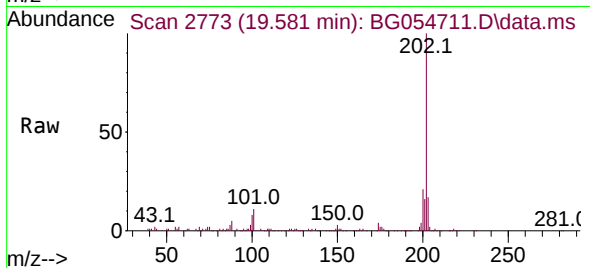




#75  
Fluoranthene  
Concen: 4.956 ng  
RT: 19.581 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

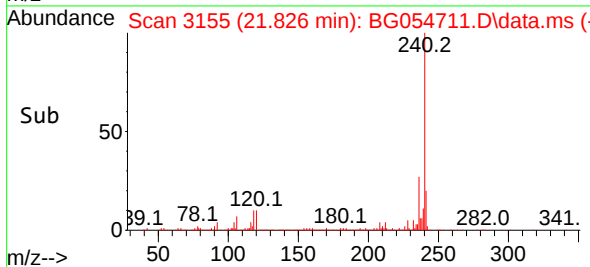
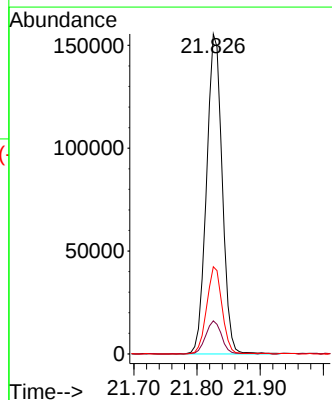
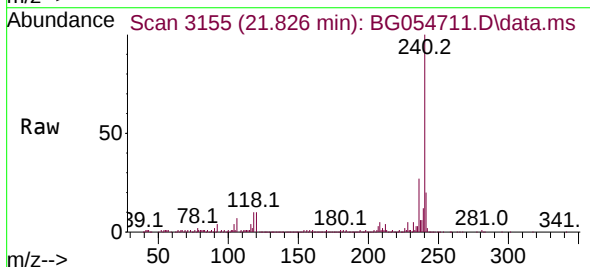
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

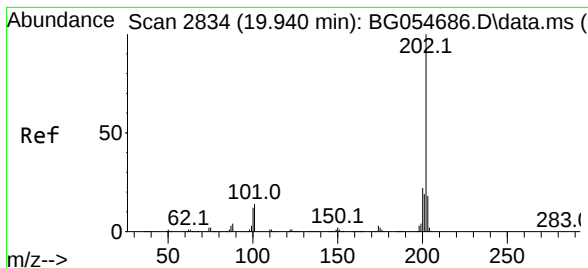
Tgt Ion:202 Resp: 94132  
Ion Ratio Lower Upper  
202 100  
101 11.0 0.0 31.4  
203 16.8 0.0 38.6



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.826 min Scan# 3155  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:240 Resp: 267040  
Ion Ratio Lower Upper  
240 100  
120 10.3 8.2 12.4  
236 27.2 21.2 31.8





#78

Pyrene

Concen: 4.825 ng

RT: 19.940 min Scan# 2834

Delta R.T. -0.000 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

Instrument :

BNA\_G

ClientSampleId :

PSC-124042

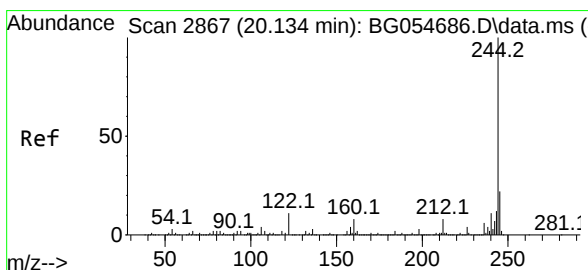
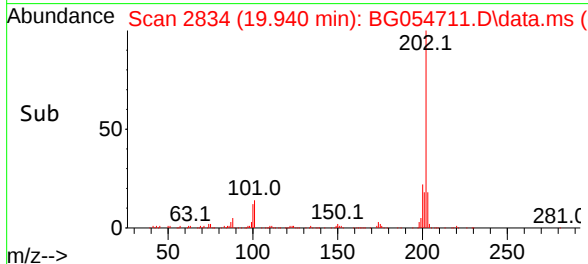
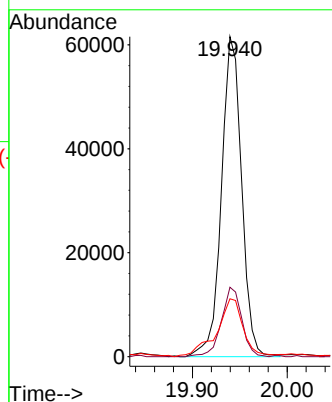
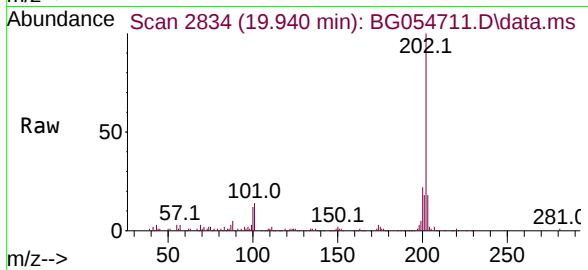
Tgt Ion:202 Resp: 90892

Ion Ratio Lower Upper

202 100

200 21.7 17.8 26.6

203 18.1 14.6 21.8



#79

Terphenyl-d14

Concen: 58.718 ng

RT: 20.133 min Scan# 2867

Delta R.T. -0.000 min

Lab File: BG054711.D

Acq: 23 Aug 2022 17:35

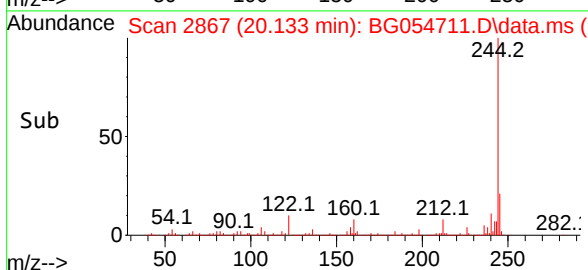
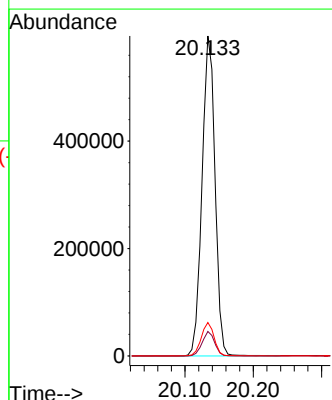
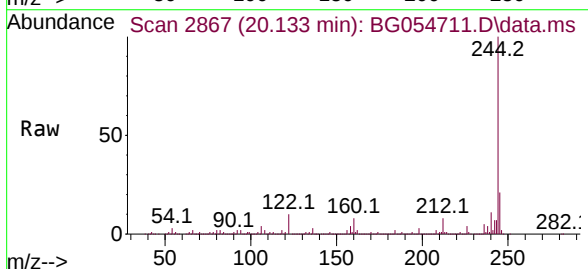
Tgt Ion:244 Resp: 789340

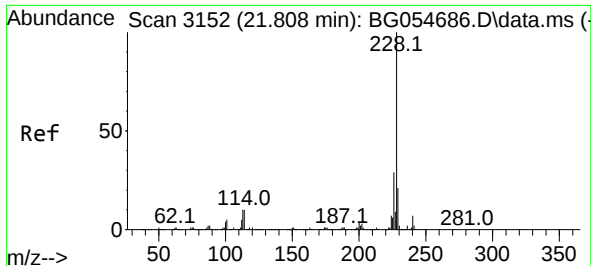
Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

122 10.4 9.0 13.6

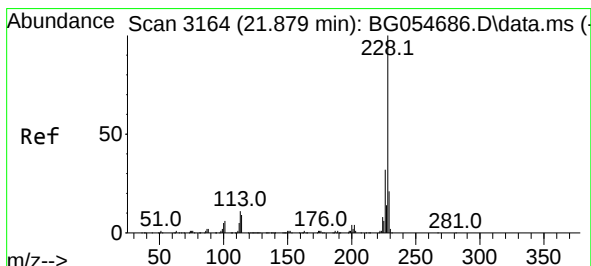
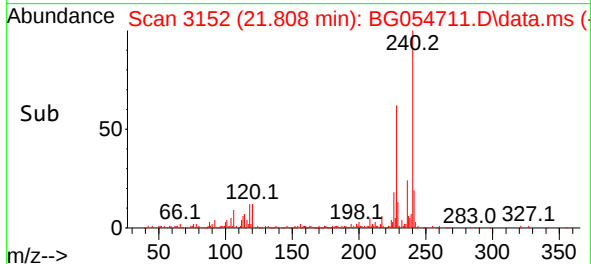
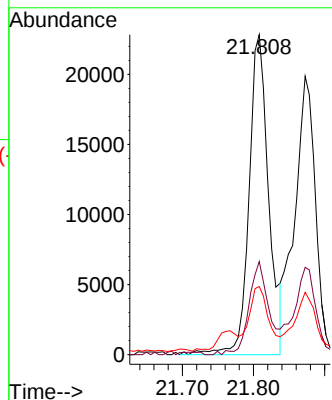
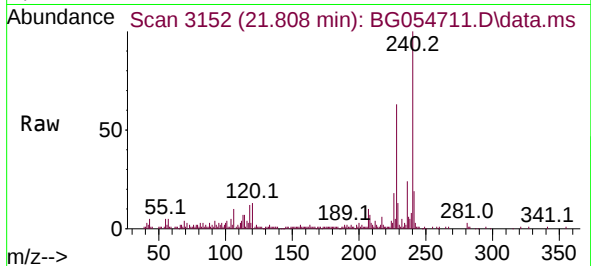




#81  
Benzo(a)anthracene  
Concen: 2.412 ng  
RT: 21.808 min Scan# 3152  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

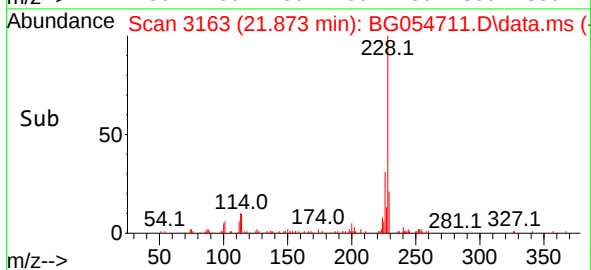
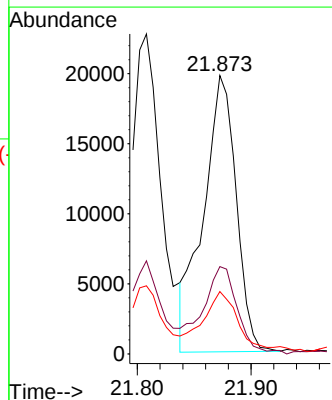
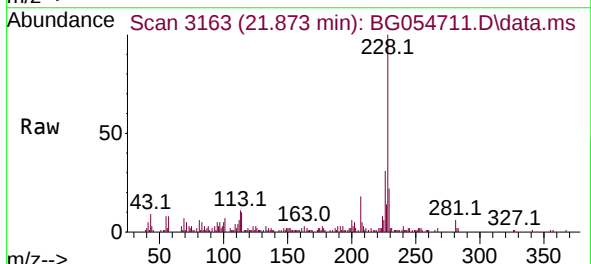
Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

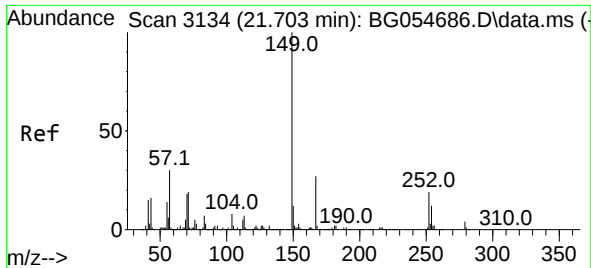
Tgt Ion:228 Resp: 43744  
Ion Ratio Lower Upper  
228 100  
226 29.1 23.4 35.2  
229 21.3 16.5 24.7



#83  
Chrysene  
Concen: 2.300 ng  
RT: 21.873 min Scan# 3163  
Delta R.T. -0.006 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:228 Resp: 39702  
Ion Ratio Lower Upper  
228 100  
226 31.4 25.5 38.3  
229 22.4 16.8 25.2

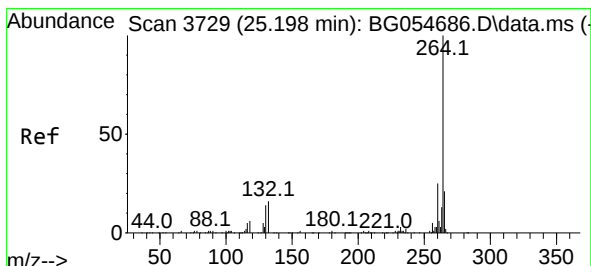
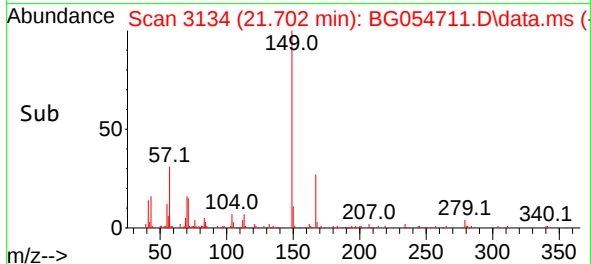
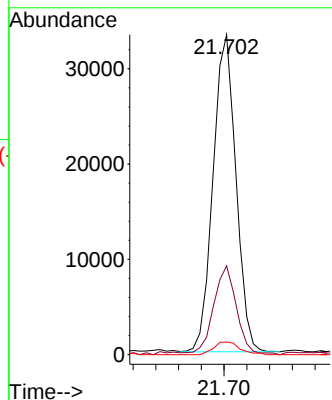
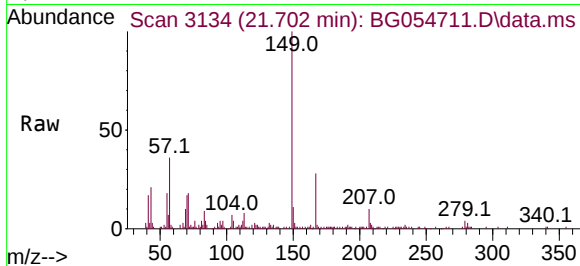




#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 8.706 ng  
 RT: 21.702 min Scan# 3134  
 Delta R.T. -0.001 min  
 Lab File: BG054711.D  
 Acq: 23 Aug 2022 17:35

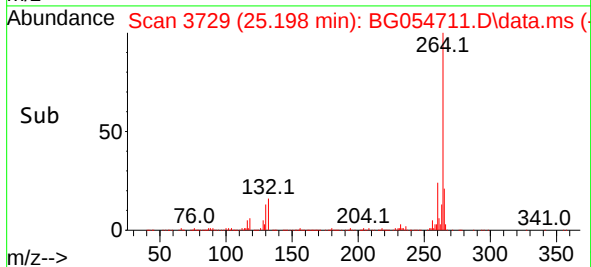
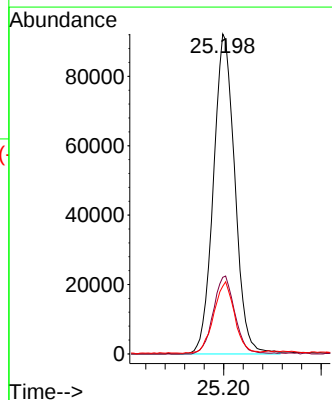
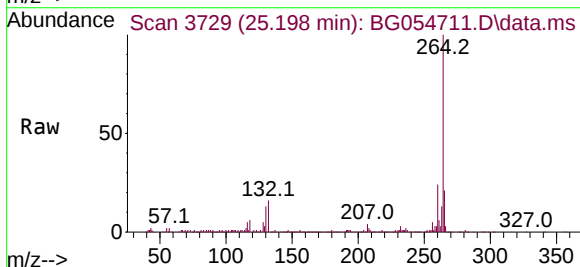
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PSC-124042

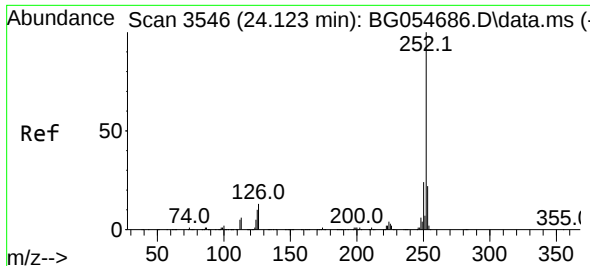
Tgt Ion:149 Resp: 46446  
 Ion Ratio Lower Upper  
 149 100  
 167 27.7 21.4 32.0  
 279 3.9 3.1 4.7



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.198 min Scan# 3729  
 Delta R.T. -0.000 min  
 Lab File: BG054711.D  
 Acq: 23 Aug 2022 17:35

Tgt Ion:264 Resp: 281099  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 19.9 29.9  
 265 21.1 16.9 25.3

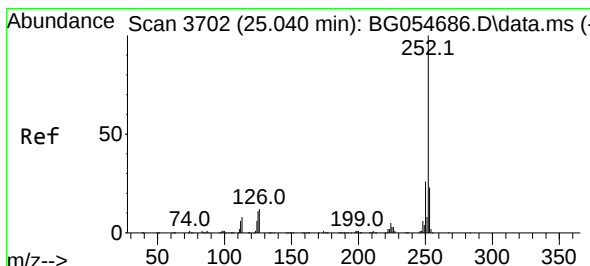
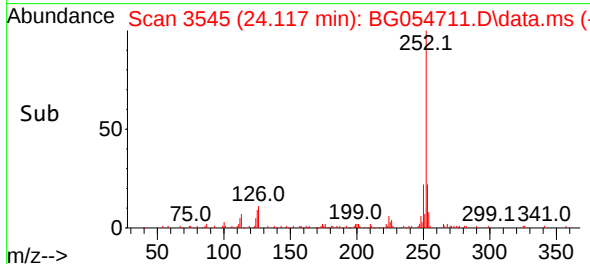
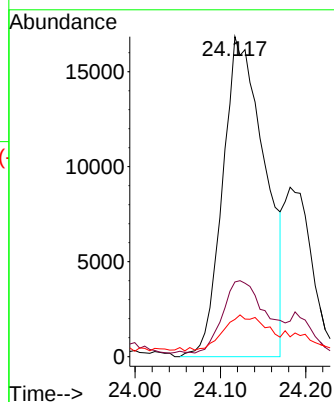
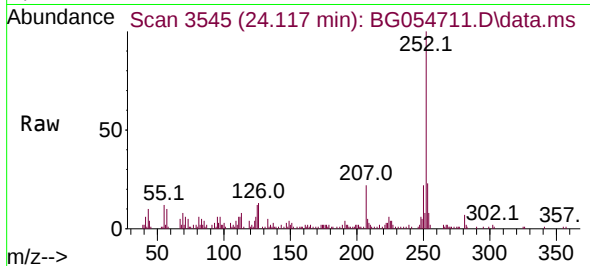




#88  
Benzo(b)fluoranthene  
Concen: 3.316 ng  
RT: 24.117 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Instrument :  
BNA\_G  
ClientSampleId :  
PSC-124042

Tgt Ion:252 Resp: 57880  
Ion Ratio Lower Upper  
252 100  
253 23.3 18.0 27.0  
125 11.6 8.1 12.1



#90  
Benzo(a)pyrene  
Concen: 2.295 ng  
RT: 25.039 min Scan# 3702  
Delta R.T. -0.000 min  
Lab File: BG054711.D  
Acq: 23 Aug 2022 17:35

Tgt Ion:252 Resp: 34379  
Ion Ratio Lower Upper  
252 100  
253 25.4 18.3 27.5  
125 13.7 8.8 13.2#

