

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG032024\  
 Data File : BG060697.D  
 Acq On : 20 Mar 2024 18:39  
 Operator : MA/JU  
 Sample : P1810-01 10X  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 342

Quant Time: Mar 21 01:41:42 2024  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031324.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 18 14:26:31 2024  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.296  | 152  | 100078   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.140 | 136  | 404731   | 20.000 | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.929 | 164  | 253406   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.685 | 188  | 492247   | 20.000 | ng    | # 0.01   |
| 76) Chrysene-d12            | 21.998 | 240  | 494316   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.541 | 264  | 565966   | 20.000 | ng    | 0.01     |
|                             |        |      |          |        |       |          |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.787  | 112  | 32498    | 5.105  | ng    | 0.00     |
| 7) Phenol-d6                | 7.415  | 99   | 48122    | 5.211  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.489  | 82   | 33849    | 4.353  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.410 | 330  | 19339    | 6.586  | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.549 | 172  | 79623    | 4.248  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.258 | 244  | 121678   | 4.449  | ng    | 0.00     |

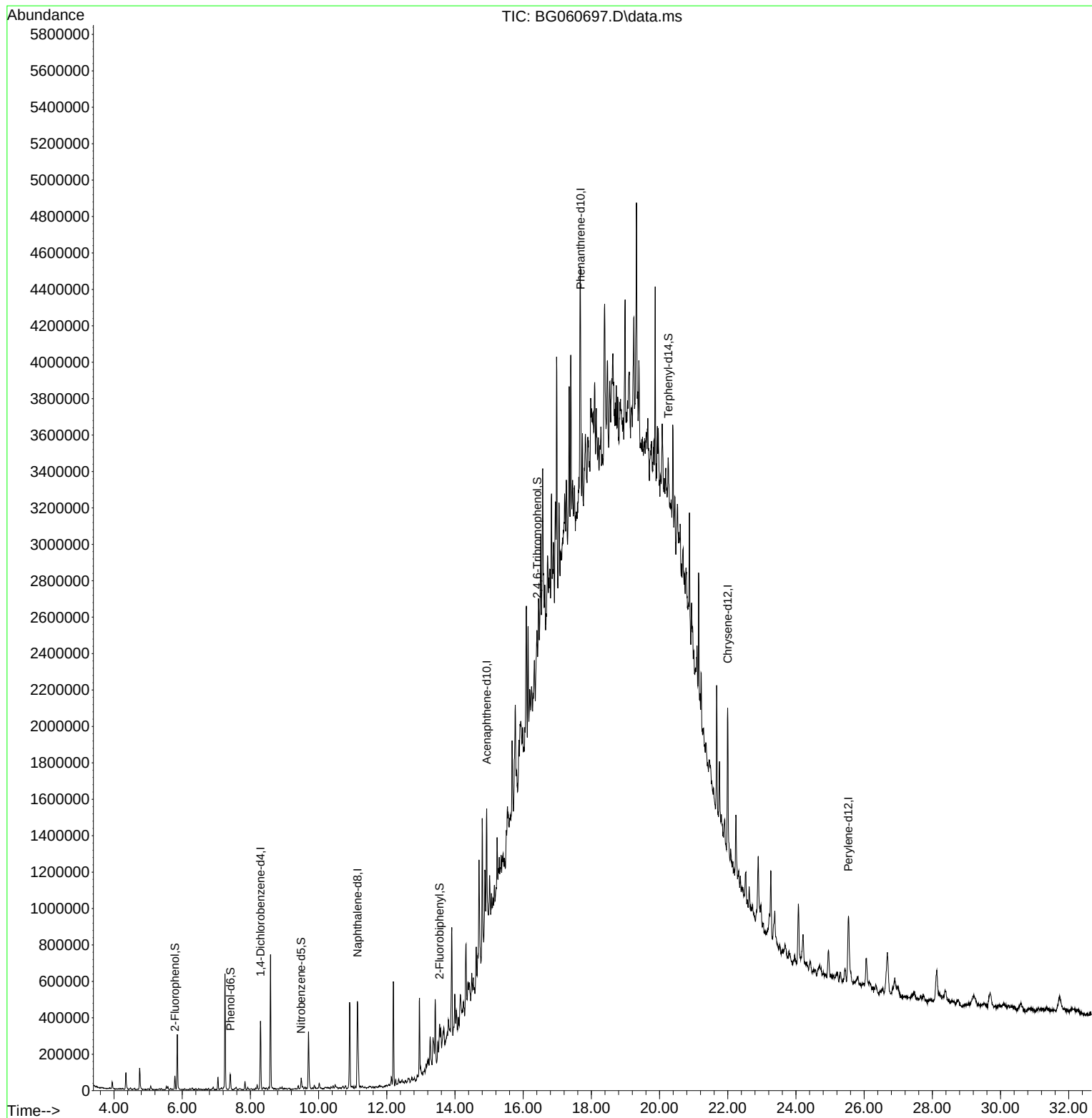
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

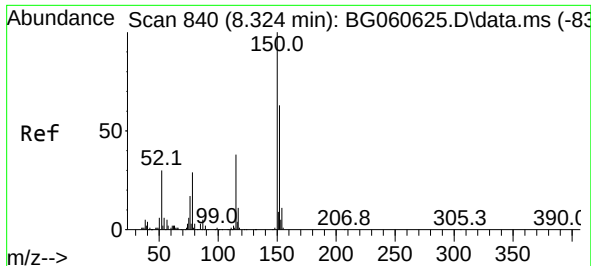
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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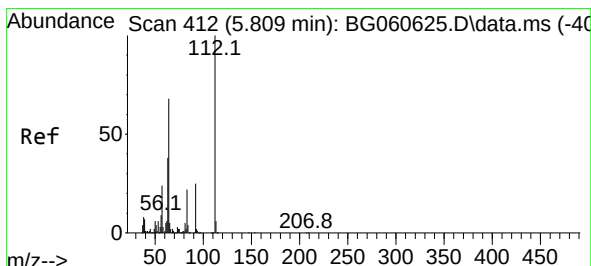
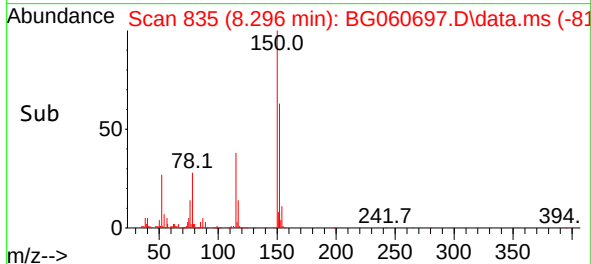
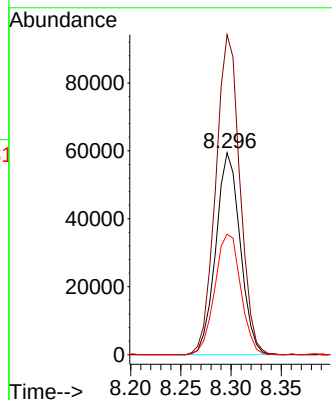
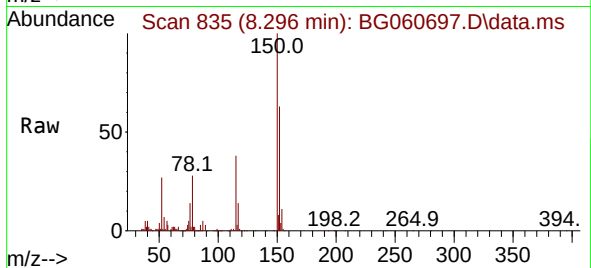




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 8.296 min Scan# 81  
 Delta R.T. 0.008 min  
 Lab File: BG060697.D  
 Acq: 20 Mar 2024 18:39

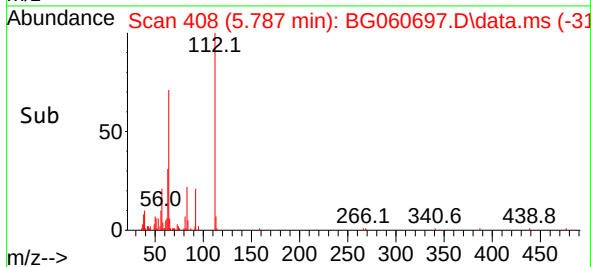
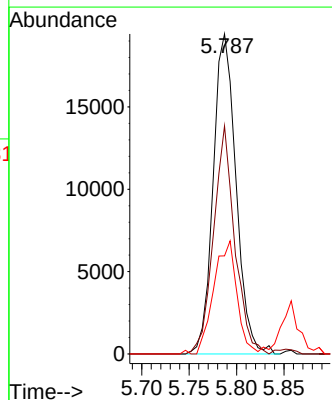
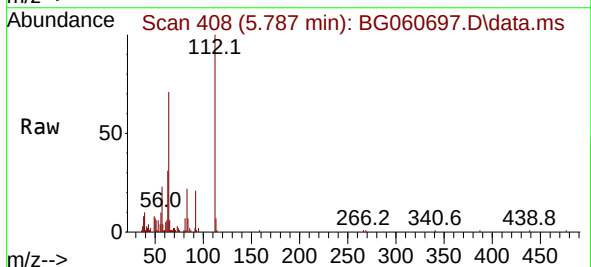
Instrument :  
 BNA\_G  
 ClientSampleId :  
 342

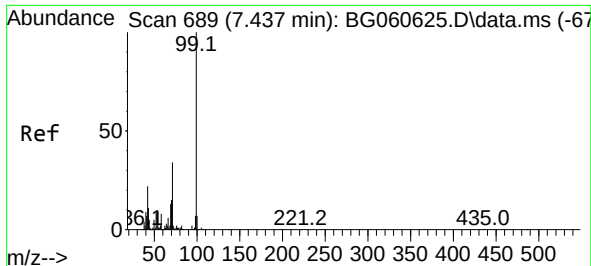
Tgt Ion:152 Resp: 100078  
 Ion Ratio Lower Upper  
 152 100  
 150 158.5 126.6 190.0  
 115 59.7 47.8 71.8



#5  
 2-Fluorophenol  
 Concen: 5.105 ng  
 RT: 5.787 min Scan# 408  
 Delta R.T. 0.008 min  
 Lab File: BG060697.D  
 Acq: 20 Mar 2024 18:39

Tgt Ion:112 Resp: 32498  
 Ion Ratio Lower Upper  
 112 100  
 64 71.2 54.1 81.1  
 63 30.6 30.3 45.5

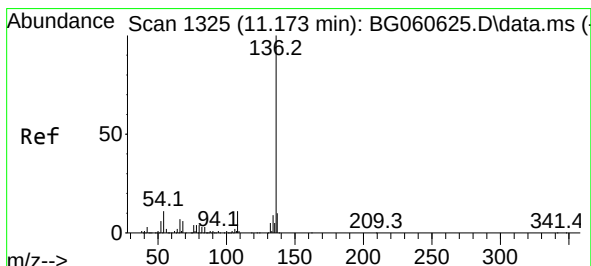
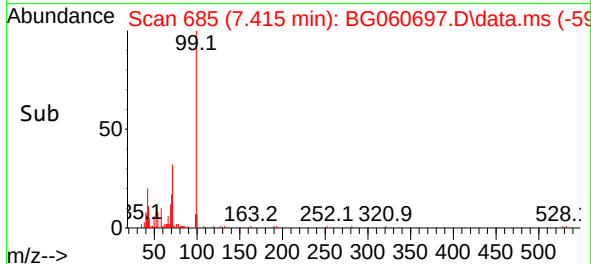
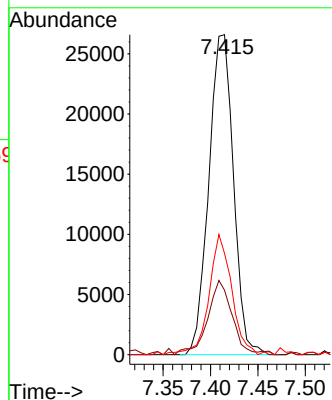
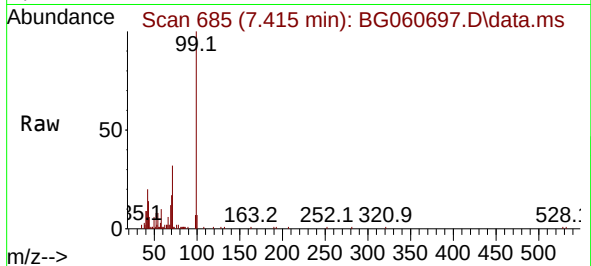




#7  
Phenol-d6  
Concen: 5.211 ng  
RT: 7.415 min Scan# 61  
Delta R.T. 0.008 min  
Lab File: BG060697.D  
Acq: 20 Mar 2024 18:39

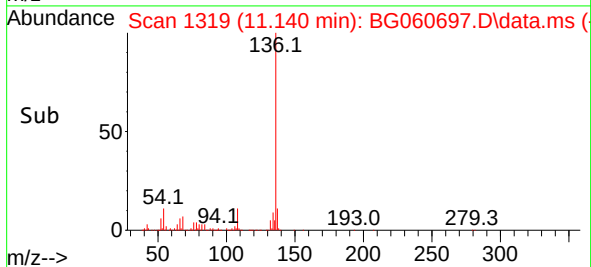
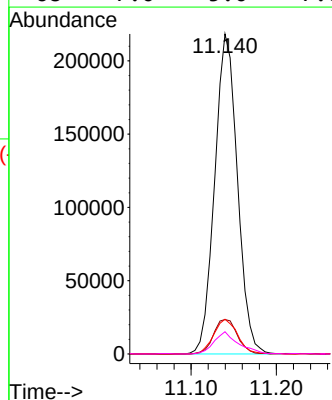
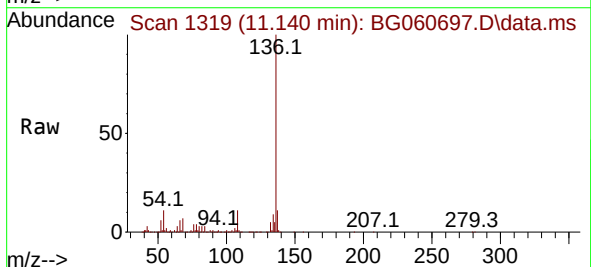
Instrument :  
BNA\_G  
ClientSampleId :  
342

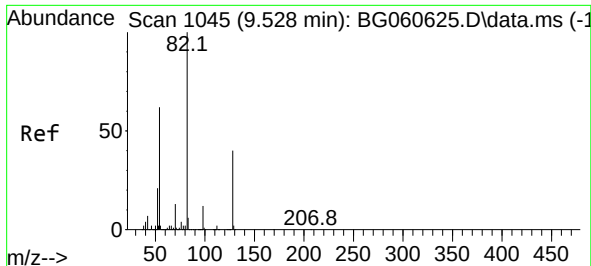
Tgt Ion: 99 Resp: 48122  
Ion Ratio Lower Upper  
99 100  
42 20.2 17.5 26.3  
71 31.7 27.4 41.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.140 min Scan# 1319  
Delta R.T. 0.002 min  
Lab File: BG060697.D  
Acq: 20 Mar 2024 18:39

Tgt Ion: 136 Resp: 404731  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.4 12.6  
54 10.9 8.5 12.7  
68 7.0 5.0 7.6

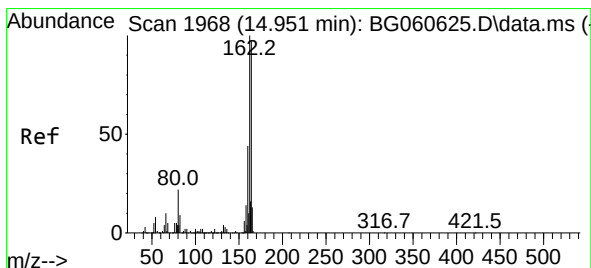
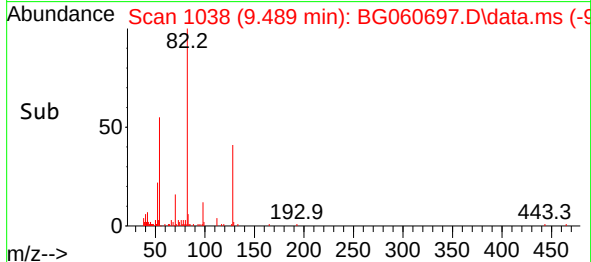
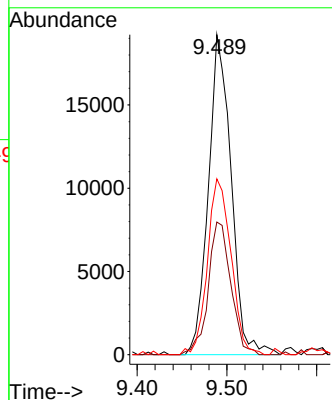
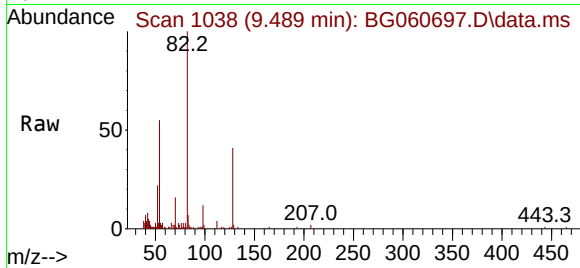




#23  
Nitrobenzene-d5  
Concen: 4.353 ng  
RT: 9.489 min Scan# 1038  
Delta R.T. -0.004 min  
Lab File: BG060697.D  
Acq: 20 Mar 2024 18:39

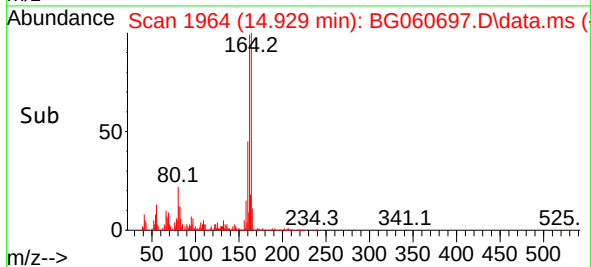
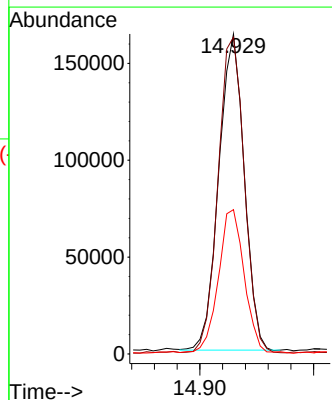
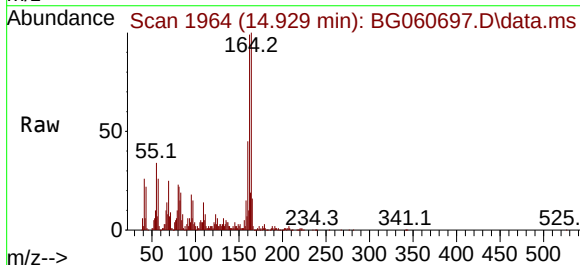
Instrument :  
BNA\_G  
ClientSampleId :  
342

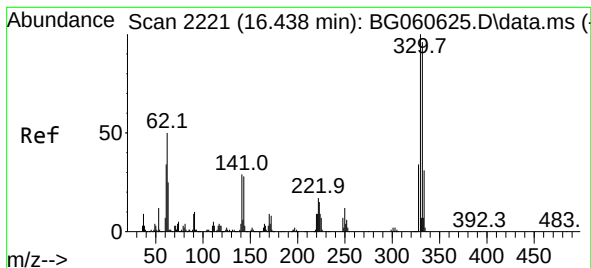
Tgt Ion: 82 Resp: 33849  
Ion Ratio Lower Upper  
82 100  
128 41.5 31.6 47.4  
54 55.0 49.3 73.9



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.929 min Scan# 1964  
Delta R.T. 0.002 min  
Lab File: BG060697.D  
Acq: 20 Mar 2024 18:39

Tgt Ion:164 Resp: 253406  
Ion Ratio Lower Upper  
164 100  
162 99.0 82.5 123.7  
160 45.1 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 6.586 ng

RT: 16.410 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Instrument :

BNA\_G

ClientSampleId :

342

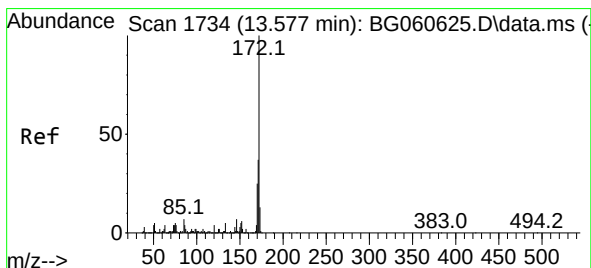
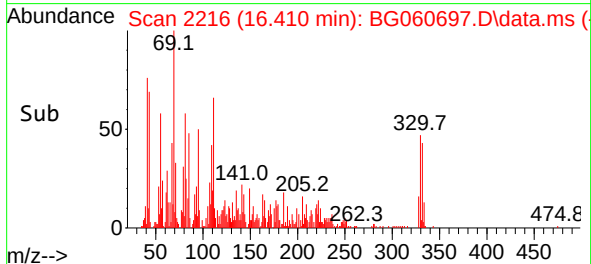
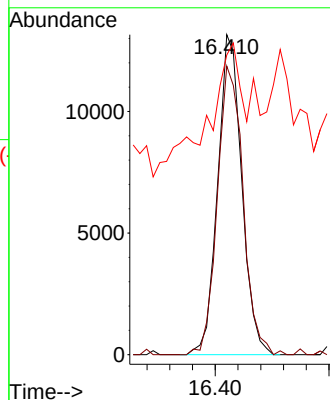
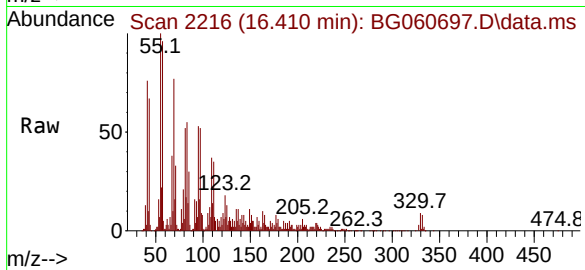
Tgt Ion:330 Resp: 19339

Ion Ratio Lower Upper

330 100

332 96.3 77.8 116.8

141 44.7 25.4 38.2#



#45

2-Fluorobiphenyl

Concen: 4.248 ng

RT: 13.549 min Scan# 1729

Delta R.T. 0.002 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

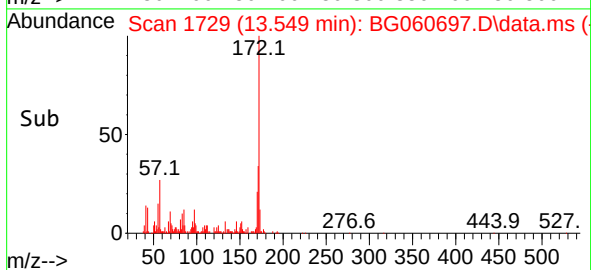
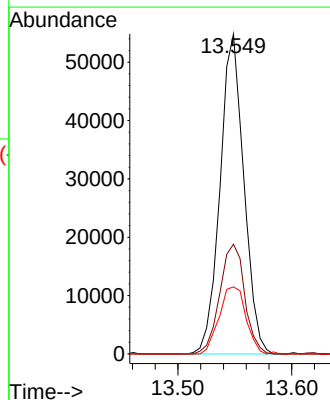
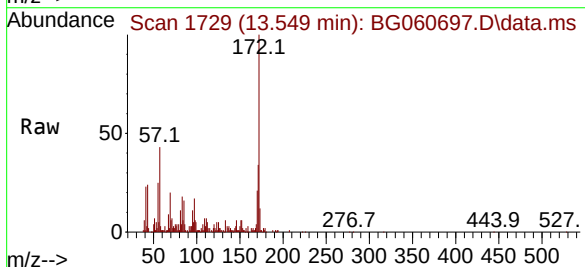
Tgt Ion:172 Resp: 79623

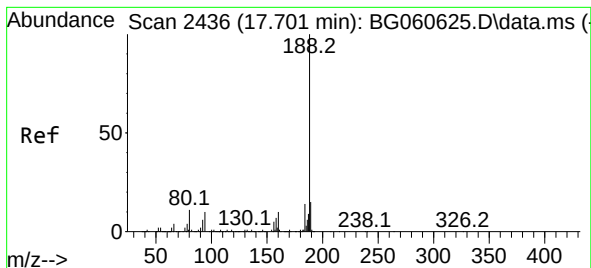
Ion Ratio Lower Upper

172 100

171 34.3 29.9 44.9

170 21.0 19.8 29.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.685 min Scan# 2436

Delta R.T. 0.014 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Instrument :

BNA\_G

ClientSampleId :

342

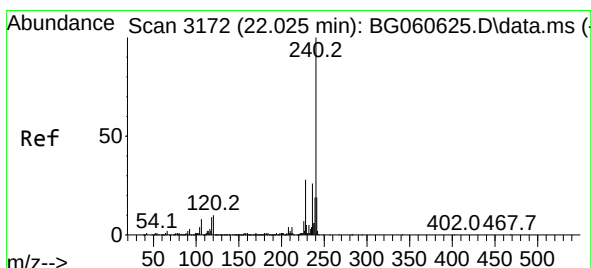
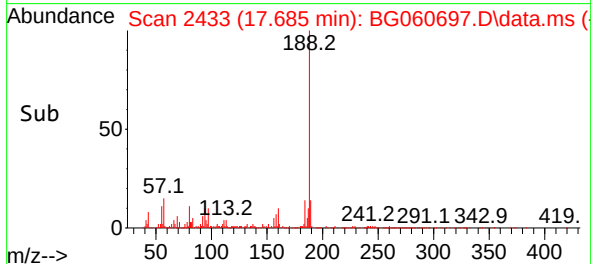
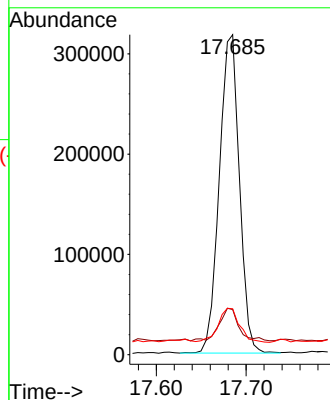
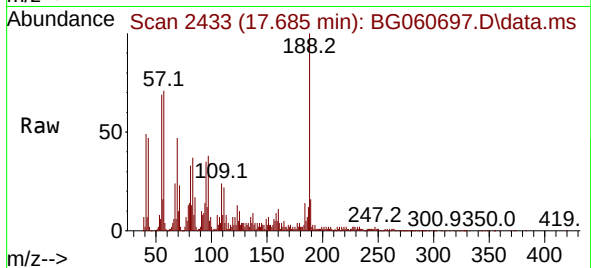
Tgt Ion:188 Resp: 492247

Ion Ratio Lower Upper

188 100

94 14.1 7.9 11.9#

80 14.4 8.6 13.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.998 min Scan# 3167

Delta R.T. 0.008 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

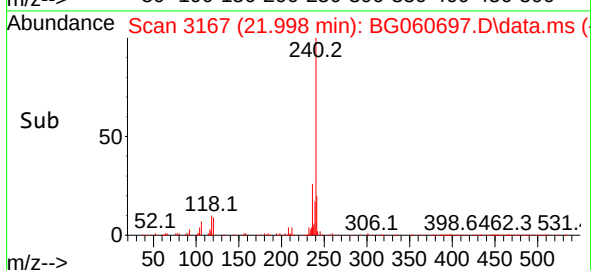
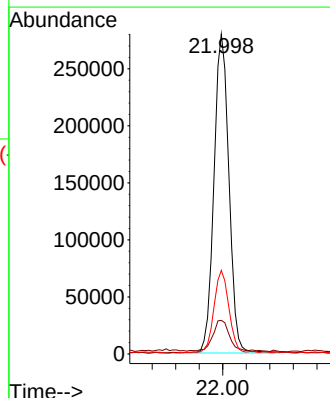
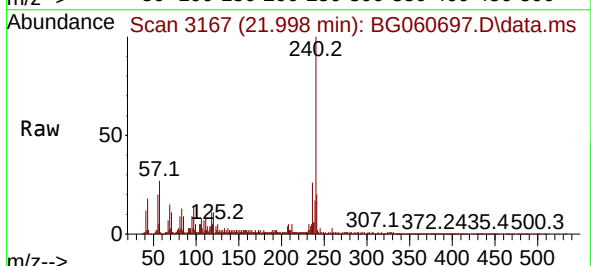
Tgt Ion:240 Resp: 494316

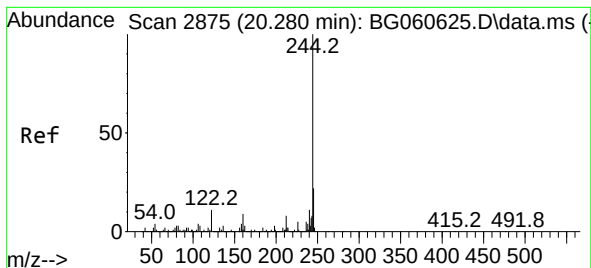
Ion Ratio Lower Upper

240 100

120 10.5 7.8 11.8

236 26.1 20.6 31.0





#79

Terphenyl-d14

Concen: 4.449 ng

RT: 20.258 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Instrument :

BNA\_G

ClientSampleId :

342

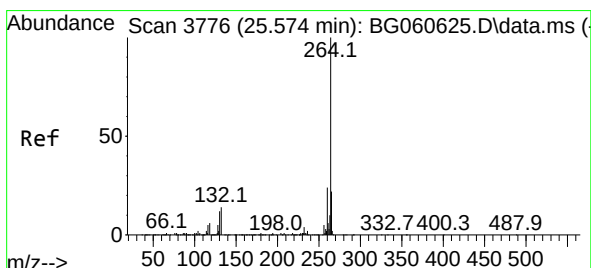
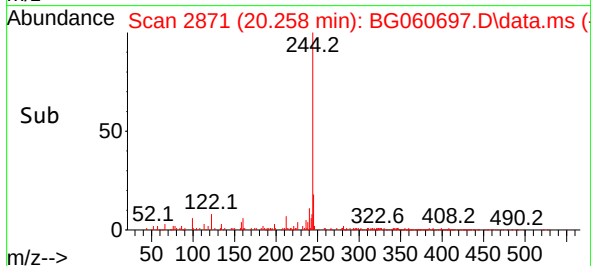
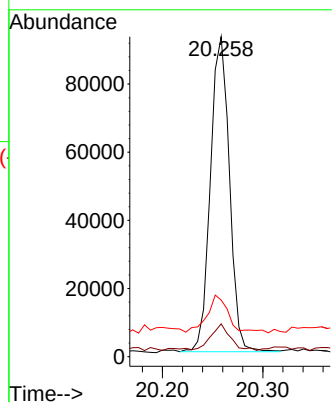
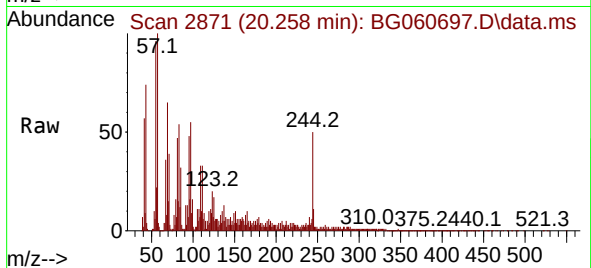
Tgt Ion:244 Resp: 121678

Ion Ratio Lower Upper

244 100

212 10.3 6.6 9.8#

122 17.7 8.5 12.7#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.541 min Scan# 3770

Delta R.T. 0.014 min

Lab File: BG060697.D

Acq: 20 Mar 2024 18:39

Tgt Ion:264 Resp: 565966

Ion Ratio Lower Upper

264 100

260 24.3 19.4 29.2

265 21.6 18.1 27.1

