

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052423\  
 Data File : BG057537.D  
 Acq On : 24 May 2023 16:04  
 Operator : CG/JU  
 Sample : PB152987BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB152987BL

Quant Time: May 25 02:24:48 2023  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042723.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu May 25 02:19:01 2023  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.361  | 152  | 18505    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 11.199 | 136  | 74344    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.976 | 164  | 59319    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.719 | 188  | 161953   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 22.025 | 240  | 143241   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12            | 25.532 | 264  | 151879   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.882  | 112  | 159740   | 147.664 | ng    | 0.00     |
| 7) Phenol-d6                | 7.510  | 99   | 230498   | 140.315 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.542  | 82   | 147882   | 83.486  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.462 | 330  | 130326   | 154.841 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.601 | 172  | 388178   | 88.133  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.286 | 244  | 863691   | 98.399  | ng    | 0.00     |

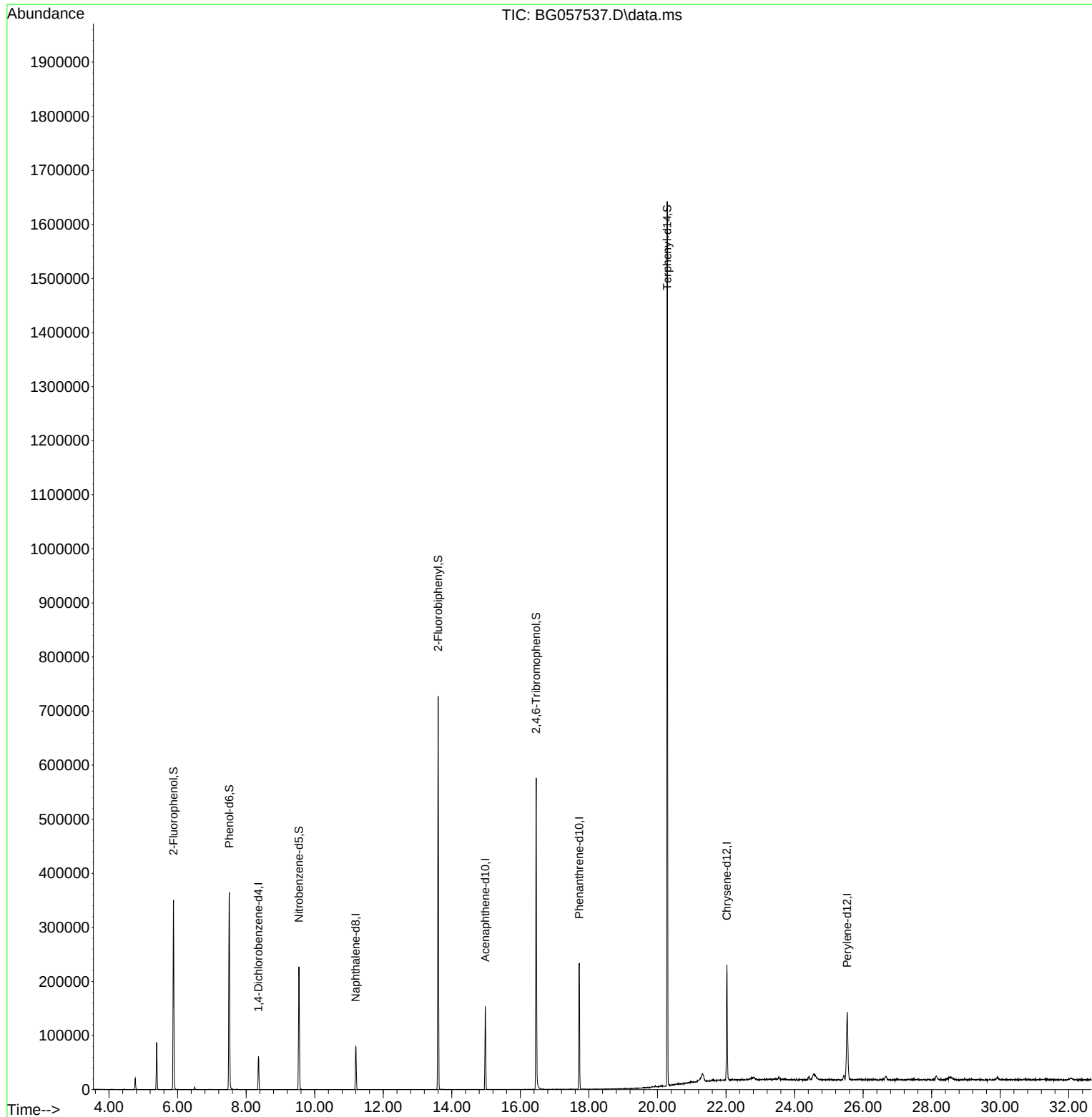
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

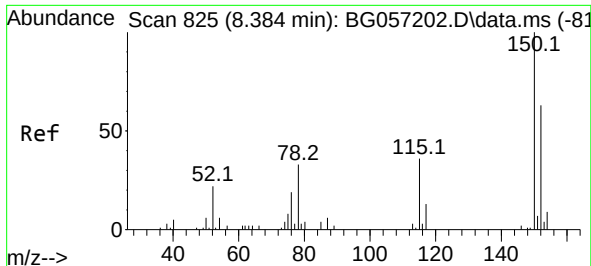
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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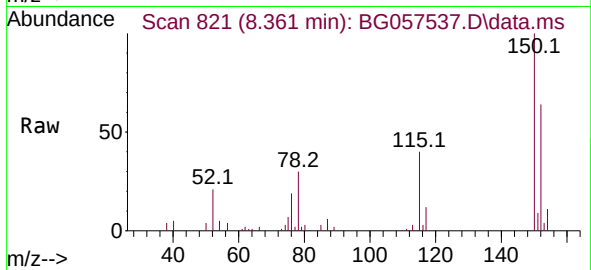
Quant Time: May 25 02:24:48 2023  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG042723.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu May 25 02:19:01 2023  
Response via : Initial Calibration



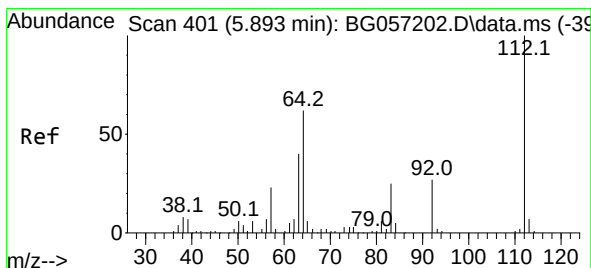
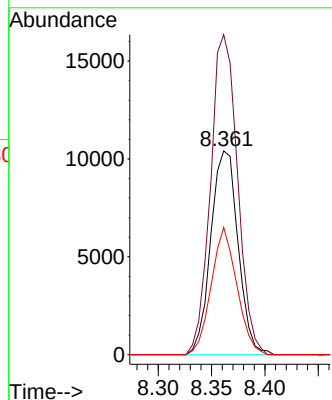
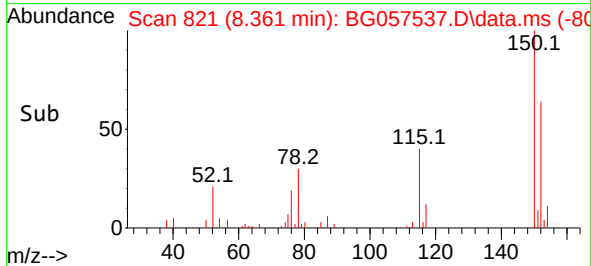


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.361 min Scan# 81  
Delta R.T. -0.005 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04

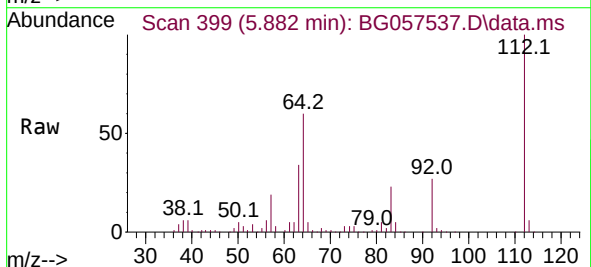
Instrument :  
BNA\_G  
ClientSampleId :  
PB152987BL



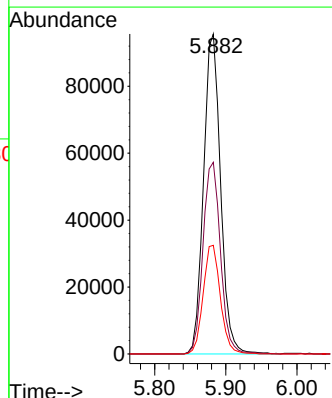
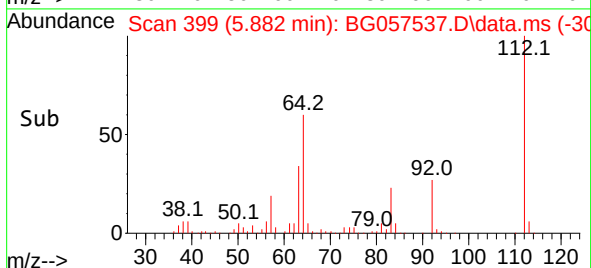
Tgt Ion:152 Resp: 18505  
Ion Ratio Lower Upper  
152 100  
150 157.0 126.2 189.4  
115 62.4 45.0 67.4

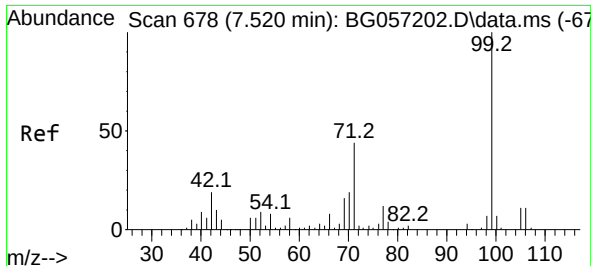


#5  
2-Fluorophenol  
Concen: 147.664 ng  
RT: 5.882 min Scan# 399  
Delta R.T. 0.007 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04



Tgt Ion:112 Resp: 159740  
Ion Ratio Lower Upper  
112 100  
64 59.9 49.4 74.2  
63 33.9 31.6 47.4

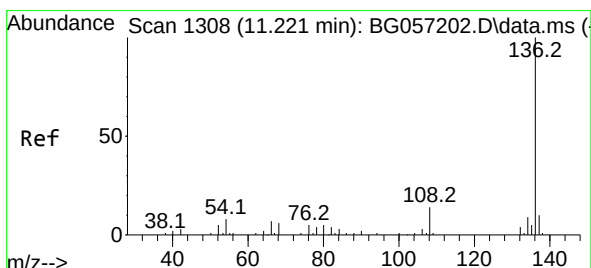
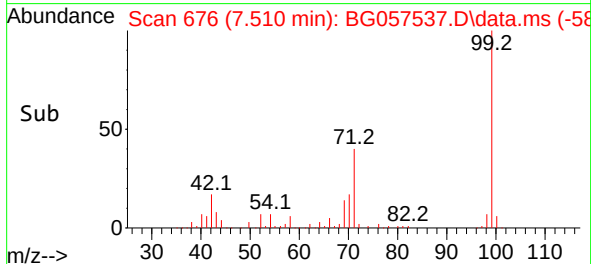
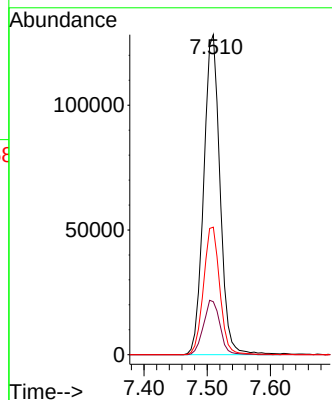
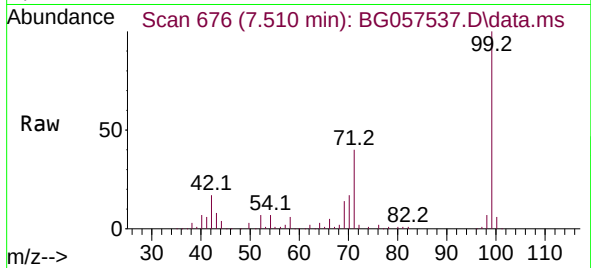




#7  
Phenol-d6  
Concen: 140.315 ng  
RT: 7.510 min Scan# 61  
Delta R.T. 0.002 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04

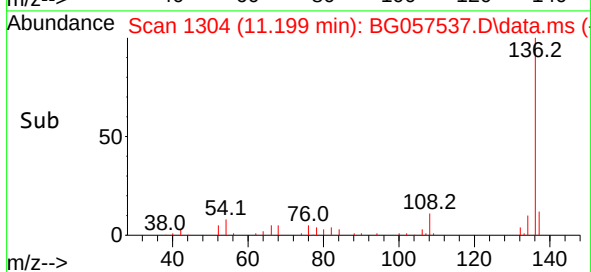
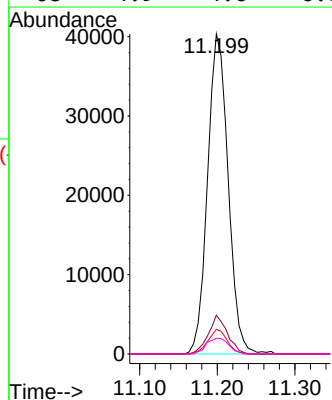
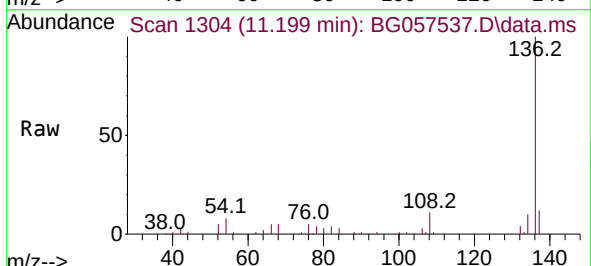
Instrument :  
BNA\_G  
ClientSampleId :  
PB152987BL

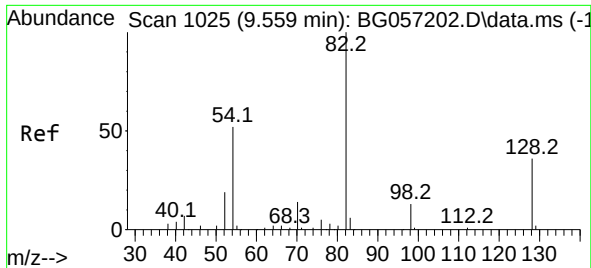
Tgt Ion: 99 Resp: 230498  
Ion Ratio Lower Upper  
99 100  
42 16.6 15.1 22.7  
71 39.9 35.2 52.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.199 min Scan# 1304  
Delta R.T. -0.004 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04

Tgt Ion: 136 Resp: 74344  
Ion Ratio Lower Upper  
136 100  
137 12.1 8.3 12.5  
54 7.7 6.7 10.1  
68 4.9 4.6 6.8





#23

Nitrobenzene-d5

Concen: 83.486 ng

RT: 9.542 min Scan# 1022

Delta R.T. -0.004 min

Lab File: BG057537.D

Acq: 24 May 2023 16:04

Instrument :

BNA\_G

ClientSampleId :

PB152987BL

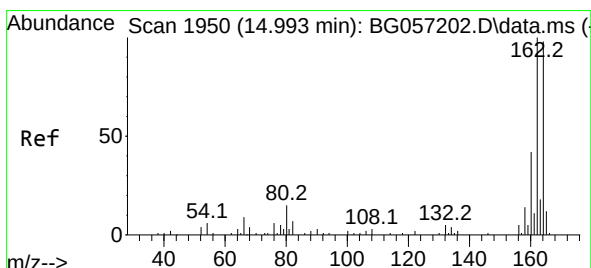
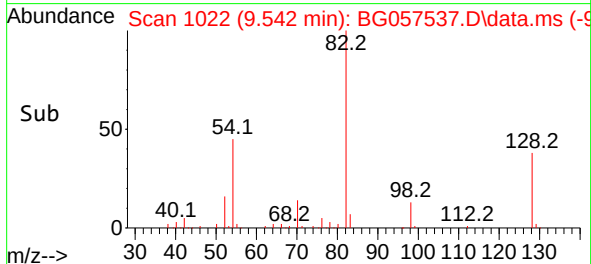
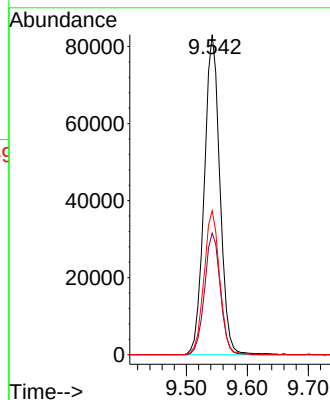
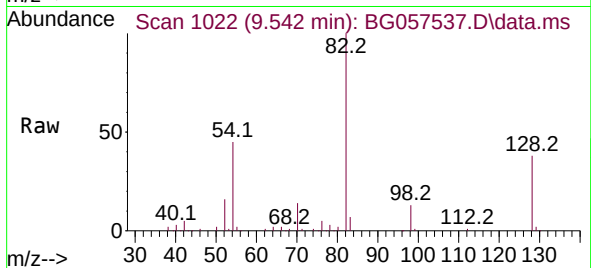
Tgt Ion: 82 Resp: 147882

Ion Ratio Lower Upper

82 100

128 38.0 29.0 43.4

54 45.0 41.4 62.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.976 min Scan# 1947

Delta R.T. -0.004 min

Lab File: BG057537.D

Acq: 24 May 2023 16:04

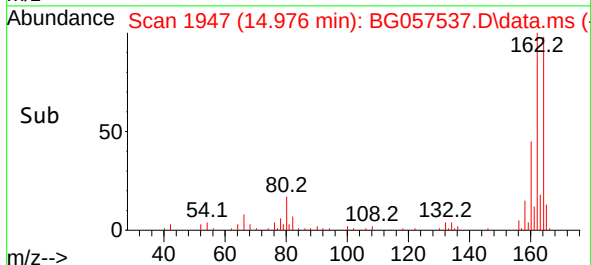
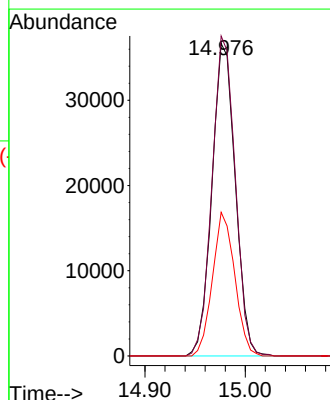
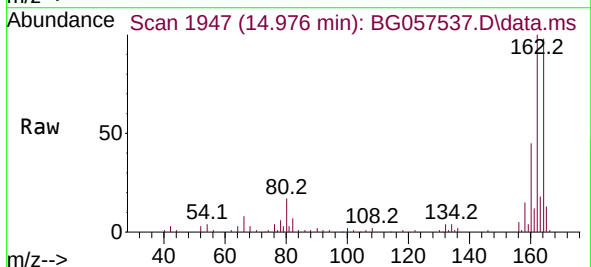
Tgt Ion:164 Resp: 59319

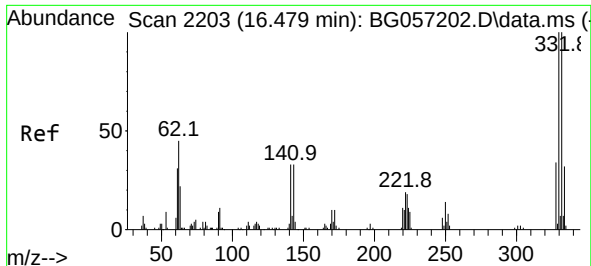
Ion Ratio Lower Upper

164 100

162 102.4 81.8 122.6

160 46.0 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 154.841 ng

RT: 16.462 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057537.D

Acq: 24 May 2023 16:04

Instrument :

BNA\_G

ClientSampleId :

PB152987BL

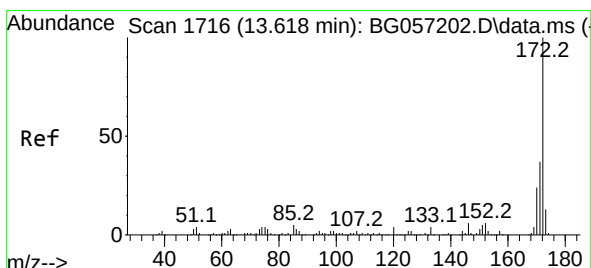
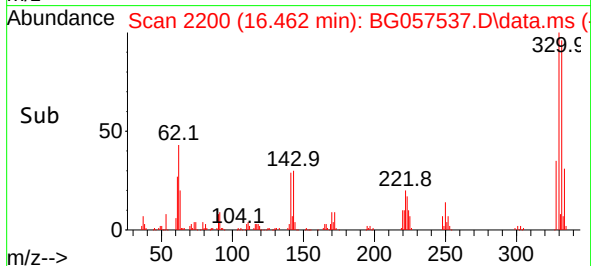
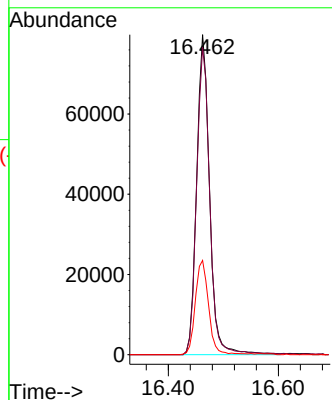
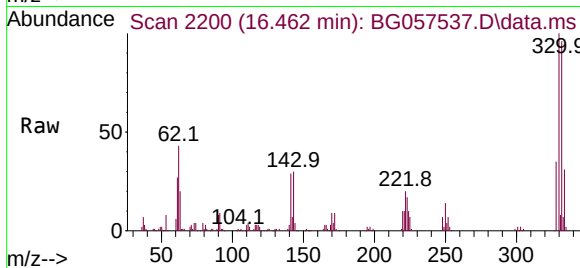
Tgt Ion:330 Resp: 130326

Ion Ratio Lower Upper

330 100

332 97.7 78.2 117.2

141 30.3 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 88.133 ng

RT: 13.601 min Scan# 1713

Delta R.T. -0.004 min

Lab File: BG057537.D

Acq: 24 May 2023 16:04

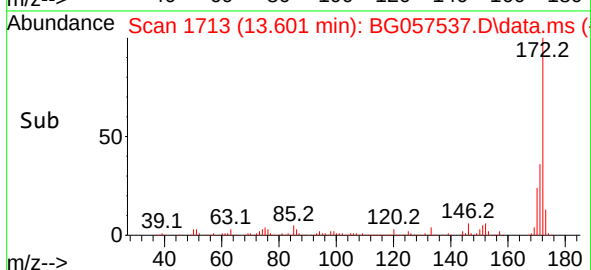
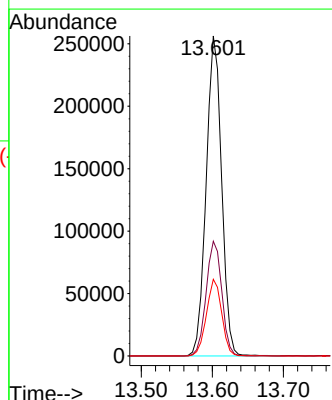
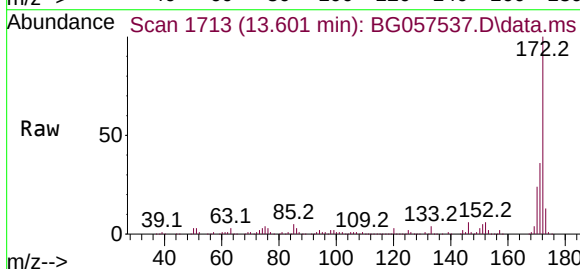
Tgt Ion:172 Resp: 388178

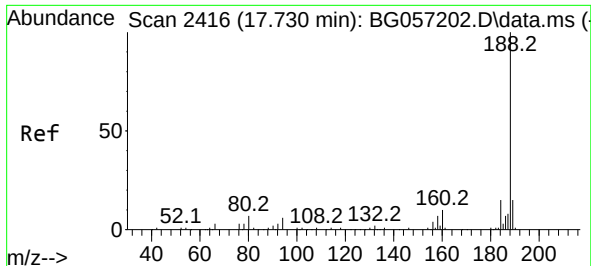
Ion Ratio Lower Upper

172 100

171 35.9 29.4 44.0

170 24.0 19.0 28.6

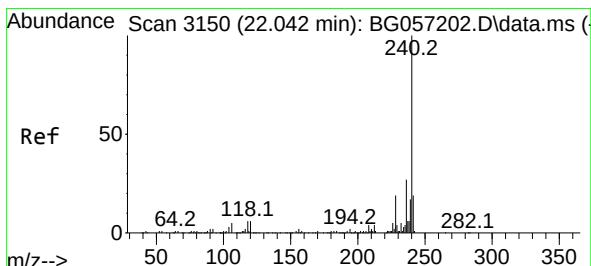
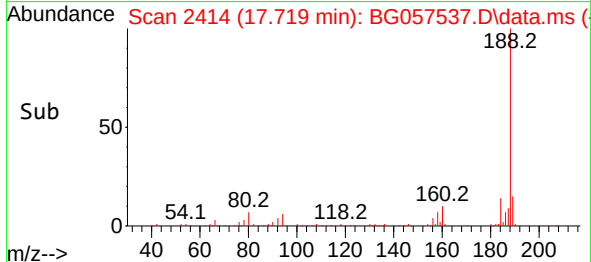
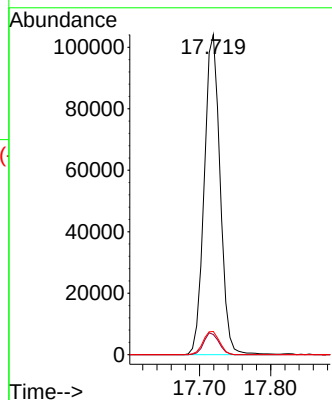
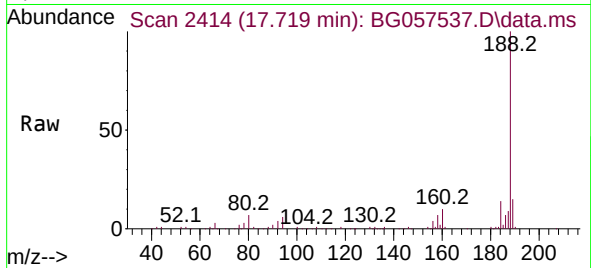




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.719 min Scan# 2416  
Delta R.T. -0.004 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04

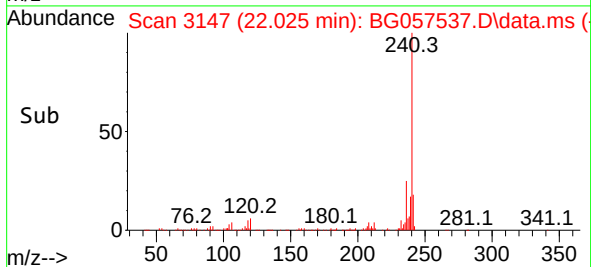
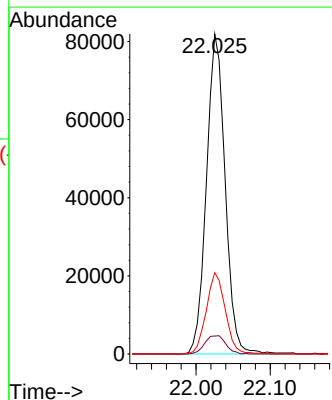
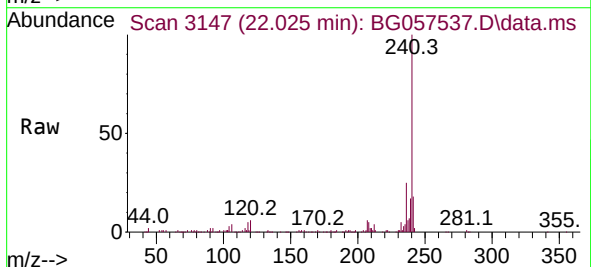
Instrument :  
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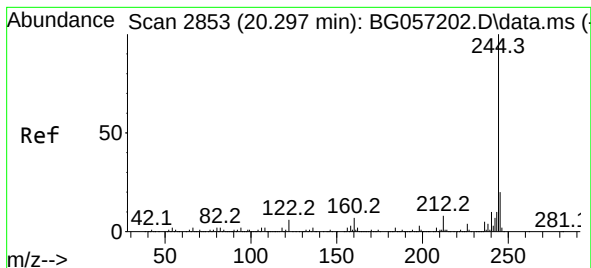
Tgt Ion:188 Resp: 161953  
Ion Ratio Lower Upper  
188 100  
94 6.3 5.1 7.7  
80 7.2 5.7 8.5



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 22.025 min Scan# 3147  
Delta R.T. -0.010 min  
Lab File: BG057537.D  
Acq: 24 May 2023 16:04

Tgt Ion:240 Resp: 143241  
Ion Ratio Lower Upper  
240 100  
120 5.6 4.9 7.3  
236 25.4 21.4 32.2





#79

Terphenyl-d14

Concen: 98.399 ng

RT: 20.286 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG057537.D

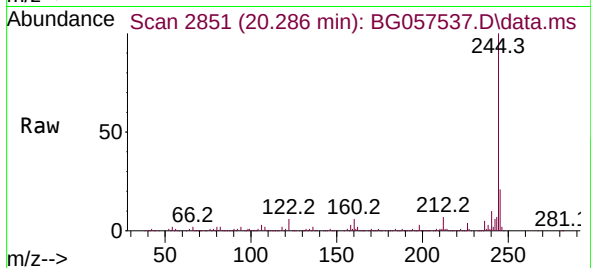
Acq: 24 May 2023 16:04

Instrument :

BNA\_G

ClientSampleId :

PB152987BL



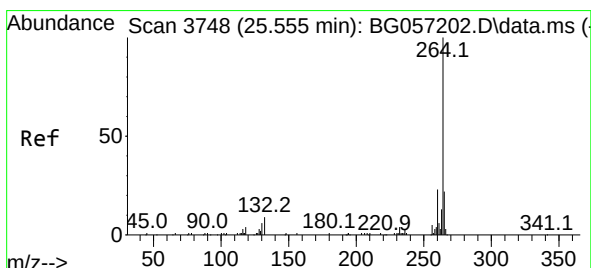
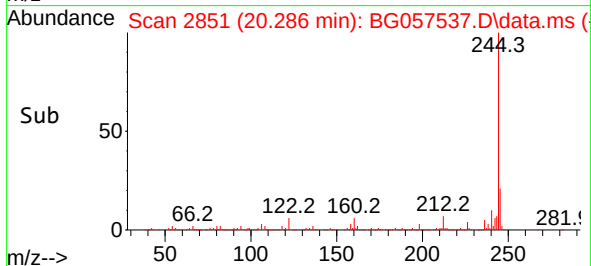
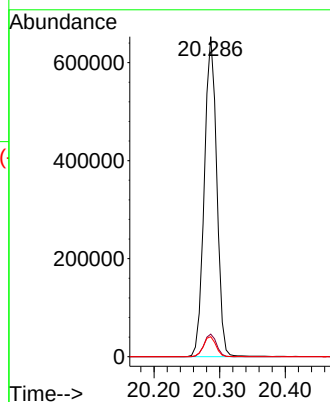
Tgt Ion:244 Resp: 863691

Ion Ratio Lower Upper

244 100

212 7.1 6.1 9.1

122 6.2 5.1 7.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.532 min Scan# 3744

Delta R.T. -0.010 min

Lab File: BG057537.D

Acq: 24 May 2023 16:04

Tgt Ion:264 Resp: 151879

Ion Ratio Lower Upper

264 100

260 22.5 18.8 28.2

265 22.0 17.9 26.9

