

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060922\  
 Data File : BG053868.D  
 Acq On : 9 Jun 2022 19:54  
 Operator : CG/JU  
 Sample : N3270-13  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-11C

Quant Time: Jun 10 01:01:04 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 23:22:27 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.094  | 152  | 21457    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.902 | 136  | 89050    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.710 | 164  | 69319    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.453 | 188  | 186312   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12            | 21.731 | 240  | 203101   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 24.998 | 264  | 201693   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.656  | 112  | 185939   | 159.132 | ng    | 0.00     |
| 7) Phenol-d6                | 7.242  | 99   | 247790   | 156.552 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.251  | 82   | 162424   | 119.776 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.196 | 330  | 176970   | 210.319 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.341 | 172  | 448235   | 96.736  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.062 | 244  | 953521   | 93.399  | ng    | 0.00     |

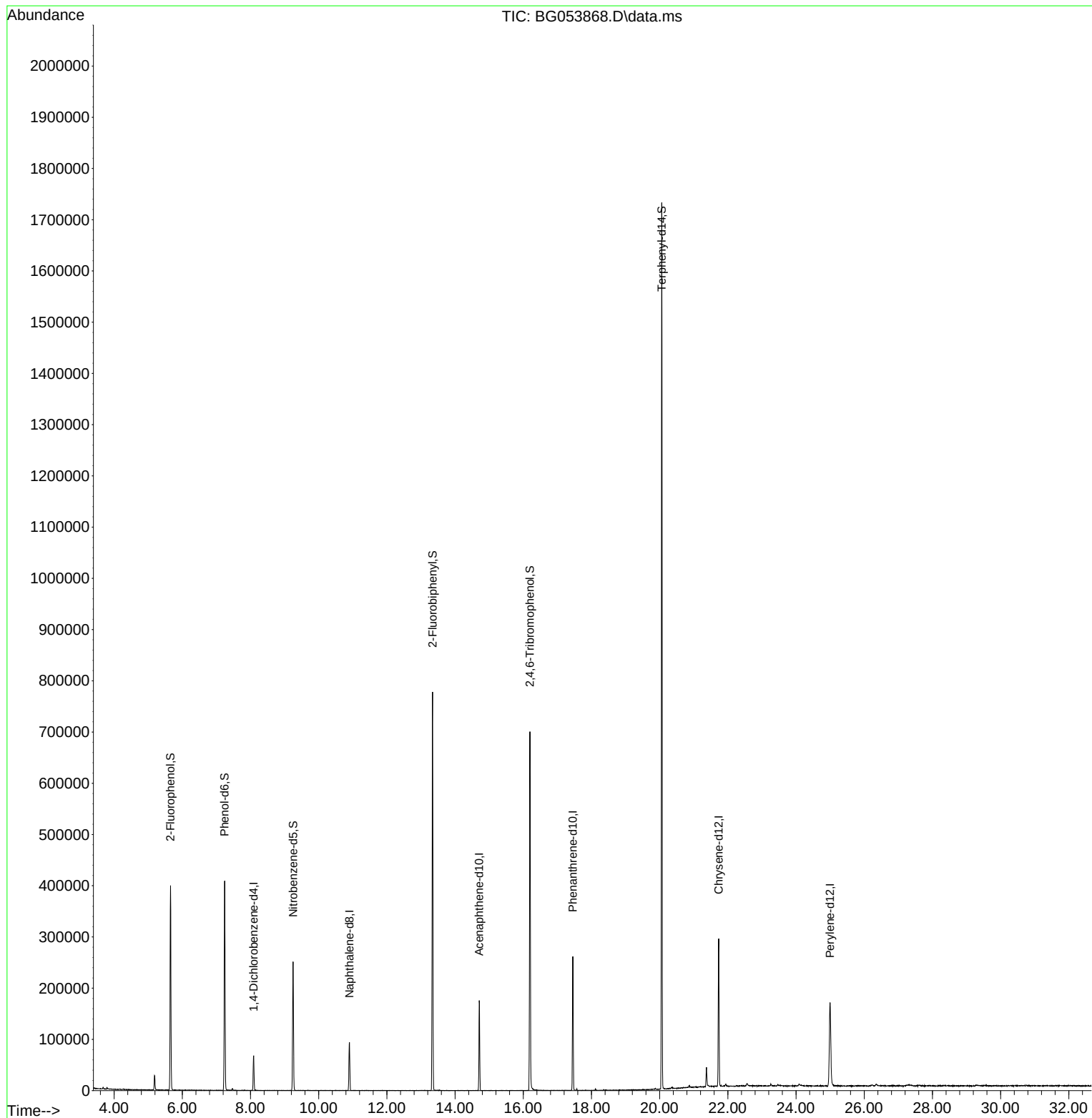
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

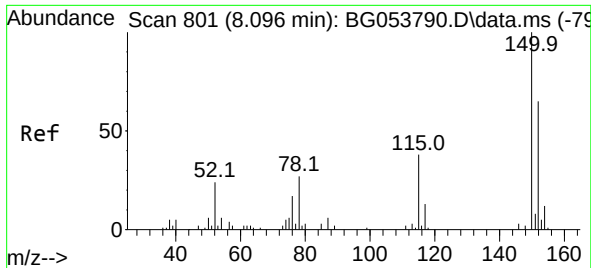
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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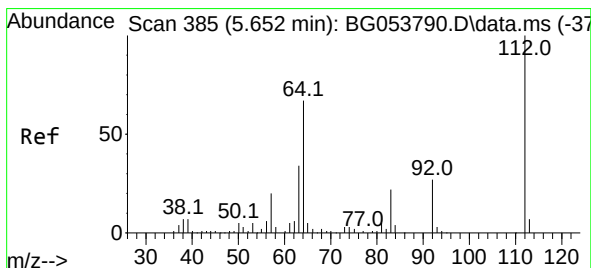
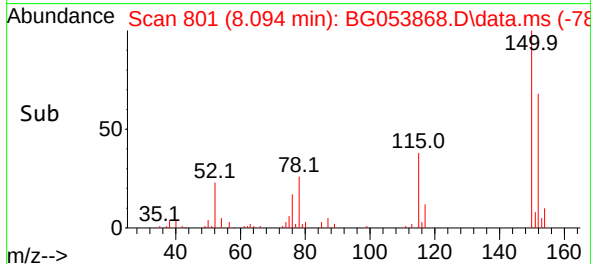
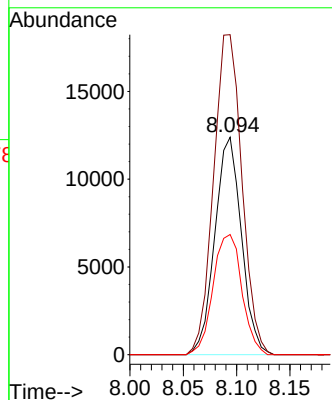
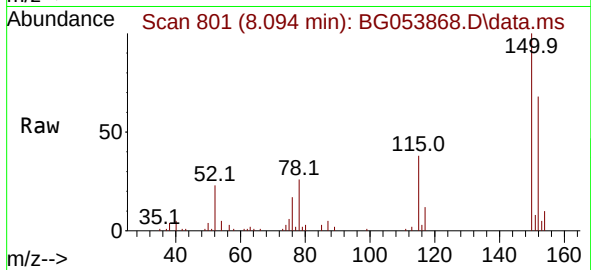




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.094 min Scan# 801  
Delta R.T. -0.002 min  
Lab File: BG053868.D  
Acq: 9 Jun 2022 19:54

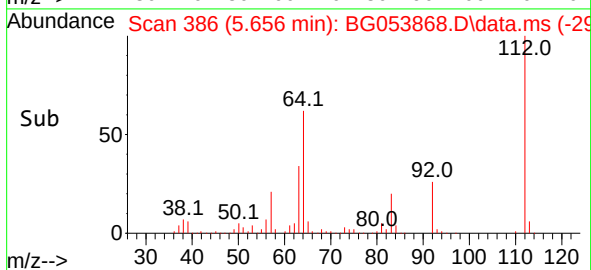
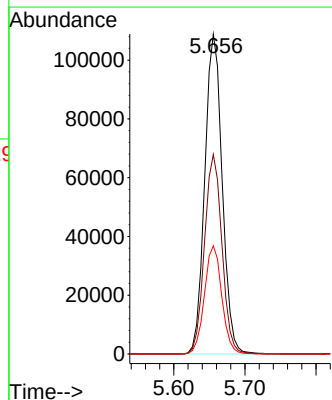
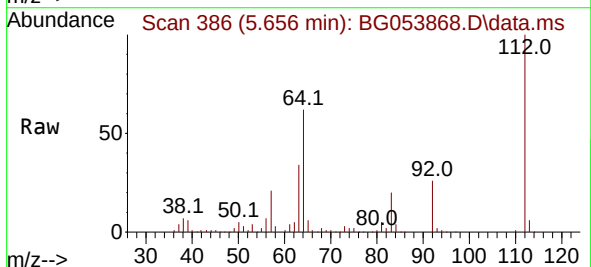
Instrument :  
BNA\_G  
ClientSampleId :  
TP-11C

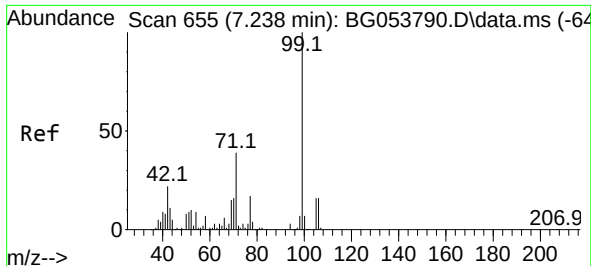
Tgt Ion:152 Resp: 21457  
Ion Ratio Lower Upper  
152 100  
150 147.1 131.6 197.4  
115 55.2 50.9 76.3



#5  
2-Fluorophenol  
Concen: 159.132 ng  
RT: 5.656 min Scan# 386  
Delta R.T. 0.004 min  
Lab File: BG053868.D  
Acq: 9 Jun 2022 19:54

Tgt Ion:112 Resp: 185939  
Ion Ratio Lower Upper  
112 100  
64 62.4 55.1 82.7  
63 33.8 30.4 45.6

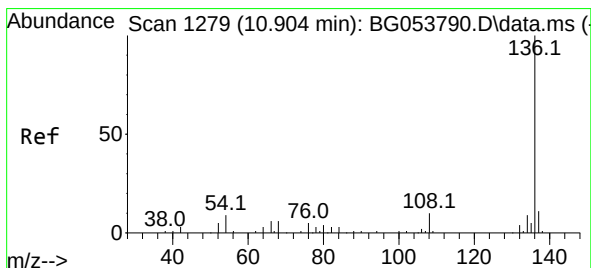
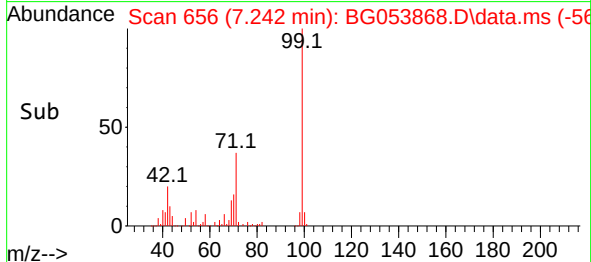
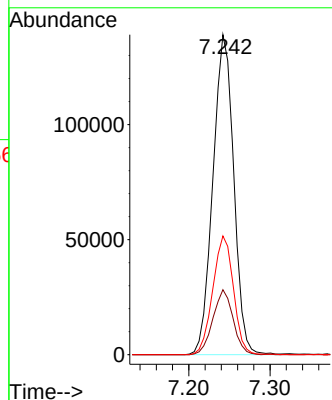
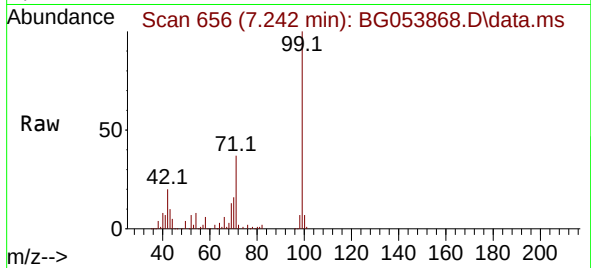




#7  
Phenol-d6  
Concen: 156.552 ng  
RT: 7.242 min Scan# 61  
Delta R.T. 0.004 min  
Lab File: BG053868.D  
Acq: 9 Jun 2022 19:54

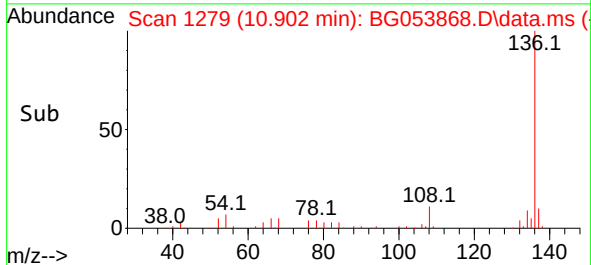
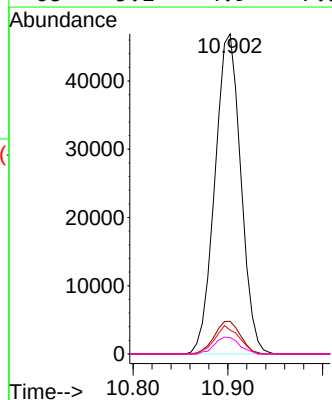
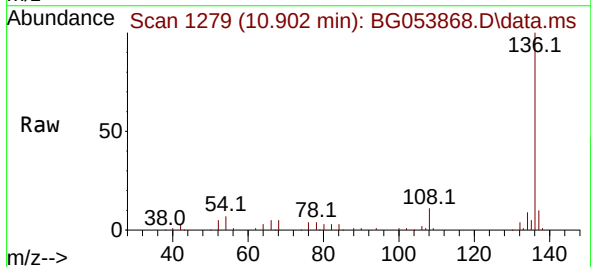
Instrument :  
BNA\_G  
ClientSampleId :  
TP-11C

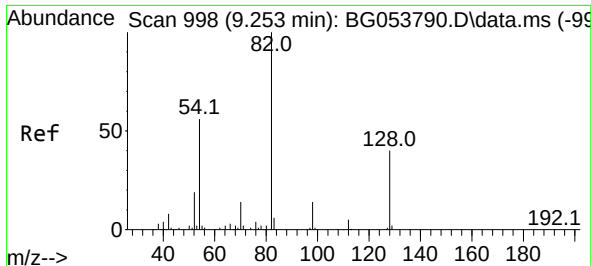
Tgt Ion: 99 Resp: 247790  
Ion Ratio Lower Upper  
99 100  
42 20.3 17.0 25.6  
71 37.1 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.902 min Scan# 1279  
Delta R.T. -0.002 min  
Lab File: BG053868.D  
Acq: 9 Jun 2022 19:54

Tgt Ion:136 Resp: 89050  
Ion Ratio Lower Upper  
136 100  
137 10.2 8.5 12.7  
54 7.5 7.4 11.2  
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 119.776 ng

RT: 9.251 min Scan# 998

Delta R.T. -0.002 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

Instrument :

BNA\_G

ClientSampleId :

TP-11C

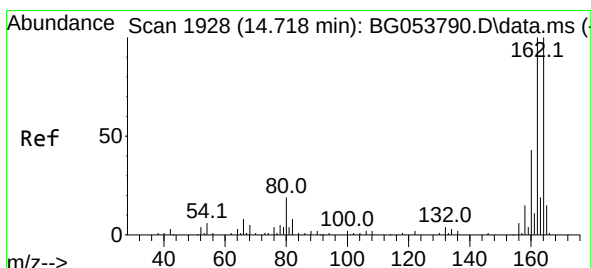
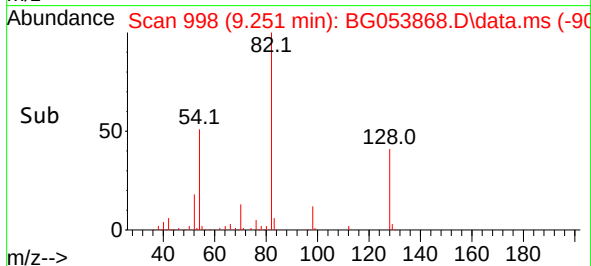
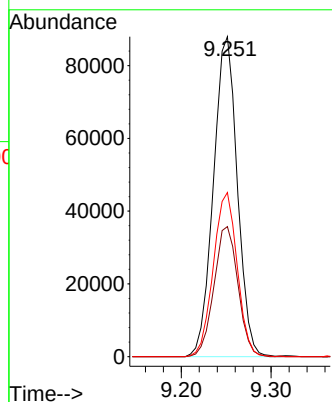
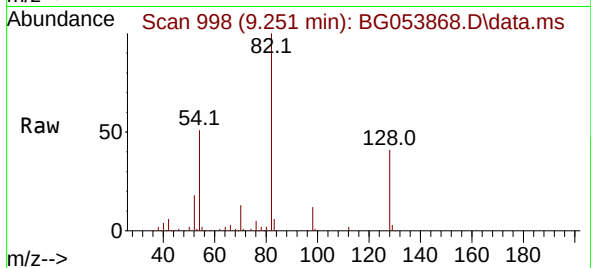
Tgt Ion: 82 Resp: 162424

Ion Ratio Lower Upper

82 100

128 40.6 27.9 41.9

54 51.3 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.710 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

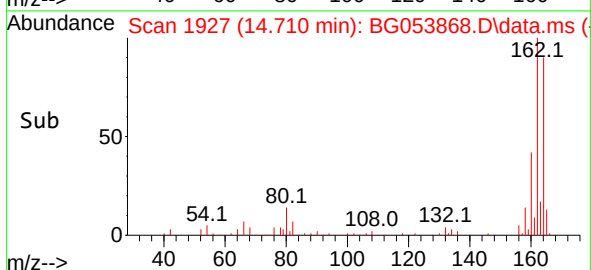
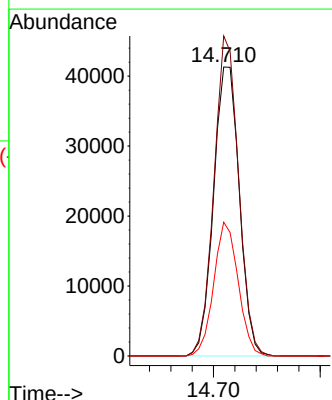
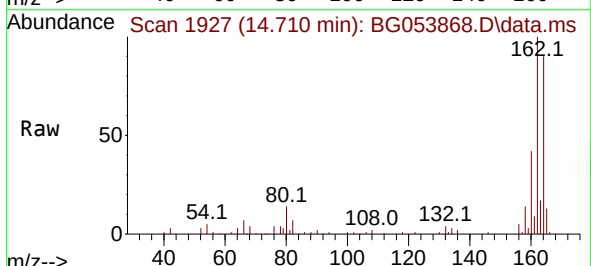
Tgt Ion:164 Resp: 69319

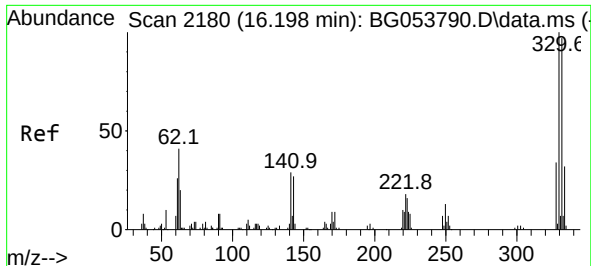
Ion Ratio Lower Upper

164 100

162 110.7 82.3 123.5

160 46.3 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 210.319 ng

RT: 16.196 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053868.D

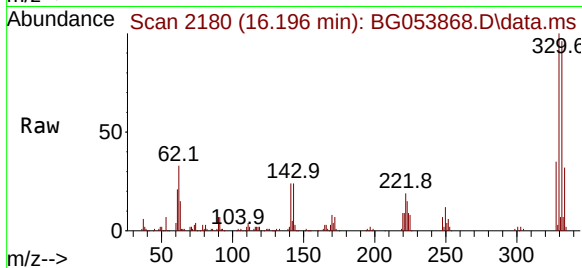
Acq: 9 Jun 2022 19:54

Instrument :

BNA\_G

ClientSampleId :

TP-11C



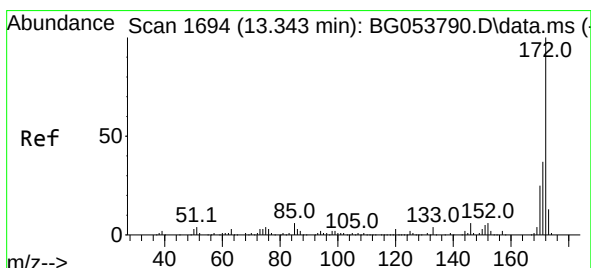
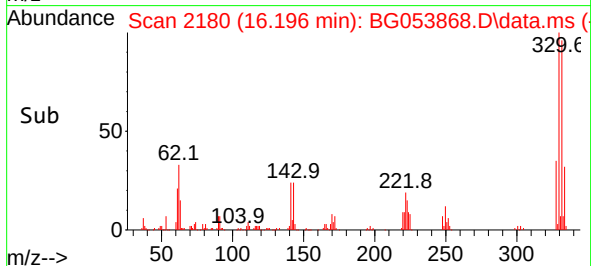
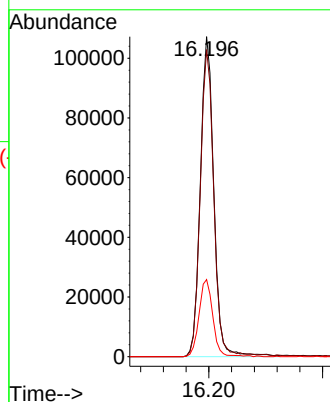
Tgt Ion:330 Resp: 176970

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 24.7 27.1 40.7#



#45

2-Fluorobiphenyl

Concen: 96.736 ng

RT: 13.341 min Scan# 1694

Delta R.T. -0.002 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

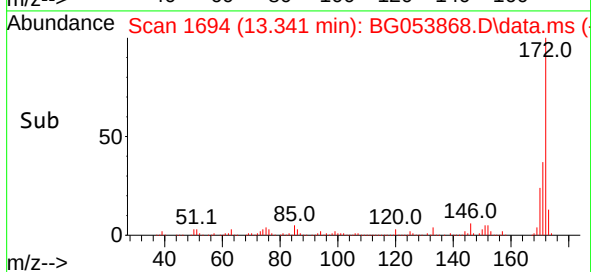
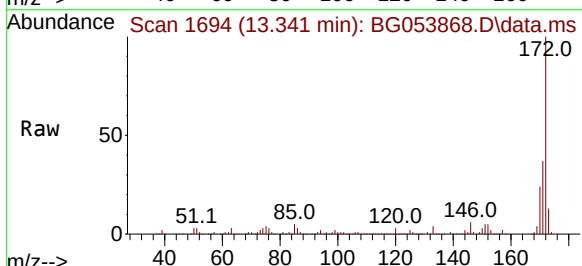
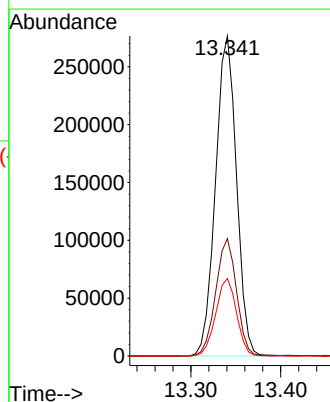
Tgt Ion:172 Resp: 448235

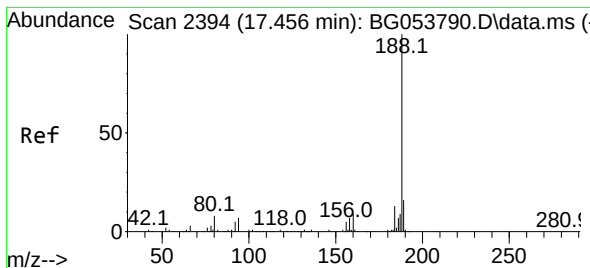
Ion Ratio Lower Upper

172 100

171 36.7 28.5 42.7

170 24.2 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.453 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

Instrument :

BNA\_G

ClientSampleId :

TP-11C

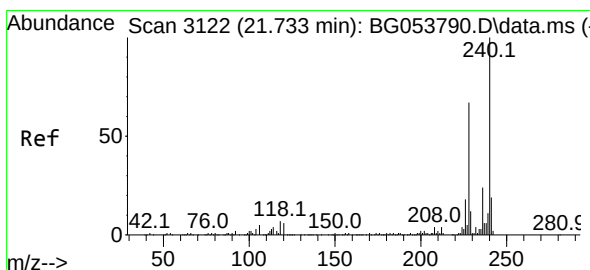
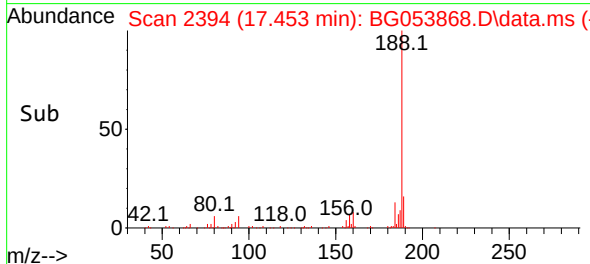
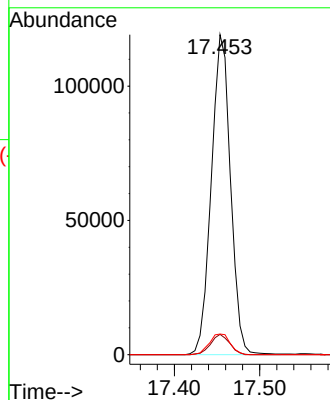
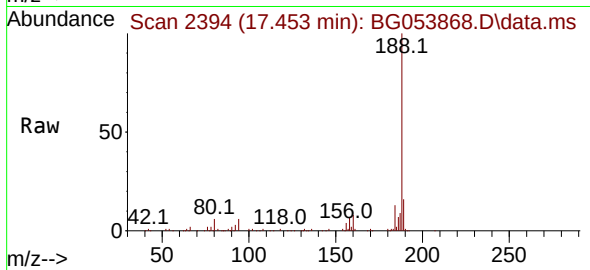
Tgt Ion:188 Resp: 186312

Ion Ratio Lower Upper

188 100

94 6.4 5.4 8.0

80 6.5 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.731 min Scan# 3122

Delta R.T. -0.002 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

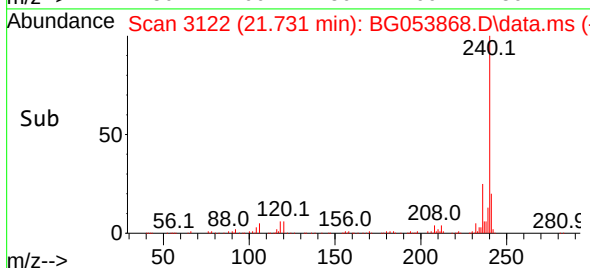
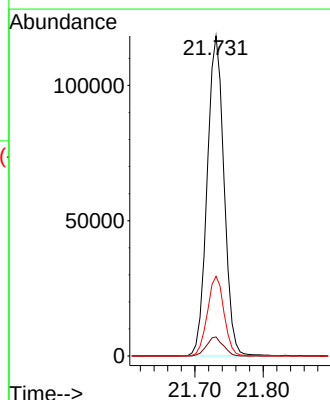
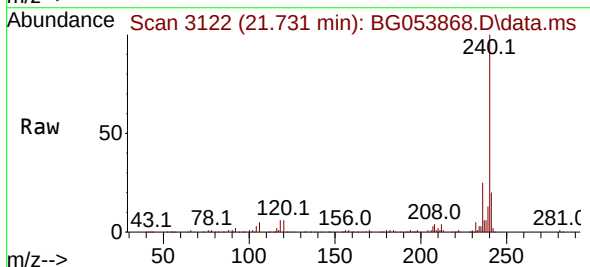
Tgt Ion:240 Resp: 203101

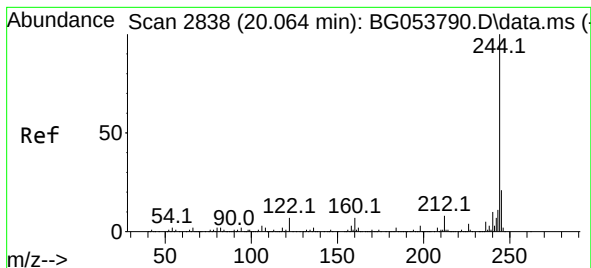
Ion Ratio Lower Upper

240 100

120 5.9 4.6 7.0

236 24.9 20.2 30.4





#79

Terphenyl-d14

Concen: 93.399 ng

RT: 20.062 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

Instrument :

BNA\_G

ClientSampleId :

TP-11C

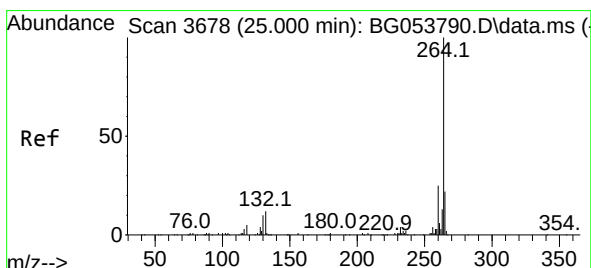
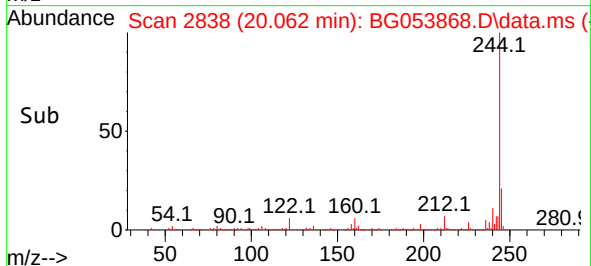
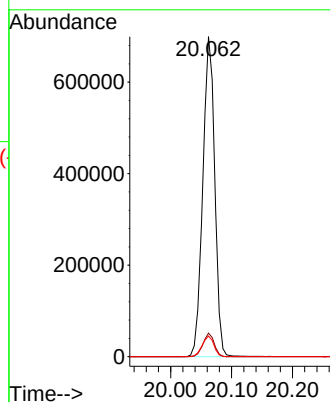
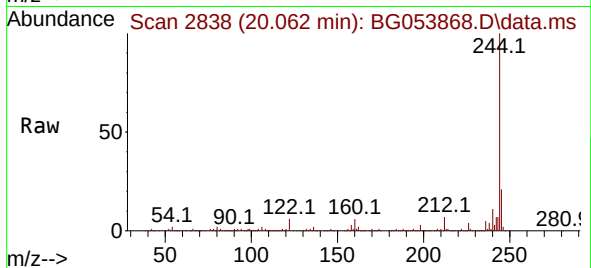
Tgt Ion:244 Resp: 953521

Ion Ratio Lower Upper

244 100

212 7.3 6.5 9.7

122 6.5 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.998 min Scan# 3678

Delta R.T. -0.002 min

Lab File: BG053868.D

Acq: 9 Jun 2022 19:54

Tgt Ion:264 Resp: 201693

Ion Ratio Lower Upper

264 100

260 22.1 19.0 28.6

265 21.2 17.4 26.2

