

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051022\  
 Data File : BG053511.D  
 Acq On : 10 May 2022 17:00  
 Operator : CG/JU  
 Sample : N2763-01  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-4-20220509

Quant Time: May 11 06:03:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.088  | 152  | 22136    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.896 | 136  | 85231    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.709 | 164  | 62714    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.458 | 188  | 162262   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.734 | 240  | 206183   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12            | 25.012 | 264  | 205318   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.650  | 112  | 74569    | 57.171  | ng    | 0.00     |
| 7) Phenol-d6                | 7.248  | 99   | 64263    | 32.464  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.245  | 82   | 194407   | 97.096  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.201 | 330  | 136194   | 147.243 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.334 | 172  | 443932   | 103.439 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.060 | 244  | 856596   | 77.377  | ng    | 0.00     |

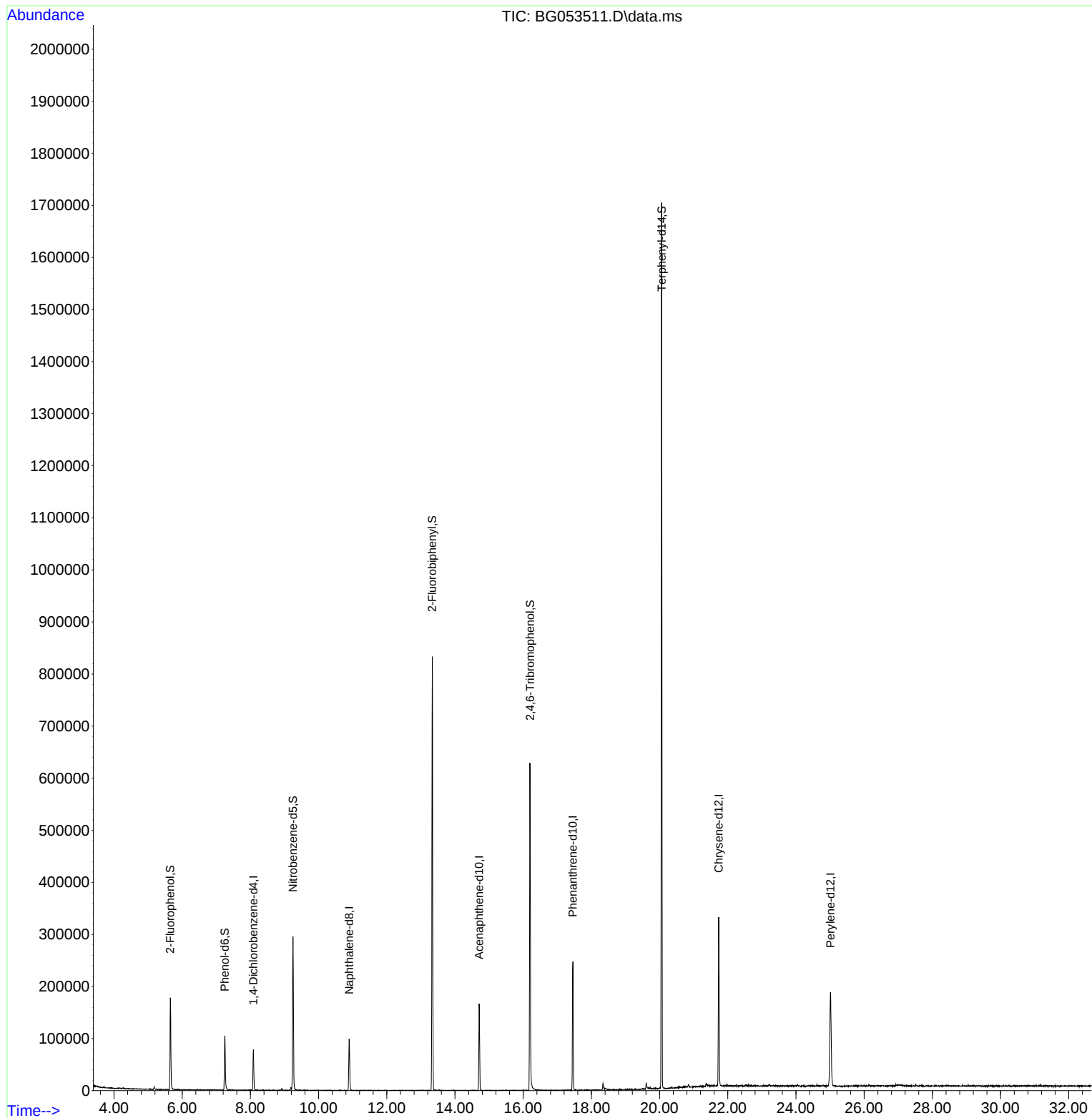
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

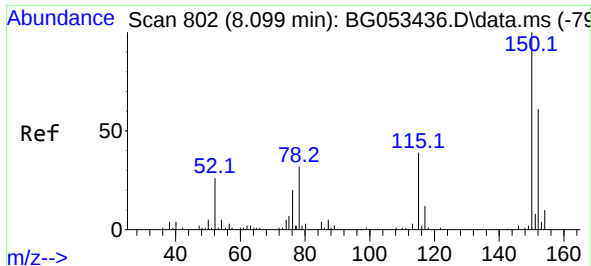
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 11 06:00:46 2022  
Response via : Initial Calibration

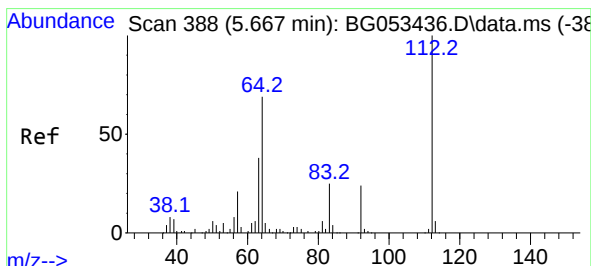
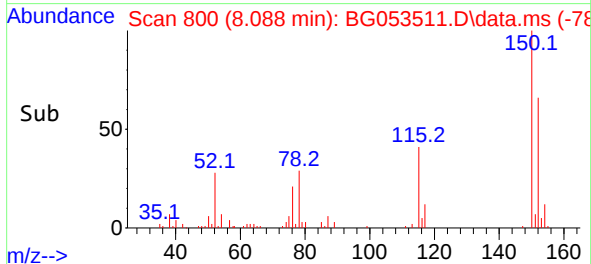
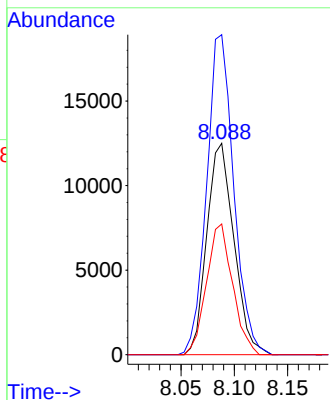
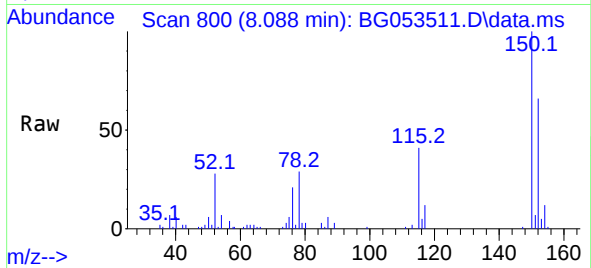




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.088 min Scan# 80  
Delta R.T. -0.001 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

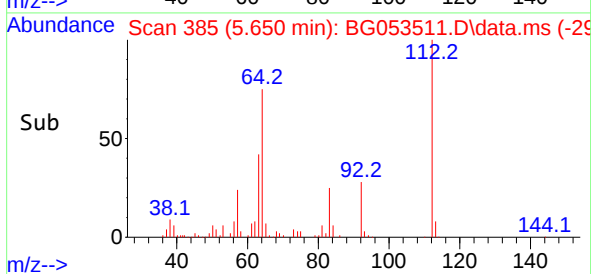
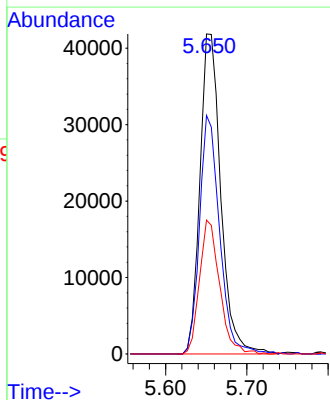
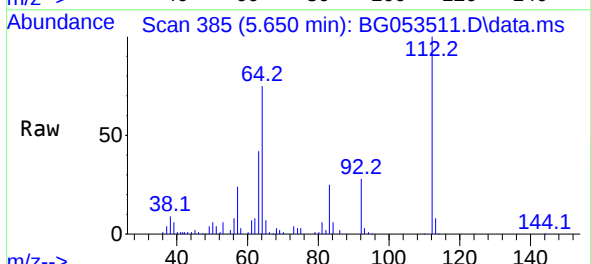
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20220509

Tgt Ion:152 Resp: 22136  
Ion Ratio Lower Upper  
152 100  
150 151.4 131.6 197.4  
115 61.8 50.9 76.3



#5  
2-Fluorophenol  
Concen: 57.171 ng  
RT: 5.650 min Scan# 385  
Delta R.T. -0.001 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

Tgt Ion:112 Resp: 74569  
Ion Ratio Lower Upper  
112 100  
64 74.5 55.1 82.7  
63 41.8 30.4 45.6

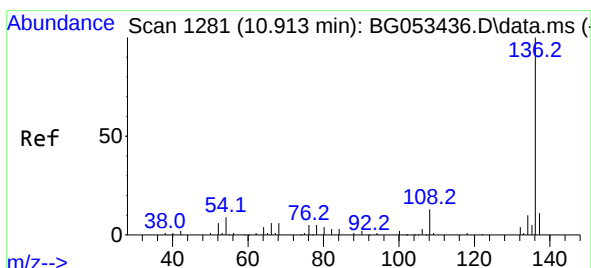
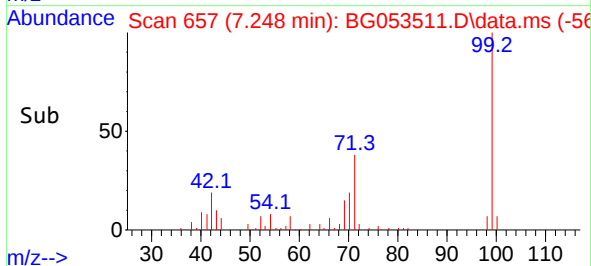
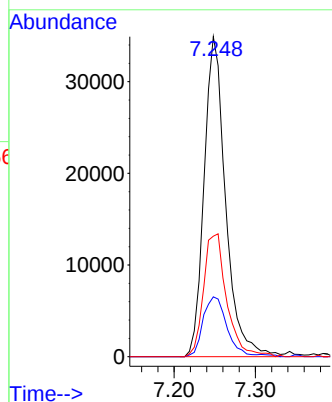
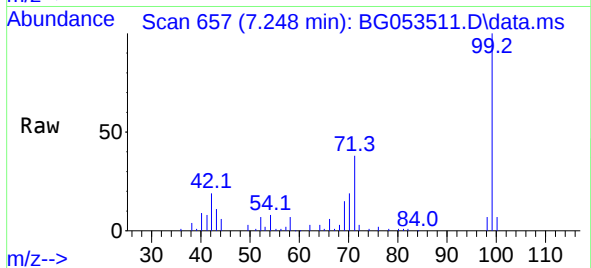




#7  
Phenol-d6  
Concen: 32.464 ng  
RT: 7.248 min Scan# 61  
Delta R.T. -0.001 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

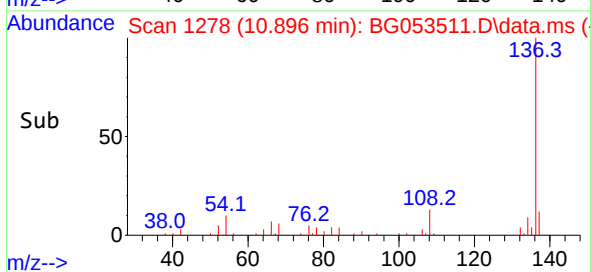
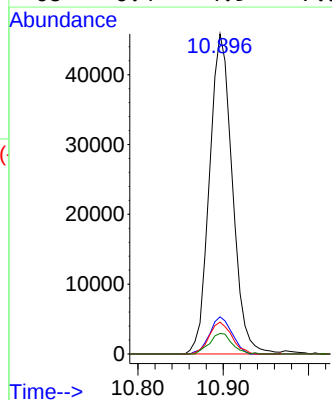
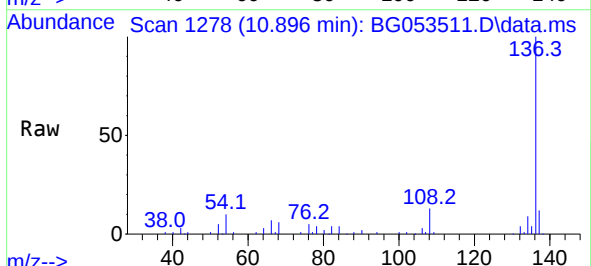
Instrument :  
BNA\_G  
ClientSampleId :  
MW-4-20220509

Tgt Ion: 99 Resp: 64263  
Ion Ratio Lower Upper  
99 100  
42 18.7 17.0 25.6  
71 37.7 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.896 min Scan# 1278  
Delta R.T. -0.001 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

Tgt Ion: 136 Resp: 85231  
Ion Ratio Lower Upper  
136 100  
137 11.6 8.5 12.7  
54 10.0 7.4 11.2  
68 6.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 97.096 ng

RT: 9.245 min Scan# 91

Delta R.T. -0.007 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

Instrument :

BNA\_G

ClientSampleId :

MW-4-20220509

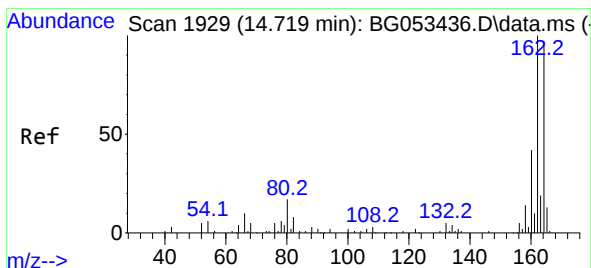
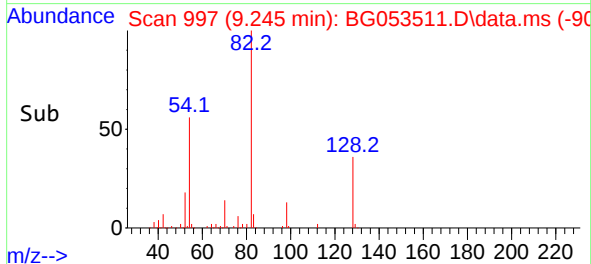
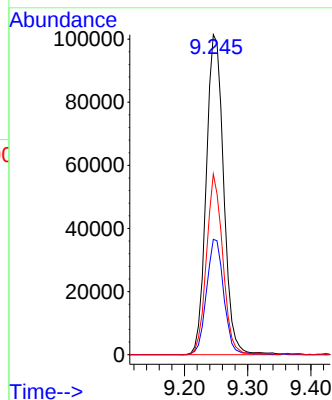
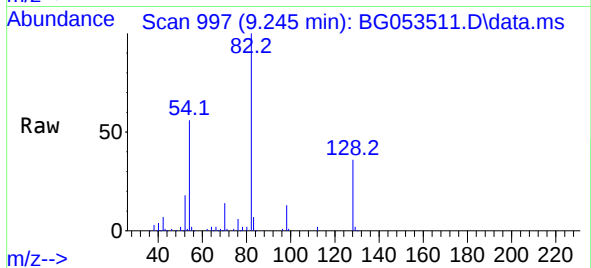
Tgt Ion: 82 Resp: 194407

Ion Ratio Lower Upper

82 100

128 36.0 27.9 41.9

54 56.4 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.709 min Scan# 1927

Delta R.T. -0.007 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

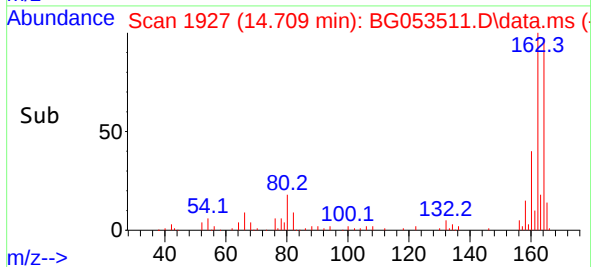
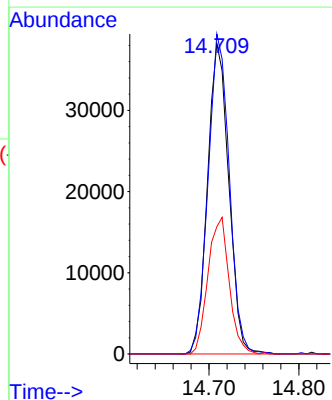
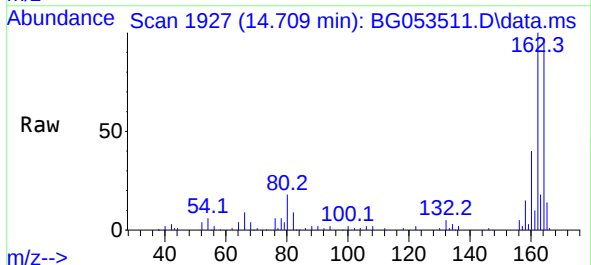
Tgt Ion: 164 Resp: 62714

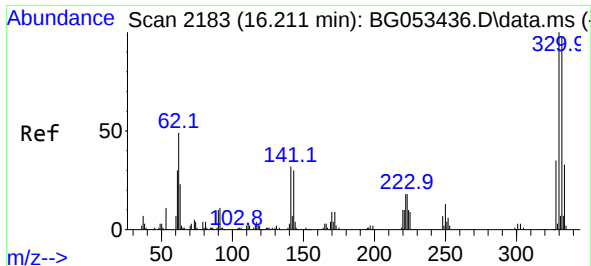
Ion Ratio Lower Upper

164 100

162 103.1 82.3 123.5

160 41.0 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 147.243 ng

RT: 16.201 min Scan# 2183

Delta R.T. -0.001 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

Instrument :

BNA\_G

ClientSampleId :

MW-4-20220509

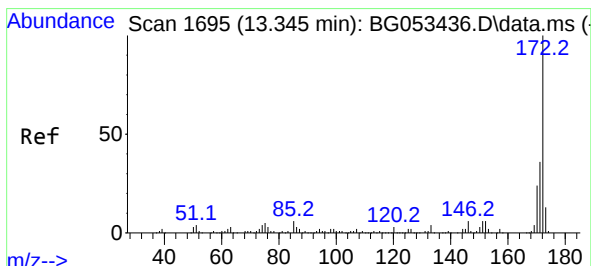
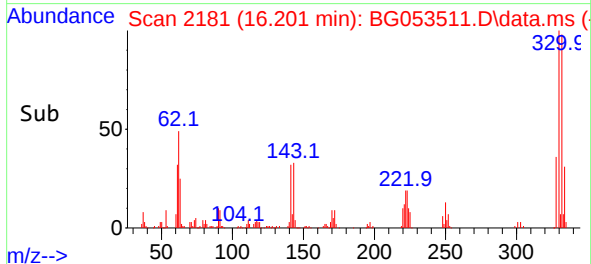
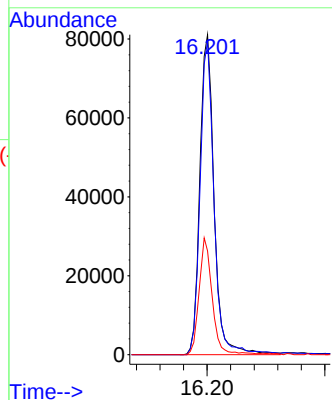
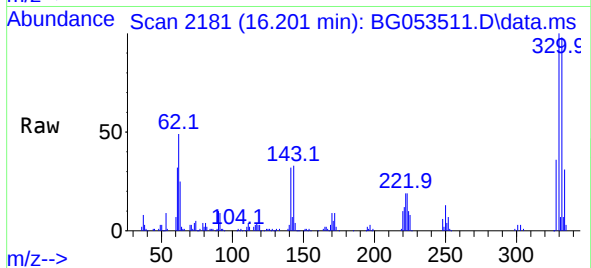
Tgt Ion:330 Resp: 136194

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 103.439 ng

RT: 13.334 min Scan# 1693

Delta R.T. -0.001 min

Lab File: BG053511.D

Acq: 10 May 2022 17:00

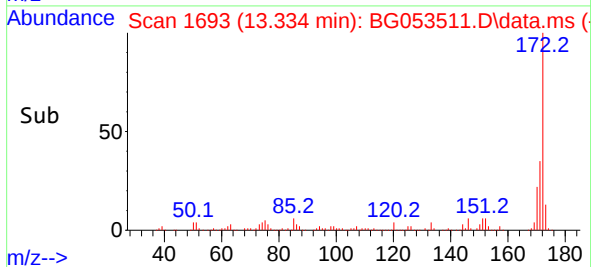
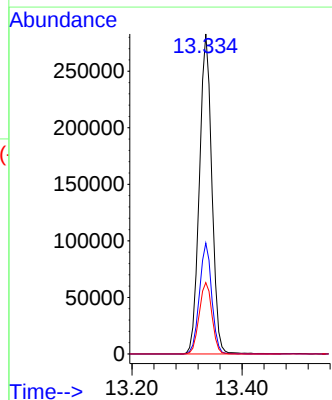
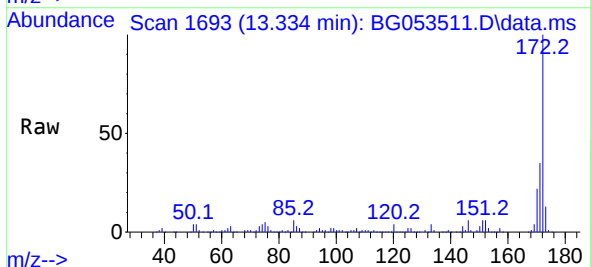
Tgt Ion:172 Resp: 443932

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

170 22.3 18.9 28.3

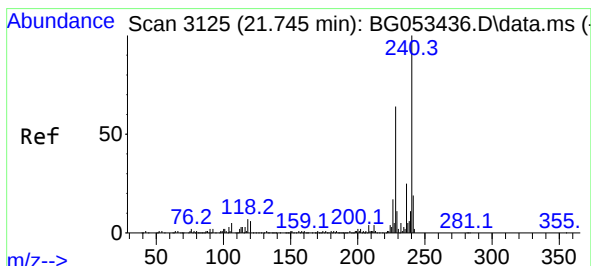
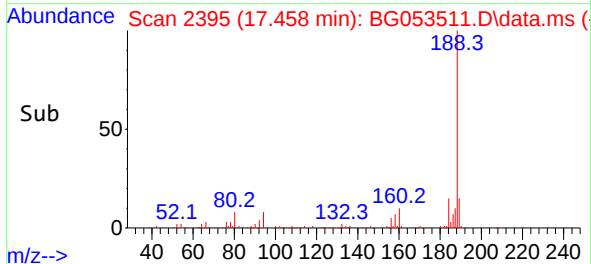
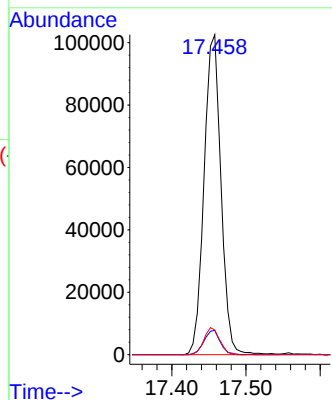
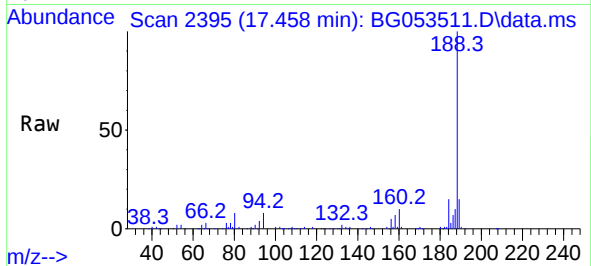




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.458 min Scan# 21  
Delta R.T. -0.001 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

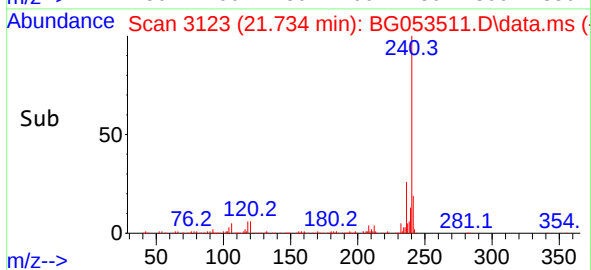
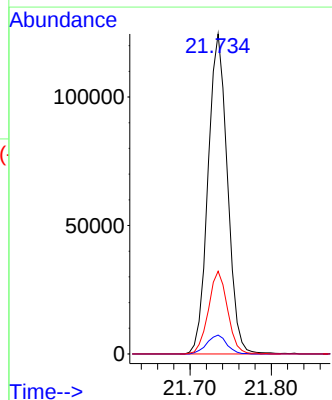
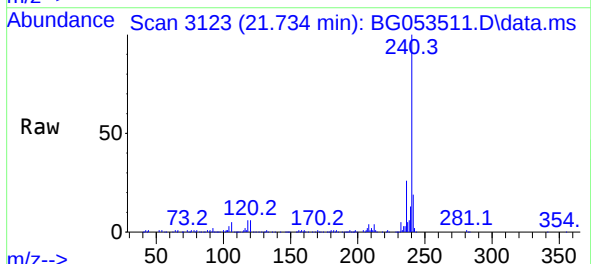
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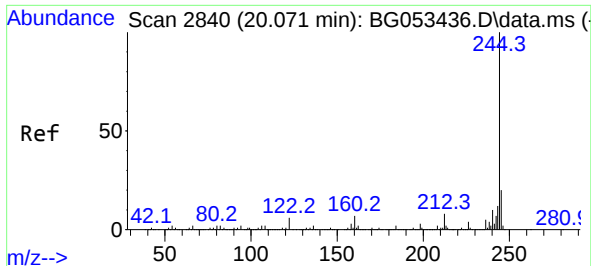
Tgt Ion:188 Resp: 162262  
Ion Ratio Lower Upper  
188 100  
94 7.6 5.4 8.0  
80 7.7 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.734 min Scan# 3123  
Delta R.T. -0.007 min  
Lab File: BG053511.D  
Acq: 10 May 2022 17:00

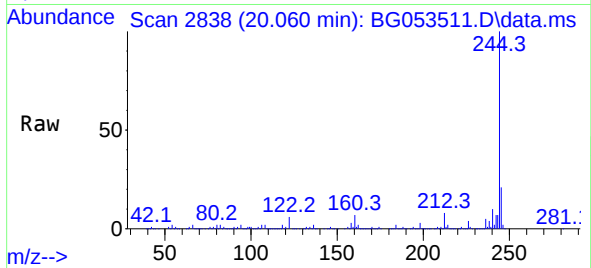
Tgt Ion:240 Resp: 206183  
Ion Ratio Lower Upper  
240 100  
120 5.9 4.6 7.0  
236 25.8 20.2 30.4



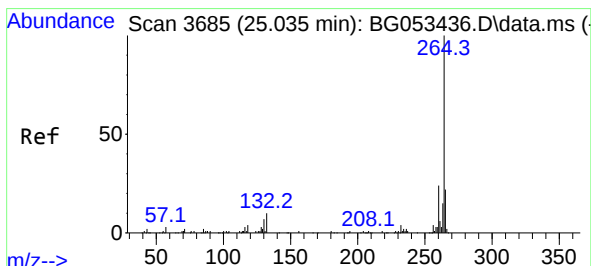
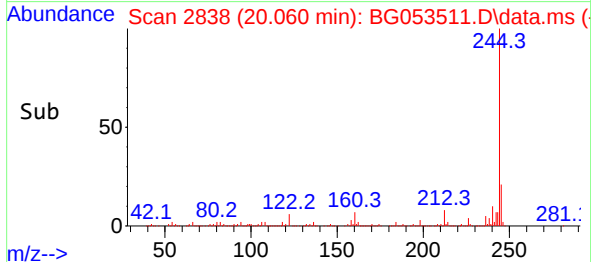
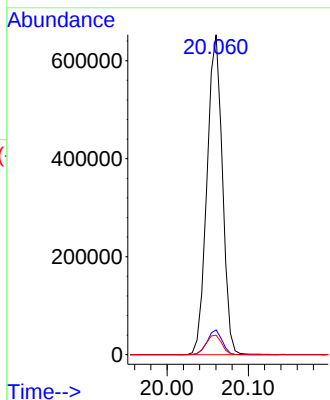


#79  
 Terphenyl-d14  
 Concen: 77.377 ng  
 RT: 20.060 min Scan# 21  
 Delta R.T. -0.001 min  
 Lab File: BG053511.D  
 Acq: 10 May 2022 17:00

Instrument :  
 BNA\_G  
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 MW-4-20220509



Tgt Ion:244 Resp: 856596  
 Ion Ratio Lower Upper  
 244 100  
 212 7.7 6.5 9.7  
 122 6.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.012 min Scan# 3681  
 Delta R.T. -0.007 min  
 Lab File: BG053511.D  
 Acq: 10 May 2022 17:00

Tgt Ion:264 Resp: 205318  
 Ion Ratio Lower Upper  
 264 100  
 260 25.0 19.0 28.6  
 265 22.7 17.4 26.2

