

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG060222\  
 Data File : BG053803.D  
 Acq On : 2 Jun 2022 22:56  
 Operator : CG/JU  
 Sample : N2987-03  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1218-01

Quant Time: Jun 03 02:28:46 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   | 8.091  | 152  | 25950    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.900 | 136  | 112081   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10        | 14.713 | 164  | 92331    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.457 | 188  | 254788   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12            | 21.728 | 240  | 195885   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12            | 25.001 | 264  | 196807   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.653  | 112  | 138478   | 97.994  | ng    | 0.00     |
| 7) Phenol-d6                | 7.239  | 99   | 193398   | 101.032 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.249  | 82   | 115244   | 67.521  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.193 | 330  | 112294   | 100.194 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.338 | 172  | 335002   | 54.279  | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.065 | 244  | 676792   | 68.735  | ng    | 0.00     |

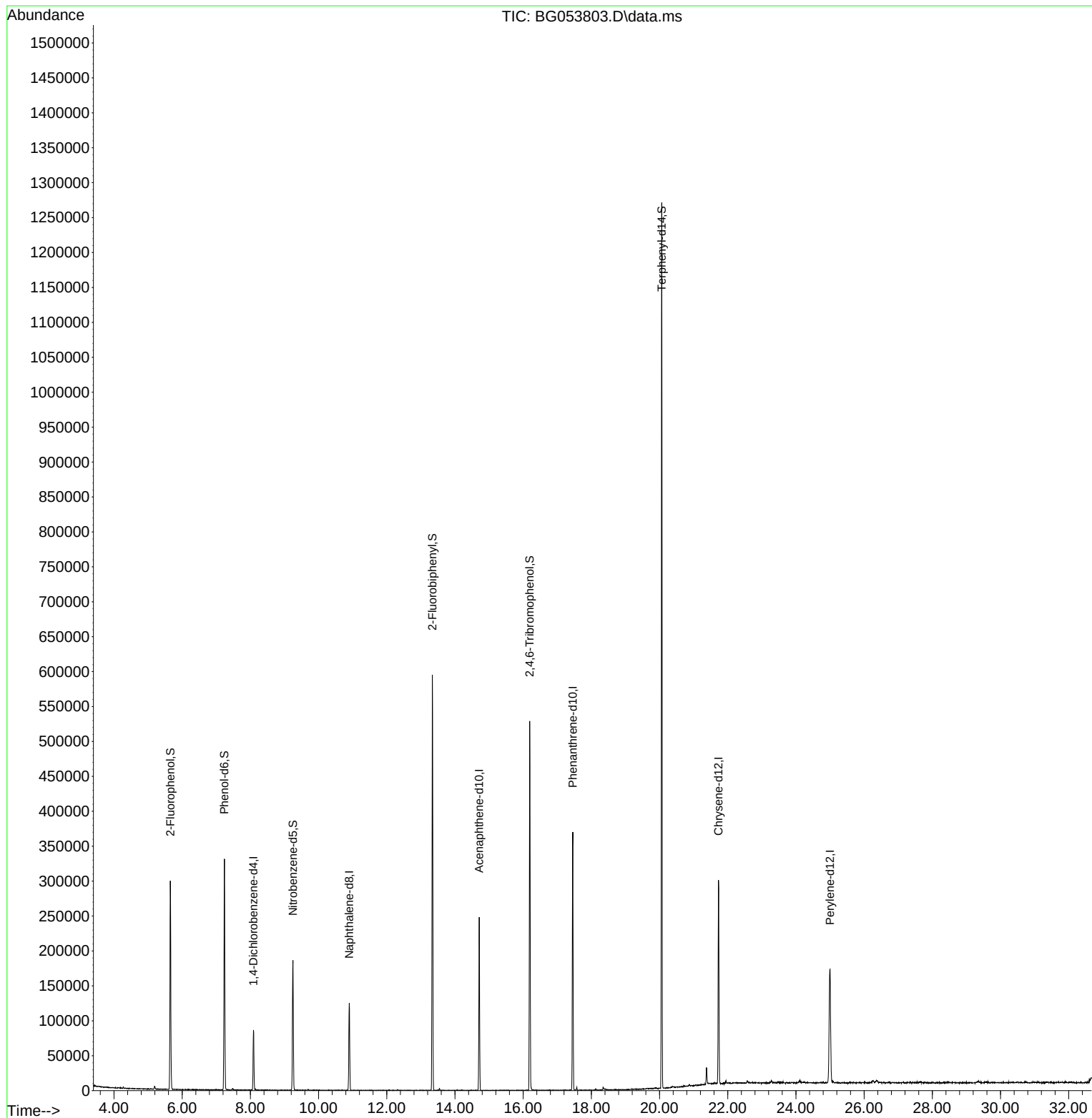
|                  |        |
|------------------|--------|
| Target Compounds | Qvalue |
| -----            |        |

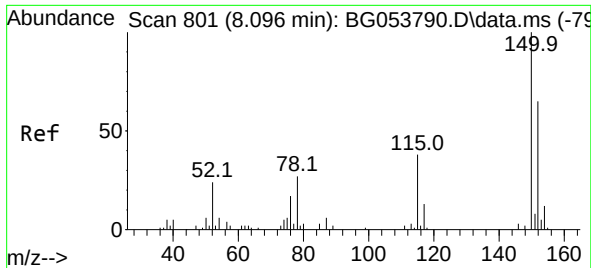
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 02 23:22:27 2022  
Response via : Initial Calibration

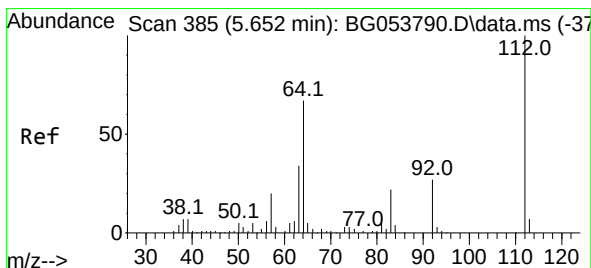
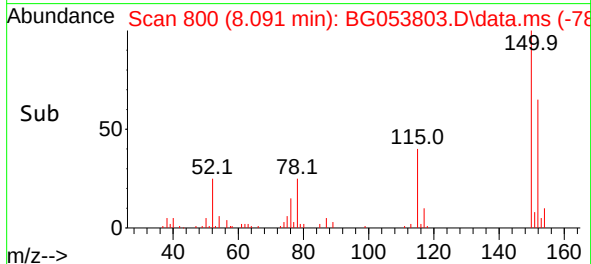
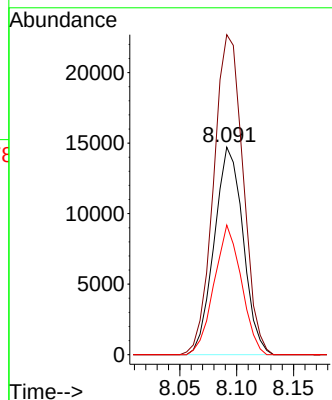
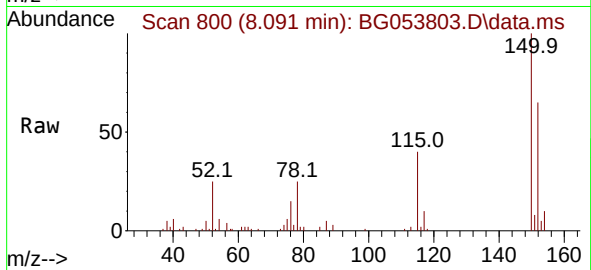




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.091 min Scan# 801  
Delta R.T. -0.005 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

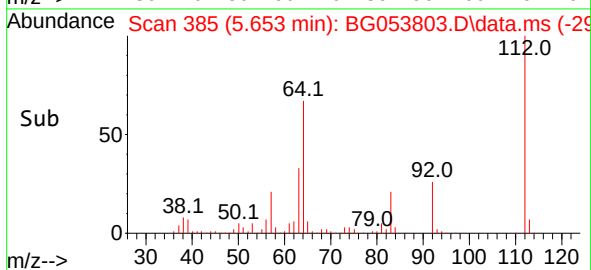
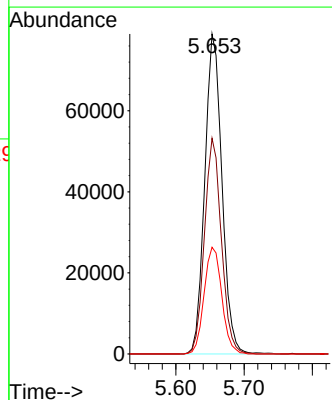
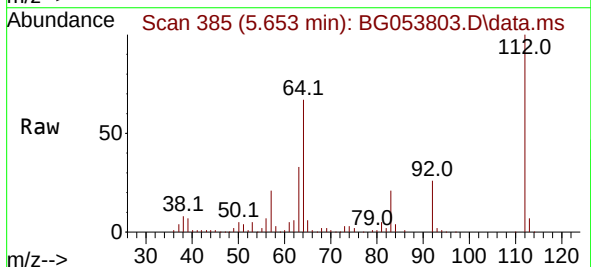
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1218-01

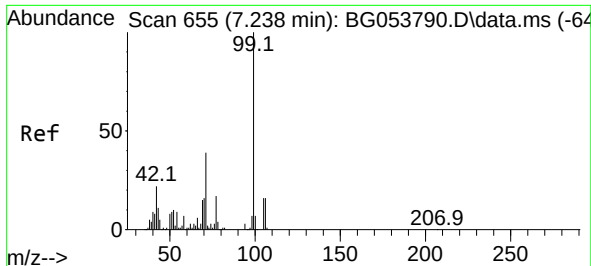
Tgt Ion:152 Resp: 25950  
Ion Ratio Lower Upper  
152 100  
150 154.2 131.6 197.4  
115 62.4 50.9 76.3



#5  
2-Fluorophenol  
Concen: 97.994 ng  
RT: 5.653 min Scan# 385  
Delta R.T. 0.001 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

Tgt Ion:112 Resp: 138478  
Ion Ratio Lower Upper  
112 100  
64 67.4 55.1 82.7  
63 33.4 30.4 45.6

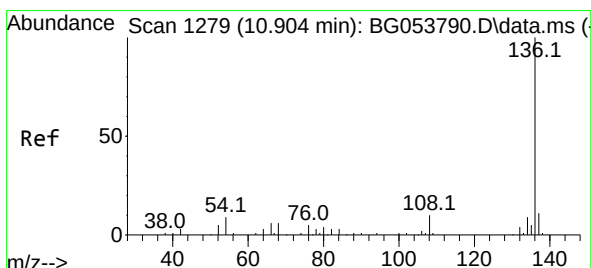
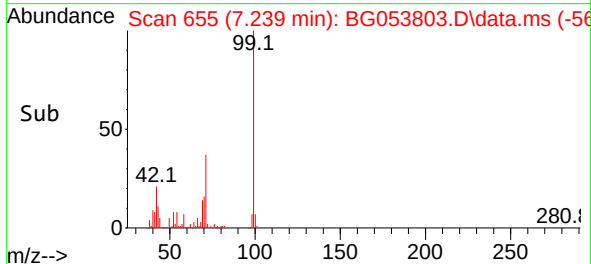
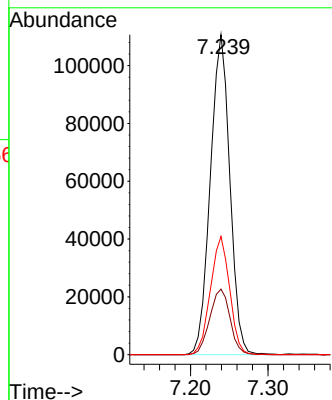
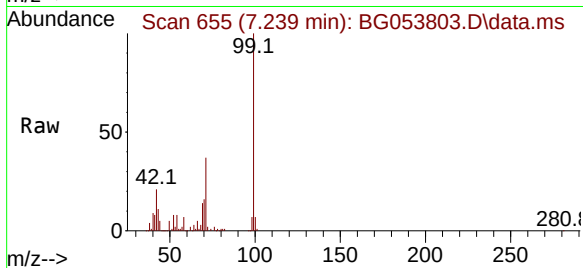




#7  
Phenol-d6  
Concen: 101.032 ng  
RT: 7.239 min Scan# 61  
Delta R.T. 0.001 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

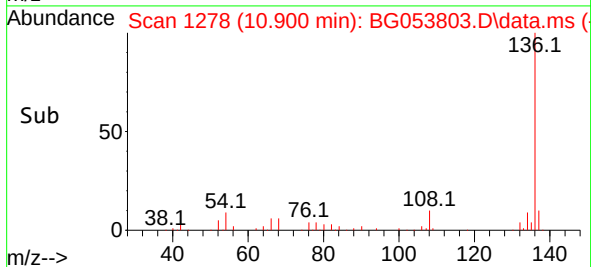
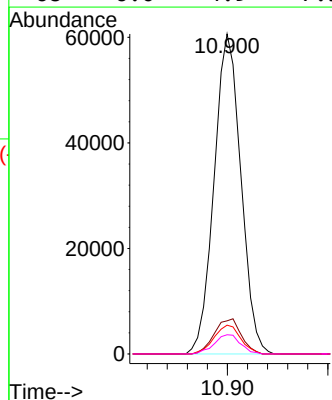
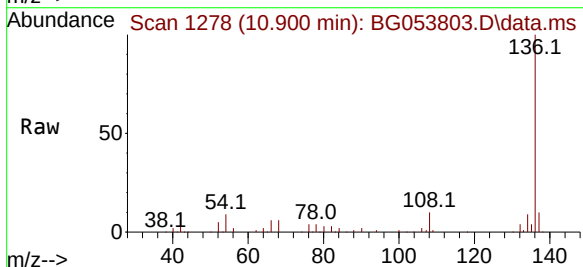
Instrument :  
BNA\_G  
ClientSampleId :  
P033-SS001-1218-01

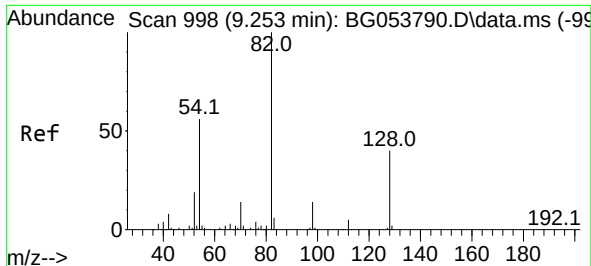
Tgt Ion: 99 Resp: 193398  
Ion Ratio Lower Upper  
99 100  
42 20.5 17.0 25.6  
71 37.0 33.8 50.8



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.900 min Scan# 1278  
Delta R.T. -0.004 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

Tgt Ion: 136 Resp: 112081  
Ion Ratio Lower Upper  
136 100  
137 10.4 8.5 12.7  
54 9.0 7.4 11.2  
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 67.521 ng

RT: 9.249 min Scan# 91

Delta R.T. -0.004 min

Lab File: BG053803.D

Acq: 2 Jun 2022 22:56

Instrument :

BNA\_G

ClientSampleId :

P033-SS001-1218-01

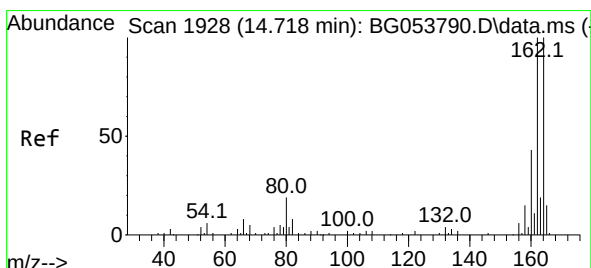
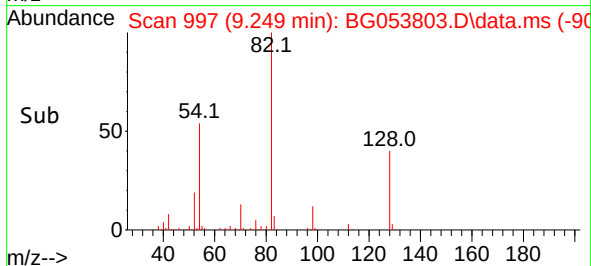
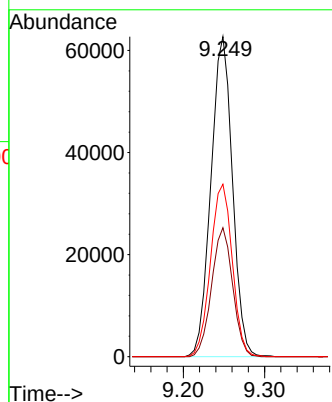
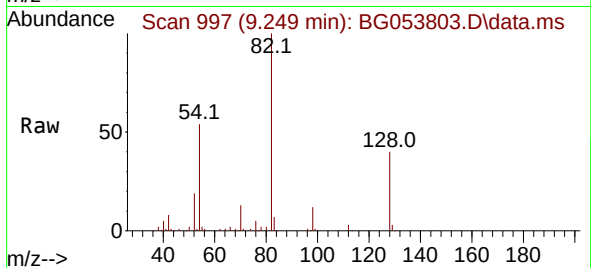
Tgt Ion: 82 Resp: 115244

Ion Ratio Lower Upper

82 100

128 40.3 27.9 41.9

54 53.9 41.2 61.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.713 min Scan# 1927

Delta R.T. -0.005 min

Lab File: BG053803.D

Acq: 2 Jun 2022 22:56

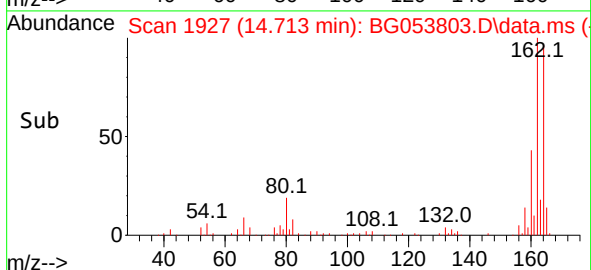
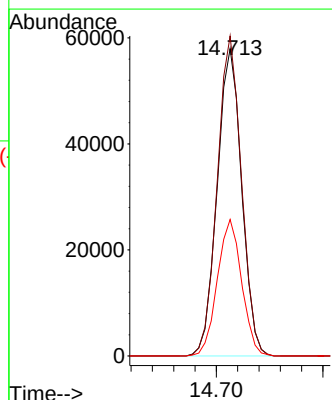
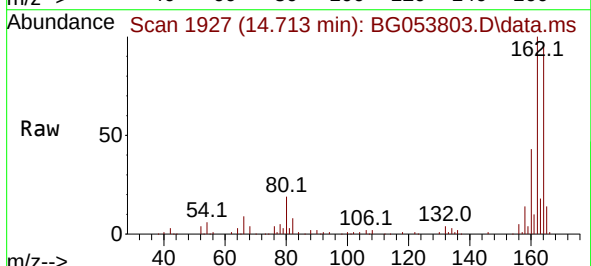
Tgt Ion: 164 Resp: 92331

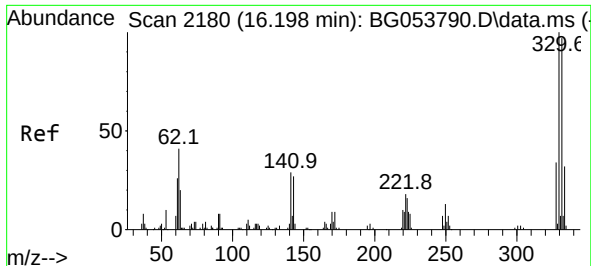
Ion Ratio Lower Upper

164 100

162 104.1 82.3 123.5

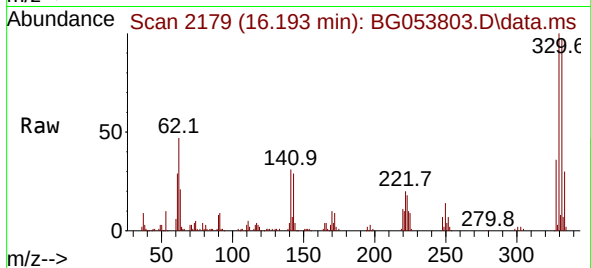
160 44.4 34.2 51.2



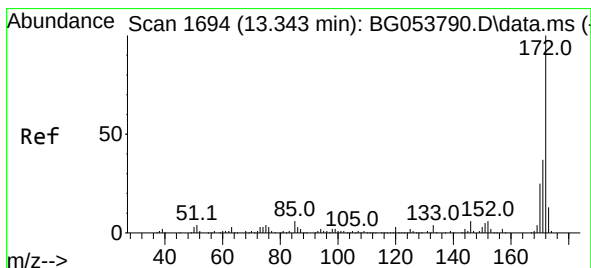
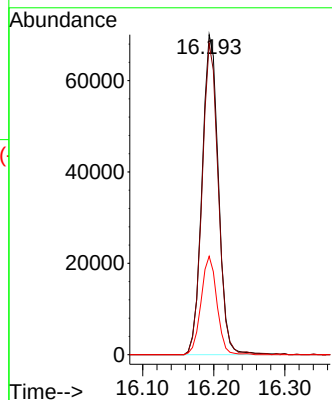
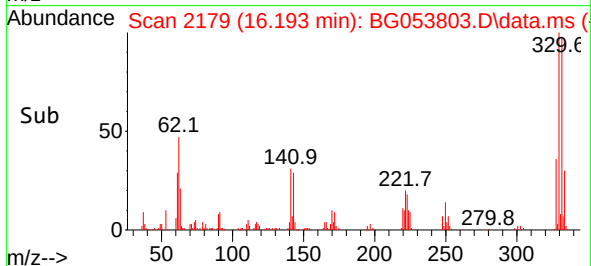


#42  
2,4,6-Tribromophenol  
Concen: 100.194 ng  
RT: 16.193 min Scan# 2180  
Delta R.T. -0.005 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

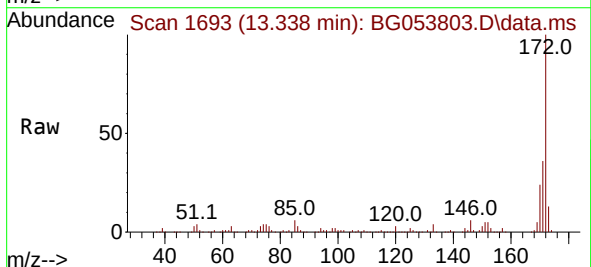
Instrument :  
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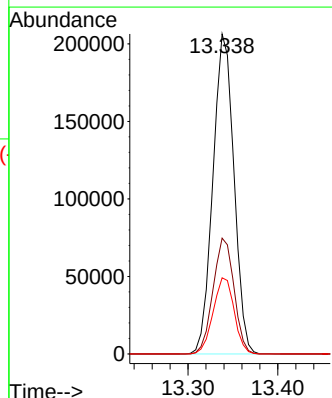
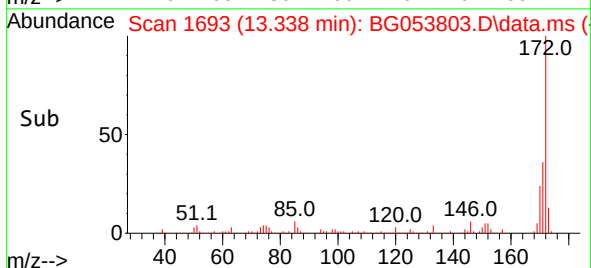
Tgt Ion:330 Resp: 112294  
Ion Ratio Lower Upper  
330 100  
332 96.3 76.0 114.0  
141 29.7 27.1 40.7

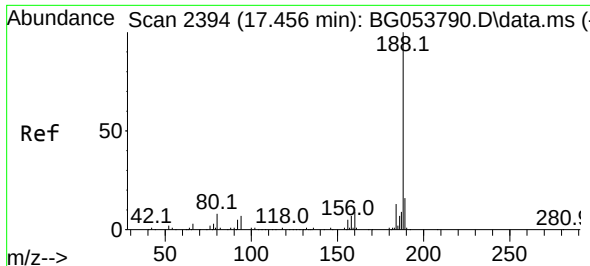


#45  
2-Fluorobiphenyl  
Concen: 54.279 ng  
RT: 13.338 min Scan# 1693  
Delta R.T. -0.005 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56



Tgt Ion:172 Resp: 335002  
Ion Ratio Lower Upper  
172 100  
171 36.2 28.5 42.7  
170 23.8 18.9 28.3

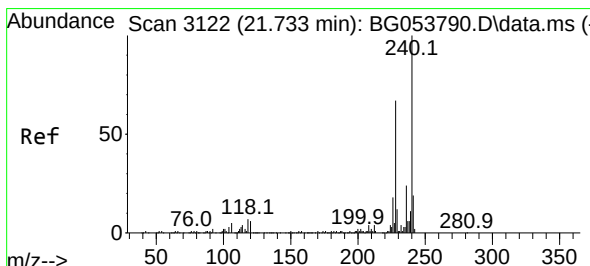
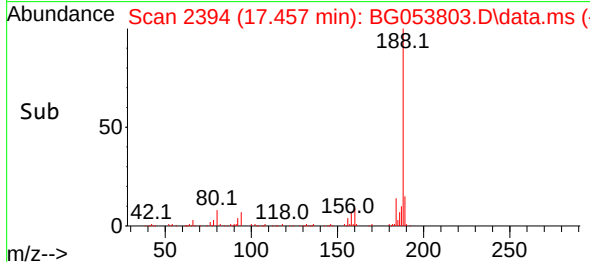
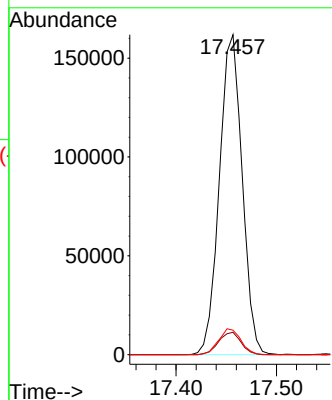
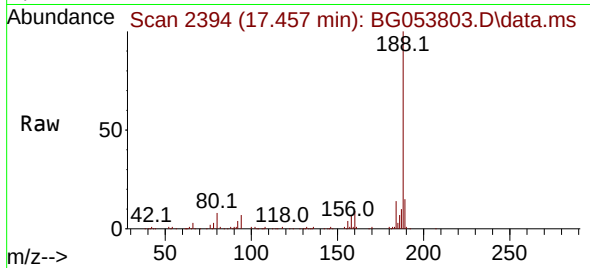




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.457 min Scan# 21  
Delta R.T. 0.001 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

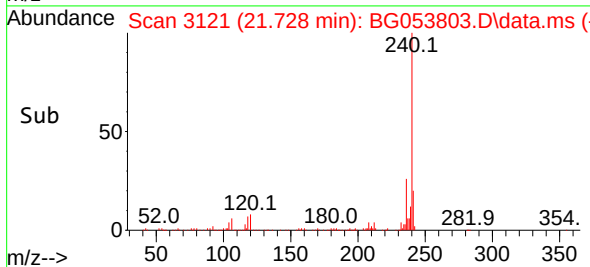
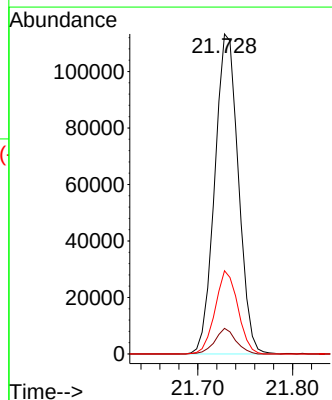
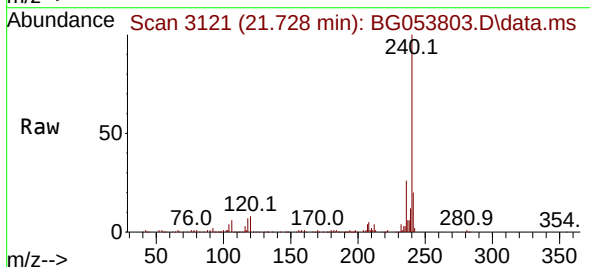
Instrument :  
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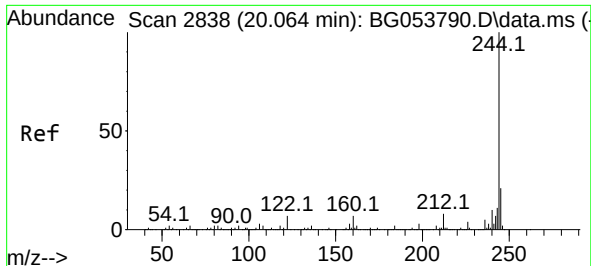
Tgt Ion:188 Resp: 254788  
Ion Ratio Lower Upper  
188 100  
94 7.0 5.4 8.0  
80 7.7 6.8 10.2



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.728 min Scan# 3121  
Delta R.T. -0.005 min  
Lab File: BG053803.D  
Acq: 2 Jun 2022 22:56

Tgt Ion:240 Resp: 195885  
Ion Ratio Lower Upper  
240 100  
120 8.0 4.6 7.0#  
236 26.0 20.2 30.4

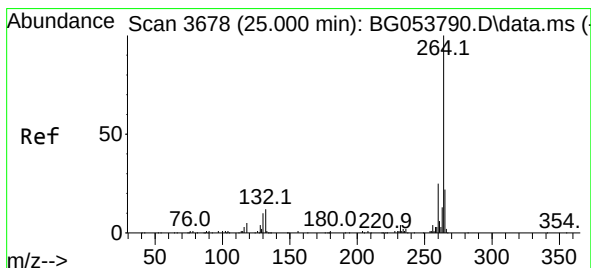
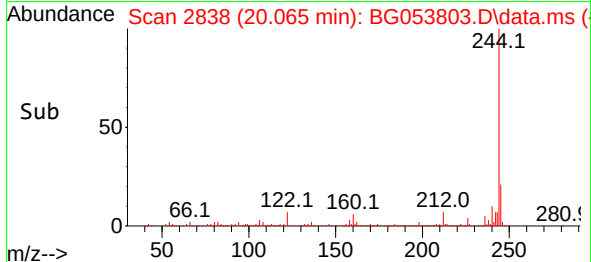
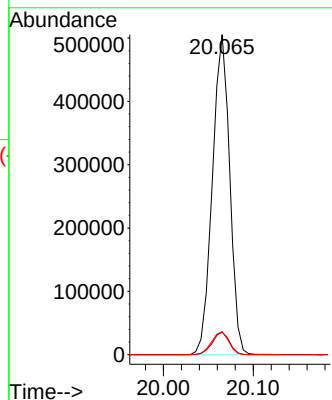
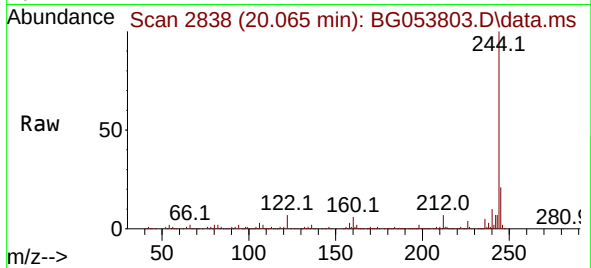




#79  
 Terphenyl-d14  
 Concen: 68.735 ng  
 RT: 20.065 min Scan# 21  
 Delta R.T. 0.001 min  
 Lab File: BG053803.D  
 Acq: 2 Jun 2022 22:56

Instrument :  
 BNA\_G  
 ClientSampleId :  
 P033-SS001-1218-01

Tgt Ion:244 Resp: 676792  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.5 9.7  
 122 7.2 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.001 min Scan# 3678  
 Delta R.T. 0.001 min  
 Lab File: BG053803.D  
 Acq: 2 Jun 2022 22:56

Tgt Ion:264 Resp: 196807  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 19.0 28.6  
 265 21.4 17.4 26.2

