

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG041922\  
 Data File : BG053202.D  
 Acq On : 19 Apr 2022 19:15  
 Operator : CG/JU  
 Sample : N2468-11  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-15-1-8

Quant Time: Apr 20 05:42:54 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG040822.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Apr 08 15:31:24 2022  
 Response via : Initial Calibration

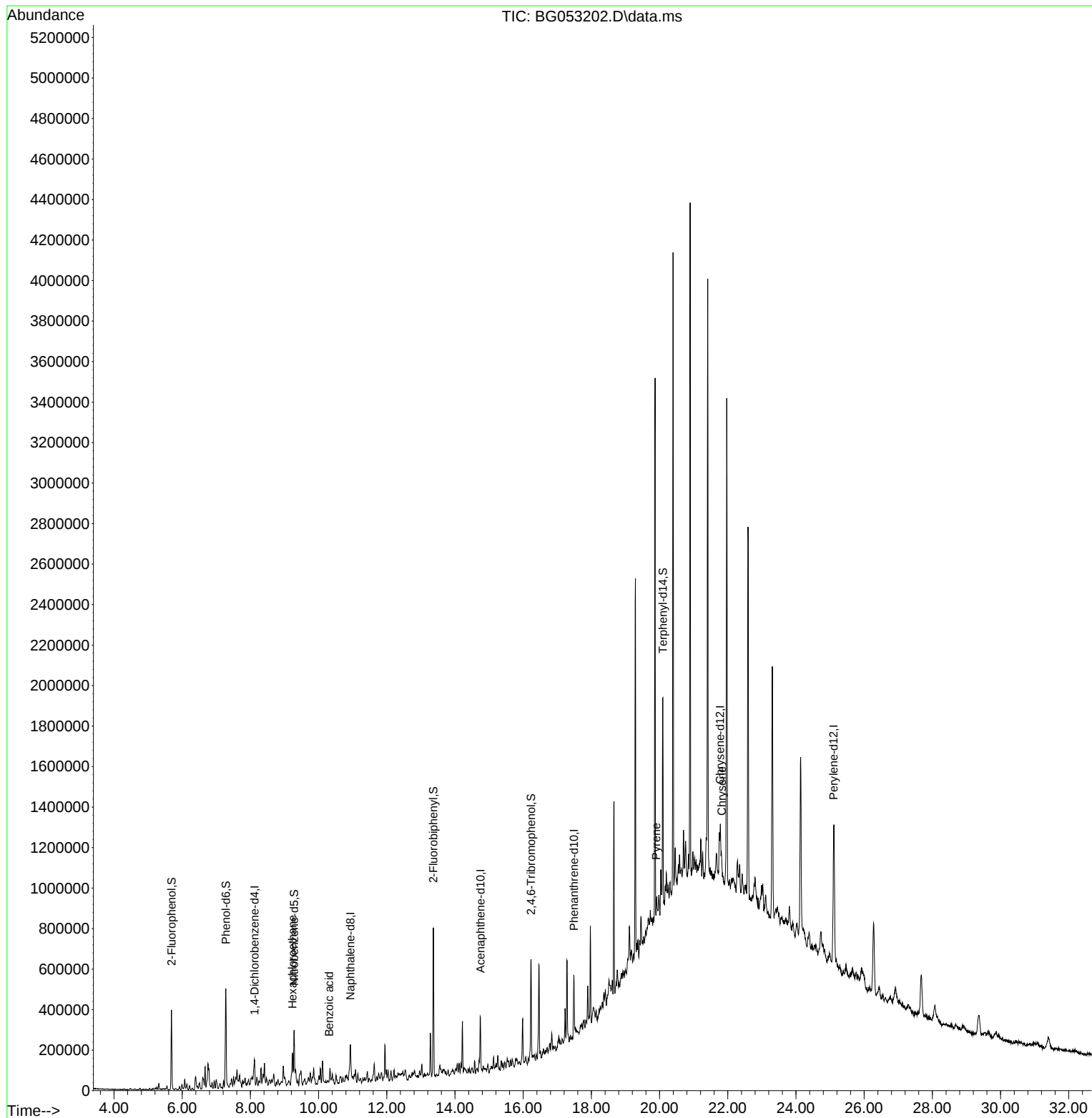
| Compound                    | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|--------|------|----------|--------|-------|----------|
| -----                       |        |      |          |        |       |          |
| Internal Standards          |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.117  | 152  | 31158    | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8          | 10.931 | 136  | 130806   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10        | 14.744 | 164  | 91671    | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10        | 17.487 | 188  | 180963   | 20.000 | ng    | 0.00     |
| 76) Chrysene-d12            | 21.775 | 240  | 165478   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12            | 25.100 | 264  | 179976   | 20.000 | ng    | # 0.02   |
| System Monitoring Compounds |        |      |          |        |       |          |
| 5) 2-Fluorophenol           | 5.685  | 112  | 159386   | 87.688 | ng    | 0.00     |
| 7) Phenol-d6                | 7.277  | 99   | 228702   | 81.591 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.281  | 82   | 170402   | 52.894 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol    | 16.230 | 330  | 107683   | 73.834 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 13.363 | 172  | 388519   | 58.441 | ng    | 0.00     |
| 79) Terphenyl-d14           | 20.095 | 244  | 539470   | 55.059 | ng    | 0.00     |
| Target Compounds            |        |      |          |        |       |          |
|                             |        |      |          |        |       | Qvalue   |
| 18) Hexachloroethane        | 9.234  | 117  | 6816     | 7.819  | ng    | # 1      |
| 32) Benzoic acid            | 10.309 | 122  | 54       | 3.670  | ng    | # 1      |
| 78) Pyrene                  | 19.901 | 202  | 30222    | 2.564  | ng    | # 73     |
| 83) Chrysene                | 21.822 | 228  | 45819    | 4.364  | ng    | # 59     |
| -----                       |        |      |          |        |       |          |

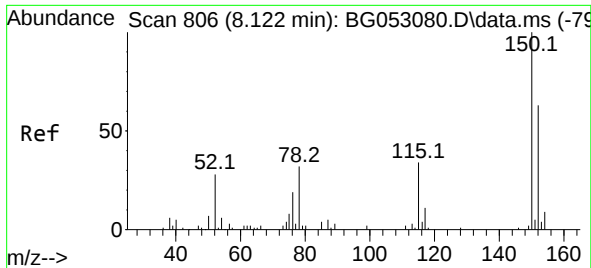
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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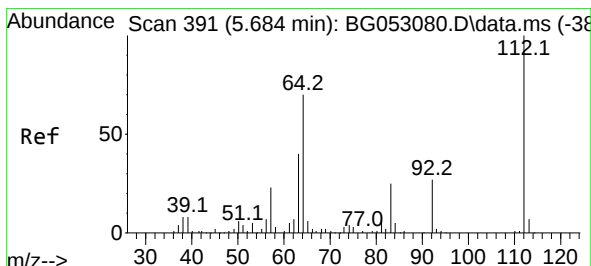
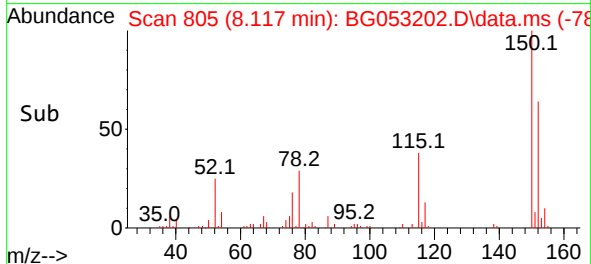
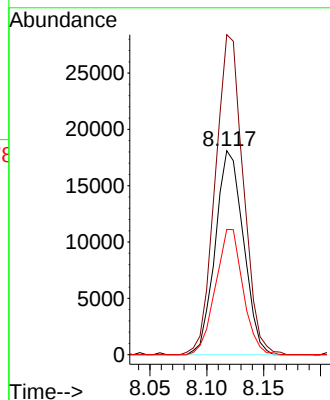
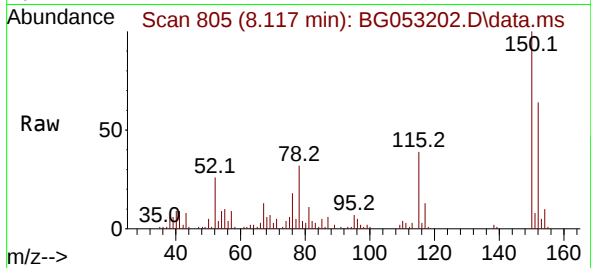




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.117 min Scan# 806  
Delta R.T. -0.005 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

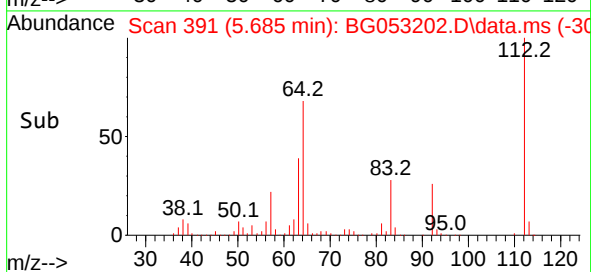
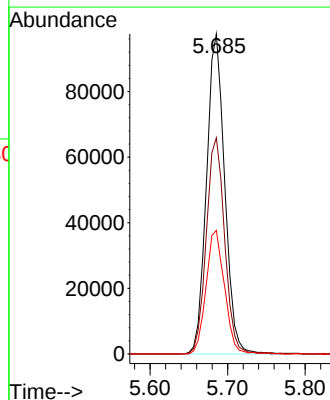
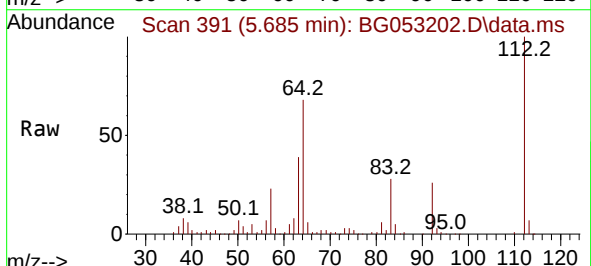
Instrument :  
BNA\_G  
ClientSampleId :  
WC-15-1-8

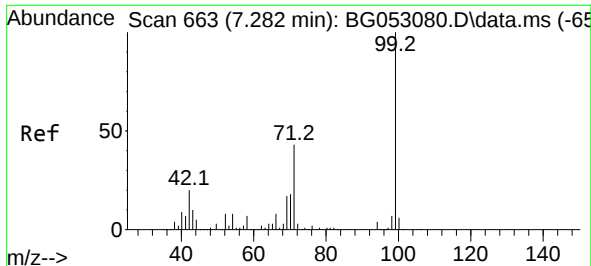
Tgt Ion:152 Resp: 31158  
Ion Ratio Lower Upper  
152 100  
150 156.9 114.6 172.0  
115 61.4 45.9 68.9



#5  
2-Fluorophenol  
Concen: 87.688 ng  
RT: 5.685 min Scan# 391  
Delta R.T. 0.001 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

Tgt Ion:112 Resp: 159386  
Ion Ratio Lower Upper  
112 100  
64 67.5 48.0 72.0  
63 38.6 26.5 39.7

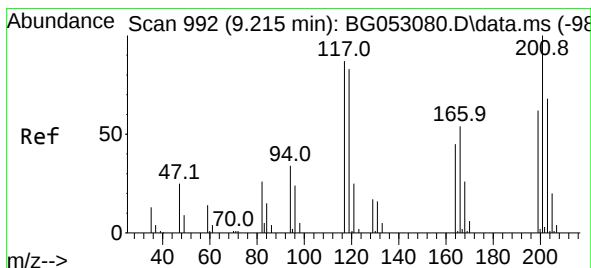
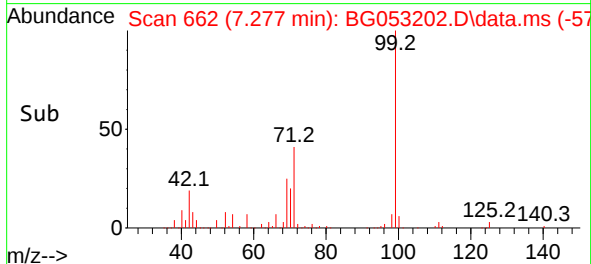
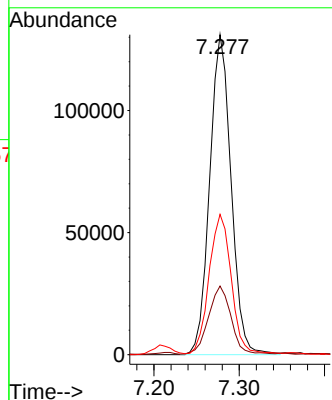
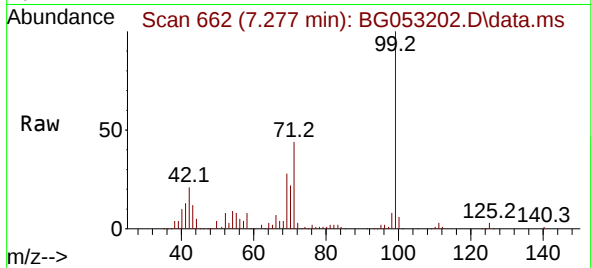




#7  
Phenol-d6  
Concen: 81.591 ng  
RT: 7.277 min Scan# 60  
Delta R.T. -0.004 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

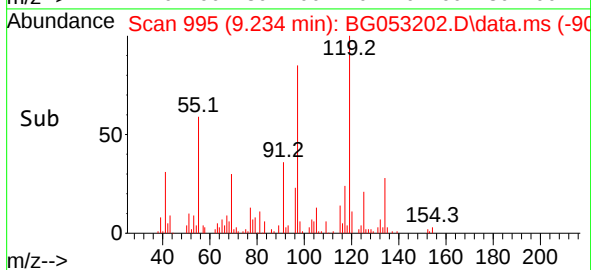
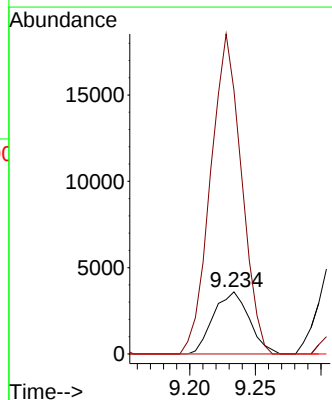
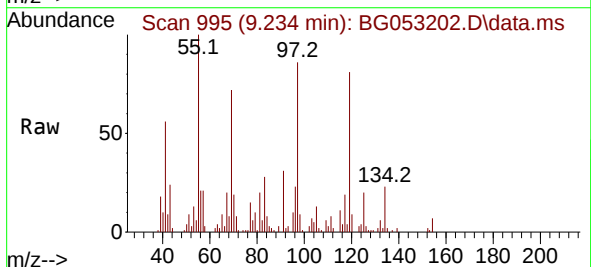
Instrument :  
BNA\_G  
ClientSampleId :  
WC-15-1-8

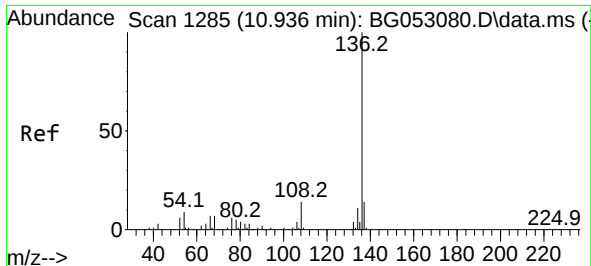
Tgt Ion: 99 Resp: 228702  
Ion Ratio Lower Upper  
99 100  
42 21.5 14.7 22.1  
71 43.8 29.2 43.8#



#18  
Hexachloroethane  
Concen: 7.819 ng  
RT: 9.234 min Scan# 995  
Delta R.T. 0.019 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

Tgt Ion: 117 Resp: 6816  
Ion Ratio Lower Upper  
117 100  
119 424.6 75.1 112.7#  
201 0.0 96.6 145.0#

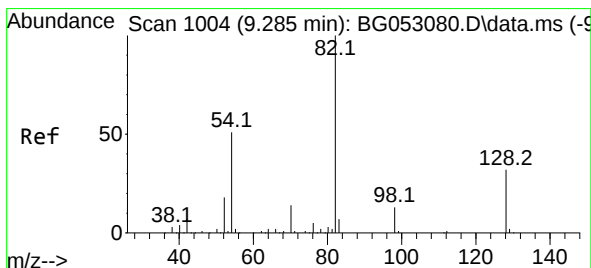
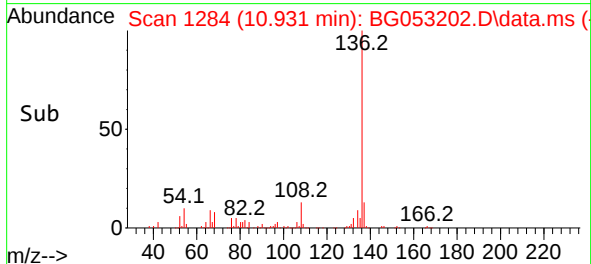
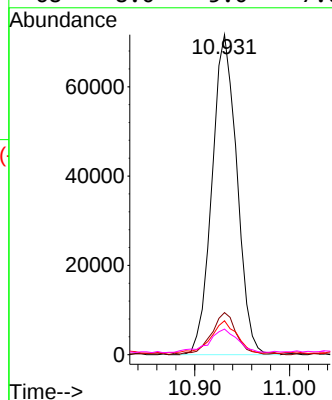
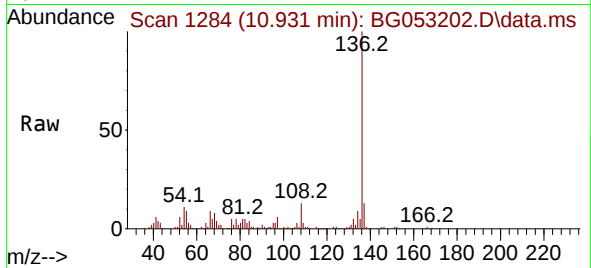




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.931 min Scan# 11  
Delta R.T. -0.005 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

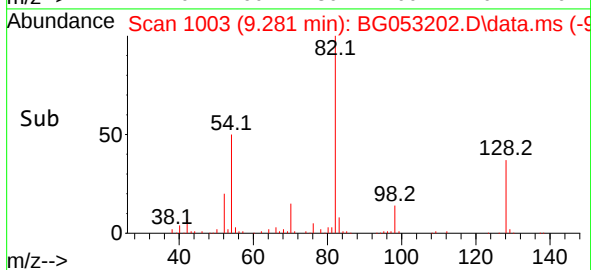
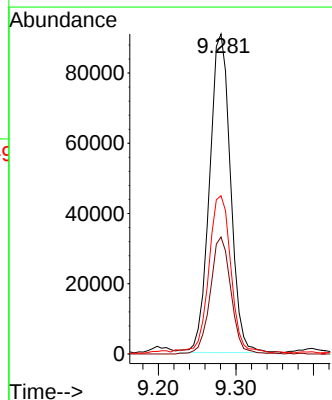
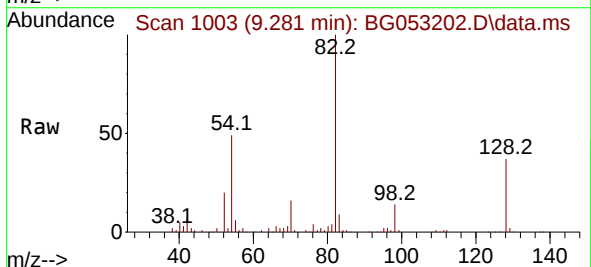
Instrument :  
BNA\_G  
ClientSampleId :  
WC-15-1-8

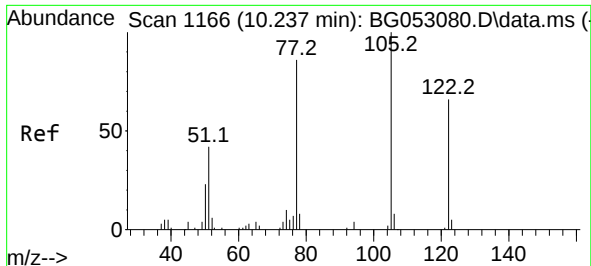
Tgt Ion:136 Resp: 130806  
Ion Ratio Lower Upper  
136 100  
137 13.2 9.4 14.2  
54 10.6 6.4 9.6#  
68 8.0 5.0 7.6#



#23  
Nitrobenzene-d5  
Concen: 52.894 ng  
RT: 9.281 min Scan# 1003  
Delta R.T. -0.004 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

Tgt Ion: 82 Resp: 170402  
Ion Ratio Lower Upper  
82 100  
128 36.5 31.3 46.9  
54 49.4 37.8 56.8





#32

Benzoic acid

Concen: 3.670 ng

RT: 10.309 min Scan# 1166

Delta R.T. 0.072 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

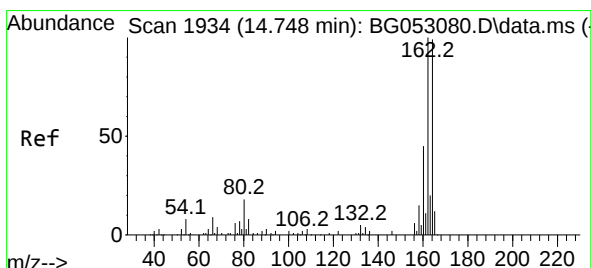
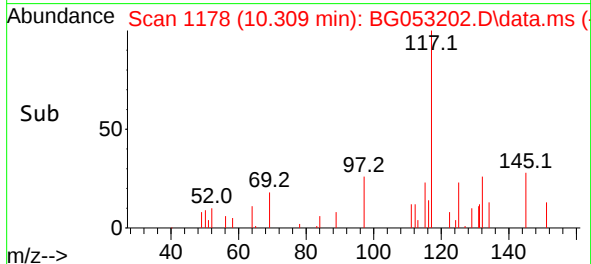
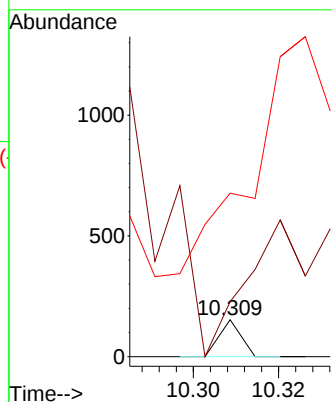
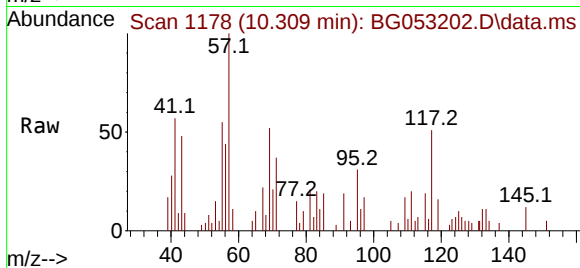
Instrument :

BNA\_G

ClientSampleId :

WC-15-1-8

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 122   | Resp: | 54     |
| Ion Ratio | Lower | Upper |        |
| 122       | 100   |       |        |
| 105       | 149.0 | 112.8 | 152.8  |
| 77        | 442.5 | 78.4  | 118.4# |



#39

Acenaphthene-d10

Concen: 20.000 ng

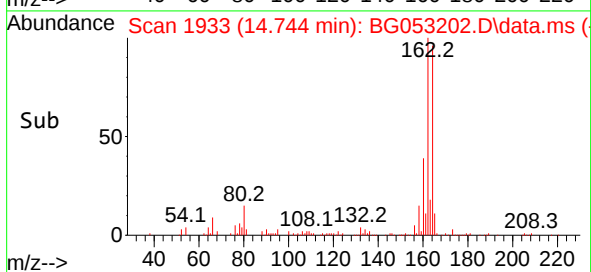
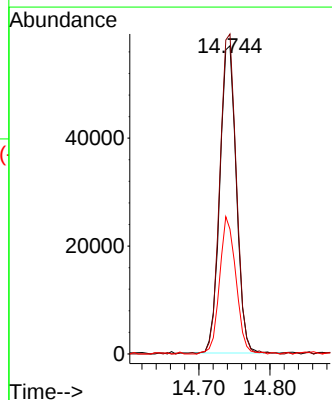
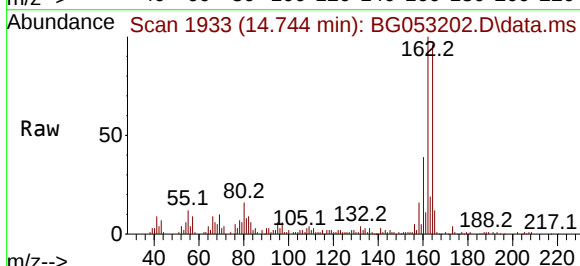
RT: 14.744 min Scan# 1933

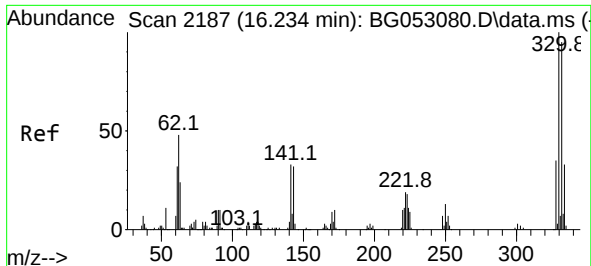
Delta R.T. -0.004 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 164   | Resp: | 91671 |
| Ion Ratio | Lower | Upper |       |
| 164       | 100   |       |       |
| 162       | 103.8 | 80.0  | 120.0 |
| 160       | 40.5  | 38.8  | 58.2  |





#42

2,4,6-Tribromophenol

Concen: 73.834 ng

RT: 16.230 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

Instrument :

BNA\_G

ClientSampleId :

WC-15-1-8

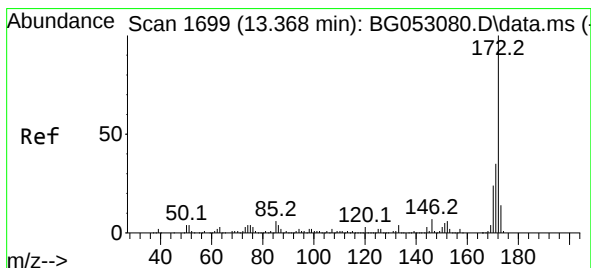
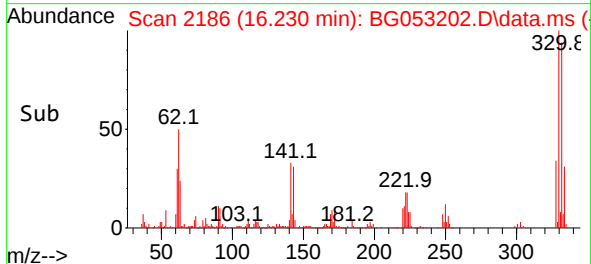
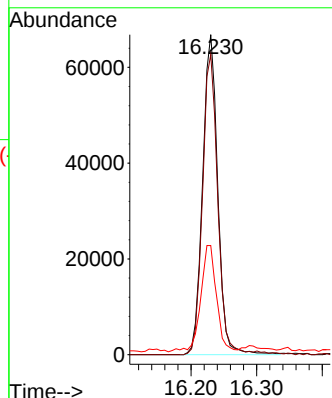
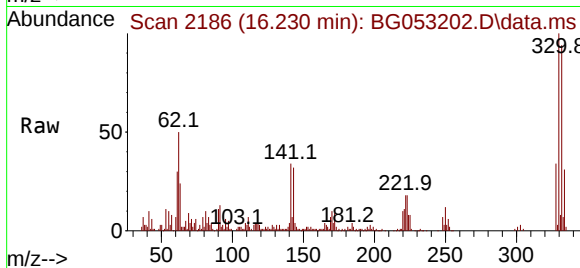
Tgt Ion:330 Resp: 107683

Ion Ratio Lower Upper

330 100

332 93.7 75.8 113.6

141 34.6 24.6 36.8



#45

2-Fluorobiphenyl

Concen: 58.441 ng

RT: 13.363 min Scan# 1698

Delta R.T. -0.004 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

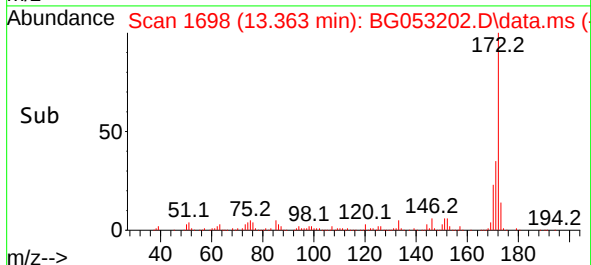
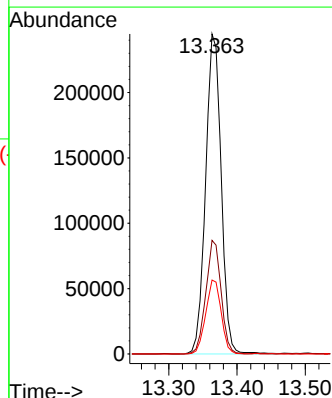
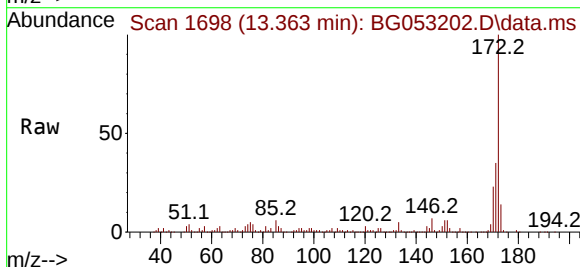
Tgt Ion:172 Resp: 388519

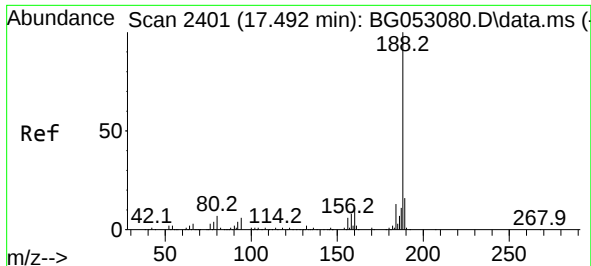
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.1 18.0 27.0

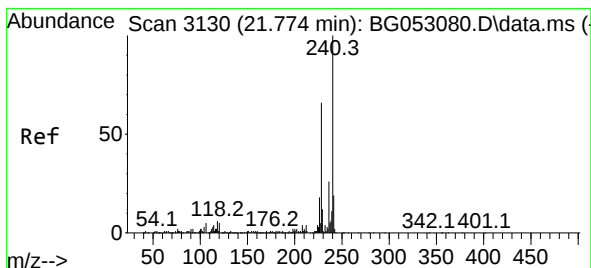
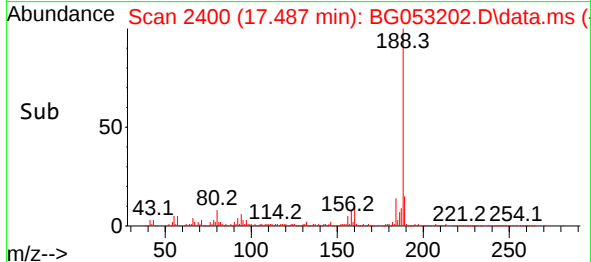
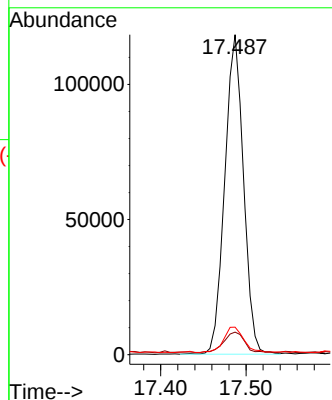
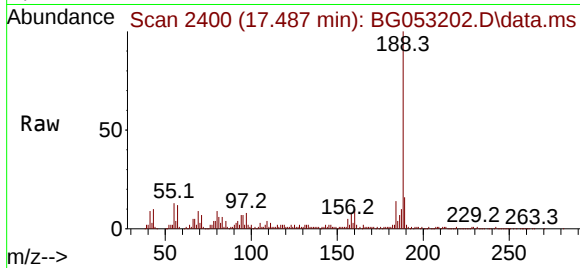




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.487 min Scan# 2401  
Delta R.T. -0.004 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

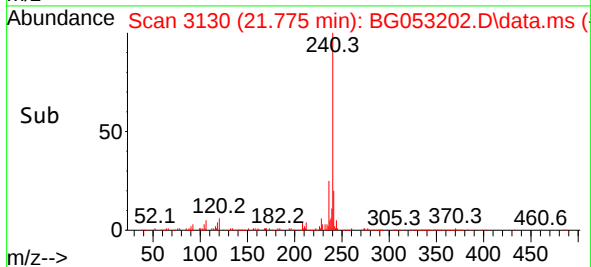
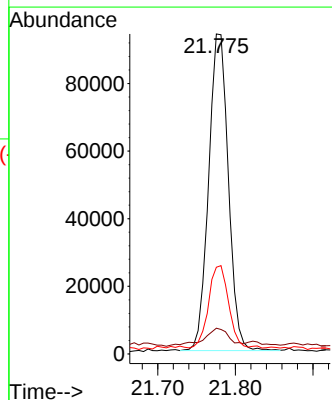
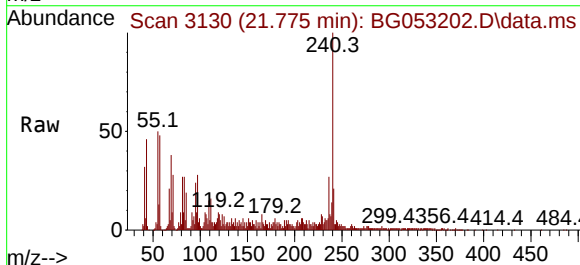
Instrument :  
BNA\_G  
ClientSampleId :  
WC-15-1-8

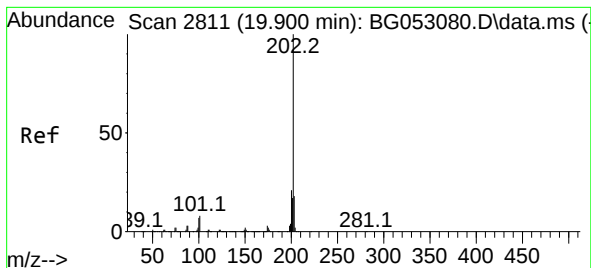
Tgt Ion:188 Resp: 180963  
Ion Ratio Lower Upper  
188 100  
94 7.0 5.7 8.5  
80 8.6 7.2 10.8



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.775 min Scan# 3130  
Delta R.T. 0.001 min  
Lab File: BG053202.D  
Acq: 19 Apr 2022 19:15

Tgt Ion:240 Resp: 165478  
Ion Ratio Lower Upper  
240 100  
120 8.0 5.4 8.0  
236 27.1 19.8 29.6





#78

Pyrene

Concen: 2.564 ng

RT: 19.901 min Scan# 2811

Delta R.T. 0.001 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

Instrument :

BNA\_G

ClientSampleId :

WC-15-1-8

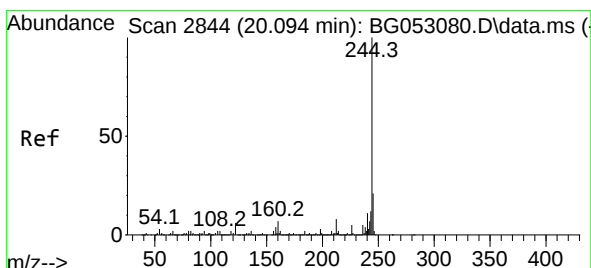
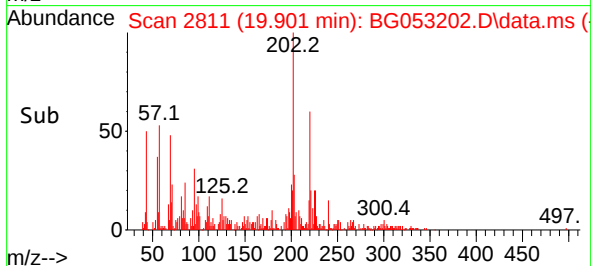
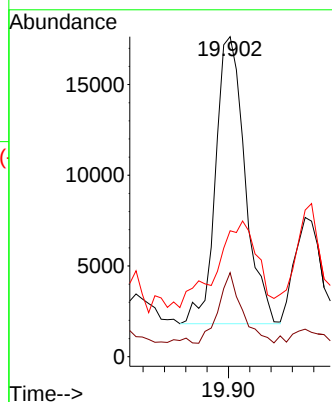
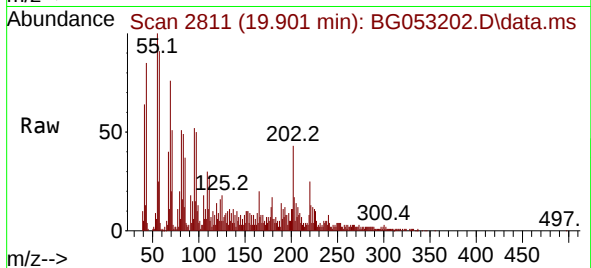
Tgt Ion:202 Resp: 30222

Ion Ratio Lower Upper

202 100

200 26.3 17.0 25.6#

203 39.3 15.0 22.6#



#79

Terphenyl-d14

Concen: 55.059 ng

RT: 20.095 min Scan# 2844

Delta R.T. 0.001 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

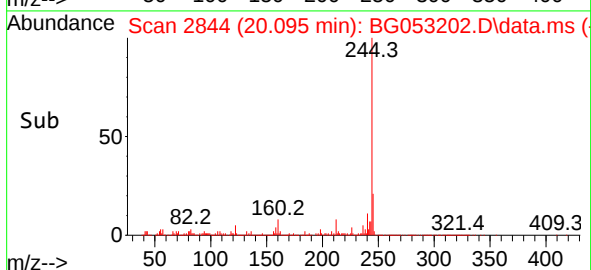
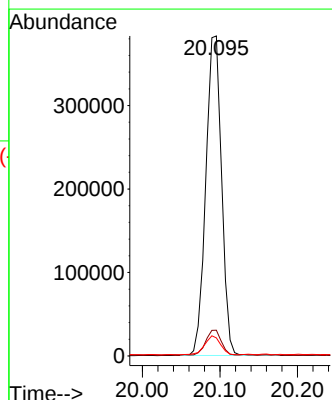
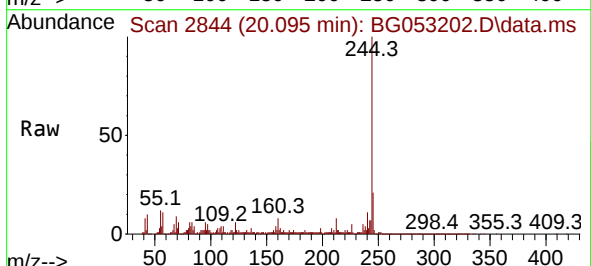
Tgt Ion:244 Resp: 539470

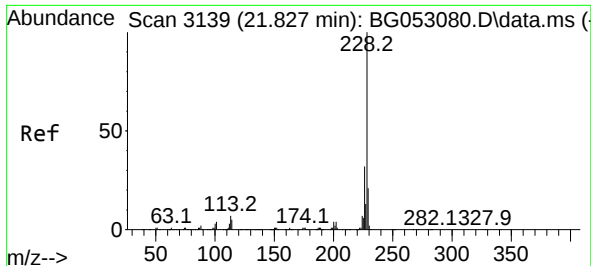
Ion Ratio Lower Upper

244 100

212 8.0 5.4 8.2

122 5.7 5.8 8.6#





#83

Chrysene

Concen: 4.364 ng

RT: 21.822 min Scan# 3139

Delta R.T. -0.004 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

Instrument :

BNA\_G

ClientSampleId :

WC-15-1-8

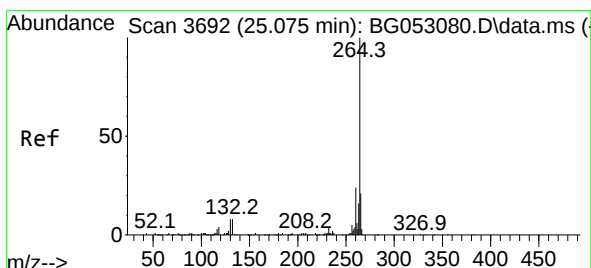
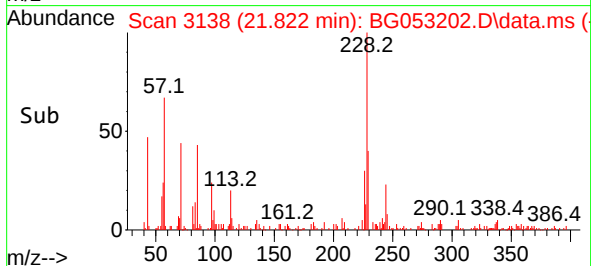
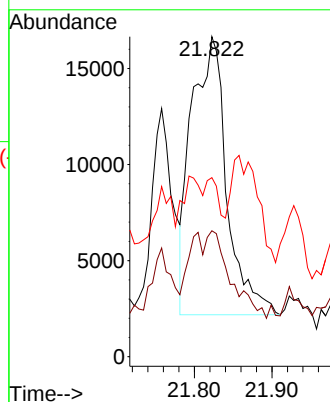
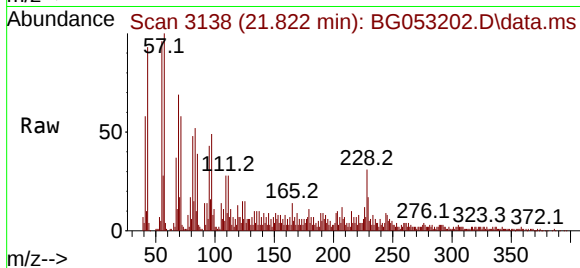
Tgt Ion:228 Resp: 45819

Ion Ratio Lower Upper

228 100

226 39.4 24.2 36.4#

229 56.0 16.3 24.5#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.100 min Scan# 3696

Delta R.T. 0.025 min

Lab File: BG053202.D

Acq: 19 Apr 2022 19:15

Tgt Ion:264 Resp: 179976

Ion Ratio Lower Upper

264 100

260 23.8 18.2 27.2

265 24.3 15.1 22.7#

