

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040522\  
 Data File : BG053038.D  
 Acq On : 5 Apr 2022 19:12  
 Operator : CG/JU  
 Sample : N2246-10  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-8-9-2-2

Quant Time: Apr 06 04:15:18 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 05 14:24:42 2022  
 Response via : Initial Calibration

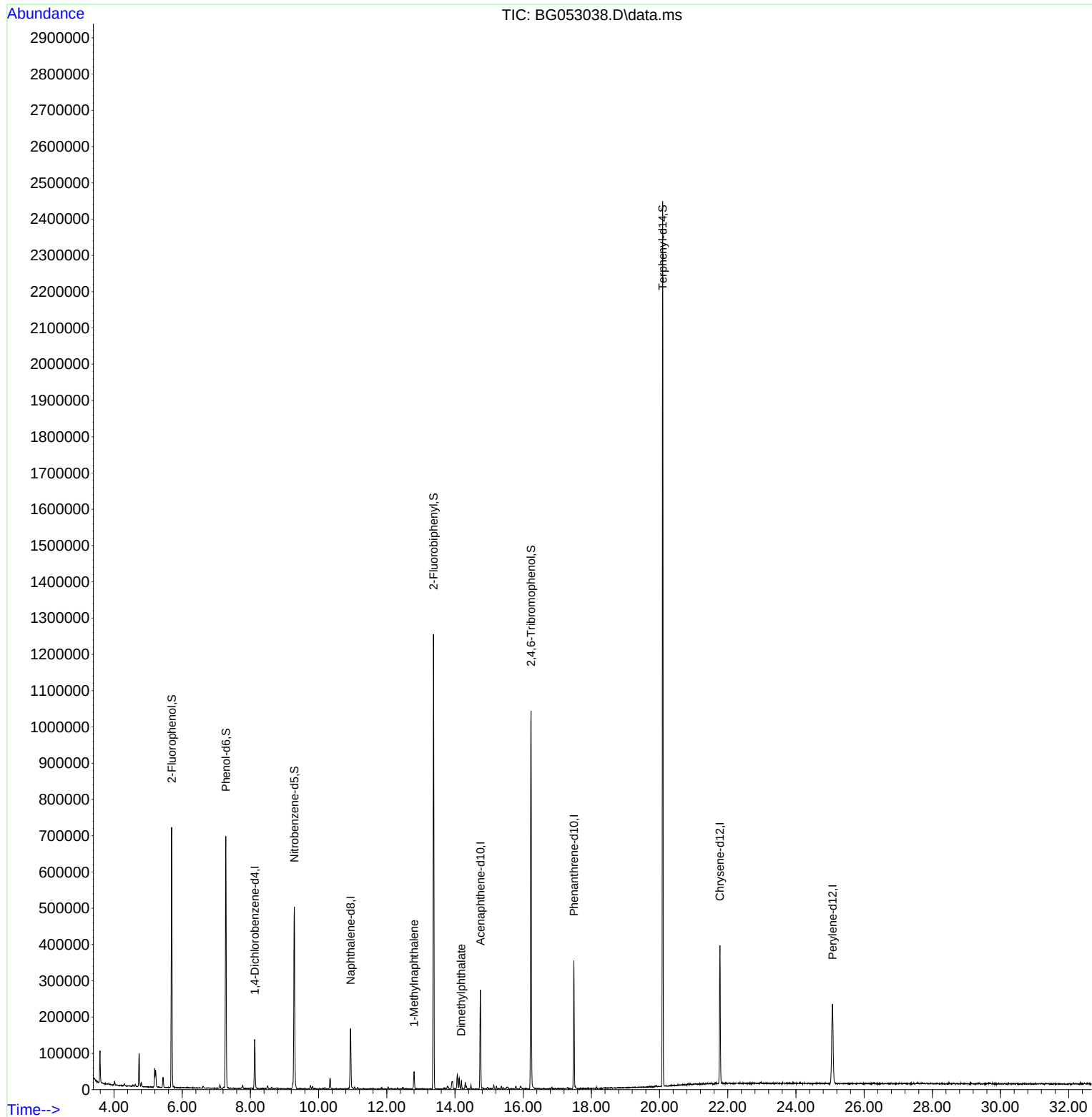
| Compound                    | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-----------------------------|--------|------|----------|---------|-------|----------|
| -----                       |        |      |          |         |       |          |
| Internal Standards          |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4   | 8.125  | 152  | 36050    | 20.000  | ng    | -0.02    |
| 21) Naphthalene-d8          | 10.939 | 136  | 137798   | 20.000  | ng    | -0.02    |
| 39) Acenaphthene-d10        | 14.746 | 164  | 95664    | 20.000  | ng    | -0.02    |
| 64) Phenanthrene-d10        | 17.489 | 188  | 224410   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12            | 21.772 | 240  | 249780   | 20.000  | ng    | -0.03    |
| 86) Perylene-d12            | 25.073 | 264  | 255421   | 20.000  | ng    | #-0.04   |
| System Monitoring Compounds |        |      |          |         |       |          |
| 5) 2-Fluorophenol           | 5.693  | 112  | 283297   | 136.856 | ng    | 0.00     |
| 7) Phenol-d6                | 7.280  | 99   | 369859   | 118.514 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.289  | 82   | 320830   | 116.856 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 16.232 | 330  | 207158   | 161.154 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl        | 13.371 | 172  | 648239   | 99.939  | ng    | -0.02    |
| 79) Terphenyl-d14           | 20.092 | 244  | 1230029  | 87.598  | ng    | -0.02    |
| Target Compounds            |        |      |          |         |       |          |
| 38) 1-Methylnaphthalene     | 12.801 | 142  | 20865    | 4.097   | ng    | # 81     |
| 50) Dimethylphthalate       | 14.188 | 163  | 14331    | 2.016   | ng    | 96       |
| -----                       |        |      |          |         |       |          |

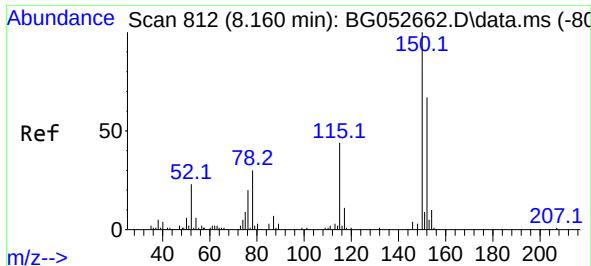
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040522\  
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WC-8-9-2-2

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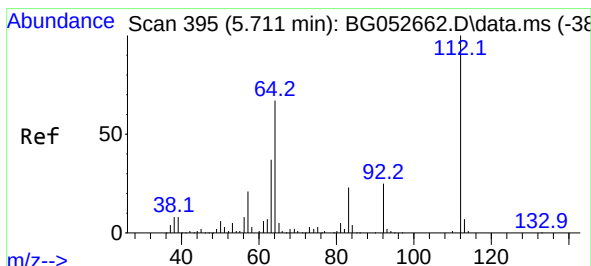
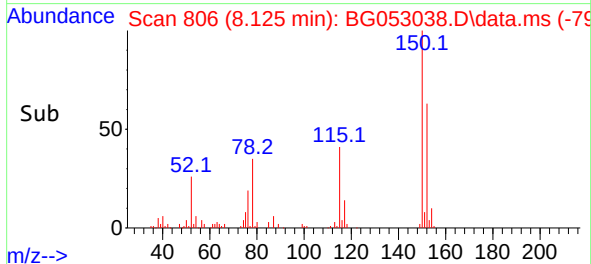
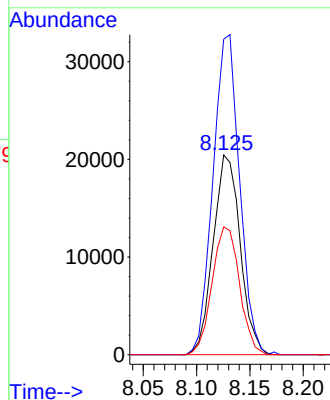
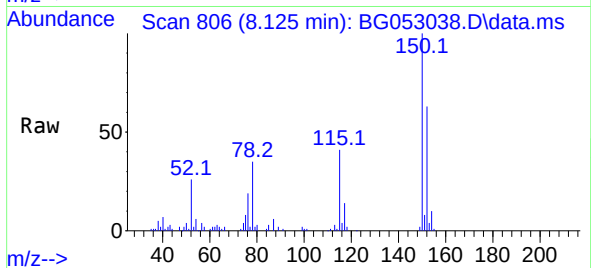




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.125 min Scan# 80  
Delta R.T. -0.021 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

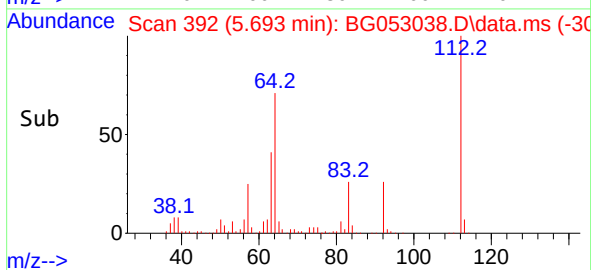
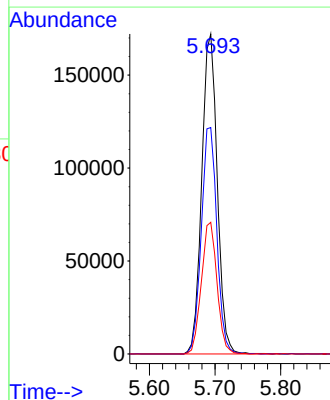
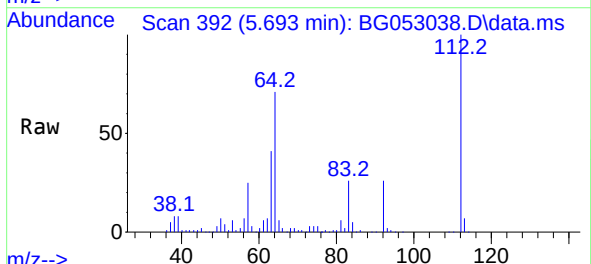
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8-9-2-2

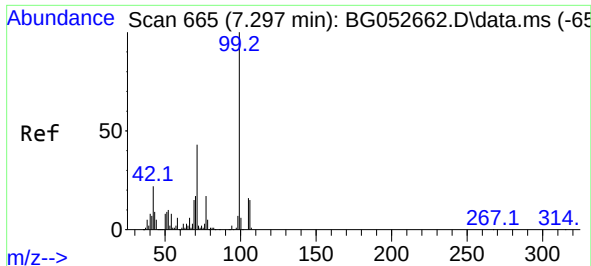
Tgt Ion:152 Resp: 36050  
Ion Ratio Lower Upper  
152 100  
150 158.1 114.6 172.0  
115 64.0 45.9 68.9



#5  
2-Fluorophenol  
Concen: 136.856 ng  
RT: 5.693 min Scan# 392  
Delta R.T. -0.003 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

Tgt Ion:112 Resp: 283297  
Ion Ratio Lower Upper  
112 100  
64 70.8 48.0 72.0  
63 41.1 26.5 39.7#

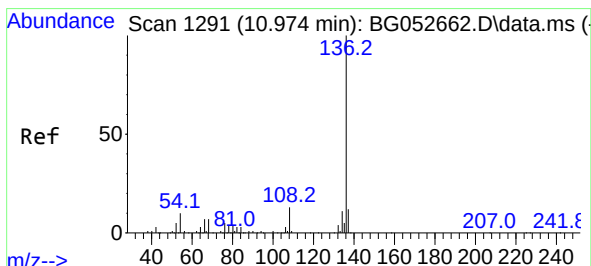
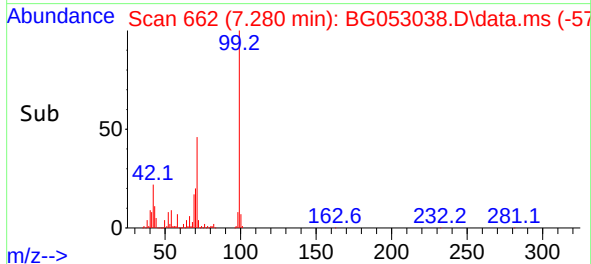
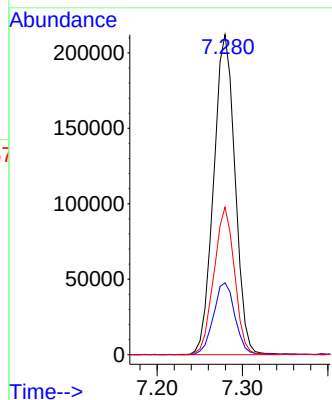
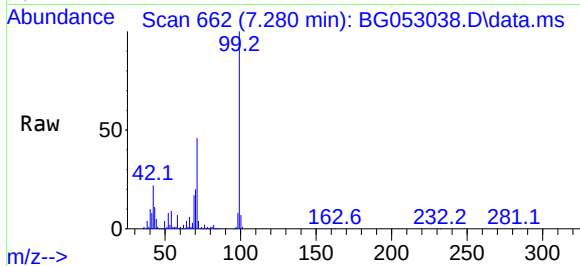




#7  
Phenol-d6  
Concen: 118.514 ng  
RT: 7.280 min Scan# 60  
Delta R.T. -0.009 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

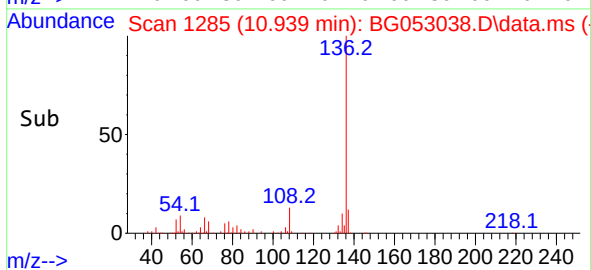
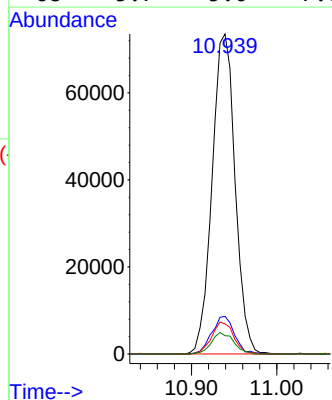
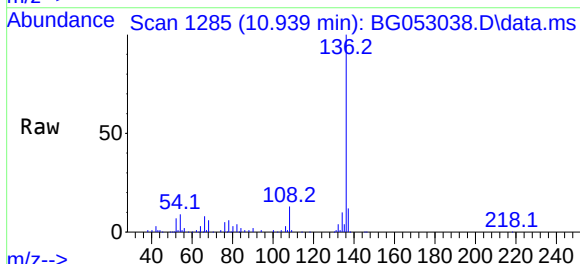
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8-9-2-2

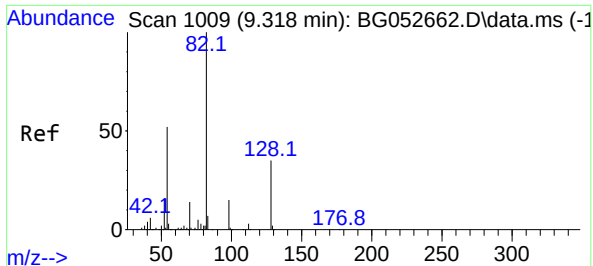
Tgt Ion: 99 Resp: 369859  
Ion Ratio Lower Upper  
99 100  
42 22.4 14.7 22.1#  
71 46.1 29.2 43.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.939 min Scan# 1285  
Delta R.T. -0.021 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

Tgt Ion: 136 Resp: 137798  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.4 14.2  
54 9.4 6.4 9.6  
68 5.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 116.856 ng

RT: 9.289 min Scan# 1004

Delta R.T. -0.015 min

Lab File: BG053038.D

Acq: 5 Apr 2022 19:12

Instrument :

BNA\_G

ClientSampleId :

WC-8-9-2-2

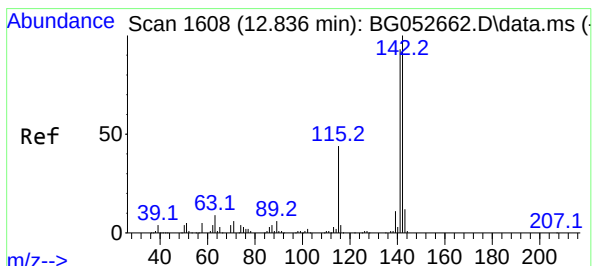
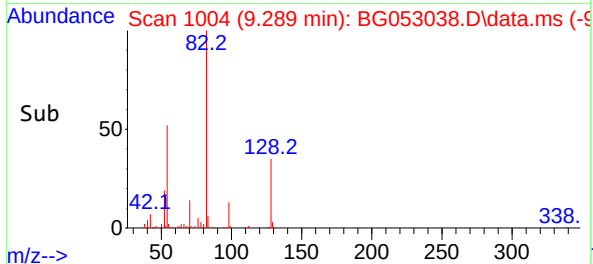
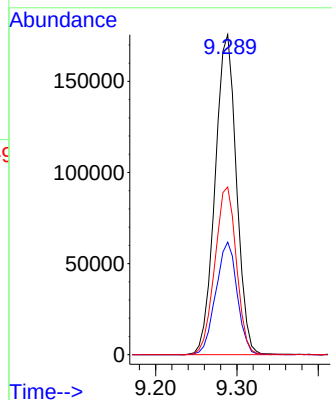
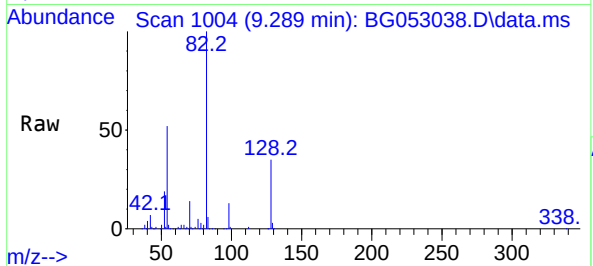
Tgt Ion: 82 Resp: 320830

Ion Ratio Lower Upper

82 100

128 35.2 31.3 46.9

54 52.4 37.8 56.8



#38

1-Methylnaphthalene

Concen: 4.097 ng

RT: 12.801 min Scan# 1602

Delta R.T. -0.021 min

Lab File: BG053038.D

Acq: 5 Apr 2022 19:12

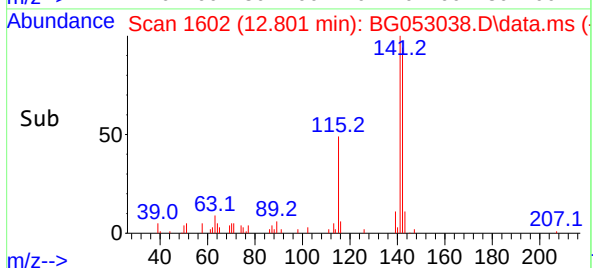
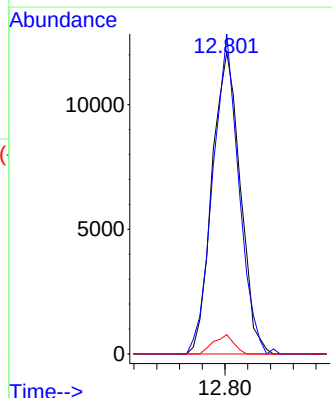
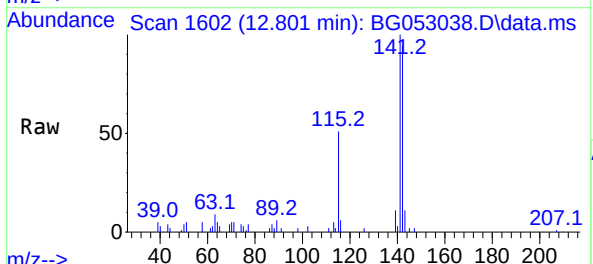
Tgt Ion:142 Resp: 20865

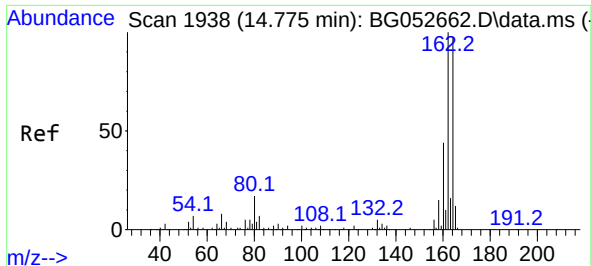
Ion Ratio Lower Upper

142 100

141 106.1 70.5 105.7#

116 6.4 3.1 4.7#

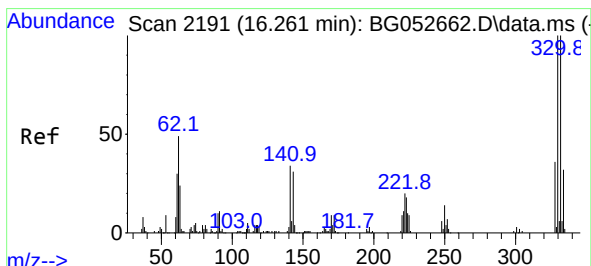
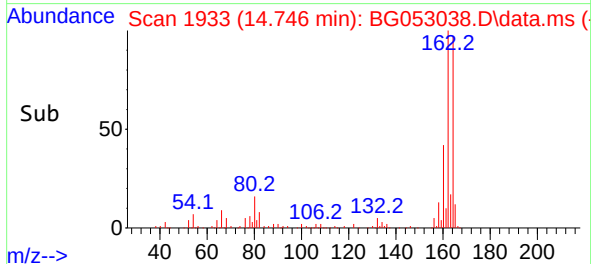
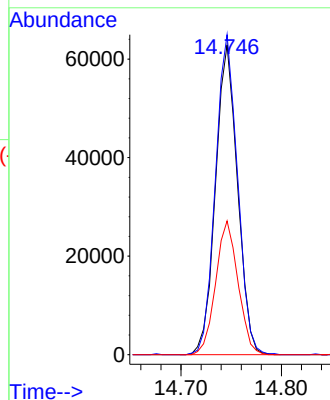
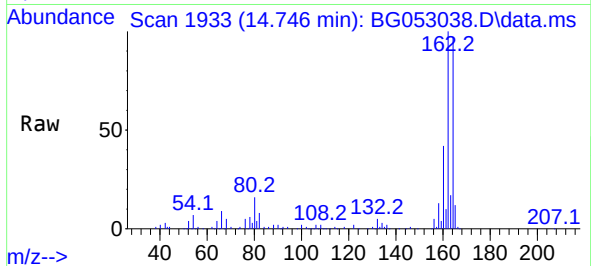




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.746 min Scan# 1938  
Delta R.T. -0.021 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

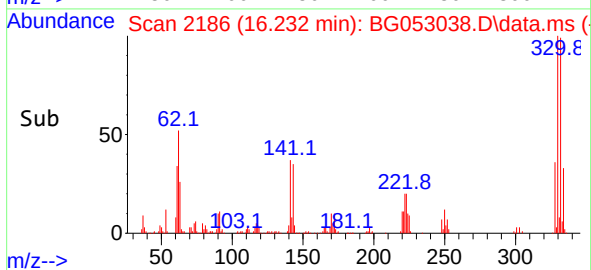
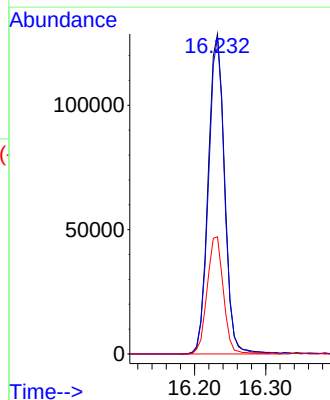
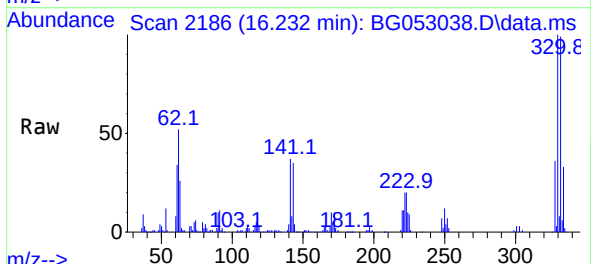
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8-9-2-2

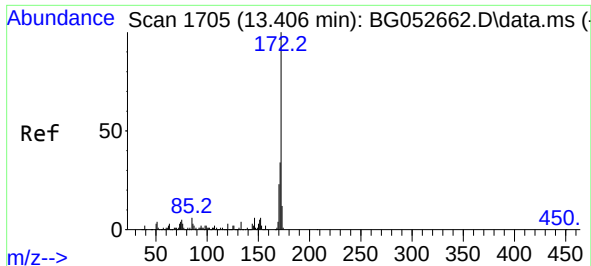
|             |       |       |       |
|-------------|-------|-------|-------|
| Tgt Ion:164 | Resp: | 95664 |       |
| Ion         | Ratio | Lower | Upper |
| 164         | 100   |       |       |
| 162         | 103.4 | 80.0  | 120.0 |
| 160         | 43.2  | 38.8  | 58.2  |



#42  
2,4,6-Tribromophenol  
Concen: 161.154 ng  
RT: 16.232 min Scan# 2186  
Delta R.T. -0.015 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

|             |       |        |       |
|-------------|-------|--------|-------|
| Tgt Ion:330 | Resp: | 207158 |       |
| Ion         | Ratio | Lower  | Upper |
| 330         | 100   |        |       |
| 332         | 96.7  | 75.8   | 113.6 |
| 141         | 36.4  | 24.6   | 36.8  |

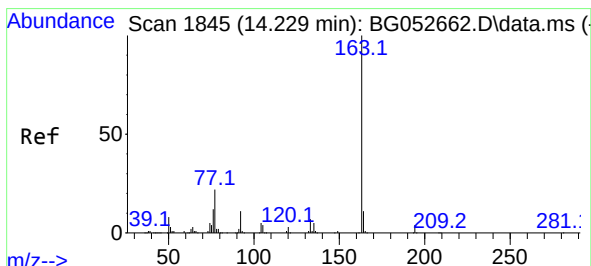
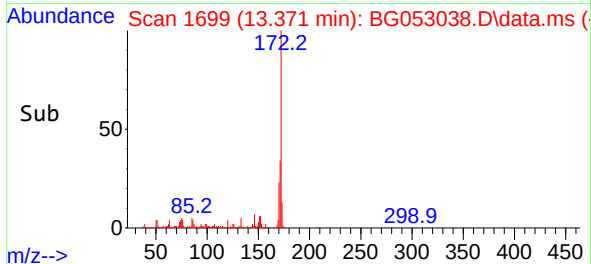
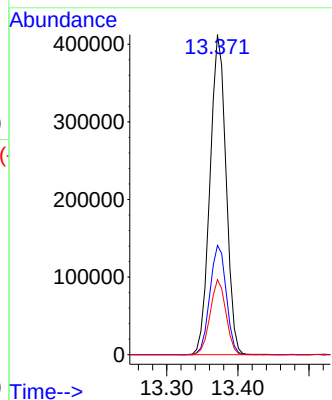
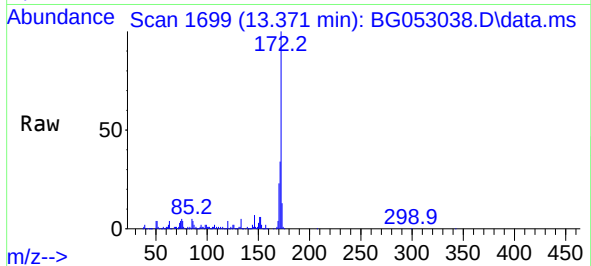




#45  
2-Fluorobiphenyl  
Concen: 99.939 ng  
RT: 13.371 min Scan# 1  
Delta R.T. -0.021 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

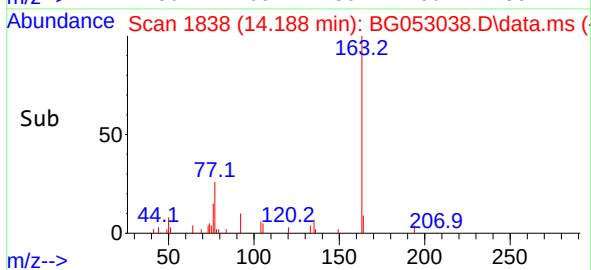
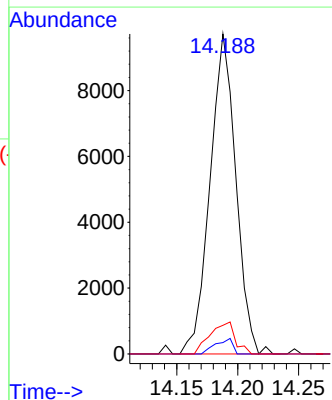
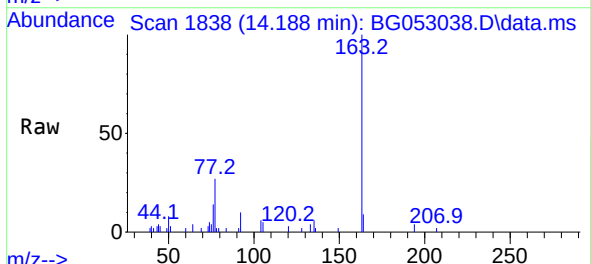
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8-9-2-2

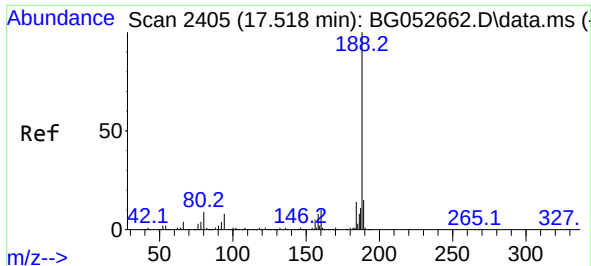
Tgt Ion:172 Resp: 648239  
Ion Ratio Lower Upper  
172 100  
171 34.2 28.3 42.5  
170 23.4 18.0 27.0



#50  
Dimethylphthalate  
Concen: 2.016 ng  
RT: 14.188 min Scan# 1838  
Delta R.T. -0.027 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

Tgt Ion:163 Resp: 14331  
Ion Ratio Lower Upper  
163 100  
194 3.6 3.3 4.9  
164 9.0 8.5 12.7

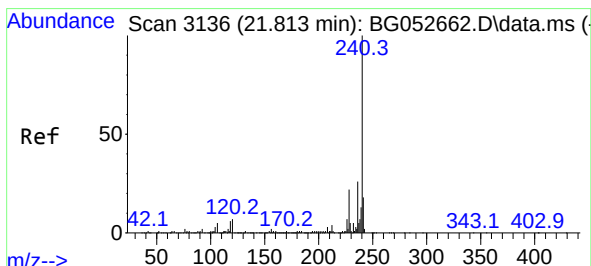
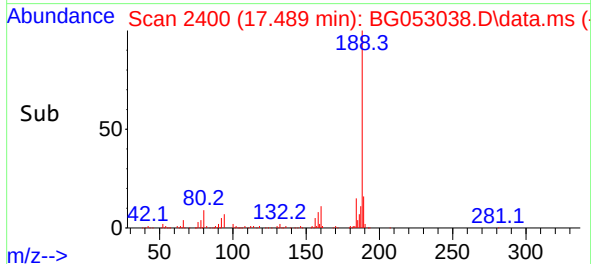
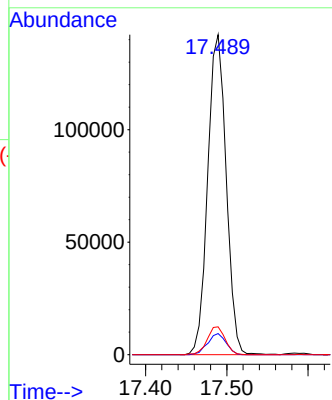
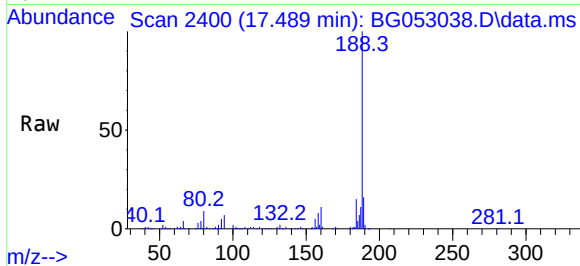




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.489 min Scan# 2405  
Delta R.T. -0.015 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

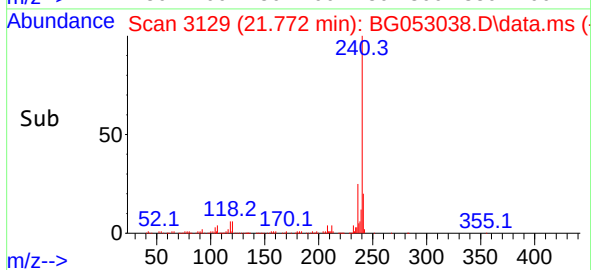
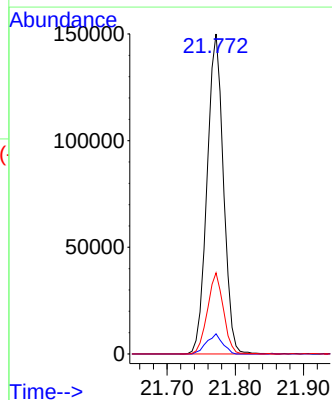
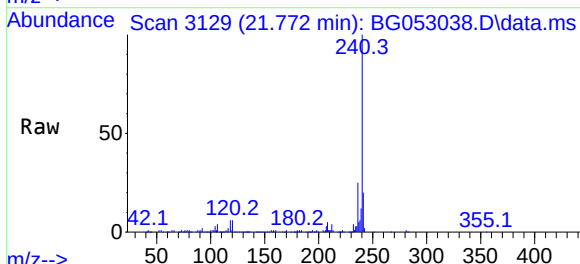
Instrument :  
BNA\_G  
ClientSampleId :  
WC-8-9-2-2

Tgt Ion:188 Resp: 224410  
Ion Ratio Lower Upper  
188 100  
94 6.6 5.7 8.5  
80 8.7 7.2 10.8

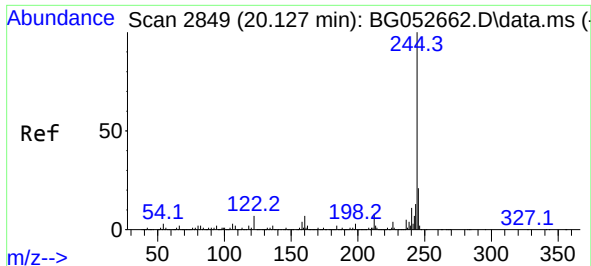


#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.772 min Scan# 3129  
Delta R.T. -0.027 min  
Lab File: BG053038.D  
Acq: 5 Apr 2022 19:12

Tgt Ion:240 Resp: 249780  
Ion Ratio Lower Upper  
240 100  
120 6.3 5.4 8.0  
236 25.4 19.8 29.6



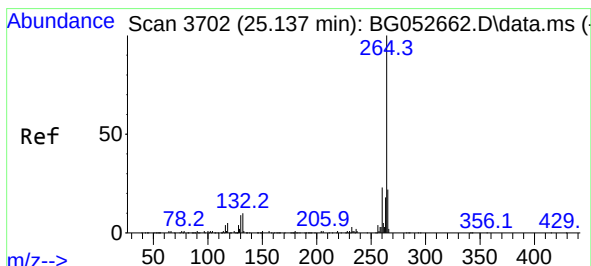
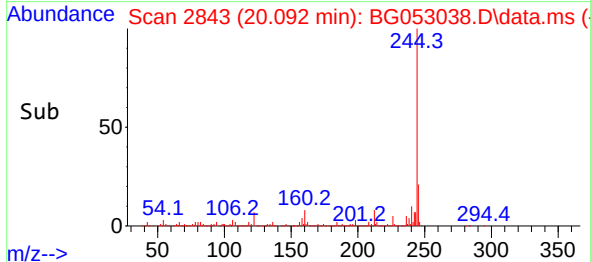
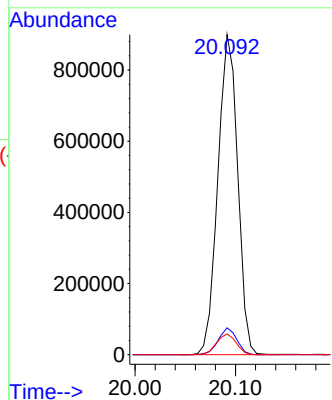
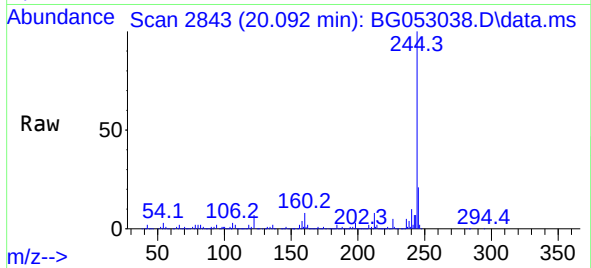




#79  
 Terphenyl-d14  
 Concen: 87.598 ng  
 RT: 20.092 min Scan# 21  
 Delta R.T. -0.021 min  
 Lab File: BG053038.D  
 Acq: 5 Apr 2022 19:12

Instrument :  
 BNA\_G  
 ClientSampleId :  
 WC-8-9-2-2

Tgt Ion:244 Resp: 1230029  
 Ion Ratio Lower Upper  
 244 100  
 212 8.4 5.4 8.2#  
 122 6.5 5.8 8.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.073 min Scan# 3691  
 Delta R.T. -0.038 min  
 Lab File: BG053038.D  
 Acq: 5 Apr 2022 19:12

Tgt Ion:264 Resp: 255421  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 18.2 27.2  
 265 23.0 15.1 22.7#

