

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG042122\  
 Data File : BG053237.D  
 Acq On : 21 Apr 2022 12:09  
 Operator : CG/JU  
 Sample : PB144251BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144251BL

Quant Time: Apr 22 02:56:03 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

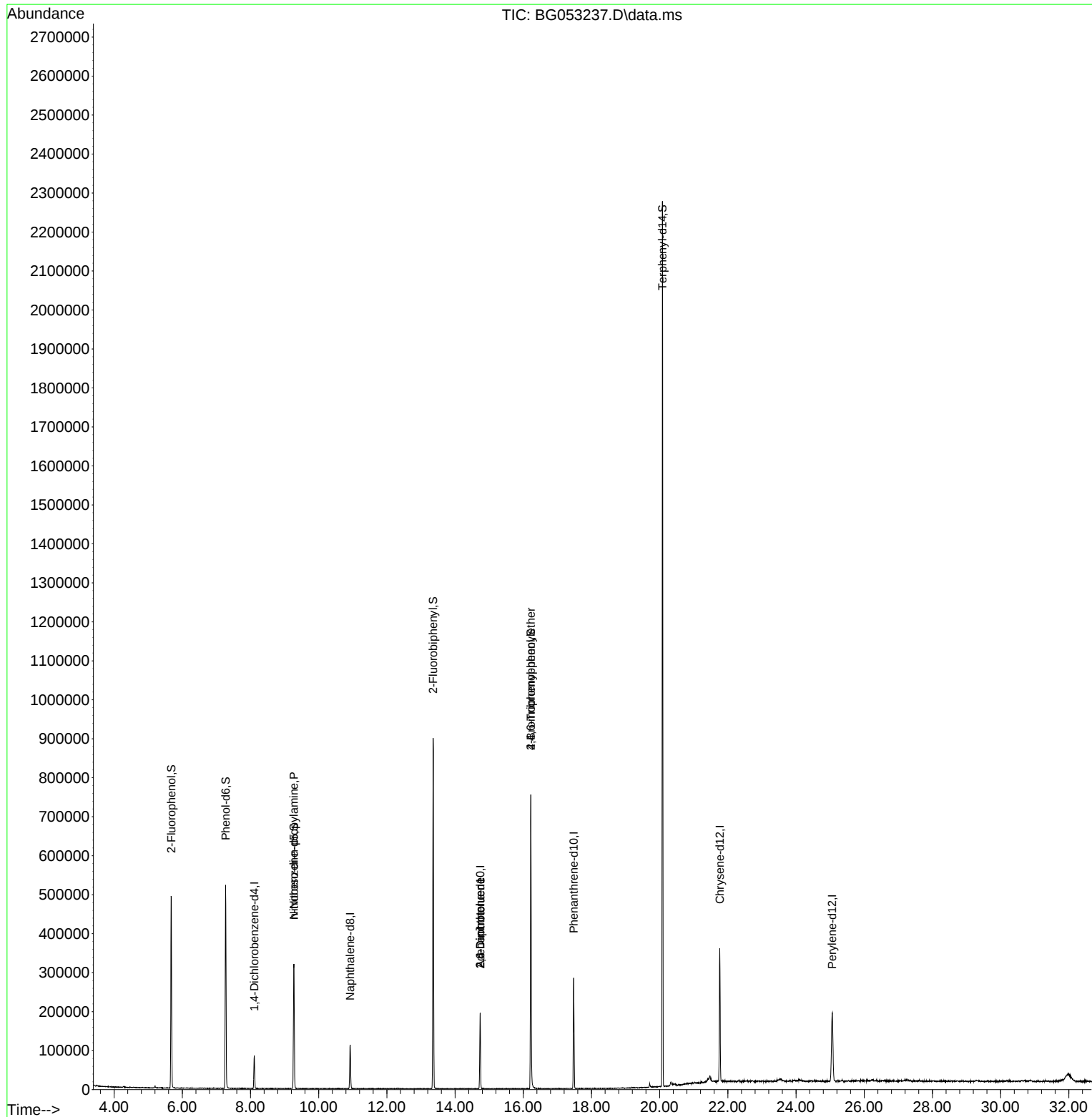
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.110  | 152  | 24414    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 10.924 | 136  | 93523    | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.737 | 164  | 73496    | 20.000  | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.480 | 188  | 189127   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 21.762 | 240  | 218783   | 20.000  | ng    | -0.01    |
| 86) Perylene-d12              | 25.058 | 264  | 211304   | 20.000  | ng    | -0.02    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.678  | 112  | 208498   | 146.393 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.270  | 99   | 298875   | 136.080 | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.273  | 82   | 207230   | 89.970  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.223 | 330  | 157659   | 134.833 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 13.356 | 172  | 480525   | 90.154  | ng    | -0.01    |
| 79) Terphenyl-d14             | 20.082 | 244  | 1136015  | 87.695  | ng    | -0.01    |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.273  | 70   | 29354    | 18.256  | ng    | # 76     |
| 51) 2,6-Dinitrotoluene        | 14.737 | 165  | 9575     | 7.808   | ng    | # 24     |
| 57) 2,4-Dinitrotoluene        | 14.737 | 165  | 9575     | 5.484   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 16.223 | 248  | 10478    | 4.324   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

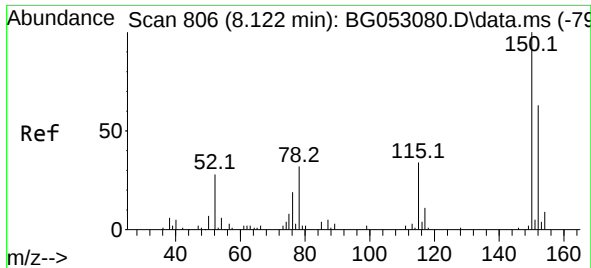
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 08 15:31:24 2022  
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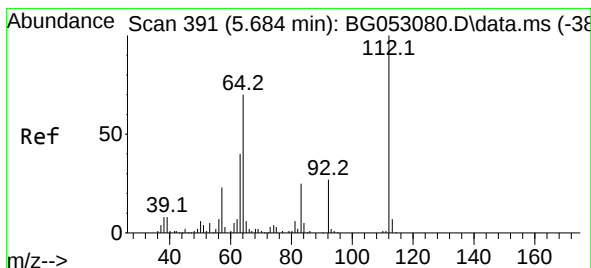
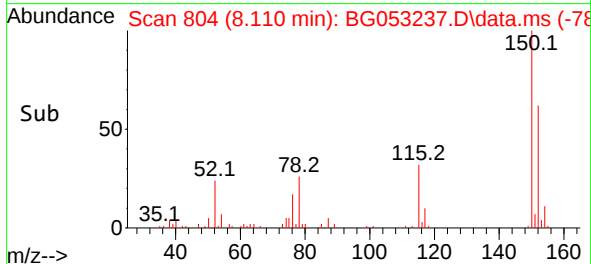
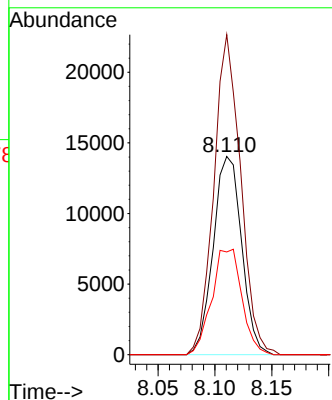
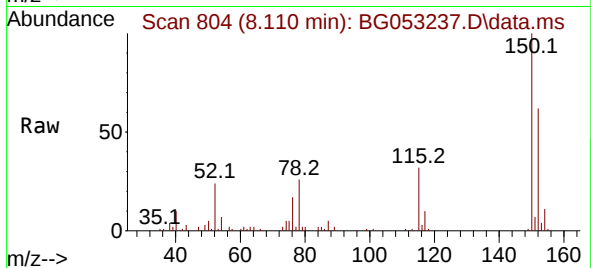




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.110 min Scan# 806  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

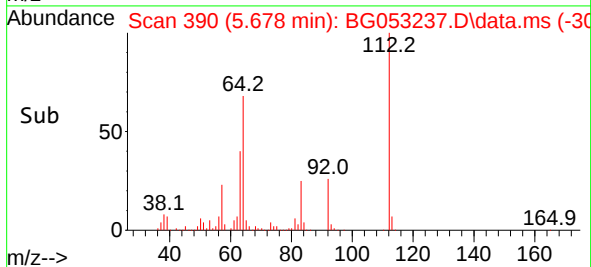
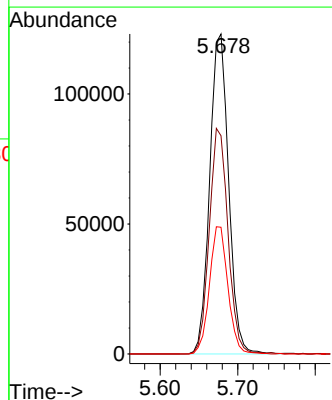
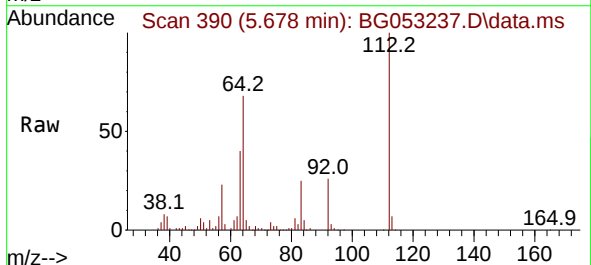
Instrument :  
BNA\_G  
ClientSampleId :  
PB144251BL

Tgt Ion:152 Resp: 24414  
Ion Ratio Lower Upper  
152 100  
150 161.4 114.6 172.0  
115 51.8 45.9 68.9



#5  
2-Fluorophenol  
Concen: 146.393 ng  
RT: 5.678 min Scan# 390  
Delta R.T. -0.006 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

Tgt Ion:112 Resp: 208498  
Ion Ratio Lower Upper  
112 100  
64 68.2 48.0 72.0  
63 39.6 26.5 39.7

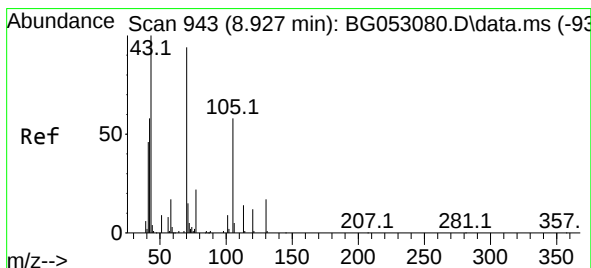
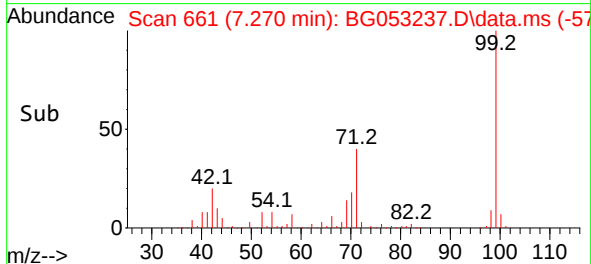
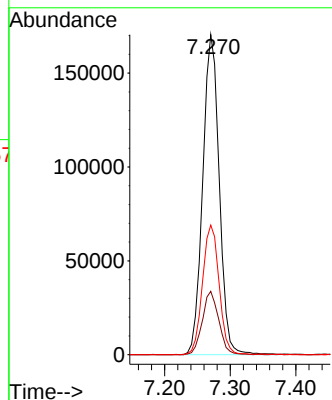
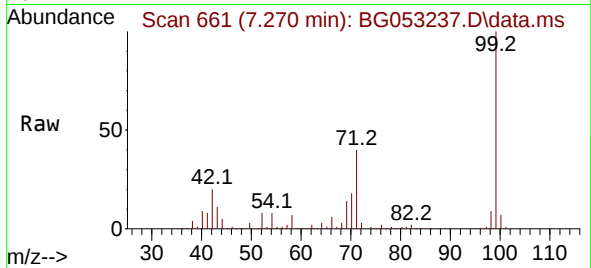




#7  
Phenol-d6  
Concen: 136.080 ng  
RT: 7.270 min Scan# 60  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

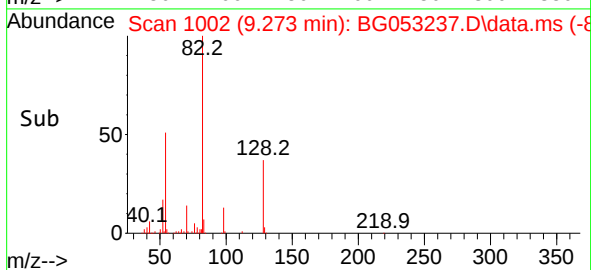
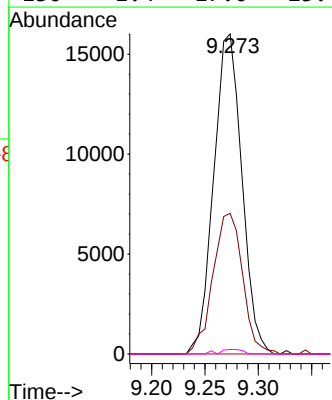
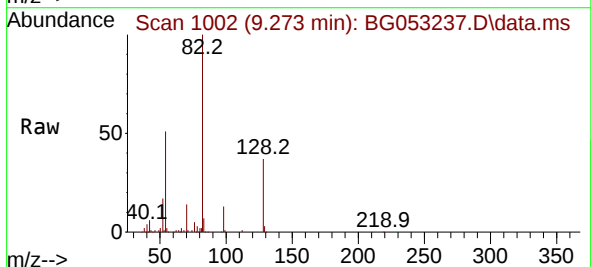
Instrument :  
BNA\_G  
ClientSampleId :  
PB144251BL

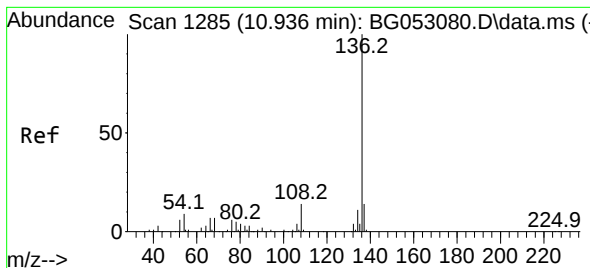
Tgt Ion: 99 Resp: 298875  
Ion Ratio Lower Upper  
99 100  
42 19.8 14.7 22.1  
71 40.5 29.2 43.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.256 ng  
RT: 9.273 min Scan# 1002  
Delta R.T. 0.347 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

Tgt Ion: 70 Resp: 29354  
Ion Ratio Lower Upper  
70 100  
42 43.9 46.0 69.0#  
101 0.0 6.2 9.4#  
130 1.4 17.0 25.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.924 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BG053237.D

Acq: 21 Apr 2022 12:09

Instrument :

BNA\_G

ClientSampleId :

PB144251BL

Tgt Ion:136 Resp: 93523

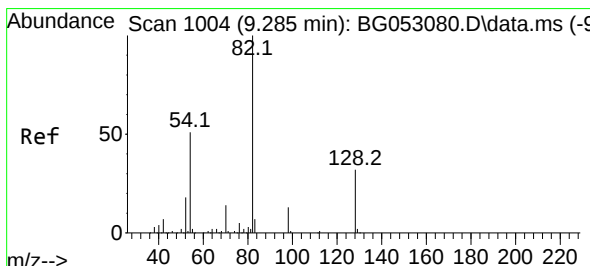
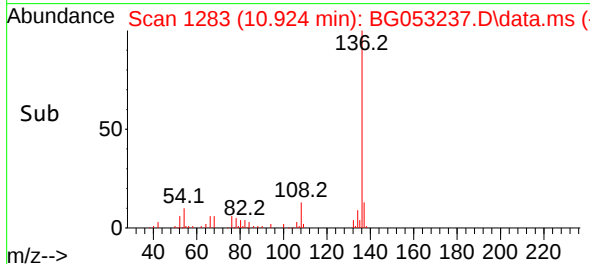
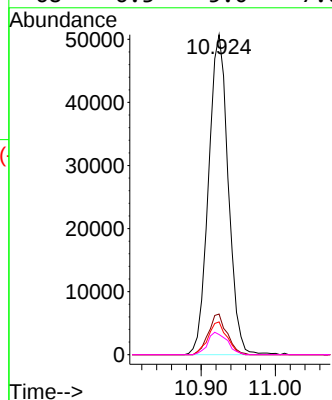
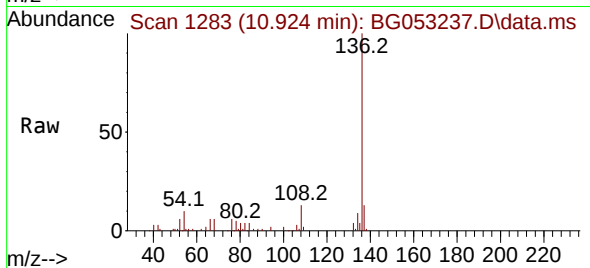
Ion Ratio Lower Upper

136 100

137 12.7 9.4 14.2

54 10.2 6.4 9.6#

68 6.3 5.0 7.6



#23

Nitrobenzene-d5

Concen: 89.970 ng

RT: 9.273 min Scan# 1002

Delta R.T. -0.012 min

Lab File: BG053237.D

Acq: 21 Apr 2022 12:09

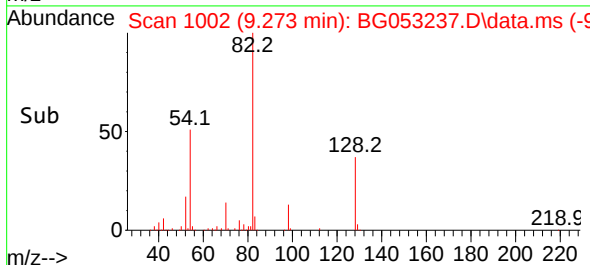
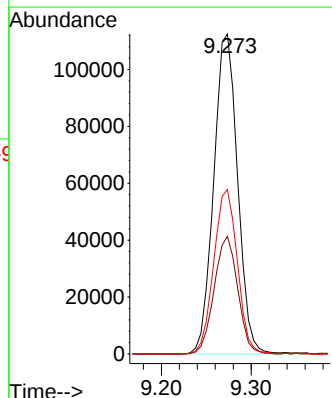
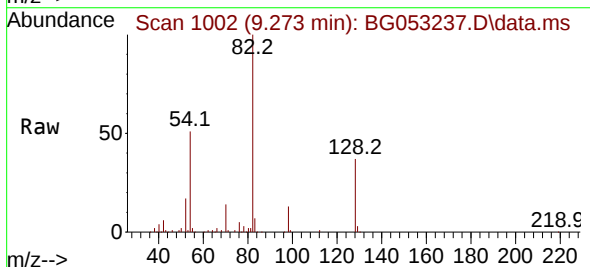
Tgt Ion: 82 Resp: 207230

Ion Ratio Lower Upper

82 100

128 36.8 31.3 46.9

54 51.4 37.8 56.8

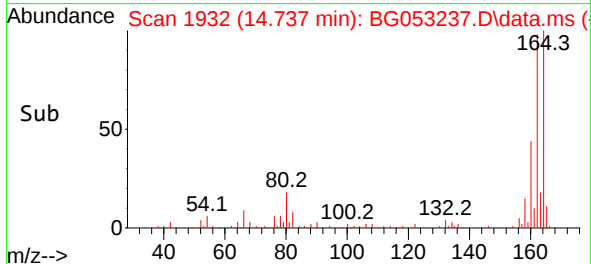
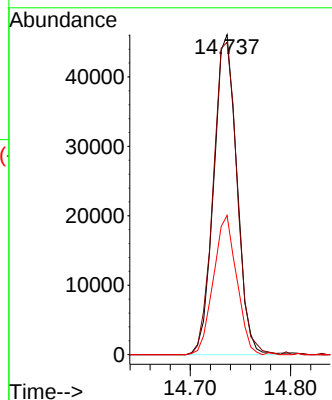
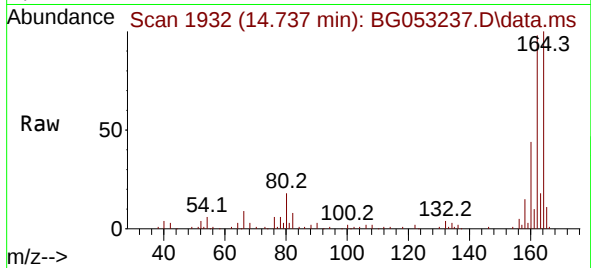




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.737 min Scan# 1932  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

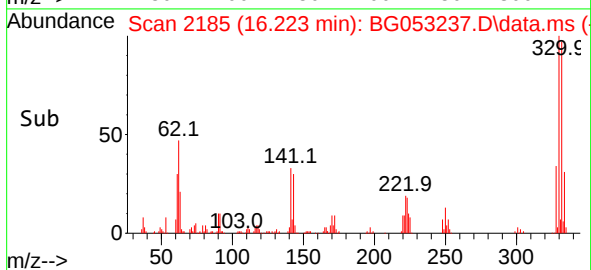
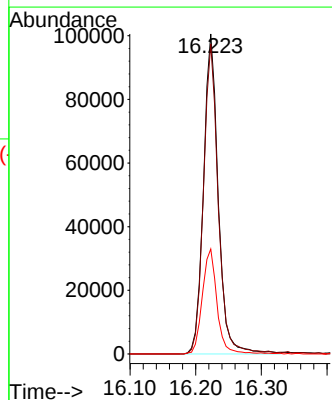
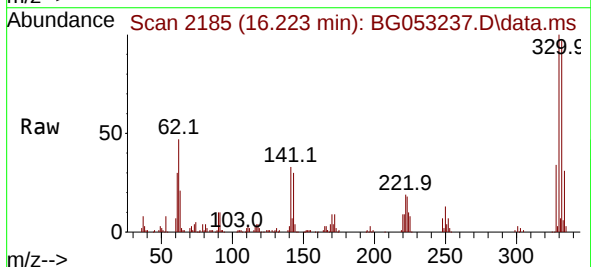
Instrument :  
BNA\_G  
ClientSampleId :  
PB144251BL

Tgt Ion:164 Resp: 73496  
Ion Ratio Lower Upper  
164 100  
162 97.6 80.0 120.0  
160 43.5 38.8 58.2



#42  
2,4,6-Tribromophenol  
Concen: 134.833 ng  
RT: 16.223 min Scan# 2185  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

Tgt Ion:330 Resp: 157659  
Ion Ratio Lower Upper  
330 100  
332 96.6 75.8 113.6  
141 32.7 24.6 36.8

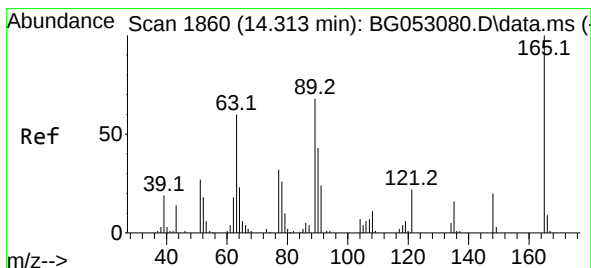
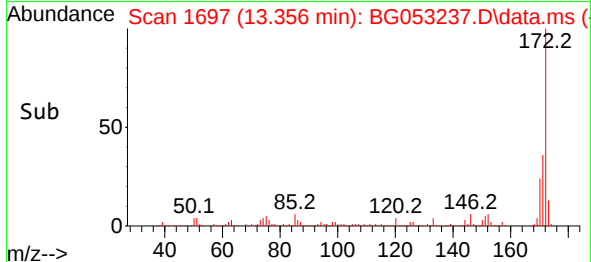
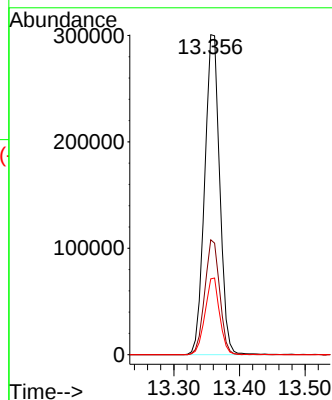
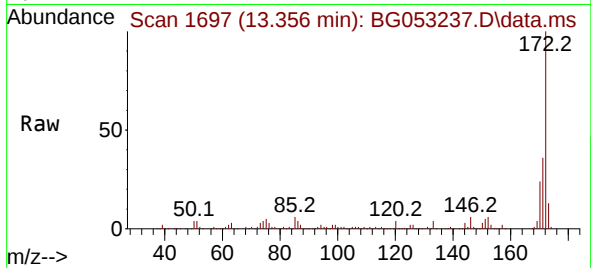




#45  
2-Fluorobiphenyl  
Concen: 90.154 ng  
RT: 13.356 min Scan# 1  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

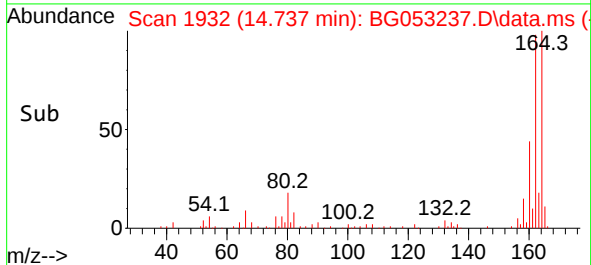
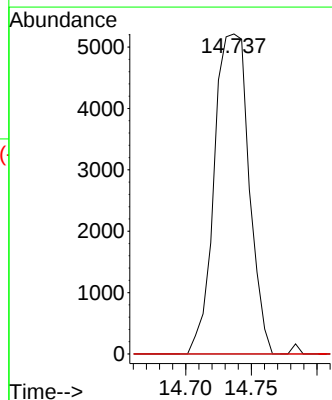
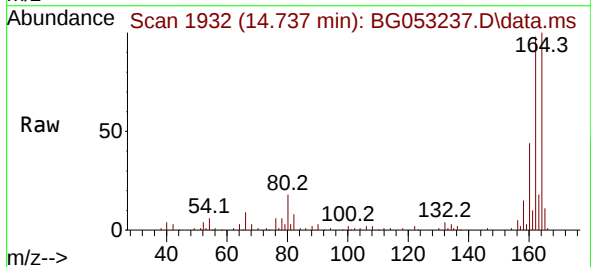
Instrument :  
BNA\_G  
ClientSampleId :  
PB144251BL

Tgt Ion:172 Resp: 480525  
Ion Ratio Lower Upper  
172 100  
171 35.9 28.3 42.5  
170 23.7 18.0 27.0



#51  
2,6-Dinitrotoluene  
Concen: 7.808 ng  
RT: 14.737 min Scan# 1932  
Delta R.T. 0.423 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

Tgt Ion:165 Resp: 9575  
Ion Ratio Lower Upper  
165 100  
63 0.0 43.7 65.5#  
89 0.0 45.0 67.4#

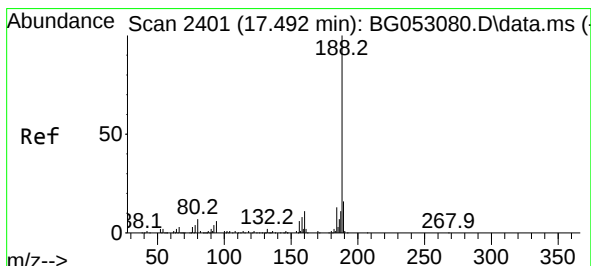
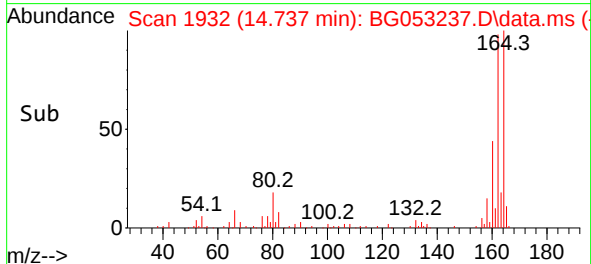
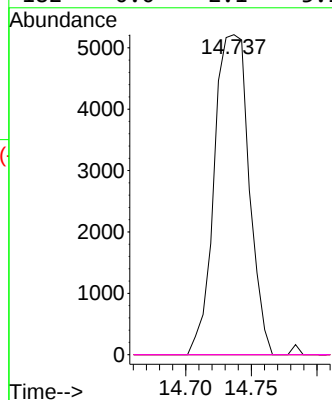
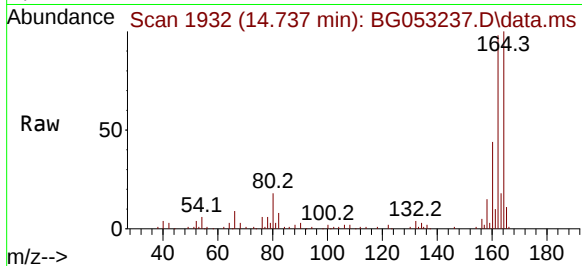




#57  
2,4-Dinitrotoluene  
Concen: 5.484 ng  
RT: 14.737 min Scan# 1994  
Delta R.T. -0.364 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

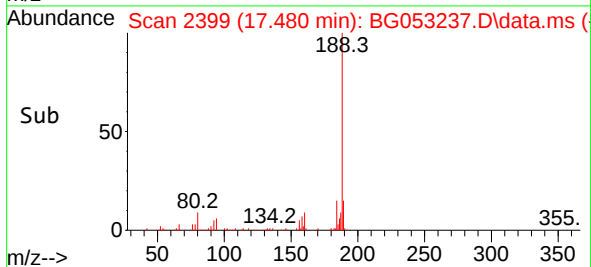
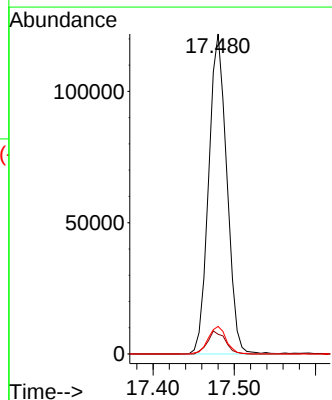
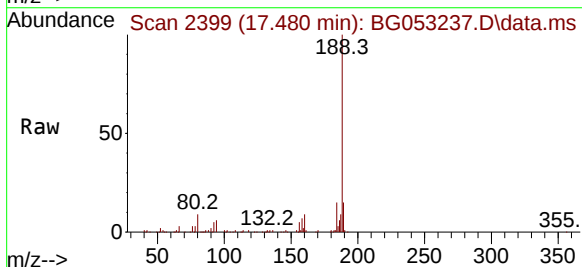
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BNA\_G  
ClientSampleId :  
PB144251BL

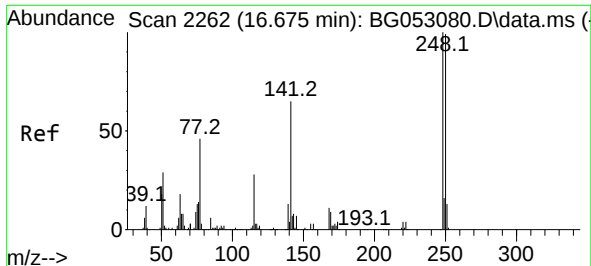
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Ion Ratio Lower Upper  
165 100  
63 0.0 34.8 52.2#  
89 0.0 57.4 86.0#  
182 0.0 2.1 3.1#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.480 min Scan# 2399  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

Tgt Ion:188 Resp: 189127  
Ion Ratio Lower Upper  
188 100  
94 6.2 5.7 8.5  
80 8.6 7.2 10.8

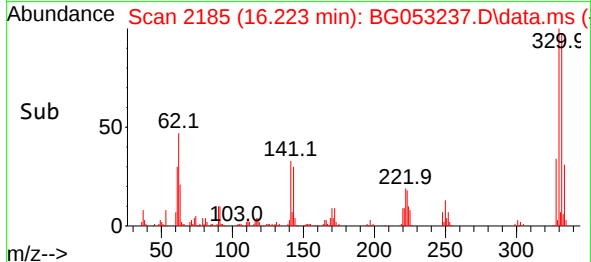
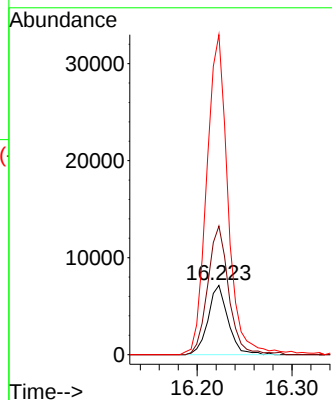
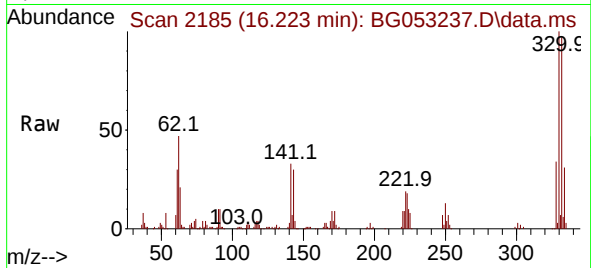




#67  
4-Bromophenyl-phenylether  
Concen: 4.324 ng  
RT: 16.223 min Scan# 2185  
Delta R.T. -0.452 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

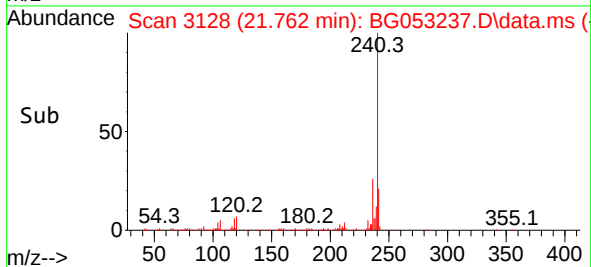
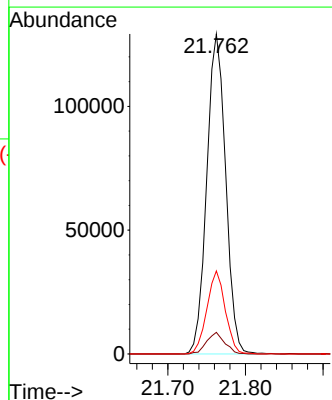
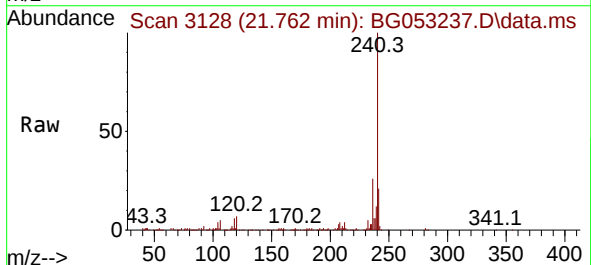
Instrument :  
BNA\_G  
ClientSampleId :  
PB144251BL

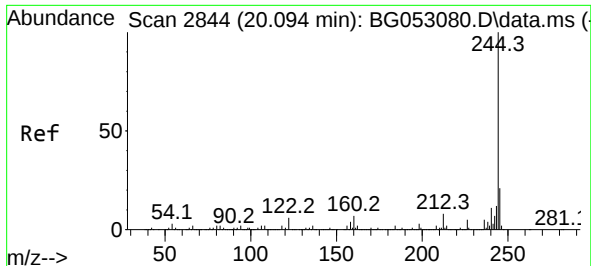
Tgt Ion:248 Resp: 10478  
Ion Ratio Lower Upper  
248 100  
250 185.4 77.9 116.9#  
141 461.4 49.2 73.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.762 min Scan# 3128  
Delta R.T. -0.012 min  
Lab File: BG053237.D  
Acq: 21 Apr 2022 12:09

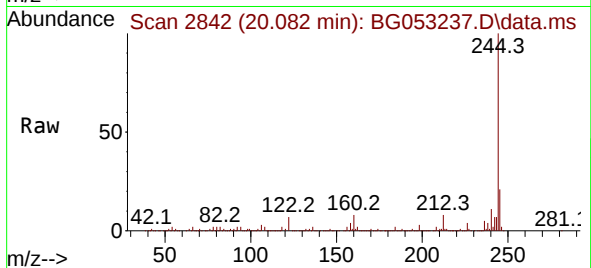
Tgt Ion:240 Resp: 218783  
Ion Ratio Lower Upper  
240 100  
120 6.8 5.4 8.0  
236 26.0 19.8 29.6



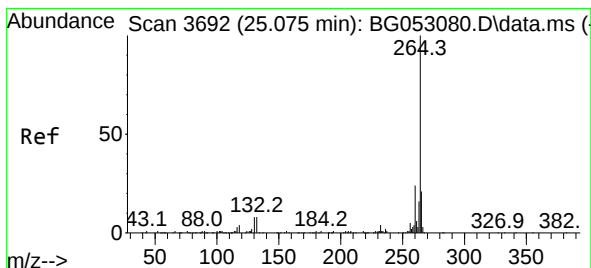
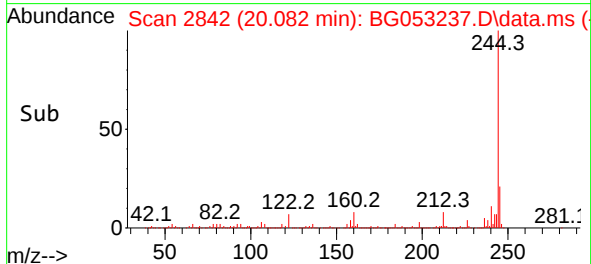
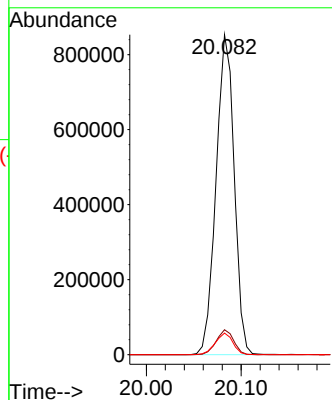


#79  
 Terphenyl-d14  
 Concen: 87.695 ng  
 RT: 20.082 min Scan# 21  
 Delta R.T. -0.012 min  
 Lab File: BG053237.D  
 Acq: 21 Apr 2022 12:09

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144251BL



Tgt Ion:244 Resp: 1136015  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.4 8.2  
 122 6.8 5.8 8.6



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.058 min Scan# 3689  
 Delta R.T. -0.017 min  
 Lab File: BG053237.D  
 Acq: 21 Apr 2022 12:09

Tgt Ion:264 Resp: 211304  
 Ion Ratio Lower Upper  
 264 100  
 260 24.3 18.2 27.2  
 265 19.8 15.1 22.7

