

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030822\  
 Data File : BG052608.D  
 Acq On : 8 Mar 2022 17:21  
 Operator : CG/JU  
 Sample : N1814-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DTW-3

Quant Time: Mar 09 04:18:44 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 08 01:09:10 2022  
 Response via : Initial Calibration

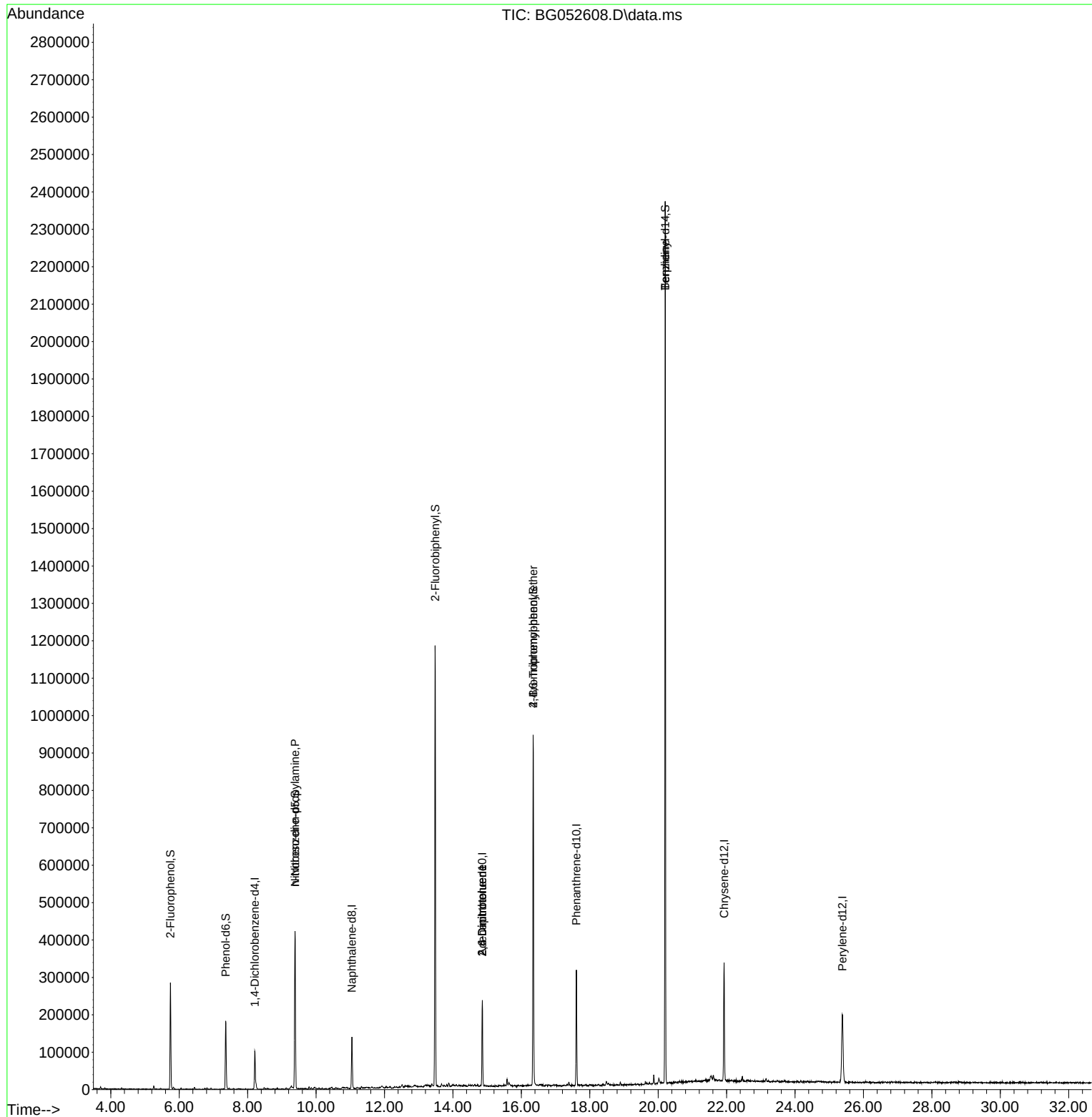
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.210  | 152  | 30692    | 20.000  | ng    | -0.01    |
| 21) Naphthalene-d8            | 11.048 | 136  | 122580   | 20.000  | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.860 | 164  | 83966    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.609 | 188  | 199134   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.927 | 240  | 206472   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 25.387 | 264  | 210546   | 20.000  | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.743  | 112  | 130035   | 72.182  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.359  | 99   | 113243   | 44.736  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 9.385  | 82   | 277420   | 103.176 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 16.352 | 330  | 195289   | 161.832 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.480 | 172  | 628672   | 103.242 | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.206 | 244  | 1189994  | 103.210 | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.385  | 70   | 37933    | 22.009  | ng    | # 75     |
| 51) 2,6-Dinitrotoluene        | 14.860 | 165  | 11630    | 8.286   | ng    | # 18     |
| 57) 2,4-Dinitrotoluene        | 14.860 | 165  | 11630    | 5.858   | ng    | # 17     |
| 67) 4-Bromophenyl-phenylether | 16.352 | 248  | 12493    | 5.191   | ng    | # 1      |
| 77) Benzidine                 | 20.206 | 184  | 17985    | 4.074   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

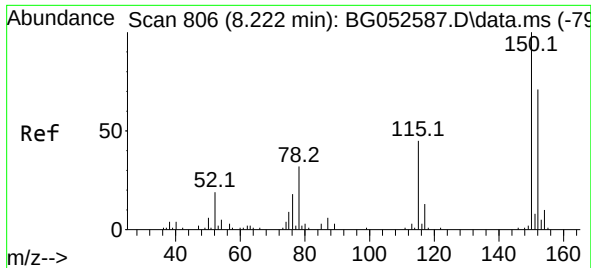
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030822\  
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Quant Time: Mar 09 04:18:44 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG030722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 08 01:09:10 2022  
Response via : Initial Calibration

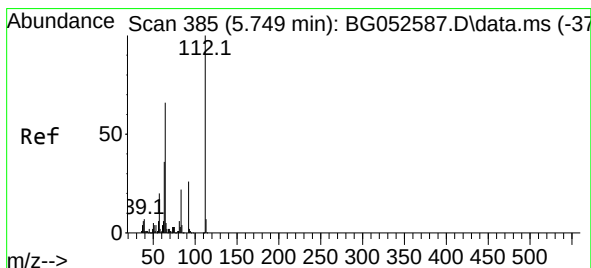
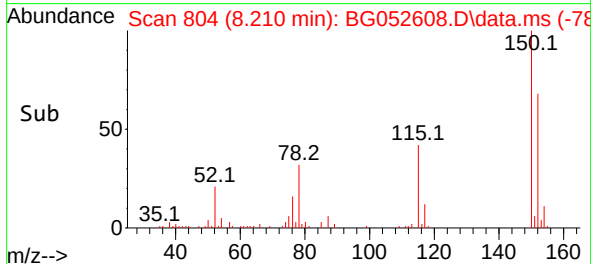
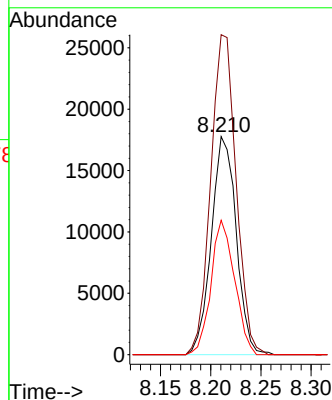
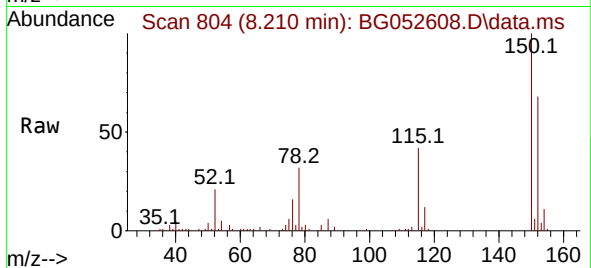




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.210 min Scan# 806  
Delta R.T. -0.012 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

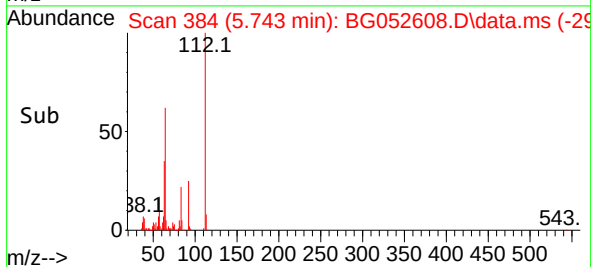
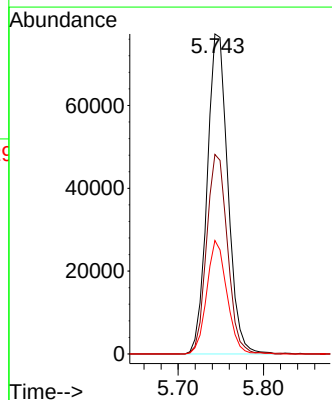
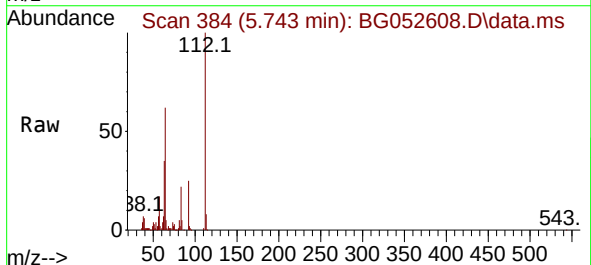
Instrument :  
BNA\_G  
ClientSampleId :  
DTW-3

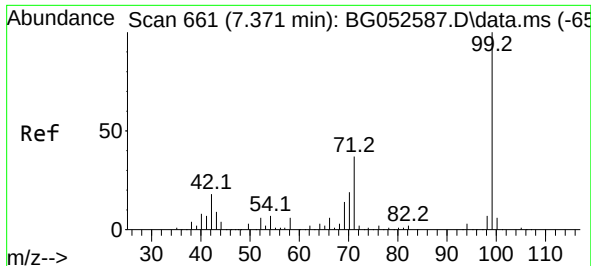
Tgt Ion:152 Resp: 30692  
Ion Ratio Lower Upper  
152 100  
150 146.7 117.8 176.8  
115 61.6 50.2 75.2



#5  
2-Fluorophenol  
Concen: 72.182 ng  
RT: 5.743 min Scan# 384  
Delta R.T. -0.006 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion:112 Resp: 130035  
Ion Ratio Lower Upper  
112 100  
64 62.4 60.4 90.6  
63 35.5 33.3 49.9

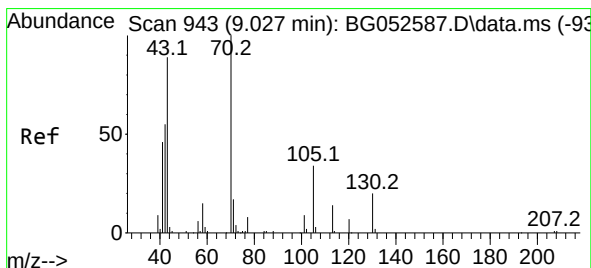
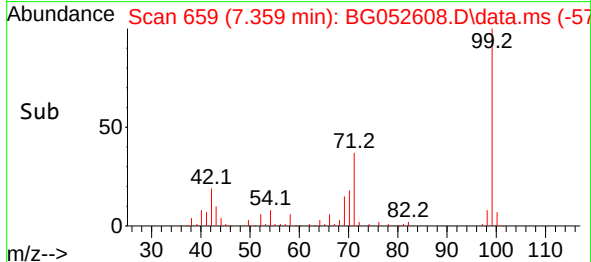
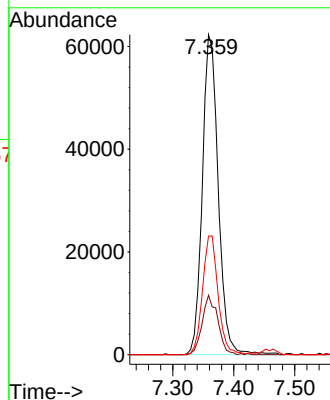
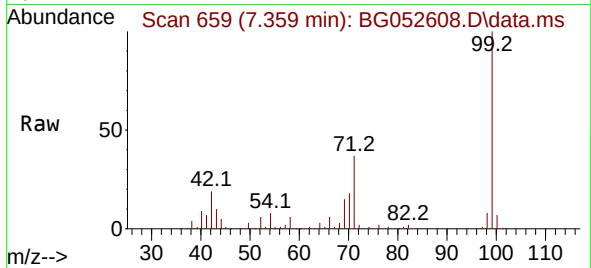




#7  
Phenol-d6  
Concen: 44.736 ng  
RT: 7.359 min Scan# 61  
Delta R.T. -0.012 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

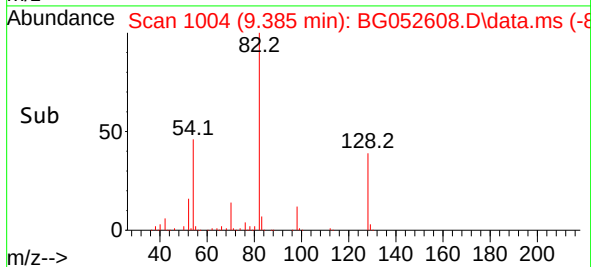
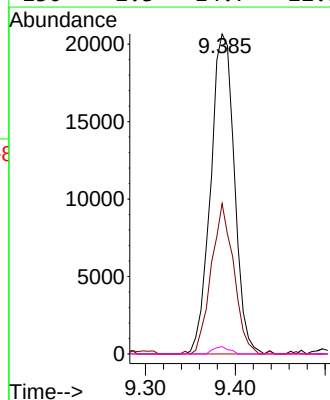
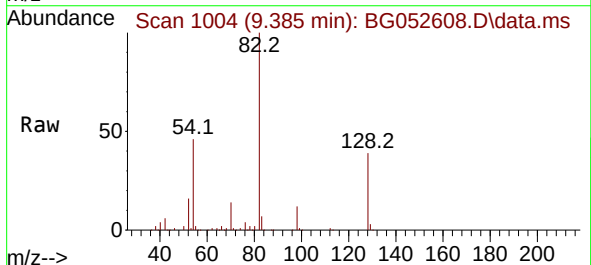
Instrument :  
BNA\_G  
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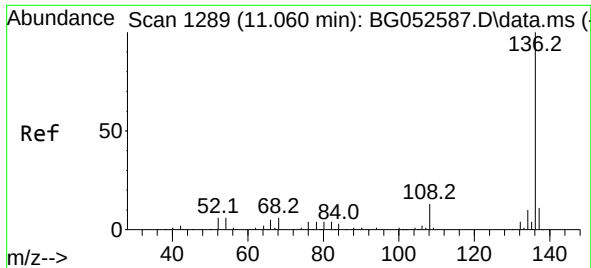
Tgt Ion: 99 Resp: 113243  
Ion Ratio Lower Upper  
99 100  
42 18.6 19.1 28.7#  
71 37.1 33.4 50.2



#19  
n-Nitroso-di-n-propylamine  
Concen: 22.009 ng  
RT: 9.385 min Scan# 1004  
Delta R.T. 0.358 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion: 70 Resp: 37933  
Ion Ratio Lower Upper  
70 100  
42 47.0 51.8 77.6#  
101 0.0 6.6 10.0#  
130 2.3 14.7 22.1#

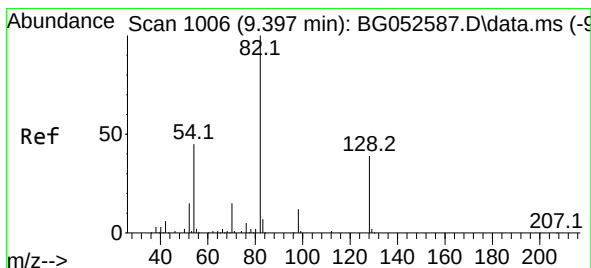
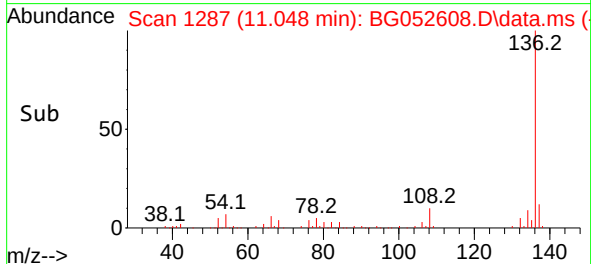
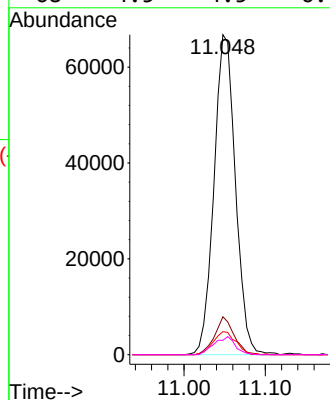
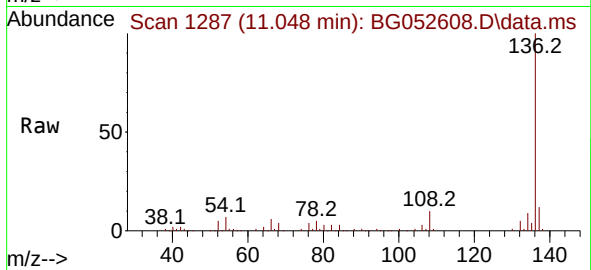




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.048 min Scan# 1104  
Delta R.T. -0.012 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

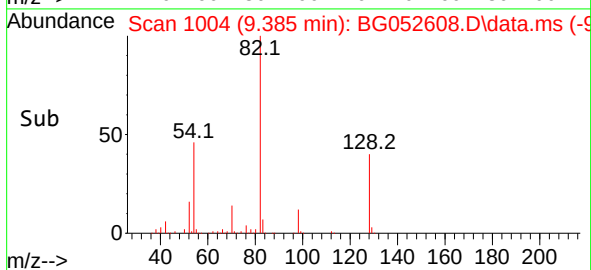
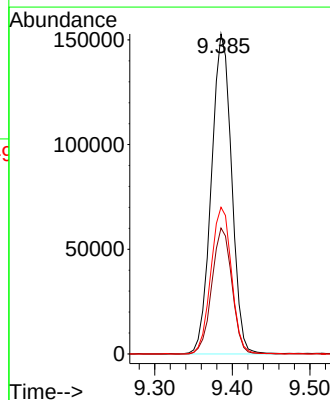
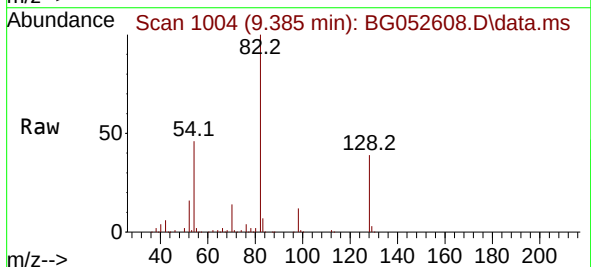
Instrument :  
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ClientSampleId :  
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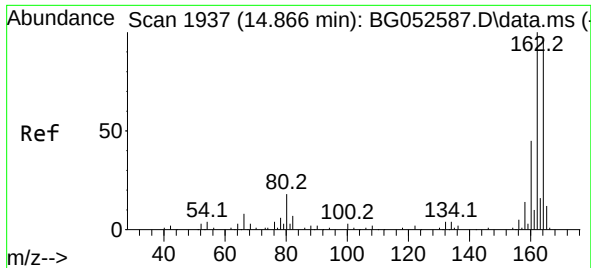
Tgt Ion:136 Resp: 122580  
Ion Ratio Lower Upper  
136 100  
137 11.8 9.1 13.7  
54 7.2 8.3 12.5#  
68 4.5 4.5 6.7#



#23  
Nitrobenzene-d5  
Concen: 103.176 ng  
RT: 9.385 min Scan# 1004  
Delta R.T. -0.012 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion: 82 Resp: 277420  
Ion Ratio Lower Upper  
82 100  
128 39.4 27.0 40.4  
54 45.9 41.0 61.6

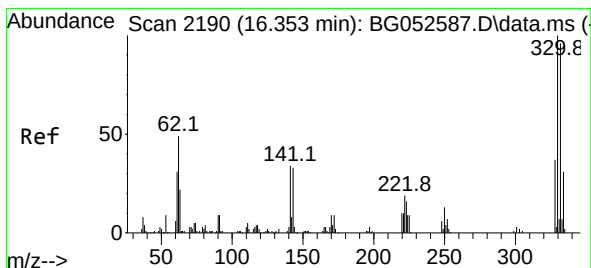
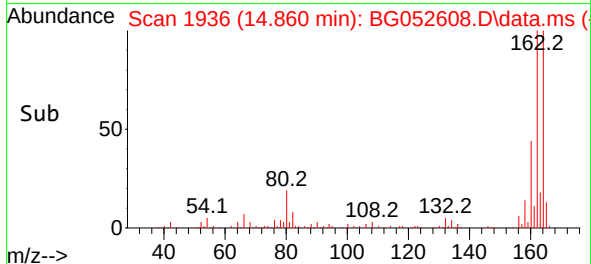
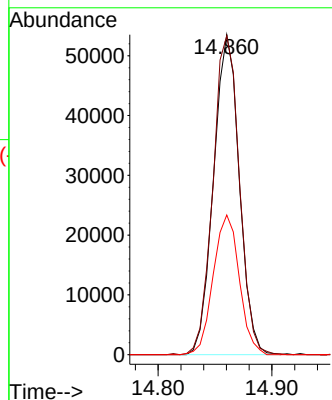
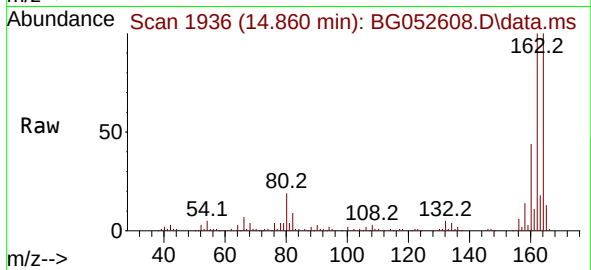




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.860 min Scan# 1937  
Delta R.T. -0.006 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

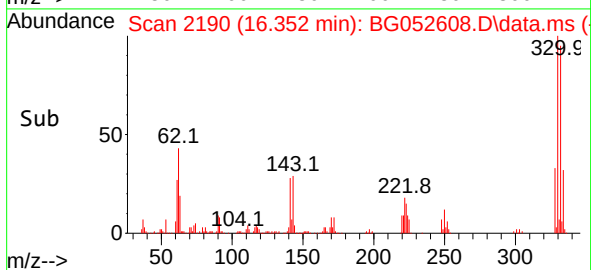
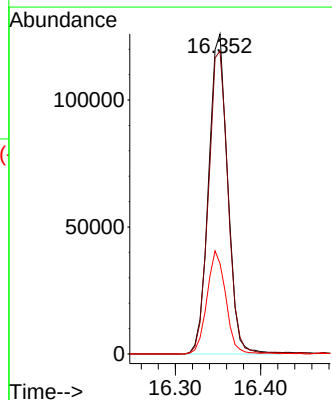
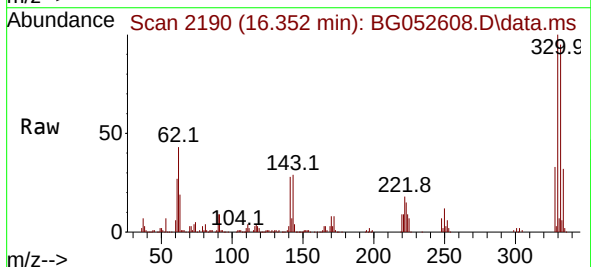
Instrument :  
BNA\_G  
ClientSampleId :  
DTW-3

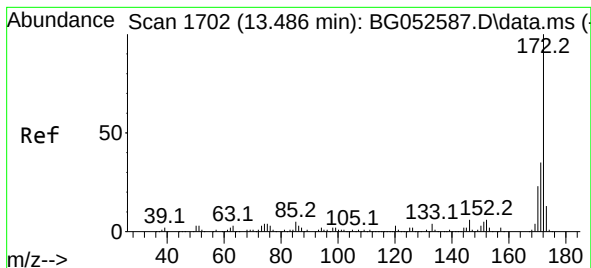
Tgt Ion:164 Resp: 83966  
Ion Ratio Lower Upper  
164 100  
162 99.7 82.2 123.2  
160 43.6 36.2 54.2



#42  
2,4,6-Tribromophenol  
Concen: 161.832 ng  
RT: 16.352 min Scan# 2190  
Delta R.T. -0.000 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion:330 Resp: 195289  
Ion Ratio Lower Upper  
330 100  
332 96.5 78.6 117.8  
141 31.6 28.8 43.2

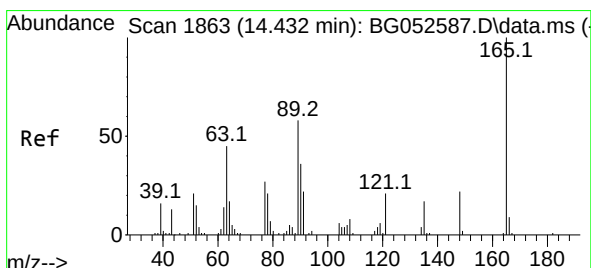
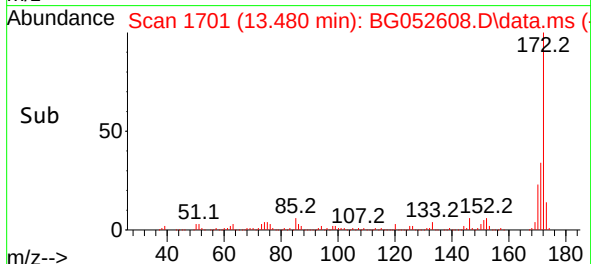
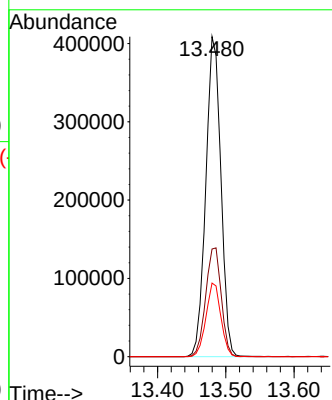
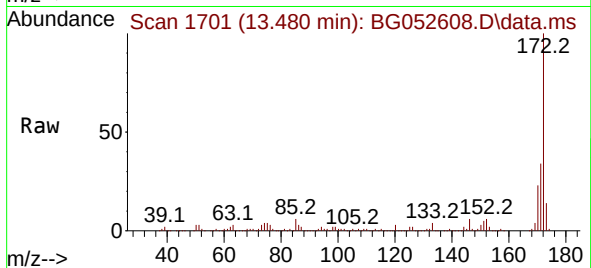




#45  
2-Fluorobiphenyl  
Concen: 103.242 ng  
RT: 13.480 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

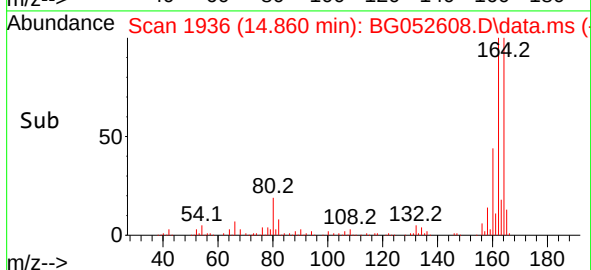
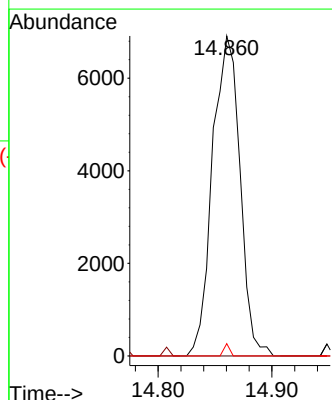
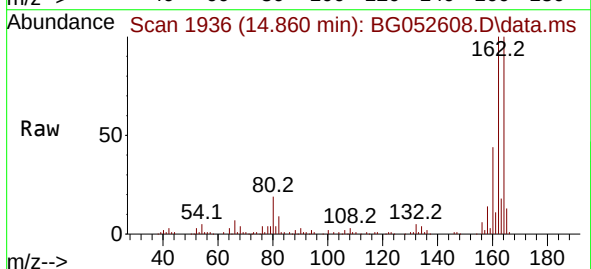
Instrument :  
BNA\_G  
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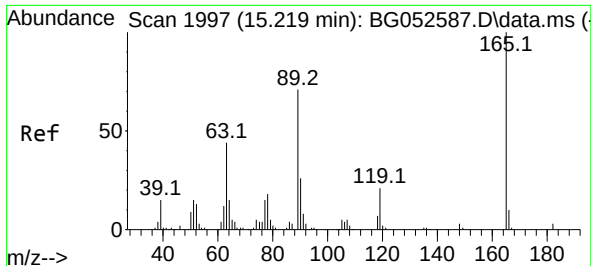
Tgt Ion:172 Resp: 628672  
Ion Ratio Lower Upper  
172 100  
171 33.7 28.3 42.5  
170 23.0 18.3 27.5



#51  
2,6-Dinitrotoluene  
Concen: 8.286 ng  
RT: 14.860 min Scan# 1936  
Delta R.T. 0.429 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion:165 Resp: 11630  
Ion Ratio Lower Upper  
165 100  
63 0.0 59.0 88.4#  
89 3.8 49.4 74.0#





#57

2,4-Dinitrotoluene

Concen: 5.858 ng

RT: 14.860 min Scan# 1997

Delta R.T. -0.359 min

Lab File: BG052608.D

Acq: 8 Mar 2022 17:21

Instrument :

BNA\_G

ClientSampleId :

DTW-3

Tgt Ion:165 Resp: 11630

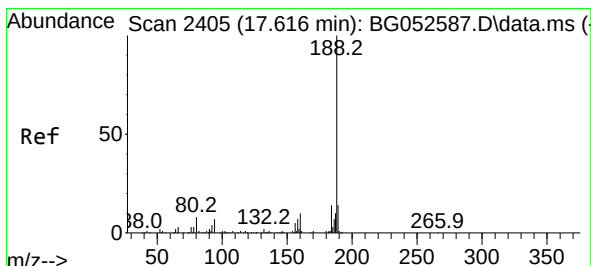
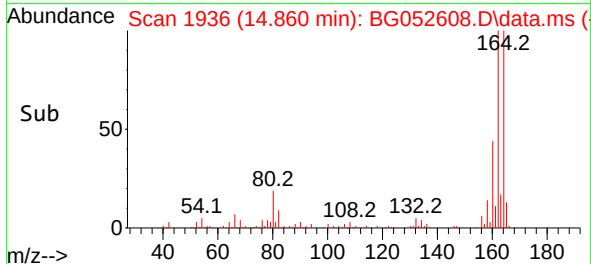
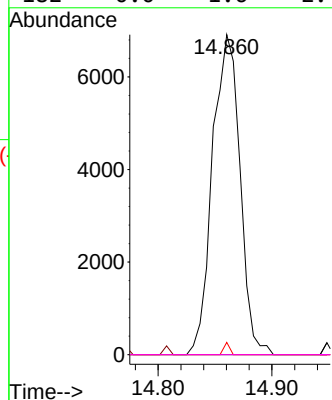
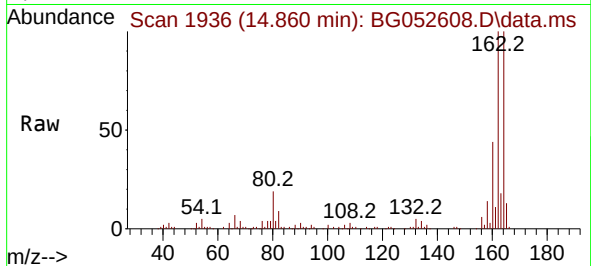
Ion Ratio Lower Upper

165 100

63 0.0 44.6 66.8#

89 3.8 67.4 101.0#

182 0.0 1.6 2.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.609 min Scan# 2404

Delta R.T. -0.007 min

Lab File: BG052608.D

Acq: 8 Mar 2022 17:21

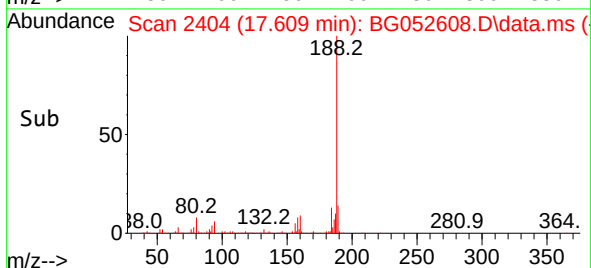
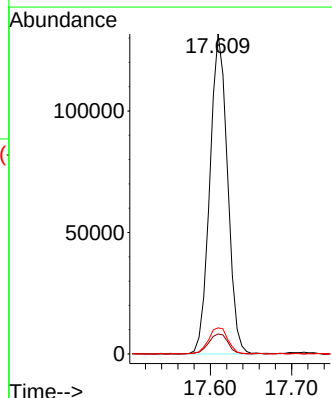
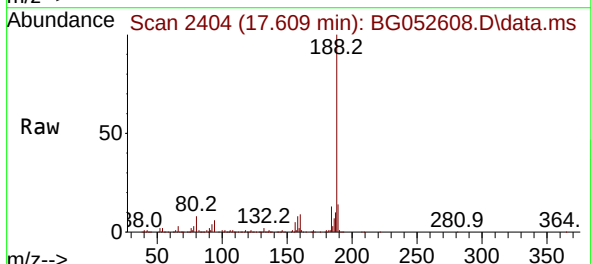
Tgt Ion:188 Resp: 199134

Ion Ratio Lower Upper

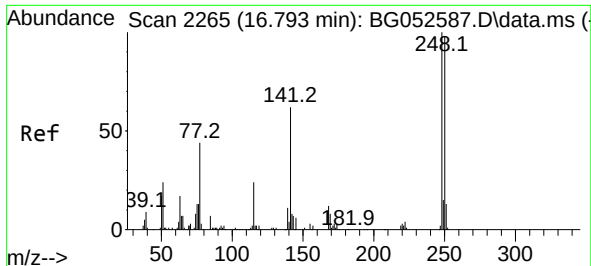
188 100

94 6.3 5.9 8.9

80 8.1 6.6 10.0



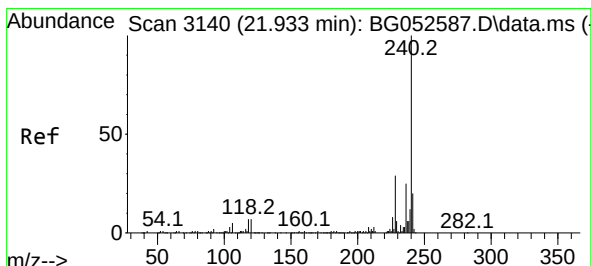
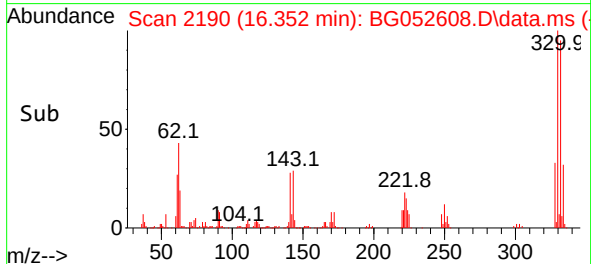
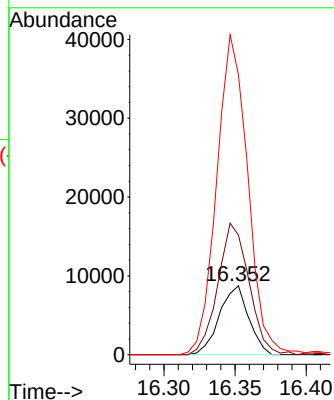
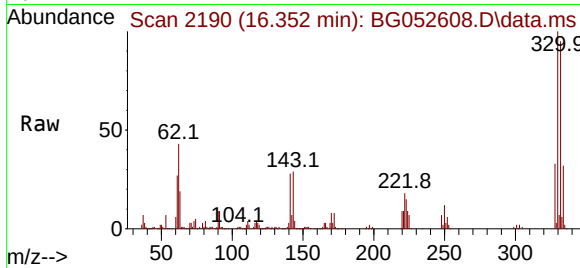




#67  
4-Bromophenyl-phenylether  
Concen: 5.191 ng  
RT: 16.352 min Scan# 21  
Delta R.T. -0.441 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

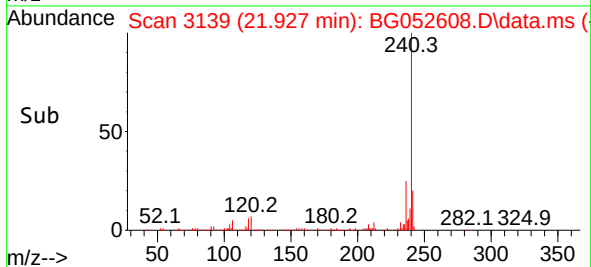
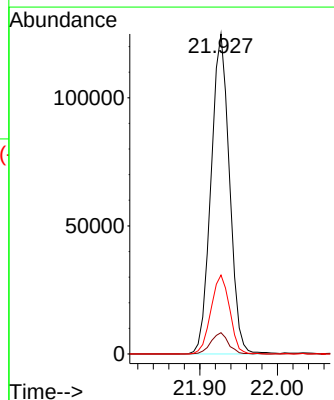
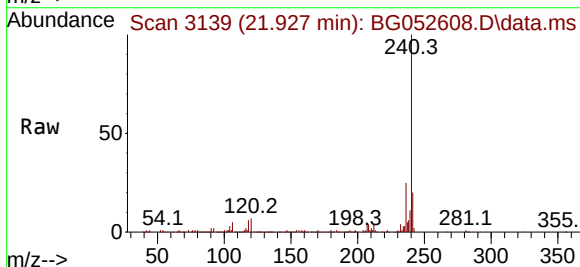
Instrument :  
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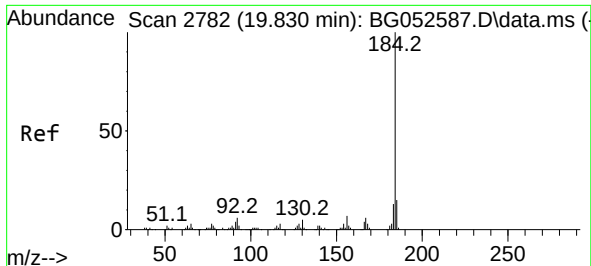
Tgt Ion:248 Resp: 12493  
Ion Ratio Lower Upper  
248 100  
250 173.4 79.6 119.4#  
141 405.8 54.6 81.8#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.927 min Scan# 3139  
Delta R.T. -0.006 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion:240 Resp: 206472  
Ion Ratio Lower Upper  
240 100  
120 6.6 4.4 6.6#  
236 24.7 20.8 31.2

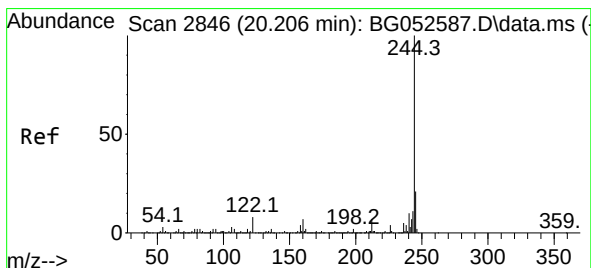
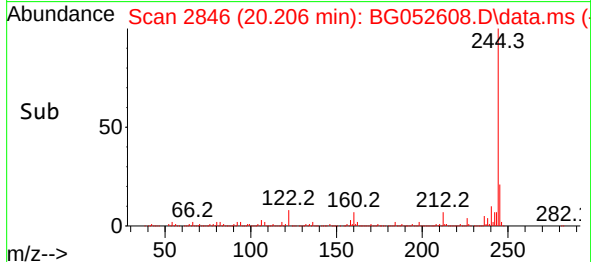
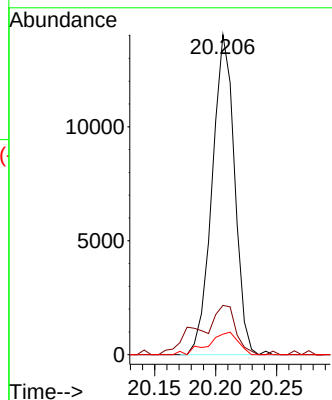
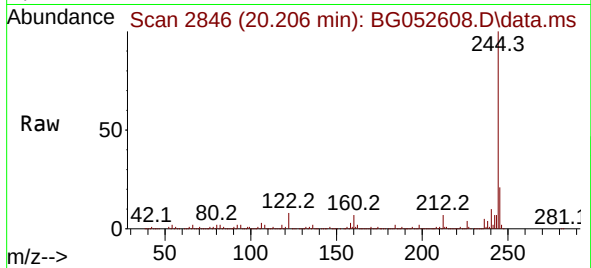




#77  
Benzidine  
Concen: 4.074 ng  
RT: 20.206 min Scan# 2846  
Delta R.T. 0.376 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

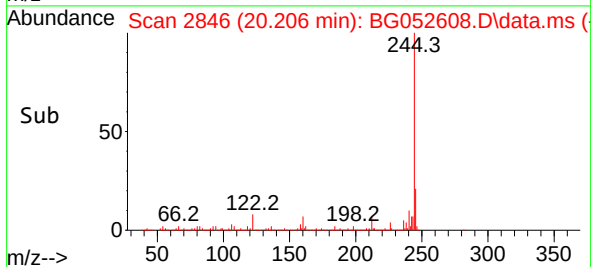
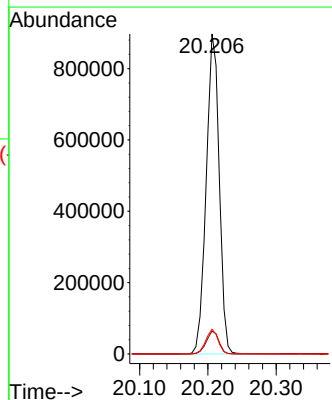
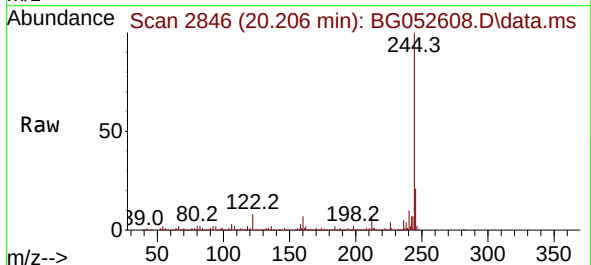
Instrument :  
BNA\_G  
ClientSampleId :  
DTW-3

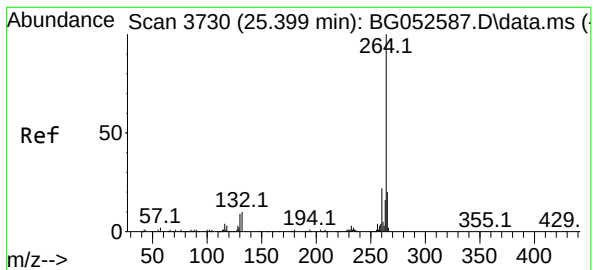
Tgt Ion:184 Resp: 17985  
Ion Ratio Lower Upper  
184 100  
185 15.4 11.8 17.8  
183 6.4 9.8 14.6#



#79  
Terphenyl-d14  
Concen: 103.210 ng  
RT: 20.206 min Scan# 2846  
Delta R.T. -0.000 min  
Lab File: BG052608.D  
Acq: 8 Mar 2022 17:21

Tgt Ion:244 Resp: 1189994  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.0 9.0  
122 7.7 6.2 9.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.387 min Scan# 31  
 Delta R.T. -0.012 min  
 Lab File: BG052608.D  
 Acq: 8 Mar 2022 17:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DTW-3

Tgt Ion:264 Resp: 210546  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.5 27.7  
 265 20.8 17.8 26.6

