

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG030122\  
 Data File : BG052520.D  
 Acq On : 1 Mar 2022 15:43  
 Operator : CG/JU  
 Sample : N1688-01  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 MW-14

Quant Time: Mar 02 01:52:01 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020722.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Feb 08 01:21:20 2022  
 Response via : Initial Calibration

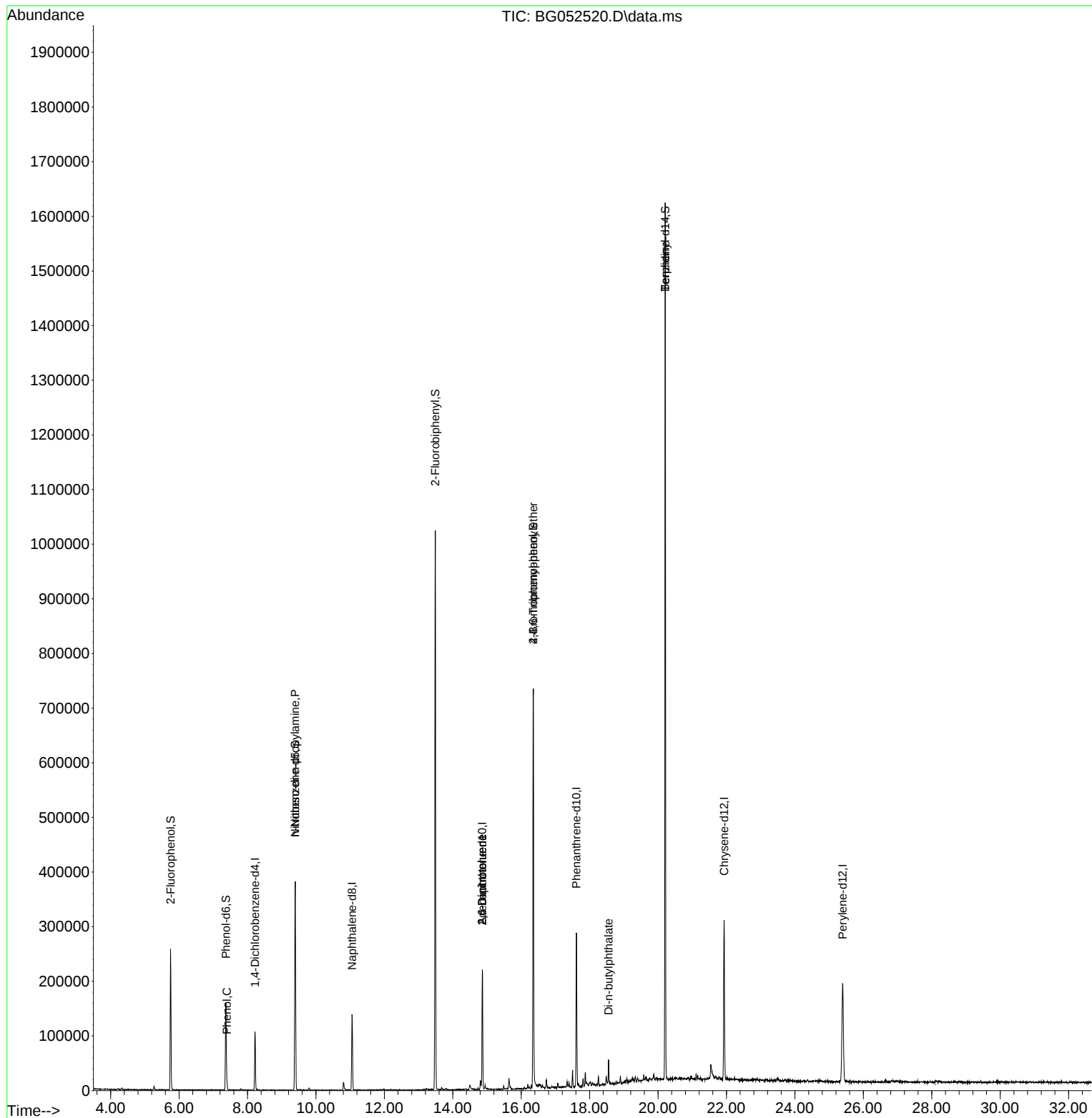
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.219  | 152  | 30620    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 11.056 | 136  | 122798   | 20.000    | ng    | #-0.01   |
| 39) Acenaphthene-d10          | 14.862 | 164  | 80369    | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 17.612 | 188  | 184429   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12              | 21.929 | 240  | 198128   | 20.000    | ng    | #-0.01   |
| 86) Perylene-d12              | 25.395 | 264  | 212253   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.751  | 112  | 111139   | 63.259    | ng    | 0.00     |
| 7) Phenol-d6                  | 7.367  | 99   | 93876    | 34.631    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.393  | 82   | 249367   | 88.257    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.355 | 330  | 159606   | 138.231   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.488 | 172  | 550843   | 95.238    | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.208 | 244  | 813338   | 72.491    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.355  | 77   | 55       | Below Cal | #     | 8        |
| 10) Phenol                    | 7.396  | 94   | 7507     | 2.787     | ng    | 93       |
| 19) n-Nitroso-di-n-propyla... | 9.393  | 70   | 33991    | 16.633    | ng    | # 73     |
| 51) 2,6-Dinitrotoluene        | 14.862 | 165  | 11253    | 8.470     | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.862 | 165  | 11253    | 5.951     | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 16.355 | 248  | 10676    | 4.760     | ng    | # 1      |
| 74) Di-n-butylphthalate       | 18.552 | 149  | 30403    | 3.071     | ng    | # 95     |
| 77) Benzidine                 | 20.208 | 184  | 11612    | 2.743     | ng    | # 95     |
| -----                         |        |      |          |           |       |          |

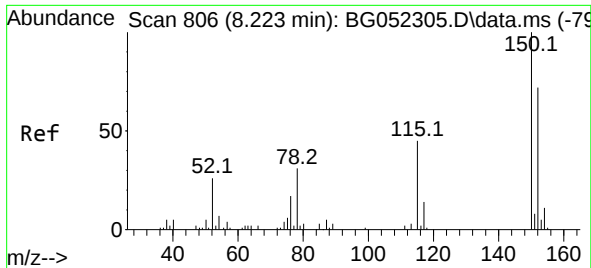
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG020722.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Feb 08 01:21:20 2022  
Response via : Initial Calibration

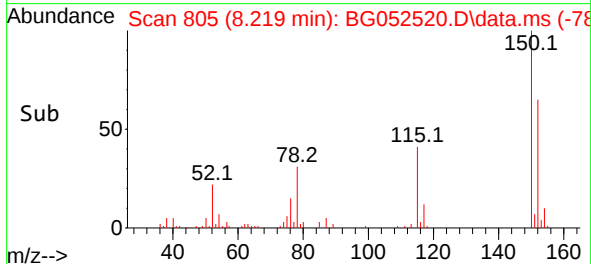
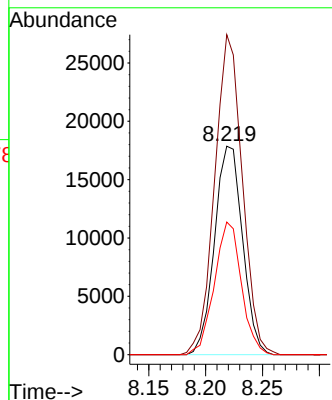
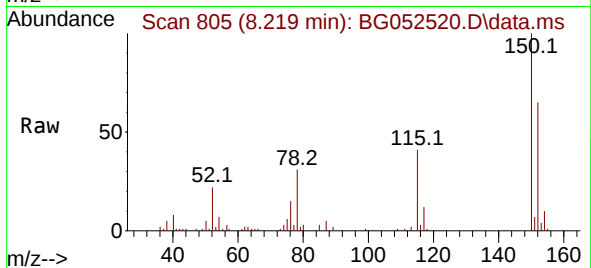




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.219 min Scan# 806  
Delta R.T. -0.004 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

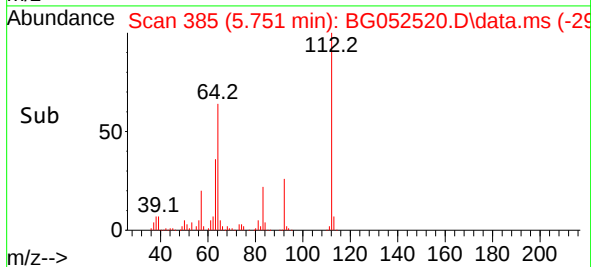
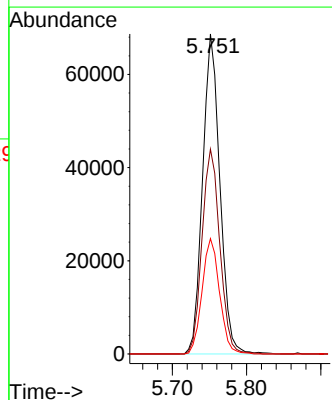
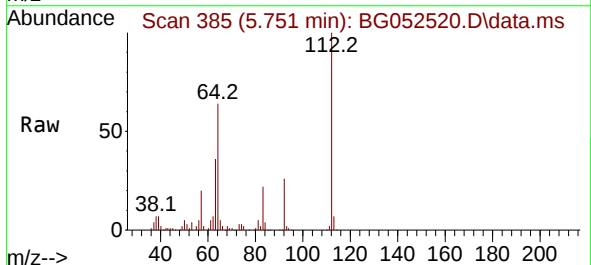
Instrument :  
BNA\_G  
ClientSampleId :  
MW-14

Tgt Ion:152 Resp: 30620  
Ion Ratio Lower Upper  
152 100  
150 153.4 117.8 176.8  
115 63.6 50.2 75.2



#5  
2-Fluorophenol  
Concen: 63.259 ng  
RT: 5.751 min Scan# 385  
Delta R.T. 0.001 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:112 Resp: 111139  
Ion Ratio Lower Upper  
112 100  
64 64.0 60.4 90.6  
63 36.0 33.3 49.9

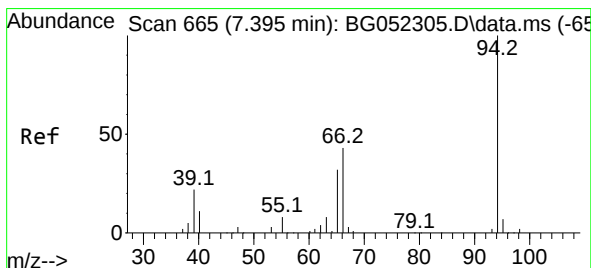
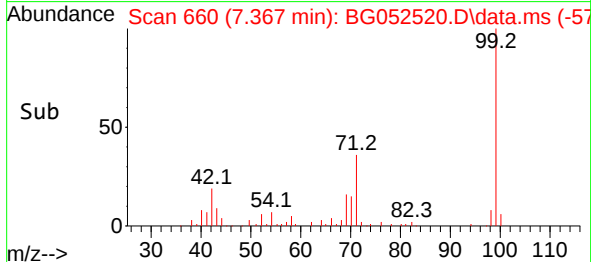
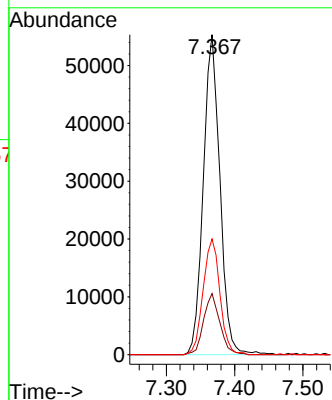
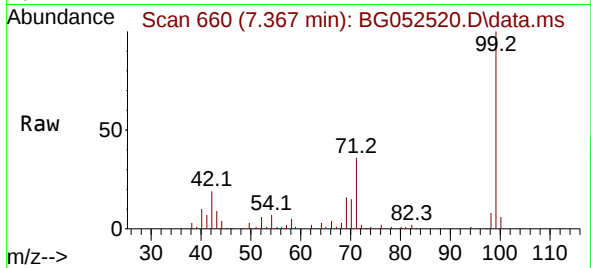




#7  
Phenol-d6  
Concen: 34.631 ng  
RT: 7.367 min Scan# 661  
Delta R.T. -0.005 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

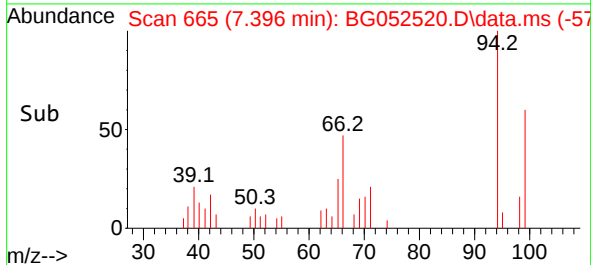
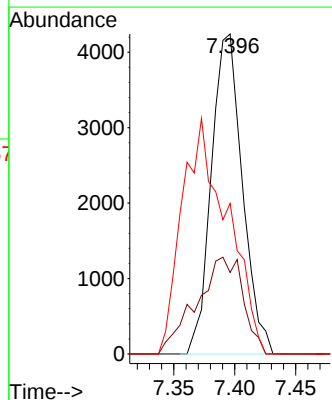
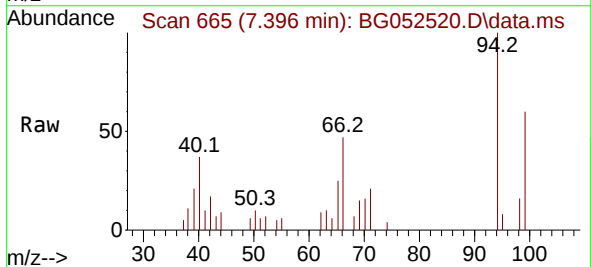
Instrument :  
BNA\_G  
ClientSampleId :  
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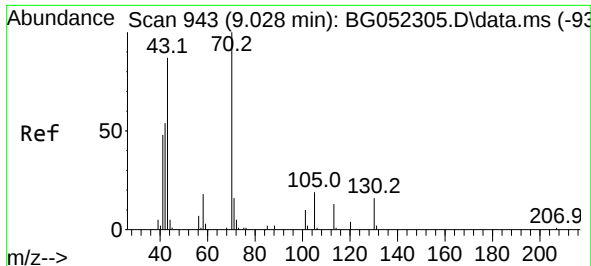
Tgt Ion: 99 Resp: 93876  
Ion Ratio Lower Upper  
99 100  
42 19.1 19.1 28.7#  
71 36.1 33.4 50.2



#10  
Phenol  
Concen: 2.787 ng  
RT: 7.396 min Scan# 665  
Delta R.T. 0.001 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion: 94 Resp: 7507  
Ion Ratio Lower Upper  
94 100  
65 25.4 14.1 54.1  
66 47.1 26.6 66.6

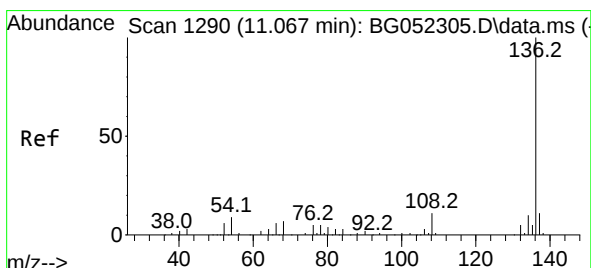
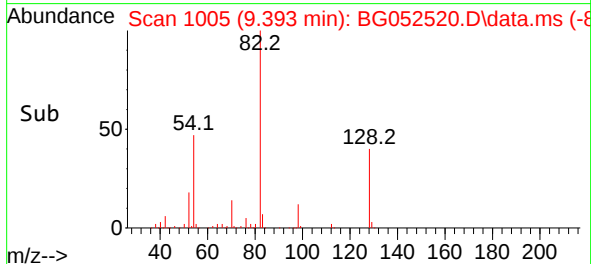
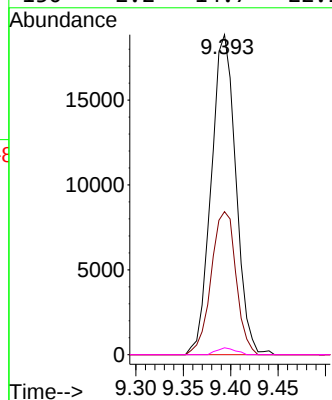
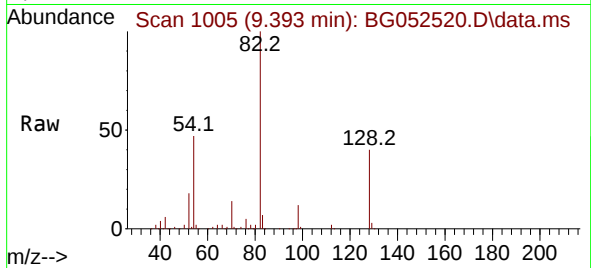




#19  
n-Nitroso-di-n-propylamine  
Concen: 16.633 ng  
RT: 9.393 min Scan# 1005  
Delta R.T. 0.365 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

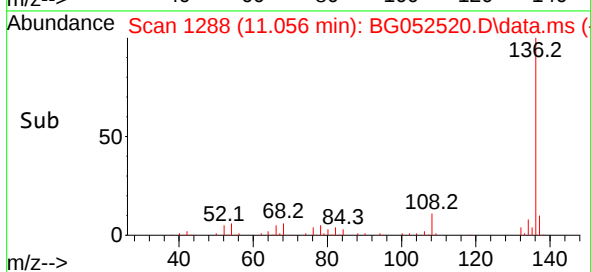
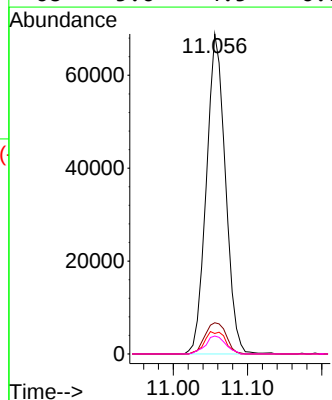
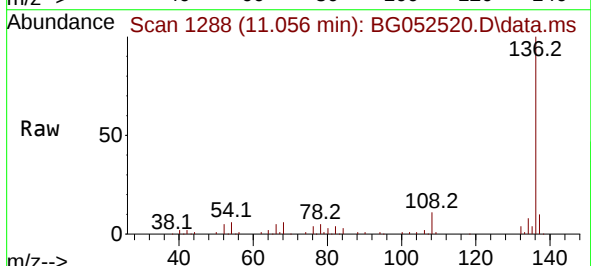
Instrument :  
BNA\_G  
ClientSampleId :  
MW-14

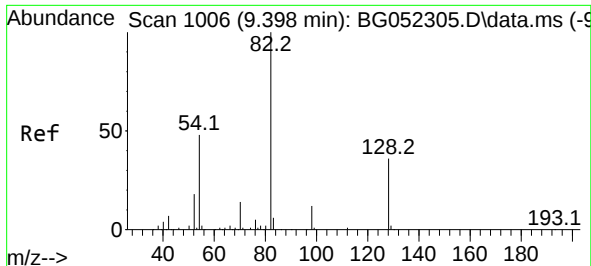
Tgt Ion: 70 Resp: 33991  
Ion Ratio Lower Upper  
70 100  
42 44.7 51.8 77.6#  
101 0.0 6.6 10.0#  
130 2.2 14.7 22.1#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.056 min Scan# 1288  
Delta R.T. -0.011 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion: 136 Resp: 122798  
Ion Ratio Lower Upper  
136 100  
137 9.8 9.1 13.7  
54 6.4 8.3 12.5#  
68 5.6 4.5 6.7

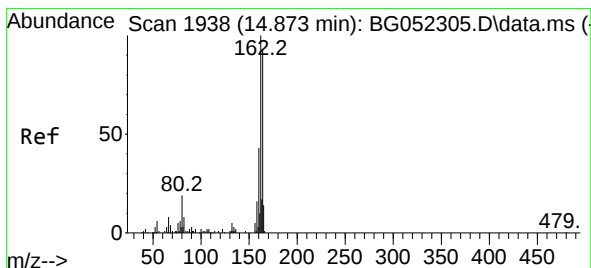
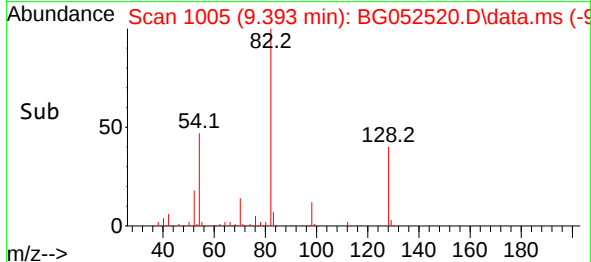
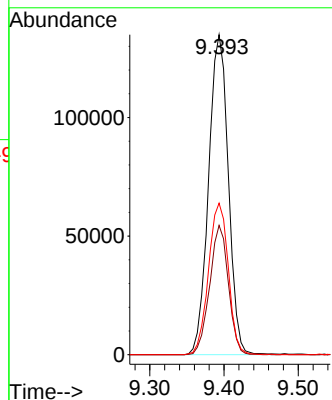
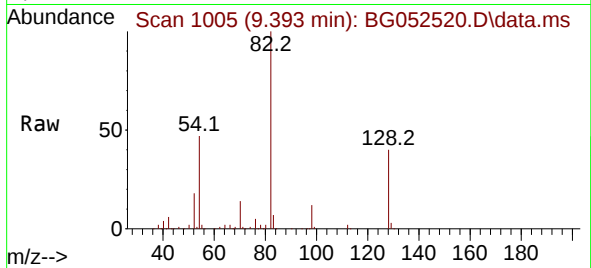




#23  
Nitrobenzene-d5  
Concen: 88.257 ng  
RT: 9.393 min Scan# 1005  
Delta R.T. -0.005 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

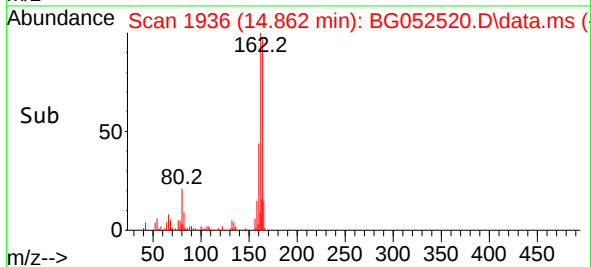
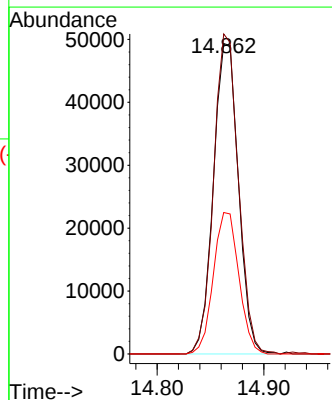
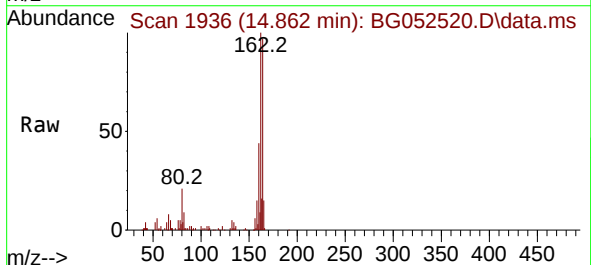
Instrument :  
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ClientSampleId :  
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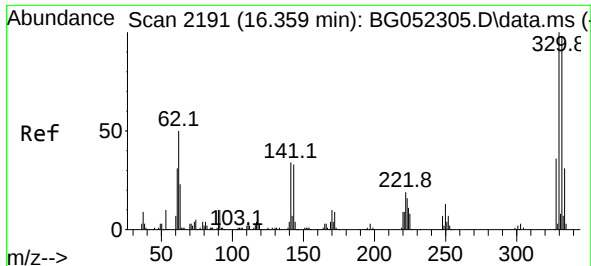
Tgt Ion: 82 Resp: 249367  
Ion Ratio Lower Upper  
82 100  
128 40.4 27.0 40.4  
54 47.3 41.0 61.6



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.862 min Scan# 1936  
Delta R.T. -0.011 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:164 Resp: 80369  
Ion Ratio Lower Upper  
164 100  
162 103.1 82.2 123.2  
160 45.6 36.2 54.2

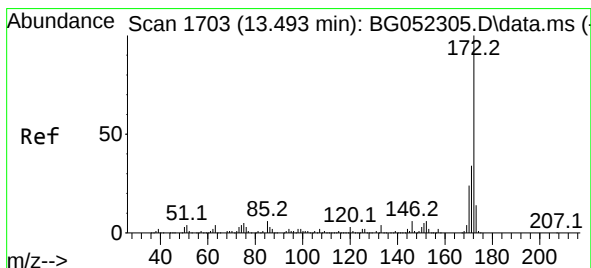
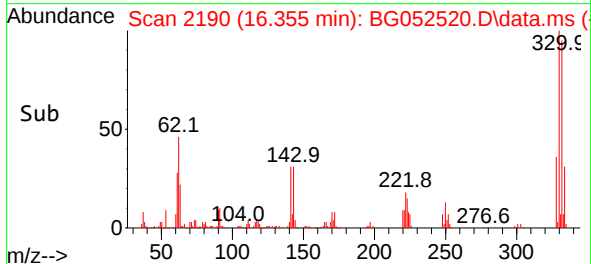
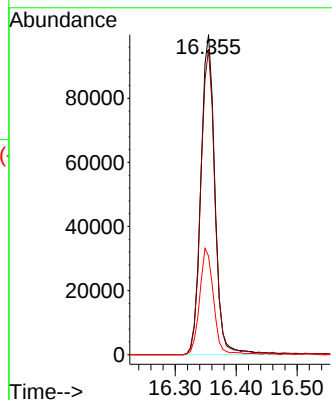
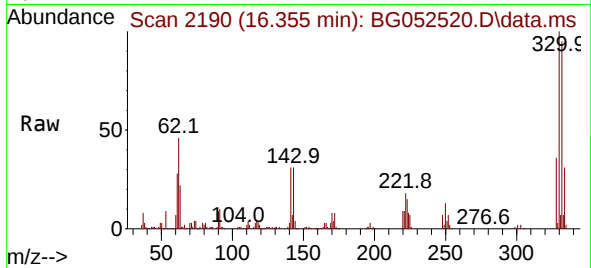




#42  
2,4,6-Tribromophenol  
Concen: 138.231 ng  
RT: 16.355 min Scan# 2191  
Delta R.T. -0.004 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

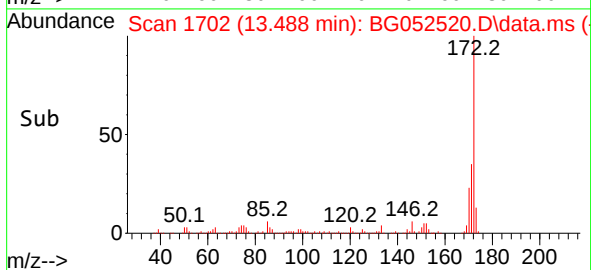
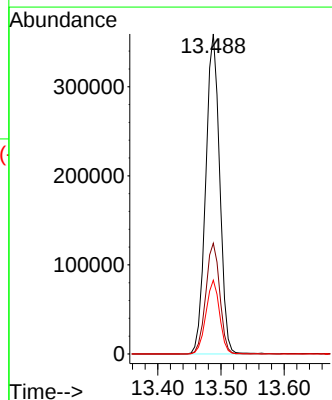
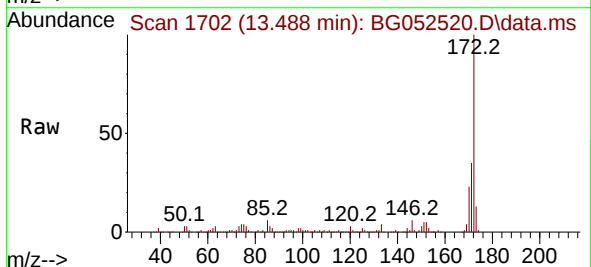
Instrument :  
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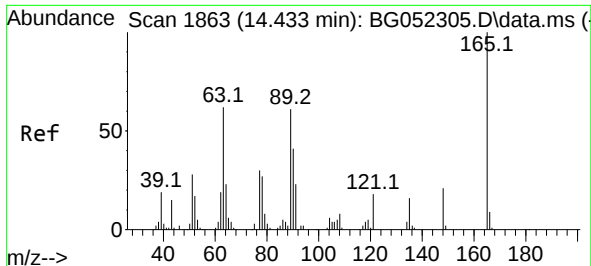
Tgt Ion:330 Resp: 159606  
Ion Ratio Lower Upper  
330 100  
332 95.7 78.6 117.8  
141 32.7 28.8 43.2



#45  
2-Fluorobiphenyl  
Concen: 95.238 ng  
RT: 13.488 min Scan# 1702  
Delta R.T. -0.005 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:172 Resp: 550843  
Ion Ratio Lower Upper  
172 100  
171 34.6 28.3 42.5  
170 23.1 18.3 27.5

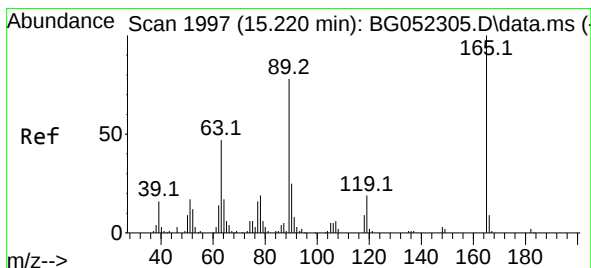
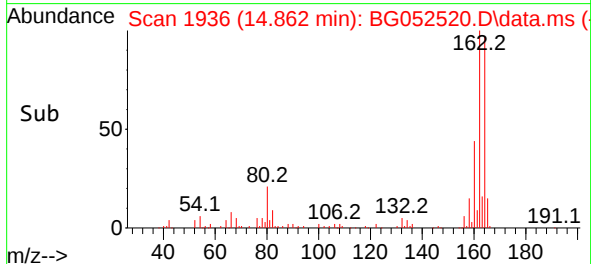
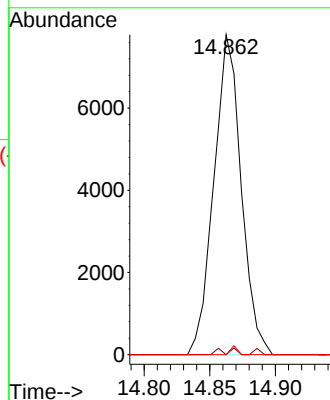
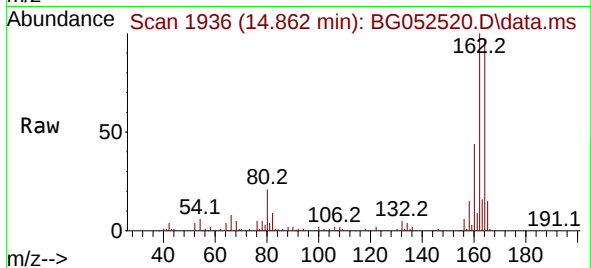




#51  
2,6-Dinitrotoluene  
Concen: 8.470 ng  
RT: 14.862 min Scan# 1936  
Delta R.T. 0.430 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

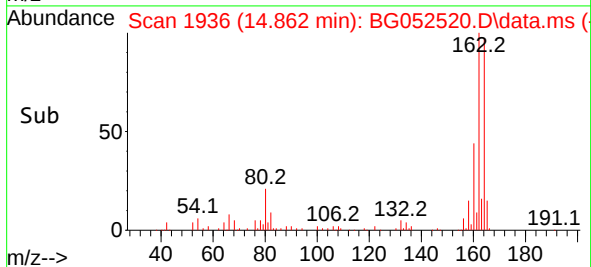
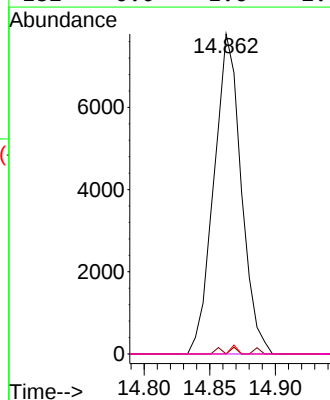
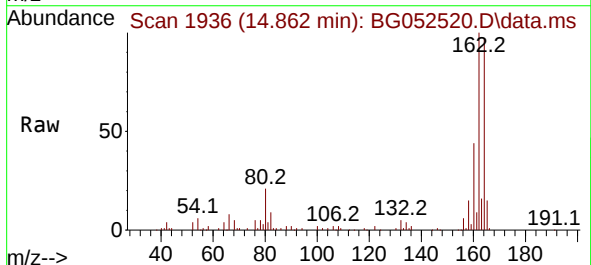
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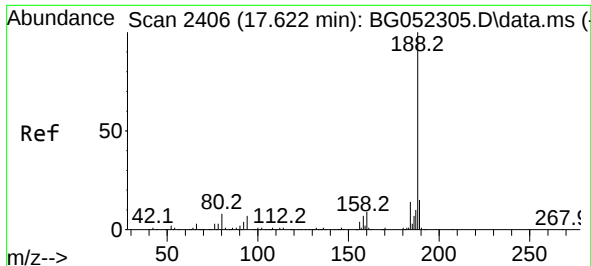
Tgt Ion:165 Resp: 11253  
Ion Ratio Lower Upper  
165 100  
63 0.0 59.0 88.4#  
89 0.0 49.4 74.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.951 ng  
RT: 14.862 min Scan# 1936  
Delta R.T. -0.357 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:165 Resp: 11253  
Ion Ratio Lower Upper  
165 100  
63 0.0 44.6 66.8#  
89 0.0 67.4 101.0#  
182 0.0 1.6 2.4#

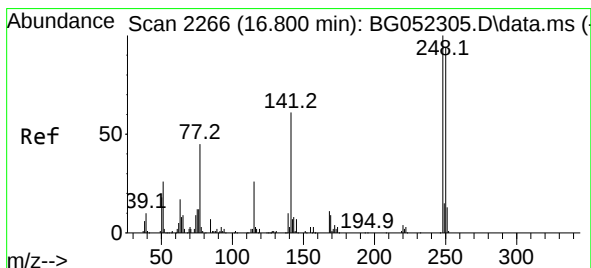
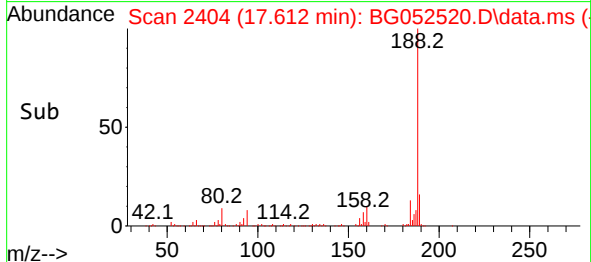
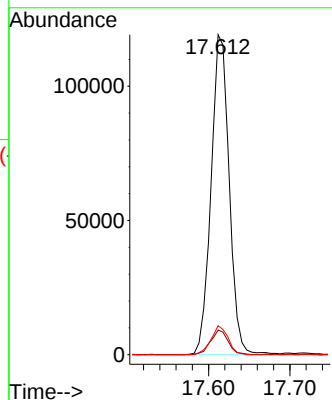
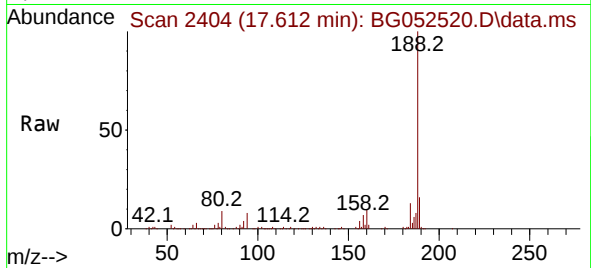




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.612 min Scan# 2406  
Delta R.T. -0.011 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

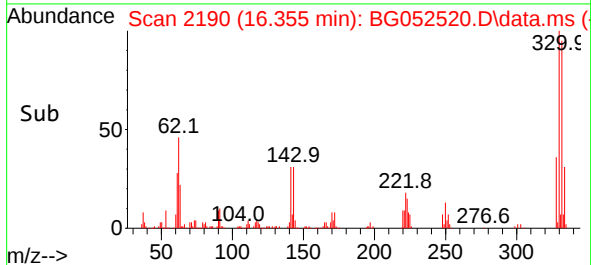
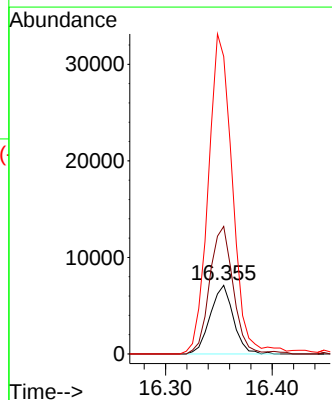
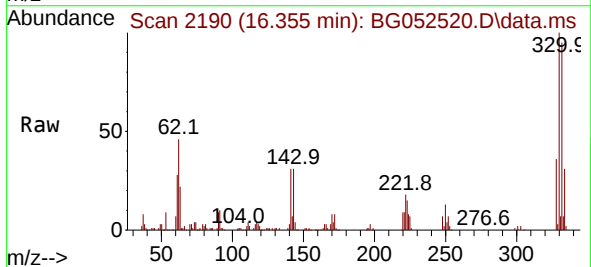
Instrument :  
BNA\_G  
ClientSampleId :  
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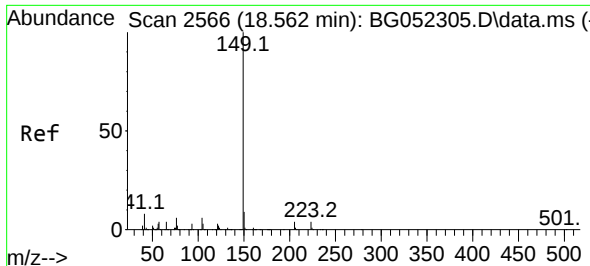
Tgt Ion:188 Resp: 184429  
Ion Ratio Lower Upper  
188 100  
94 7.7 5.9 8.9  
80 9.1 6.6 10.0



#67  
4-Bromophenyl-phenylether  
Concen: 4.760 ng  
RT: 16.355 min Scan# 2190  
Delta R.T. -0.445 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:248 Resp: 10676  
Ion Ratio Lower Upper  
248 100  
250 185.7 79.6 119.4#  
141 433.4 54.6 81.8#

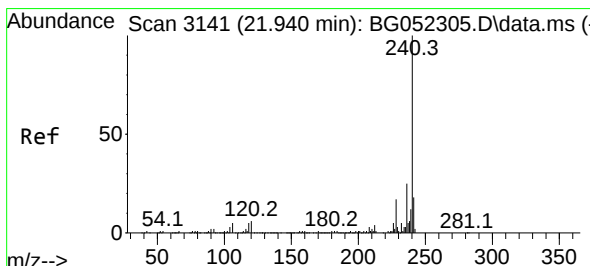
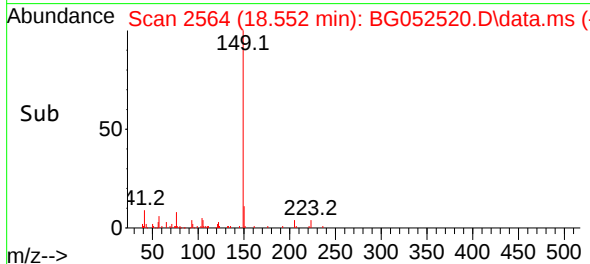
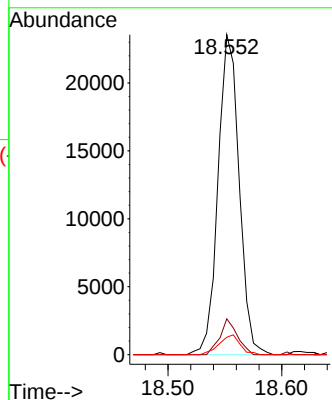
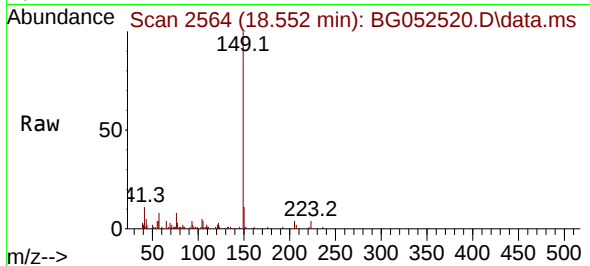




#74  
Di-n-butylphthalate  
Concen: 3.071 ng  
RT: 18.552 min Scan# 21  
Delta R.T. -0.011 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

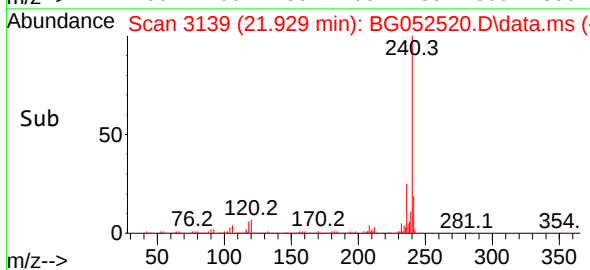
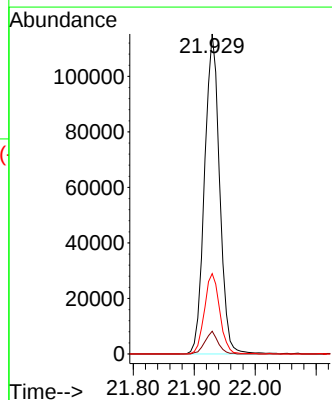
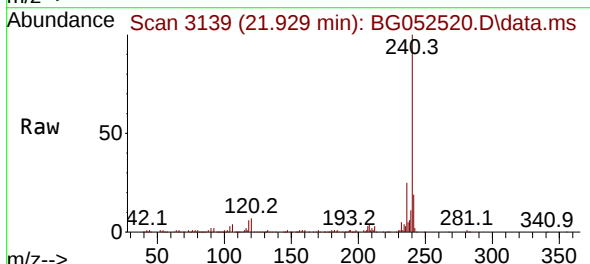
Instrument :  
BNA\_G  
ClientSampleId :  
MW-14

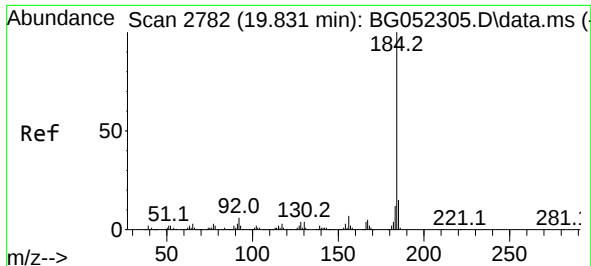
Tgt Ion:149 Resp: 30403  
Ion Ratio Lower Upper  
149 100  
150 11.2 7.4 11.0#  
104 5.4 5.4 8.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.929 min Scan# 3139  
Delta R.T. -0.011 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:240 Resp: 198128  
Ion Ratio Lower Upper  
240 100  
120 7.1 4.4 6.6#  
236 25.1 20.8 31.2

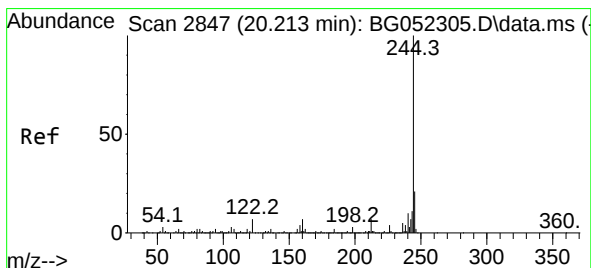
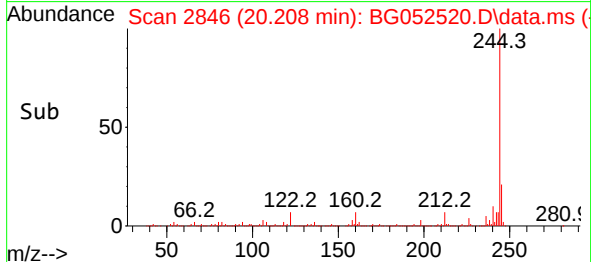
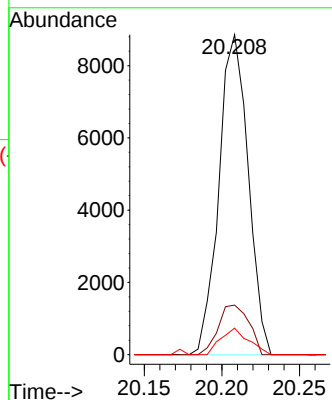
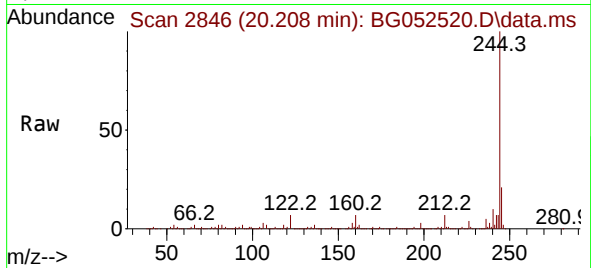




#77  
Benzidine  
Concen: 2.743 ng  
RT: 20.208 min Scan# 2846  
Delta R.T. 0.377 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

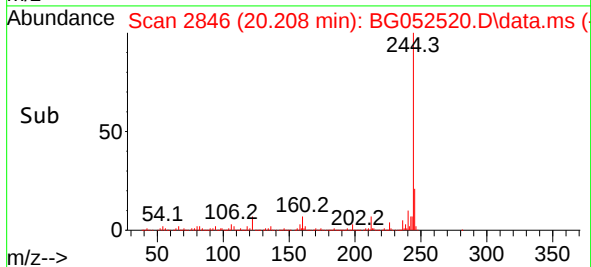
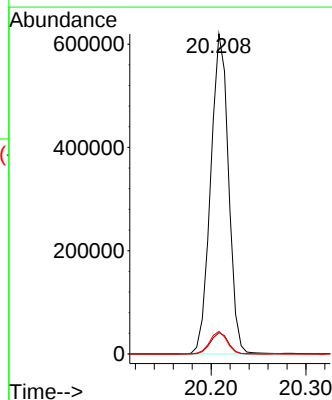
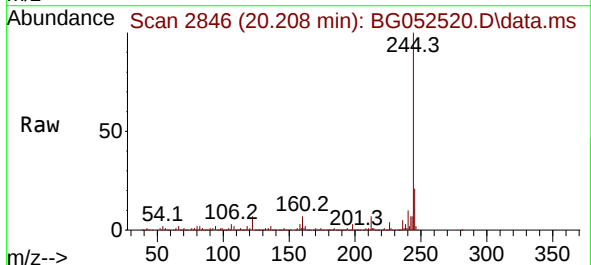
Instrument :  
BNA\_G  
ClientSampleId :  
MW-14

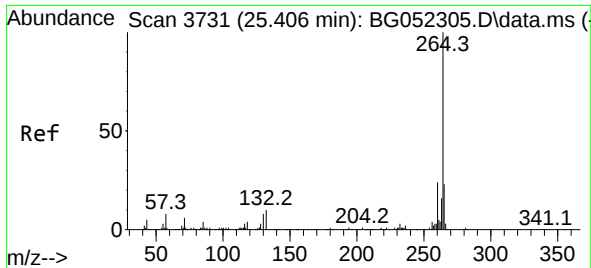
Tgt Ion:184 Resp: 11612  
Ion Ratio Lower Upper  
184 100  
185 15.5 11.8 17.8  
183 8.3 9.8 14.6#



#79  
Terphenyl-d14  
Concen: 72.491 ng  
RT: 20.208 min Scan# 2846  
Delta R.T. -0.005 min  
Lab File: BG052520.D  
Acq: 1 Mar 2022 15:43

Tgt Ion:244 Resp: 813338  
Ion Ratio Lower Upper  
244 100  
212 6.7 6.0 9.0  
122 7.0 6.2 9.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.395 min Scan# 31

Delta R.T. -0.011 min

Lab File: BG052520.D

Acq: 1 Mar 2022 15:43

Instrument :

BNA\_G

ClientSampleId :

MW-14

Tgt Ion:264 Resp: 212253

Ion Ratio Lower Upper

264 100

260 23.5 18.5 27.7

265 21.7 17.8 26.6

