

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040622\  
 Data File : BG053054.D  
 Acq On : 6 Apr 2022 14:32  
 Operator : CG/JU  
 Sample : N2269-01  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-6

Quant Time: Apr 06 15:05:28 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 06 14:35:39 2022  
 Response via : Initial Calibration

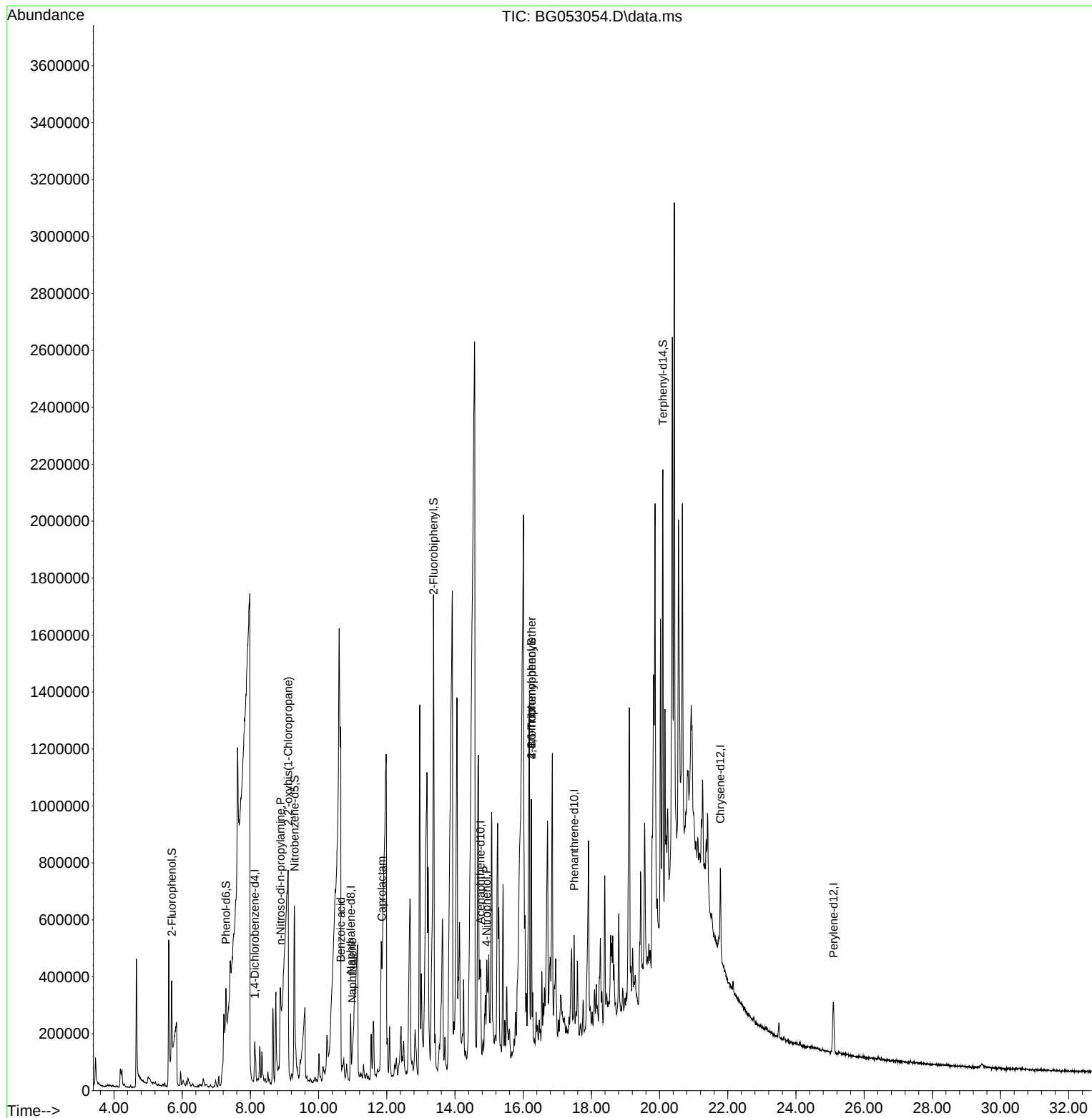
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.124  | 152  | 36022    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.944 | 136  | 148890   | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.751 | 164  | 96650    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.494 | 188  | 206622   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.782 | 240  | 194700   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.101 | 264  | 206238   | 20.000  | ng    | 0.02     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.692  | 112  | 107318   | 51.884  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.278  | 99   | 94563    | 30.324  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.293  | 82   | 293277   | 98.863  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.243 | 330  | 166285   | 128.038 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.376 | 172  | 571752   | 87.248  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.096 | 244  | 688150   | 62.872  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 16) 2,2'-oxybis(1-Chloropr... | 9.105  | 45   | 268952   | 66.437  | ng    | 75       |
| 19) n-Nitroso-di-n-propyla... | 8.882  | 70   | 50317    | 22.782  | ng    | # 53     |
| 31) Naphthalene               | 10.991 | 128  | 20741    | 2.694   | ng    | 98       |
| 32) Benzoic acid              | 10.656 | 122  | 24306    | 19.360  | ng    | 91       |
| 35) Caprolactam               | 11.855 | 113  | 2108     | 3.253   | ng    | # 1      |
| 56) 4-Nitrophenol             | 14.921 | 139  | 5129     | 4.431   | ng    | # 77     |
| 67) 4-Bromophenyl-phenylether | 16.243 | 248  | 10892    | 4.372   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

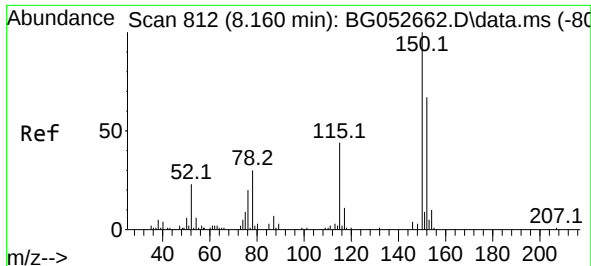
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG040622\  
Data File : BG053054.D  
Acq On : 6 Apr 2022 14:32  
Operator : CG/JU  
Sample : N2269-01  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Quant Time: Apr 06 15:05:28 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG031522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Apr 06 14:35:39 2022  
Response via : Initial Calibration

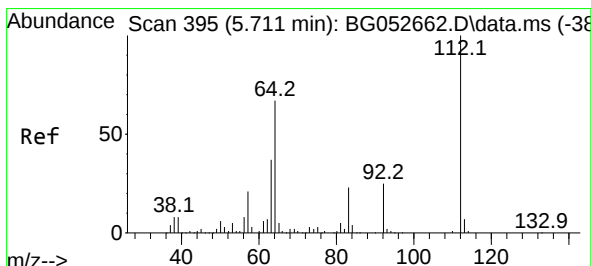
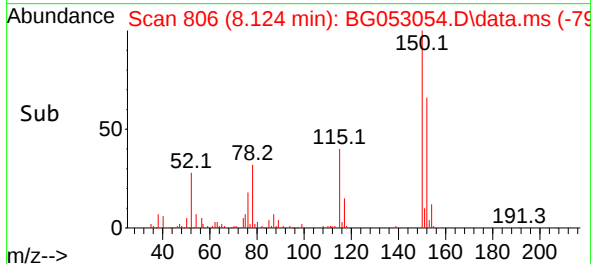
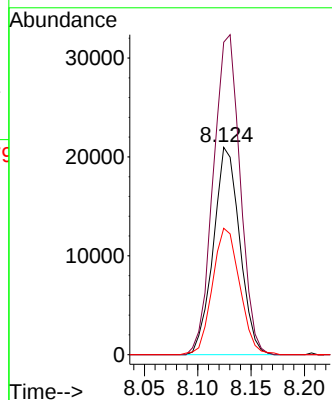
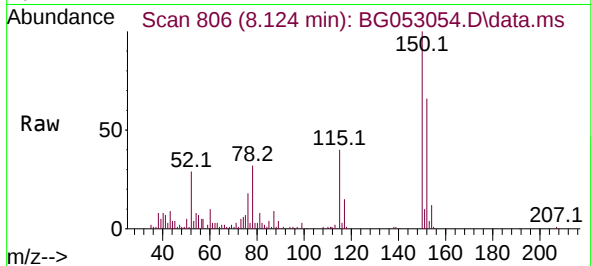




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.124 min Scan# 806  
Delta R.T. -0.004 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

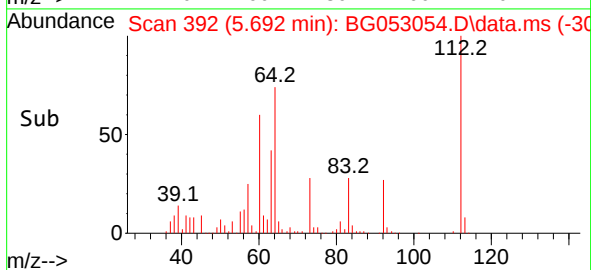
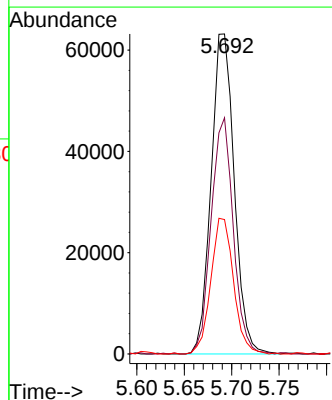
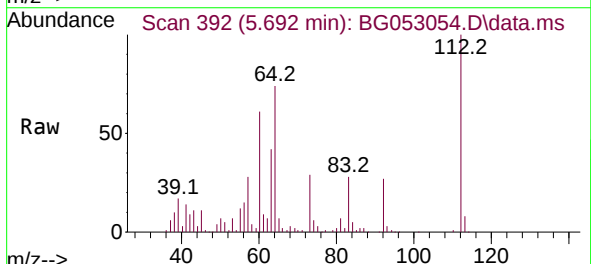
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Tgt Ion:152 Resp: 36022  
Ion Ratio Lower Upper  
152 100  
150 150.6 114.6 172.0  
115 61.0 45.9 68.9



#5  
2-Fluorophenol  
Concen: 51.884 ng  
RT: 5.692 min Scan# 392  
Delta R.T. 0.008 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:112 Resp: 107318  
Ion Ratio Lower Upper  
112 100  
64 73.8 48.0 72.0#  
63 42.0 26.5 39.7#

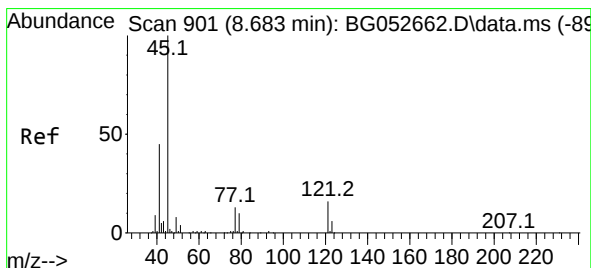
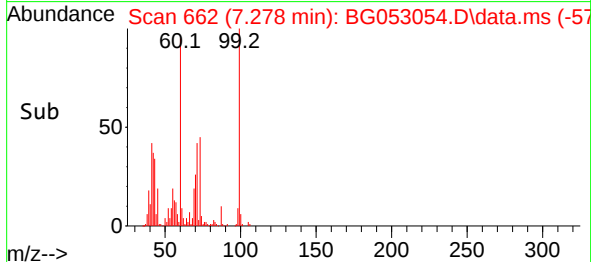
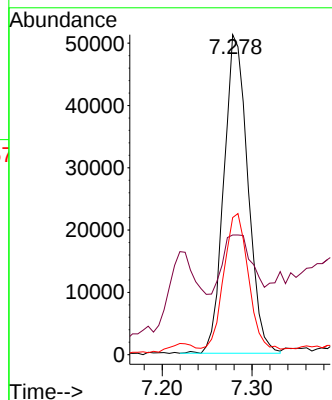
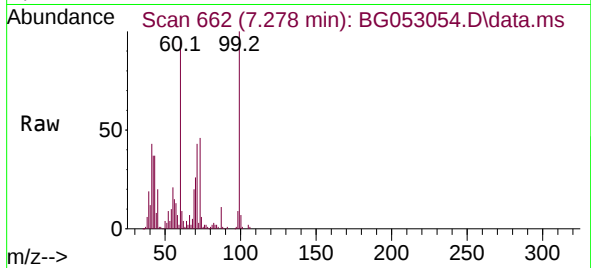




#7  
Phenol-d6  
Concen: 30.324 ng  
RT: 7.278 min Scan# 60  
Delta R.T. -0.004 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

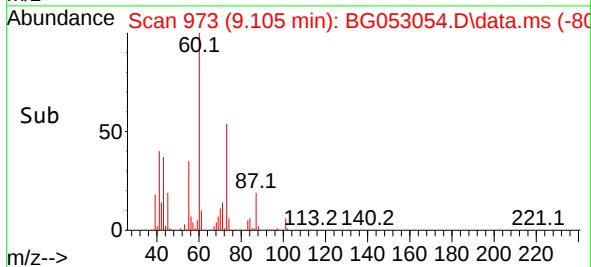
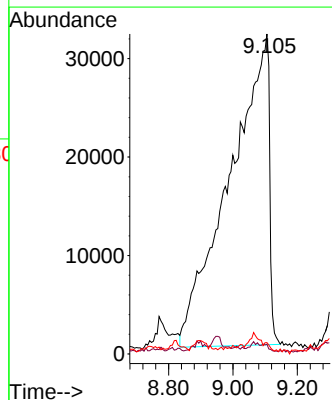
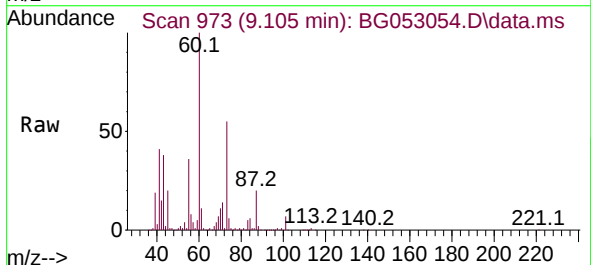
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

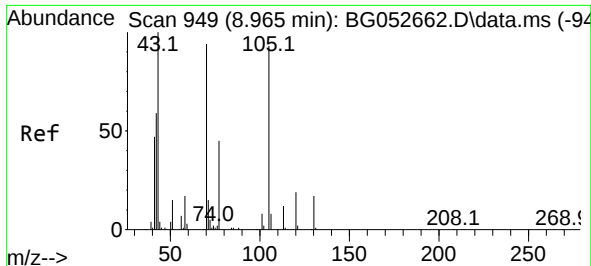
Tgt Ion: 99 Resp: 94563  
Ion Ratio Lower Upper  
99 100  
42 37.4 14.7 22.1#  
71 42.8 29.2 43.8



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 66.437 ng  
RT: 9.105 min Scan# 973  
Delta R.T. 0.455 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

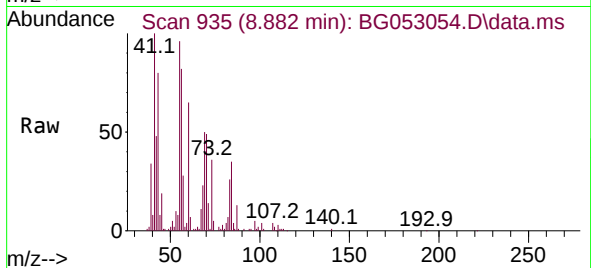
Tgt Ion: 45 Resp: 268952  
Ion Ratio Lower Upper  
45 100  
77 3.1 0.0 34.9  
79 3.6 0.0 30.7



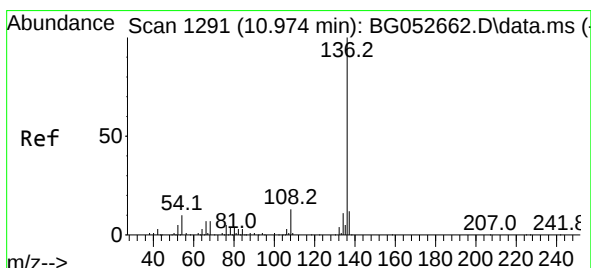
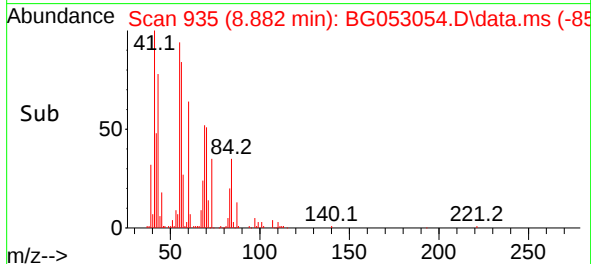
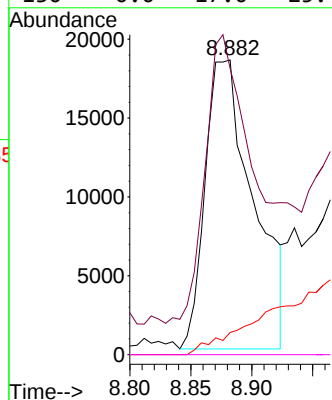


#19  
n-Nitroso-di-n-propylamine  
Concen: 22.782 ng  
RT: 8.882 min Scan# 91  
Delta R.T. -0.045 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

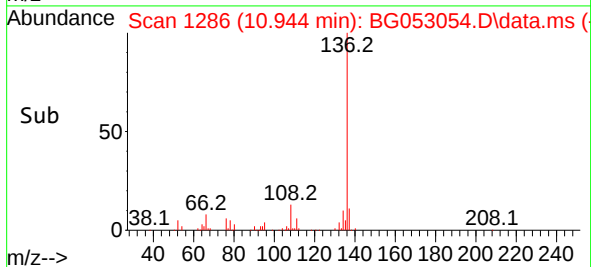
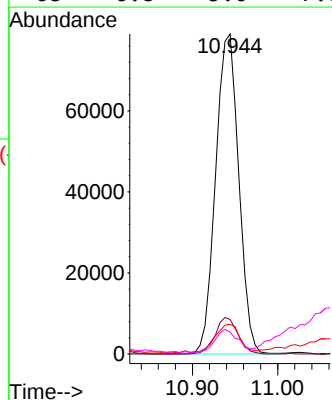
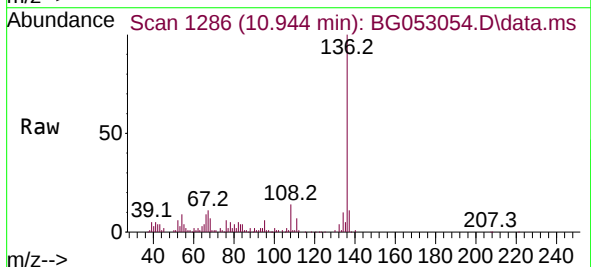


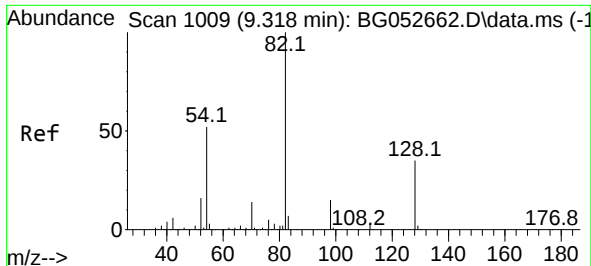
Tgt Ion: 70 Resp: 50317  
Ion Ratio Lower Upper  
70 100  
42 97.1 46.0 69.0#  
101 7.5 6.2 9.4  
130 0.0 17.0 25.4#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.944 min Scan# 1286  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:136 Resp: 148890  
Ion Ratio Lower Upper  
136 100  
137 10.7 9.4 14.2  
54 9.2 6.4 9.6  
68 6.8 5.0 7.6

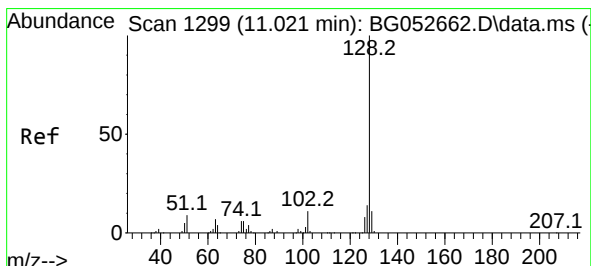
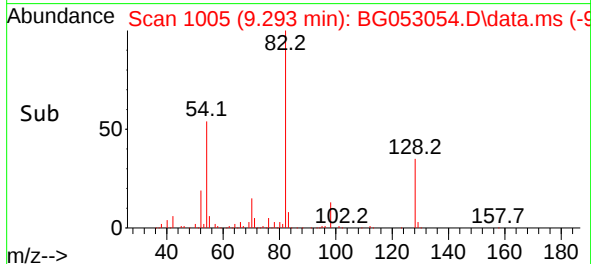
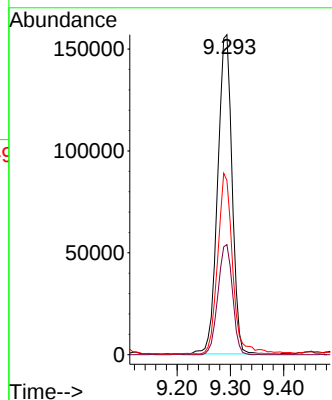
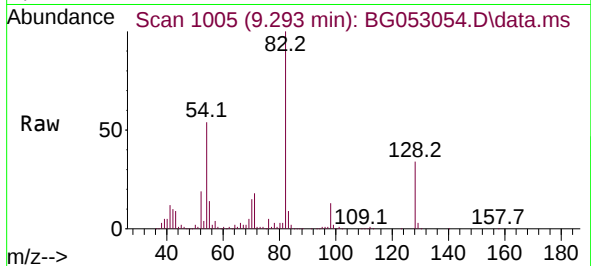




#23  
Nitrobenzene-d5  
Concen: 98.863 ng  
RT: 9.293 min Scan# 1005  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

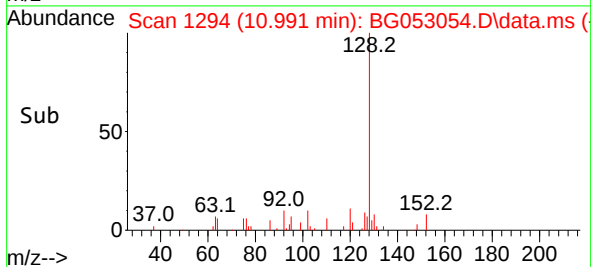
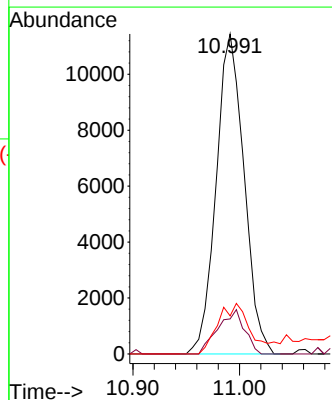
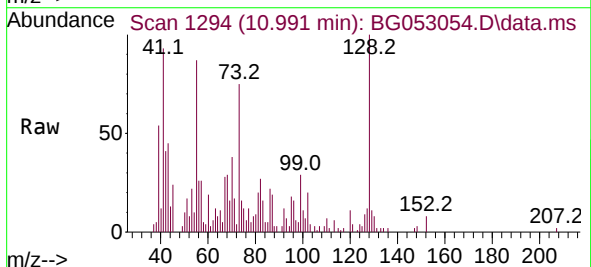
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

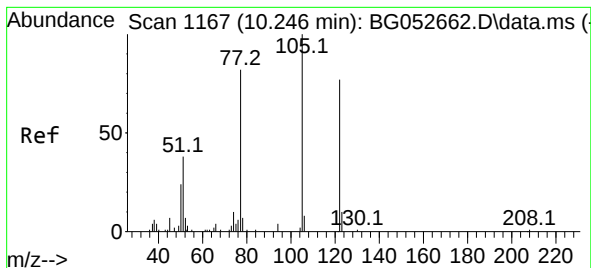
Tgt Ion: 82 Resp: 293277  
Ion Ratio Lower Upper  
82 100  
128 34.4 31.3 46.9  
54 54.5 37.8 56.8



#31  
Naphthalene  
Concen: 2.694 ng  
RT: 10.991 min Scan# 1294  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion: 128 Resp: 20741  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.8 13.2  
127 11.9 10.5 15.7





#32

Benzoic acid

Concen: 19.360 ng

RT: 10.656 min Scan# 1167

Delta R.T. 0.419 min

Lab File: BG053054.D

Acq: 6 Apr 2022 14:32

Instrument :

BNA\_G

ClientSampleId :

TP-6

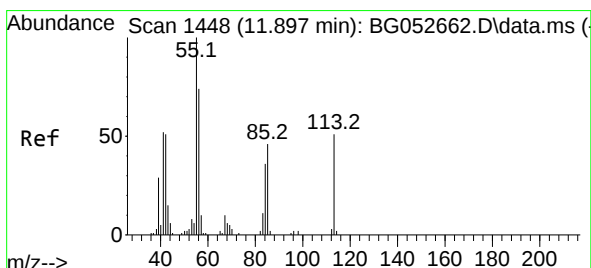
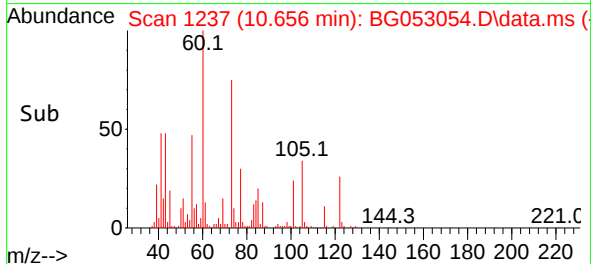
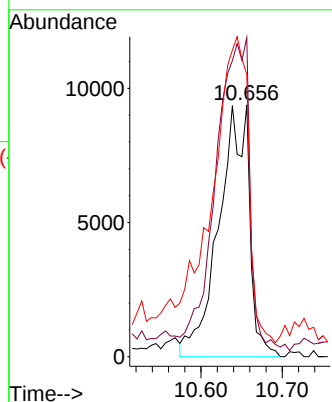
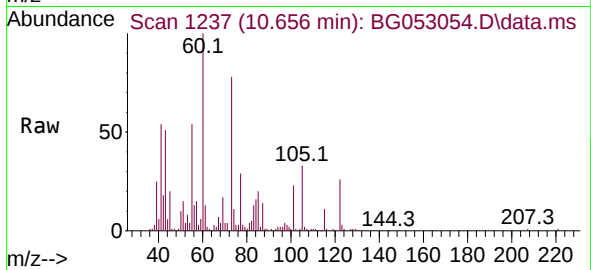
Tgt Ion:122 Resp: 24306

Ion Ratio Lower Upper

122 100

105 126.6 112.8 152.8

77 112.2 78.4 118.4



#35

Caprolactam

Concen: 3.253 ng

RT: 11.855 min Scan# 1441

Delta R.T. -0.004 min

Lab File: BG053054.D

Acq: 6 Apr 2022 14:32

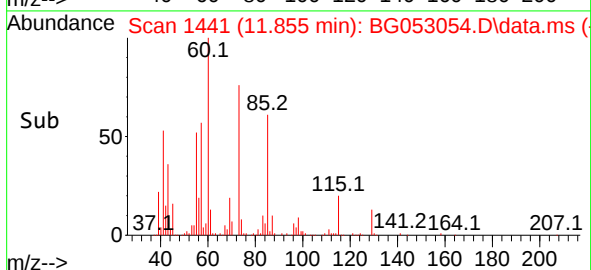
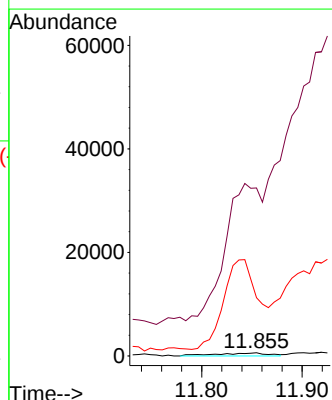
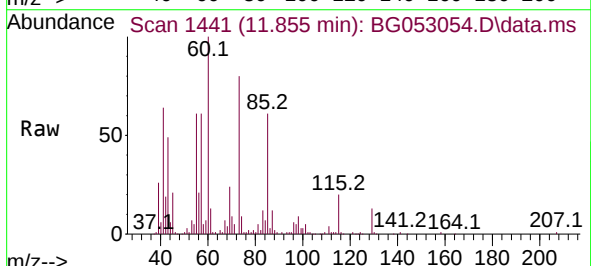
Tgt Ion:113 Resp: 2108

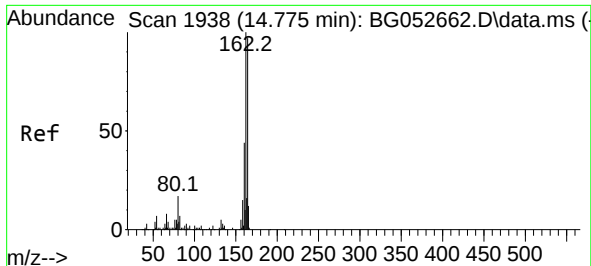
Ion Ratio Lower Upper

113 100

55 5372.2 151.3 191.3#

56 1860.8 128.5 168.5#

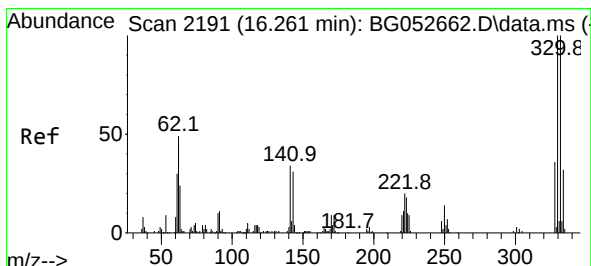
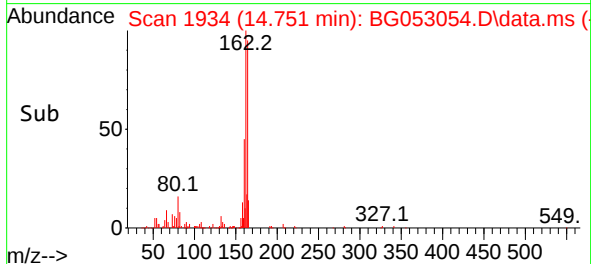
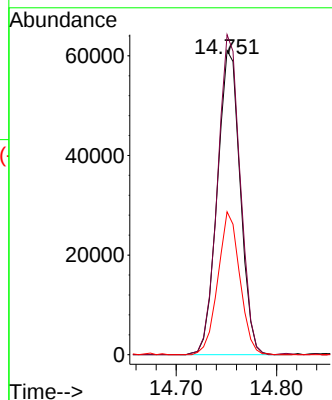
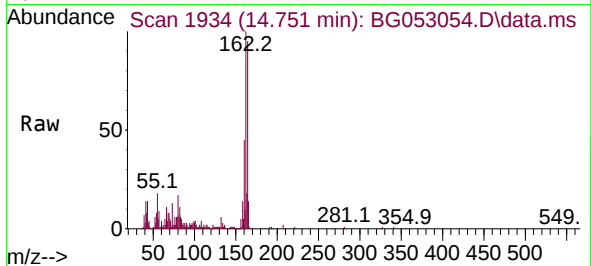




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.751 min Scan# 1934  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

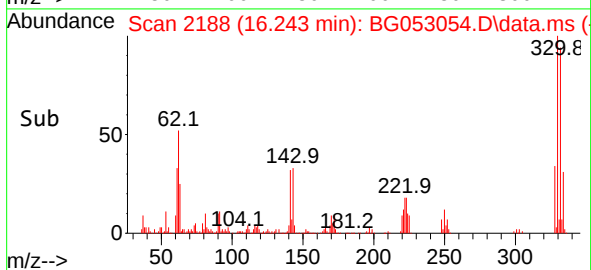
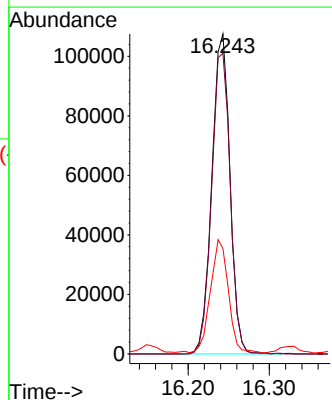
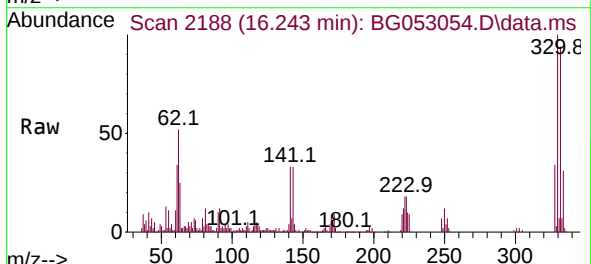
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

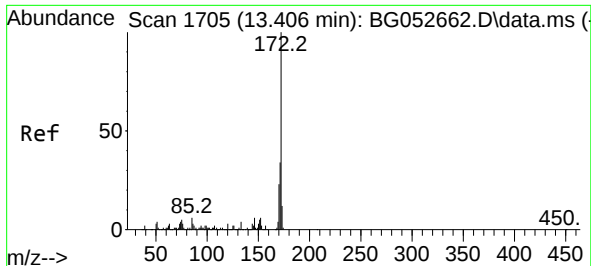
Tgt Ion:164 Resp: 96650  
Ion Ratio Lower Upper  
164 100  
162 105.2 80.0 120.0  
160 47.0 38.8 58.2



#42  
2,4,6-Tribromophenol  
Concen: 128.038 ng  
RT: 16.243 min Scan# 2188  
Delta R.T. 0.008 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:330 Resp: 166285  
Ion Ratio Lower Upper  
330 100  
332 96.4 75.8 113.6  
141 35.3 24.6 36.8

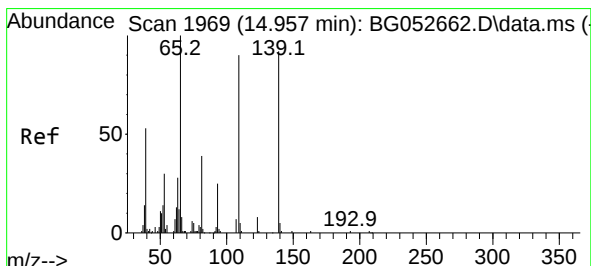
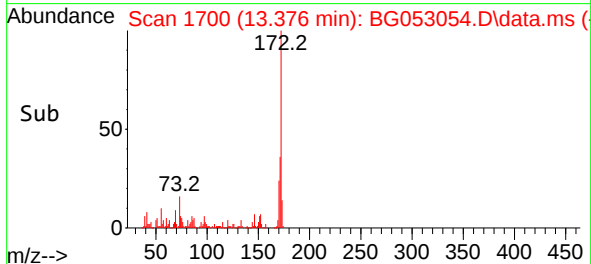
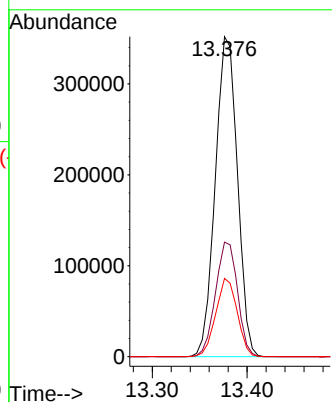
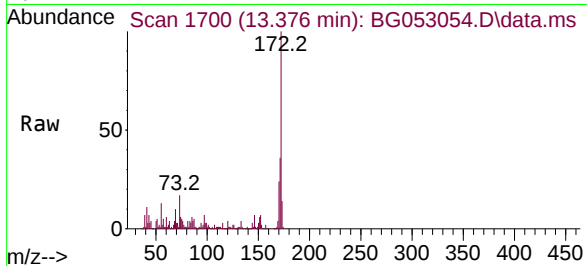




#45  
2-Fluorobiphenyl  
Concen: 87.248 ng  
RT: 13.376 min Scan# 1  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

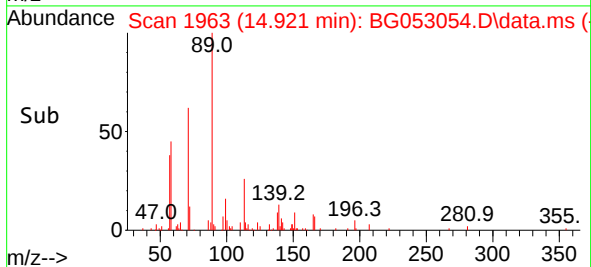
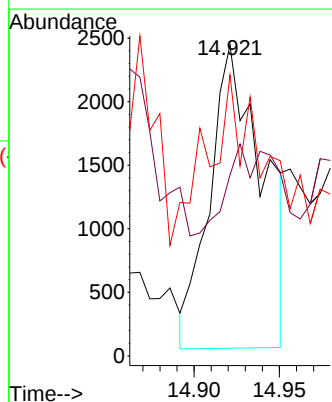
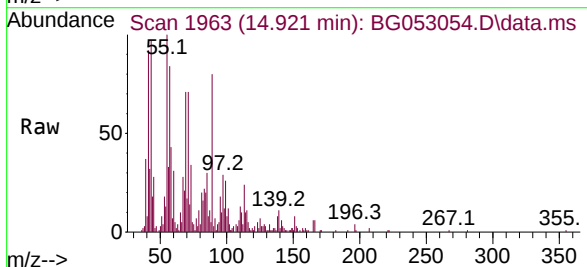
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

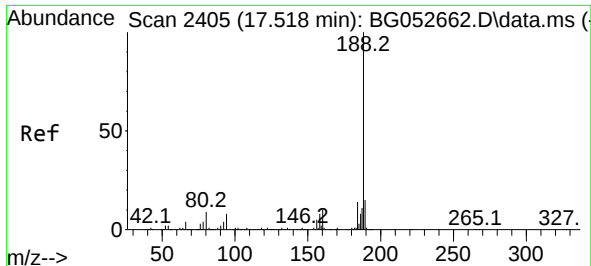
Tgt Ion:172 Resp: 571752  
Ion Ratio Lower Upper  
172 100  
171 35.8 28.3 42.5  
170 24.4 18.0 27.0



#56  
4-Nitrophenol  
Concen: 4.431 ng  
RT: 14.921 min Scan# 1963  
Delta R.T. -0.021 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:139 Resp: 5129  
Ion Ratio Lower Upper  
139 100  
109 58.1 67.1 107.1#  
65 90.3 88.2 128.2

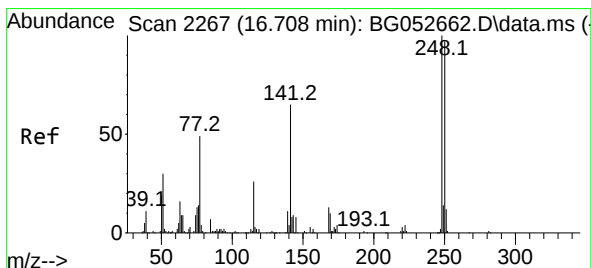
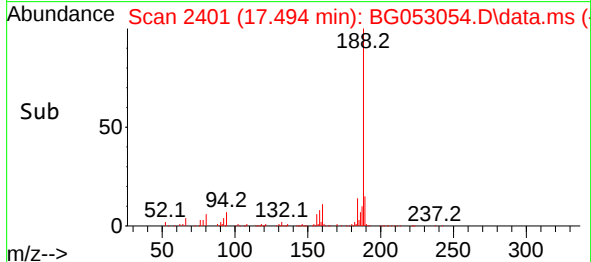
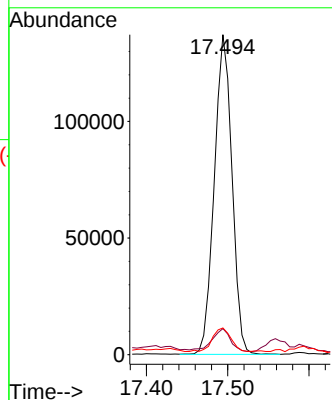
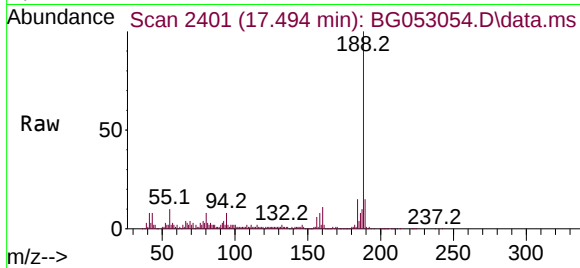




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.494 min Scan# 2405  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

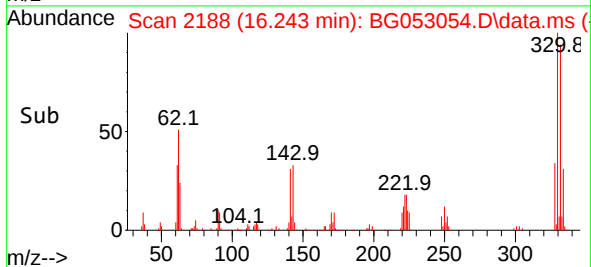
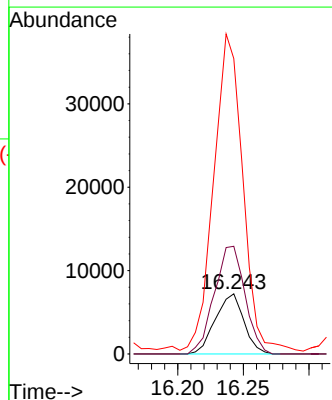
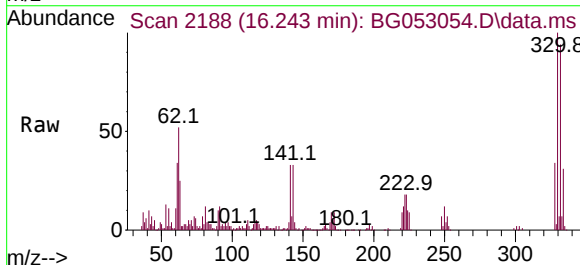
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

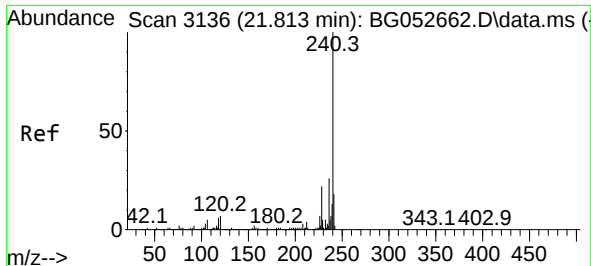
Tgt Ion:188 Resp: 206622  
Ion Ratio Lower Upper  
188 100  
94 8.2 5.7 8.5  
80 8.4 7.2 10.8



#67  
4-Bromophenyl-phenylether  
Concen: 4.372 ng  
RT: 16.243 min Scan# 2188  
Delta R.T. -0.432 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:248 Resp: 10892  
Ion Ratio Lower Upper  
248 100  
250 178.7 77.9 116.9#  
141 490.5 49.2 73.8#

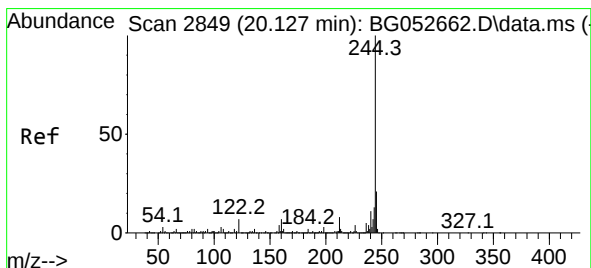
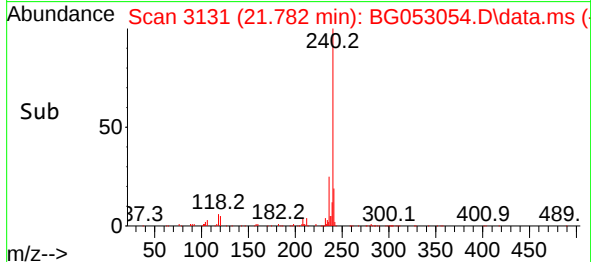
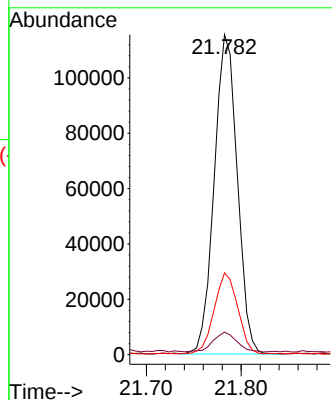
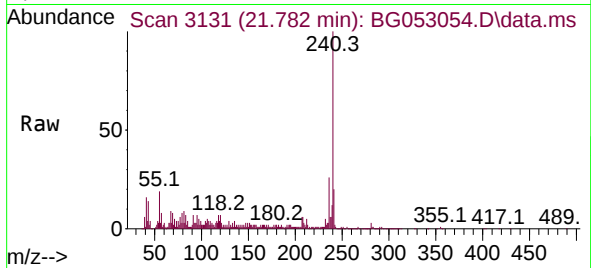




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.782 min Scan# 3136  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

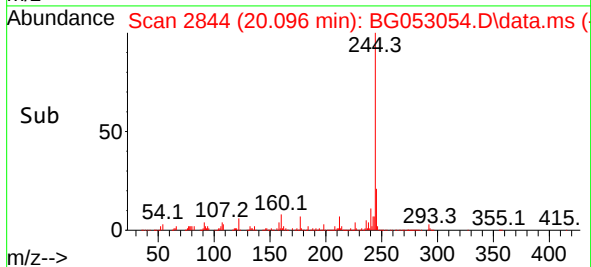
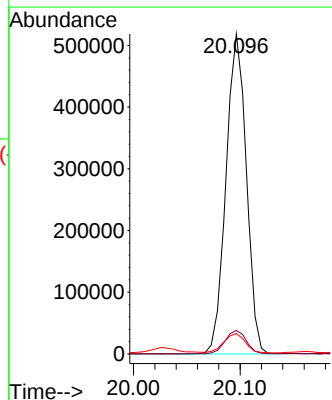
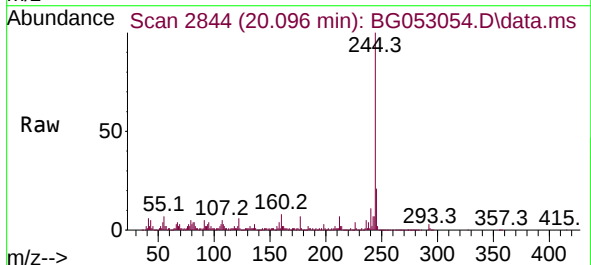
Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

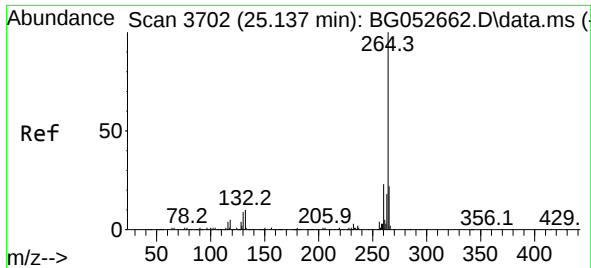
Tgt Ion:240 Resp: 194700  
Ion Ratio Lower Upper  
240 100  
120 7.1 5.4 8.0  
236 25.6 19.8 29.6



#79  
Terphenyl-d14  
Concen: 62.872 ng  
RT: 20.096 min Scan# 2844  
Delta R.T. 0.002 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Tgt Ion:244 Resp: 688150  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.4 8.2  
122 6.4 5.8 8.6





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 25.101 min Scan# 30  
Delta R.T. 0.020 min  
Lab File: BG053054.D  
Acq: 6 Apr 2022 14:32

Instrument :  
BNA\_G  
ClientSampleId :  
TP-6

Tgt Ion:264 Resp: 206238  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.0  | 18.2  | 27.2  |
| 265 | 20.9  | 15.1  | 22.7  |

