

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG051322\  
 Data File : BG053543.D  
 Acq On : 13 May 2022 15:04  
 Operator : CG/JU  
 Sample : PB144735BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144735BL

Quant Time: May 14 03:13:35 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 11 06:00:46 2022  
 Response via : Initial Calibration

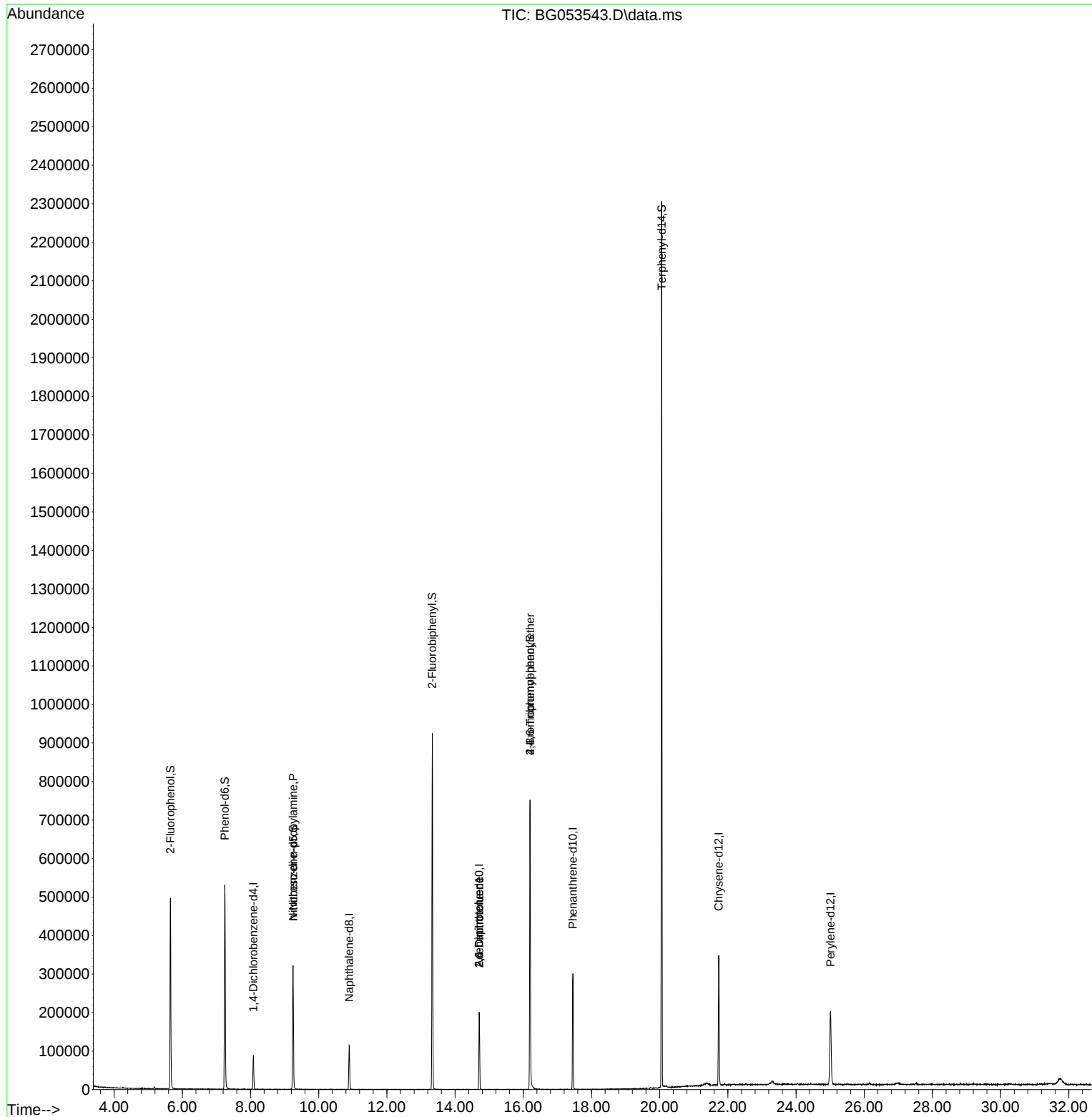
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 8.087  | 152  | 24626    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.895 | 136  | 98852    | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.708 | 164  | 78532    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.457 | 188  | 202046   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.733 | 240  | 219909   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 25.011 | 264  | 220074   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.655  | 112  | 206221   | 142.120 | ng    | 0.00     |
| 7) Phenol-d6                  | 7.247  | 99   | 303646   | 137.885 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.250  | 82   | 213685   | 92.019  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.200 | 330  | 157237   | 135.753 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.333 | 172  | 490259   | 91.225  | ng    | 0.00     |
| 79) Terphenyl-d14             | 20.059 | 244  | 1111706  | 94.153  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
| 19) n-Nitroso-di-n-propyla... | 9.250  | 70   | 30739    | 19.455  | ng    | # 74     |
| 51) 2,6-Dinitrotoluene        | 14.708 | 165  | 10502    | 8.638   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.708 | 165  | 10502    | 5.959   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 16.200 | 248  | 9964     | 4.223   | ng    | # 1      |
| -----                         |        |      |          |         |       |          |

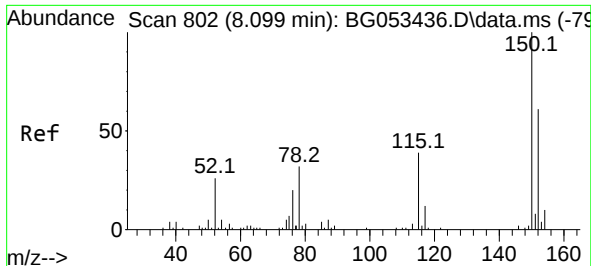
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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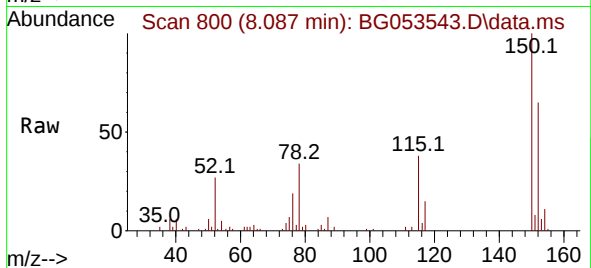
Quant Time: May 14 03:13:35 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG050522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 11 06:00:46 2022  
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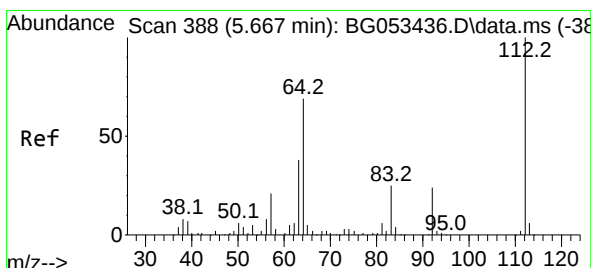
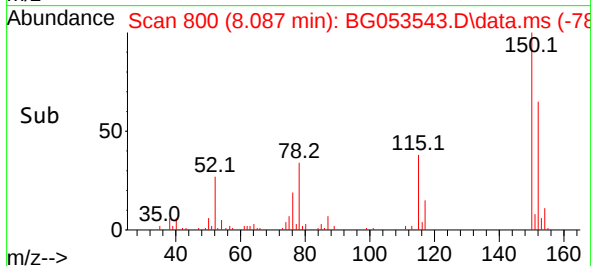
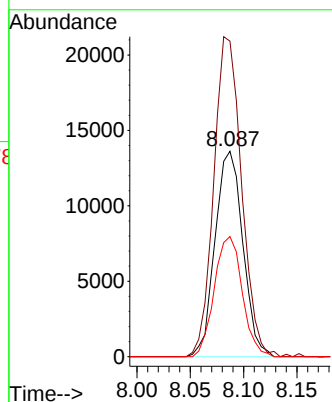


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.087 min Scan# 80  
Delta R.T. -0.002 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Instrument :  
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ClientSampleId :  
PB144735BL

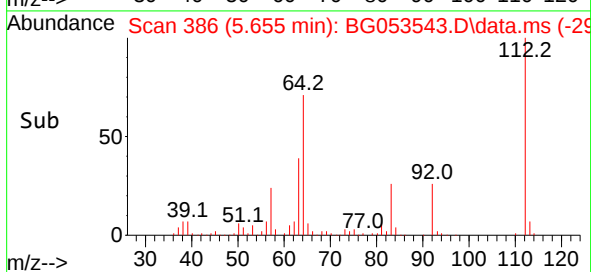
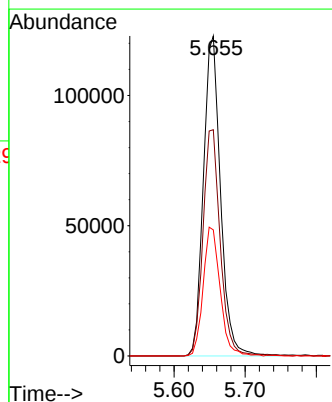
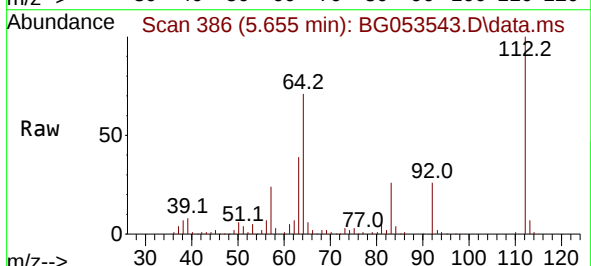


Tgt Ion:152 Resp: 24626  
Ion Ratio Lower Upper  
152 100  
150 153.6 131.6 197.4  
115 58.5 50.9 76.3



#5  
2-Fluorophenol  
Concen: 142.120 ng  
RT: 5.655 min Scan# 386  
Delta R.T. 0.004 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Tgt Ion:112 Resp: 206221  
Ion Ratio Lower Upper  
112 100  
64 70.7 55.1 82.7  
63 39.4 30.4 45.6

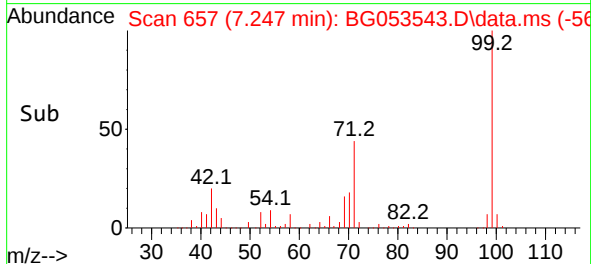
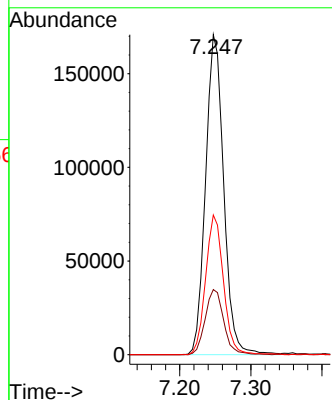
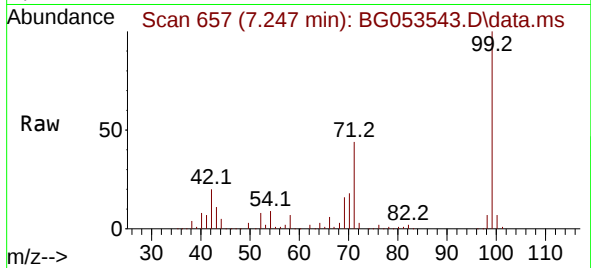




#7  
Phenol-d6  
Concen: 137.885 ng  
RT: 7.247 min Scan# 61  
Delta R.T. -0.002 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

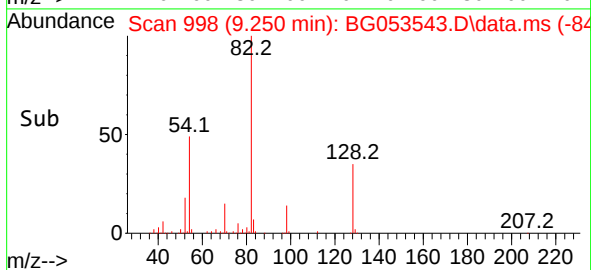
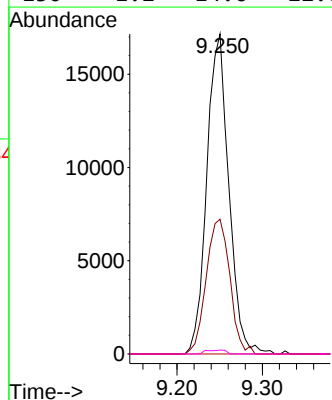
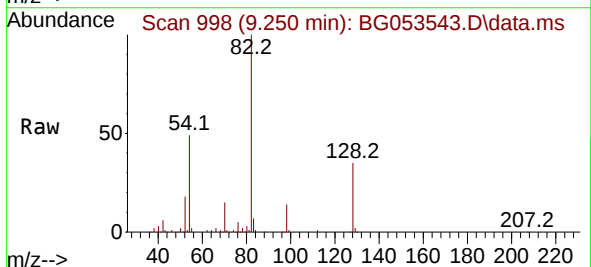
Instrument :  
BNA\_G  
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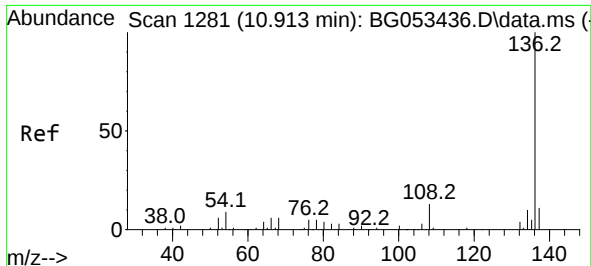
Tgt Ion: 99 Resp: 303646  
Ion Ratio Lower Upper  
99 100  
42 20.4 17.0 25.6  
71 43.7 33.8 50.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 19.455 ng  
RT: 9.250 min Scan# 998  
Delta R.T. 0.362 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Tgt Ion: 70 Resp: 30739  
Ion Ratio Lower Upper  
70 100  
42 42.1 47.3 70.9#  
101 0.0 7.0 10.4#  
130 1.2 14.6 22.0#





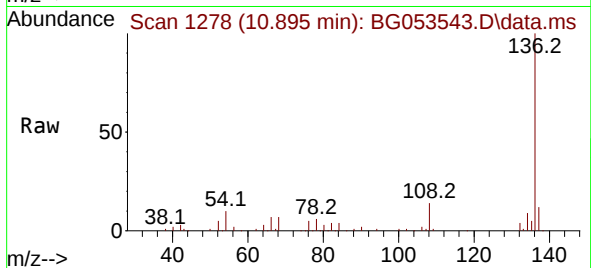
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.895 min Scan# 11  
Delta R.T. -0.002 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Instrument :

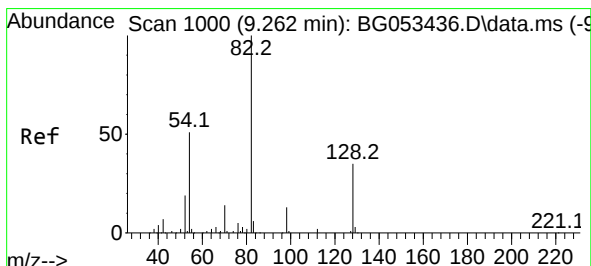
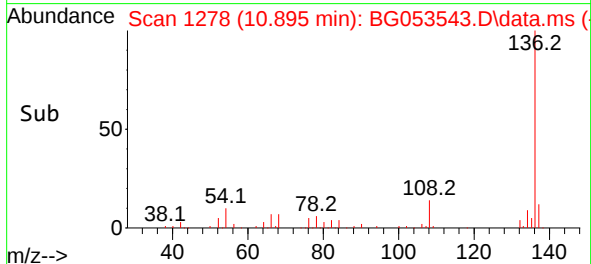
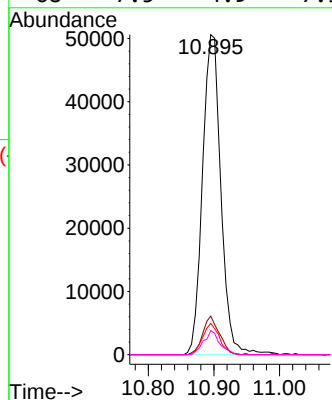
BNA\_G

ClientSampleId :

PB144735BL

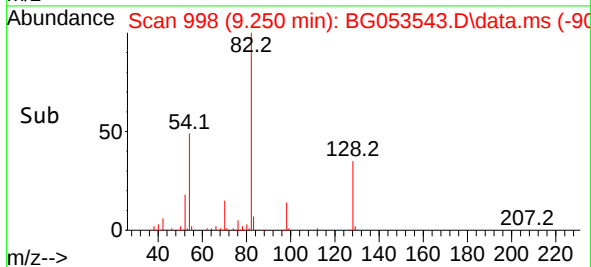
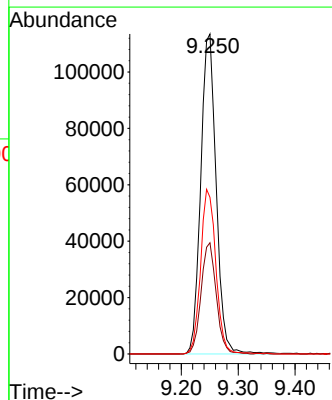
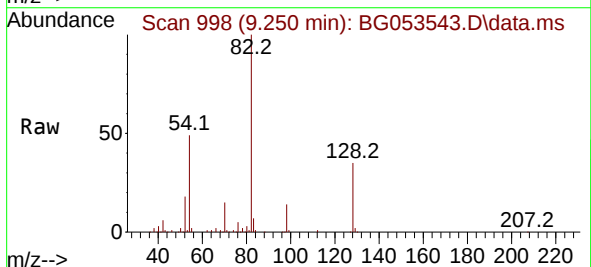


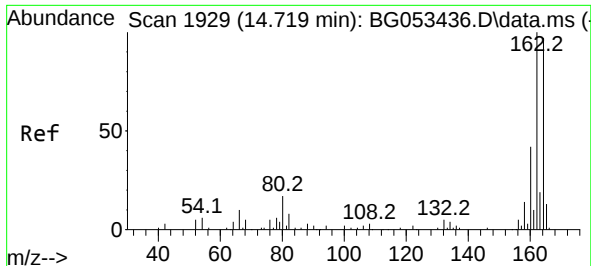
Tgt Ion:136 Resp: 98852  
Ion Ratio Lower Upper  
136 100  
137 12.1 8.5 12.7  
54 9.8 7.4 11.2  
68 7.5 4.9 7.3#



#23  
Nitrobenzene-d5  
Concen: 92.019 ng  
RT: 9.250 min Scan# 998  
Delta R.T. -0.002 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Tgt Ion: 82 Resp: 213685  
Ion Ratio Lower Upper  
82 100  
128 34.7 27.9 41.9  
54 48.9 41.2 61.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.708 min Scan# 1927

Delta R.T. -0.008 min

Lab File: BG053543.D

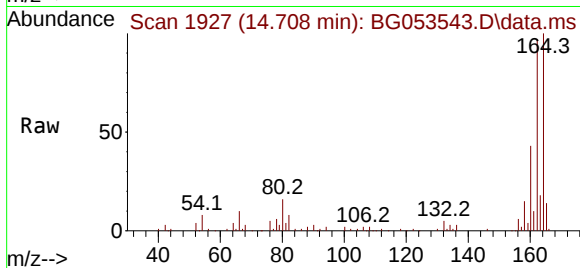
Acq: 13 May 2022 15:04

Instrument :

BNA\_G

ClientSampleId :

PB144735BL



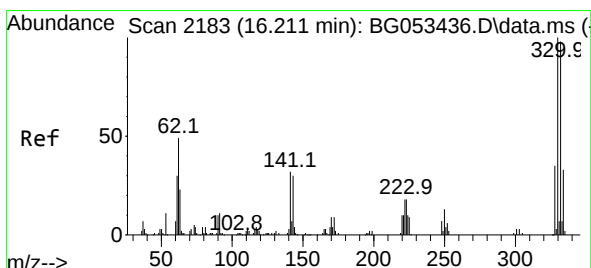
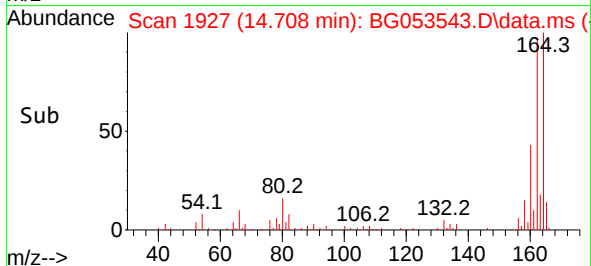
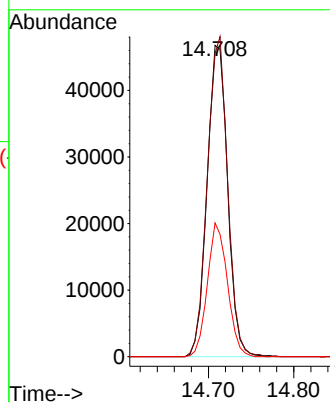
Tgt Ion:164 Resp: 78532

Ion Ratio Lower Upper

164 100

162 97.4 82.3 123.5

160 42.9 34.2 51.2



#42

2,4,6-Tribromophenol

Concen: 135.753 ng

RT: 16.200 min Scan# 2181

Delta R.T. -0.002 min

Lab File: BG053543.D

Acq: 13 May 2022 15:04

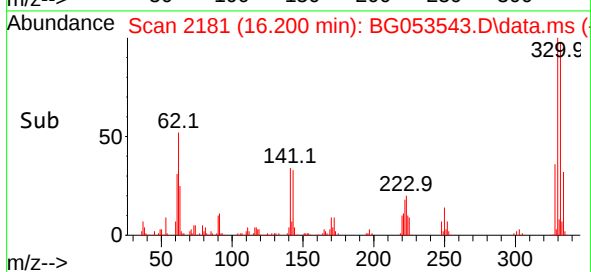
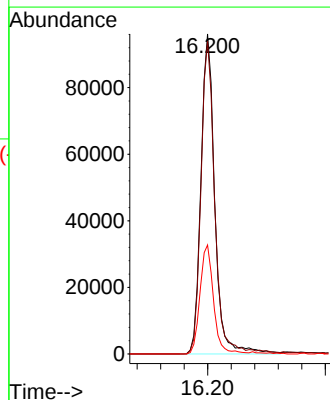
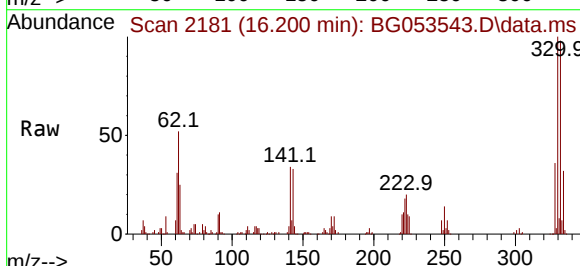
Tgt Ion:330 Resp: 157237

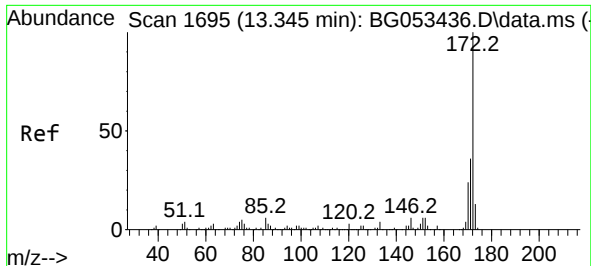
Ion Ratio Lower Upper

330 100

332 97.4 76.0 114.0

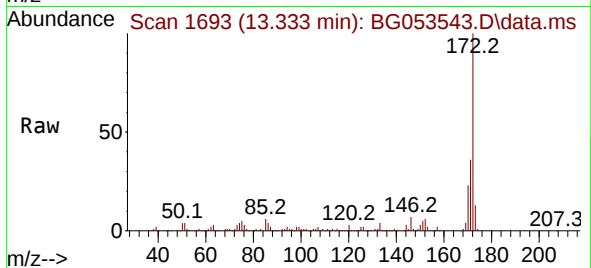
141 33.3 27.1 40.7



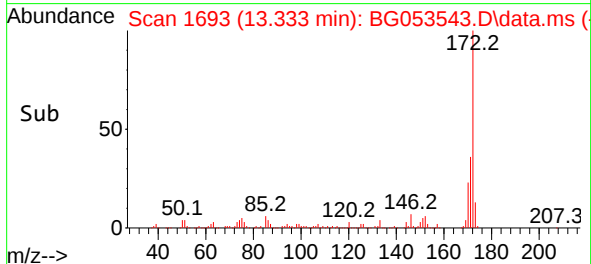
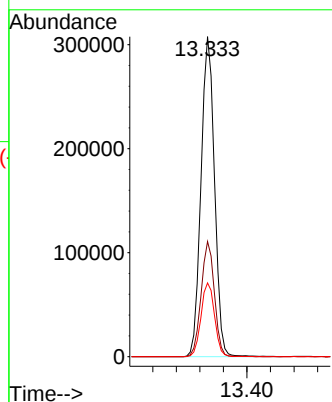


#45  
2-Fluorobiphenyl  
Concen: 91.225 ng  
RT: 13.333 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Instrument :  
BNA\_G  
ClientSampleId :  
PB144735BL

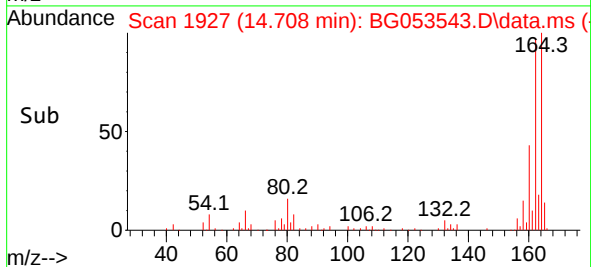
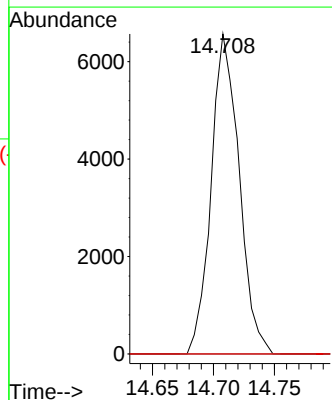
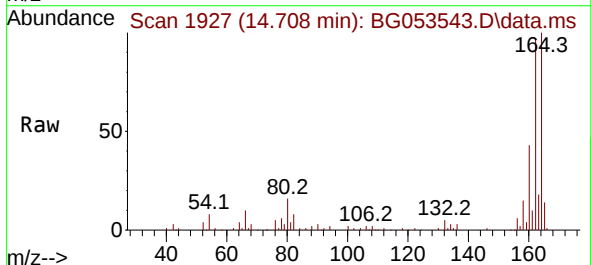


Tgt Ion:172 Resp: 490259  
Ion Ratio Lower Upper  
172 100  
171 36.0 28.5 42.7  
170 23.1 18.9 28.3



#51  
2,6-Dinitrotoluene  
Concen: 8.638 ng  
RT: 14.708 min Scan# 1927  
Delta R.T. 0.427 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Tgt Ion:165 Resp: 10502  
Ion Ratio Lower Upper  
165 100  
63 0.0 54.1 81.1#  
89 0.0 54.8 82.2#





#57

2,4-Dinitrotoluene

Concen: 5.959 ng

RT: 14.708 min Scan# 1991

Delta R.T. -0.366 min

Lab File: BG053543.D

Acq: 13 May 2022 15:04

Instrument :

BNA\_G

ClientSampleId :

PB144735BL

Tgt Ion:165 Resp: 10502

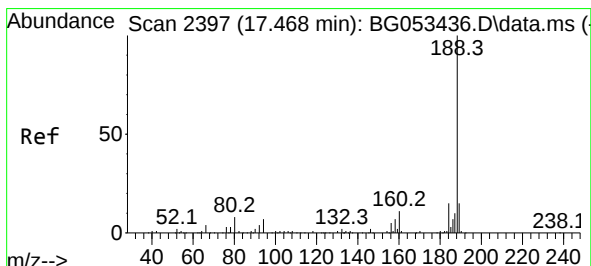
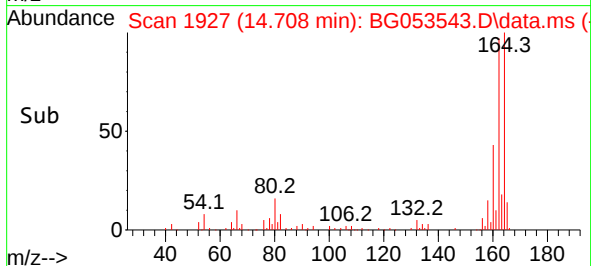
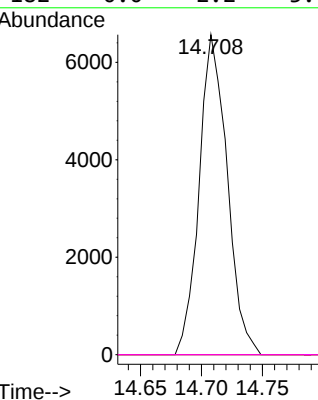
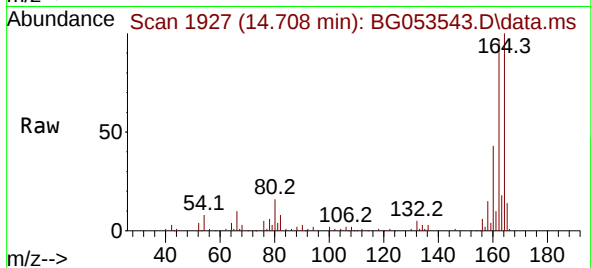
Ion Ratio Lower Upper

165 100

63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.457 min Scan# 2395

Delta R.T. -0.002 min

Lab File: BG053543.D

Acq: 13 May 2022 15:04

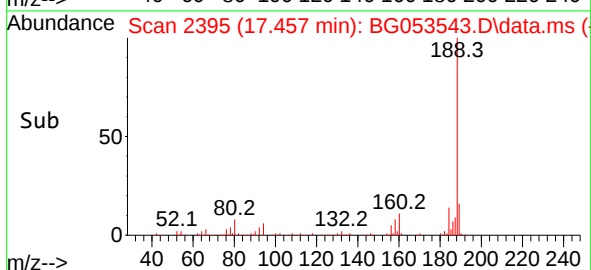
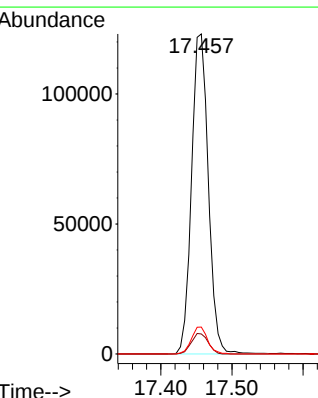
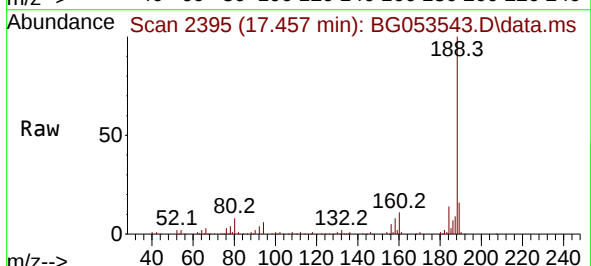
Tgt Ion:188 Resp: 202046

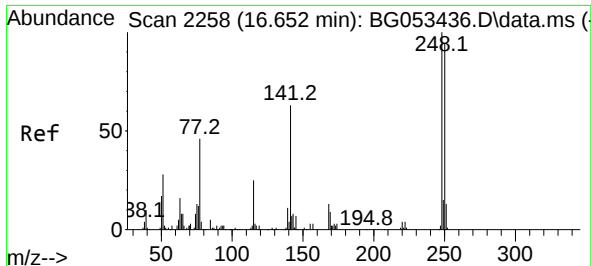
Ion Ratio Lower Upper

188 100

94 6.3 5.4 8.0

80 8.4 6.8 10.2

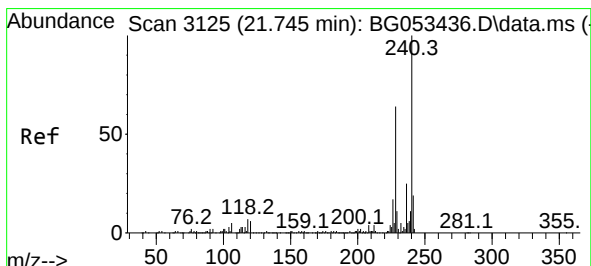
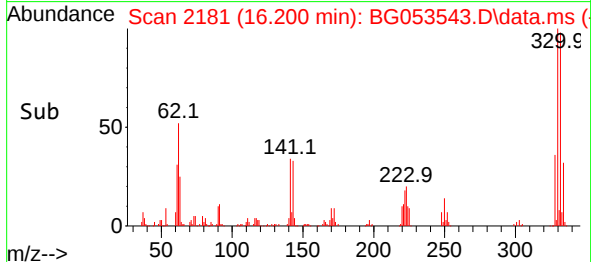
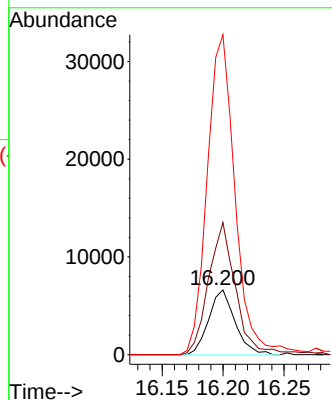
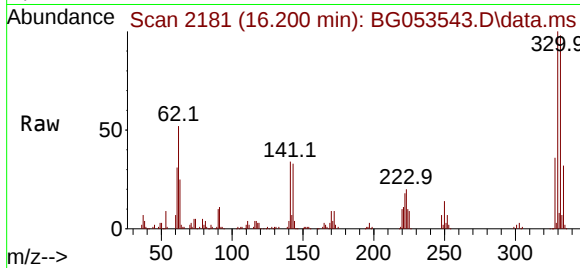




#67  
4-Bromophenyl-phenylether  
Concen: 4.223 ng  
RT: 16.200 min Scan# 2118  
Delta R.T. -0.443 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

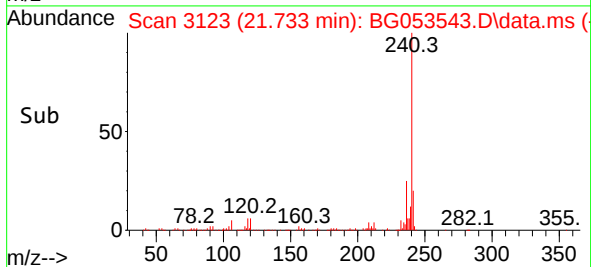
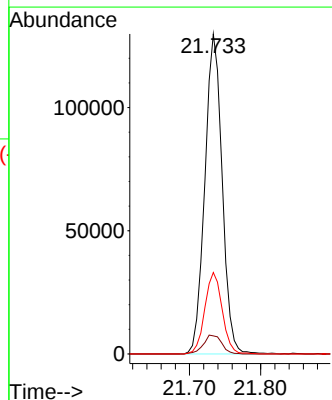
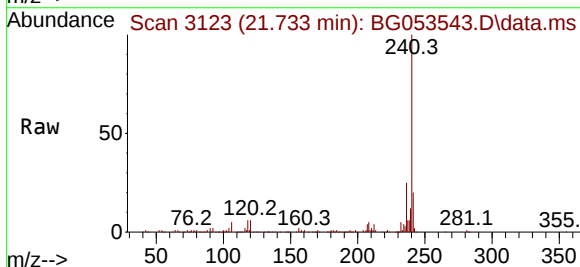
Instrument :  
BNA\_G  
ClientSampleId :  
PB144735BL

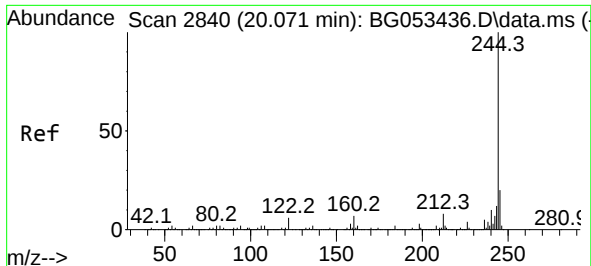
Tgt Ion:248 Resp: 9964  
Ion Ratio Lower Upper  
248 100  
250 203.8 75.2 112.8#  
141 493.4 50.0 75.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.733 min Scan# 3123  
Delta R.T. -0.008 min  
Lab File: BG053543.D  
Acq: 13 May 2022 15:04

Tgt Ion:240 Resp: 219909  
Ion Ratio Lower Upper  
240 100  
120 5.6 4.6 7.0  
236 25.4 20.2 30.4

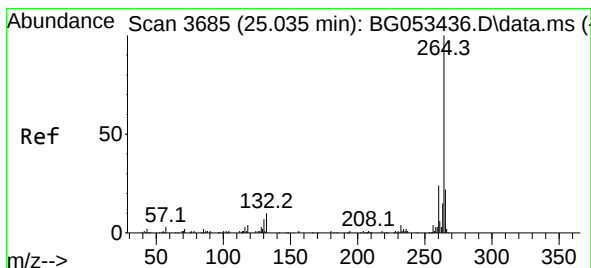
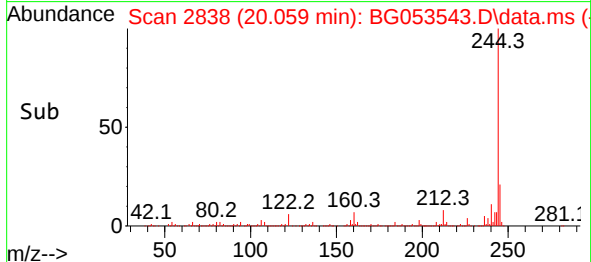
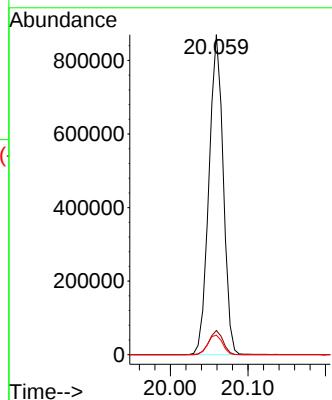
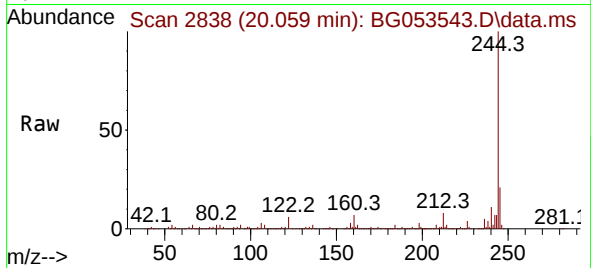




#79  
 Terphenyl-d14  
 Concen: 94.153 ng  
 RT: 20.059 min Scan# 211  
 Delta R.T. -0.002 min  
 Lab File: BG053543.D  
 Acq: 13 May 2022 15:04

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB144735BL

Tgt Ion:244 Resp: 1111706  
 Ion Ratio Lower Upper  
 244 100  
 212 7.5 6.5 9.7  
 122 6.1 5.0 7.4



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 25.011 min Scan# 3681  
 Delta R.T. -0.008 min  
 Lab File: BG053543.D  
 Acq: 13 May 2022 15:04

Tgt Ion:264 Resp: 220074  
 Ion Ratio Lower Upper  
 264 100  
 260 23.5 19.0 28.6  
 265 21.9 17.4 26.2

