

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG080922\  
 Data File : BG054565.D  
 Acq On : 9 Aug 2022 11:22  
 Operator : CG/JU  
 Sample : PB146732TB  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146732TB

Quant Time: Aug 09 17:15:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Aug 08 14:48:51 2022  
 Response via : Initial Calibration

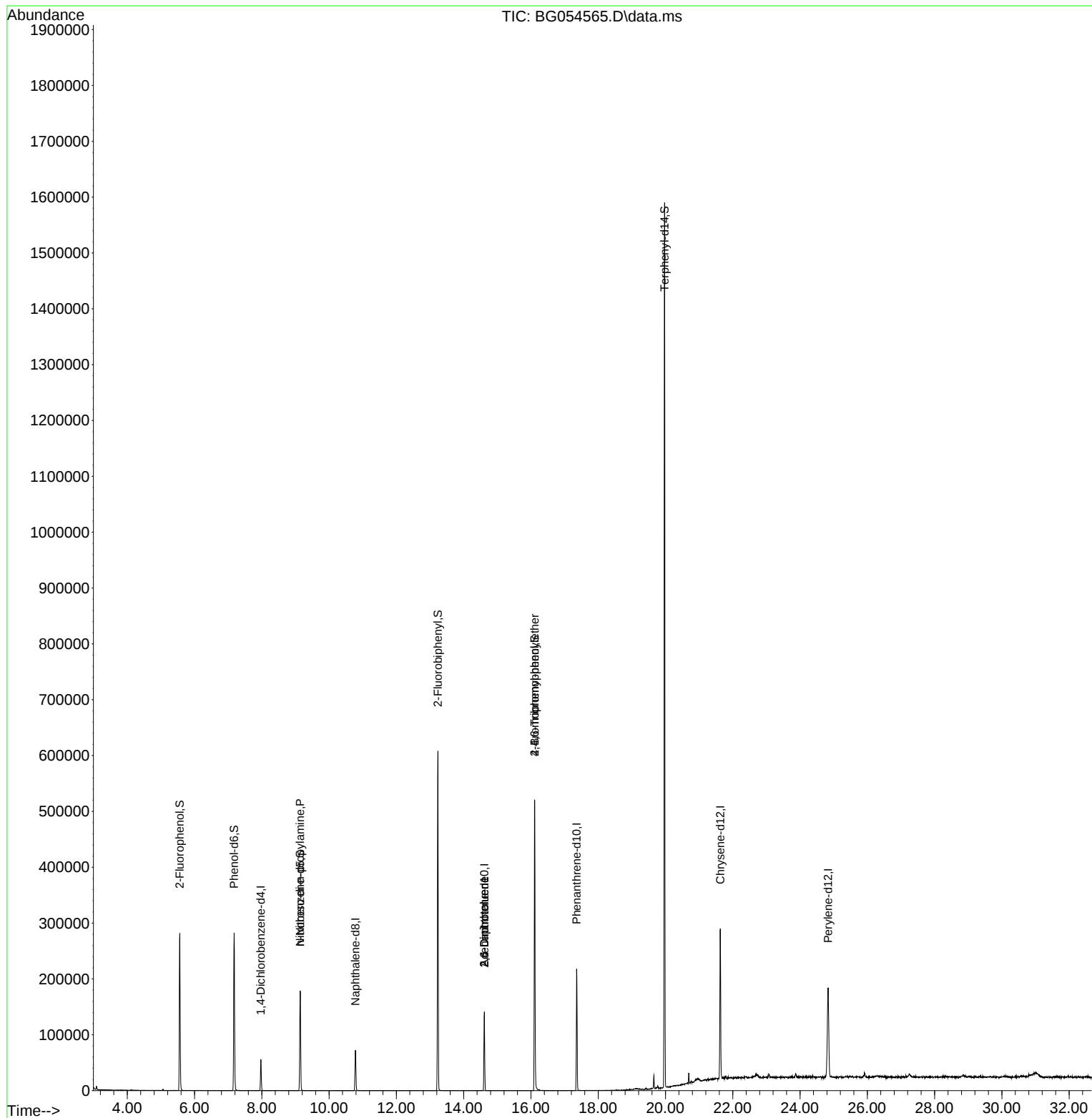
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.970  | 152  | 17534    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.784 | 136  | 69532    | 20.000    | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 14.615 | 164  | 55946    | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.359 | 188  | 159905   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 21.631 | 240  | 191027   | 20.000    | ng    | # 0.00   |
| 86) Perylene-d12              | 24.833 | 264  | 195320   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.561  | 112  | 128520   | 153.037   | ng    | 0.00     |
| 7) Phenol-d6                  | 7.177  | 99   | 164196   | 142.689   | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.139  | 82   | 114427   | 89.619    | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.113 | 330  | 144670   | 123.159   | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.235 | 172  | 349898   | 88.228    | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.974 | 244  | 926130   | 96.178    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 7.165  | 77   | 67       | Below Cal | #     | 10       |
| 19) n-Nitroso-di-n-propyla... | 9.139  | 70   | 16098    | 20.949    | ng    | # 78     |
| 51) 2,6-Dinitrotoluene        | 14.615 | 165  | 7691     | 8.024     | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.615 | 165  | 7691     | 5.597     | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 16.113 | 248  | 8757     | 3.899     | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

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

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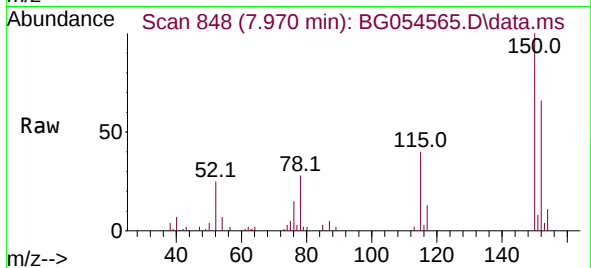
Quant Time: Aug 09 17:15:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_G\Methods\8270-BG071522.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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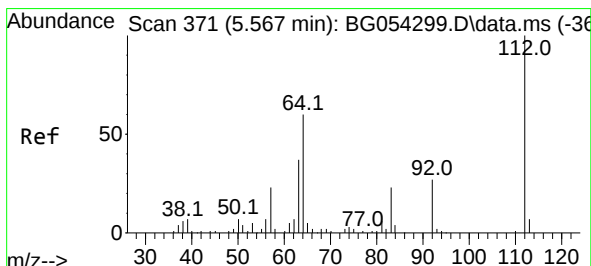
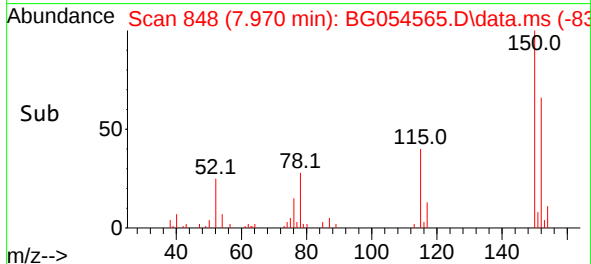
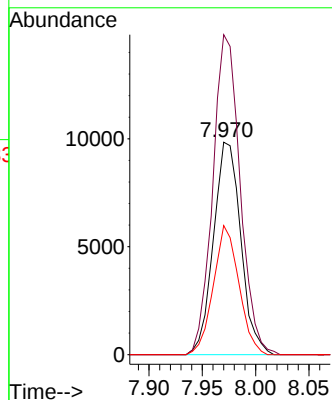


#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.970 min Scan# 84  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB146732TB

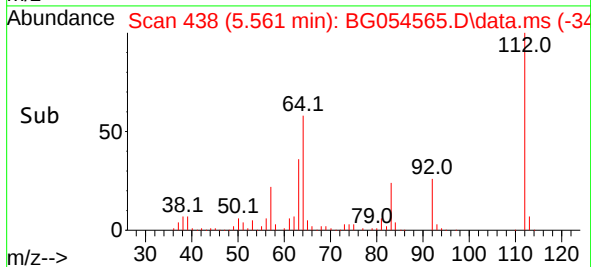
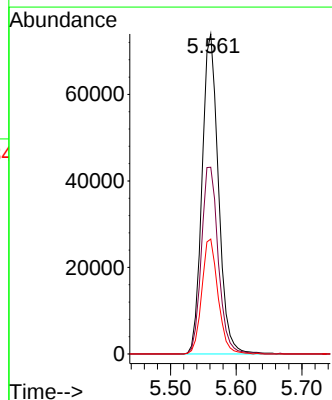
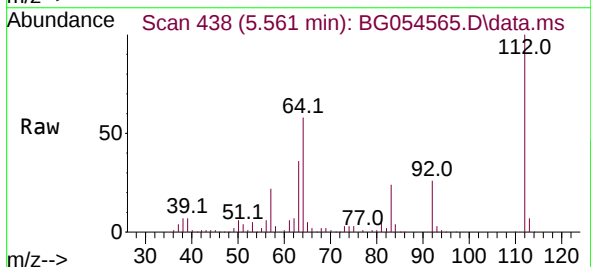


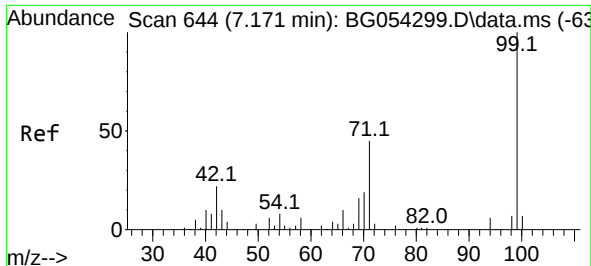
Tgt Ion:152 Resp: 17534  
Ion Ratio Lower Upper  
152 100  
150 150.6 131.6 197.4  
115 60.8 50.9 76.3



#5  
2-Fluorophenol  
Concen: 153.037 ng  
RT: 5.561 min Scan# 438  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Tgt Ion:112 Resp: 128520  
Ion Ratio Lower Upper  
112 100  
64 58.4 55.1 82.7  
63 35.9 30.4 45.6

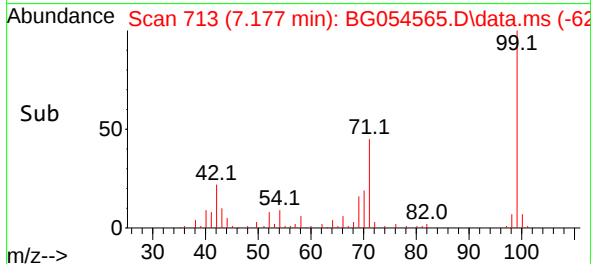
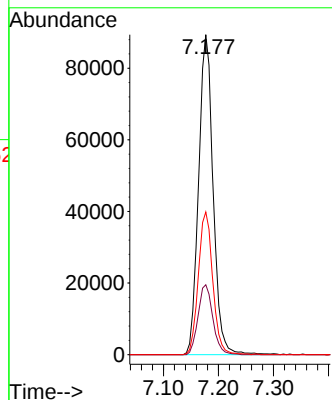
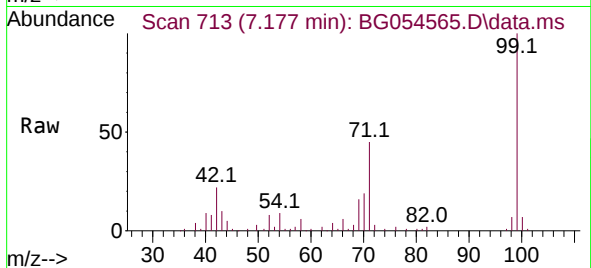




#7  
Phenol-d6  
Concen: 142.689 ng  
RT: 7.177 min Scan# 71  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

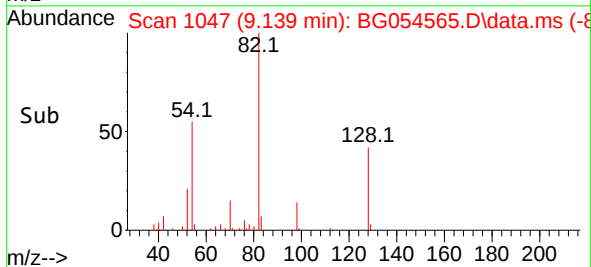
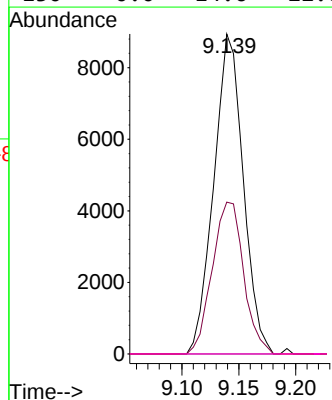
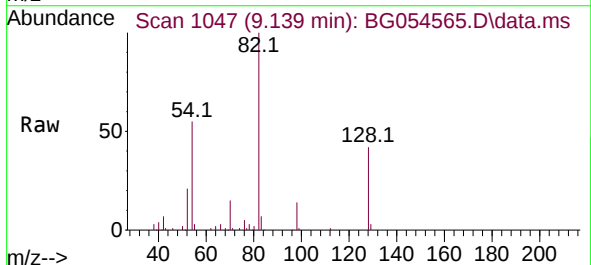
Instrument :  
BNA\_G  
ClientSampleId :  
PB146732TB

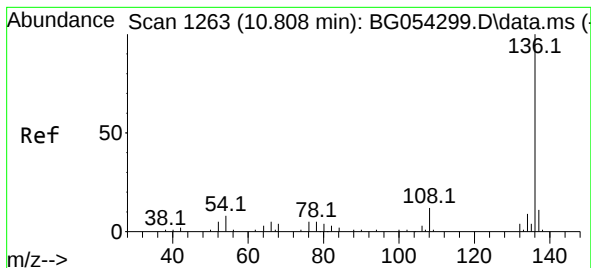
Tgt Ion: 99 Resp: 164196  
Ion Ratio Lower Upper  
99 100  
42 21.9 17.0 25.6  
71 44.6 33.8 50.8



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.949 ng  
RT: 9.139 min Scan# 1047  
Delta R.T. 0.356 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Tgt Ion: 70 Resp: 16098  
Ion Ratio Lower Upper  
70 100  
42 47.5 47.3 70.9  
101 0.0 7.0 10.4#  
130 0.0 14.6 22.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.784 min Scan# 11

Delta R.T. -0.002 min

Lab File: BG054565.D

Acq: 9 Aug 2022 11:22

Instrument :

BNA\_G

ClientSampleId :

PB146732TB

Tgt Ion:136 Resp: 69532

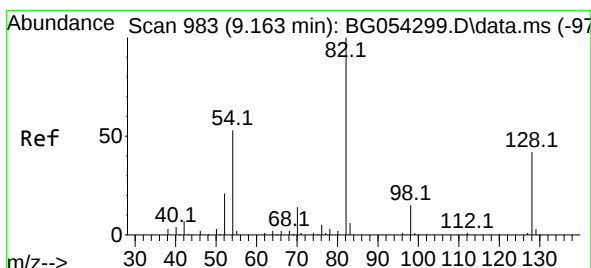
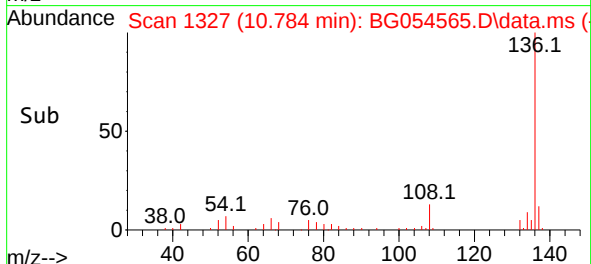
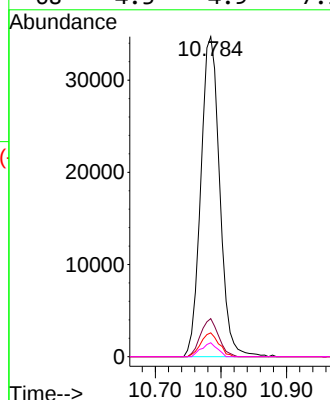
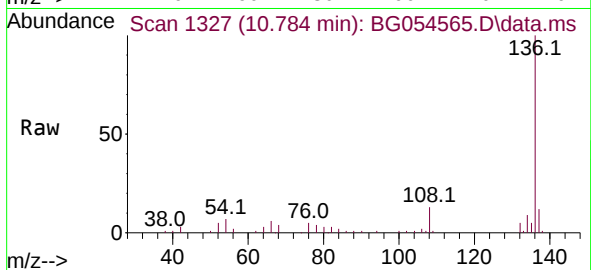
Ion Ratio Lower Upper

136 100

137 11.9 8.5 12.7

54 7.5 7.4 11.2

68 4.3 4.9 7.3#



#23

Nitrobenzene-d5

Concen: 89.619 ng

RT: 9.139 min Scan# 1047

Delta R.T. -0.002 min

Lab File: BG054565.D

Acq: 9 Aug 2022 11:22

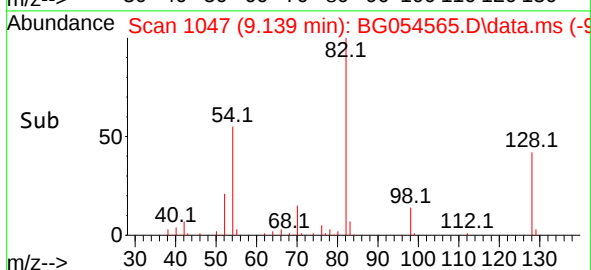
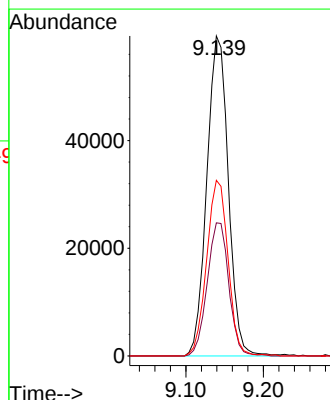
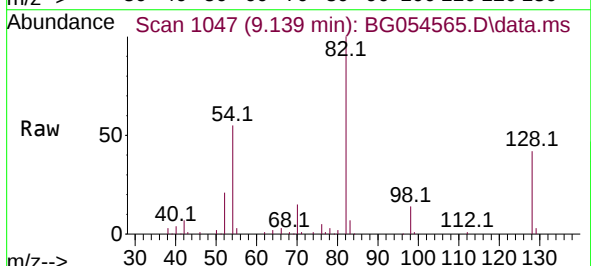
Tgt Ion: 82 Resp: 114427

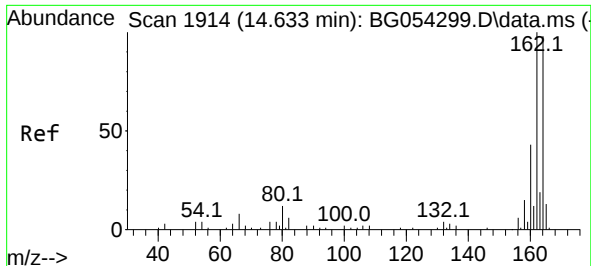
Ion Ratio Lower Upper

82 100

128 41.6 27.9 41.9

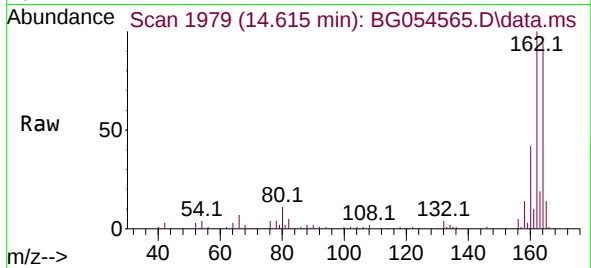
54 54.9 41.2 61.8



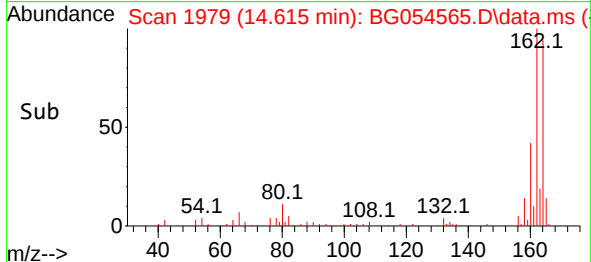
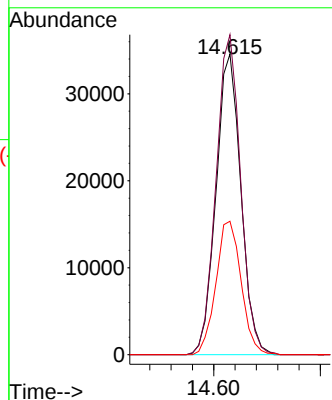


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.615 min Scan# 1914  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Instrument :  
BNA\_G  
ClientSampleId :  
PB146732TB

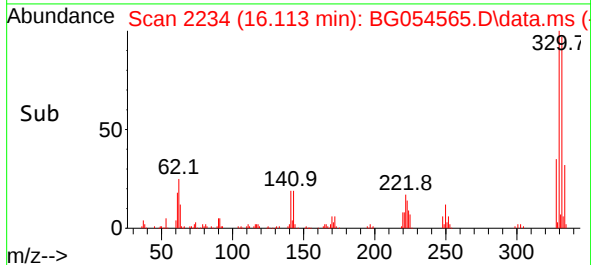
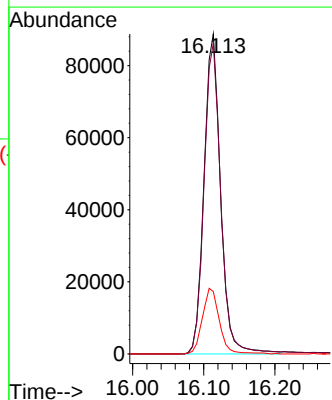
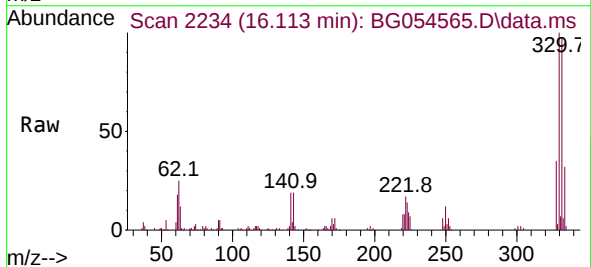


Tgt Ion:164 Resp: 55946  
Ion Ratio Lower Upper  
164 100  
162 106.5 82.3 123.5  
160 44.4 34.2 51.2



#42  
2,4,6-Tribromophenol  
Concen: 123.159 ng  
RT: 16.113 min Scan# 2234  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Tgt Ion:330 Resp: 144670  
Ion Ratio Lower Upper  
330 100  
332 98.2 76.0 114.0  
141 21.0 27.1 40.7#

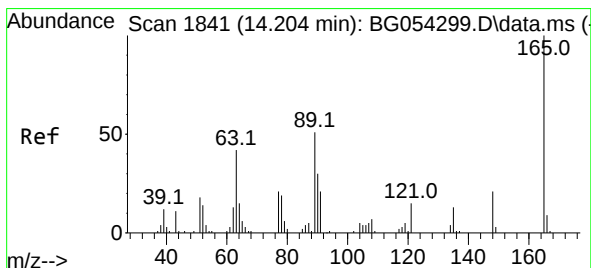
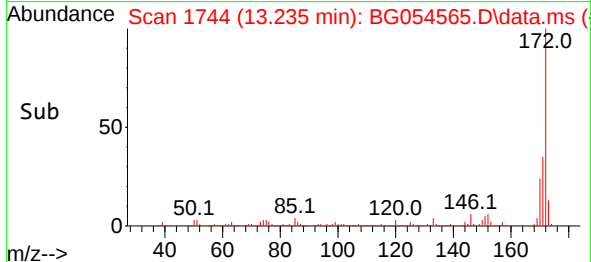
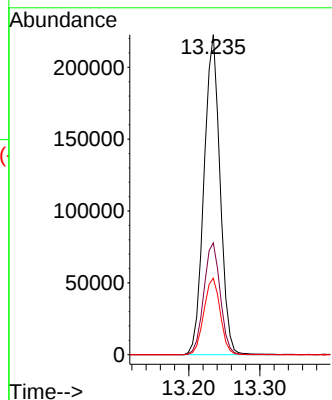
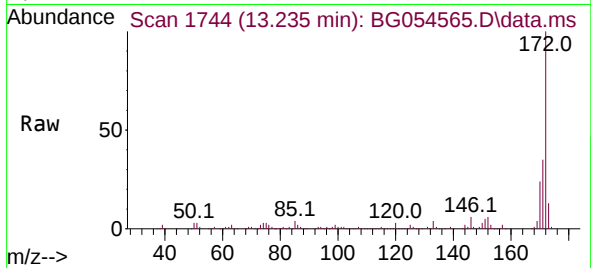




#45  
2-Fluorobiphenyl  
Concen: 88.228 ng  
RT: 13.235 min Scan# 1  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

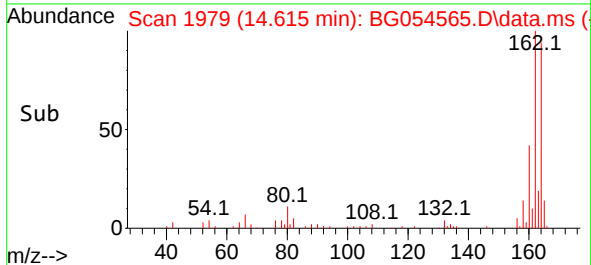
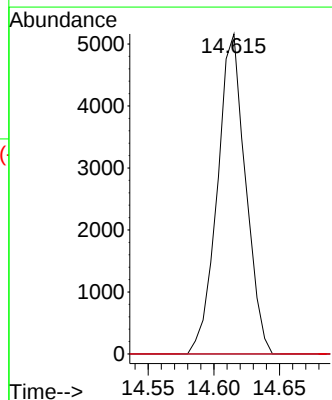
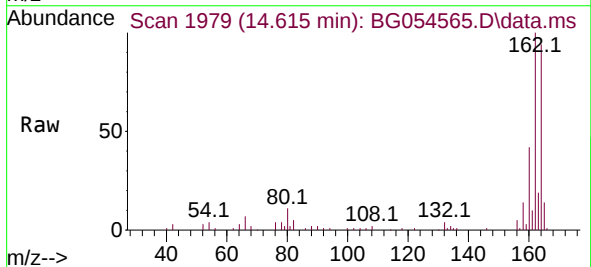
Instrument :  
BNA\_G  
ClientSampleId :  
PB146732TB

Tgt Ion:172 Resp: 349898  
Ion Ratio Lower Upper  
172 100  
171 34.9 28.5 42.7  
170 23.9 18.9 28.3



#51  
2,6-Dinitrotoluene  
Concen: 8.024 ng  
RT: 14.615 min Scan# 1979  
Delta R.T. 0.421 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Tgt Ion:165 Resp: 7691  
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: 5.597 ng

RT: 14.615 min Scan# 14

Delta R.T. -0.378 min

Lab File: BG054565.D

Acq: 9 Aug 2022 11:22

Instrument :

BNA\_G

ClientSampleId :

PB146732TB

Tgt Ion:165 Resp: 7691

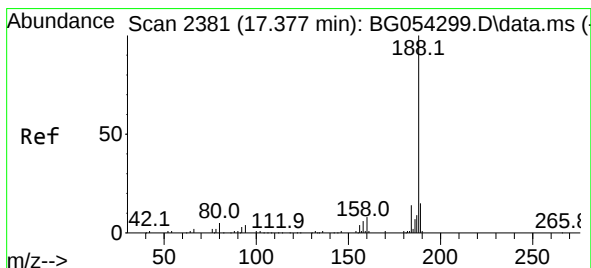
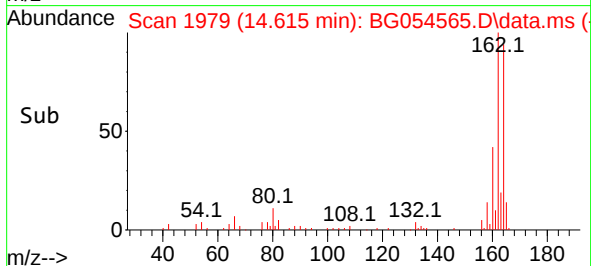
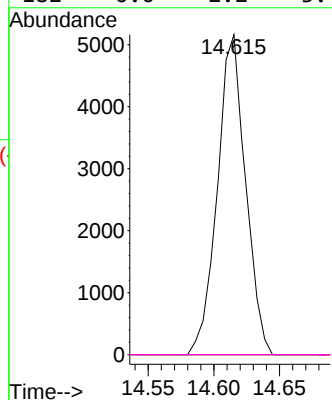
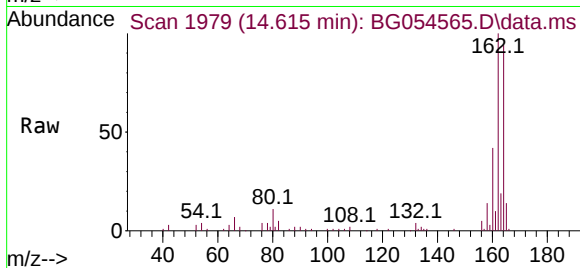
Ion Ratio Lower Upper

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: 17.359 min Scan# 2446

Delta R.T. -0.002 min

Lab File: BG054565.D

Acq: 9 Aug 2022 11:22

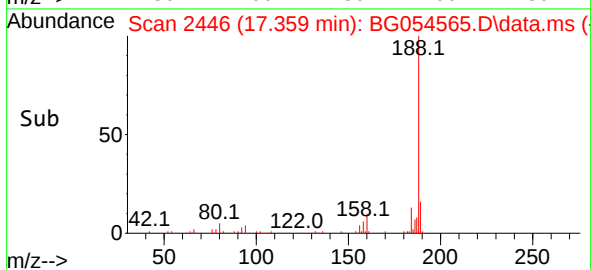
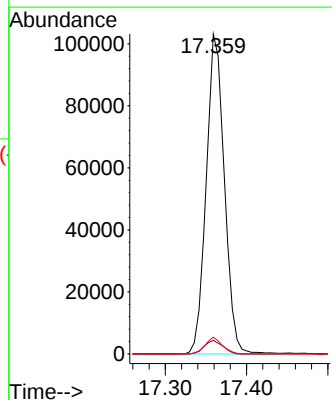
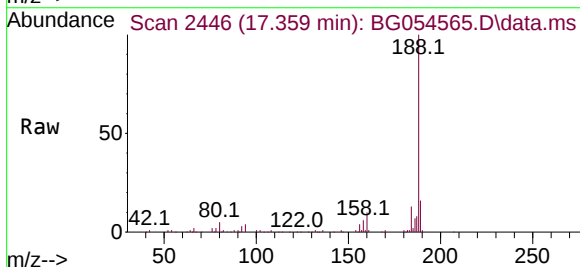
Tgt Ion:188 Resp: 159905

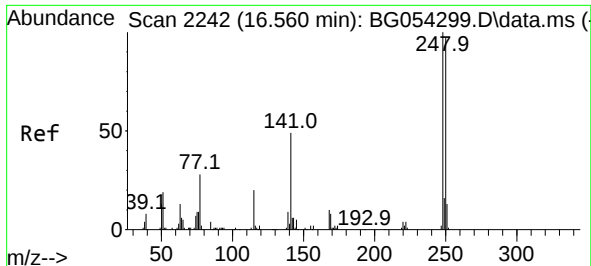
Ion Ratio Lower Upper

188 100

94 4.3 5.4 8.0#

80 5.2 6.8 10.2#

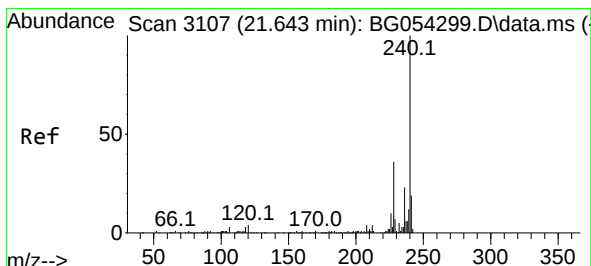
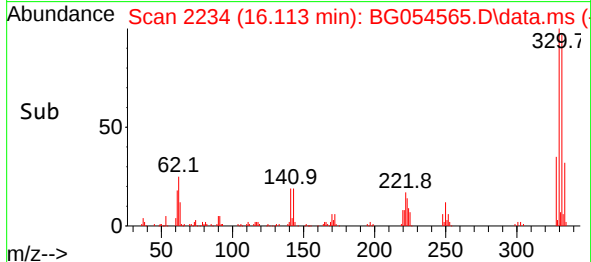
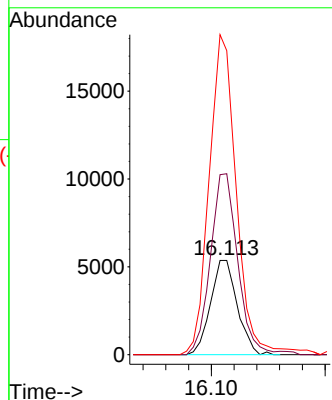
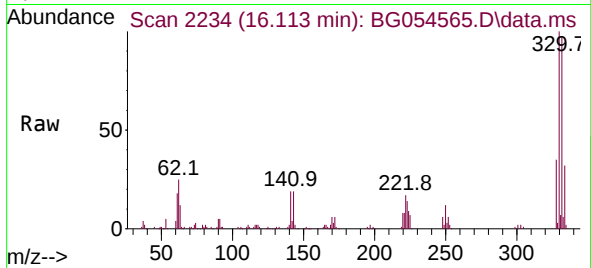




#67  
4-Bromophenyl-phenylether  
Concen: 3.899 ng  
RT: 16.113 min Scan# 21  
Delta R.T. -0.431 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

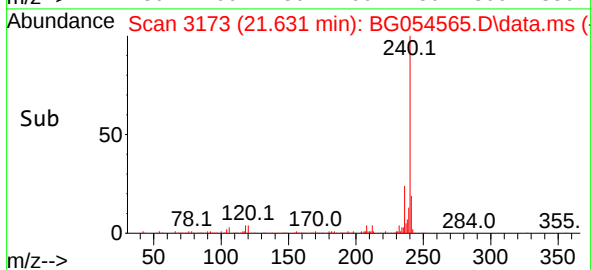
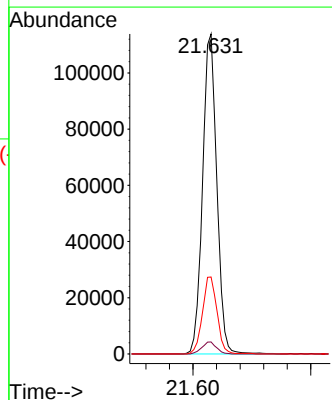
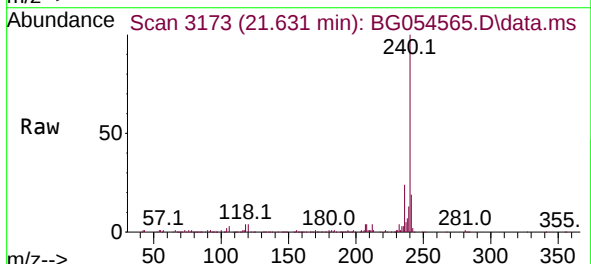
Instrument :  
BNA\_G  
ClientSampleId :  
PB146732TB

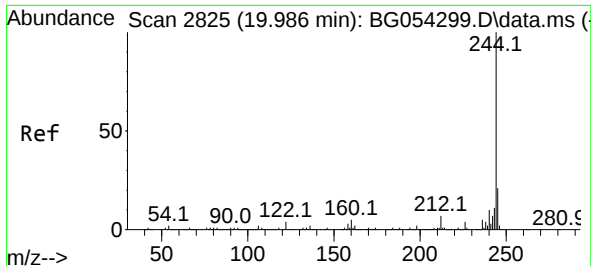
Tgt Ion:248 Resp: 8757  
Ion Ratio Lower Upper  
248 100  
250 191.9 75.2 112.8#  
141 322.4 50.0 75.0#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.631 min Scan# 3173  
Delta R.T. -0.002 min  
Lab File: BG054565.D  
Acq: 9 Aug 2022 11:22

Tgt Ion:240 Resp: 191027  
Ion Ratio Lower Upper  
240 100  
120 3.7 4.6 7.0#  
236 24.1 20.2 30.4

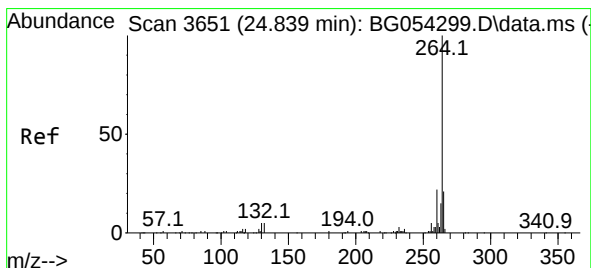
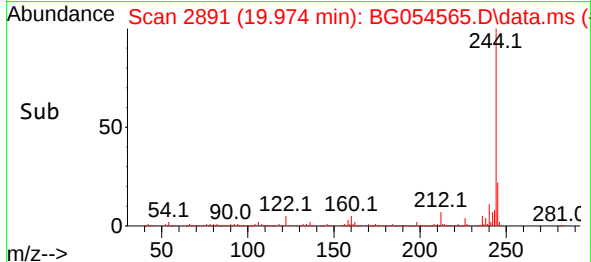
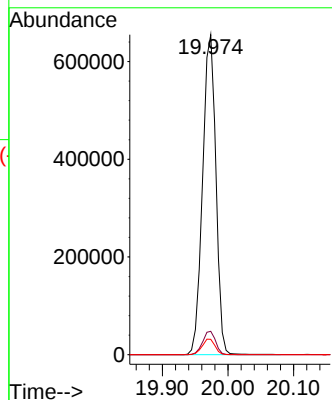
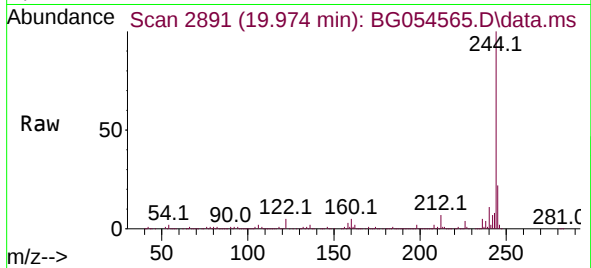




#79  
 Terphenyl-d14  
 Concen: 96.178 ng  
 RT: 19.974 min Scan# 21  
 Delta R.T. 0.004 min  
 Lab File: BG054565.D  
 Acq: 9 Aug 2022 11:22

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PB146732TB

Tgt Ion:244 Resp: 926130  
 Ion Ratio Lower Upper  
 244 100  
 212 7.3 6.5 9.7  
 122 4.8 5.0 7.4#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.833 min Scan# 3718  
 Delta R.T. -0.002 min  
 Lab File: BG054565.D  
 Acq: 9 Aug 2022 11:22

Tgt Ion:264 Resp: 195320  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.0 28.6  
 265 21.6 17.4 26.2

