

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052622\  
 Data File : BG053715.D  
 Acq On : 26 May 2022 13:44  
 Operator : CG/JU  
 Sample : N3028-01  
 Misc :  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-1-5FT

Quant Time: May 26 15:59:21 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 25 15:11:41 2022  
 Response via : Initial Calibration

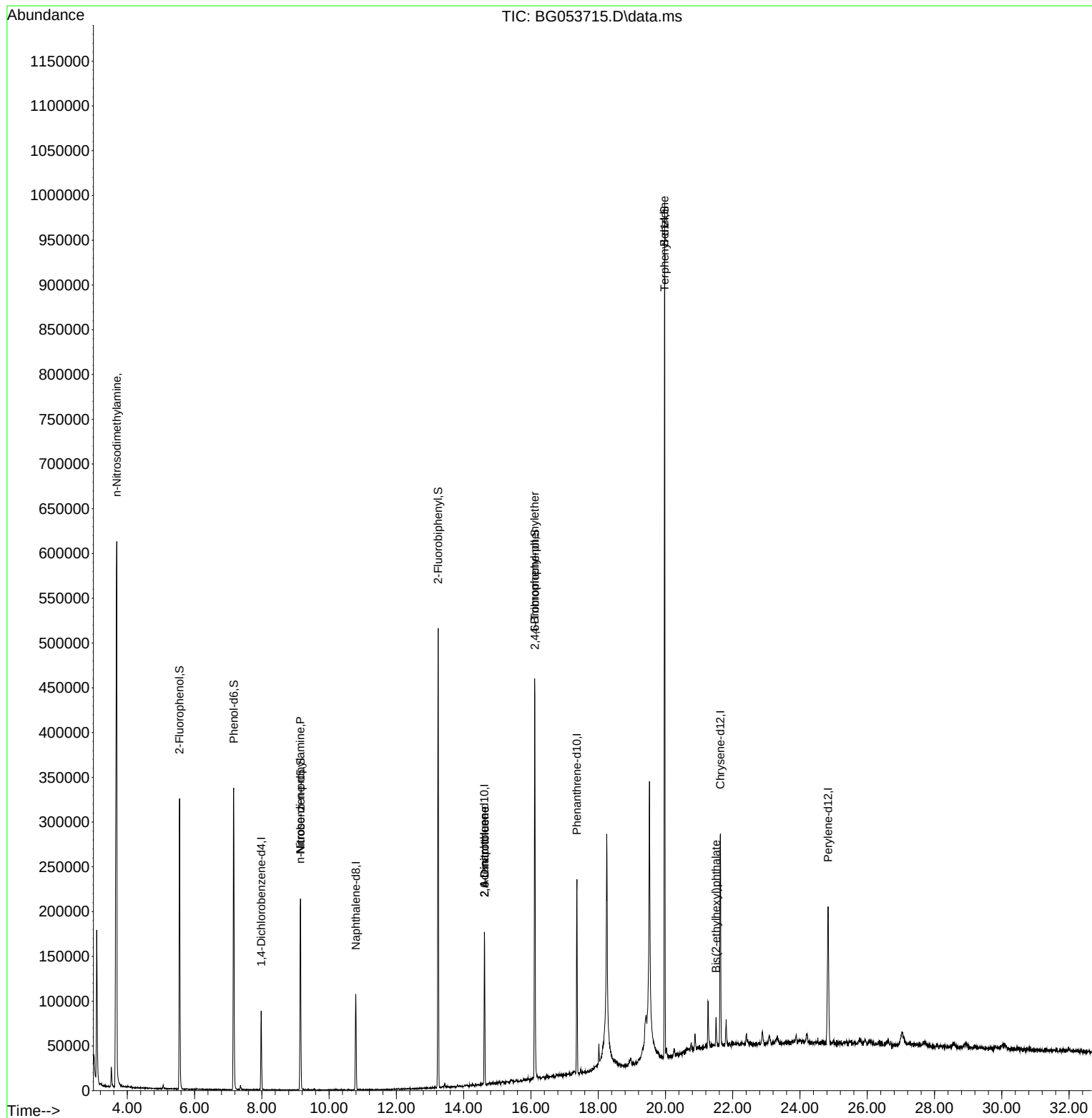
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 7.980  | 152  | 23702    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 10.794 | 136  | 88598    | 20.000  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 14.619 | 164  | 60254    | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 17.368 | 188  | 137446   | 20.000  | ng    | 0.00     |
| 76) Chrysene-d12              | 21.633 | 240  | 152302   | 20.000  | ng    | 0.00     |
| 86) Perylene-d12              | 24.834 | 264  | 158995   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.554  | 112  | 130674   | 93.567  | ng    | 0.00     |
| 7) Phenol-d6                  | 7.164  | 99   | 193172   | 91.139  | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 9.149  | 82   | 131524   | 63.193  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 16.116 | 330  | 93401    | 105.101 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 13.244 | 172  | 273667   | 66.370  | ng    | 0.00     |
| 79) Terphenyl-d14             | 19.976 | 244  | 479770   | 58.670  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 4) n-Nitrosodimethylamine     | 3.686  | 42   | 33350    | 38.257  | ng    | # 1      |
| 19) n-Nitroso-di-n-propyla... | 9.144  | 70   | 19553    | 12.857  | ng    | # 79     |
| 51) 2,6-Dinitrotoluene        | 14.624 | 165  | 7529     | 8.071   | ng    | # 16     |
| 57) 2,4-Dinitrotoluene        | 14.624 | 165  | 7529     | 5.568   | ng    | # 21     |
| 67) 4-Bromophenyl-phenylether | 16.111 | 248  | 6500     | 4.049   | ng    | # 1      |
| 77) Benzidine                 | 19.970 | 184  | 8467     | 2.579   | ng    | # 87     |
| 84) Bis(2-ethylhexyl)phtha... | 21.503 | 149  | 12019    | 2.409   | ng    | 94       |
| -----                         |        |      |          |         |       |          |

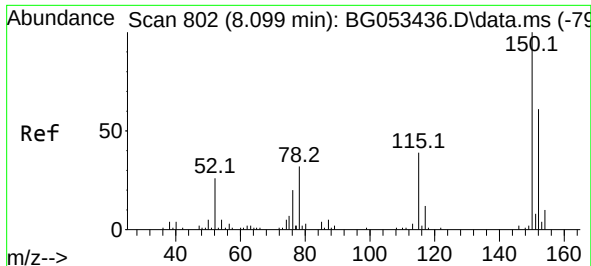
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_G\Data\BG052622\  
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Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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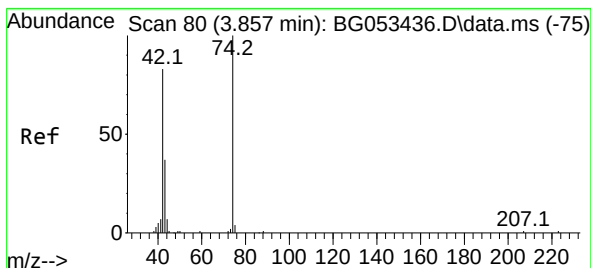
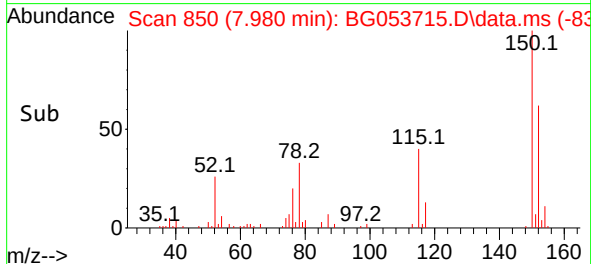
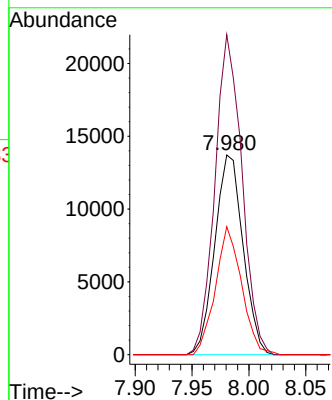
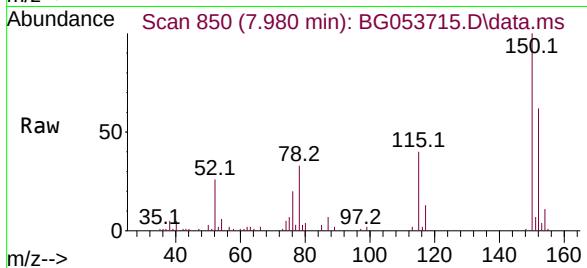




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 7.980 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BG053715.D  
 Acq: 26 May 2022 13:44

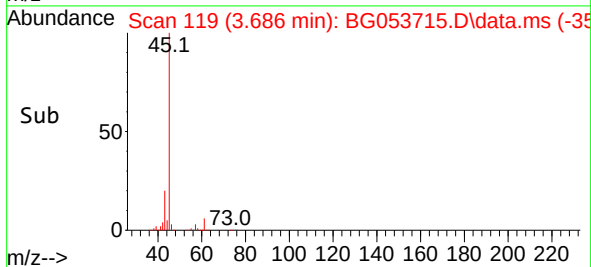
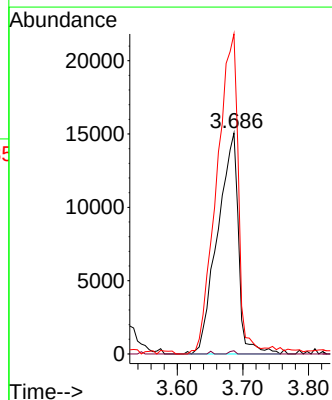
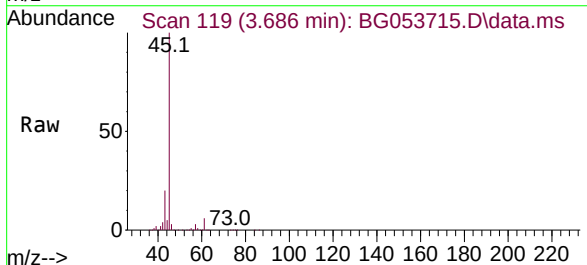
Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-1-5FT

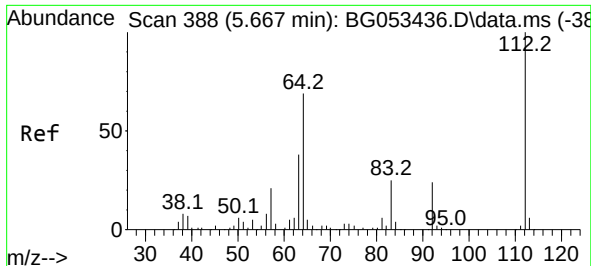
Tgt Ion:152 Resp: 23702  
 Ion Ratio Lower Upper  
 152 100  
 150 160.3 131.6 197.4  
 115 64.1 50.9 76.3



#4  
 n-Nitrosodimethylamine  
 Concen: 38.257 ng  
 RT: 3.686 min Scan# 119  
 Delta R.T. -0.035 min  
 Lab File: BG053715.D  
 Acq: 26 May 2022 13:44

Tgt Ion: 42 Resp: 33350  
 Ion Ratio Lower Upper  
 42 100  
 74 1.4 97.0 145.4#  
 44 144.9 7.0 10.4#

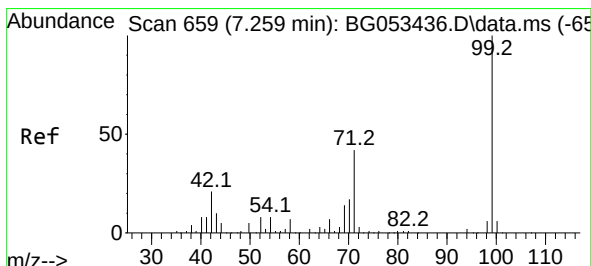
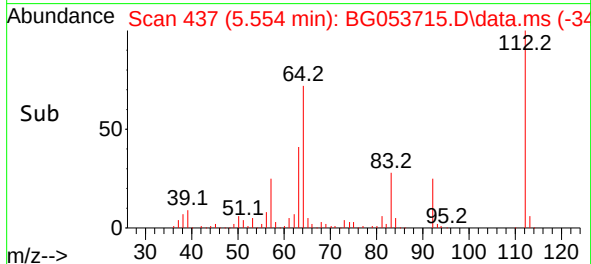
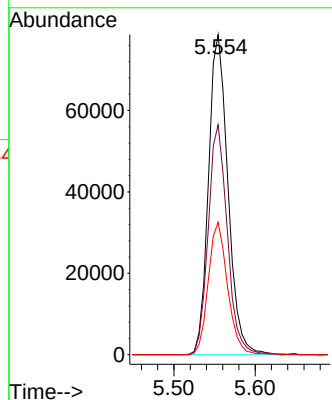
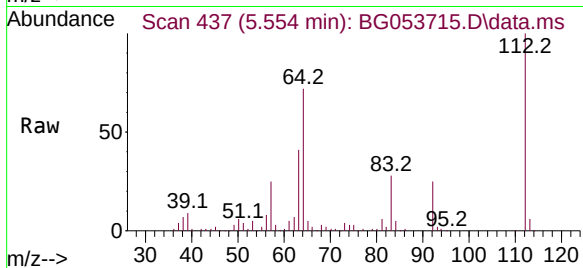




#5  
2-Fluorophenol  
Concen: 93.567 ng  
RT: 5.554 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

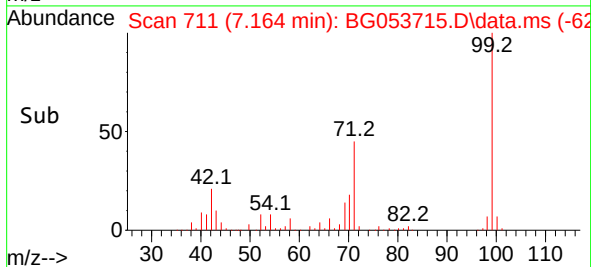
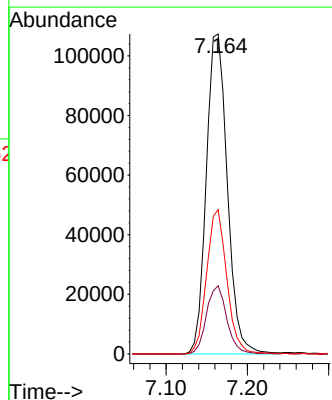
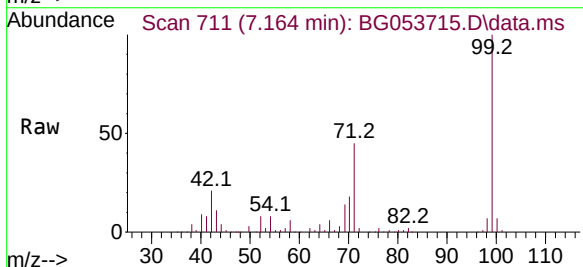
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-1-5FT

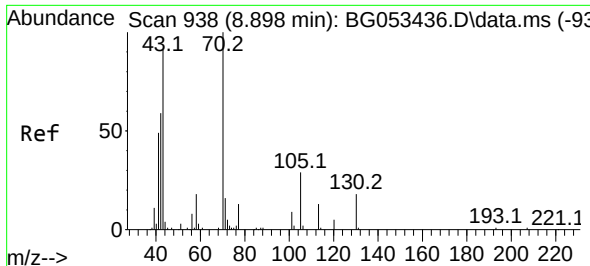
Tgt Ion:112 Resp: 130674  
Ion Ratio Lower Upper  
112 100  
64 71.8 55.1 82.7  
63 41.3 30.4 45.6



#7  
Phenol-d6  
Concen: 91.139 ng  
RT: 7.164 min Scan# 711  
Delta R.T. 0.000 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

Tgt Ion: 99 Resp: 193172  
Ion Ratio Lower Upper  
99 100  
42 21.3 17.0 25.6  
71 45.1 33.8 50.8

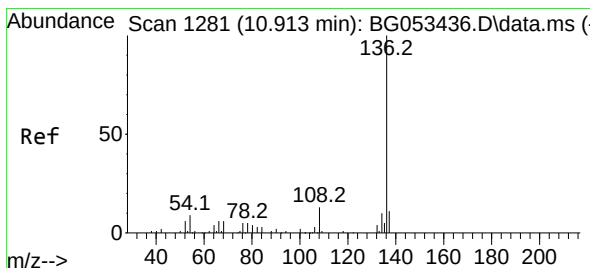
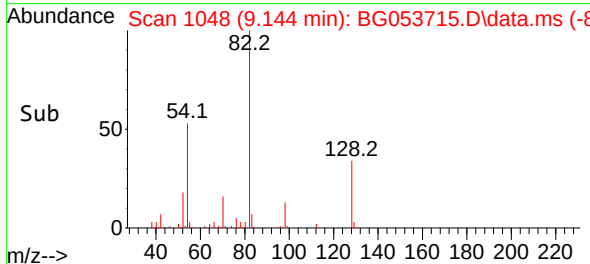
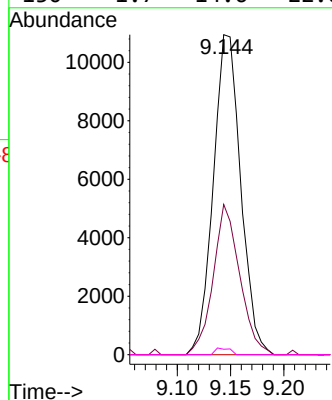
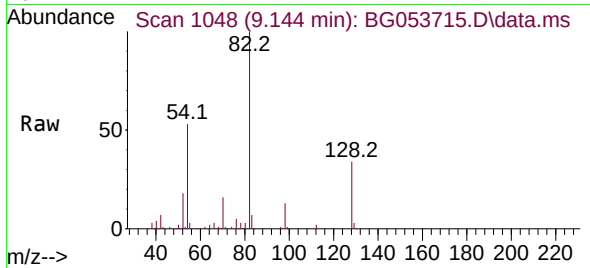




#19  
n-Nitroso-di-n-propylamine  
Concen: 12.857 ng  
RT: 9.144 min Scan# 1048  
Delta R.T. 0.347 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

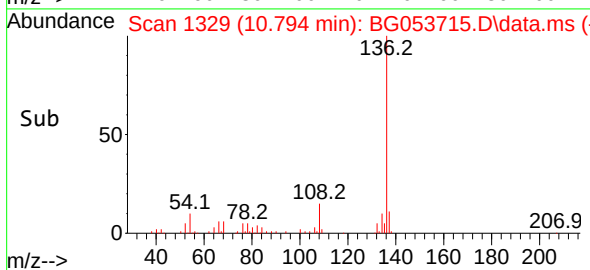
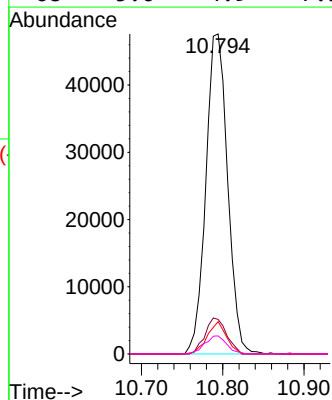
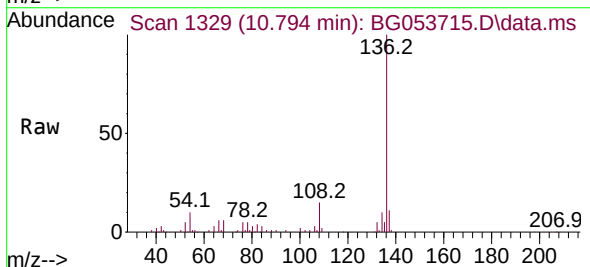
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-1-5FT

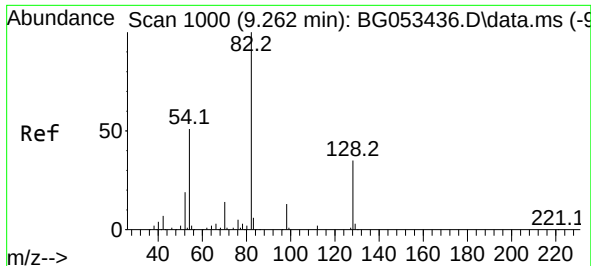
Tgt Ion: 70 Resp: 19553  
Ion Ratio Lower Upper  
70 100  
42 47.0 47.3 70.9#  
101 0.0 7.0 10.4#  
130 1.7 14.6 22.0#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.794 min Scan# 1329  
Delta R.T. -0.006 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

Tgt Ion: 136 Resp: 88598  
Ion Ratio Lower Upper  
136 100  
137 10.8 8.5 12.7  
54 10.1 7.4 11.2  
68 5.6 4.9 7.3

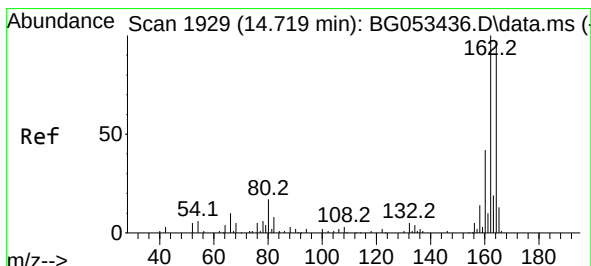
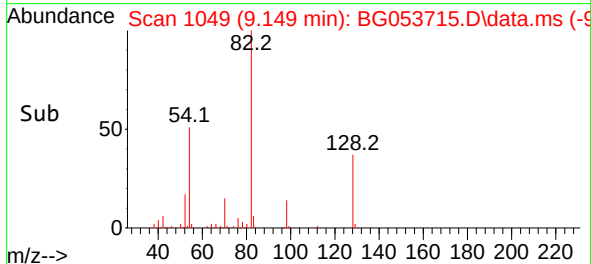
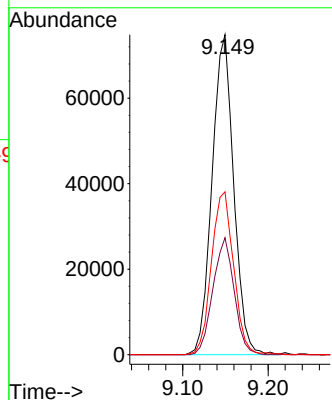
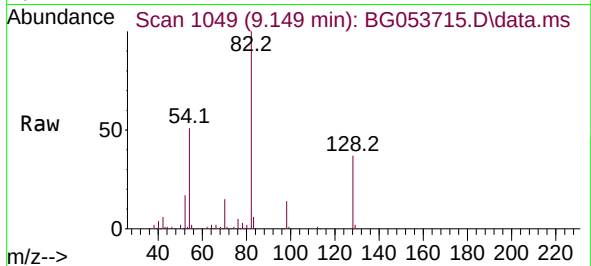




#23  
Nitrobenzene-d5  
Concen: 63.193 ng  
RT: 9.149 min Scan# 1049  
Delta R.T. -0.006 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

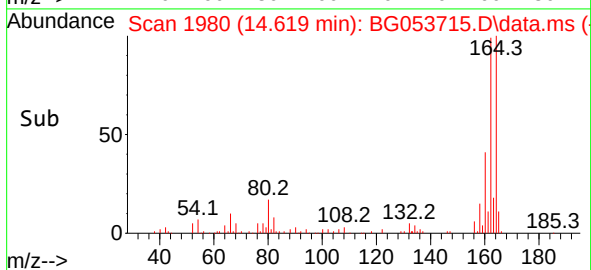
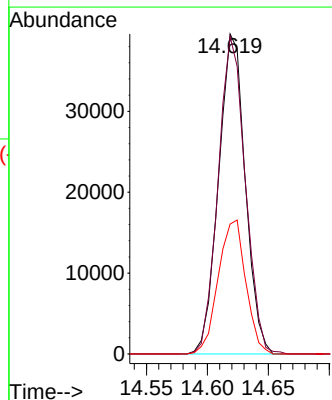
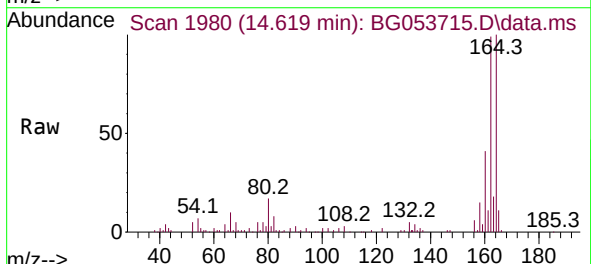
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-1-5FT

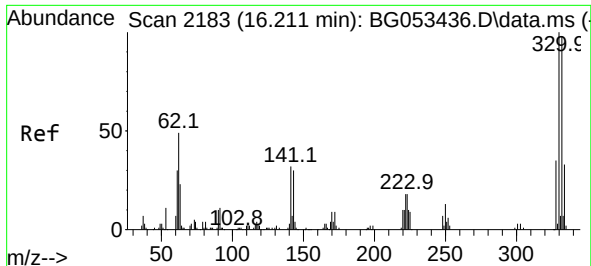
Tgt Ion: 82 Resp: 131524  
Ion Ratio Lower Upper  
82 100  
128 36.5 27.9 41.9  
54 50.9 41.2 61.8



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.619 min Scan# 1980  
Delta R.T. -0.006 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

Tgt Ion:164 Resp: 60254  
Ion Ratio Lower Upper  
164 100  
162 99.2 82.3 123.5  
160 40.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 105.101 ng

RT: 16.116 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

TP-1-1-5FT

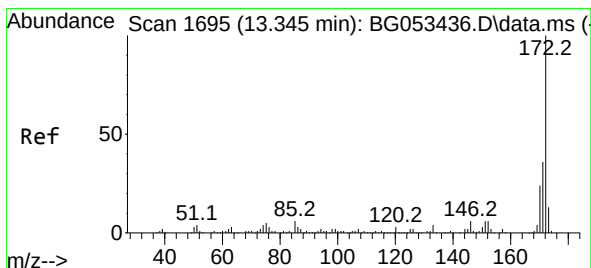
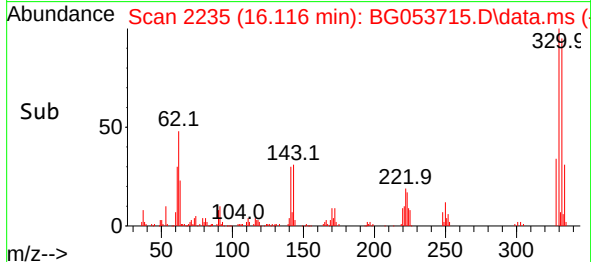
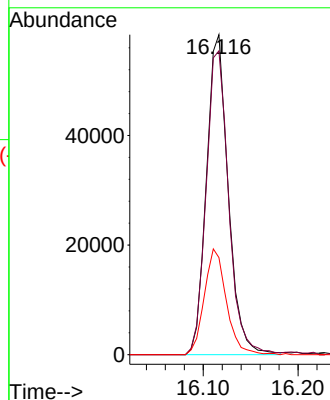
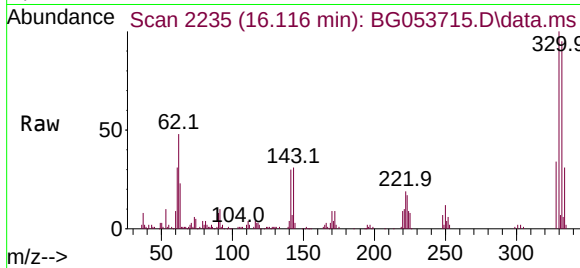
Tgt Ion:330 Resp: 93401

Ion Ratio Lower Upper

330 100

332 98.0 76.0 114.0

141 33.5 27.1 40.7



#45

2-Fluorobiphenyl

Concen: 66.370 ng

RT: 13.244 min Scan# 1746

Delta R.T. 0.000 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

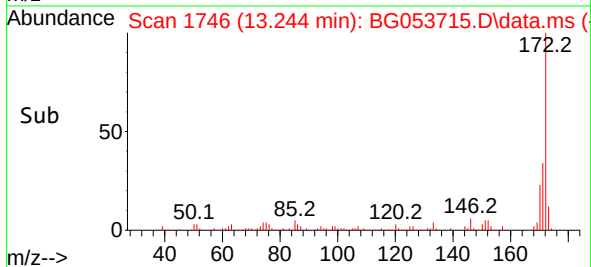
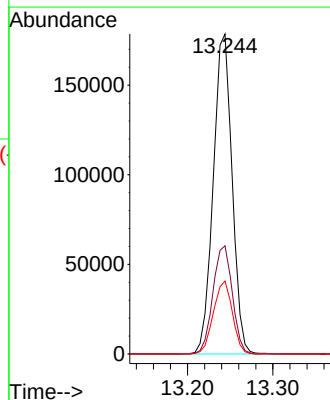
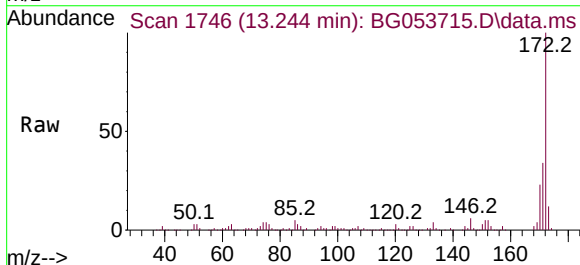
Tgt Ion:172 Resp: 273667

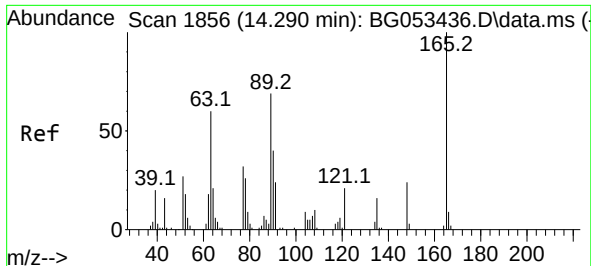
Ion Ratio Lower Upper

172 100

171 33.8 28.5 42.7

170 22.8 18.9 28.3





#51

2,6-Dinitrotoluene

Concen: 8.071 ng

RT: 14.624 min Scan# 1981

Delta R.T. 0.423 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

TP-1-1-5FT

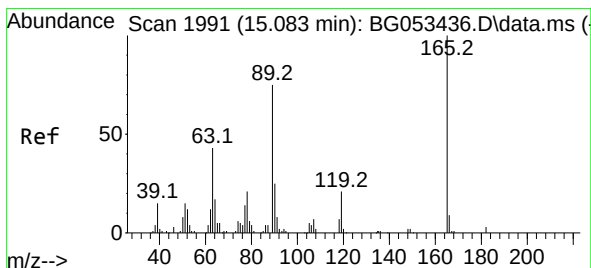
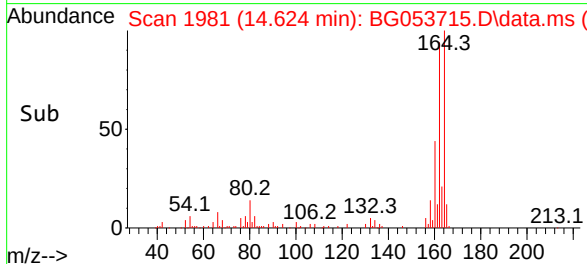
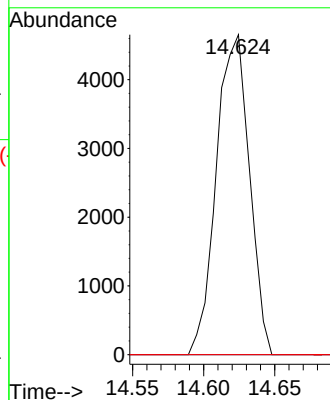
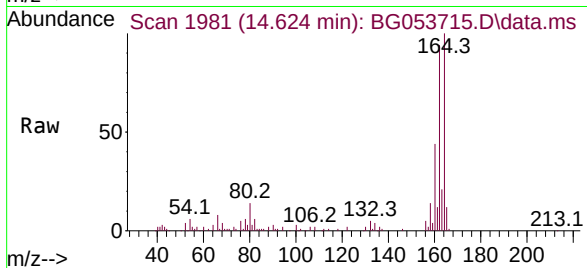
Tgt Ion:165 Resp: 7529

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: 5.568 ng

RT: 14.624 min Scan# 1981

Delta R.T. -0.370 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

Tgt Ion:165 Resp: 7529

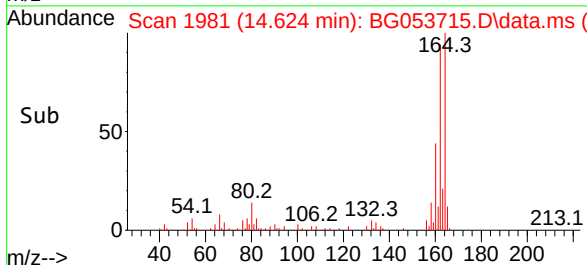
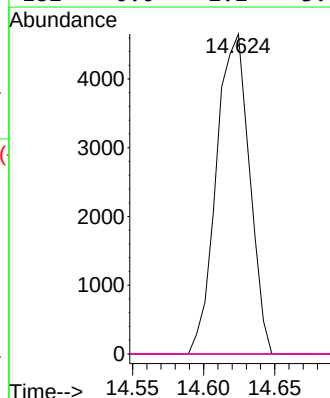
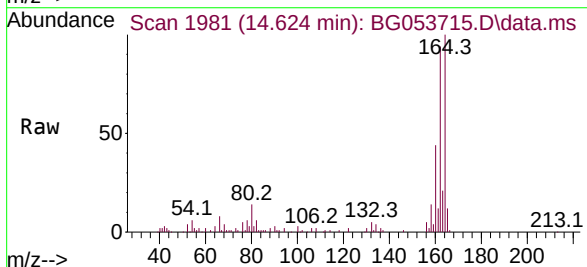
Ion Ratio Lower Upper

165 100

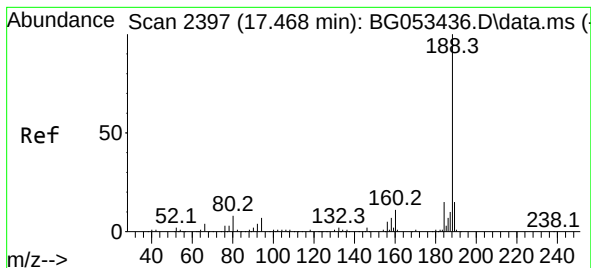
63 0.0 34.6 52.0#

89 0.0 60.3 90.5#

182 0.0 2.2 3.4#







#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.368 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

TP-1-1-5FT

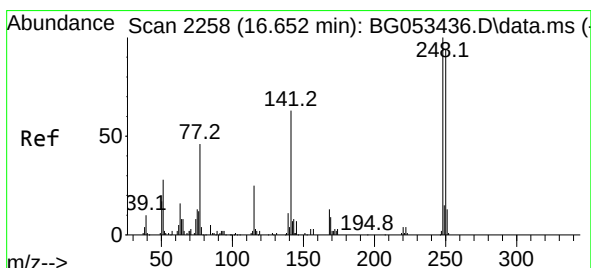
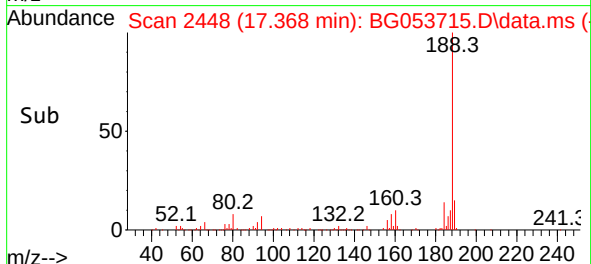
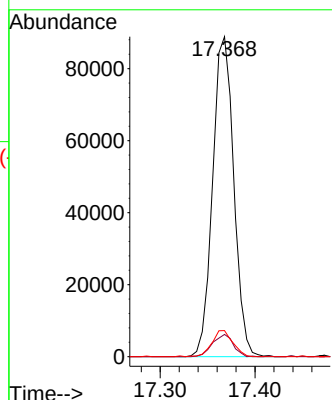
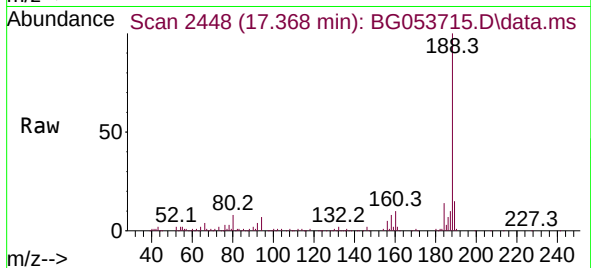
Tgt Ion:188 Resp: 137446

Ion Ratio Lower Upper

188 100

94 7.0 5.4 8.0

80 8.2 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 4.049 ng

RT: 16.111 min Scan# 2234

Delta R.T. -0.440 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

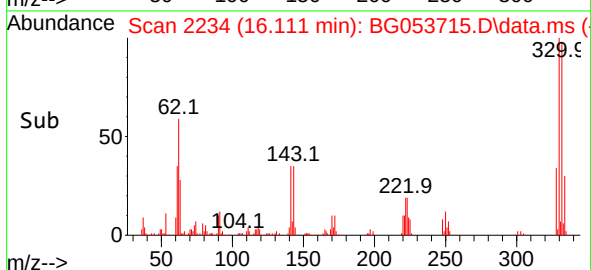
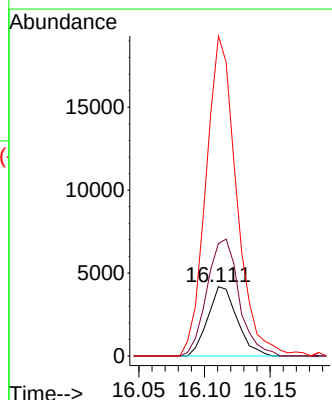
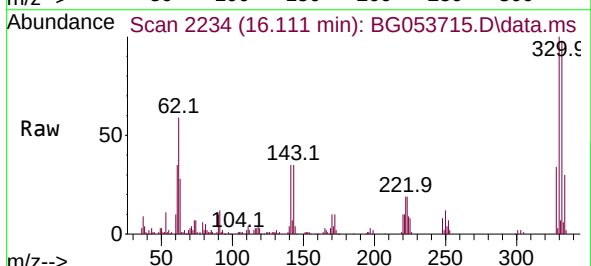
Tgt Ion:248 Resp: 6500

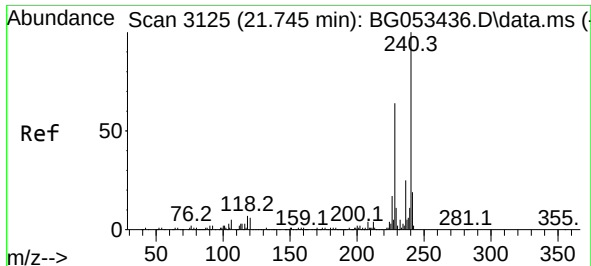
Ion Ratio Lower Upper

248 100

250 162.4 75.2 112.8#

141 462.2 50.0 75.0#

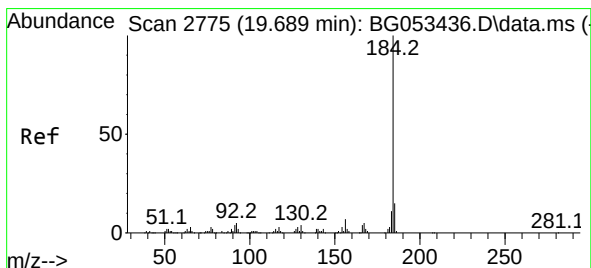
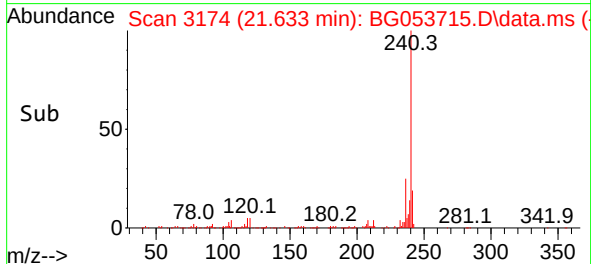
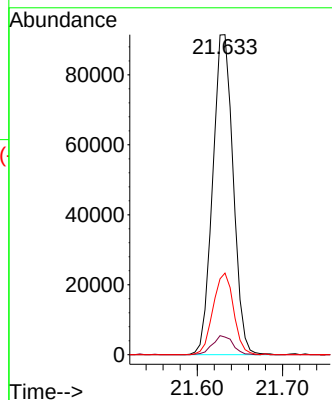
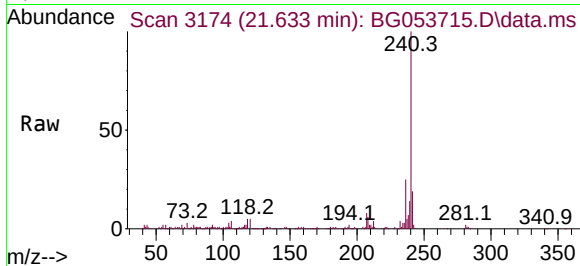




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 21.633 min Scan# 31  
Delta R.T. -0.006 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

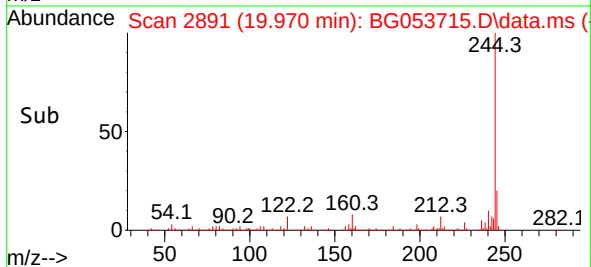
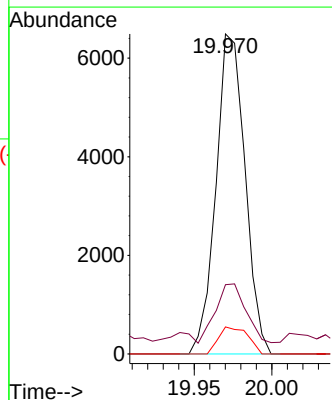
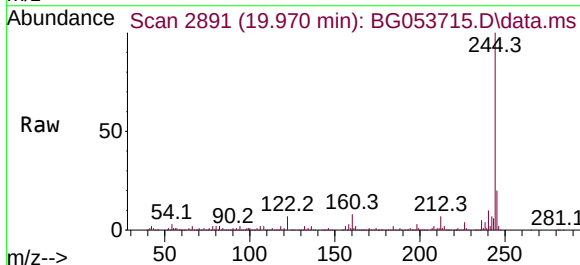
Instrument :  
BNA\_G  
ClientSampleId :  
TP-1-1-5FT

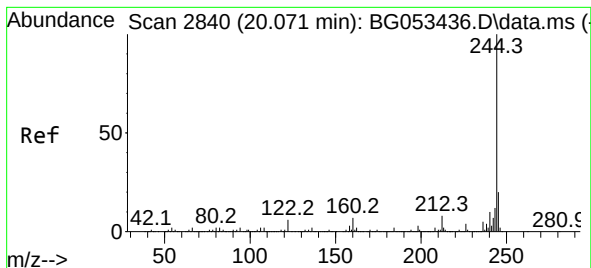
Tgt Ion:240 Resp: 152302  
Ion Ratio Lower Upper  
240 100  
120 5.5 4.6 7.0  
236 25.5 20.2 30.4



#77  
Benzidine  
Concen: 2.579 ng  
RT: 19.970 min Scan# 2891  
Delta R.T. 0.370 min  
Lab File: BG053715.D  
Acq: 26 May 2022 13:44

Tgt Ion:184 Resp: 8467  
Ion Ratio Lower Upper  
184 100  
185 21.6 11.8 17.6#  
183 8.4 8.9 13.3#





#79

Terphenyl-d14

Concen: 58.670 ng

RT: 19.976 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

Instrument :

BNA\_G

ClientSampleId :

TP-1-1-5FT

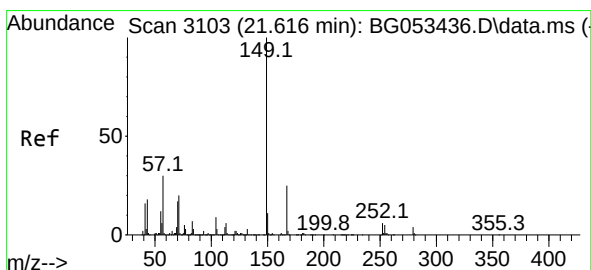
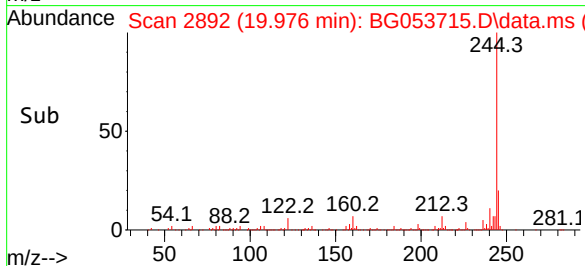
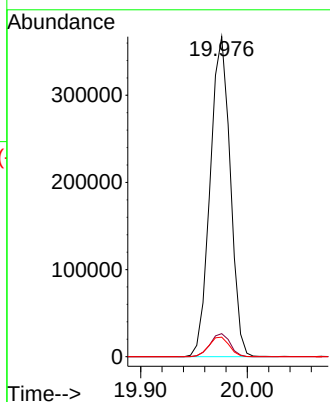
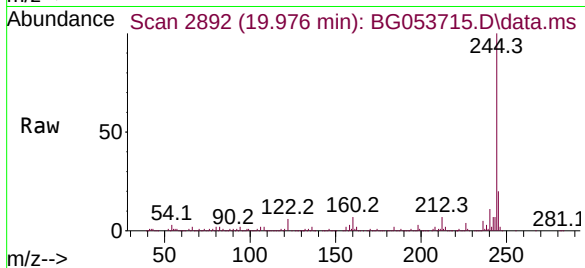
Tgt Ion:244 Resp: 479770

Ion Ratio Lower Upper

244 100

212 7.2 6.5 9.7

122 6.1 5.0 7.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 2.409 ng

RT: 21.503 min Scan# 3152

Delta R.T. -0.006 min

Lab File: BG053715.D

Acq: 26 May 2022 13:44

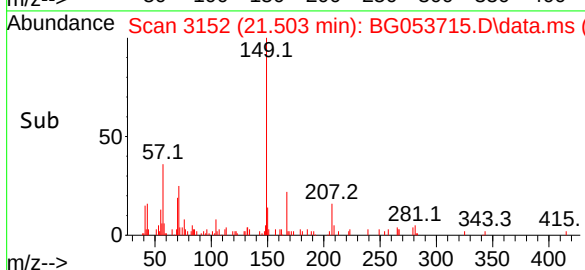
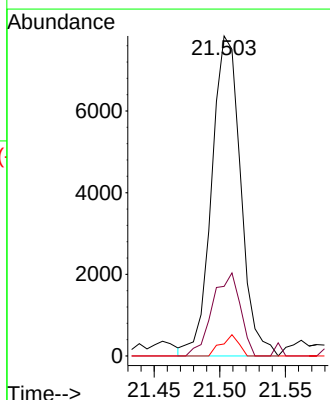
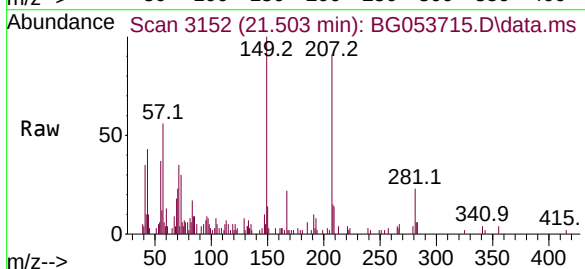
Tgt Ion:149 Resp: 12019

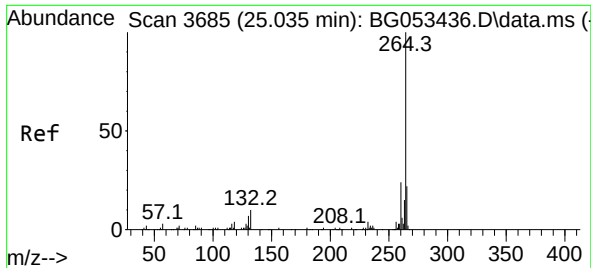
Ion Ratio Lower Upper

149 100

167 21.8 20.2 30.4

279 3.7 3.6 5.4





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 24.834 min Scan# 31  
 Delta R.T. -0.006 min  
 Lab File: BG053715.D  
 Acq: 26 May 2022 13:44

Instrument :  
 BNA\_G  
 ClientSampleId :  
 TP-1-1-5FT

Tgt Ion:264 Resp: 158995  
 Ion Ratio Lower Upper  
 264 100  
 260 22.2 19.0 28.6  
 265 21.1 17.4 26.2

