

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060622\  
 Data File : BF128701.D  
 Acq On : 06 Jun 2022 17:29  
 Operator : CG\JU  
 Sample : N3189-01  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220414-COMPOSITE-C

Quant Time: Jun 07 02:43:02 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Jun 02 17:07:23 2022  
 Response via : Initial Calibration

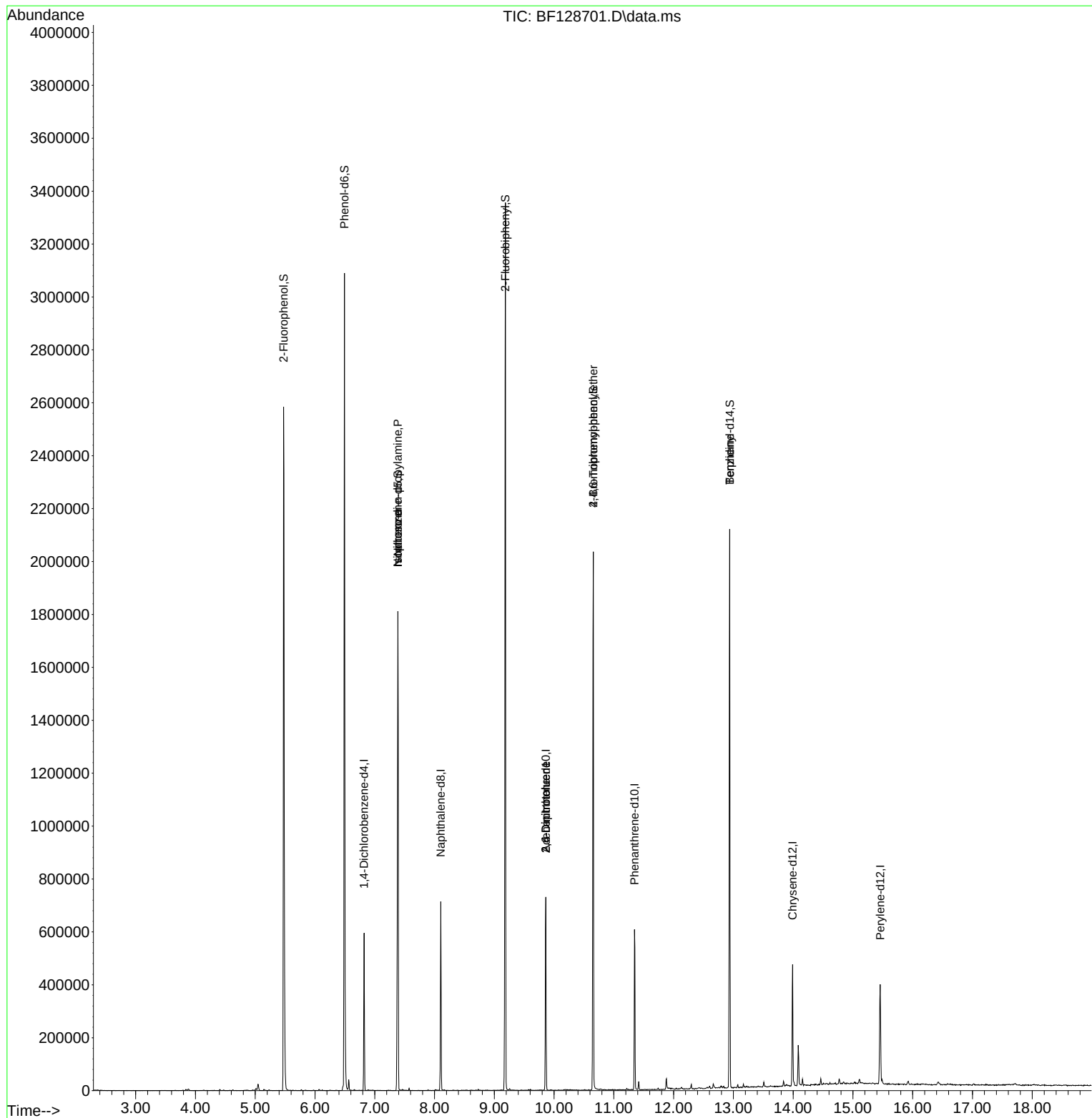
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.822  | 152  | 67993    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.104  | 136  | 259576   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.863  | 164  | 138962   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.345 | 188  | 214470   | 20.000  | ng    | -0.01    |
| 76) Chrysene-d12              | 13.992 | 240  | 150108   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.457 | 264  | 166395   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.475  | 112  | 649642   | 152.188 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.492  | 99   | 813837   | 156.187 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.386  | 82   | 592015   | 106.186 | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 214698   | 130.761 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.186  | 172  | 948506   | 95.614  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 649293   | 75.162  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.386  | 70   | 84676    | 26.136  | ng    | # 82     |
| 25) Isophorone                | 7.386  | 82   | 590834   | 69.776  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.863  | 165  | 18262    | 9.728   | ng    | # 26     |
| 57) 2,4-Dinitrotoluene        | 9.863  | 165  | 18262    | 7.289   | ng    | # 22     |
| 67) 4-Bromophenyl-phenylether | 10.657 | 248  | 14548    | 6.083   | ng    | # 1      |
| 77) Benzidine                 | 12.939 | 184  | 10242    | 3.423   | ng    | # 92     |
| -----                         |        |      |          |         |       |          |

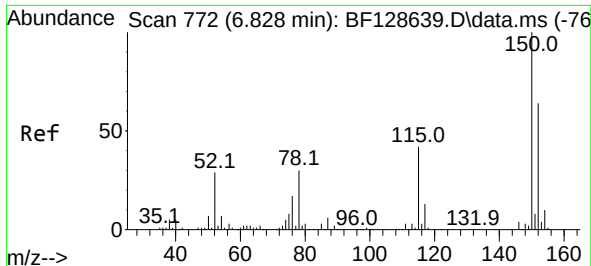
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF060622\  
Data File : BF128701.D  
Acq On : 06 Jun 2022 17:29  
Operator : CG\JU  
Sample : N3189-01  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

Quant Time: Jun 07 02:43:02 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF060222.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Thu Jun 02 17:07:23 2022  
Response via : Initial Calibration

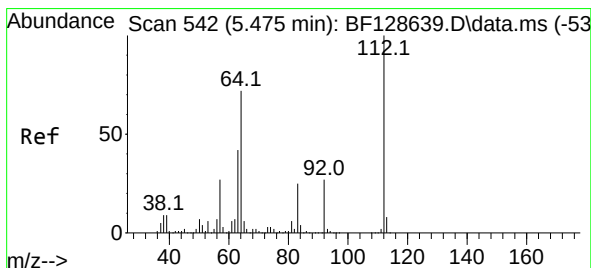
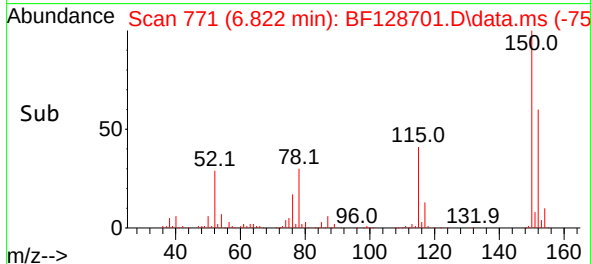
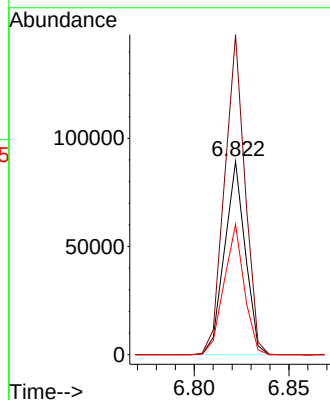
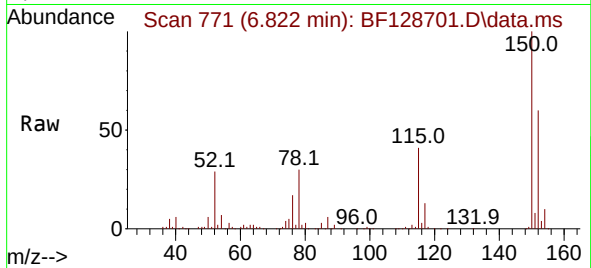




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.822 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

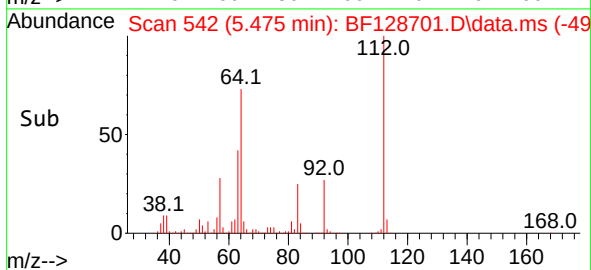
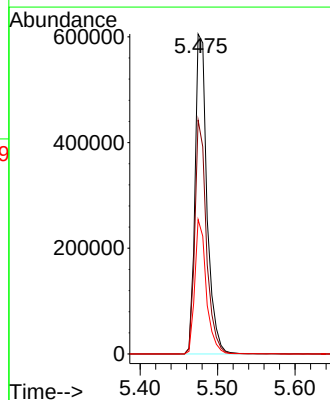
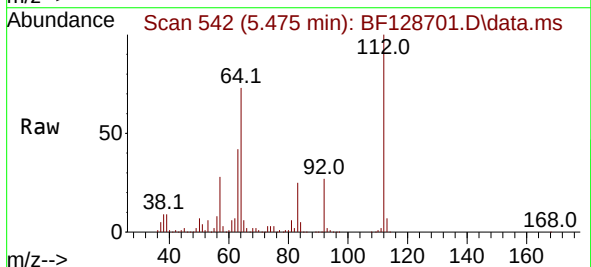
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

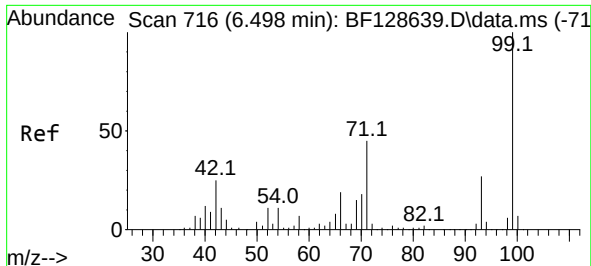
Tgt Ion:152 Resp: 67993  
Ion Ratio Lower Upper  
152 100  
150 165.5 123.7 185.5  
115 67.5 49.9 74.9



#5  
2-Fluorophenol  
Concen: 152.188 ng  
RT: 5.475 min Scan# 542  
Delta R.T. -0.000 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

Tgt Ion:112 Resp: 649642  
Ion Ratio Lower Upper  
112 100  
64 73.1 53.3 79.9  
63 42.0 28.0 42.0#

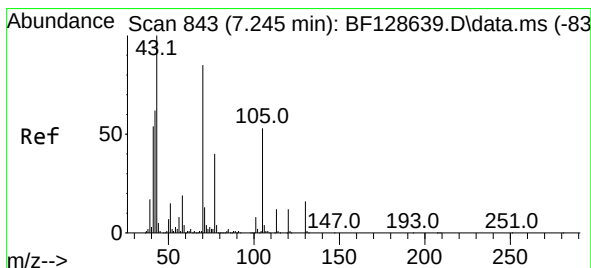
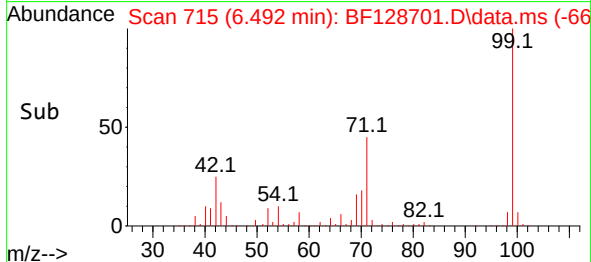
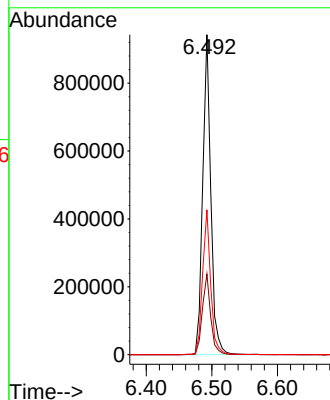
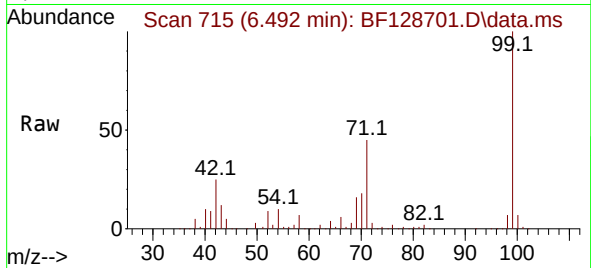




#7  
Phenol-d6  
Concen: 156.187 ng  
RT: 6.492 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

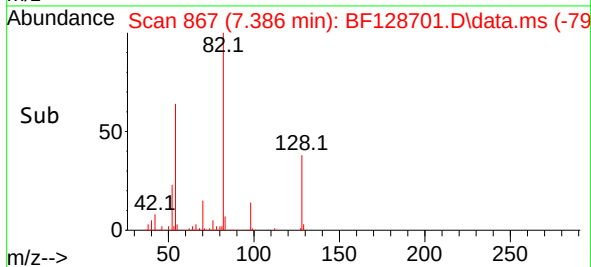
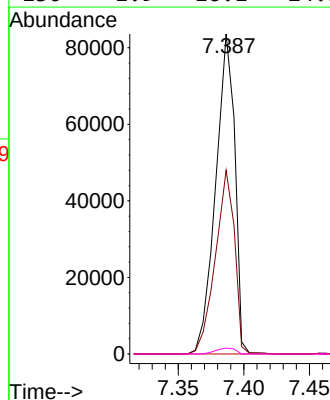
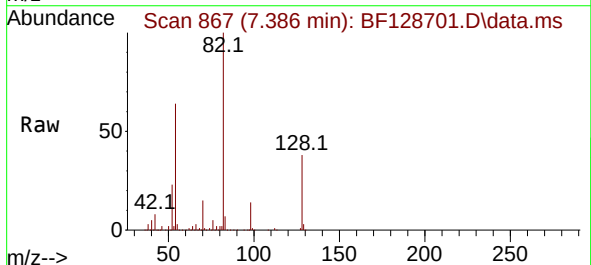
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

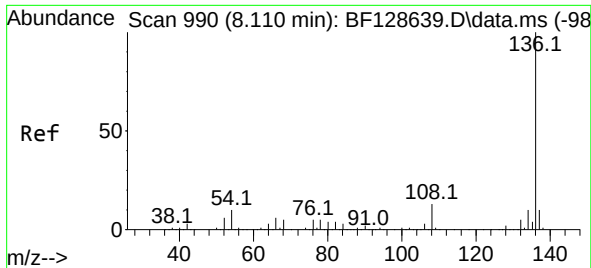
Tgt Ion: 99 Resp: 813837  
Ion Ratio Lower Upper  
99 100  
42 25.2 17.3 25.9  
71 45.3 28.9 43.3#



#19  
n-Nitroso-di-n-propylamine  
Concen: 26.136 ng  
RT: 7.386 min Scan# 867  
Delta R.T. 0.141 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

Tgt Ion: 70 Resp: 84676  
Ion Ratio Lower Upper  
70 100  
42 57.4 52.3 78.5  
101 0.0 7.5 11.3#  
130 1.9 16.1 24.1#

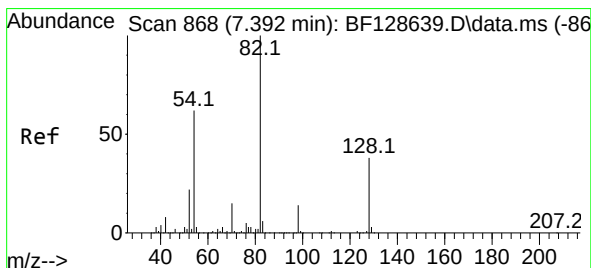
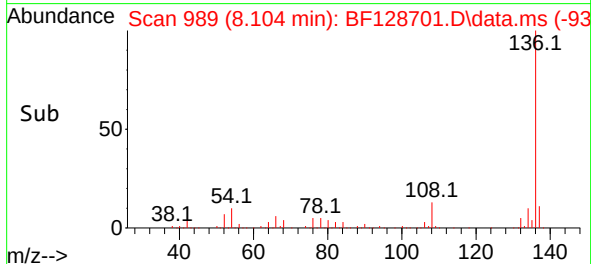
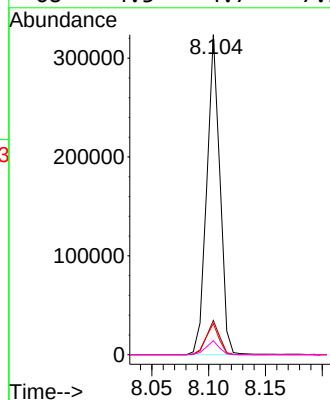
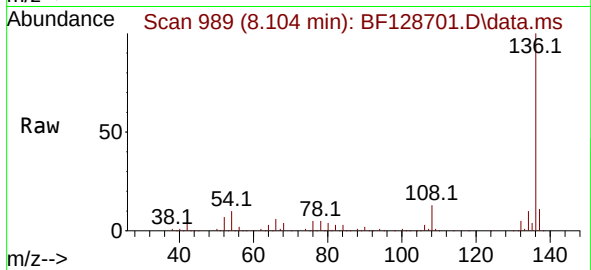




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.104 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

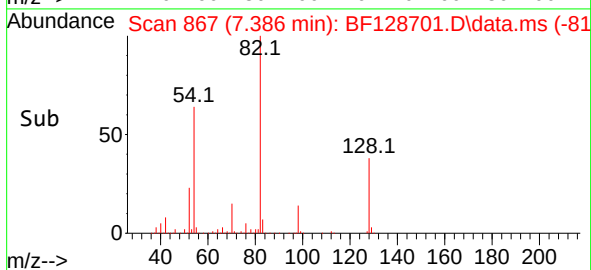
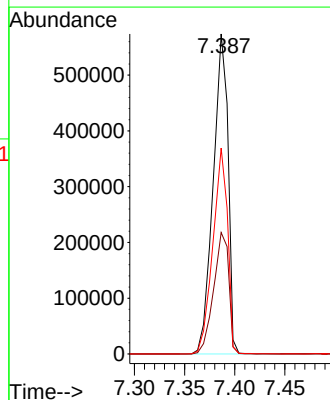
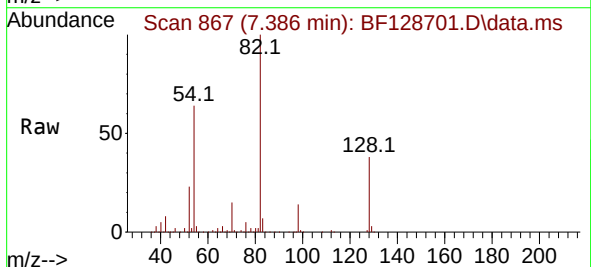
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

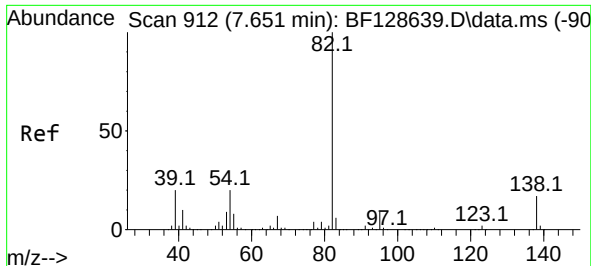
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 259576 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.7  | 8.8   | 13.2   |
| 54       | 9.7   | 7.5   | 11.3   |
| 68       | 4.3   | 4.7   | 7.1    |



#23  
Nitrobenzene-d5  
Concen: 106.186 ng  
RT: 7.386 min Scan# 867  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 592015 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 37.9  | 34.0  | 51.0   |
| 54       | 64.3  | 46.9  | 70.3   |

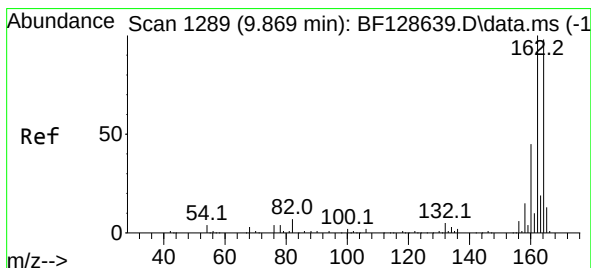
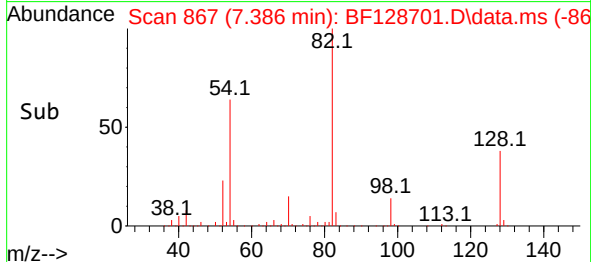
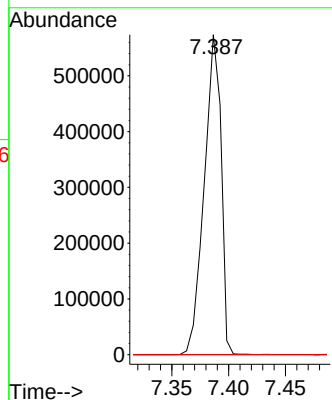
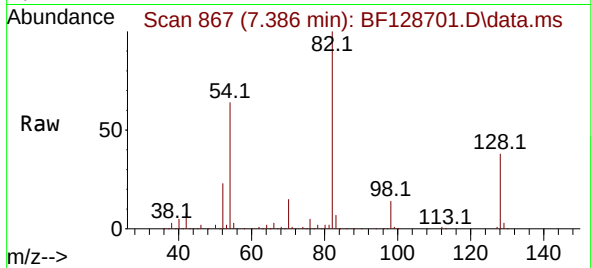




#25  
Isophorone  
Concen: 69.776 ng  
RT: 7.386 min Scan# 80  
Delta R.T. -0.265 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

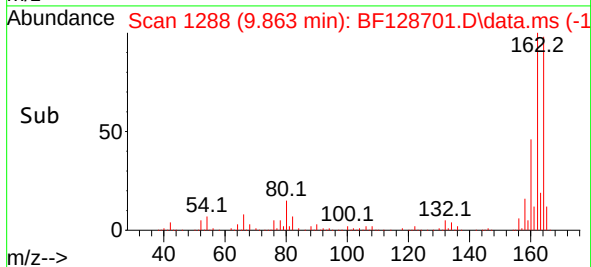
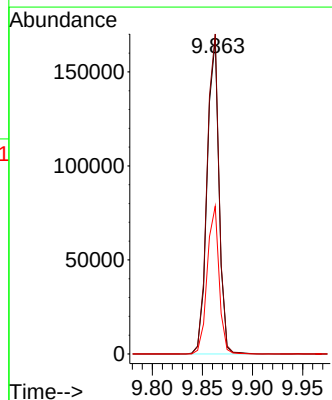
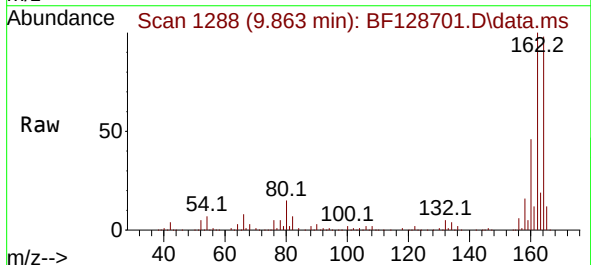
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

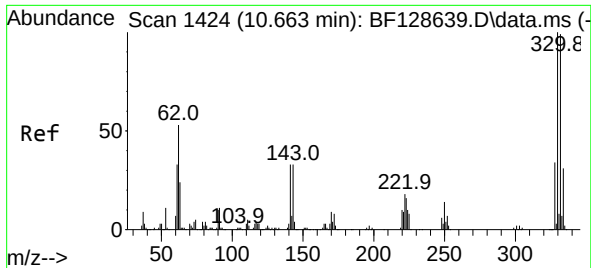
Tgt Ion: 82 Resp: 590834  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.7 8.5#  
138 0.0 14.2 21.2#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.863 min Scan# 1288  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

Tgt Ion:164 Resp: 138962  
Ion Ratio Lower Upper  
164 100  
162 101.7 79.5 119.3  
160 46.9 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 130.761 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128701.D

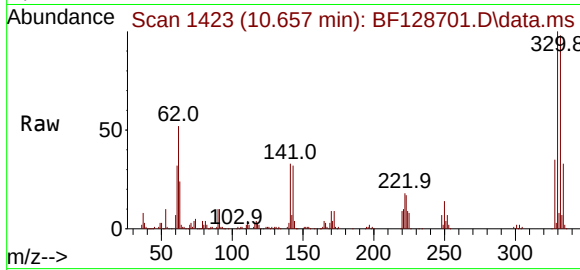
Acq: 06 Jun 2022 17:29

Instrument :

BNA\_F

ClientSampleId :

20220414-COMPOSITE-C



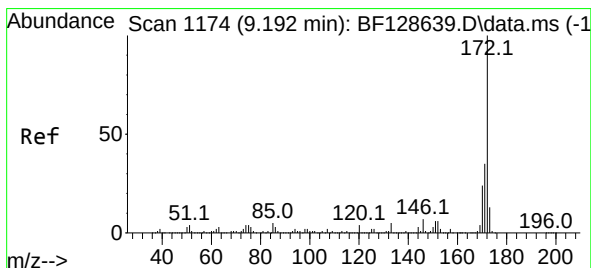
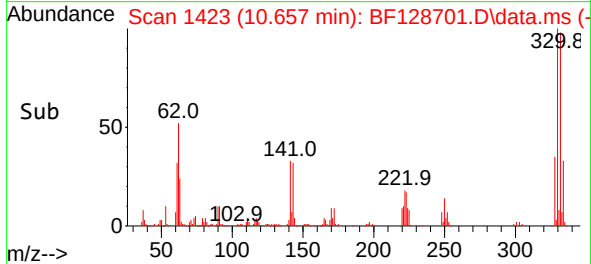
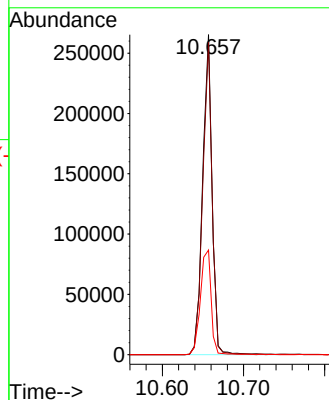
Tgt Ion:330 Resp: 214698

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 37.4 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 95.614 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128701.D

Acq: 06 Jun 2022 17:29

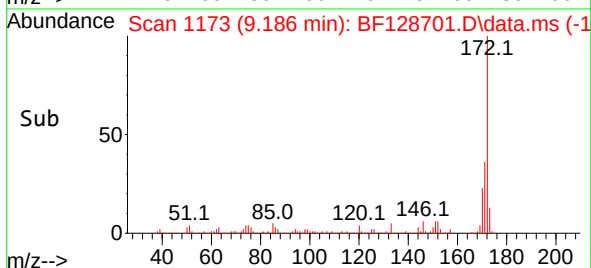
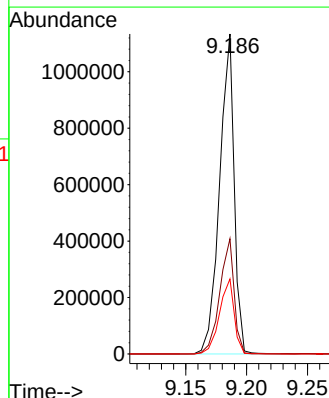
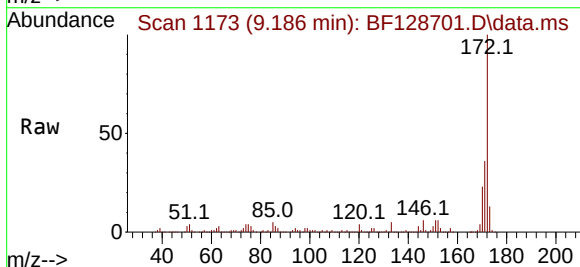
Tgt Ion:172 Resp: 948506

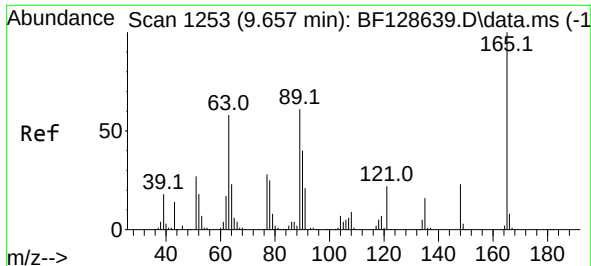
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.728 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128701.D

Acq: 06 Jun 2022 17:29

Instrument :

BNA\_F

ClientSampleId :

20220414-COMPOSITE-C

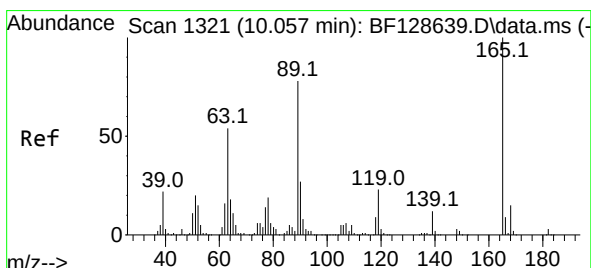
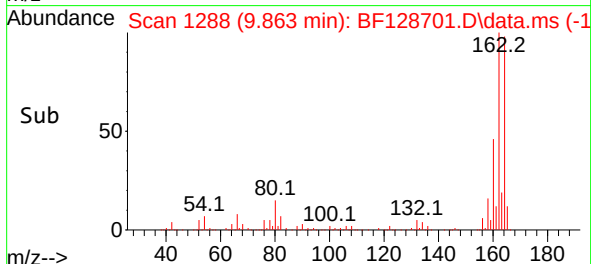
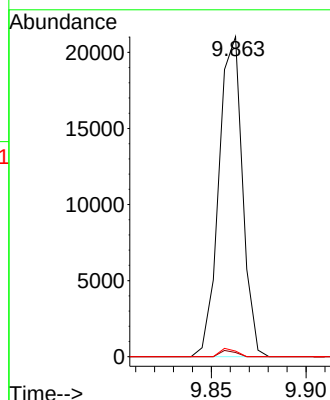
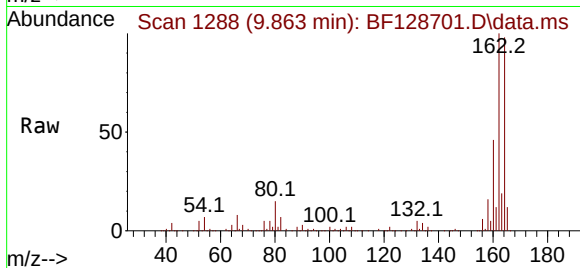
Tgt Ion:165 Resp: 18262

Ion Ratio Lower Upper

165 100

63 1.3 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.289 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128701.D

Acq: 06 Jun 2022 17:29

Tgt Ion:165 Resp: 18262

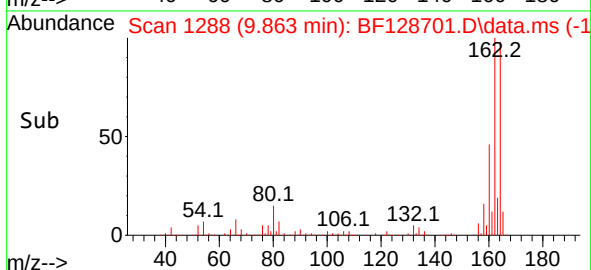
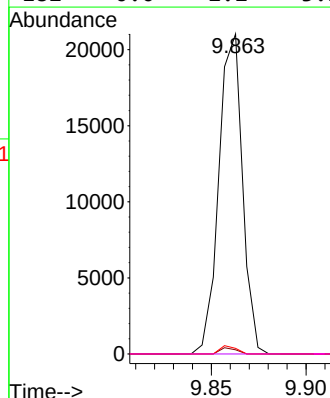
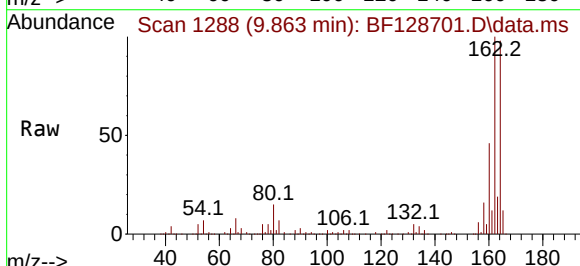
Ion Ratio Lower Upper

165 100

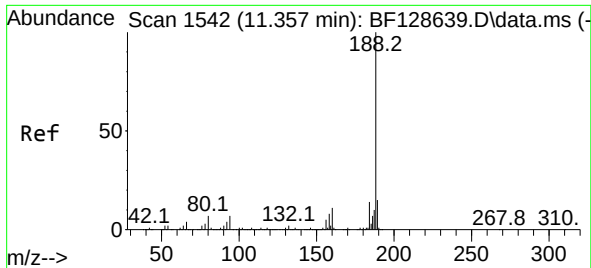
63 1.3 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#



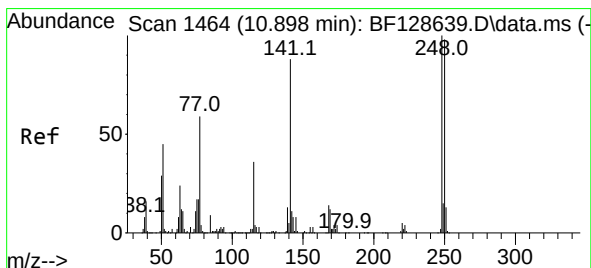
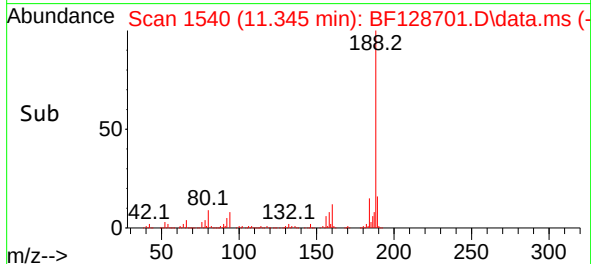
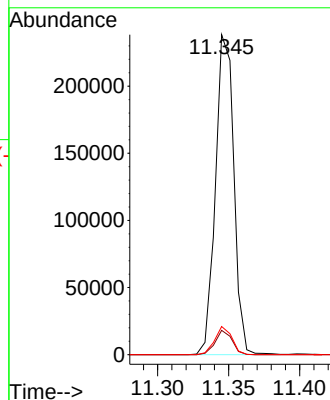
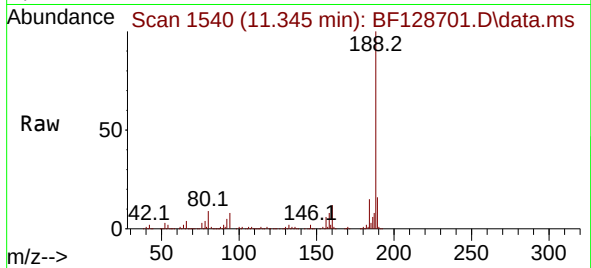




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.345 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

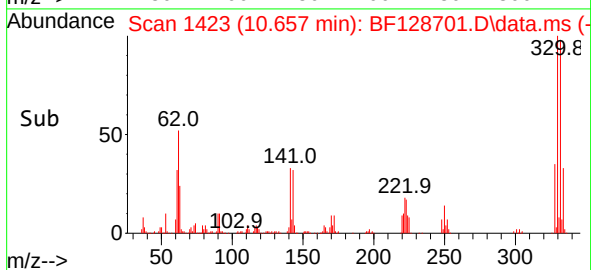
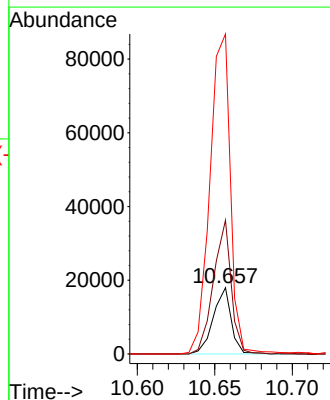
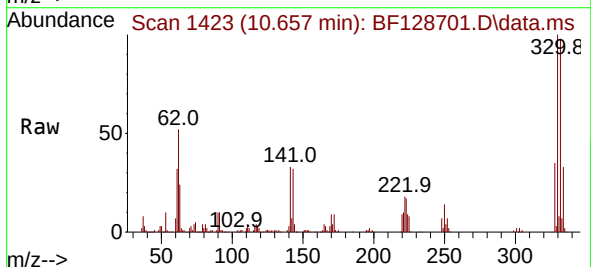
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

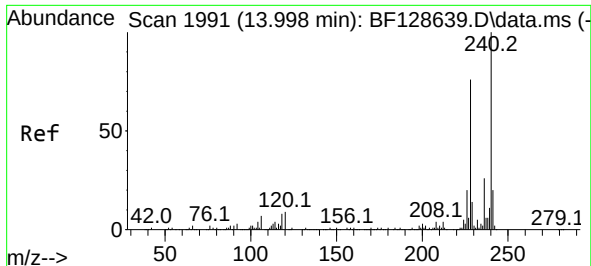
Tgt Ion:188 Resp: 214470  
Ion Ratio Lower Upper  
188 100  
94 7.6 7.0 10.6  
80 8.8 7.6 11.4



#67  
4-Bromophenyl-phenylether  
Concen: 6.083 ng  
RT: 10.657 min Scan# 1423  
Delta R.T. -0.241 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

Tgt Ion:248 Resp: 14548  
Ion Ratio Lower Upper  
248 100  
250 201.9 80.6 120.8#  
141 483.2 58.9 88.3#

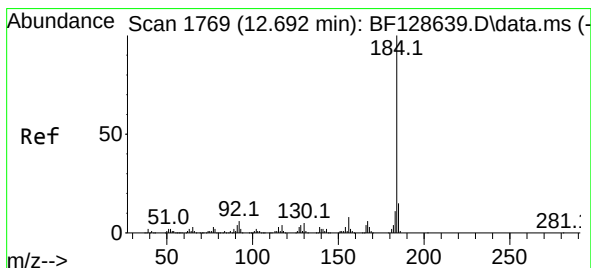
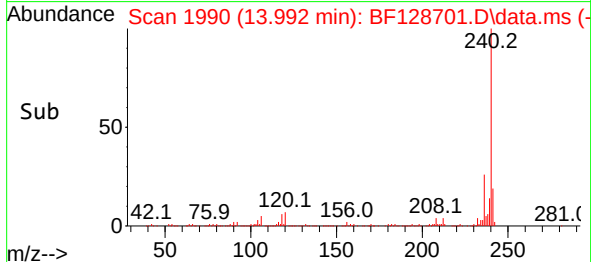
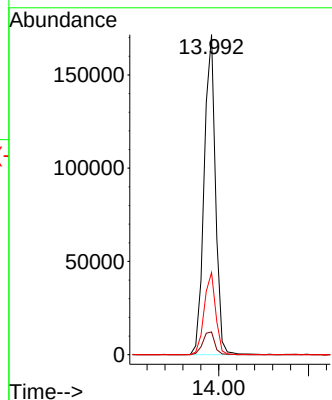
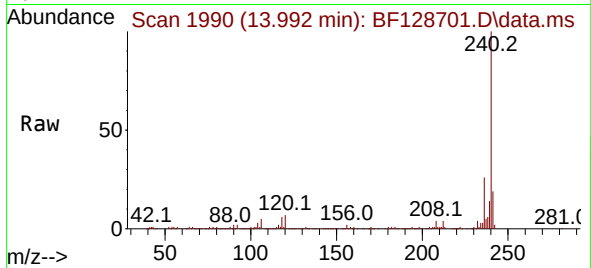




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 1811  
Delta R.T. -0.006 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

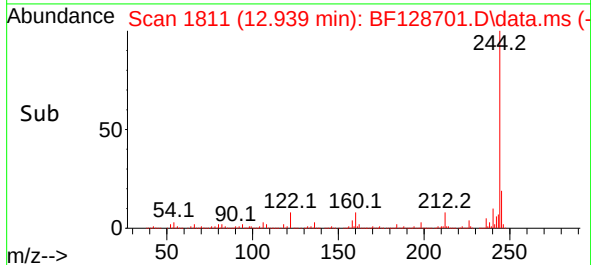
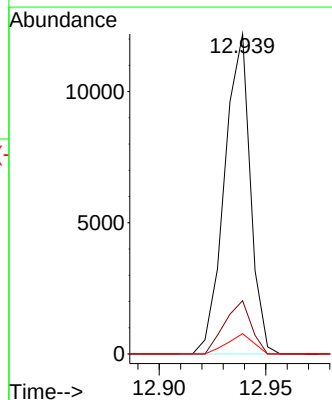
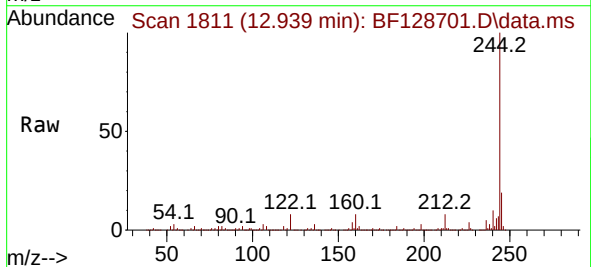
Instrument :  
BNA\_F  
ClientSampleId :  
20220414-COMPOSITE-C

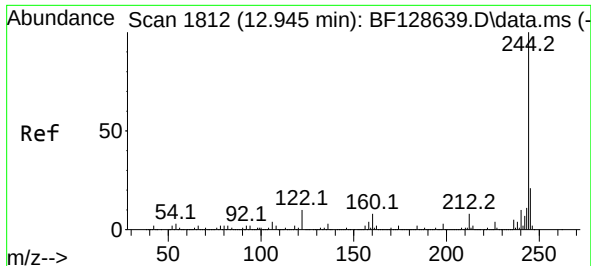
Tgt Ion:240 Resp: 150108  
Ion Ratio Lower Upper  
240 100  
120 7.1 8.9 13.3#  
236 25.7 20.8 31.2



#77  
Benzidine  
Concen: 3.423 ng  
RT: 12.939 min Scan# 1811  
Delta R.T. 0.247 min  
Lab File: BF128701.D  
Acq: 06 Jun 2022 17:29

Tgt Ion:184 Resp: 10242  
Ion Ratio Lower Upper  
184 100  
185 16.7 11.9 17.9  
183 6.4 9.3 13.9#

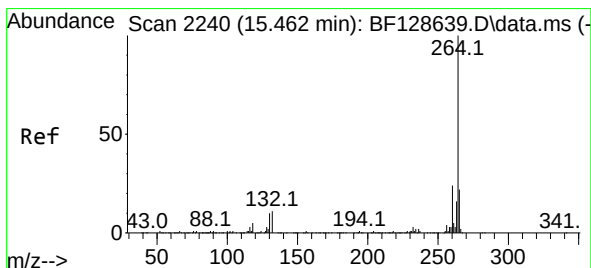
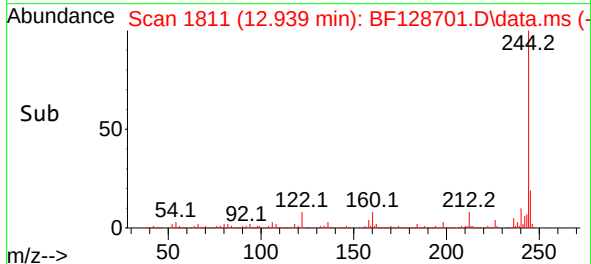
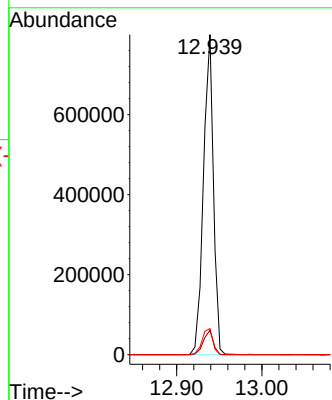
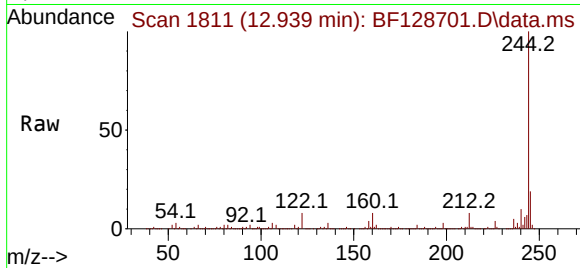




#79  
 Terphenyl-d14  
 Concen: 75.162 ng  
 RT: 12.939 min Scan# 1811  
 Delta R.T. -0.006 min  
 Lab File: BF128701.D  
 Acq: 06 Jun 2022 17:29

Instrument :  
 BNA\_F  
 ClientSampleId :  
 20220414-COMPOSITE-C

Tgt Ion:244 Resp: 649293  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 6.1 9.1  
 122 8.2 8.8 13.2#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.457 min Scan# 2239  
 Delta R.T. -0.005 min  
 Lab File: BF128701.D  
 Acq: 06 Jun 2022 17:29

Tgt Ion:264 Resp: 166395  
 Ion Ratio Lower Upper  
 264 100  
 260 22.6 18.4 27.6  
 265 21.3 17.2 25.8

