

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
 Data File : BF128241.D  
 Acq On : 13 May 2022 16:14  
 Operator : CG\JU  
 Sample : N2823-11  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-11

Quant Time: May 14 00:56:10 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat May 14 00:51:21 2022  
 Response via : Initial Calibration

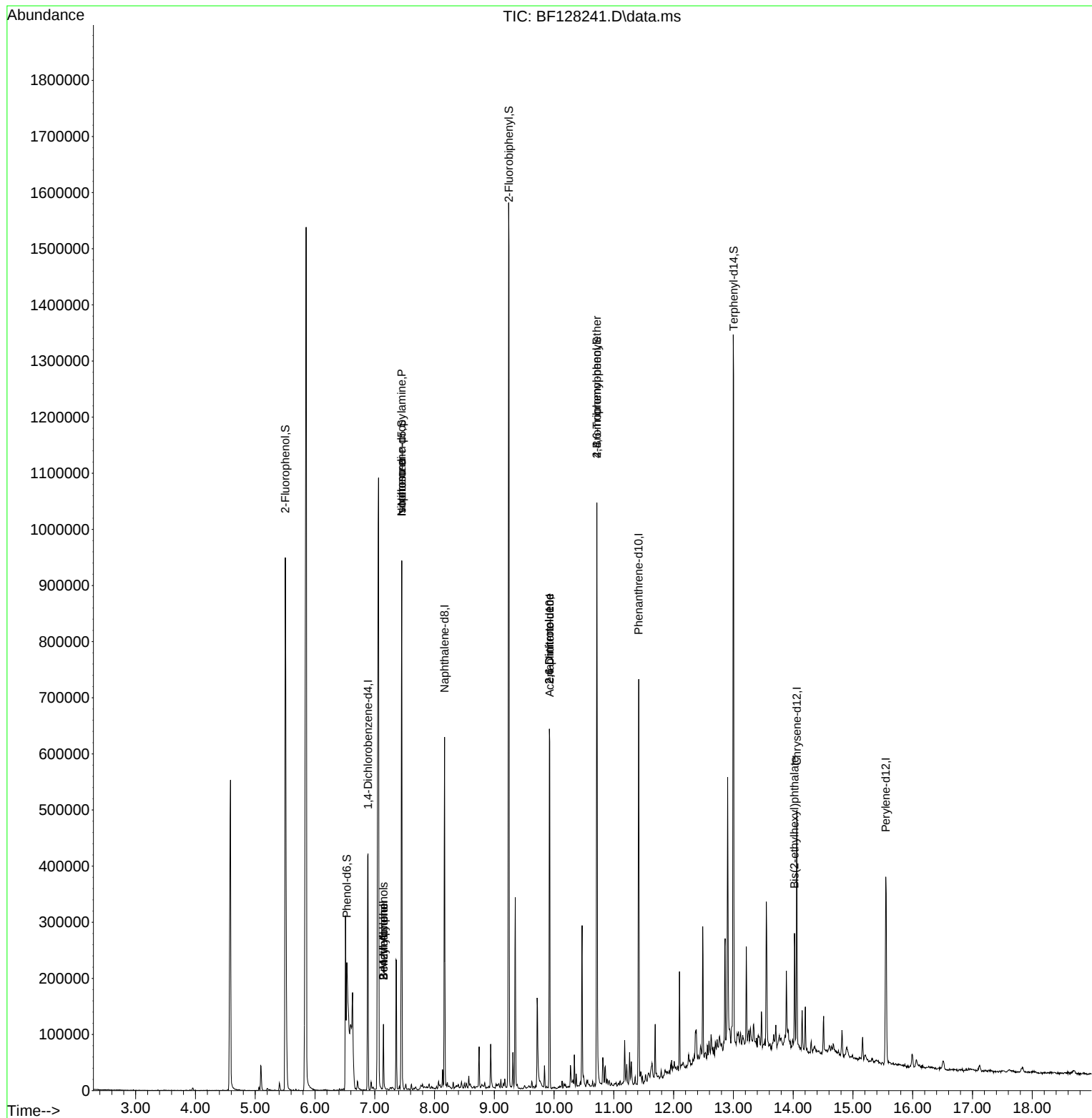
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.886  | 152  | 58899    | 20.000    | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.169  | 136  | 231802   | 20.000    | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.927  | 164  | 132402   | 20.000    | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.416 | 188  | 235859   | 20.000    | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.062 | 240  | 135795   | 20.000    | ng    | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 141302   | 20.000    | ng    | -0.01    |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.504  | 112  | 290850   | 78.720    | ng    | 0.00     |
| 7) Phenol-d6                  | 6.534  | 99   | 104276   | 21.338    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.451  | 82   | 277348   | 53.838    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 106307   | 70.008    | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.245  | 172  | 475960   | 56.248    | ng    | 0.00     |
| 79) Terphenyl-d14             | 13.004 | 244  | 443051   | 61.221    | ng    | 0.00     |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.539  | 77   | 279      | Below Cal | #     | 3        |
| 15) Benzyl Alcohol            | 7.145  | 79   | 8328     | 2.156     | ng    | # 1      |
| 17) 2-Methylphenol            | 7.145  | 107  | 15647    | 4.901     | ng    | 98       |
| 19) n-Nitroso-di-n-propyla... | 7.451  | 70   | 37454    | 12.445    | ng    | # 79     |
| 20) 3+4-Methylphenols         | 7.145  | 107  | 15647    | 3.958     | ng    | # 71     |
| 25) Isophorone                | 7.451  | 82   | 277343   | 34.340    | ng    | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.922  | 165  | 16339    | 8.718     | ng    | # 22     |
| 57) 2,4-Dinitrotoluene        | 9.922  | 165  | 16339    | 6.519     | ng    | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 6605     | 2.603     | ng    | # 1      |
| 84) Bis(2-ethylhexyl)phtha... | 14.021 | 149  | 54693    | 9.889     | ng    | 98       |
| -----                         |        |      |          |           |       |          |

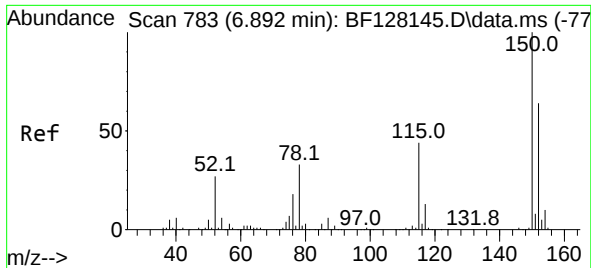
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051322\  
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ALS Vial : 7 Sample Multiplier: 1

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SC-11

Quant Time: May 14 00:56:10 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Sat May 14 00:51:21 2022  
Response via : Initial Calibration

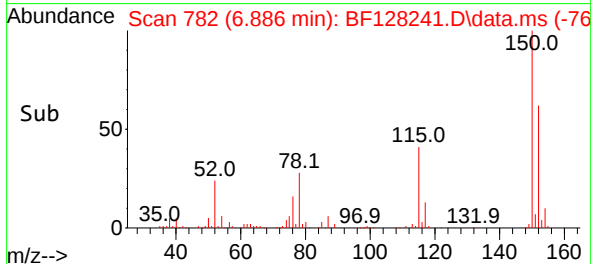
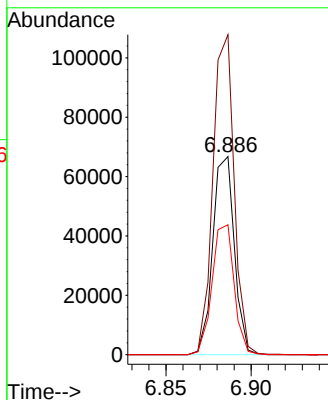
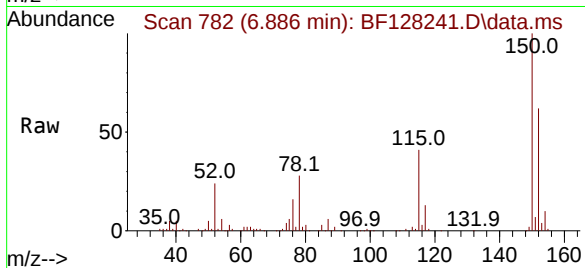




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.886 min Scan# 71  
 Delta R.T. -0.001 min  
 Lab File: BF128241.D  
 Acq: 13 May 2022 16:14

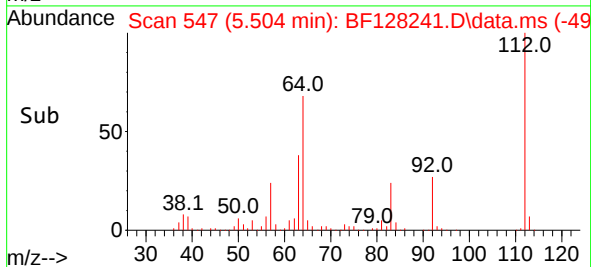
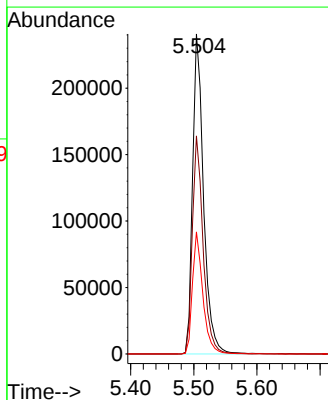
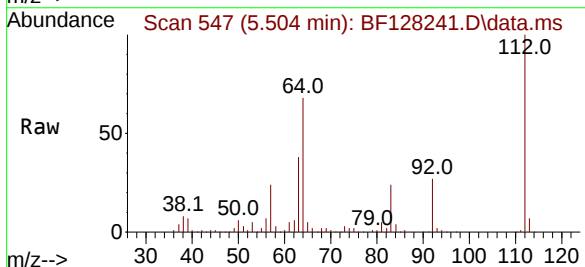
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-11

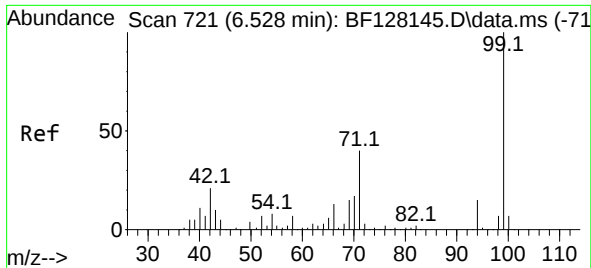
Tgt Ion:152 Resp: 58899  
 Ion Ratio Lower Upper  
 152 100  
 150 161.6 125.3 187.9  
 115 65.6 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 78.720 ng  
 RT: 5.504 min Scan# 547  
 Delta R.T. -0.006 min  
 Lab File: BF128241.D  
 Acq: 13 May 2022 16:14

Tgt Ion:112 Resp: 290850  
 Ion Ratio Lower Upper  
 112 100  
 64 68.2 49.5 74.3  
 63 38.2 26.3 39.5





#7

Phenol-d6

Concen: 21.338 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

Instrument :

BNA\_F

ClientSampleId :

SC-11

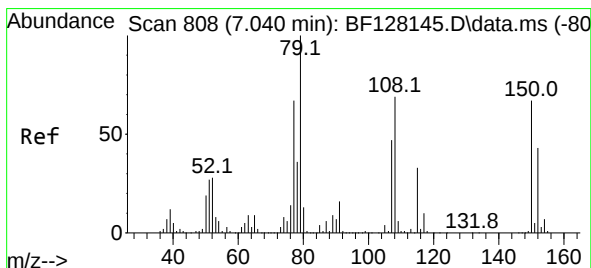
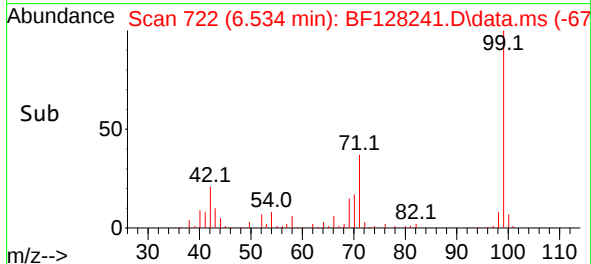
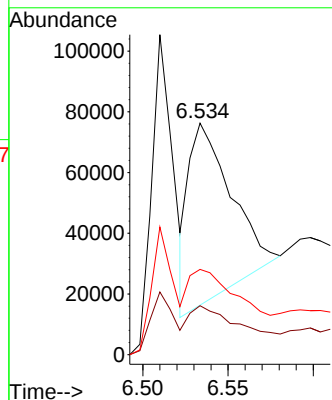
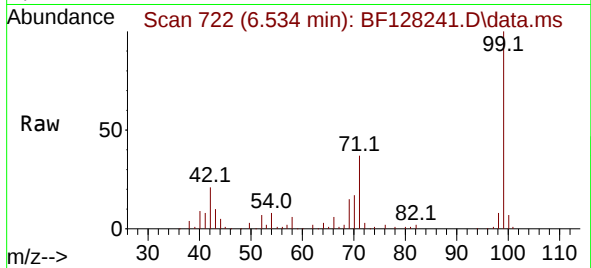
Tgt Ion: 99 Resp: 104276

Ion Ratio Lower Upper

99 100

42 21.1 16.6 24.8

71 36.9 30.0 45.0



#15

Benzyl Alcohol

Concen: 2.156 ng

RT: 7.145 min Scan# 826

Delta R.T. 0.112 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

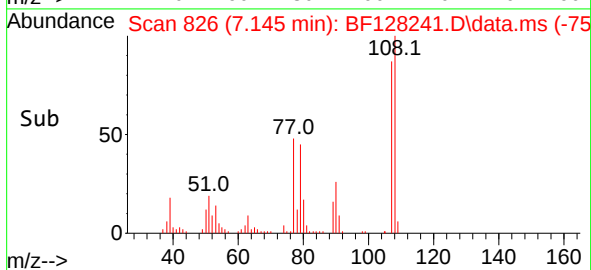
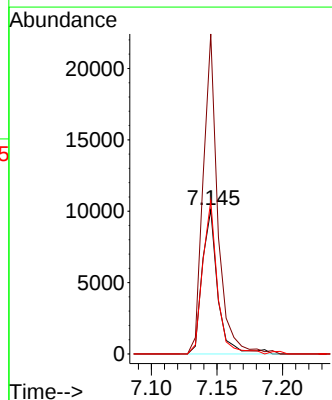
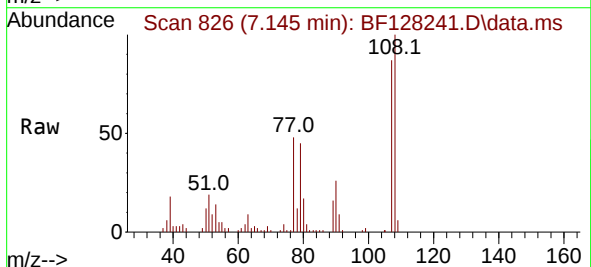
Tgt Ion: 79 Resp: 8328

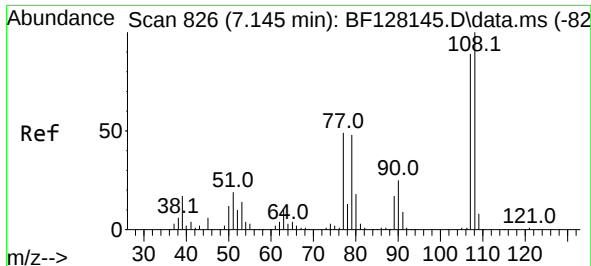
Ion Ratio Lower Upper

79 100

108 221.8 57.0 85.6#

77 106.3 50.2 75.4#

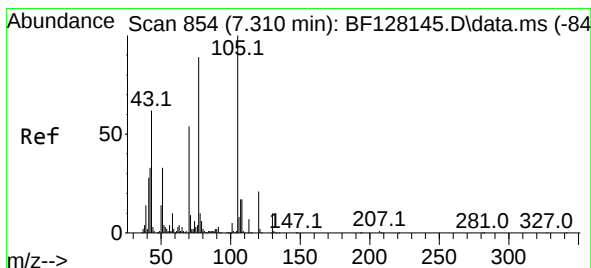
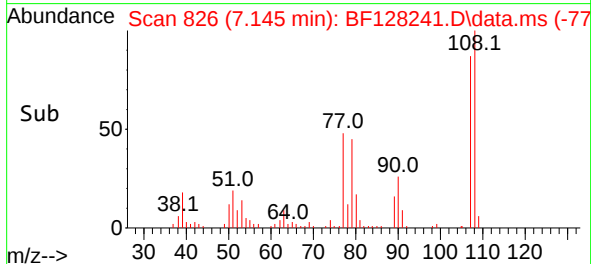
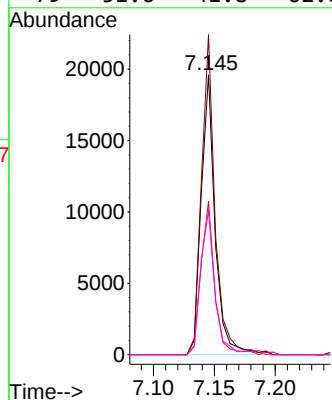
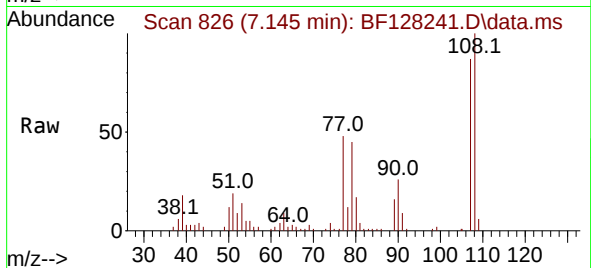




#17  
2-Methylphenol  
Concen: 4.901 ng  
RT: 7.145 min Scan# 81  
Delta R.T. -0.000 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

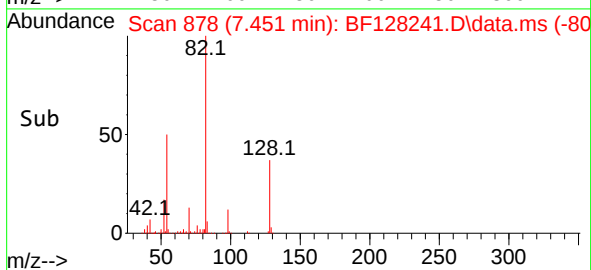
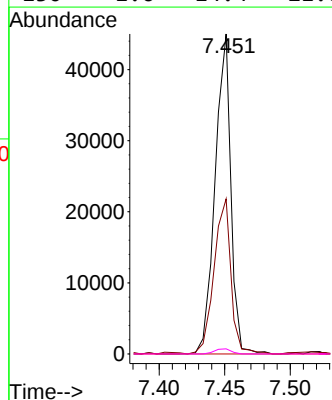
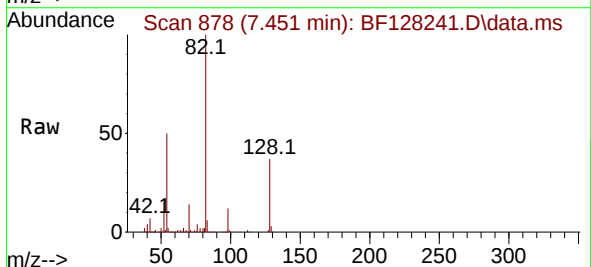
Instrument :  
BNA\_F  
ClientSampleId :  
SC-11

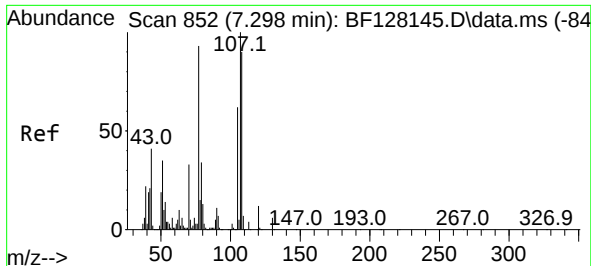
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 15647 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 114.4 | 90.2  | 135.2 |
| 77       | 54.8  | 41.9  | 62.9  |
| 79       | 51.6  | 41.8  | 62.8  |



#19  
n-Nitroso-di-n-propylamine  
Concen: 12.445 ng  
RT: 7.451 min Scan# 878  
Delta R.T. 0.147 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 37454 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 48.4  | 48.7  | 73.1# |
| 101      | 0.0   | 7.2   | 10.8# |
| 130      | 1.6   | 14.4  | 21.6# |

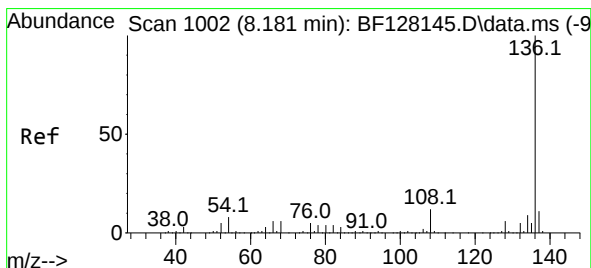
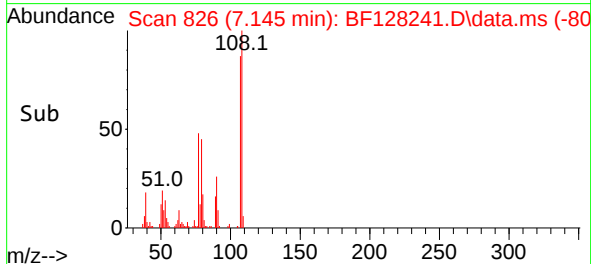
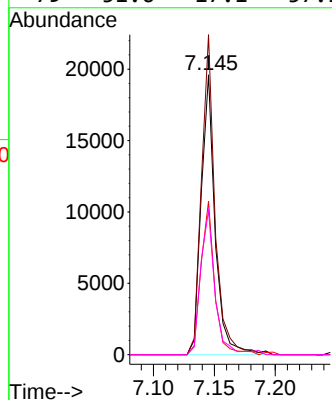
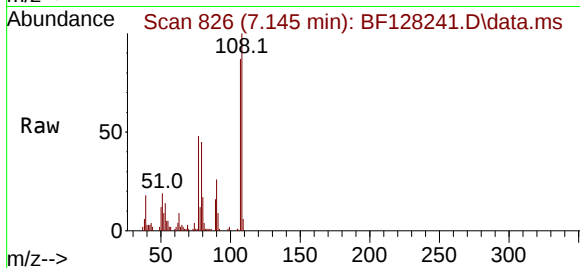




#20  
3+4-Methylphenols  
Concen: 3.958 ng  
RT: 7.145 min Scan# 81  
Delta R.T. -0.153 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

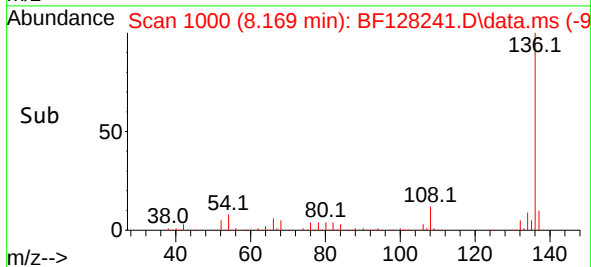
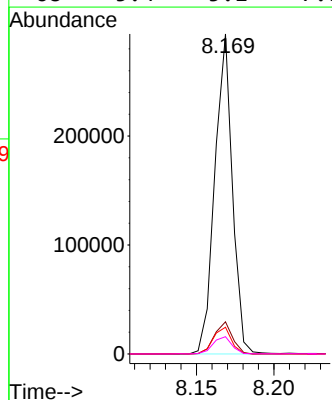
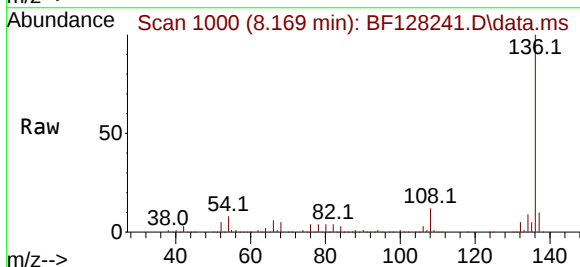
Instrument :  
BNA\_F  
ClientSampleId :  
SC-11

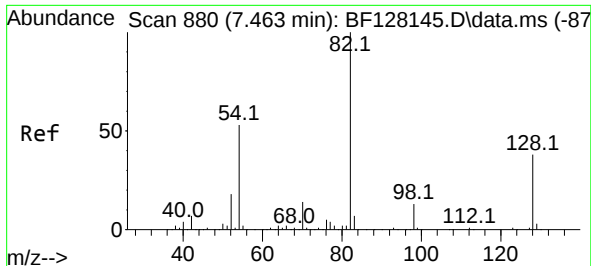
Tgt Ion:107 Resp: 15647  
Ion Ratio Lower Upper  
107 100  
108 114.4 73.4 113.4#  
77 54.8 71.1 111.1#  
79 51.6 17.1 57.1



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.169 min Scan# 1000  
Delta R.T. -0.006 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

Tgt Ion:136 Resp: 231802  
Ion Ratio Lower Upper  
136 100  
137 10.1 8.6 13.0  
54 8.4 6.8 10.2  
68 5.4 5.1 7.7

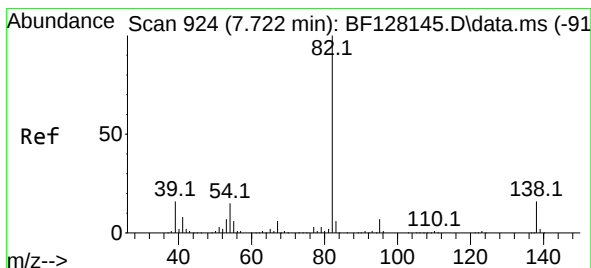
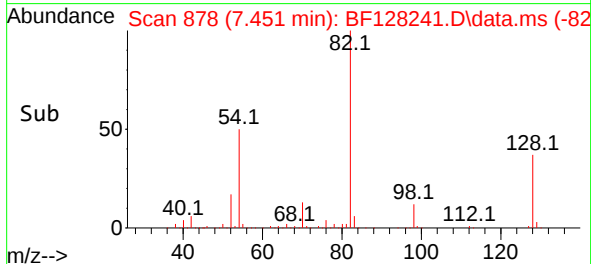
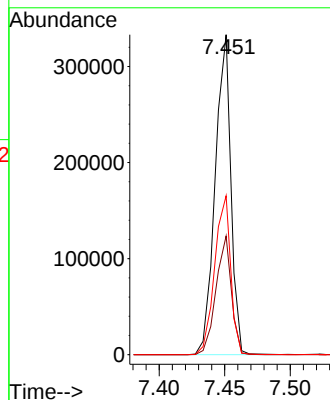
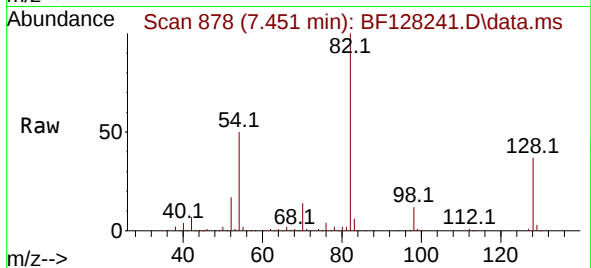




#23  
Nitrobenzene-d5  
Concen: 53.838 ng  
RT: 7.451 min Scan# 81  
Delta R.T. -0.012 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

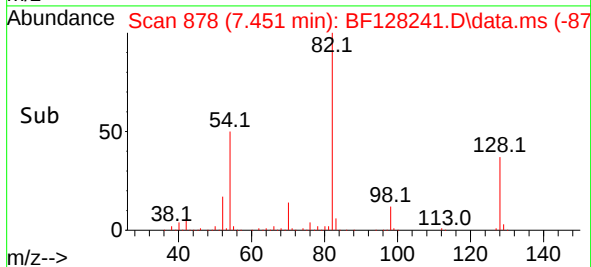
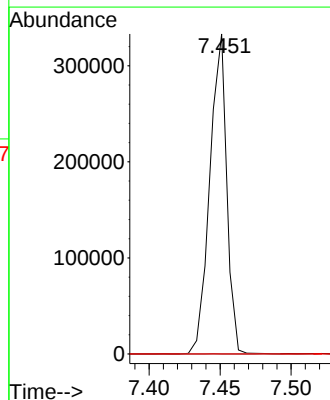
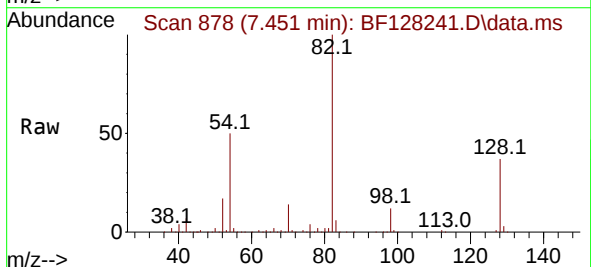
Instrument :  
BNA\_F  
ClientSampleId :  
SC-11

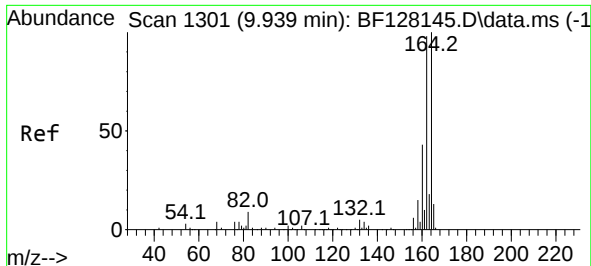
Tgt Ion: 82 Resp: 277348  
Ion Ratio Lower Upper  
82 100  
128 37.1 30.0 45.0  
54 49.6 41.3 61.9



#25  
Isophorone  
Concen: 34.340 ng  
RT: 7.451 min Scan# 878  
Delta R.T. -0.265 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

Tgt Ion: 82 Resp: 277343  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

Instrument :

BNA\_F

ClientSampleId :

SC-11

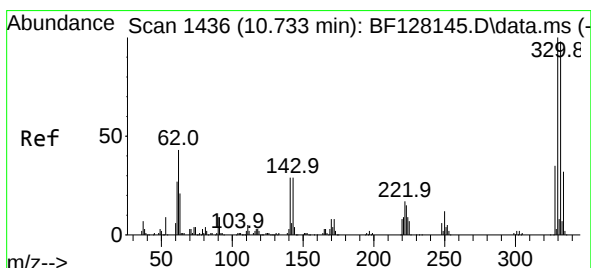
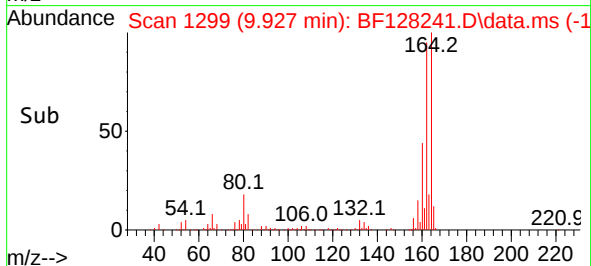
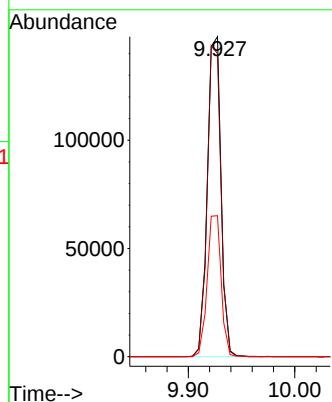
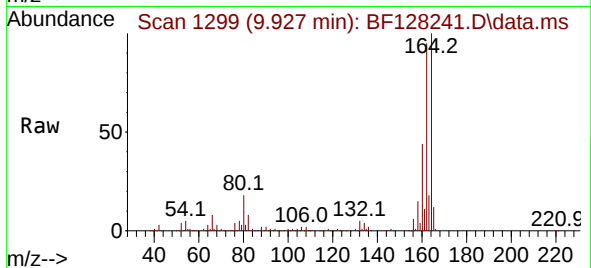
Tgt Ion:164 Resp: 132402

Ion Ratio Lower Upper

164 100

162 94.8 76.0 114.0

160 44.0 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 70.008 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.012 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

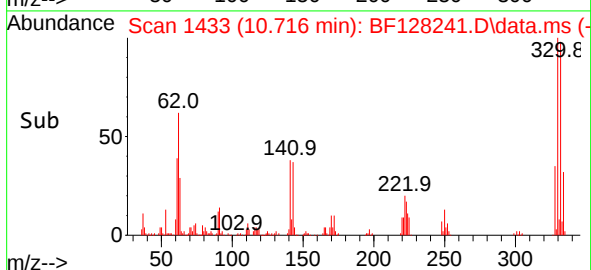
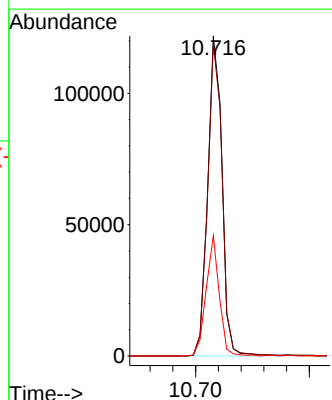
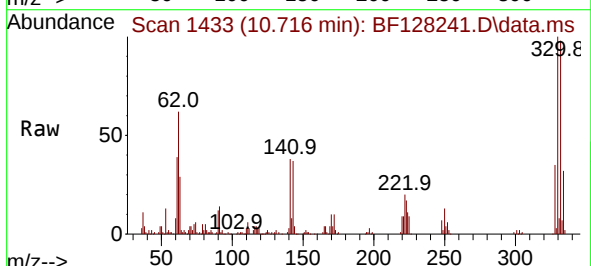
Tgt Ion:330 Resp: 106307

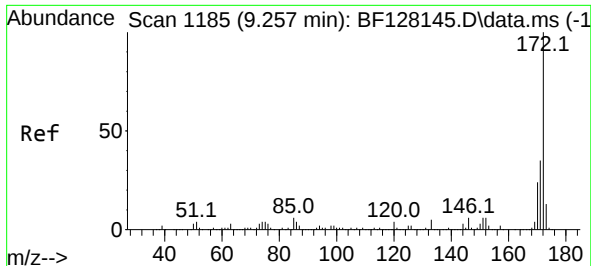
Ion Ratio Lower Upper

330 100

332 99.1 79.0 118.4

141 34.6 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 56.248 ng

RT: 9.245 min Scan# 1183

Delta R.T. -0.006 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

Instrument :

BNA\_F

ClientSampleId :

SC-11

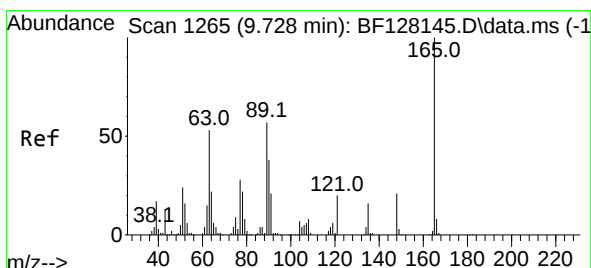
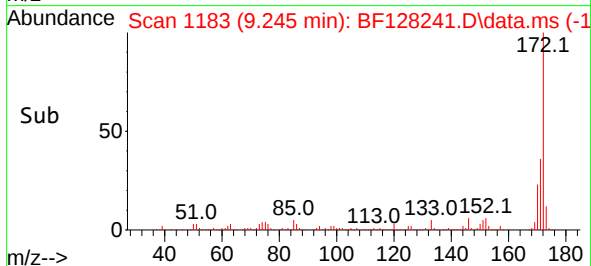
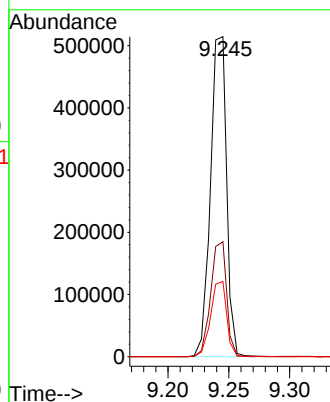
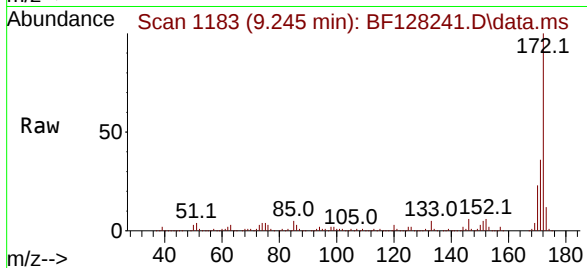
Tgt Ion:172 Resp: 475960

Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.718 ng

RT: 9.922 min Scan# 1298

Delta R.T. 0.200 min

Lab File: BF128241.D

Acq: 13 May 2022 16:14

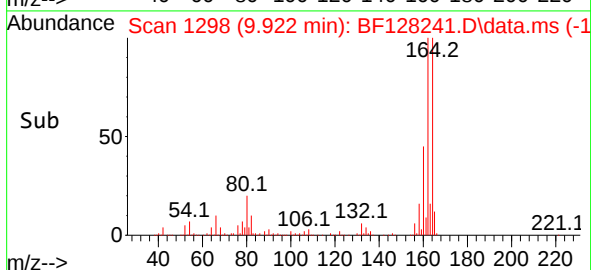
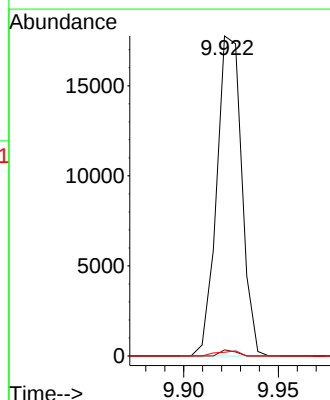
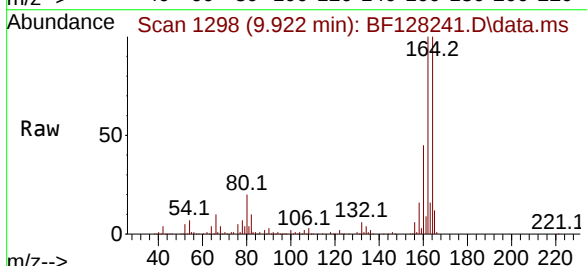
Tgt Ion:165 Resp: 16339

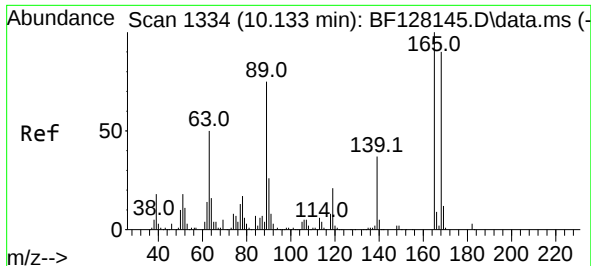
Ion Ratio Lower Upper

165 100

63 1.9 49.5 74.3#

89 1.2 49.0 73.4#

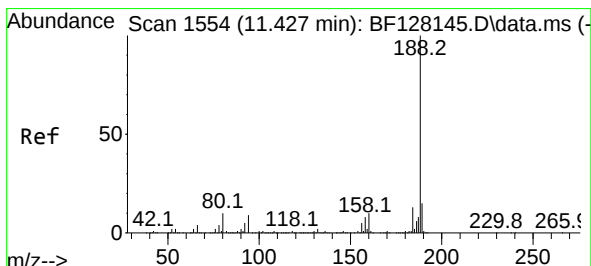
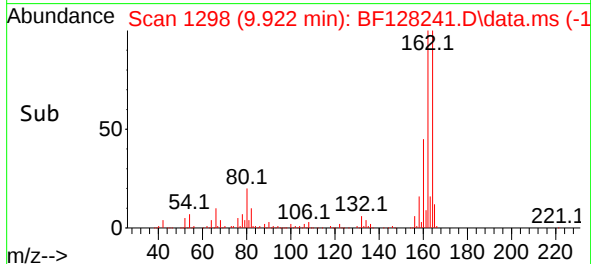
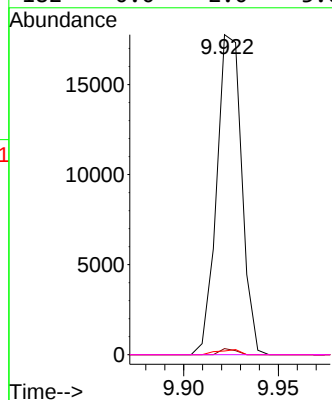
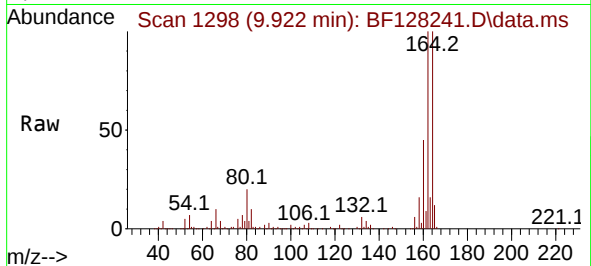




#57  
2,4-Dinitrotoluene  
Concen: 6.519 ng  
RT: 9.922 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

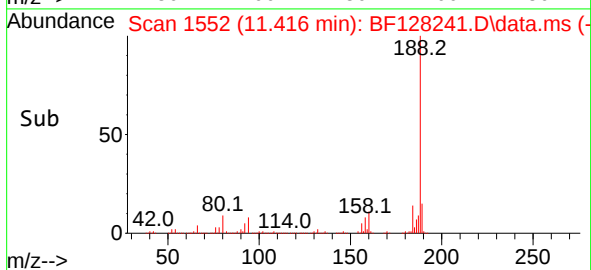
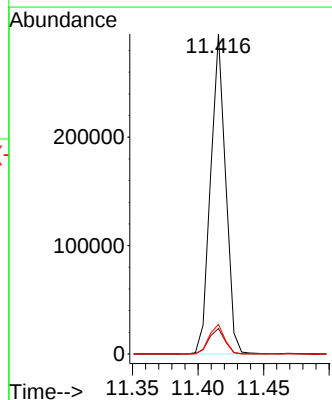
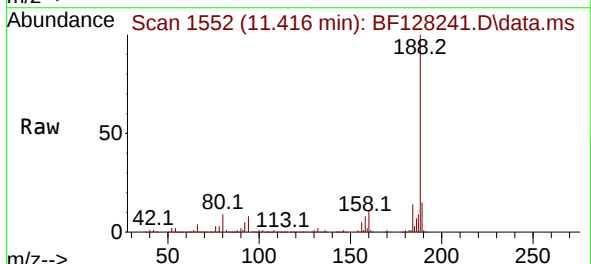
Instrument :  
BNA\_F  
ClientSampleId :  
SC-11

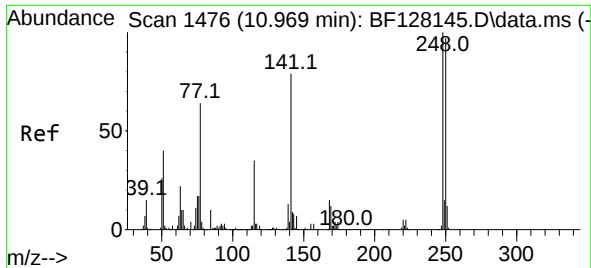
Tgt Ion:165 Resp: 16339  
Ion Ratio Lower Upper  
165 100  
63 1.9 32.6 49.0#  
89 1.2 55.2 82.8#  
182 0.0 2.0 3.0#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.416 min Scan# 1552  
Delta R.T. -0.006 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

Tgt Ion:188 Resp: 235859  
Ion Ratio Lower Upper  
188 100  
94 7.9 8.0 12.0#  
80 9.3 8.9 13.3

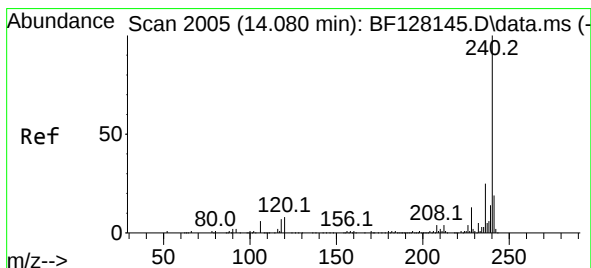
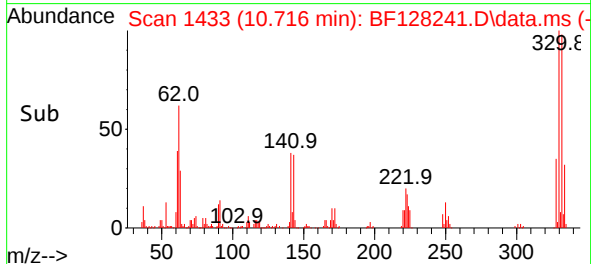
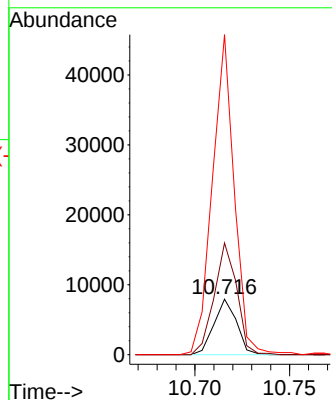
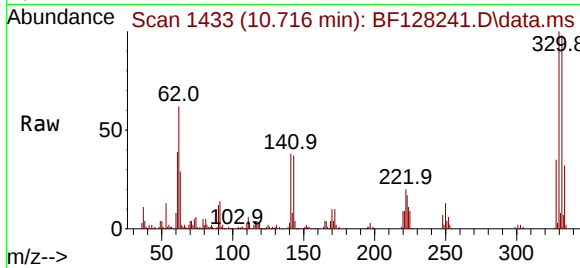




#67  
4-Bromophenyl-phenylether  
Concen: 2.603 ng  
RT: 10.716 min Scan# 1476  
Delta R.T. -0.247 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

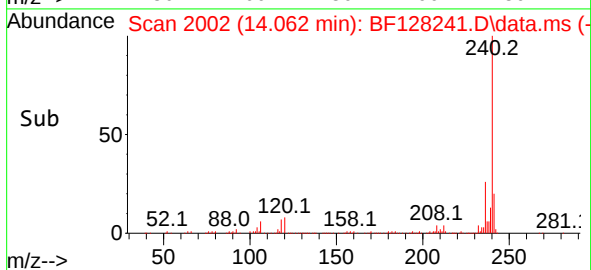
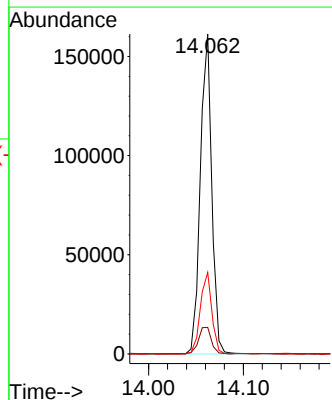
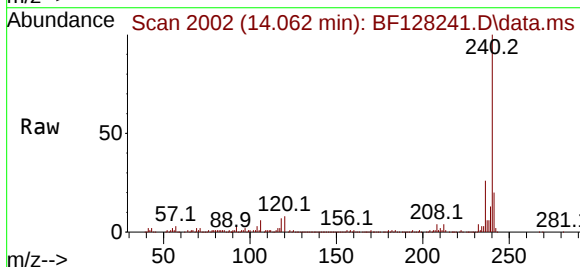
Instrument :  
BNA\_F  
ClientSampleId :  
SC-11

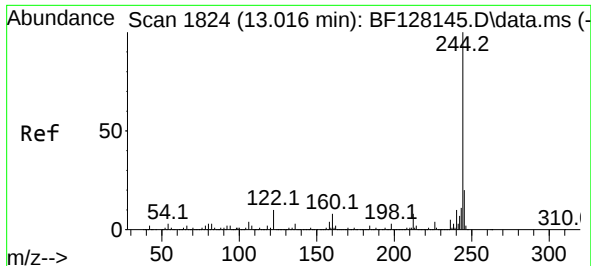
Tgt Ion:248 Resp: 6605  
Ion Ratio Lower Upper  
248 100  
250 200.9 77.7 116.5#  
141 575.9 65.6 98.4#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.062 min Scan# 2002  
Delta R.T. -0.006 min  
Lab File: BF128241.D  
Acq: 13 May 2022 16:14

Tgt Ion:240 Resp: 135795  
Ion Ratio Lower Upper  
240 100  
120 8.3 7.0 10.6  
236 25.5 20.3 30.5

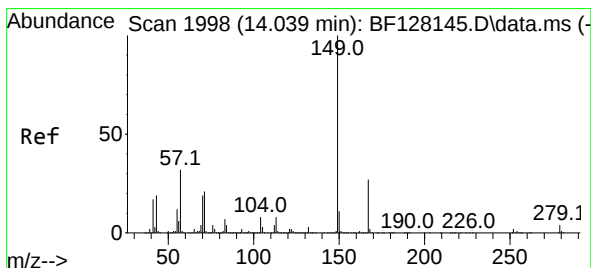
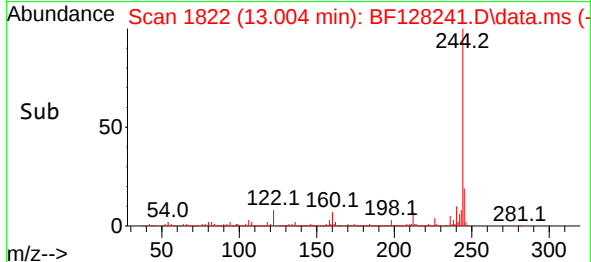
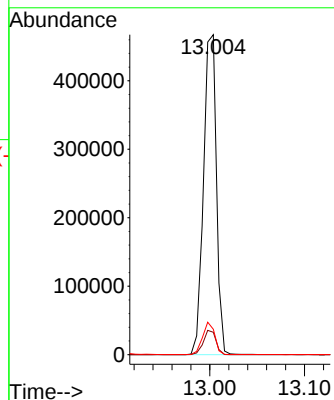
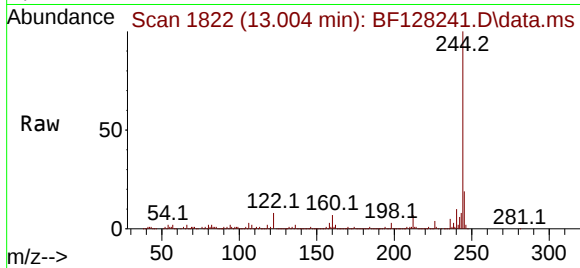




#79  
 Terphenyl-d14  
 Concen: 61.221 ng  
 RT: 13.004 min Scan# 1822  
 Delta R.T. -0.006 min  
 Lab File: BF128241.D  
 Acq: 13 May 2022 16:14

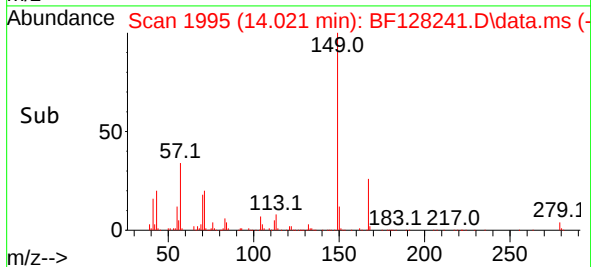
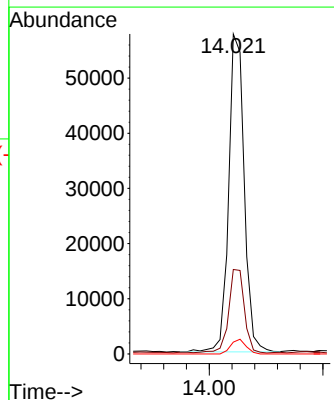
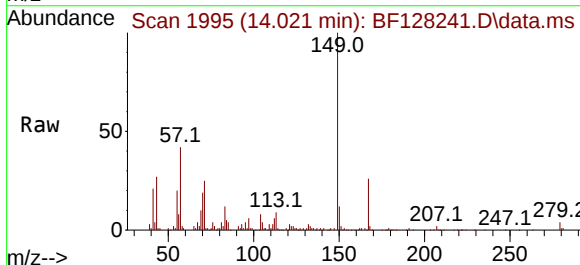
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SC-11

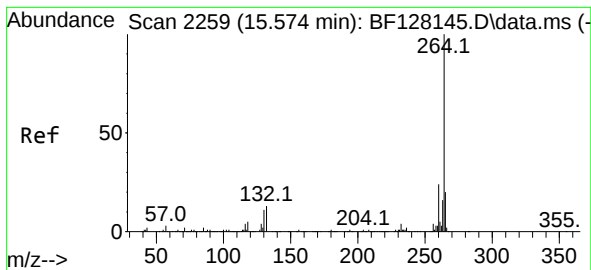
Tgt Ion:244 Resp: 443051  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 6.2 9.4  
 122 7.9 8.6 12.8#



#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 9.889 ng  
 RT: 14.021 min Scan# 1995  
 Delta R.T. -0.006 min  
 Lab File: BF128241.D  
 Acq: 13 May 2022 16:14

Tgt Ion:149 Resp: 54693  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 22.0 33.0  
 279 3.7 3.4 5.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF128241.D

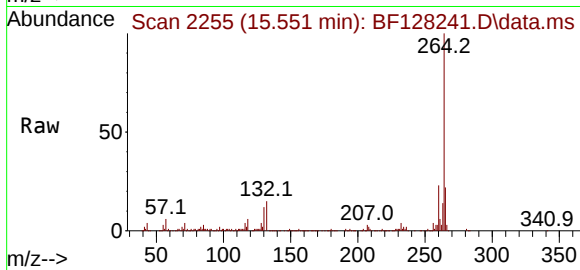
Acq: 13 May 2022 16:14

Instrument :

BNA\_F

ClientSampleId :

SC-11



Tgt Ion:264 Resp: 141302

Ion Ratio Lower Upper

264 100

260 23.1 20.1 30.1

265 21.5 17.5 26.3

