

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
 Data File : BF128301.D  
 Acq On : 17 May 2022 20:11  
 Operator : CG\JU  
 Sample : N2878-06  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS020-0006-01

Quant Time: May 18 01:34:57 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed May 18 01:31:11 2022  
 Response via : Initial Calibration

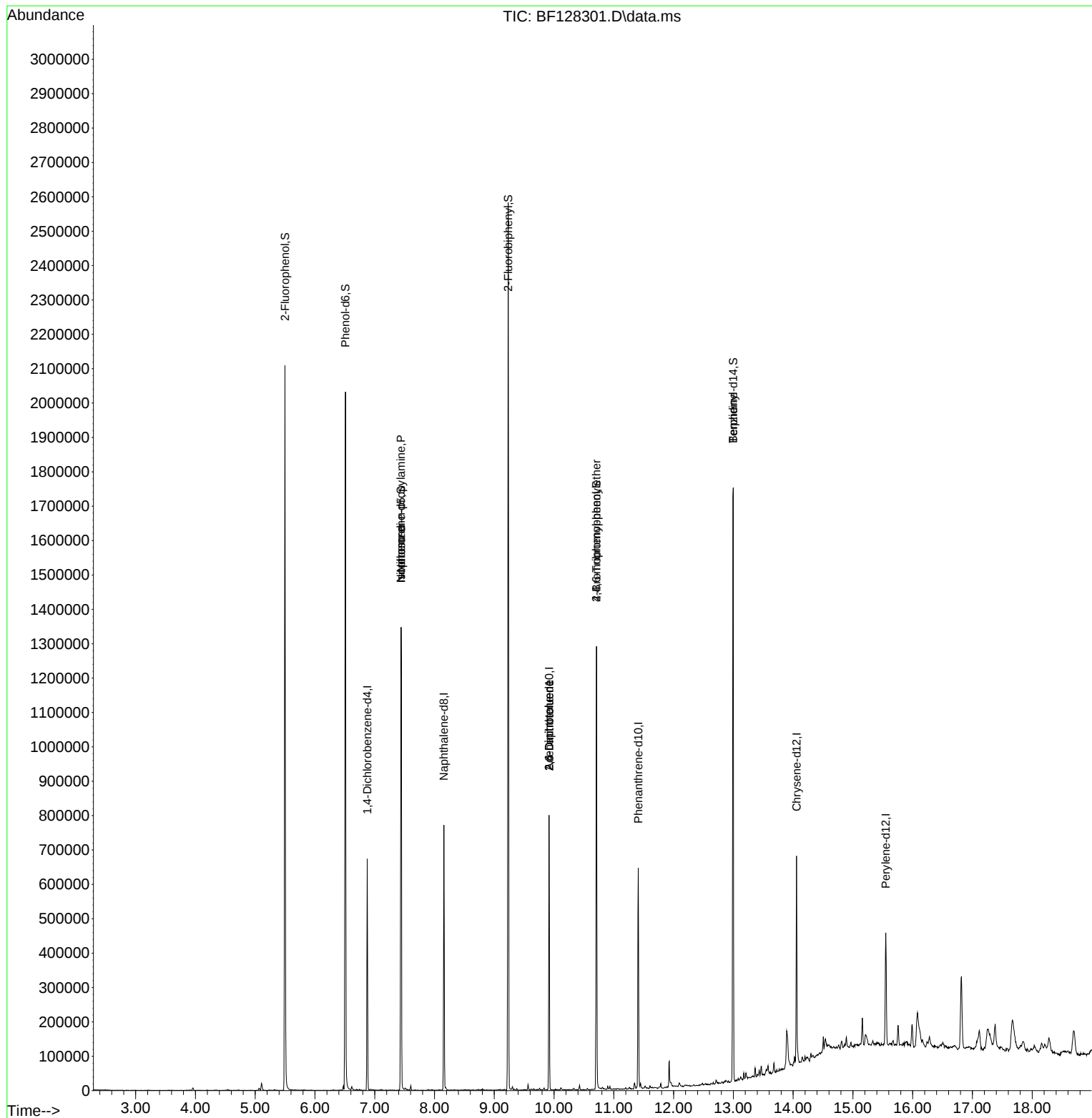
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 79675    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 298752   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.916  | 164  | 150133   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 223126   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.057 | 240  | 193086   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.551 | 264  | 136807   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.499  | 112  | 481605   | 96.359    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.510  | 99   | 620673   | 93.890    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.440  | 82   | 455206   | 68.561    | ng     | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.710 | 330  | 136774   | 79.435    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.234  | 172  | 700108   | 72.966    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 620648   | 60.315    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.446  | 77   | 198      | Below Cal | #      | 41       |
| 19) n-Nitroso-di-n-propyla... | 7.440  | 70   | 62315    | 15.307    | ng     | # 82     |
| 25) Isophorone                | 7.440  | 82   | 455200   | 43.731    | ng     | # 68     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 20086    | 9.451     | ng     | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 20086    | 7.068     | ng     | # 26     |
| 67) 4-Bromophenyl-phenylether | 10.710 | 248  | 8488     | 3.536     | ng     | # 1      |
| 77) Benzidine                 | 12.998 | 184  | 9973     | 2.385     | ng     | # 94     |
| -----                         |        |      |          |           |        |          |

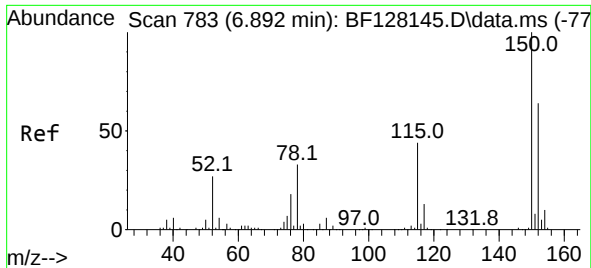
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051722\  
Data File : BF128301.D  
Acq On : 17 May 2022 20:11  
Operator : CG\JU  
Sample : N2878-06  
Misc :  
ALS Vial : 20 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

Quant Time: May 18 01:34:57 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed May 18 01:31:11 2022  
Response via : Initial Calibration

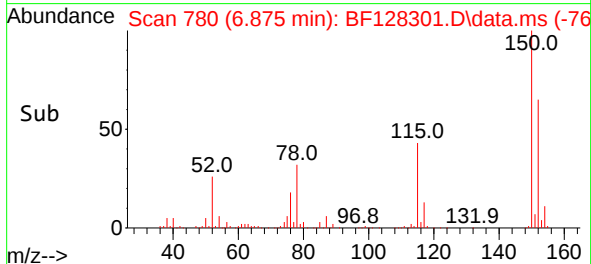
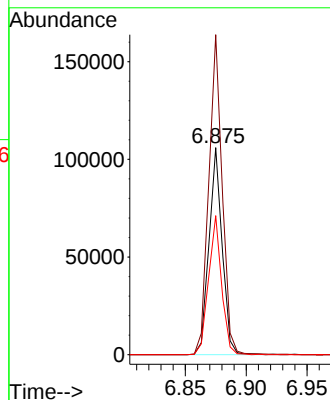
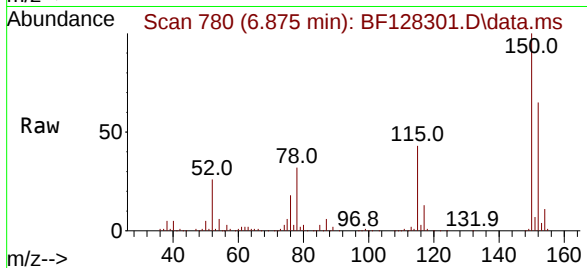




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF128301.D  
 Acq: 17 May 2022 20:11

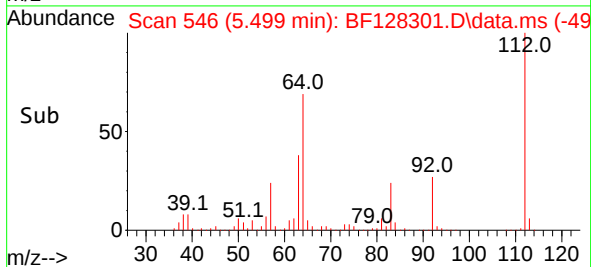
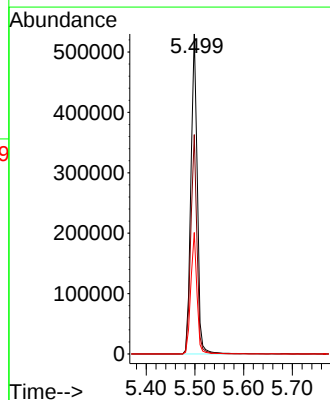
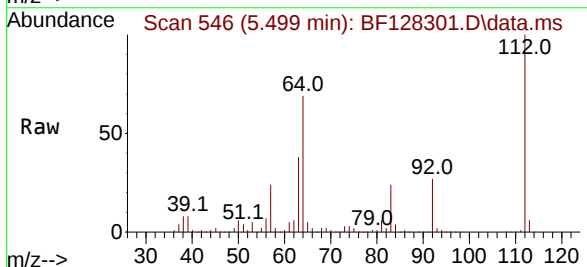
Instrument :  
 BNA\_F  
 ClientSampleId :  
 P007-SS020-0006-01

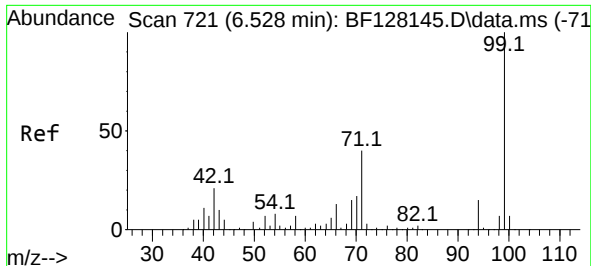
Tgt Ion:152 Resp: 79675  
 Ion Ratio Lower Upper  
 152 100  
 150 154.5 125.3 187.9  
 115 67.2 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 96.359 ng  
 RT: 5.499 min Scan# 546  
 Delta R.T. 0.000 min  
 Lab File: BF128301.D  
 Acq: 17 May 2022 20:11

Tgt Ion:112 Resp: 481605  
 Ion Ratio Lower Upper  
 112 100  
 64 68.5 49.5 74.3  
 63 38.0 26.3 39.5

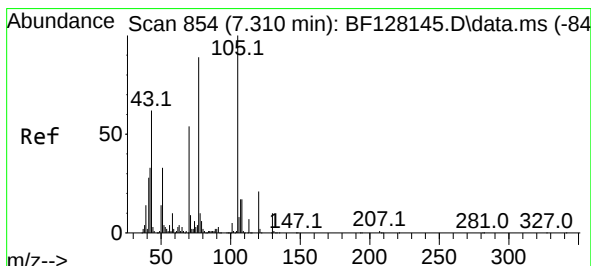
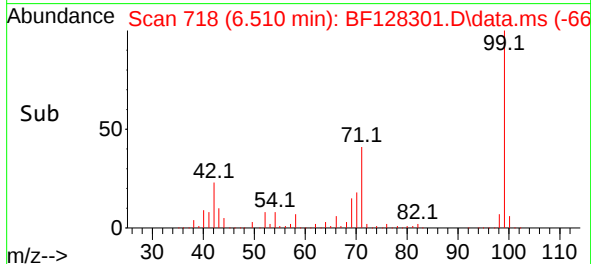
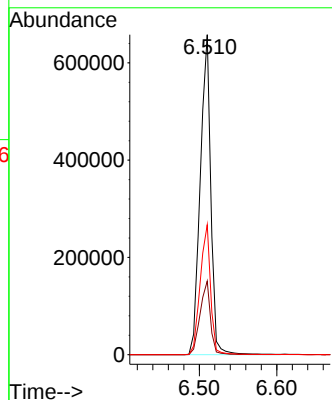
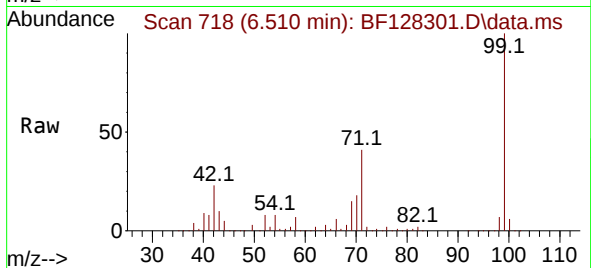




#7  
Phenol-d6  
Concen: 93.890 ng  
RT: 6.510 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

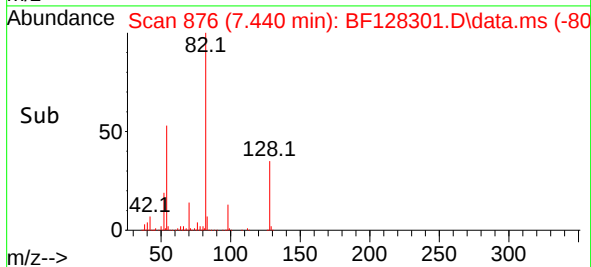
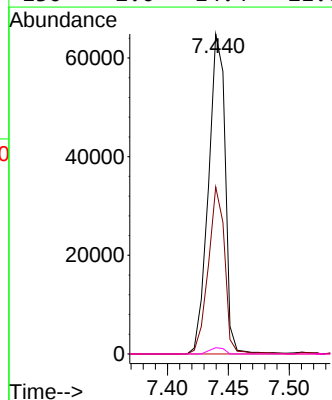
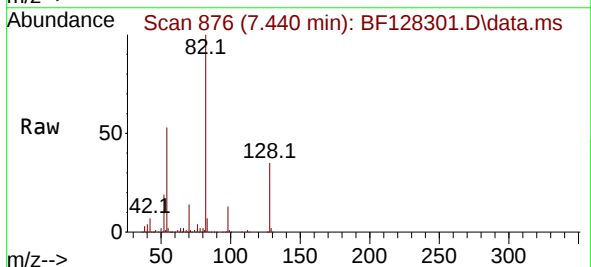
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

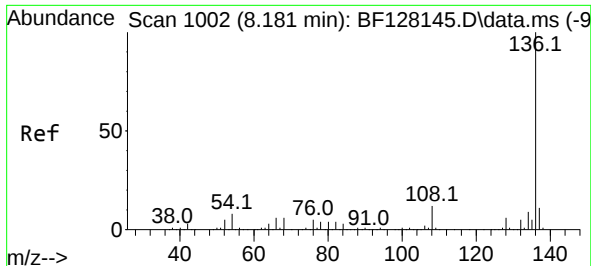
Tgt Ion: 99 Resp: 620673  
Ion Ratio Lower Upper  
99 100  
42 23.0 16.6 24.8  
71 40.6 30.0 45.0



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.307 ng  
RT: 7.440 min Scan# 876  
Delta R.T. 0.141 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

Tgt Ion: 70 Resp: 62315  
Ion Ratio Lower Upper  
70 100  
42 52.2 48.7 73.1  
101 0.0 7.2 10.8#  
130 2.0 14.4 21.6#

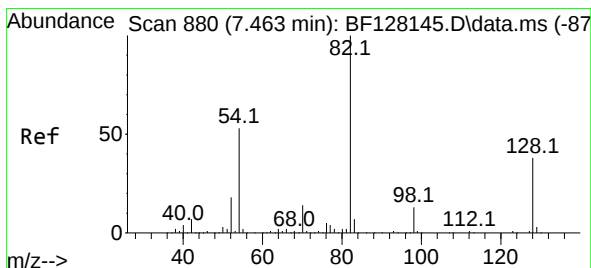
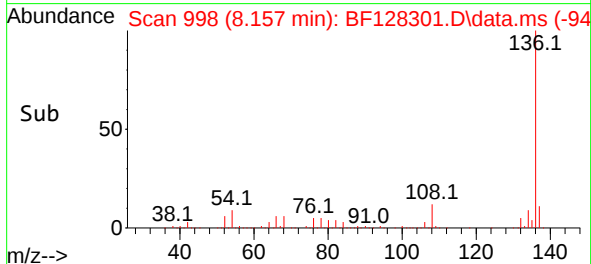
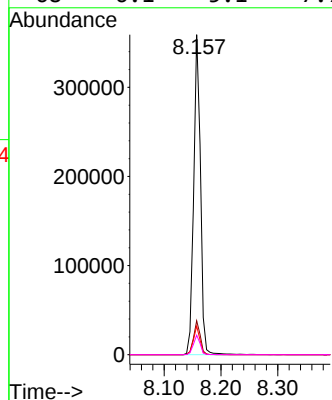
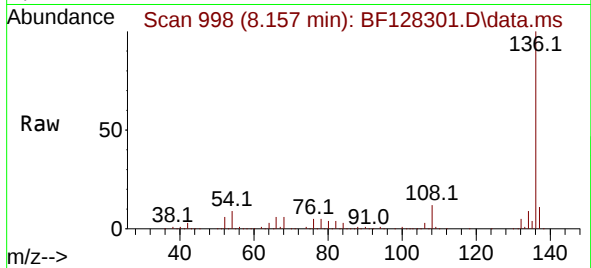




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

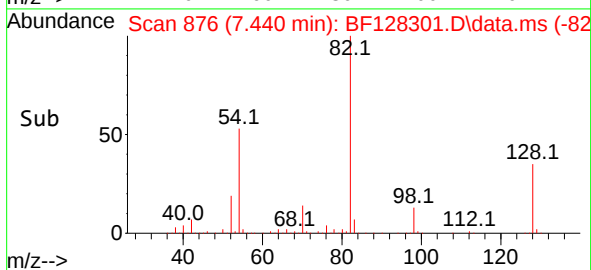
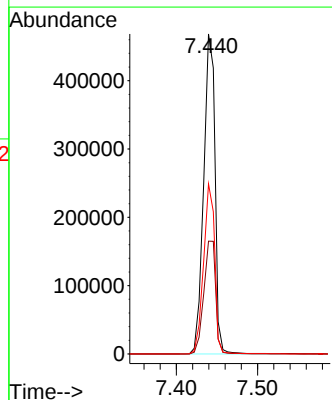
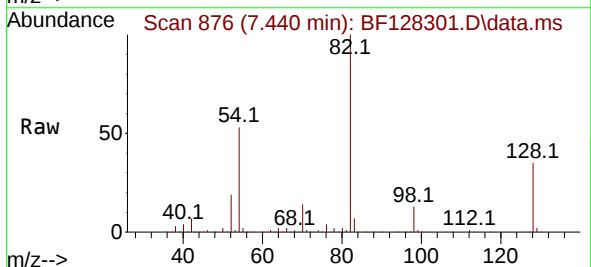
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 298752 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.6  | 8.6   | 13.0   |
| 54       | 8.9   | 6.8   | 10.2   |
| 68       | 6.1   | 5.1   | 7.7    |



#23  
Nitrobenzene-d5  
Concen: 68.561 ng  
RT: 7.440 min Scan# 876  
Delta R.T. -0.012 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 82    | Resp: | 455206 |
| Ion      | Ratio | Lower | Upper  |
| 82       | 100   |       |        |
| 128      | 35.2  | 30.0  | 45.0   |
| 54       | 53.2  | 41.3  | 61.9   |

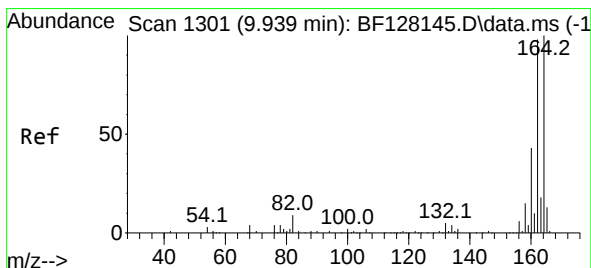
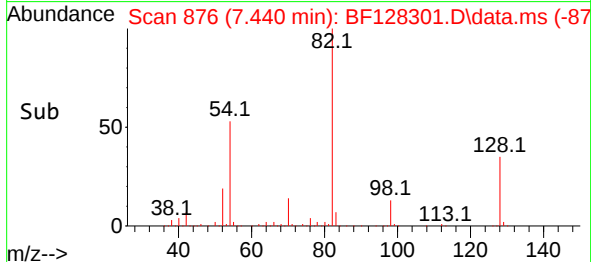
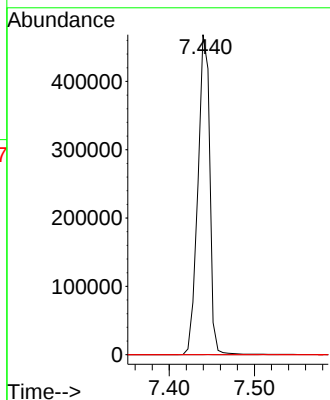
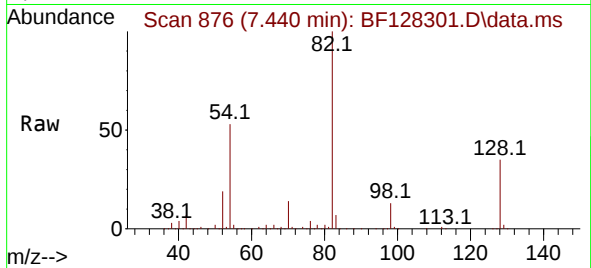




#25  
Isophorone  
Concen: 43.731 ng  
RT: 7.440 min Scan# 81  
Delta R.T. -0.265 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

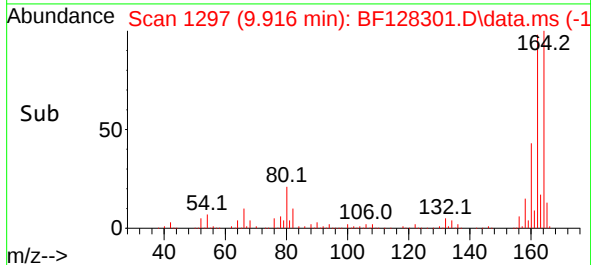
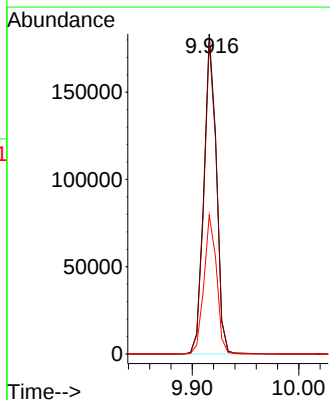
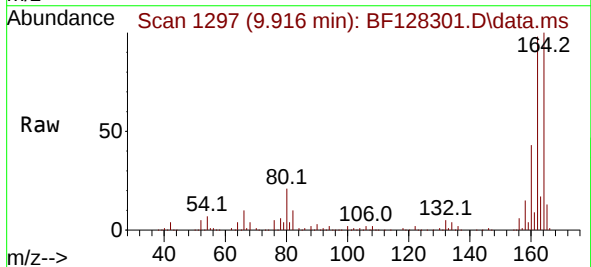
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

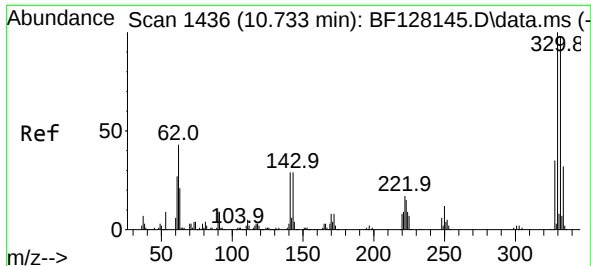
Tgt Ion: 82 Resp: 455200  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.6 8.4#  
138 0.0 12.5 18.7#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

Tgt Ion: 164 Resp: 150133  
Ion Ratio Lower Upper  
164 100  
162 97.6 76.0 114.0  
160 43.4 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 79.435 ng

RT: 10.710 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF128301.D

Acq: 17 May 2022 20:11

Instrument :

BNA\_F

ClientSampleId :

P007-SS020-0006-01

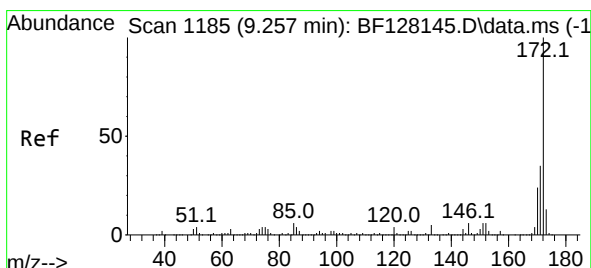
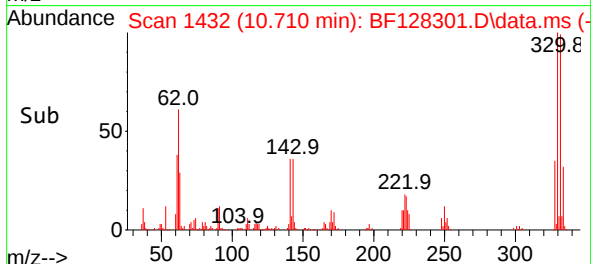
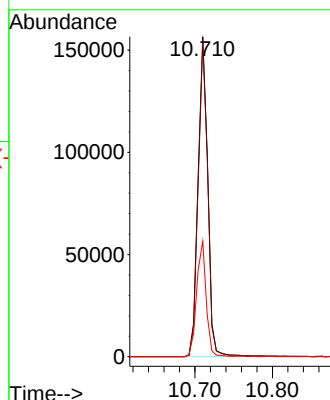
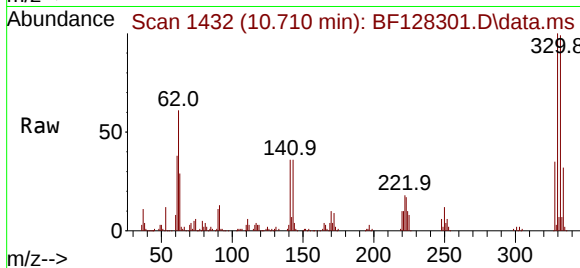
Tgt Ion:330 Resp: 136774

Ion Ratio Lower Upper

330 100

332 96.8 79.0 118.4

141 35.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 72.966 ng

RT: 9.234 min Scan# 1181

Delta R.T. -0.006 min

Lab File: BF128301.D

Acq: 17 May 2022 20:11

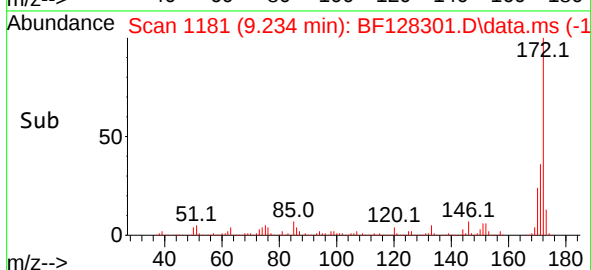
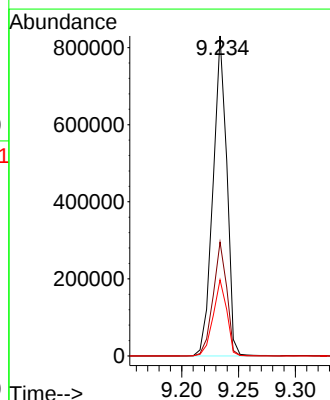
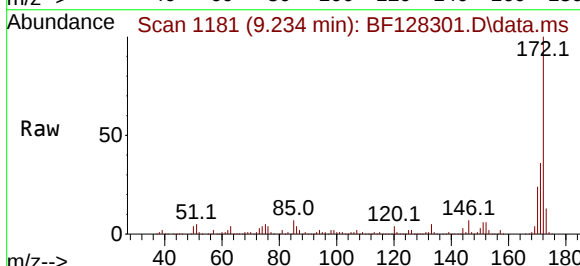
Tgt Ion:172 Resp: 700108

Ion Ratio Lower Upper

172 100

171 35.6 28.6 42.8

170 23.8 19.1 28.7

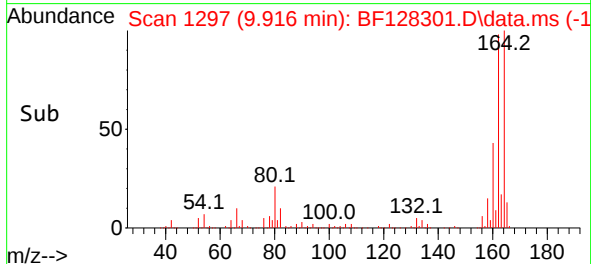
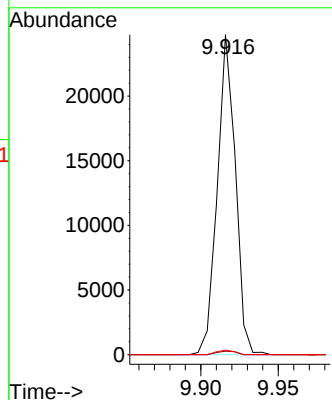
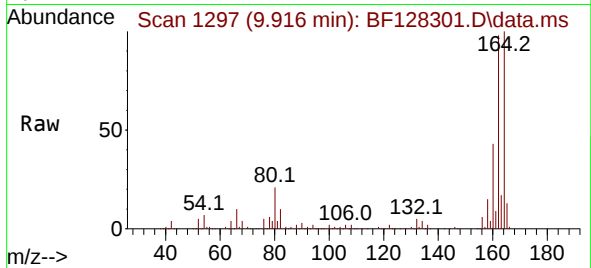




#51  
2,6-Dinitrotoluene  
Concen: 9.451 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. 0.206 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

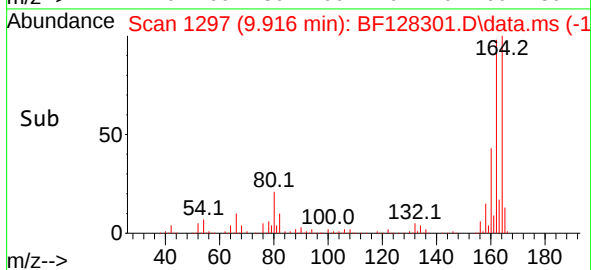
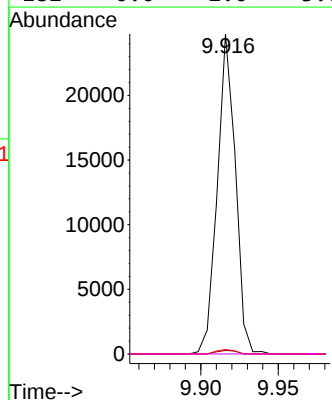
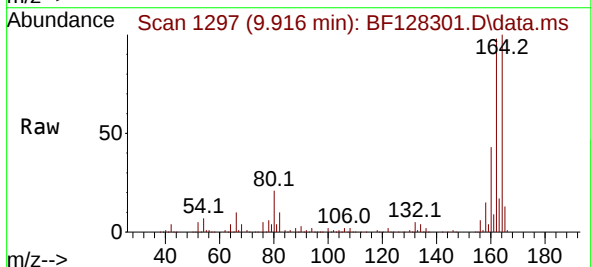
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

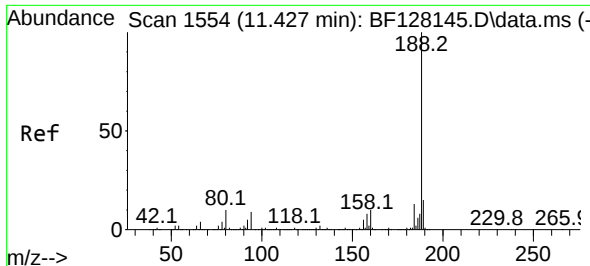
Tgt Ion:165 Resp: 20086  
Ion Ratio Lower Upper  
165 100  
63 1.1 49.5 74.3#  
89 1.4 49.0 73.4#



#57  
2,4-Dinitrotoluene  
Concen: 7.068 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.206 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

Tgt Ion:165 Resp: 20086  
Ion Ratio Lower Upper  
165 100  
63 1.1 32.6 49.0#  
89 1.4 55.2 82.8#  
182 0.0 2.0 3.0#

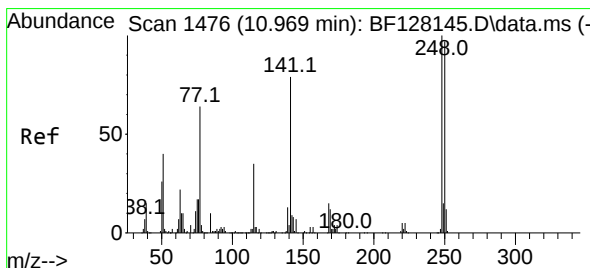
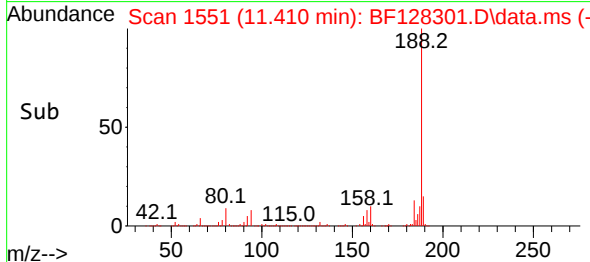
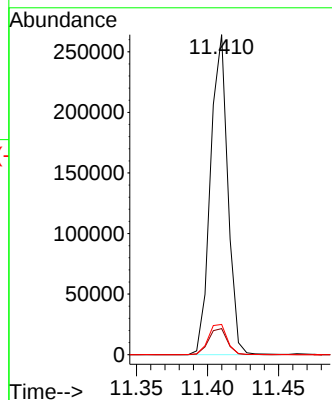
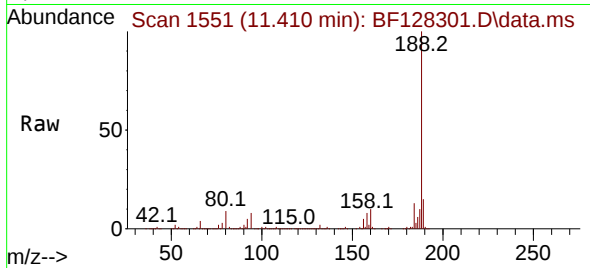




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 11  
Delta R.T. -0.006 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

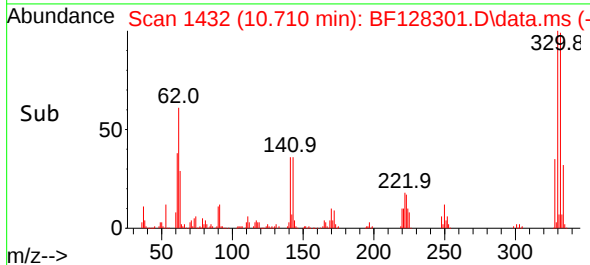
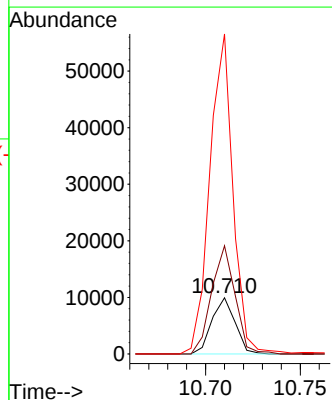
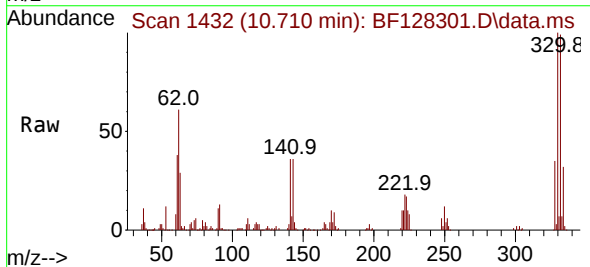
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

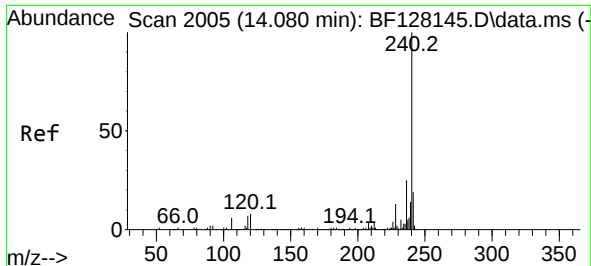
Tgt Ion:188 Resp: 223126  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.0 12.0  
80 9.4 8.9 13.3



#67  
4-Bromophenyl-phenylether  
Concen: 3.536 ng  
RT: 10.710 min Scan# 1432  
Delta R.T. -0.247 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

Tgt Ion:248 Resp: 8488  
Ion Ratio Lower Upper  
248 100  
250 192.5 77.7 116.5#  
141 569.4 65.6 98.4#

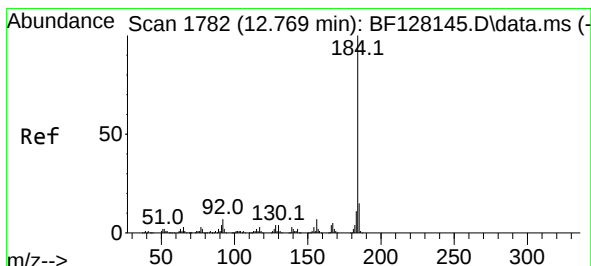
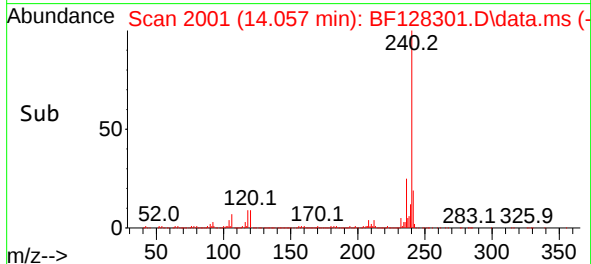
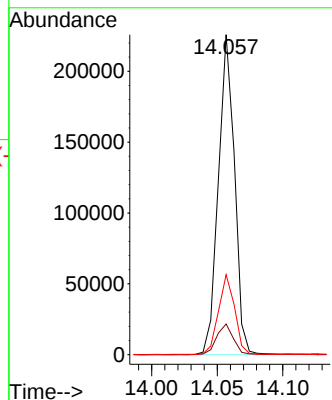
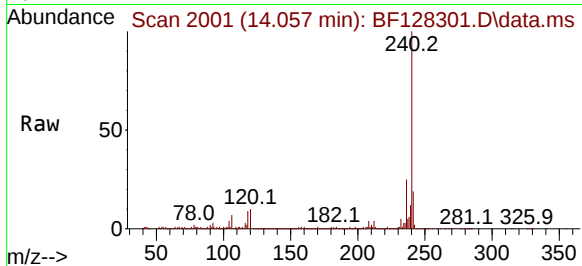




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.057 min Scan# 20  
Delta R.T. -0.006 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

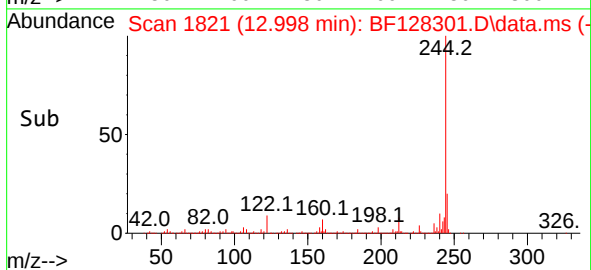
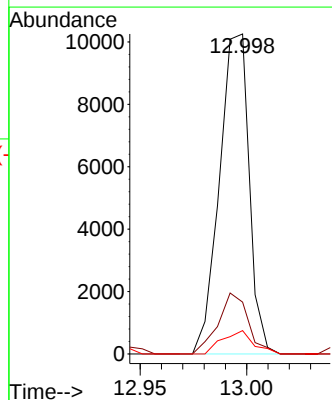
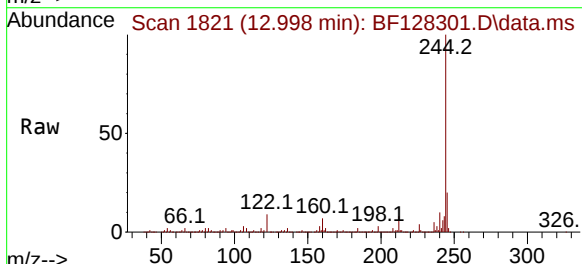
Instrument :  
BNA\_F  
ClientSampleId :  
P007-SS020-0006-01

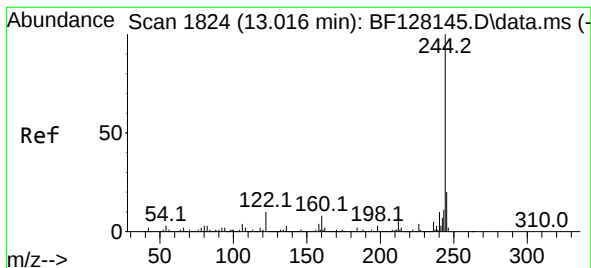
Tgt Ion:240 Resp: 193086  
Ion Ratio Lower Upper  
240 100  
120 9.6 7.0 10.6  
236 25.0 20.3 30.5



#77  
Benzidine  
Concen: 2.385 ng  
RT: 12.998 min Scan# 1821  
Delta R.T. 0.247 min  
Lab File: BF128301.D  
Acq: 17 May 2022 20:11

Tgt Ion:184 Resp: 9973  
Ion Ratio Lower Upper  
184 100  
185 16.2 12.1 18.1  
183 7.3 9.0 13.4#





#79

Terphenyl-d14

Concen: 60.315 ng

RT: 12.998 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128301.D

Acq: 17 May 2022 20:11

Instrument :

BNA\_F

ClientSampleId :

P007-SS020-0006-01

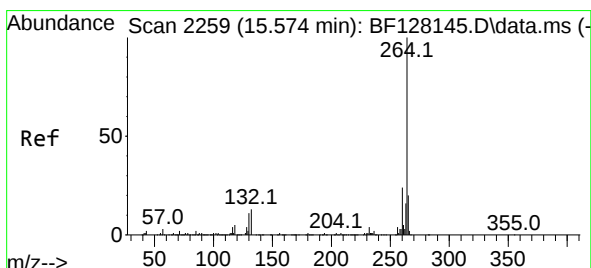
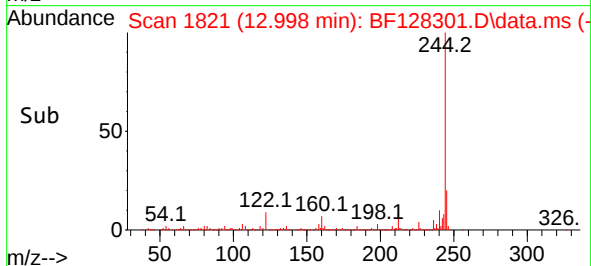
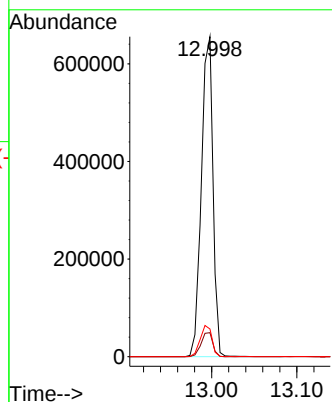
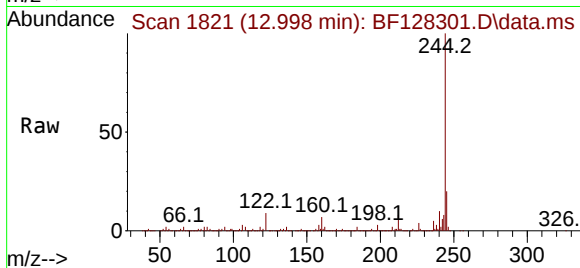
Tgt Ion:244 Resp: 620648

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 8.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2255

Delta R.T. -0.006 min

Lab File: BF128301.D

Acq: 17 May 2022 20:11

Tgt Ion:264 Resp: 136807

Ion Ratio Lower Upper

264 100

260 23.8 20.1 30.1

265 21.8 17.5 26.3

