

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051222\  
 Data File : BF128222.D  
 Acq On : 12 May 2022 17:04  
 Operator : CG\JU  
 Sample : N2792-01DL 10X  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-371DL

Quant Time: May 13 05:15:21 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon May 09 15:30:11 2022  
 Response via : Initial Calibration

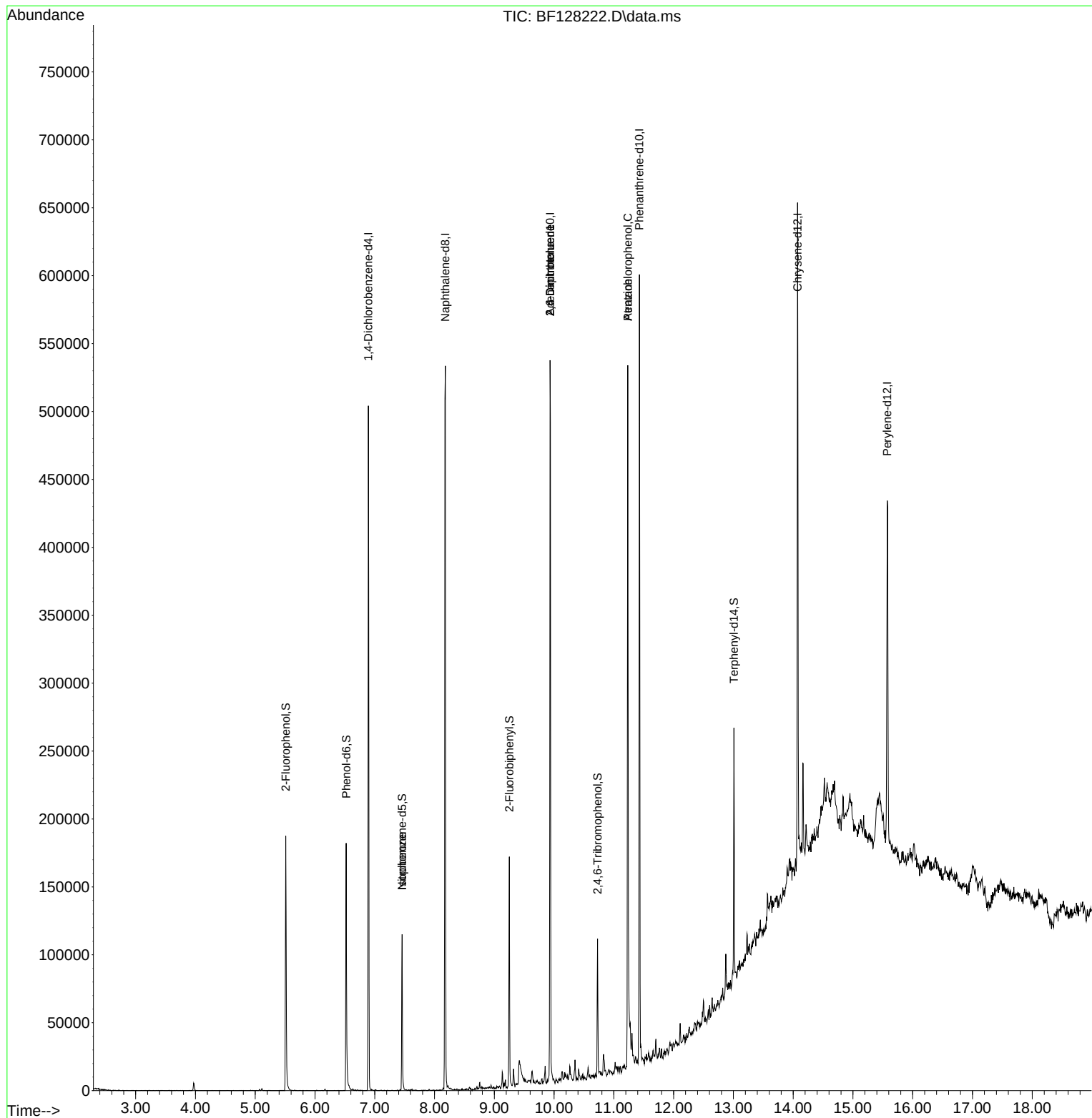
| Compound                    | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-----------------------------|--------|------|----------|--------|--------|----------|
| -----                       |        |      |          |        |        |          |
| Internal Standards          |        |      |          |        |        |          |
| 1) 1,4-Dichlorobenzene-d4   | 6.892  | 152  | 66410    | 20.000 | ng     | 0.00     |
| 21) Naphthalene-d8          | 8.181  | 136  | 229579   | 20.000 | ng     | 0.00     |
| 39) Acenaphthene-d10        | 9.933  | 164  | 111705   | 20.000 | ng     | 0.00     |
| 64) Phenanthrene-d10        | 11.427 | 188  | 186673   | 20.000 | ng     | 0.00     |
| 76) Chrysene-d12            | 14.074 | 240  | 160611   | 20.000 | ng     | 0.00     |
| 86) Perylene-d12            | 15.574 | 264  | 123699   | 20.000 | ng     | 0.00     |
| System Monitoring Compounds |        |      |          |        |        |          |
| 5) 2-Fluorophenol           | 5.510  | 112  | 47684    | 11.446 | ng     | 0.00     |
| 7) Phenol-d6                | 6.522  | 99   | 59931    | 10.877 | ng     | 0.00     |
| 23) Nitrobenzene-d5         | 7.457  | 82   | 37648    | 7.379  | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol    | 10.727 | 330  | 11490    | 8.969  | ng     | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.251  | 172  | 48031    | 6.728  | ng     | 0.00     |
| 79) Terphenyl-d14           | 13.010 | 244  | 53967    | 6.305  | ng     | 0.00     |
| Target Compounds            |        |      |          |        |        |          |
|                             |        |      |          |        | Qvalue |          |
| 25) Isophorone              | 7.457  | 82   | 37647    | 4.706  | ng     | # 68     |
| 51) 2,6-Dinitrotoluene      | 9.933  | 165  | 14614    | 9.242  | ng     | # 22     |
| 57) 2,4-Dinitrotoluene      | 9.933  | 165  | 14614    | 6.912  | ng     | # 26     |
| 69) Atrazine                | 11.233 | 200  | 12248    | 6.674  | ng     | # 36     |
| 70) Pentachlorophenol       | 11.233 | 266  | 61665    | 57.836 | ng     | 98       |
| -----                       |        |      |          |        |        |          |

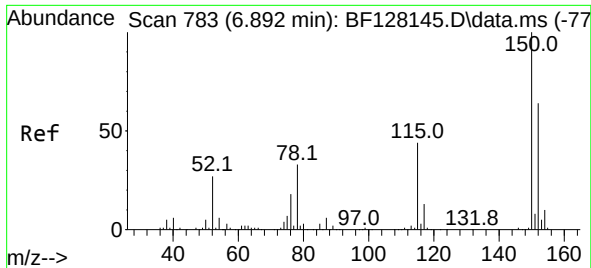
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF051222\  
Data File : BF128222.D  
Acq On : 12 May 2022 17:04  
Operator : CG\JU  
Sample : N2792-01DL 10X  
Misc :  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
RO-371DL

Quant Time: May 13 05:15:21 2022  
Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF050922.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon May 09 15:30:11 2022  
Response via : Initial Calibration

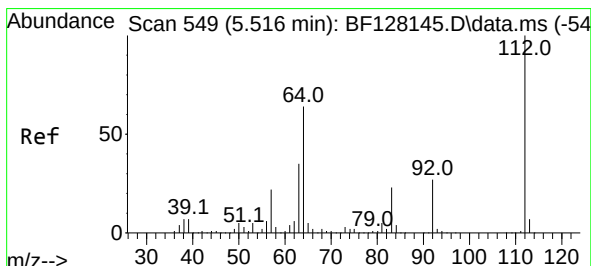
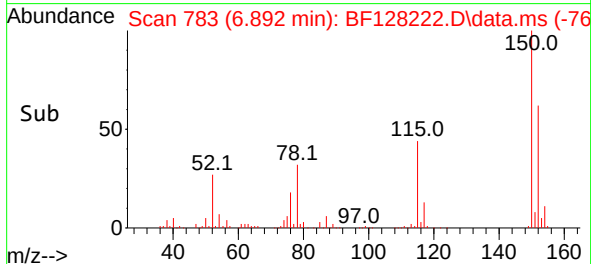
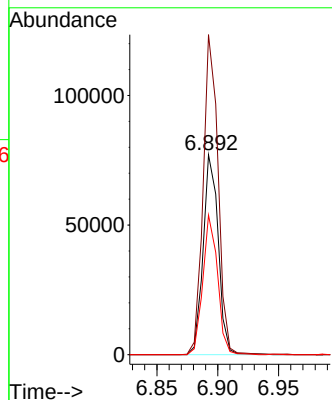
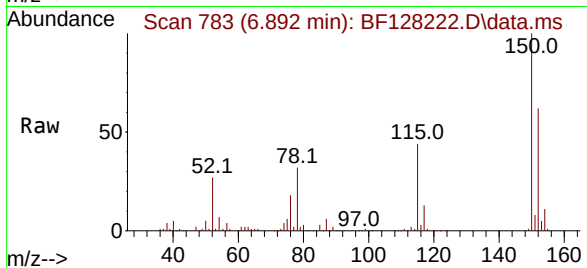




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.892 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

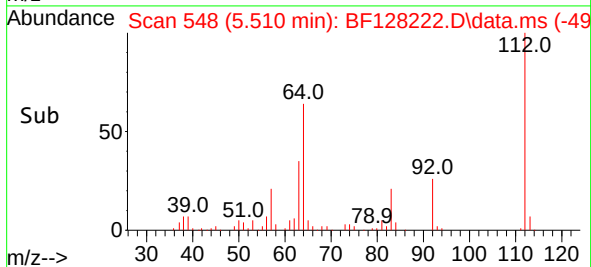
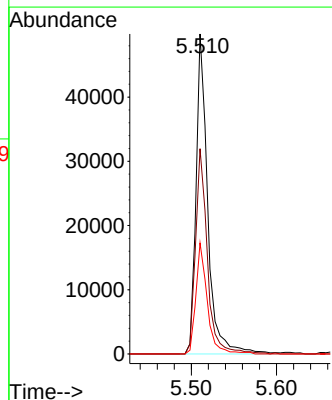
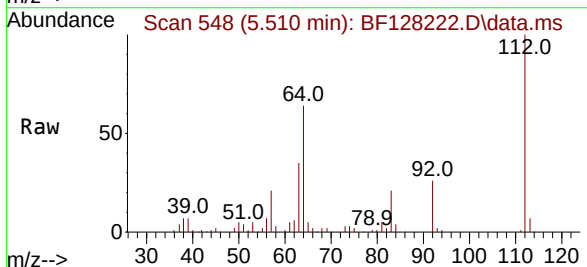
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-371DL

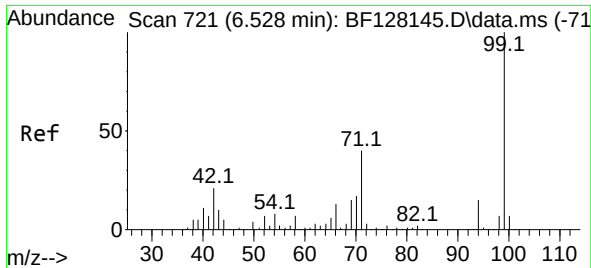
Tgt Ion:152 Resp: 66410  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 125.3 187.9  
 115 69.8 48.8 73.2



#5  
 2-Fluorophenol  
 Concen: 11.446 ng  
 RT: 5.510 min Scan# 548  
 Delta R.T. -0.006 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

Tgt Ion:112 Resp: 47684  
 Ion Ratio Lower Upper  
 112 100  
 64 64.2 49.5 74.3  
 63 34.7 26.3 39.5

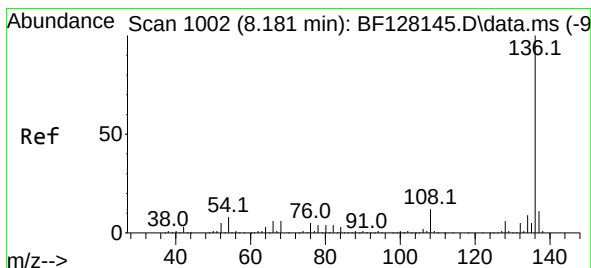
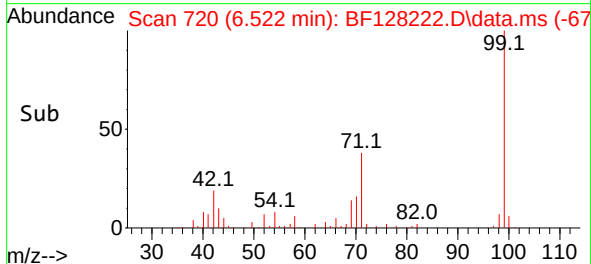
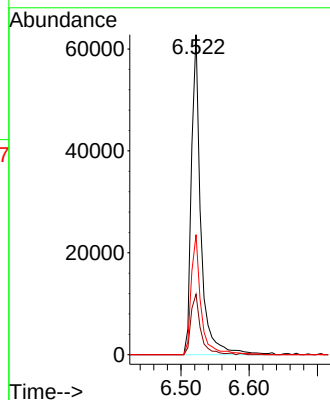
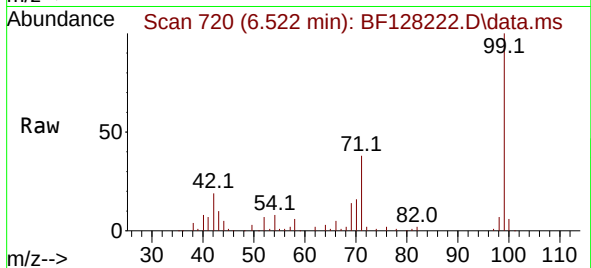




#7  
Phenol-d6  
Concen: 10.877 ng  
RT: 6.522 min Scan# 71  
Delta R.T. -0.006 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

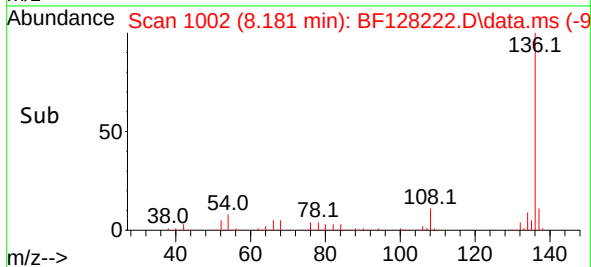
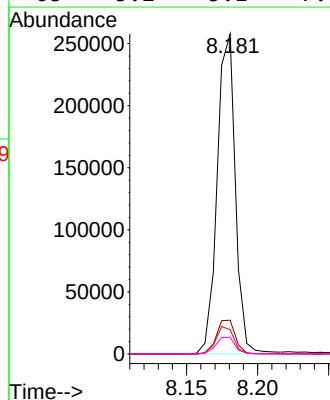
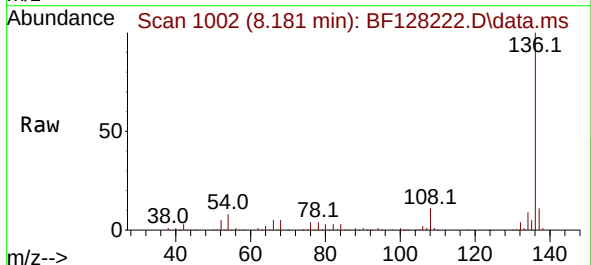
Instrument :  
BNA\_F  
ClientSampleId :  
RO-371DL

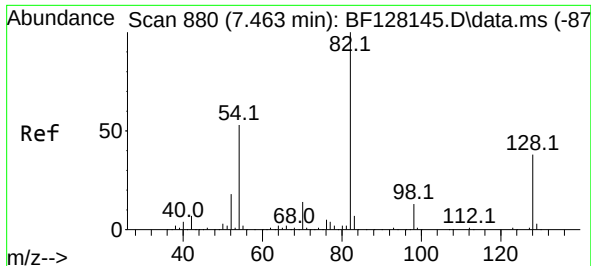
Tgt Ion: 99 Resp: 59931  
Ion Ratio Lower Upper  
99 100  
42 18.9 16.6 24.8  
71 37.5 30.0 45.0



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.181 min Scan# 1002  
Delta R.T. -0.000 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

Tgt Ion: 136 Resp: 229579  
Ion Ratio Lower Upper  
136 100  
137 10.6 8.6 13.0  
54 7.6 6.8 10.2  
68 5.2 5.1 7.7

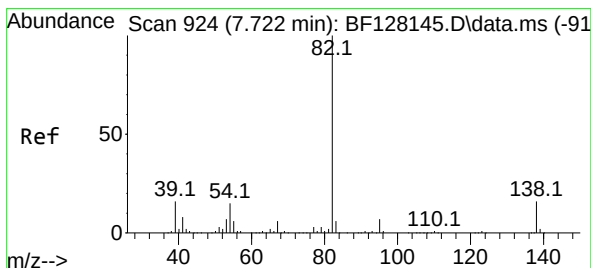
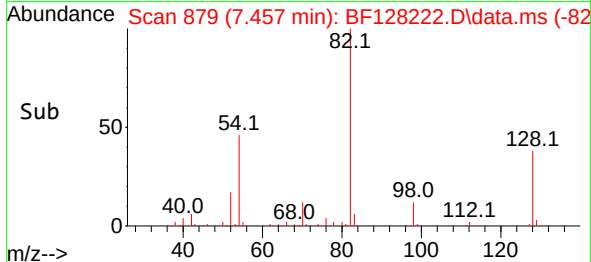
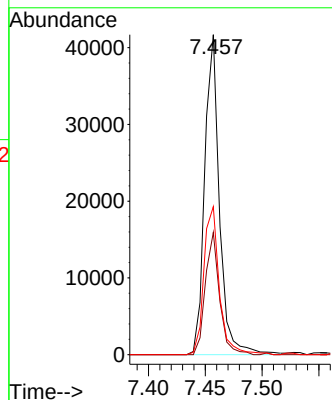
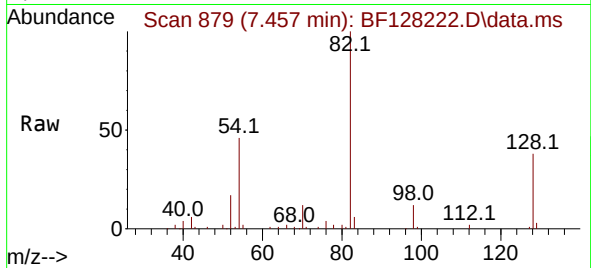




#23  
 Nitrobenzene-d5  
 Concen: 7.379 ng  
 RT: 7.457 min Scan# 81  
 Delta R.T. -0.006 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

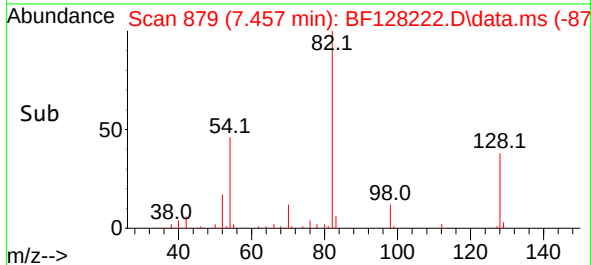
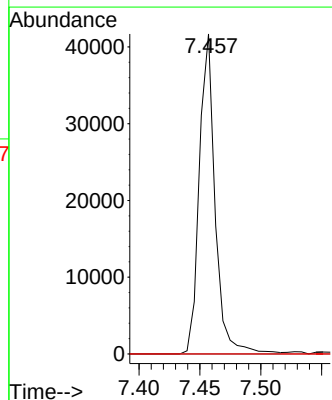
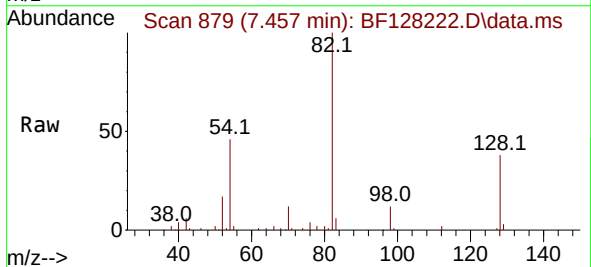
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-371DL

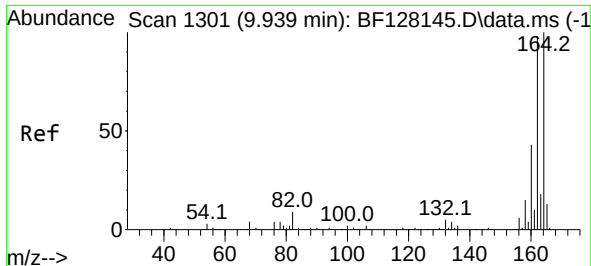
Tgt Ion: 82 Resp: 37648  
 Ion Ratio Lower Upper  
 82 100  
 128 38.2 30.0 45.0  
 54 46.3 41.3 61.9



#25  
 Isophorone  
 Concen: 4.706 ng  
 RT: 7.457 min Scan# 879  
 Delta R.T. -0.265 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

Tgt Ion: 82 Resp: 37647  
 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: 9.933 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA\_F

ClientSampleId :

RO-371DL

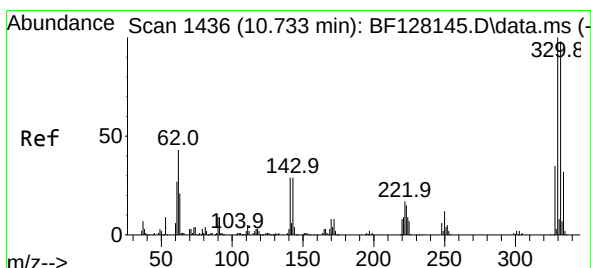
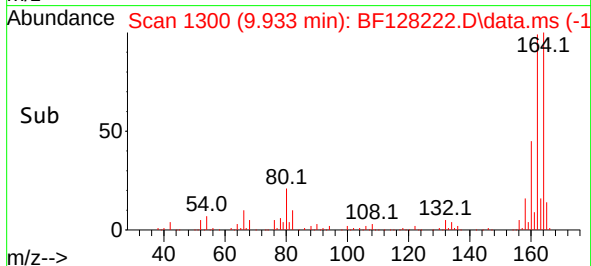
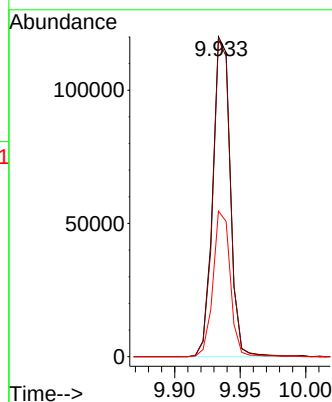
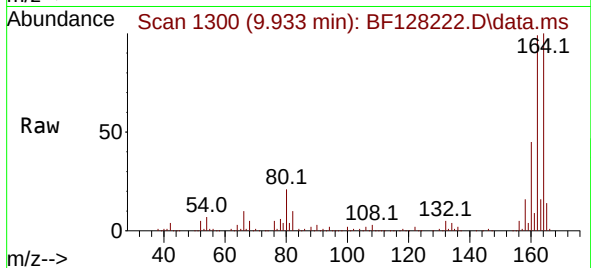
Tgt Ion:164 Resp: 111705

Ion Ratio Lower Upper

164 100

162 99.3 76.0 114.0

160 45.5 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 8.969 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

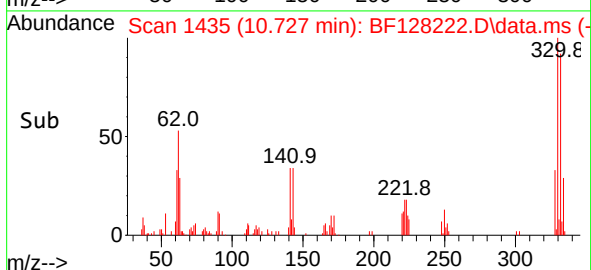
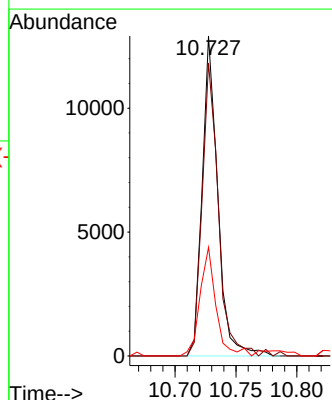
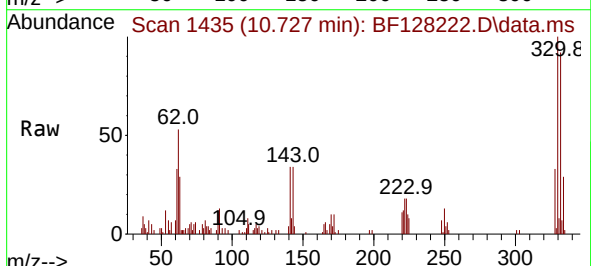
Tgt Ion:330 Resp: 11490

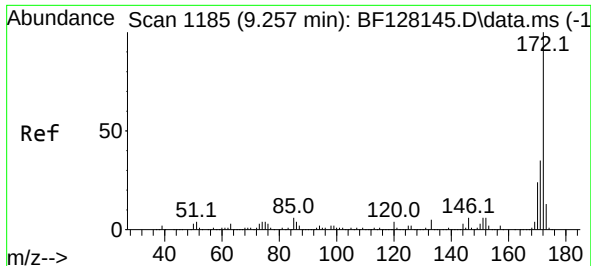
Ion Ratio Lower Upper

330 100

332 94.3 79.0 118.4

141 34.9 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 6.728 ng

RT: 9.251 min Scan# 1185

Delta R.T. -0.006 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

Instrument :

BNA\_F

ClientSampleId :

RO-371DL

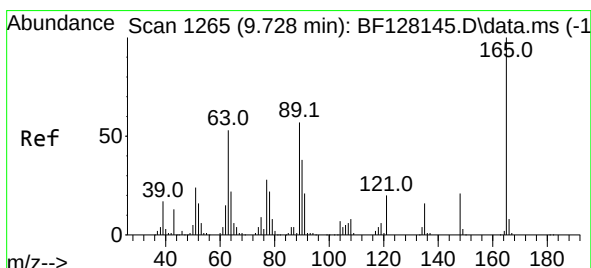
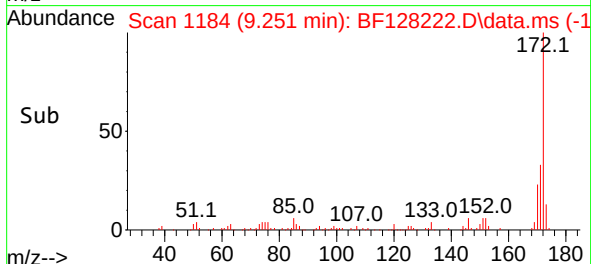
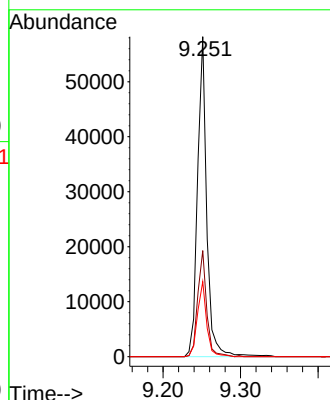
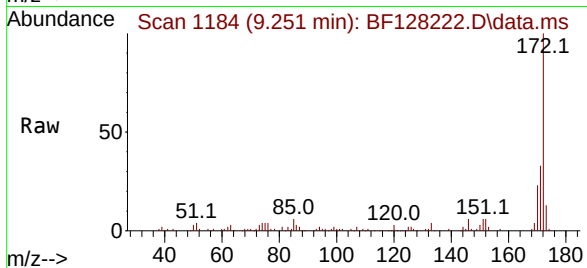
Tgt Ion:172 Resp: 48031

Ion Ratio Lower Upper

172 100

171 33.1 28.6 42.8

170 23.5 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.242 ng

RT: 9.933 min Scan# 1300

Delta R.T. 0.206 min

Lab File: BF128222.D

Acq: 12 May 2022 17:04

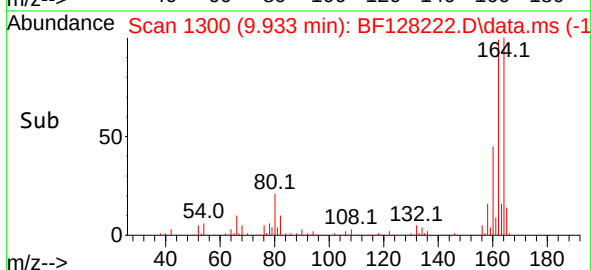
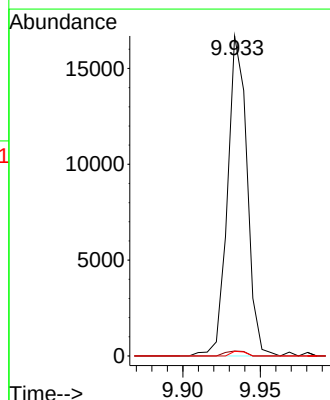
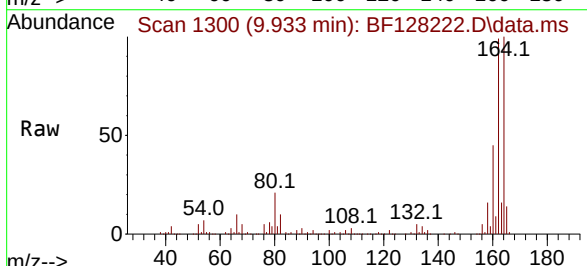
Tgt Ion:165 Resp: 14614

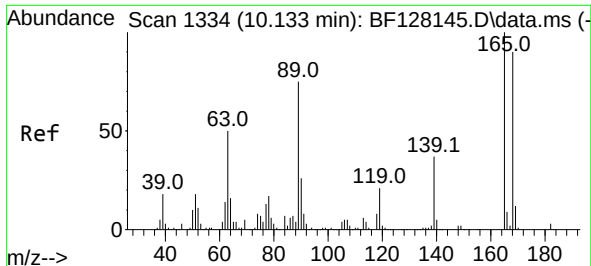
Ion Ratio Lower Upper

165 100

63 1.5 49.5 74.3#

89 1.5 49.0 73.4#

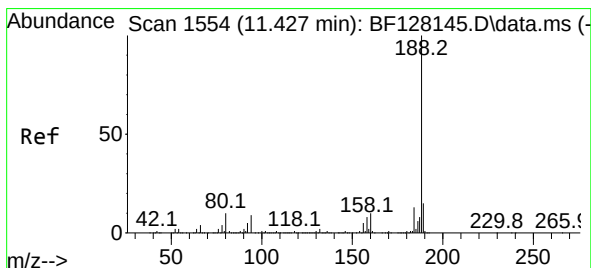
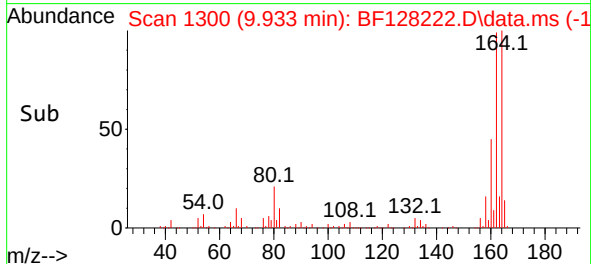
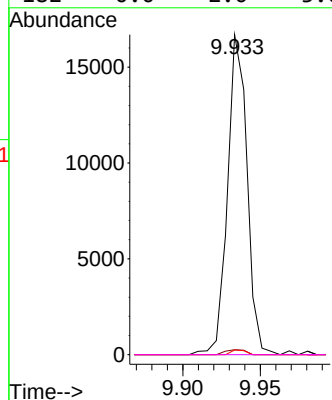
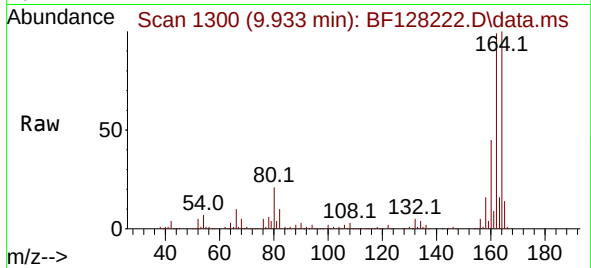




#57  
2,4-Dinitrotoluene  
Concen: 6.912 ng  
RT: 9.933 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

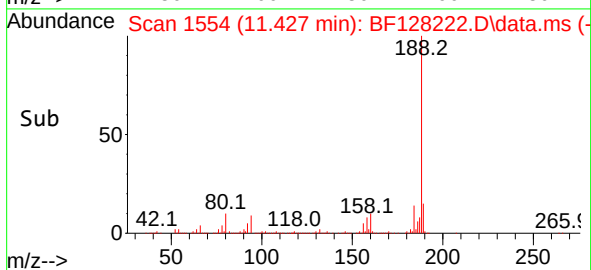
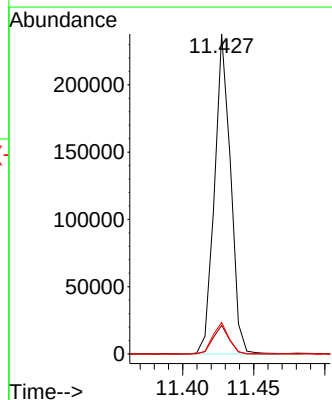
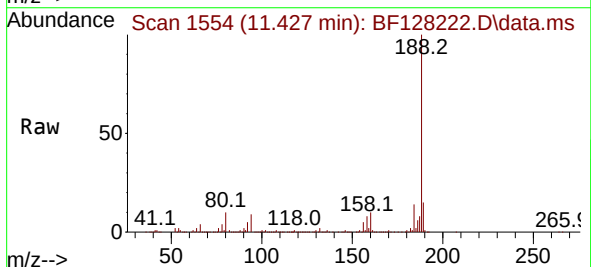
Instrument :  
BNA\_F  
ClientSampleId :  
RO-371DL

Tgt Ion:165 Resp: 14614  
Ion Ratio Lower Upper  
165 100  
63 1.5 32.6 49.0#  
89 1.5 55.2 82.8#  
182 0.0 2.0 3.0#

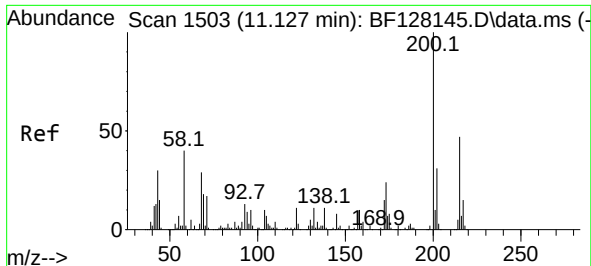


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.427 min Scan# 1554  
Delta R.T. -0.000 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

Tgt Ion:188 Resp: 186673  
Ion Ratio Lower Upper  
188 100  
94 9.0 8.0 12.0  
80 9.8 8.9 13.3



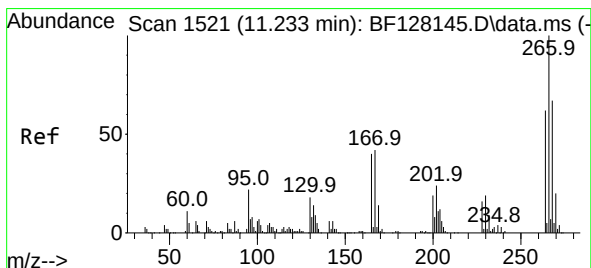
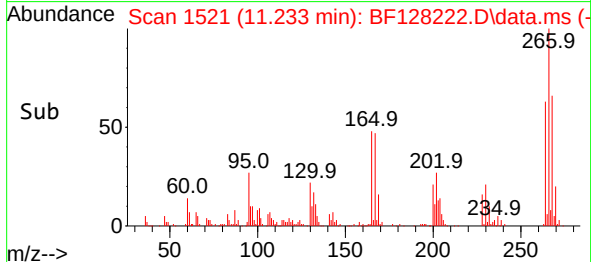
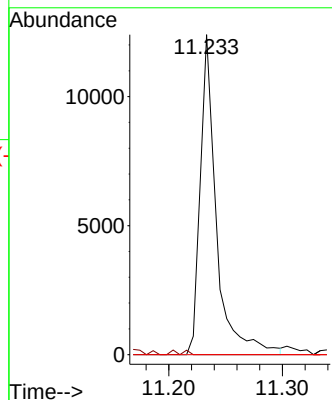
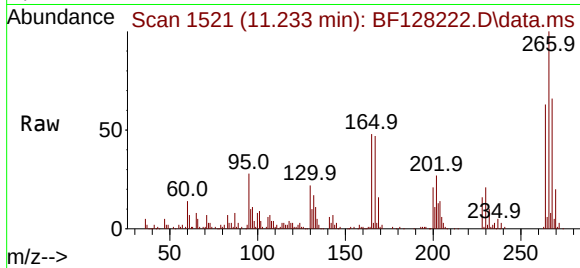




#69  
 Atrazine  
 Concen: 6.674 ng  
 RT: 11.233 min Scan# 1521  
 Delta R.T. 0.106 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

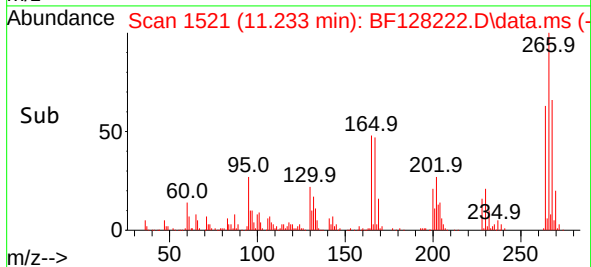
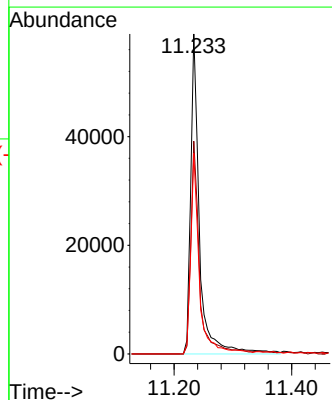
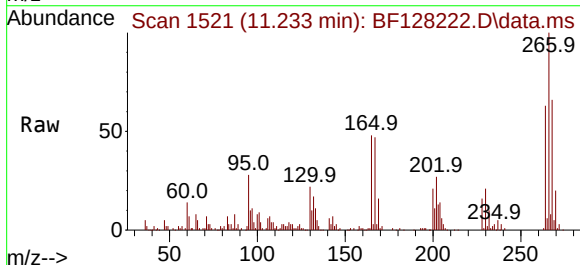
Instrument :  
 BNA\_F  
 ClientSampleId :  
 RO-371DL

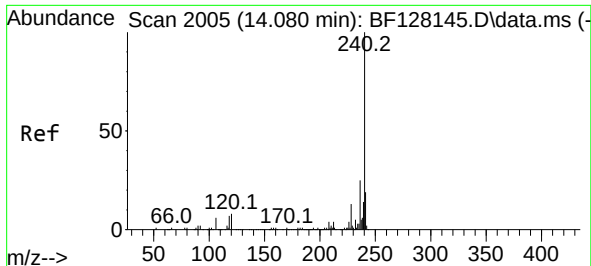
Tgt Ion:200 Resp: 12248  
 Ion Ratio Lower Upper  
 200 100  
 173 0.0 6.0 46.0#  
 215 0.0 28.1 68.1#



#70  
 Pentachlorophenol  
 Concen: 57.836 ng  
 RT: 11.233 min Scan# 1521  
 Delta R.T. -0.000 min  
 Lab File: BF128222.D  
 Acq: 12 May 2022 17:04

Tgt Ion:266 Resp: 61665  
 Ion Ratio Lower Upper  
 266 100  
 268 66.5 53.0 79.6  
 264 62.7 53.1 79.7

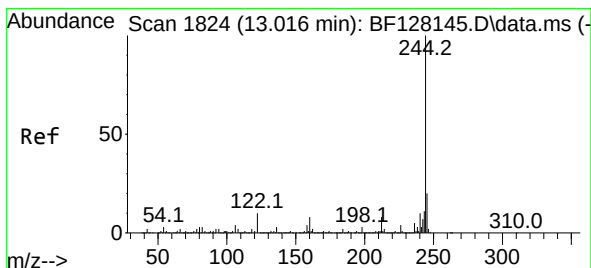
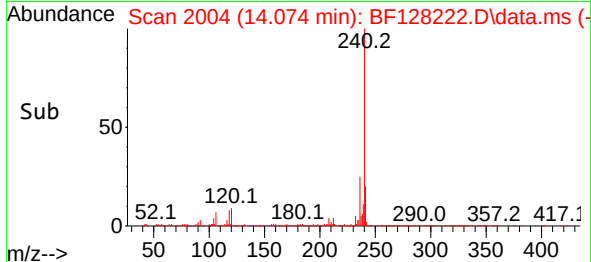
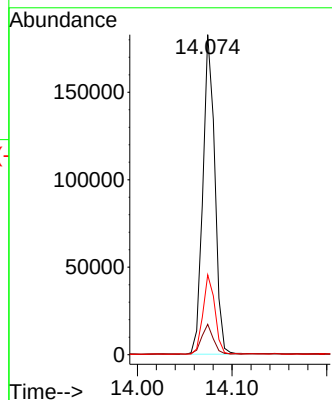
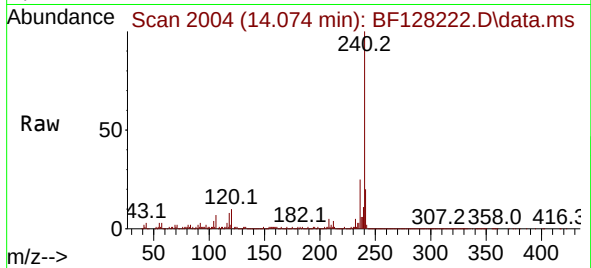




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.074 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

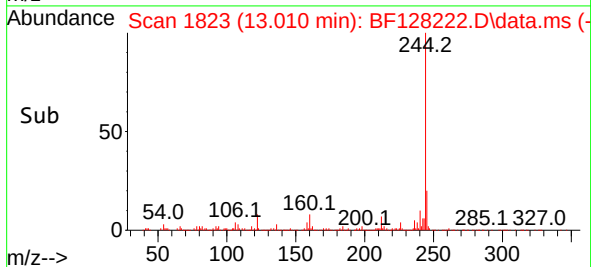
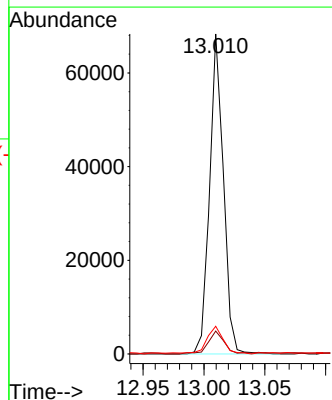
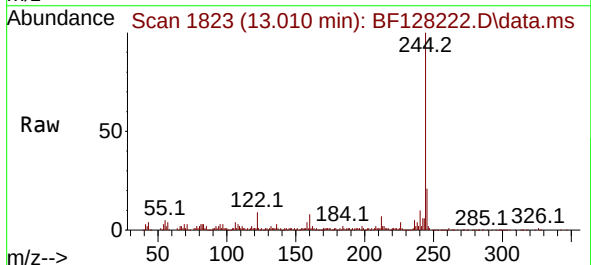
Instrument :  
BNA\_F  
ClientSampleId :  
RO-371DL

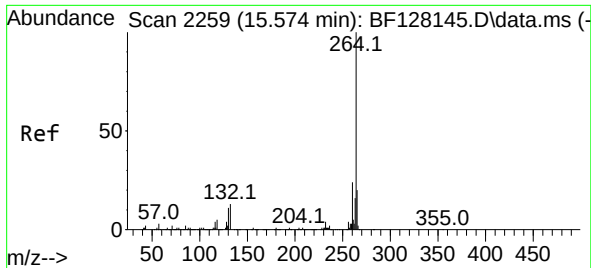
Tgt Ion:240 Resp: 160611  
Ion Ratio Lower Upper  
240 100  
120 9.5 7.0 10.6  
236 25.0 20.3 30.5



#79  
Terphenyl-d14  
Concen: 6.305 ng  
RT: 13.010 min Scan# 1823  
Delta R.T. -0.006 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

Tgt Ion:244 Resp: 53967  
Ion Ratio Lower Upper  
244 100  
212 7.2 6.2 9.4  
122 8.6 8.6 12.8





#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.574 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: BF128222.D  
Acq: 12 May 2022 17:04

Instrument :  
BNA\_F  
ClientSampleId :  
RO-371DL

Tgt Ion:264 Resp: 123699  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.1  | 20.1  | 30.1  |
| 265 | 21.0  | 17.5  | 26.3  |

