

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF032322\  
 Data File : BF127475.D  
 Acq On : 23 Mar 2022 12:39  
 Operator : CG\JU  
 Sample : N2061-03  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-20220321

Quant Time: Mar 24 02:11:39 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF032122.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 22 02:16:33 2022  
 Response via : Initial Calibration

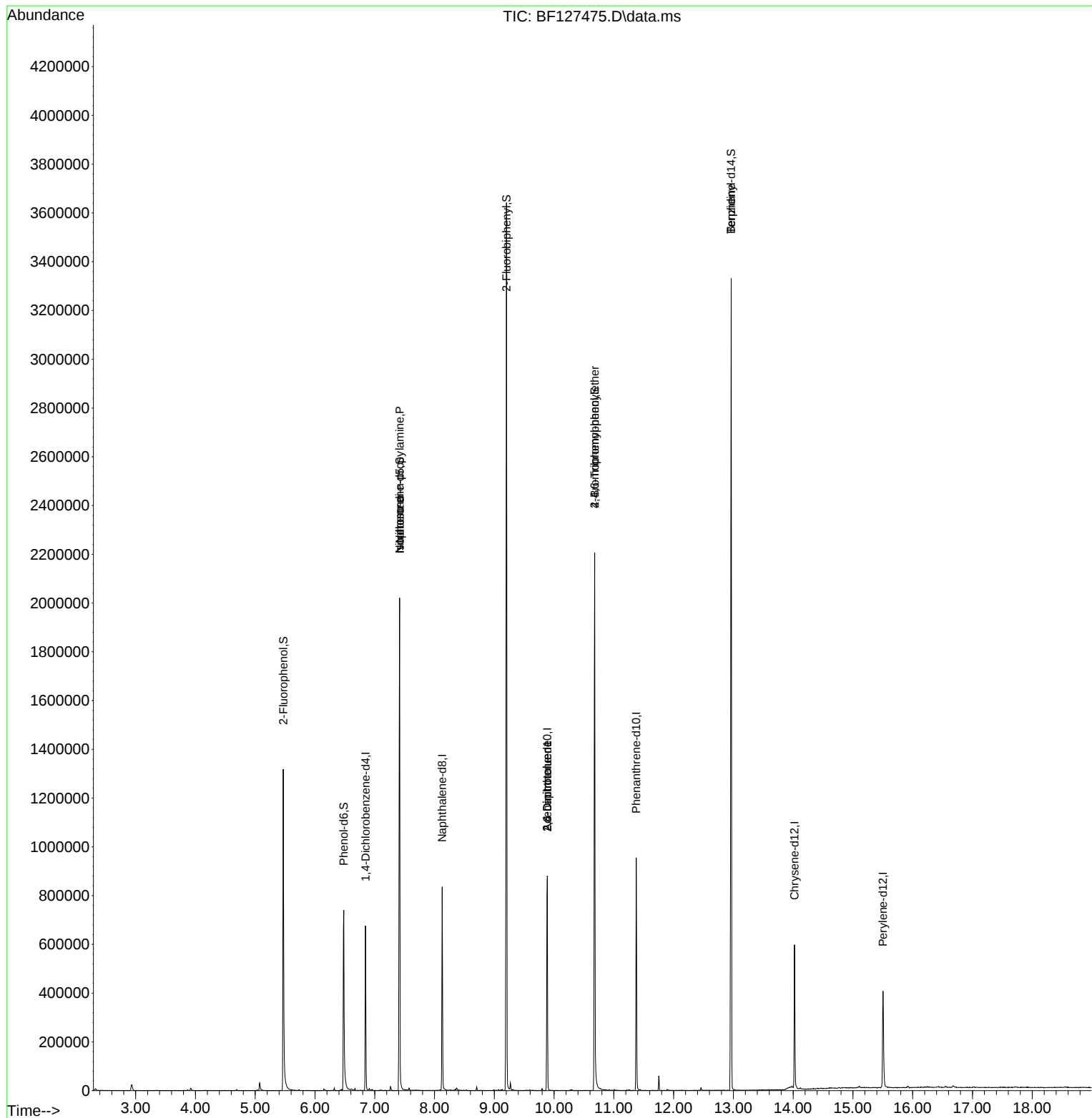
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 87478    | 20.000    | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.128  | 136  | 315315   | 20.000    | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.886  | 164  | 181480   | 20.000    | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.375 | 188  | 321337   | 20.000    | ng     | 0.00     |
| 76) Chrysene-d12              | 14.021 | 240  | 194193   | 20.000    | ng     | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 188635   | 20.000    | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.469  | 112  | 321966   | 58.749    | ng     | 0.00     |
| 7) Phenol-d6                  | 6.481  | 99   | 267004   | 35.642    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.416  | 82   | 655757   | 88.898    | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.680 | 330  | 258398   | 133.662   | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1106013  | 88.992    | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.963 | 244  | 1163365  | 98.070    | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.475  | 77   | 354      | Below Cal | #      | 7        |
| 19) n-Nitroso-di-n-propyla... | 7.416  | 70   | 89922    | 20.026    | ng     | # 80     |
| 25) Isophorone                | 7.416  | 82   | 655751   | 55.815    | ng     | # 70     |
| 51) 2,6-Dinitrotoluene        | 9.886  | 165  | 22855    | 8.624     | ng     | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.886  | 165  | 22855    | 6.700     | ng     | # 14     |
| 58) Fluorene                  | 10.680 | 166  | 9930     | Below Cal | #      | 92       |
| 67) 4-Bromophenyl-phenylether | 10.680 | 248  | 17512    | 4.668     | ng     | # 1      |
| 77) Benzidine                 | 12.963 | 184  | 14913    | 3.221     | ng     | # 90     |
| -----                         |        |      |          |           |        |          |

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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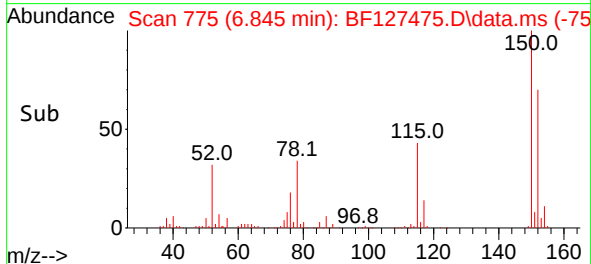
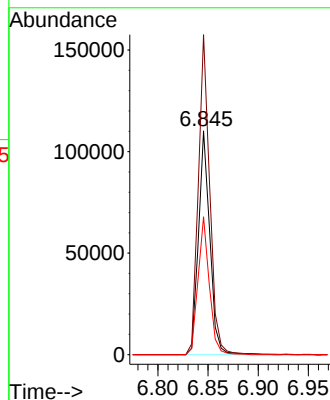
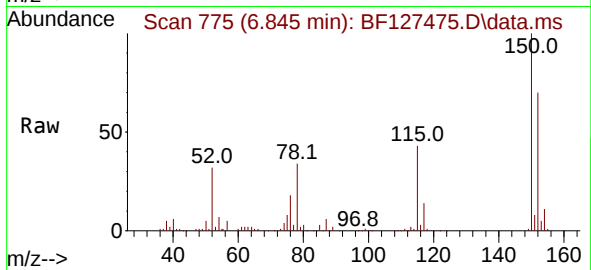




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 776  
Delta R.T. -0.006 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

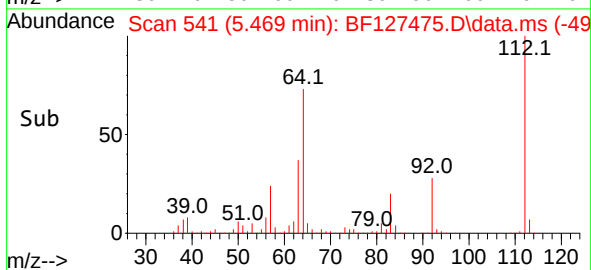
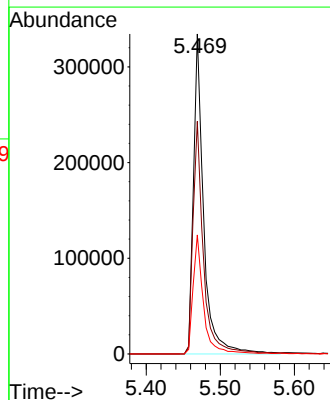
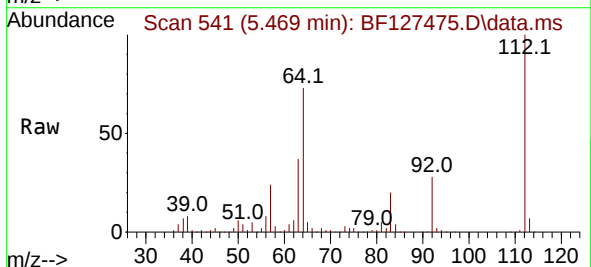
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

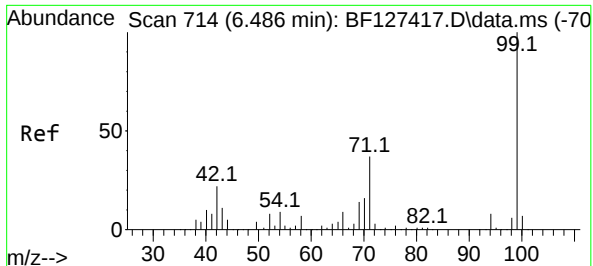
Tgt Ion:152 Resp: 87478  
Ion Ratio Lower Upper  
152 100  
150 142.9 117.2 175.8  
115 61.6 49.8 74.6



#5  
2-Fluorophenol  
Concen: 58.749 ng  
RT: 5.469 min Scan# 541  
Delta R.T. 0.000 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

Tgt Ion:112 Resp: 321966  
Ion Ratio Lower Upper  
112 100  
64 72.7 58.4 87.6  
63 37.2 30.1 45.1

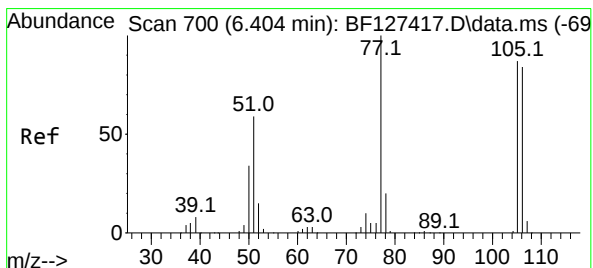
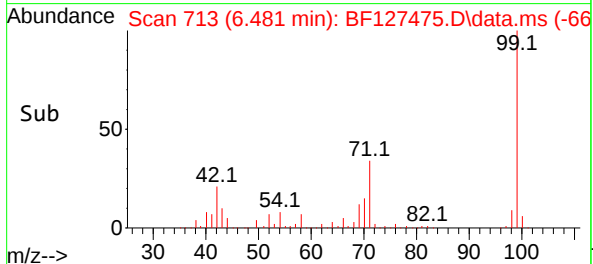
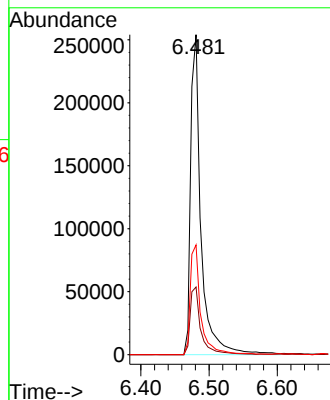
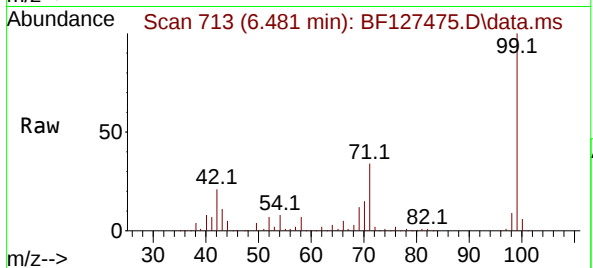




#7  
Phenol-d6  
Concen: 35.642 ng  
RT: 6.481 min Scan# 712  
Delta R.T. -0.006 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

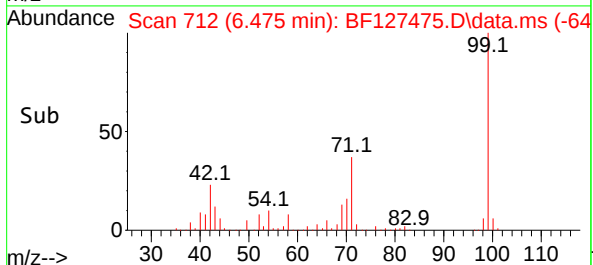
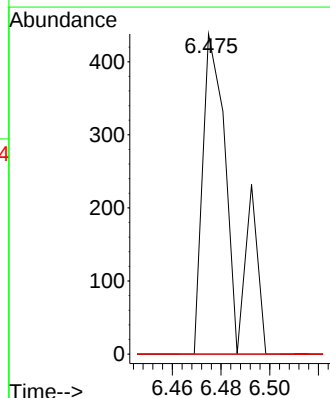
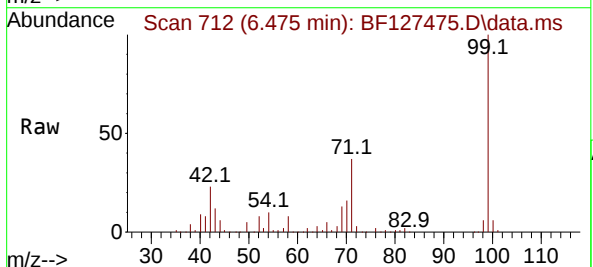
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

Tgt Ion: 99 Resp: 267004  
Ion Ratio Lower Upper  
99 100  
42 21.2 17.8 26.6  
71 34.3 29.6 44.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.475 min Scan# 712  
Delta R.T. 0.071 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

Tgt Ion: 77 Resp: 354  
Ion Ratio Lower Upper  
77 100  
105 0.0 66.8 106.8#  
106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 20.026 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127475.D

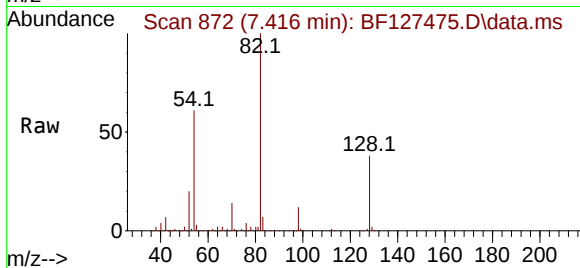
Acq: 23 Mar 2022 12:39

Instrument :

BNA\_F

ClientSampleId :

EB-20220321



Tgt Ion: 70 Resp: 89922

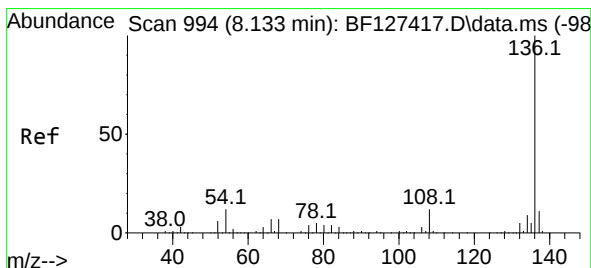
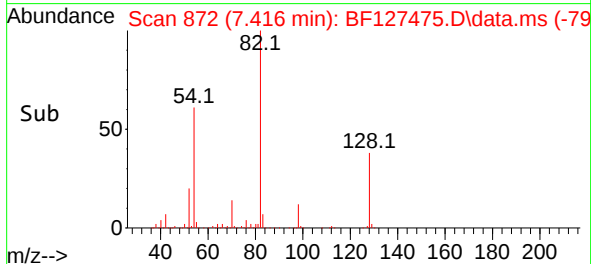
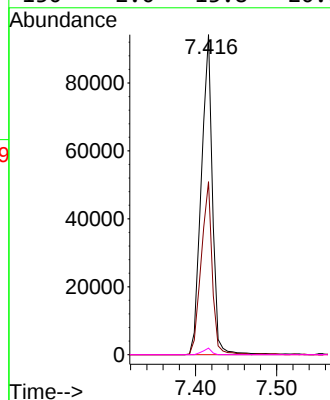
Ion Ratio Lower Upper

70 100

42 54.0 53.0 79.6

101 0.0 6.8 10.2#

130 2.0 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.128 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF127475.D

Acq: 23 Mar 2022 12:39

Tgt Ion: 136 Resp: 315315

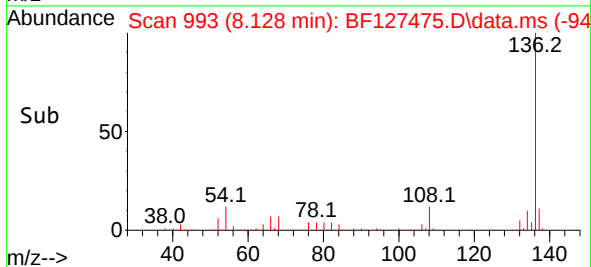
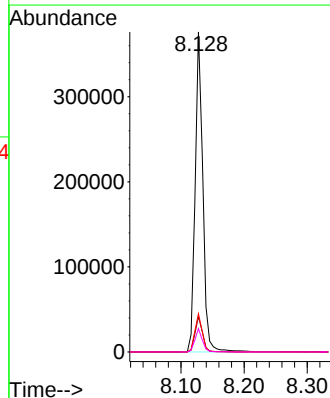
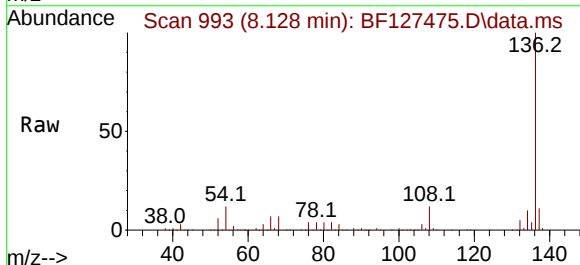
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 11.9 9.2 13.8

68 7.3 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.898 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127475.D

Acq: 23 Mar 2022 12:39

Instrument :

BNA\_F

ClientSampleId :

EB-20220321

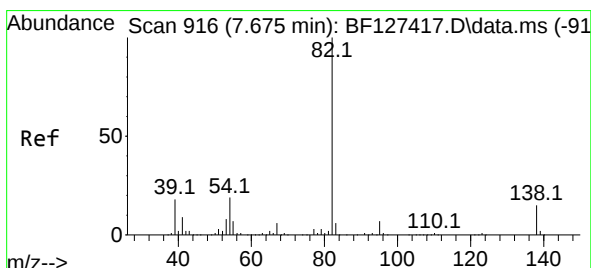
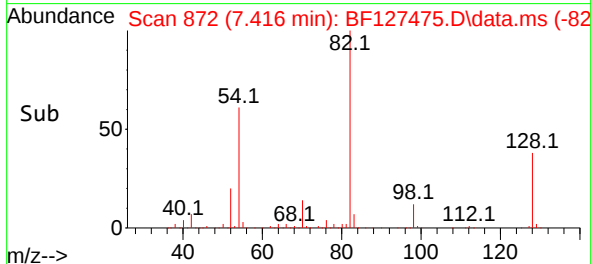
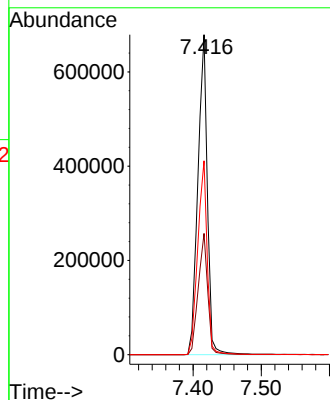
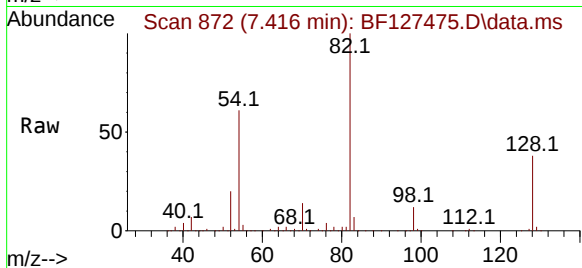
Tgt Ion: 82 Resp: 655757

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 60.6 48.2 72.2



#25

Isophorone

Concen: 55.815 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127475.D

Acq: 23 Mar 2022 12:39

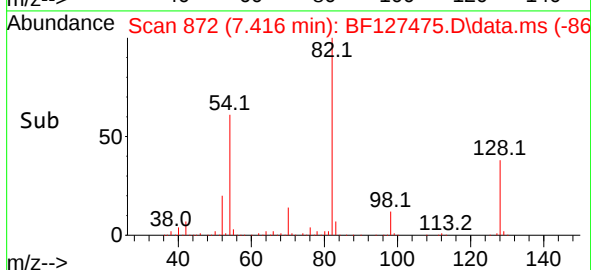
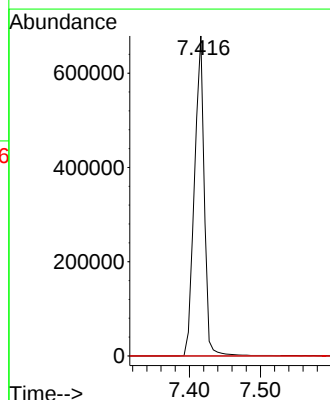
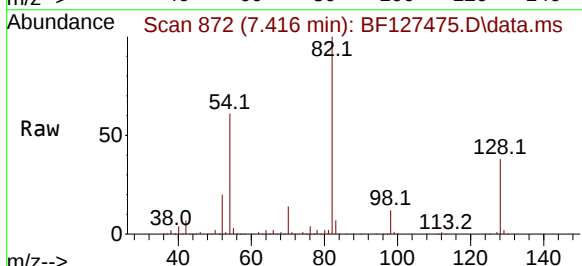
Tgt Ion: 82 Resp: 655751

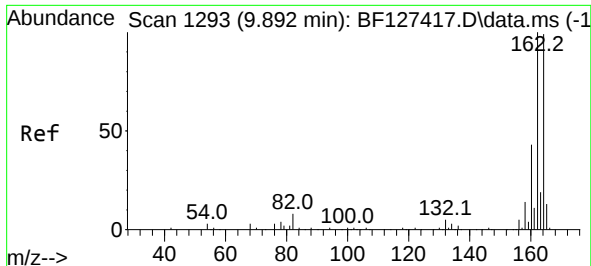
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127475.D

Acq: 23 Mar 2022 12:39

Instrument :

BNA\_F

ClientSampleId :

EB-20220321

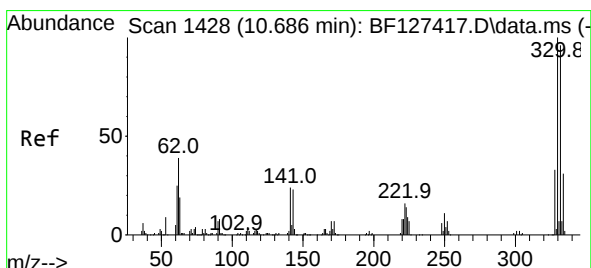
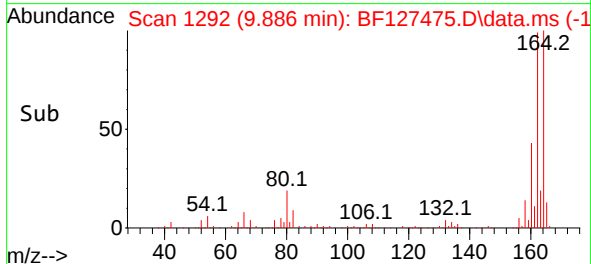
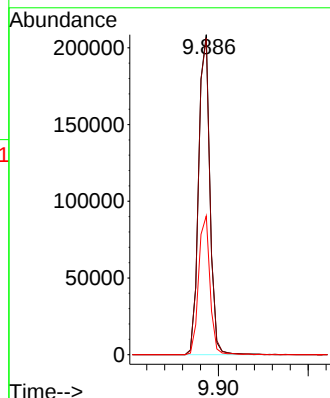
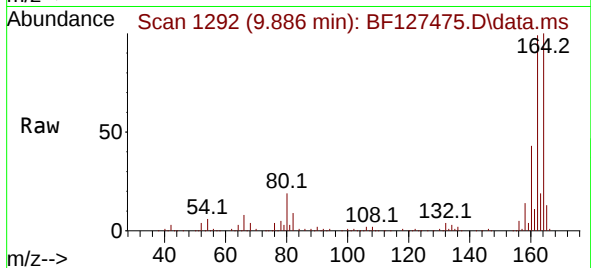
Tgt Ion:164 Resp: 181480

Ion Ratio Lower Upper

164 100

162 99.0 81.2 121.8

160 43.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 133.662 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127475.D

Acq: 23 Mar 2022 12:39

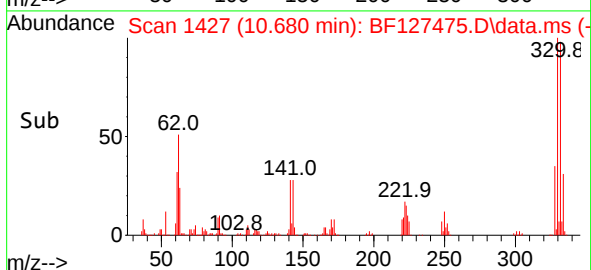
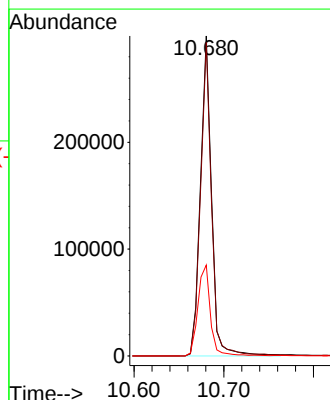
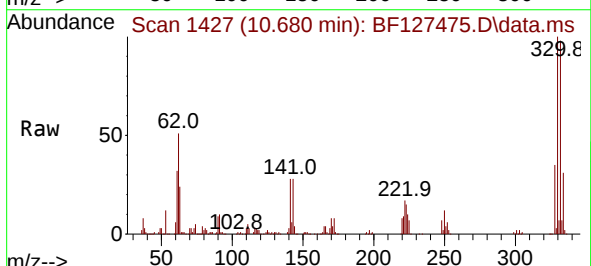
Tgt Ion:330 Resp: 258398

Ion Ratio Lower Upper

330 100

332 96.8 79.1 118.7

141 31.9 26.2 39.4

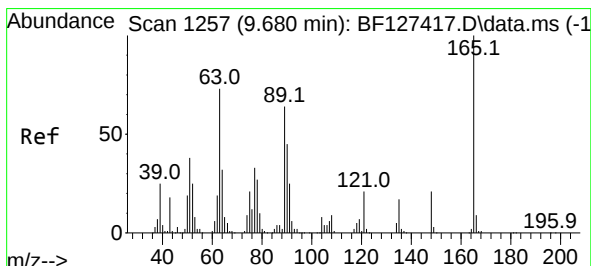
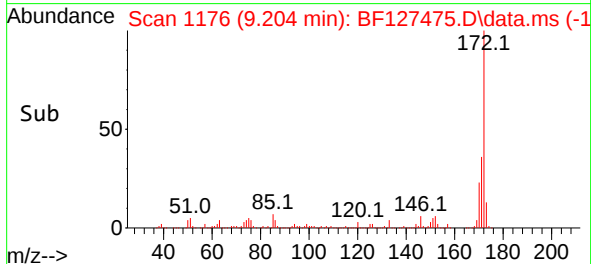
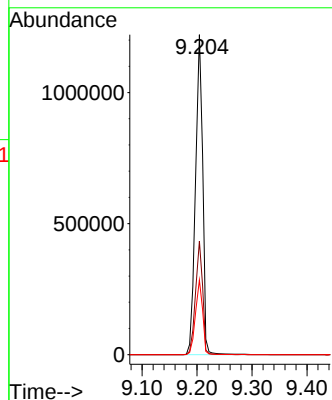
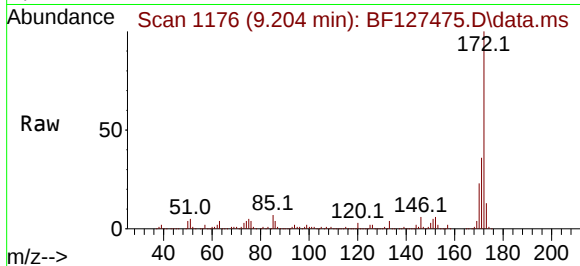




#45  
2-Fluorobiphenyl  
Concen: 88.992 ng  
RT: 9.204 min Scan# 1176  
Delta R.T. -0.006 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

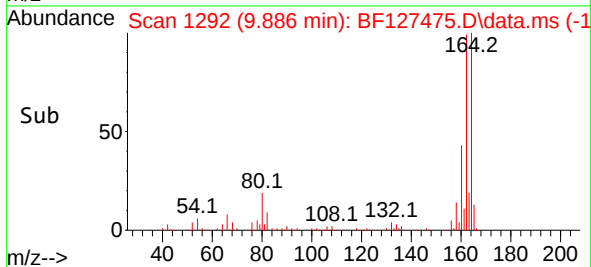
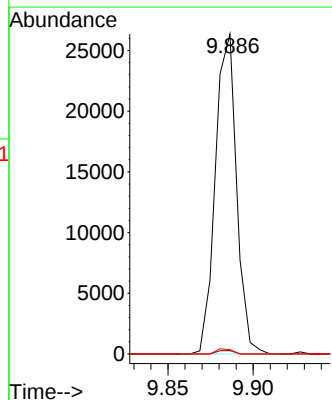
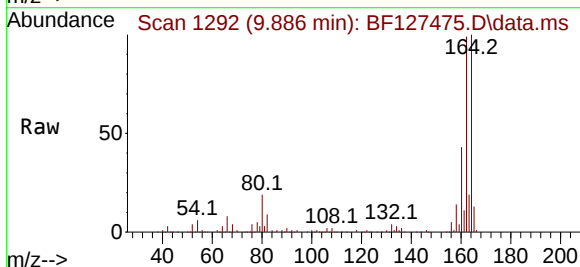
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

Tgt Ion:172 Resp: 1106013  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.4 42.6  
170 23.4 18.6 27.8



#51  
2,6-Dinitrotoluene  
Concen: 8.624 ng  
RT: 9.886 min Scan# 1292  
Delta R.T. 0.206 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

Tgt Ion:165 Resp: 22855  
Ion Ratio Lower Upper  
165 100  
63 1.1 58.3 87.5#  
89 1.3 51.5 77.3#

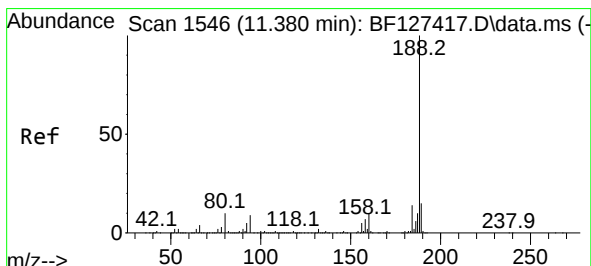
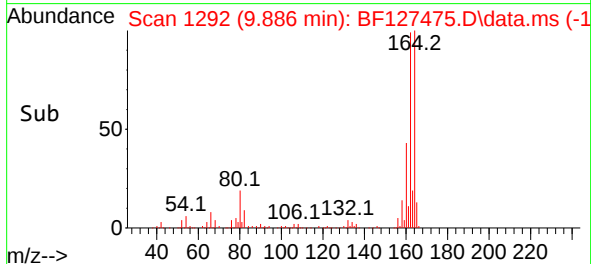
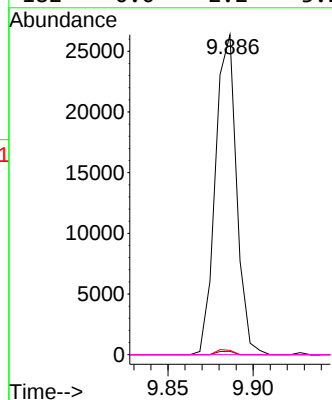
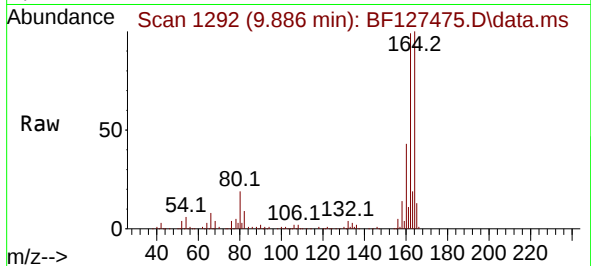




#57  
2,4-Dinitrotoluene  
Concen: 6.700 ng  
RT: 9.886 min Scan# 11  
Delta R.T. -0.200 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

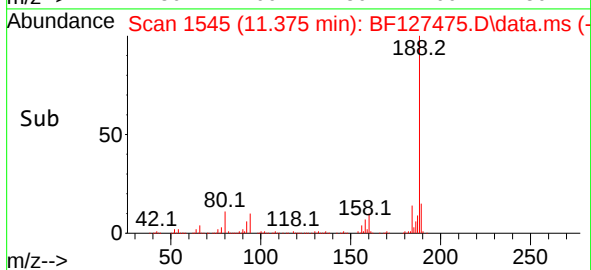
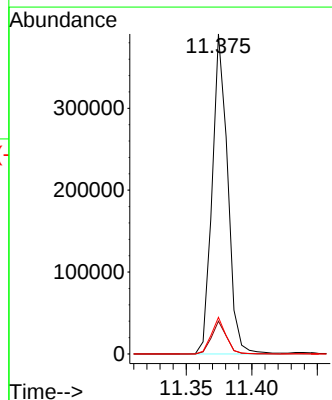
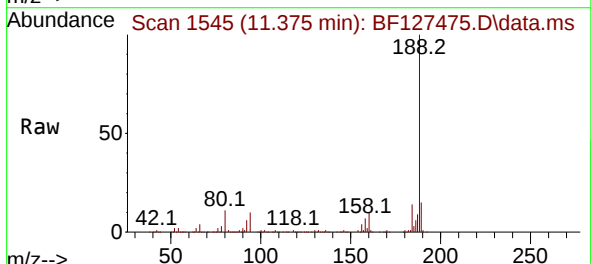
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

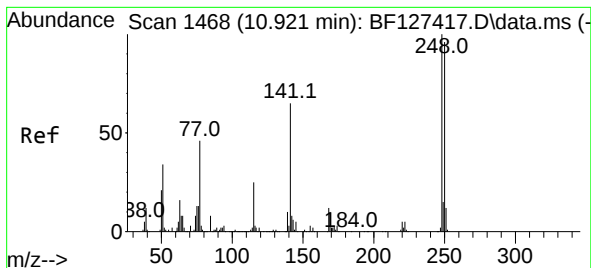
Tgt Ion:165 Resp: 22855  
Ion Ratio Lower Upper  
165 100  
63 1.1 53.1 79.7#  
89 1.3 69.2 103.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.375 min Scan# 1545  
Delta R.T. -0.005 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

Tgt Ion:188 Resp: 321337  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.4 11.0  
80 11.4 8.0 12.0

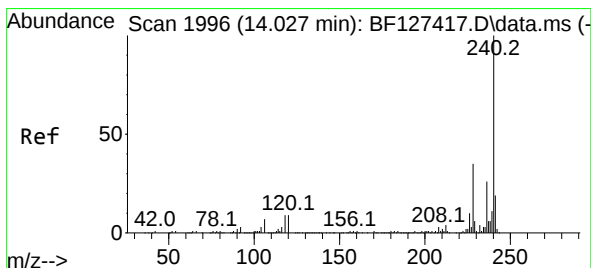
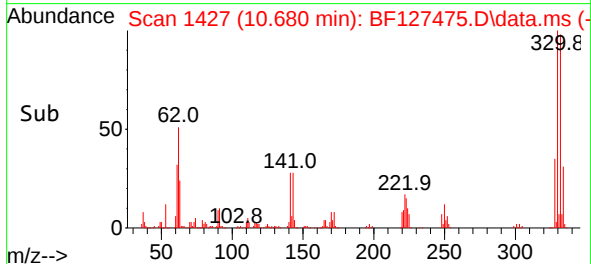
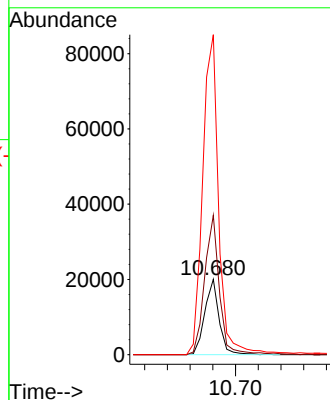
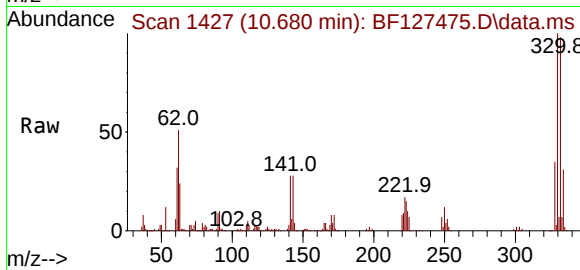




#67  
4-Bromophenyl-phenylether  
Concen: 4.668 ng  
RT: 10.680 min Scan# 1468  
Delta R.T. -0.241 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

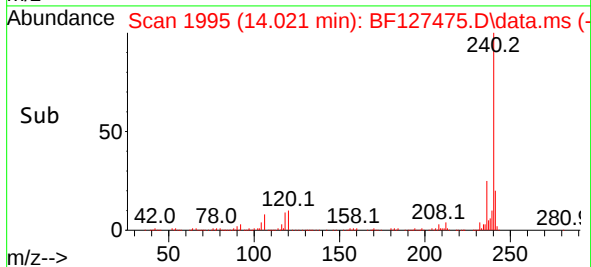
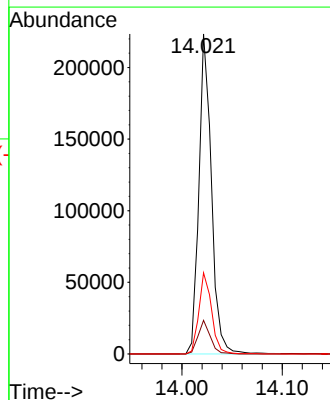
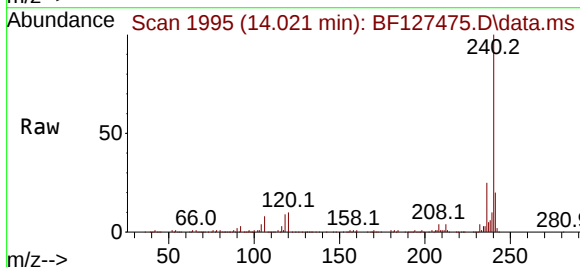
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

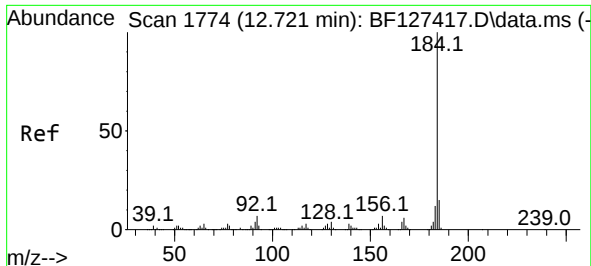
Tgt Ion:248 Resp: 17512  
Ion Ratio Lower Upper  
248 100  
250 185.1 76.6 115.0#  
141 424.9 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.021 min Scan# 1995  
Delta R.T. -0.006 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

Tgt Ion:240 Resp: 194193  
Ion Ratio Lower Upper  
240 100  
120 10.5 7.1 10.7  
236 25.4 20.7 31.1

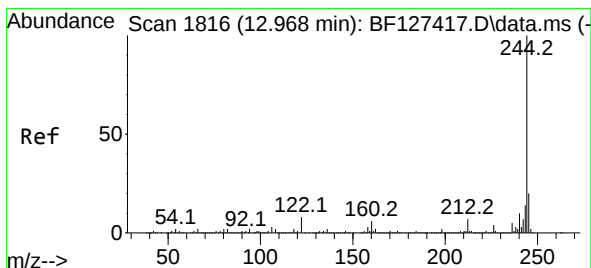
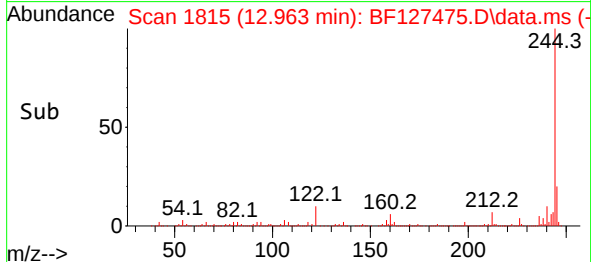
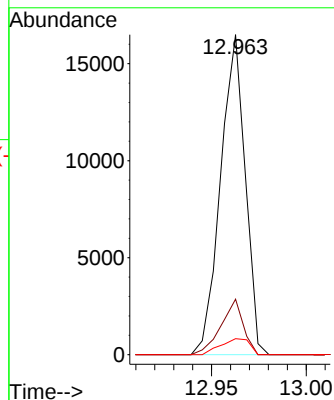
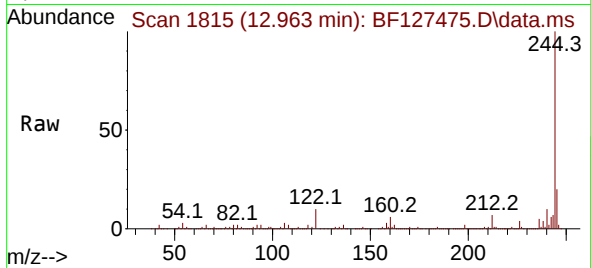




#77  
Benzidine  
Concen: 3.221 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. 0.241 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

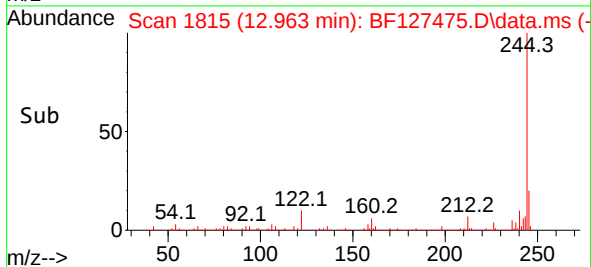
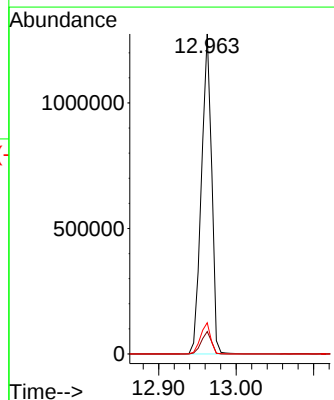
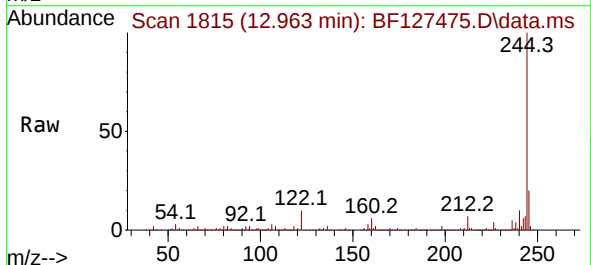
Instrument :  
BNA\_F  
ClientSampleId :  
EB-20220321

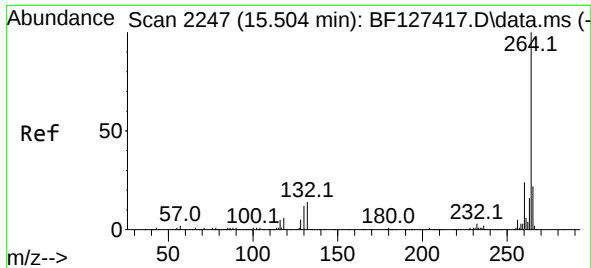
Tgt Ion:184 Resp: 14913  
Ion Ratio Lower Upper  
184 100  
185 17.4 12.2 18.2  
183 5.0 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 98.070 ng  
RT: 12.963 min Scan# 1815  
Delta R.T. -0.006 min  
Lab File: BF127475.D  
Acq: 23 Mar 2022 12:39

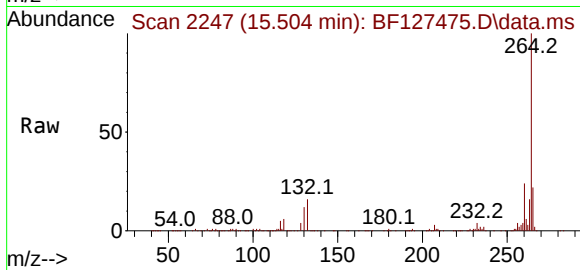
Tgt Ion:244 Resp: 1163365  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.7 8.5  
122 9.8 6.2 9.2#





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.504 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: BF127475.D  
 Acq: 23 Mar 2022 12:39

Instrument :  
 BNA\_F  
 ClientSampleId :  
 EB-20220321



Tgt Ion:264 Resp: 188635  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 19.1 28.7  
 265 22.3 17.4 26.2

