

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF041522\  
 Data File : BF127802.D  
 Acq On : 15 Apr 2022 14:36  
 Operator : CG\JU  
 Sample : N2432-01  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6075

Quant Time: Apr 18 01:23:58 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF040622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 13 16:40:15 2022  
 Response via : Initial Calibration

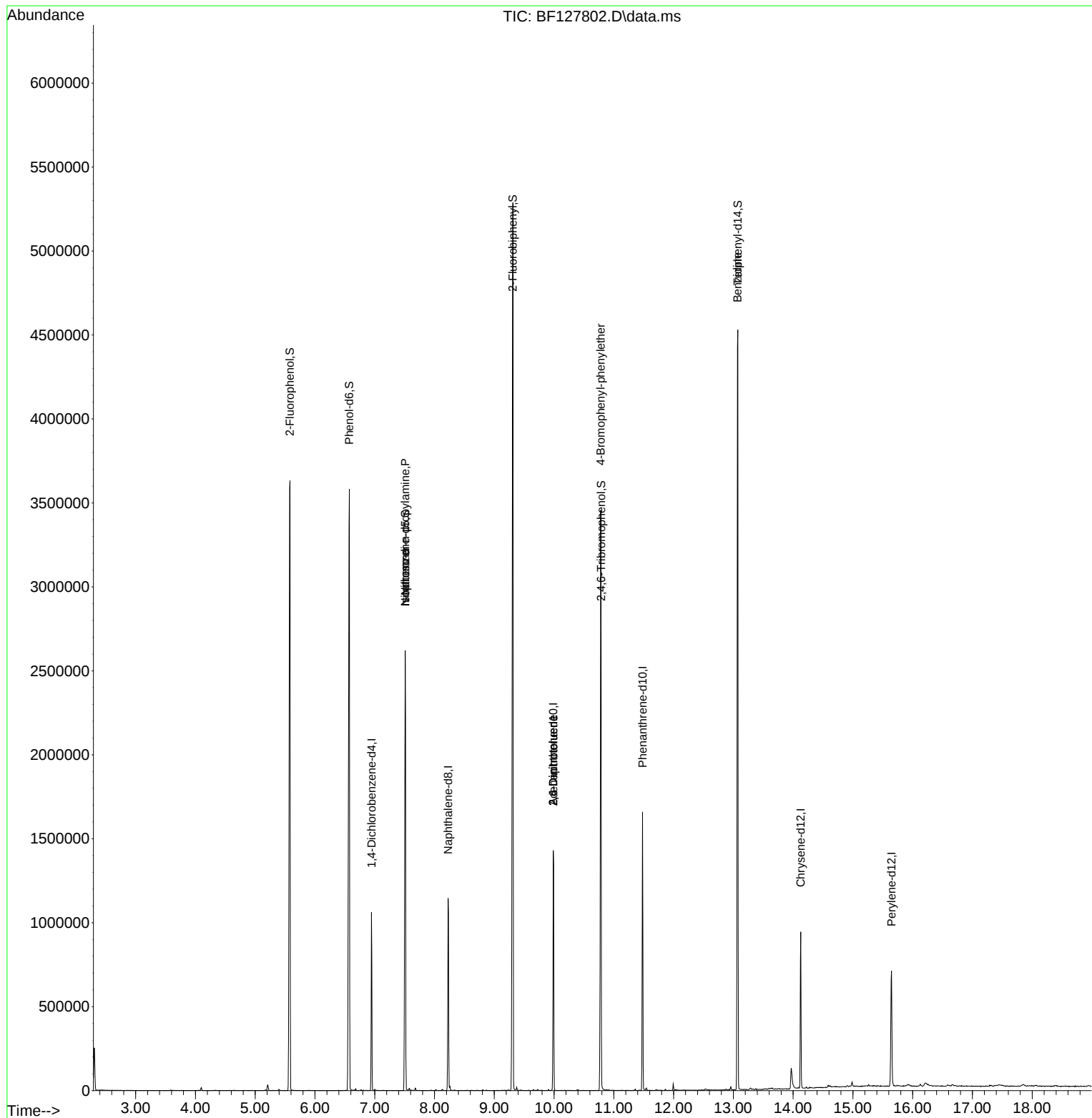
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.946  | 152  | 144846   | 20.000    | ng    | -0.02    |
| 21) Naphthalene-d8            | 8.228  | 136  | 538815   | 20.000    | ng    | -0.02    |
| 39) Acenaphthene-d10          | 9.986  | 164  | 313300   | 20.000    | ng    | -0.02    |
| 64) Phenanthrene-d10          | 11.481 | 188  | 558311   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12              | 14.127 | 240  | 325756   | 20.000    | ng    | -0.02    |
| 86) Perylene-d12              | 15.645 | 264  | 336013   | 20.000    | ng    | -0.02    |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.581  | 112  | 1087657  | 122.015   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.575  | 99   | 1405319  | 120.508   | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.510  | 82   | 1027186  | 84.989    | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol      | 10.786 | 330  | 430160   | 129.023   | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.310  | 172  | 1769438  | 79.897    | ng    | -0.01    |
| 79) Terphenyl-d14             | 13.075 | 244  | 1778733  | 90.128    | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.569  | 77   | 2639     | Below Cal | #     | 7        |
| 19) n-Nitroso-di-n-propyla... | 7.510  | 70   | 139175   | 18.452    | ng    | # 73     |
| 25) Isophorone                | 7.510  | 82   | 1024360  | 48.572    | ng    | # 70     |
| 51) 2,6-Dinitrotoluene        | 9.986  | 165  | 40310    | 9.417     | ng    | # 17     |
| 57) 2,4-Dinitrotoluene        | 9.986  | 165  | 40310    | 7.595     | ng    | # 14     |
| 67) 4-Bromophenyl-phenylether | 10.781 | 248  | 27916    | 4.120     | ng    | # 1      |
| 77) Benizidine                | 13.069 | 184  | 24844    | 2.922     | ng    | # 93     |
| -----                         |        |      |          |           |       |          |

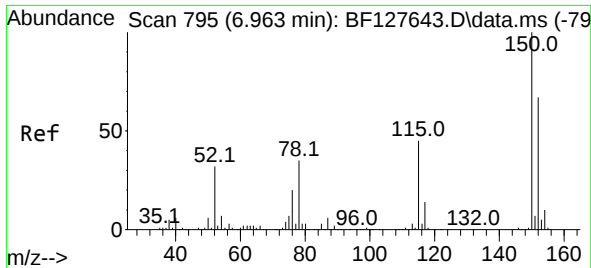
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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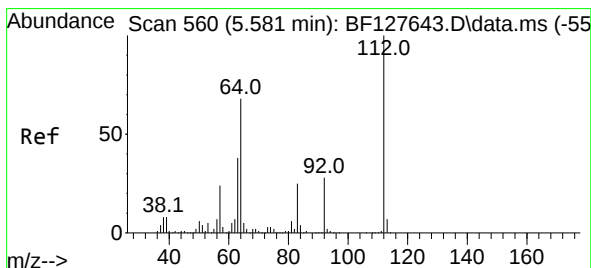
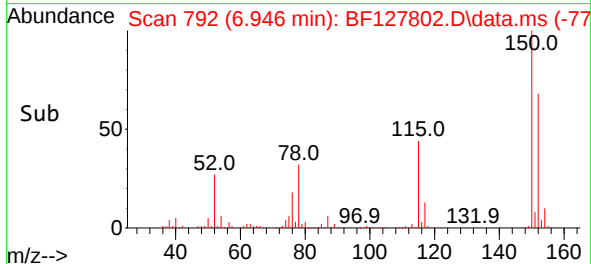
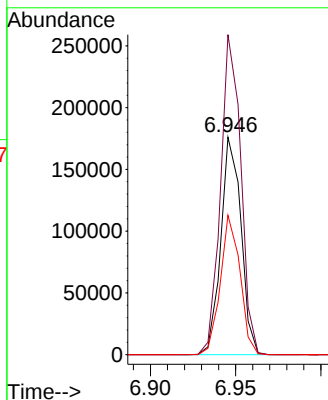
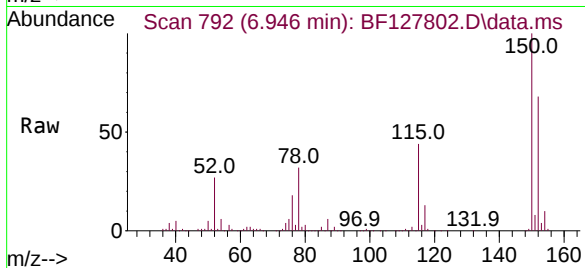




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.946 min Scan# 795  
Delta R.T. -0.017 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

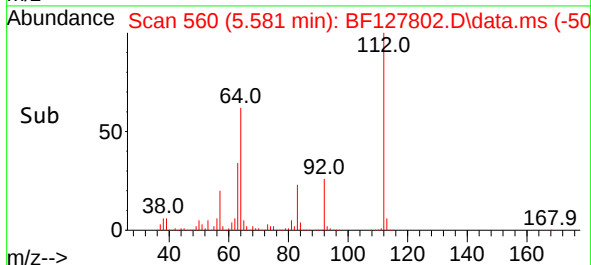
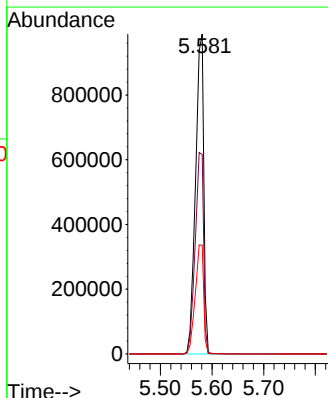
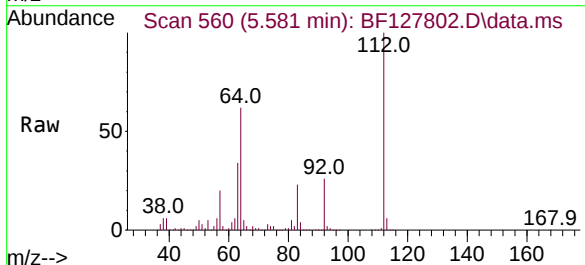
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6075

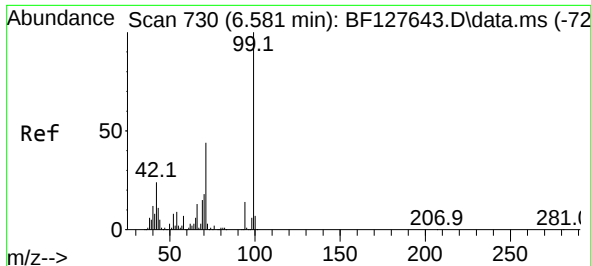
Tgt Ion:152 Resp: 144846  
Ion Ratio Lower Upper  
152 100  
150 147.1 117.2 175.8  
115 64.1 49.8 74.6



#5  
2-Fluorophenol  
Concen: 122.015 ng  
RT: 5.581 min Scan# 560  
Delta R.T. 0.000 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

Tgt Ion:112 Resp: 1087657  
Ion Ratio Lower Upper  
112 100  
64 62.4 58.4 87.6  
63 34.0 30.1 45.1

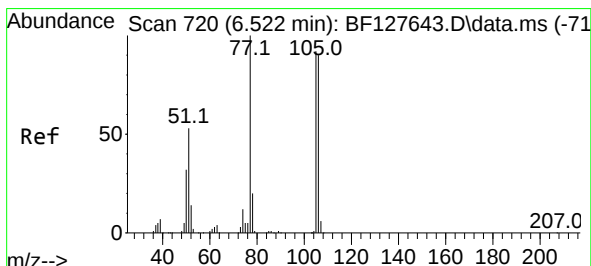
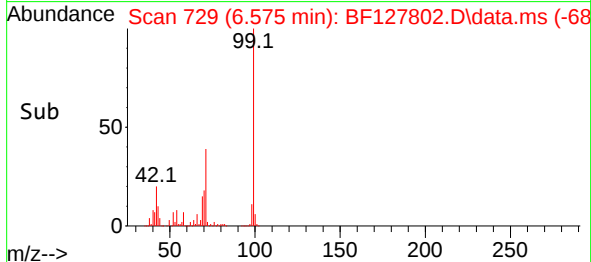
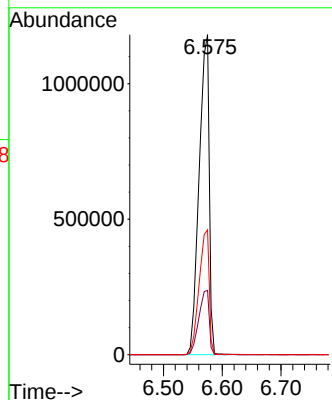
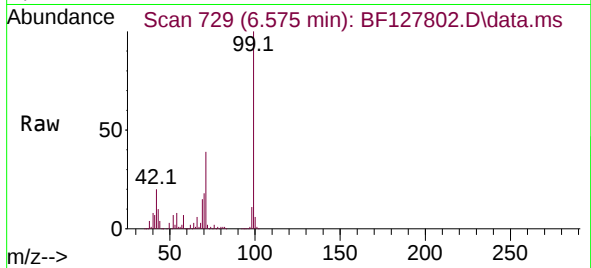




#7  
Phenol-d6  
Concen: 120.508 ng  
RT: 6.575 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

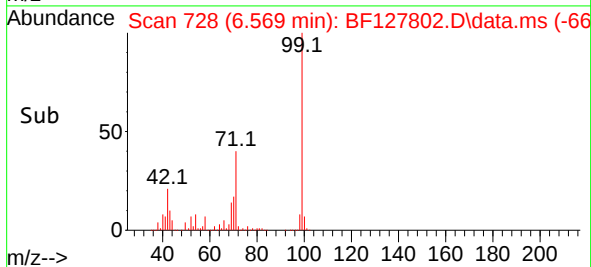
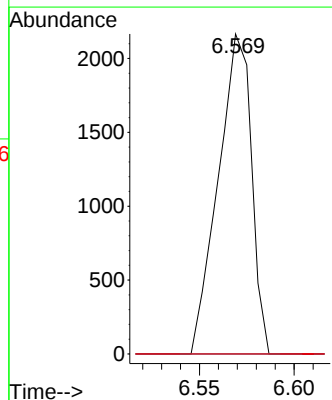
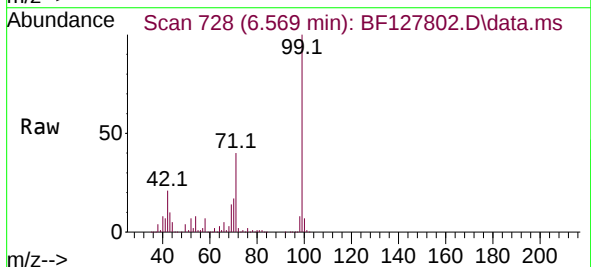
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6075

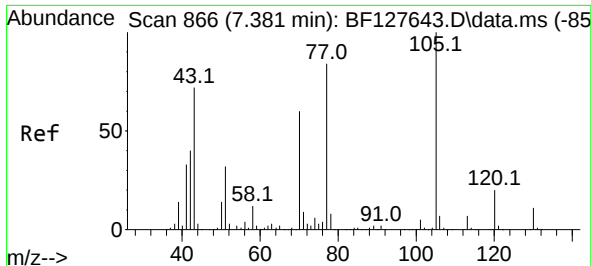
Tgt Ion: 99 Resp: 1405319  
Ion Ratio Lower Upper  
99 100  
42 20.1 17.8 26.6  
71 39.0 29.6 44.4



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.569 min Scan# 728  
Delta R.T. 0.053 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

Tgt Ion: 77 Resp: 2639  
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: 18.452 ng

RT: 7.510 min Scan# 81

Delta R.T. 0.135 min

Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

Instrument :

BNA\_F

ClientSampleId :

SB-6075

Tgt Ion: 70 Resp: 139175

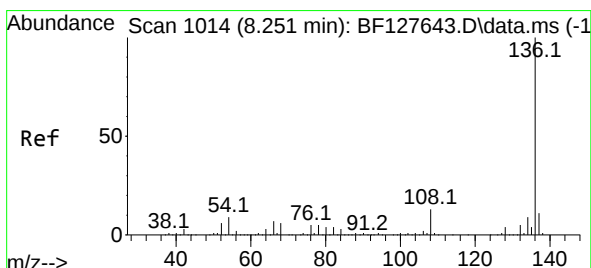
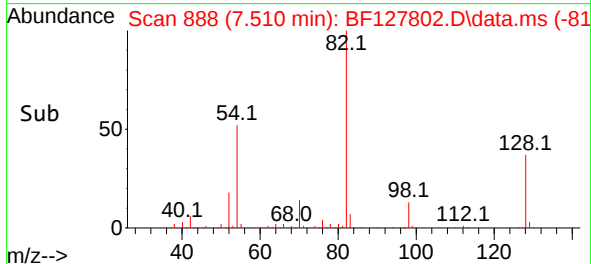
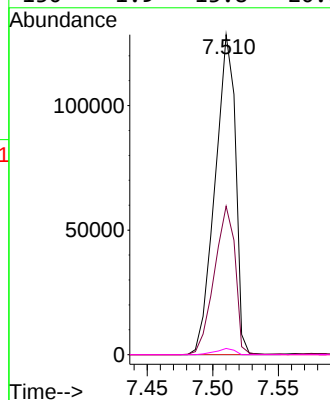
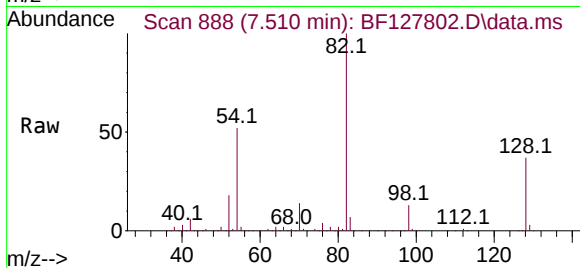
Ion Ratio Lower Upper

70 100

42 46.4 53.0 79.6#

101 0.0 6.8 10.2#

130 1.9 13.8 20.6#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.228 min Scan# 1010

Delta R.T. -0.018 min

Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

Tgt Ion: 136 Resp: 538815

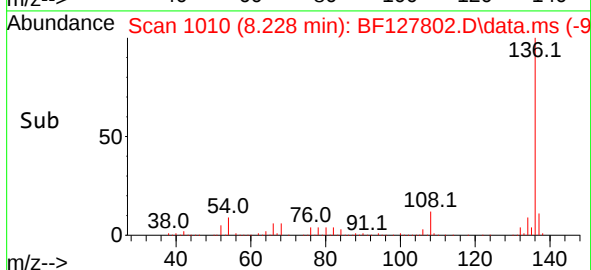
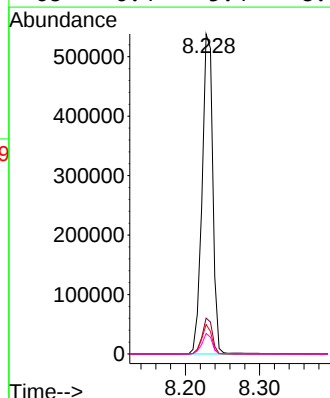
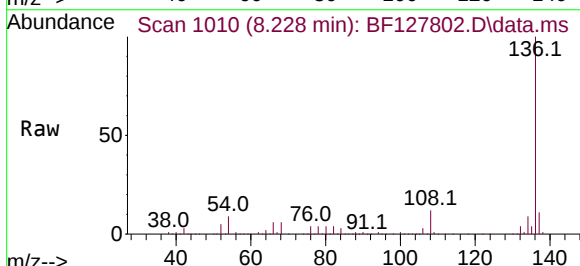
Ion Ratio Lower Upper

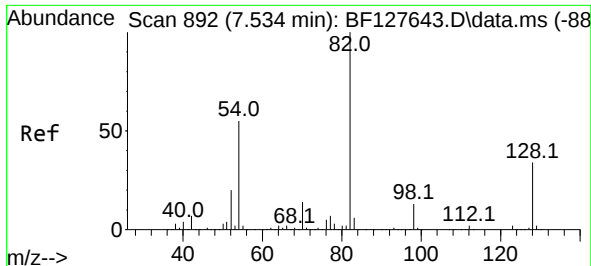
136 100

137 11.2 8.6 13.0

54 9.2 9.2 13.8

68 6.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 84.989 ng

RT: 7.510 min Scan# 888

Delta R.T. -0.018 min

Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

Instrument :

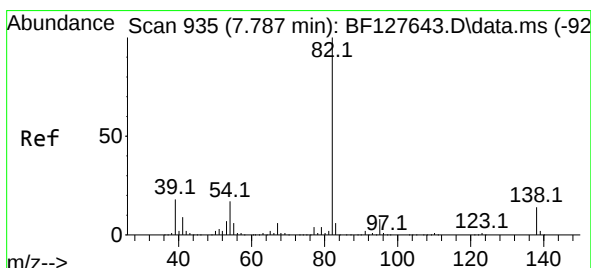
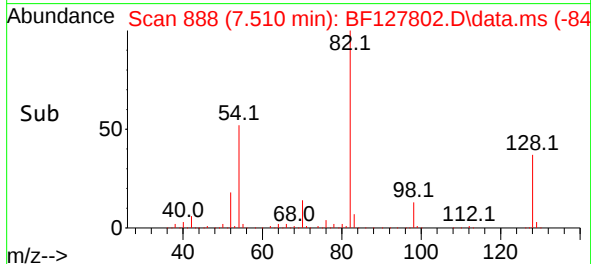
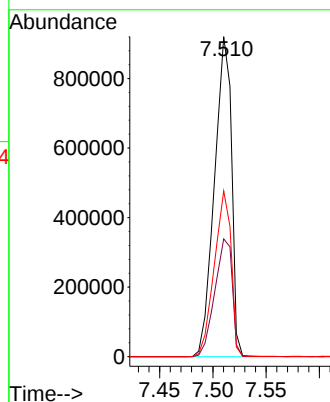
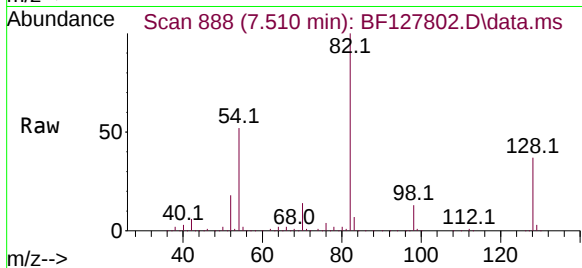
BNA\_F

ClientSampleId :

SB-6075

Tgt Ion: 82 Resp: 1027186

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 36.8  | 30.6  | 45.8  |
| 54  | 51.8  | 48.2  | 72.2  |



#25

Isophorone

Concen: 48.572 ng

RT: 7.510 min Scan# 888

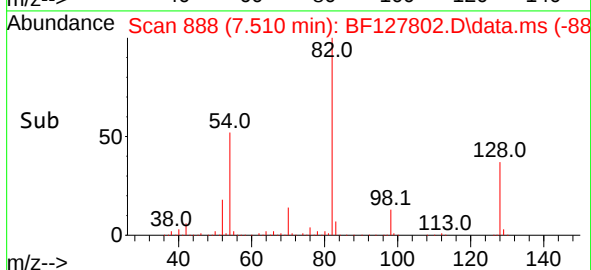
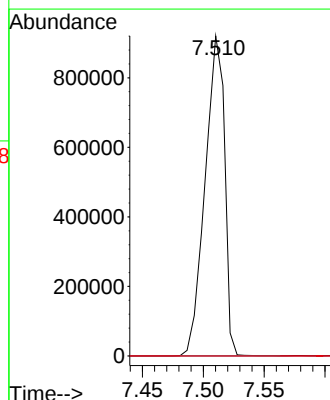
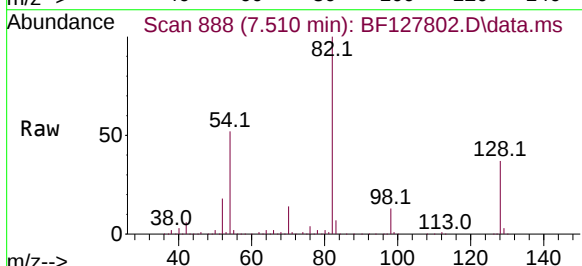
Delta R.T. -0.276 min

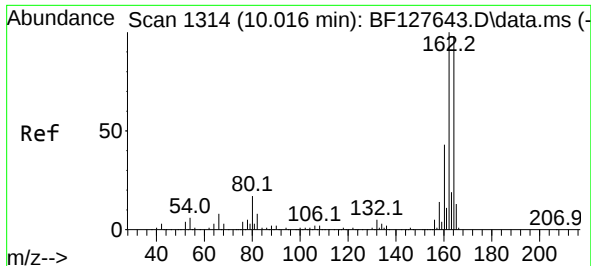
Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

Tgt Ion: 82 Resp: 1024360

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 0.0   | 5.8   | 8.8#  |
| 138 | 0.0   | 11.6  | 17.4# |

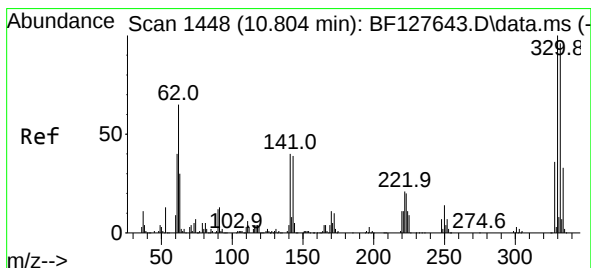
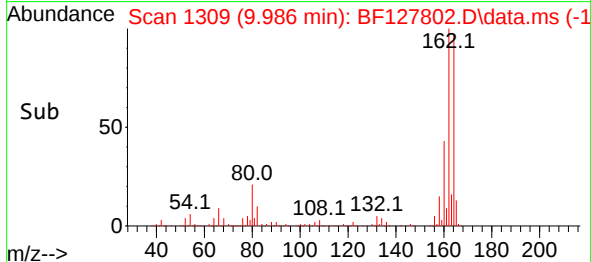
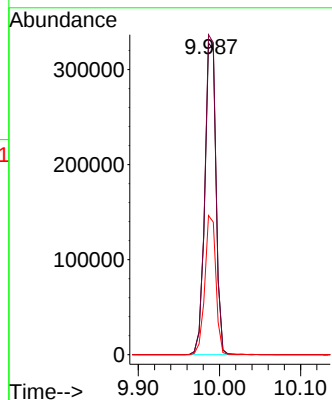
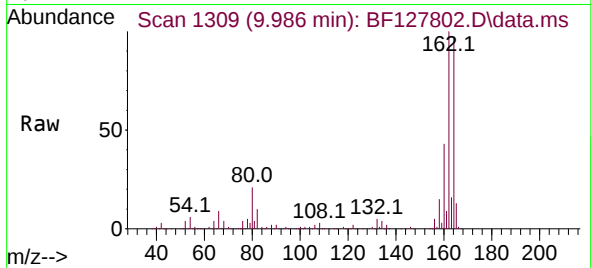




#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.986 min Scan# 11  
Delta R.T. -0.018 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

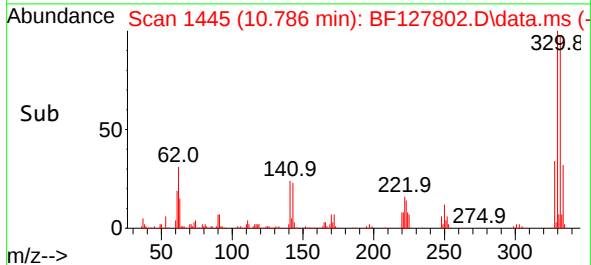
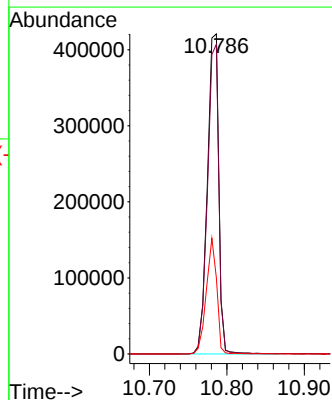
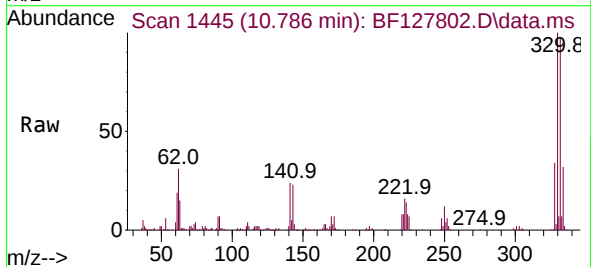
Instrument :  
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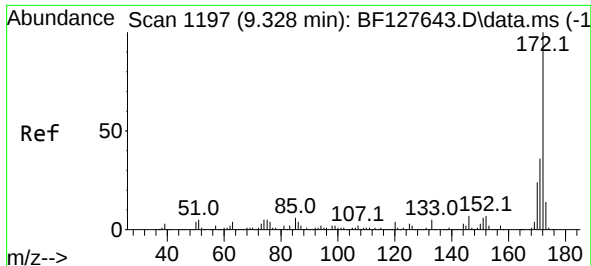
Tgt Ion:164 Resp: 313300  
Ion Ratio Lower Upper  
164 100  
162 102.7 81.2 121.8  
160 44.7 34.6 52.0



#42  
2,4,6-Tribromophenol  
Concen: 129.023 ng  
RT: 10.786 min Scan# 1445  
Delta R.T. -0.012 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

Tgt Ion:330 Resp: 430160  
Ion Ratio Lower Upper  
330 100  
332 95.7 79.1 118.7  
141 33.2 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.897 ng

RT: 9.310 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

Instrument :

BNA\_F

ClientSampleId :

SB-6075

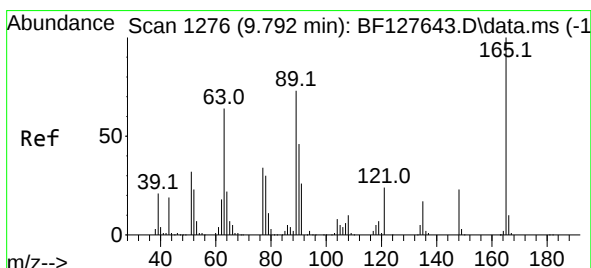
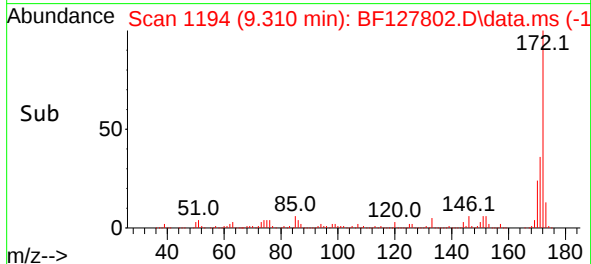
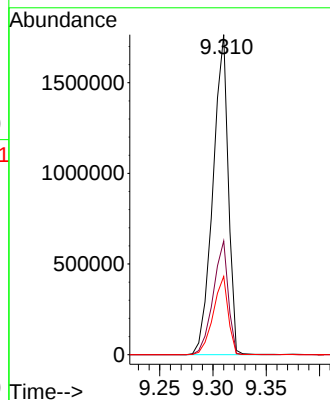
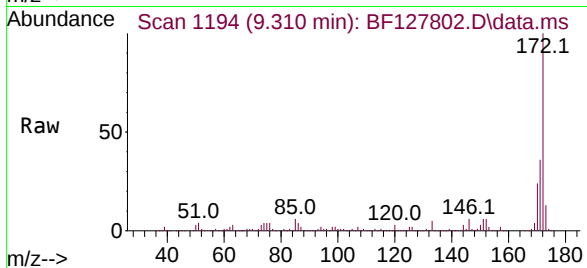
Tgt Ion:172 Resp: 1769438

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 9.417 ng

RT: 9.986 min Scan# 1309

Delta R.T. 0.200 min

Lab File: BF127802.D

Acq: 15 Apr 2022 14:36

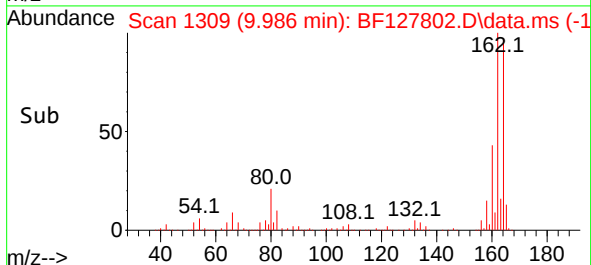
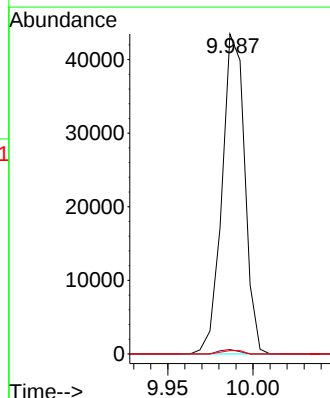
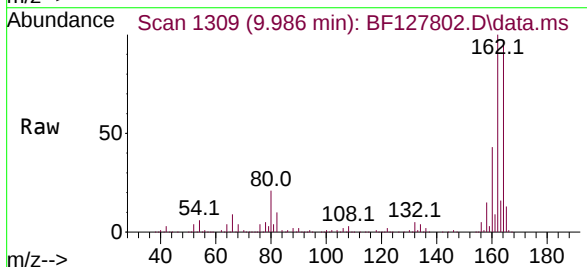
Tgt Ion:165 Resp: 40310

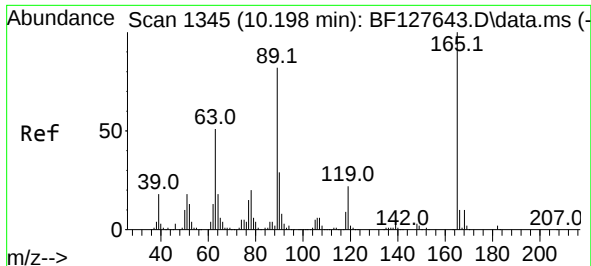
Ion Ratio Lower Upper

165 100

63 1.4 58.3 87.5#

89 1.0 51.5 77.3#

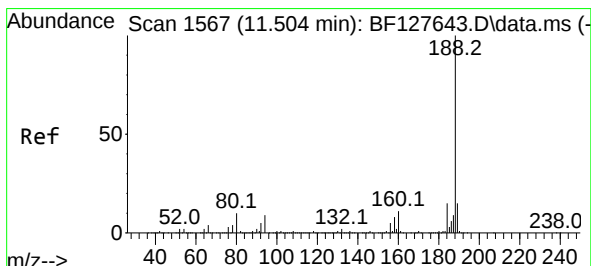
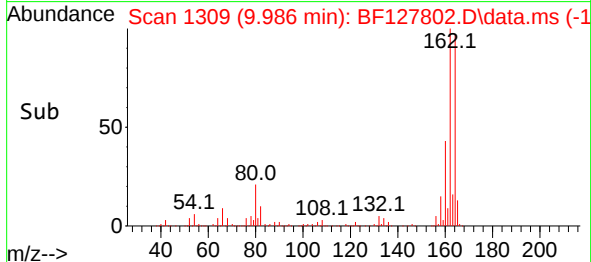
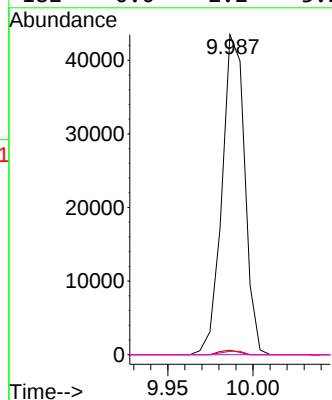
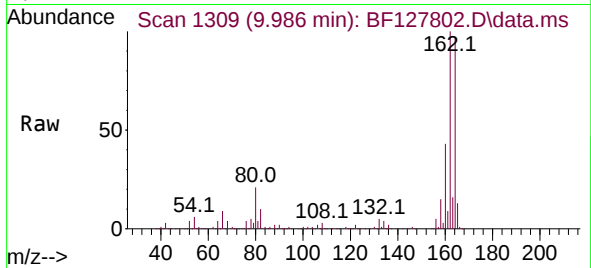




#57  
2,4-Dinitrotoluene  
Concen: 7.595 ng  
RT: 9.986 min Scan# 11  
Delta R.T. -0.206 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

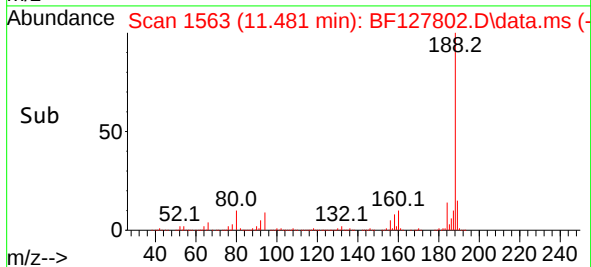
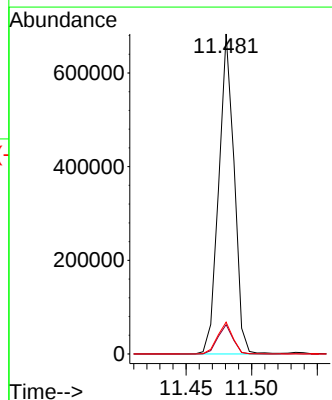
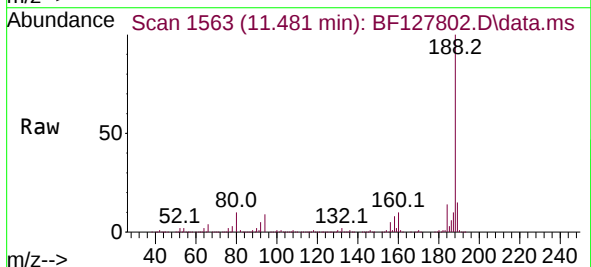
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6075

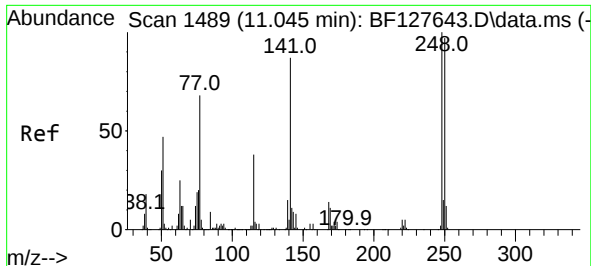
Tgt Ion:165 Resp: 40310  
Ion Ratio Lower Upper  
165 100  
63 1.4 53.1 79.7#  
89 1.0 69.2 103.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.481 min Scan# 1563  
Delta R.T. -0.012 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

Tgt Ion:188 Resp: 558311  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.0  
80 10.0 8.0 12.0

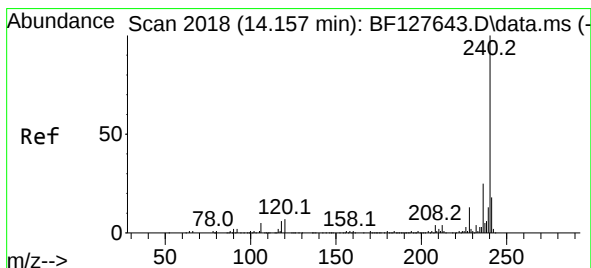
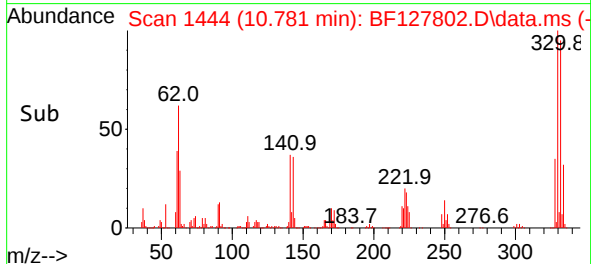
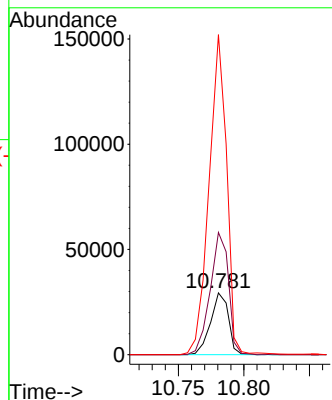
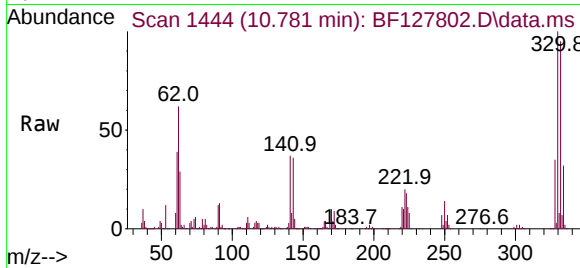




#67  
4-Bromophenyl-phenylether  
Concen: 4.120 ng  
RT: 10.781 min Scan# 14  
Delta R.T. -0.259 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

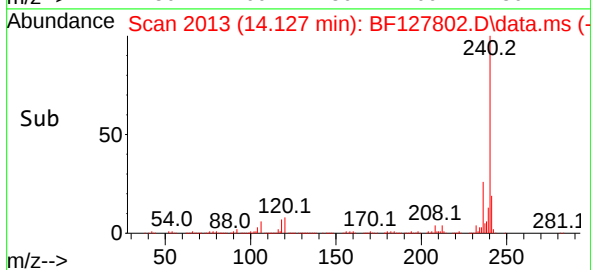
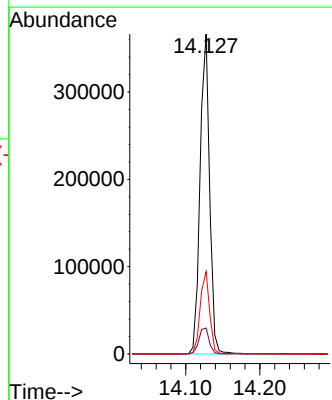
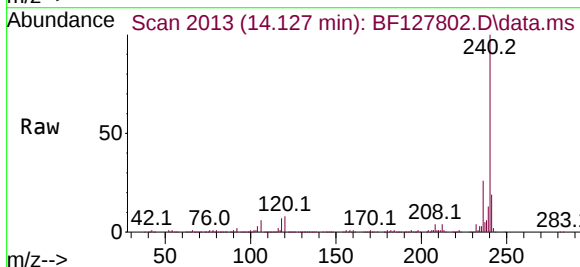
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6075

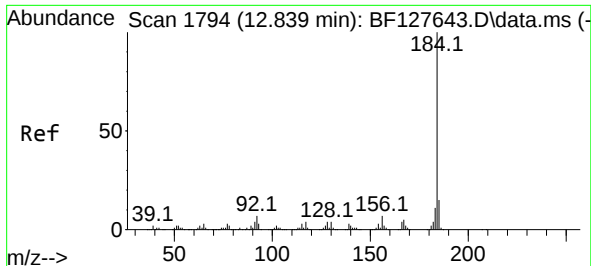
Tgt Ion:248 Resp: 27916  
Ion Ratio Lower Upper  
248 100  
250 197.6 76.6 115.0#  
141 517.5 52.2 78.2#



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.127 min Scan# 2013  
Delta R.T. -0.018 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

Tgt Ion:240 Resp: 325756  
Ion Ratio Lower Upper  
240 100  
120 8.1 7.1 10.7  
236 25.8 20.7 31.1

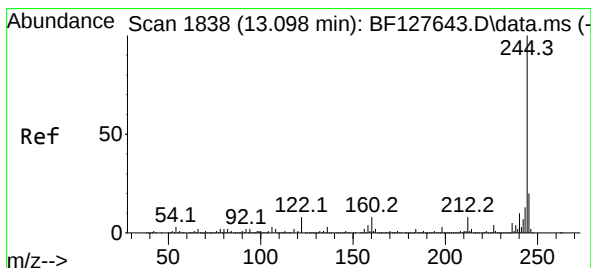
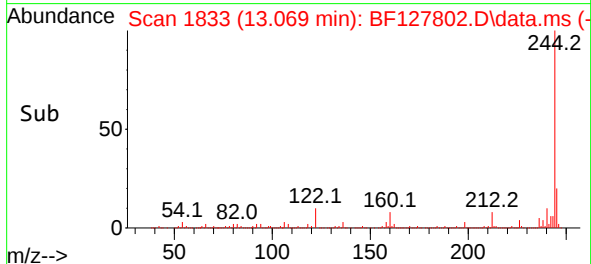
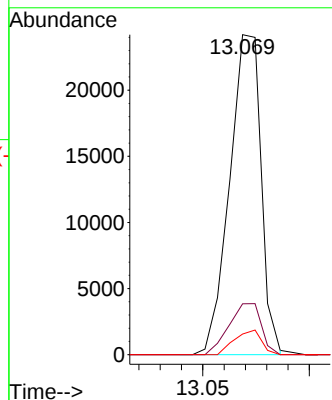
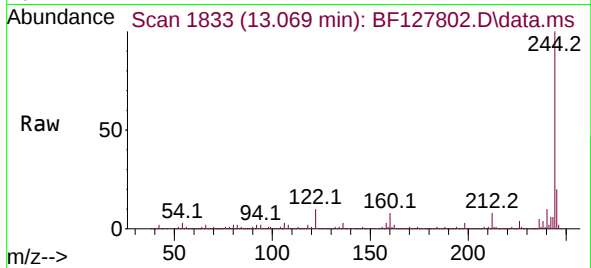




#77  
Benzidine  
Concen: 2.922 ng  
RT: 13.069 min Scan# 1833  
Delta R.T. 0.241 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

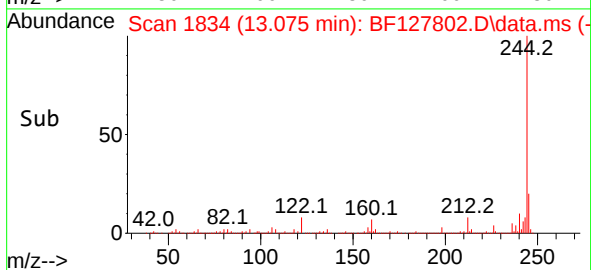
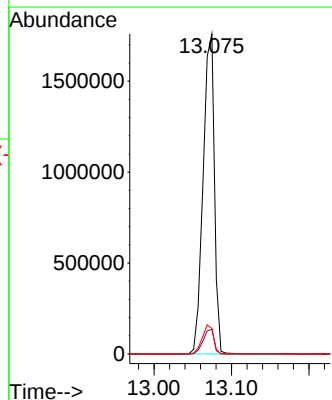
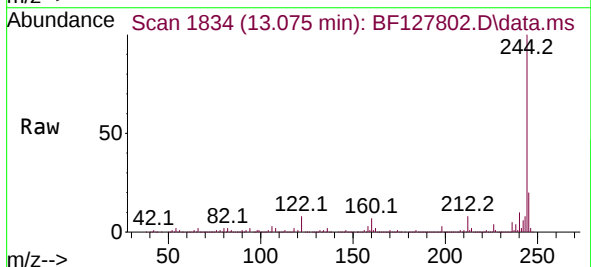
Instrument :  
BNA\_F  
ClientSampleId :  
SB-6075

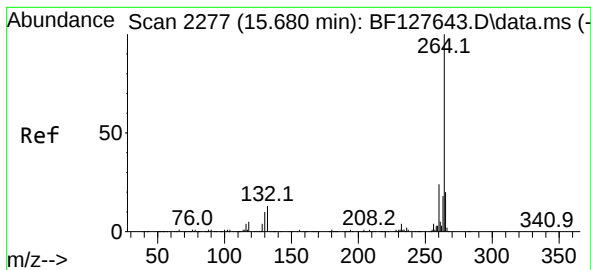
Tgt Ion:184 Resp: 24844  
Ion Ratio Lower Upper  
184 100  
185 15.9 12.2 18.2  
183 6.4 9.4 14.0#



#79  
Terphenyl-d14  
Concen: 90.128 ng  
RT: 13.075 min Scan# 1834  
Delta R.T. -0.006 min  
Lab File: BF127802.D  
Acq: 15 Apr 2022 14:36

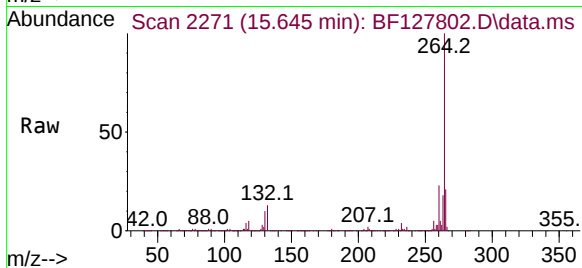
Tgt Ion:244 Resp: 1778733  
Ion Ratio Lower Upper  
244 100  
212 7.7 5.7 8.5  
122 8.0 6.2 9.2





#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.645 min Scan# 21  
 Delta R.T. -0.018 min  
 Lab File: BF127802.D  
 Acq: 15 Apr 2022 14:36

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-6075



Tgt Ion:264 Resp: 336013  
 Ion Ratio Lower Upper  
 264 100  
 260 23.3 19.1 28.7  
 265 21.2 17.4 26.2

