

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF030422\  
 Data File : BF127208.D  
 Acq On : 04 Mar 2022 18:42  
 Operator : CG\JU  
 Sample : N1793-10  
 Misc :  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-4

Quant Time: Mar 05 02:21:38 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Sat Mar 05 02:16:58 2022  
 Response via : Initial Calibration

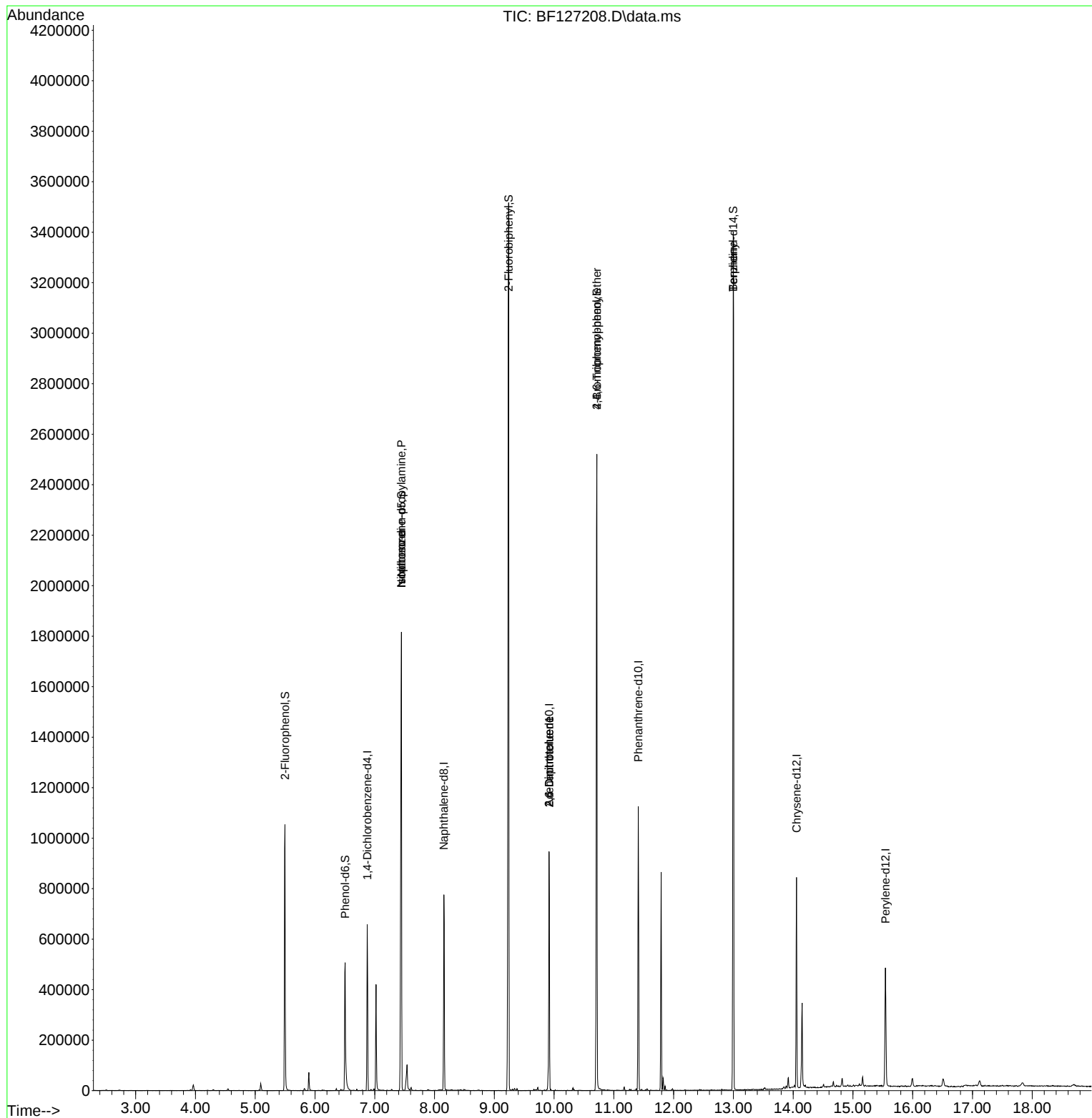
| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.875  | 152  | 84303    | 20.000  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.157  | 136  | 335329   | 20.000  | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.916  | 164  | 180763   | 20.000  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.410 | 188  | 354297   | 20.000  | ng    | # 0.00   |
| 76) Chrysene-d12              | 14.057 | 240  | 253060   | 20.000  | ng    | # 0.00   |
| 86) Perylene-d12              | 15.545 | 264  | 182050   | 20.000  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 262445   | 48.115  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.504  | 99   | 194168   | 26.381  | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.445  | 82   | 631573   | 85.014  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.716 | 330  | 316386   | 152.018 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.239  | 172  | 1083346  | 88.229  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.998 | 244  | 1218478  | 70.782  | ng    | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.445  | 70   | 85512    | 18.031  | ng    | # 79     |
| 25) Isophorone                | 7.445  | 82   | 631565   | 51.375  | ng    | # 69     |
| 51) 2,6-Dinitrotoluene        | 9.916  | 165  | 23463    | 8.925   | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.916  | 165  | 23463    | 6.601   | ng    | # 15     |
| 67) 4-Bromophenyl-phenylether | 10.716 | 248  | 18011    | 4.550   | ng    | # 1      |
| 77) Benzidine                 | 12.998 | 184  | 17367    | 2.525   | ng    | 95       |
| -----                         |        |      |          |         |       |          |

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF021622.M  
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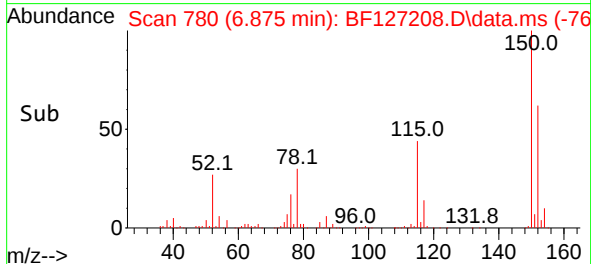
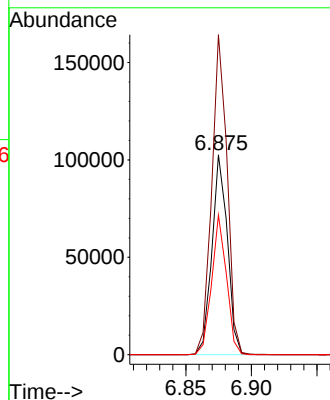
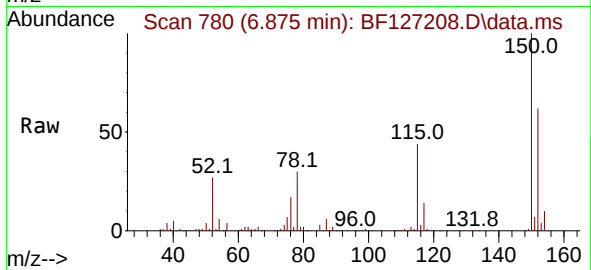




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.000 ng  
 RT: 6.875 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: BF127208.D  
 Acq: 04 Mar 2022 18:42

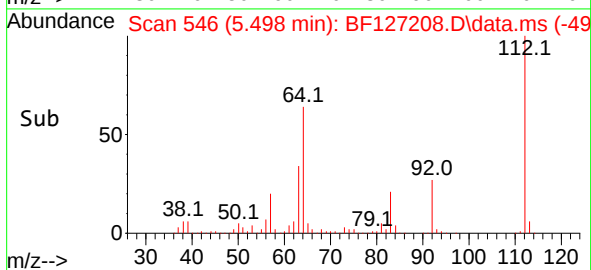
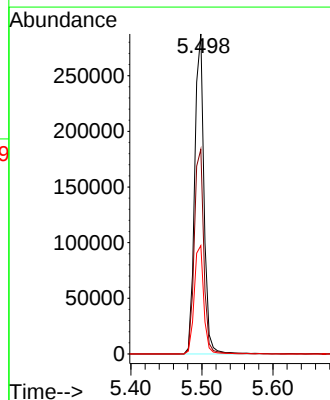
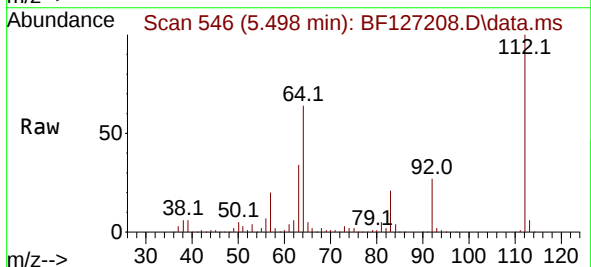
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-4

Tgt Ion:152 Resp: 84303  
 Ion Ratio Lower Upper  
 152 100  
 150 160.1 128.1 192.1  
 115 69.9 56.7 85.1



#5  
 2-Fluorophenol  
 Concen: 48.115 ng  
 RT: 5.498 min Scan# 546  
 Delta R.T. -0.000 min  
 Lab File: BF127208.D  
 Acq: 04 Mar 2022 18:42

Tgt Ion:112 Resp: 262445  
 Ion Ratio Lower Upper  
 112 100  
 64 63.9 49.5 74.3  
 63 33.8 23.9 35.9

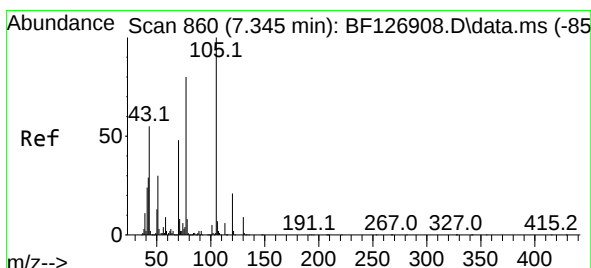
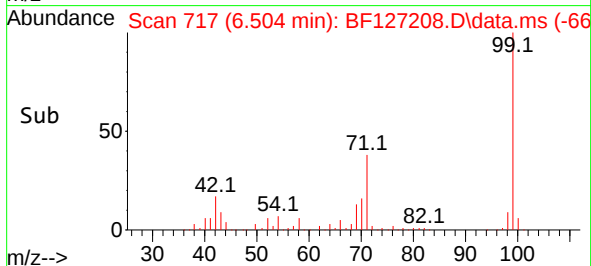
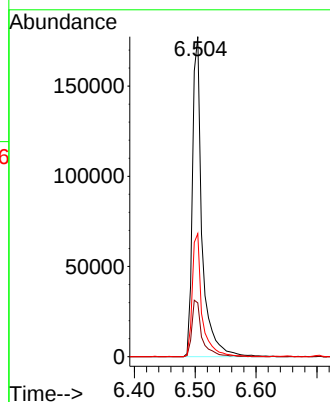
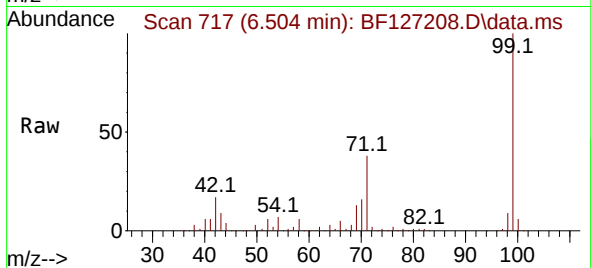




#7  
Phenol-d6  
Concen: 26.381 ng  
RT: 6.504 min Scan# 717  
Delta R.T. -0.012 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

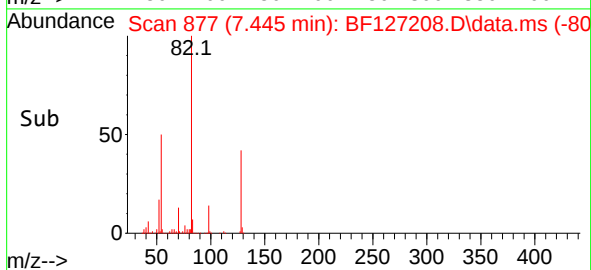
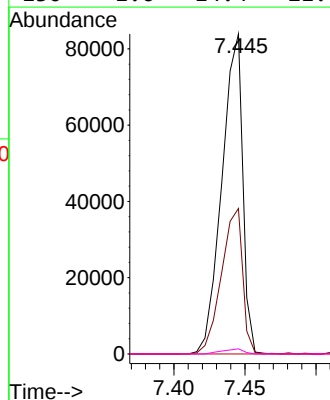
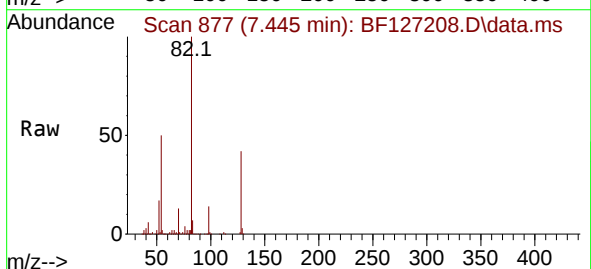
Instrument :  
BNA\_F  
ClientSampleId :  
SB-4

Tgt Ion: 99 Resp: 194168  
Ion Ratio Lower Upper  
99 100  
42 16.8 14.2 21.4  
71 38.4 24.3 36.5#



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.031 ng  
RT: 7.445 min Scan# 877  
Delta R.T. 0.153 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

Tgt Ion: 70 Resp: 85512  
Ion Ratio Lower Upper  
70 100  
42 45.4 45.8 68.8#  
101 0.0 6.9 10.3#  
130 1.6 14.4 21.6#

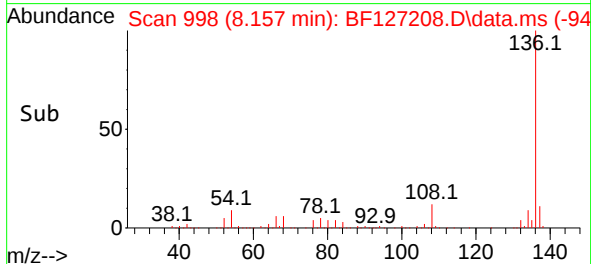
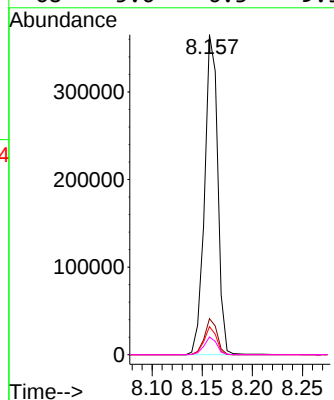
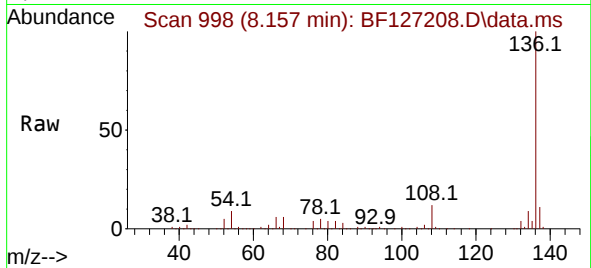




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.157 min Scan# 91  
Delta R.T. -0.006 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

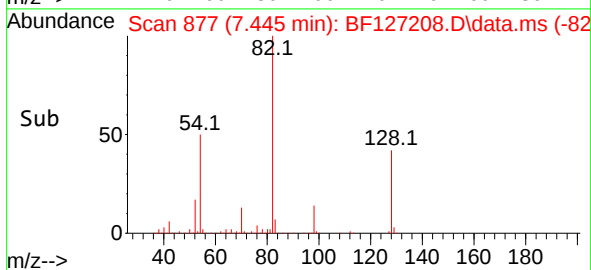
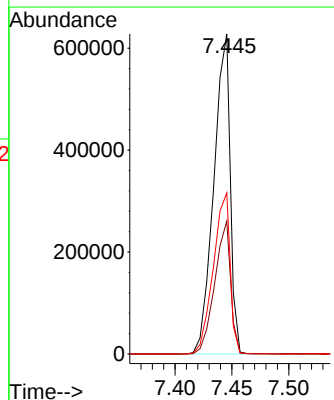
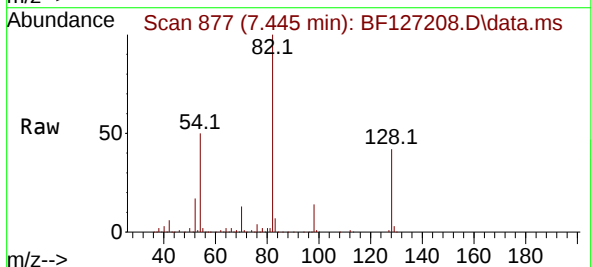
Instrument :  
BNA\_F  
ClientSampleId :  
SB-4

Tgt Ion:136 Resp: 335329  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 8.7 7.8 11.6  
68 5.6 6.3 9.5#



#23  
Nitrobenzene-d5  
Concen: 85.014 ng  
RT: 7.445 min Scan# 877  
Delta R.T. -0.006 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

Tgt Ion: 82 Resp: 631573  
Ion Ratio Lower Upper  
82 100  
128 41.6 32.7 49.1  
54 50.3 41.7 62.5

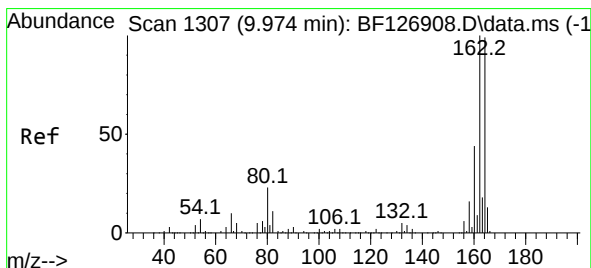
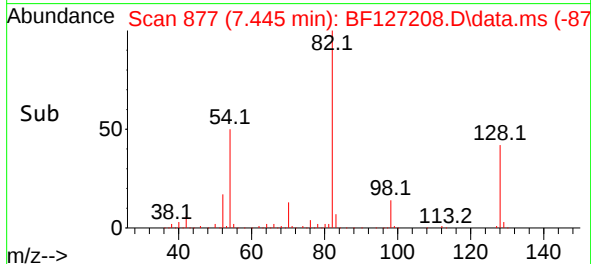
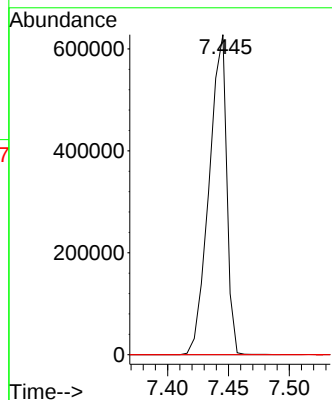
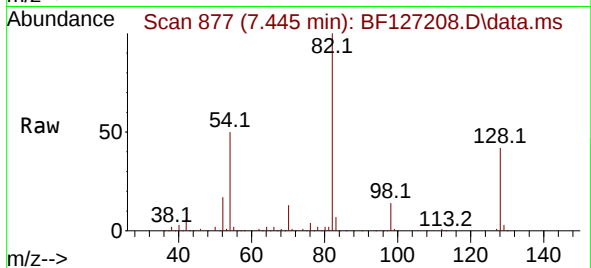




#25  
Isophorone  
Concen: 51.375 ng  
RT: 7.445 min Scan# 81  
Delta R.T. -0.259 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

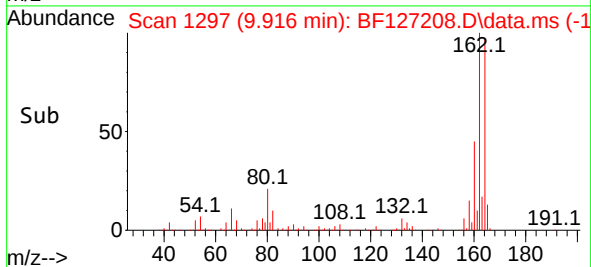
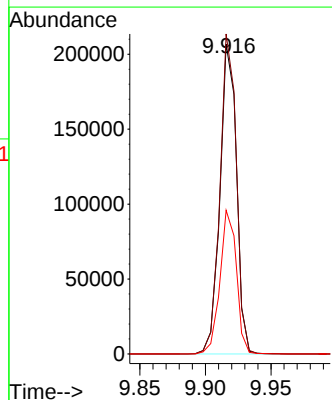
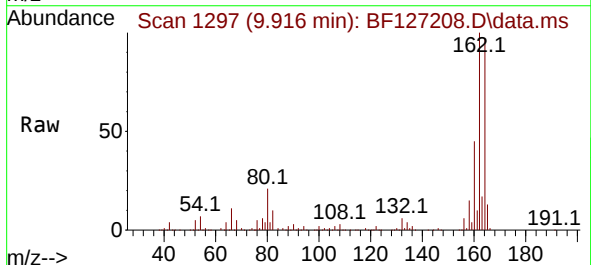
Instrument :  
BNA\_F  
ClientSampleId :  
SB-4

Tgt Ion: 82 Resp: 631565  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.0 7.4#  
138 0.0 12.3 18.5#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.006 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

Tgt Ion:164 Resp: 180763  
Ion Ratio Lower Upper  
164 100  
162 103.3 81.4 122.0  
160 46.4 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 152.018 ng

RT: 10.716 min Scan# 1442

Delta R.T. -0.000 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

Instrument :

BNA\_F

ClientSampleId :

SB-4

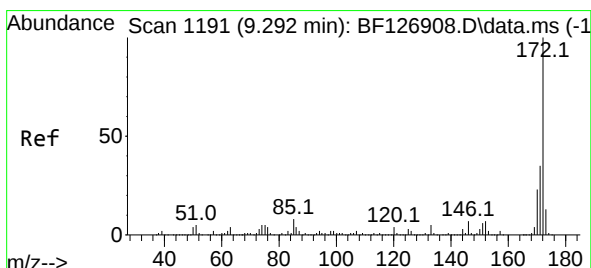
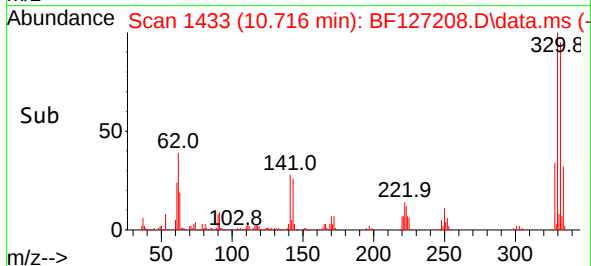
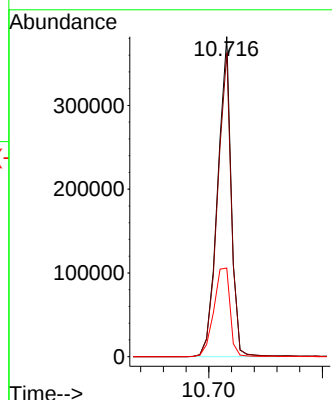
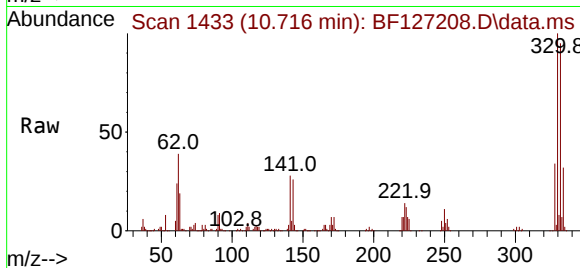
Tgt Ion:330 Resp: 316386

Ion Ratio Lower Upper

330 100

332 96.6 76.0 114.0

141 33.3 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.229 ng

RT: 9.239 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

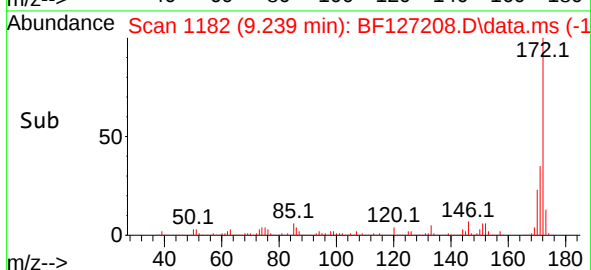
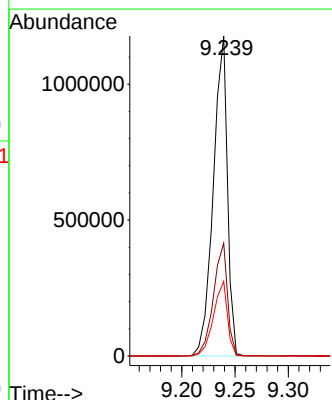
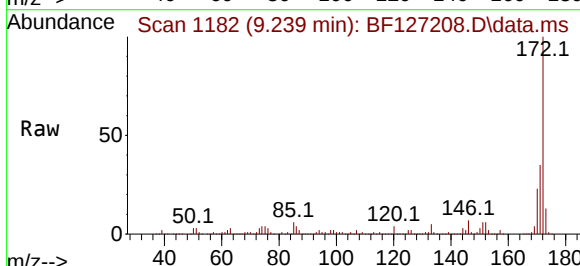
Tgt Ion:172 Resp: 1083346

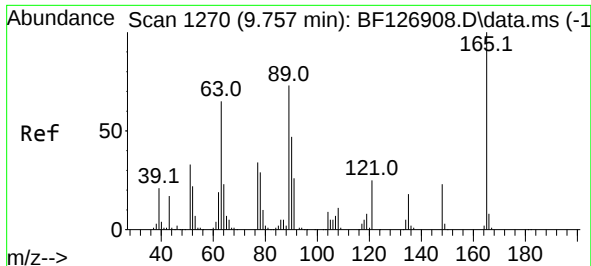
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.3 19.0 28.6

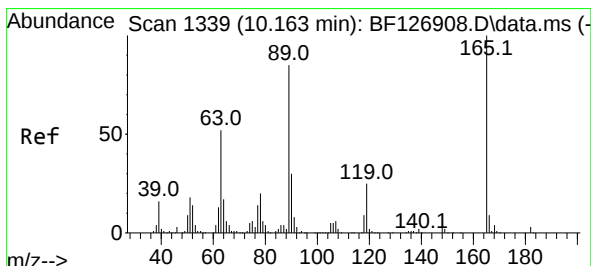
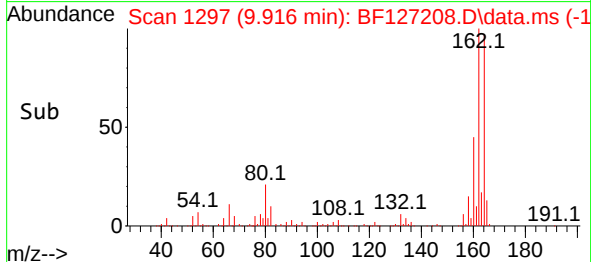
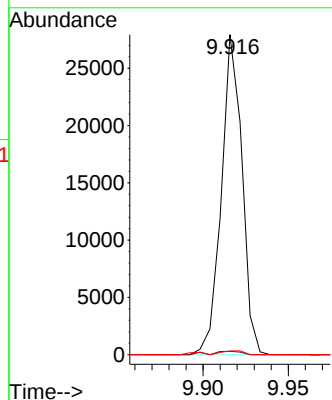
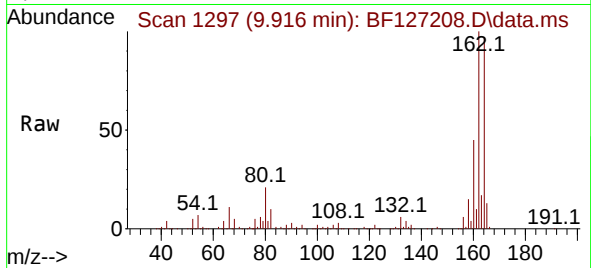




#51  
2,6-Dinitrotoluene  
Concen: 8.925 ng  
RT: 9.916 min Scan# 1270  
Delta R.T. 0.206 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

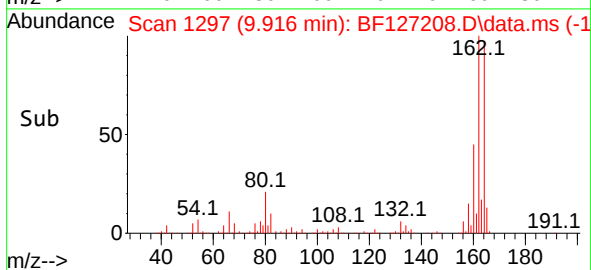
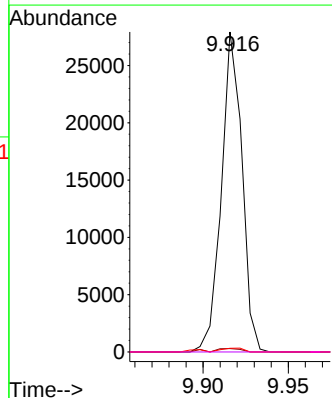
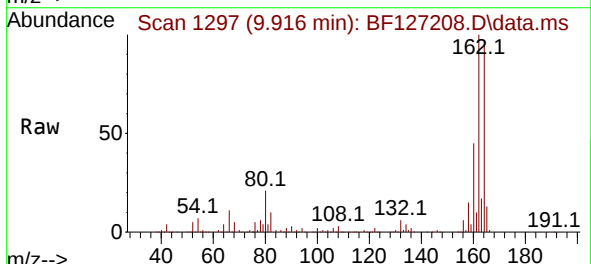
Instrument :  
BNA\_F  
ClientSampleId :  
SB-4

Tgt Ion:165 Resp: 23463  
Ion Ratio Lower Upper  
165 100  
63 1.1 48.4 72.6#  
89 1.2 50.5 75.7#



#57  
2,4-Dinitrotoluene  
Concen: 6.601 ng  
RT: 9.916 min Scan# 1297  
Delta R.T. -0.200 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

Tgt Ion:165 Resp: 23463  
Ion Ratio Lower Upper  
165 100  
63 1.1 43.0 64.6#  
89 1.2 71.0 106.4#  
182 0.0 1.6 2.4#

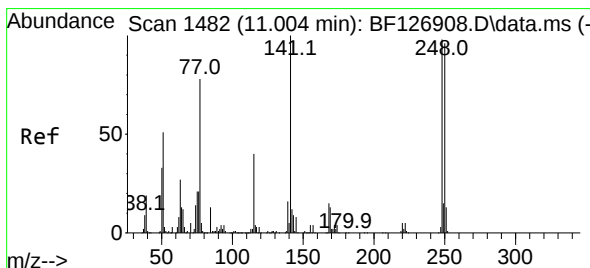
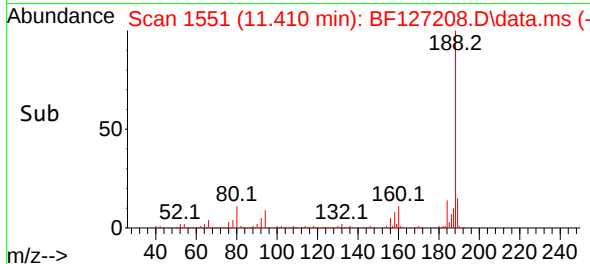
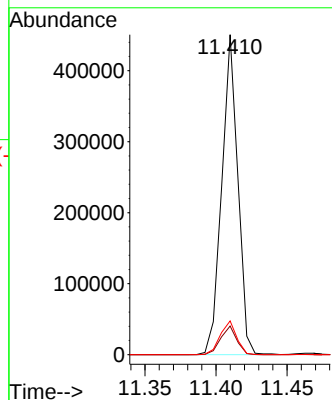
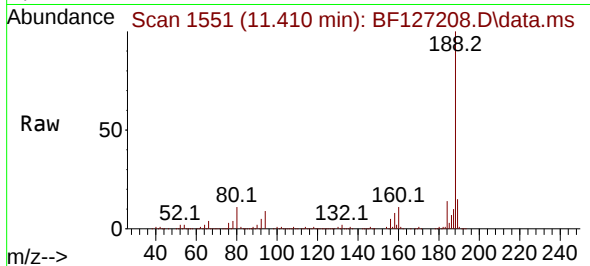




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.410 min Scan# 1  
Delta R.T. -0.006 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

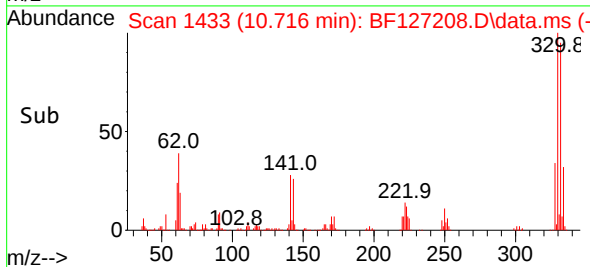
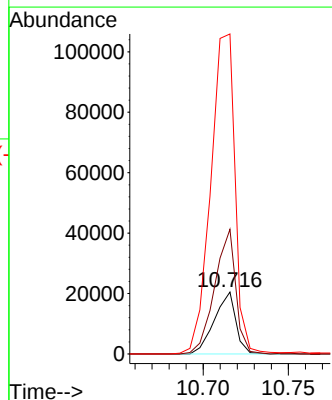
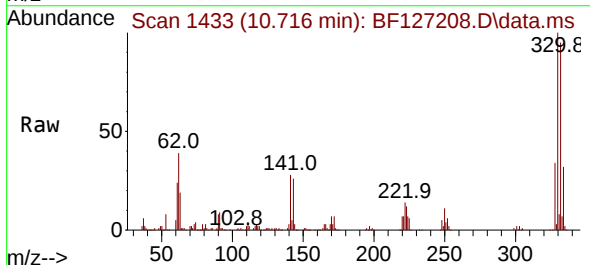
Instrument :  
BNA\_F  
ClientSampleId :  
SB-4

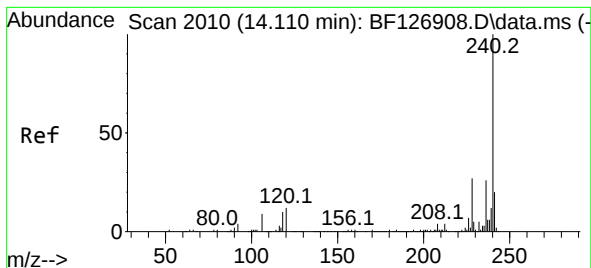
Tgt Ion:188 Resp: 354297  
Ion Ratio Lower Upper  
188 100  
94 8.9 10.1 15.1#  
80 10.6 11.8 17.6#



#67  
4-Bromophenyl-phenylether  
Concen: 4.550 ng  
RT: 10.716 min Scan# 1433  
Delta R.T. -0.241 min  
Lab File: BF127208.D  
Acq: 04 Mar 2022 18:42

Tgt Ion:248 Resp: 18011  
Ion Ratio Lower Upper  
248 100  
250 200.9 76.2 114.4#  
141 516.1 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

Instrument :

BNA\_F

ClientSampleId :

SB-4

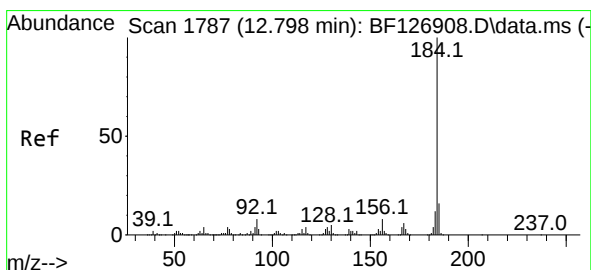
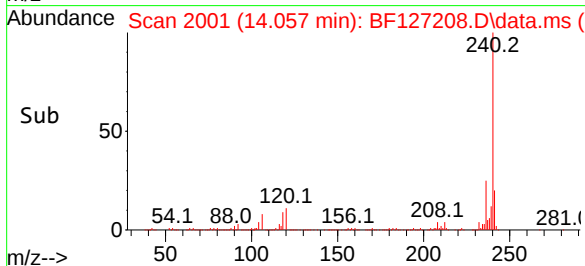
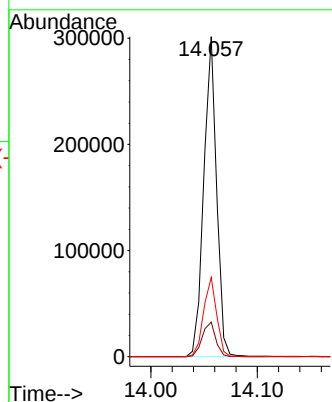
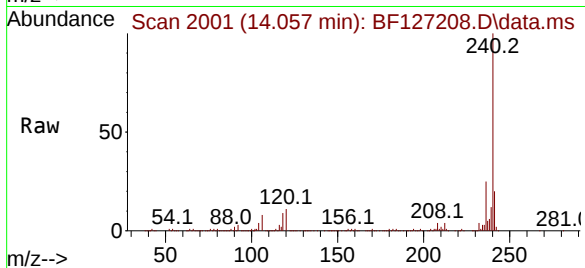
Tgt Ion:240 Resp: 253060

Ion Ratio Lower Upper

240 100

120 10.8 14.4 21.6#

236 24.7 20.5 30.7



#77

Benzidine

Concen: 2.525 ng

RT: 12.998 min Scan# 1821

Delta R.T. 0.247 min

Lab File: BF127208.D

Acq: 04 Mar 2022 18:42

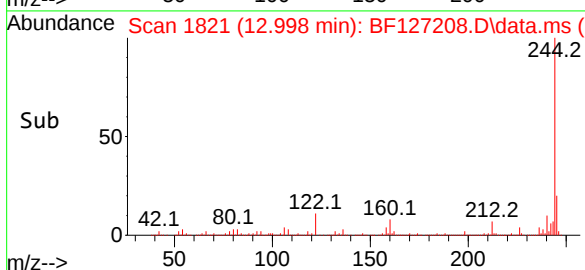
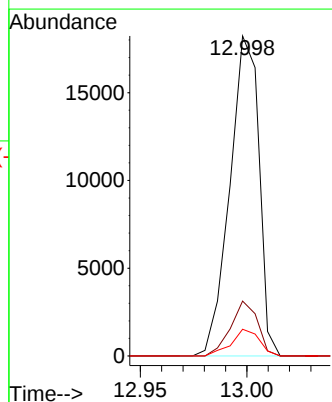
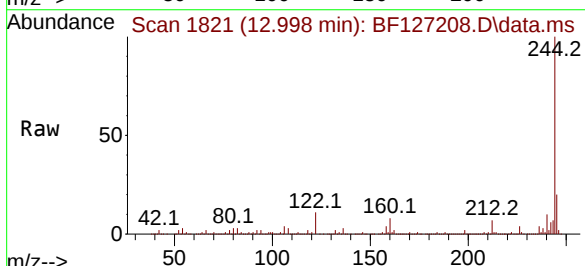
Tgt Ion:184 Resp: 17367

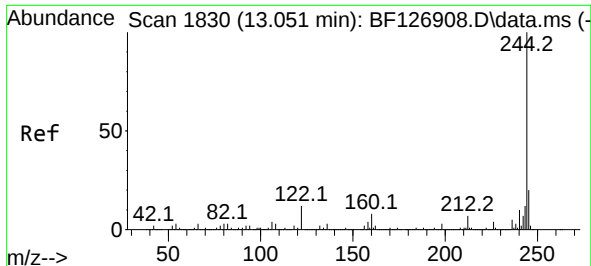
Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.8

183 8.3 8.2 12.2

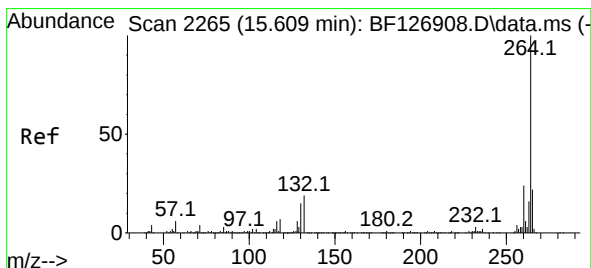
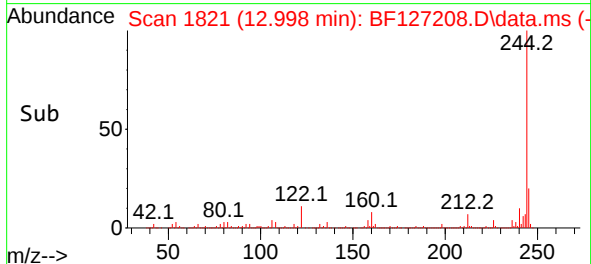
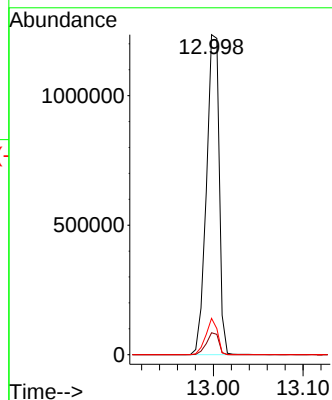
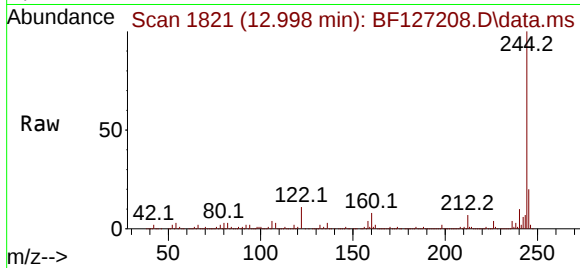




#79  
 Terphenyl-d14  
 Concen: 70.782 ng  
 RT: 12.998 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: BF127208.D  
 Acq: 04 Mar 2022 18:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-4

Tgt Ion:244 Resp: 1218478  
 Ion Ratio Lower Upper  
 244 100  
 212 6.8 5.0 7.4  
 122 11.3 13.3 19.9#



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.545 min Scan# 2254  
 Delta R.T. -0.000 min  
 Lab File: BF127208.D  
 Acq: 04 Mar 2022 18:42

Tgt Ion:264 Resp: 182050  
 Ion Ratio Lower Upper  
 264 100  
 260 22.1 19.2 28.8  
 265 20.1 17.4 26.2

