

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF082622\  
 Data File : BF130028.D  
 Acq On : 26 Aug 2022 20:19  
 Operator : CG\JU  
 Sample : N4379-08  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04-12-13

Quant Time: Aug 27 06:12:47 2022  
 Quant Method : Z:\svoasrv\HPCHEM1\BNA\_F\Methods\8270-BF081422.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 25 14:45:09 2022  
 Response via : Initial Calibration

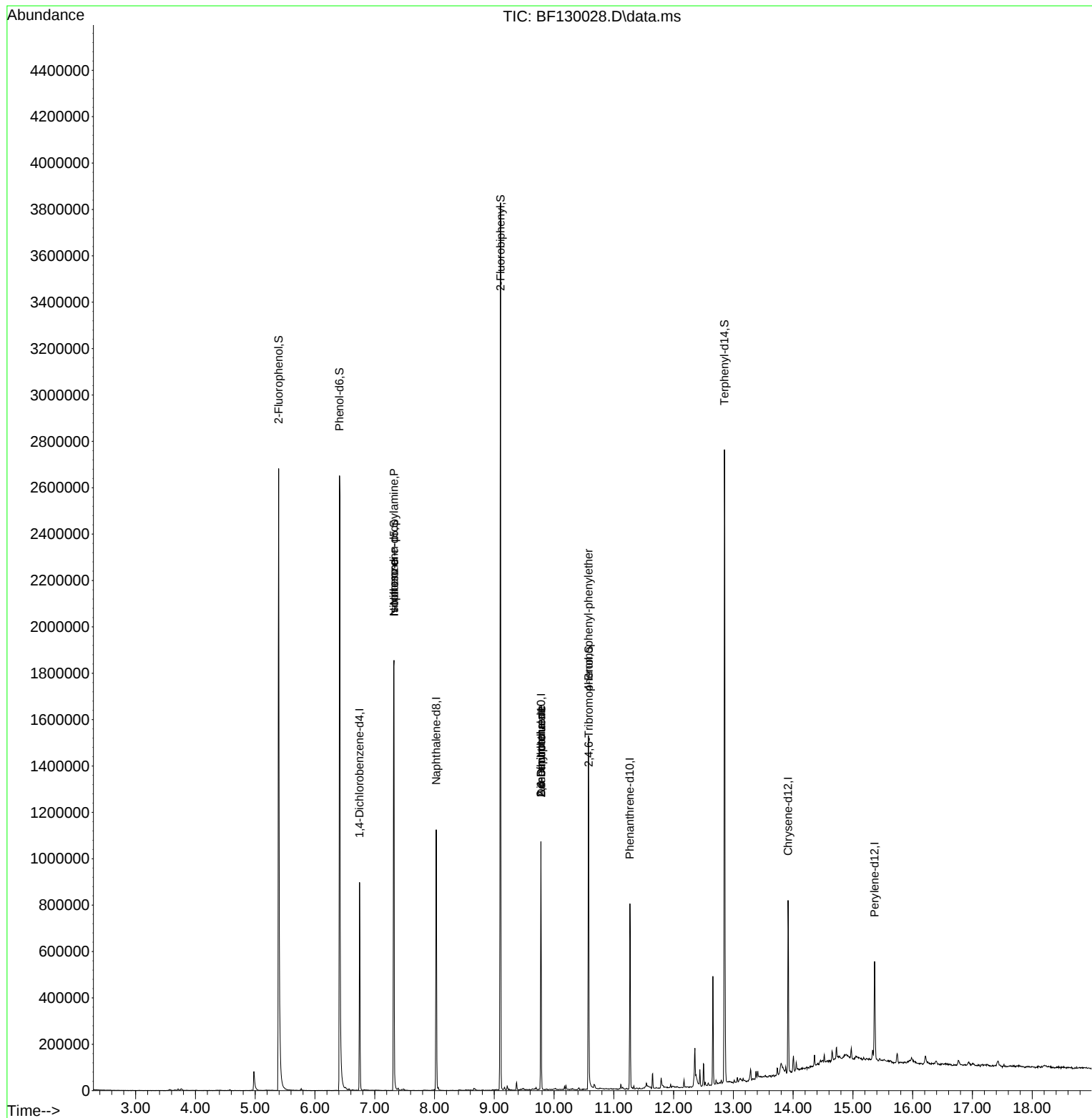
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.745  | 152  | 121091   | 20.000    | ng    | -0.01    |
| 21) Naphthalene-d8            | 8.028  | 136  | 440719   | 20.000    | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.781  | 164  | 186894   | 20.000    | ng    | -0.01    |
| 64) Phenanthrene-d10          | 11.269 | 188  | 267375   | 20.000    | ng    | -0.01    |
| 76) Chrysene-d12              | 13.916 | 240  | 243423   | 20.000    | ng    | -0.01    |
| 86) Perylene-d12              | 15.363 | 264  | 180526   | 20.000    | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.393  | 112  | 795619   | 108.786   | ng    | 0.00     |
| 7) Phenol-d6                  | 6.410  | 99   | 969000   | 105.802   | ng    | -0.01    |
| 23) Nitrobenzene-d5           | 7.322  | 82   | 617590   | 75.015    | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.581 | 330  | 167625   | 89.364    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.104  | 172  | 1018020  | 82.730    | ng    | -0.01    |
| 79) Terphenyl-d14             | 12.851 | 244  | 897820   | 61.371    | ng    | -0.01    |
| Target Compounds              |        |      |          |           |       |          |
|                               |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.216  | 77   | 54       | Below Cal | #     | 1        |
| 19) n-Nitroso-di-n-propyla... | 7.322  | 70   | 82275    | 14.212    | ng    | # 75     |
| 25) Isophorone                | 7.322  | 82   | 617586   | 43.584    | ng    | # 65     |
| 50) Dimethylphthalate         | 9.781  | 163  | 33245    | 2.481     | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.781  | 165  | 24390    | 8.392     | ng    | # 23     |
| 57) 2,4-Dinitrotoluene        | 9.781  | 165  | 24390    | 6.465     | ng    | # 18     |
| 67) 4-Bromophenyl-phenylether | 10.575 | 248  | 10913    | 3.485     | ng    | # 1      |
| 77) Benzidine                 | 12.851 | 184  | 13353    | Below Cal | #     | 83       |
| -----                         |        |      |          |           |       |          |

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

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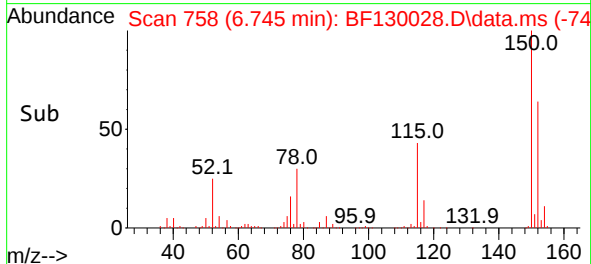
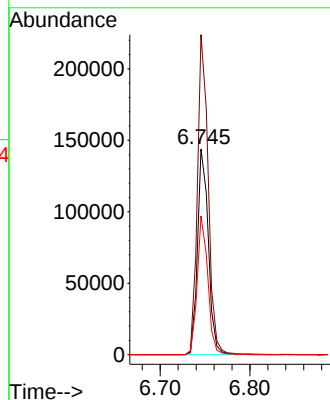
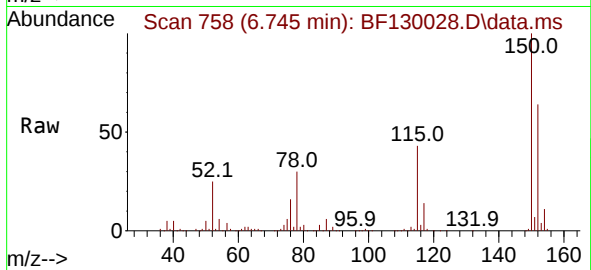




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.745 min Scan# 71  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

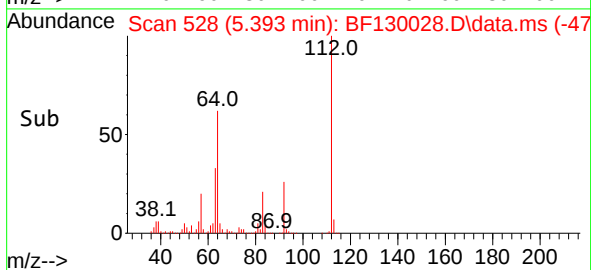
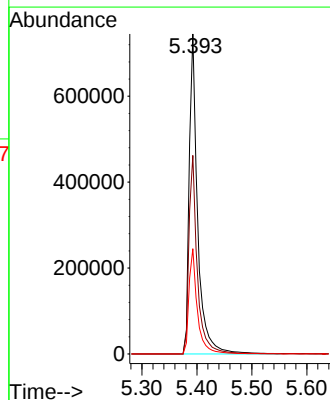
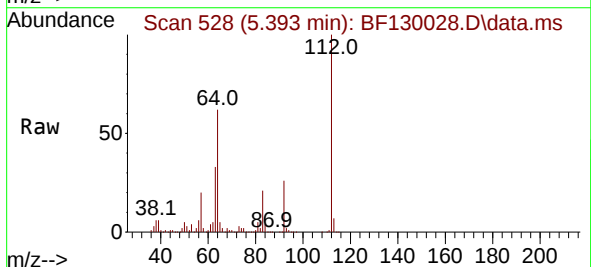
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

Tgt Ion:152 Resp: 121091  
Ion Ratio Lower Upper  
152 100  
150 155.6 126.9 190.3  
115 67.5 53.4 80.0



#5  
2-Fluorophenol  
Concen: 108.786 ng  
RT: 5.393 min Scan# 528  
Delta R.T. 0.000 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion:112 Resp: 795619  
Ion Ratio Lower Upper  
112 100  
64 62.1 47.6 71.4  
63 32.9 24.6 37.0

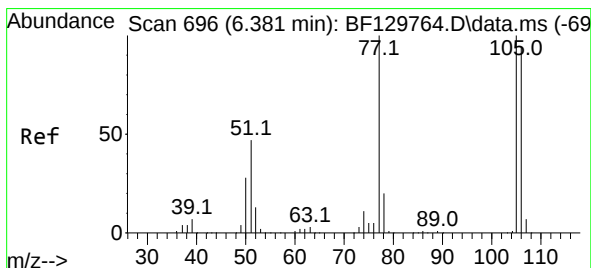
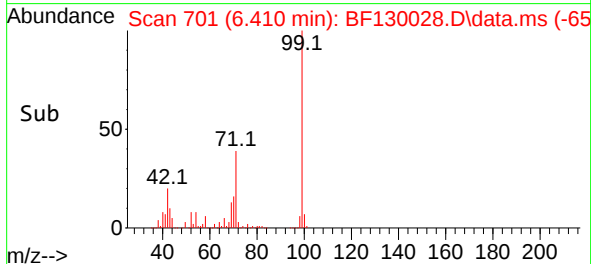
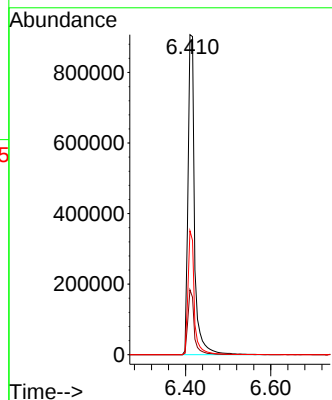
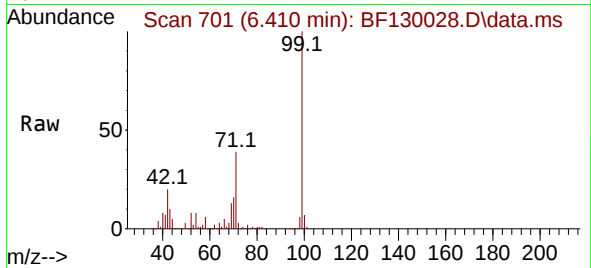




#7  
Phenol-d6  
Concen: 105.802 ng  
RT: 6.410 min Scan# 70  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

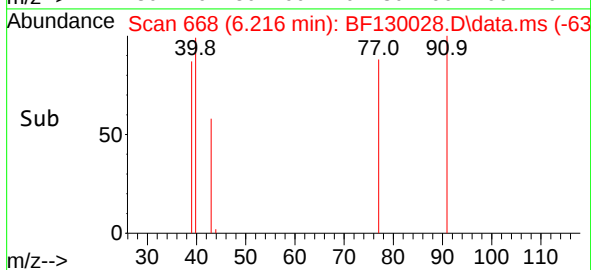
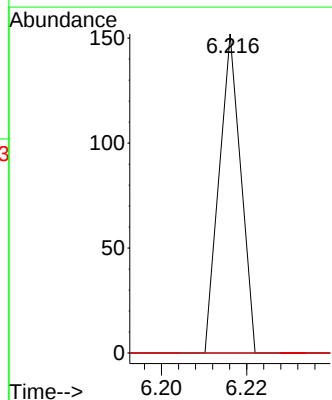
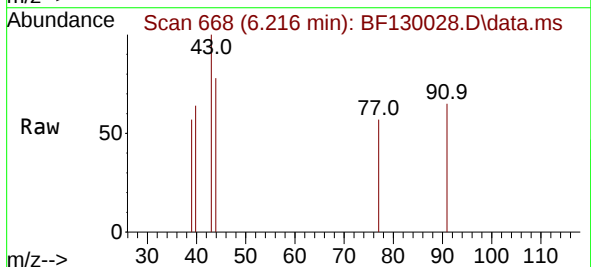
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

Tgt Ion: 99 Resp: 969000  
Ion Ratio Lower Upper  
99 100  
42 20.3 15.0 22.4  
71 38.7 28.8 43.2



#9  
Benzaldehyde  
Concen: Below Cal  
RT: 6.216 min Scan# 668  
Delta R.T. -0.100 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion: 77 Resp: 54  
Ion Ratio Lower Upper  
77 100  
105 0.0 80.3 120.3#  
106 0.0 74.3 114.3#

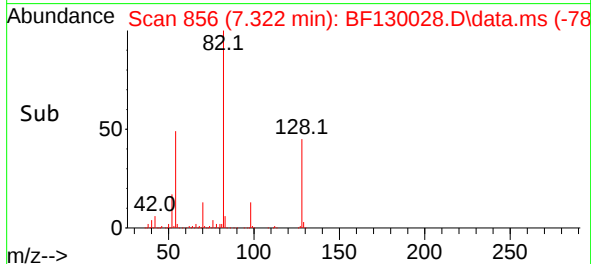
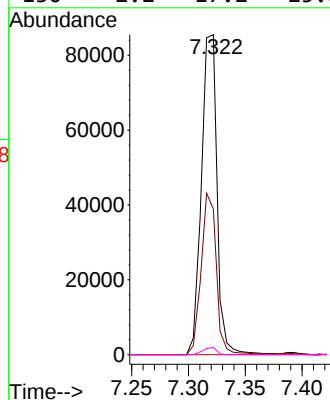
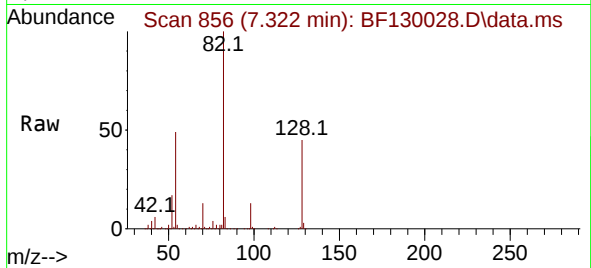




#19  
n-Nitroso-di-n-propylamine  
Concen: 14.212 ng  
RT: 7.322 min Scan# 81  
Delta R.T. 0.141 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

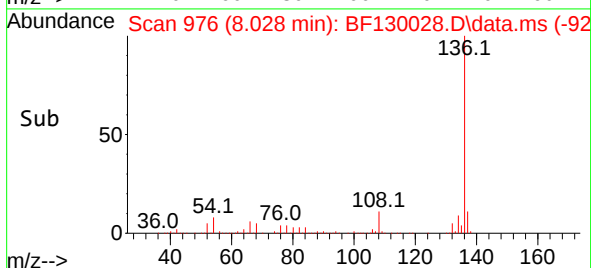
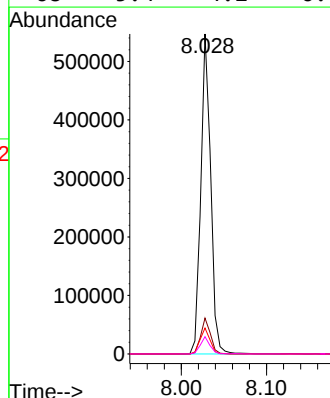
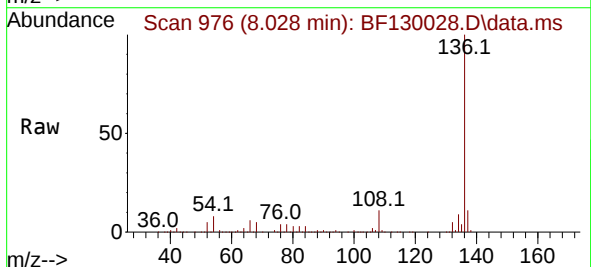
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

Tgt Ion: 70 Resp: 82275  
Ion Ratio Lower Upper  
70 100  
42 45.5 47.6 71.4#  
101 0.0 8.1 12.1#  
130 2.2 17.2 25.8#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.028 min Scan# 976  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion: 136 Resp: 440719  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.4 12.6  
54 8.1 6.2 9.2  
68 5.4 4.2 6.4

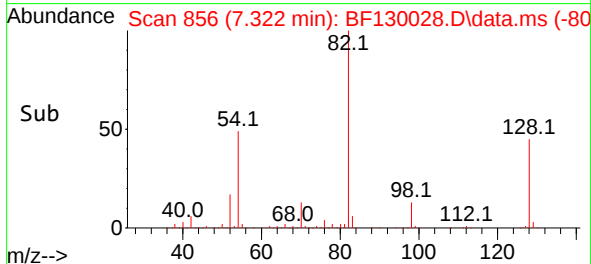
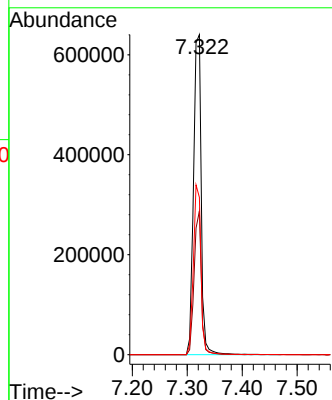
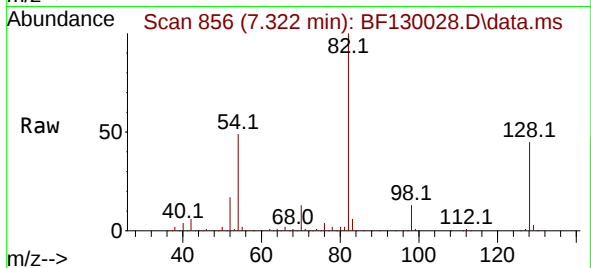




#23  
Nitrobenzene-d5  
Concen: 75.015 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

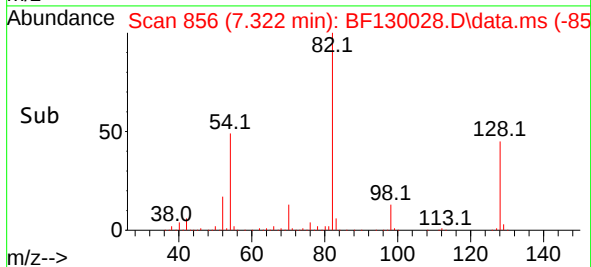
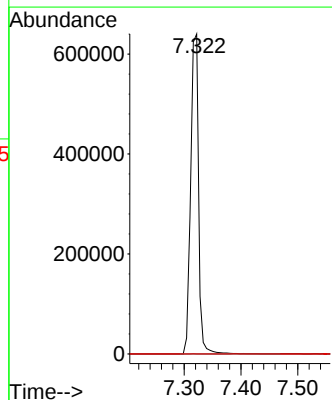
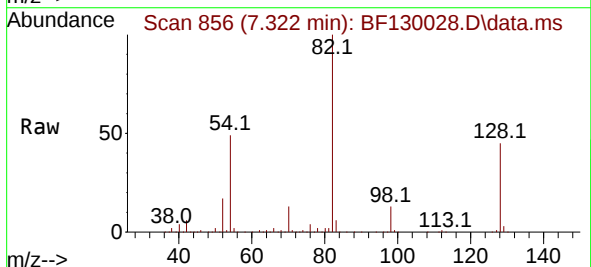
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ClientSampleId :  
SB-04-12-13

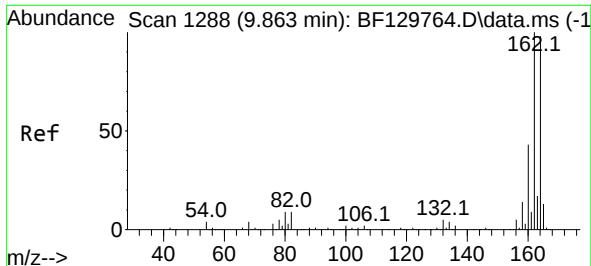
Tgt Ion: 82 Resp: 617590  
Ion Ratio Lower Upper  
82 100  
128 44.9 36.1 54.1  
54 49.2 40.0 60.0



#25  
Isophorone  
Concen: 43.584 ng  
RT: 7.322 min Scan# 856  
Delta R.T. -0.265 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

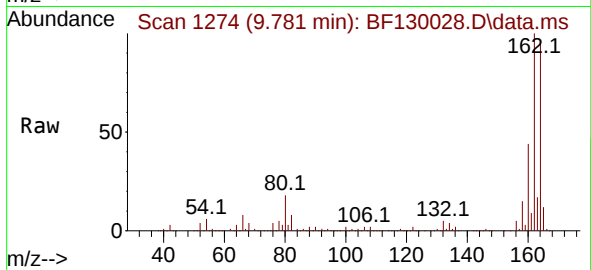
Tgt Ion: 82 Resp: 617586  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.9 8.9#  
138 0.0 14.6 21.8#



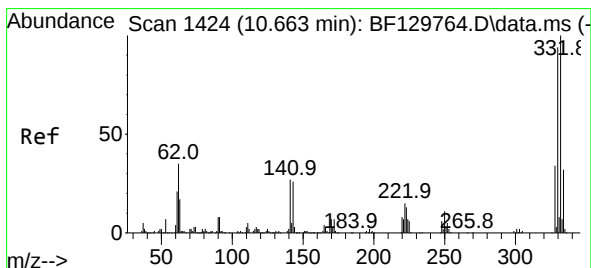
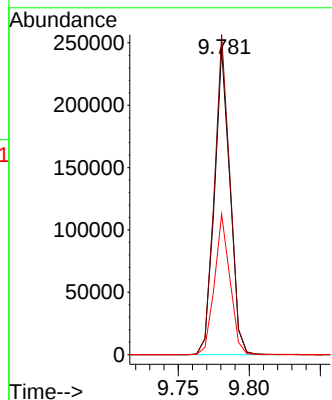
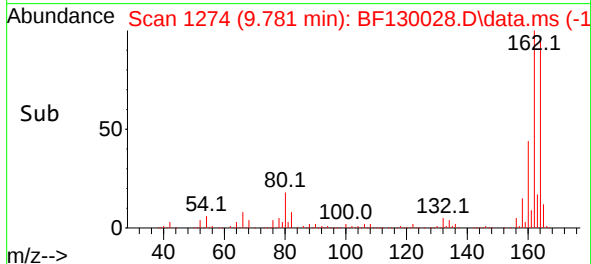


#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.781 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

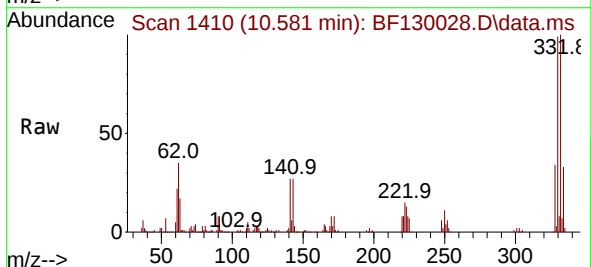
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ClientSampleId :  
SB-04-12-13



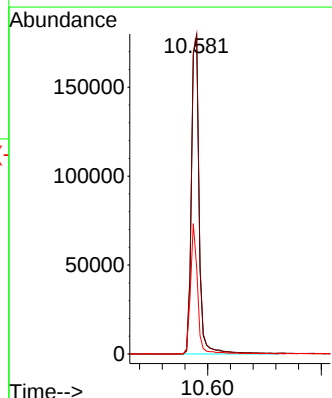
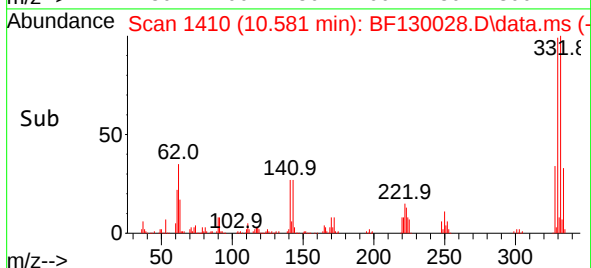
Tgt Ion:164 Resp: 186894  
Ion Ratio Lower Upper  
164 100  
162 104.6 82.0 123.0  
160 45.9 35.4 53.0

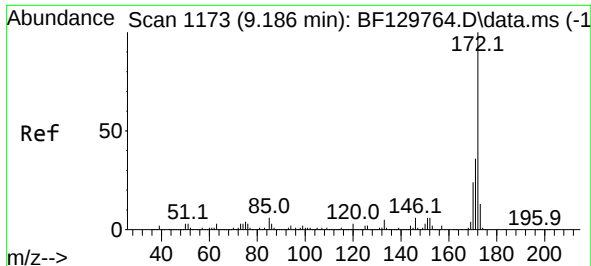


#42  
2,4,6-Tribromophenol  
Concen: 89.364 ng  
RT: 10.581 min Scan# 1410  
Delta R.T. -0.006 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19



Tgt Ion:330 Resp: 167625  
Ion Ratio Lower Upper  
330 100  
332 101.2 82.6 124.0  
141 37.6 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 82.730 ng

RT: 9.104 min Scan# 1173

Delta R.T. -0.012 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

Instrument :

BNA\_F

ClientSampleId :

SB-04-12-13

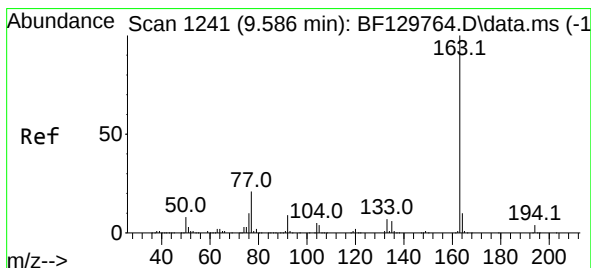
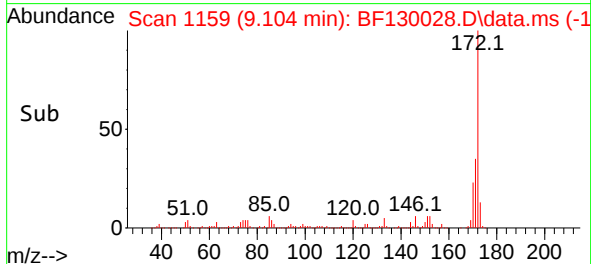
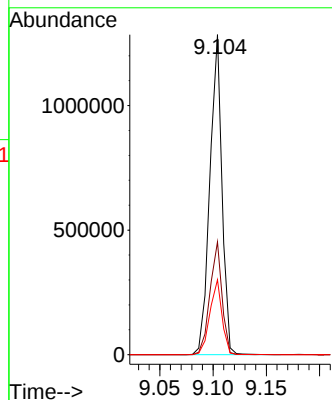
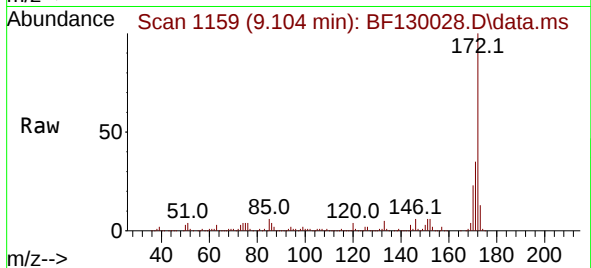
Tgt Ion:172 Resp: 1018020

Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.4 19.1 28.7



#50

Dimethylphthalate

Concen: 2.481 ng

RT: 9.781 min Scan# 1274

Delta R.T. 0.259 min

Lab File: BF130028.D

Acq: 26 Aug 2022 20:19

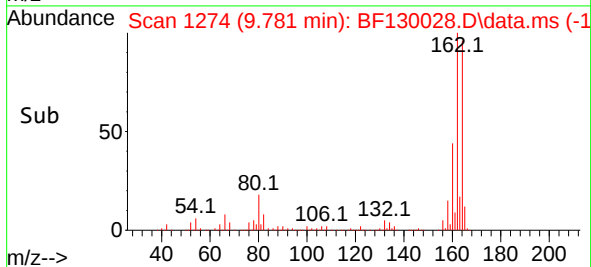
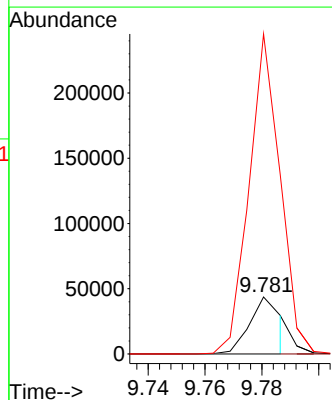
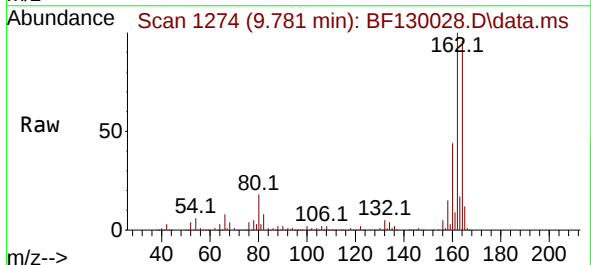
Tgt Ion:163 Resp: 33245

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 561.4 8.2 12.2#

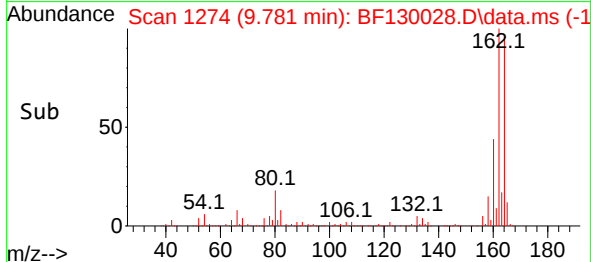
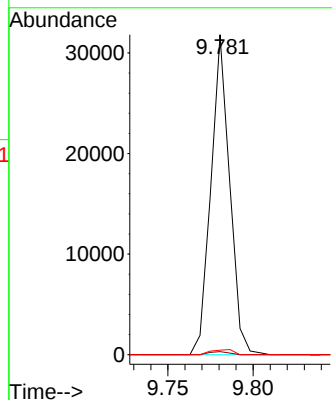
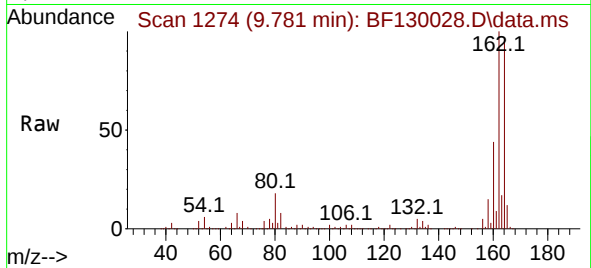




#51  
2,6-Dinitrotoluene  
Concen: 8.392 ng  
RT: 9.781 min Scan# 11  
Delta R.T. 0.188 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

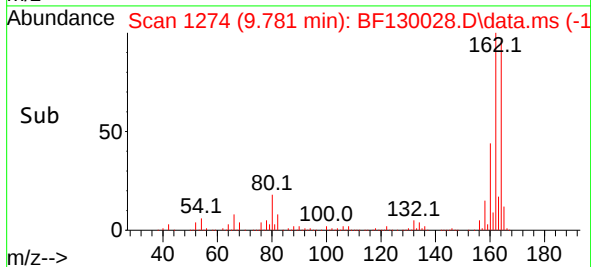
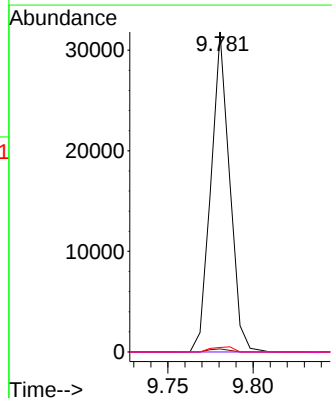
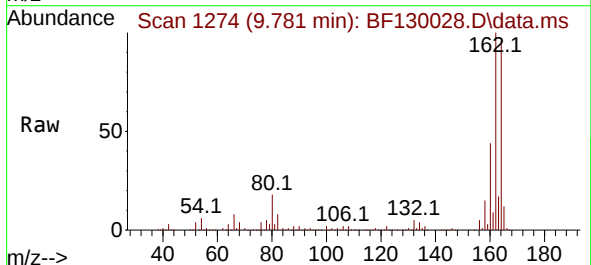
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

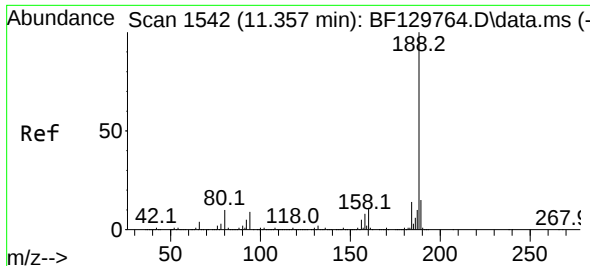
Tgt Ion:165 Resp: 24390  
Ion Ratio Lower Upper  
165 100  
63 1.0 47.8 71.8#  
89 1.4 47.2 70.8#



#57  
2,4-Dinitrotoluene  
Concen: 6.465 ng  
RT: 9.781 min Scan# 1274  
Delta R.T. -0.223 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion:165 Resp: 24390  
Ion Ratio Lower Upper  
165 100  
63 1.0 48.4 72.6#  
89 1.4 62.3 93.5#  
182 0.0 2.1 3.1#

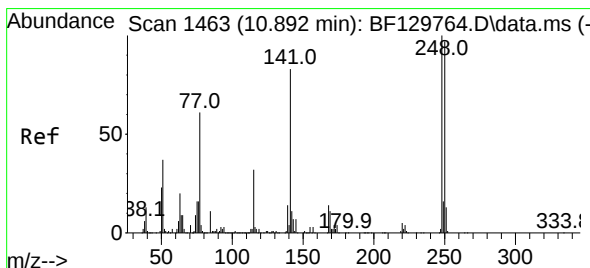
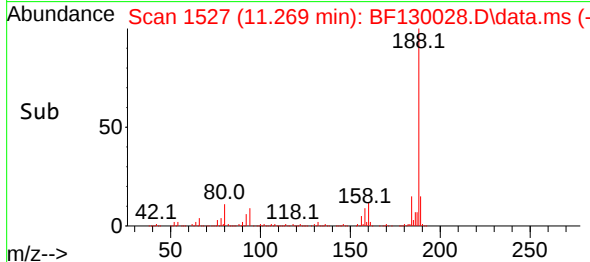
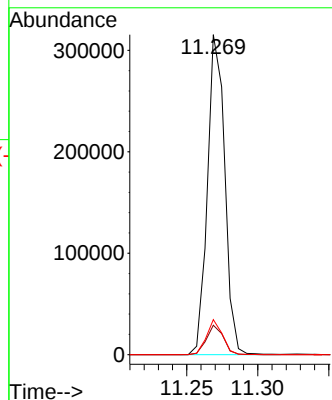
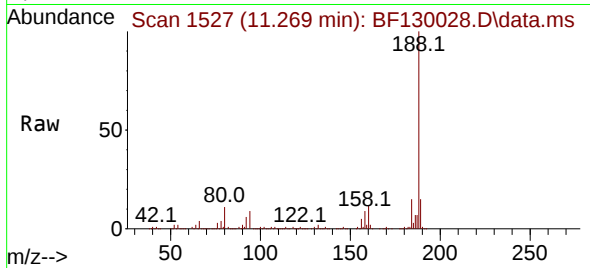




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.269 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

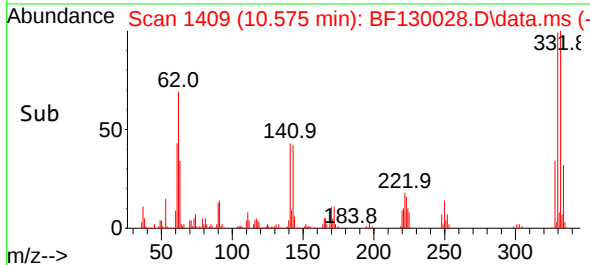
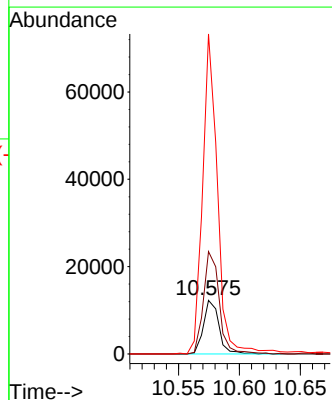
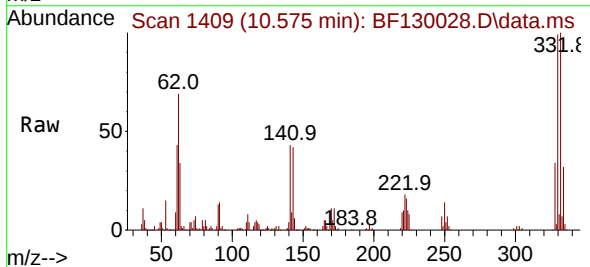
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

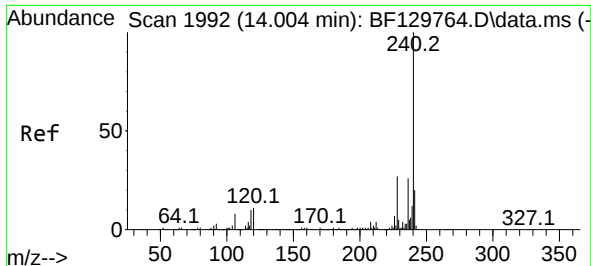
Tgt Ion:188 Resp: 267375  
Ion Ratio Lower Upper  
188 100  
94 9.2 7.4 11.2  
80 10.9 7.9 11.9



#67  
4-Bromophenyl-phenylether  
Concen: 3.485 ng  
RT: 10.575 min Scan# 1409  
Delta R.T. -0.247 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion:248 Resp: 10913  
Ion Ratio Lower Upper  
248 100  
250 191.0 77.8 116.6#  
141 596.8 66.2 99.2#

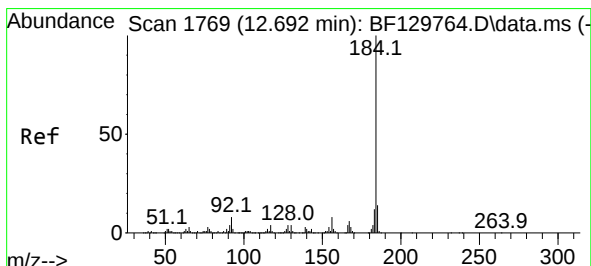
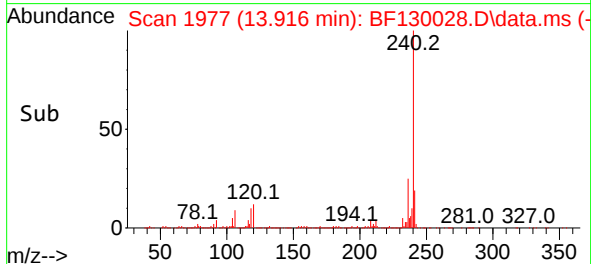
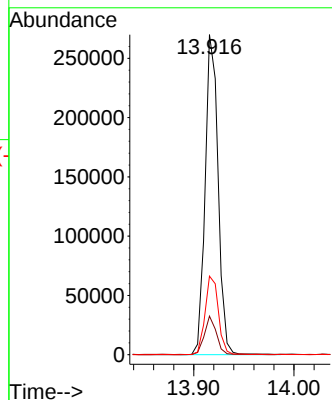
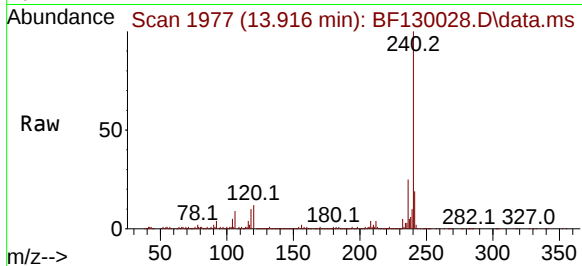




#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.916 min Scan# 1992  
Delta R.T. -0.012 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

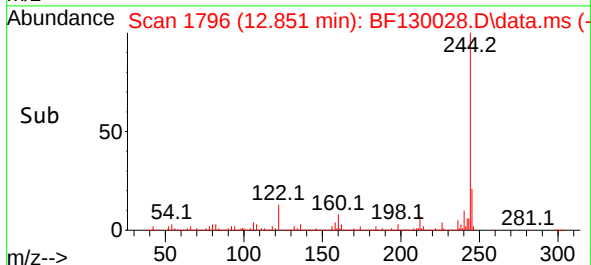
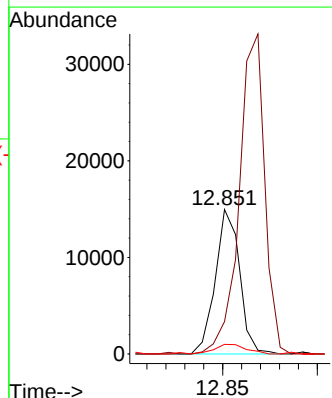
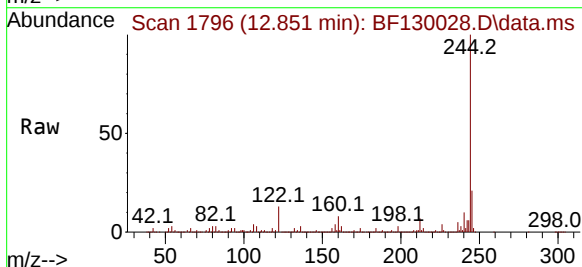
Instrument :  
BNA\_F  
ClientSampleId :  
SB-04-12-13

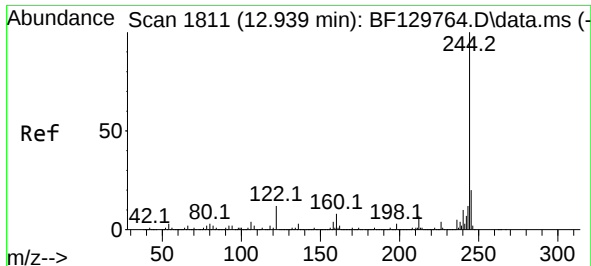
Tgt Ion:240 Resp: 243423  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.2 13.8  
236 24.6 20.7 31.1



#77  
Benzidine  
Concen: Below Cal  
RT: 12.851 min Scan# 1796  
Delta R.T. 0.229 min  
Lab File: BF130028.D  
Acq: 26 Aug 2022 20:19

Tgt Ion:184 Resp: 13353  
Ion Ratio Lower Upper  
184 100  
185 22.3 11.4 17.2#  
183 6.7 9.4 14.2#

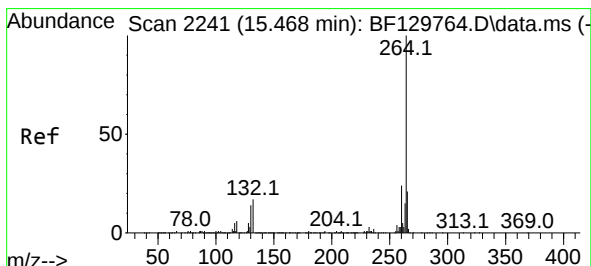
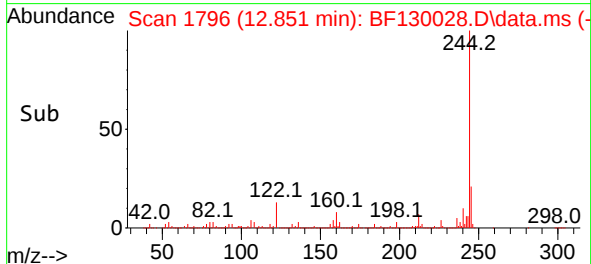
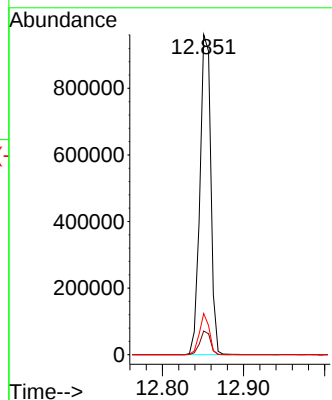
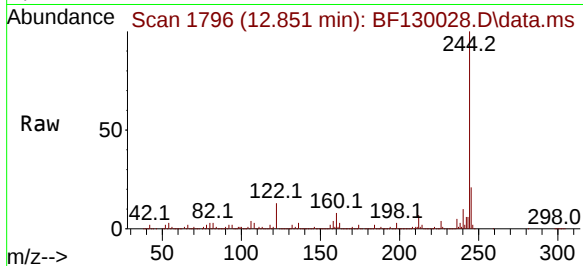




#79  
 Terphenyl-d14  
 Concen: 61.371 ng  
 RT: 12.851 min Scan# 11  
 Delta R.T. -0.012 min  
 Lab File: BF130028.D  
 Acq: 26 Aug 2022 20:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-04-12-13

Tgt Ion:244 Resp: 897820  
 Ion Ratio Lower Upper  
 244 100  
 212 7.4 5.9 8.9  
 122 12.8 9.9 14.9



#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.363 min Scan# 2223  
 Delta R.T. -0.006 min  
 Lab File: BF130028.D  
 Acq: 26 Aug 2022 20:19

Tgt Ion:264 Resp: 180526  
 Ion Ratio Lower Upper  
 264 100  
 260 24.5 19.1 28.7  
 265 21.5 16.7 25.1

