

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF101221\  
 Data File : BF125813.D  
 Acq On : 12 Oct 2021 21:11  
 Operator : JU/CG  
 Sample : M4117-01 5X  
 Misc :  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-1(1.5-2.0)

Quant Time: Oct 13 09:47:57 2021  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF100721.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Oct 07 17:16:23 2021  
 Response via : Initial Calibration

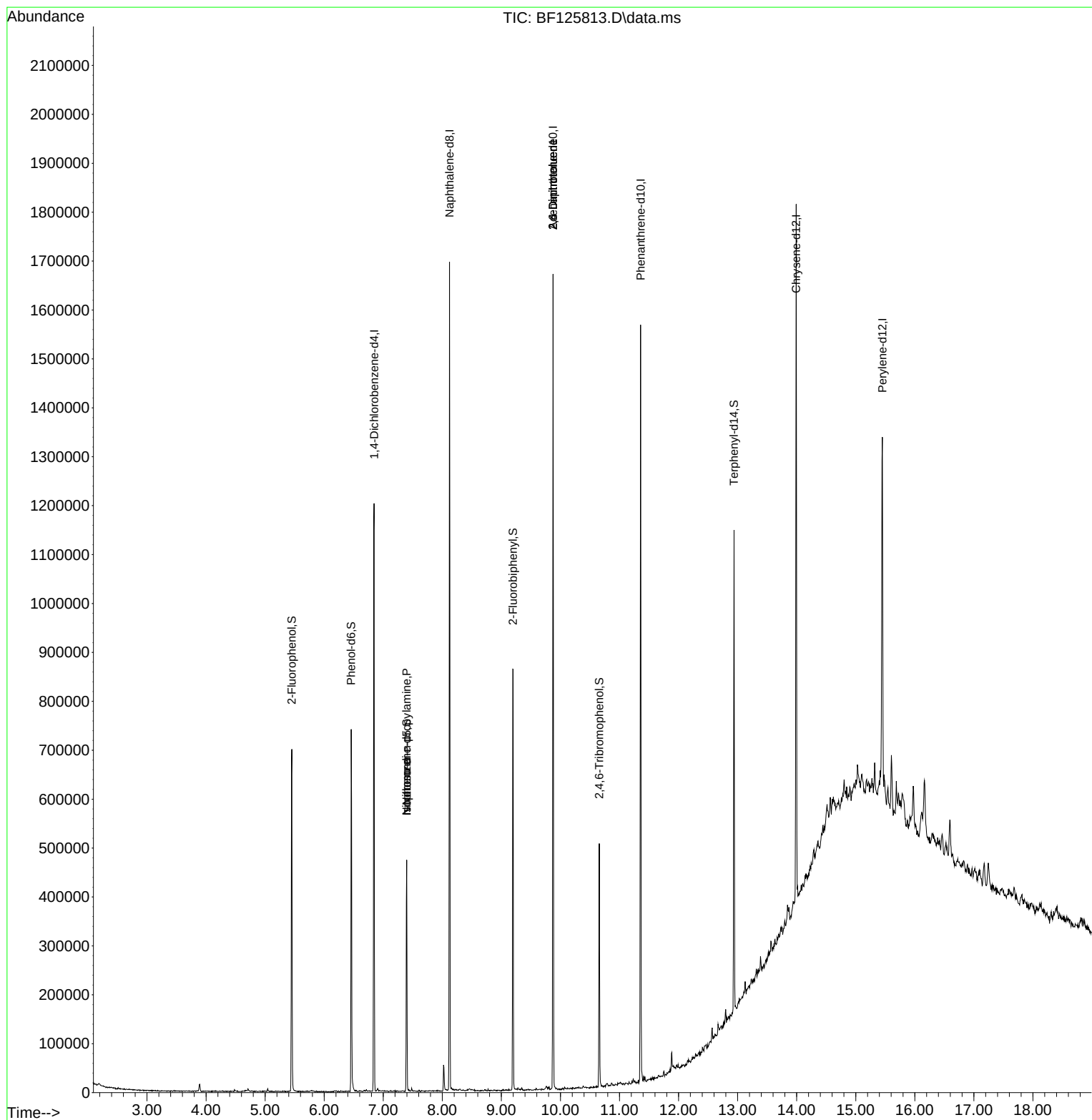
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.845  | 152  | 191216   | 20.000 | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 686473   | 20.000 | ng    | # 0.00   |
| 39) Acenaphthene-d10          | 9.875  | 164  | 306635   | 20.000 | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.357 | 188  | 518494   | 20.000 | ng    | # 0.00   |
| 76) Chrysene-d12              | 13.992 | 240  | 455377   | 20.000 | ng    | 0.00     |
| 86) Perylene-d12              | 15.451 | 264  | 346654   | 20.000 | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.451  | 112  | 216098   | 18.462 | ng    | 0.00     |
| 7) Phenol-d6                  | 6.457  | 99   | 249773   | 16.576 | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.398  | 82   | 137356   | 12.438 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.657 | 330  | 54716    | 18.073 | ng    | -0.01    |
| 45) 2-Fluorobiphenyl          | 9.198  | 172  | 274315   | 15.430 | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.939 | 244  | 302822   | 10.130 | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.398  | 70   | 16633    | 2.091  | ng    | # 52     |
| 25) Isophorone                | 7.398  | 82   | 137354   | 7.020  | ng    | # 59     |
| 51) 2,6-Dinitrotoluene        | 9.875  | 165  | 38981    | 9.554  | ng    | # 27     |
| 57) 2,4-Dinitrotoluene        | 9.875  | 165  | 38981    | 7.556  | ng    | # 19     |
| -----                         |        |      |          |        |       |          |

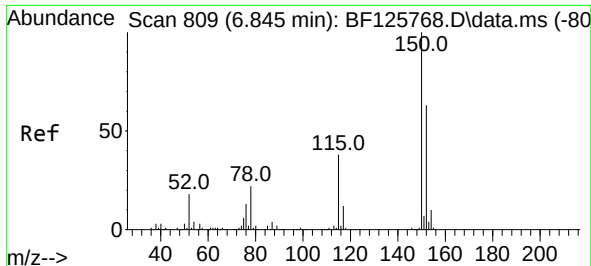
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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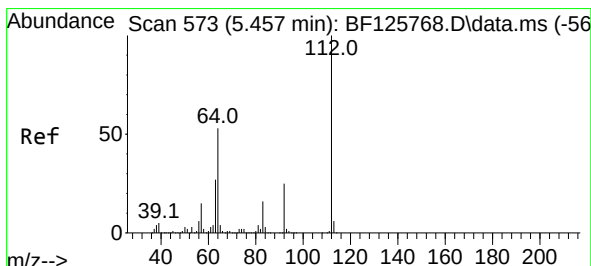
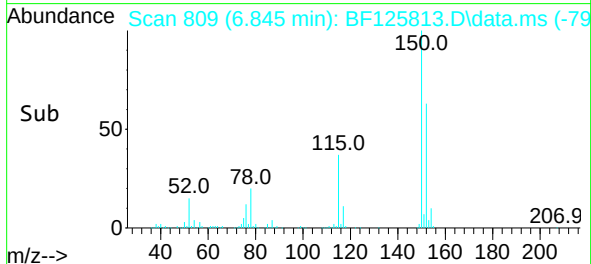
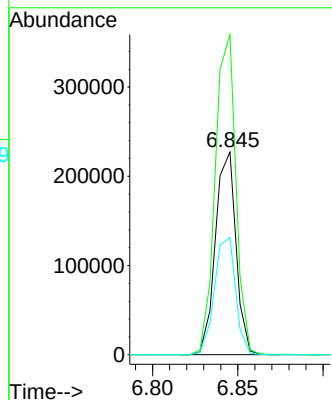
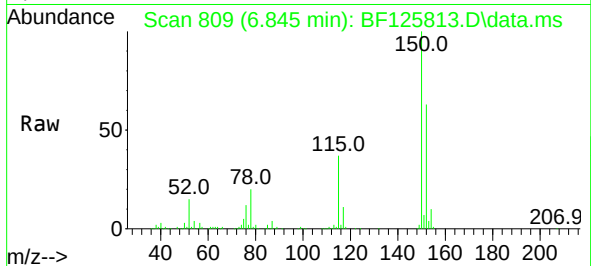




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.845 min Scan# 809  
Delta R.T. 0.000 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

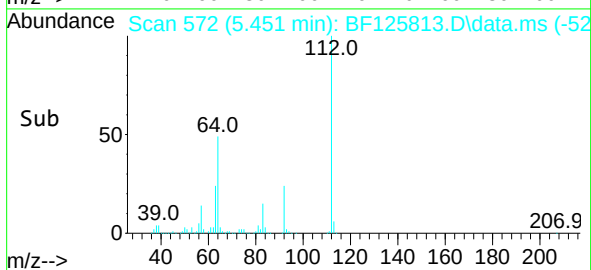
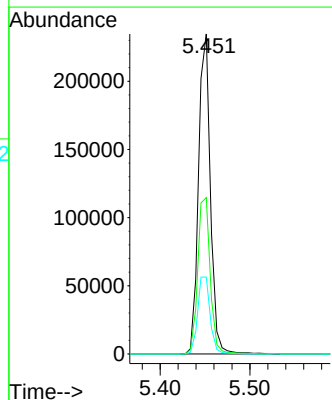
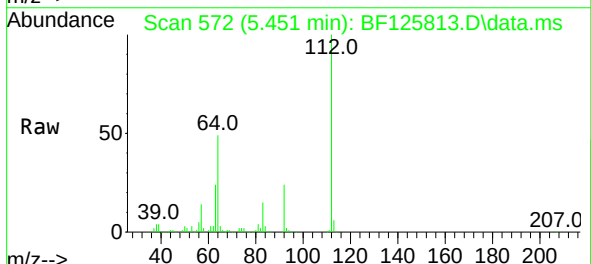
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

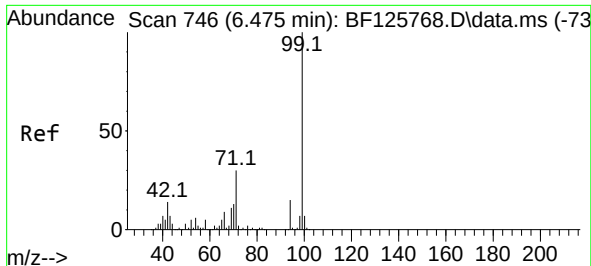
Tgt Ion:152 Resp: 191216  
Ion Ratio Lower Upper  
152 100  
150 157.8 117.6 176.4  
115 57.8 47.1 70.7



#5  
2-Fluorophenol  
Concen: 18.462 ng  
RT: 5.451 min Scan# 572  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion:112 Resp: 216098  
Ion Ratio Lower Upper  
112 100  
64 48.9 44.2 66.2  
63 24.0 26.2 39.2#

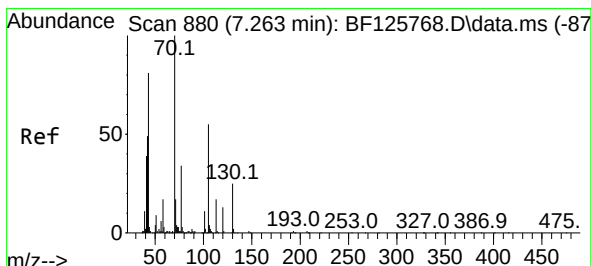
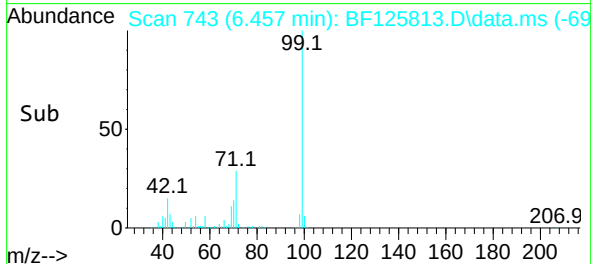
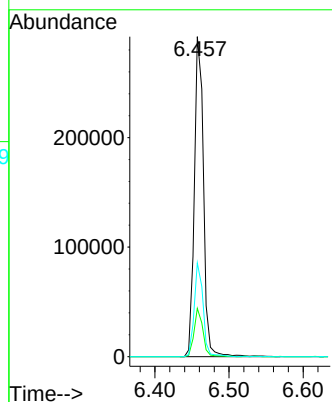
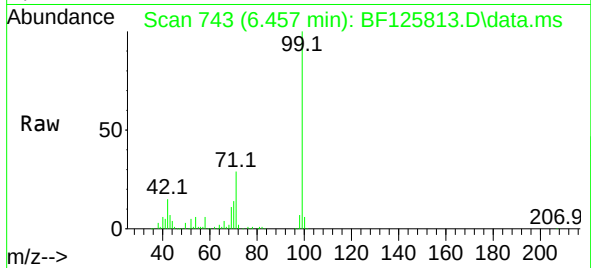




#7  
Phenol-d6  
Concen: 16.576 ng  
RT: 6.457 min Scan# 743  
Delta R.T. -0.017 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

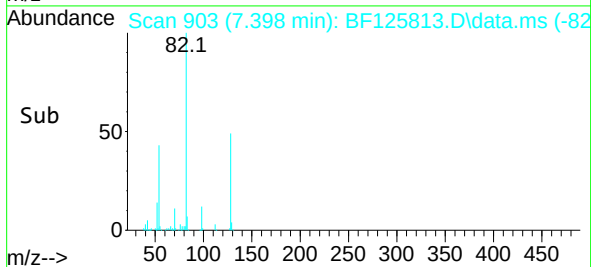
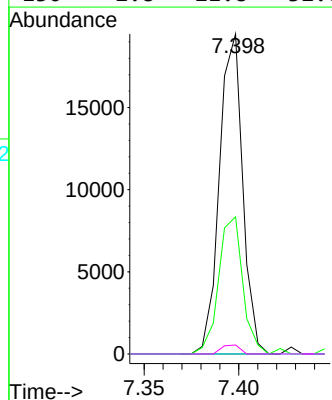
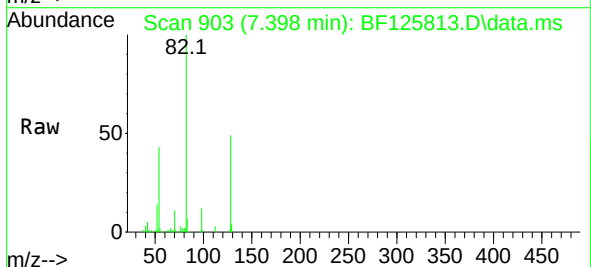
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

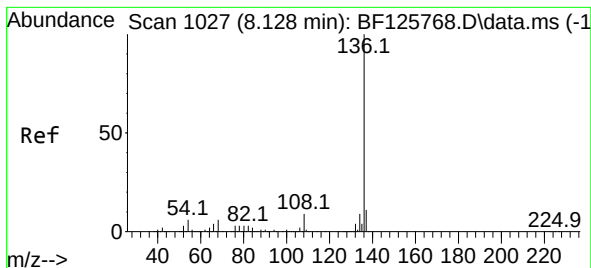
Tgt Ion: 99 Resp: 249773  
Ion Ratio Lower Upper  
99 100  
42 15.1 23.5 35.3#  
71 29.3 25.6 38.4



#19  
n-Nitroso-di-n-propylamine  
Concen: 2.091 ng  
RT: 7.398 min Scan# 903  
Delta R.T. 0.135 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

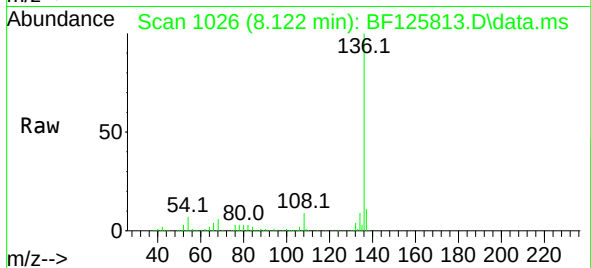
Tgt Ion: 70 Resp: 16633  
Ion Ratio Lower Upper  
70 100  
42 42.8 72.2 108.2#  
101 0.0 7.8 11.8#  
130 2.8 21.8 32.6#



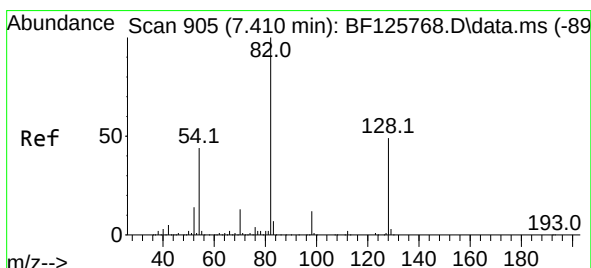
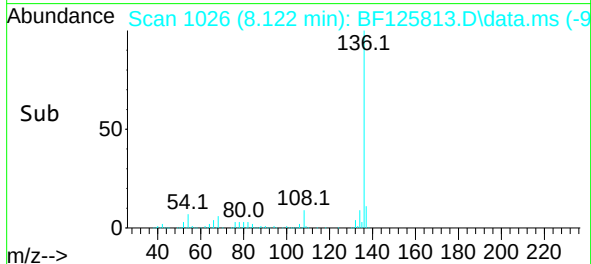
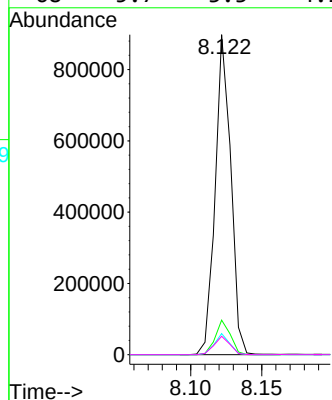


#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

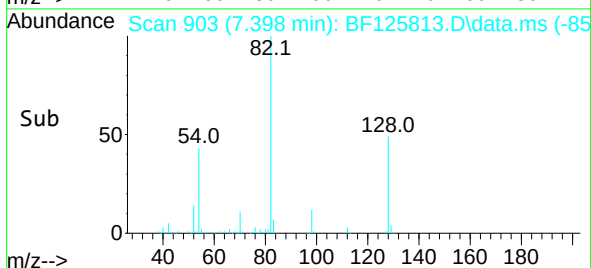
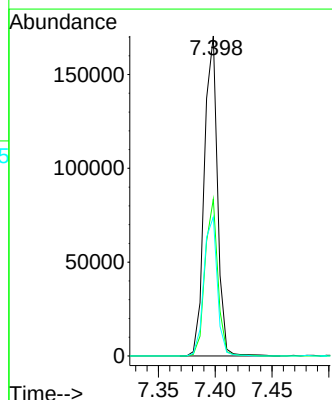
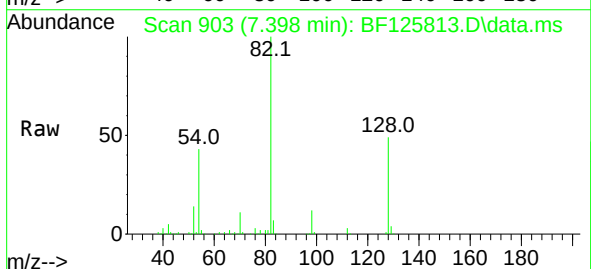


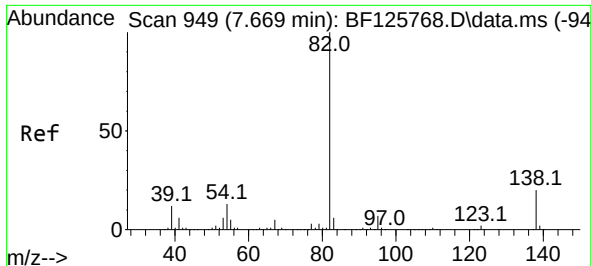
Tgt Ion:136 Resp: 686473  
Ion Ratio Lower Upper  
136 100  
137 10.8 9.8 14.6  
54 6.6 6.4 9.6  
68 5.7 3.3 4.9#



#23  
Nitrobenzene-d5  
Concen: 12.438 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.012 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion: 82 Resp: 137356  
Ion Ratio Lower Upper  
82 100  
128 49.0 40.6 60.8  
54 43.5 49.6 74.4#

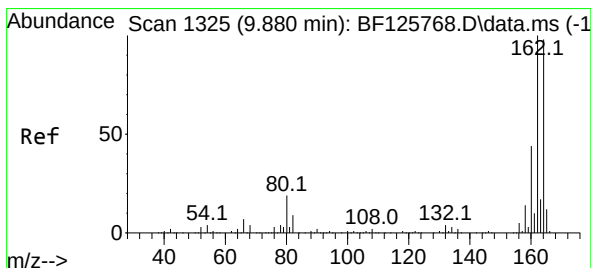
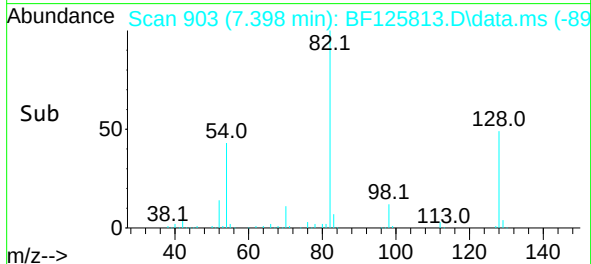
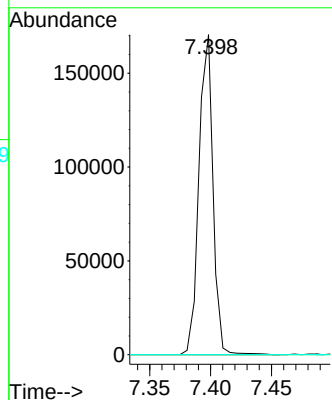
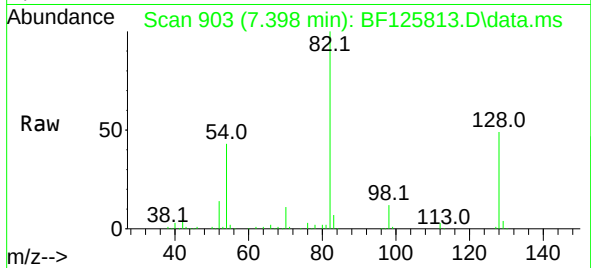




#25  
Isophorone  
Concen: 7.020 ng  
RT: 7.398 min Scan# 903  
Delta R.T. -0.270 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

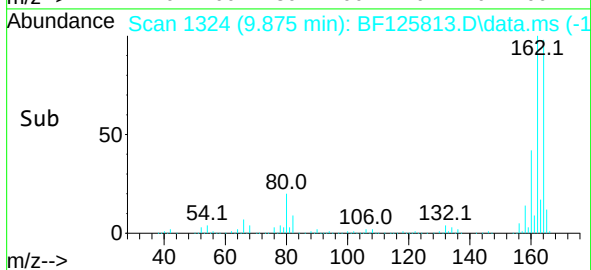
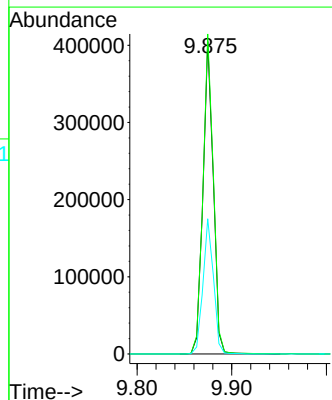
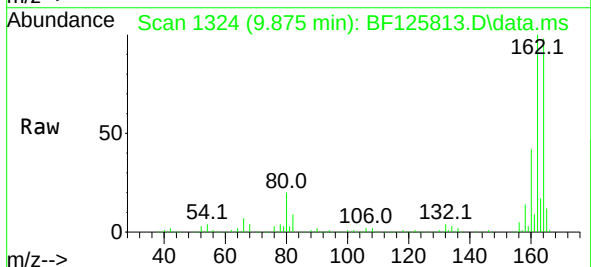
Instrument :  
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ClientSampleId :  
SB-1(1.5-2.0)

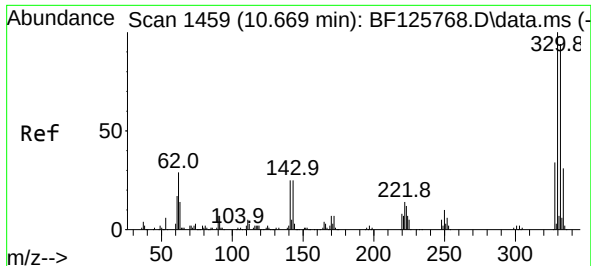
Tgt Ion: 82 Resp: 137354  
Ion Ratio Lower Upper  
82 100  
95 0.0 6.5 9.7#  
138 0.0 18.4 27.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion: 164 Resp: 306635  
Ion Ratio Lower Upper  
164 100  
162 102.4 81.3 121.9  
160 43.3 38.0 57.0

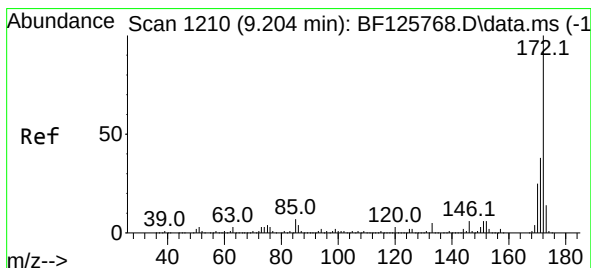
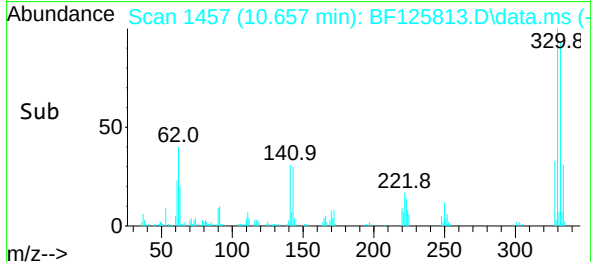
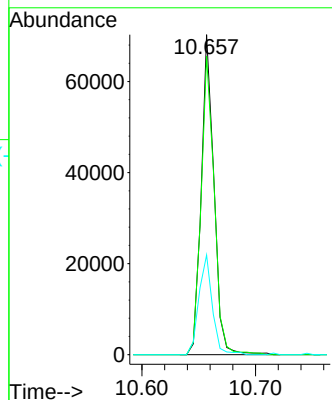
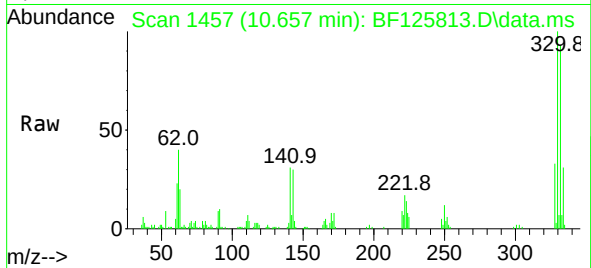




#42  
2,4,6-Tribromophenol  
Concen: 18.073 ng  
RT: 10.657 min Scan# 1457  
Delta R.T. -0.012 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

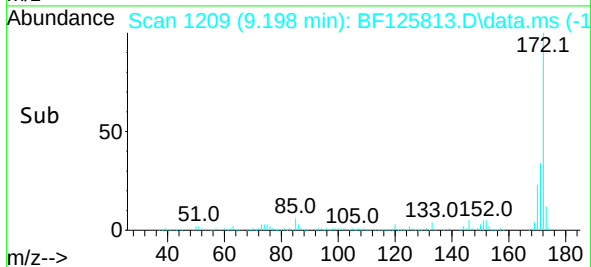
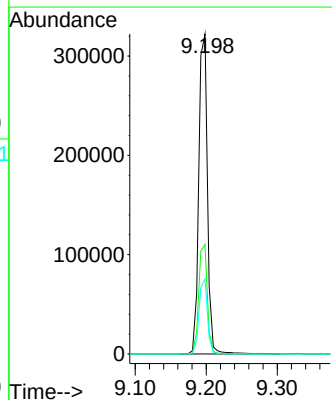
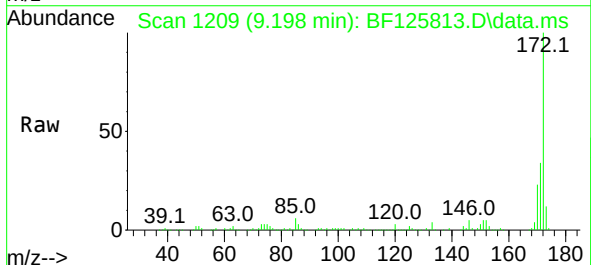
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

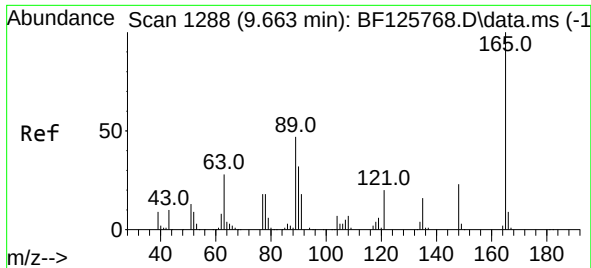
Tgt Ion:330 Resp: 54716  
Ion Ratio Lower Upper  
330 100  
332 96.9 76.2 114.4  
141 33.0 44.6 66.8#



#45  
2-Fluorobiphenyl  
Concen: 15.430 ng  
RT: 9.198 min Scan# 1209  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion:172 Resp: 274315  
Ion Ratio Lower Upper  
172 100  
171 34.2 26.5 39.7  
170 23.4 18.8 28.2

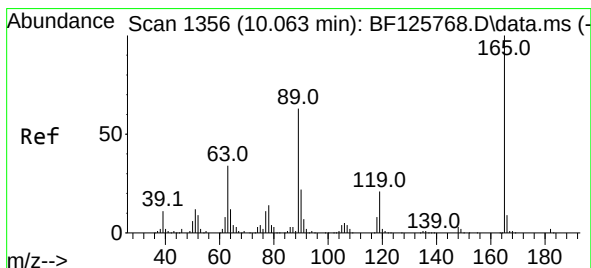
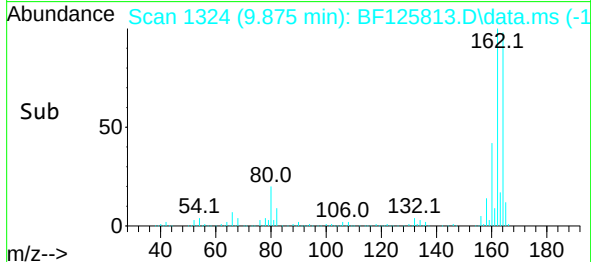
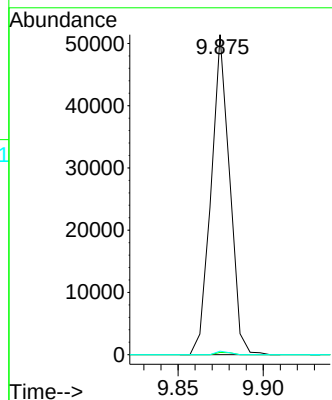
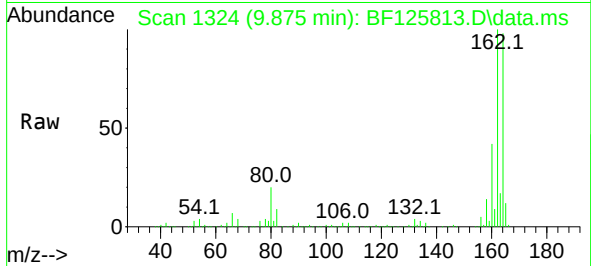




#51  
2,6-Dinitrotoluene  
Concen: 9.554 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.212 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

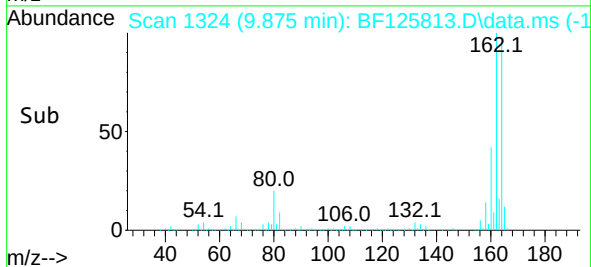
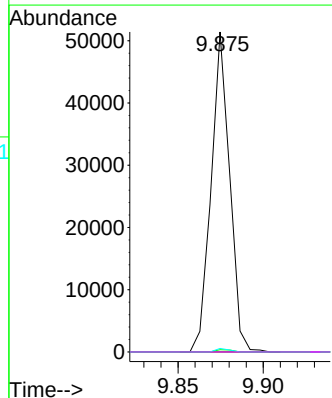
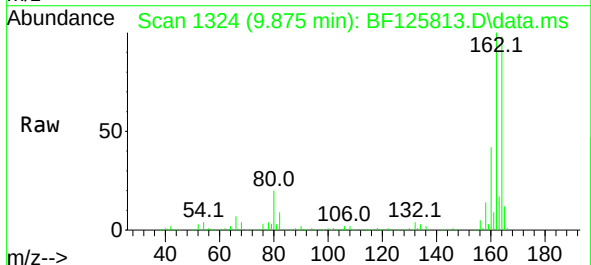
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

Tgt Ion:165 Resp: 38981  
Ion Ratio Lower Upper  
165 100  
63 0.7 42.6 63.8#  
89 1.1 40.6 60.8#

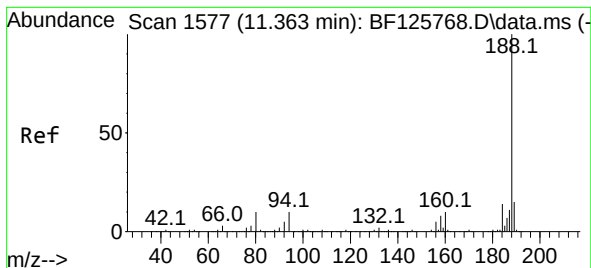


#57  
2,4-Dinitrotoluene  
Concen: 7.556 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.188 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion:165 Resp: 38981  
Ion Ratio Lower Upper  
165 100  
63 0.7 40.9 61.3#  
89 1.1 59.7 89.5#  
182 0.0 0.0 0.0



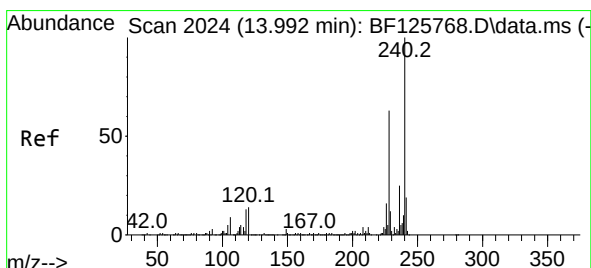
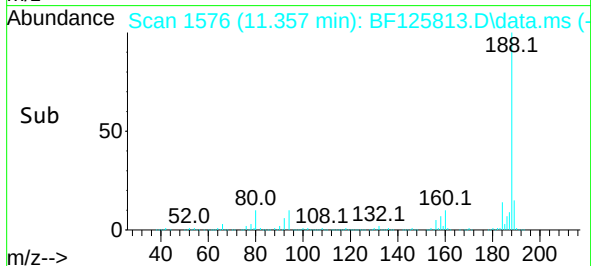
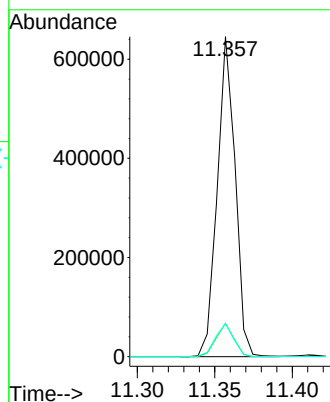
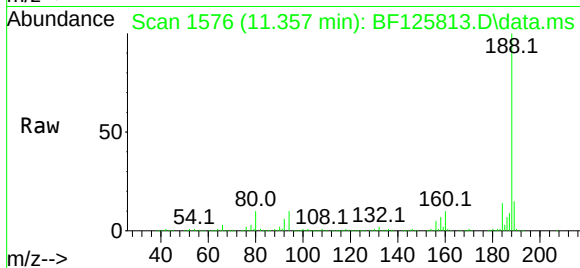




#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.357 min Scan# 1576  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

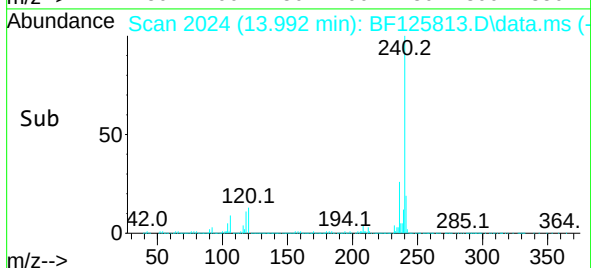
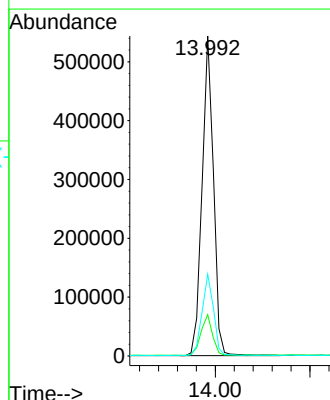
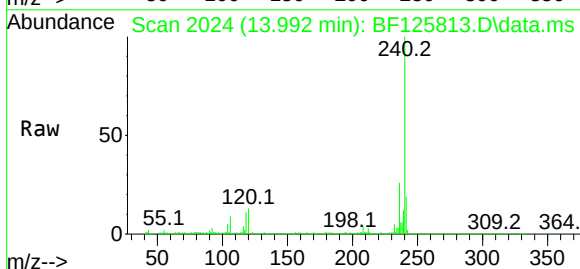
Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

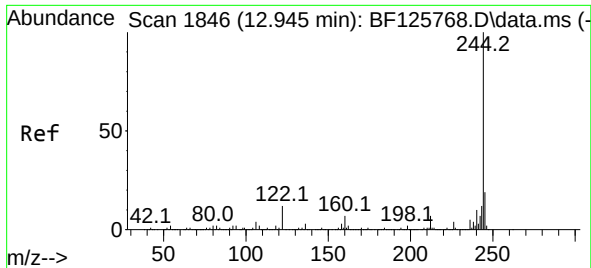
Tgt Ion:188 Resp: 518494  
Ion Ratio Lower Upper  
188 100  
94 10.4 6.7 10.1#  
80 10.4 7.5 11.3



#76  
Chrysene-d12  
Concen: 20.000 ng  
RT: 13.992 min Scan# 2024  
Delta R.T. 0.000 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion:240 Resp: 455377  
Ion Ratio Lower Upper  
240 100  
120 12.9 10.8 16.2  
236 25.6 21.6 32.4

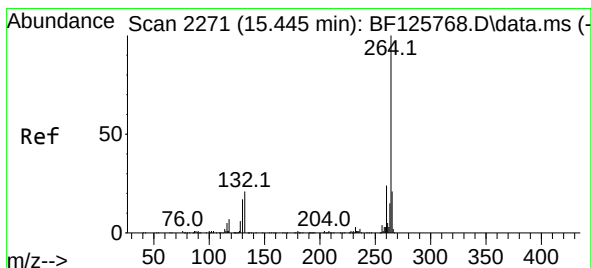
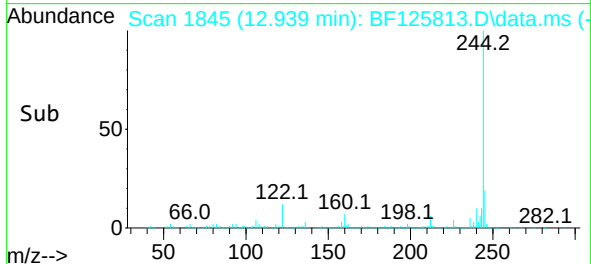
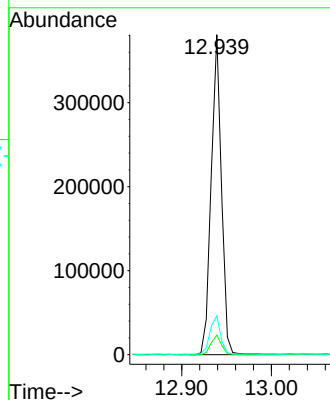
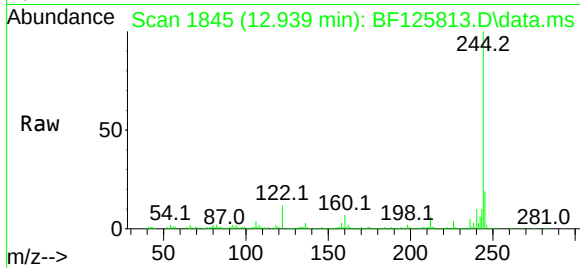




#79  
Terphenyl-d14  
Concen: 10.130 ng  
RT: 12.939 min Scan# 1845  
Delta R.T. -0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Instrument :  
BNA\_F  
ClientSampleId :  
SB-1(1.5-2.0)

Tgt Ion:244 Resp: 302822  
Ion Ratio Lower Upper  
244 100  
212 6.1 5.9 8.9  
122 12.1 9.0 13.4



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.451 min Scan# 2272  
Delta R.T. 0.006 min  
Lab File: BF125813.D  
Acq: 12 Oct 2021 21:11

Tgt Ion:264 Resp: 346654  
Ion Ratio Lower Upper  
264 100  
260 24.1 19.6 29.4  
265 21.3 17.2 25.8

