

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121820\  
 Data File : BF122779.D  
 Acq On : 18 Dec 2020 10:42  
 Operator : JU/CG  
 Sample : PB133592BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133592BL

Quant Time: Dec 18 12:17:22 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Dec 15 18:14:23 2020  
 Response via : Initial Calibration

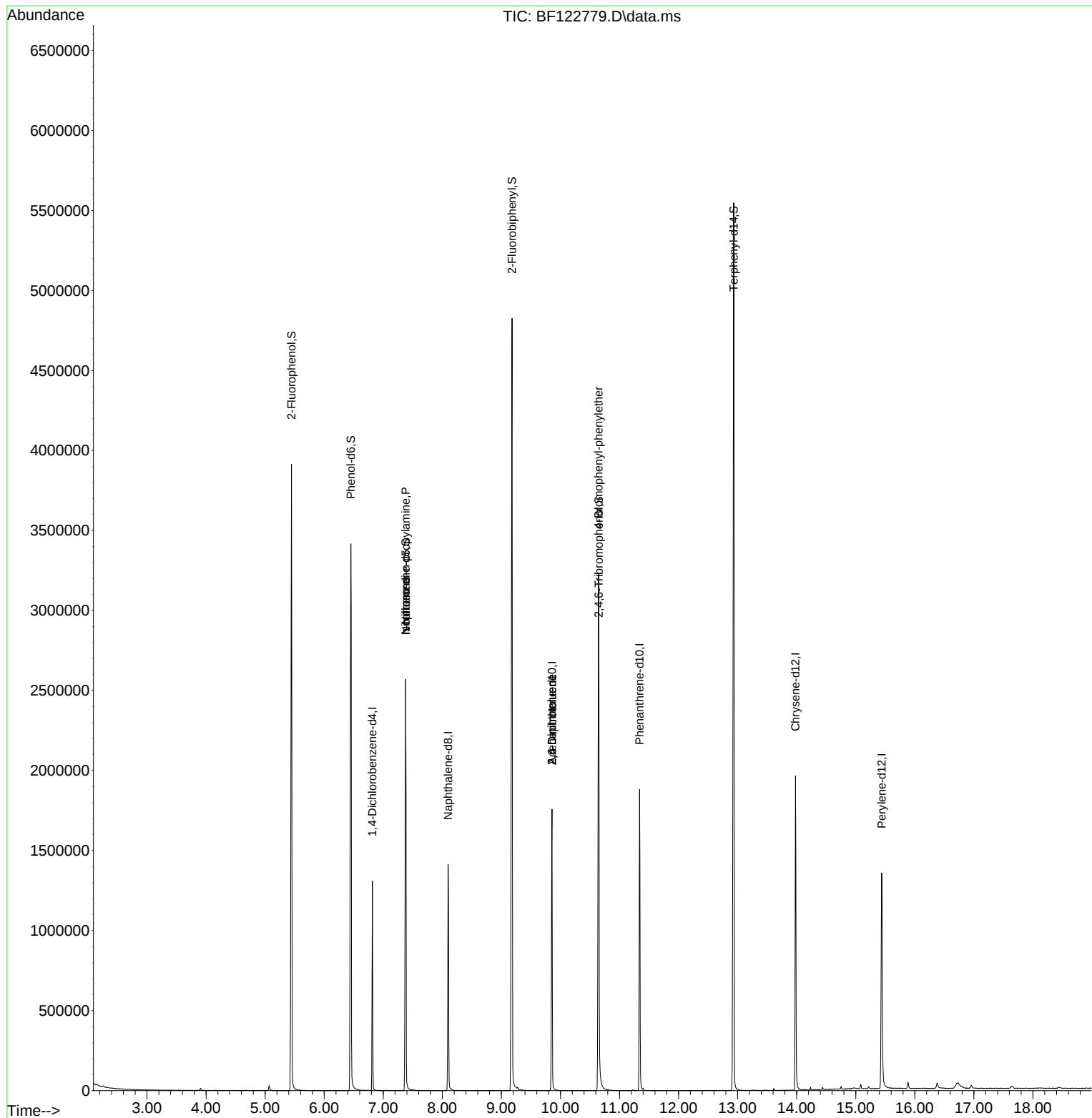
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.816  | 152  | 187160   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.098  | 136  | 736454   | 20.00  | ng    | -0.01    |
| 39) Acenaphthene-d10          | 9.857  | 164  | 400296   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.339 | 188  | 752407   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 13.980 | 240  | 734063   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.439 | 264  | 730914   | 20.00  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.445  | 112  | 1257151  | 106.34 | ng    | 0.01     |
| 7) Phenol-d6                  | 6.451  | 99   | 1592092  | 101.54 | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.381  | 82   | 1011697  | 68.83  | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol      | 10.651 | 330  | 555268   | 105.97 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.181  | 172  | 1891501  | 63.91  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.933 | 244  | 2240431  | 53.43  | ng    | 0.00     |
|                               |        |      |          |        |       |          |
| Target Compounds              |        |      |          |        |       | Qvalue   |
| 19) n-Nitroso-di-n-propyla... | 7.381  | 70   | 134214   | 14.94  | ng    | # 78     |
| 25) Isophorone                | 7.381  | 82   | 1011683  | 39.96  | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.857  | 165  | 51985    | 7.70   | ng    | # 31     |
| 57) 2,4-Dinitrotoluene        | 9.857  | 165  | 52104    | 5.79   | ng    | # 25     |
| 67) 4-Bromophenyl-phenylether | 10.645 | 248  | 34475    | 3.38   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

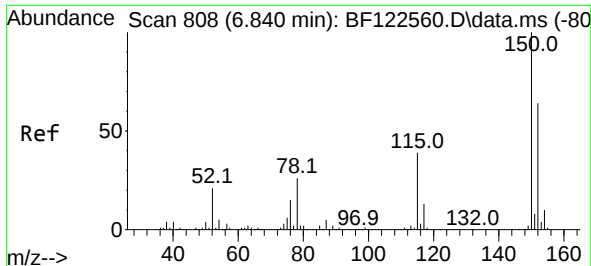
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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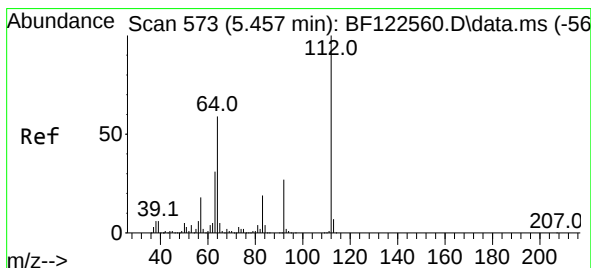
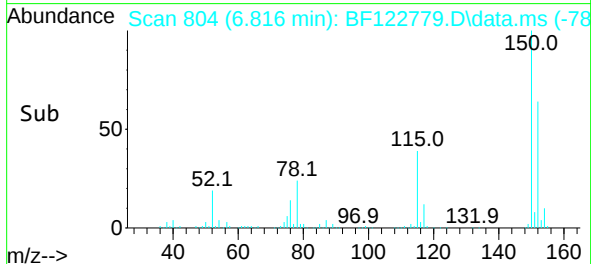
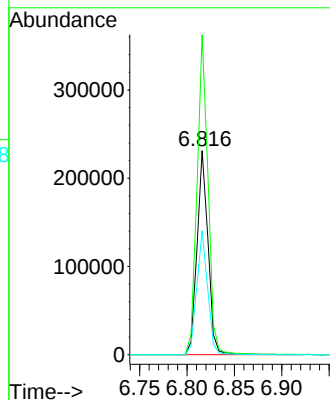
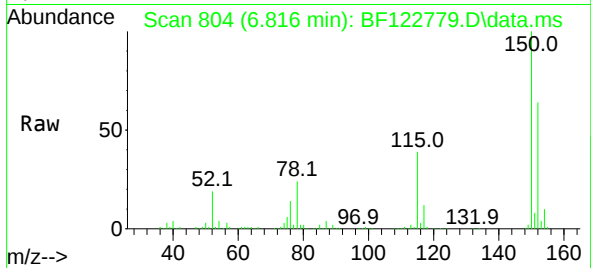




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.816 min Scan# 804  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

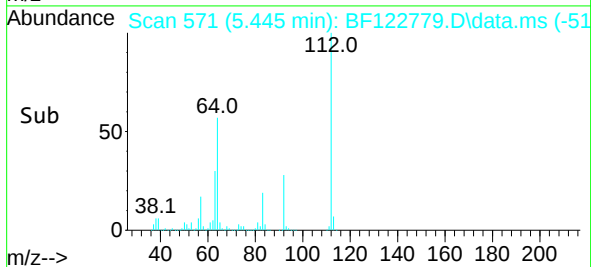
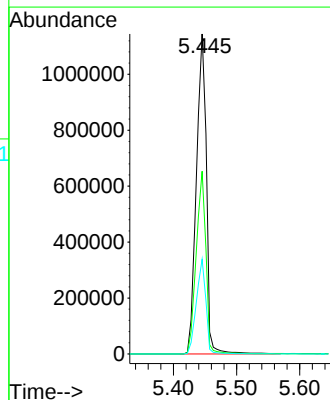
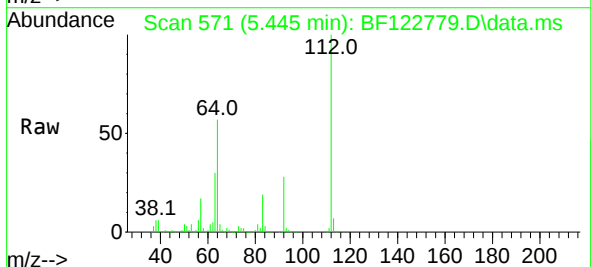
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ClientSampleId :  
PB133592BL

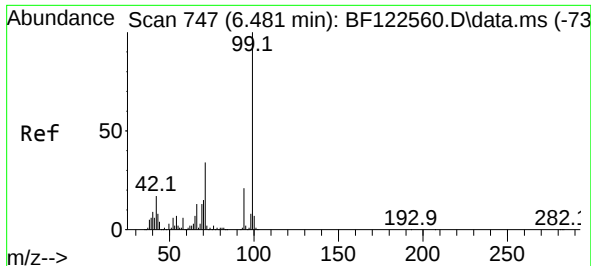
Tgt Ion:152 Resp: 187160  
Ion Ratio Lower Upper  
152 100  
150 156.8 125.8 188.6  
115 60.8 49.3 73.9



#5  
2-Fluorophenol  
Concen: 106.34 ng  
RT: 5.445 min Scan# 571  
Delta R.T. 0.012 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Tgt Ion:112 Resp: 1257151  
Ion Ratio Lower Upper  
112 100  
64 57.1 46.9 70.3  
63 29.6 24.5 36.7

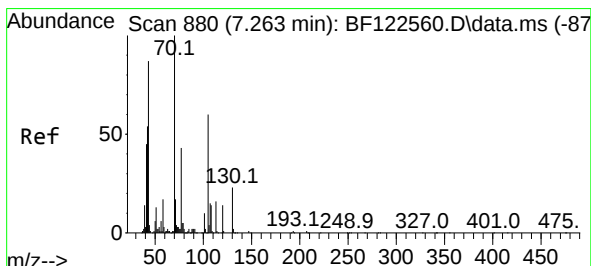
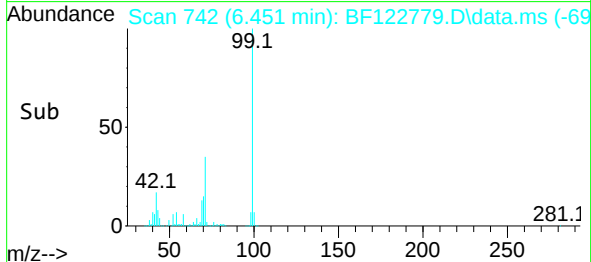
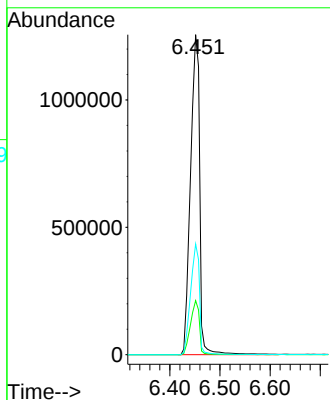
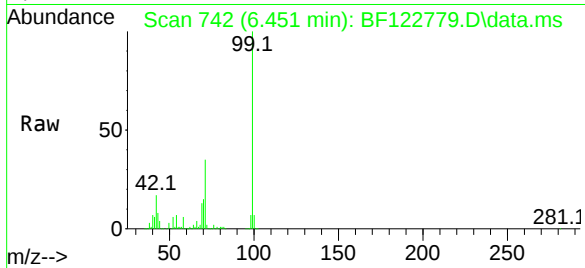




#7  
Phenol-d6  
Concen: 101.54 ng  
RT: 6.451 min Scan# 742  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

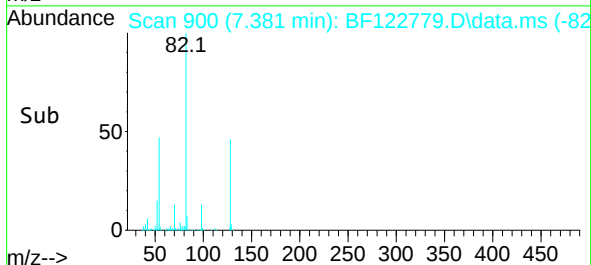
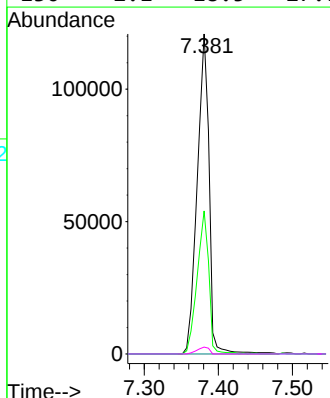
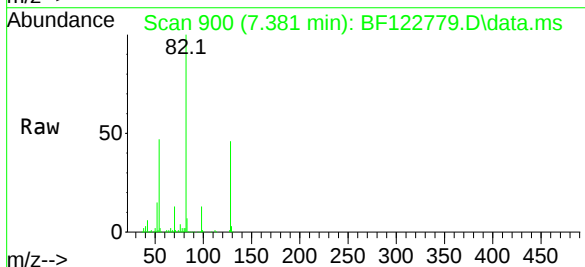
Instrument :  
BNA\_F  
ClientSampleId :  
PB133592BL

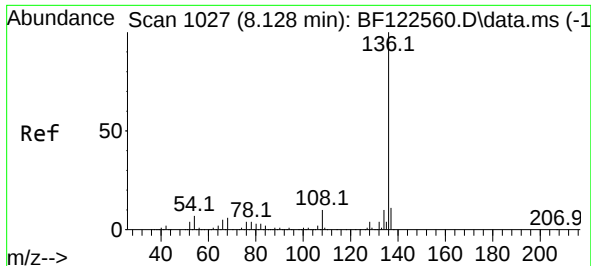
Tgt Ion: 99 Resp: 1592092  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.8 20.6  
71 34.6 26.9 40.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 14.94 ng  
RT: 7.381 min Scan# 900  
Delta R.T. 0.141 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

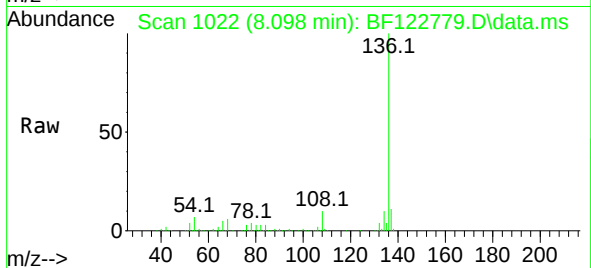
Tgt Ion: 70 Resp: 134214  
Ion Ratio Lower Upper  
70 100  
42 44.7 43.0 64.4  
101 0.0 7.9 11.9#  
130 2.1 18.5 27.7#



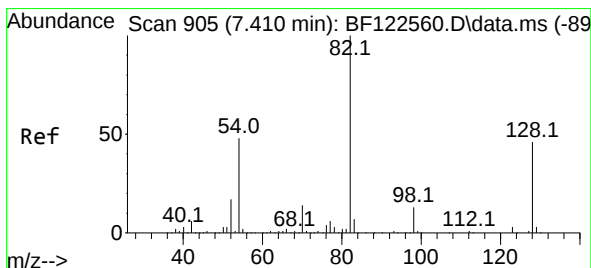
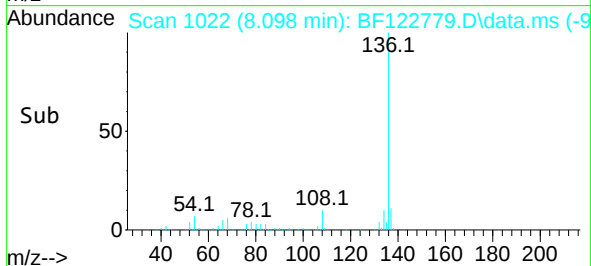
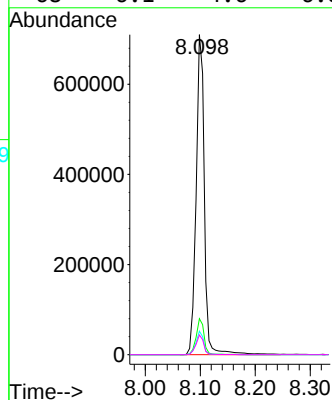


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.098 min Scan# 1022  
Delta R.T. -0.012 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Instrument :  
BNA\_F  
ClientSampleId :  
PB133592BL

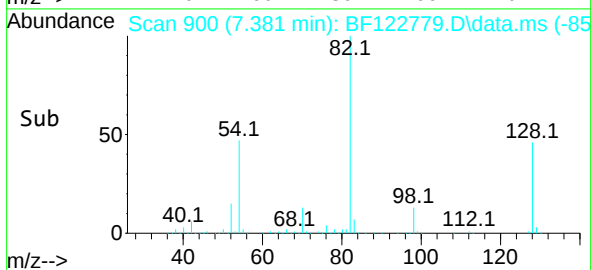
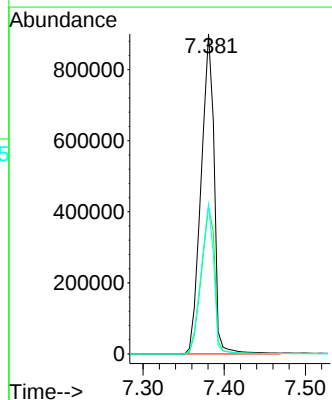
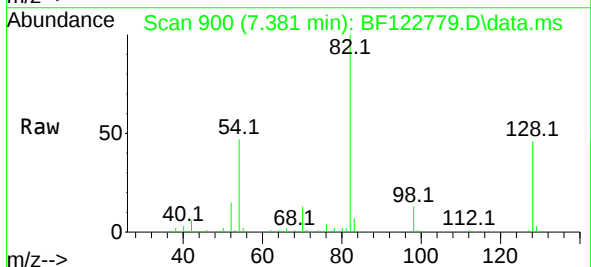


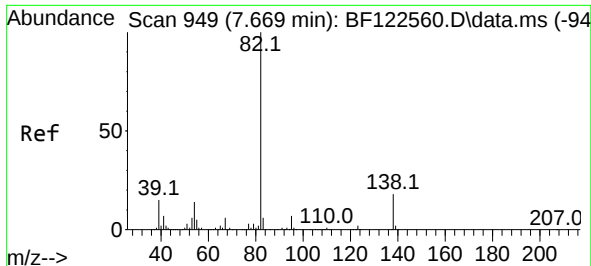
|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:136 | Resp: | 736454 |
| Ion | Ratio   | Lower | Upper  |
| 136 | 100     |       |        |
| 137 | 11.2    | 8.8   | 13.2   |
| 54  | 7.4     | 5.5   | 8.3    |
| 68  | 6.1     | 4.6   | 6.8    |



#23  
Nitrobenzene-d5  
Concen: 68.83 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.012 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

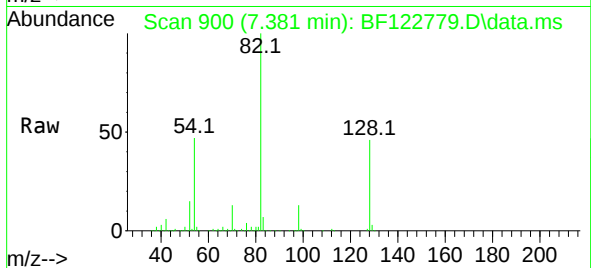
|             |       |               |       |
|-------------|-------|---------------|-------|
| Tgt Ion: 82 |       | Resp: 1011697 |       |
| Ion         | Ratio | Lower         | Upper |
| 82          | 100   |               |       |
| 128         | 46.2  | 37.0          | 55.4  |
| 54          | 46.7  | 38.4          | 57.6  |



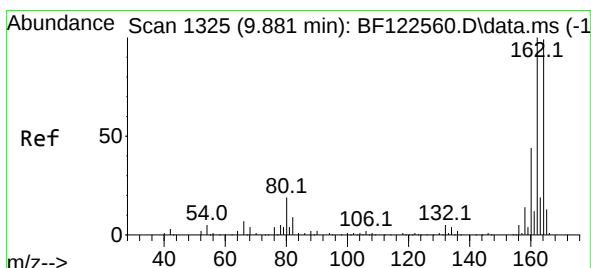
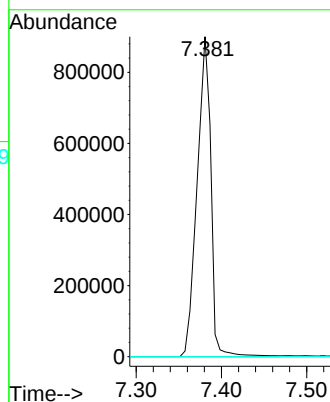
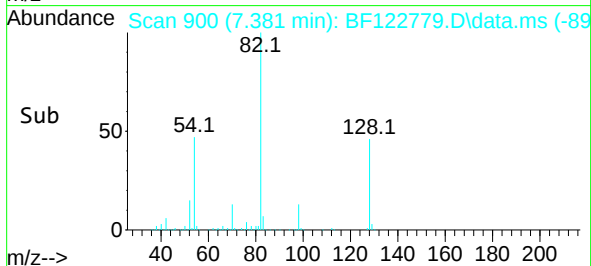


#25  
Isophorone  
Concen: 39.96 ng  
RT: 7.381 min Scan# 900  
Delta R.T. -0.265 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

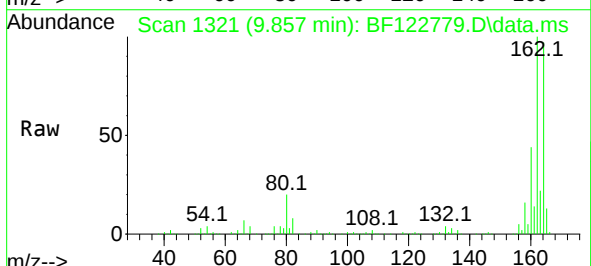
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BNA\_F  
ClientSampleId :  
PB133592BL



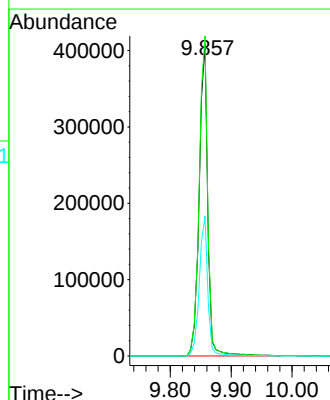
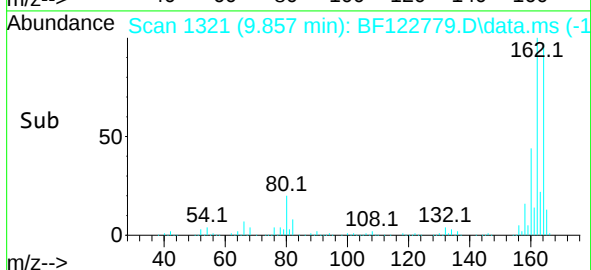
Tgt Ion: 82 Resp: 1011683  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.6 21.8#

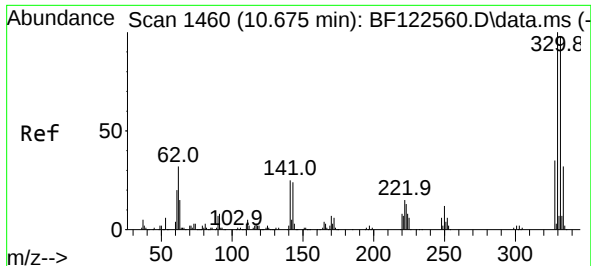


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42



Tgt Ion: 164 Resp: 400296  
Ion Ratio Lower Upper  
164 100  
162 102.7 80.8 121.2  
160 44.9 35.4 53.0

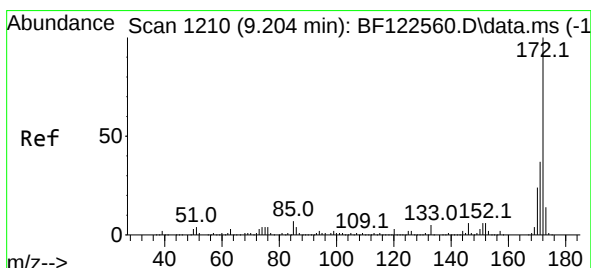
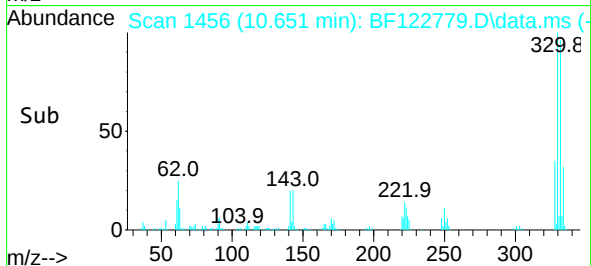
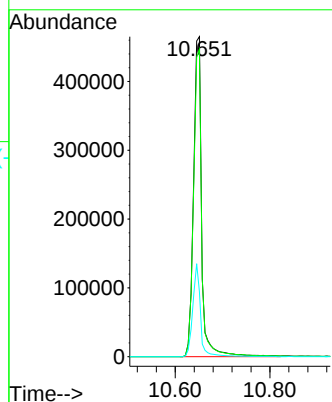
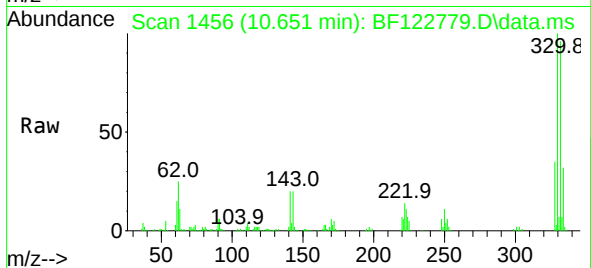




#42  
2,4,6-Tribromophenol  
Concen: 105.97 ng  
RT: 10.651 min Scan# 1456  
Delta R.T. -0.000 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

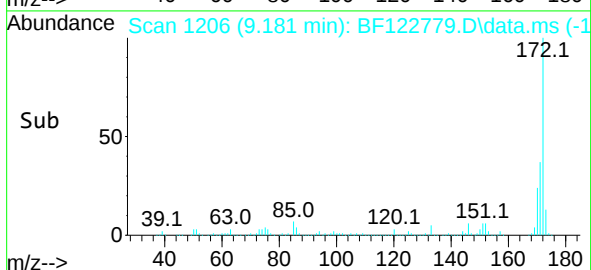
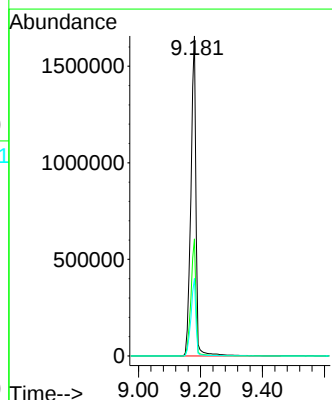
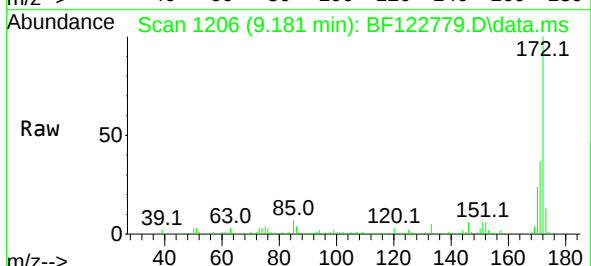
Instrument :  
BNA\_F  
ClientSampleId :  
PB133592BL

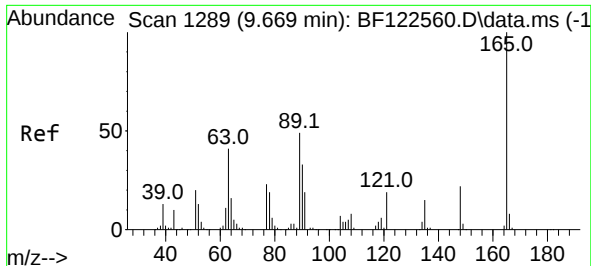
Tgt Ion: 330 Resp: 555268  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.5 116.3  
141 27.4 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 63.91 ng  
RT: 9.181 min Scan# 1206  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Tgt Ion: 172 Resp: 1891501  
Ion Ratio Lower Upper  
172 100  
171 36.6 29.6 44.4  
170 24.2 19.5 29.3

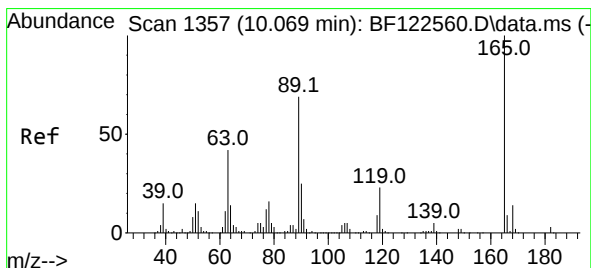
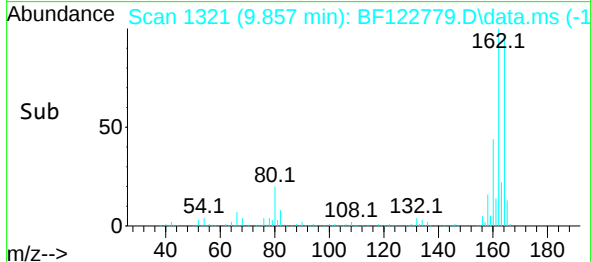
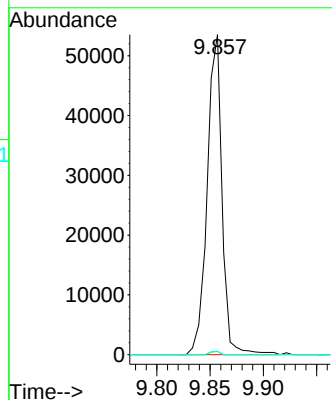
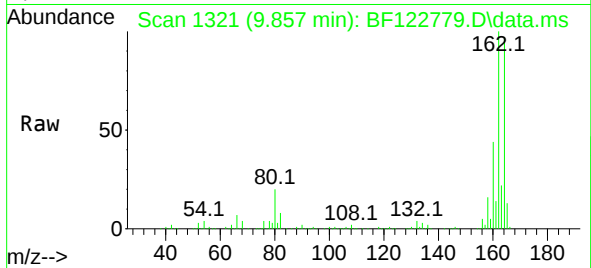




#51  
2,6-Dinitrotoluene  
Concen: 7.70 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. 0.212 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

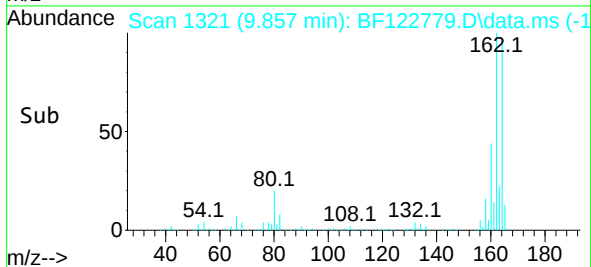
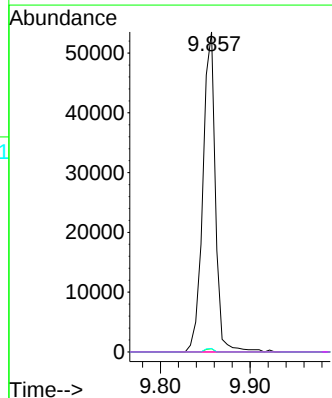
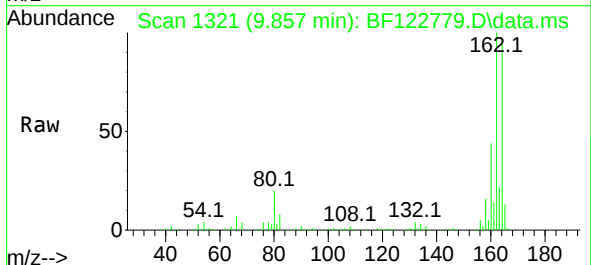
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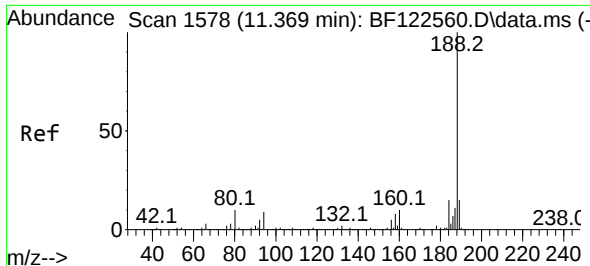
Tgt Ion:165 Resp: 51985  
Ion Ratio Lower Upper  
165 100  
63 1.0 36.6 55.0#  
89 1.1 39.4 59.0#



#57  
2,4-Dinitrotoluene  
Concen: 5.79 ng  
RT: 9.857 min Scan# 1321  
Delta R.T. -0.194 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Tgt Ion:165 Resp: 52104  
Ion Ratio Lower Upper  
165 100  
63 1.0 34.3 51.5#  
89 1.1 55.2 82.8#  
182 0.0 2.2 3.2#

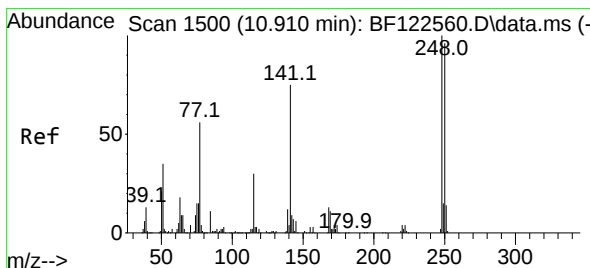
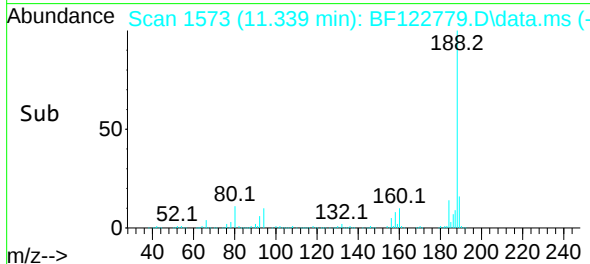
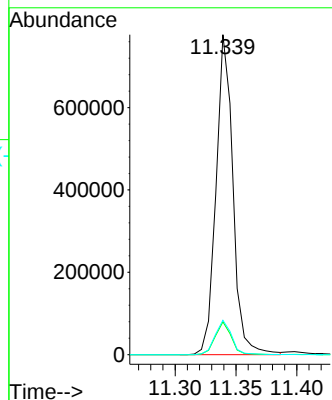
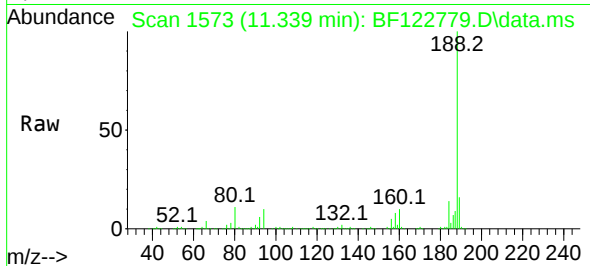




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.339 min Scan# 1573  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

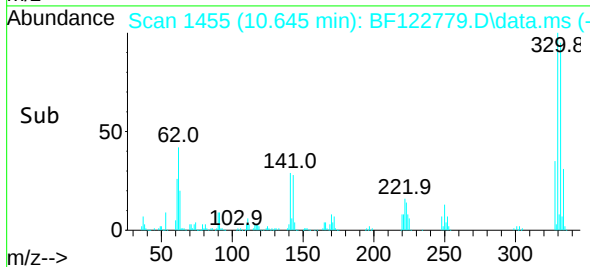
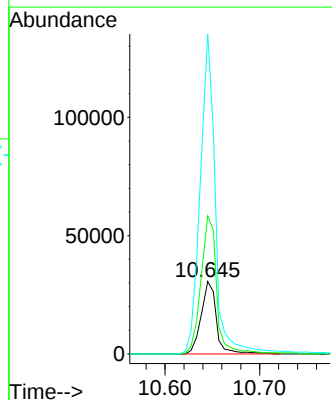
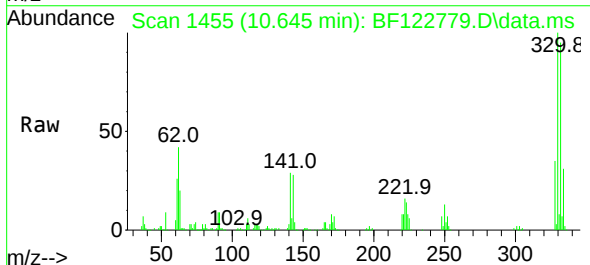
Instrument :  
BNA\_F  
ClientSampleId :  
PB133592BL

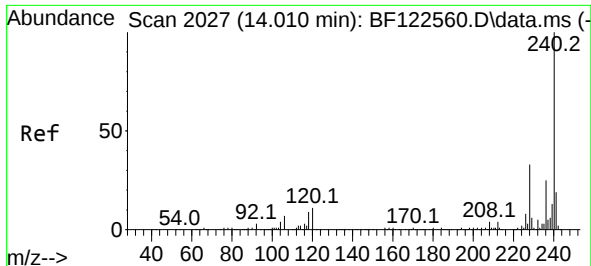
Tgt Ion:188 Resp: 752407  
Ion Ratio Lower Upper  
188 100  
94 10.3 7.4 11.2  
80 10.7 8.2 12.4



#67  
4-Bromophenyl-phenylether  
Concen: 3.38 ng  
RT: 10.645 min Scan# 1455  
Delta R.T. -0.247 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Tgt Ion:248 Resp: 34475  
Ion Ratio Lower Upper  
248 100  
250 190.2 76.8 115.2#  
141 441.1 59.8 89.8#

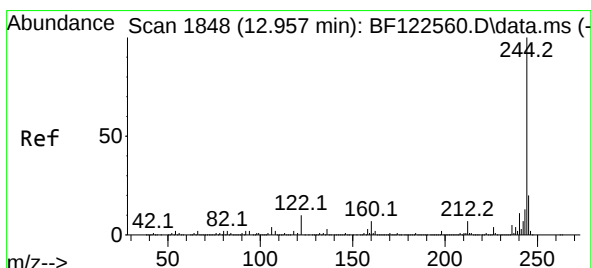
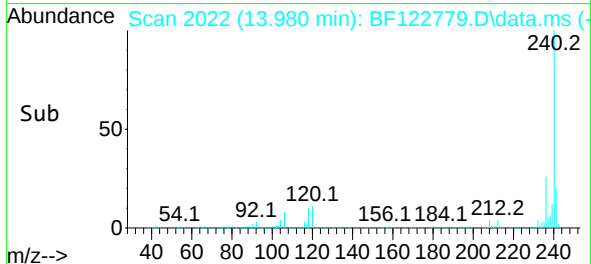
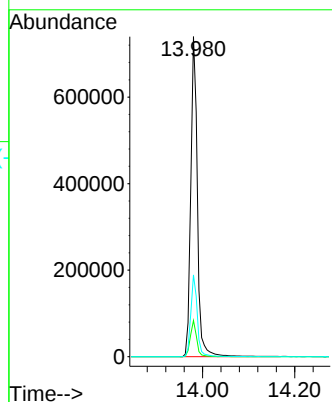
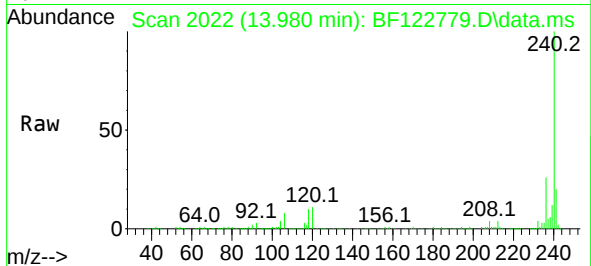




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.980 min Scan# 2022  
Delta R.T. -0.006 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

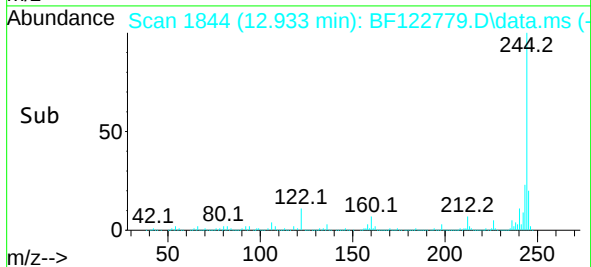
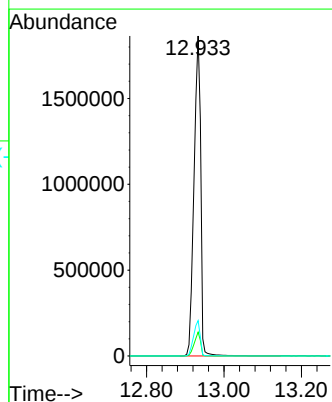
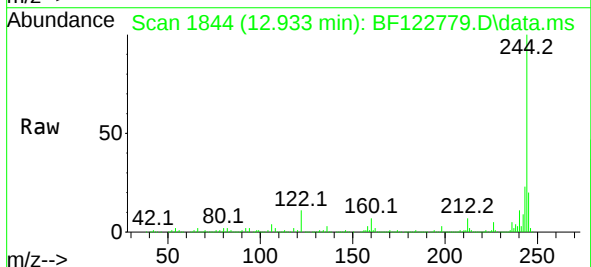
Instrument :  
BNA\_F  
ClientSampleId :  
PB133592BL

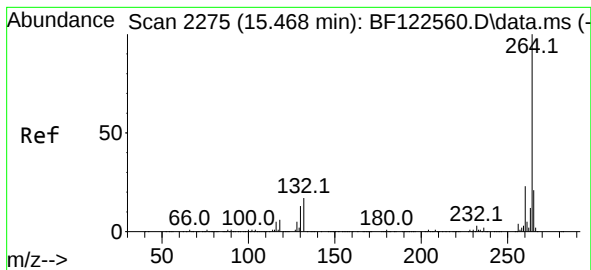
Tgt Ion:240 Resp: 734063  
Ion Ratio Lower Upper  
240 100  
120 11.3 8.6 12.8  
236 25.5 20.3 30.5



#79  
Terphenyl-d14  
Concen: 53.43 ng  
RT: 12.933 min Scan# 1844  
Delta R.T. -0.000 min  
Lab File: BF122779.D  
Acq: 18 Dec 2020 10:42

Tgt Ion:244 Resp: 2240431  
Ion Ratio Lower Upper  
244 100  
212 7.4 5.7 8.5  
122 11.0 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.439 min Scan# 2270  
 Delta R.T. -0.000 min  
 Lab File: BF122779.D  
 Acq: 18 Dec 2020 10:42

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133592BL

Tgt Ion:264 Resp: 730914  
 Ion Ratio Lower Upper  
 264 100  
 260 24.2 18.6 28.0  
 265 22.0 17.0 25.6

