

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121020\  
 Data File : BF122642.D  
 Acq On : 10 Dec 2020 11:50  
 Operator : JU/CG  
 Sample : PB133503BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133474TB

Quant Time: Dec 10 14:16:29 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Dec 07 12:08:49 2020  
 Response via : Initial Calibration

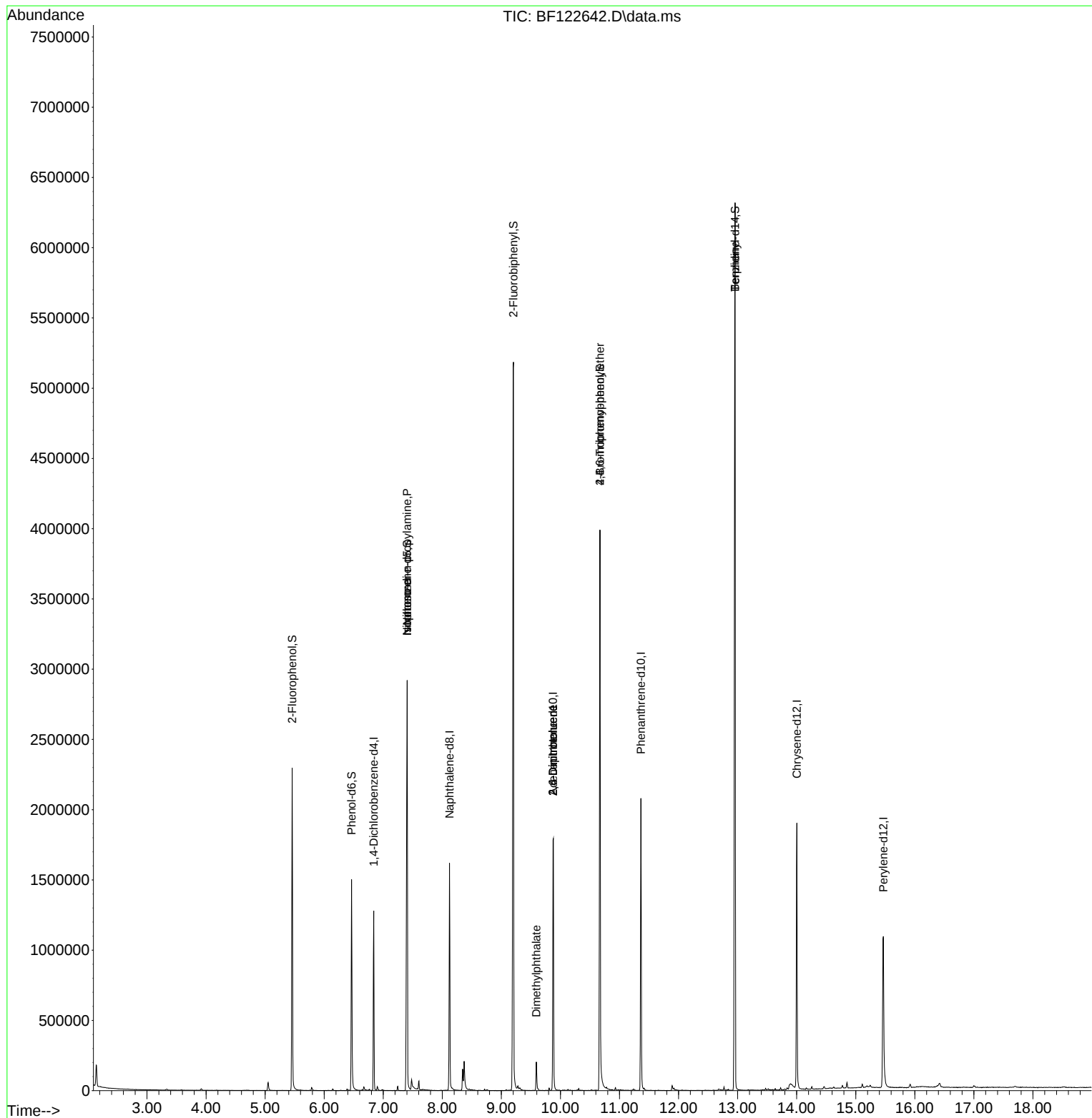
| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.839  | 152  | 187078   | 20.00  | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.122  | 136  | 752933   | 20.00  | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.875  | 164  | 420849   | 20.00  | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.363 | 188  | 792253   | 20.00  | ng    | 0.00     |
| 76) Chrysene-d12              | 14.004 | 240  | 684855   | 20.00  | ng    | 0.00     |
| 86) Perylene-d12              | 15.468 | 264  | 611639   | 20.00  | ng    | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 5) 2-Fluorophenol             | 5.457  | 112  | 660425   | 55.89  | ng    | 0.00     |
| 7) Phenol-d6                  | 6.463  | 99   | 525483   | 33.53  | ng    | -0.02    |
| 23) Nitrobenzene-d5           | 7.404  | 82   | 1094057  | 72.80  | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.669 | 330  | 596352   | 108.26 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.204  | 172  | 1969917  | 63.31  | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.957 | 244  | 2351035  | 60.09  | ng    | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
| 19) n-Nitroso-di-n-propyla... | 7.404  | 70   | 144759   | 16.13  | ng    | Qvalue   |
| 25) Isophorone                | 7.404  | 82   | 1078744  | 41.68  | ng    | # 77     |
| 50) Dimethylphthalate         | 9.592  | 163  | 99722    | 2.97   | ng    | # 65     |
| 51) 2,6-Dinitrotoluene        | 9.875  | 165  | 52748    | 7.43   | ng    | # 100    |
| 57) 2,4-Dinitrotoluene        | 9.875  | 165  | 52748    | 5.58   | ng    | # 32     |
| 67) 4-Bromophenyl-phenylether | 10.669 | 248  | 36564    | 3.41   | ng    | # 26     |
| 77) Benzidine                 | 12.957 | 184  | 30448    | 2.06   | ng    | # 1      |
| -----                         |        |      |          |        |       |          |

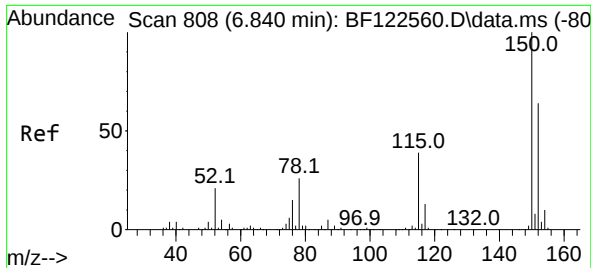
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF121020\  
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Sample : PB133503BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF120520.M  
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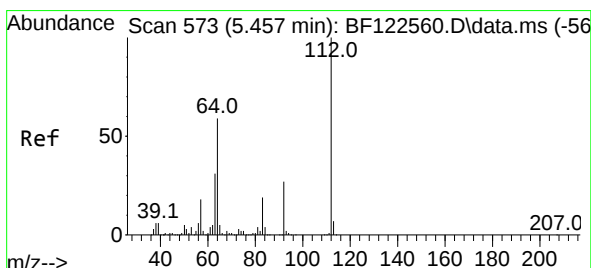
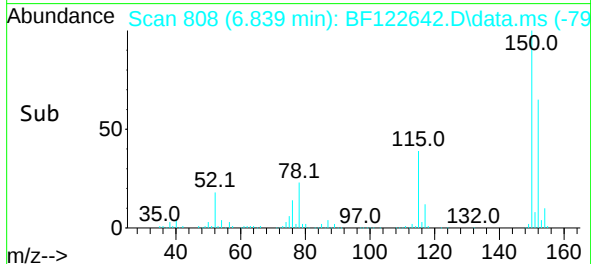
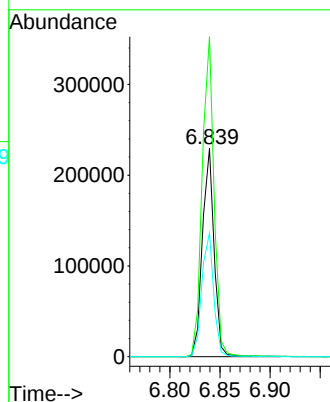
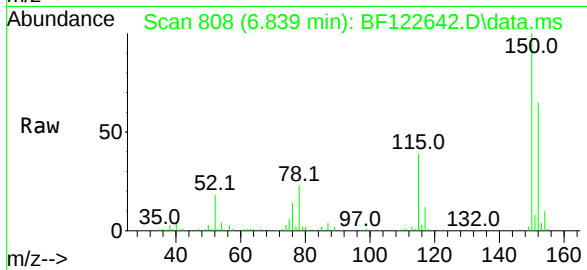




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 6.839 min Scan# 808  
 Delta R.T. -0.001 min  
 Lab File: BF122642.D  
 Acq: 10 Dec 2020 11:50

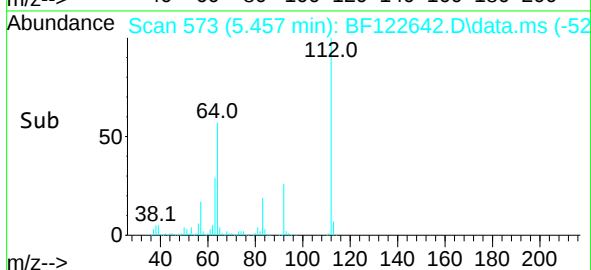
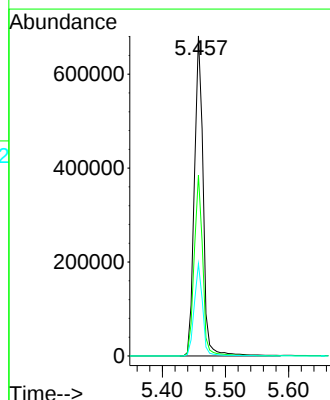
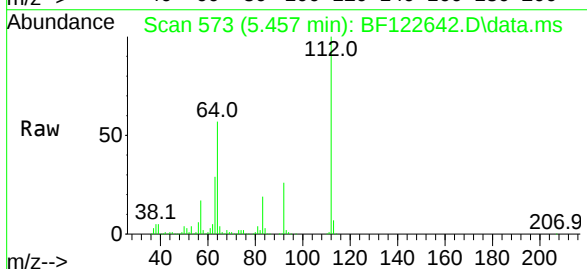
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133474TB

Tgt Ion:152 Resp: 187078  
 Ion Ratio Lower Upper  
 152 100  
 150 153.7 125.8 188.6  
 115 59.4 49.3 73.9



#5  
 2-Fluorophenol  
 Concen: 55.89 ng  
 RT: 5.457 min Scan# 573  
 Delta R.T. -0.000 min  
 Lab File: BF122642.D  
 Acq: 10 Dec 2020 11:50

Tgt Ion:112 Resp: 660425  
 Ion Ratio Lower Upper  
 112 100  
 64 56.5 46.9 70.3  
 63 28.8 24.5 36.7

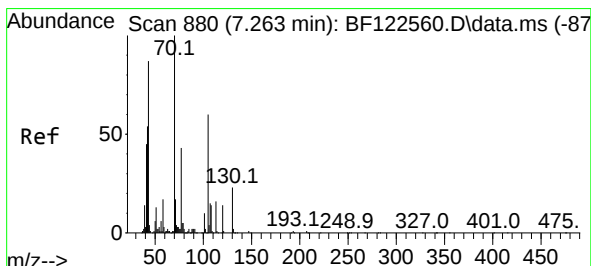
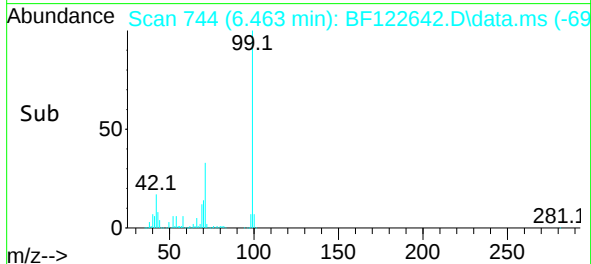
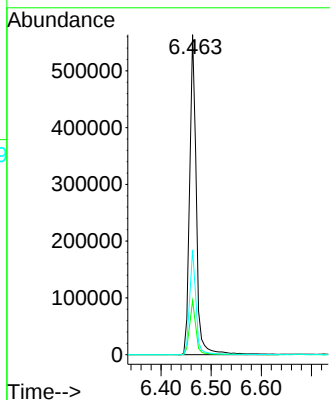
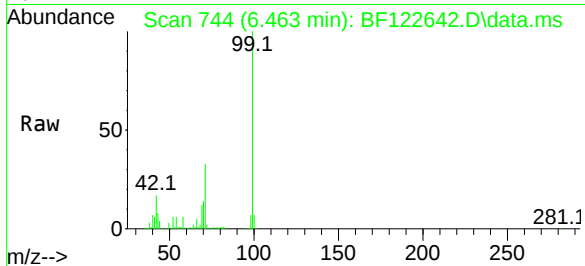




#7  
Phenol-d6  
Concen: 33.53 ng  
RT: 6.463 min Scan# 744  
Delta R.T. -0.018 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

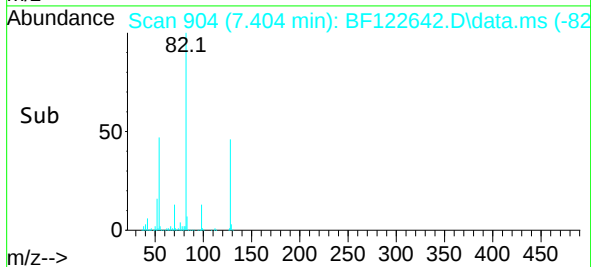
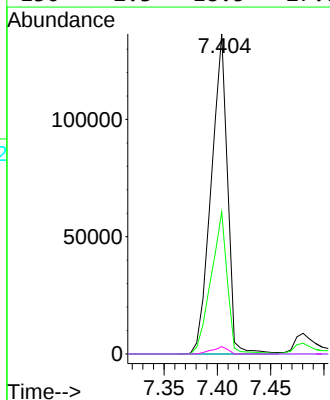
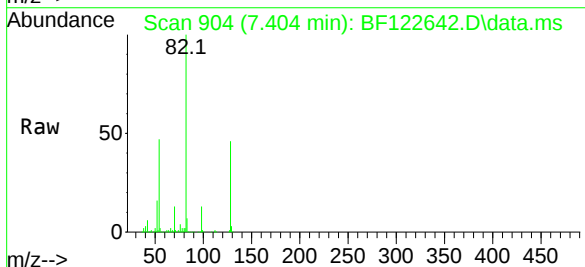
Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB

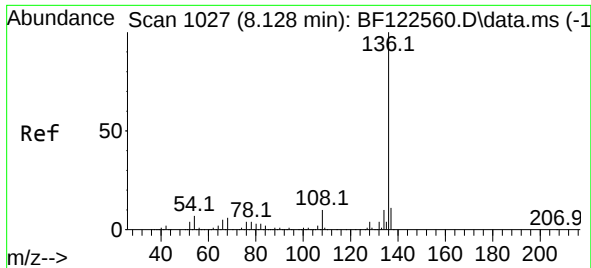
Tgt Ion: 99 Resp: 525483  
Ion Ratio Lower Upper  
99 100  
42 16.9 13.8 20.6  
71 32.8 26.9 40.3



#19  
n-Nitroso-di-n-propylamine  
Concen: 16.13 ng  
RT: 7.404 min Scan# 904  
Delta R.T. 0.141 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

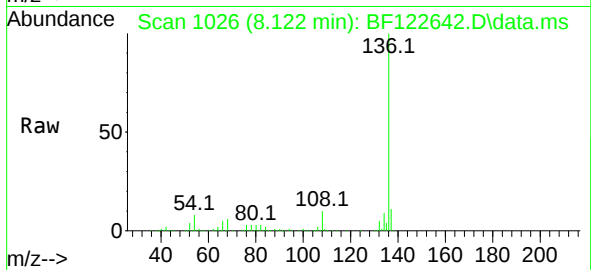
Tgt Ion: 70 Resp: 144759  
Ion Ratio Lower Upper  
70 100  
42 44.4 43.0 64.4  
101 0.0 7.9 11.9#  
130 2.3 18.5 27.7#



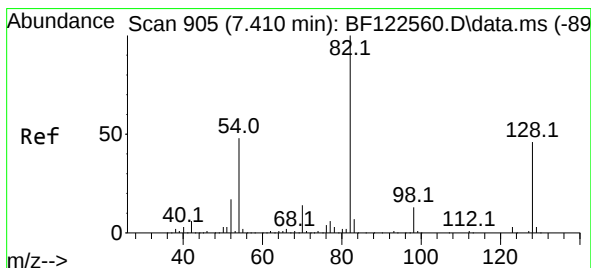
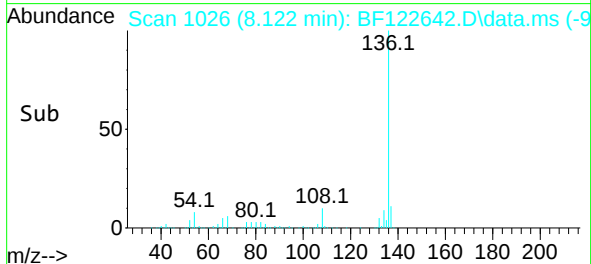
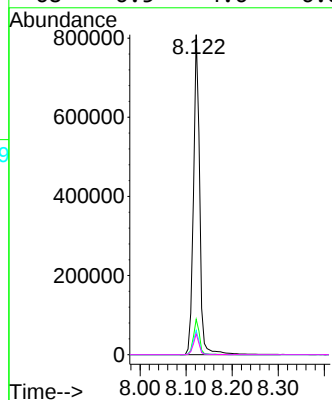


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.122 min Scan# 1026  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB

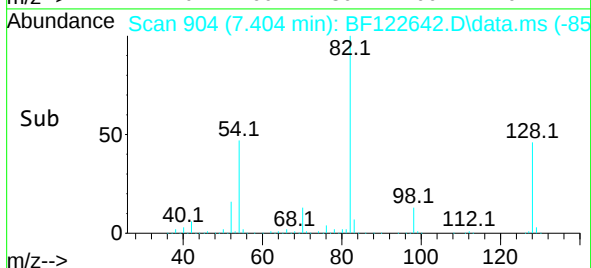
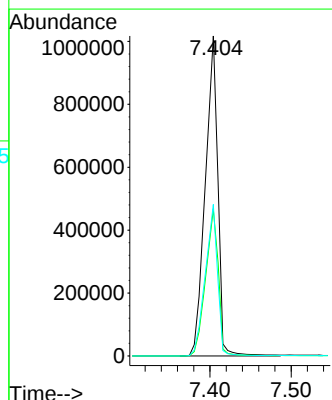
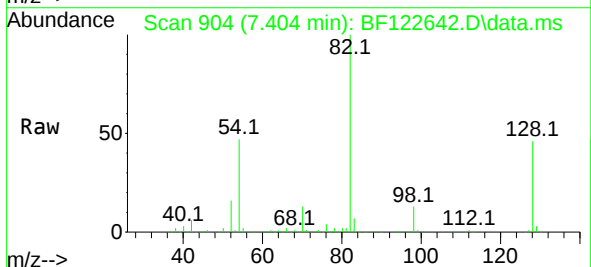


Tgt Ion:136 Resp: 752933  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.8 13.2  
54 7.6 5.5 8.3  
68 6.5 4.6 6.8



#23  
Nitrobenzene-d5  
Concen: 72.80 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

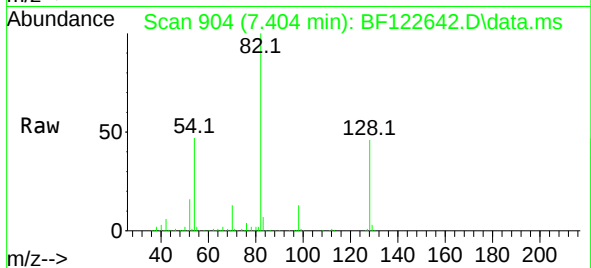
Tgt Ion: 82 Resp: 1094057  
Ion Ratio Lower Upper  
82 100  
128 45.8 37.0 55.4  
54 47.4 38.4 57.6



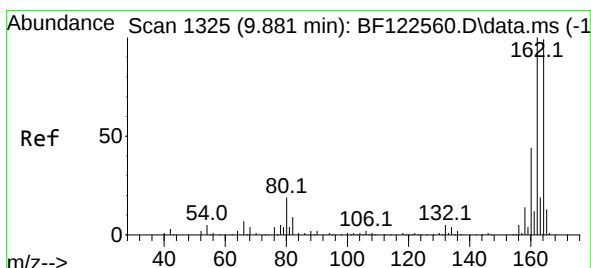
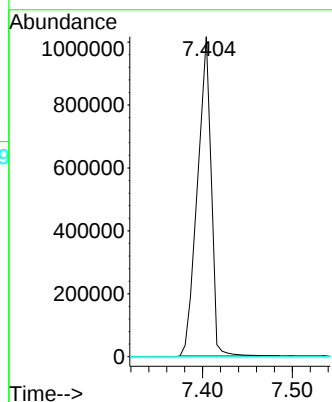
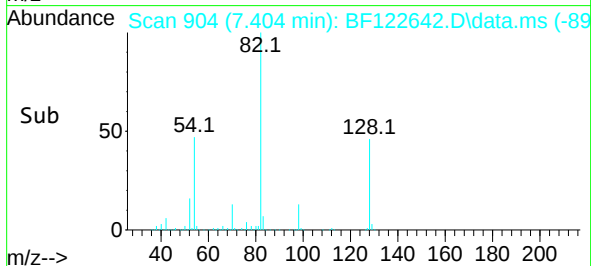


#25  
Isophorone  
Concen: 41.68 ng  
RT: 7.404 min Scan# 904  
Delta R.T. -0.265 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

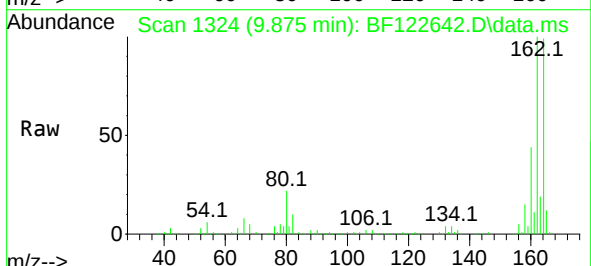
Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB



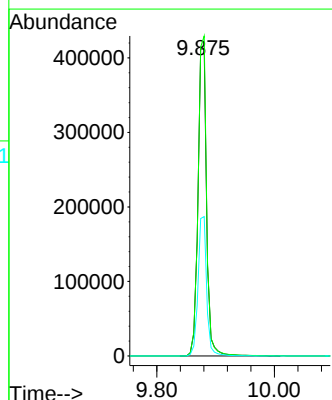
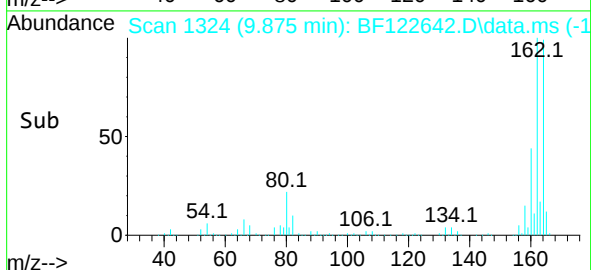
Tgt Ion: 82 Resp: 1078744  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.8 8.6#  
138 0.0 14.6 21.8#

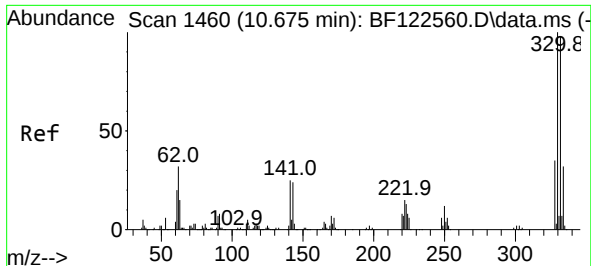


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50



Tgt Ion: 164 Resp: 420849  
Ion Ratio Lower Upper  
164 100  
162 100.6 80.8 121.2  
160 44.7 35.4 53.0

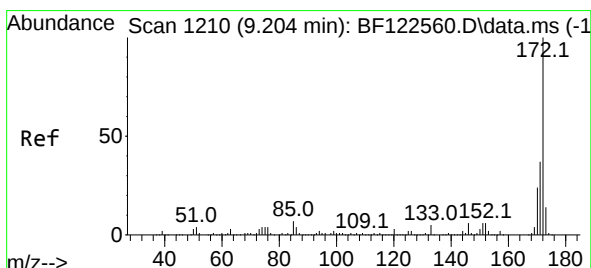
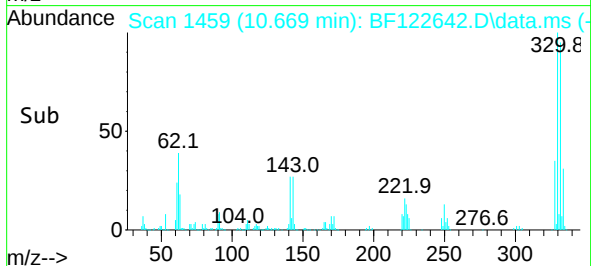
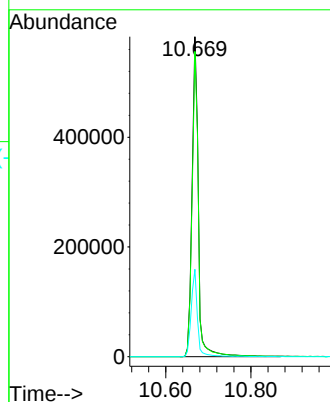
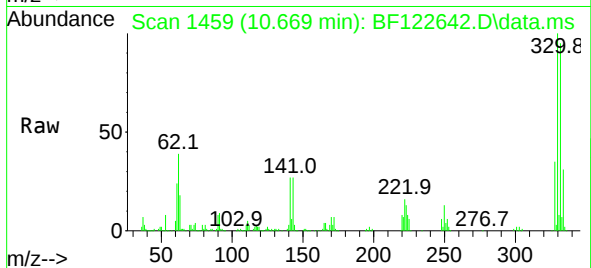




#42  
2,4,6-Tribromophenol  
Concen: 108.26 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

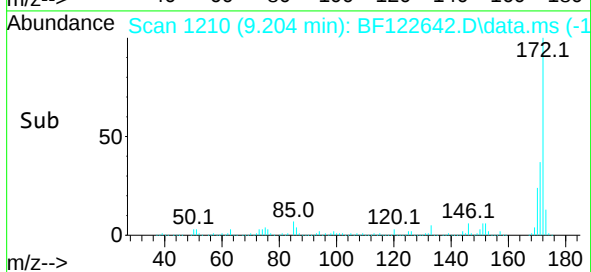
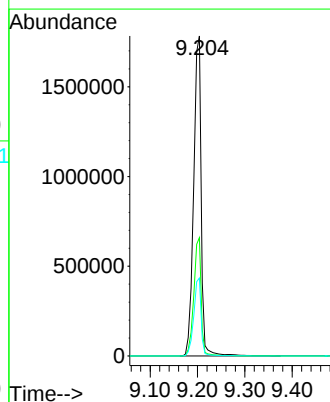
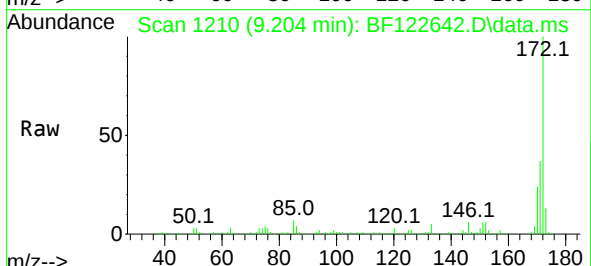
Instrument :  
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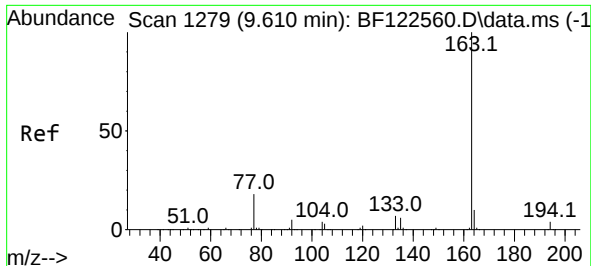
Tgt Ion: 330 Resp: 596352  
Ion Ratio Lower Upper  
330 100  
332 96.0 77.5 116.3  
141 27.3 23.8 35.8



#45  
2-Fluorobiphenyl  
Concen: 63.31 ng  
RT: 9.204 min Scan# 1210  
Delta R.T. -0.000 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Tgt Ion: 172 Resp: 1969917  
Ion Ratio Lower Upper  
172 100  
171 37.0 29.6 44.4  
170 24.4 19.5 29.3

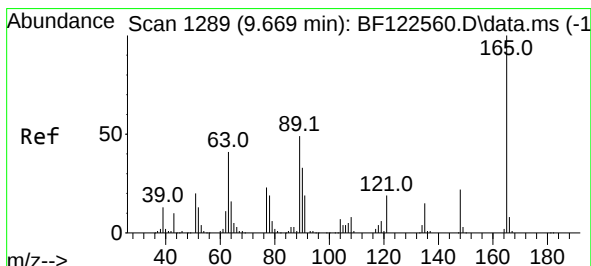
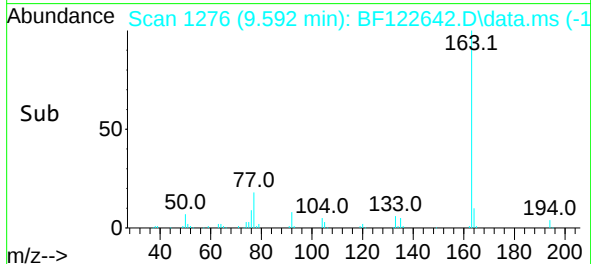
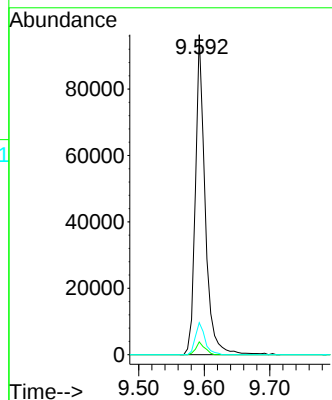
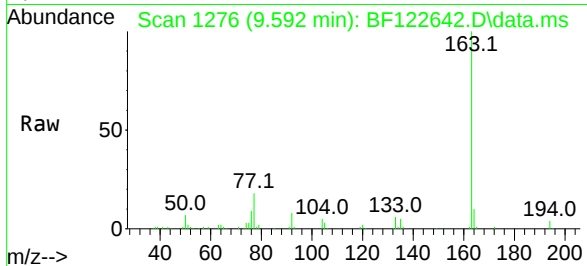




#50  
Dimethylphthalate  
Concen: 2.97 ng  
RT: 9.592 min Scan# 1276  
Delta R.T. -0.018 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

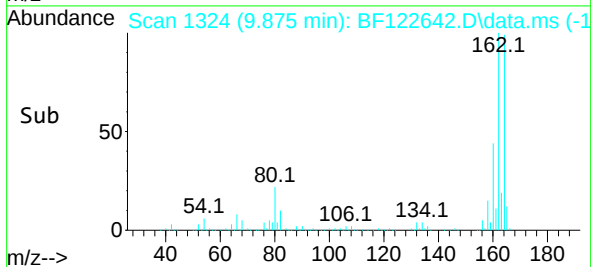
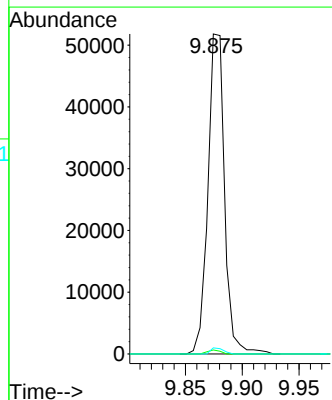
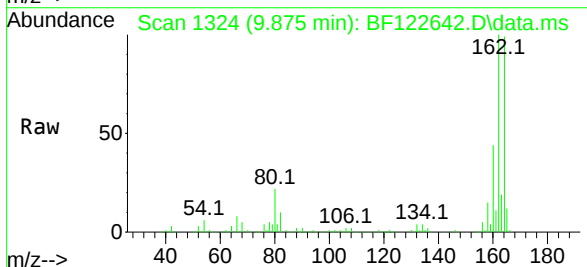
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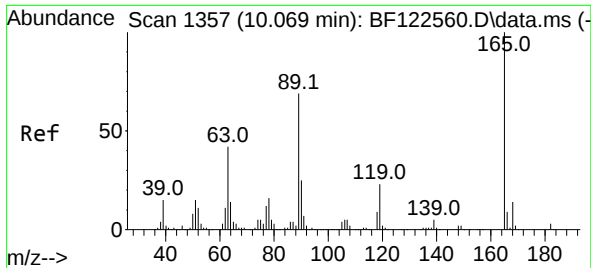
Tgt Ion:163 Resp: 99722  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.4 5.0  
164 10.0 8.1 12.1



#51  
2,6-Dinitrotoluene  
Concen: 7.43 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. 0.206 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

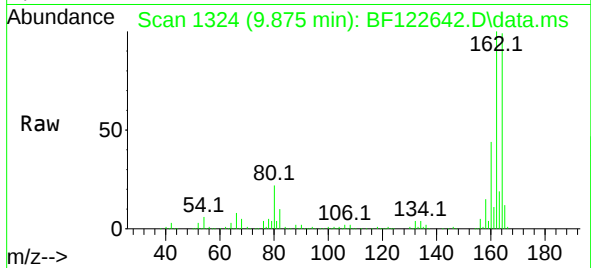
Tgt Ion:165 Resp: 52748  
Ion Ratio Lower Upper  
165 100  
63 1.2 36.6 55.0#  
89 1.9 39.4 59.0#



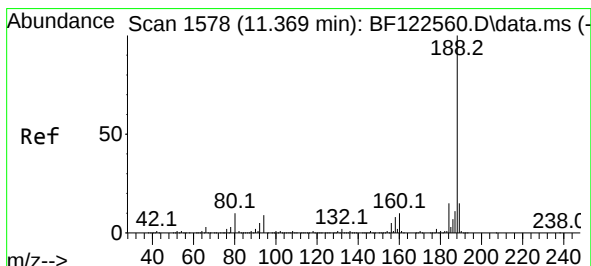
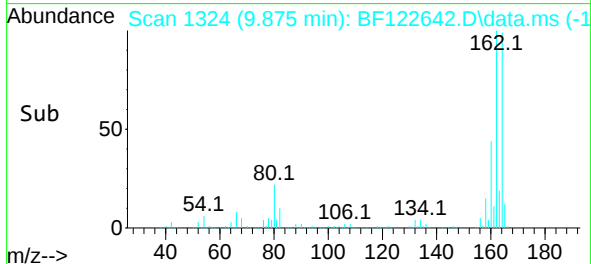
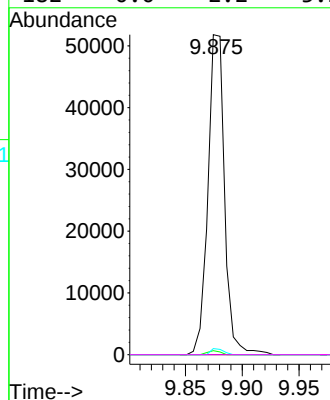


#57  
2,4-Dinitrotoluene  
Concen: 5.58 ng  
RT: 9.875 min Scan# 1324  
Delta R.T. -0.194 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB

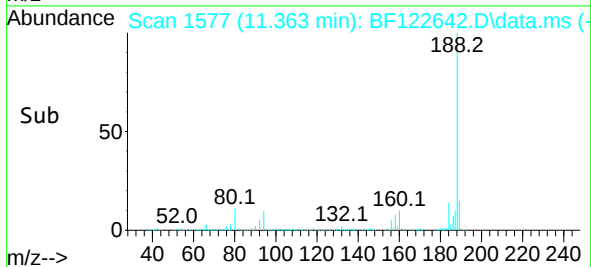
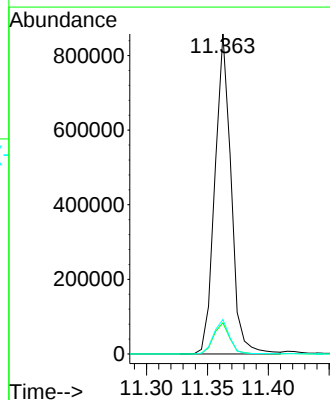
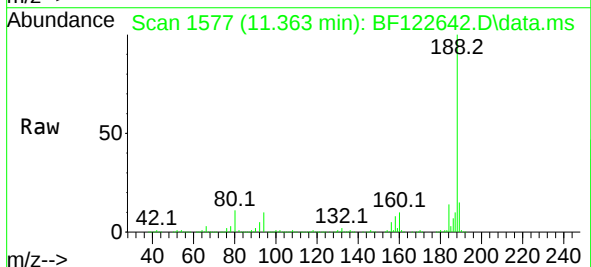


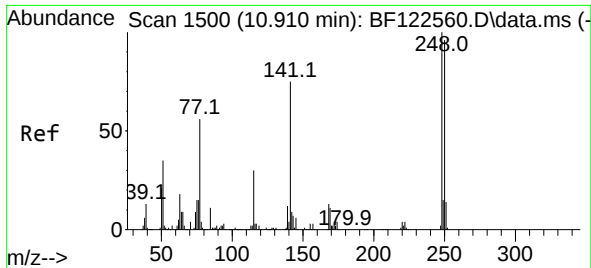
Tgt Ion:165 Resp: 52748  
Ion Ratio Lower Upper  
165 100  
63 1.2 34.3 51.5#  
89 1.9 55.2 82.8#  
182 0.0 2.2 3.2#



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.363 min Scan# 1577  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Tgt Ion:188 Resp: 792253  
Ion Ratio Lower Upper  
188 100  
94 9.7 7.4 11.2  
80 10.8 8.2 12.4

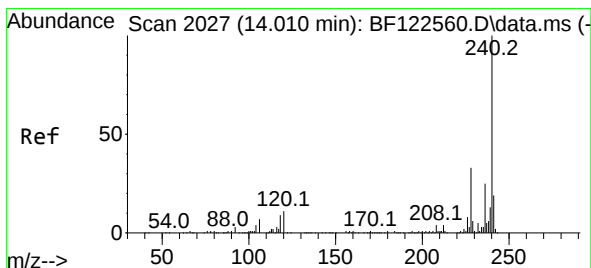
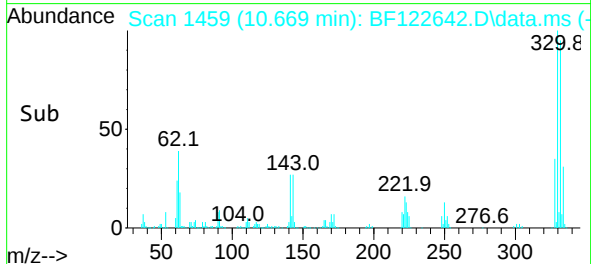
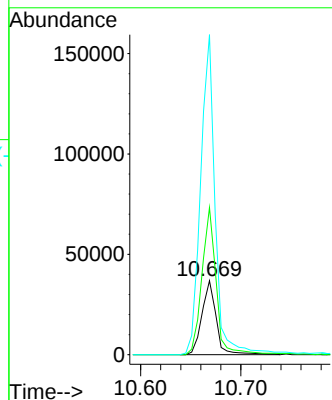
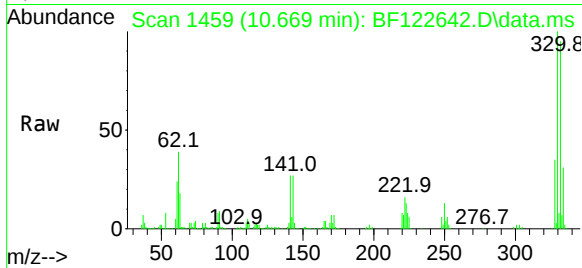




#67  
4-Bromophenyl-phenylether  
Concen: 3.41 ng  
RT: 10.669 min Scan# 1459  
Delta R.T. -0.241 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

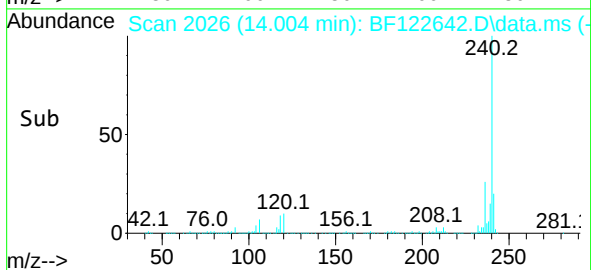
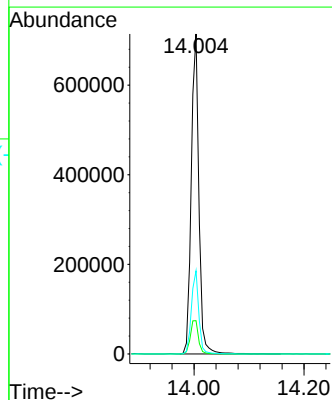
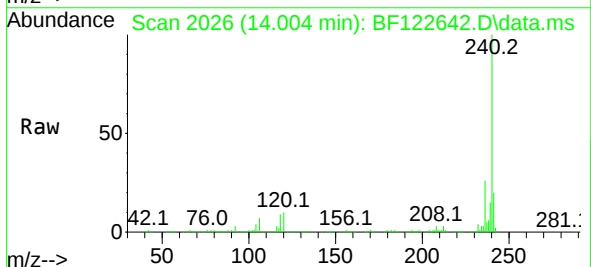
Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB

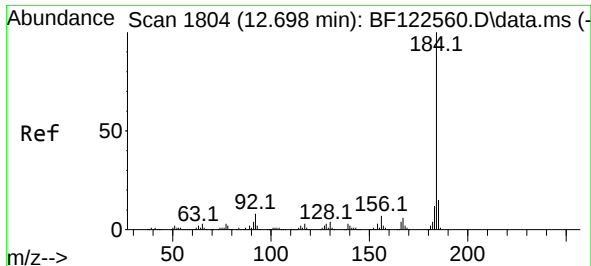
Tgt Ion:248 Resp: 36564  
Ion Ratio Lower Upper  
248 100  
250 199.1 76.8 115.2#  
141 432.8 59.8 89.8#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.004 min Scan# 2026  
Delta R.T. -0.006 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Tgt Ion:240 Resp: 684855  
Ion Ratio Lower Upper  
240 100  
120 10.4 8.6 12.8  
236 26.0 20.3 30.5

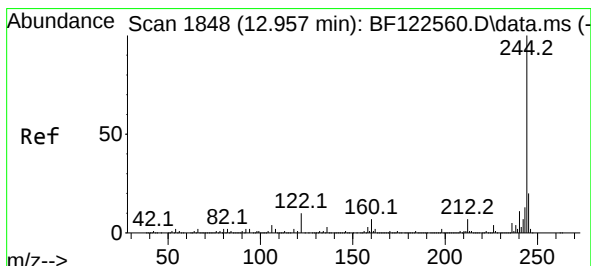
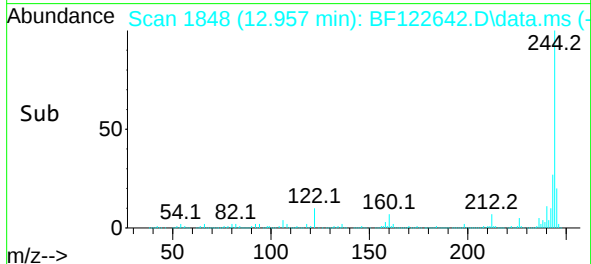
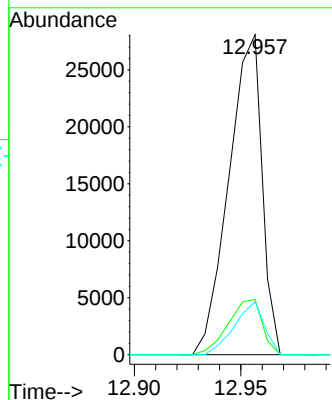
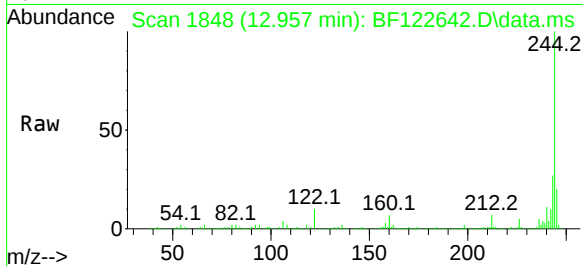




#77  
Benzidine  
Concen: 2.06 ng  
RT: 12.957 min Scan# 1848  
Delta R.T. 0.259 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

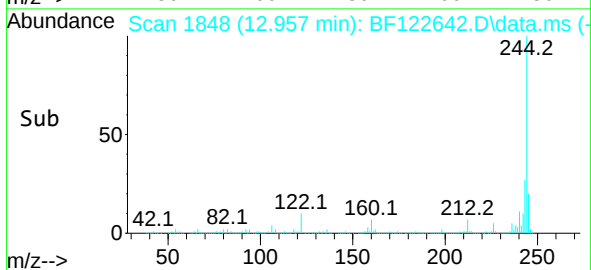
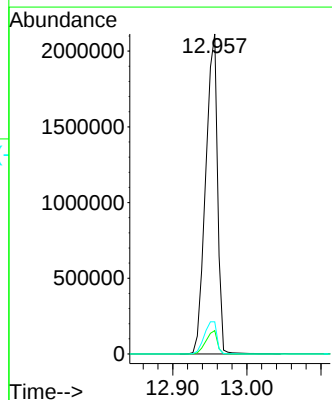
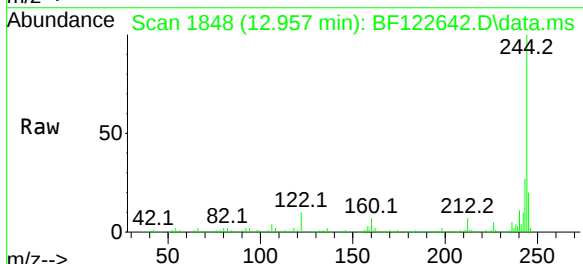
Instrument :  
BNA\_F  
ClientSampleId :  
PB133474TB

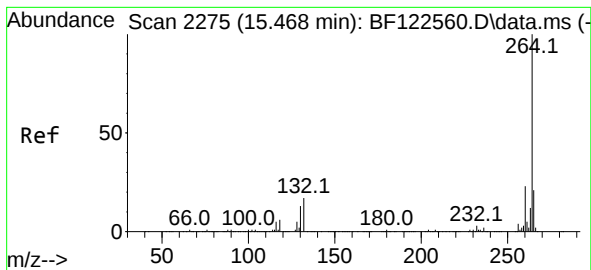
Tgt Ion:184 Resp: 30448  
Ion Ratio Lower Upper  
184 100  
185 17.3 11.8 17.6  
183 16.6 9.7 14.5#



#79  
Terphenyl-d14  
Concen: 60.09 ng  
RT: 12.957 min Scan# 1848  
Delta R.T. -0.000 min  
Lab File: BF122642.D  
Acq: 10 Dec 2020 11:50

Tgt Ion:244 Resp: 2351035  
Ion Ratio Lower Upper  
244 100  
212 7.3 5.7 8.5  
122 10.0 8.3 12.5





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.468 min Scan# 2275  
 Delta R.T. -0.000 min  
 Lab File: BF122642.D  
 Acq: 10 Dec 2020 11:50

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133474TB

Tgt Ion:264 Resp: 611639  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 28.0  
 265 21.8 17.0 25.6

