

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF113020\  
 Data File : BF122503.D  
 Acq On : 30 Nov 2020 12:19  
 Operator : JU/CG  
 Sample : PB133297BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133297BL

Quant Time: Nov 30 12:54:55 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF110920.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Nov 24 14:38:56 2020  
 Response via : Initial Calibration

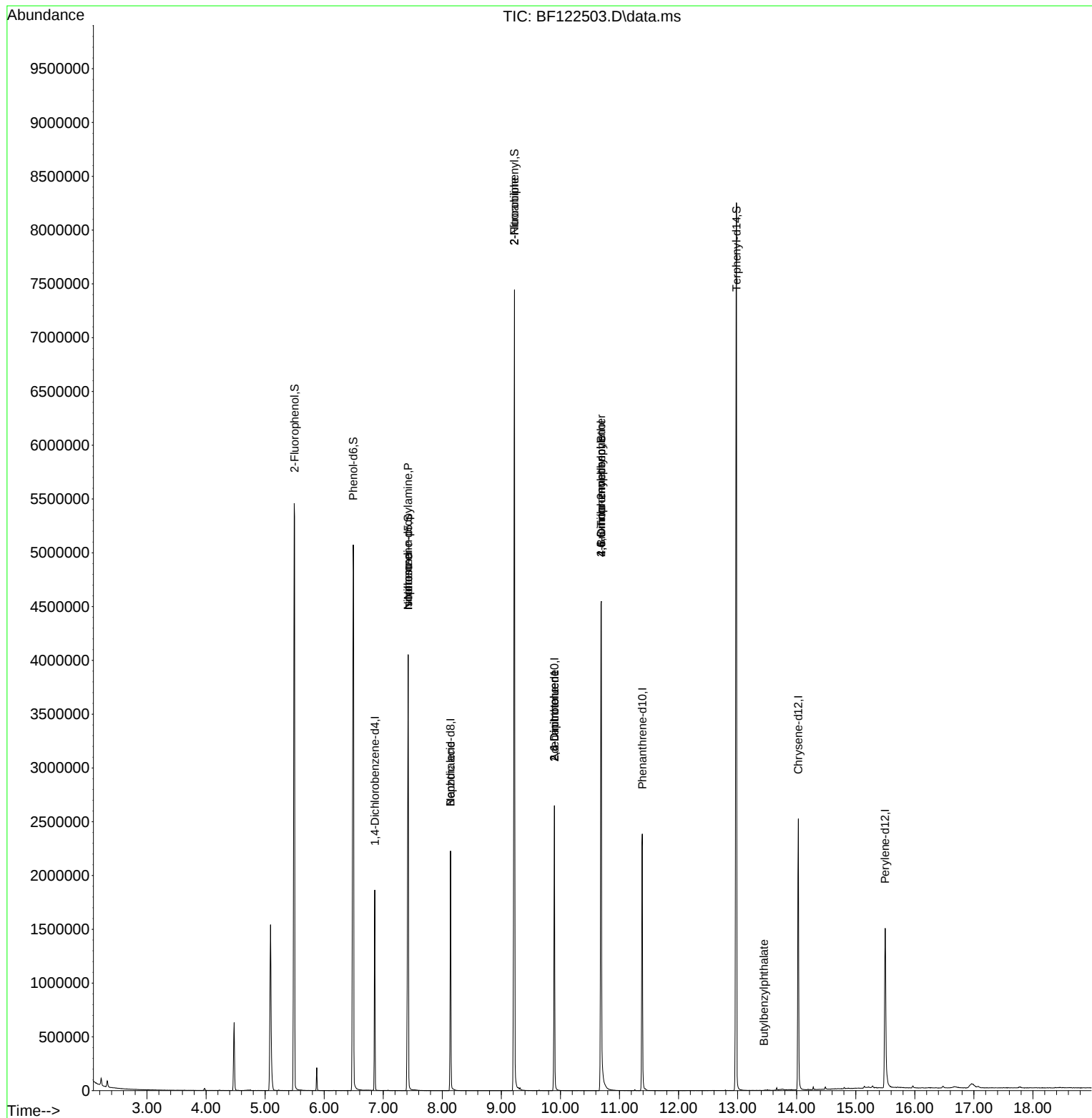
| Compound                      | R.T.   | QIon | Response | Conc      | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|--------|----------|
| -----                         |        |      |          |           |        |          |
| Internal Standards            |        |      |          |           |        |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 260358   | 20.00     | ng     | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 1013170  | 20.00     | ng     | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 547216   | 20.00     | ng     | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 1041393  | 20.00     | ng     | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 932334   | 20.00     | ng     | 0.00     |
| 86) Perylene-d12              | 15.498 | 264  | 858929   | 20.00     | ng     | 0.00     |
| System Monitoring Compounds   |        |      |          |           |        |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1926042  | 113.59    | ng     | 0.02     |
| 7) Phenol-d6                  | 6.492  | 99   | 2453261  | 110.60    | ng     | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 1560182  | 94.27     | ng     | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 788193   | 134.20    | ng     | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 2715356  | 77.53     | ng     | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3168160  | 71.99     | ng     | 0.00     |
| Target Compounds              |        |      |          |           |        |          |
|                               |        |      |          |           | Qvalue |          |
| 9) Benzaldehyde               | 6.404  | 77   | 341      | Below Cal | #      | 45       |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 210974   | 15.92     | ng     | # 75     |
| 25) Isophorone                | 7.422  | 82   | 1539323  | 41.72     | ng     | # 67     |
| 32) Benzoic acid              | 8.139  | 122  | 120      | 7.97      | ng     | # 1      |
| 48) 2-Nitroaniline            | 9.222  | 65   | 4596     | 5.57      | ng     | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.898  | 165  | 70842    | 11.35     | ng     | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.898  | 165  | 70842    | 10.57     | ng     | # 20     |
| 65) 4,6-Dinitro-2-methylph... | 10.692 | 198  | 1696     | 6.62      | ng     | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 50942    | 4.16      | ng     | # 1      |
| 80) Butylbenzylphthalate      | 13.445 | 149  | 117      | 3.29      | ng     | # 21     |
| -----                         |        |      |          |           |        |          |

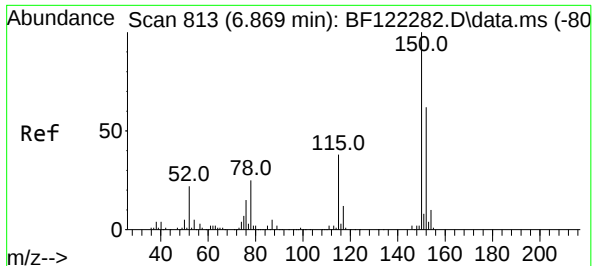
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF113020\  
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Quant Time: Nov 30 12:54:55 2020  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
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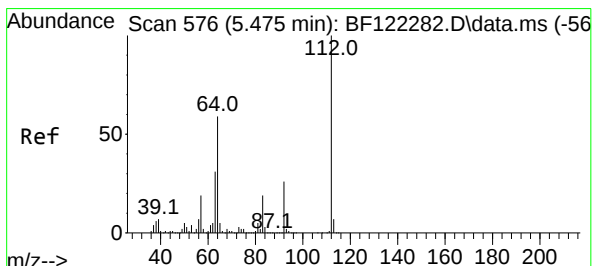
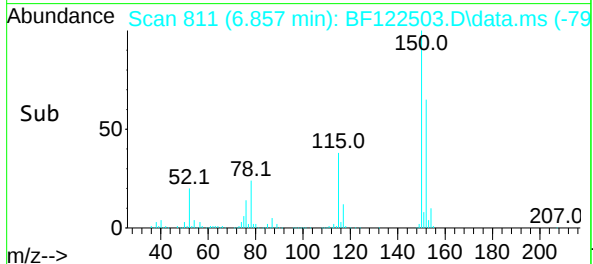
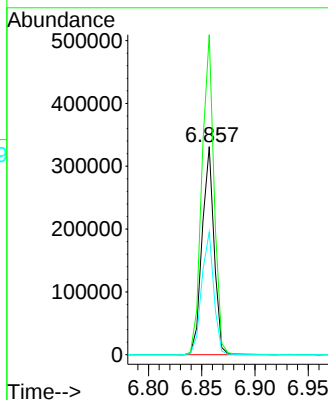
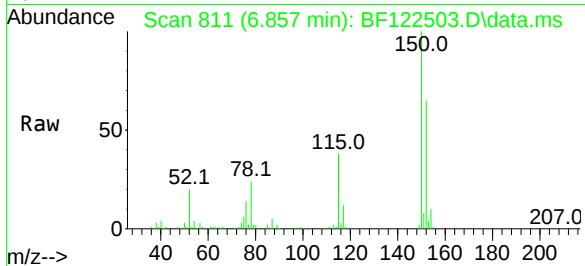




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

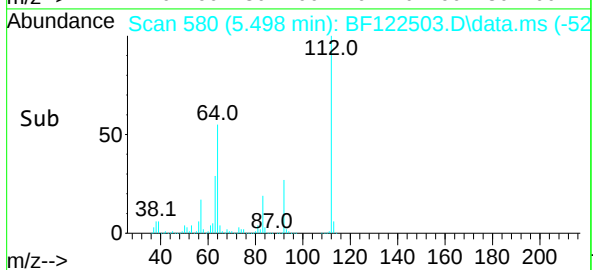
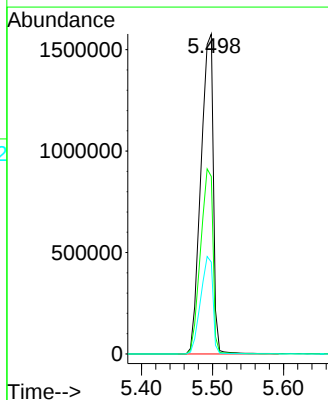
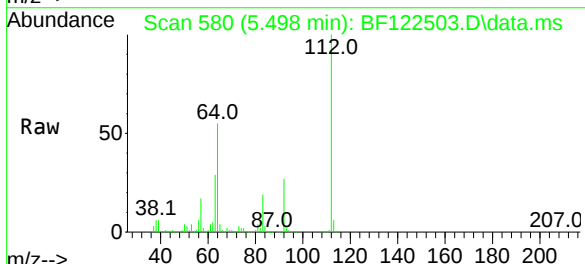
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

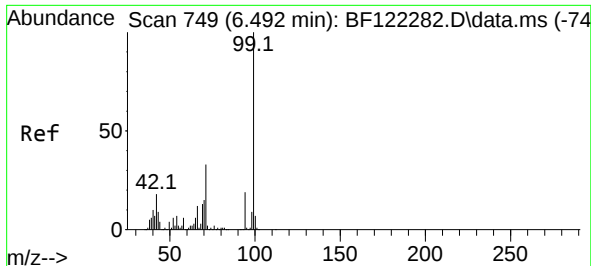
Tgt Ion:152 Resp: 260358  
Ion Ratio Lower Upper  
152 100  
150 153.8 125.3 187.9  
115 58.9 51.9 77.9



#5  
2-Fluorophenol  
Concen: 113.59 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.017 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion:112 Resp: 1926042  
Ion Ratio Lower Upper  
112 100  
64 55.4 50.4 75.6  
63 28.7 25.8 38.6

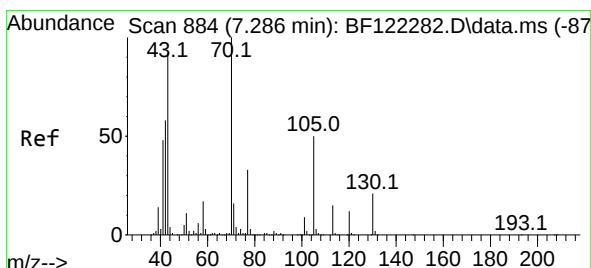
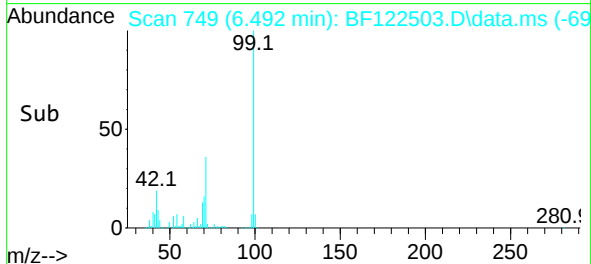
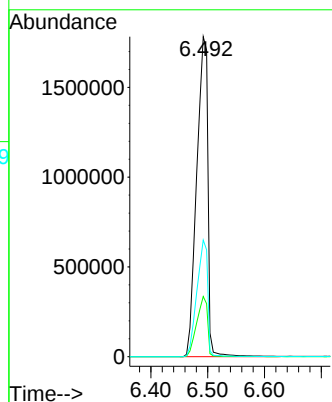
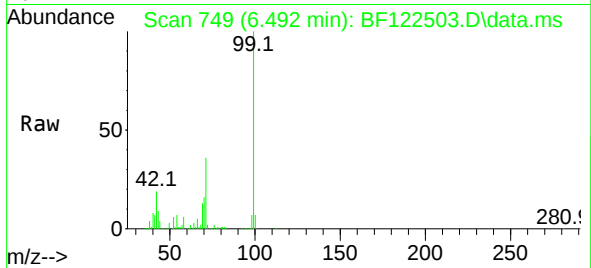




#7  
Phenol-d6  
Concen: 110.60 ng  
RT: 6.492 min Scan# 749  
Delta R.T. -0.006 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

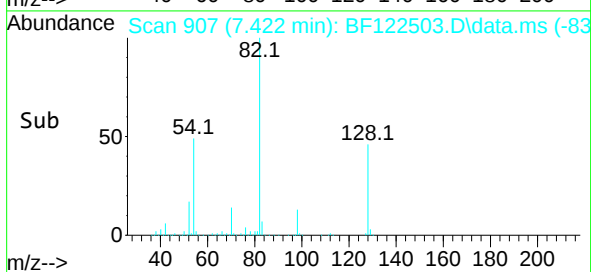
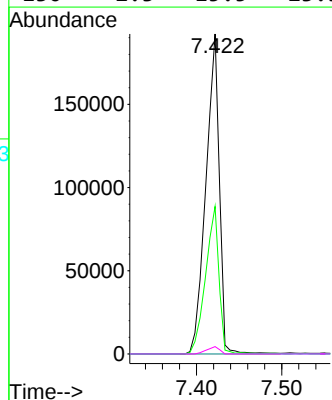
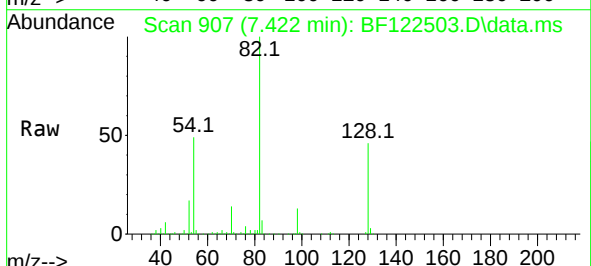
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

Tgt Ion: 99 Resp: 2453261  
Ion Ratio Lower Upper  
99 100  
42 18.8 15.9 23.9  
71 36.4 27.1 40.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.92 ng  
RT: 7.422 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion: 70 Resp: 210974  
Ion Ratio Lower Upper  
70 100  
42 46.1 50.2 75.4#  
101 0.0 7.5 11.3#  
130 2.3 15.5 23.3#



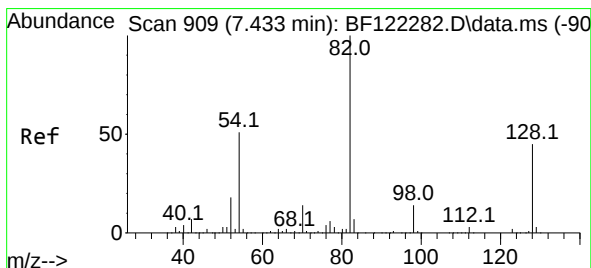
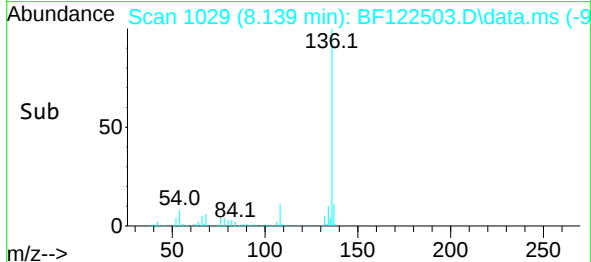
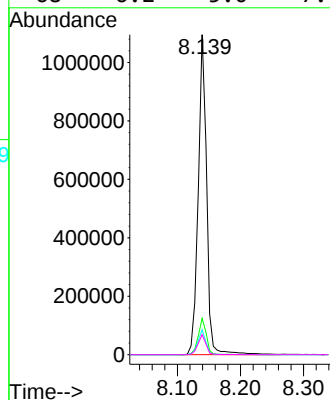
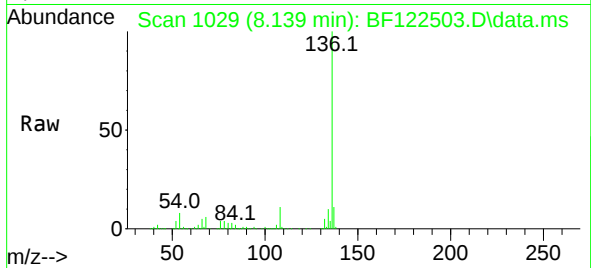


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

Tgt Ion:136 Resp: 1013170

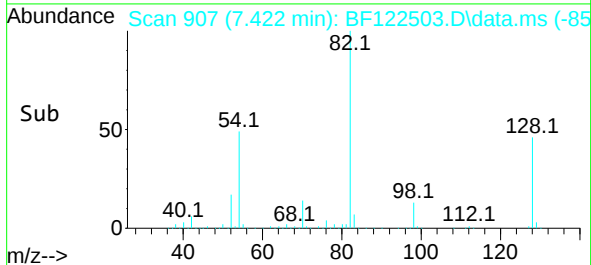
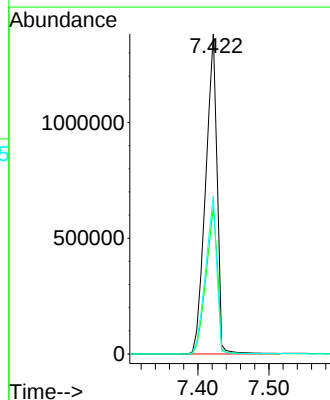
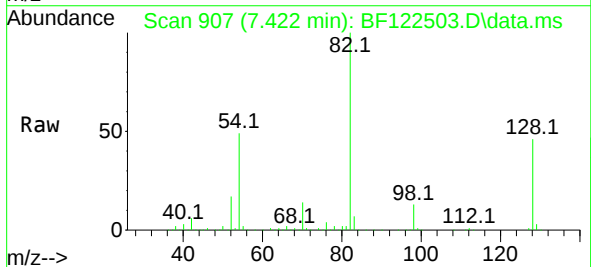
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 11.3  | 8.6   | 13.0  |
| 54  | 7.8   | 7.1   | 10.7  |
| 68  | 6.2   | 5.0   | 7.4   |

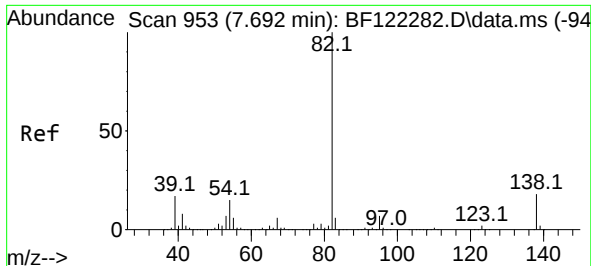


#23  
Nitrobenzene-d5  
Concen: 94.27 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion: 82 Resp: 1560182

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.0  | 35.0  | 52.4  |
| 54  | 49.3  | 43.9  | 65.9  |

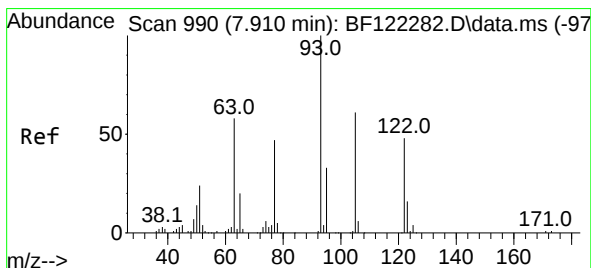
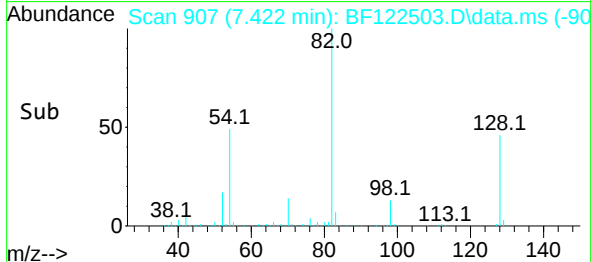
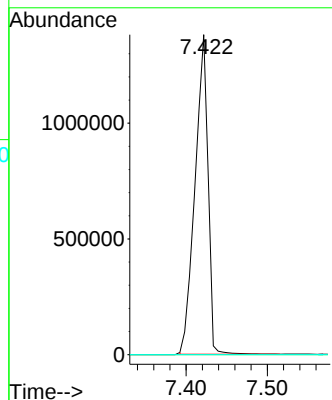
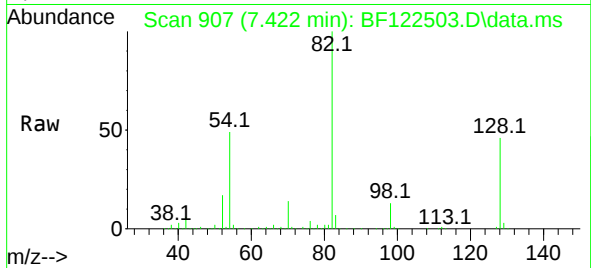




#25  
Isophorone  
Concen: 41.72 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.265 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

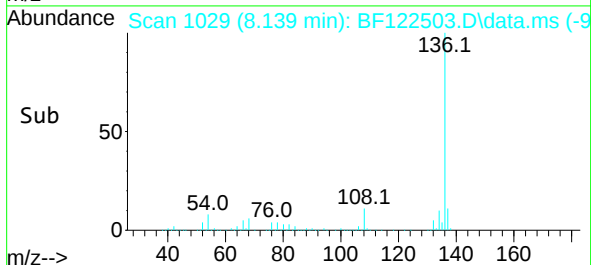
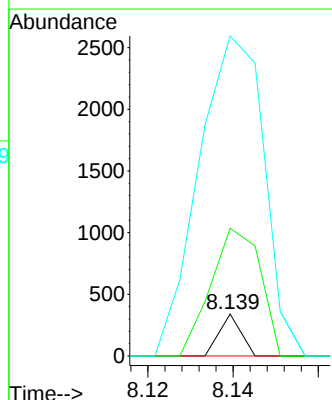
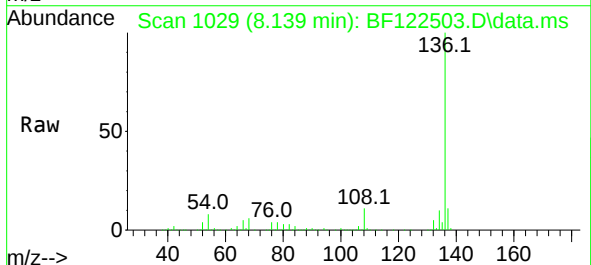
Instrument :  
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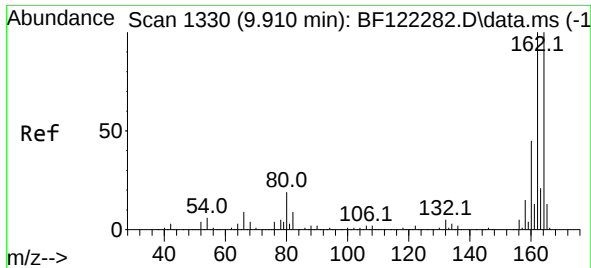
Tgt Ion: 82 Resp: 1539323  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 13.4 20.0#



#32  
Benzoic acid  
Concen: 7.97 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.206 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

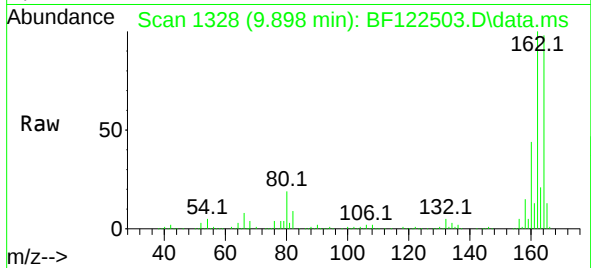
Tgt Ion:122 Resp: 120  
Ion Ratio Lower Upper  
122 100  
105 304.4 103.3 143.3#  
77 763.2 73.9 113.9#



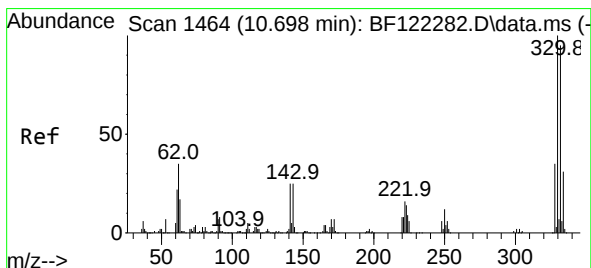
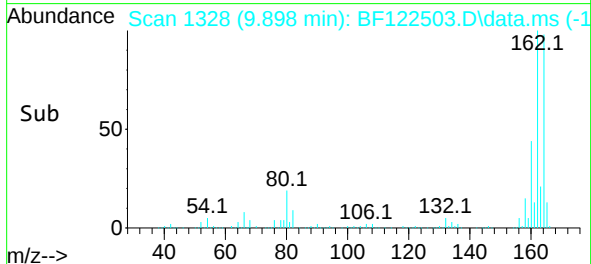
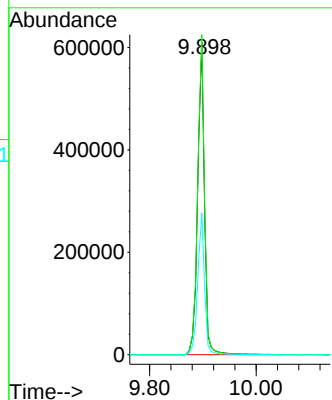


#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

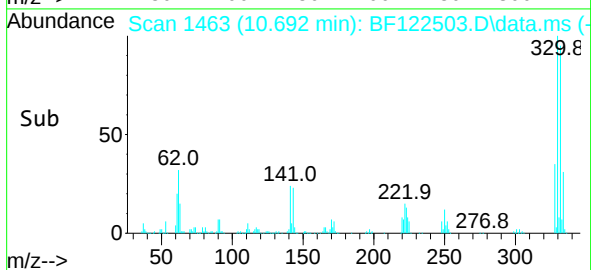
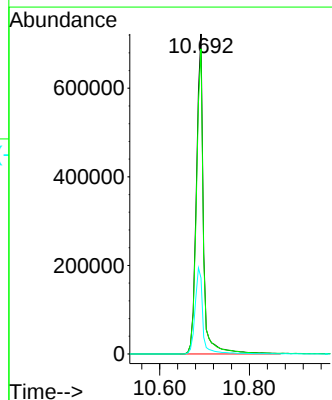
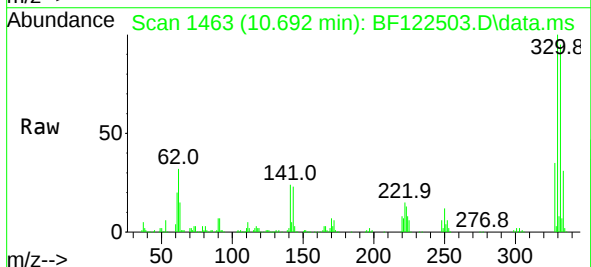


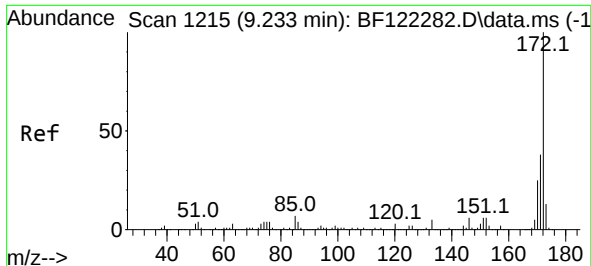
Tgt Ion:164 Resp: 547216  
Ion Ratio Lower Upper  
164 100  
162 102.5 83.2 124.8  
160 45.4 37.5 56.3



#42  
2,4,6-Tribromophenol  
Concen: 134.20 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion:330 Resp: 788193  
Ion Ratio Lower Upper  
330 100  
332 95.4 77.3 115.9  
141 29.7 22.3 33.5

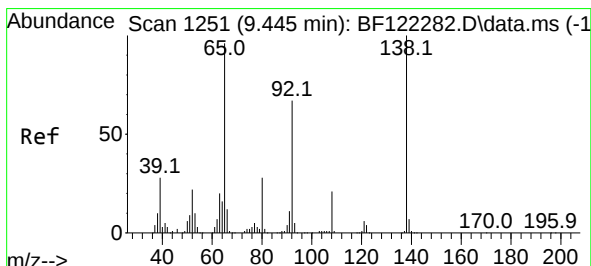
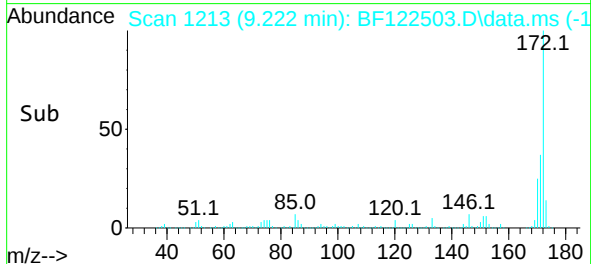
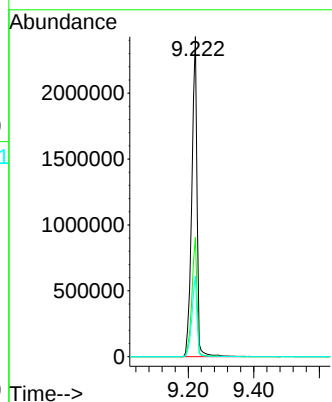
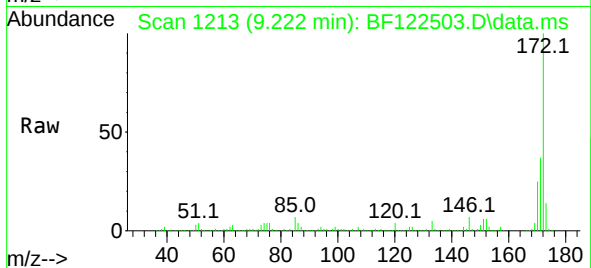




#45  
2-Fluorobiphenyl  
Concen: 77.53 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

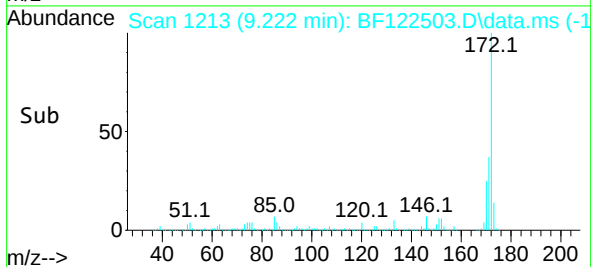
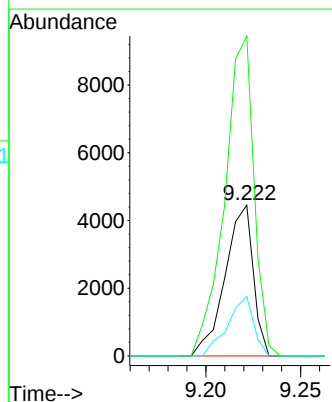
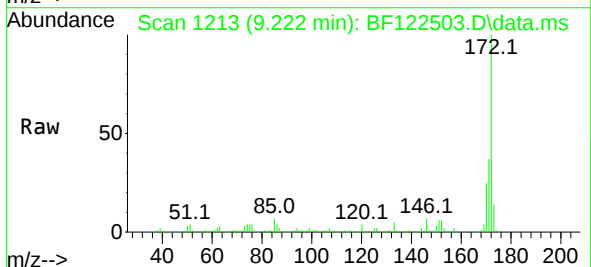
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

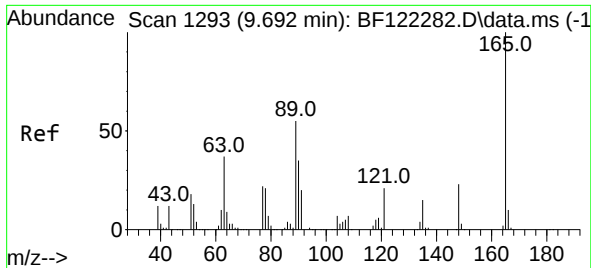
Tgt Ion:172 Resp: 2715356  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.1 43.7  
170 25.2 19.8 29.6



#48  
2-Nitroaniline  
Concen: 5.57 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.224 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion: 65 Resp: 4596  
Ion Ratio Lower Upper  
65 100  
92 212.1 55.1 82.7#  
138 39.3 80.5 120.7#

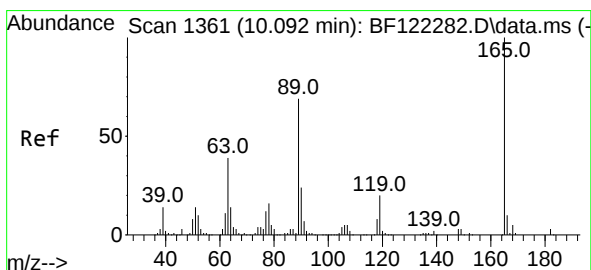
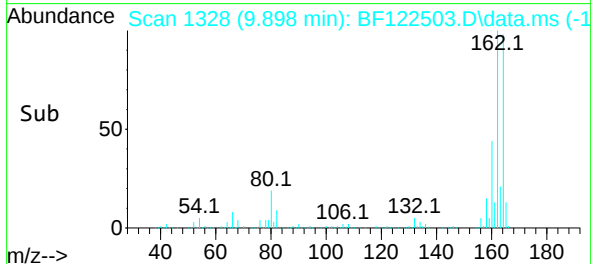
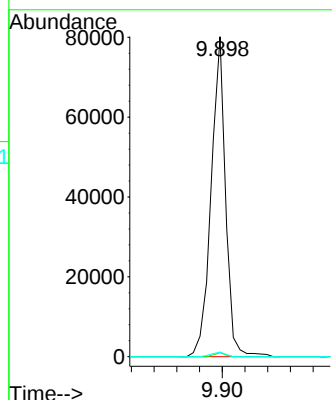
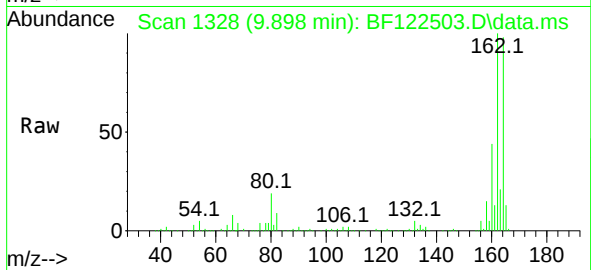




#51  
2,6-Dinitrotoluene  
Concen: 11.35 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.212 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

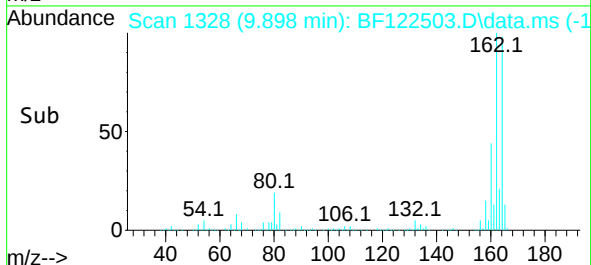
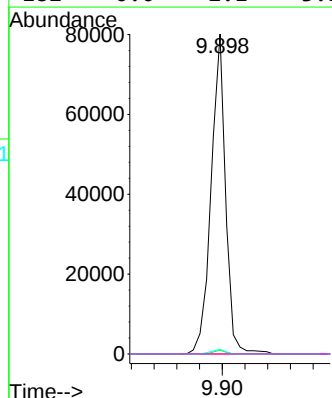
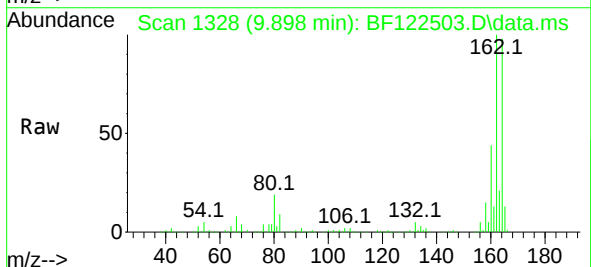
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

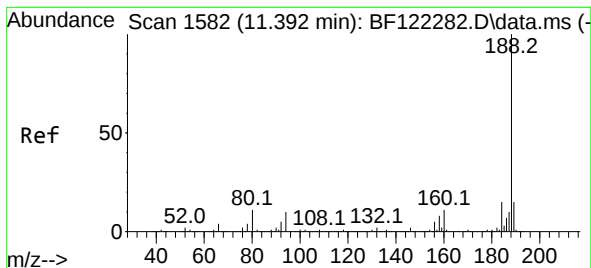
Tgt Ion:165 Resp: 70842  
Ion Ratio Lower Upper  
165 100  
63 1.2 51.8 77.6#  
89 1.4 49.0 73.6#



#57  
2,4-Dinitrotoluene  
Concen: 10.57 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.188 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion:165 Resp: 70842  
Ion Ratio Lower Upper  
165 100  
63 1.2 41.3 61.9#  
89 1.4 61.8 92.8#  
182 0.0 2.1 3.1#

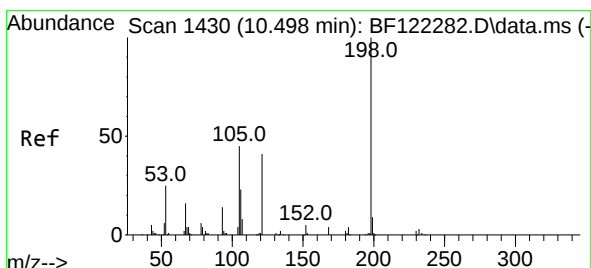
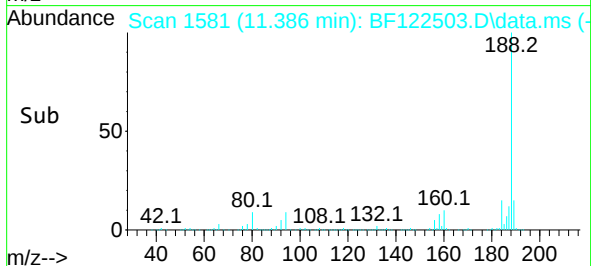
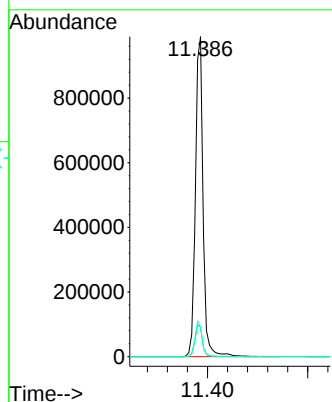
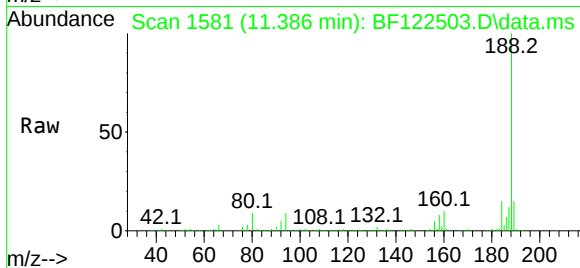




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

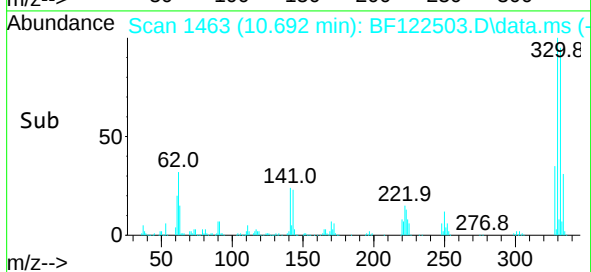
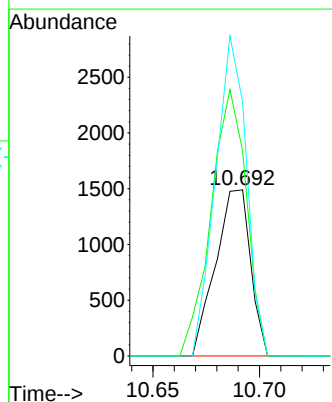
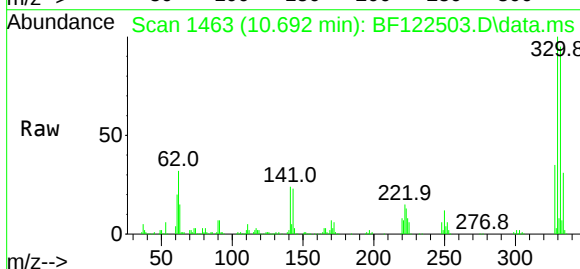
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

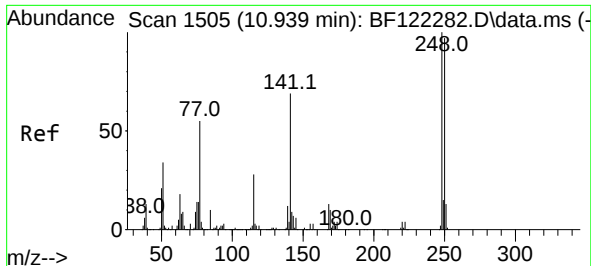
Tgt Ion:188 Resp: 1041393  
Ion Ratio Lower Upper  
188 100  
94 9.1 8.3 12.5  
80 9.3 9.1 13.7



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.62 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.194 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion:198 Resp: 1696  
Ion Ratio Lower Upper  
198 100  
51 123.5 29.6 69.6#  
105 153.0 24.4 64.4#

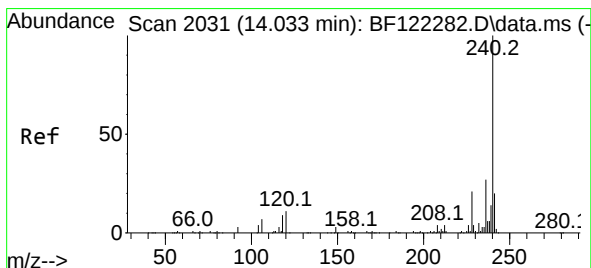
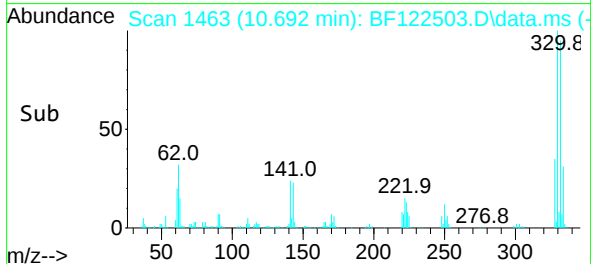
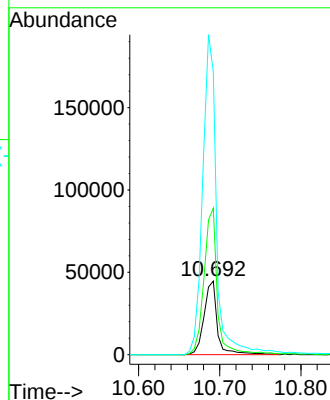
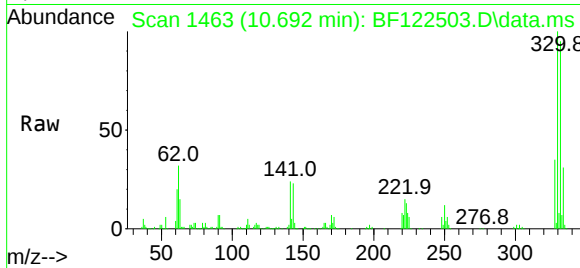




#67  
4-Bromophenyl-phenylether  
Concen: 4.16 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.241 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

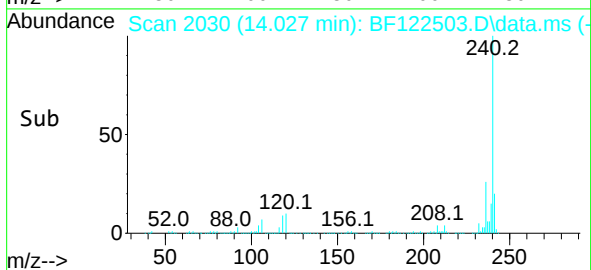
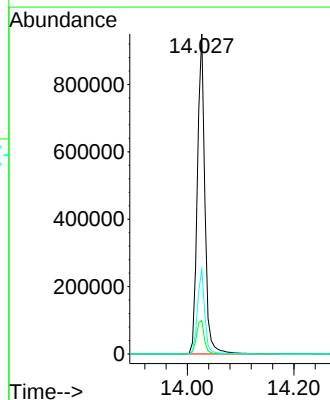
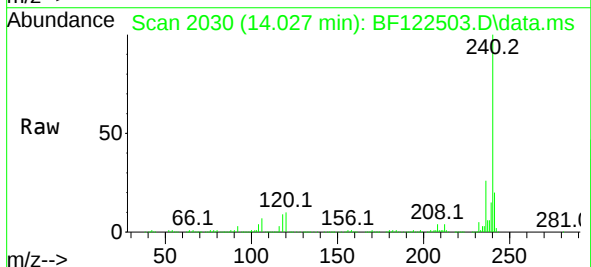
Instrument :  
BNA\_F  
ClientSampleId :  
PB133297BL

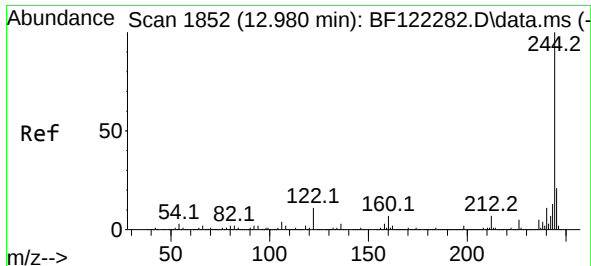
Tgt Ion:248 Resp: 50942  
Ion Ratio Lower Upper  
248 100  
250 199.1 77.0 115.6#  
141 384.0 53.7 80.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF122503.D  
Acq: 30 Nov 2020 12:19

Tgt Ion:240 Resp: 932334  
Ion Ratio Lower Upper  
240 100  
120 10.5 9.2 13.8  
236 26.4 20.9 31.3

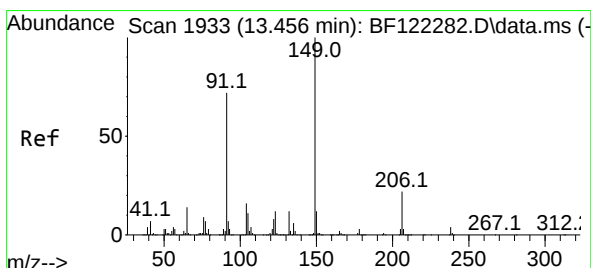
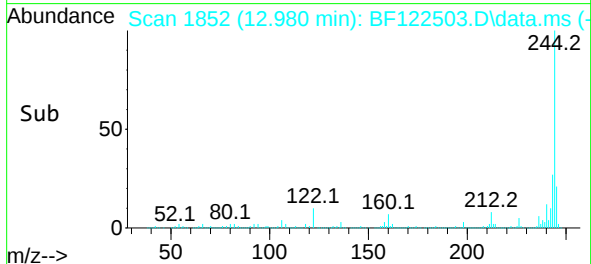
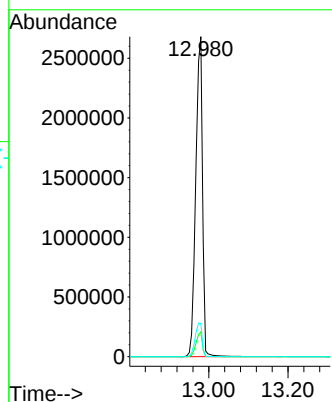
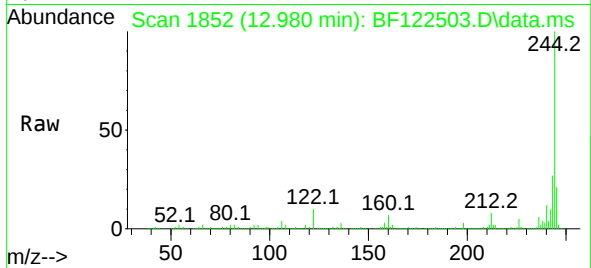




#79  
 Terphenyl-d14  
 Concen: 71.99 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.006 min  
 Lab File: BF122503.D  
 Acq: 30 Nov 2020 12:19

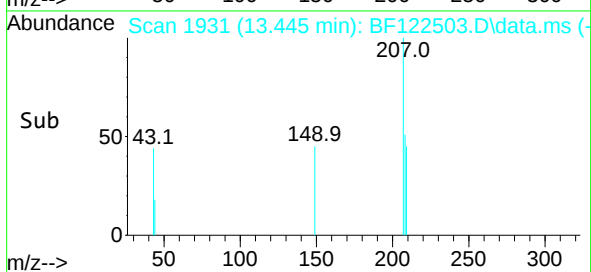
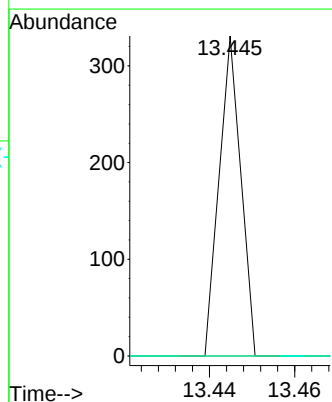
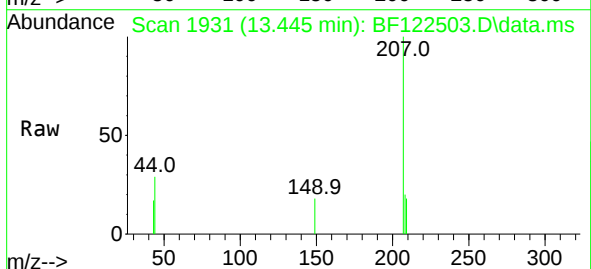
Instrument :  
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 ClientSampleId :  
 PB133297BL

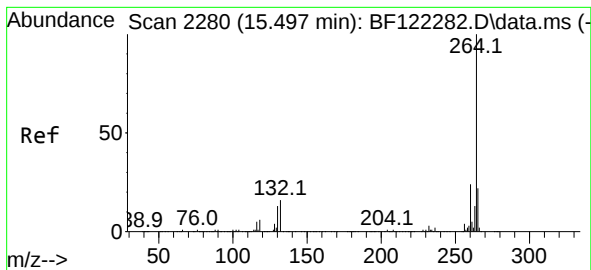
Tgt Ion:244 Resp: 3168160  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 5.4 8.2  
 122 10.4 8.1 12.1



#80  
 Butylbenzylphthalate  
 Concen: 3.29 ng  
 RT: 13.445 min Scan# 1931  
 Delta R.T. -0.006 min  
 Lab File: BF122503.D  
 Acq: 30 Nov 2020 12:19

Tgt Ion:149 Resp: 117  
 Ion Ratio Lower Upper  
 149 100  
 91 0.0 61.0 91.4#  
 206 0.0 16.7 25.1#





#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.498 min Scan# 2280  
 Delta R.T. -0.006 min  
 Lab File: BF122503.D  
 Acq: 30 Nov 2020 12:19

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133297BL

Tgt Ion:264 Resp: 858929  
 Ion Ratio Lower Upper  
 264 100  
 260 23.7 18.7 28.1  
 265 22.1 17.3 25.9

