

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF120120\  
 Data File : BF122518.D  
 Acq On : 1 Dec 2020 12:44  
 Operator : JU/CG  
 Sample : PB133324BL  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133324BL

Quant Time: Dec 01 13:20:15 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

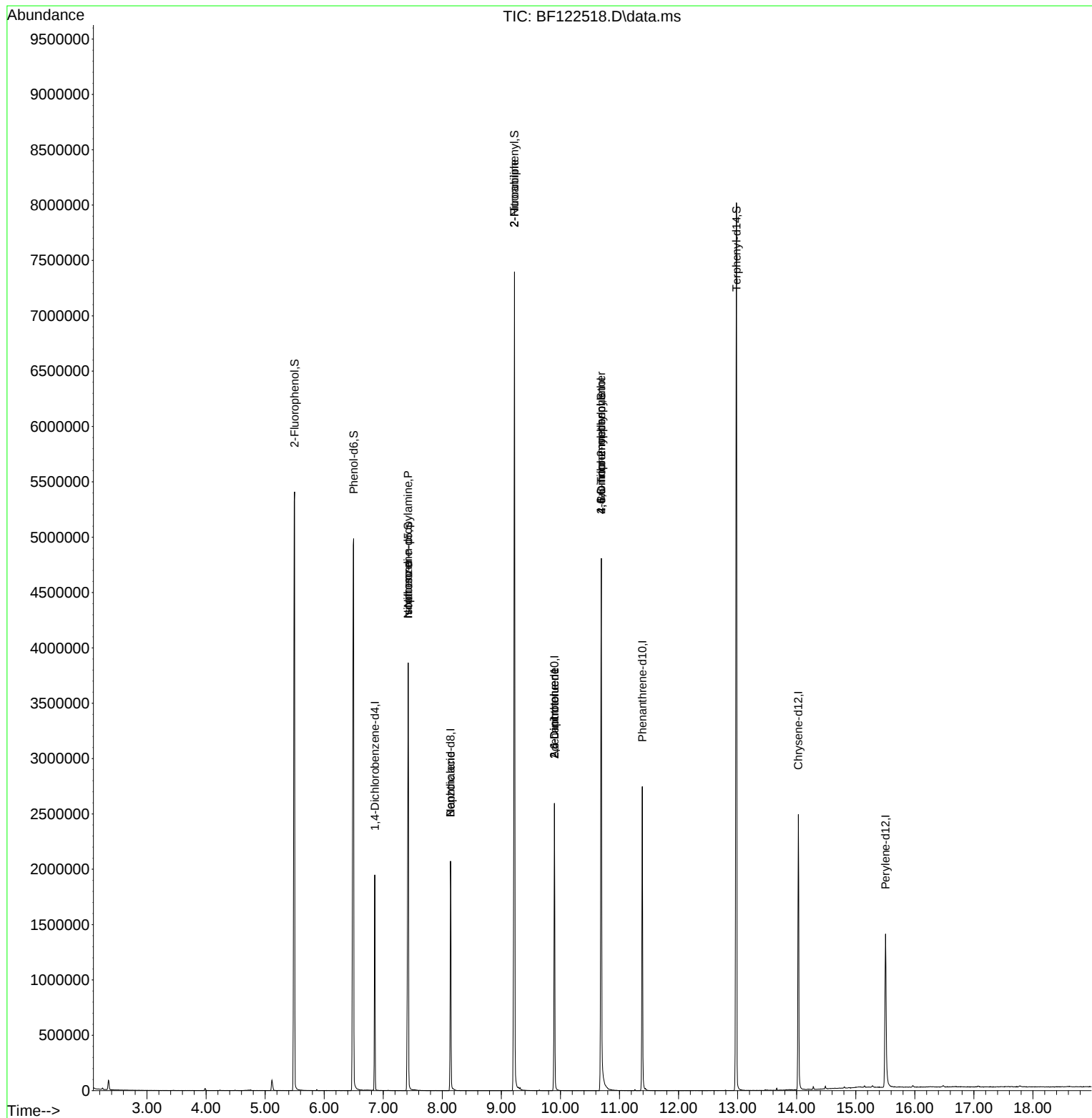
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.857  | 152  | 262266   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.139  | 136  | 1037300  | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.898  | 164  | 559832   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.386 | 188  | 1075346  | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 14.027 | 240  | 942993   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 15.504 | 264  | 806624   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.498  | 112  | 1867648  | 109.35    | ng    | 0.02     |
| 7) Phenol-d6                  | 6.498  | 99   | 2387123  | 106.83    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.422  | 82   | 1535282  | 90.61     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.692 | 330  | 783627   | 130.42    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.222  | 172  | 2681423  | 74.84     | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.980 | 244  | 3125981  | 70.23     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.498  | 77   | 3950     | Below Cal | #     | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.422  | 70   | 208998   | 15.65     | ng    | # 74     |
| 25) Isophorone                | 7.422  | 82   | 1515094  | 40.11     | ng    | # 67     |
| 32) Benzoic acid              | 8.139  | 122  | 121      | 7.97      | ng    | # 1      |
| 48) 2-Nitroaniline            | 9.222  | 65   | 4254     | 5.53      | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.898  | 165  | 72362    | 11.34     | ng    | # 20     |
| 57) 2,4-Dinitrotoluene        | 9.898  | 165  | 72363    | 10.57     | ng    | # 20     |
| 65) 4,6-Dinitro-2-methylph... | 10.692 | 198  | 1526     | 6.56      | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.692 | 248  | 48652    | 3.85      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

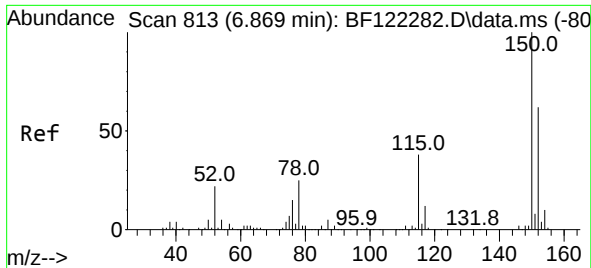
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 01 13:20:15 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  
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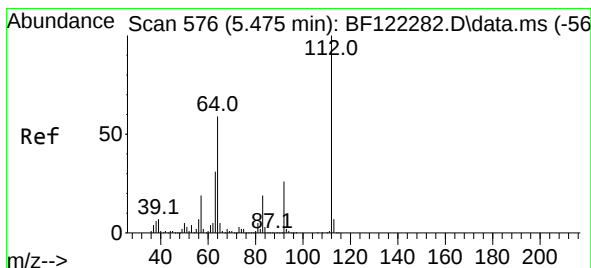
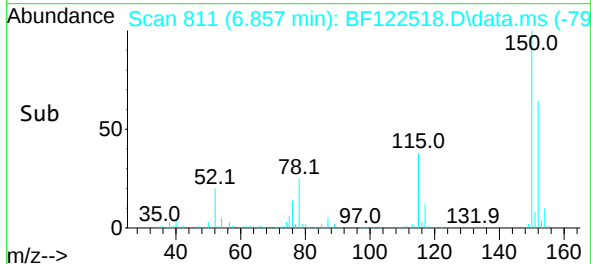
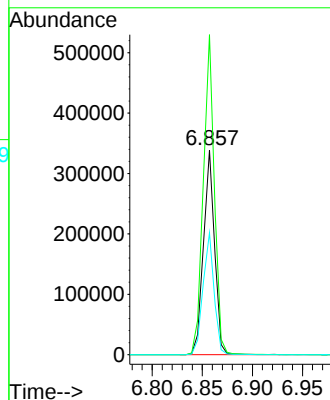
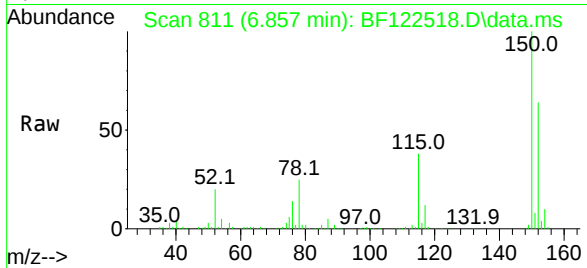




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.857 min Scan# 811  
Delta R.T. 0.000 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

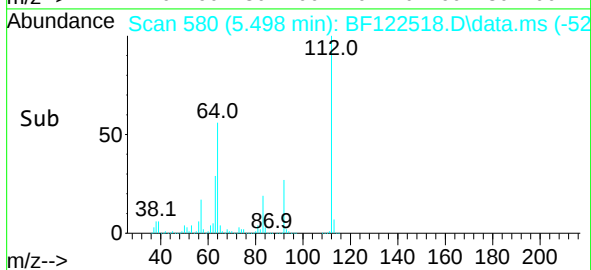
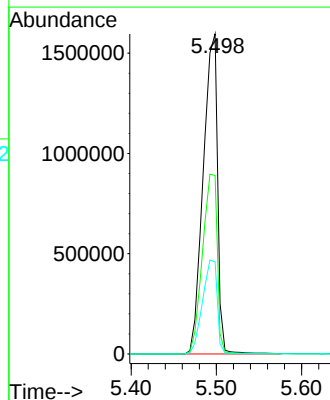
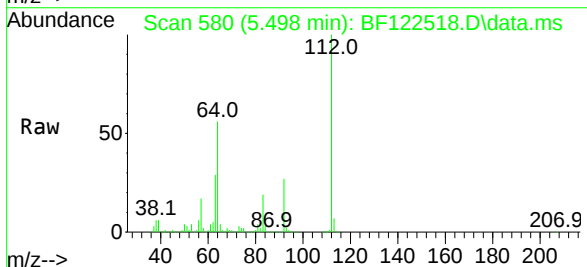
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ClientSampleId :  
PB133324BL

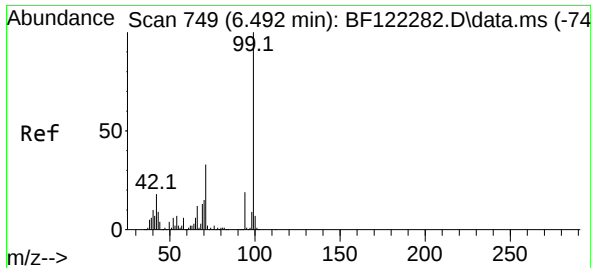
Tgt Ion:152 Resp: 262266  
Ion Ratio Lower Upper  
152 100  
150 156.3 125.3 187.9  
115 59.6 51.9 77.9



#5  
2-Fluorophenol  
Concen: 109.35 ng  
RT: 5.498 min Scan# 580  
Delta R.T. 0.018 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion:112 Resp: 1867648  
Ion Ratio Lower Upper  
112 100  
64 55.8 50.4 75.6  
63 28.8 25.8 38.6

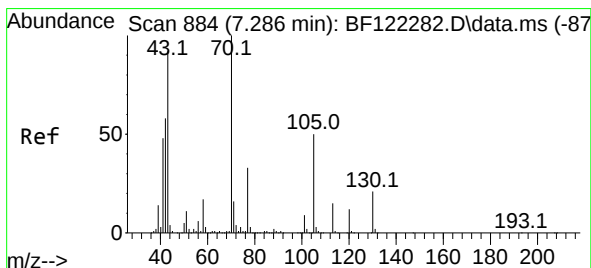
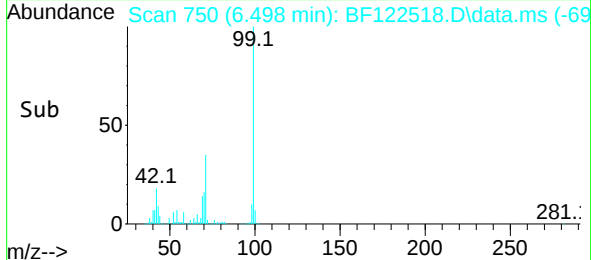
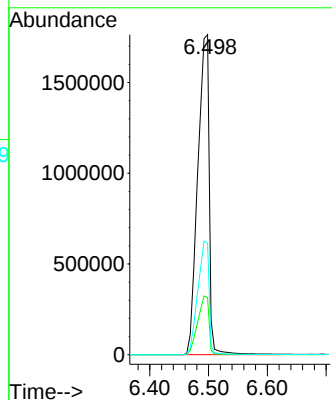
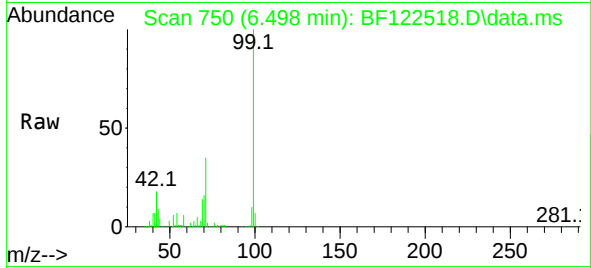




#7  
Phenol-d6  
Concen: 106.83 ng  
RT: 6.498 min Scan# 750  
Delta R.T. -0.000 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

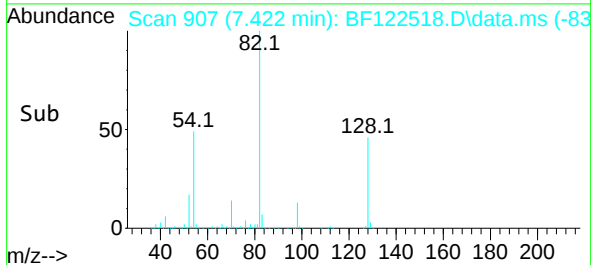
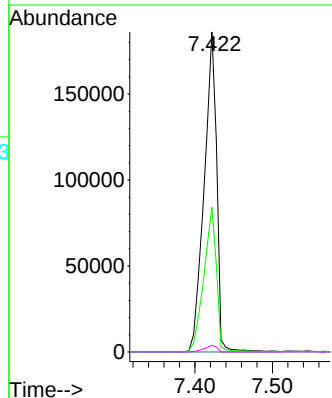
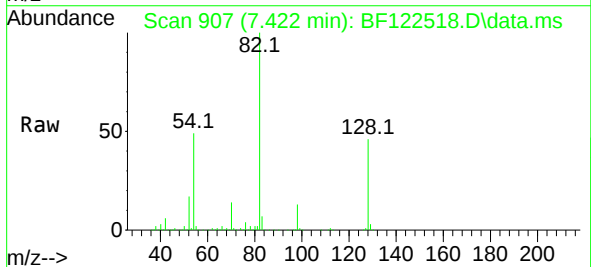
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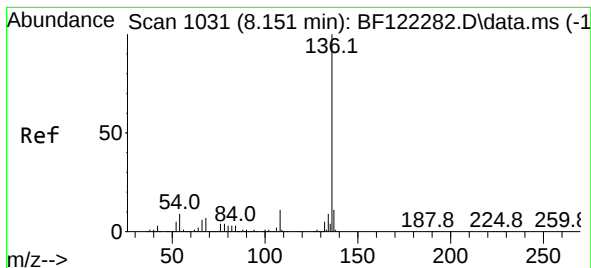
Tgt Ion: 99 Resp: 2387123  
Ion Ratio Lower Upper  
99 100  
42 17.8 15.9 23.9  
71 34.8 27.1 40.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 15.65 ng  
RT: 7.422 min Scan# 907  
Delta R.T. 0.141 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion: 70 Resp: 208998  
Ion Ratio Lower Upper  
70 100  
42 45.2 50.2 75.4#  
101 0.0 7.5 11.3#  
130 2.1 15.5 23.3#

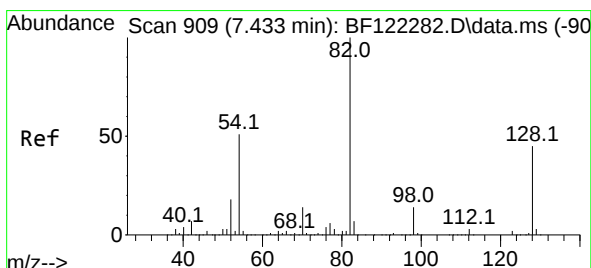
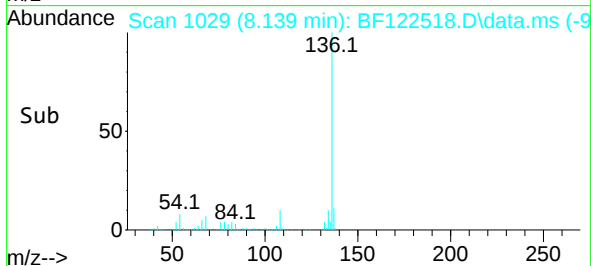
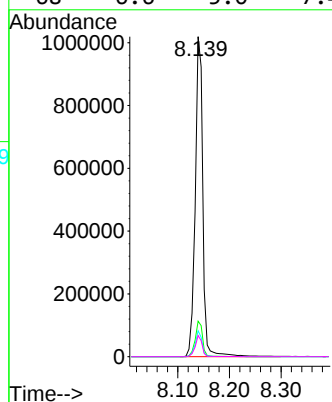
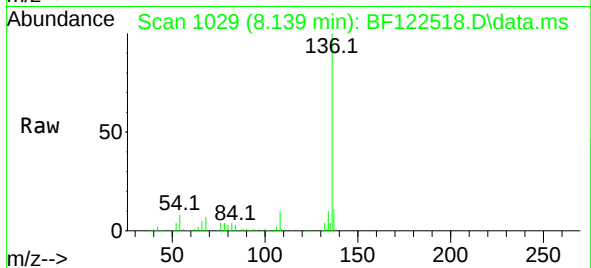




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. -0.006 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

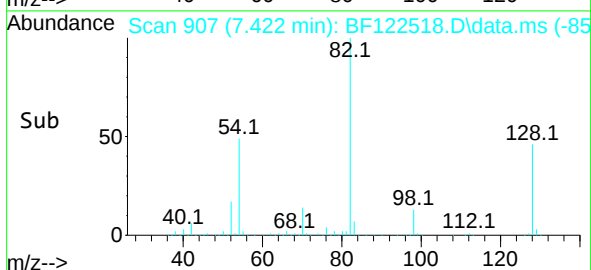
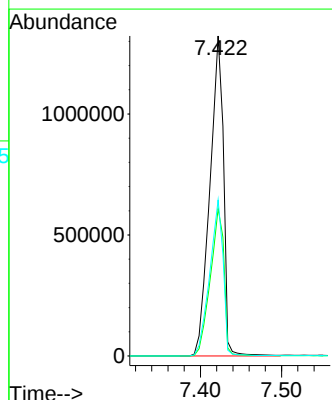
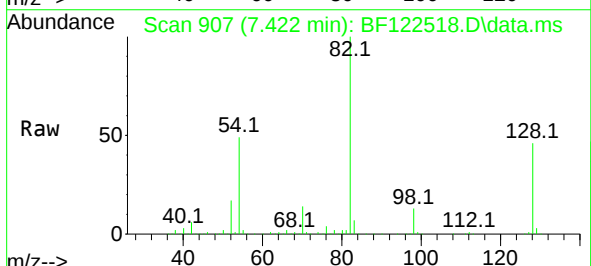
Instrument :  
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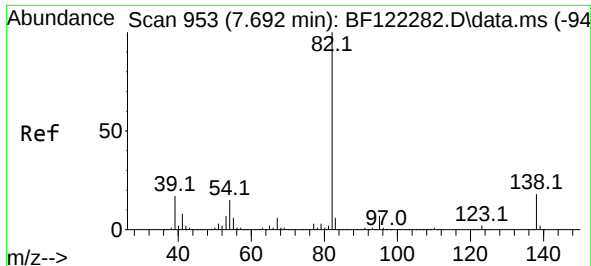
Tgt Ion:136 Resp: 1037300  
Ion Ratio Lower Upper  
136 100  
137 11.1 8.6 13.0  
54 8.1 7.1 10.7  
68 6.6 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 90.61 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.006 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion: 82 Resp: 1535282  
Ion Ratio Lower Upper  
82 100  
128 46.0 35.0 52.4  
54 48.8 43.9 65.9

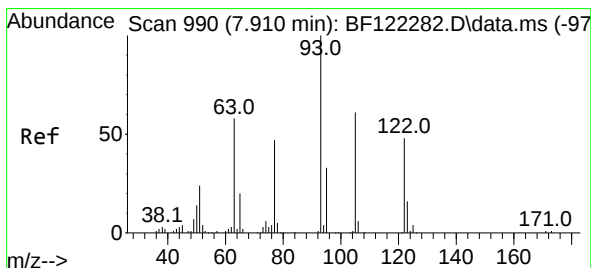
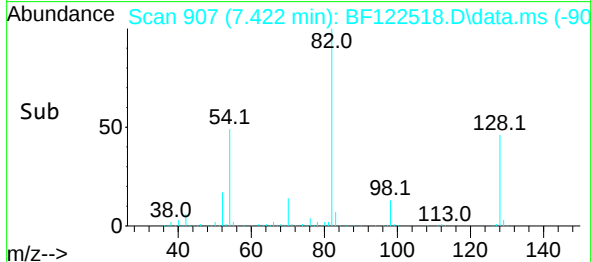
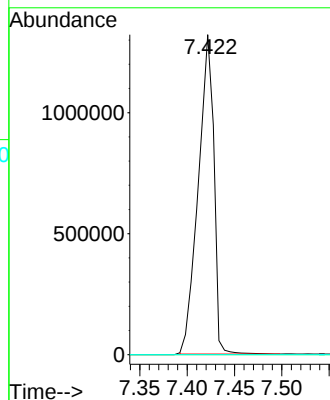
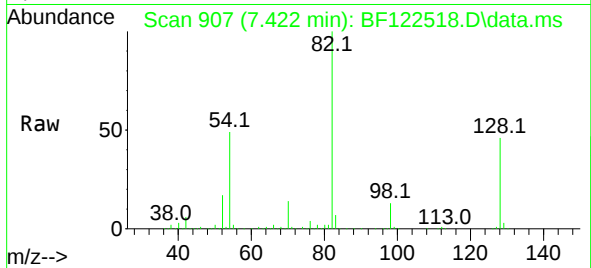




#25  
Isophorone  
Concen: 40.11 ng  
RT: 7.422 min Scan# 907  
Delta R.T. -0.265 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

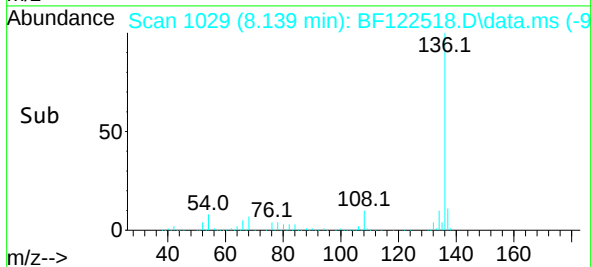
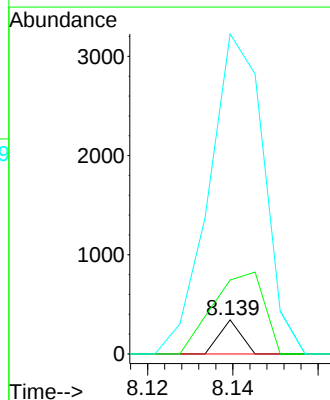
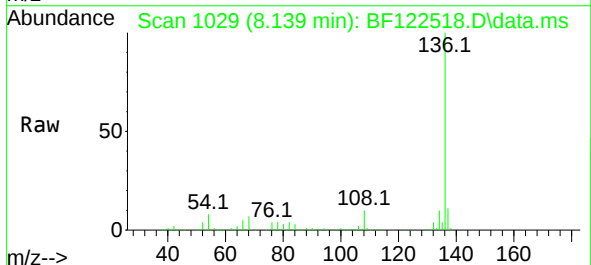
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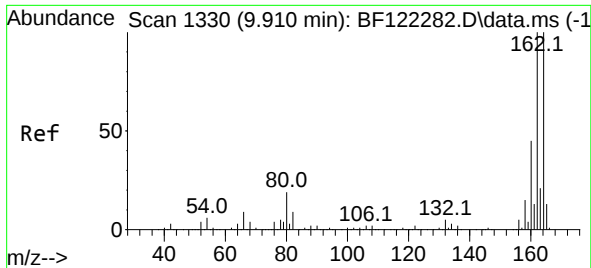
Tgt Ion: 82 Resp: 1515094  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 13.4 20.0#



#32  
Benzoic acid  
Concen: 7.97 ng  
RT: 8.139 min Scan# 1029  
Delta R.T. 0.206 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion:122 Resp: 121  
Ion Ratio Lower Upper  
122 100  
105 217.2 103.3 143.3#  
77 940.5 73.9 113.9#

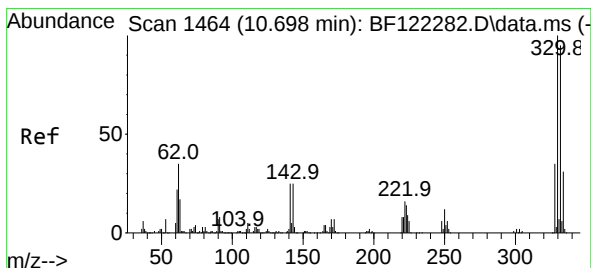
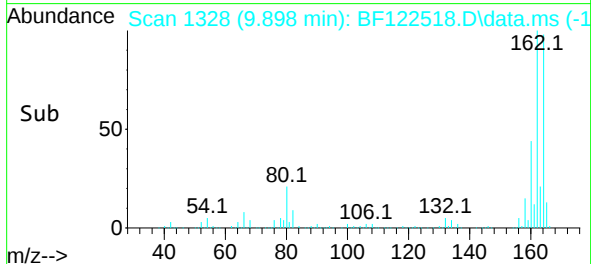
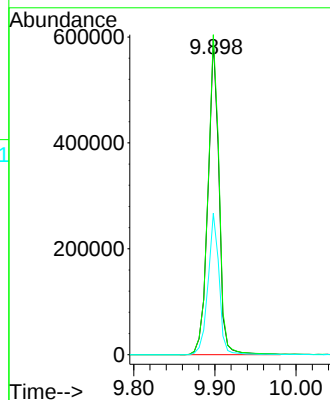
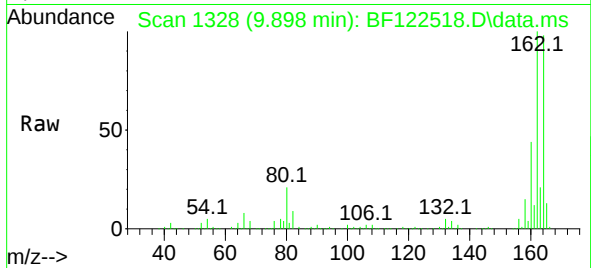




#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.006 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

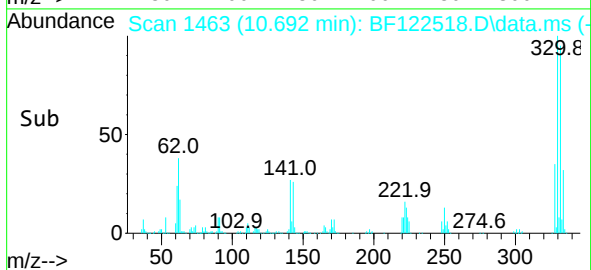
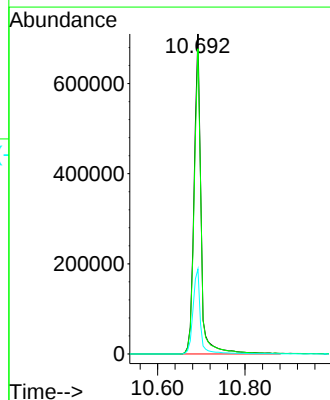
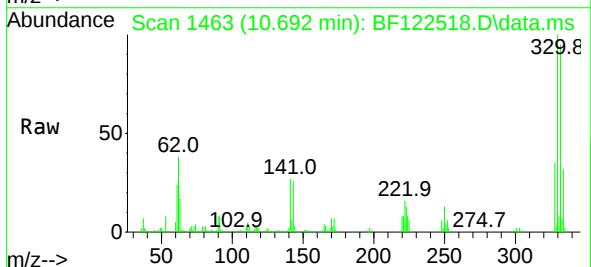
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ClientSampleId :  
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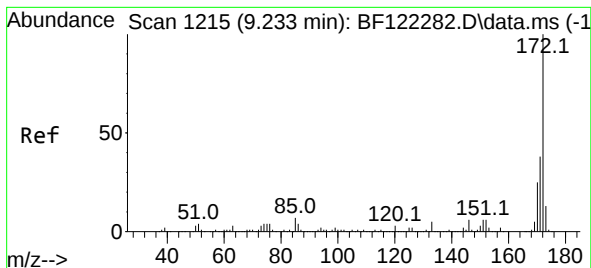
Tgt Ion:164 Resp: 559832  
Ion Ratio Lower Upper  
164 100  
162 101.7 83.2 124.8  
160 45.0 37.5 56.3



#42  
2,4,6-Tribromophenol  
Concen: 130.42 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.000 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion:330 Resp: 783627  
Ion Ratio Lower Upper  
330 100  
332 95.6 77.3 115.9  
141 28.6 22.3 33.5

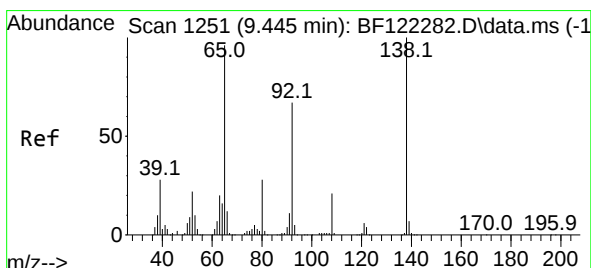
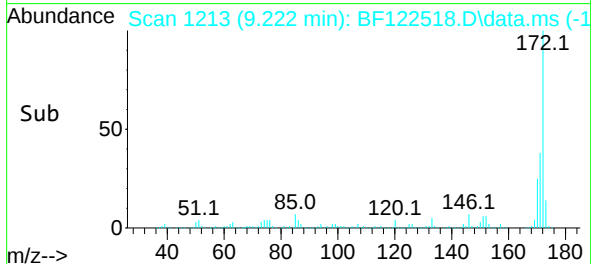
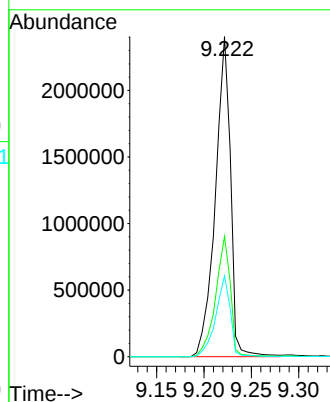
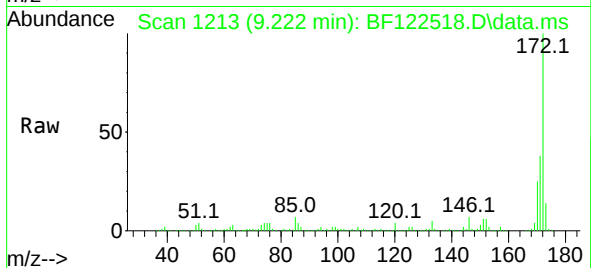




#45  
2-Fluorobiphenyl  
Concen: 74.84 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.000 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

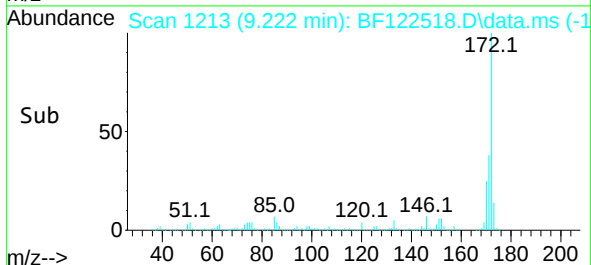
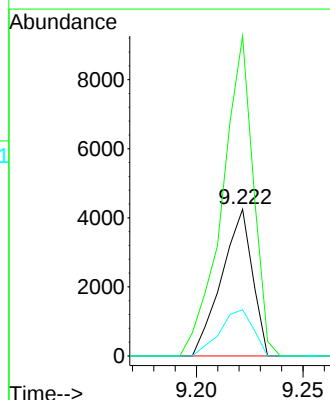
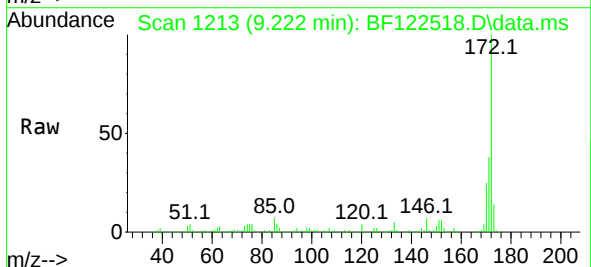
Instrument :  
BNA\_F  
ClientSampleId :  
PB133324BL

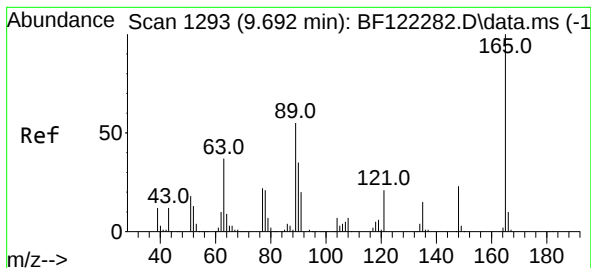
Tgt Ion:172 Resp: 2681423  
Ion Ratio Lower Upper  
172 100  
171 37.6 29.1 43.7  
170 25.2 19.8 29.6



#48  
2-Nitroaniline  
Concen: 5.53 ng  
RT: 9.222 min Scan# 1213  
Delta R.T. -0.224 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion: 65 Resp: 4254  
Ion Ratio Lower Upper  
65 100  
92 218.1 55.1 82.7#  
138 31.5 80.5 120.7#

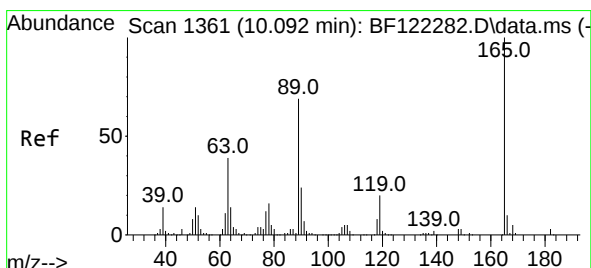
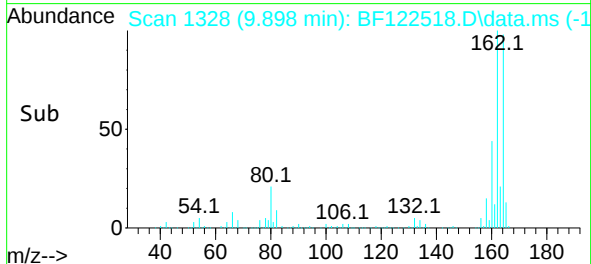
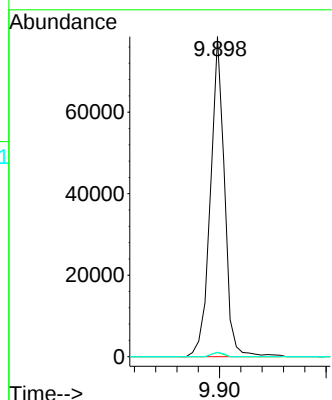
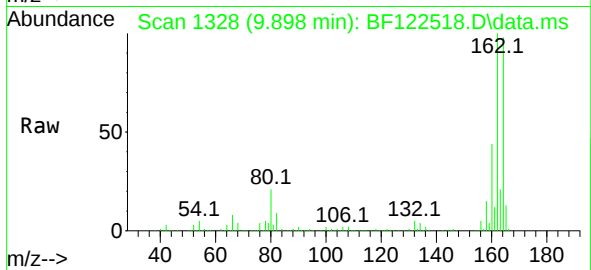




#51  
2,6-Dinitrotoluene  
Concen: 11.34 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. 0.212 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

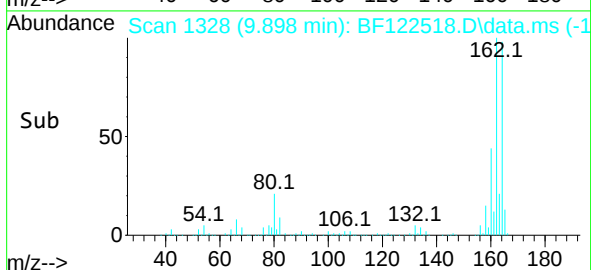
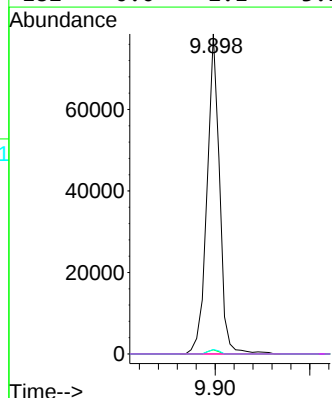
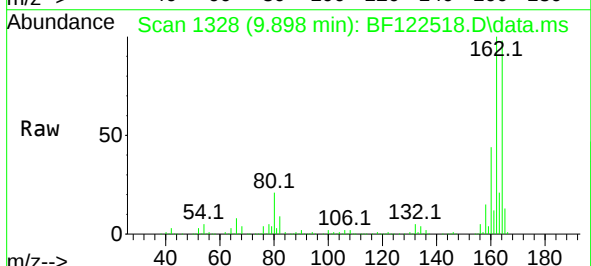
Instrument :  
BNA\_F  
ClientSampleId :  
PB133324BL

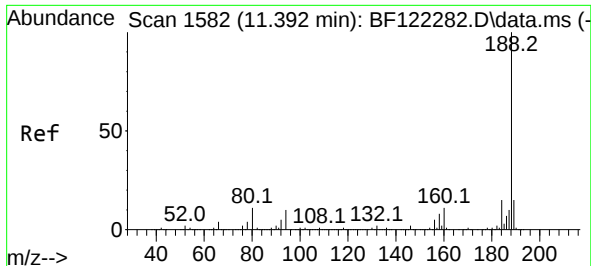
Tgt Ion:165 Resp: 72362  
Ion Ratio Lower Upper  
165 100  
63 1.3 51.8 77.6#  
89 1.4 49.0 73.6#



#57  
2,4-Dinitrotoluene  
Concen: 10.57 ng  
RT: 9.898 min Scan# 1328  
Delta R.T. -0.188 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion:165 Resp: 72363  
Ion Ratio Lower Upper  
165 100  
63 1.3 41.3 61.9#  
89 1.4 61.8 92.8#  
182 0.0 2.1 3.1#

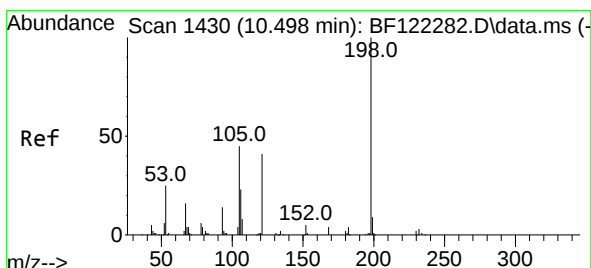
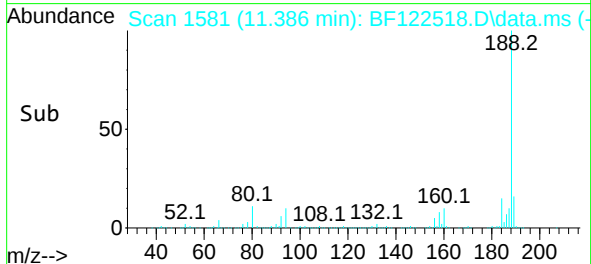
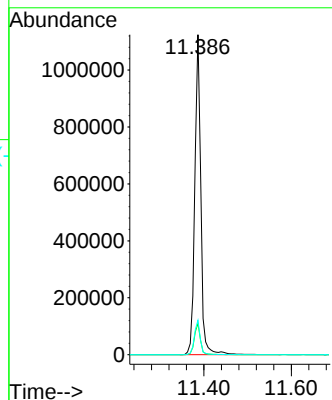
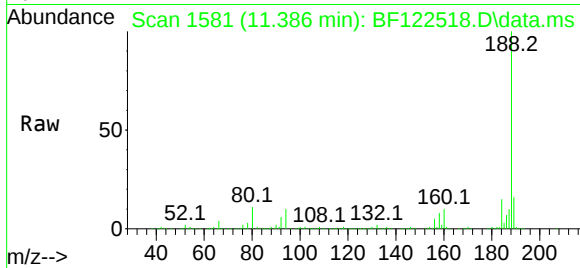




#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.386 min Scan# 1581  
Delta R.T. -0.000 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

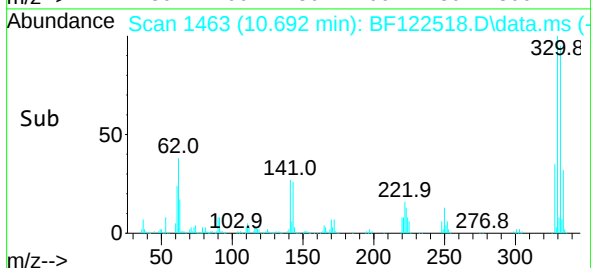
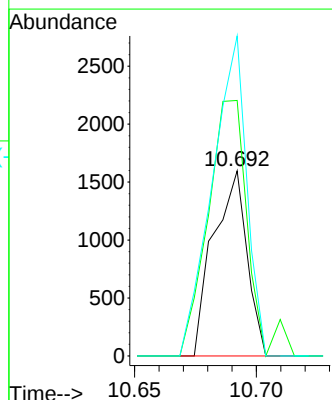
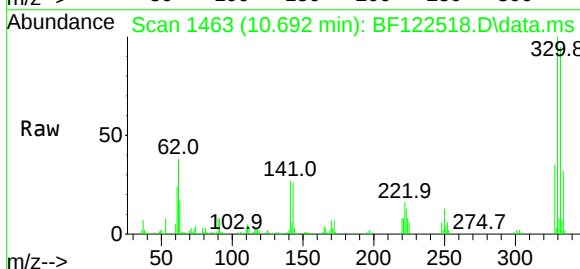
Instrument :  
BNA\_F  
ClientSampleId :  
PB133324BL

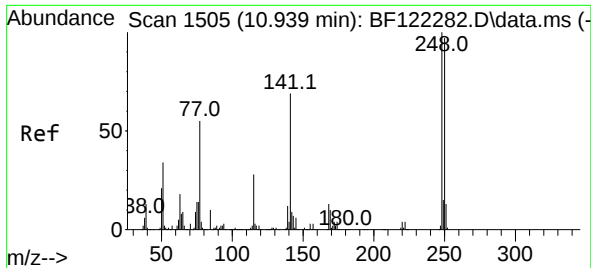
Tgt Ion:188 Resp: 1075346  
Ion Ratio Lower Upper  
188 100  
94 9.7 8.3 12.5  
80 10.8 9.1 13.7



#65  
4,6-Dinitro-2-methylphenol  
Concen: 6.56 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. 0.194 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

Tgt Ion:198 Resp: 1526  
Ion Ratio Lower Upper  
198 100  
51 138.0 29.6 69.6#  
105 172.9 24.4 64.4#

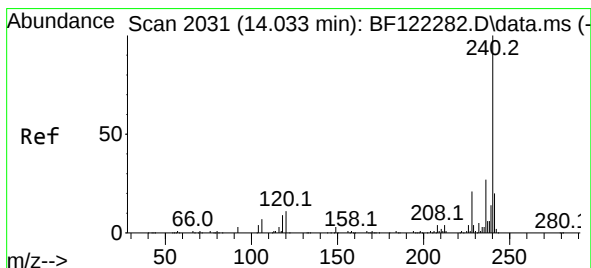
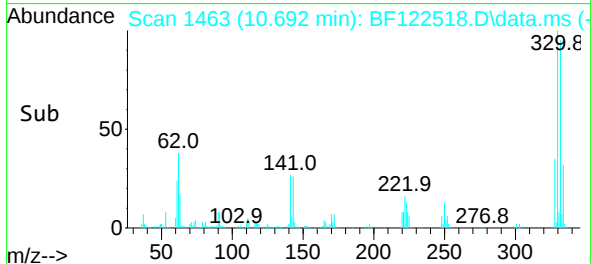
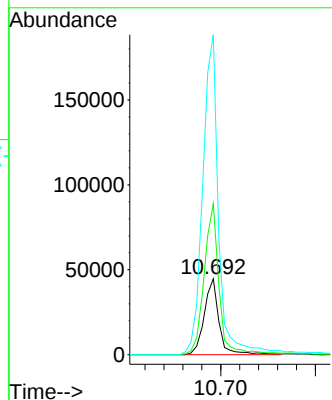
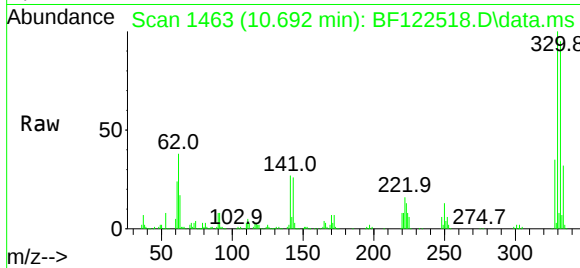




#67  
4-Bromophenyl-phenylether  
Concen: 3.85 ng  
RT: 10.692 min Scan# 1463  
Delta R.T. -0.241 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

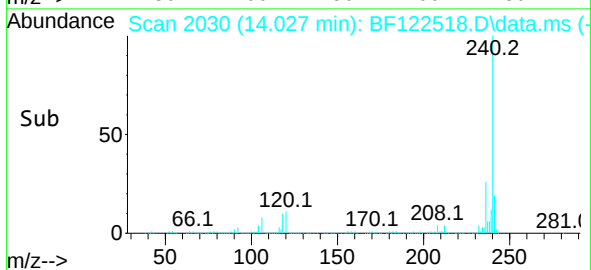
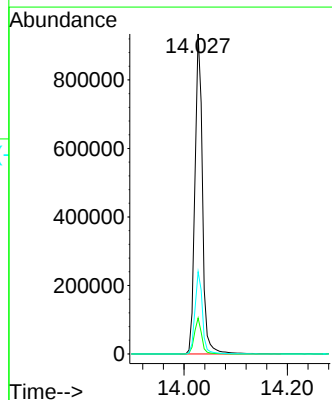
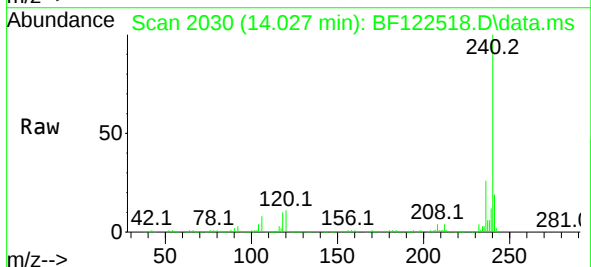
Instrument :  
BNA\_F  
ClientSampleId :  
PB133324BL

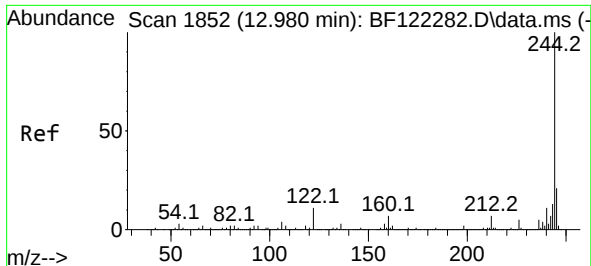
Tgt Ion:248 Resp: 48652  
Ion Ratio Lower Upper  
248 100  
250 199.1 77.0 115.6#  
141 422.0 53.7 80.5#



#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 14.027 min Scan# 2030  
Delta R.T. -0.006 min  
Lab File: BF122518.D  
Acq: 1 Dec 2020 12:44

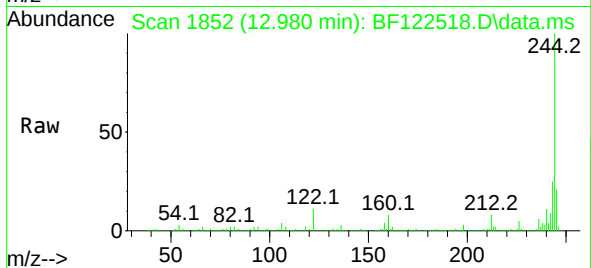
Tgt Ion:240 Resp: 942993  
Ion Ratio Lower Upper  
240 100  
120 11.3 9.2 13.8  
236 25.7 20.9 31.3



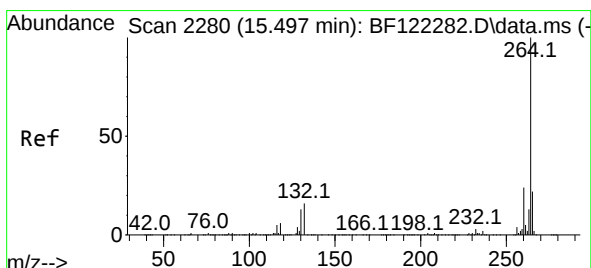
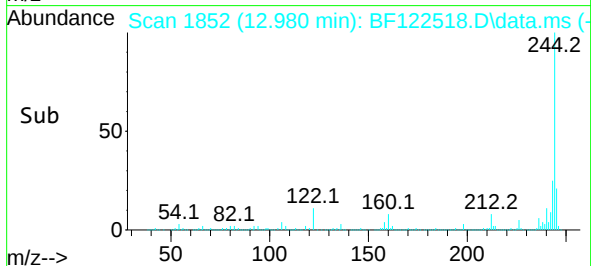
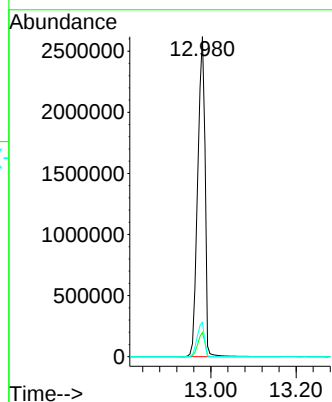


#79  
 Terphenyl-d14  
 Concen: 70.23 ng  
 RT: 12.980 min Scan# 1852  
 Delta R.T. 0.006 min  
 Lab File: BF122518.D  
 Acq: 1 Dec 2020 12:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB133324BL



Tgt Ion:244 Resp: 3125981  
 Ion Ratio Lower Upper  
 244 100  
 212 7.6 5.4 8.2  
 122 10.7 8.1 12.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.504 min Scan# 2281  
 Delta R.T. -0.000 min  
 Lab File: BF122518.D  
 Acq: 1 Dec 2020 12:44

Tgt Ion:264 Resp: 806624  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.7 28.1  
 265 22.0 17.3 25.9

