

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
 Data File : BF122050.D  
 Acq On : 21 Oct 2020 12:30  
 Operator : JU/CG  
 Sample : PB132200BL  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132200BL

Quant Time: Oct 21 13:12:27 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF101220.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Oct 21 12:04:42 2020  
 Response via : Initial Calibration

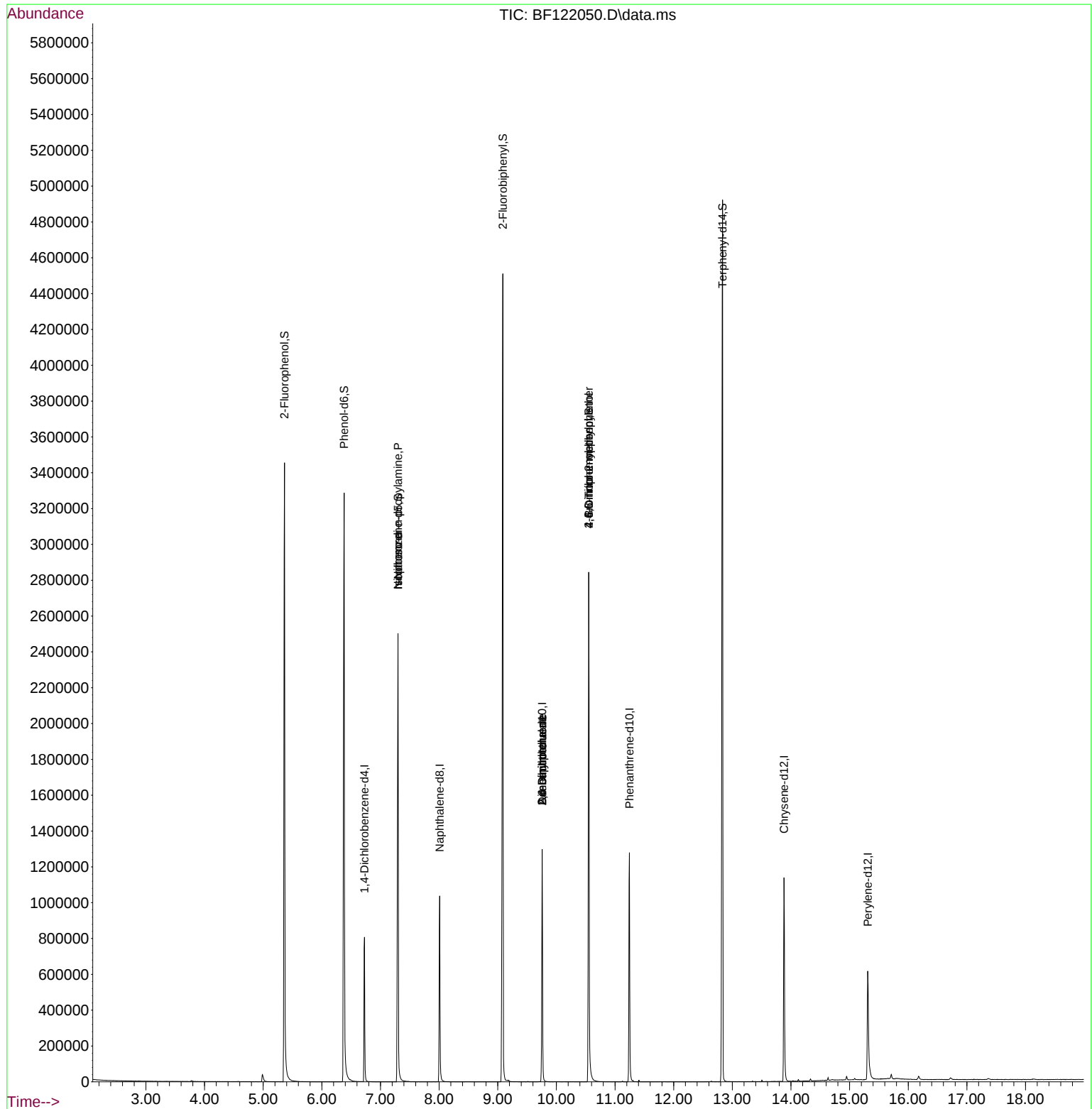
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 123893   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.010  | 136  | 507675   | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.757  | 164  | 270848   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.245 | 188  | 530996   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 13.880 | 240  | 437829   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 15.310 | 264  | 365836   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 1029642  | 122.66    | ng    | 0.02     |
| 7) Phenol-d6                  | 6.381  | 99   | 1320560  | 122.21    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 939145   | 94.87     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.551 | 330  | 439259   | 131.11    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.087  | 172  | 1597062  | 86.76     | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.833 | 244  | 1869371  | 81.37     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.381  | 77   | 1955     | Below Cal | #     | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 127356   | 20.70     | ng    | # 79     |
| 25) Isophorone                | 7.298  | 82   | 923833   | 49.36     | ng    | # 67     |
| 50) Dimethylphthalate         | 9.757  | 163  | 53974    | 2.73      | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.757  | 165  | 34804    | 8.01      | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.757  | 165  | 34804    | 6.51      | ng    | # 20     |
| 65) 4,6-Dinitro-2-methylph... | 10.551 | 198  | 729      | 4.62      | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.551 | 248  | 25058    | 4.08      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

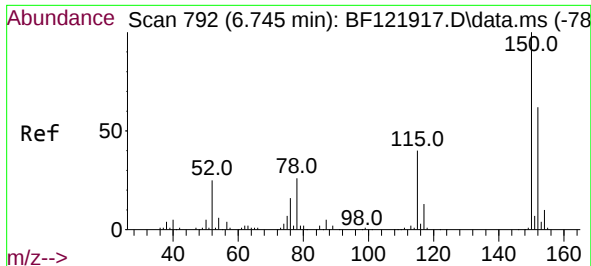
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102120\  
Data File : BF122050.D  
Acq On : 21 Oct 2020 12:30  
Operator : JU/CG  
Sample : PB132200BL  
Misc :  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

Quant Time: Oct 21 13:12:27 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF10220.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 21 12:04:42 2020  
Response via : Initial Calibration

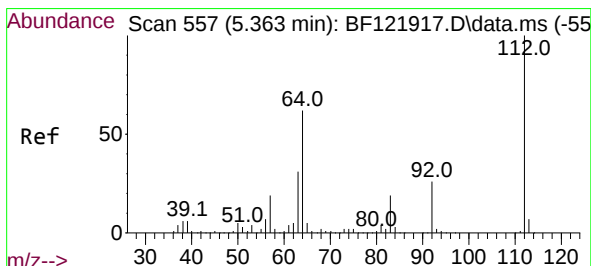
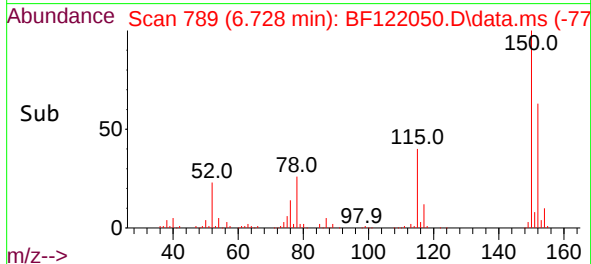
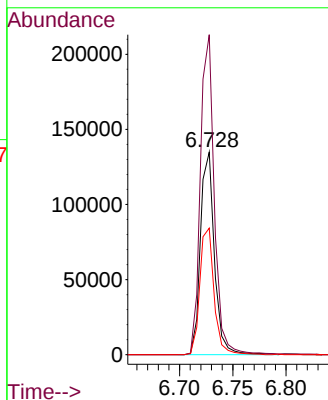
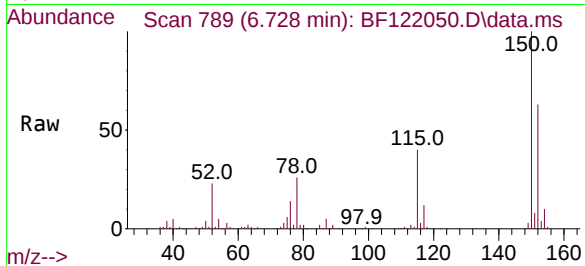




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

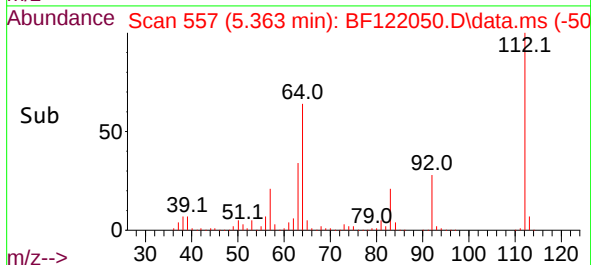
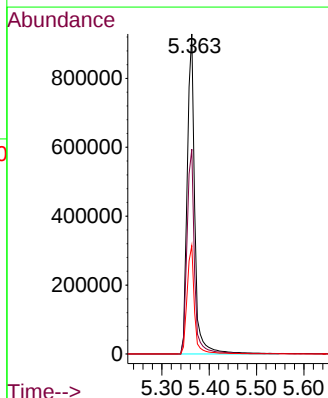
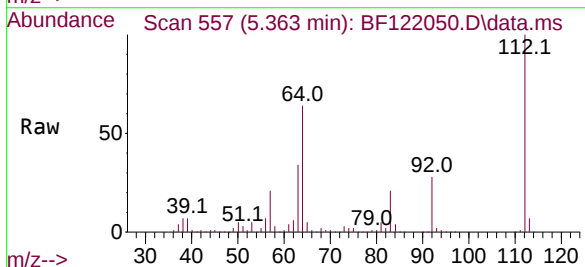
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BNA\_F  
ClientSampleId :  
PB132200BL

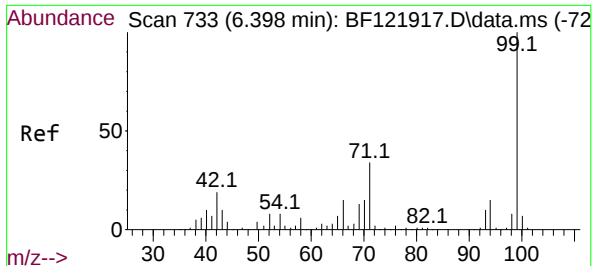
Tgt Ion:152 Resp: 123893  
Ion Ratio Lower Upper  
152 100  
150 158.0 125.3 187.9  
115 62.5 51.9 77.9



#5  
2-Fluorophenol  
Concen: 122.66 ng  
RT: 5.363 min Scan# 557  
Delta R.T. 0.018 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion:112 Resp: 1029642  
Ion Ratio Lower Upper  
112 100  
64 64.0 50.4 75.6  
63 33.8 25.8 38.6

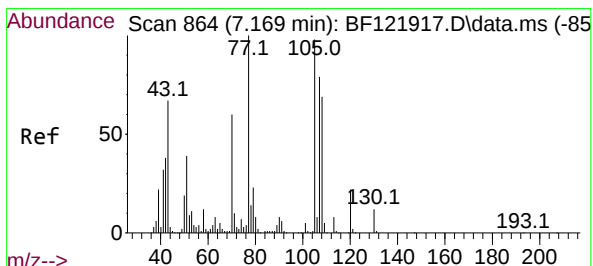
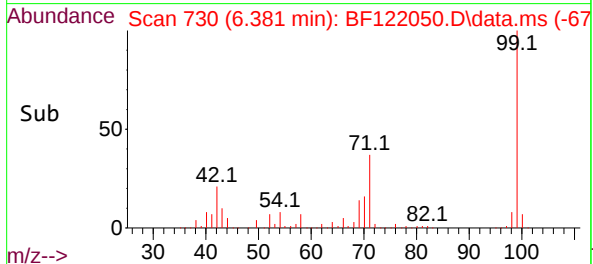
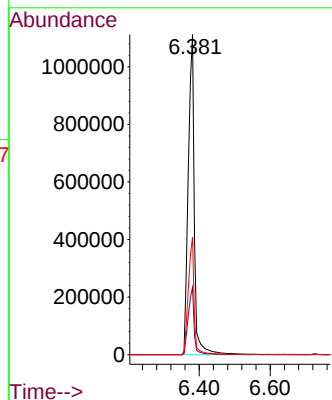
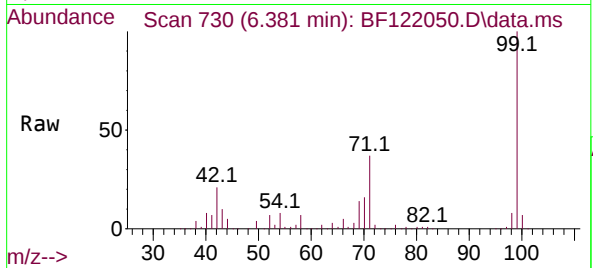




#7  
Phenol-d6  
Concen: 122.21 ng  
RT: 6.381 min Scan# 730  
Delta R.T. 0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

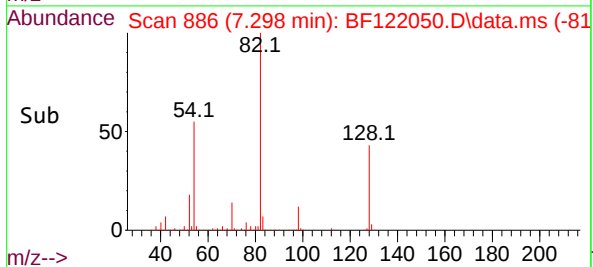
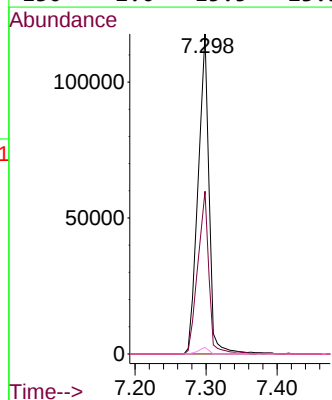
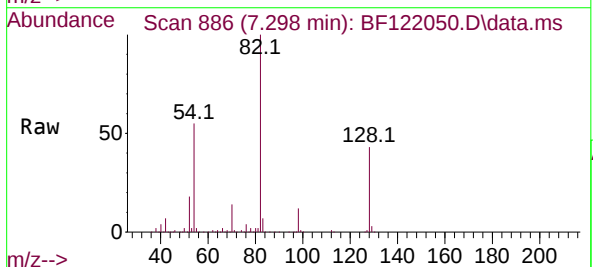
Instrument :  
BNA\_F  
ClientSampleId :  
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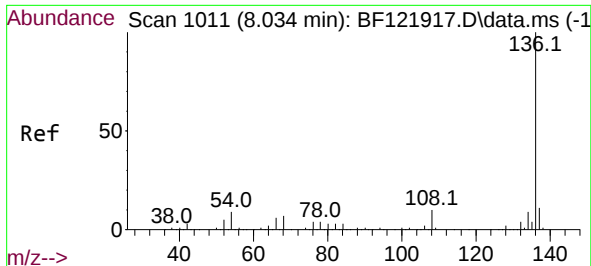
Tgt Ion: 99 Resp: 1320560  
Ion Ratio Lower Upper  
99 100  
42 21.0 15.9 23.9  
71 36.7 27.1 40.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 20.70 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.141 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion: 70 Resp: 127356  
Ion Ratio Lower Upper  
70 100  
42 50.8 50.2 75.4  
101 0.0 7.5 11.3#  
130 2.0 15.5 23.3#



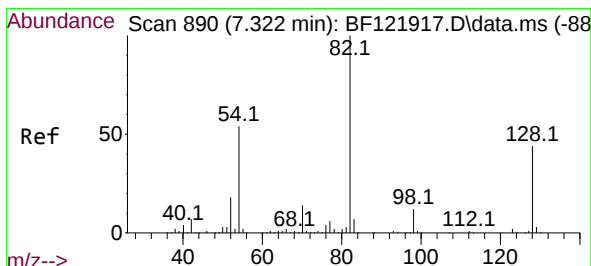
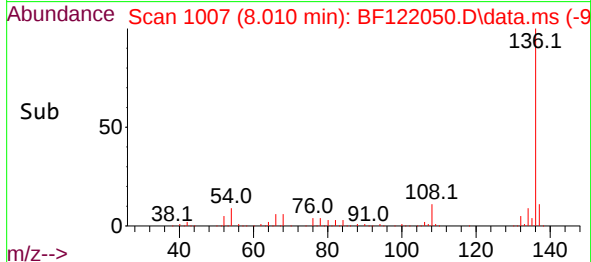
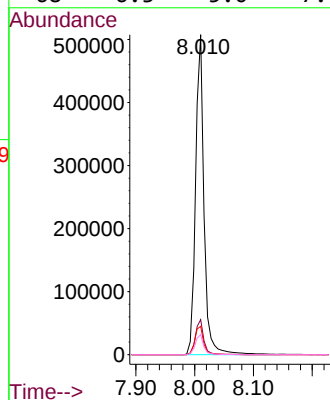
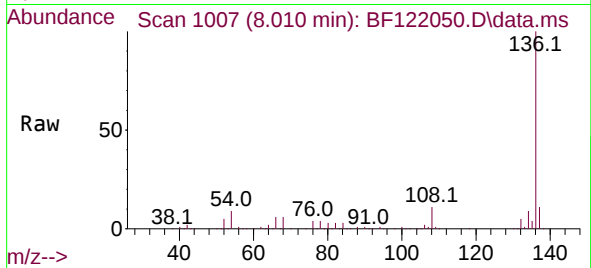


#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. 0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

Tgt Ion:136 Resp: 507675

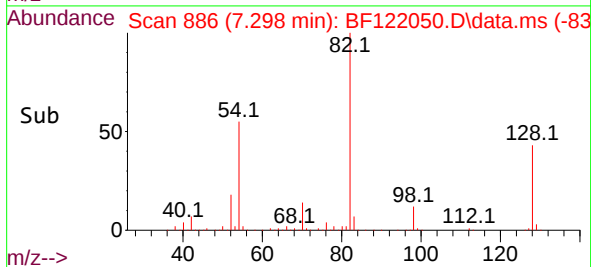
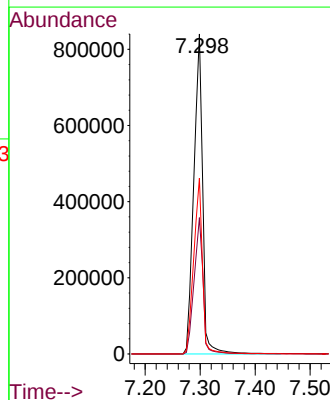
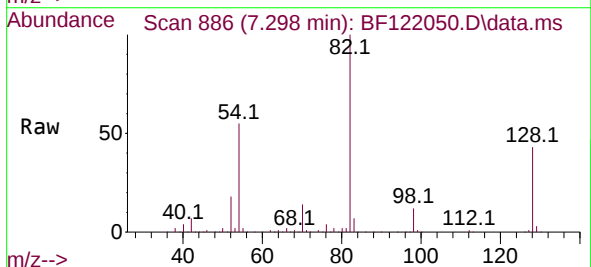
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 10.9  | 8.6   | 13.0  |
| 54  | 8.8   | 7.1   | 10.7  |
| 68  | 6.3   | 5.0   | 7.4   |

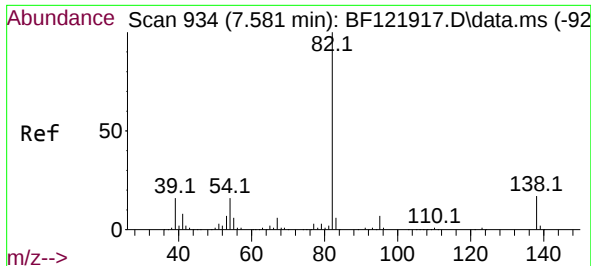


#23  
Nitrobenzene-d5  
Concen: 94.87 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion: 82 Resp: 939145

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 42.6  | 35.0  | 52.4  |
| 54  | 54.9  | 43.9  | 65.9  |

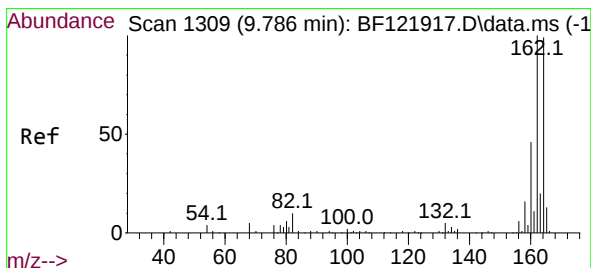
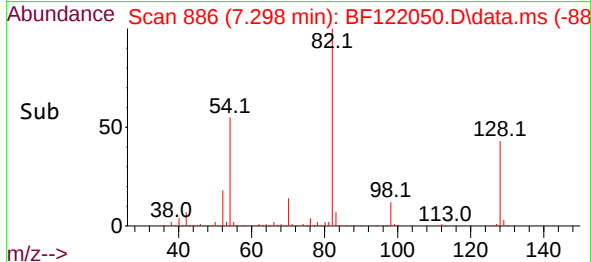
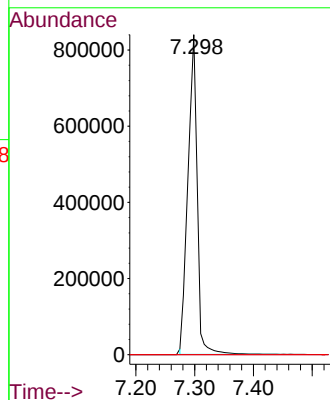
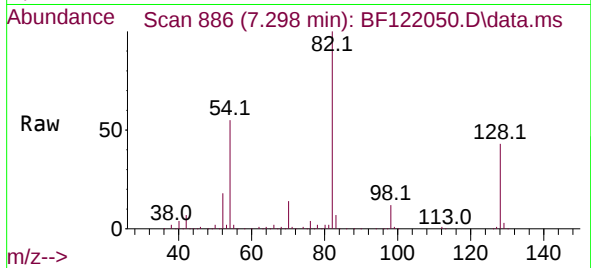




#25  
Isophorone  
Concen: 49.36 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.265 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

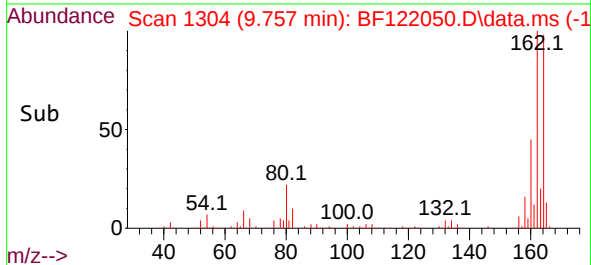
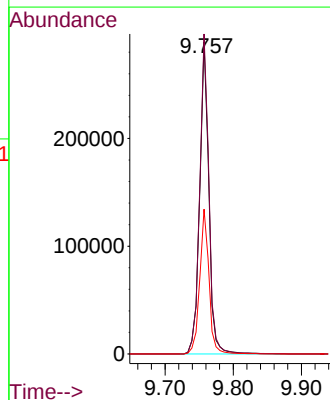
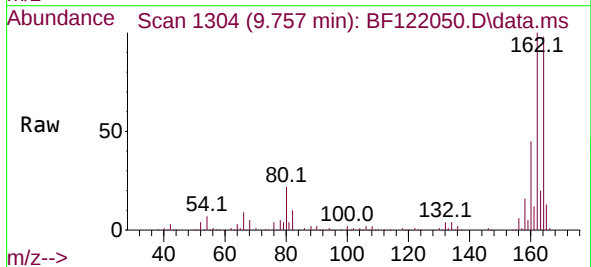
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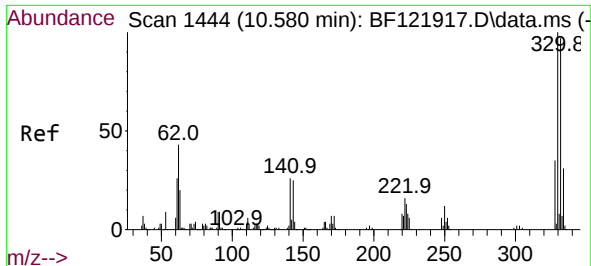
Tgt Ion: 82 Resp: 923833  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 13.4 20.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.006 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion:164 Resp: 270848  
Ion Ratio Lower Upper  
164 100  
162 102.5 83.2 124.8  
160 46.4 37.5 56.3

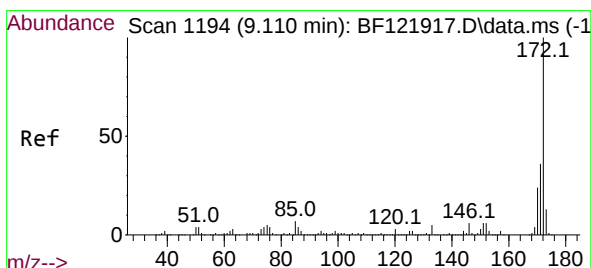
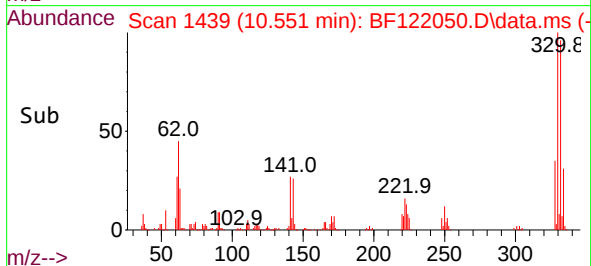
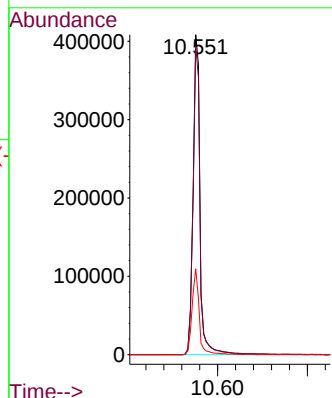
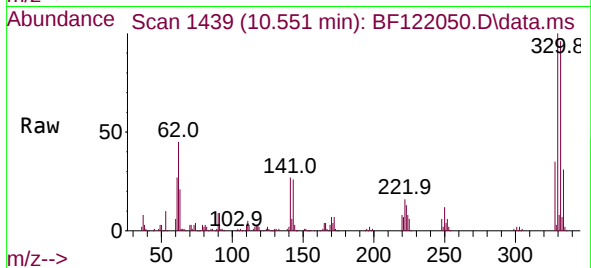




#42  
2,4,6-Tribromophenol  
Concen: 131.11 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.006 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

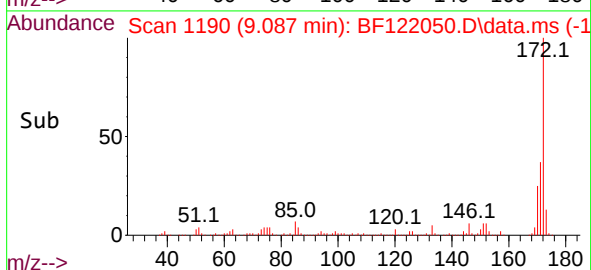
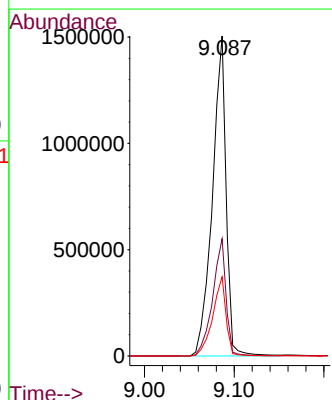
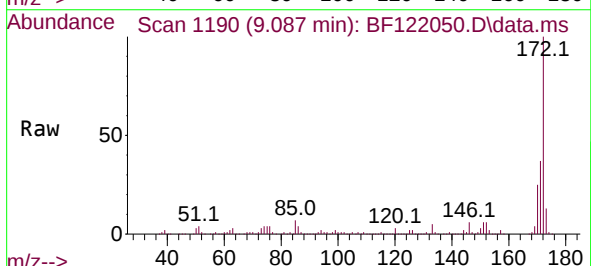
Instrument :  
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ClientSampleId :  
PB132200BL

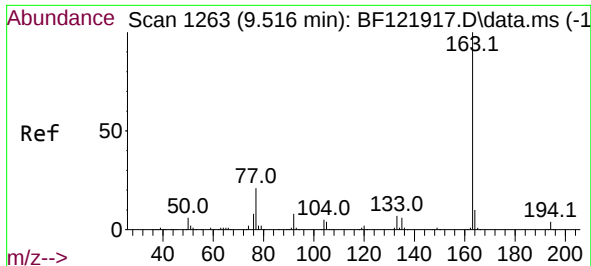
Tgt Ion:330 Resp: 439259  
Ion Ratio Lower Upper  
330 100  
332 95.9 77.3 115.9  
141 27.6 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 86.76 ng  
RT: 9.087 min Scan# 1190  
Delta R.T. 0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion:172 Resp: 1597062  
Ion Ratio Lower Upper  
172 100  
171 36.7 29.1 43.7  
170 24.8 19.8 29.6

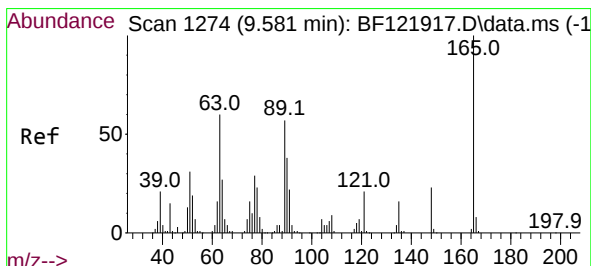
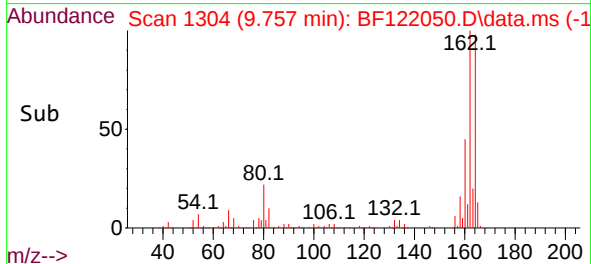
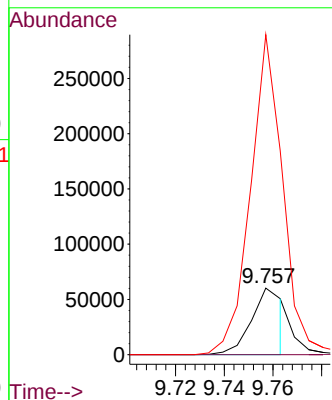
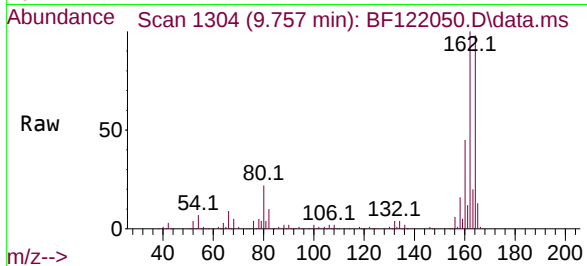




#50  
Dimethylphthalate  
Concen: 2.73 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. 0.265 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

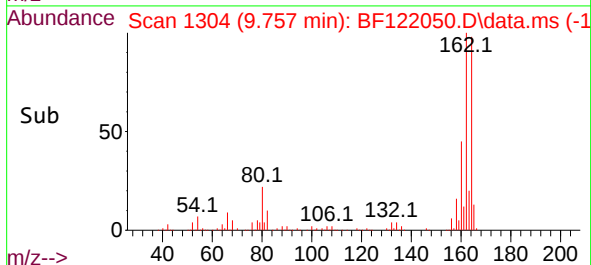
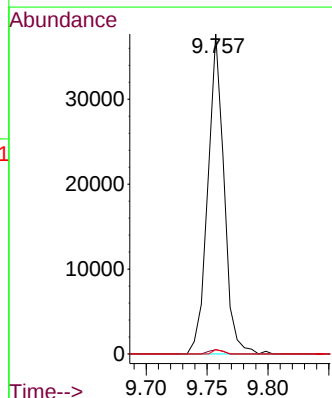
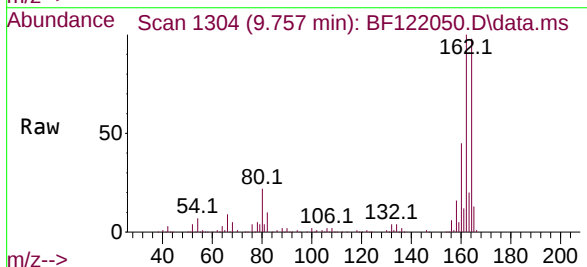
Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

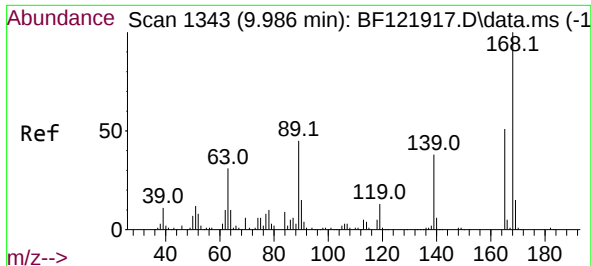
Tgt Ion:163 Resp: 53974  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 480.9 8.2 12.4#



#51  
2,6-Dinitrotoluene  
Concen: 8.01 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. 0.194 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion:165 Resp: 34804  
Ion Ratio Lower Upper  
165 100  
63 1.4 51.8 77.6#  
89 1.4 49.0 73.6#

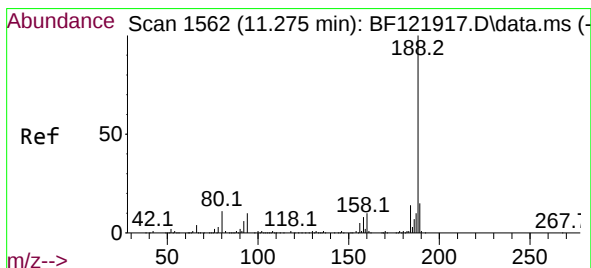
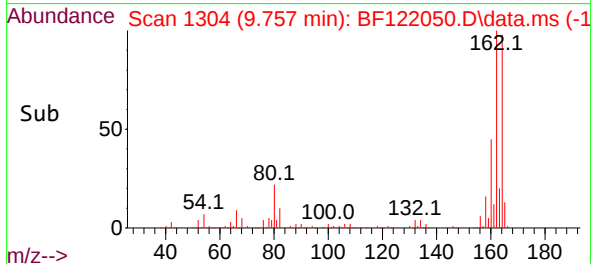
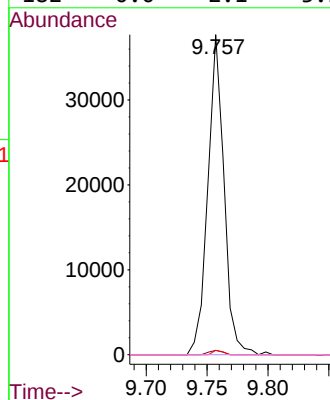
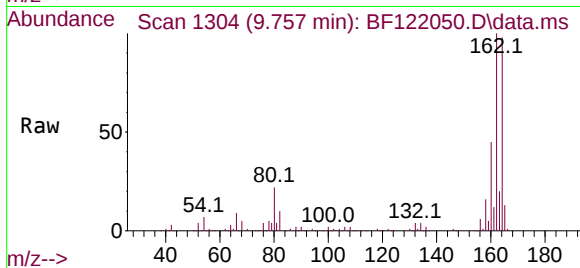




#57  
2,4-Dinitrotoluene  
Concen: 6.51 ng  
RT: 9.757 min Scan# 1304  
Delta R.T. -0.218 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

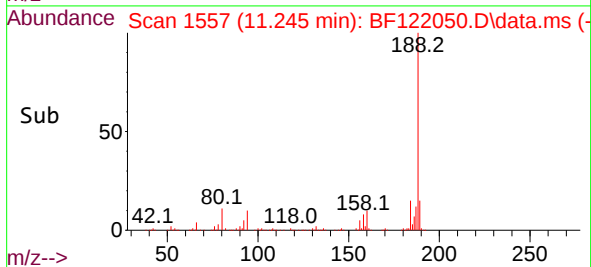
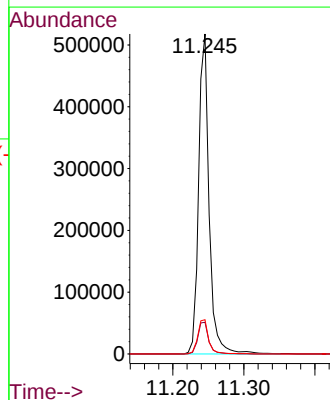
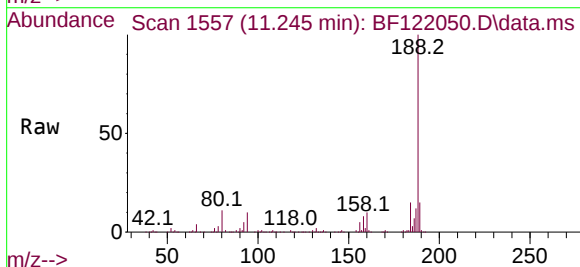
Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

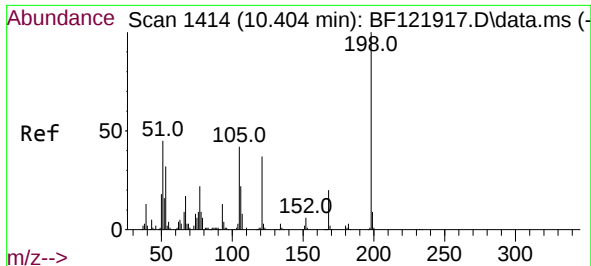
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 34804 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 63        | 1.4   | 41.3  | 61.9# |
| 89        | 1.4   | 61.8  | 92.8# |
| 182       | 0.0   | 2.1   | 3.1#  |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. 0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 188   | Resp: | 530996 |
| Ion Ratio | Lower | Upper |        |
| 188       | 100   |       |        |
| 94        | 9.9   | 8.3   | 12.5   |
| 80        | 10.7  | 9.1   | 13.7   |

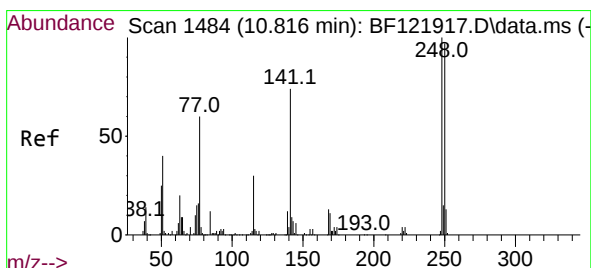
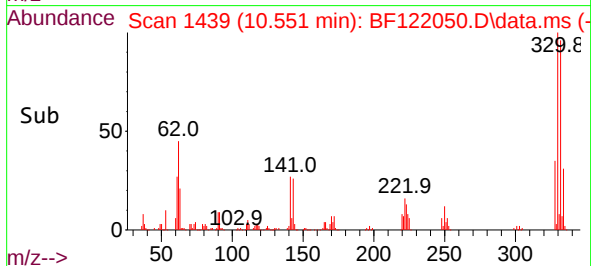
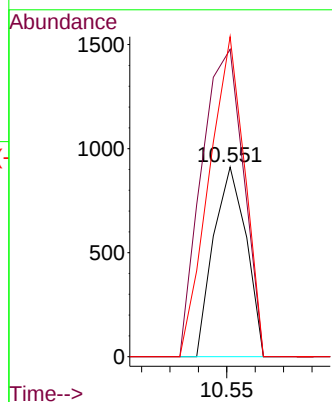
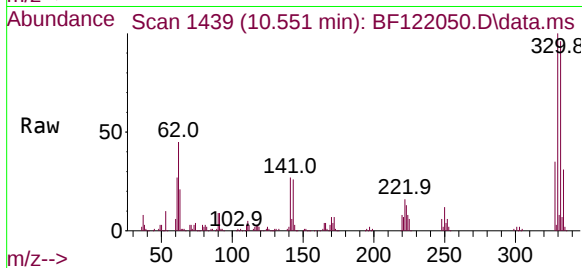




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.62 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. 0.165 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

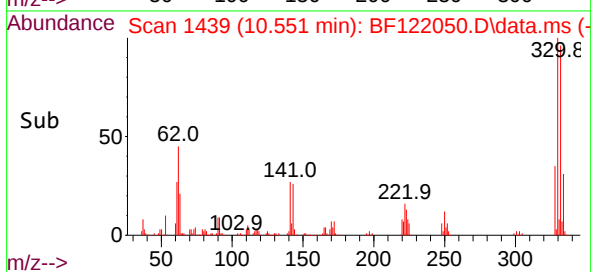
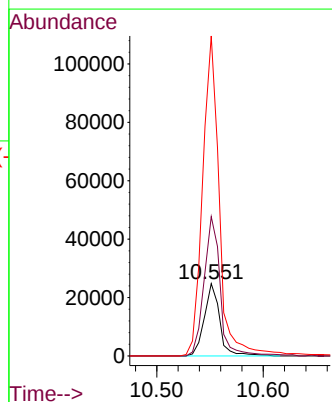
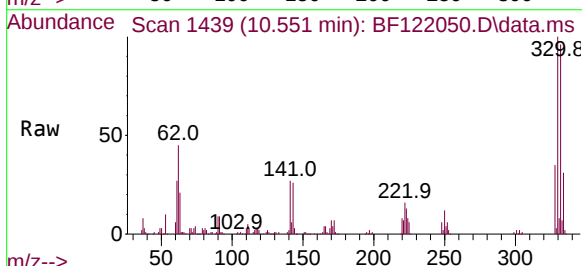
Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

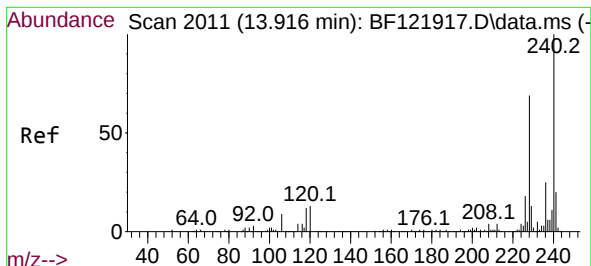
Tgt Ion:198 Resp: 729  
Ion Ratio Lower Upper  
198 100  
51 162.1 29.6 69.6#  
105 168.8 24.4 64.4#



#67  
4-Bromophenyl-phenylether  
Concen: 4.08 ng  
RT: 10.551 min Scan# 1439  
Delta R.T. -0.241 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Tgt Ion:248 Resp: 25058  
Ion Ratio Lower Upper  
248 100  
250 192.5 77.0 115.6#  
141 442.3 53.7 80.5#

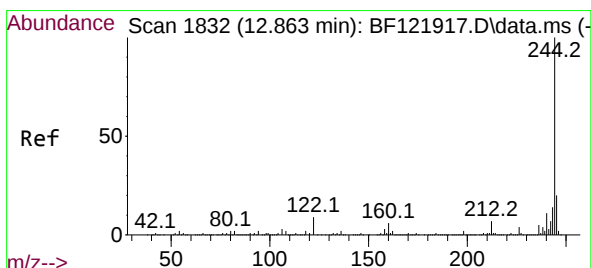
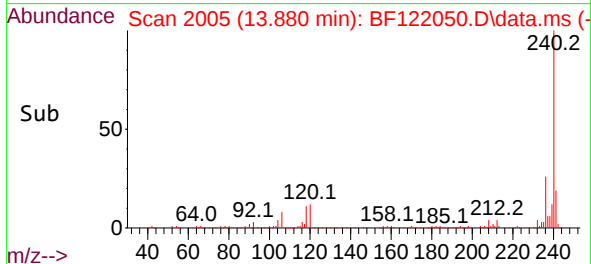
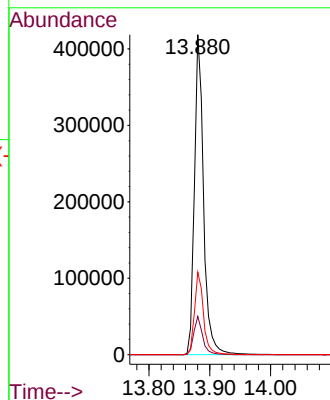
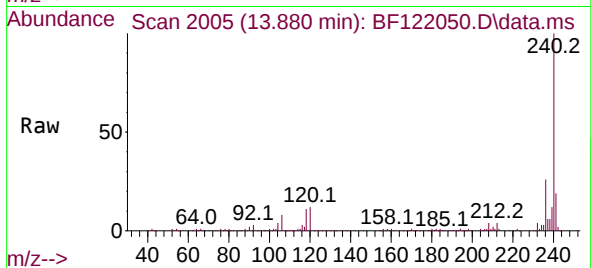




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.880 min Scan# 2005  
Delta R.T. -0.006 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

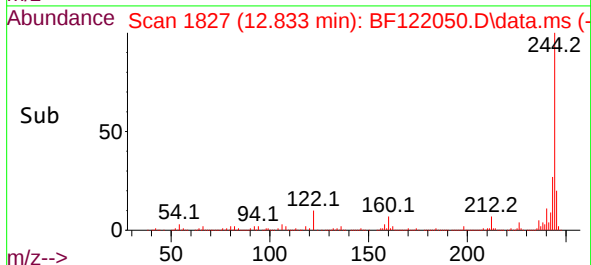
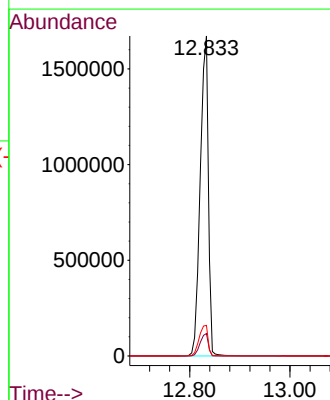
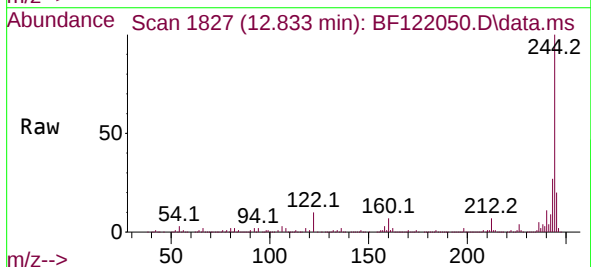
Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL

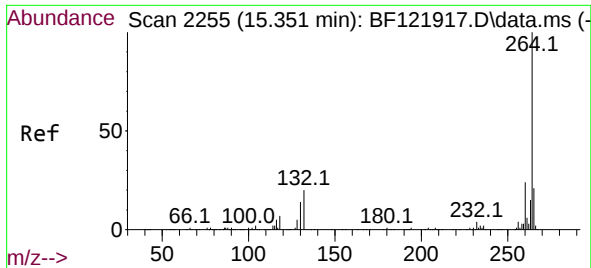
Tgt Ion:240 Resp: 437829  
Ion Ratio Lower Upper  
240 100  
120 12.0 9.2 13.8  
236 25.8 20.9 31.3



#79  
Terphenyl-d14  
Concen: 81.37 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. 0.000 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

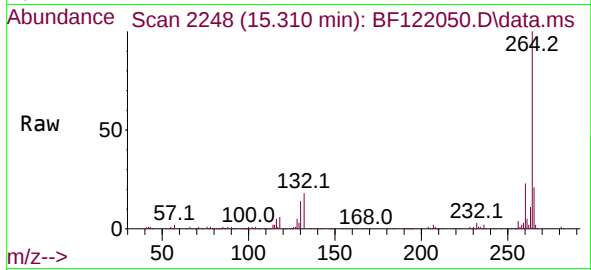
Tgt Ion:244 Resp: 1869371  
Ion Ratio Lower Upper  
244 100  
212 7.0 5.4 8.2  
122 9.6 8.1 12.1





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.310 min Scan# 2248  
Delta R.T. -0.006 min  
Lab File: BF122050.D  
Acq: 21 Oct 2020 12:30

Instrument :  
BNA\_F  
ClientSampleId :  
PB132200BL



Tgt Ion:264 Resp: 365836  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.7 28.1  
265 20.6 17.3 25.9

