

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102220\  
 Data File : BF122075.D  
 Acq On : 22 Oct 2020 10:48  
 Operator : JU/CG  
 Sample : PB132523BL  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB132523BL

Quant Time: Oct 22 11:44:15 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

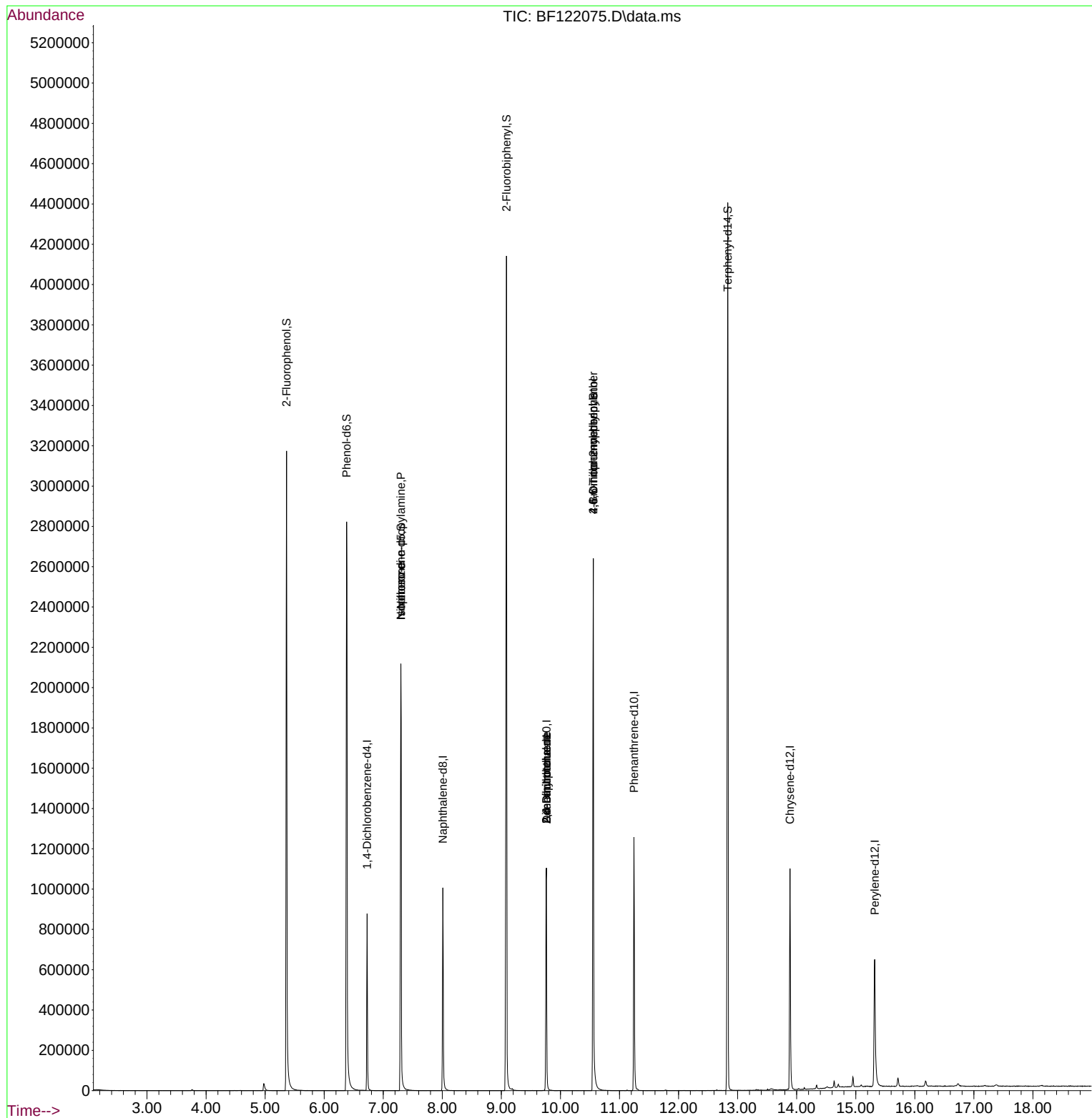
| Compound                      | R.T.   | QIon | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|------|----------|-----------|-------|----------|
| -----                         |        |      |          |           |       |          |
| Internal Standards            |        |      |          |           |       |          |
| 1) 1,4-Dichlorobenzene-d4     | 6.728  | 152  | 120374   | 20.00     | ng    | 0.00     |
| 21) Naphthalene-d8            | 8.010  | 136  | 483994   | 20.00     | ng    | 0.00     |
| 39) Acenaphthene-d10          | 9.763  | 164  | 257412   | 20.00     | ng    | 0.00     |
| 64) Phenanthrene-d10          | 11.245 | 188  | 496929   | 20.00     | ng    | 0.00     |
| 76) Chrysene-d12              | 13.886 | 240  | 420539   | 20.00     | ng    | 0.00     |
| 86) Perylene-d12              | 15.321 | 264  | 352483   | 20.00     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| System Monitoring Compounds   |        |      |          |           |       |          |
| 5) 2-Fluorophenol             | 5.363  | 112  | 911311   | 111.74    | ng    | 0.02     |
| 7) Phenol-d6                  | 6.381  | 99   | 1166919  | 111.15    | ng    | 0.00     |
| 23) Nitrobenzene-d5           | 7.298  | 82   | 830003   | 87.95     | ng    | 0.00     |
| 42) 2,4,6-Tribromophenol      | 10.557 | 330  | 377401   | 118.52    | ng    | 0.00     |
| 45) 2-Fluorobiphenyl          | 9.086  | 172  | 1396734  | 79.84     | ng    | 0.00     |
| 79) Terphenyl-d14             | 12.833 | 244  | 1636073  | 74.14     | ng    | 0.00     |
|                               |        |      |          |           |       |          |
| Target Compounds              |        |      |          |           |       | Qvalue   |
| 9) Benzaldehyde               | 6.386  | 77   | 1601     | Below Cal | #     | 3        |
| 19) n-Nitroso-di-n-propyla... | 7.298  | 70   | 110934   | 18.56     | ng    | # 79     |
| 25) Isophorone                | 7.298  | 82   | 820723   | 45.99     | ng    | # 67     |
| 50) Dimethylphthalate         | 9.763  | 163  | 53004    | 2.82      | ng    | # 1      |
| 51) 2,6-Dinitrotoluene        | 9.763  | 165  | 32520    | 7.88      | ng    | # 21     |
| 57) 2,4-Dinitrotoluene        | 9.763  | 165  | 32520    | 6.40      | ng    | # 21     |
| 65) 4,6-Dinitro-2-methylph... | 10.557 | 198  | 607      | 4.60      | ng    | # 1      |
| 67) 4-Bromophenyl-phenylether | 10.557 | 248  | 21676    | 3.78      | ng    | # 1      |
| -----                         |        |      |          |           |       |          |

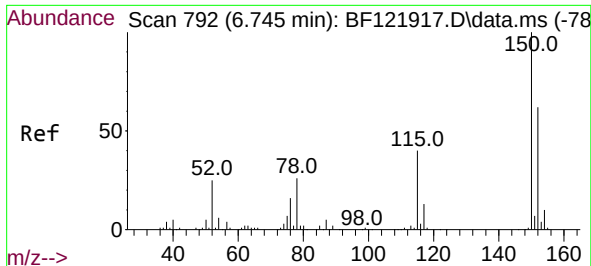
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA\_F\Data\BF102220\  
Data File : BF122075.D  
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Sample : PB132523BL  
Misc :  
ALS Vial : 3 Sample Multiplier: 1

Instrument :  
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Oct 21 12:04:42 2020  
Response via : Initial Calibration

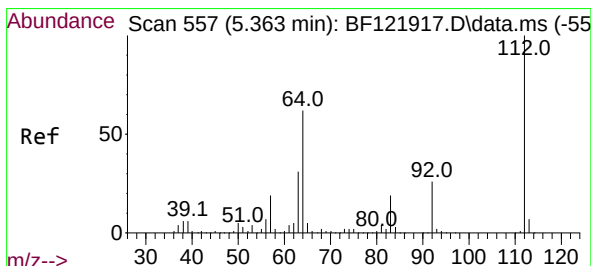
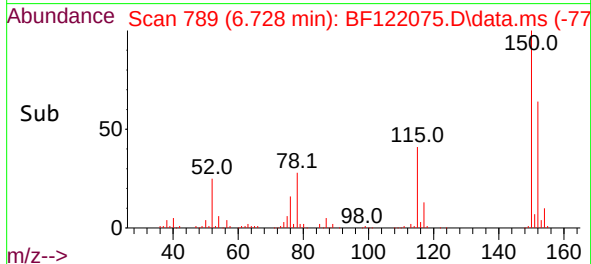
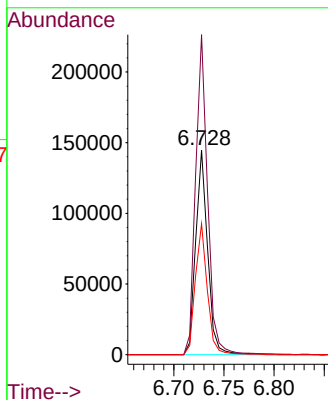
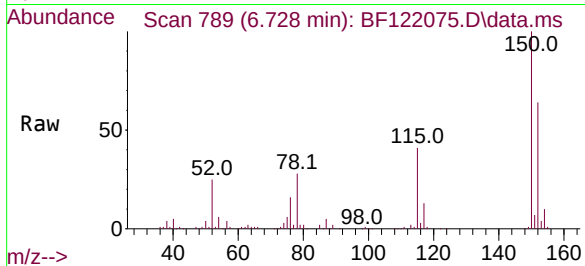




#1  
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.728 min Scan# 789  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

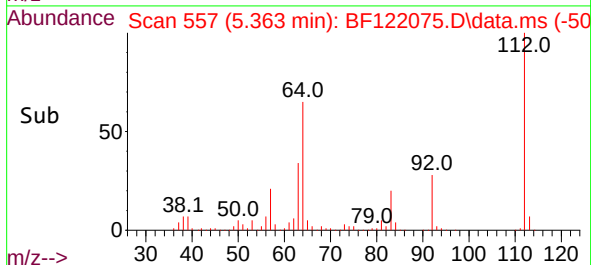
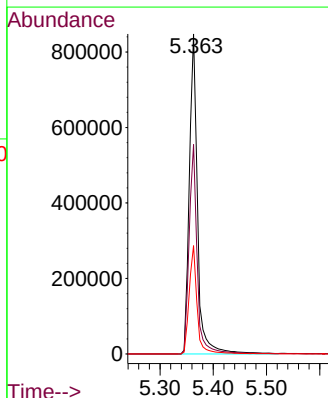
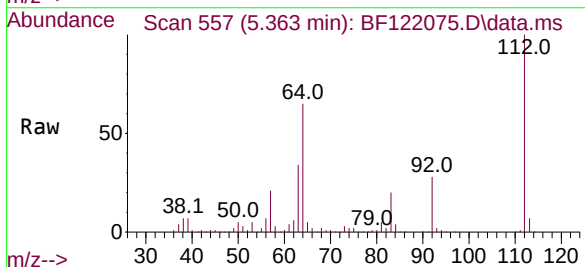
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

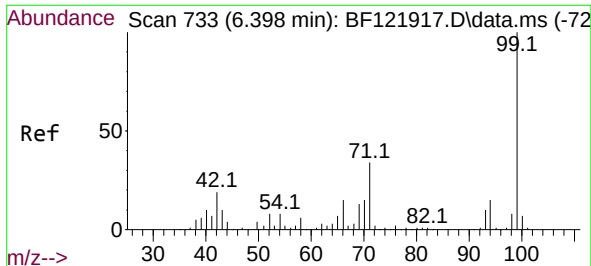
Tgt Ion:152 Resp: 120374  
Ion Ratio Lower Upper  
152 100  
150 156.4 125.3 187.9  
115 64.0 51.9 77.9



#5  
2-Fluorophenol  
Concen: 111.74 ng  
RT: 5.363 min Scan# 557  
Delta R.T. 0.017 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:112 Resp: 911311  
Ion Ratio Lower Upper  
112 100  
64 65.5 50.4 75.6  
63 33.8 25.8 38.6

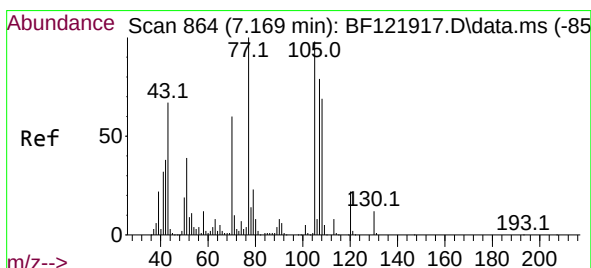
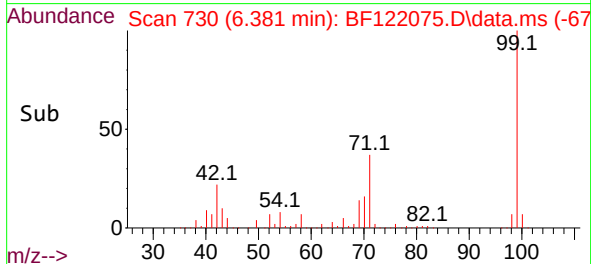
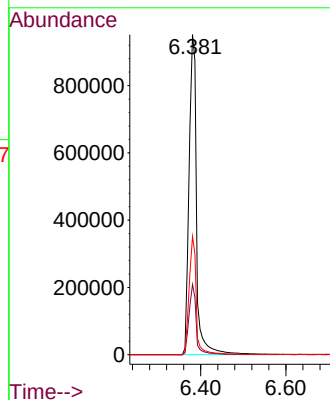
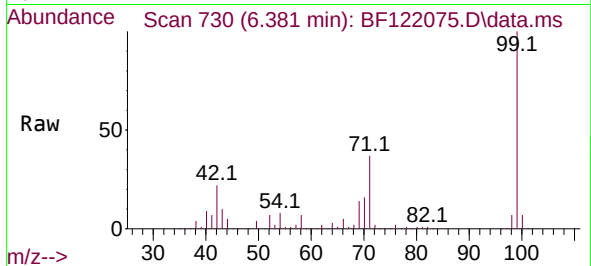




#7  
Phenol-d6  
Concen: 111.15 ng  
RT: 6.381 min Scan# 730  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

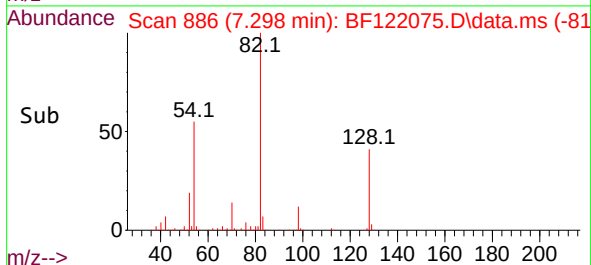
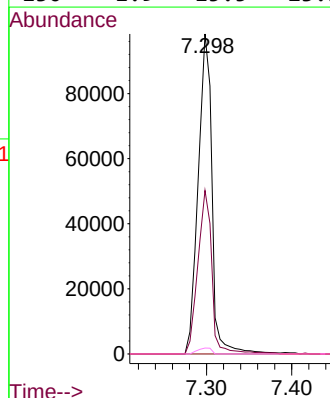
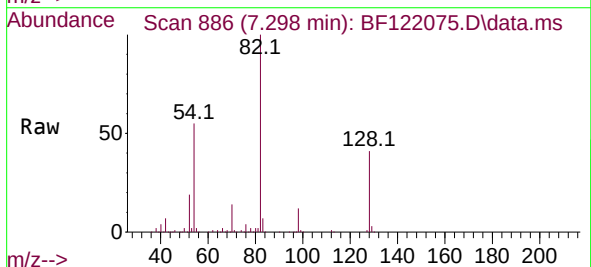
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

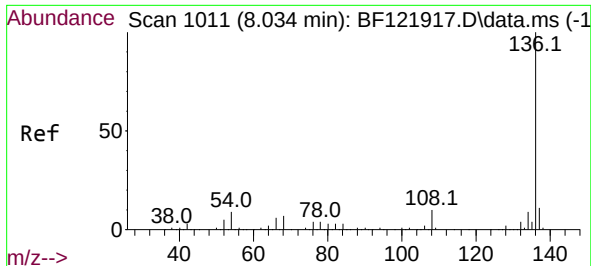
Tgt Ion: 99 Resp: 1166919  
Ion Ratio Lower Upper  
99 100  
42 21.9 15.9 23.9  
71 36.9 27.1 40.7



#19  
n-Nitroso-di-n-propylamine  
Concen: 18.56 ng  
RT: 7.298 min Scan# 886  
Delta R.T. 0.141 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion: 70 Resp: 110934  
Ion Ratio Lower Upper  
70 100  
42 51.1 50.2 75.4  
101 0.0 7.5 11.3#  
130 1.9 15.5 23.3#

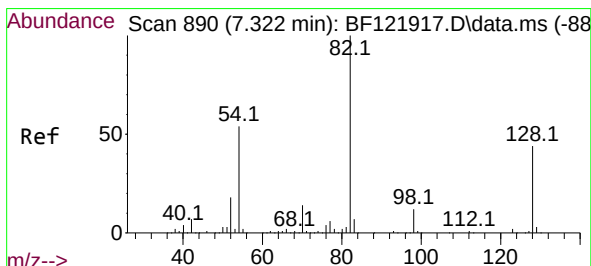
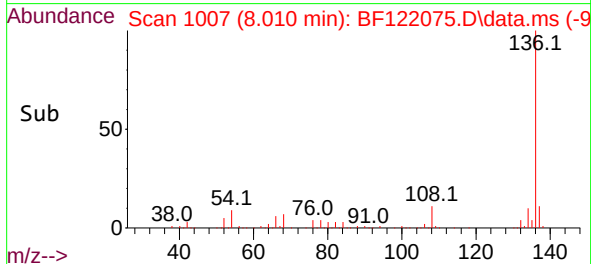
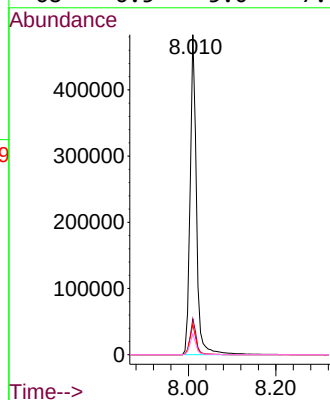
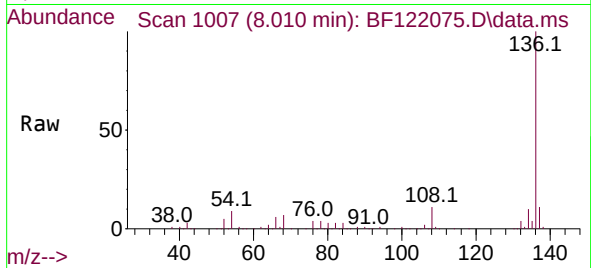




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 8.010 min Scan# 1007  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

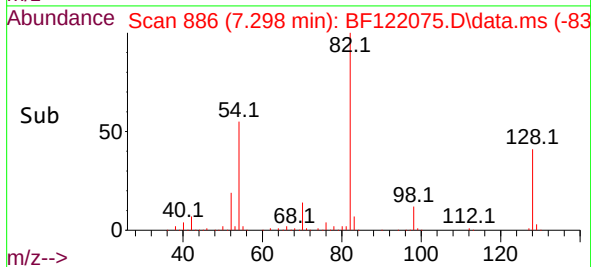
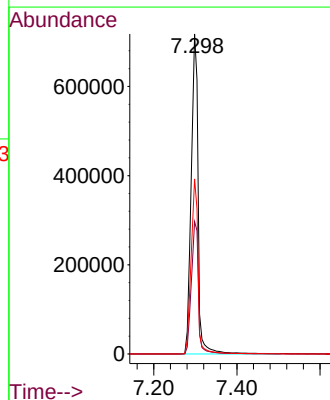
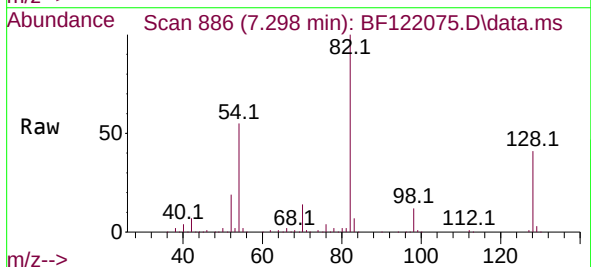
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

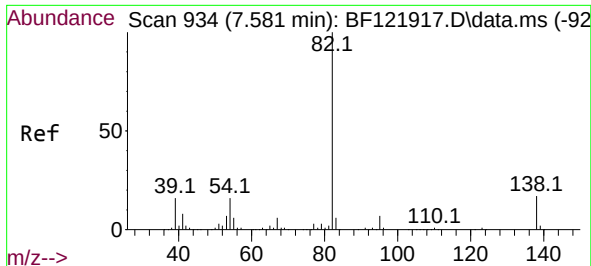
Tgt Ion:136 Resp: 483994  
Ion Ratio Lower Upper  
136 100  
137 11.2 8.6 13.0  
54 9.4 7.1 10.7  
68 6.5 5.0 7.4



#23  
Nitrobenzene-d5  
Concen: 87.95 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.006 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion: 82 Resp: 830003  
Ion Ratio Lower Upper  
82 100  
128 41.4 35.0 52.4  
54 54.7 43.9 65.9

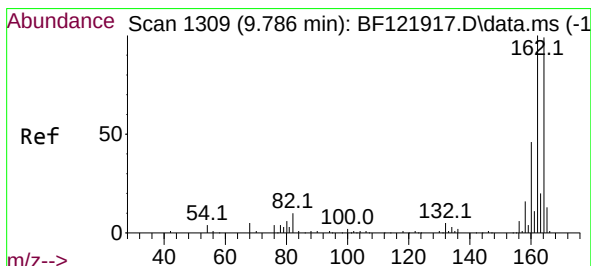
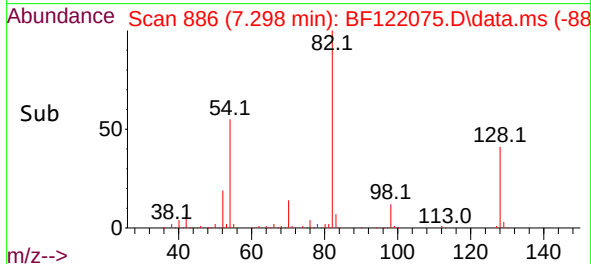
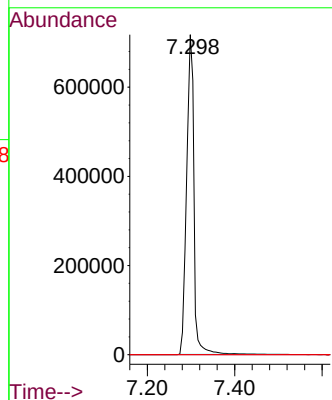
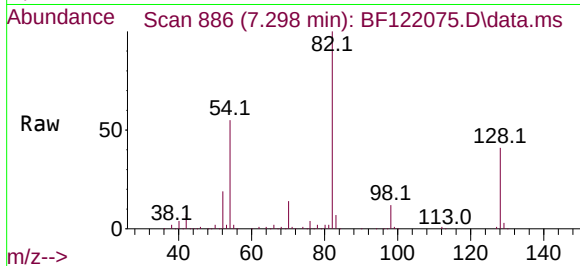




#25  
Isophorone  
Concen: 45.99 ng  
RT: 7.298 min Scan# 886  
Delta R.T. -0.265 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

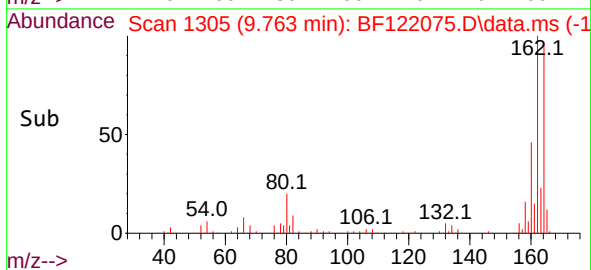
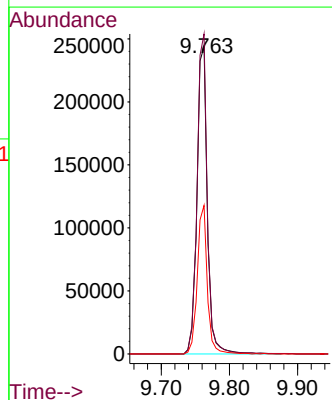
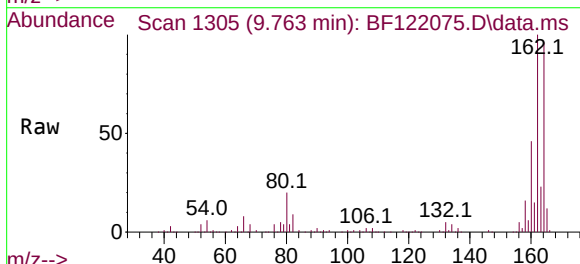
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ClientSampleId :  
PB132523BL

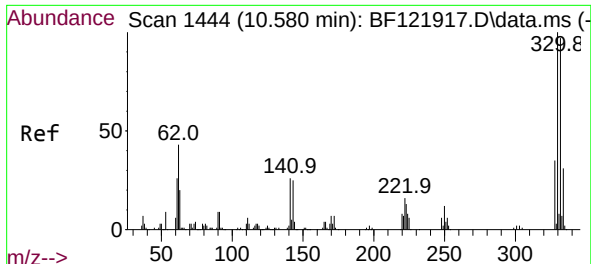
Tgt Ion: 82 Resp: 820723  
Ion Ratio Lower Upper  
82 100  
95 0.0 5.4 8.0#  
138 0.0 13.4 20.0#



#39  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:164 Resp: 257412  
Ion Ratio Lower Upper  
164 100  
162 104.0 83.2 124.8  
160 48.3 37.5 56.3

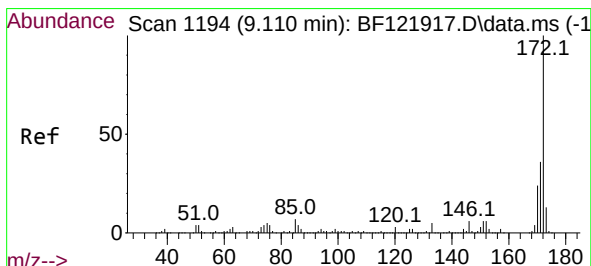
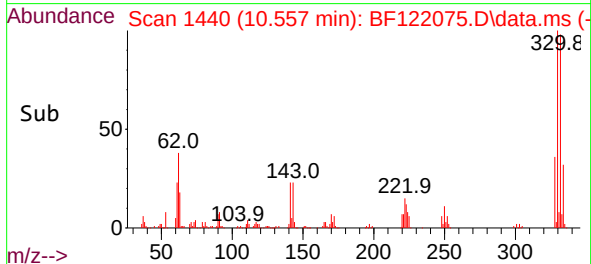
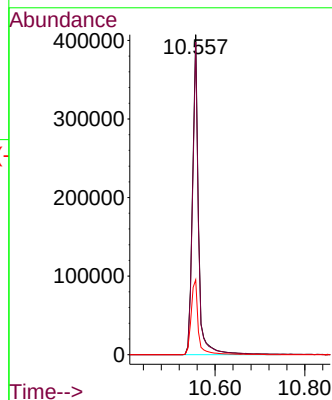
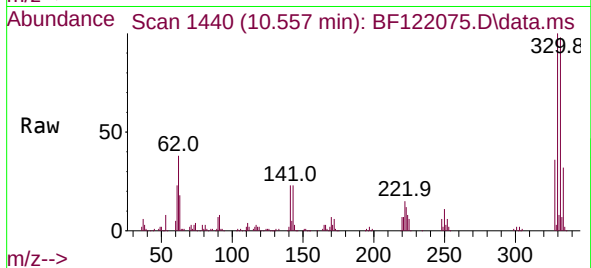




#42  
2,4,6-Tribromophenol  
Concen: 118.52 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

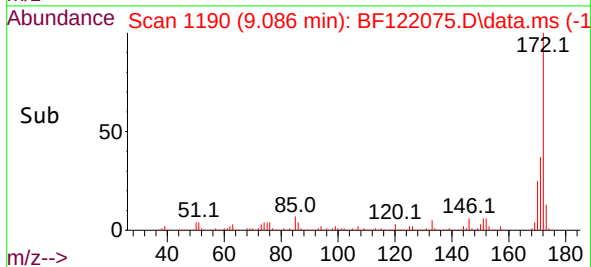
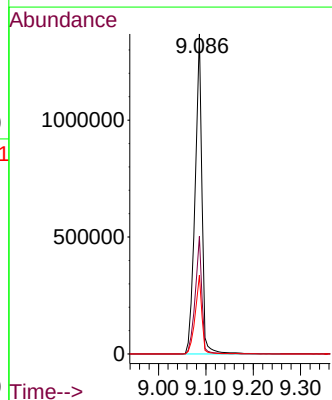
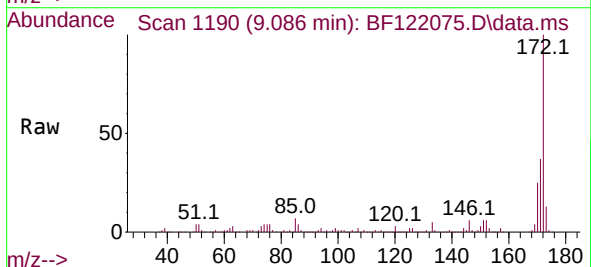
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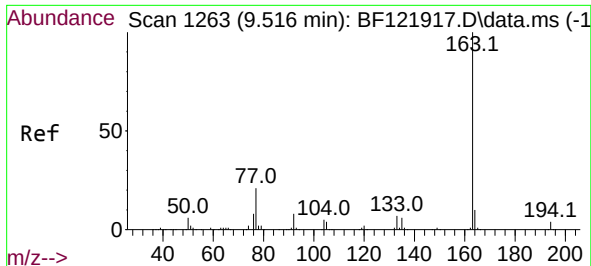
Tgt Ion:330 Resp: 377401  
Ion Ratio Lower Upper  
330 100  
332 96.8 77.3 115.9  
141 27.8 22.3 33.5



#45  
2-Fluorobiphenyl  
Concen: 79.84 ng  
RT: 9.086 min Scan# 1190  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:172 Resp: 1396734  
Ion Ratio Lower Upper  
172 100  
171 36.8 29.1 43.7  
170 24.6 19.8 29.6

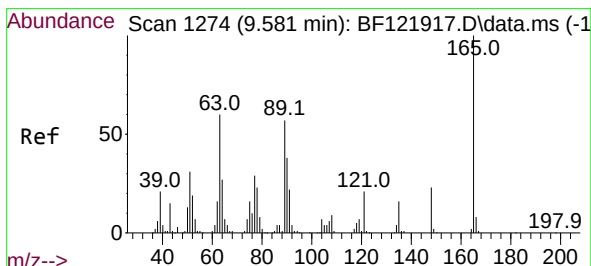
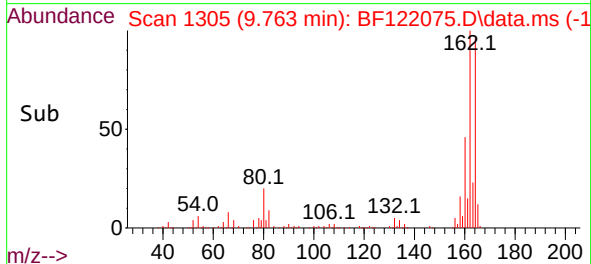
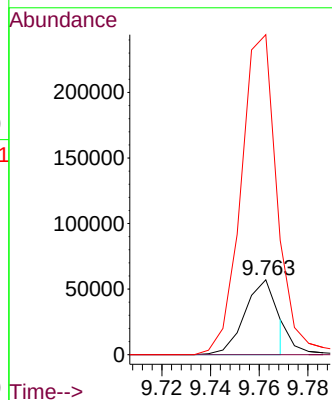
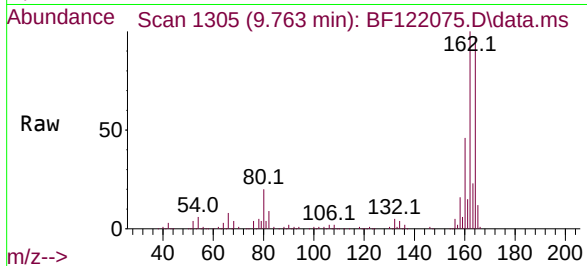




#50  
Dimethylphthalate  
Concen: 2.82 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.270 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

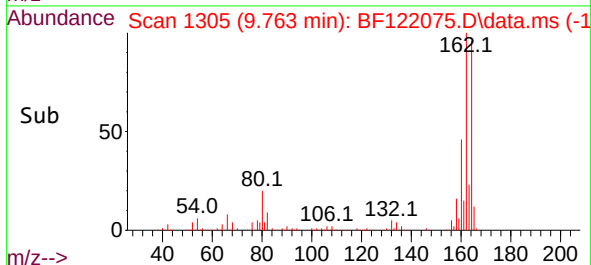
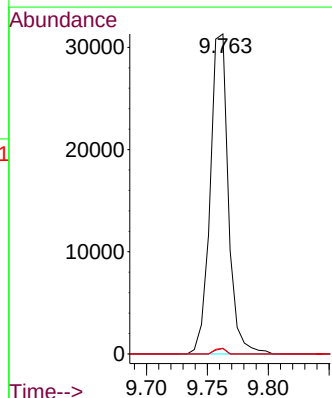
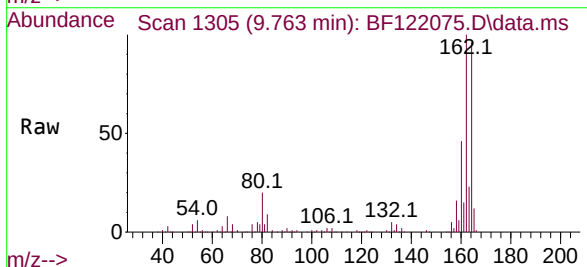
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

Tgt Ion:163 Resp: 53004  
Ion Ratio Lower Upper  
163 100  
194 0.0 3.3 4.9#  
164 427.1 8.2 12.4#

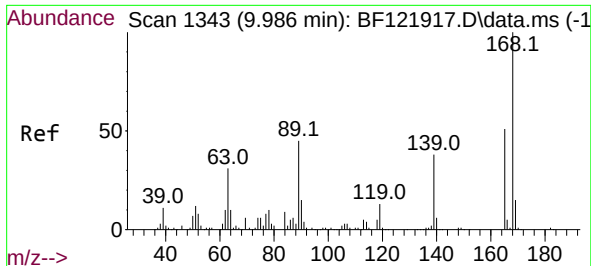


#51  
2,6-Dinitrotoluene  
Concen: 7.88 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. 0.200 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:165 Resp: 32520  
Ion Ratio Lower Upper  
165 100  
63 1.7 51.8 77.6#  
89 1.8 49.0 73.6#



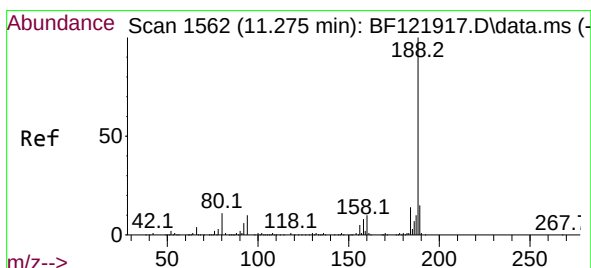
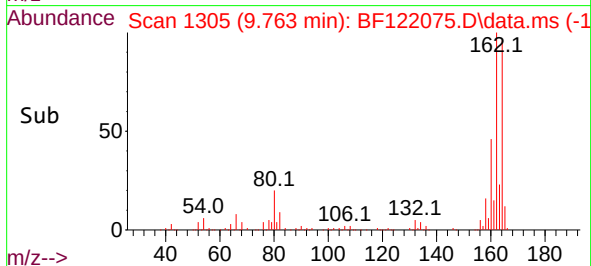
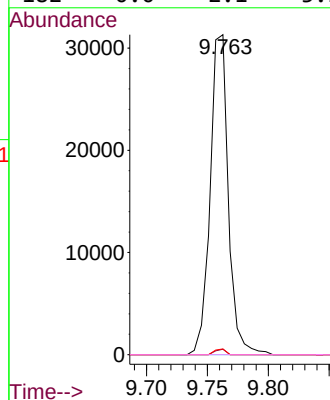
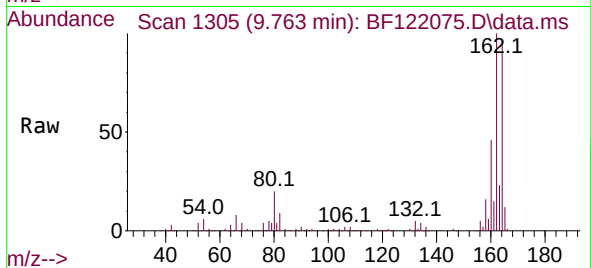




#57  
2,4-Dinitrotoluene  
Concen: 6.40 ng  
RT: 9.763 min Scan# 1305  
Delta R.T. -0.212 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

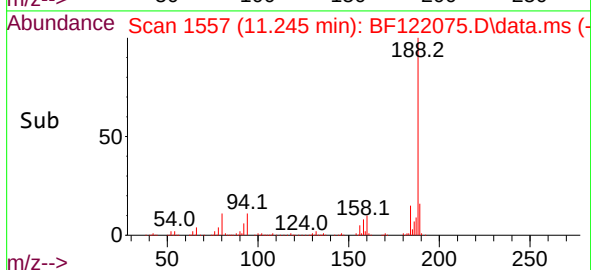
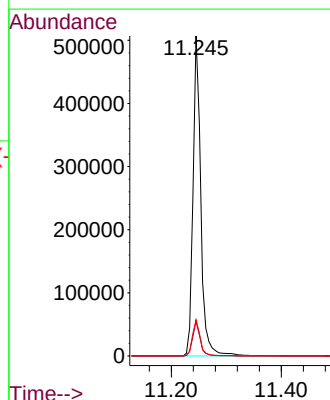
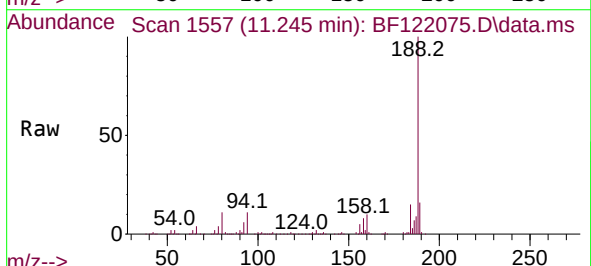
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

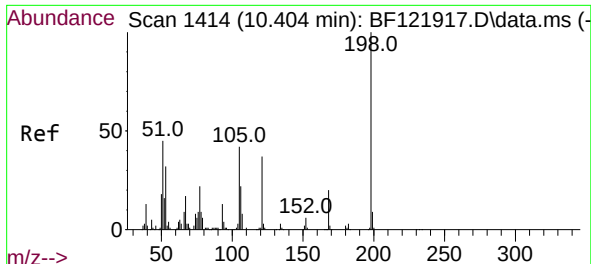
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:165 | Resp: | 32520      |
| Ion Ratio   | Lower | Upper      |
| 165         | 100   |            |
| 63          | 1.7   | 41.3 61.9# |
| 89          | 1.8   | 61.8 92.8# |
| 182         | 0.0   | 2.1 3.1#   |



#64  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.245 min Scan# 1557  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:188 | Resp: | 496929   |
| Ion Ratio   | Lower | Upper    |
| 188         | 100   |          |
| 94          | 10.8  | 8.3 12.5 |
| 80          | 11.4  | 9.1 13.7 |

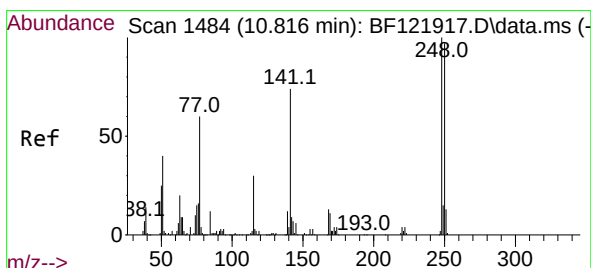
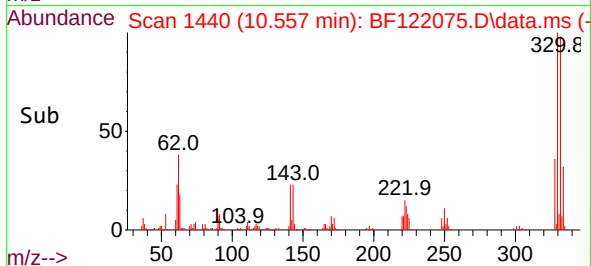
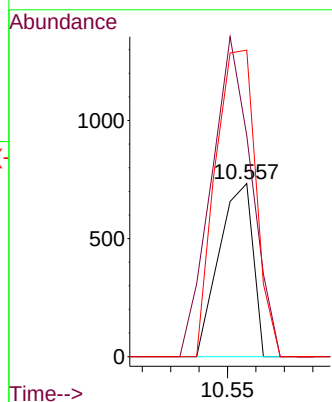
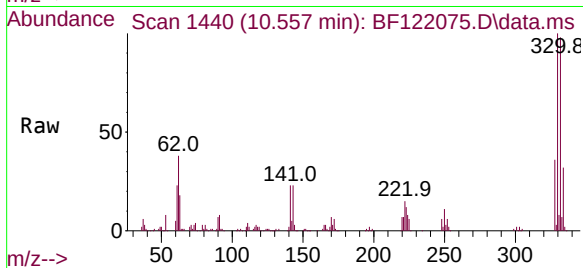




#65  
4,6-Dinitro-2-methylphenol  
Concen: 4.60 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. 0.170 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

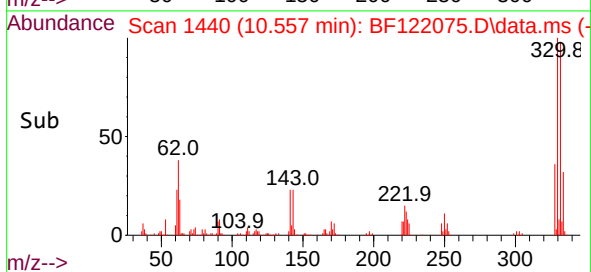
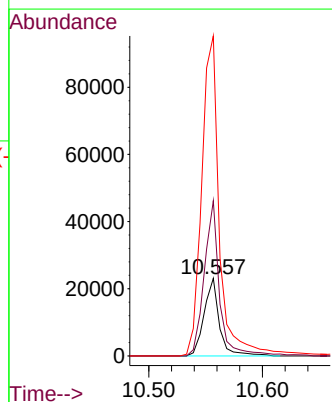
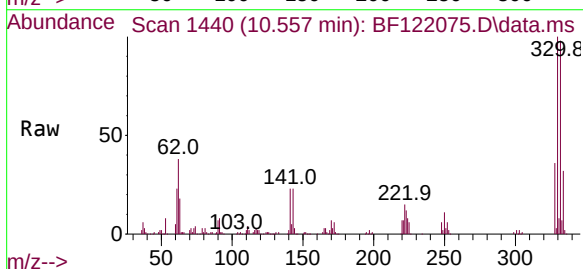
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

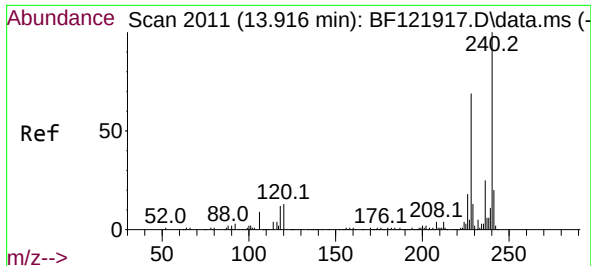
Tgt Ion:198 Resp: 607  
Ion Ratio Lower Upper  
198 100  
51 127.7 29.6 69.6#  
105 177.1 24.4 64.4#



#67  
4-Bromophenyl-phenylether  
Concen: 3.78 ng  
RT: 10.557 min Scan# 1440  
Delta R.T. -0.236 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:248 Resp: 21676  
Ion Ratio Lower Upper  
248 100  
250 200.1 77.0 115.6#  
141 412.6 53.7 80.5#

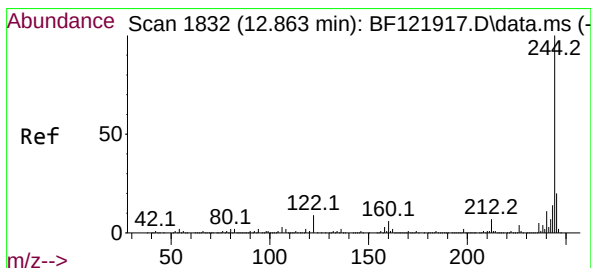
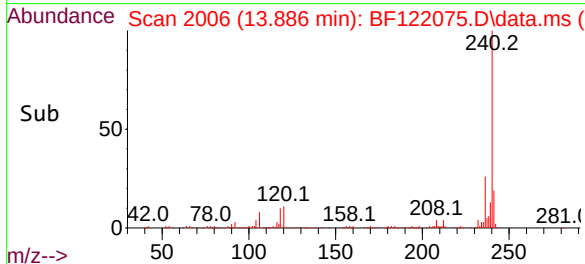
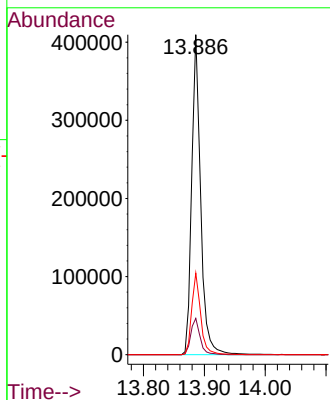
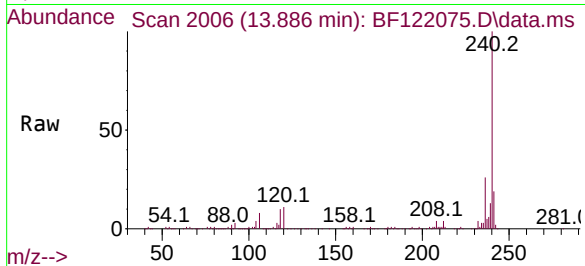




#76  
Chrysene-d12  
Concen: 20.00 ng  
RT: 13.886 min Scan# 2006  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

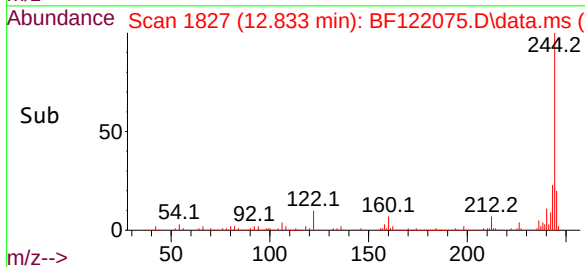
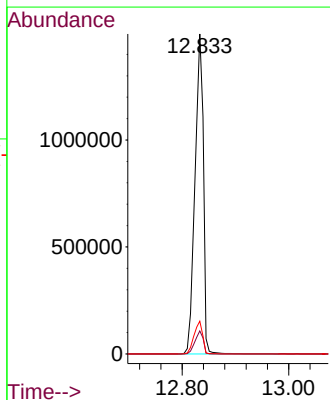
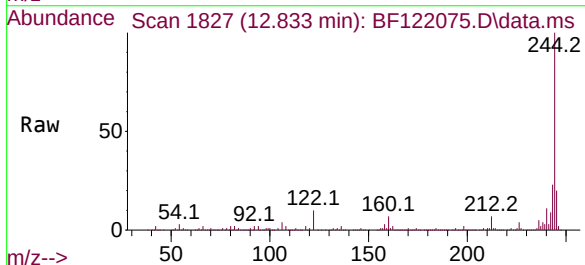
Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

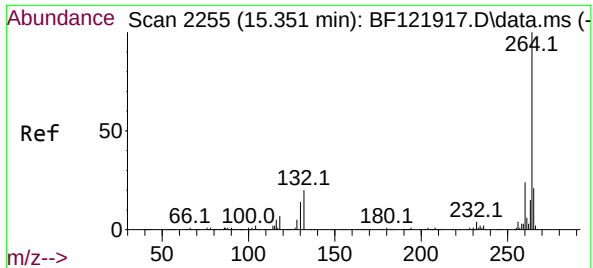
Tgt Ion:240 Resp: 420539  
Ion Ratio Lower Upper  
240 100  
120 11.4 9.2 13.8  
236 25.5 20.9 31.3



#79  
Terphenyl-d14  
Concen: 74.14 ng  
RT: 12.833 min Scan# 1827  
Delta R.T. -0.000 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Tgt Ion:244 Resp: 1636073  
Ion Ratio Lower Upper  
244 100  
212 7.2 5.4 8.2  
122 10.2 8.1 12.1





#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 15.321 min Scan# 2250  
Delta R.T. 0.006 min  
Lab File: BF122075.D  
Acq: 22 Oct 2020 10:48

Instrument :  
BNA\_F  
ClientSampleId :  
PB132523BL

Tgt Ion:264 Resp: 352483  
Ion Ratio Lower Upper  
264 100  
260 24.0 18.7 28.1  
265 21.4 17.3 25.9

