

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
 Data File : BF118771.D  
 Acq On : 31 Jan 2020 00:20  
 Operator : CG/JU  
 Sample : L1319-01  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Jan 31 01:25:56 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jan 27 14:24:10 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.85  | 152  | 224453   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 8.13  | 136  | 705627   | 20.00 | ng    | -0.02    |
| 39) Acenaphthene-d10      | 9.89  | 164  | 326909   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.37 | 188  | 591825   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 14.01 | 240  | 573137   | 20.00 | ng    | -0.01    |
| 87) Perylene-d12          | 15.47 | 264  | 617909   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.46  | 112  | 1238570  | 102.49 | ng    | -0.02    |
| 7) Phenol-d6                | 6.47  | 99   | 1490177  | 94.87  | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.40  | 82   | 945849   | 74.98  | ng    | -0.02    |
| 42) 2,4,6-Tribromophenol    | 10.68 | 330  | 397100   | 105.02 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.21  | 172  | 1552560  | 78.06  | ng    | -0.01    |
| 79) Terphenyl-d14           | 12.96 | 244  | 1857144  | 70.67  | ng    | 0.00     |

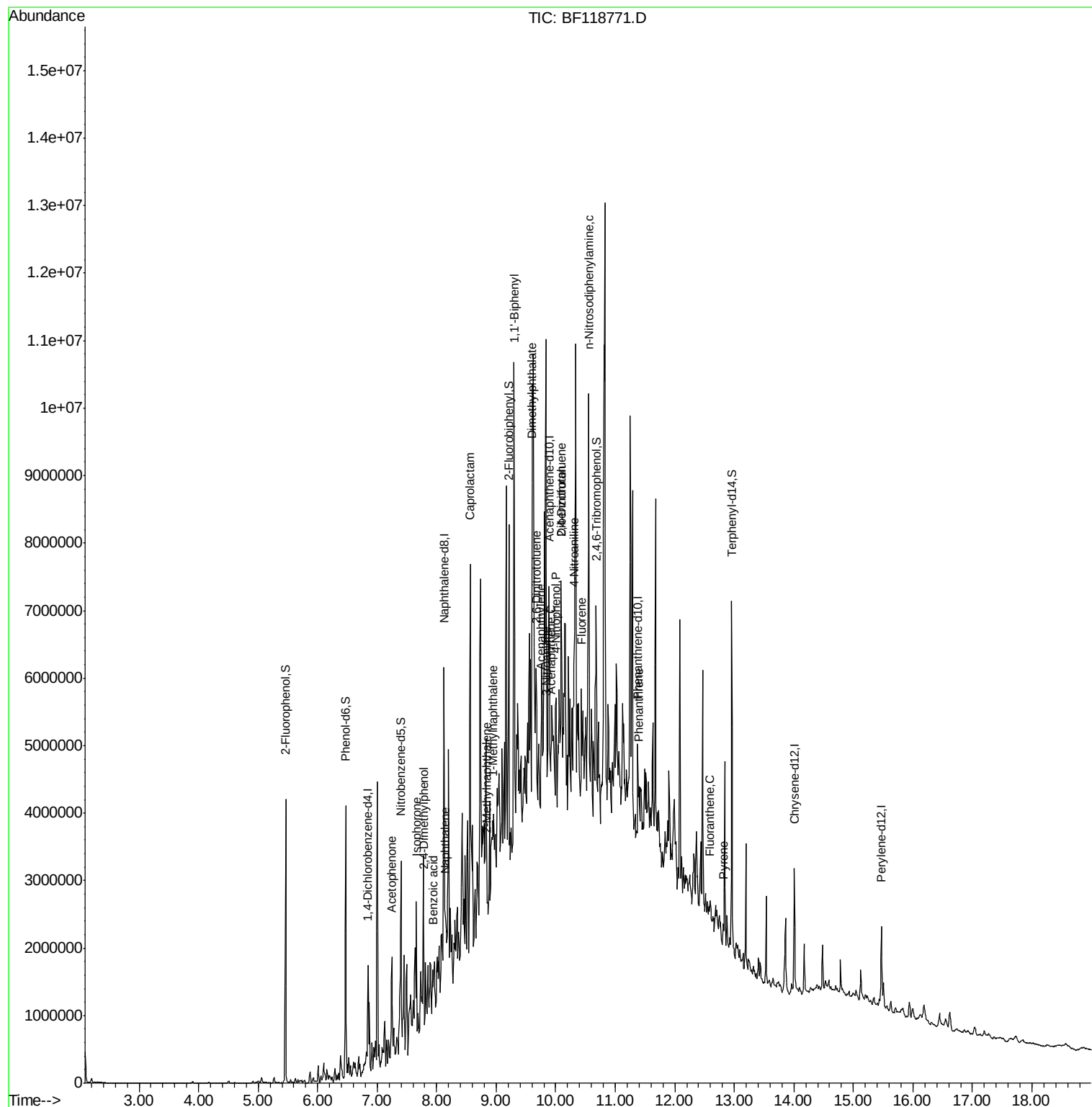
| Target Compounds           | R.T.  | QIon | Response | Conc   | Units | Qvalue |
|----------------------------|-------|------|----------|--------|-------|--------|
| 22) Acetophenone           | 7.24  | 105  | 47302    | 2.830  | ng    | # 42   |
| 25) Isophorone             | 7.66  | 82   | 94677    | 4.115  | ng    | # 1    |
| 27) 2,4-Dimethylphenol     | 7.79  | 122  | 22538    | 2.369  | ng    | # 1    |
| 31) Naphthalene            | 8.15  | 128  | 69745    | 2.188  | ng    | # 77   |
| 32) Benzoic acid           | 7.93  | 122  | 14632    | 2.050  | ng    | # 28   |
| 35) Caprolactam            | 8.56  | 113  | 180890   | 52.567 | ng    | # 55   |
| 37) 2-Methylnaphthalene    | 8.85  | 142  | 80701    | 3.587  | ng    | # 91   |
| 38) 1-Methylnaphthalene    | 8.95  | 142  | 118274   | 5.533  | ng    | # 92   |
| 46) 1,1'-Biphenyl          | 9.31  | 154  | 63362    | 2.812  | ng    | # 98   |
| 49) Acenaphthylene         | 9.75  | 152  | 67405    | 2.523  | ng    | # 1    |
| 50) Dimethylphthalate      | 9.60  | 163  | 82856    | 3.890  | ng    | # 39   |
| 51) 2,6-Dinitrotoluene     | 9.66  | 165  | 21880    | 4.588  | ng    | # 81   |
| 52) Acenaphthene           | 9.92  | 154  | 57848    | 3.238  | ng    | # 82   |
| 53) 3-Nitroaniline         | 9.85  | 138  | 31961    | 5.869  | ng    | # 23   |
| 55) Dibenzofuran           | 10.09 | 168  | 65432    | 2.643  | ng    | # 1    |
| 56) 4-Nitrophenol          | 10.00 | 139  | 25936    | 6.309  | ng    | # 1    |
| 57) 2,4-Dinitrotoluene     | 10.10 | 165  | 18548    | 3.085  | ng    | # 61   |
| 58) Fluorene               | 10.44 | 166  | 92396    | 4.754  | ng    | # 70   |
| 62) 4-Nitroaniline         | 10.31 | 138  | 21375    | 3.826  | ng    | # 82   |
| 66) n-Nitrosodiphenylamine | 10.56 | 169  | 293098   | 16.422 | ng    | # 46   |
| 71) Phenanthrene           | 11.40 | 178  | 168911   | 5.916  | ng    | # 80   |
| 75) Fluoranthene           | 12.59 | 202  | 80436    | 2.671  | ng    | # 88   |
| 78) Pyrene                 | 12.82 | 202  | 110673   | 2.844  | ng    | # 93   |

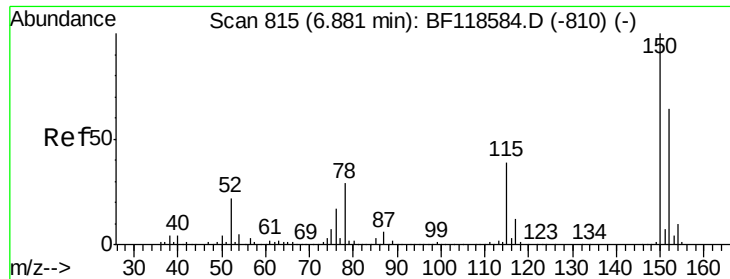
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\  
Data File : BF118771.D  
Acq On : 31 Jan 2020 00:20  
Operator : CG/JU  
Sample : L1319-01  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Jan 31 01:25:56 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Mon Jan 27 14:24:10 2020  
Response via : Initial Calibration



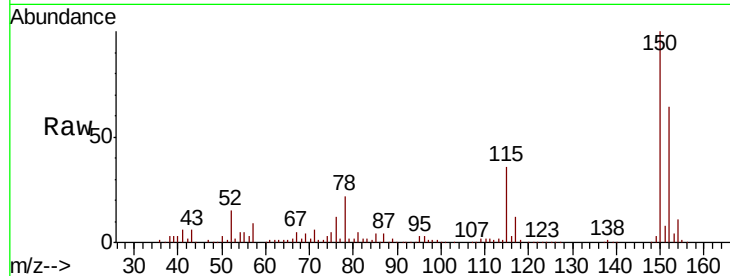


#1

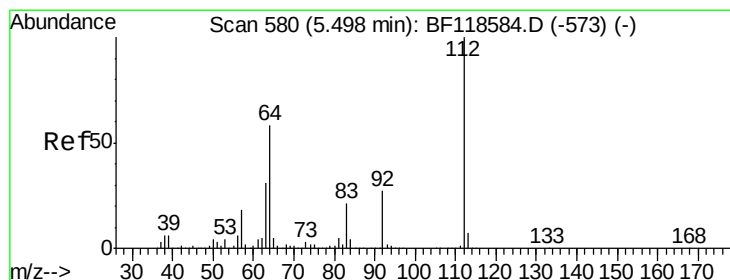
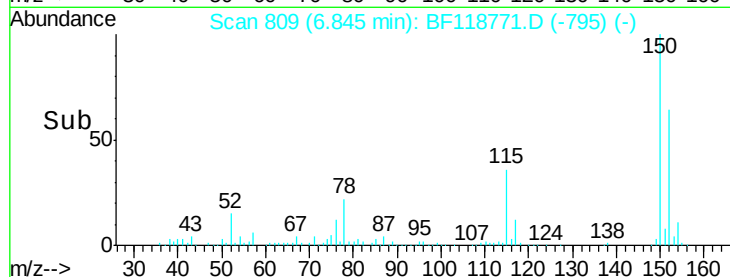
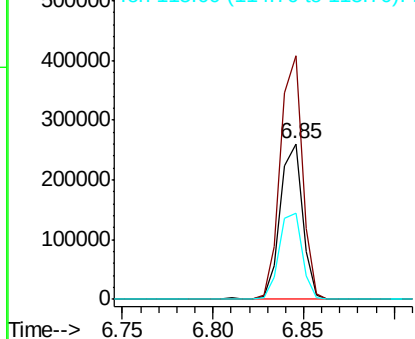
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.85 min Scan# 809  
Delta R.T. -0.02 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 224453  
Ion Ratio Lower Upper  
152 100  
150 156.4 123.7 185.5  
115 55.6 45.1 67.7



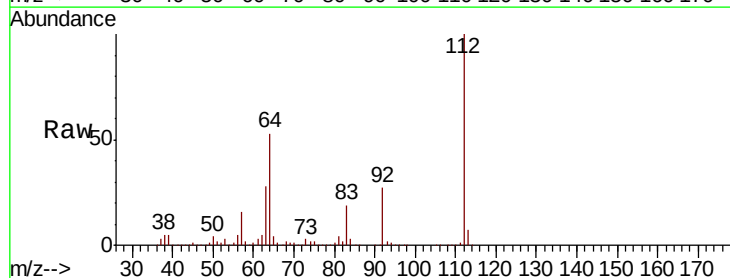
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



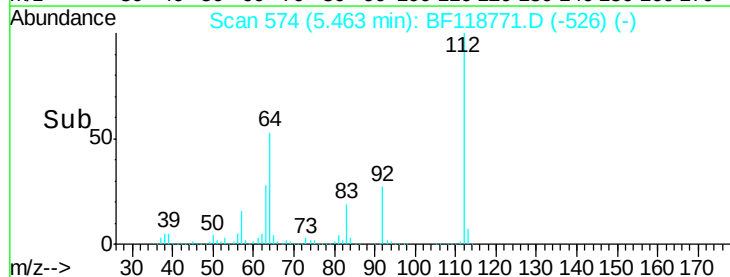
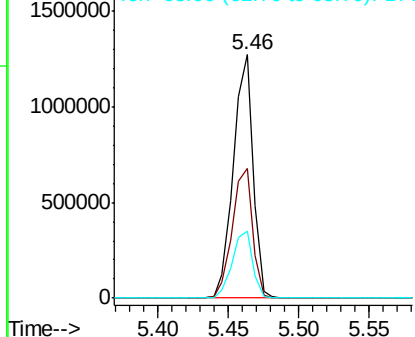
#5

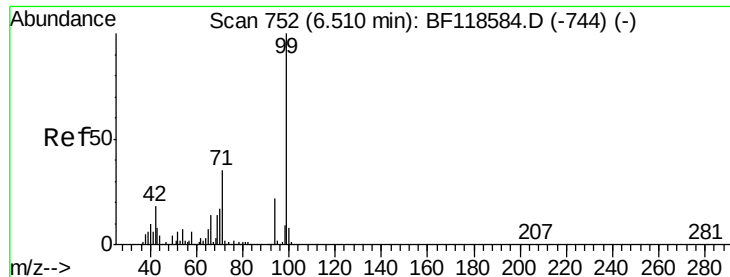
2-Fluorophenol  
Concen: 102.486 ng  
RT: 5.46 min Scan# 574  
Delta R.T. -0.02 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:112 Resp: 1238570  
Ion Ratio Lower Upper  
112 100  
64 53.4 42.4 63.6  
63 27.8 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 94.869 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.02 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

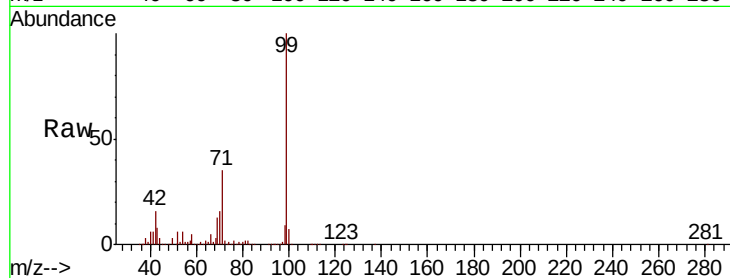
Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 99 Resp: 1490177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 15.7  | 13.1  | 19.7  |
| 71  | 35.0  | 28.4  | 42.6  |

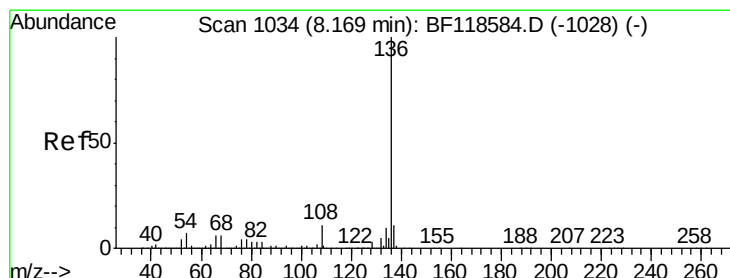
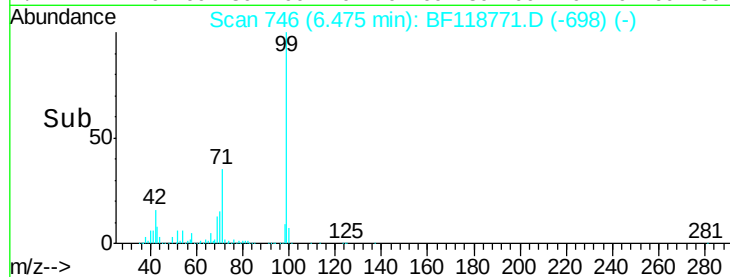


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

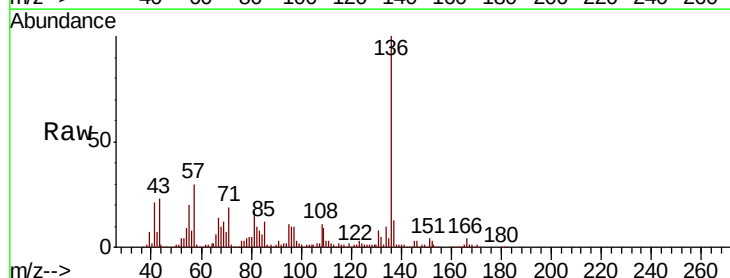
Delta R.T. -0.02 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Tgt Ion: 136 Resp: 705627

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 136 | 100   |       |       |
| 137 | 12.6  | 8.9   | 13.3  |
| 54  | 9.2   | 5.1   | 7.7#  |
| 68  | 9.6   | 4.3   | 6.5#  |



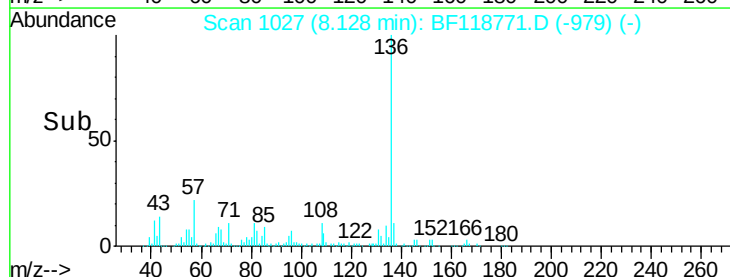
Abundance

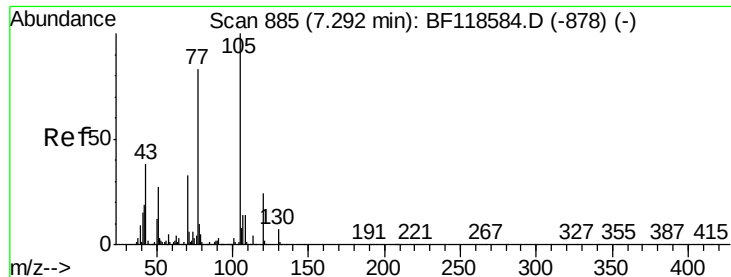
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 2.830 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.03 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:105 Resp: 47302

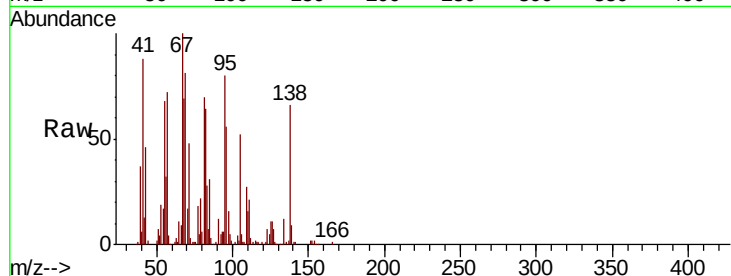
Ion Ratio Lower Upper

105 100

71 92.7 4.3 6.5#

51 13.9 23.5 35.3#

120 0.0 18.6 28.0#

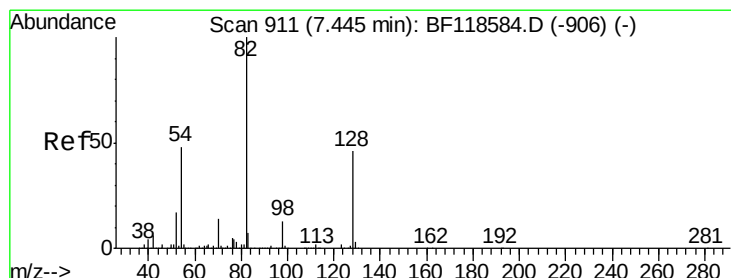
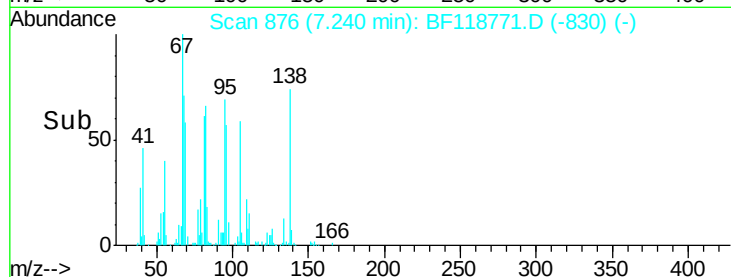
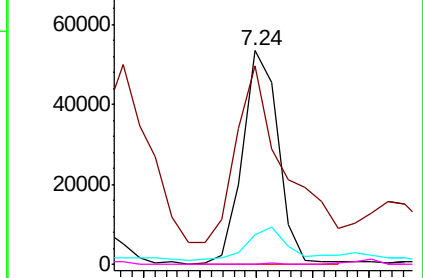


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 74.976 ng

RT: 7.40 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

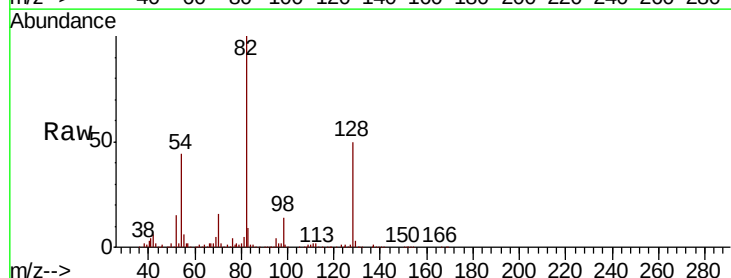
Tgt Ion: 82 Resp: 945849

Ion Ratio Lower Upper

82 100

128 50.0 38.2 57.2

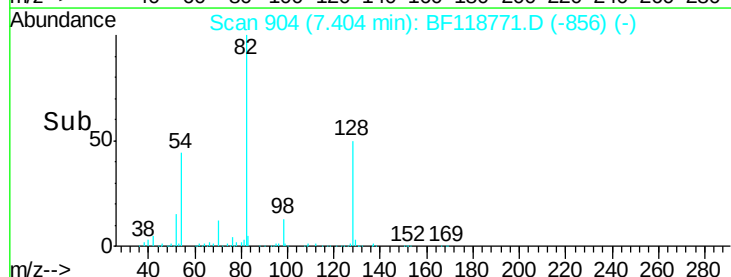
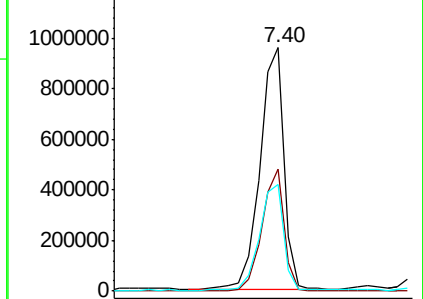
54 43.6 36.1 54.1

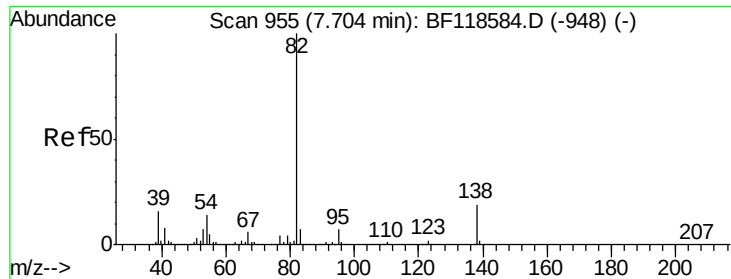


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 4.115 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampleId :

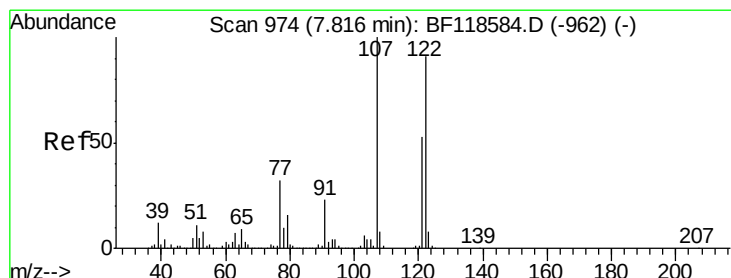
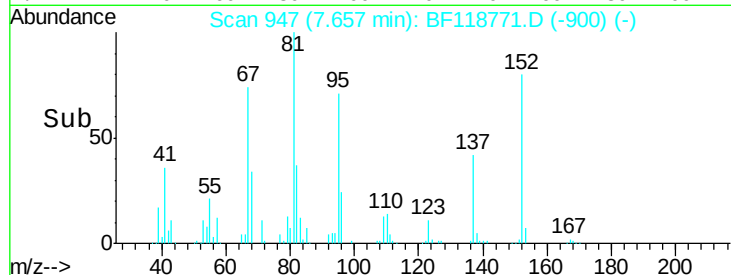
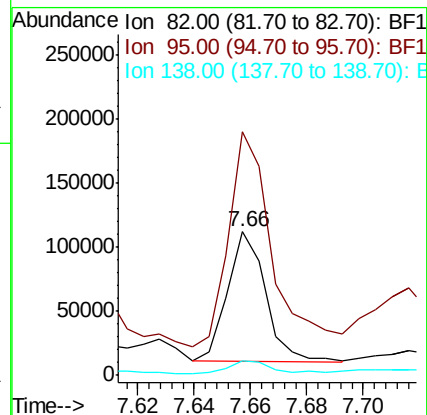
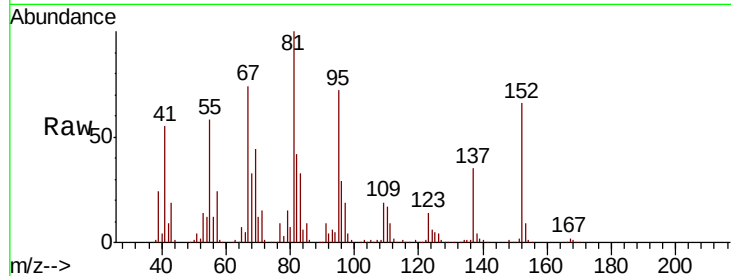
Tot Ion: 82 Resp: 94677

Ion Ratio Lower Upper

82 100

95 169.4 5.8 8.8#

138 10.4 15.8 23.8#



#27

2,4-Dimethylphenol

Concen: 2.369 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

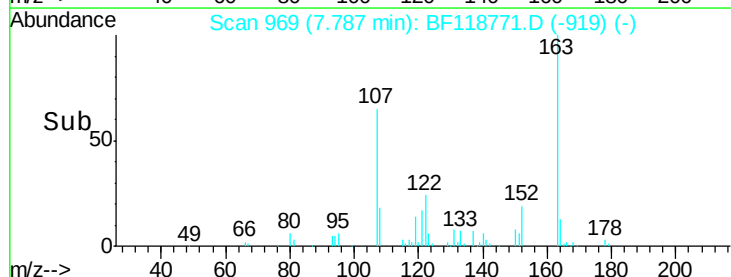
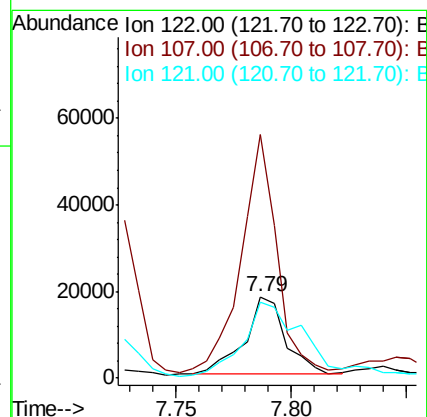
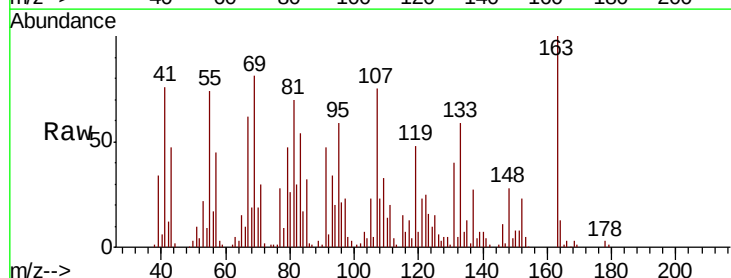
Tgt Ion: 122 Resp: 22538

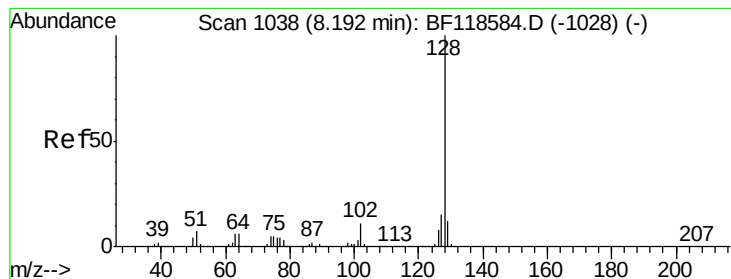
Ion Ratio Lower Upper

122 100

107 298.9 91.8 137.8#

121 93.7 46.8 70.2#





#31

Naphthalene

Concen: 2.188 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampleId :

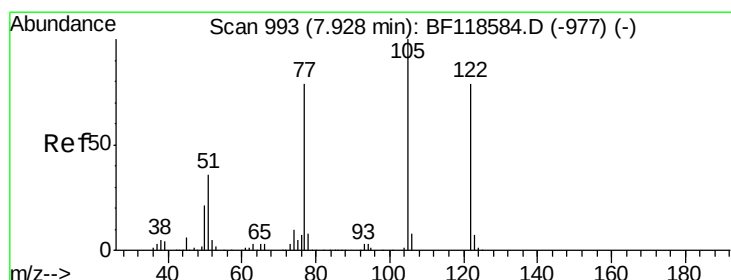
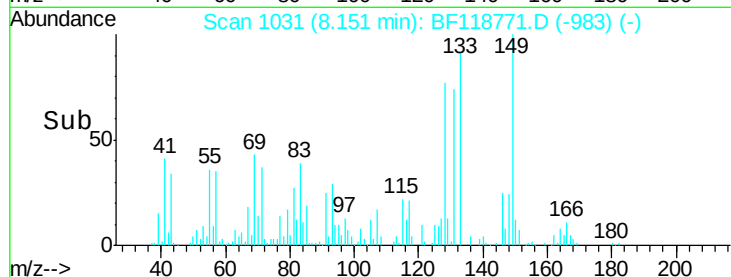
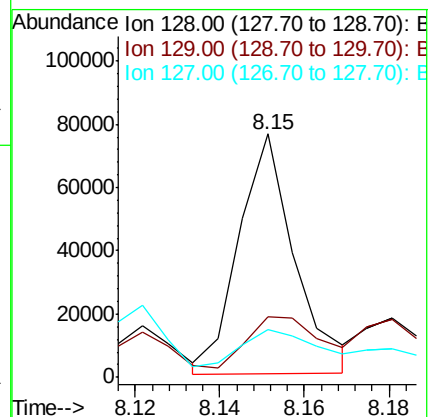
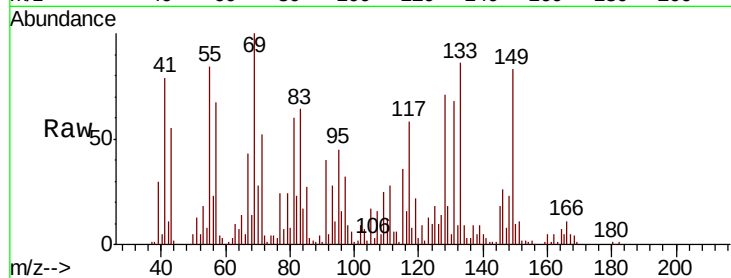
Tot Ion:128 Resp: 69745

Ion Ratio Lower Upper

128 100

129 24.6 9.4 14.0#

127 19.8 11.3 16.9#



#32

Benzoic acid

Concen: 2.050 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

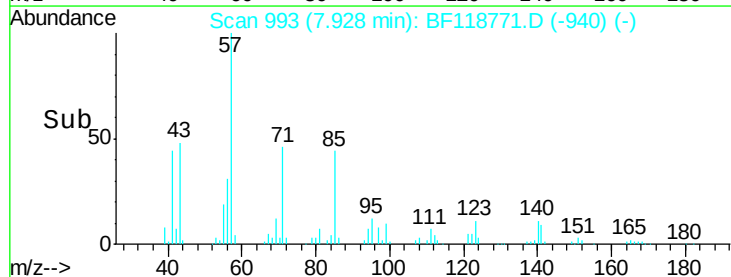
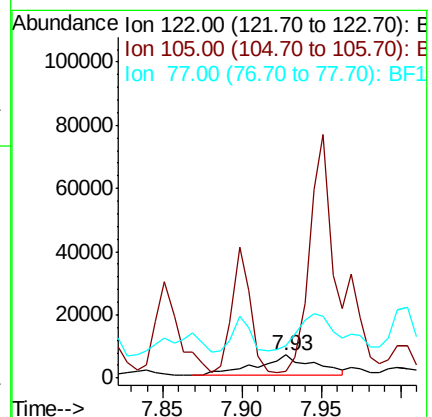
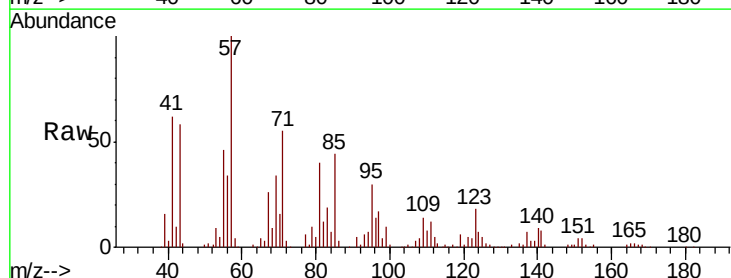
Tgt Ion:122 Resp: 14632

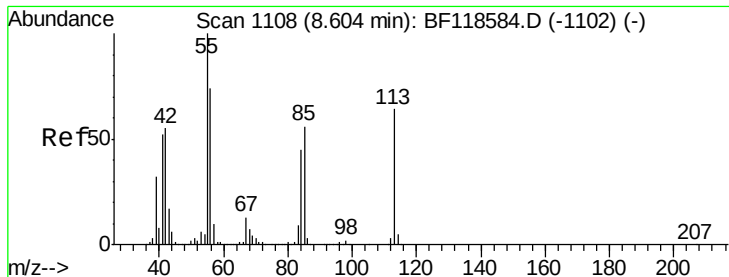
Ion Ratio Lower Upper

122 100

105 31.9 100.9 140.9#

77 141.7 65.1 105.1#

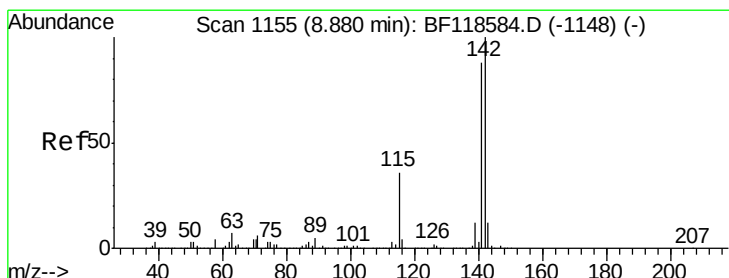
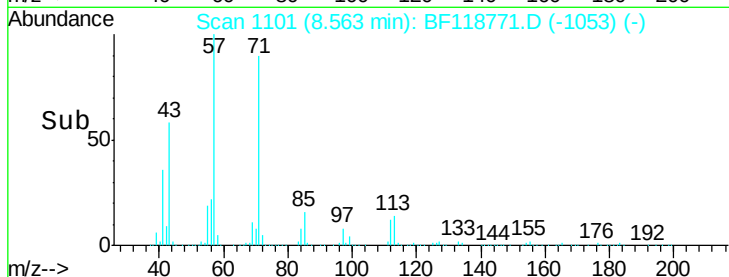
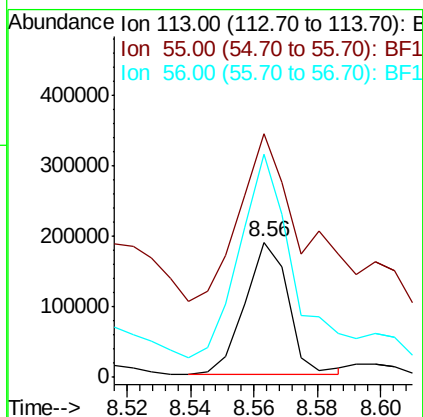
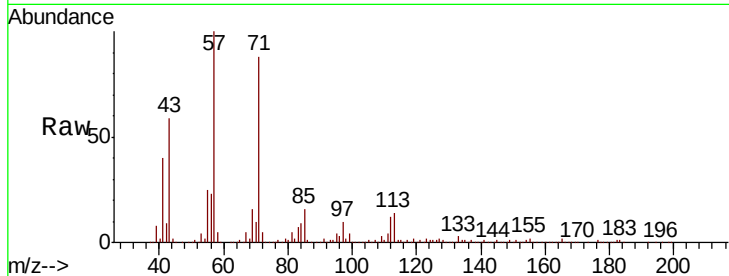




#35  
 Caprolactam  
 Concen: 52.567 ng  
 RT: 8.56 min Scan# 1101  
 Delta R.T. -0.02 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

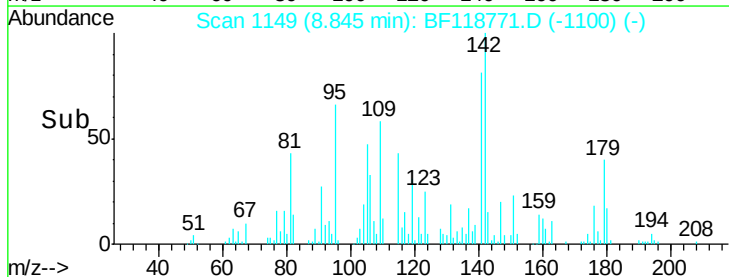
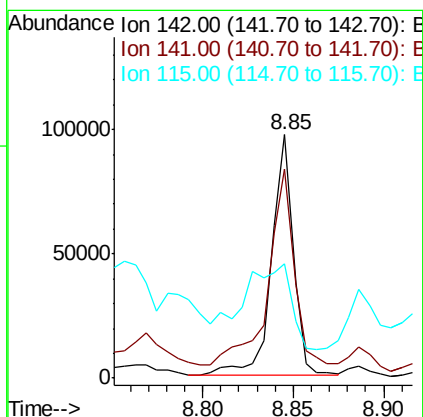
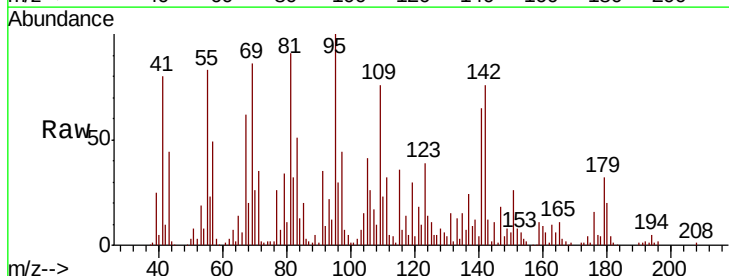
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:113 Resp: 180890  
 Ion Ratio Lower Upper  
 113 100  
 55 180.6 119.0 159.0#  
 56 165.5 85.4 125.4#

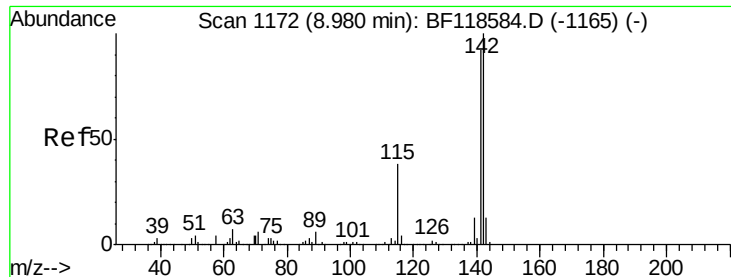


#37  
 2-Methylnaphthalene  
 Concen: 3.587 ng  
 RT: 8.85 min Scan# 1149  
 Delta R.T. -0.01 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

Tgt Ion:142 Resp: 80701  
 Ion Ratio Lower Upper  
 142 100  
 141 85.8 71.4 107.0  
 115 47.0 27.5 41.3#



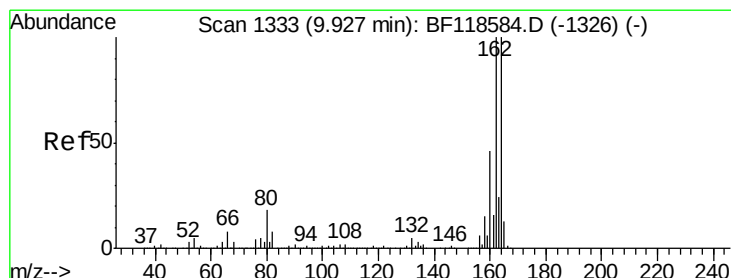
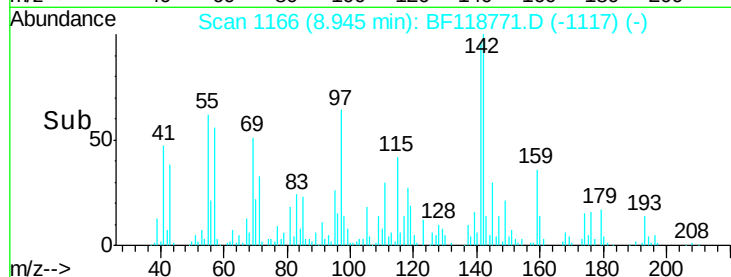
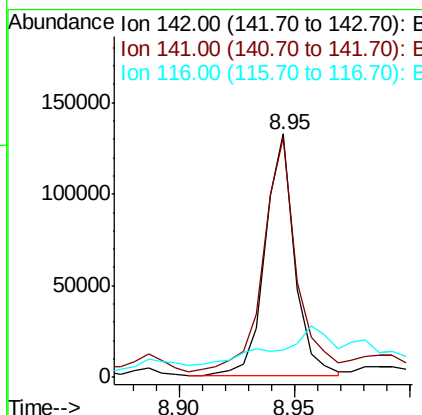
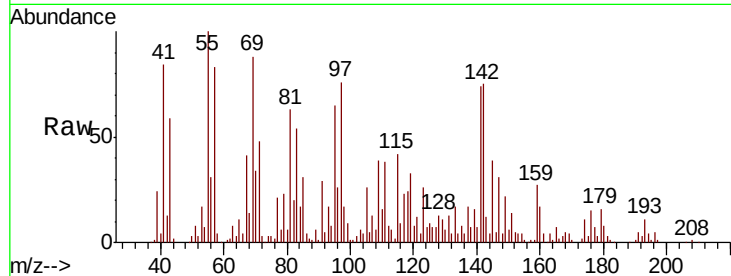




#38  
1-Methylnaphthalene  
Concen: 5.533 ng  
RT: 8.95 min Scan# 1166  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

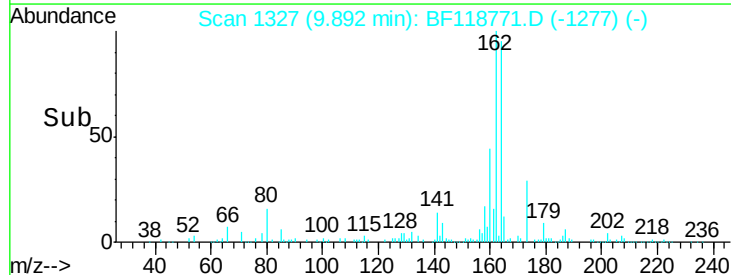
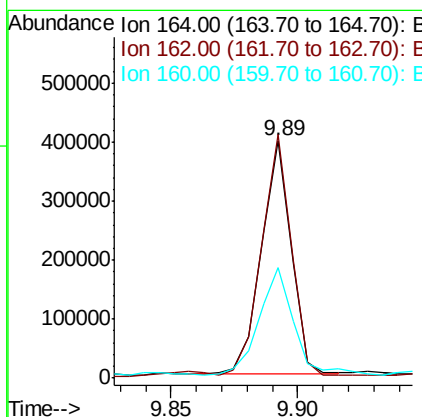
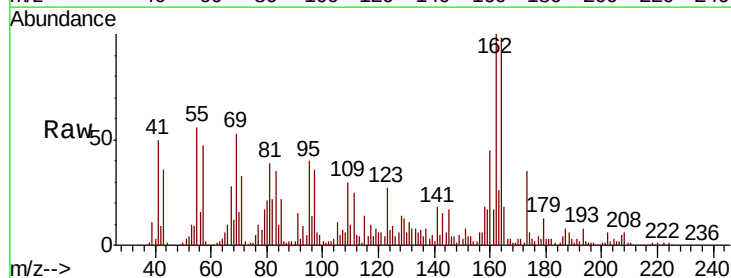
Instrument :  
BNA\_F  
ClientSampled :

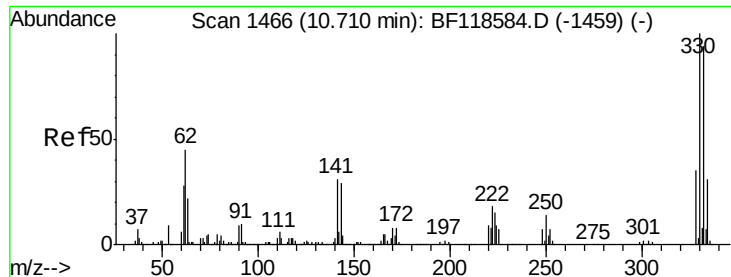
Tot Ion:142 Resp: 118274  
Ion Ratio Lower Upper  
142 100  
141 98.6 73.5 110.3  
116 11.3 3.0 4.6#



#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.89 min Scan# 1327  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:164 Resp: 326909  
Ion Ratio Lower Upper  
164 100  
162 102.4 80.8 121.2  
160 46.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 105.022 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampled :

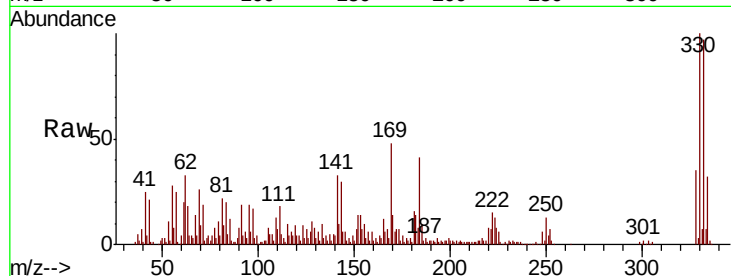
Tot Ion:330 Resp: 397100

Ion Ratio Lower Upper

330 100

332 97.7 77.6 116.4

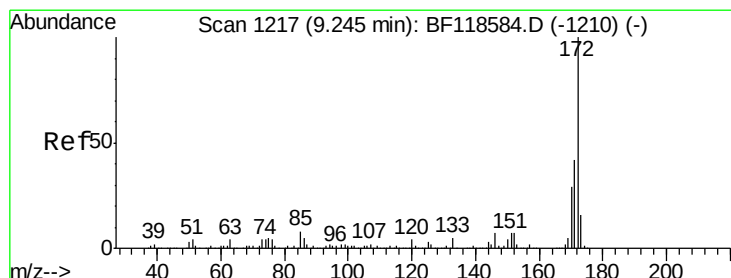
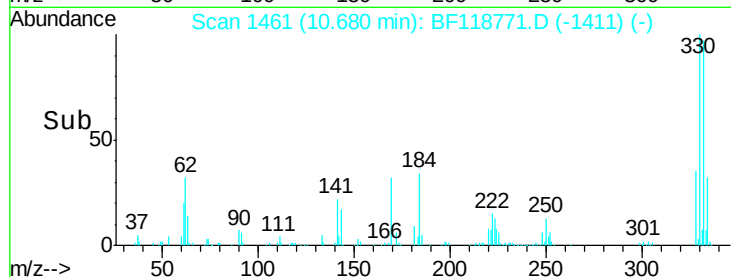
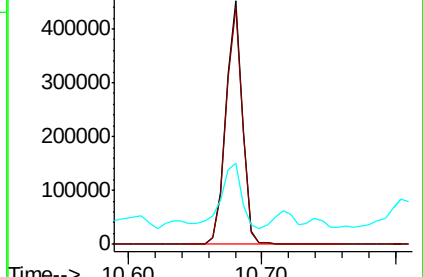
141 32.3 22.2 33.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 78.059 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

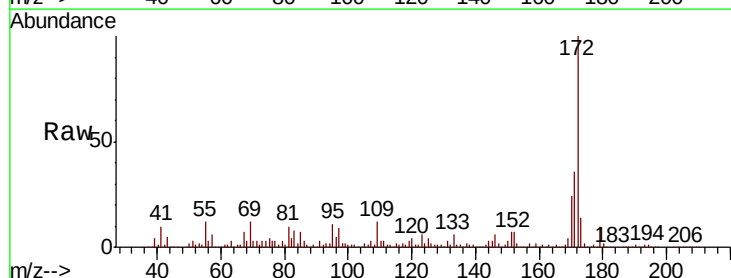
Tgt Ion:172 Resp: 1552560

Ion Ratio Lower Upper

172 100

171 36.4 31.0 46.4

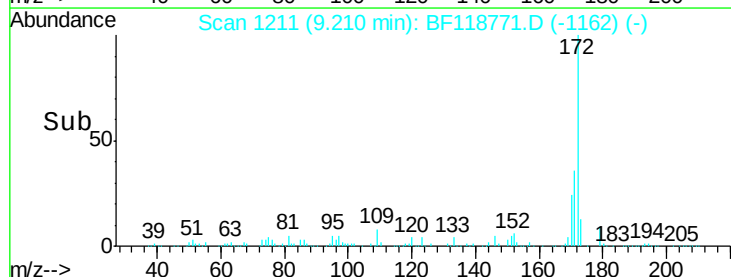
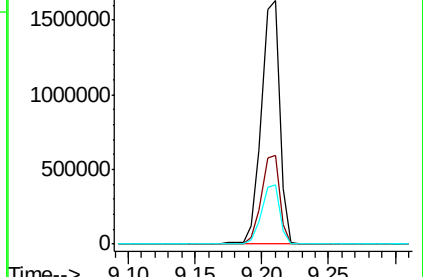
170 24.1 20.7 31.1

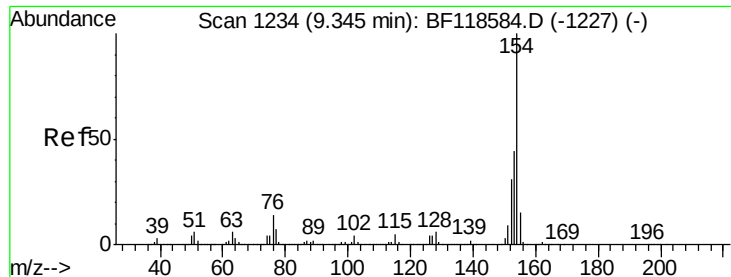


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

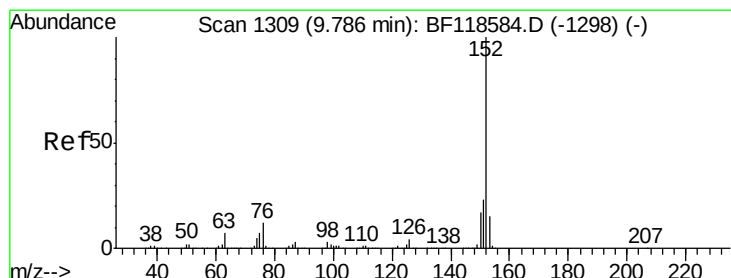
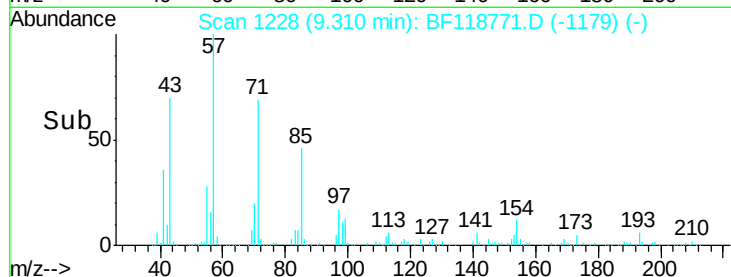
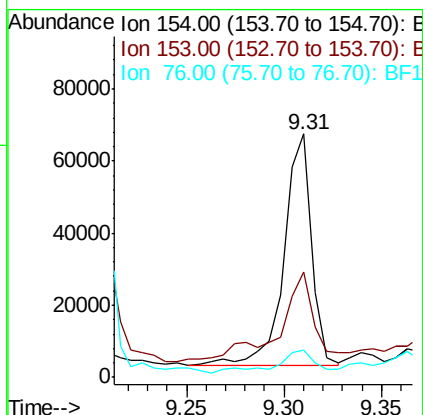
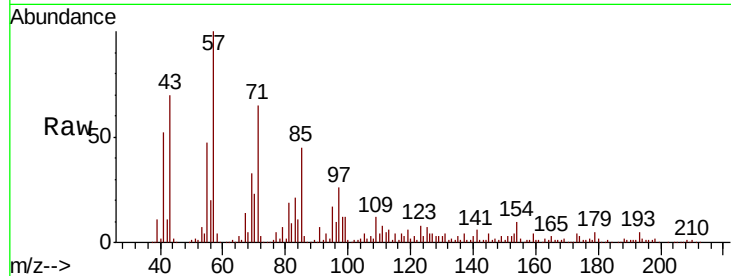




#46  
 1,1'-Biphenyl  
 Concen: 2.812 ng  
 RT: 9.31 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

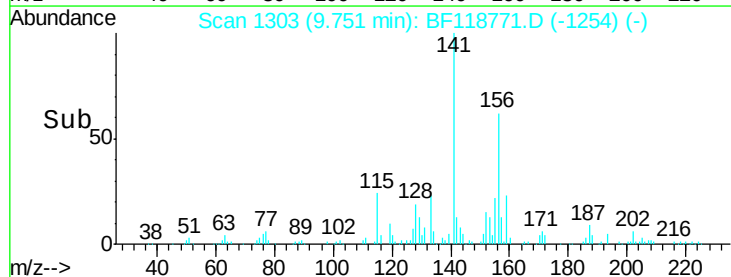
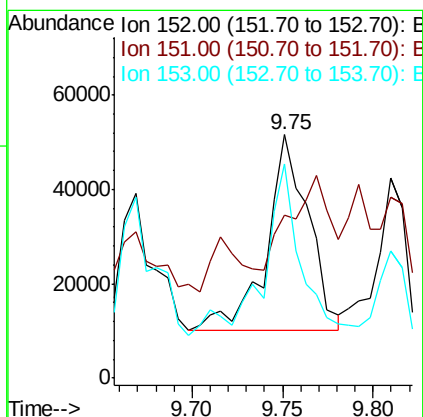
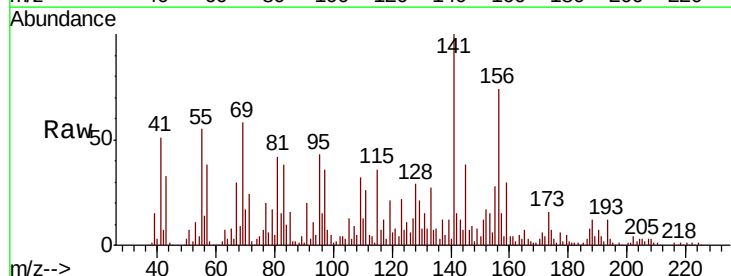
Instrument :  
 BNA\_F  
 ClientSampleId :

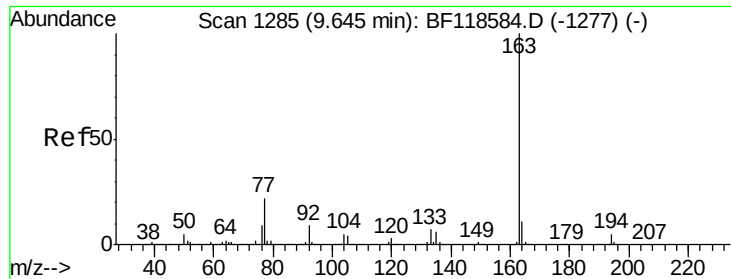
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.1  | 22.3  | 62.3  |
| 76      | 11.0  | 0.0   | 32.0  |



#49  
 Acenaphthylene  
 Concen: 2.523 ng  
 RT: 9.75 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 66.9  | 17.1  | 25.7# |
| 153     | 88.2  | 11.0  | 16.4# |

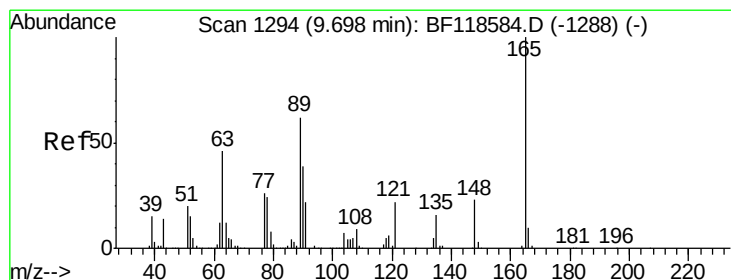
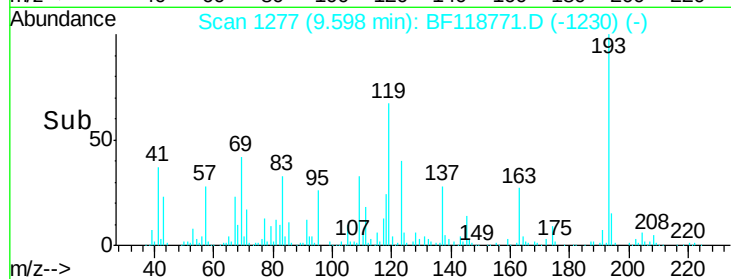
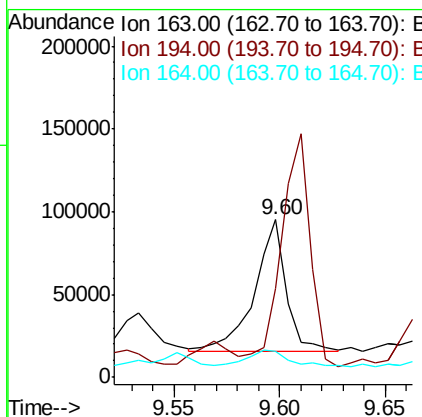
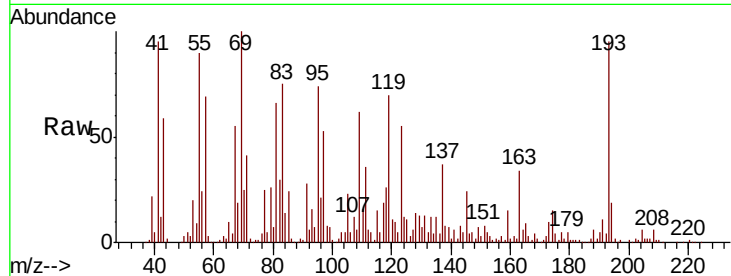




#50  
Dimethylphthalate  
Concen: 3.890 ng  
RT: 9.60 min Scan# 1277  
Delta R.T. -0.02 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

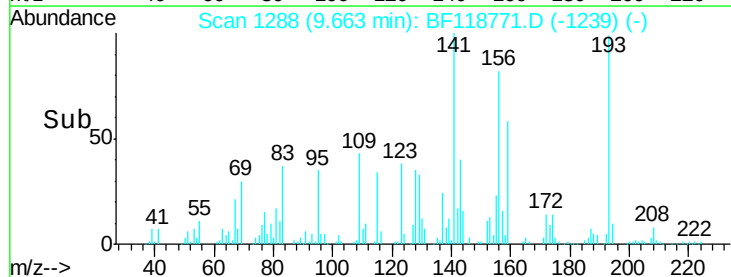
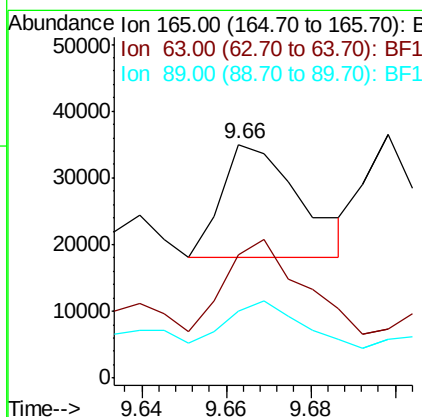
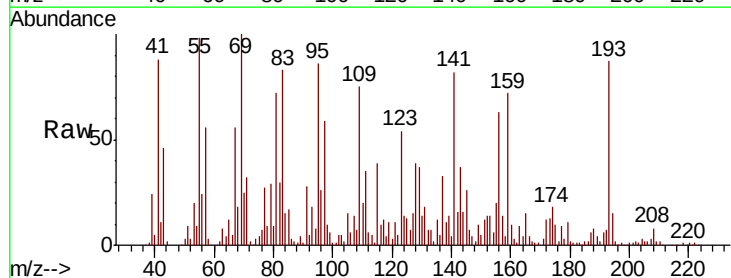
Instrument :  
BNA\_F  
ClientSampleId :

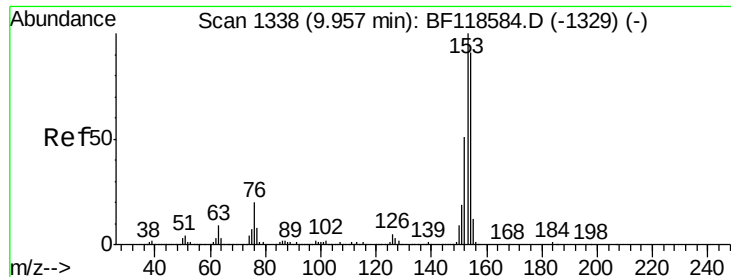
Tot Ion:163 Resp: 82856  
Ion Ratio Lower Upper  
163 100  
194 56.5 3.7 5.5#  
164 16.7 8.2 12.2#



#51  
2,6-Dinitrotoluene  
Concen: 4.588 ng  
RT: 9.66 min Scan# 1288  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:165 Resp: 21880  
Ion Ratio Lower Upper  
165 100  
63 52.9 39.8 59.6  
89 28.4 41.4 62.2#





#52

Acenaphthene

Concen: 3.238 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampled :

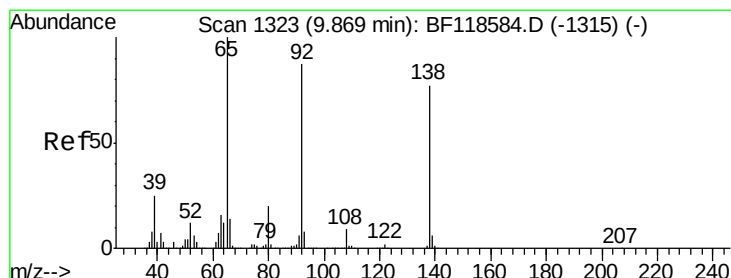
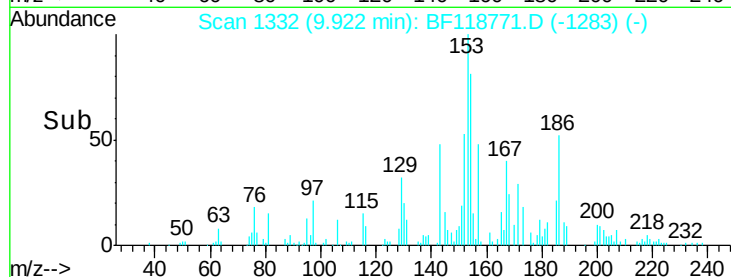
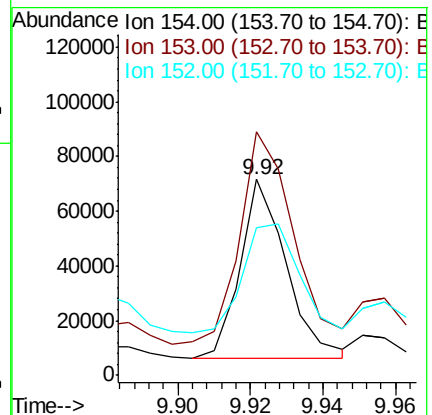
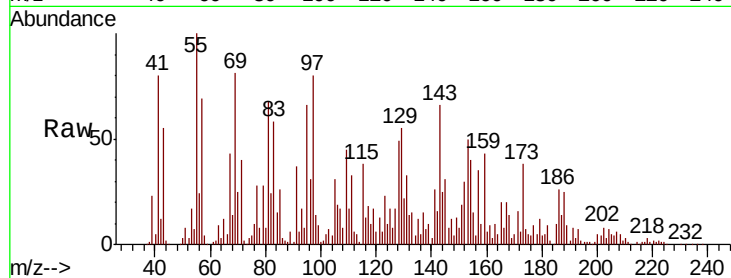
Tot Ion:154 Resp: 57848

Ion Ratio Lower Upper

154 100

153 124.4 89.1 133.7

152 75.3 43.0 64.6#



#53

3-Nitroaniline

Concen: 5.869 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

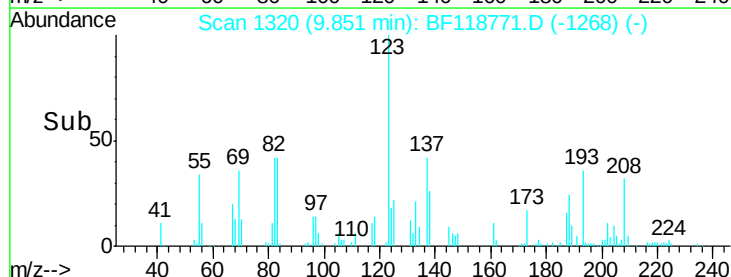
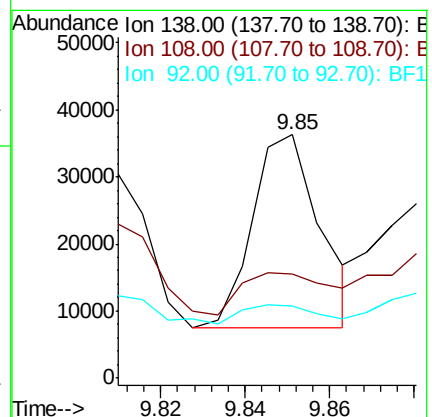
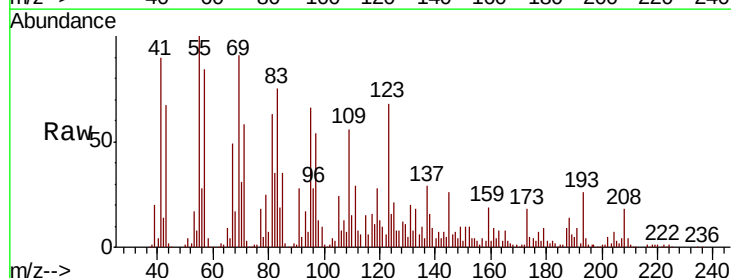
Tgt Ion:138 Resp: 31961

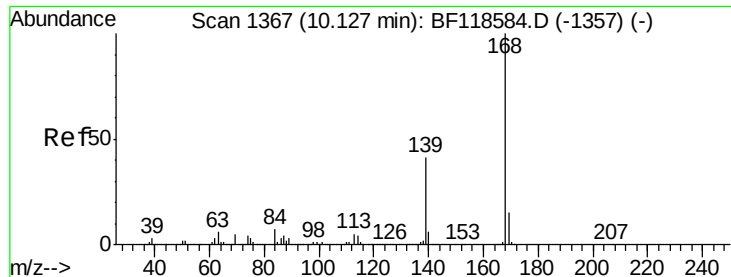
Ion Ratio Lower Upper

138 100

108 42.6 8.8 13.2#

92 29.5 87.8 131.6#

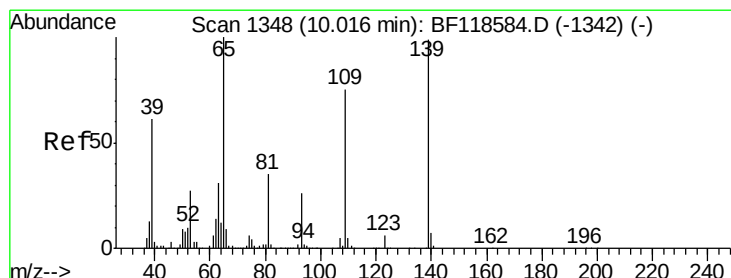
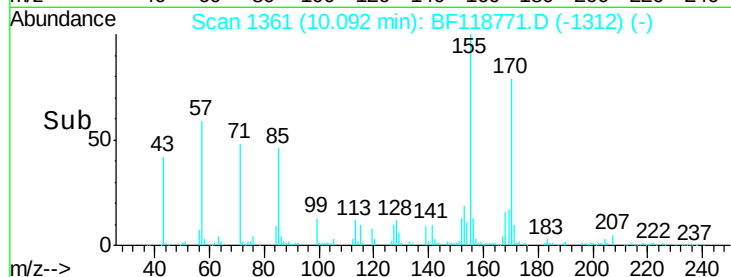
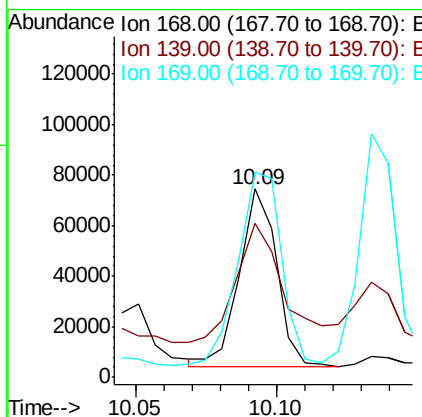
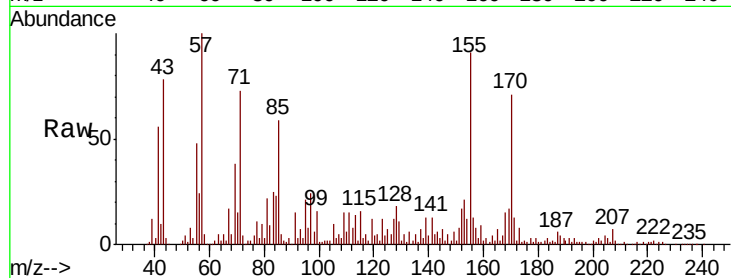




#55  
Dibenzofuran  
Concen: 2.643 ng  
RT: 10.09 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

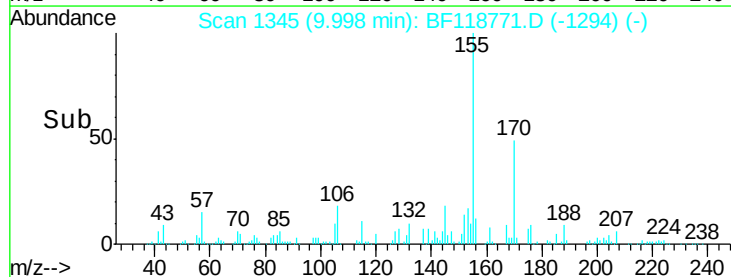
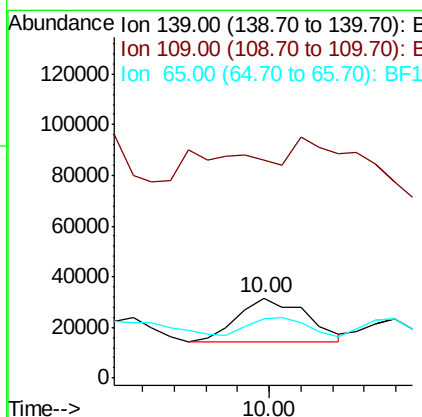
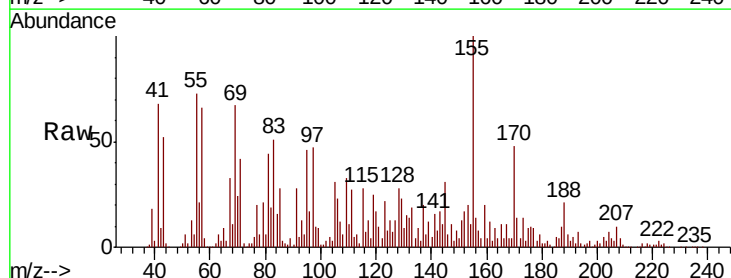
Instrument :  
BNA\_F  
ClientSampleId :

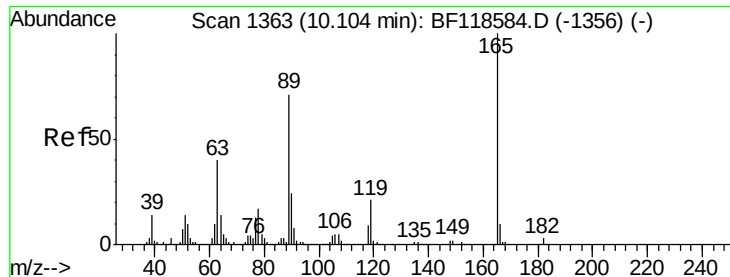
Tot Ion:168 Resp: 65432  
Ion Ratio Lower Upper  
168 100  
139 81.9 31.6 47.4#  
169 109.2 11.4 17.0#



#56  
4-Nitrophenol  
Concen: 6.309 ng  
RT: 10.00 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:139 Resp: 25936  
Ion Ratio Lower Upper  
139 100  
109 272.1 47.0 87.0#  
65 73.9 65.7 105.7

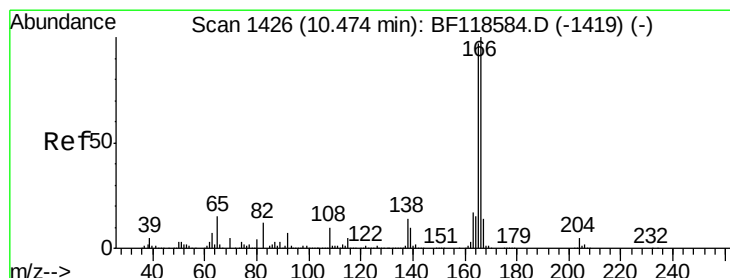
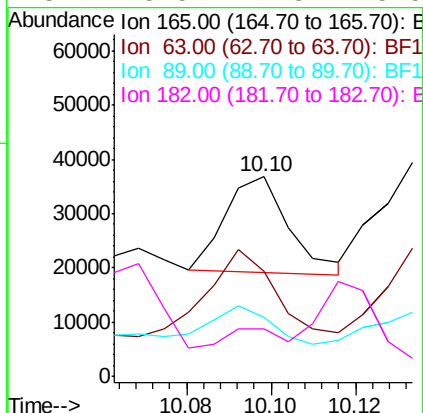
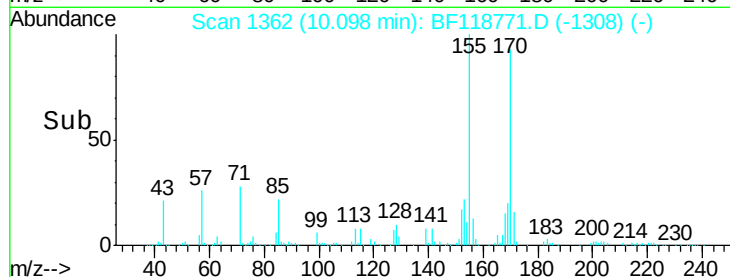
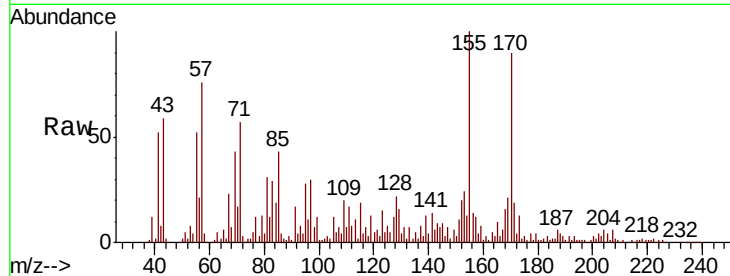




#57  
2,4-Dinitrotoluene  
Concen: 3.085 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. 0.02 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

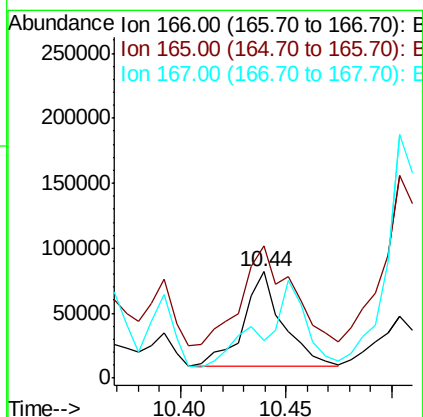
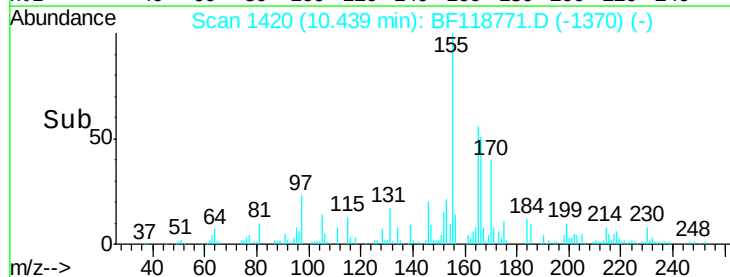
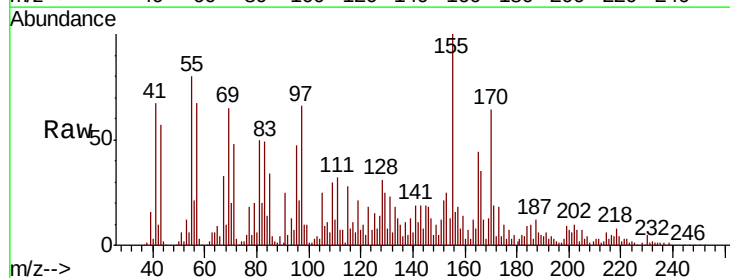
Instrument :  
BNA\_F  
ClientSampleId :

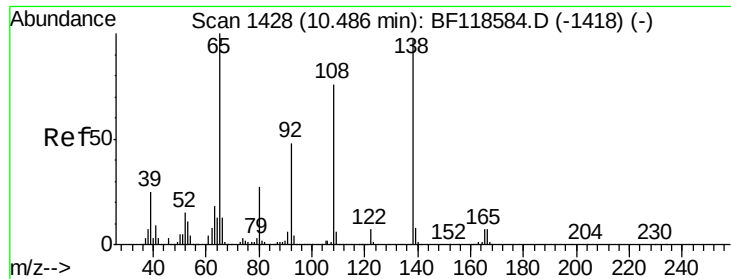
Tot Ion:165 Resp: 18548  
Ion Ratio Lower Upper  
165 100  
63 52.9 28.5 42.7#  
89 29.6 50.4 75.6#  
182 23.5 2.3 3.5#



#58  
Fluorene  
Concen: 4.754 ng  
RT: 10.44 min Scan# 1420  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:166 Resp: 92396  
Ion Ratio Lower Upper  
166 100  
165 124.9 78.6 118.0#  
167 35.0 11.4 17.2#

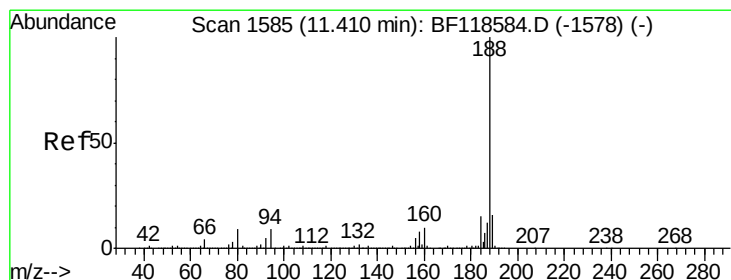
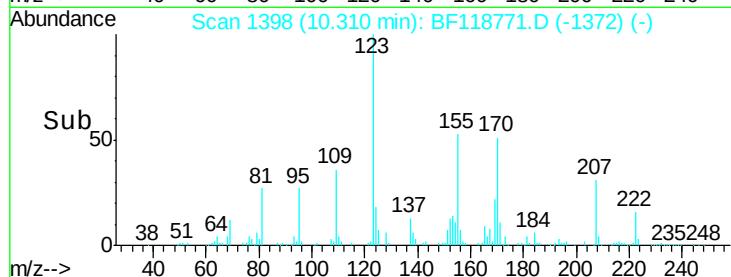
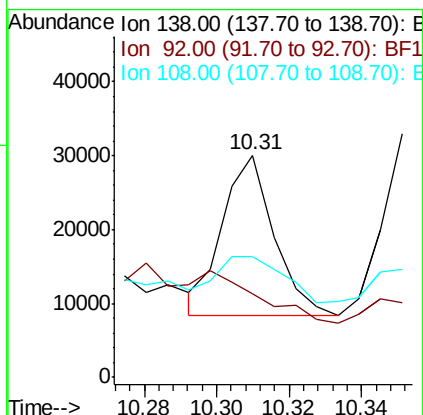
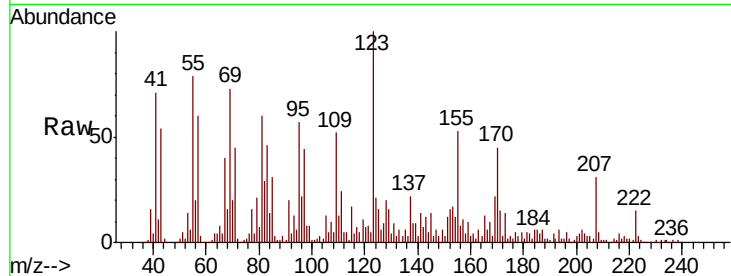




#62  
4-Nitroaniline  
Concen: 3.826 ng  
RT: 10.31 min Scan# 1398  
Delta R.T. -0.15 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

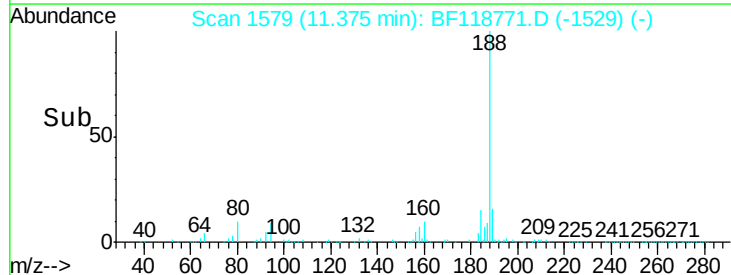
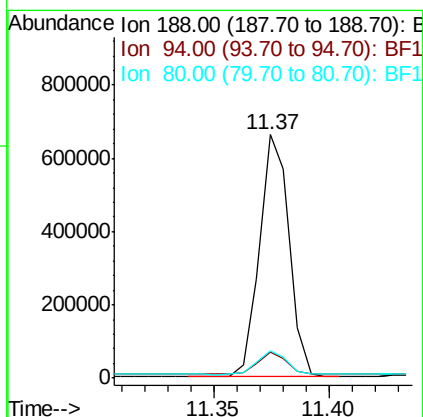
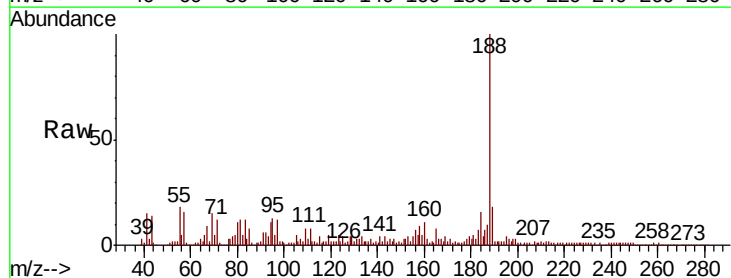
Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:138 Resp: 21375  
Ion Ratio Lower Upper  
138 100  
92 37.7 29.2 69.2  
108 54.6 50.8 90.8

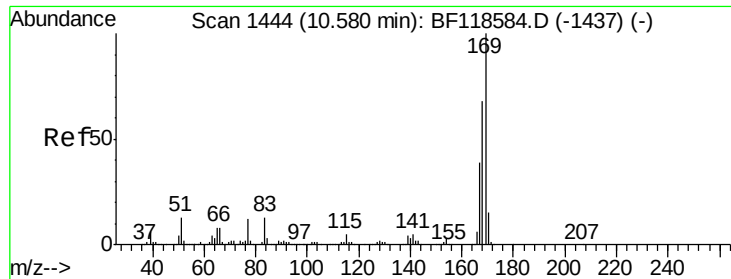


#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.37 min Scan# 1579  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Tgt Ion:188 Resp: 591825  
Ion Ratio Lower Upper  
188 100  
94 10.9 7.4 11.2  
80 11.2 7.8 11.8



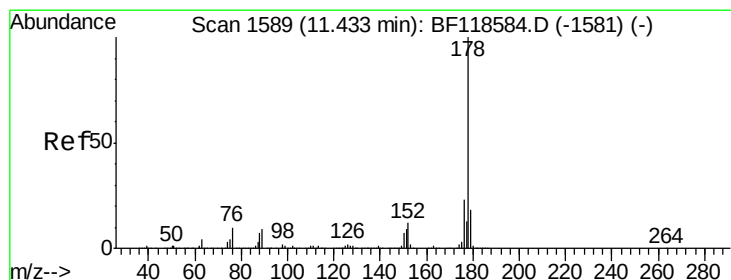
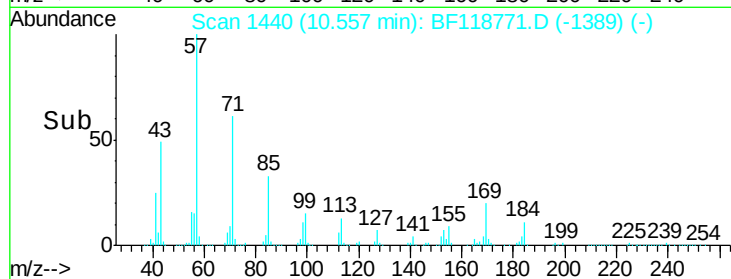
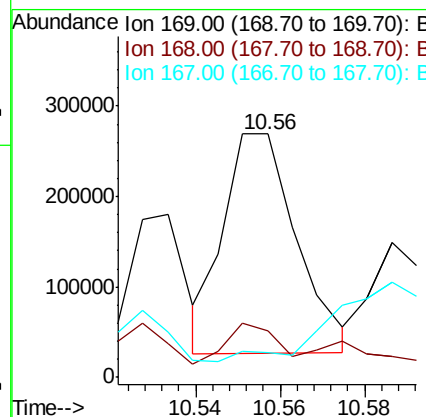
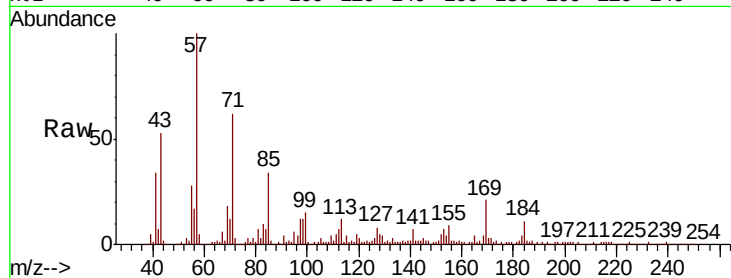




#66  
 n-Nitrosodiphenylamine  
 Concen: 16.422 ng  
 RT: 10.56 min Scan# 1440  
 Delta R.T. -0.00 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

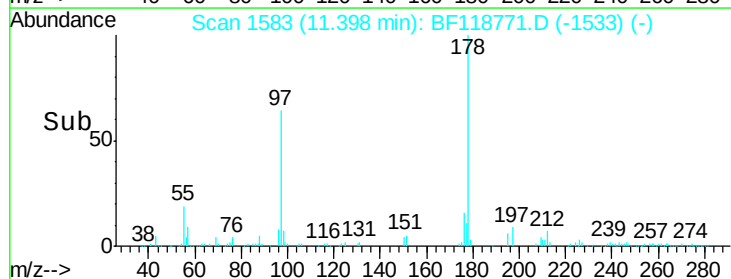
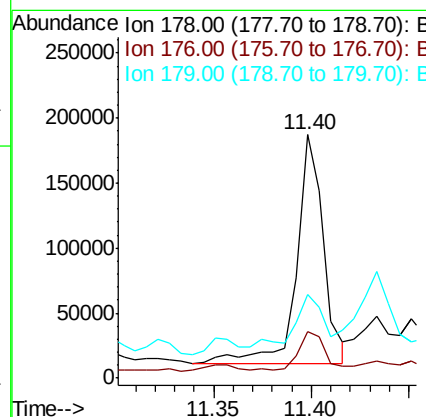
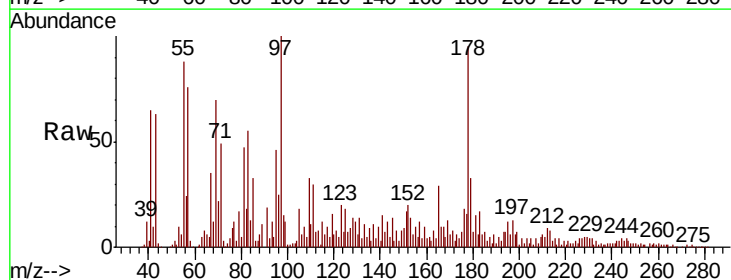
Instrument :  
 BNA\_F  
 ClientSampleId :

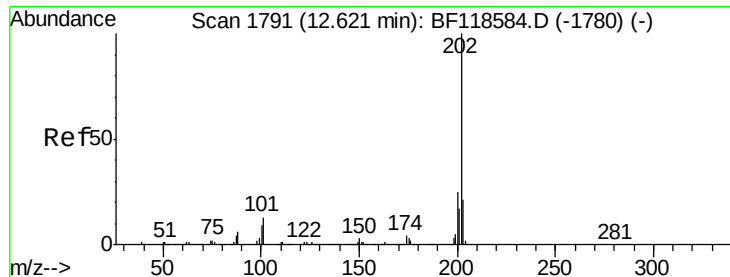
Tot Ion:169 Resp: 293098  
 Ion Ratio Lower Upper  
 169 100  
 168 18.9 53.4 80.0#  
 167 10.3 29.2 43.8#



#71  
 Phenanthrene  
 Concen: 5.916 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. -0.01 min  
 Lab File: BF118771.D  
 Acq: 31 Jan 2020 00:20

Tgt Ion:178 Resp: 168911  
 Ion Ratio Lower Upper  
 178 100  
 176 19.2 16.5 24.7  
 179 34.5 13.3 19.9#





#75

Fluoranthene

Concen: 2.671 ng

RT: 12.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampled :

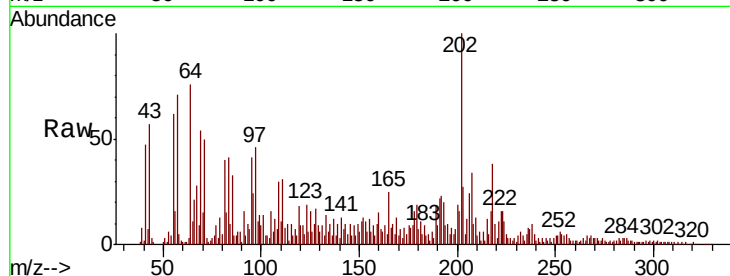
Tot Ion:202 Resp: 80436

Ion Ratio Lower Upper

202 100

101 13.6 0.0 32.1

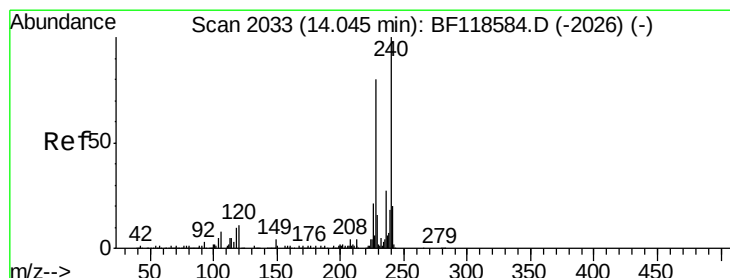
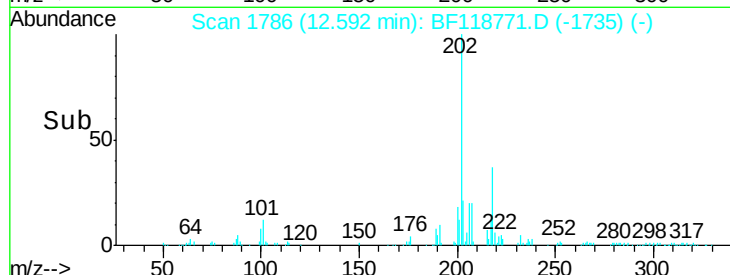
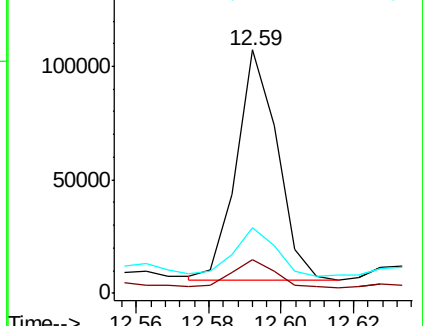
203 26.8 0.0 38.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

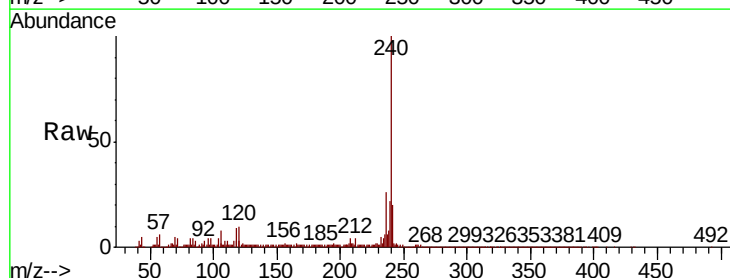
Tgt Ion:240 Resp: 573137

Ion Ratio Lower Upper

240 100

120 10.4 7.6 11.4

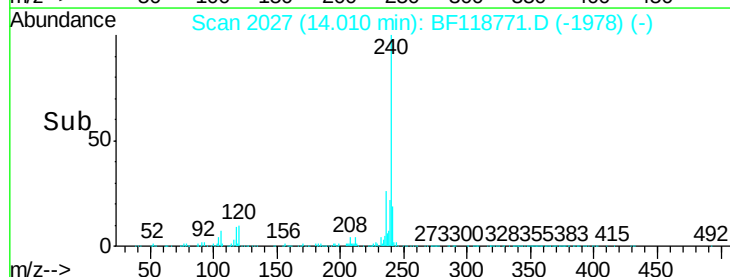
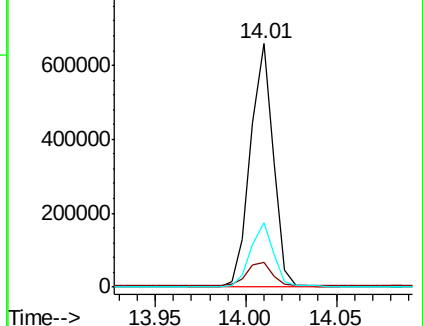
236 26.3 21.0 31.4

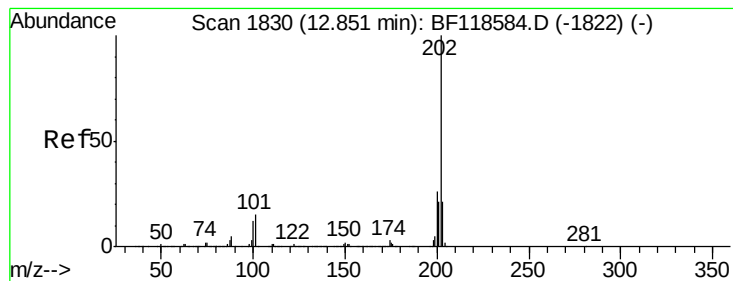


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.844 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

Instrument :

BNA\_F

ClientSampleId :

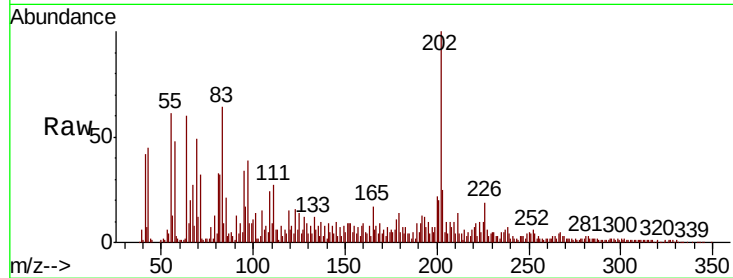
Tot Ion:202 Resp: 110673

Ion Ratio Lower Upper

202 100

200 21.5 18.1 27.1

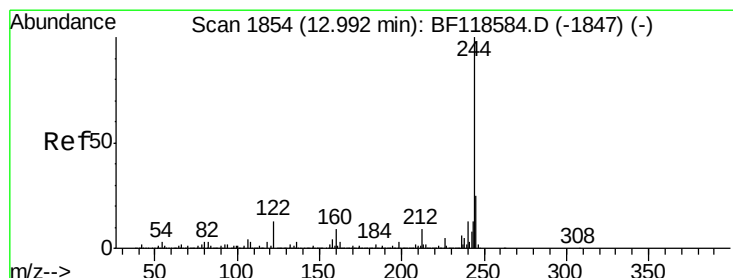
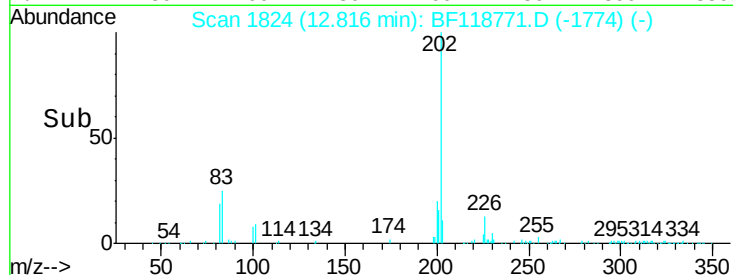
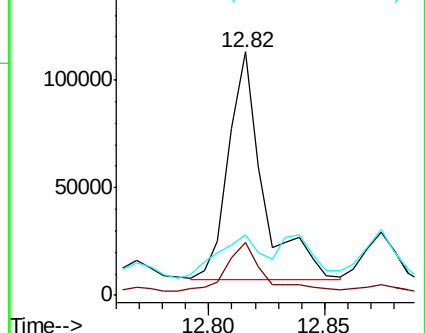
203 25.1 15.2 22.8#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 70.674 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF118771.D

Acq: 31 Jan 2020 00:20

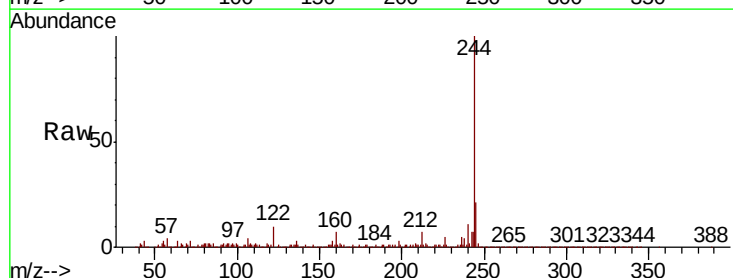
Tgt Ion:244 Resp: 1857144

Ion Ratio Lower Upper

244 100

212 7.2 6.3 9.5

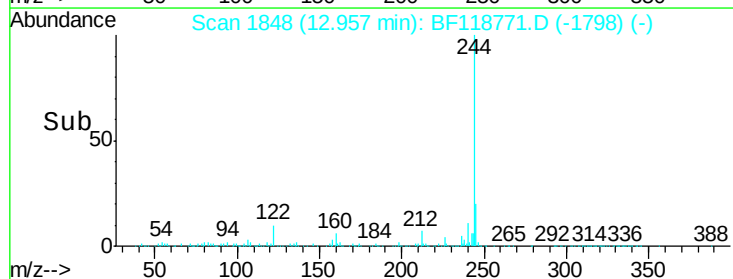
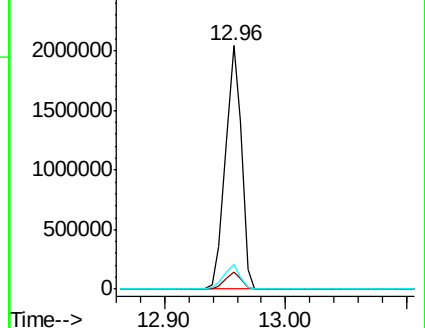
122 10.4 9.2 13.8

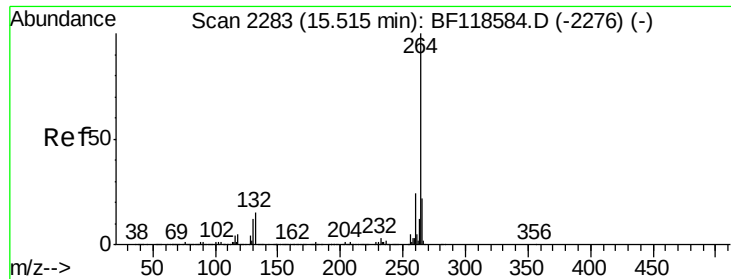


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

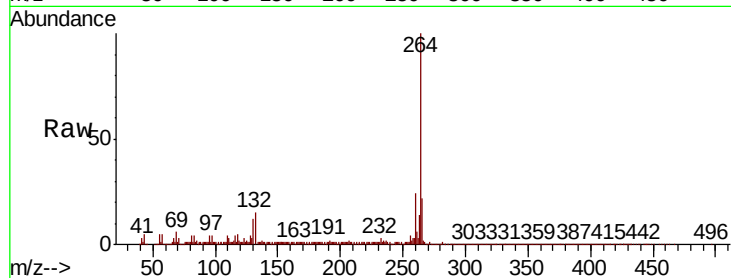




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.47 min Scan# 2276  
Delta R.T. -0.01 min  
Lab File: BF118771.D  
Acq: 31 Jan 2020 00:20

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 23.6  | 18.6  | 28.0  |
| 265     | 21.8  | 17.0  | 25.6  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

