

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022819\  
 Data File : BF112786.D  
 Acq On : 1 Mar 2019 2:44  
 Operator : JU/SJ  
 Sample : K1650-14 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Quant Time: Mar 01 04:58:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 27 16:08:50 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.75  | 152  | 173775   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.02  | 136  | 641113   | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 9.77  | 164  | 266659   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 11.25 | 188  | 490220   | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 13.87 | 240  | 487544   | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 15.29 | 264  | 421241   | 20.00 | ng    | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 5.34  | 112  | 196546   | 17.59 | ng    | 0.00     |
| 7) Phenol-d6                | 6.36  | 99   | 257256   | 18.33 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 7.29  | 82   | 141577   | 13.21 | ng    | -0.01    |
| 42) 2,4,6-Tribromophenol    | 10.55 | 330  | 51174    | 18.08 | ng    | 0.00     |
| 45) 2-Fluorobiphenyl        | 9.10  | 172  | 253026   | 3.67  | ng    | 0.00     |
| 79) Terphenyl-d14           | 12.83 | 244  | 255629   | 10.16 | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 6) Aniline                     | 6.50  | 93   | 118      | 0.006 | ng    | # 1    |
| 9) Benzaldehyde                | 6.29  | 77   | 432      | 0.043 | ng    | # 88   |
| 10) Phenol                     | 6.37  | 94   | 4046     | 0.247 | ng    | # 80   |
| 11) bis(2-Chloroethyl)ether    | 6.50  | 93   | 118      | 0.009 | ng    | # 1    |
| 15) Benzyl Alcohol             | 6.90  | 79   | 2739     | 0.256 | ng    | # 42   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.25  | 45   | 109      | 0.005 | ng    | # 71   |
| 19) n-Nitroso-di-n-propylamine | 7.29  | 70   | 18134    | 2.040 | ng    | # 80   |
| 22) Acetophenone               | 7.15  | 105  | 483      | 0.032 | ng    | # 38   |
| 24) Nitrobenzene               | 7.29  | 77   | 285      | 0.024 | ng    | # 15   |
| 25) Isophorone                 | 7.29  | 82   | 141598   | 6.135 | ng    | # 66   |
| 31) Naphthalene                | 8.05  | 128  | 1168     | 0.037 | ng    | # 72   |
| 35) Caprolactam                | 8.46  | 113  | 362      | 0.115 | ng    | # 1    |
| 37) 2-Methylnaphthalene        | 8.83  | 142  | 2671     | 0.130 | ng    | # 96   |
| 38) 1-Methylnaphthalene        | 8.83  | 142  | 2671     | 0.134 | ng    | # 99   |
| 46) 1,1'-Biphenyl              | 9.20  | 154  | 714      | 0.033 | ng    | # 91   |
| 48) 2-Nitroaniline             | 9.49  | 65   | 228      | 0.044 | ng    | # 1    |
| 49) Acenaphthylene             | 9.63  | 152  | 2115     | 0.073 | ng    | # 87   |
| 50) Dimethylphthalate          | 9.49  | 163  | 18806    | 0.956 | ng    | # 99   |
| 51) 2,6-Dinitrotoluene         | 9.77  | 165  | 34420    | 8.407 | ng    | # 18   |
| 52) Acenaphthene               | 9.80  | 154  | 268      | 0.016 | ng    | # 60   |
| 55) Dibenzofuran               | 9.97  | 168  | 446      | 0.018 | ng    | # 1    |
| 56) 4-Nitrophenol              | 9.97  | 139  | 108      | 0.027 | ng    | # 6    |
| 57) 2,4-Dinitrotoluene         | 9.77  | 165  | 34420    | 6.763 | ng    | # 18   |
| 58) Fluorene                   | 10.32 | 166  | 121      | 0.007 | ng    | # 1    |
| 60) Diethylphthalate           | 10.19 | 149  | 311      | 0.015 | ng    | # 60   |
| 63) Azobenzene                 | 10.47 | 77   | 1142     | 0.054 | ng    | # 1    |
| 66) n-Nitrosodiphenylamine     | 10.43 | 169  | 502      | 0.032 | ng    | # 24   |
| 67) 4-Bromophenyl-phenylether  | 10.55 | 248  | 2840     | 0.550 | ng    | # 1    |
| 71) Phenanthrene               | 11.27 | 178  | 15021    | 0.616 | ng    | # 98   |
| 72) Anthracene                 | 11.27 | 178  | 15021    | 0.588 | ng    | # 99   |
| 73) Carbazole                  | 11.47 | 167  | 2096     | 0.084 | ng    | # 76   |
| 74) Di-n-butylphthalate        | 11.82 | 149  | 2051     | 0.069 | ng    | # 72   |
| 75) Fluoranthene               | 12.45 | 202  | 17755    | 0.679 | ng    | # 98   |
| 77) Benzidine                  | 12.58 | 184  | 137      | 0.005 | ng    | # 1    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022819\  
 Data File : BF112786.D  
 Acq On : 1 Mar 2019 2:44  
 Operator : JU/SJ  
 Sample : K1650-14 5X  
 Misc :  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Quant Time: Mar 01 04:58:05 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Feb 27 16:08:50 2019  
 Response via : Initial Calibration

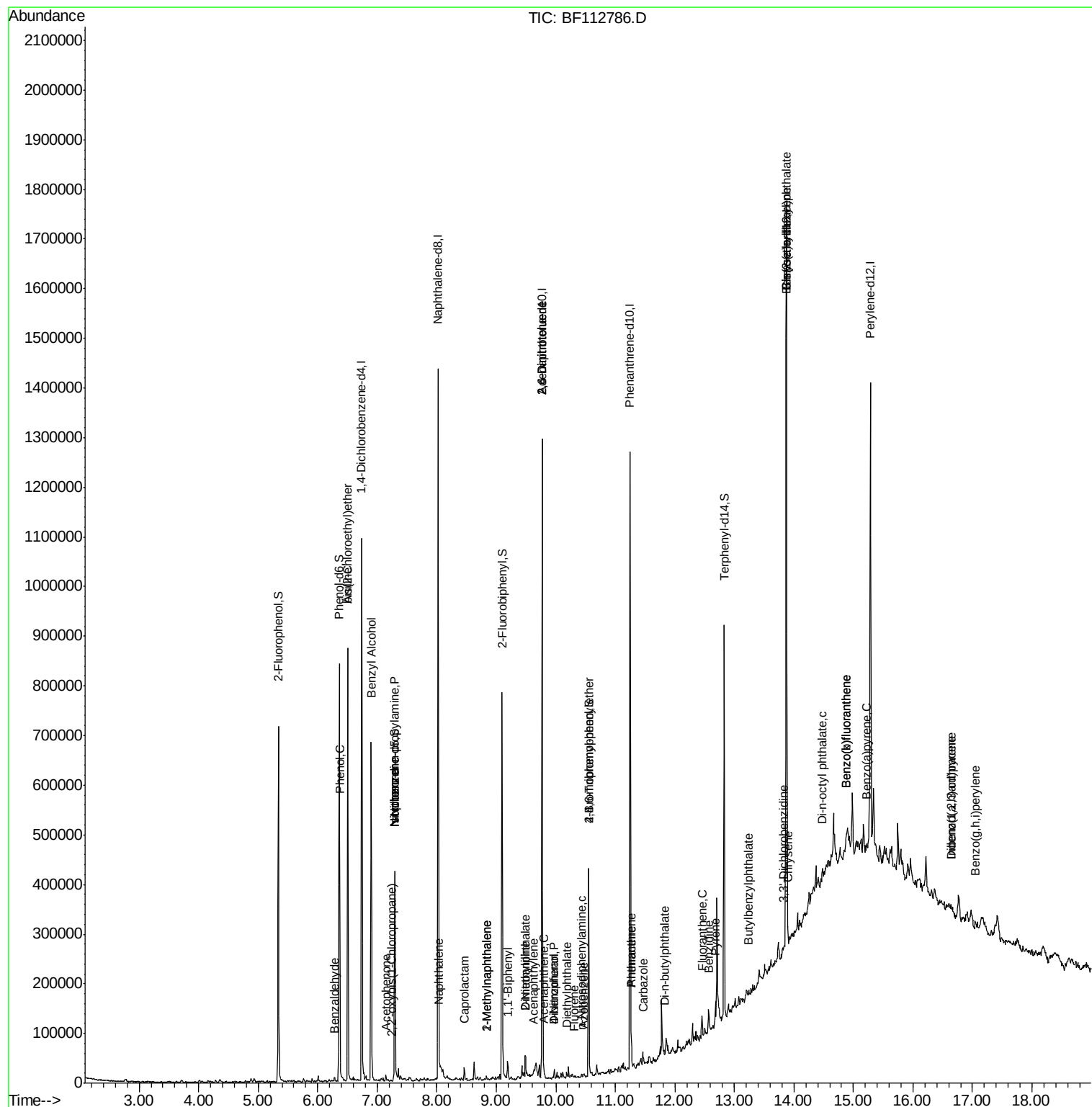
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 78) Pyrene                     | 12.68 | 202  | 19612    | 0.477 | ng    | 95       |
| 80) Butylbenzylphthalate       | 13.24 | 149  | 416      | 0.023 | ng    | 92       |
| 81) Benzo(a)anthracene         | 13.86 | 228  | 10717    | 0.317 | ng #  | 75       |
| 82) 3,3'-Dichlorobenzidine     | 13.83 | 252  | 1651     | 0.129 | ng #  | 48       |
| 83) Chrysene                   | 13.90 | 228  | 14497    | 0.438 | ng #  | 85       |
| 84) Bis(2-ethylhexyl)phthalate | 13.87 | 149  | 12857    | 0.604 | ng #  | 92       |
| 85) Di-n-octyl phthalate       | 14.49 | 149  | 431      | 0.012 | ng #  | 1        |
| 86) Indeno(1,2,3-cd)pyrene     | 16.64 | 276  | 6407     | 0.227 | ng    | 94       |
| 88) Benzo(b)fluoranthene       | 14.89 | 252  | 19408    | 0.712 | ng #  | 36       |
| 89) Benzo(k)fluoranthene       | 14.89 | 252  | 19408    | 0.786 | ng #  | 35       |
| 90) Benzo(a)pyrene             | 15.22 | 252  | 9811     | 0.407 | ng #  | 66       |
| 91) Dibenzo(a,h)anthracene     | 16.65 | 278  | 2385     | 0.116 | ng #  | 1        |
| 92) Benzo(g,h,i)perylene       | 17.04 | 276  | 9284     | 0.450 | ng #  | 85       |

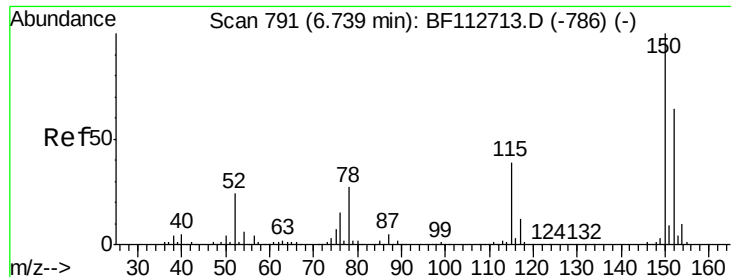
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_F\DATA\BF022819\  
Data File : BF112786.D  
Acq On : 1 Mar 2019 2:44  
Operator : JU/SJ  
Sample : K1650-14 5X  
Misc :  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
BNA\_F  
Client Sampled :  
B-7(3.5-4.5)

Quant Time: Mar 01 04:58:05 2019  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_F\METHODS\8270-BF022719.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Feb 27 16:08:50 2019  
Response via : Initial Calibration



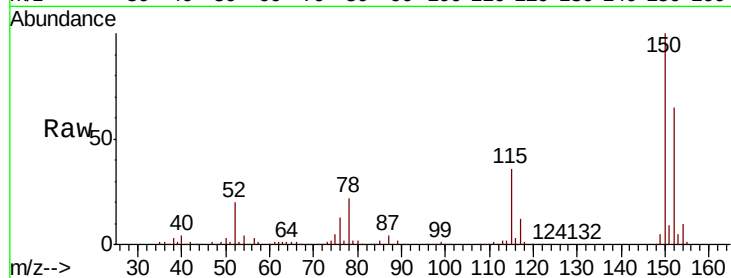


#1

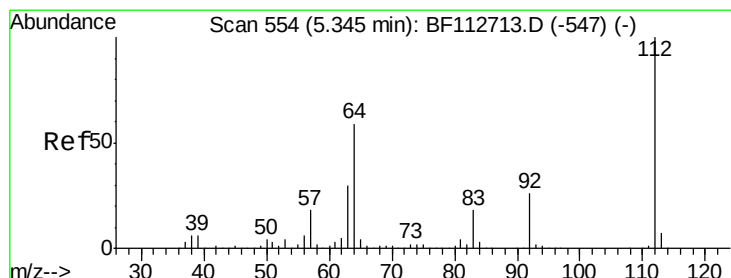
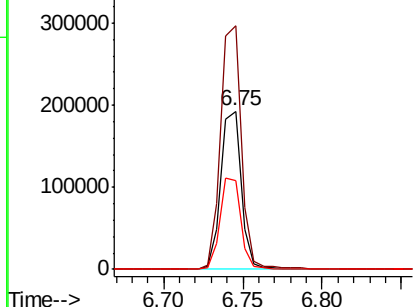
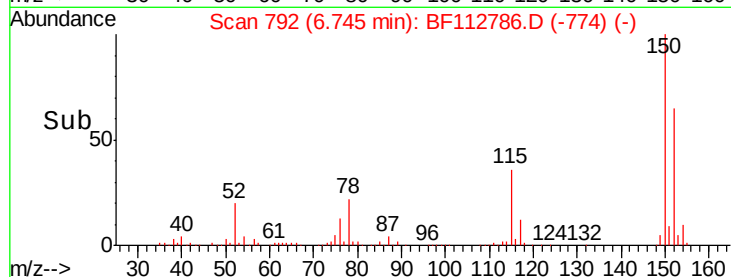
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.75 min Scan# 792  
Delta R.T. 0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

Tgt Ion:152 Resp: 173775  
Ion Ratio Lower Upper  
152 100  
150 154.2 124.2 186.2  
115 56.1 48.2 72.4



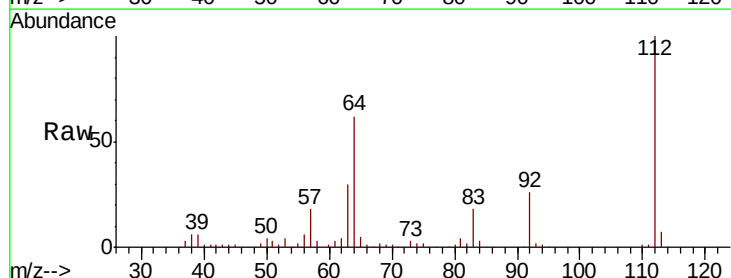
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



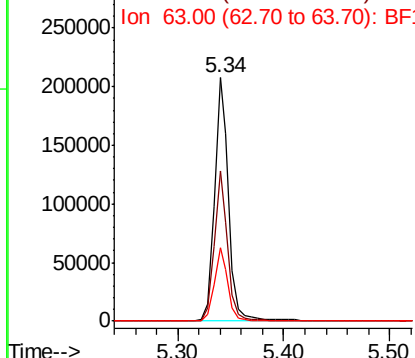
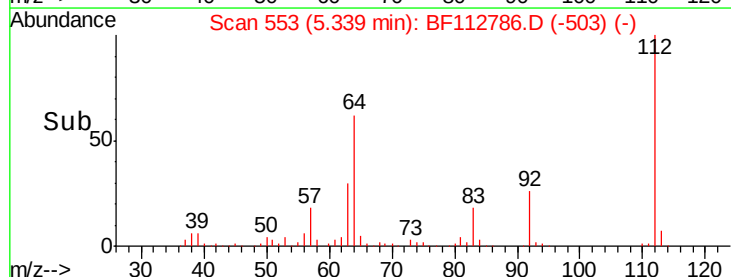
#5

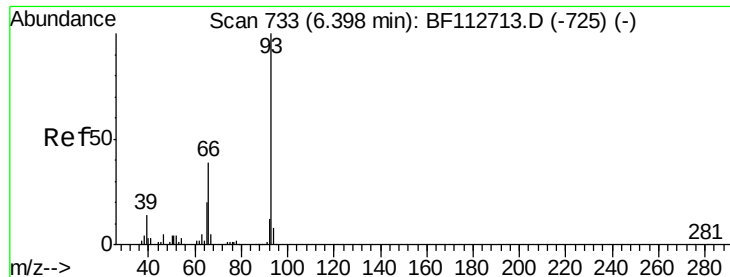
2-Fluorophenol  
Concen: 17.594 ng  
RT: 5.34 min Scan# 553  
Delta R.T. -0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Tgt Ion:112 Resp: 196546  
Ion Ratio Lower Upper  
112 100  
64 61.6 47.6 71.4  
63 30.0 24.4 36.6



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





#6

Aniline

Concen: 0.006 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.11 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

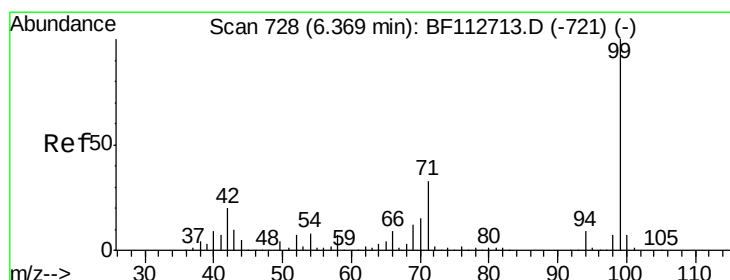
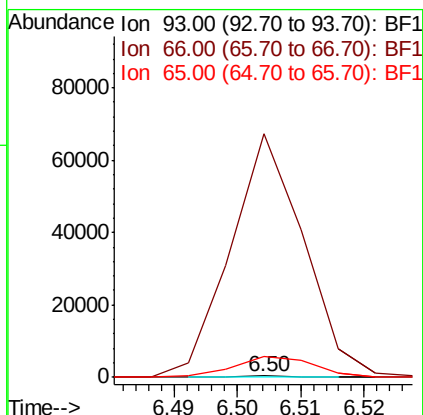
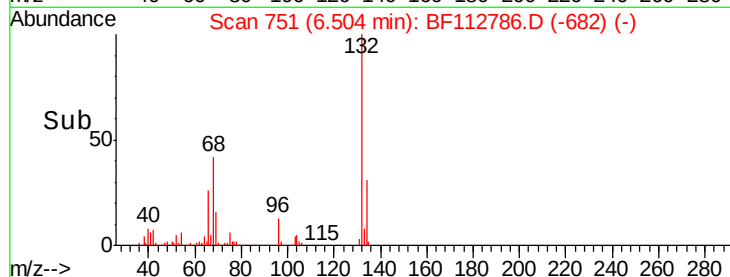
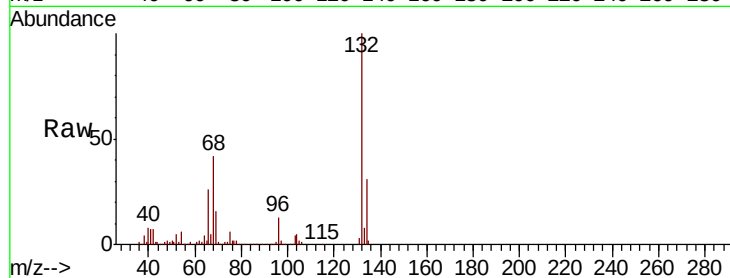
Tgt Ion: 93 Resp: 118

Ion Ratio Lower Upper

93 100

66 20081.2 32.2 48.2#

65 1673.4 16.2 24.4#



#7

Phenol-d6

Concen: 18.332 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

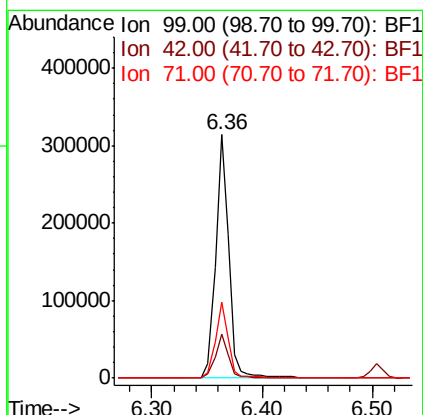
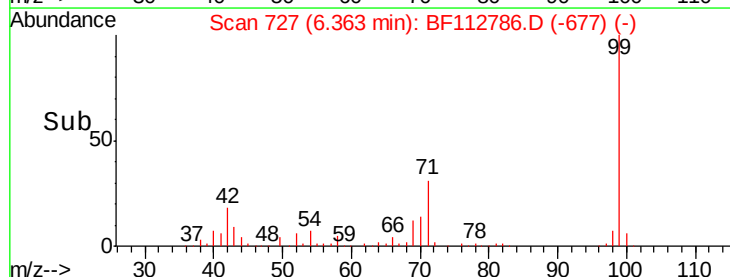
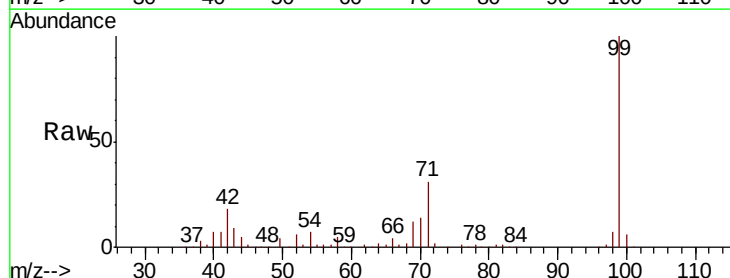
Tgt Ion: 99 Resp: 257256

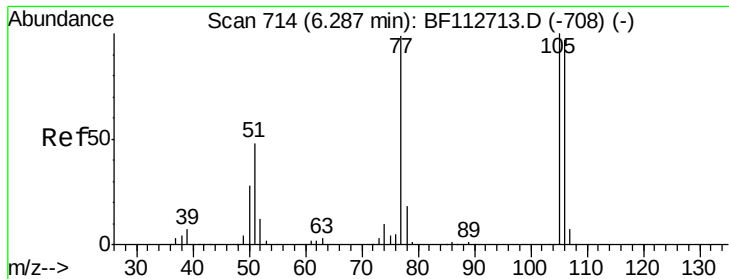
Ion Ratio Lower Upper

99 100

42 17.9 16.3 24.5

71 31.1 26.2 39.4





#9

Benzaldehyde

Concen: 0.043 ng

RT: 6.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

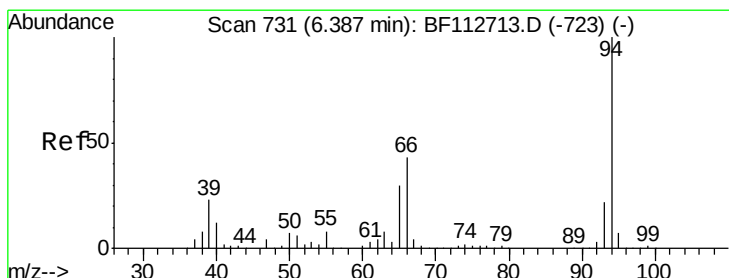
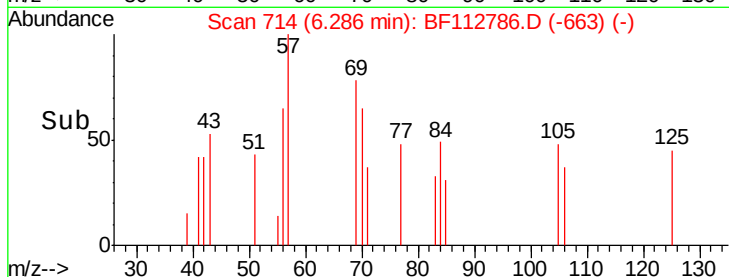
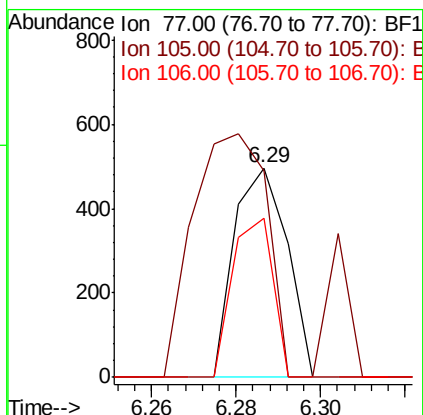
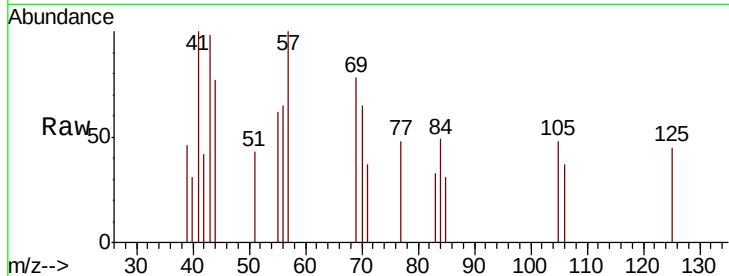
Tgt Ion: 77 Resp: 432

Ion Ratio Lower Upper

77 100

105 99.0 81.4 121.4

106 76.2 78.3 118.3#



#10

Phenol

Concen: 0.247 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

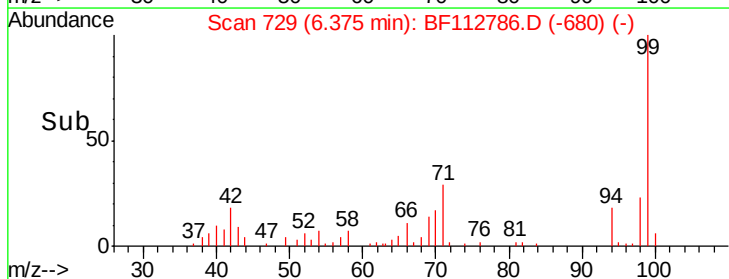
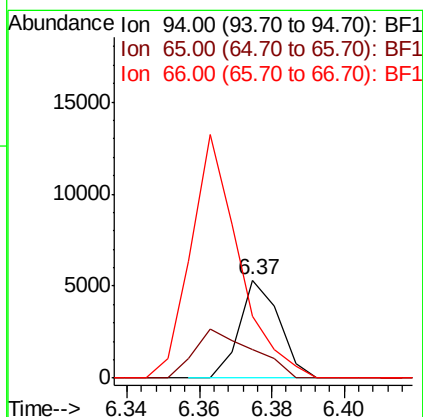
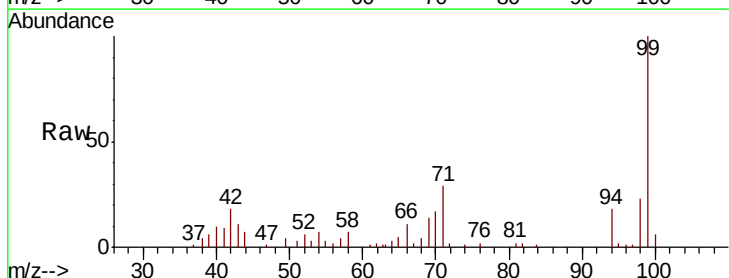
Tgt Ion: 94 Resp: 4046

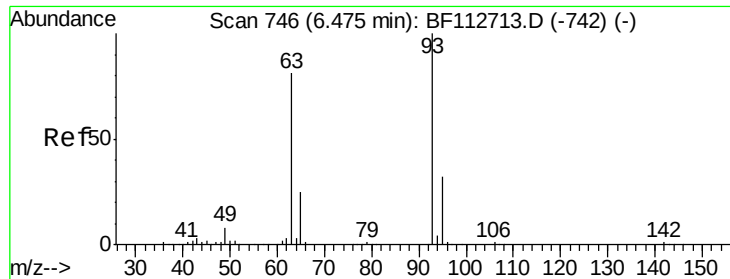
Ion Ratio Lower Upper

94 100

65 29.1 10.5 50.5

66 63.5 22.6 62.6#

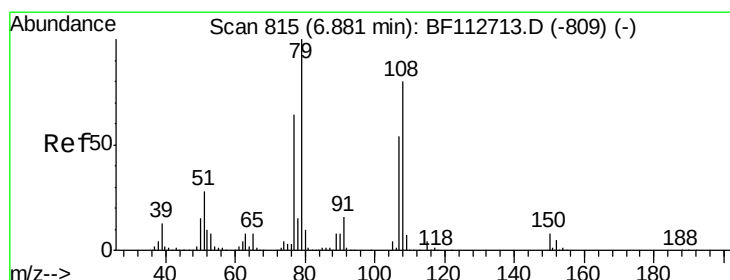
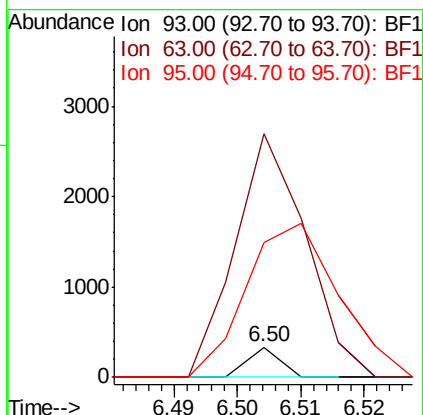
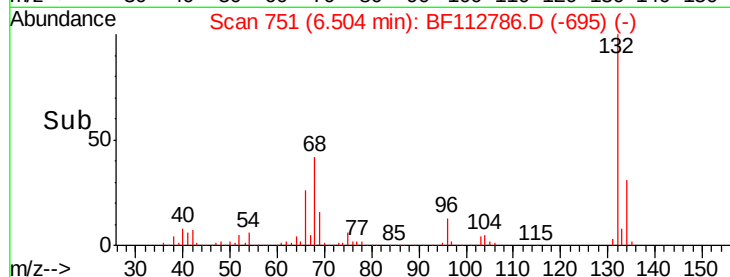
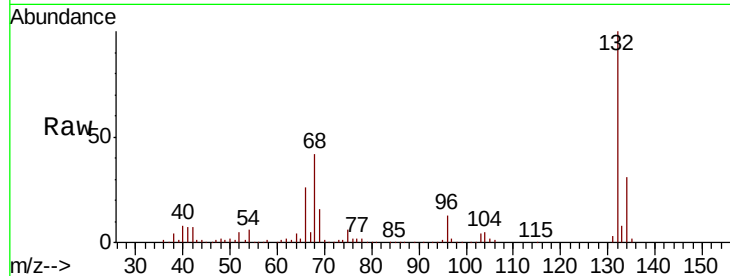




#11  
bis(2-Chloroethyl)ether  
Concen: 0.009 ng  
RT: 6.50 min Scan# 751  
Delta R.T. 0.03 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

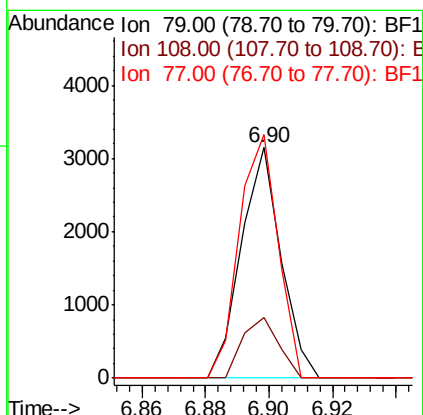
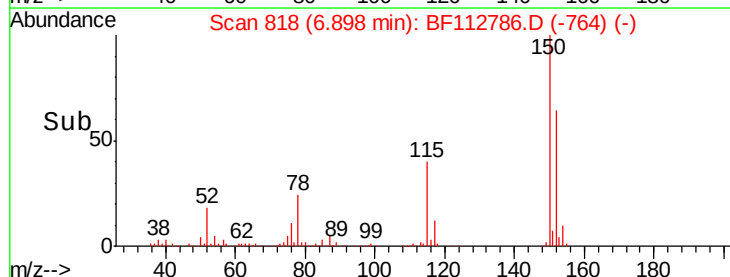
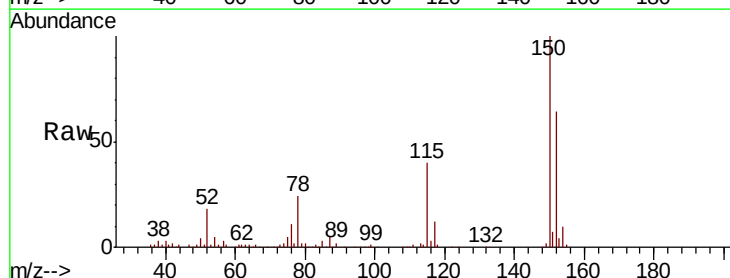
Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

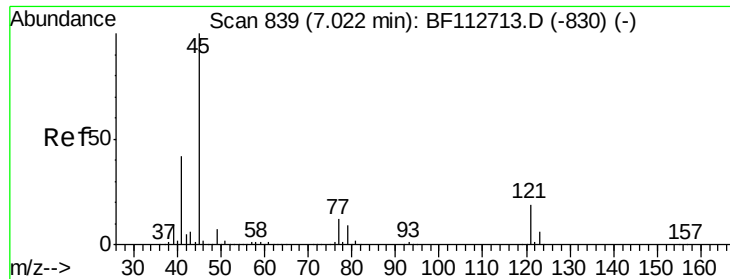
Tgt Ion: 93 Resp: 118  
Ion Ratio Lower Upper  
93 100  
63 804.5 60.5 100.5#  
95 445.4 12.1 52.1#



#15  
Benzyl Alcohol  
Concen: 0.256 ng  
RT: 6.90 min Scan# 818  
Delta R.T. 0.02 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Tgt Ion: 79 Resp: 2739  
Ion Ratio Lower Upper  
79 100  
108 26.2 64.2 96.4#  
77 105.8 51.1 76.7#

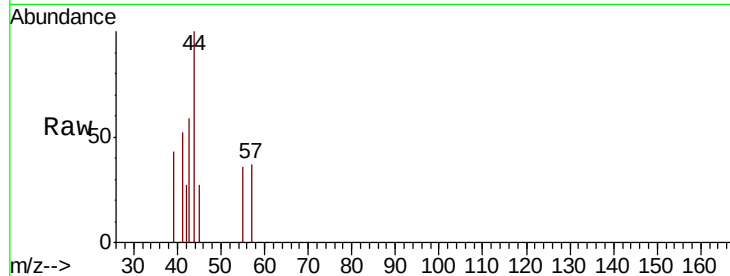




#16  
 2,2'-oxybis(1-Chloropropane)  
 Concen: 0.005 ng  
 RT: 7.25 min Scan# 877  
 Delta R.T. 0.22 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 0.0   | 0.0   | 32.1  |
| 79      | 0.0   | 0.0   | 29.4  |

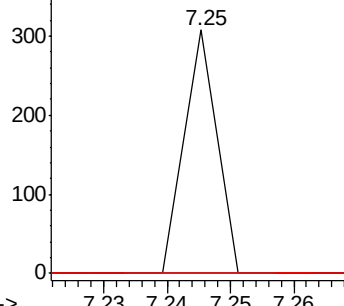


Abundance

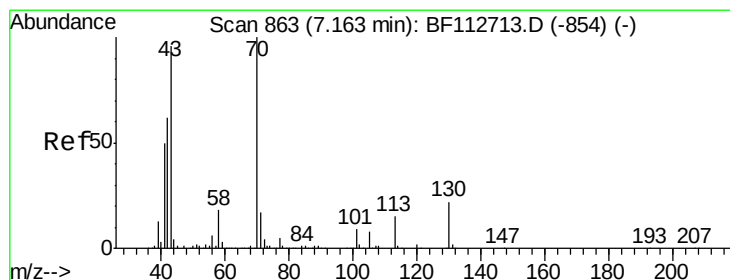
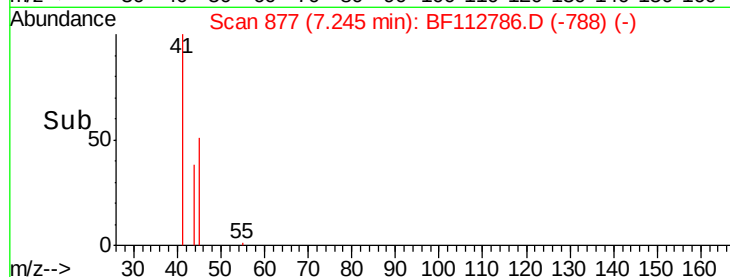
Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#19  
 n-Nitroso-di-n-propylamine  
 Concen: 2.040 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. 0.13 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 53.4  | 49.9  | 74.9  |
| 101     | 0.0   | 7.4   | 11.2# |
| 130     | 2.7   | 17.4  | 26.2# |

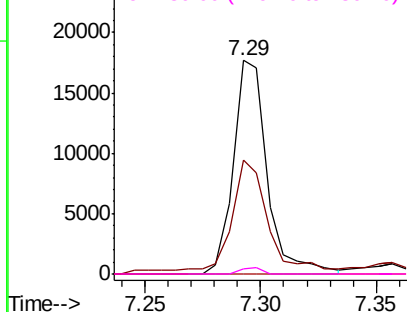
Abundance

Ion 70.00 (69.70 to 70.70): BF1

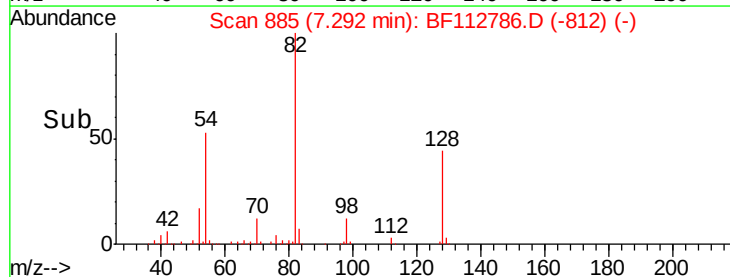
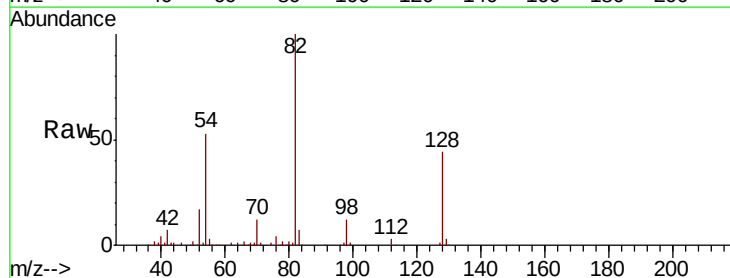
Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

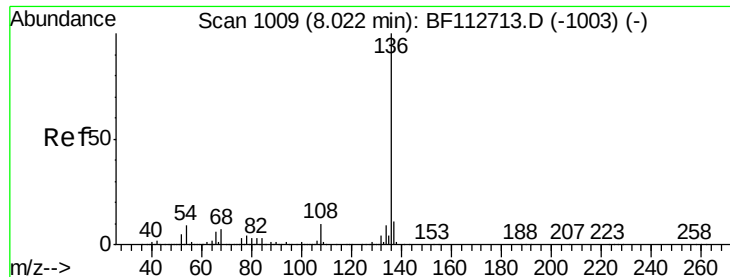
Ion 130.00 (129.70 to 130.70): BF1



Time-->



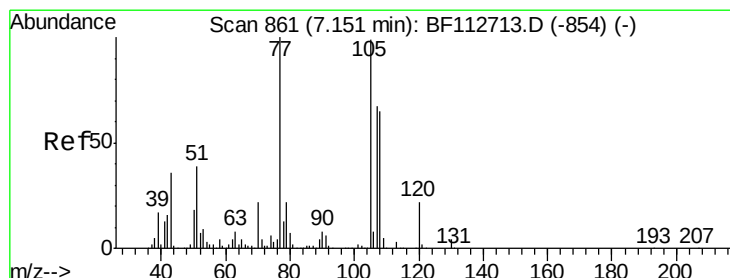
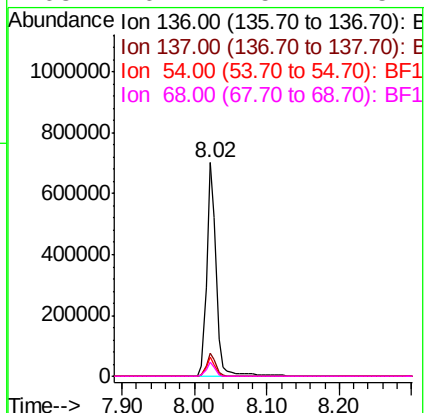
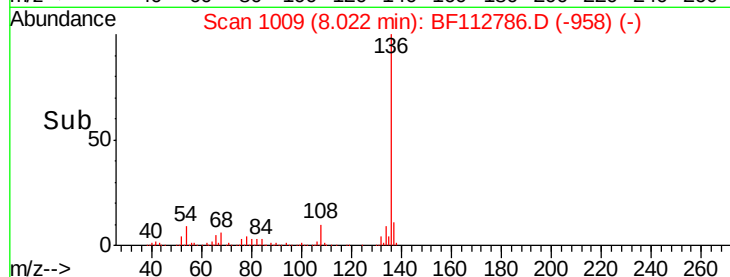
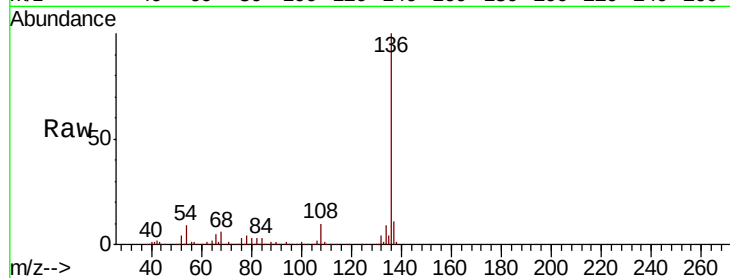




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.02 min Scan# 1009  
Delta R.T. -0.00 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

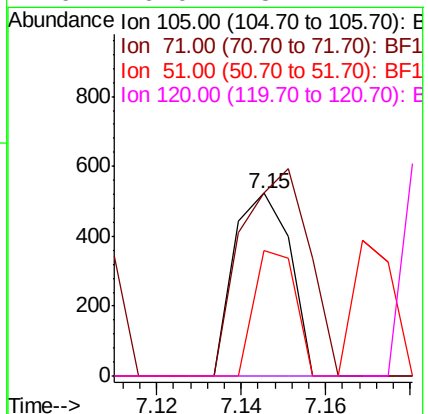
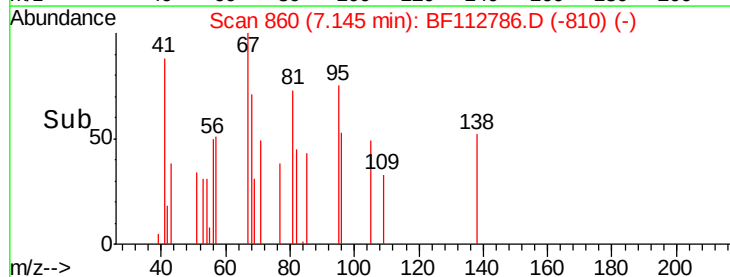
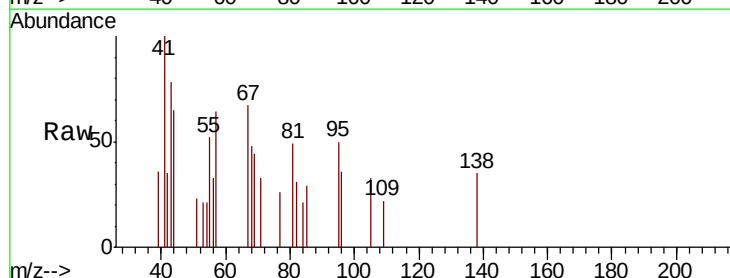
Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

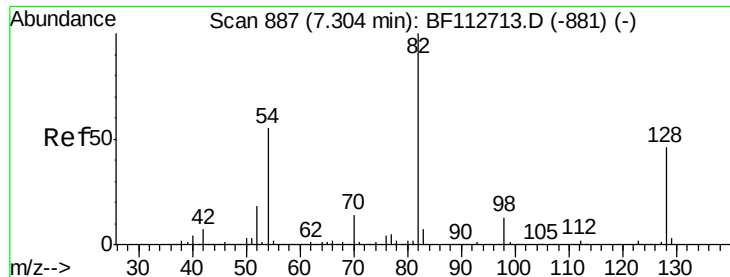
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 641113 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.8  | 8.9   | 13.3   |
| 54       | 8.7   | 7.3   | 10.9   |
| 68       | 6.4   | 5.4   | 8.2    |



#22  
Acetophenone  
Concen: 0.032 ng  
RT: 7.15 min Scan# 860  
Delta R.T. -0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 105   | Resp: | 483   |
| Ion      | Ratio | Lower | Upper |
| 105      | 100   |       |       |
| 71       | 100.0 | 3.0   | 4.4#  |
| 51       | 69.0  | 31.5  | 47.3# |
| 120      | 0.0   | 18.1  | 27.1# |

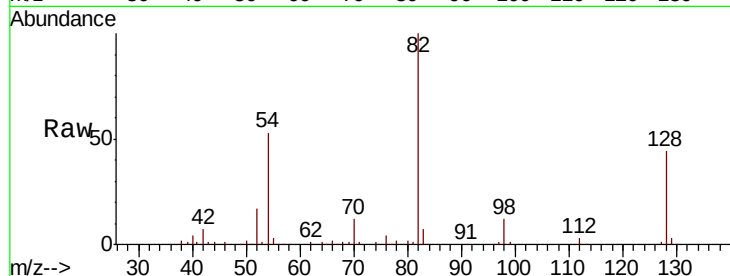




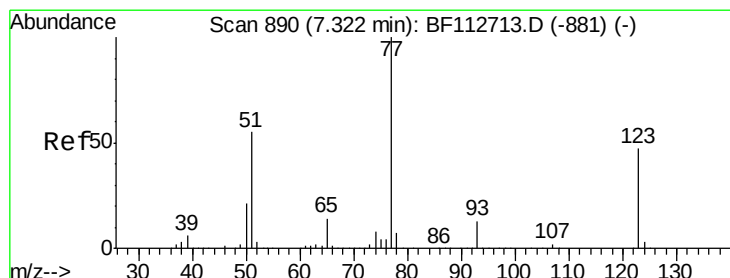
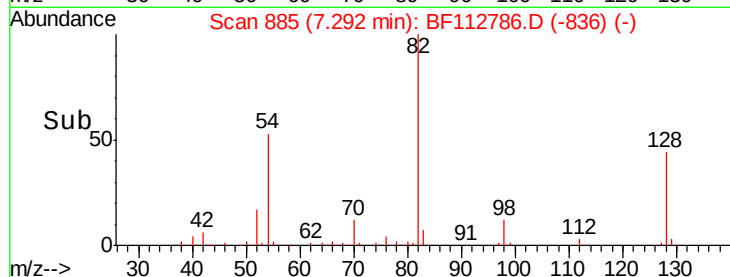
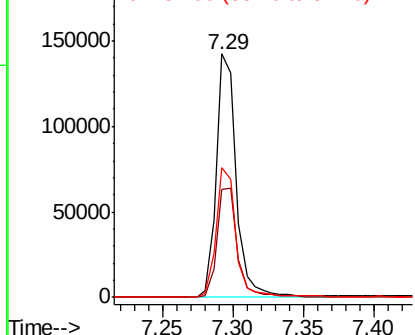
#23  
 Nitrobenzene-d5  
 Concen: 13.214 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.01 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion: 82 Resp: 141577  
 Ion Ratio Lower Upper  
 82 100  
 128 44.3 36.3 54.5  
 54 53.4 43.7 65.5

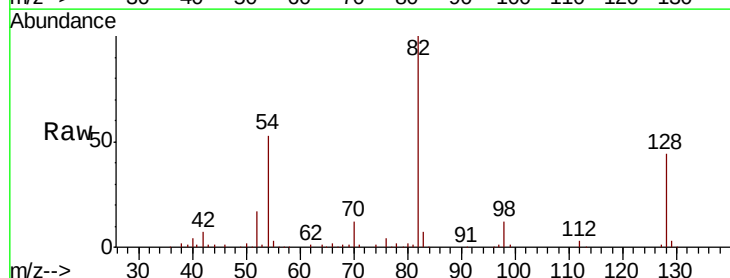


Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1

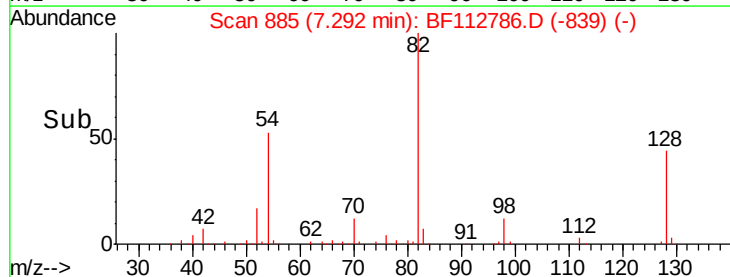
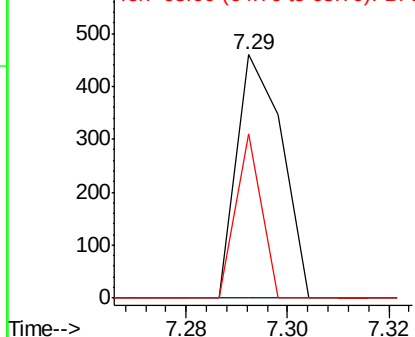


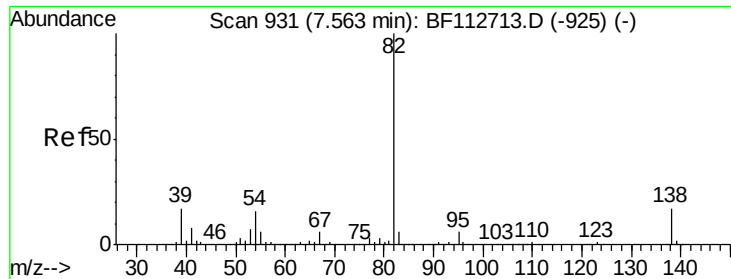
#24  
 Nitrobenzene  
 Concen: 0.024 ng  
 RT: 7.29 min Scan# 885  
 Delta R.T. -0.03 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion: 77 Resp: 285  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 37.8 56.6#  
 65 67.6 11.1 16.7#



Abundance Ion 77.00 (76.70 to 77.70): BF1  
 Ion 123.00 (122.70 to 123.70): BF1  
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 6.135 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

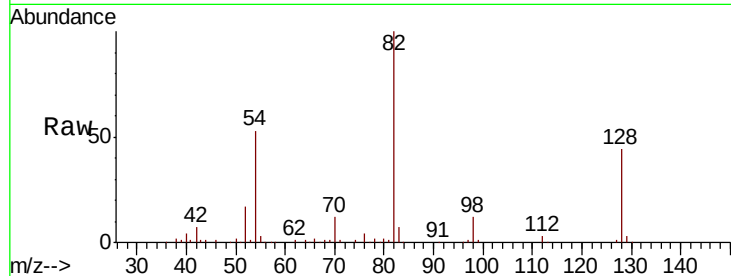
Tgt Ion: 82 Resp: 141598

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

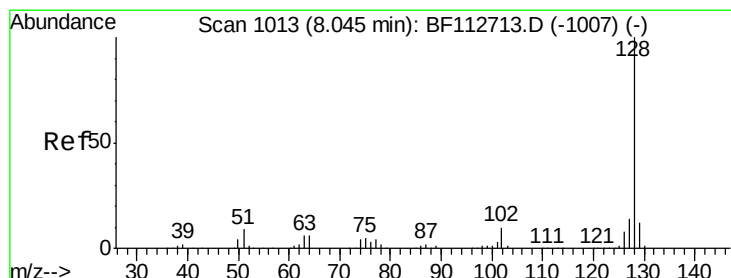
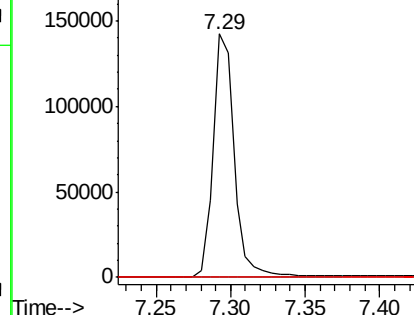
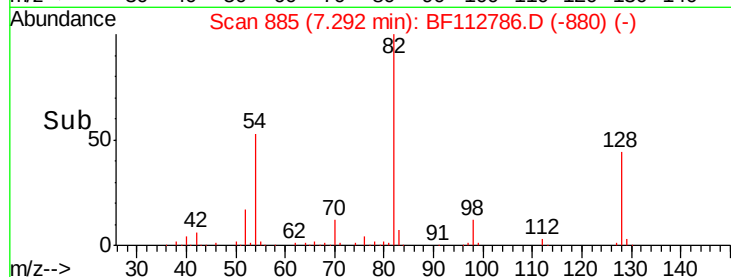
138 0.0 13.8 20.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#31

Naphthalene

Concen: 0.037 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

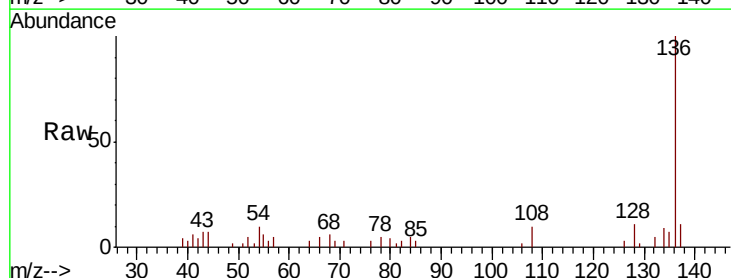
Tgt Ion: 128 Resp: 1168

Ion Ratio Lower Upper

128 100

129 19.8 9.3 13.9#

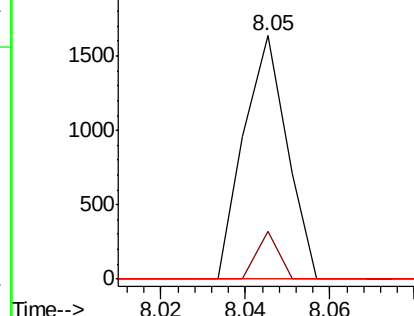
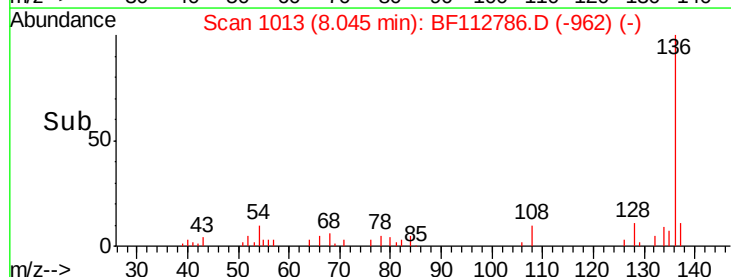
127 0.0 10.9 16.3#

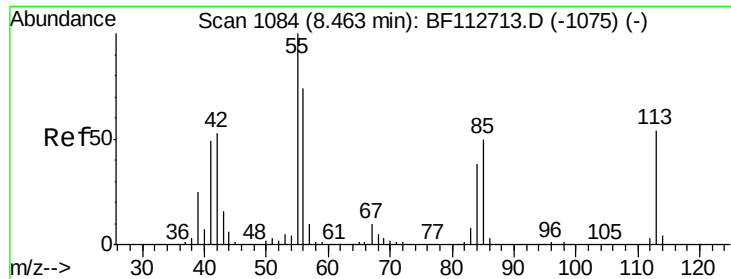


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

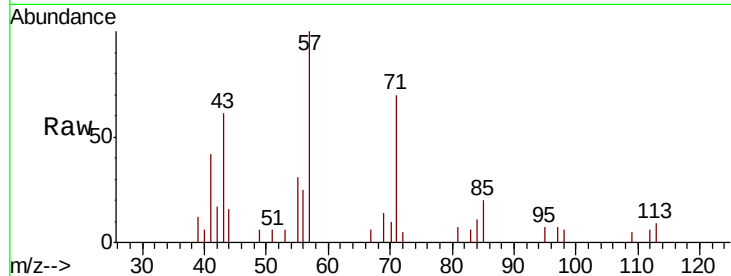




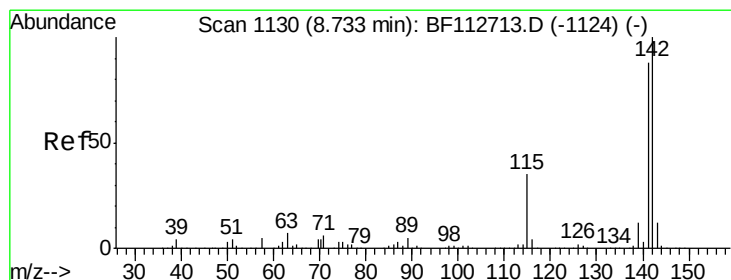
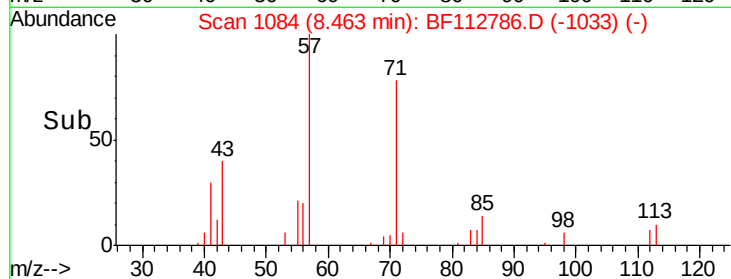
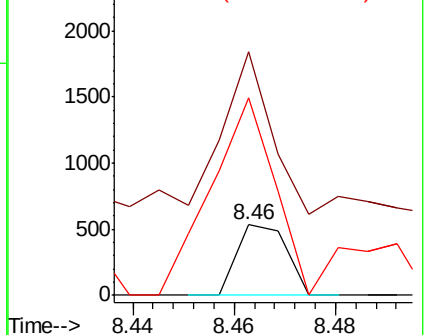
#35  
 Caprolactam  
 Concen: 0.115 ng  
 RT: 8.46 min Scan# 1084  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion:113 Resp: 362  
 Ion Ratio Lower Upper  
 113 100  
 55 344.3 163.5 203.5#  
 56 278.7 115.3 155.3#

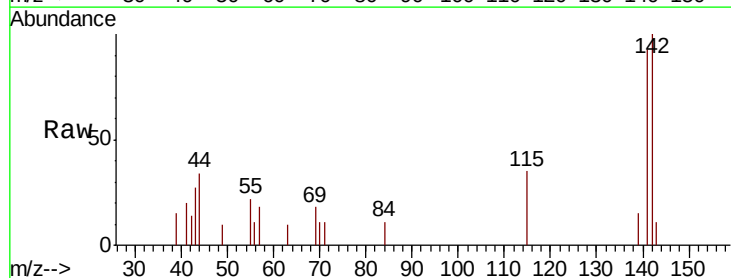


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF1  
 Ion 56.00 (55.70 to 56.70): BF1

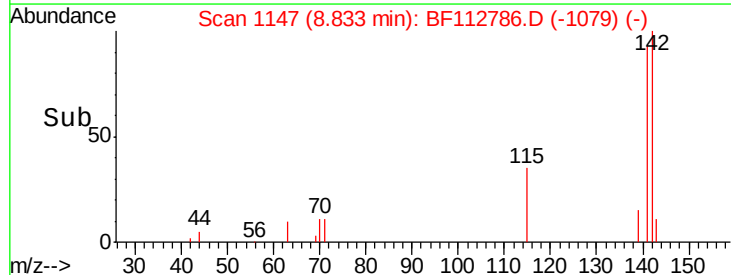
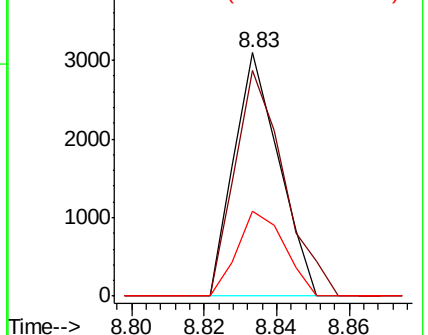


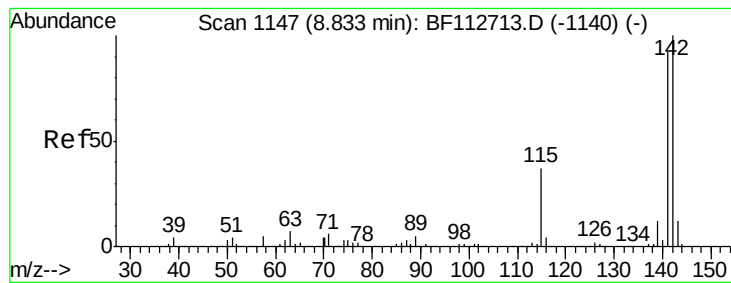
#37  
 2-Methylnaphthalene  
 Concen: 0.130 ng  
 RT: 8.83 min Scan# 1147  
 Delta R.T. 0.10 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion:142 Resp: 2671  
 Ion Ratio Lower Upper  
 142 100  
 141 93.0 70.3 105.5  
 115 35.0 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E





#38

1-Methylnaphthalene

Concen: 0.134 ng

RT: 8.83 min Scan# 1147

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

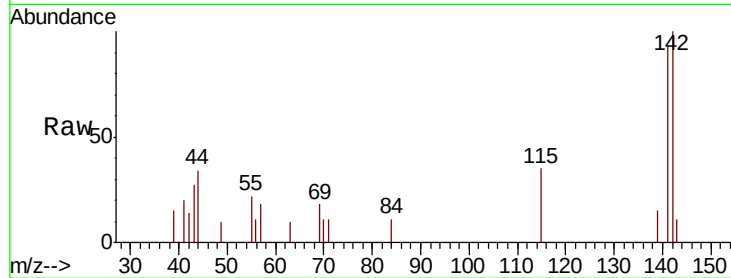
Tgt Ion:142 Resp: 2671

Ion Ratio Lower Upper

142 100

141 93.0 73.7 110.5

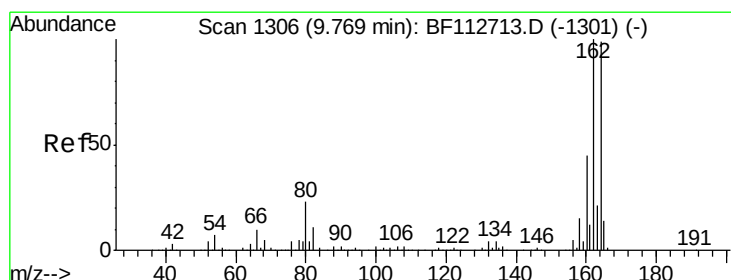
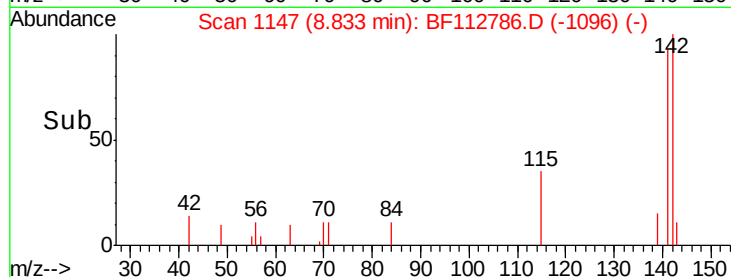
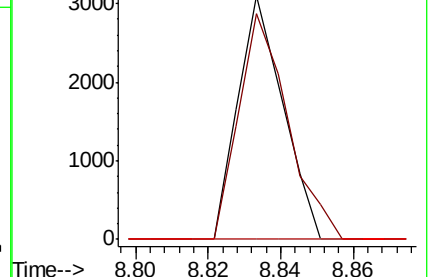
116 0.0 3.1 4.7#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

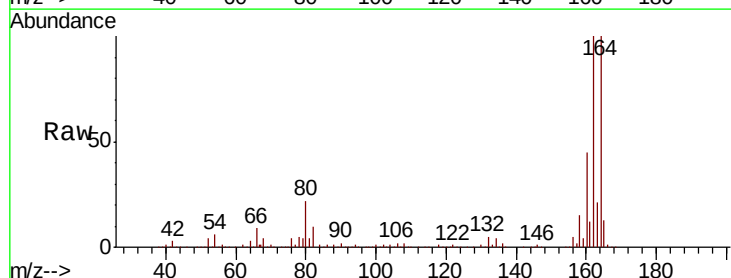
Tgt Ion:164 Resp: 266659

Ion Ratio Lower Upper

164 100

162 100.2 80.6 120.8

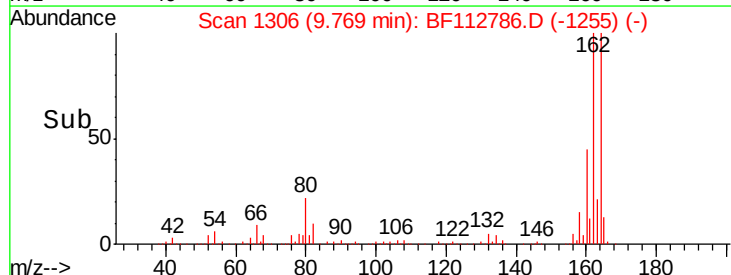
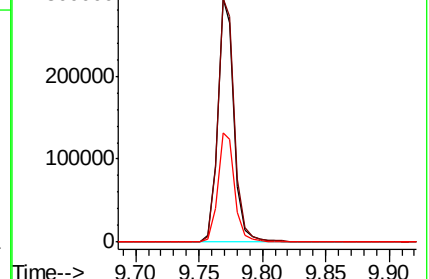
160 45.2 36.0 54.0

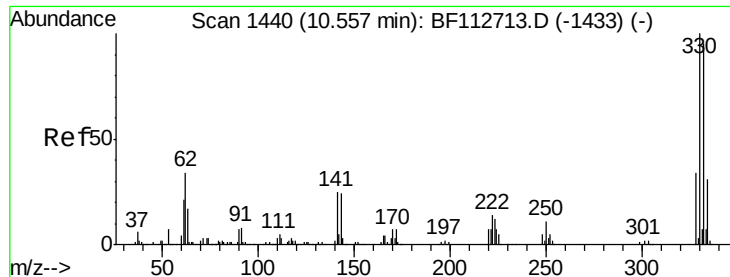


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 18.077 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

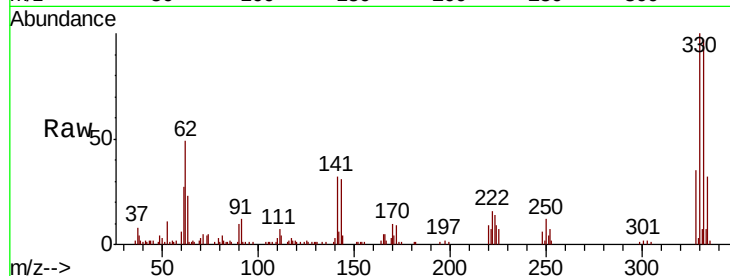
Tgt Ion:330 Resp: 51174

Ion Ratio Lower Upper

330 100

332 96.5 76.2 114.4

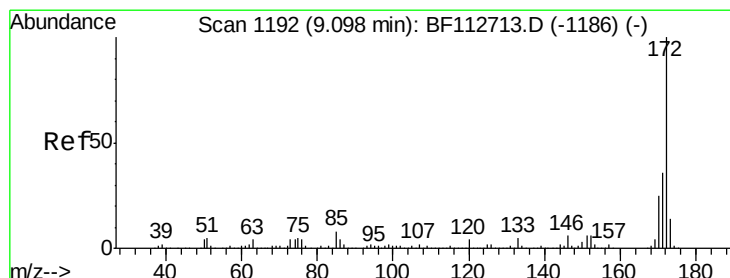
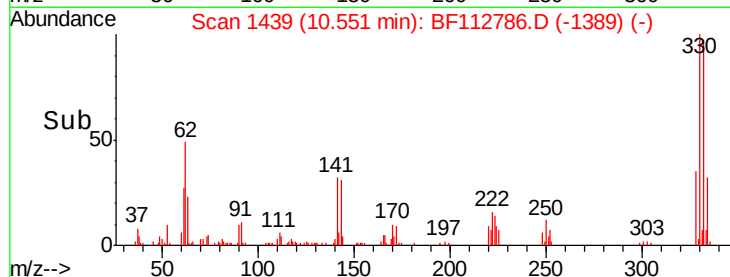
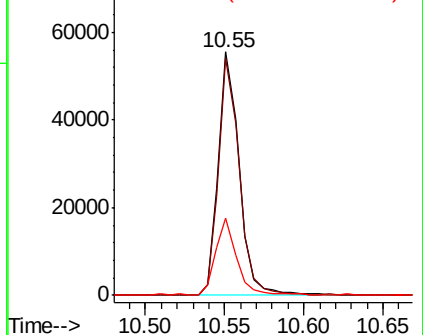
141 32.0 27.0 40.6



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: 3.668 ng

RT: 9.10 min Scan# 1192

Delta R.T. 0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

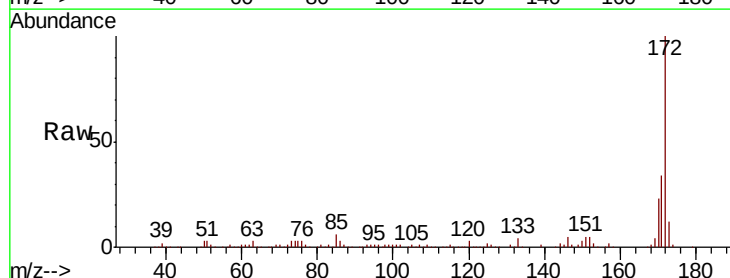
Tgt Ion:172 Resp: 253026

Ion Ratio Lower Upper

172 100

171 33.5 29.0 43.4

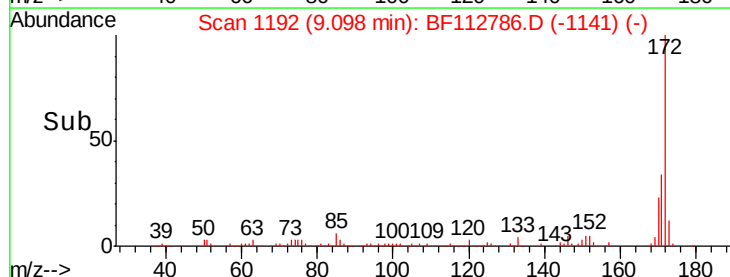
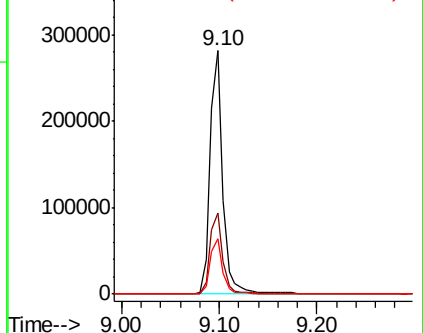
170 22.7 20.0 30.0

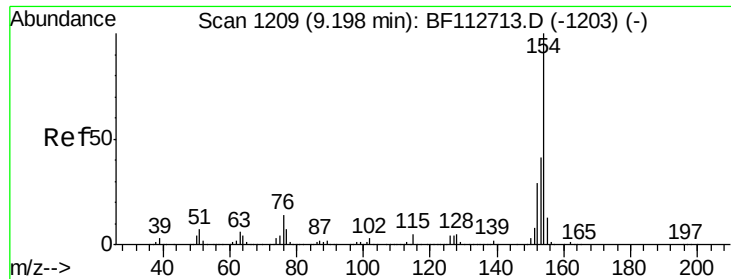


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

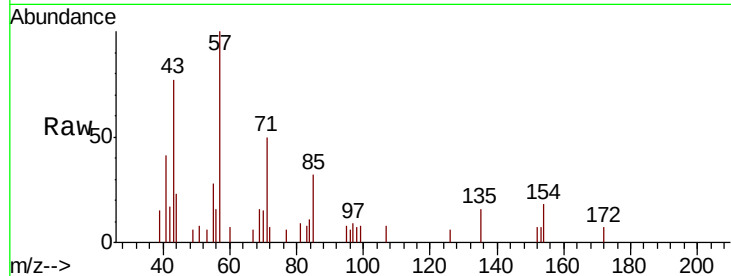




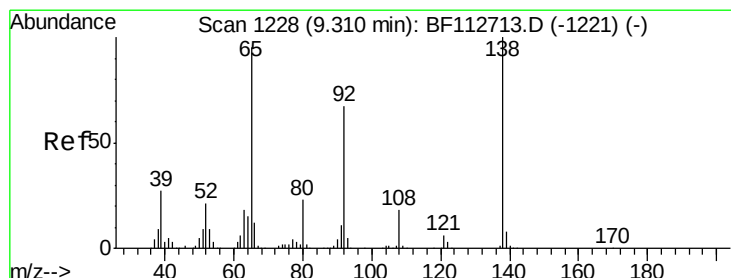
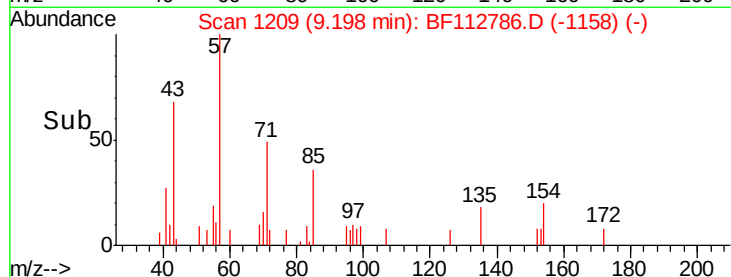
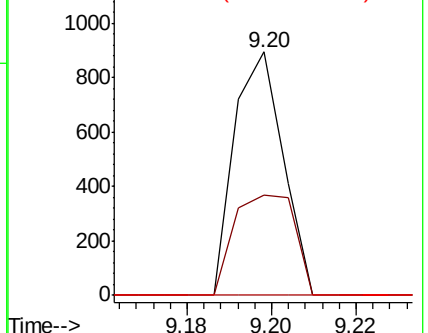
#46  
 1,1'-Biphenyl  
 Concen: 0.033 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion: 154 Resp: 714  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 20.8 60.8  
 76 0.0 0.0 33.8

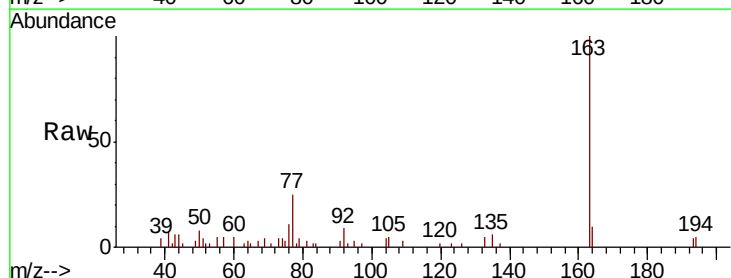


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF1

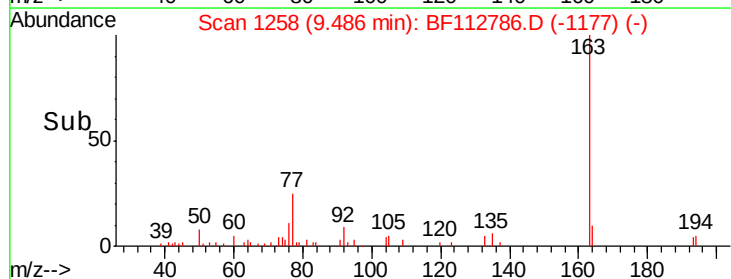
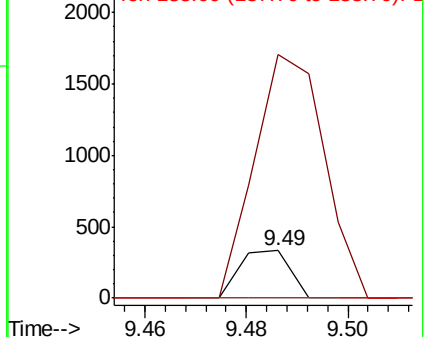


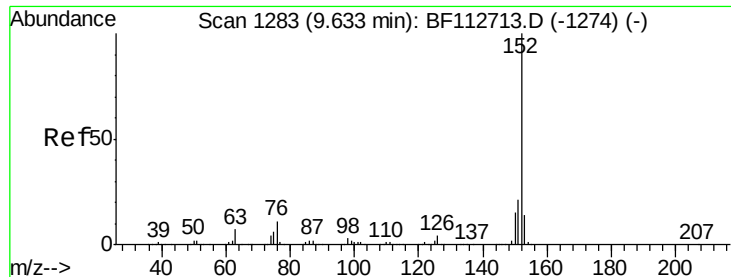
#48  
 2-Nitroaniline  
 Concen: 0.044 ng  
 RT: 9.49 min Scan# 1258  
 Delta R.T. 0.18 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion: 65 Resp: 228  
 Ion Ratio Lower Upper  
 65 100  
 92 513.9 56.4 84.6#  
 138 0.0 84.6 126.8#



Abundance Ion 65.00 (64.70 to 65.70): BF1  
 Ion 92.00 (91.70 to 92.70): BF1  
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 0.073 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampled :

B-7(3.5-4.5)

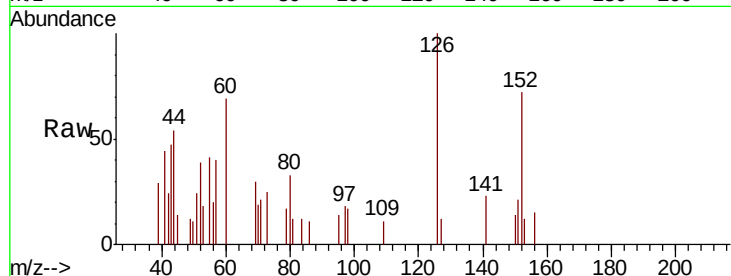
Tgt Ion:152 Resp: 2115

Ion Ratio Lower Upper

152 100

151 29.3 16.9 25.3#

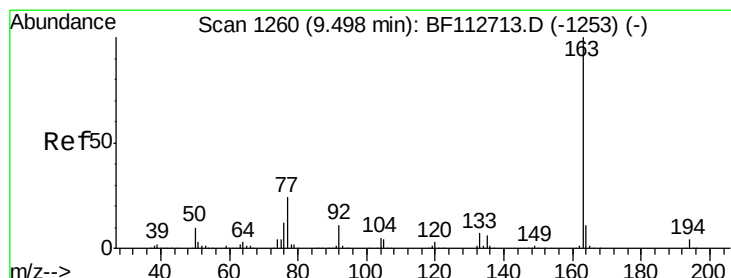
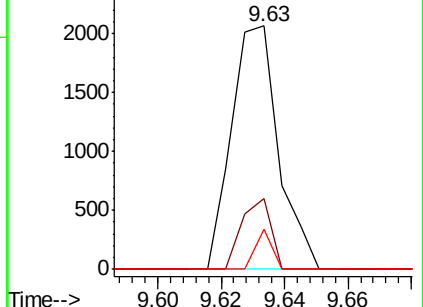
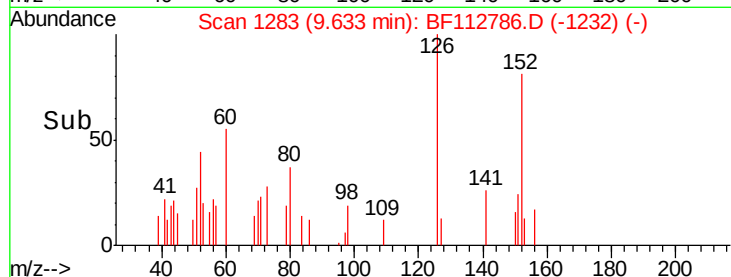
153 16.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 0.956 ng

RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

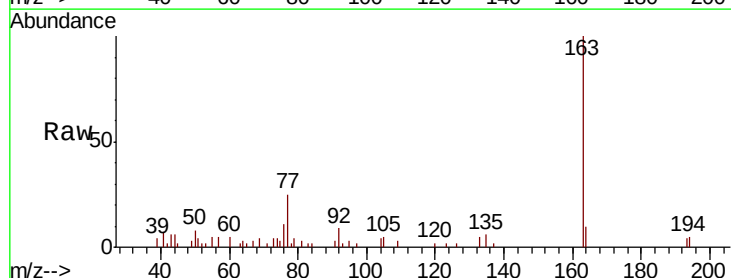
Tgt Ion:163 Resp: 18806

Ion Ratio Lower Upper

163 100

194 4.6 3.0 4.4#

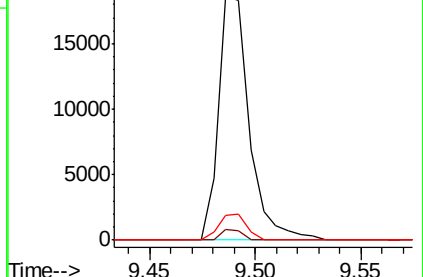
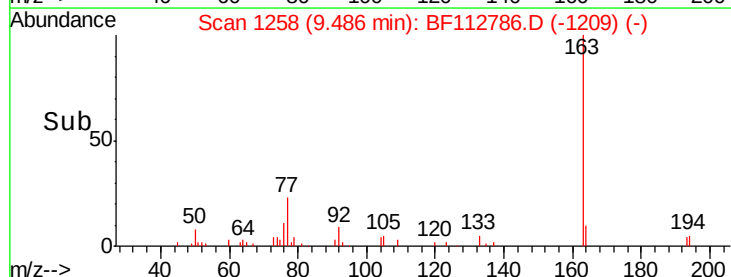
164 10.3 8.4 12.6



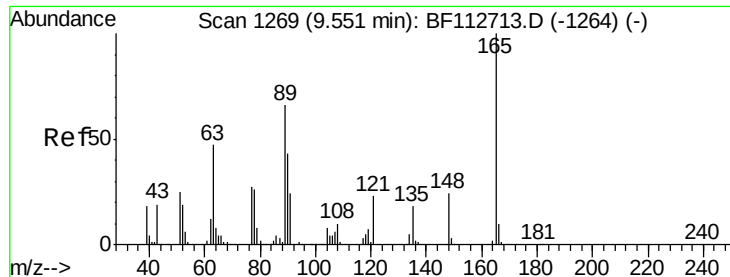
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E







#51

2,6-Dinitrotoluene

Concen: 8.407 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.22 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

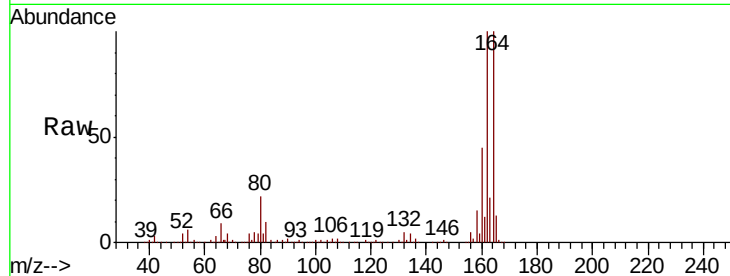
Tgt Ion:165 Resp: 34420

Ion Ratio Lower Upper

165 100

63 1.3 54.1 81.1#

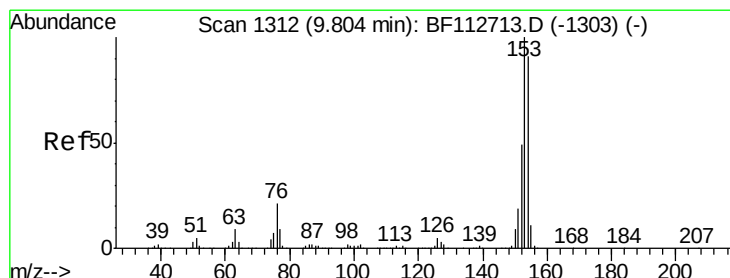
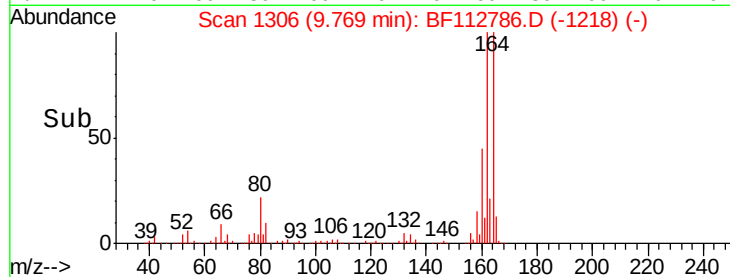
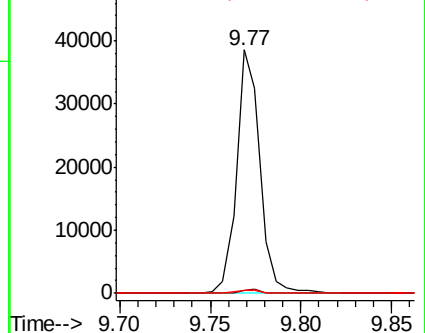
89 1.4 52.8 79.2#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 0.016 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

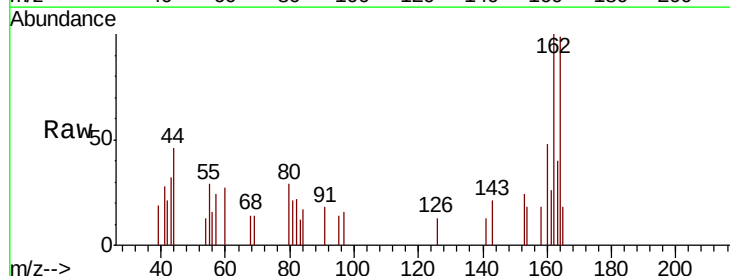
Tgt Ion:154 Resp: 268

Ion Ratio Lower Upper

154 100

153 133.7 87.8 131.8#

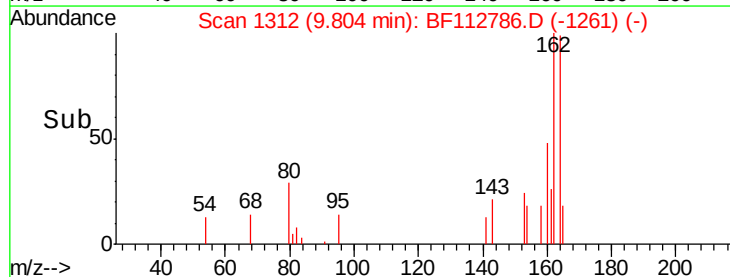
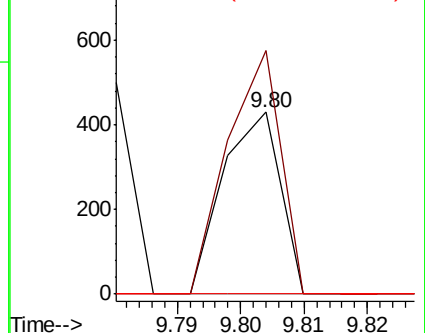
152 0.0 43.0 64.6#

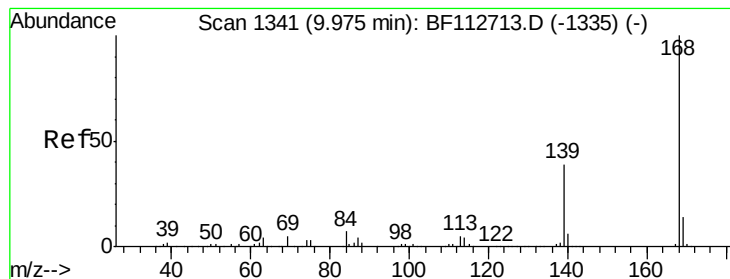


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#55

Dibenzenofuran

Concen: 0.018 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

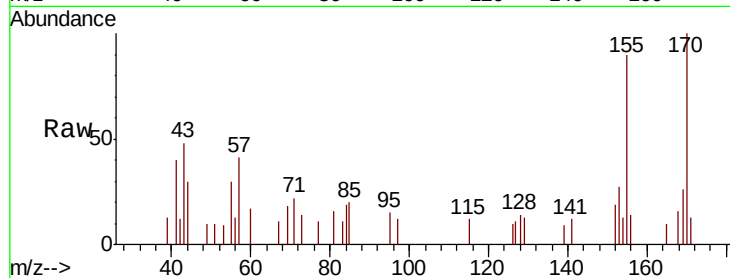
Tgt Ion:168 Resp: 446

Ion Ratio Lower Upper

168 100

139 56.9 31.3 46.9#

169 165.5 11.3 16.9#

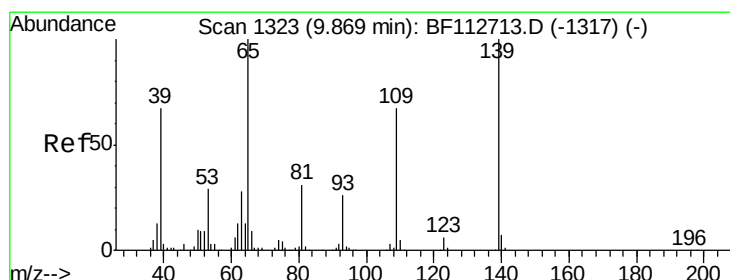
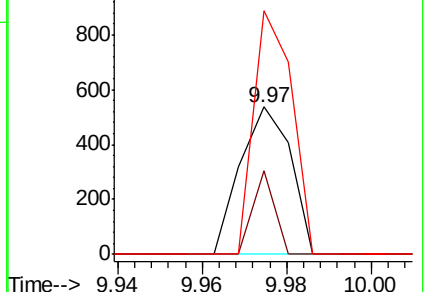
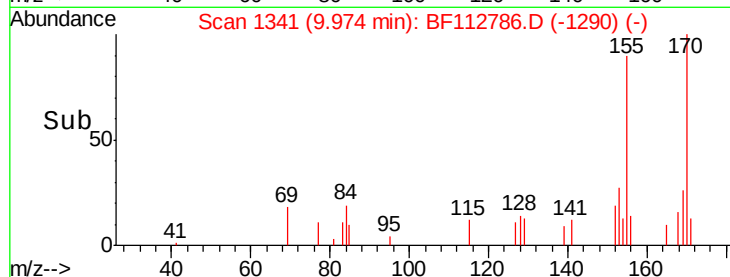


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 0.027 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.11 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

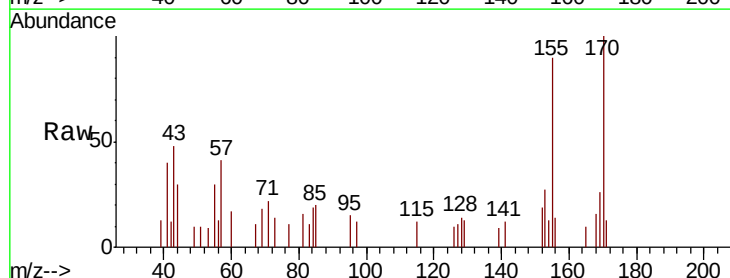
Tgt Ion:139 Resp: 108

Ion Ratio Lower Upper

139 100

109 0.0 46.8 86.8#

65 0.0 80.7 120.7#

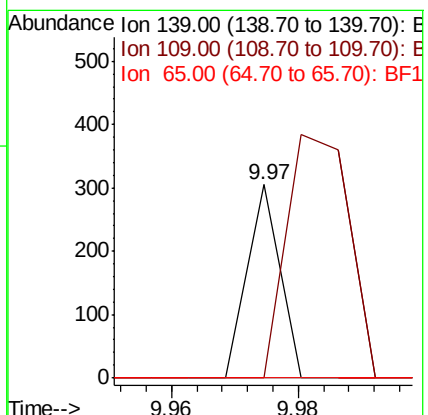
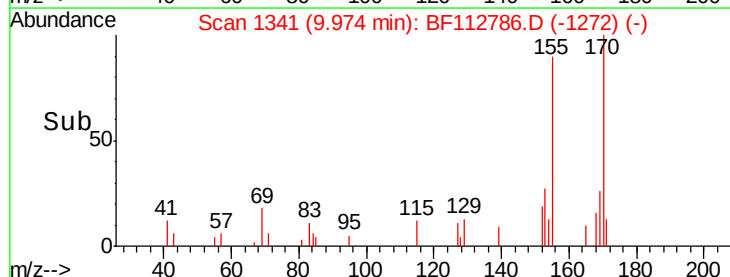


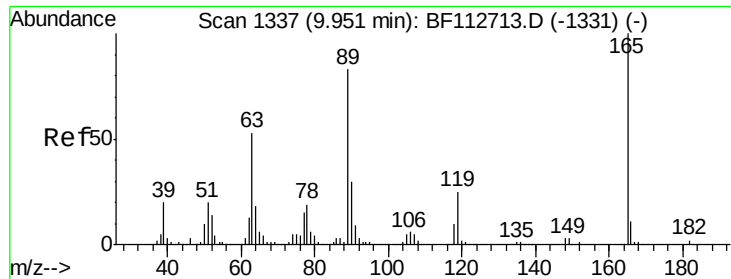
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

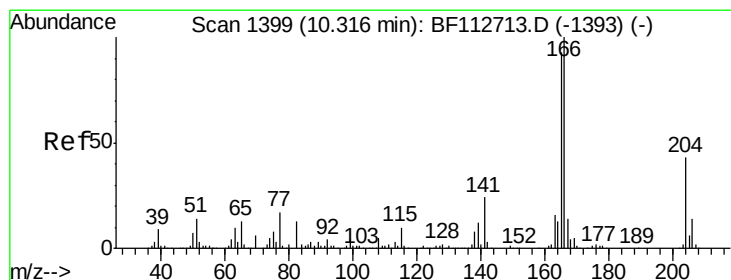
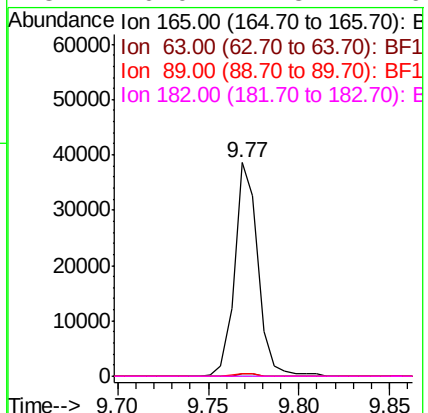
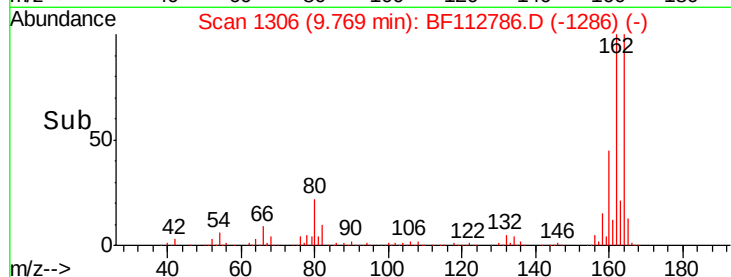
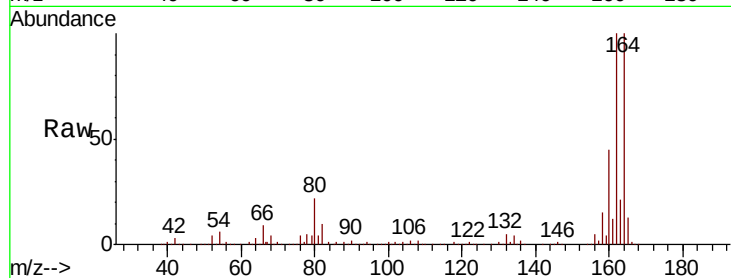




#57  
 2,4-Dinitrotoluene  
 Concen: 6.763 ng  
 RT: 9.77 min Scan# 1306  
 Delta R.T. -0.18 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

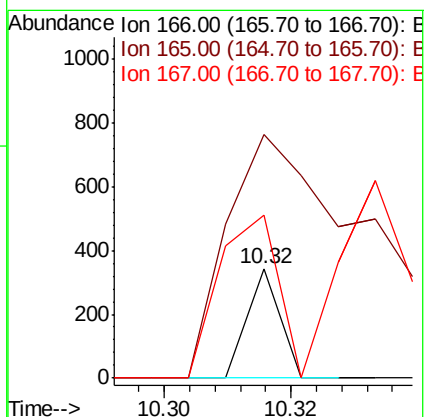
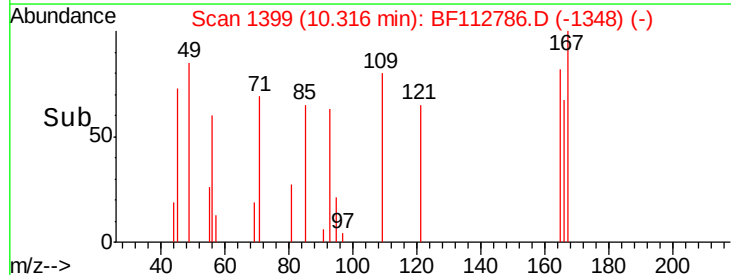
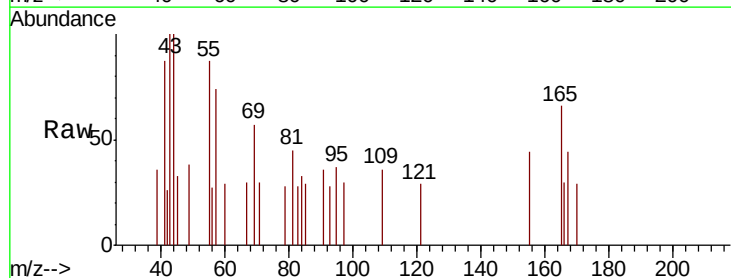
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

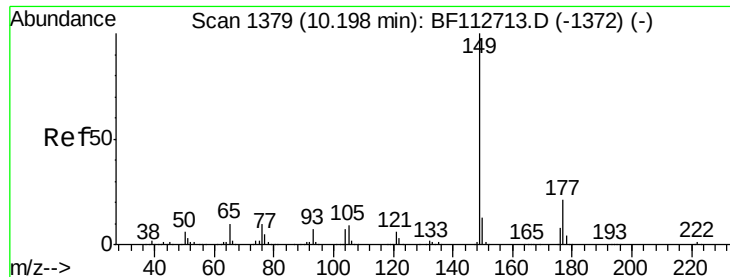
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 1.3   | 42.2  | 63.2# |
| 89      | 1.4   | 66.2  | 99.4# |
| 182     | 0.0   | 1.8   | 2.6#  |



#58  
 Fluorene  
 Concen: 0.007 ng  
 RT: 10.32 min Scan# 1399  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 166     | 100   |       |        |
| 165     | 222.7 | 74.7  | 112.1# |
| 167     | 149.6 | 11.0  | 16.6#  |

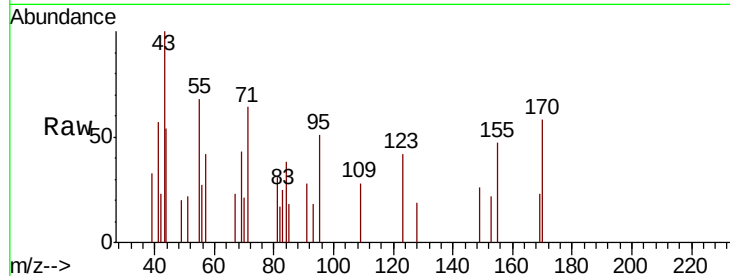




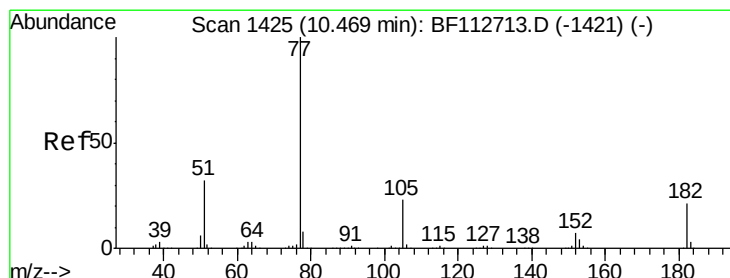
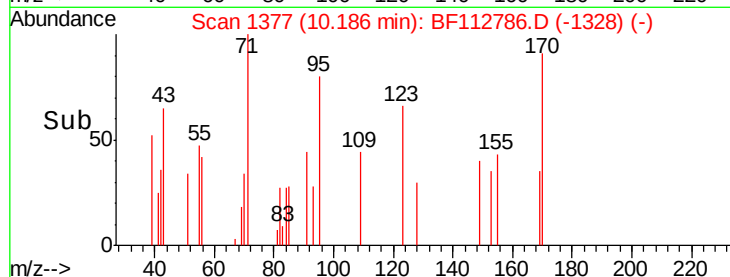
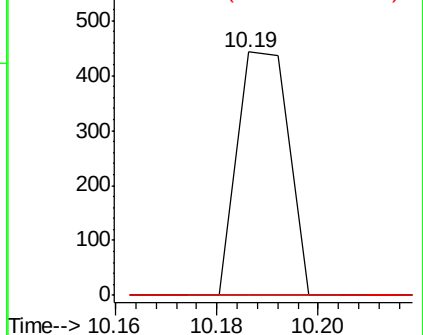
#60  
Diethylphthalate  
Concen: 0.015 ng  
RT: 10.19 min Scan# 1377  
Delta R.T. -0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

Tgt Ion: 149 Resp: 311  
Ion Ratio Lower Upper  
149 100  
177 0.0 17.0 25.6#  
150 0.0 10.0 15.0#

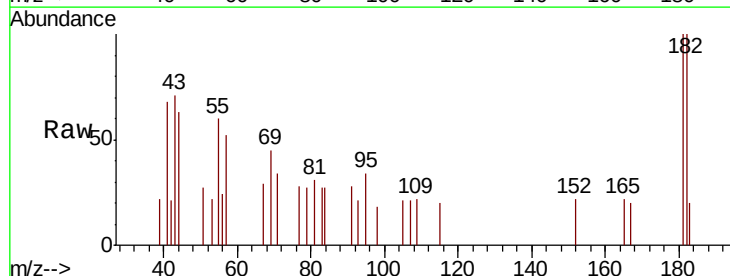


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

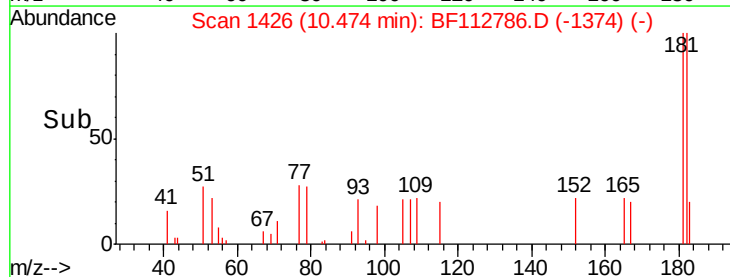
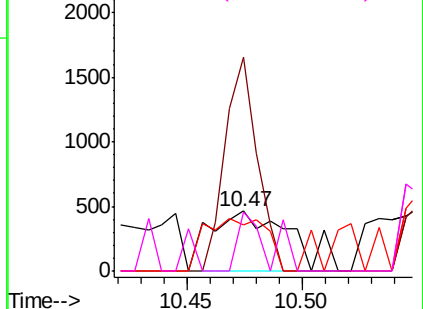


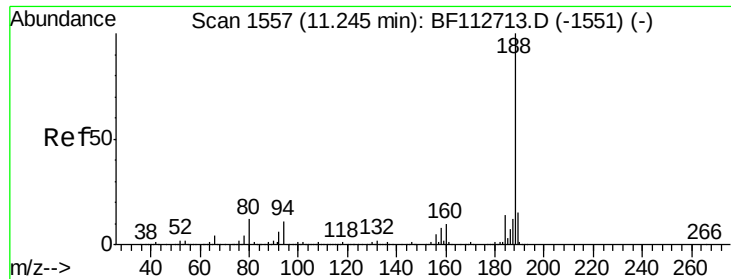
#63  
Azobenzene  
Concen: 0.054 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. 0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Tgt Ion: 77 Resp: 1142  
Ion Ratio Lower Upper  
77 100  
182 358.8 1.4 41.4#  
105 76.6 2.6 42.6#  
51 98.9 12.0 52.0#



Abundance Ion 77.00 (76.70 to 77.70): BF1  
Ion 182.00 (181.70 to 182.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 51.00 (50.70 to 51.70): BF1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.25 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

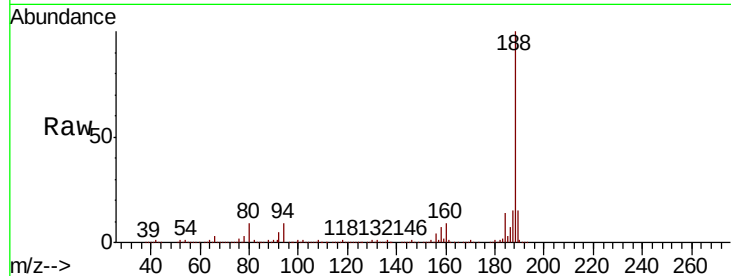
Tgt Ion:188 Resp: 490220

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.4

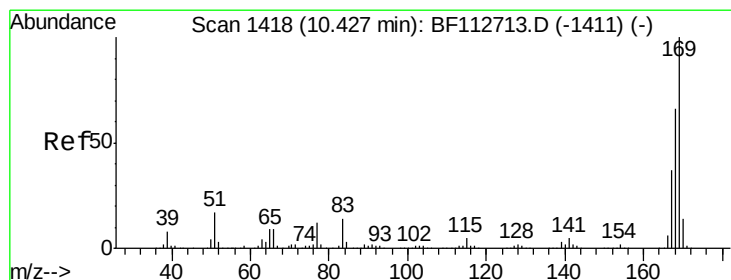
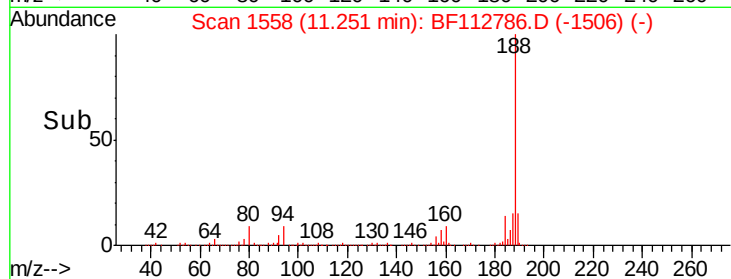
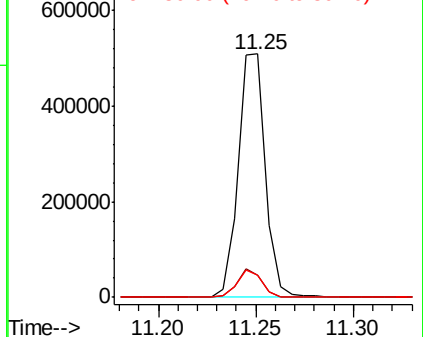
80 9.4 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#66

n-Nitrosodiphenylamine

Concen: 0.032 ng

RT: 10.43 min Scan# 1419

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

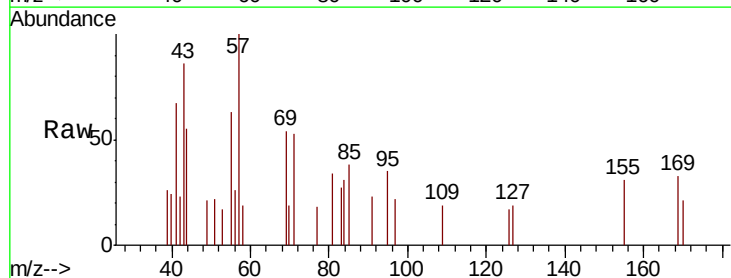
Tgt Ion:169 Resp: 502

Ion Ratio Lower Upper

169 100

168 0.0 53.0 79.6#

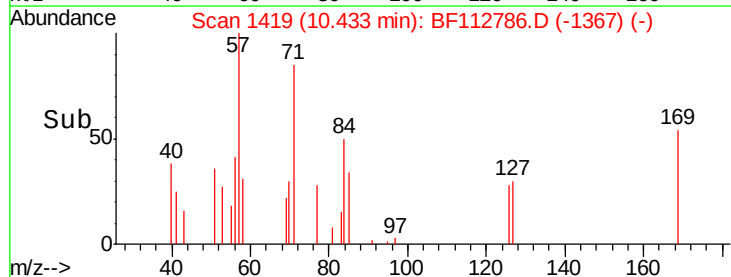
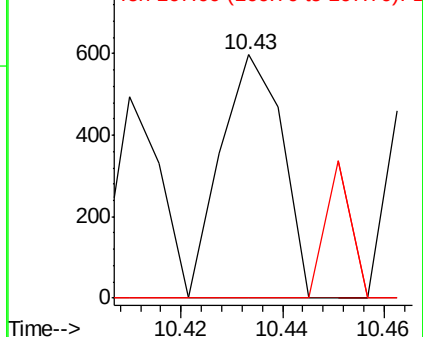
167 0.0 29.3 43.9#

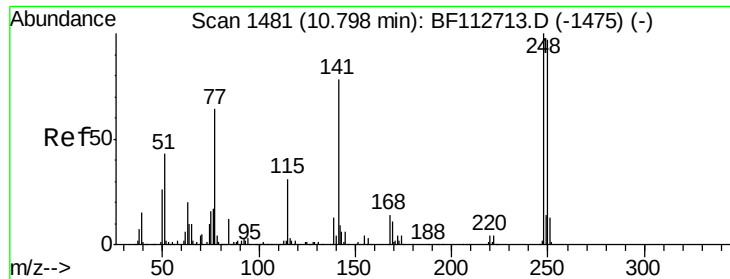


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

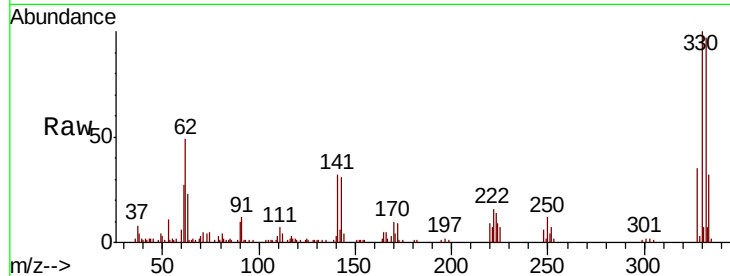




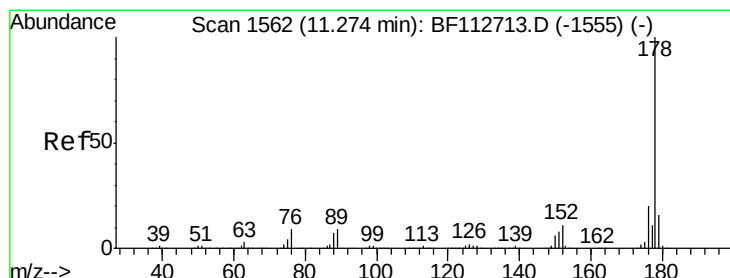
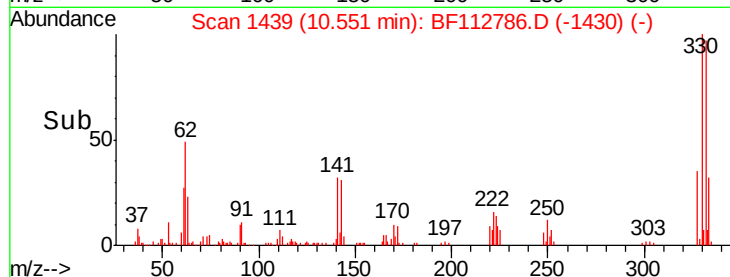
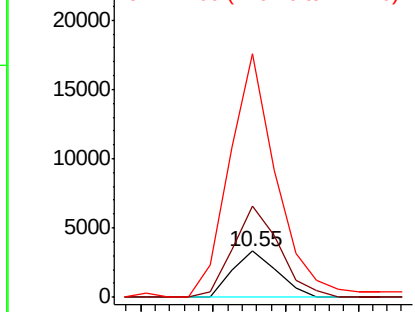
#67  
 4-Bromophenyl-phenylether  
 Concen: 0.550 ng  
 RT: 10.55 min Scan# 1439  
 Delta R.T. -0.25 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion:248 Resp: 2840  
 Ion Ratio Lower Upper  
 248 100  
 250 199.1 77.5 116.3#  
 141 527.8 62.4 93.6#

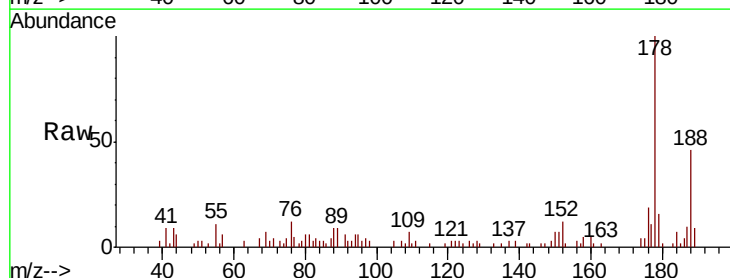


Abundance Ion 248.00 (247.70 to 248.70): E  
 Ion 250.00 (249.70 to 250.70): E  
 Ion 141.00 (140.70 to 141.70): E

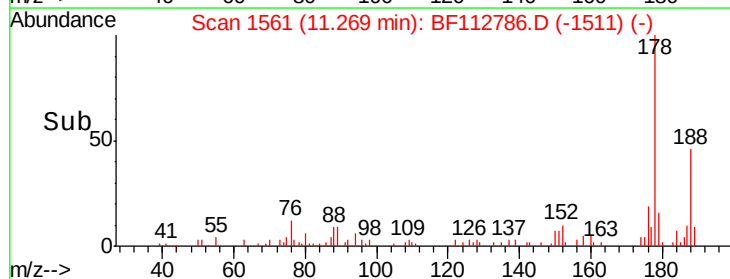
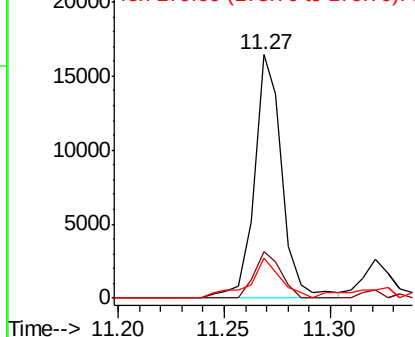


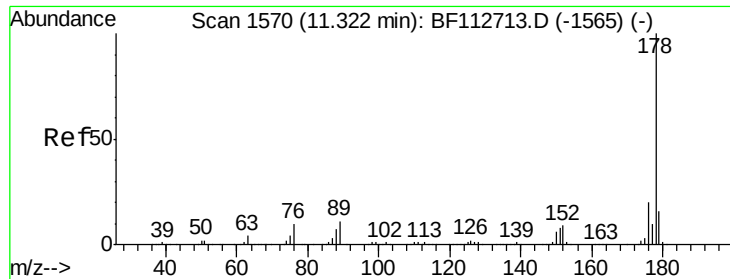
#71  
 Phenanthrene  
 Concen: 0.616 ng  
 RT: 11.27 min Scan# 1561  
 Delta R.T. -0.01 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion:178 Resp: 15021  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 16.3 24.5  
 179 16.2 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E





#72

Anthracene

Concen: 0.588 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.05 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

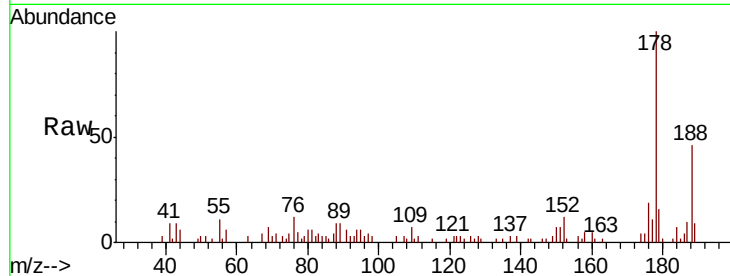
Tgt Ion:178 Resp: 15021

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

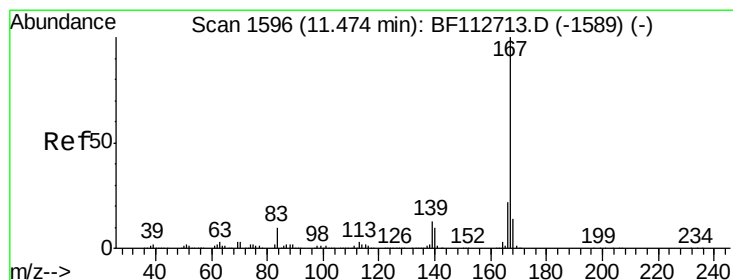
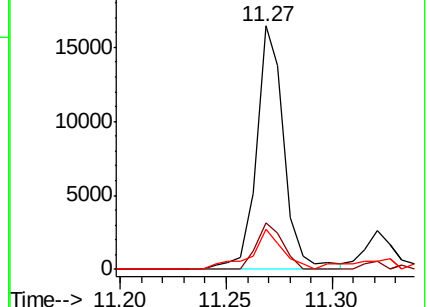
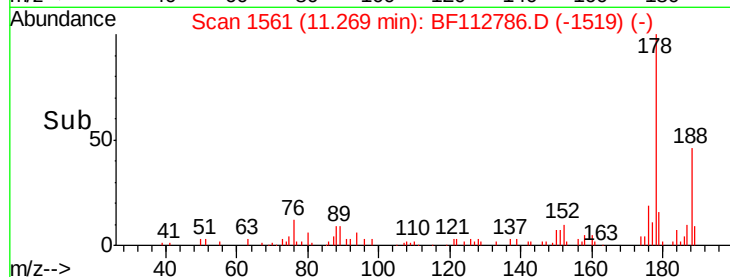
179 16.2 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 0.084 ng

RT: 11.47 min Scan# 1596

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

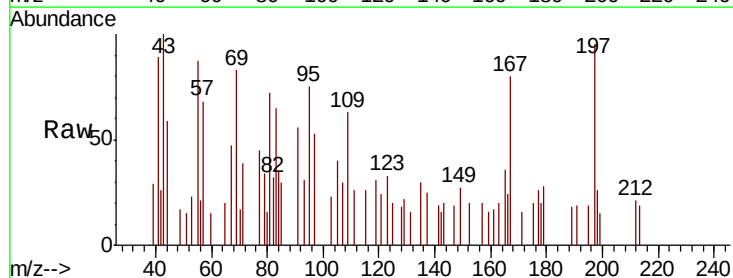
Tgt Ion:167 Resp: 2096

Ion Ratio Lower Upper

167 100

166 30.6 17.5 26.3#

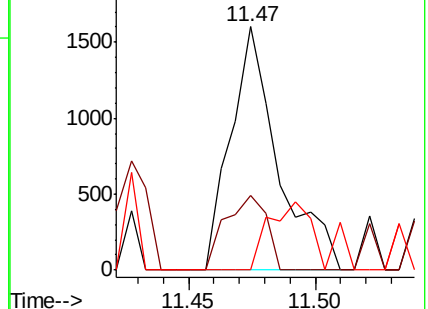
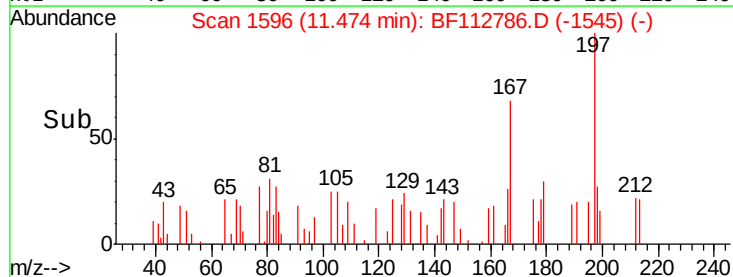
139 0.0 10.8 16.2#

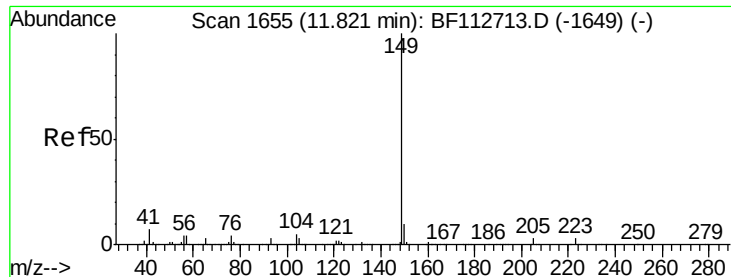


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

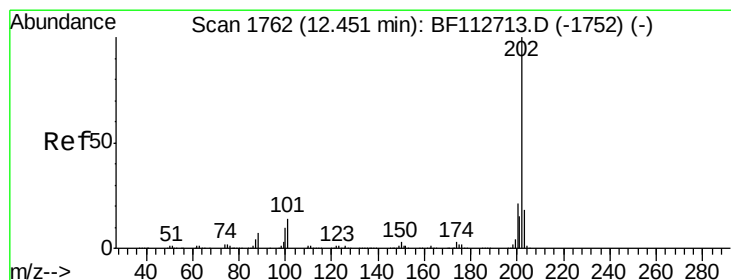
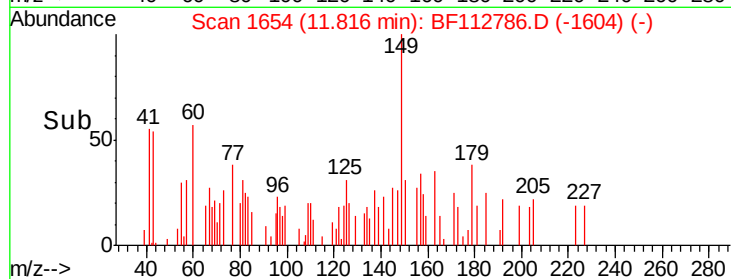
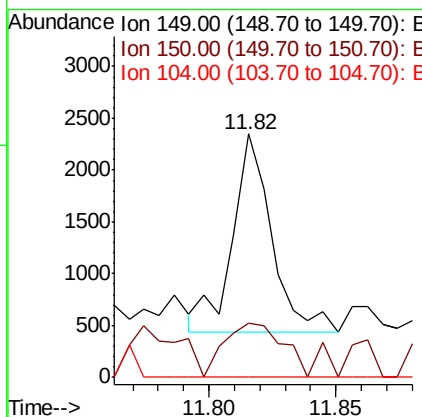
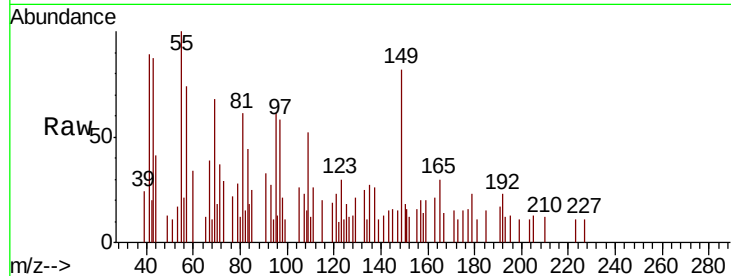




#74  
Di-n-butylphthalate  
Concen: 0.069 ng  
RT: 11.82 min Scan# 1654  
Delta R.T. -0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

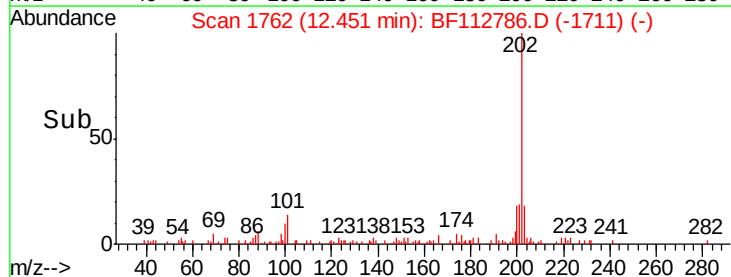
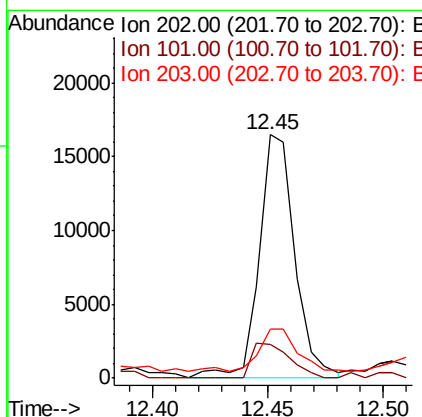
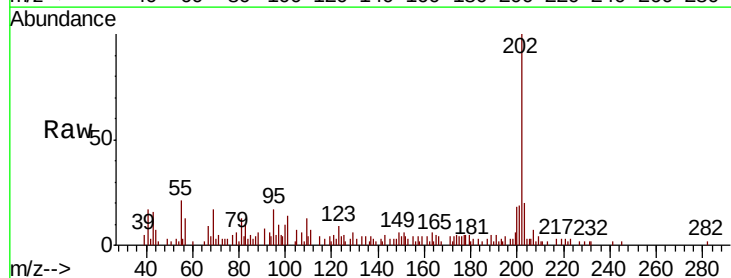
Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

Tgt Ion:149 Resp: 2051  
Ion Ratio Lower Upper  
149 100  
150 22.4 7.6 11.4#  
104 0.0 3.7 5.5#

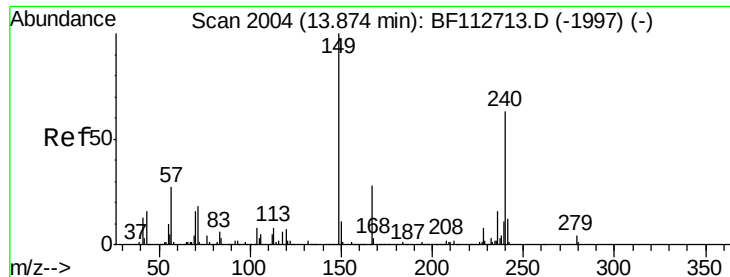


#75  
Fluoranthene  
Concen: 0.679 ng  
RT: 12.45 min Scan# 1762  
Delta R.T. -0.00 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Tgt Ion:202 Resp: 17755  
Ion Ratio Lower Upper  
202 100  
101 14.0 0.0 33.8  
203 19.9 0.0 38.4



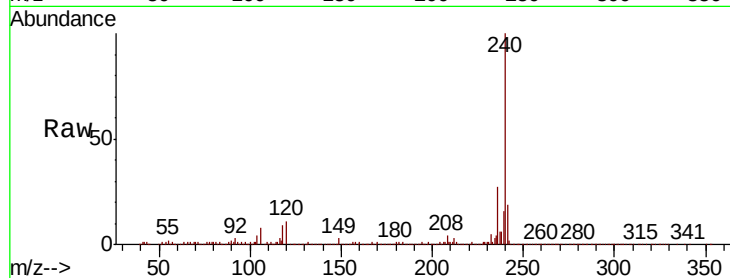




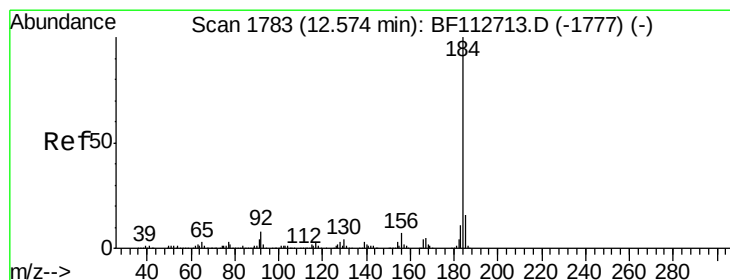
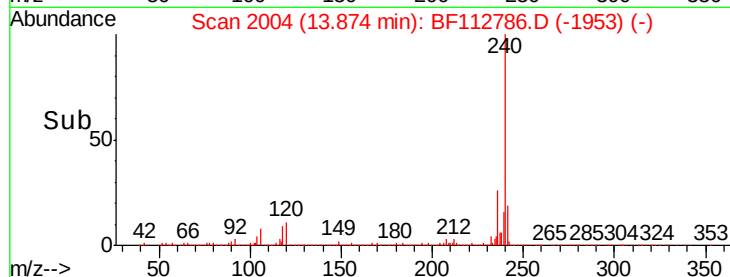
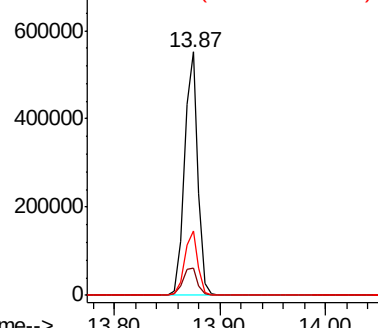
#76  
 Chrysene-d12  
 Concen: 20.000 ng  
 RT: 13.87 min Scan# 2004  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion: 240 Resp: 487544  
 Ion Ratio Lower Upper  
 240 100  
 120 11.2 8.9 13.3  
 236 26.5 20.7 31.1

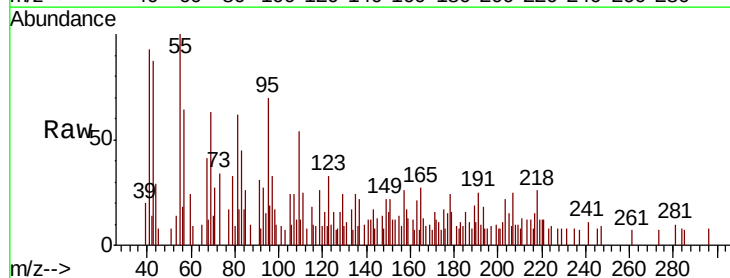


Abundance Ion 240.00 (239.70 to 240.70): E  
 Ion 120.00 (119.70 to 120.70): E  
 Ion 236.00 (235.70 to 236.70): E

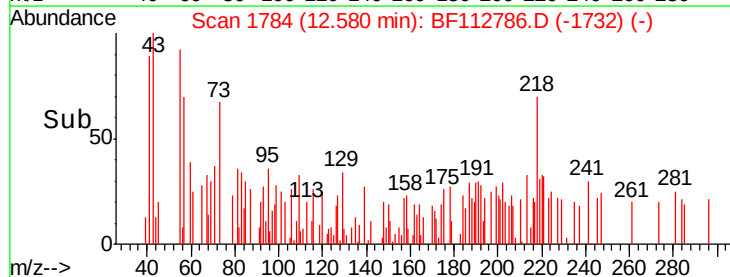
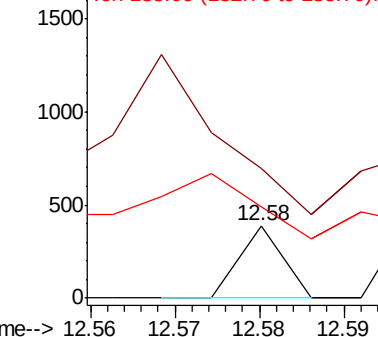


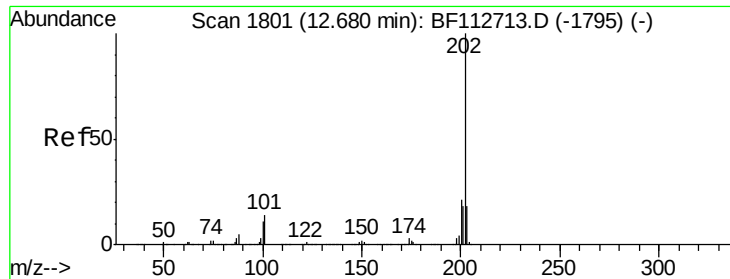
#77  
 Benzidine  
 Concen: 0.005 ng  
 RT: 12.58 min Scan# 1784  
 Delta R.T. 0.01 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion: 184 Resp: 137  
 Ion Ratio Lower Upper  
 184 100  
 185 180.2 12.6 18.8#  
 183 125.5 8.6 12.8#



Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 185.00 (184.70 to 185.70): E  
 Ion 183.00 (182.70 to 183.70): E

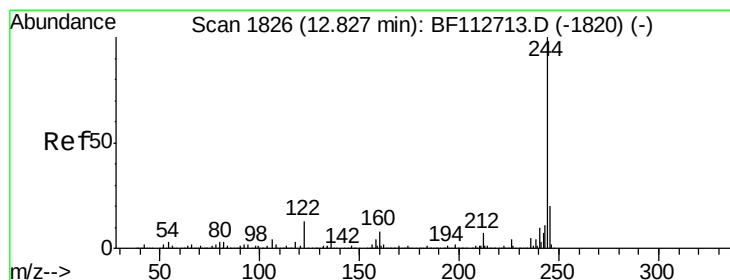
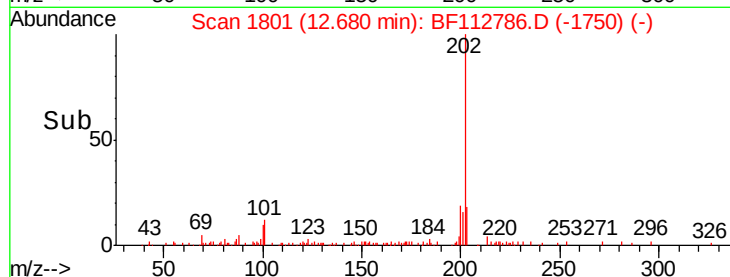
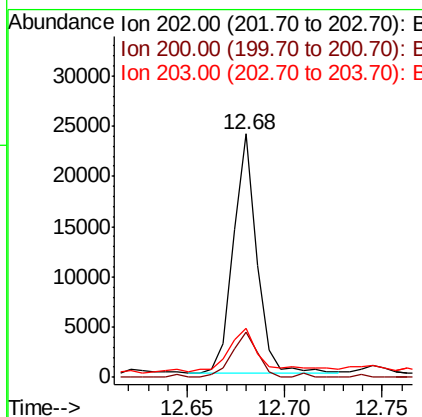
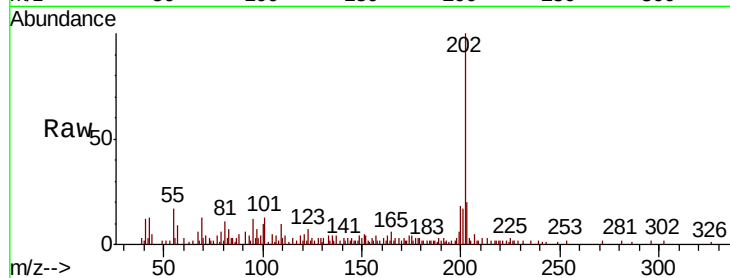




#78  
 Pyrene  
 Concen: 0.477 ng  
 RT: 12.68 min Scan# 1801  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

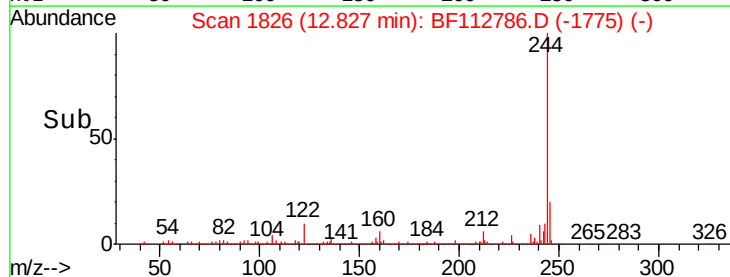
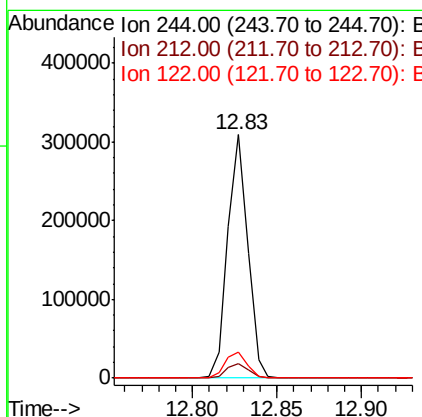
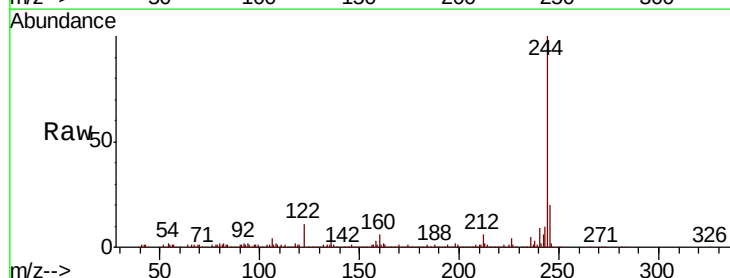
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

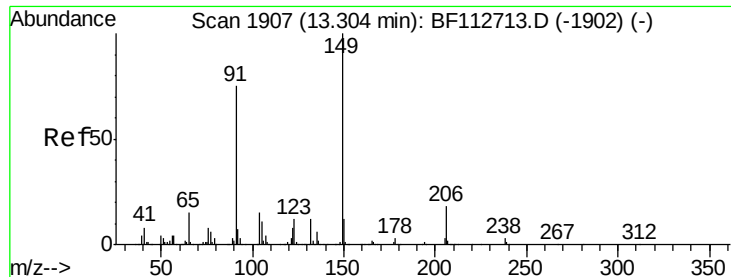
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 18.4  | 17.0  | 25.4  |
| 203     | 20.0  | 14.4  | 21.6  |



#79  
 Terphenyl-d14  
 Concen: 10.164 ng  
 RT: 12.83 min Scan# 1826  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 6.2   | 5.6   | 8.4   |
| 122     | 10.5  | 10.5  | 15.7  |

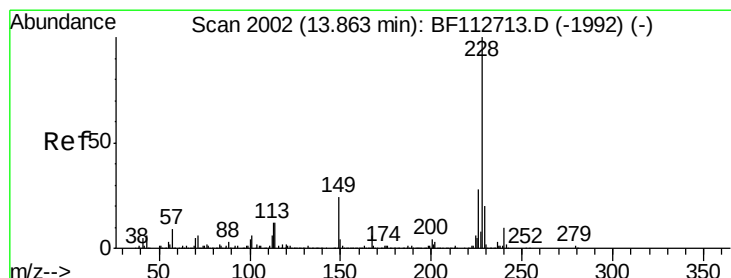
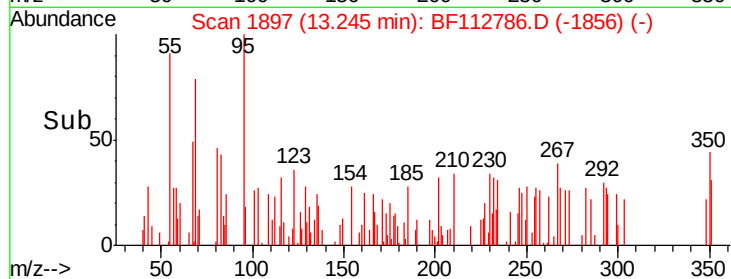
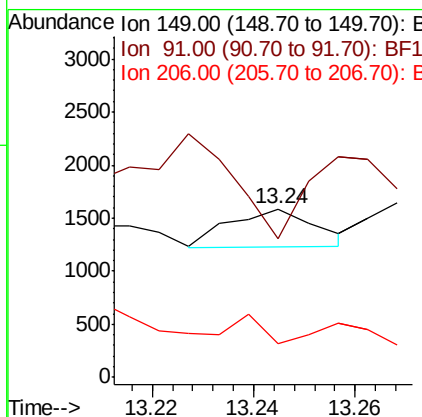
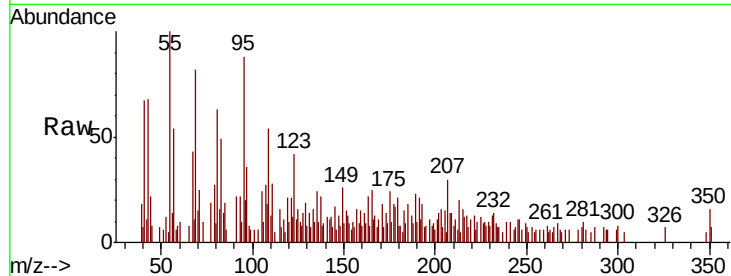




#80  
Butylbenzylphthalate  
Concen: 0.023 ng  
RT: 13.24 min Scan# 1897  
Delta R.T. -0.06 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

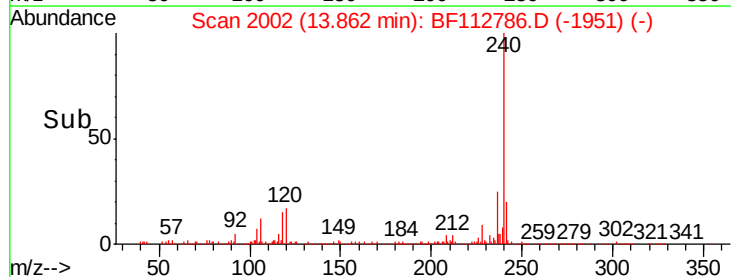
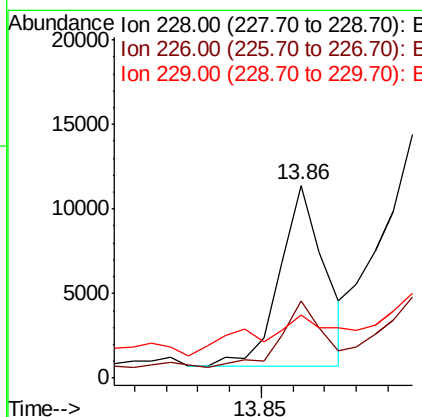
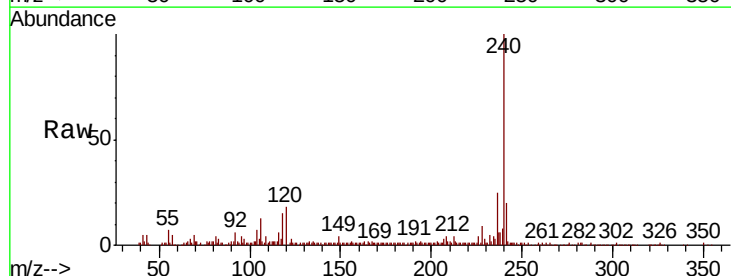
Instrument :  
BNA\_F  
ClientSampleId :  
B-7(3.5-4.5)

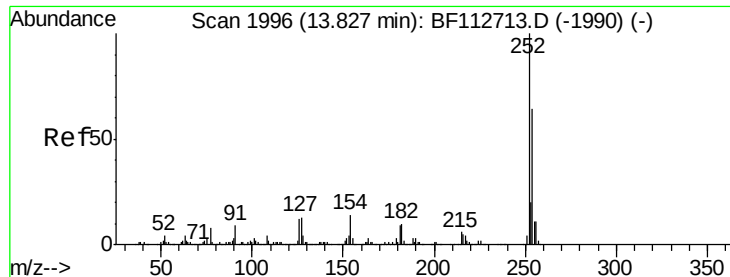
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 149   | Resp: | 416  |
| Ion Ratio | Lower | Upper |      |
| 149       | 100   |       |      |
| 91        | 82.3  | 59.9  | 89.9 |
| 206       | 20.2  | 14.7  | 22.1 |



#81  
Benzo(a)anthracene  
Concen: 0.317 ng  
RT: 13.86 min Scan# 2002  
Delta R.T. -0.00 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 228   | Resp: | 10717 |
| Ion Ratio | Lower | Upper |       |
| 228       | 100   |       |       |
| 226       | 40.1  | 22.2  | 33.4# |
| 229       | 32.6  | 16.0  | 24.0# |

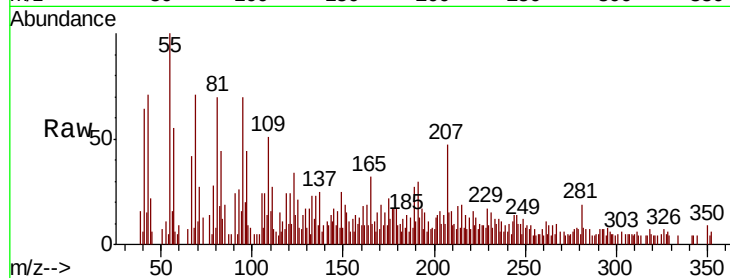




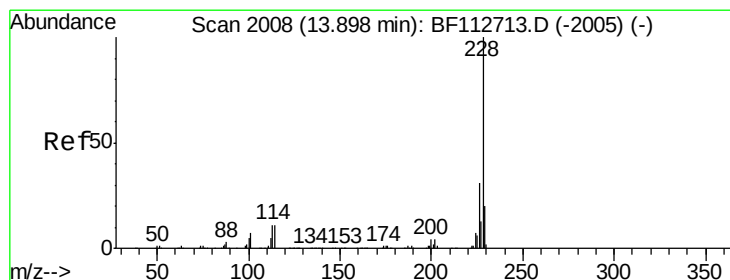
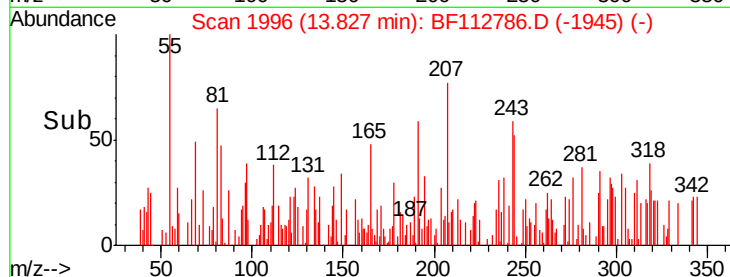
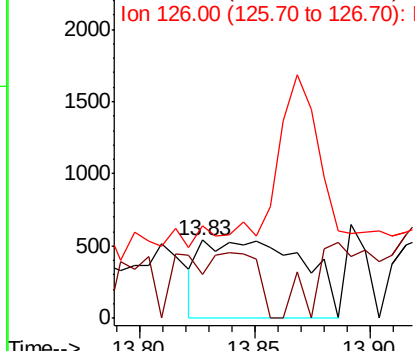
#82  
 3,3'-Dichlorobenzidine  
 Concen: 0.129 ng  
 RT: 13.83 min Scan# 1996  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

Tgt Ion: 252 Resp: 1651  
 Ion Ratio Lower Upper  
 252 100  
 254 56.7 51.1 76.7  
 126 118.3 9.9 14.9#

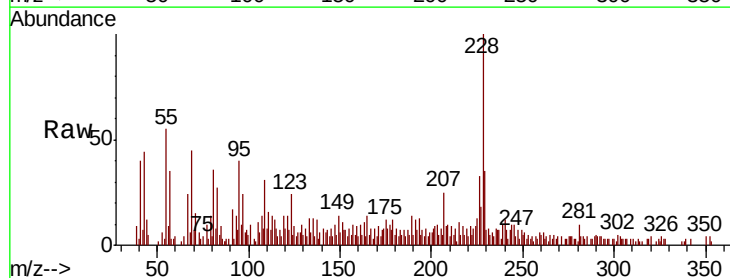


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

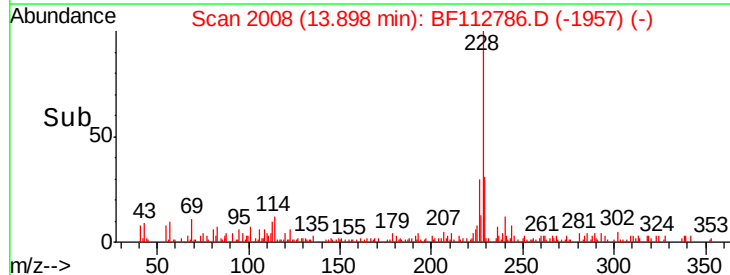
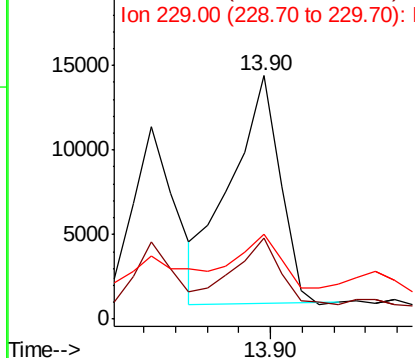


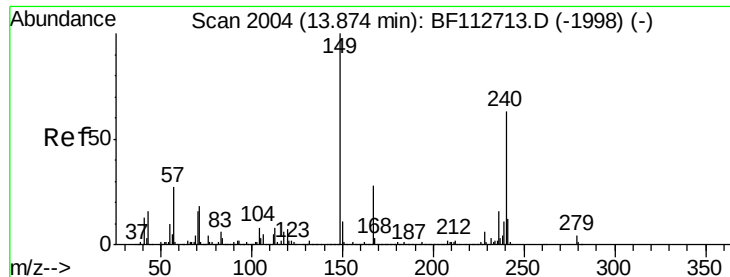
#83  
 Chrysene  
 Concen: 0.438 ng  
 RT: 13.90 min Scan# 2008  
 Delta R.T. -0.00 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion: 228 Resp: 14497  
 Ion Ratio Lower Upper  
 228 100  
 226 33.2 24.9 37.3  
 229 34.7 16.3 24.5#



Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 0.604 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.00 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

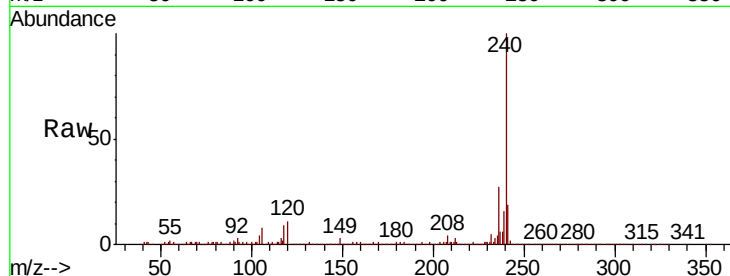
Tgt Ion:149 Resp: 12857

Ion Ratio Lower Upper

149 100

167 32.0 22.4 33.6

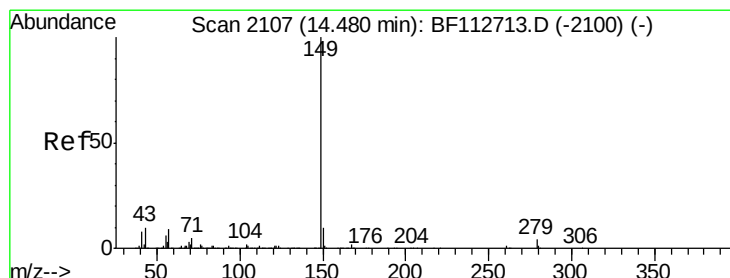
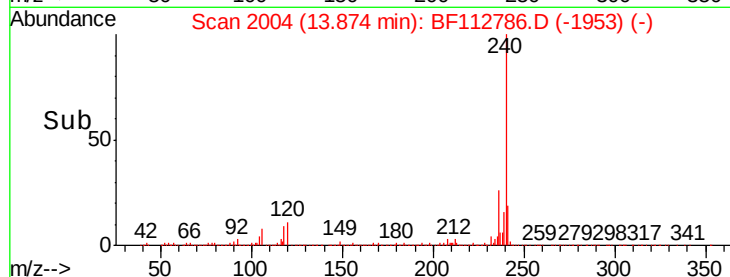
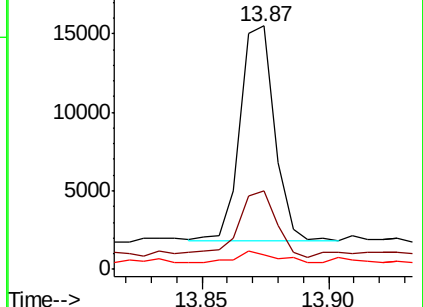
279 6.2 3.3 4.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 0.012 ng

RT: 14.49 min Scan# 2108

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

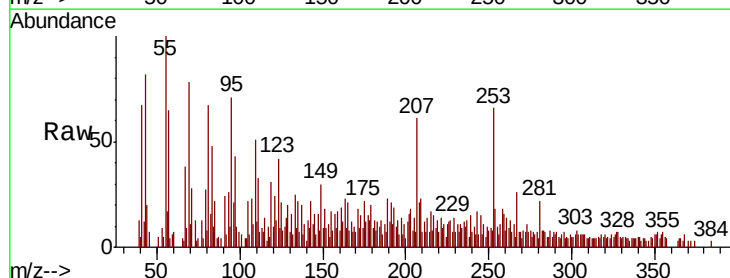
Tgt Ion:149 Resp: 431

Ion Ratio Lower Upper

149 100

167 221.3 1.2 1.8#

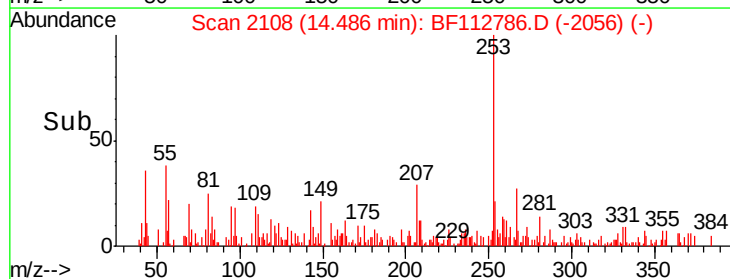
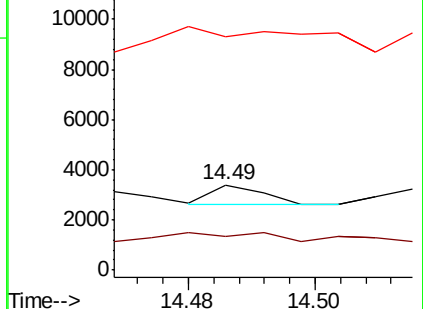
43 404.9 9.0 13.4#

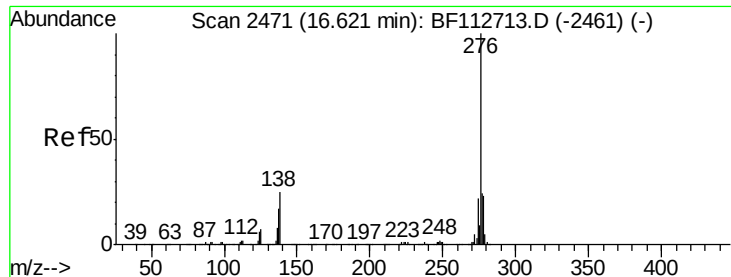


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

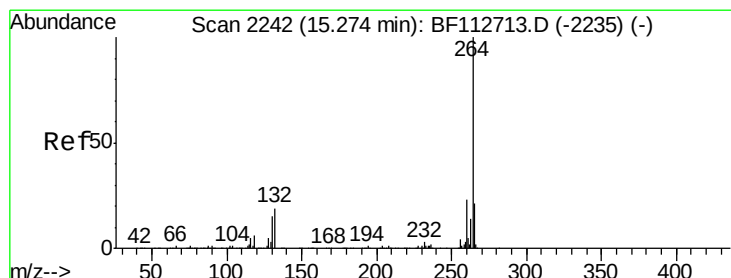
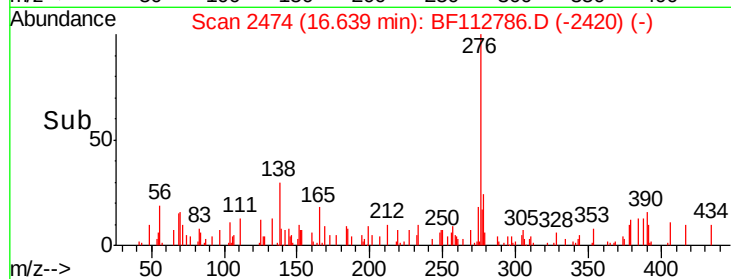
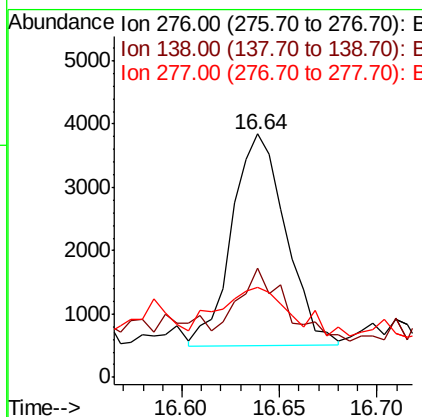
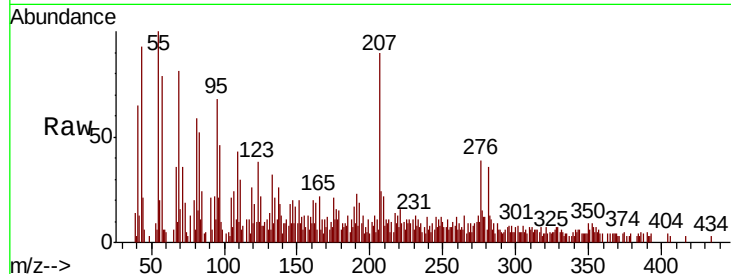




#86  
 Indeno(1,2,3-cd)pyrene  
 Concen: 0.227 ng  
 RT: 16.64 min Scan# 2474  
 Delta R.T. 0.02 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

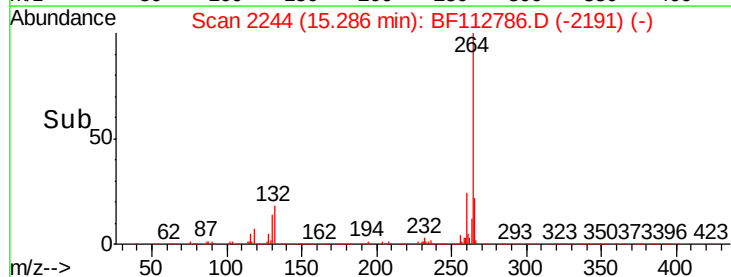
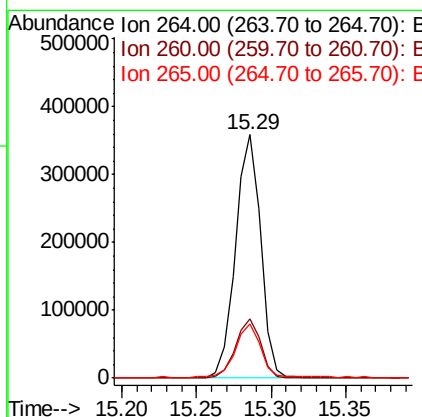
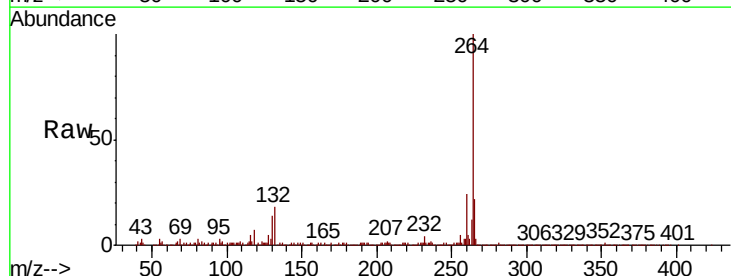
Instrument :  
 BNA\_F  
 ClientSampleId :  
 B-7(3.5-4.5)

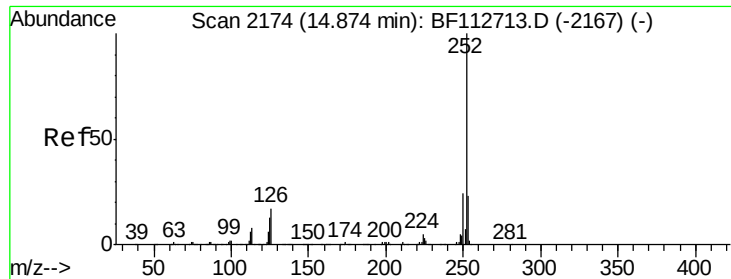
Tgt Ion: 276 Resp: 6407  
 Ion Ratio Lower Upper  
 276 100  
 138 30.7 23.2 34.8  
 277 29.8 19.9 29.9



#87  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 15.29 min Scan# 2244  
 Delta R.T. 0.01 min  
 Lab File: BF112786.D  
 Acq: 1 Mar 2019 2:44

Tgt Ion: 264 Resp: 421241  
 Ion Ratio Lower Upper  
 264 100  
 260 24.4 18.7 28.1  
 265 22.4 17.2 25.8

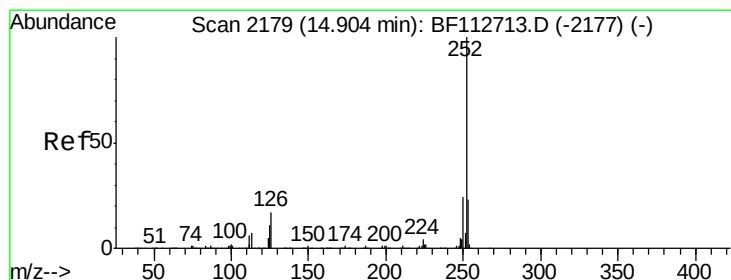
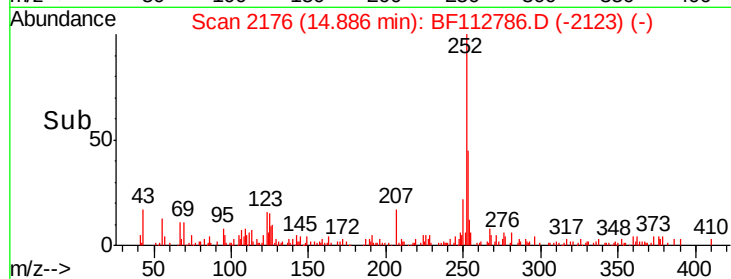
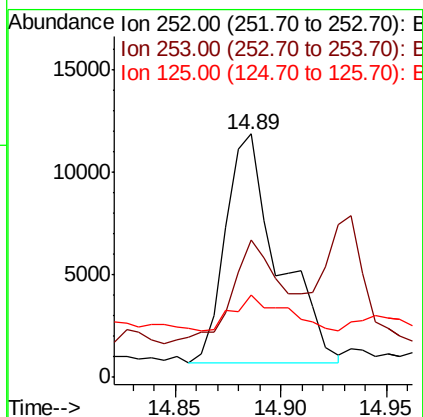
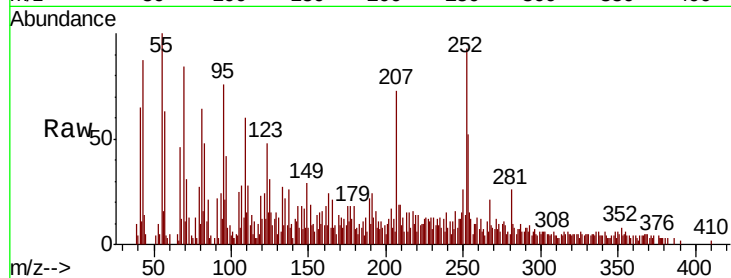




#88  
Benzo(b)fluoranthene  
Concen: 0.712 ng  
RT: 14.89 min Scan# 2176  
Delta R.T. 0.01 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

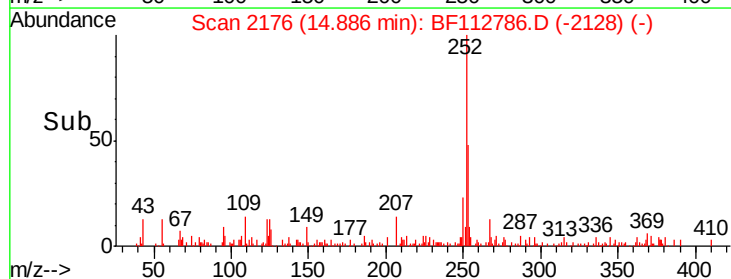
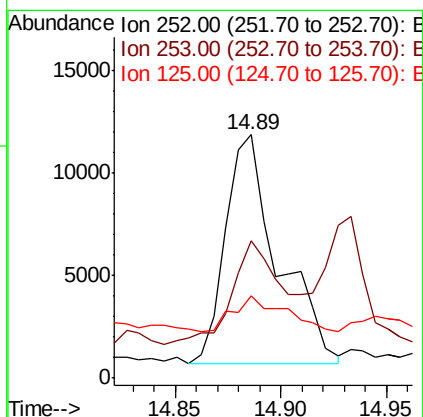
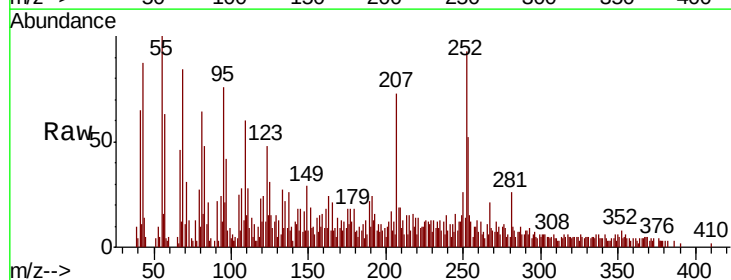
Instrument :  
BNA\_F  
ClientSampled :  
B-7(3.5-4.5)

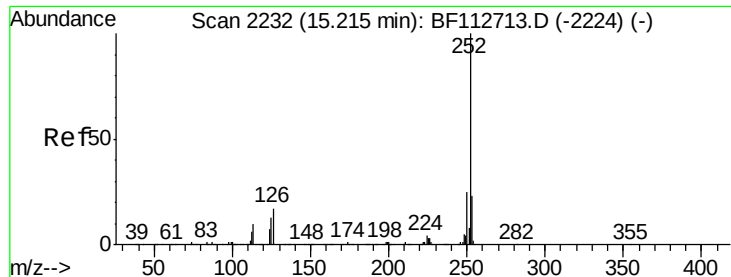
Tgt Ion:252 Resp: 19408  
Ion Ratio Lower Upper  
252 100  
253 56.4 18.0 27.0#  
125 33.8 10.2 15.2#



#89  
Benzo(k)fluoranthene  
Concen: 0.786 ng  
RT: 14.89 min Scan# 2176  
Delta R.T. -0.02 min  
Lab File: BF112786.D  
Acq: 1 Mar 2019 2:44

Tgt Ion:252 Resp: 19408  
Ion Ratio Lower Upper  
252 100  
253 56.4 18.2 27.2#  
125 33.8 9.8 14.6#





#90

Benzo(a)pyrene

Concen: 0.407 ng

RT: 15.22 min Scan# 2233

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

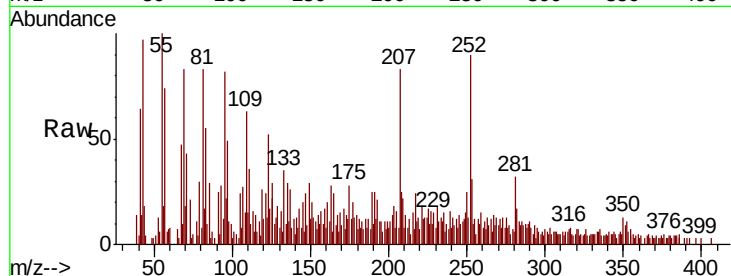
Tgt Ion:252 Resp: 9811

Ion Ratio Lower Upper

252 100

253 34.9 18.0 27.0#

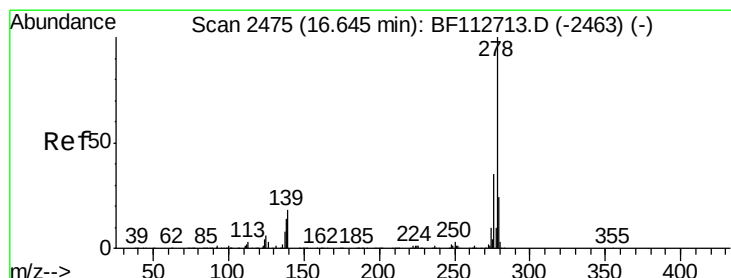
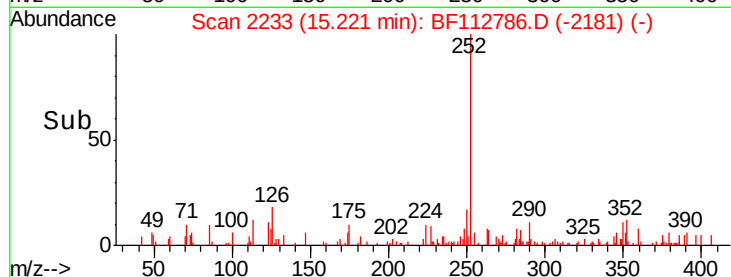
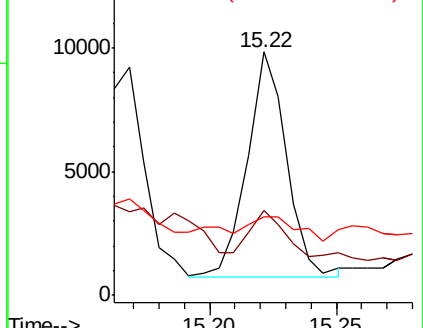
125 32.4 10.7 16.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 0.116 ng

RT: 16.65 min Scan# 2476

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

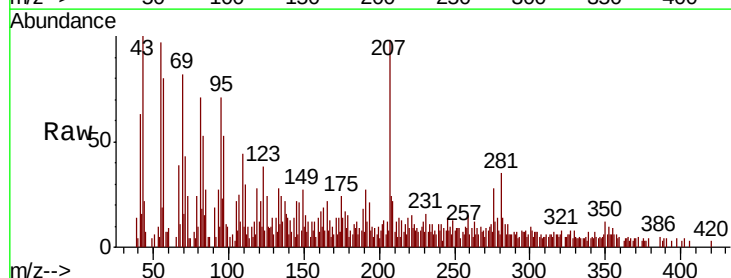
Tgt Ion:278 Resp: 2385

Ion Ratio Lower Upper

278 100

139 100.8 14.3 21.5#

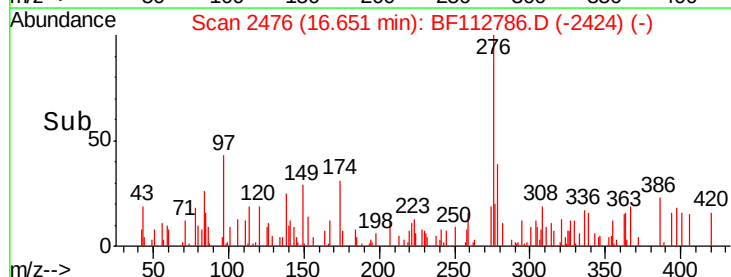
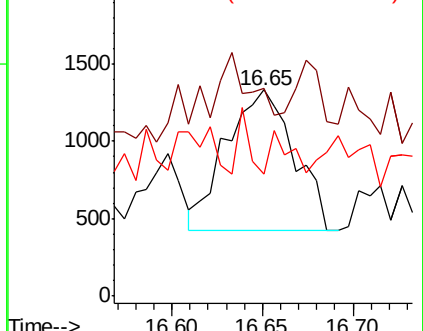
279 59.4 19.4 29.0#



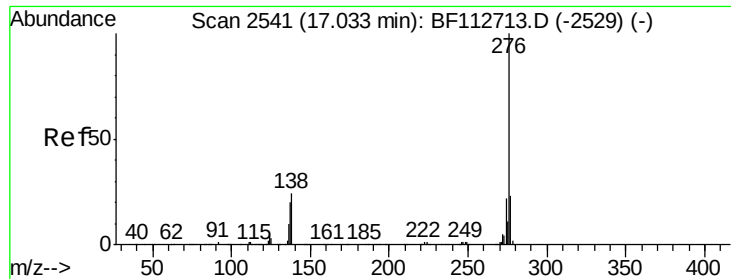
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#92

Benzo(g,h,i)perylene

Concen: 0.450 ng

RT: 17.04 min Scan# 2543

Delta R.T. 0.01 min

Lab File: BF112786.D

Acq: 1 Mar 2019 2:44

Instrument :

BNA\_F

ClientSampleId :

B-7(3.5-4.5)

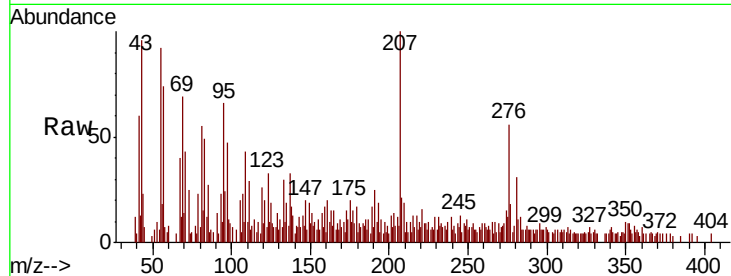
Tgt Ion: 276 Resp: 9284

Ion Ratio Lower Upper

276 100

277 31.5 18.6 27.8#

138 30.4 19.4 29.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

