

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022318\  
 Data File : BF103191.D  
 Acq On : 23 Feb 2018 11:32  
 Operator : SJ/JU  
 Sample : J1161-03  
 Misc : MDL-S-2ppm  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 23 12:29:27 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.87  | 152  | 181542   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.15  | 136  | 796780   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.91  | 164  | 375620   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.40 | 188  | 660654   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.04 | 240  | 485704   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 469827   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.49  | 112 | 1326082 | 110.48 | ng | 0.00 |
| 7) Phenol-d6             | 6.50  | 99  | 1623111 | 110.51 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.44  | 82  | 1225935 | 87.87  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.70 | 330 | 367056  | 115.45 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.23  | 172 | 1815005 | 82.69  | ng | 0.00 |
| 78) Terphenyl-d14        | 12.99 | 244 | 1494371 | 73.96  | ng | 0.00 |

## Target Compounds

|                                |      |     |       |       |    | Qvalue |
|--------------------------------|------|-----|-------|-------|----|--------|
| 2) 1,4-Dioxane                 | 2.66 | 88  | 11511 | 1.816 | ng | # 85   |
| 3) Pyridine                    | 3.64 | 79  | 16512 | 0.976 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.45 | 42  | 6345  | 0.930 | ng | # 73   |
| 6) Aniline                     | 6.54 | 93  | 44939 | 2.120 | ng | 96     |
| 8) 2-Chlorophenol              | 6.66 | 128 | 27210 | 2.182 | ng | 93     |
| 9) Benzaldehyde                | 6.43 | 77  | 15470 | 0.854 | ng | 95     |
| 10) Phenol                     | 6.52 | 94  | 37606 | 2.205 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.60 | 93  | 29409 | 2.272 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.81 | 146 | 31721 | 2.226 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 6.89 | 146 | 32465 | 2.272 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 7.04 | 146 | 29634 | 2.250 | ng | 96     |
| 15) Benzyl Alcohol             | 7.01 | 79  | 41248 | 3.727 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.14 | 45  | 49144 | 2.211 | ng | 96     |
| 17) 2-Methylphenol             | 7.12 | 107 | 24961 | 2.203 | ng | 96     |
| 18) Hexachloroethane           | 7.38 | 117 | 11648 | 2.240 | ng | 92     |
| 19) n-Nitroso-di-n-propylamine | 7.27 | 70  | 23898 | 2.614 | ng | # 95   |
| 20) 3+4-Methylphenols          | 7.28 | 107 | 32792 | 2.374 | ng | # 53   |
| 22) Acetophenone               | 7.27 | 105 | 45574 | 2.450 | ng | # 91   |
| 24) Nitrobenzene               | 7.45 | 77  | 36406 | 2.370 | ng | 97     |
| 25) Isophorone                 | 7.69 | 82  | 58162 | 2.117 | ng | 98     |
| 26) 2-Nitrophenol              | 7.77 | 139 | 13245 | 1.832 | ng | # 86   |
| 27) 2,4-Dimethylphenol         | 7.80 | 122 | 21577 | 1.952 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.90 | 93  | 35953 | 2.225 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 20835 | 1.969 | ng | 94     |
| 30) 1,2,4-Trichlorobenzene     | 8.09 | 180 | 24403 | 2.165 | ng | 98     |
| 31) Naphthalene                | 8.17 | 128 | 90285 | 2.314 | ng | 98     |
| 32) Benzoic acid               | 7.89 | 122 | 6031  | 7.543 | ng | 92     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 33406 | 1.985 | ng | 95     |
| 34) Hexachlorobutadiene        | 8.29 | 225 | 12926 | 2.203 | ng | 96     |
| 35) Caprolactam                | 8.62 | 113 | 334   | 0.090 | ng | # 89   |
| 36) 4-Chloro-3-methylphenol    | 8.70 | 107 | 25040 | 2.098 | ng | 94     |
| 37) 2-Methylnaphthalene        | 8.86 | 142 | 60092 | 2.384 | ng | 96     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.03 | 216 | 22431 | 2.184 | ng | 99     |
| 40) Hexachlorocyclopentadiene  | 9.02 | 237 | 459   | 8.994 | ng | 88     |

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 Sample : J1161-03  
 Misc : MDL-S-2ppm  
 ALS Vial : 9 Sample Multiplier: 1

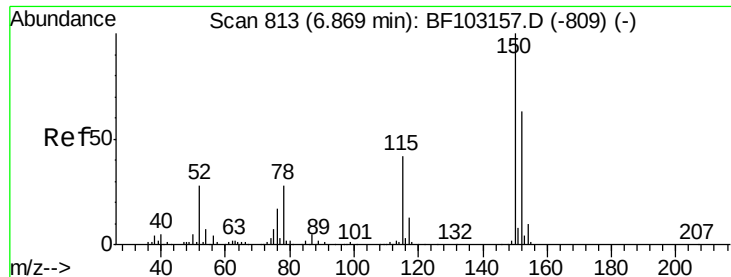
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 23 12:29:27 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 23 02:43:46 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.15  | 196  | 13555    | 1.962 | ng    | 97       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 13348    | 1.680 | ng    | 95       |
| 45) 1,1'-Biphenyl              | 9.33  | 154  | 80095    | 2.545 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 9.36  | 162  | 55451    | 2.227 | ng    | 97       |
| 47) 2-Nitroaniline             | 9.45  | 65   | 18068    | 1.959 | ng #  | 80       |
| 48) Acenaphthylene             | 9.77  | 152  | 87552    | 2.285 | ng    | 99       |
| 49) Dimethylphthalate          | 9.62  | 163  | 67866    | 2.252 | ng #  | 99       |
| 50) 2,6-Dinitrotoluene         | 9.69  | 165  | 13181    | 2.084 | ng #  | 81       |
| 51) Acenaphthene               | 9.94  | 154  | 53272    | 2.385 | ng    | 97       |
| 52) 3-Nitroaniline             | 9.87  | 138  | 14465    | 1.803 | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 10.00 | 184  | 286      | 9.731 | ng #  | 18       |
| 54) Dibenzofuran               | 10.12 | 168  | 77305    | 2.521 | ng    | 98       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 4795     | 0.964 | ng    | 91       |
| 56) 2,4-Dinitrotoluene         | 10.10 | 165  | 15744    | 1.969 | ng    | 94       |
| 57) Fluorene                   | 10.46 | 166  | 62534    | 2.394 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.23 | 232  | 10218    | 1.914 | ng #  | 92       |
| 59) Diethylphthalate           | 10.32 | 149  | 67342    | 2.337 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.45 | 204  | 26370    | 2.380 | ng    | 95       |
| 61) 4-Nitroaniline             | 10.47 | 138  | 14079    | 1.757 | ng    | 97       |
| 62) Azobenzene                 | 10.60 | 77   | 68124    | 2.322 | ng    | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 10.52 | 198  | 3177     | 5.654 | ng    | 88       |
| 65) n-Nitrosodiphenylamine     | 10.56 | 169  | 51795    | 2.252 | ng    | 96       |
| 66) 4-Bromophenyl-phenylether  | 10.94 | 248  | 14857    | 2.159 | ng    | 93       |
| 67) Hexachlorobenzene          | 11.00 | 284  | 16111    | 2.157 | ng #  | 85       |
| 68) Atrazine                   | 11.09 | 200  | 13811    | 1.998 | ng    | 99       |
| 69) Pentachlorophenol          | 11.22 | 266  | 4393     | 1.216 | ng    | 91       |
| 70) Phenanthrene               | 11.42 | 178  | 87965    | 2.419 | ng    | 95       |
| 71) Anthracene                 | 11.47 | 178  | 85982    | 2.306 | ng    | 99       |
| 72) Carbazole                  | 11.63 | 167  | 82862    | 2.232 | ng    | 98       |
| 73) Di-n-butylphthalate        | 11.95 | 149  | 104579   | 2.251 | ng    | 97       |
| 74) Fluoranthene               | 12.62 | 202  | 83419    | 2.283 | ng    | 98       |
| 76) Benzidine                  | 12.73 | 184  | 18487    | 1.018 | ng #  | 91       |
| 77) Pyrene                     | 12.84 | 202  | 87282    | 2.305 | ng    | 99       |
| 79) Butylbenzylphthalate       | 13.45 | 149  | 39194    | 1.959 | ng    | 93       |
| 80) Benzo(a)anthracene         | 14.03 | 228  | 65146    | 2.067 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 22580    | 2.008 | ng    | 98       |
| 82) Chrysene                   | 14.07 | 228  | 68109    | 2.226 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 14.00 | 149  | 57444    | 2.128 | ng #  | 100      |
| 84) Di-n-octyl phthalate       | 14.63 | 149  | 89389    | 2.049 | ng    | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.04 | 276  | 54853    | 2.264 | ng    | 96       |
| 87) Benzo(b)fluoranthene       | 15.10 | 252  | 59845    | 1.937 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.13 | 252  | 64491    | 2.217 | ng    | 98       |
| 89) Benzo(a)pyrene             | 15.47 | 252  | 55494    | 2.012 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 17.06 | 278  | 44591    | 2.092 | ng #  | 91       |
| 91) Benzo(g,h,i)perylene       | 17.50 | 276  | 46637    | 2.239 | ng #  | 92       |

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



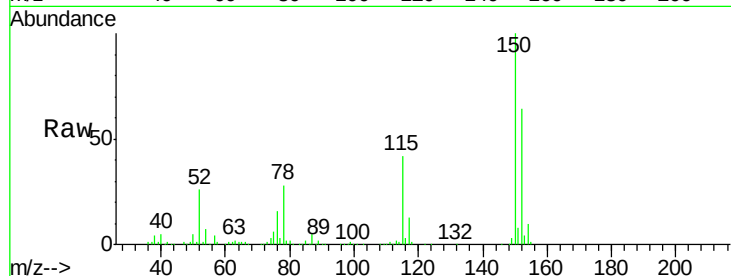


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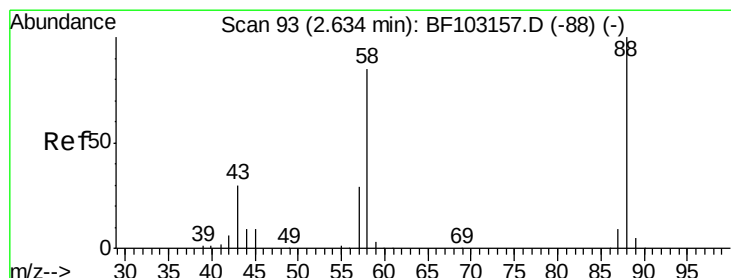
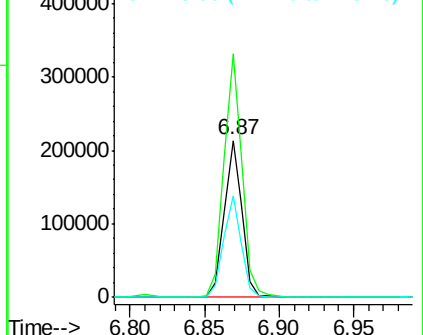
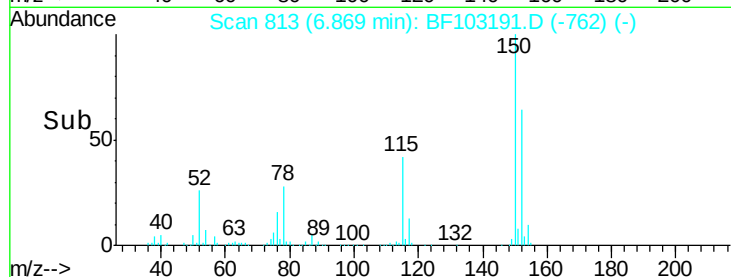
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.87 min Scan# 813  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 181542  
Ion Ratio Lower Upper  
152 100  
150 155.5 124.6 186.8  
115 65.0 50.1 75.1



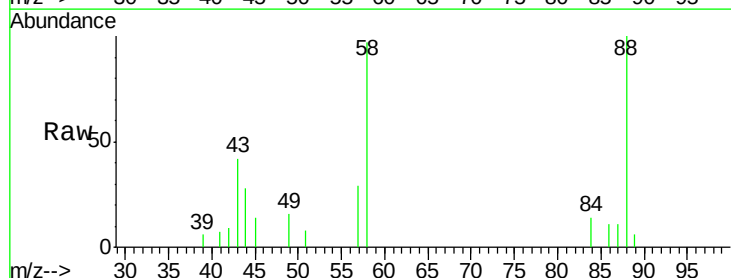
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



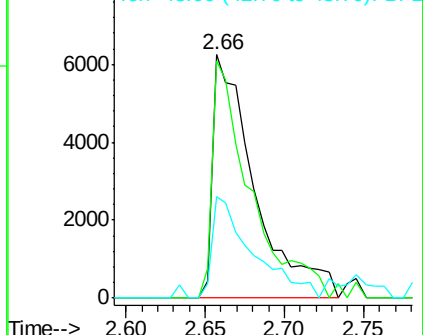
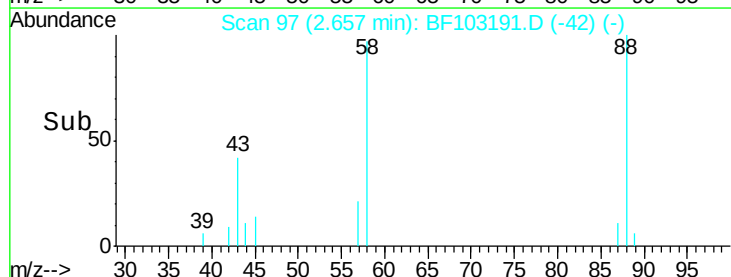
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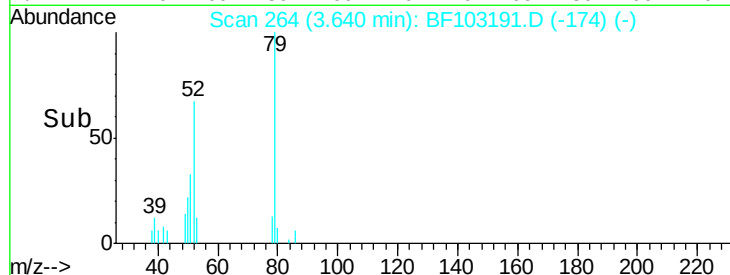
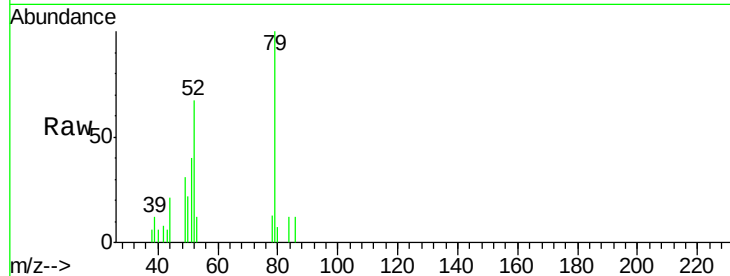
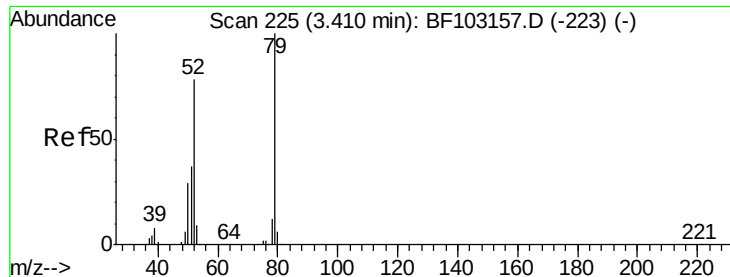
1,4-Dioxane  
Concen: 1.816 ng  
RT: 2.66 min Scan# 97  
Delta R.T. 0.02 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion: 88 Resp: 11511  
Ion Ratio Lower Upper  
88 100  
58 91.0 62.6 93.8  
43 40.3 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1  
Ion 58.00 (57.70 to 58.70): BF1  
Ion 43.00 (42.70 to 43.70): BF1

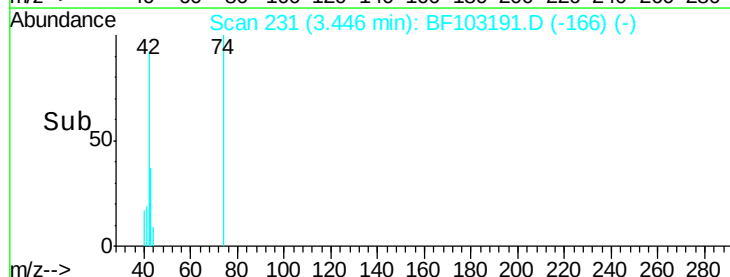
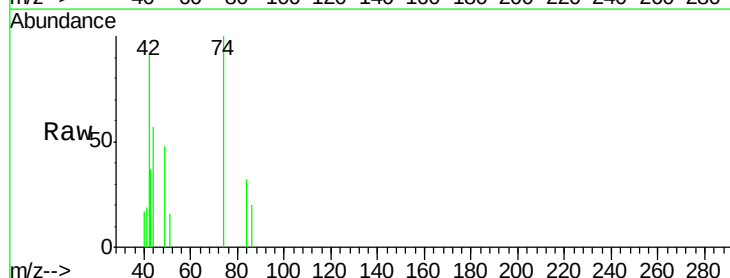
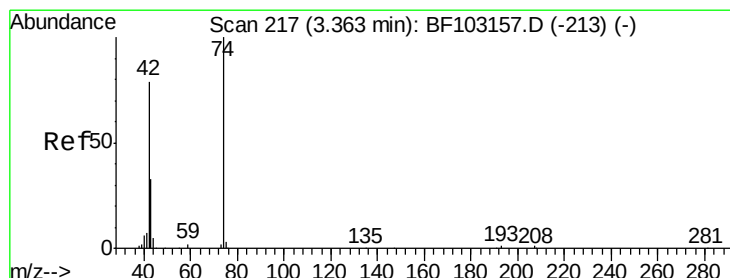
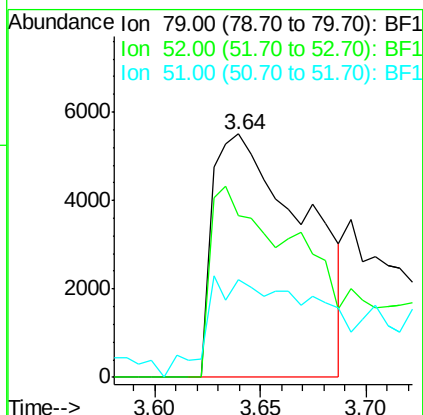




#3  
 Pvridine  
 Concen: 0.976 ng  
 RT: 3.64 min Scan# 264  
 Delta R.T. 0.23 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

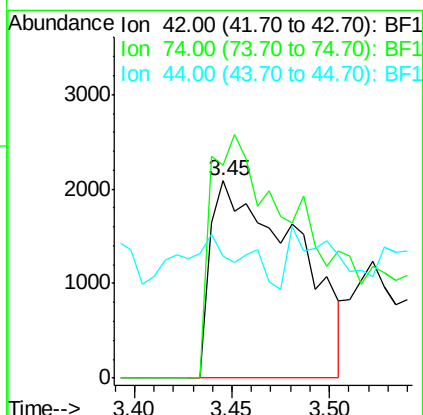
Instrument :  
 BNA\_F  
 ClientSampled :

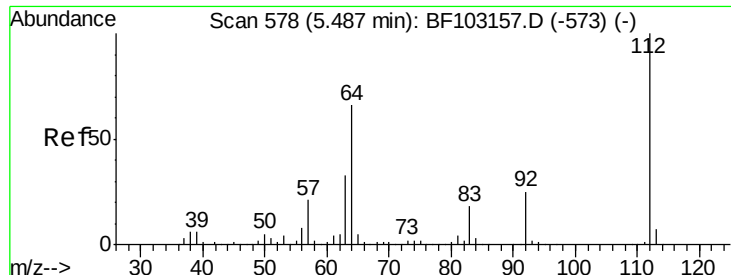
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 79      | 100   |       |       |
| 52      | 66.6  | 59.8  | 89.6  |
| 51      | 40.3  | 29.8  | 44.8  |



#4  
 n-Nitrosodimethylamine  
 Concen: 0.930 ng  
 RT: 3.45 min Scan# 231  
 Delta R.T. 0.08 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 74      | 108.3 | 104.9 | 157.3 |
| 44      | 62.2  | 6.9   | 10.3# |





#5

2-Fluorophenol

Concen: 110.476 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

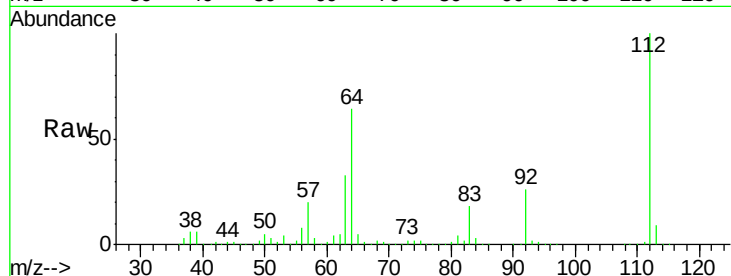
Tot Ion:112 Resp: 1326082

Ion Ratio Lower Upper

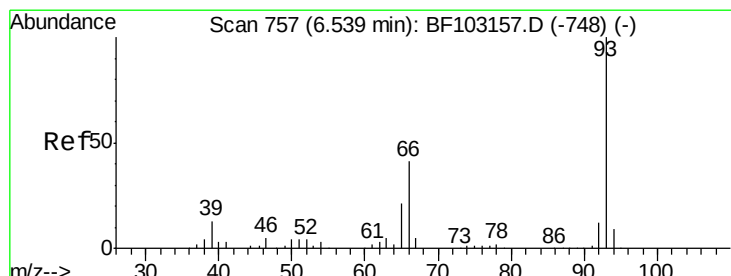
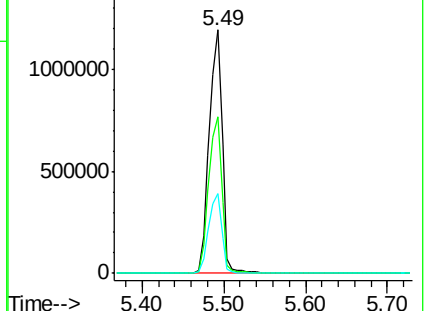
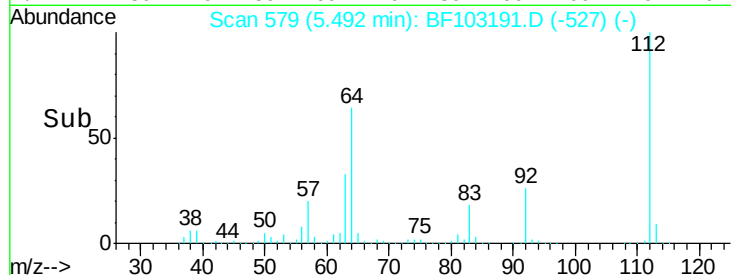
112 100

64 64.1 47.9 71.9

63 32.9 23.7 35.5



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



#6

Aniline

Concen: 2.120 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

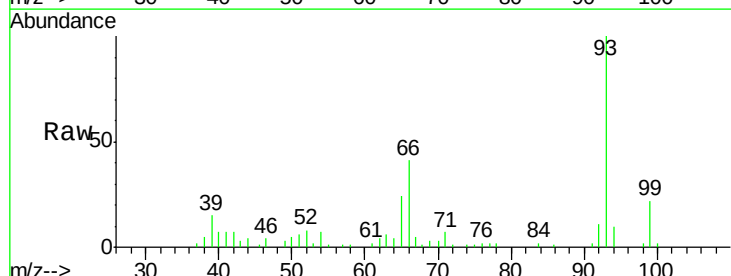
Tgt Ion: 93 Resp: 44939

Ion Ratio Lower Upper

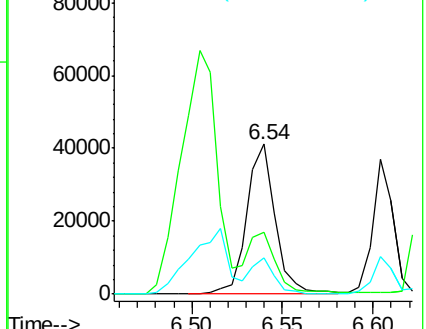
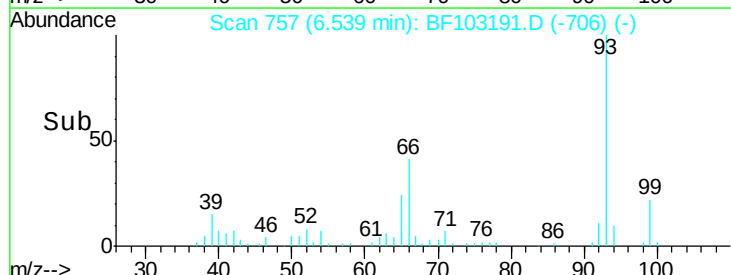
93 100

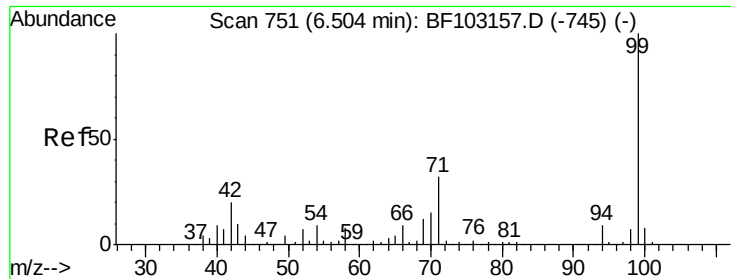
66 41.4 32.2 48.2

65 23.9 16.4 24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1  
Ion 66.00 (65.70 to 66.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 110.507 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

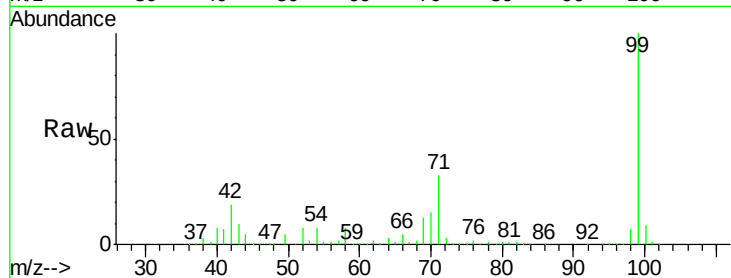
Tot Ion: 99 Resp: 1623111

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 19.1  | 14.5  | 21.7  |
| 71  | 33.1  | 25.4  | 38.0  |

99 100

42 19.1 14.5 21.7

71 33.1 25.4 38.0



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

1500000

1000000

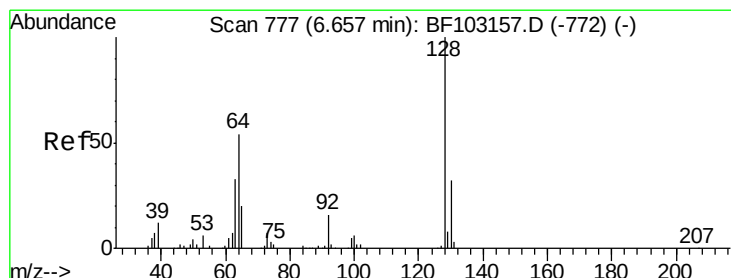
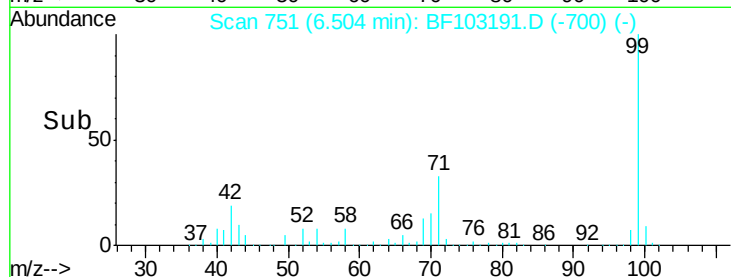
500000

0

6.50

6.40 6.50 6.60

Time-->



#8

2-Chlorophenol

Concen: 2.182 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

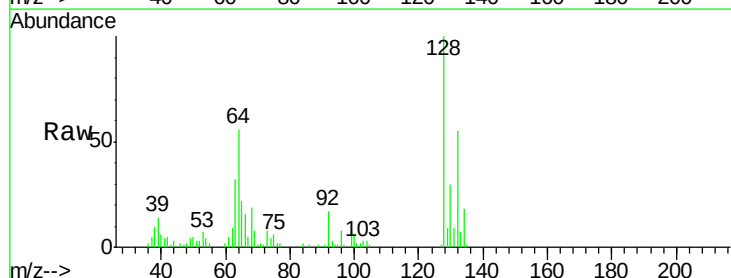
Tgt Ion:128 Resp: 27210

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 30.4  | 13.0  | 53.0  |
| 64  | 55.6  | 29.4  | 69.4  |

128 100

130 30.4 13.0 53.0

64 55.6 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

60000

40000

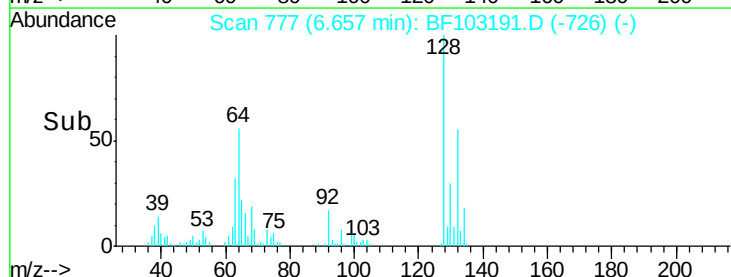
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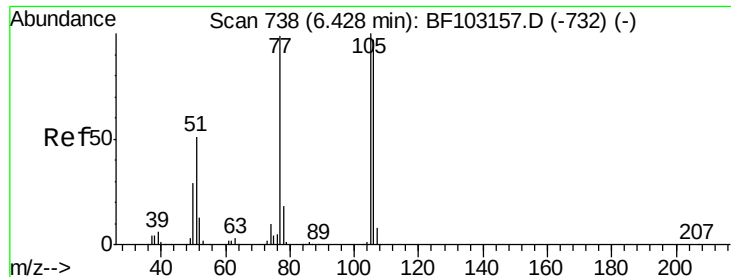
0

6.66

6.60 6.65 6.70

Time-->





#9

Benzaldehyde

Concen: 0.854 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

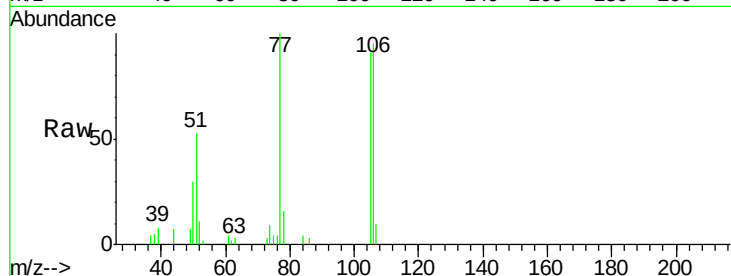
Tot Ion: 77 Resp: 15470

Ion Ratio Lower Upper

77 100

105 91.2 81.1 121.1

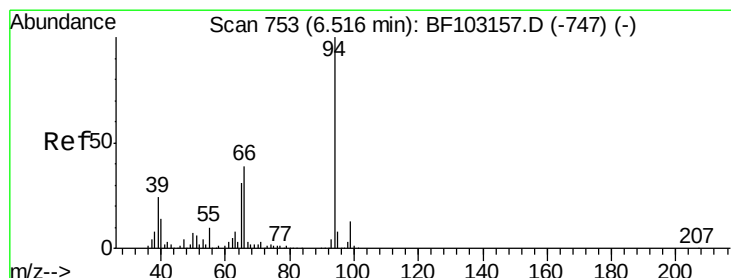
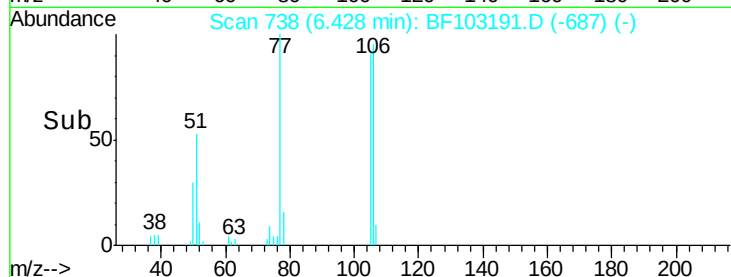
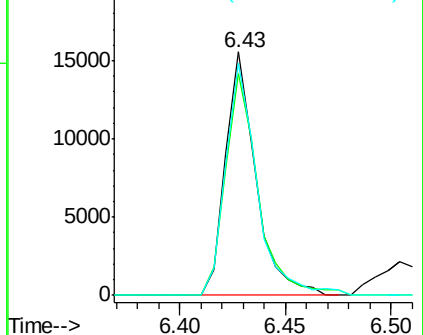
106 95.2 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 2.205 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

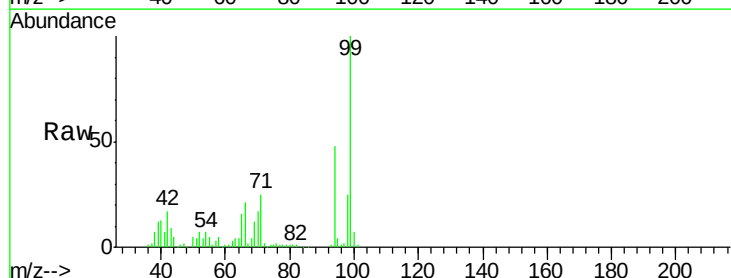
Tgt Ion: 94 Resp: 37606

Ion Ratio Lower Upper

94 100

65 32.3 7.9 47.9

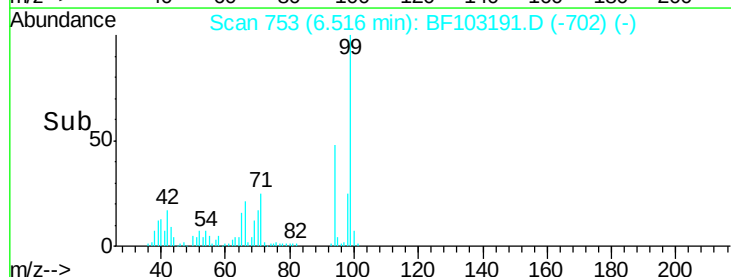
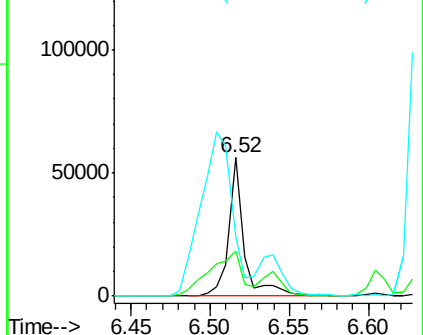
66 42.6 16.2 56.2



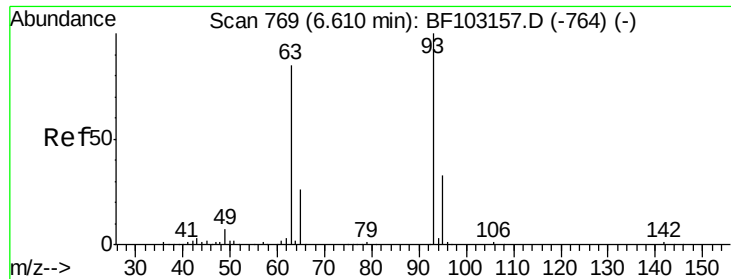
Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1







#11

bis(2-Chloroethyl)ether

Concen: 2.272 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

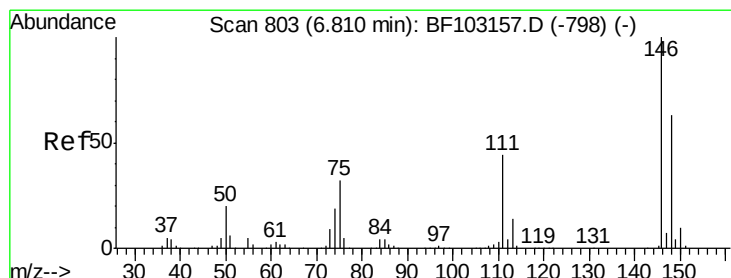
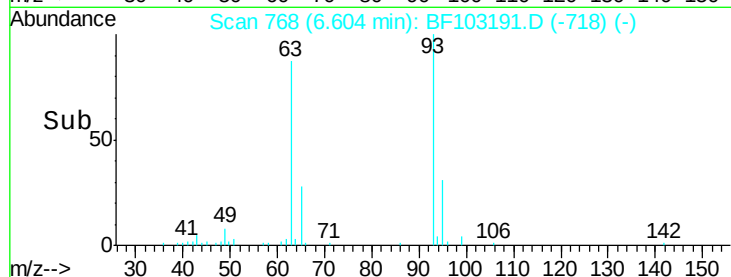
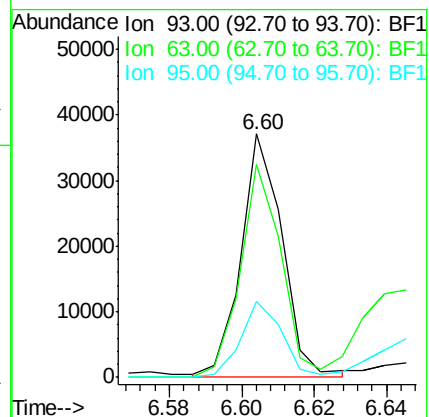
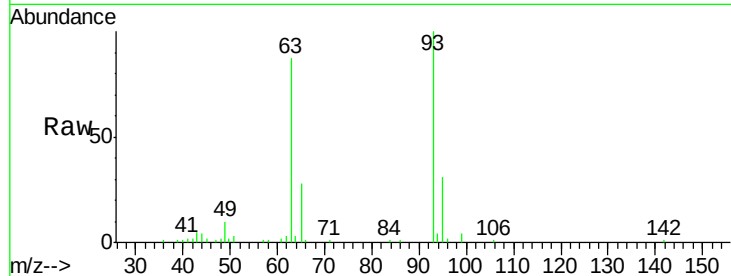
Tot Ion: 93 Resp: 29409

Ion Ratio Lower Upper

93 100

63 87.2 58.6 98.6

95 31.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.226 ng

RT: 6.81 min Scan# 803

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

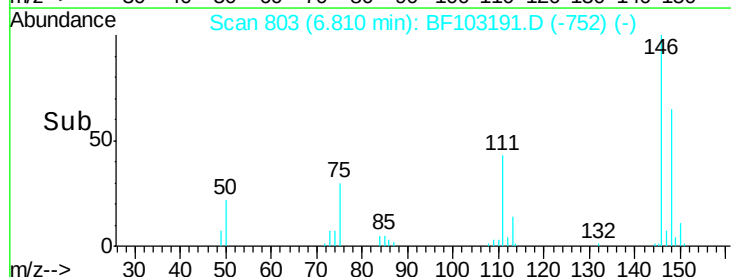
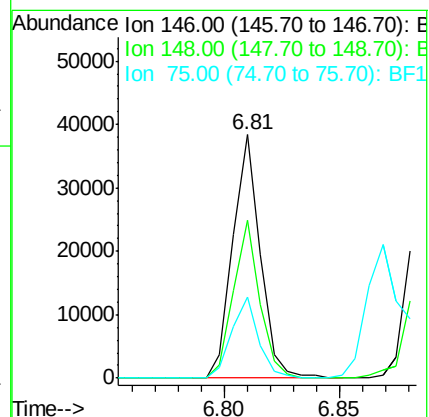
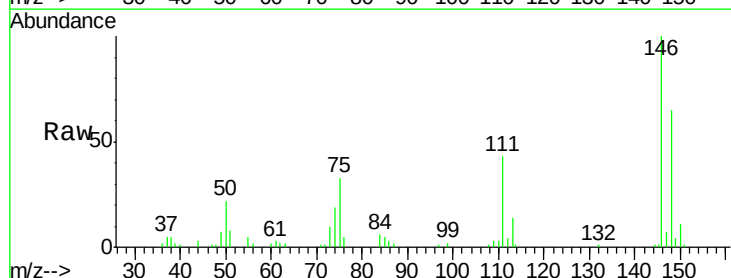
Tgt Ion: 146 Resp: 31721

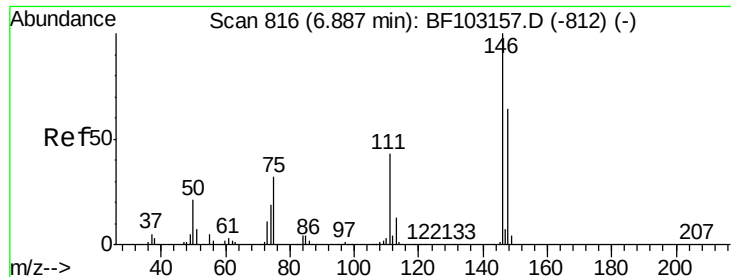
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.8

75 33.2 24.2 36.4

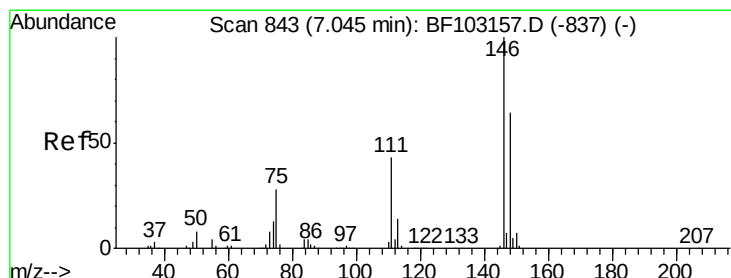
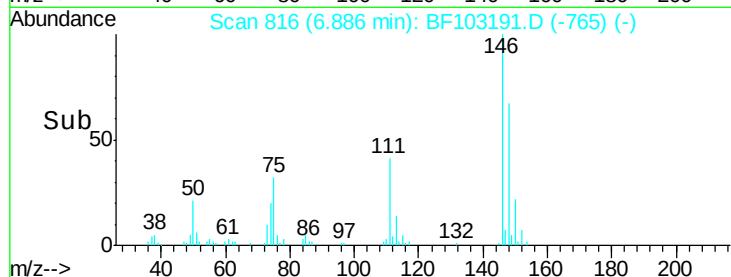
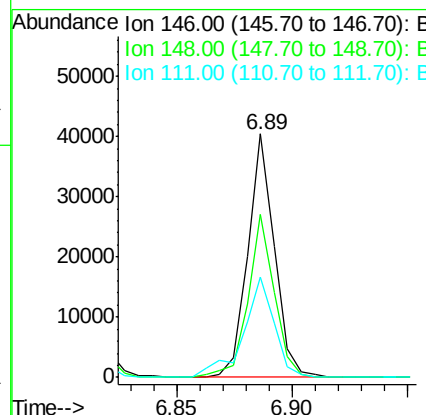
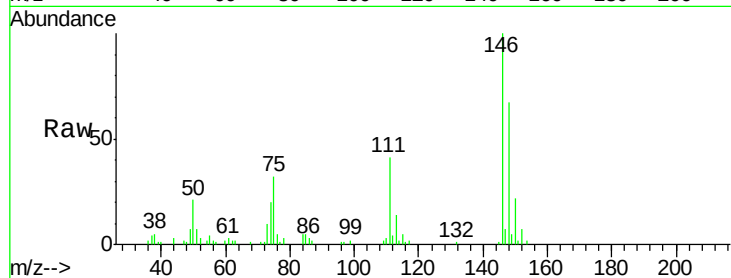




#13  
1,4-Dichlorobenzene  
Concen: 2.272 ng  
RT: 6.89 min Scan# 816  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

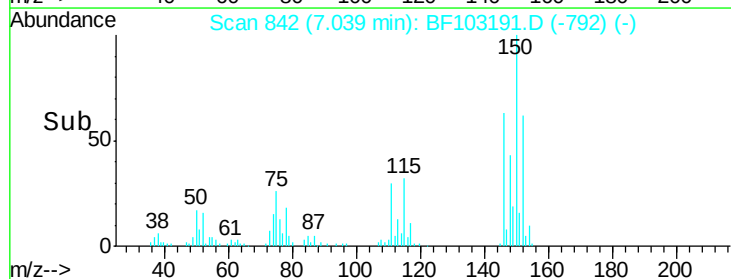
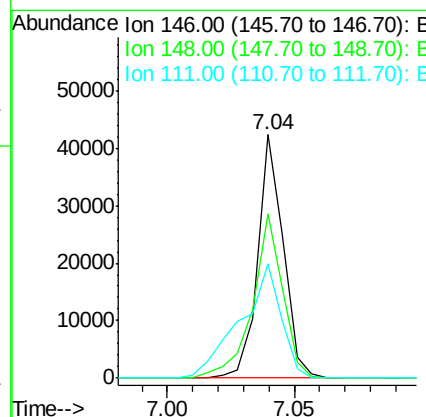
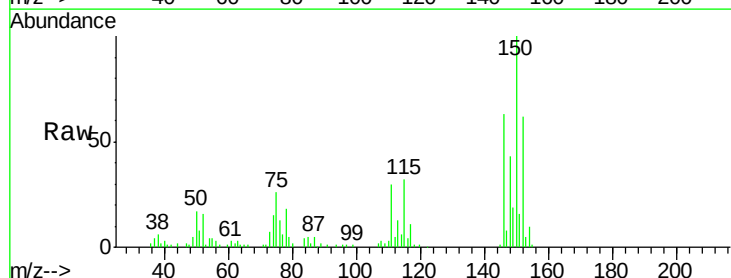
Instrument :  
BNA\_F  
ClientSampleId :

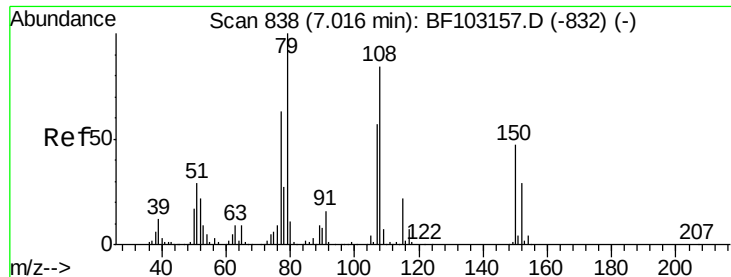
Tot Ion:146 Resp: 32465  
Ion Ratio Lower Upper  
146 100  
148 67.0 50.8 76.2  
111 41.3 34.2 51.2



#14  
1,2-Dichlorobenzene  
Concen: 2.250 ng  
RT: 7.04 min Scan# 842  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:146 Resp: 29634  
Ion Ratio Lower Upper  
146 100  
148 67.2 50.6 75.8  
111 47.1 36.0 54.0





#15

Benzyl Alcohol

Concen: 3.727 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

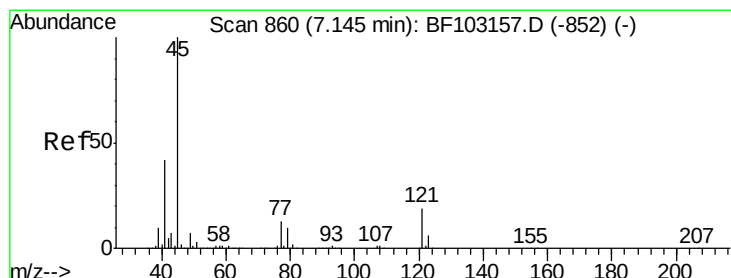
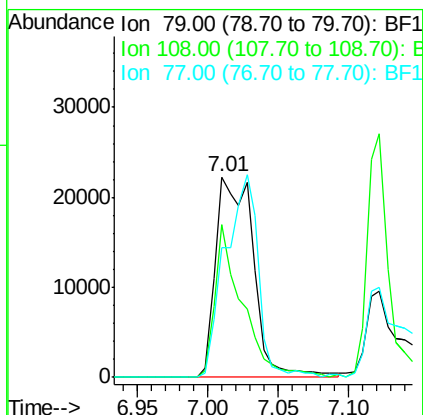
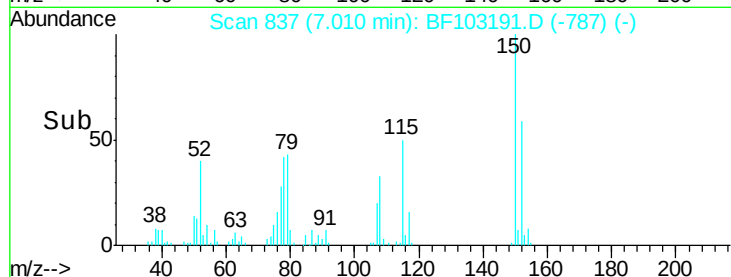
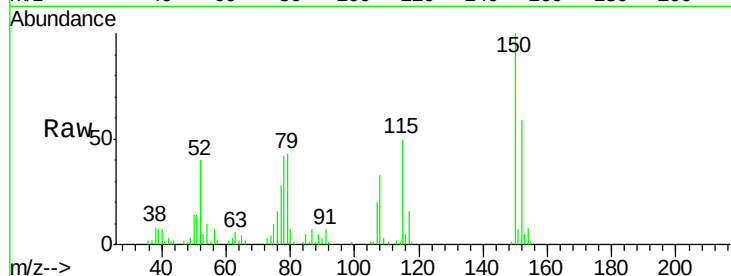
Tot Ion: 79 Resp: 41248

Ion Ratio Lower Upper

79 100

108 76.3 65.1 97.7

77 64.6 50.6 75.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.211 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

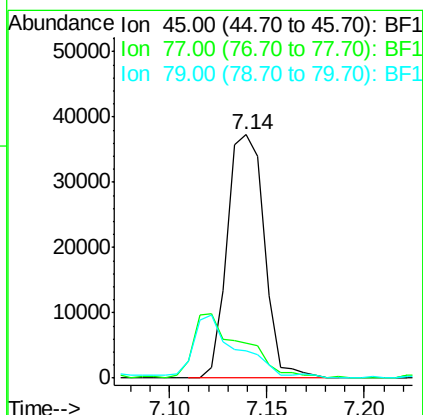
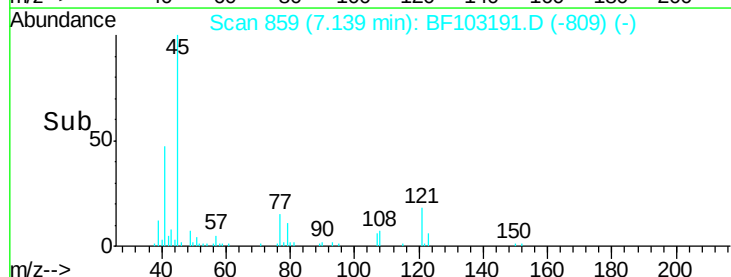
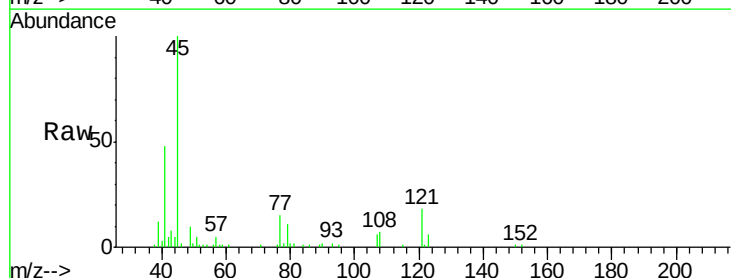
Tgt Ion: 45 Resp: 49144

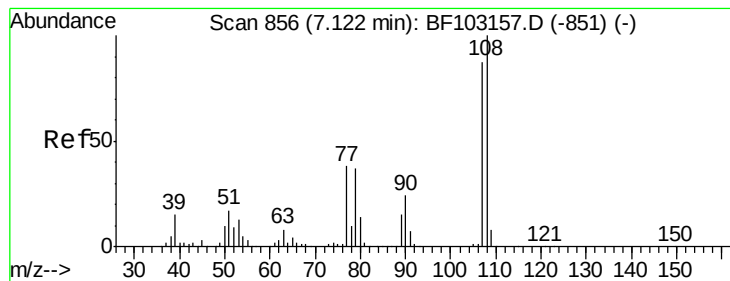
Ion Ratio Lower Upper

45 100

77 14.6 0.0 32.9

79 11.3 0.0 29.6

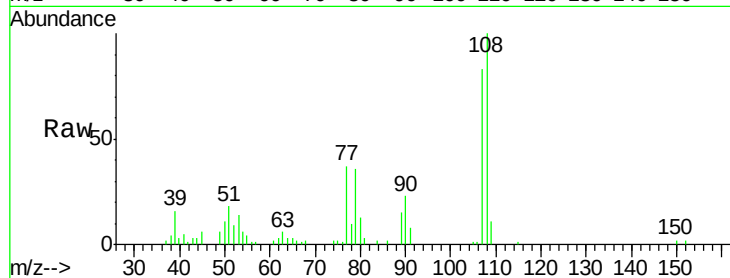




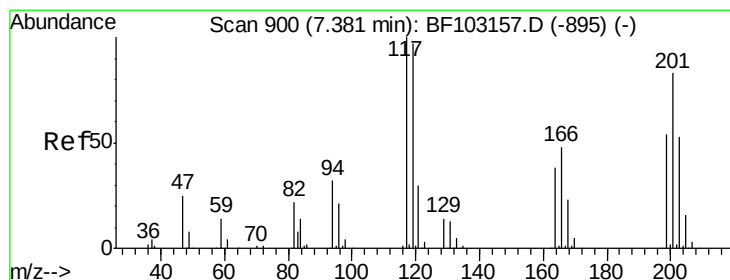
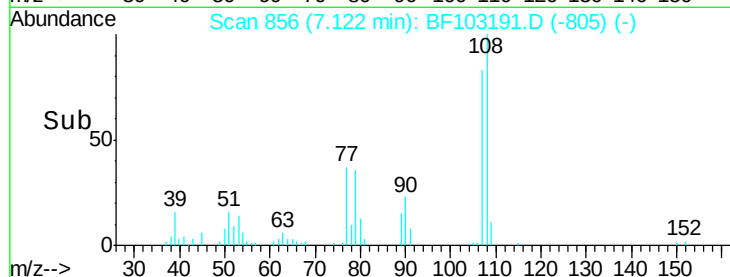
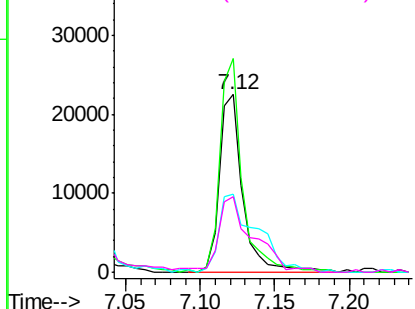
#17  
2-Methylphenol  
Concen: 2.203 ng  
RT: 7.12 min Scan# 856  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 24961  
Ion Ratio Lower Upper  
107 100  
108 120.1 91.7 137.5  
77 44.2 33.8 50.8  
79 42.8 33.8 50.8

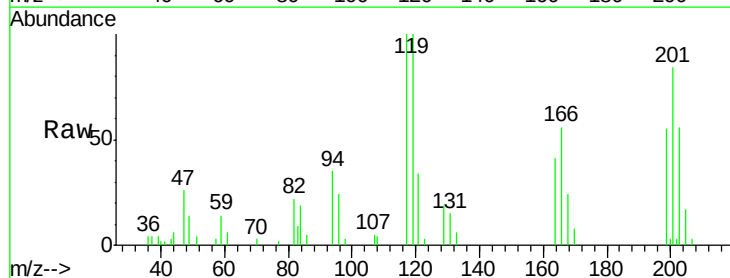


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

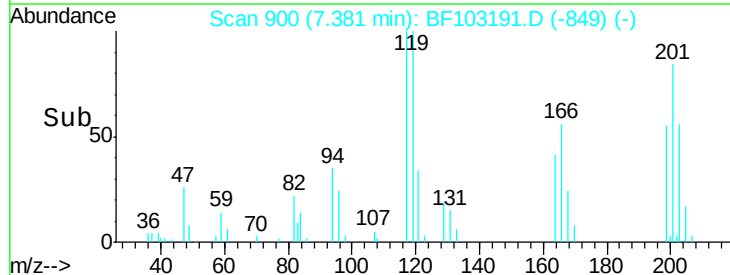
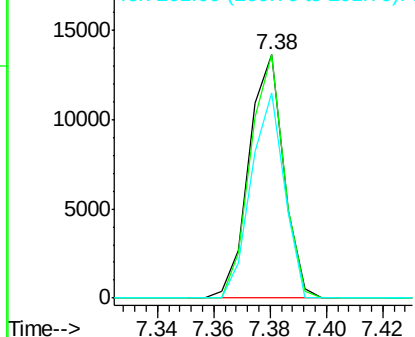


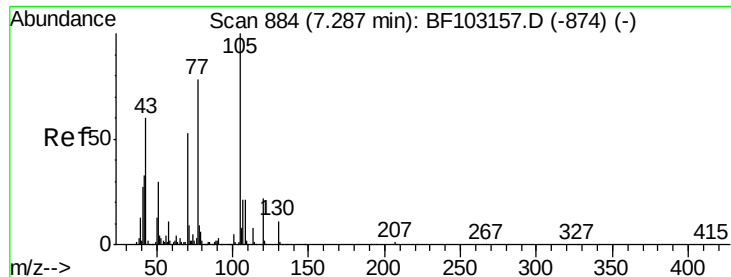
#18  
Hexachloroethane  
Concen: 2.240 ng  
RT: 7.38 min Scan# 900  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:117 Resp: 11648  
Ion Ratio Lower Upper  
117 100  
119 99.9 75.8 113.8  
201 84.4 75.7 113.5



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

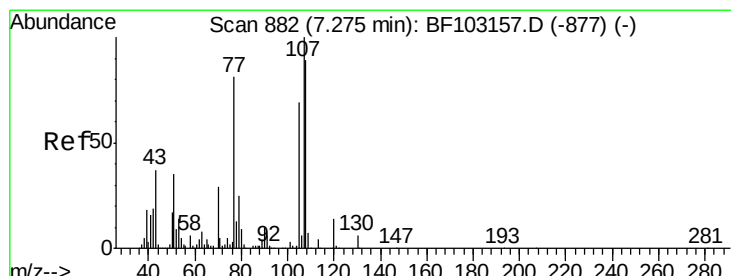
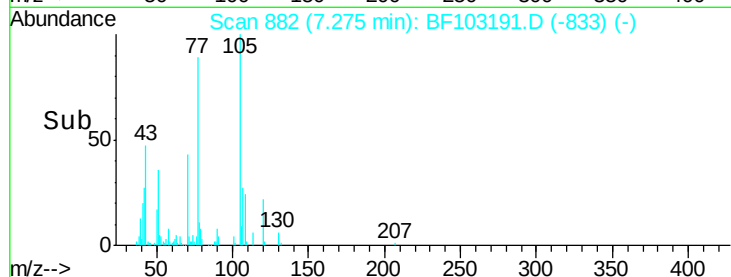
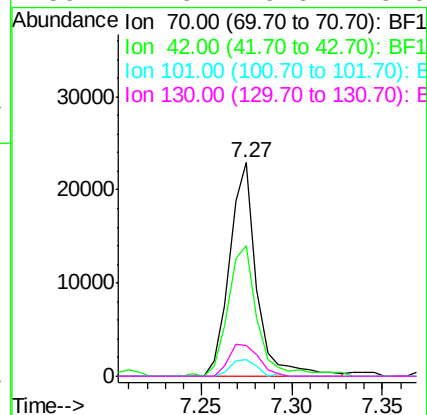
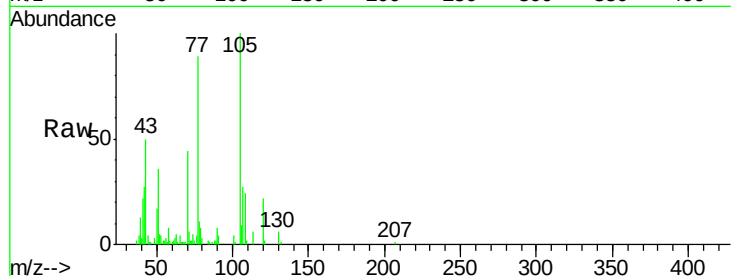




#19  
n-Nitroso-di-n-propylamine  
Concen: 2.614 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

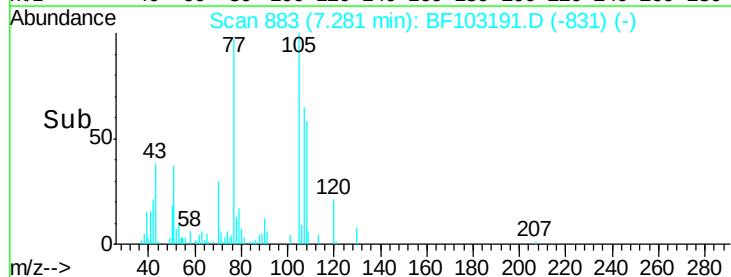
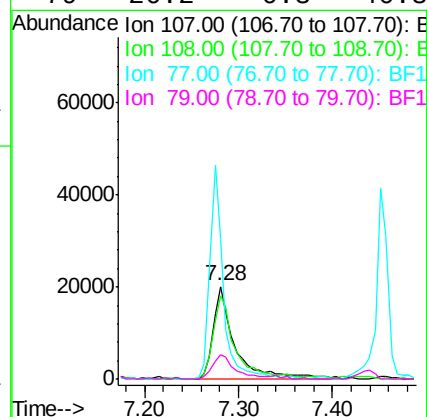
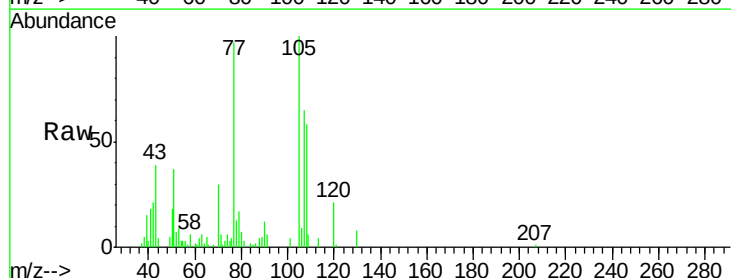
Instrument :  
BNA\_F  
ClientSampleId :

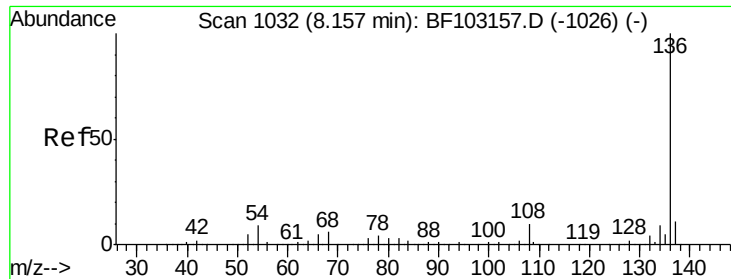
Tot Ion: 70 Resp: 23898  
Ion Ratio Lower Upper  
70 100  
42 61.0 47.5 71.3  
101 8.1 7.4 11.2  
130 14.6 16.6 25.0#



#20  
3+4-Methylphenols  
Concen: 2.374 ng  
RT: 7.28 min Scan# 883  
Delta R.T. 0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:107 Resp: 32792  
Ion Ratio Lower Upper  
107 100  
108 90.5 68.2 108.2  
77 151.0 26.7 66.7#  
79 26.2 6.3 46.3

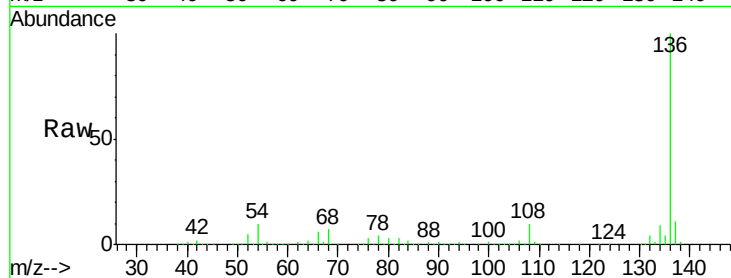




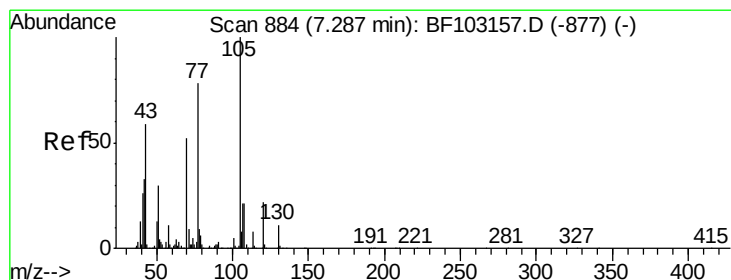
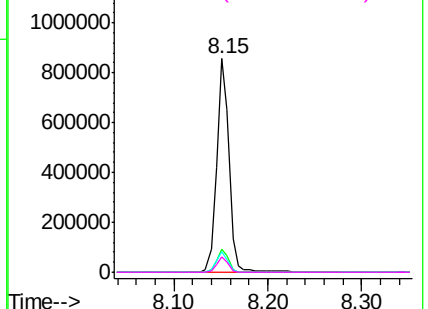
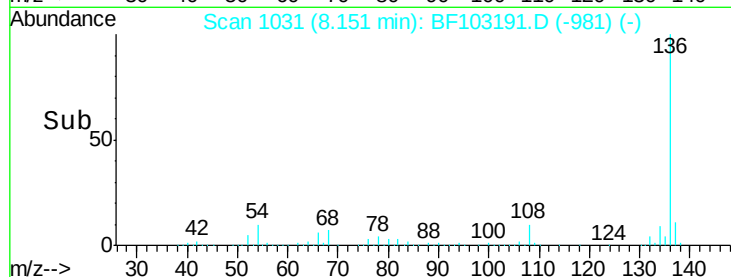
#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 8.15 min Scan# 1031  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 796780   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.1  | 8.9 13.3 |
| 54          | 9.7   | 6.6 9.8  |
| 68          | 6.9   | 5.0 7.4  |

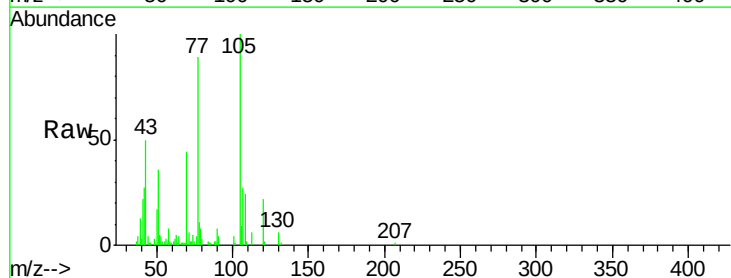


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BF1  
Ion 68.00 (67.70 to 68.70): BF1

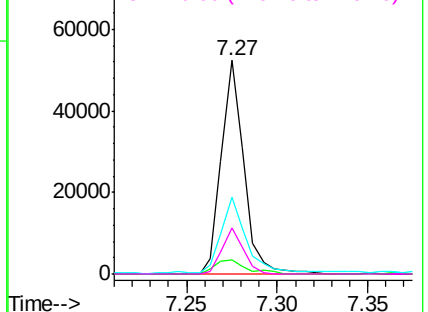
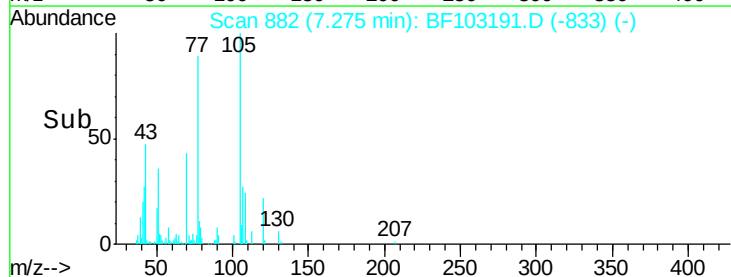


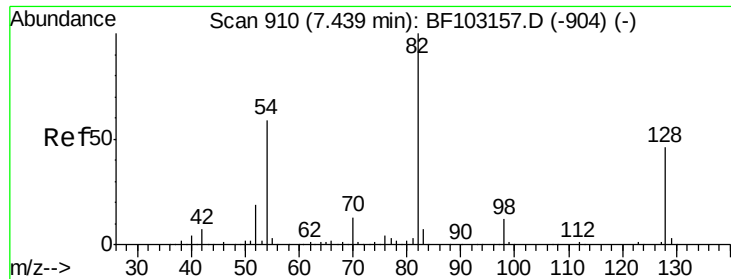
#22  
Acetophenone  
Concen: 2.450 ng  
RT: 7.27 min Scan# 882  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:105 | Resp: | 45574      |
| Ion Ratio   | Lower | Upper      |
| 105         | 100   |            |
| 71          | 6.5   | 4.4 6.6    |
| 51          | 35.7  | 22.3 33.5# |
| 120         | 21.8  | 16.9 25.3  |



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



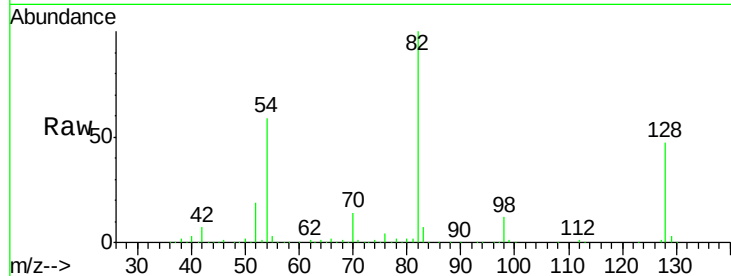


#23  
 Nitrobenzene-d5  
 Concen: 87.868 ng  
 RT: 7.44 min Scan# 910  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

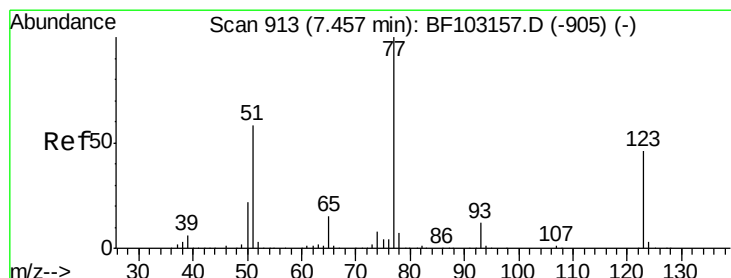
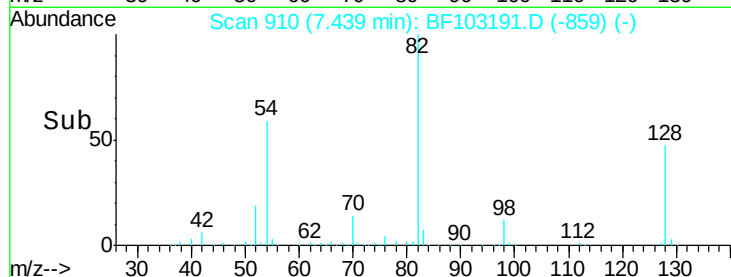
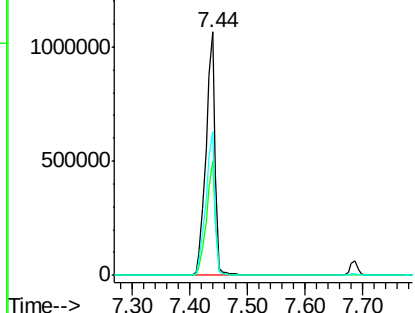
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion: 82 Resp: 1225935  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 128 | 46.7  | 36.1  | 54.1  |
| 54  | 59.3  | 41.4  | 62.2  |



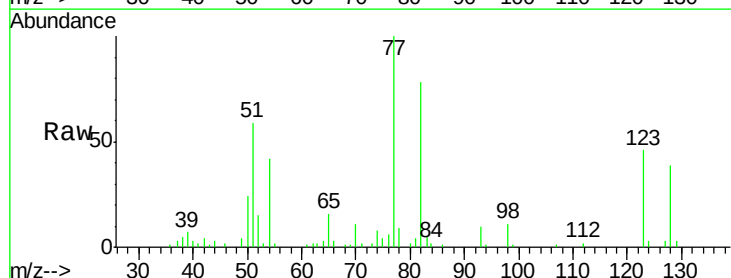
Abundance Ion 82.00 (81.70 to 82.70): BF1  
 Ion 128.00 (127.70 to 128.70): BF1  
 Ion 54.00 (53.70 to 54.70): BF1



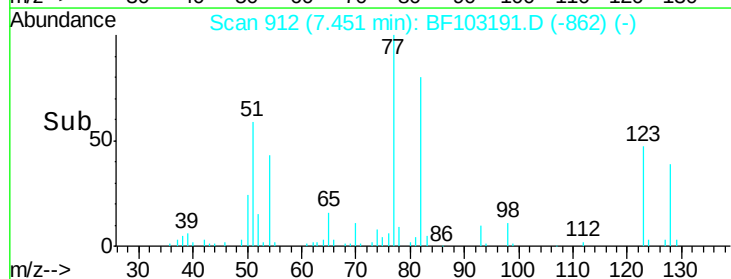
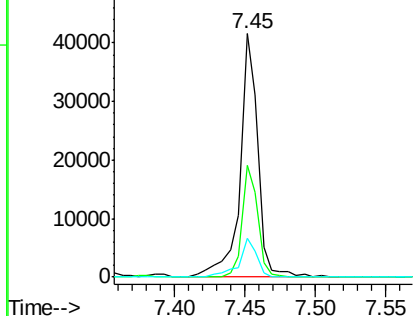
#24  
 Nitrobenzene  
 Concen: 2.370 ng  
 RT: 7.45 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

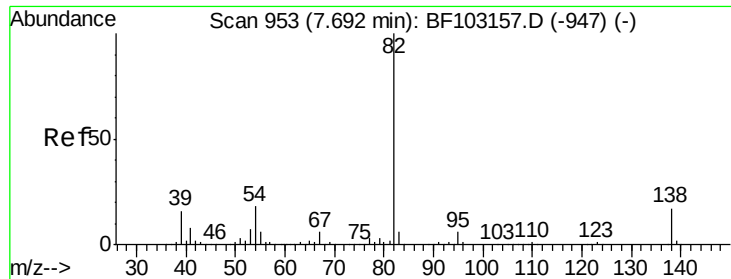
Tgt Ion: 77 Resp: 36406  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.7  | 37.9  | 56.9  |
| 65  | 15.8  | 11.0  | 16.4  |



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: 2.117 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

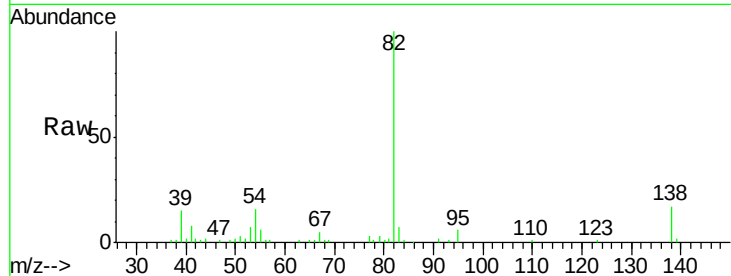
Tot Ion: 82 Resp: 58162

Ion Ratio Lower Upper

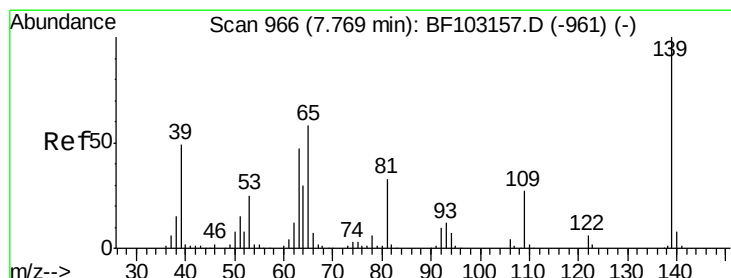
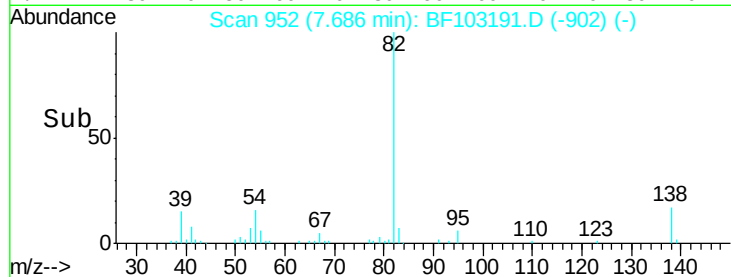
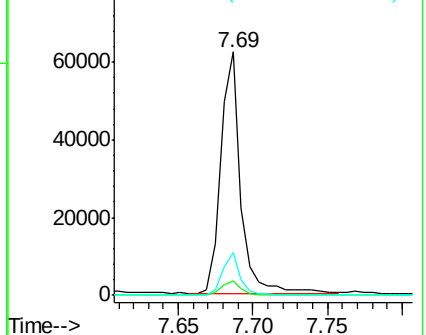
82 100

95 6.0 5.2 7.8

138 17.4 14.9 22.3



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



#26

2-Nitrophenol

Concen: 1.832 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

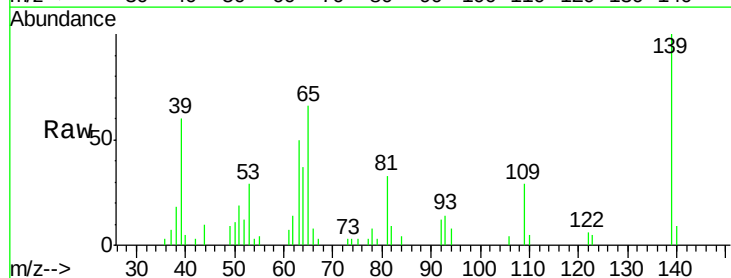
Tgt Ion: 139 Resp: 13245

Ion Ratio Lower Upper

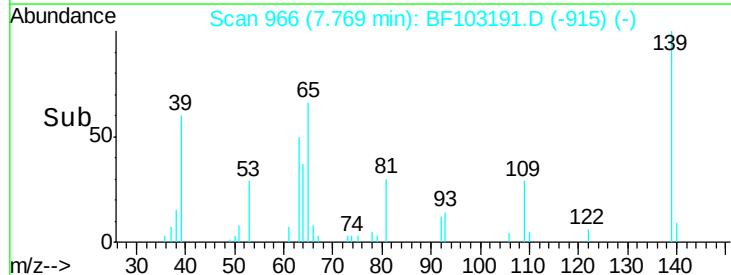
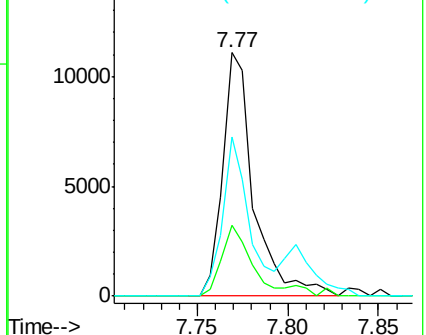
139 100

109 29.2 22.7 34.1

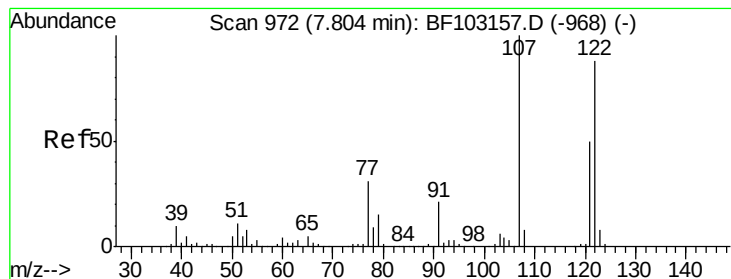
65 65.5 40.5 60.7#



Abundance Ion 139.00 (138.70 to 139.70): BF1  
Ion 109.00 (108.70 to 109.70): BF1  
Ion 65.00 (64.70 to 65.70): BF1







#27

2,4-Dimethylphenol

Concen: 1.952 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

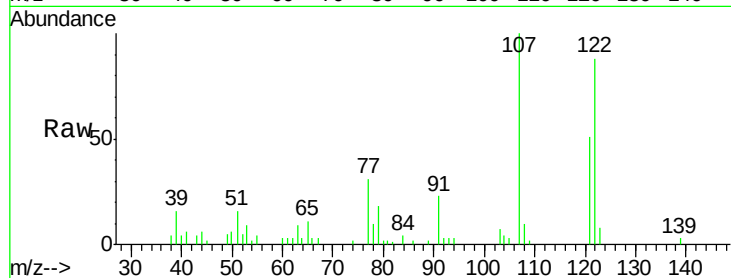
Tot Ion:122 Resp: 21577

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

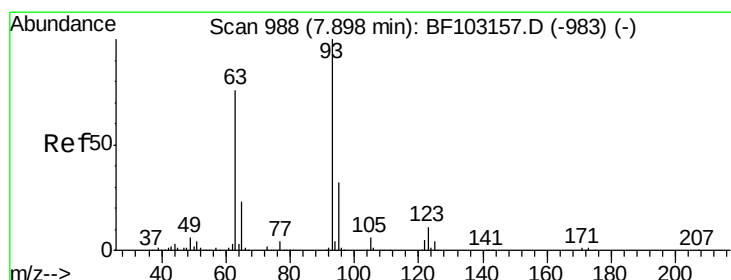
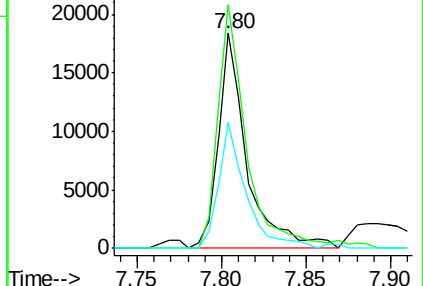
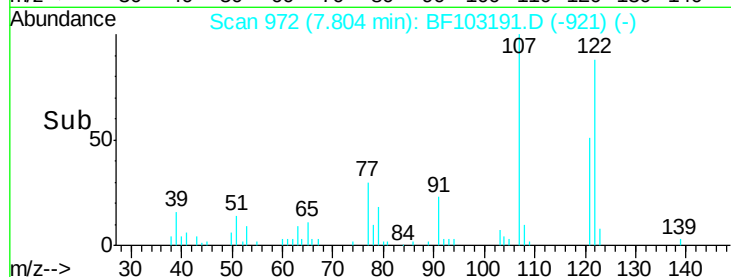
121 58.3 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.225 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

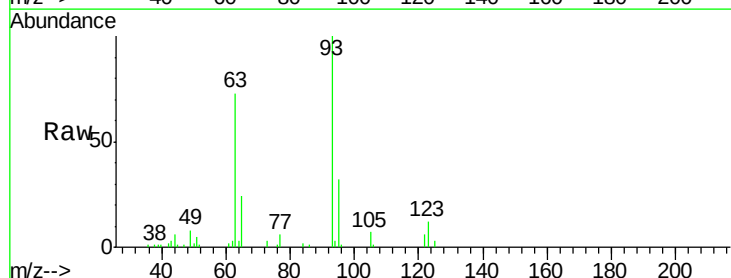
Tgt Ion: 93 Resp: 35953

Ion Ratio Lower Upper

93 100

95 32.1 26.3 39.5

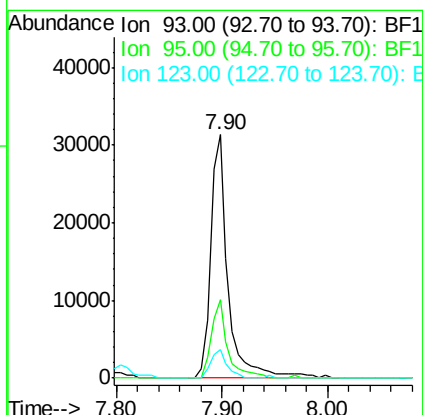
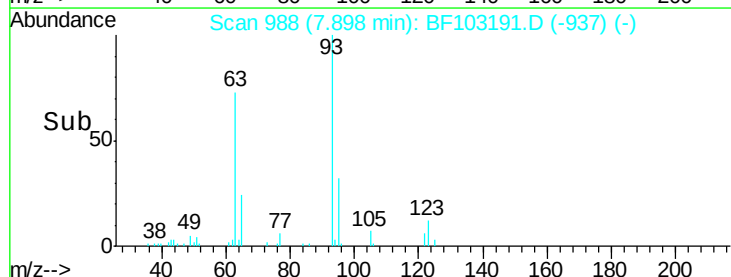
123 11.9 9.8 14.6

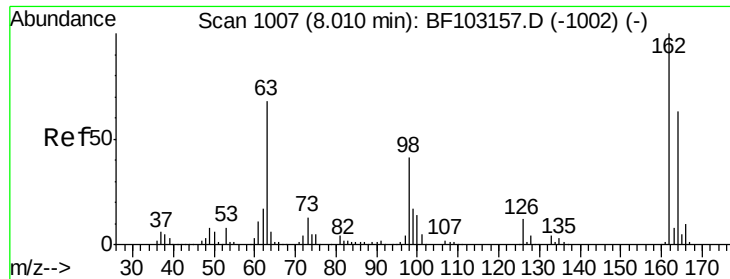


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

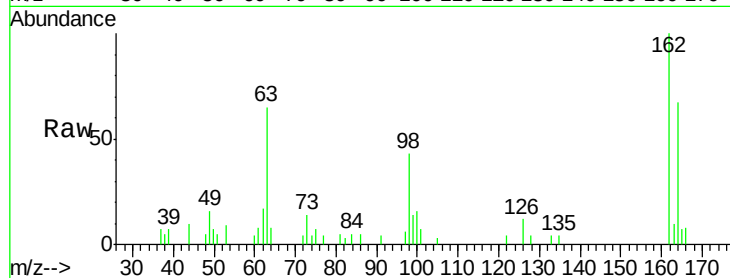




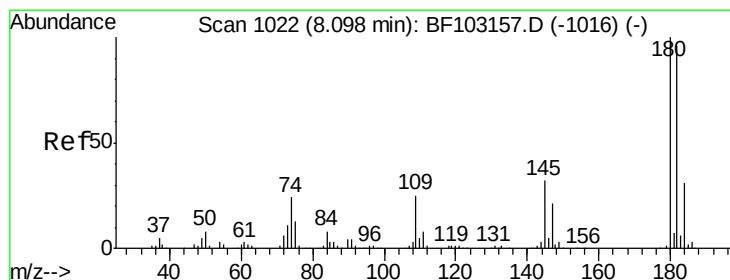
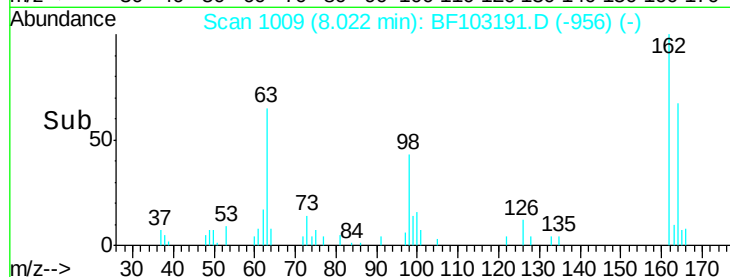
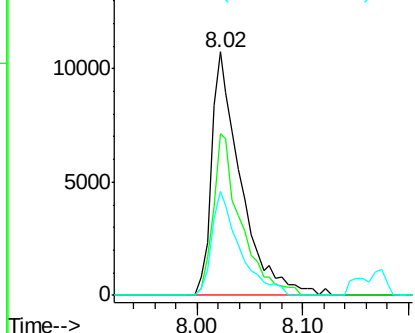
#29  
 2,4-Dichlorophenol  
 Concen: 1.969 ng  
 RT: 8.02 min Scan# 1009  
 Delta R.T. 0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampleID :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.6  | 42.7  | 82.7  |
| 98      | 42.9  | 18.1  | 58.1  |

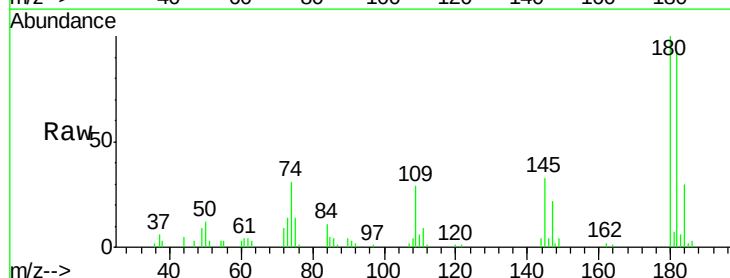


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

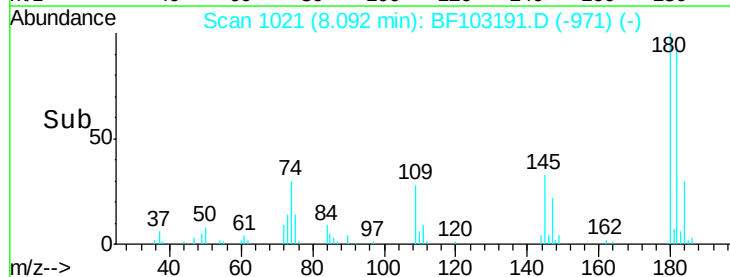
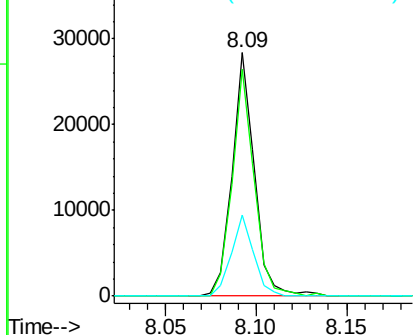


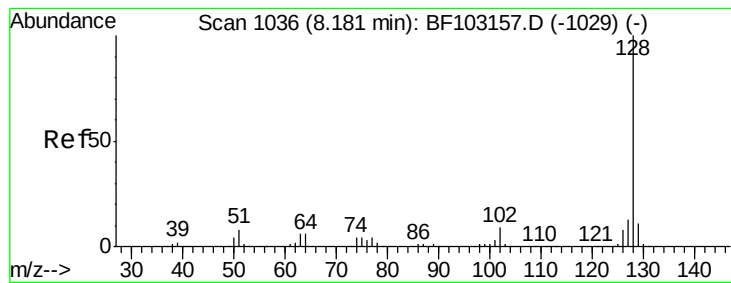
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.165 ng  
 RT: 8.09 min Scan# 1021  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.5  | 76.8  | 115.2 |
| 145     | 33.4  | 26.5  | 39.7  |



Abundance Ion 180.00 (179.70 to 180.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 2.314 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

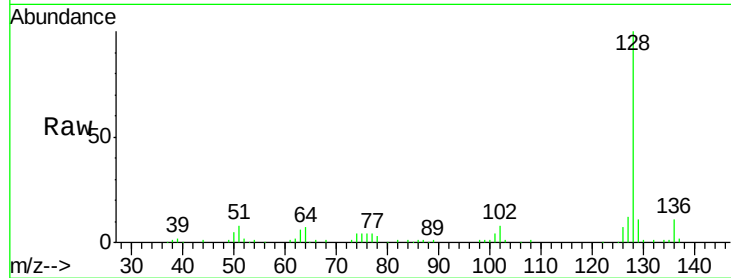
Tot Ion:128 Resp: 90285

Ion Ratio Lower Upper

128 100

129 11.1 8.8 13.2

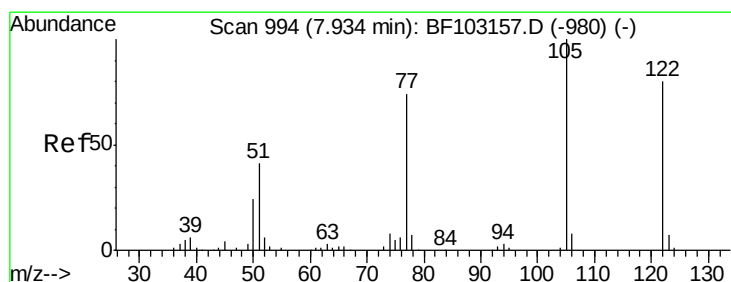
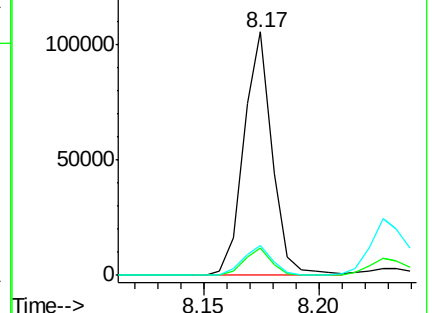
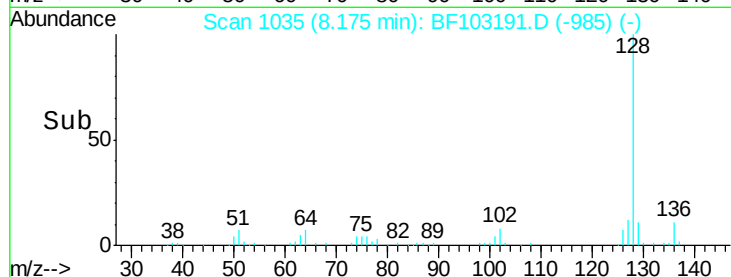
127 12.3 10.9 16.3



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



#32

Benzoic acid

Concen: 7.543 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.05 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

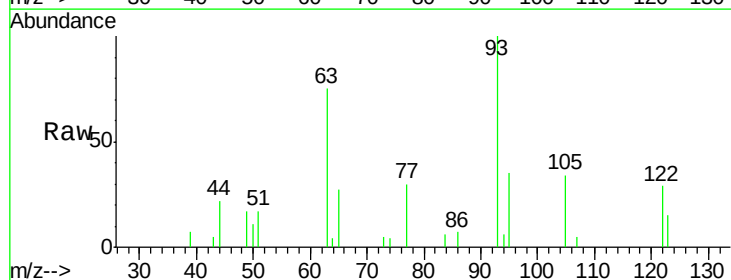
Tgt Ion:122 Resp: 6031

Ion Ratio Lower Upper

122 100

105 117.8 101.1 141.1

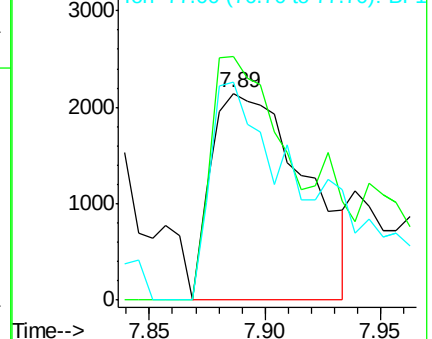
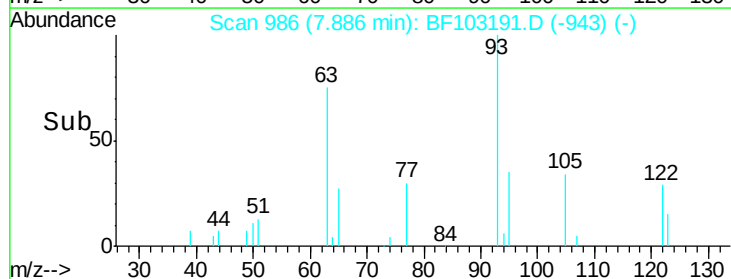
77 105.6 70.7 110.7

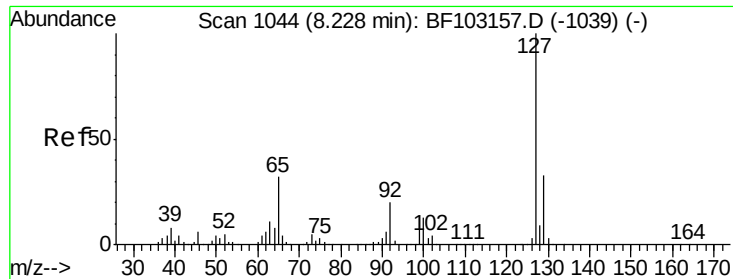


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

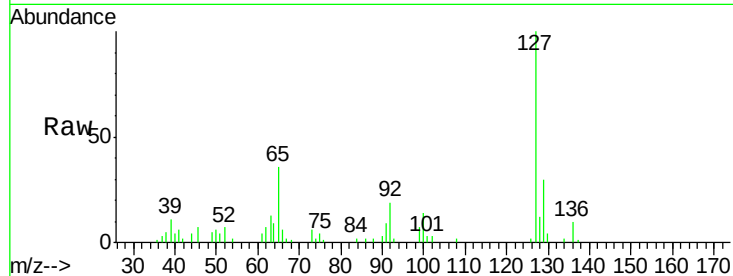




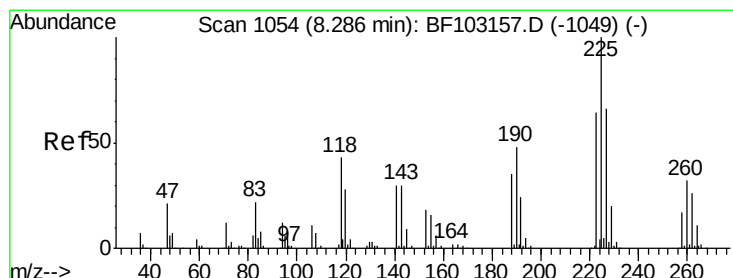
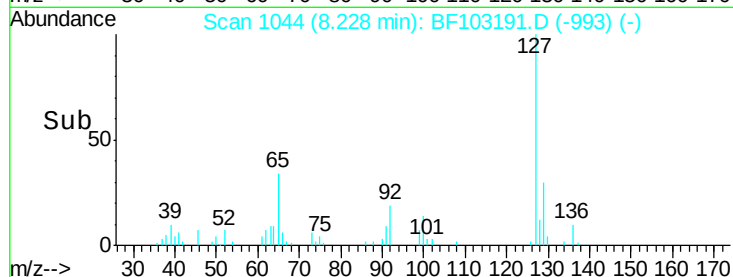
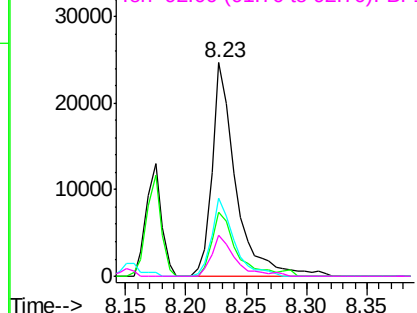
#33  
4-Chloroaniline  
Concen: 1.985 ng  
RT: 8.23 min Scan# 1044  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 33406 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 29.8  | 25.9  | 38.9  |
| 65       | 36.4  | 25.0  | 37.4  |
| 92       | 19.0  | 15.2  | 22.8  |

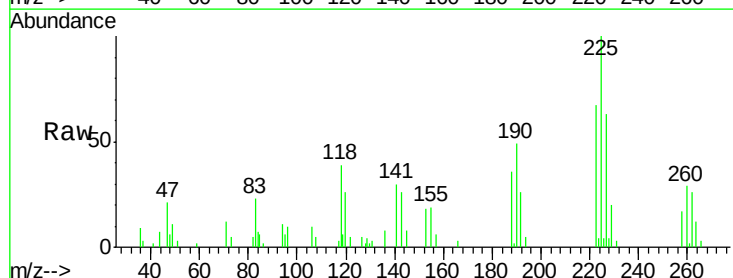


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF1  
Ion 92.00 (91.70 to 92.70): BF1

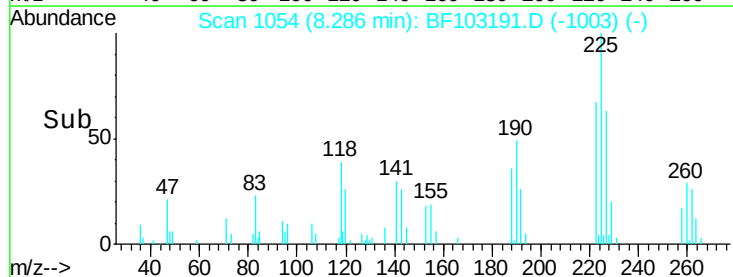
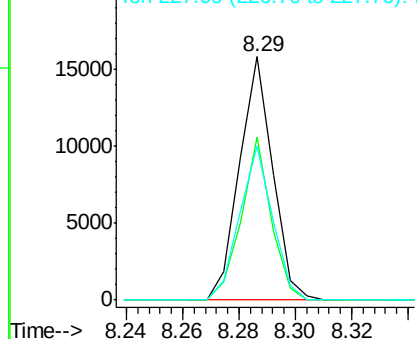


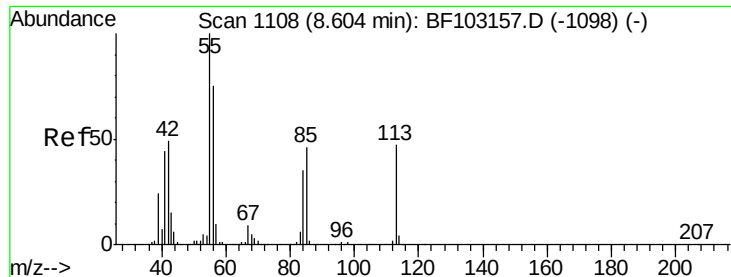
#34  
Hexachlorobutadiene  
Concen: 2.203 ng  
RT: 8.29 min Scan# 1054  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 12926 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 67.1  | 50.6  | 76.0  |
| 227      | 67.3  | 51.9  | 77.9  |



Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 0.090 ng

RT: 8.62 min Scan# 1110

Delta R.T. 0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

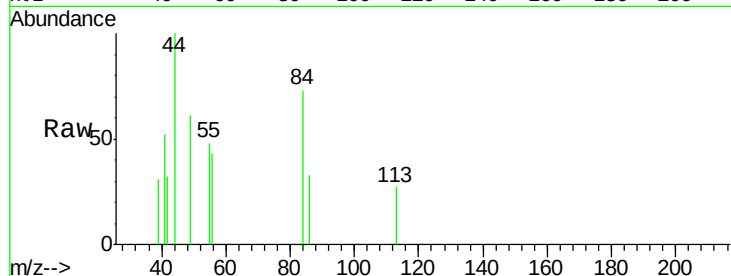
Tot Ion:113 Resp: 334

Ion Ratio Lower Upper

113 100

55 177.2 163.3 203.3

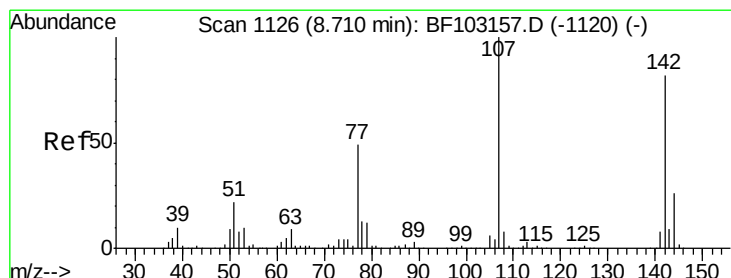
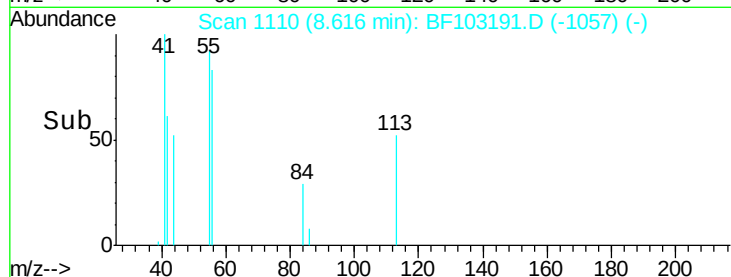
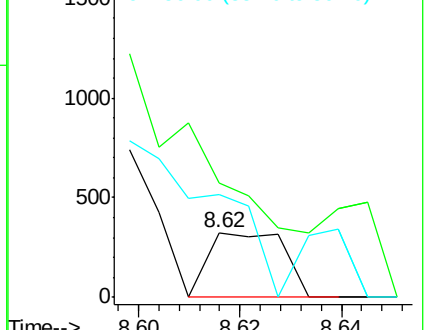
56 159.3 115.7 155.7#



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



#36

4-Chloro-3-methylphenol

Concen: 2.098 ng

RT: 8.70 min Scan# 1125

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

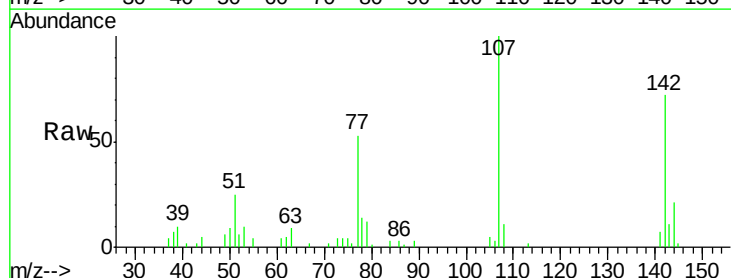
Tgt Ion:107 Resp: 25040

Ion Ratio Lower Upper

107 100

144 21.4 20.5 30.7

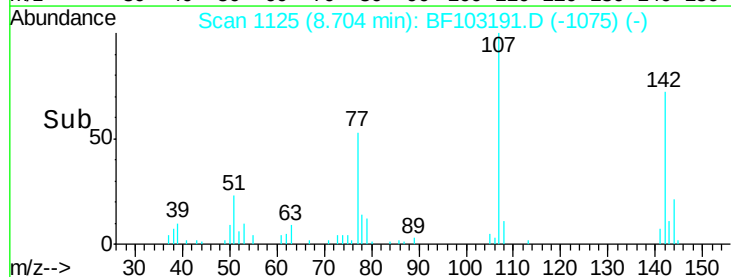
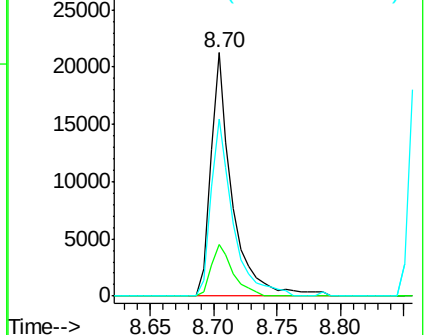
142 72.5 62.0 93.0

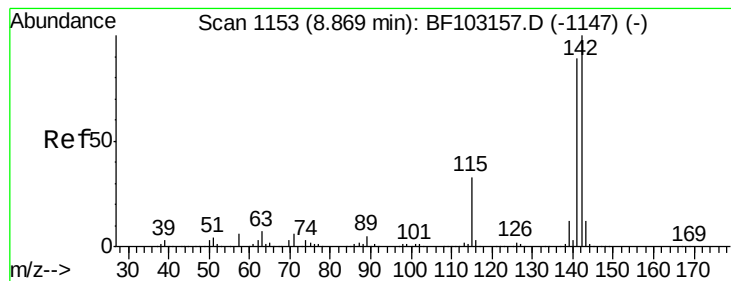


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 2.384 ng

RT: 8.86 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

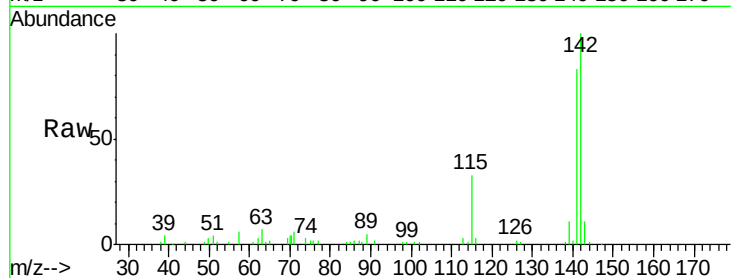
Tot Ion:142 Resp: 60092

Ion Ratio Lower Upper

142 100

141 83.4 70.8 106.2

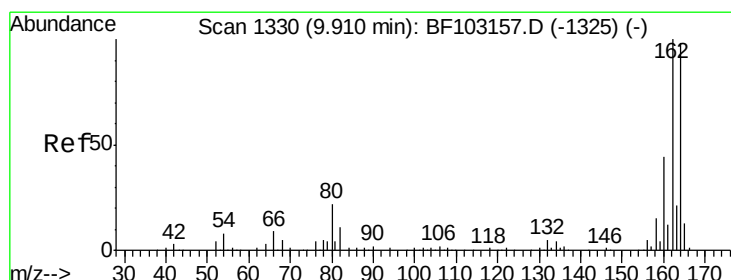
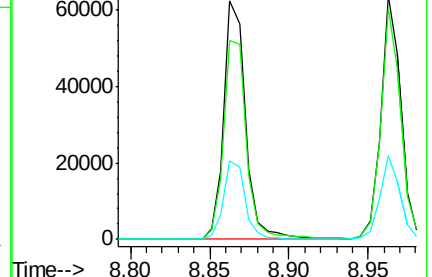
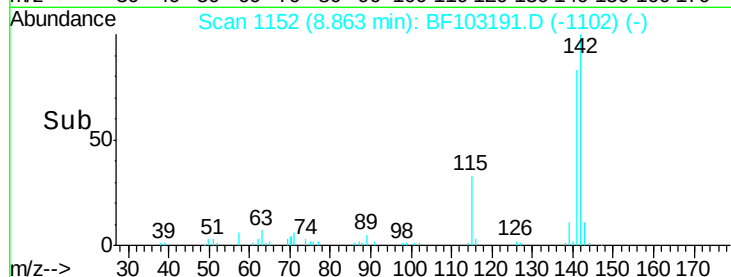
115 32.6 26.1 39.1



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

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

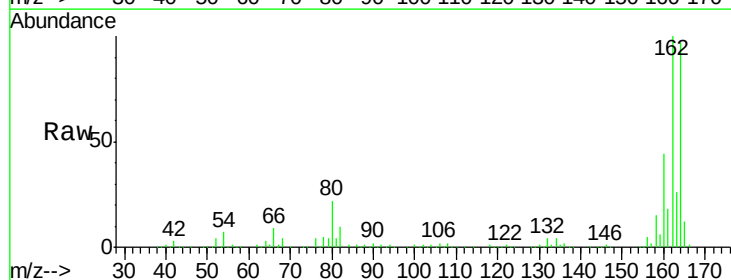
Tgt Ion:164 Resp: 375620

Ion Ratio Lower Upper

164 100

162 103.5 86.1 129.1

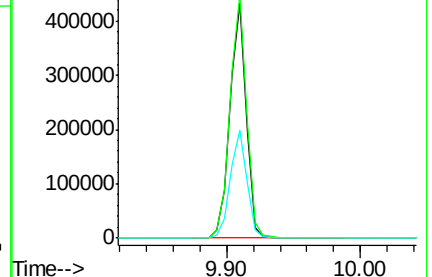
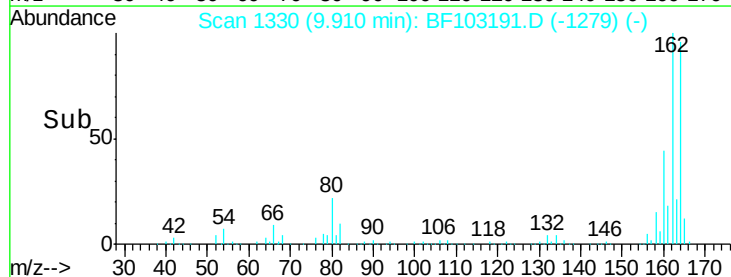
160 45.9 38.3 57.5

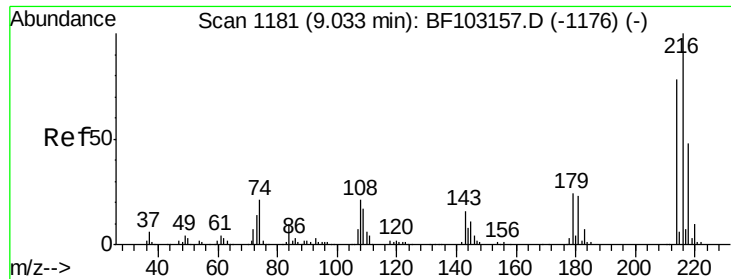


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

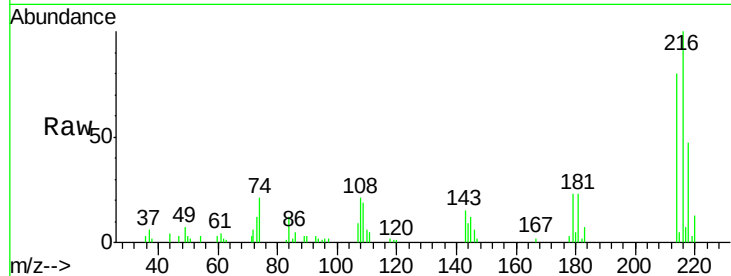




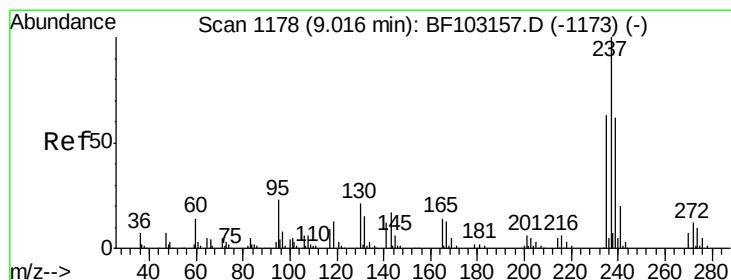
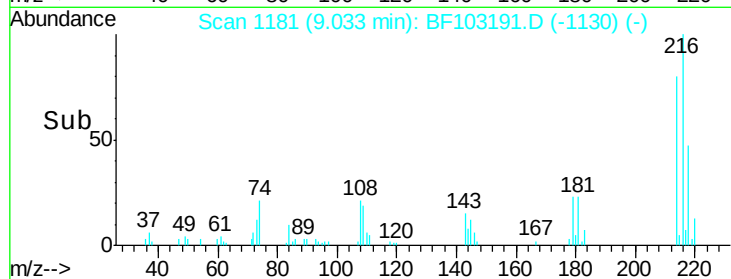
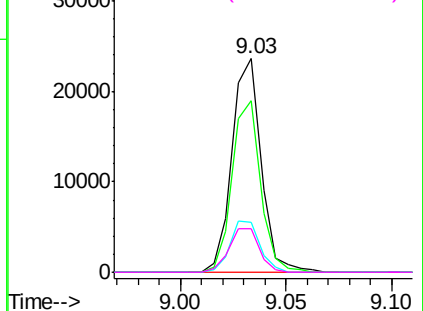
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.184 ng  
 RT: 9.03 min Scan# 1181  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 22431 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.4  | 63.0  | 94.4  |
| 179      | 24.3  | 18.1  | 27.1  |
| 108      | 21.5  | 17.2  | 25.8  |

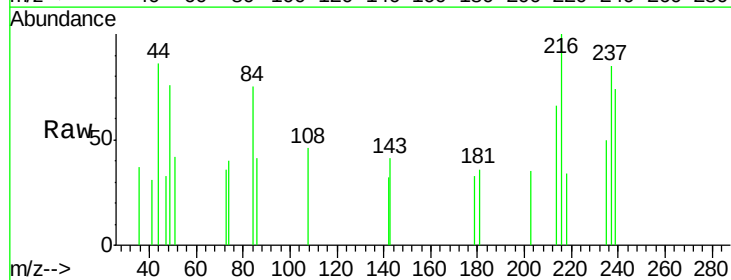


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

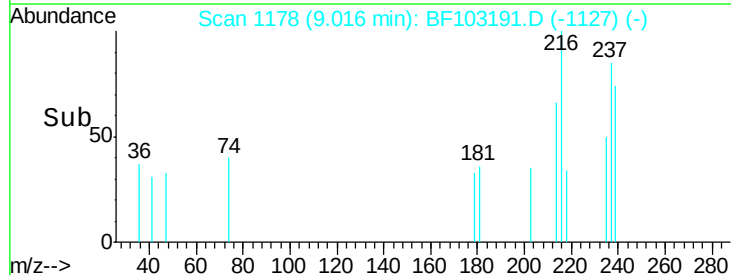
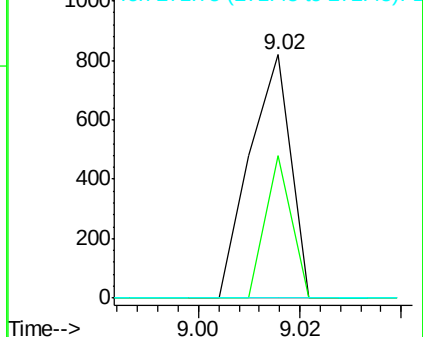


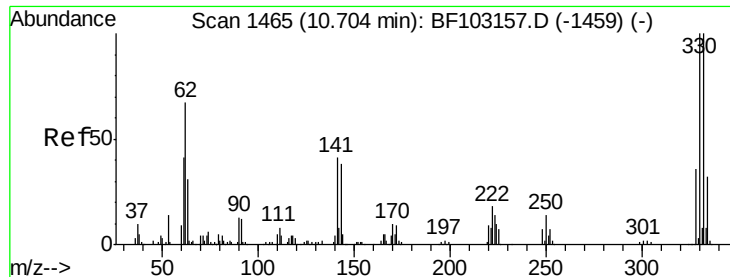
#40  
 Hexachlorocyclopentadiene  
 Concen: 8.994 ng  
 RT: 9.02 min Scan# 1178  
 Delta R.T. 0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 459   |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 58.6  | 44.8  | 84.8  |
| 272      | 0.0   | 0.0   | 33.3  |



Abundance Ion 236.80 (236.50 to 237.50): E  
 Ion 234.90 (234.60 to 235.60): E  
 Ion 271.75 (271.45 to 272.45): E

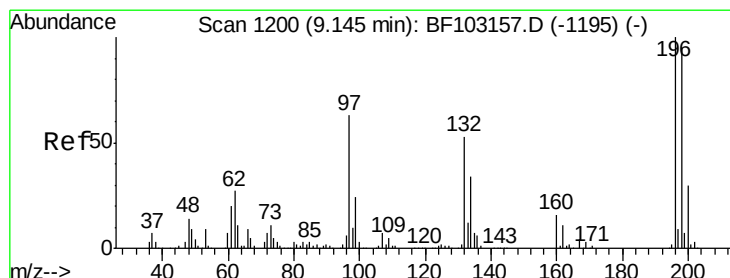
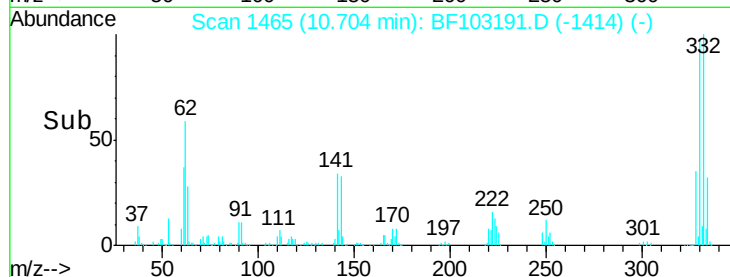
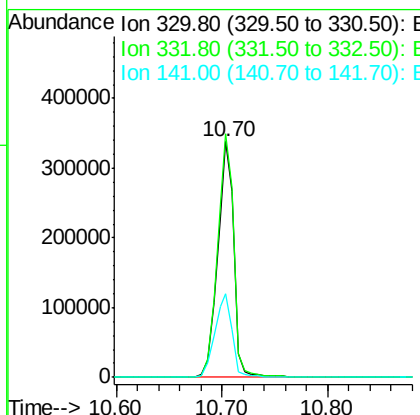
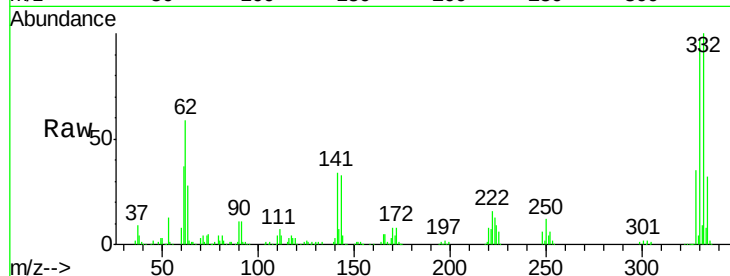




#41  
 2,4,6-Tribromophenol  
 Concen: 115.448 ng  
 RT: 10.70 min Scan# 1465  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

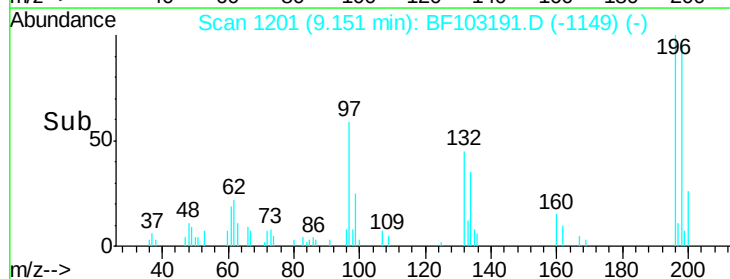
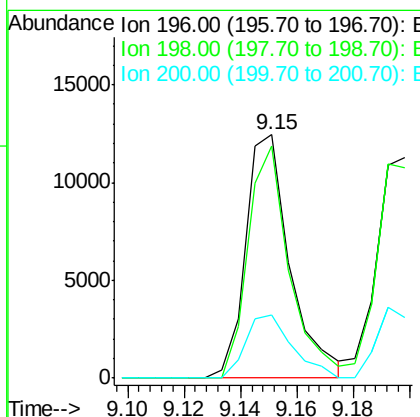
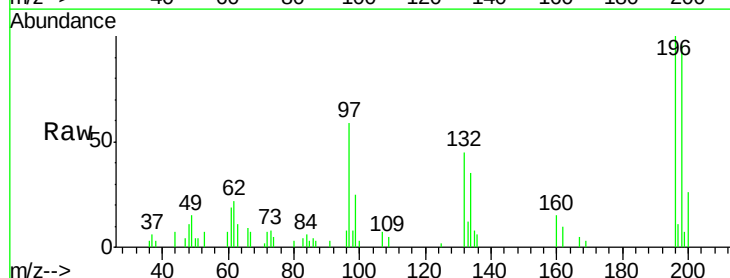
Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:330 Resp: 367056  
 Ion Ratio Lower Upper  
 330 100  
 332 104.1 77.0 115.6  
 141 37.9 29.9 44.9

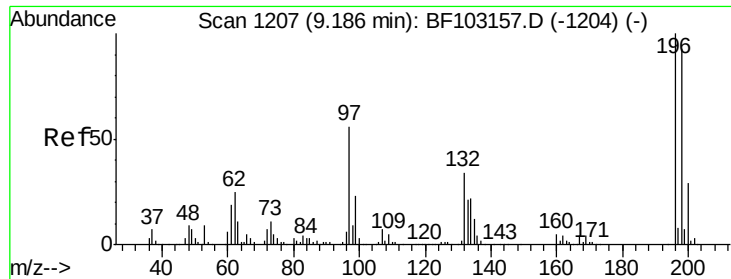


#42  
 2,4,6-Trichlorophenol  
 Concen: 1.962 ng  
 RT: 9.15 min Scan# 1201  
 Delta R.T. 0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:196 Resp: 13555  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 75.7 113.5  
 200 26.1 24.5 36.7



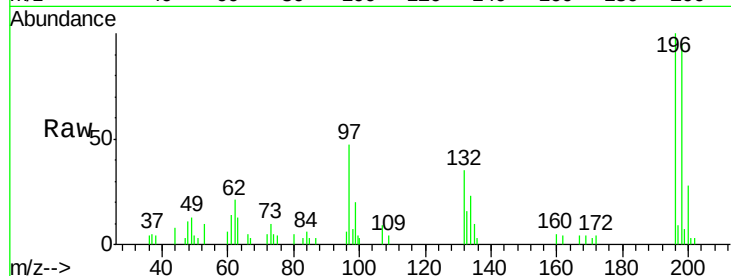




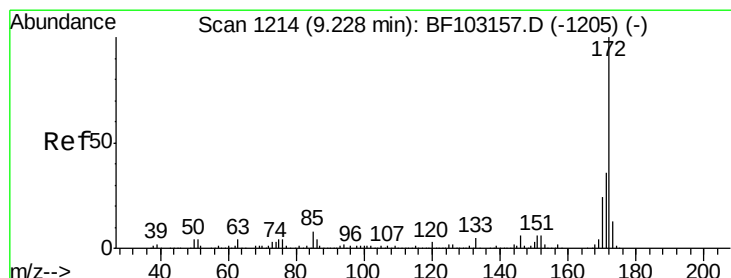
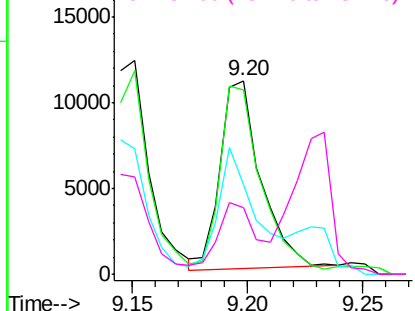
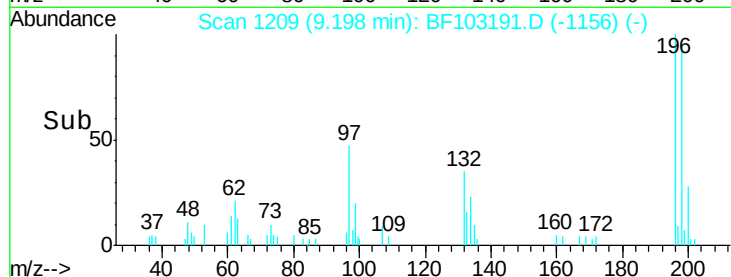
#43  
 2,4,5-Trichlorophenol  
 Concen: 1.680 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. 0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:196 Resp: 13348  
 Ion Ratio Lower Upper  
 196 100  
 198 95.2 74.6 112.0  
 97 46.6 42.9 64.3  
 132 34.7 26.3 39.5

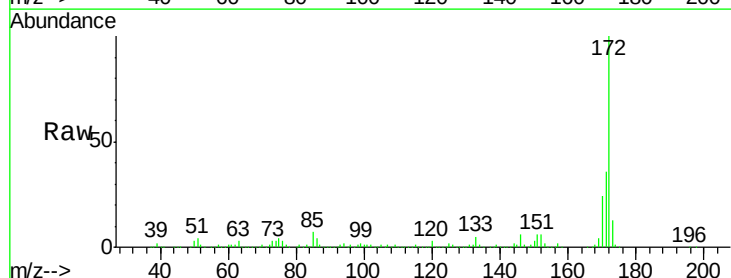


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF1  
 Ion 132.00 (131.70 to 132.70): E

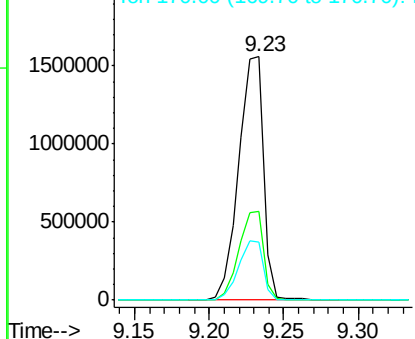
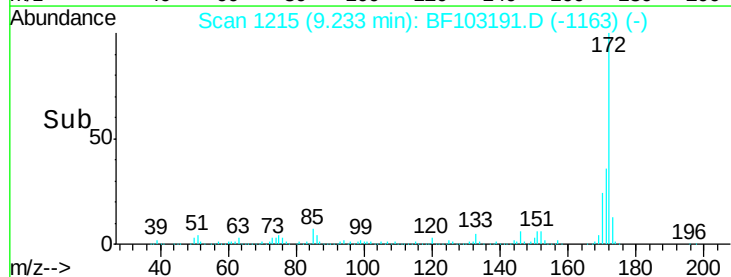


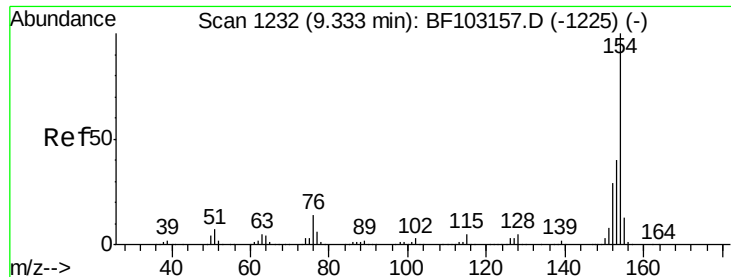
#44  
 2-Fluorobiphenyl  
 Concen: 82.691 ng  
 RT: 9.23 min Scan# 1215  
 Delta R.T. 0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:172 Resp: 1815005  
 Ion Ratio Lower Upper  
 172 100  
 171 36.4 29.7 44.5  
 170 24.1 19.6 29.4



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

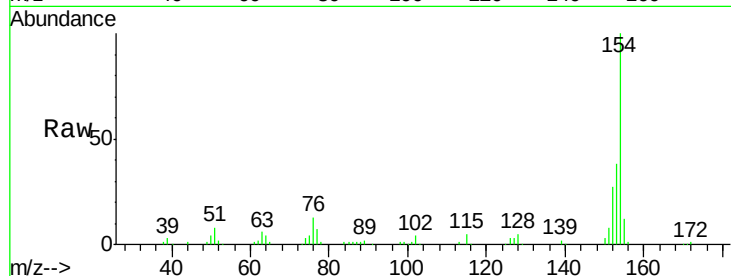




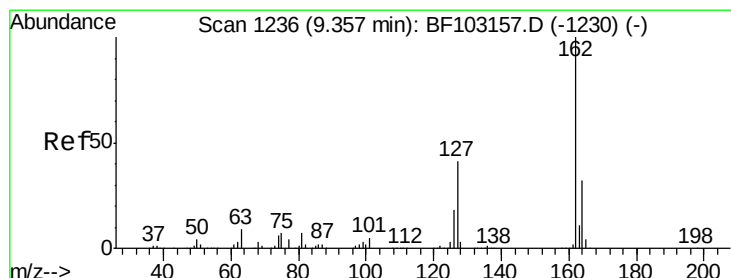
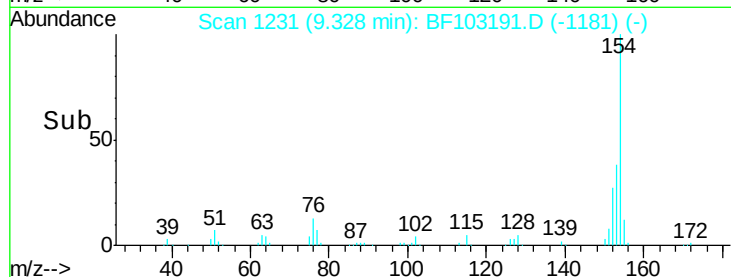
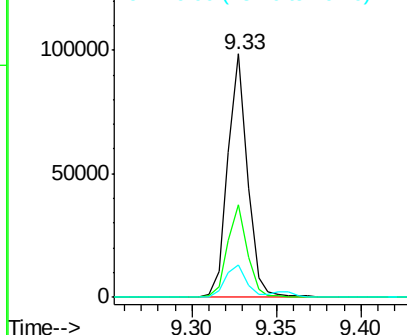
#45  
1,1'-Biphenyl  
Concen: 2.545 ng  
RT: 9.33 min Scan# 1231  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 38.0  | 21.3  | 61.3  |
| 76      | 13.5  | 0.0   | 34.0  |

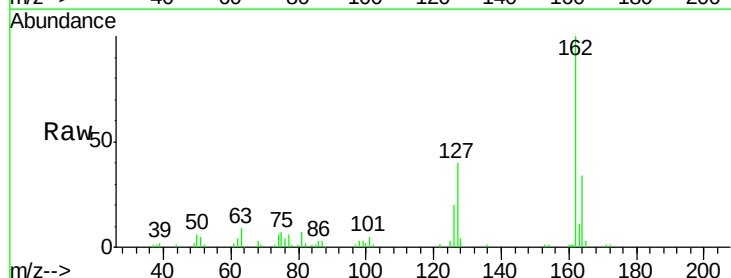


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): BF1

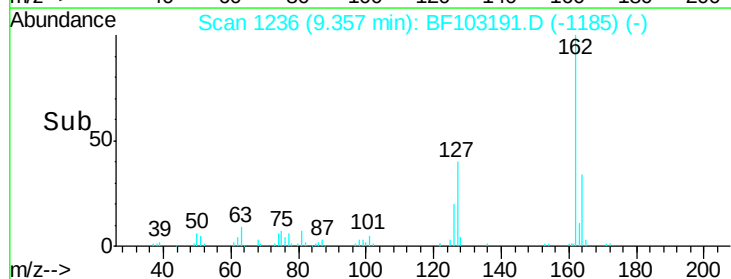
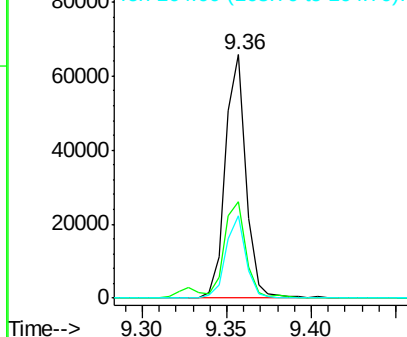


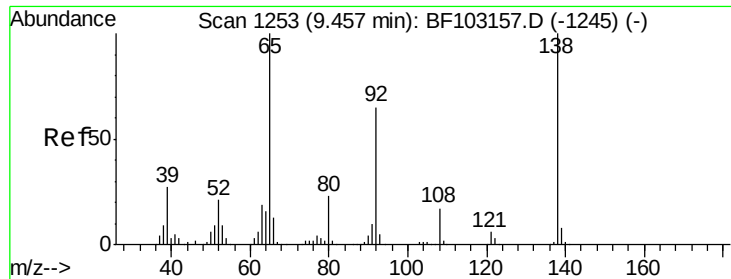
#46  
2-Chloronaphthalene  
Concen: 2.227 ng  
RT: 9.36 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.8  | 33.9  | 50.9  |
| 164     | 34.0  | 26.5  | 39.7  |



Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 127.00 (126.70 to 127.70): E  
Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 1.959 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

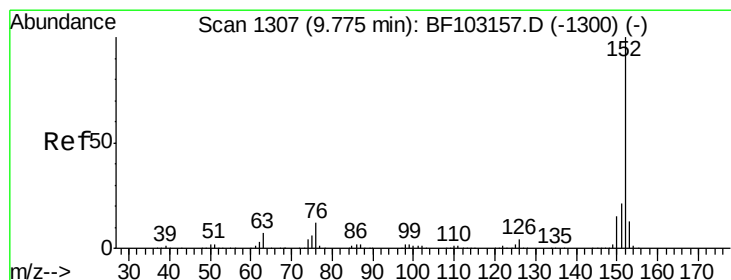
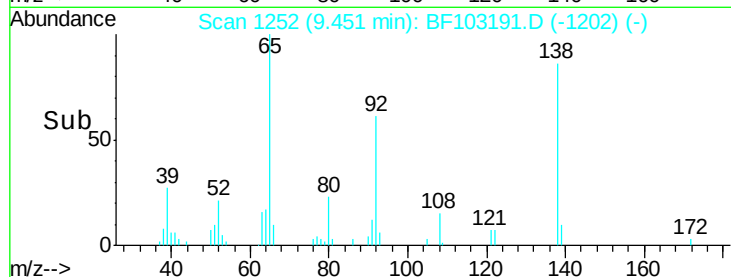
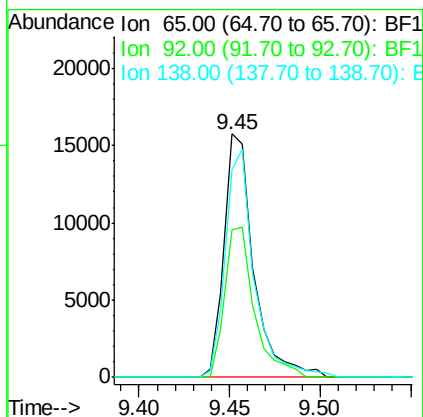
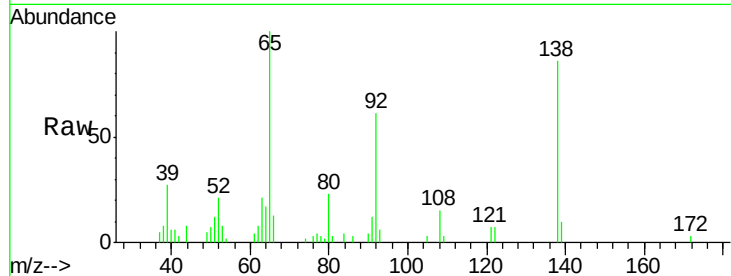
Tot Ion: 65 Resp: 18068

Ion Ratio Lower Upper

65 100

92 60.8 55.8 83.6

138 85.6 91.2 136.8#



#48

Acenaphthylene

Concen: 2.285 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

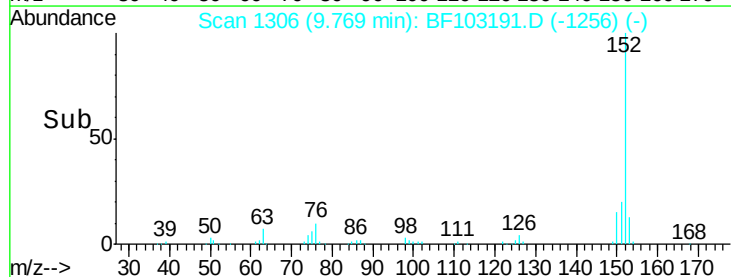
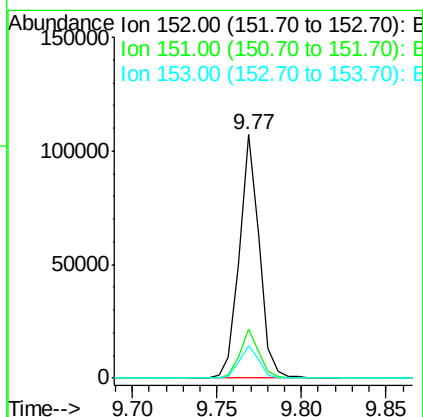
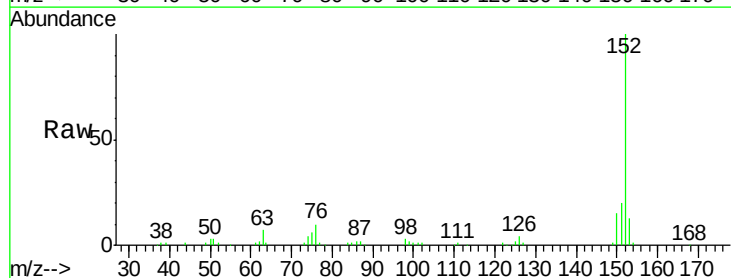
Tgt Ion: 152 Resp: 87552

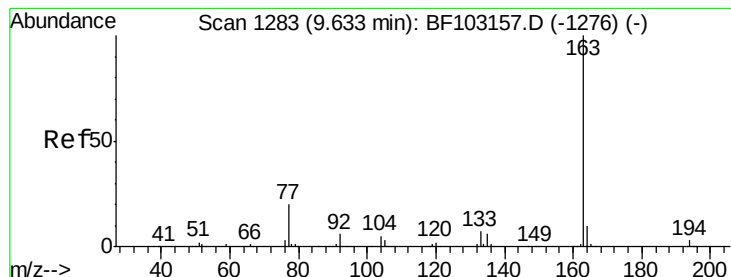
Ion Ratio Lower Upper

152 100

151 19.9 16.3 24.5

153 13.2 10.7 16.1





#49

Dimethylphthalate

Concen: 2.252 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.02 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampled :

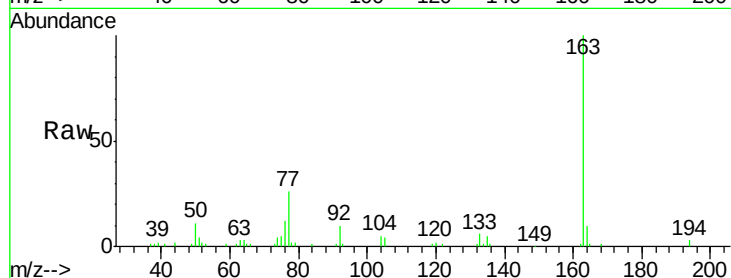
Tot Ion:163 Resp: 67866

Ion Ratio Lower Upper

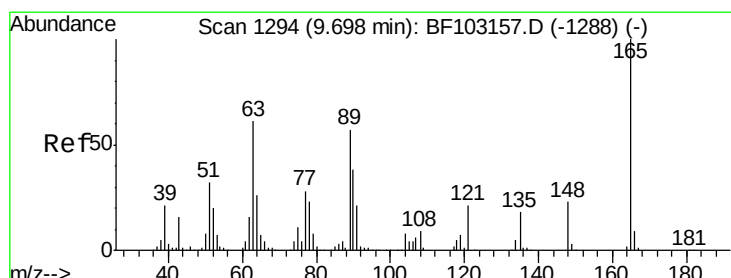
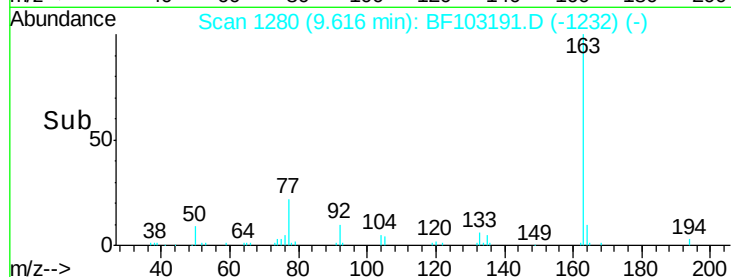
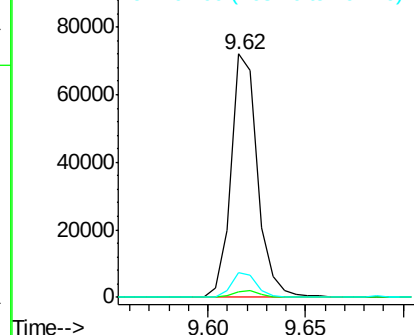
163 100

194 2.5 2.7 4.1#

164 10.2 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 2.084 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

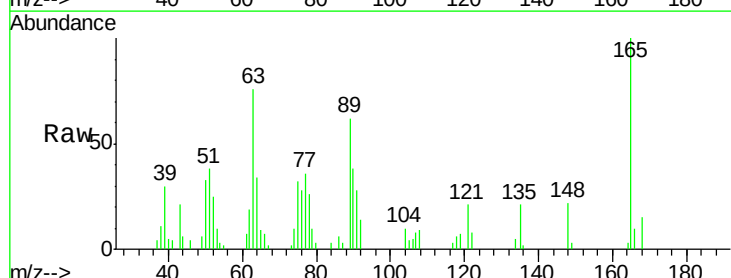
Tgt Ion:165 Resp: 13181

Ion Ratio Lower Upper

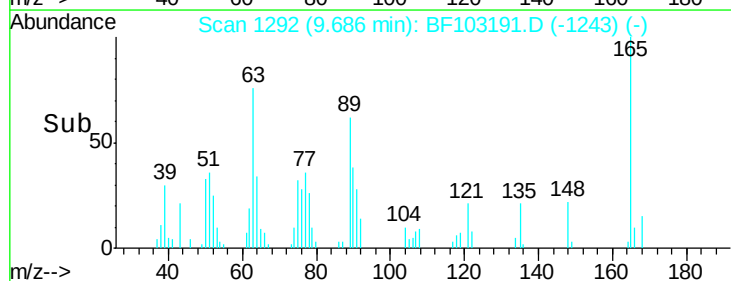
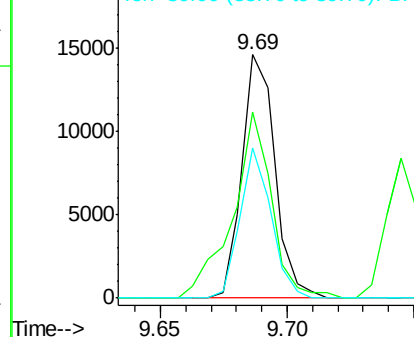
165 100

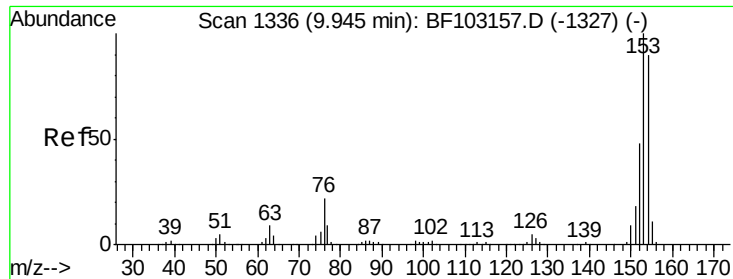
63 76.5 44.7 67.1#

89 61.5 44.0 66.0



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





#51

Acenaphthene

Concen: 2.385 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

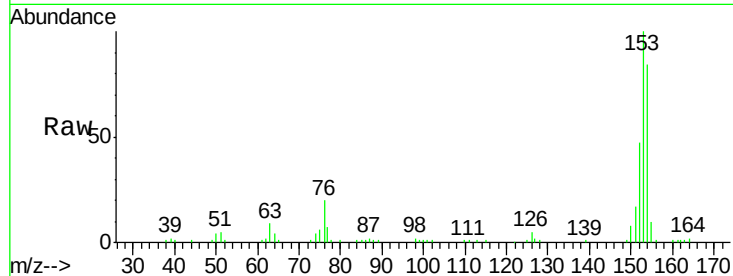
Tot Ion:154 Resp: 53272

Ion Ratio Lower Upper

154 100

153 118.7 91.2 136.8

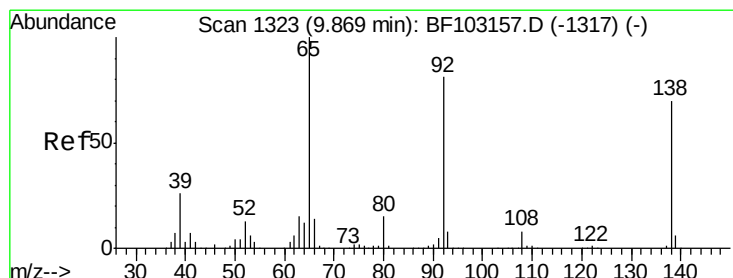
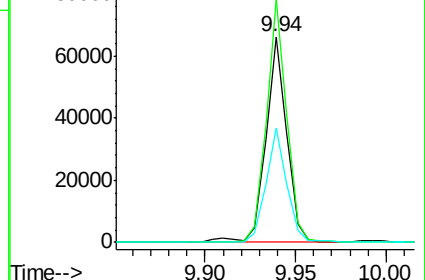
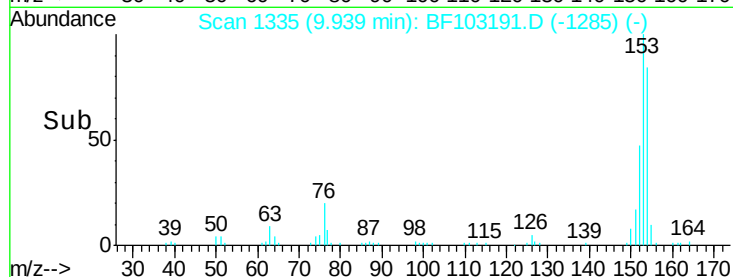
152 55.6 43.8 65.8



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



#52

3-Nitroaniline

Concen: 1.803 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

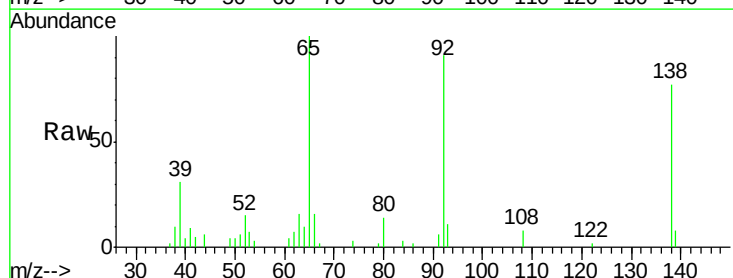
Tgt Ion:138 Resp: 14465

Ion Ratio Lower Upper

138 100

108 10.0 9.4 14.0

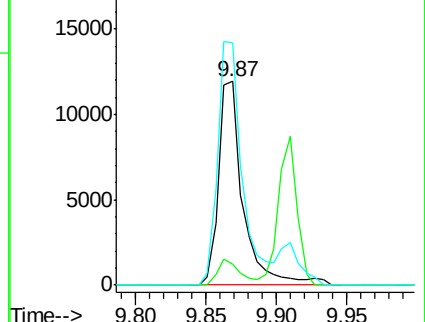
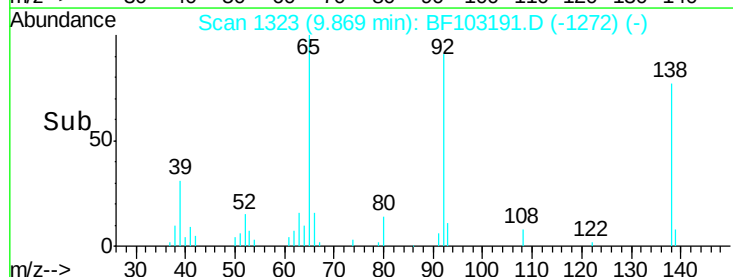
92 118.6 89.4 134.2

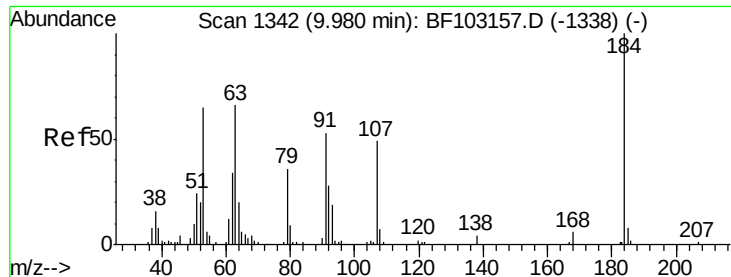


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

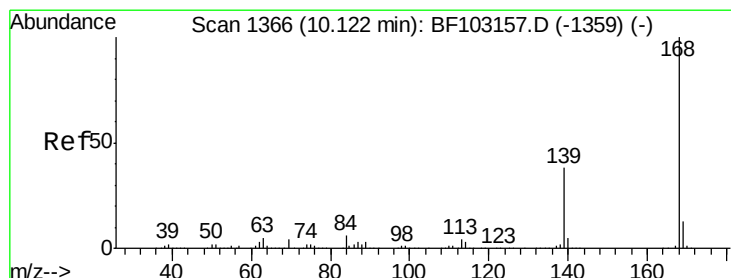
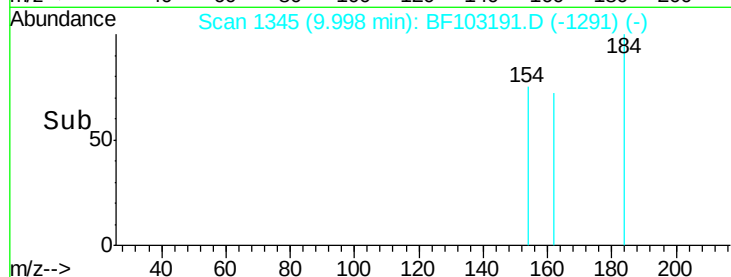
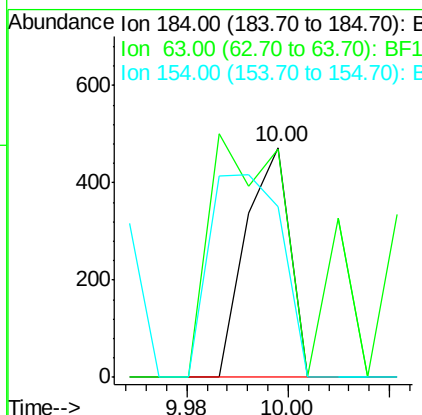
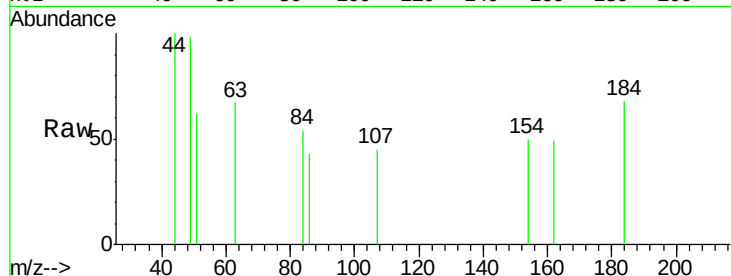




#53  
 2,4-Dinitrophenol  
 Concen: 9.731 ng  
 RT: 10.00 min Scan# 1345  
 Delta R.T. 0.02 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

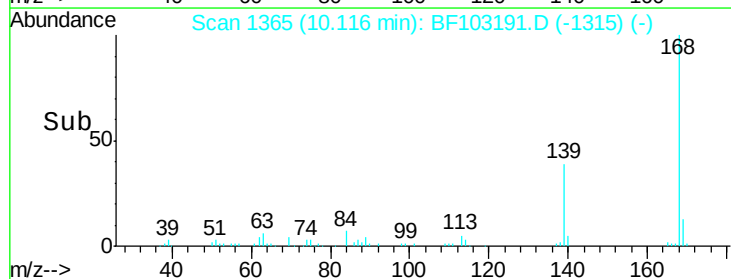
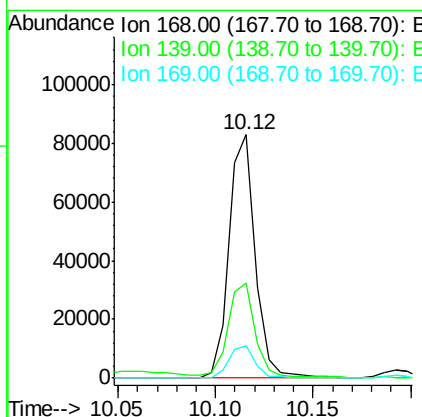
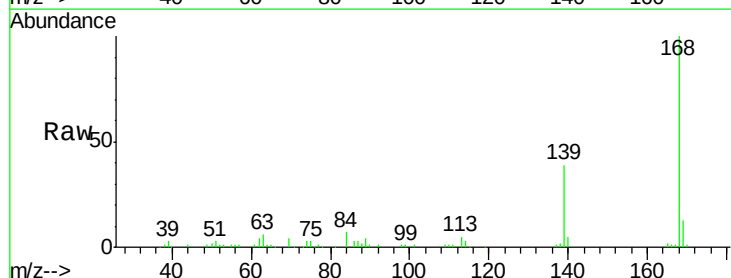
Instrument :  
 BNA\_F  
 ClientSampled :

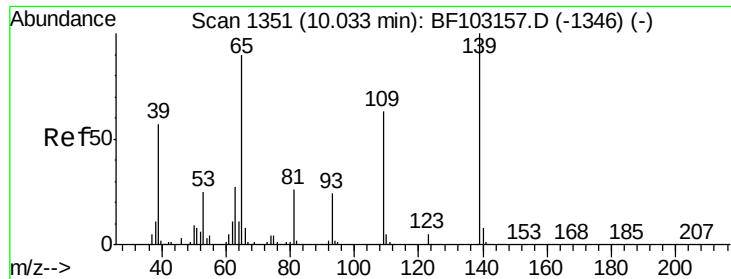
Tot Ion:184 Resp: 286  
 Ion Ratio Lower Upper  
 184 100  
 63 99.6 54.2 81.2#  
 154 74.6 184.0 276.0#



#54  
 Dibenzofuran  
 Concen: 2.521 ng  
 RT: 10.12 min Scan# 1365  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:168 Resp: 77305  
 Ion Ratio Lower Upper  
 168 100  
 139 39.0 30.1 45.1  
 169 13.2 10.9 16.3

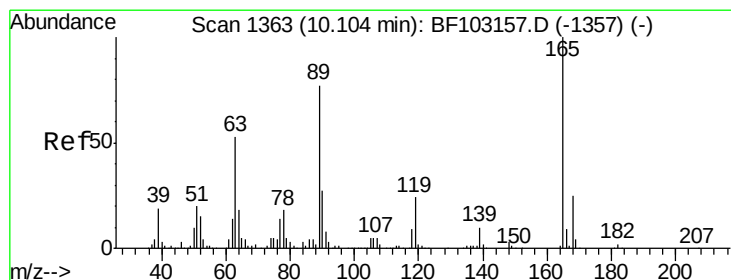
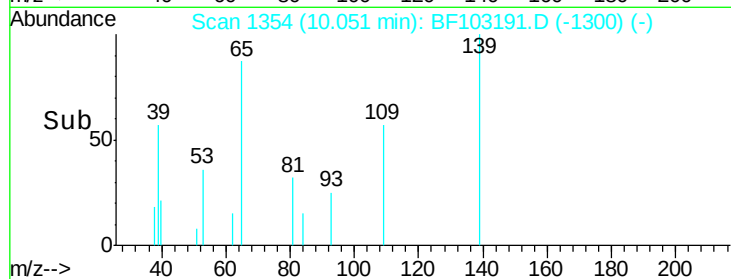
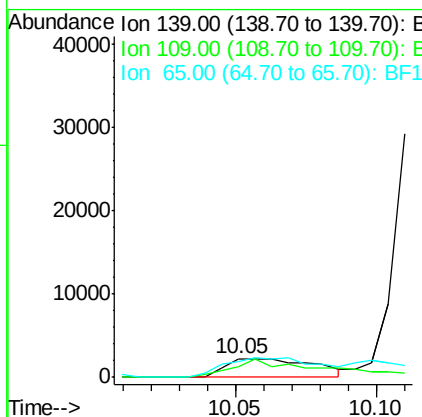
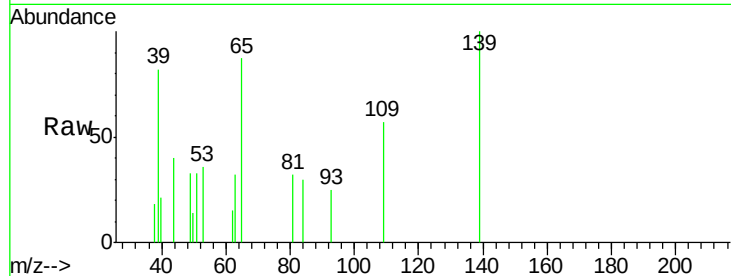




#55  
4-Nitrophenol  
Concen: 0.964 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.02 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

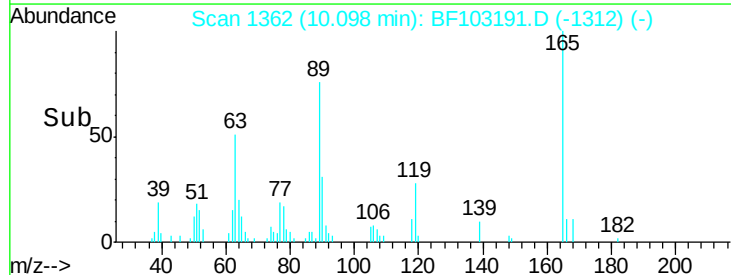
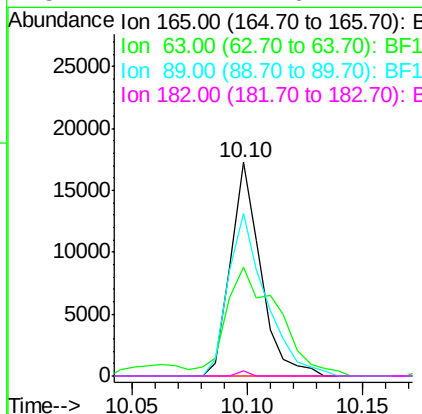
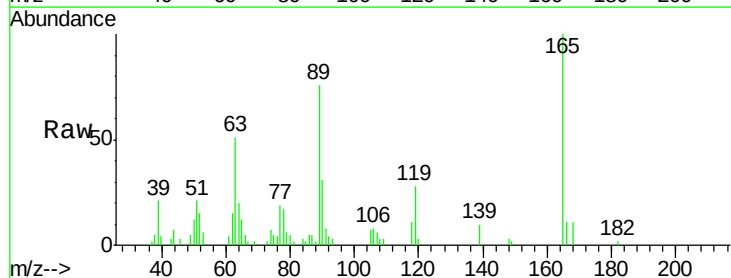
Instrument :  
BNA\_F  
ClientSampleId :

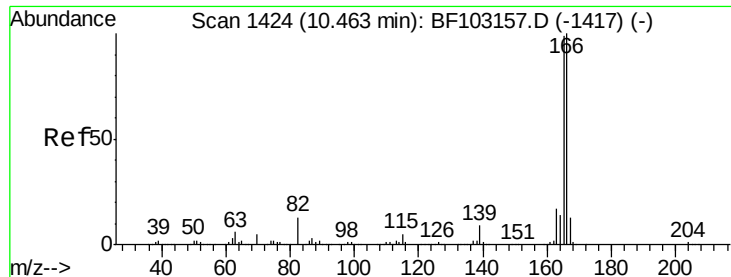
Tot Ion:139 Resp: 4795  
Ion Ratio Lower Upper  
139 100  
109 57.3 48.4 88.4  
65 86.9 72.6 112.6



#56  
2,4-Dinitrotoluene  
Concen: 1.969 ng  
RT: 10.10 min Scan# 1362  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:165 Resp: 15744  
Ion Ratio Lower Upper  
165 100  
63 50.8 36.4 54.6  
89 76.0 57.8 86.6  
182 2.2 1.6 2.4

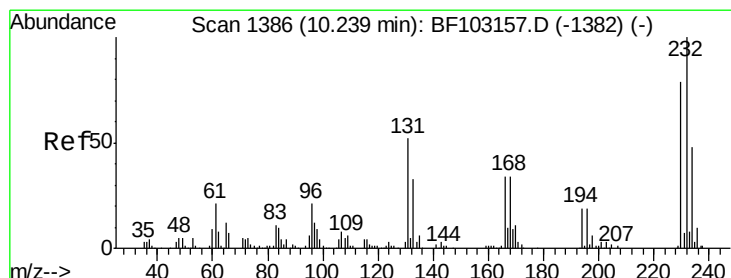
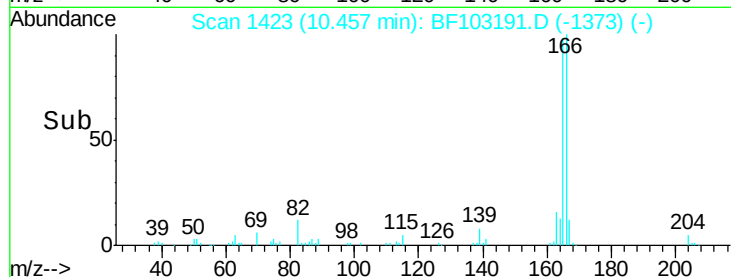
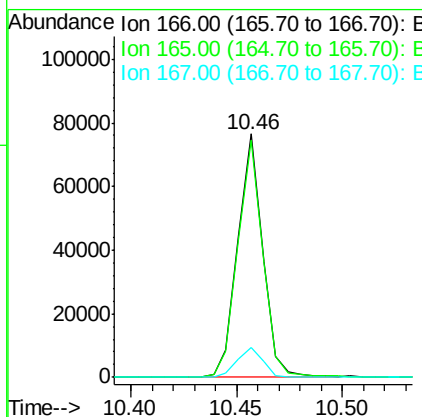
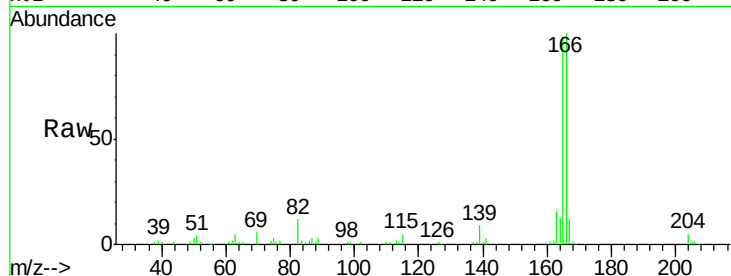




#57  
 Fluorene  
 Concen: 2.394 ng  
 RT: 10.46 min Scan# 1423  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

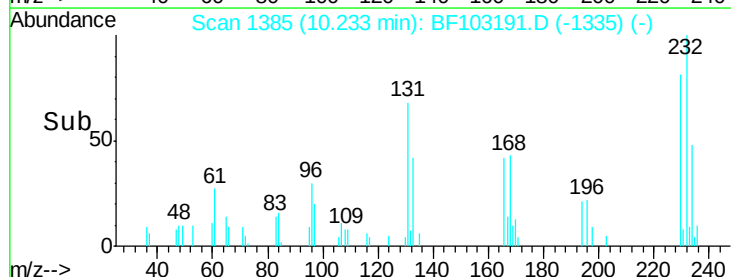
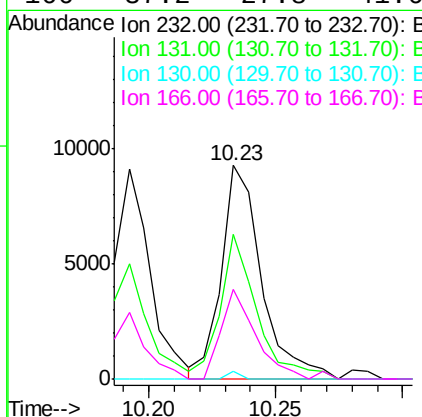
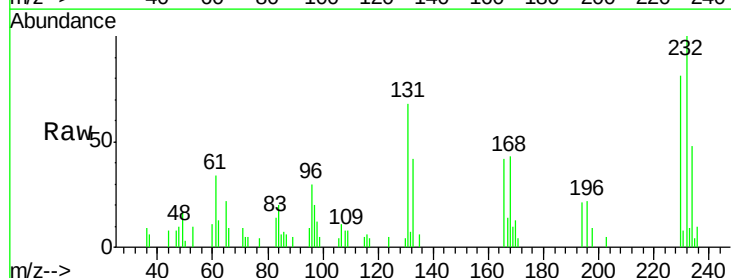
Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:166 Resp: 62534  
 Ion Ratio Lower Upper  
 166 100  
 165 97.5 79.8 119.8  
 167 12.3 10.6 16.0

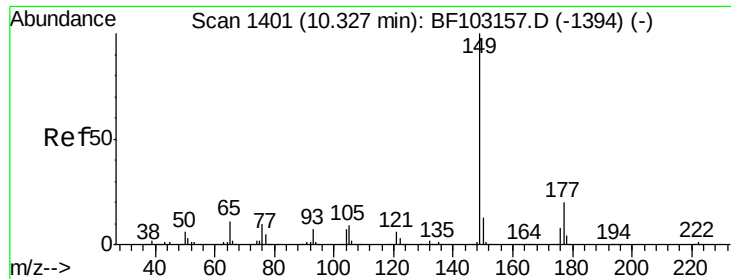


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 1.914 ng  
 RT: 10.23 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:232 Resp: 10218  
 Ion Ratio Lower Upper  
 232 100  
 131 61.9 43.8 65.8  
 130 1.1 2.1 3.1#  
 166 37.2 27.8 41.6



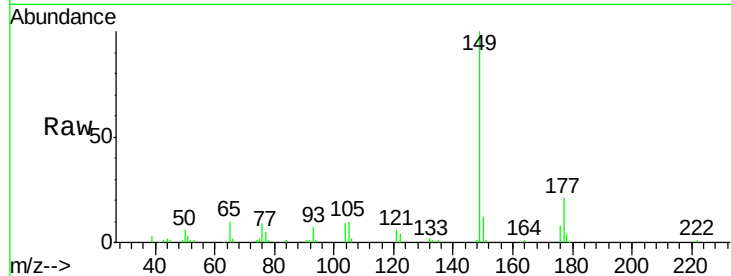




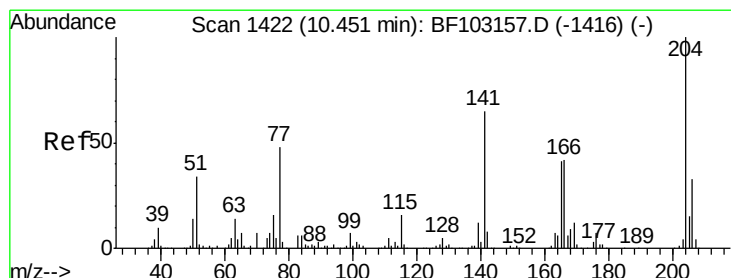
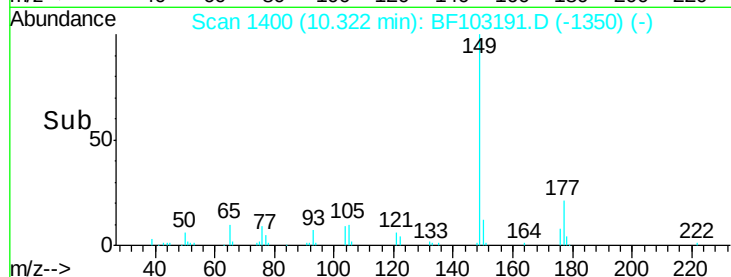
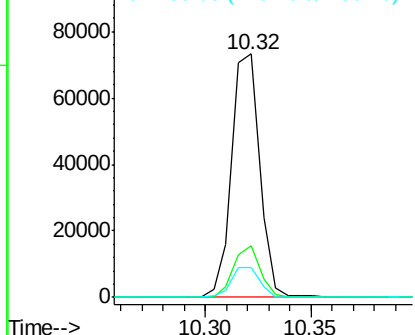
#59  
Diethylphthalate  
Concen: 2.337 ng  
RT: 10.32 min Scan# 1400  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:149 Resp: 67342  
Ion Ratio Lower Upper  
149 100  
177 21.4 16.1 24.1  
150 12.4 10.1 15.1

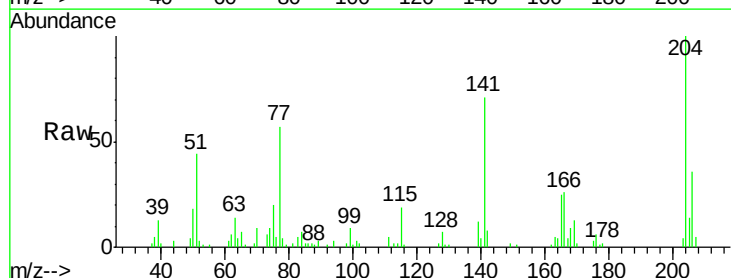


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

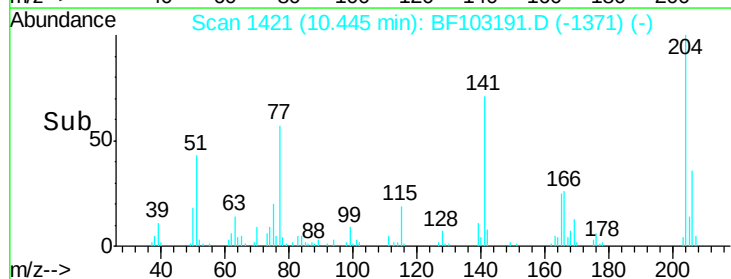
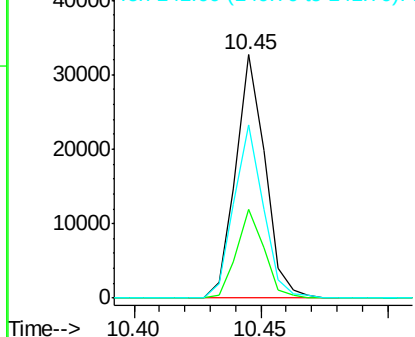


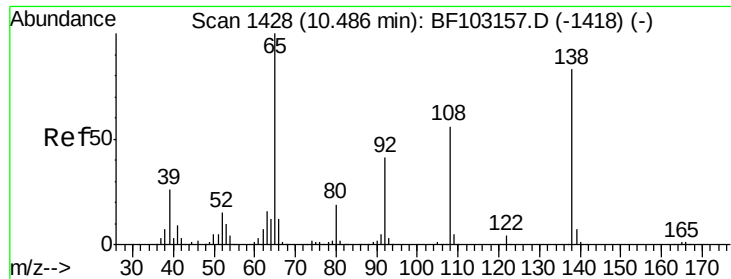
#60  
4-Chlorophenyl-phenylether  
Concen: 2.380 ng  
RT: 10.45 min Scan# 1421  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:204 Resp: 26370  
Ion Ratio Lower Upper  
204 100  
206 36.5 26.5 39.7  
141 71.4 54.6 81.8



Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

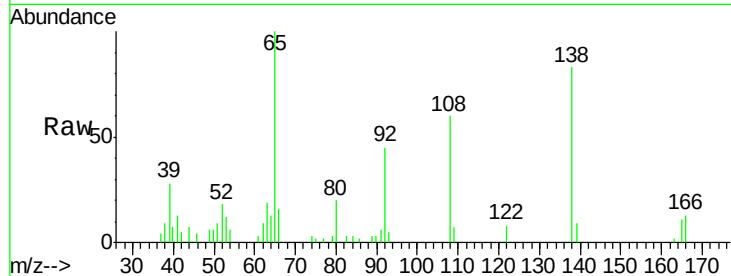




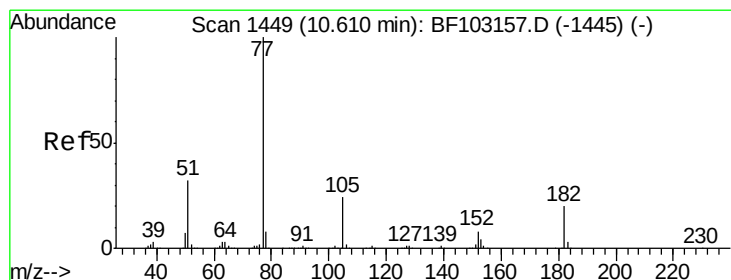
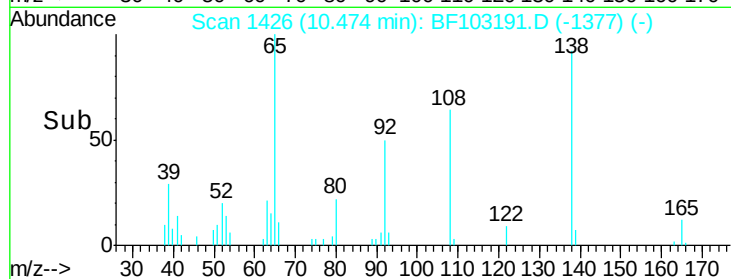
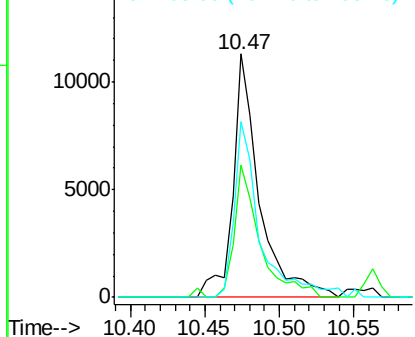
#61  
4-Nitroaniline  
Concen: 1.757 ng  
RT: 10.47 min Scan# 1426  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:138 Resp: 14079  
Ion Ratio Lower Upper  
138 100  
92 54.3 30.2 70.2  
108 72.2 52.5 92.5

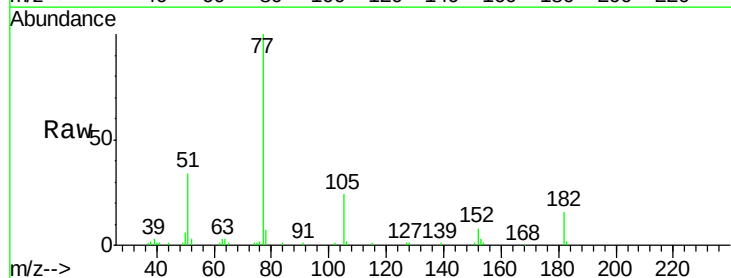


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BF1  
Ion 108.00 (107.70 to 108.70): E

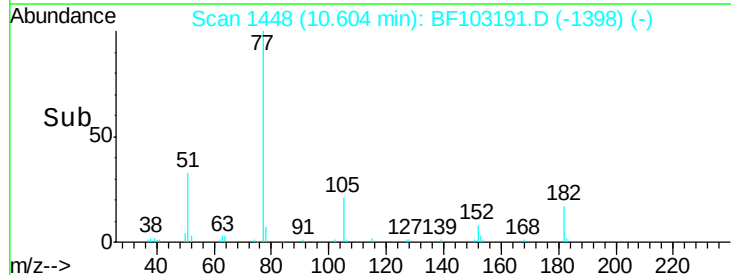
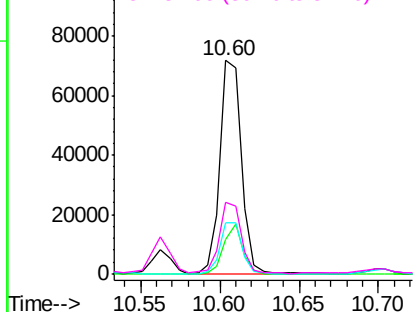


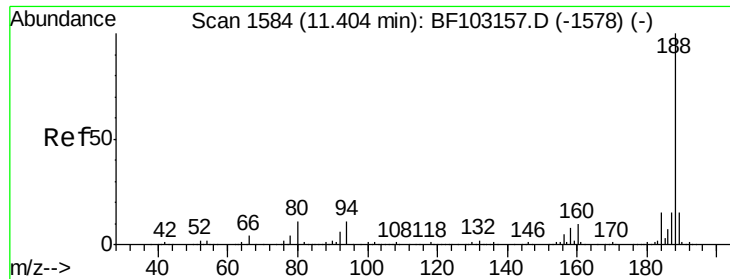
#62  
Azobenzene  
Concen: 2.322 ng  
RT: 10.60 min Scan# 1448  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion: 77 Resp: 68124  
Ion Ratio Lower Upper  
77 100  
182 16.4 1.7 41.7  
105 24.0 3.0 43.0  
51 33.5 9.9 49.9



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

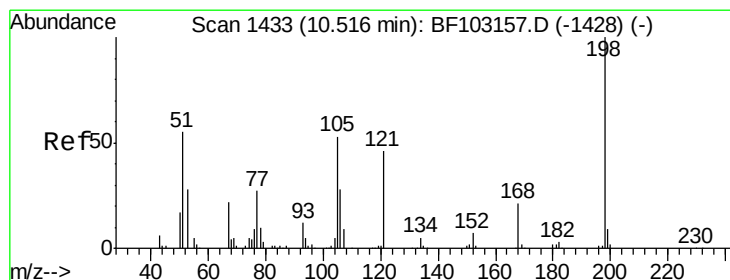
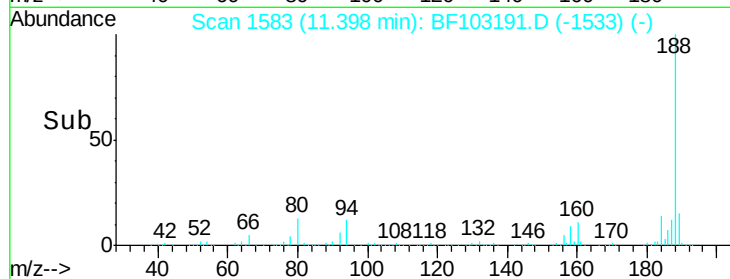
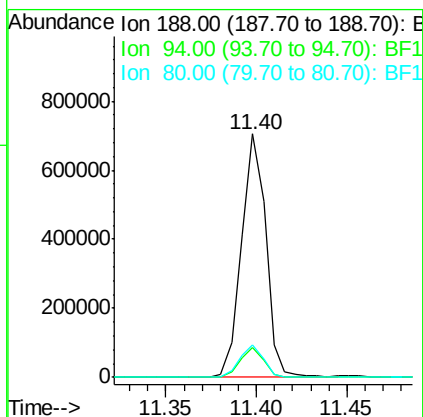
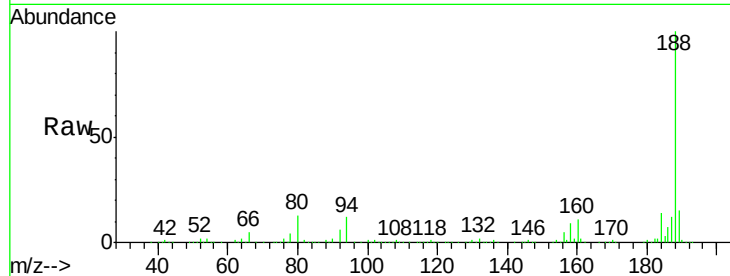




#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.40 min Scan# 1583  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

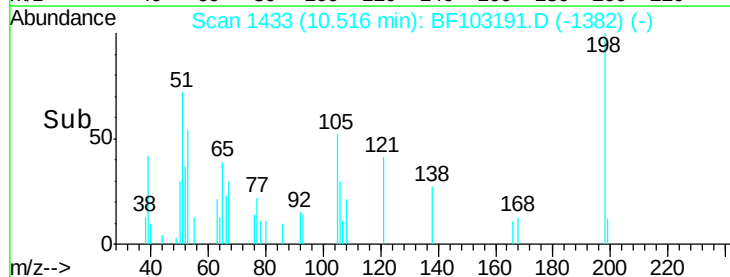
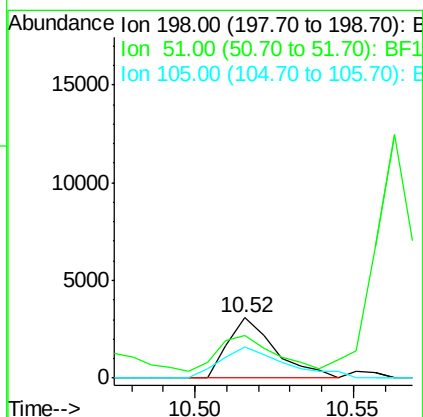
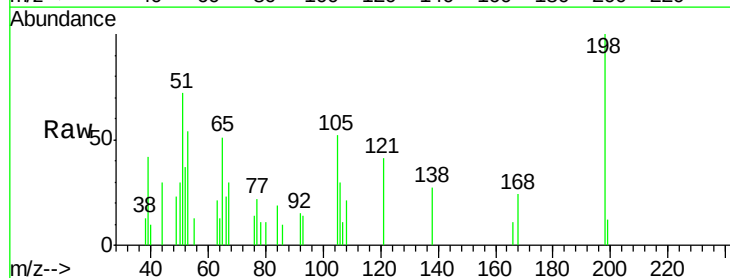
Instrument :  
 BNA\_F  
 ClientSampleId :

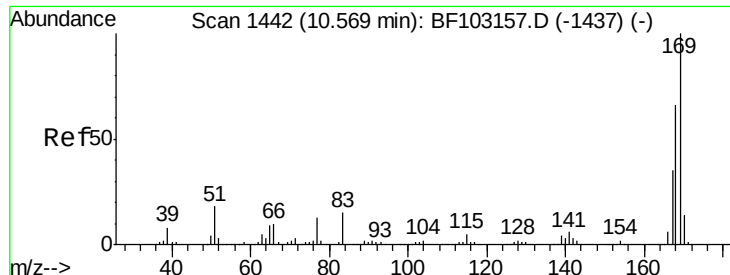
Tot Ion:188 Resp: 660654  
 Ion Ratio Lower Upper  
 188 100  
 94 12.2 8.5 12.7  
 80 13.2 9.2 13.8



#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 5.654 ng  
 RT: 10.52 min Scan# 1433  
 Delta R.T. 0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:198 Resp: 3177  
 Ion Ratio Lower Upper  
 198 100  
 51 71.6 37.7 77.7  
 105 52.1 36.3 76.3

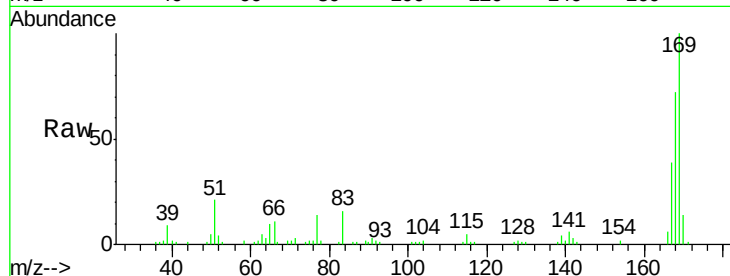




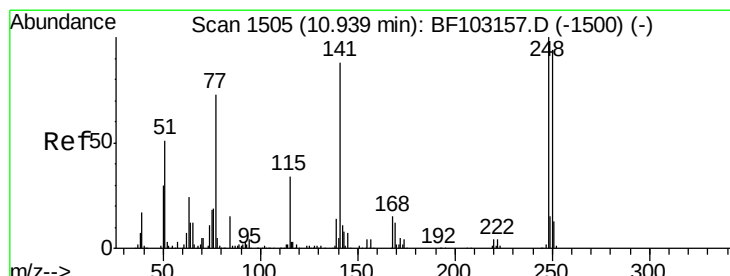
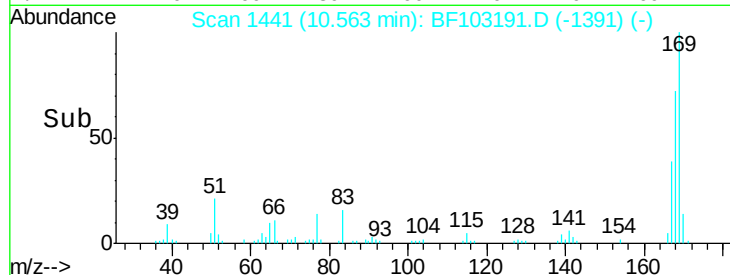
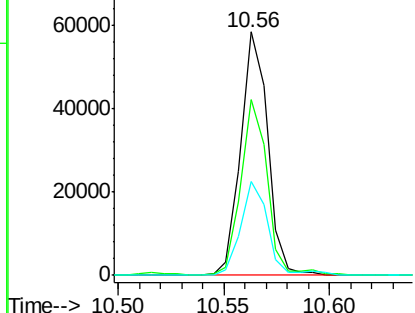
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.252 ng  
 RT: 10.56 min Scan# 1441  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 72.2  | 54.4  | 81.6  |
| 167     | 38.7  | 29.8  | 44.6  |

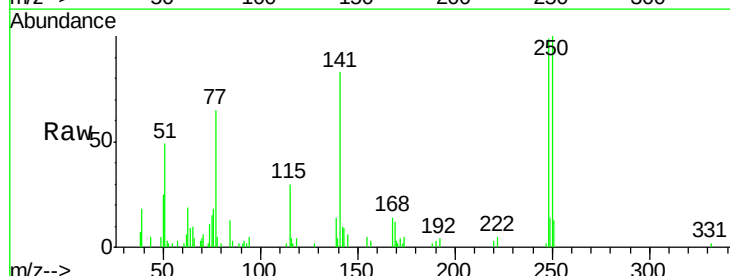


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

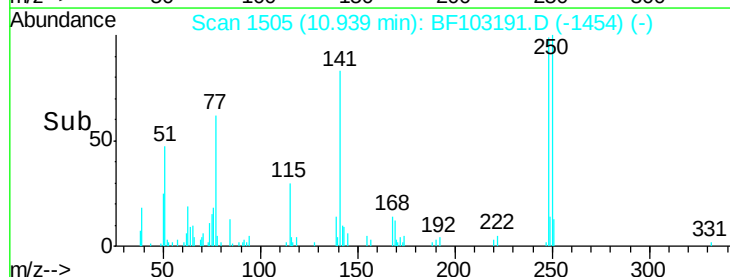
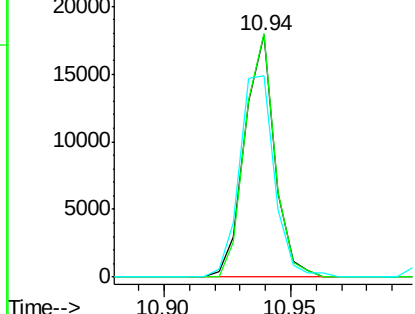


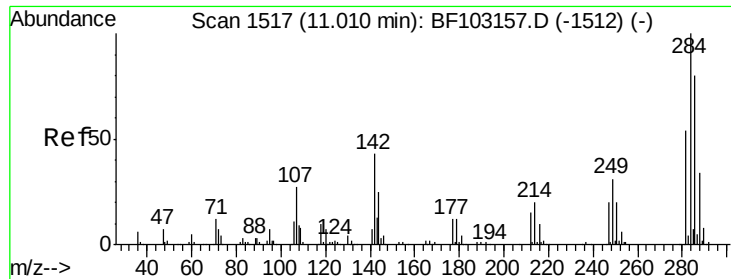
#66  
 4-Bromophenyl-phenylether  
 Concen: 2.159 ng  
 RT: 10.94 min Scan# 1505  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 100.6 | 76.9  | 115.3 |
| 141     | 83.1  | 74.4  | 111.6 |



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





#67

Hexachlorobenzene

Concen: 2.157 ng

RT: 11.00 min Scan# 1516

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampled :

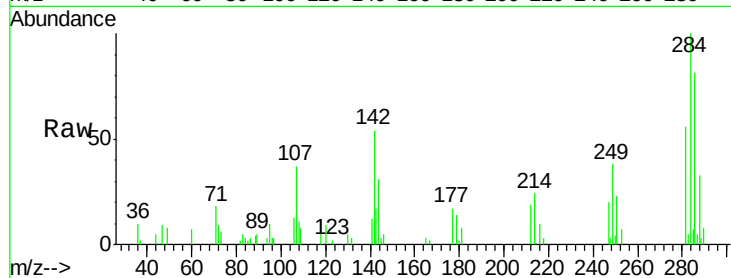
Tot Ion:284 Resp: 16111

Ion Ratio Lower Upper

284 100

142 54.0 34.6 52.0#

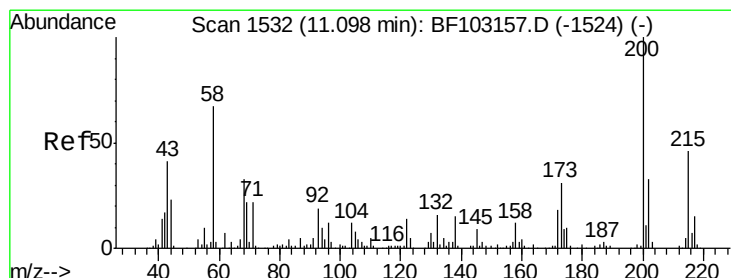
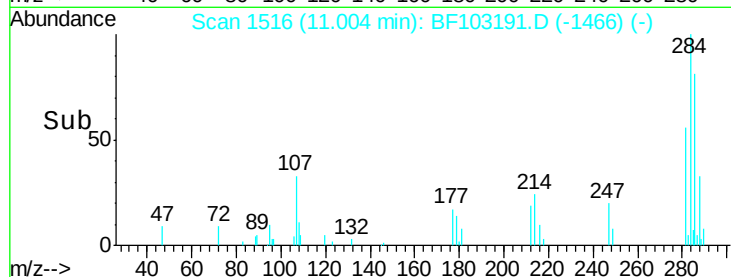
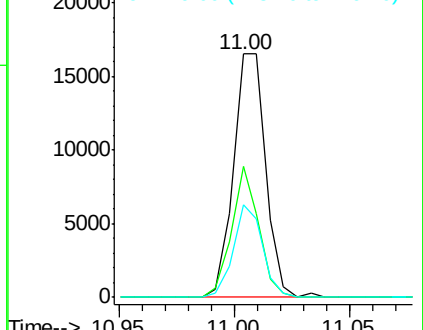
249 38.3 24.8 37.2#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 1.998 ng

RT: 11.09 min Scan# 1530

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

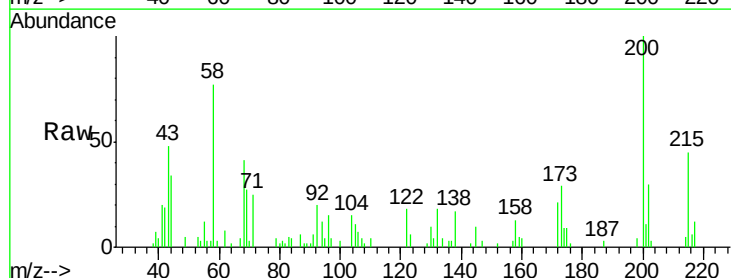
Tgt Ion:200 Resp: 13811

Ion Ratio Lower Upper

200 100

173 28.8 8.6 48.6

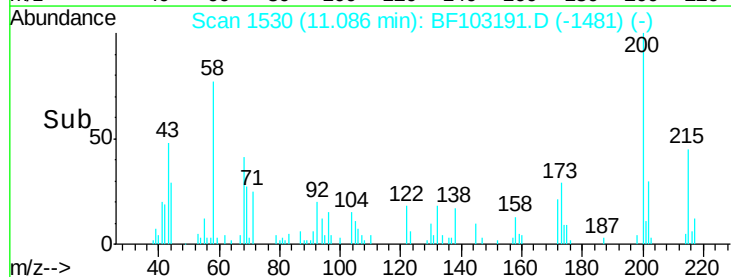
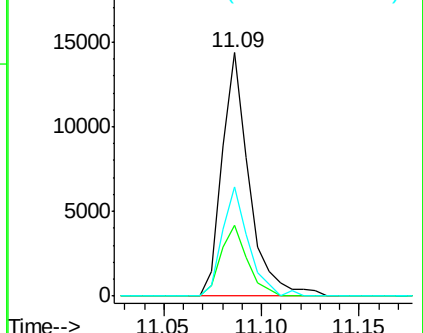
215 44.7 25.1 65.1

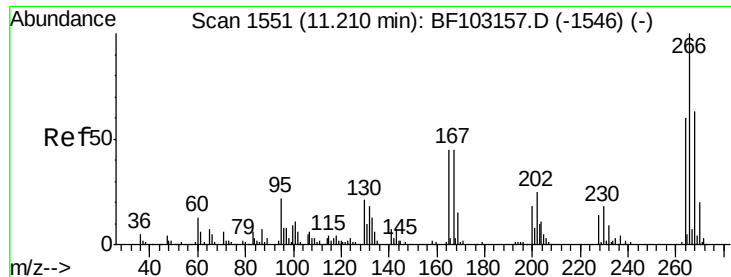


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 1.216 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

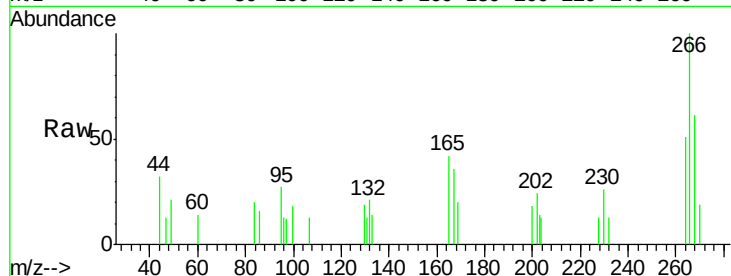
Tot Ion:266 Resp: 4393

Ion Ratio Lower Upper

266 100

268 60.6 51.1 76.7

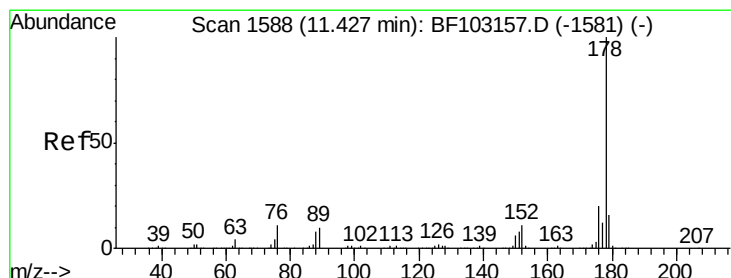
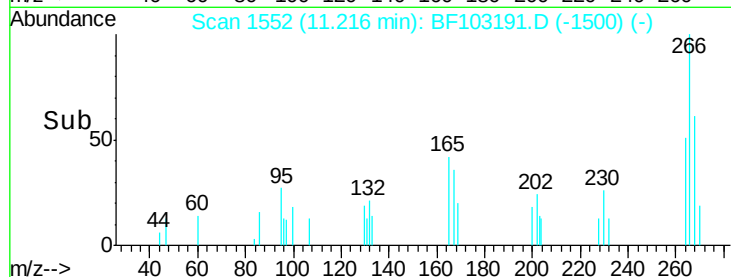
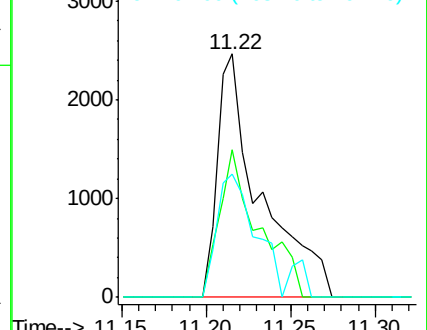
264 50.8 49.5 74.3



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 2.419 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

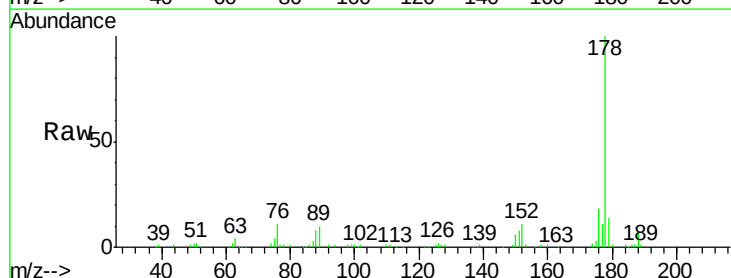
Tgt Ion:178 Resp: 87965

Ion Ratio Lower Upper

178 100

176 17.7 15.8 23.8

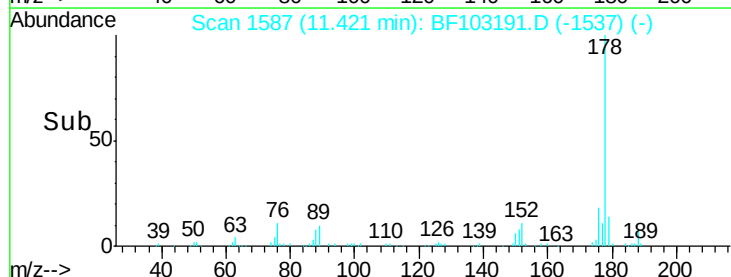
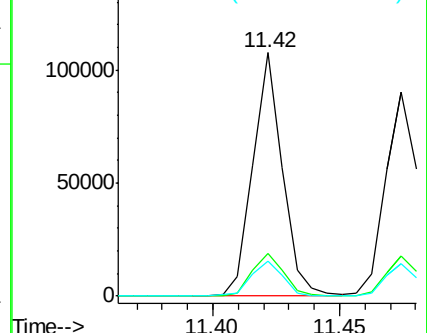
179 14.2 13.0 19.6

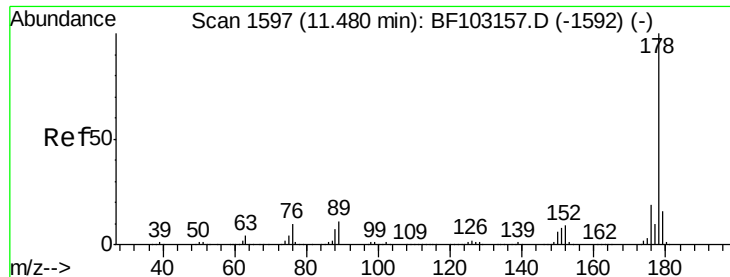


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

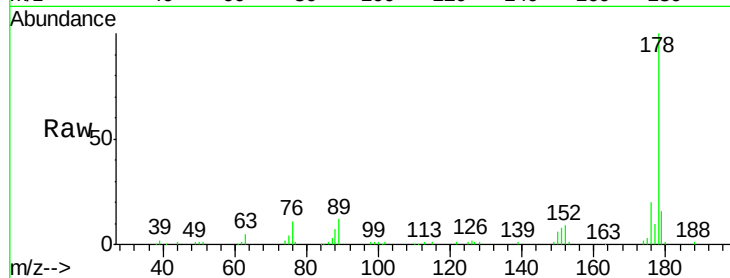




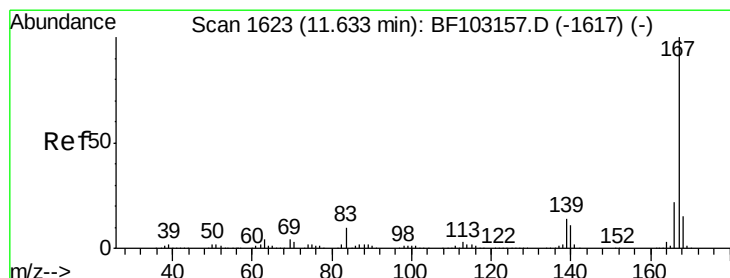
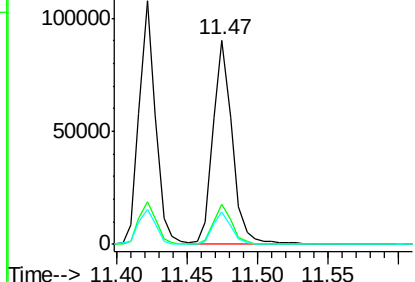
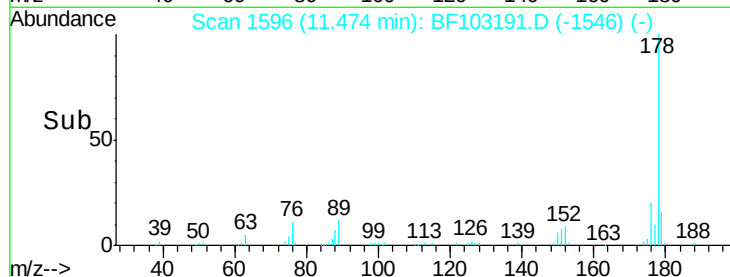
#71  
 Anthracene  
 Concen: 2.306 ng  
 RT: 11.47 min Scan# 1596  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:178 Resp: 85982  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.4 23.2  
 179 16.0 12.6 19.0

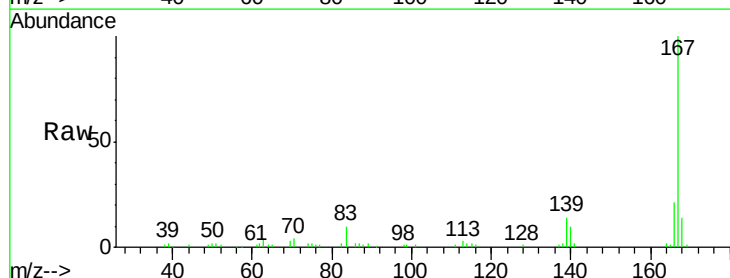


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

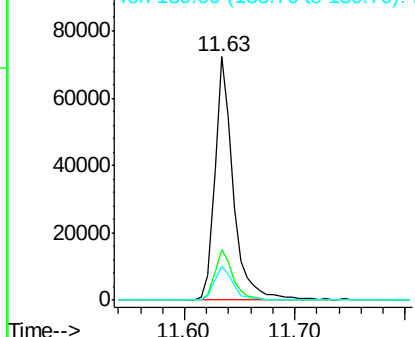
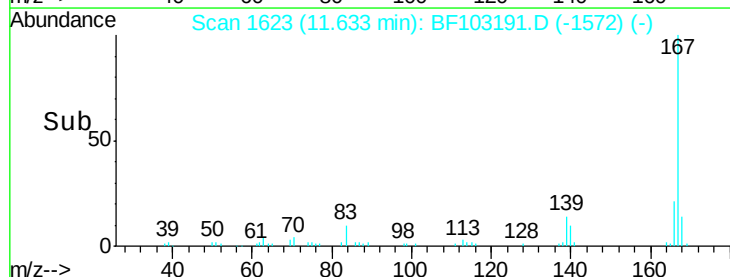


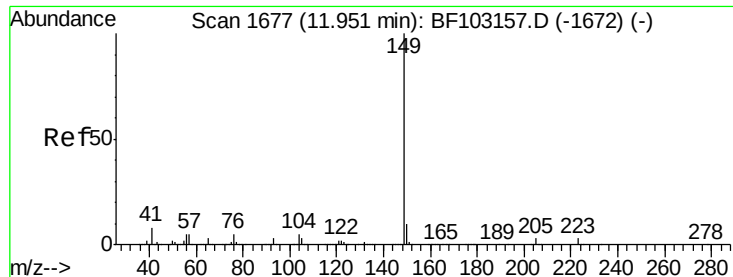
#72  
 Carbazole  
 Concen: 2.232 ng  
 RT: 11.63 min Scan# 1623  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:167 Resp: 82862  
 Ion Ratio Lower Upper  
 167 100  
 166 20.9 17.6 26.4  
 139 14.0 10.9 16.3



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





#73

Di-n-butylphthalate

Concen: 2.251 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

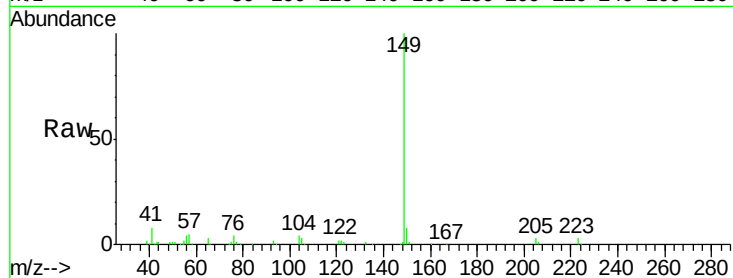
Tot Ion:149 Resp: 104579

Ion Ratio Lower Upper

149 100

150 8.4 7.8 11.6

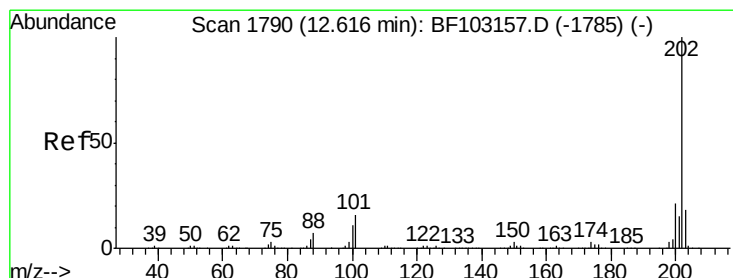
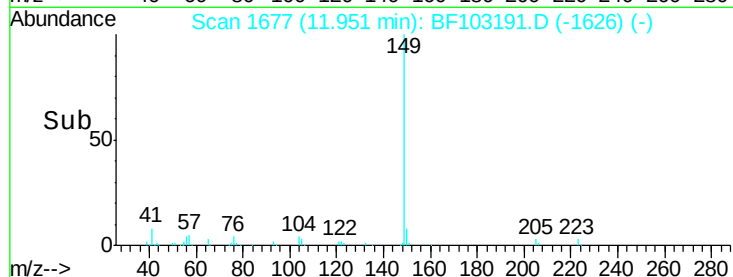
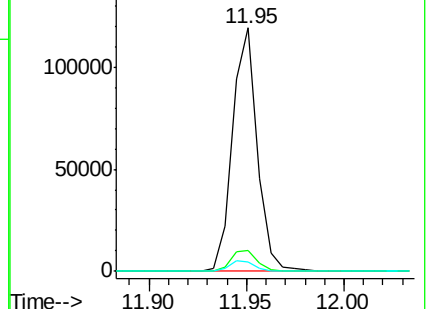
104 4.0 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 2.283 ng

RT: 12.62 min Scan# 1790

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

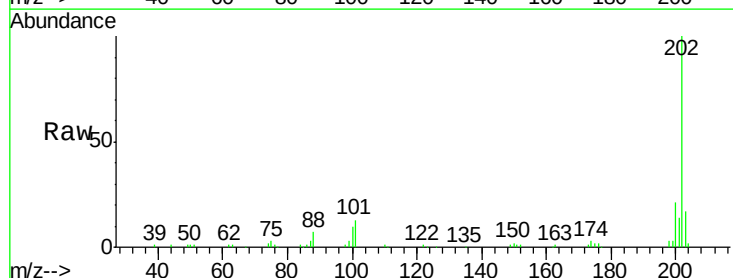
Tgt Ion:202 Resp: 83419

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.1

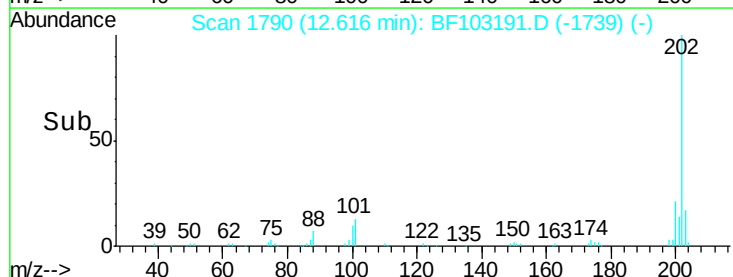
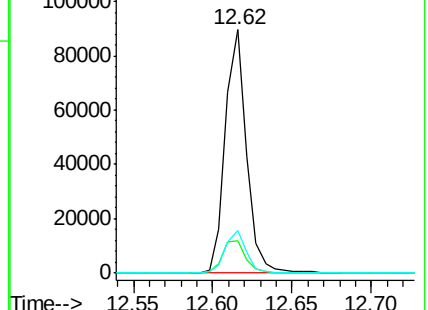
203 17.4 0.0 38.1



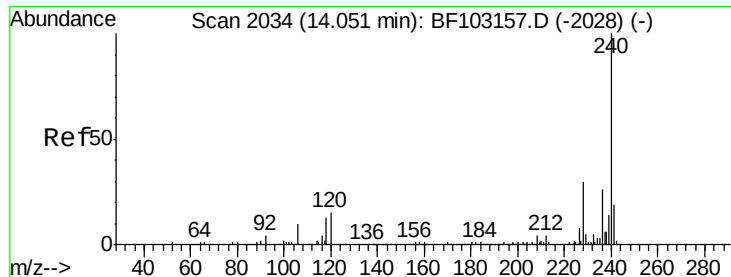
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E







#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

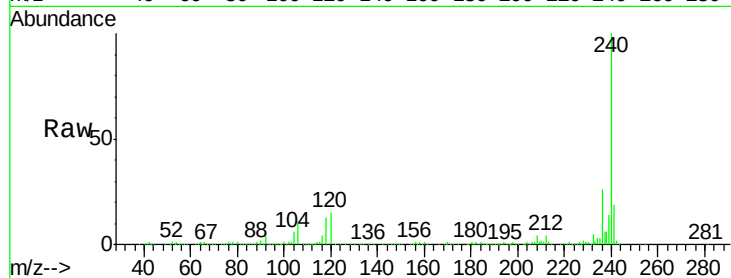
Tot Ion:240 Resp: 485704

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

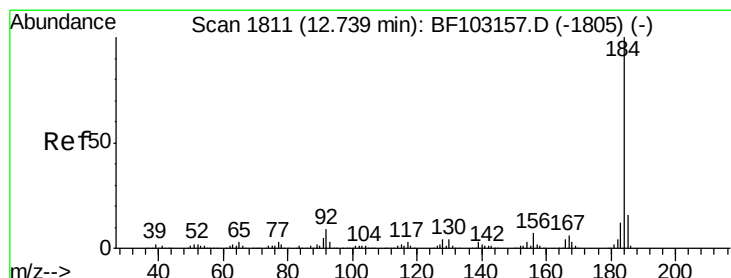
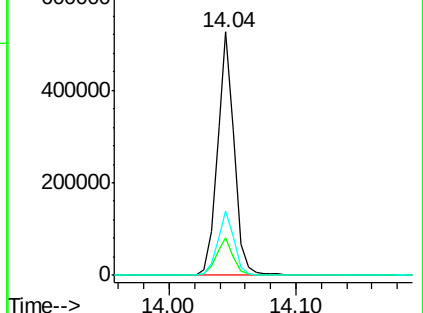
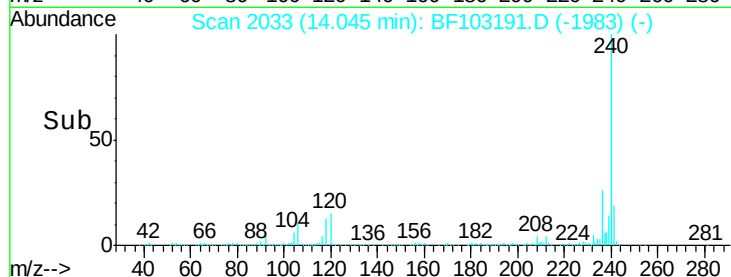
236 26.4 20.7 31.1



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



#76

Benzidine

Concen: 1.018 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

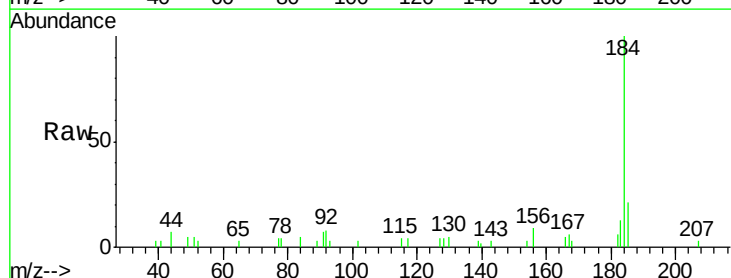
Tgt Ion:184 Resp: 18487

Ion Ratio Lower Upper

184 100

185 20.9 12.6 18.8#

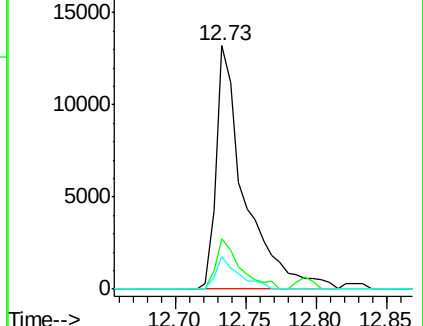
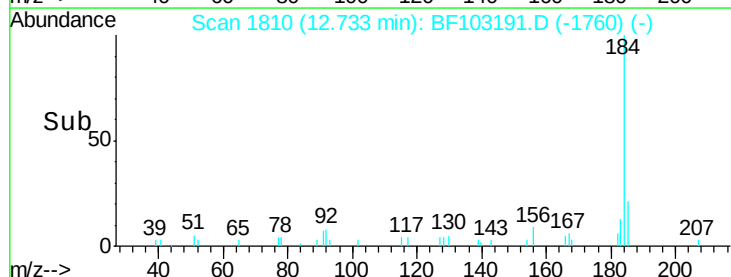
183 13.1 9.3 13.9

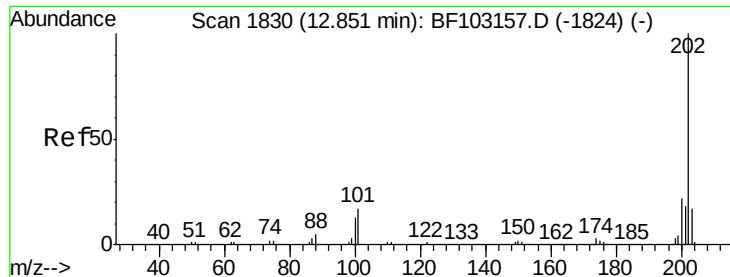


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

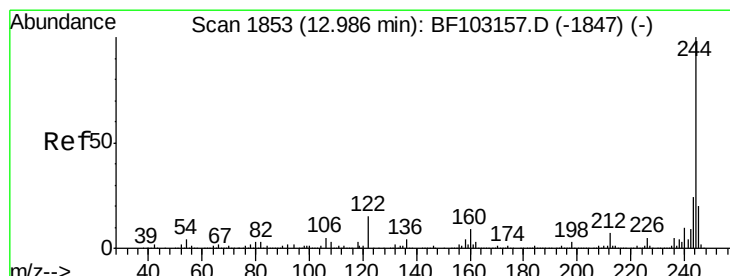
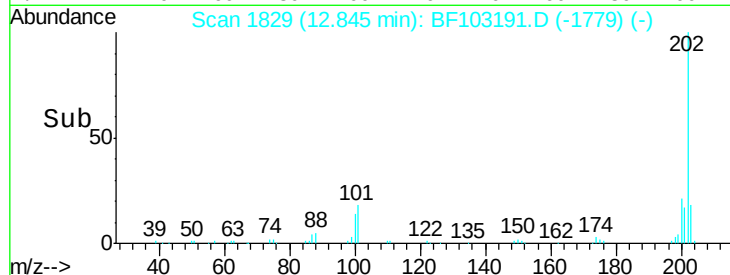
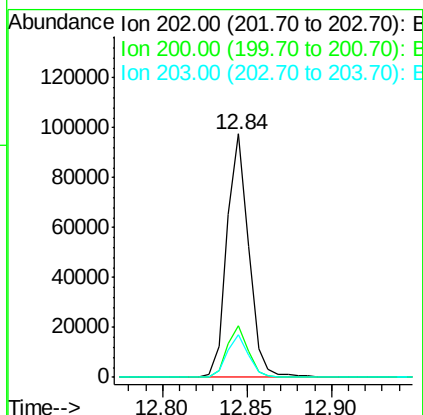
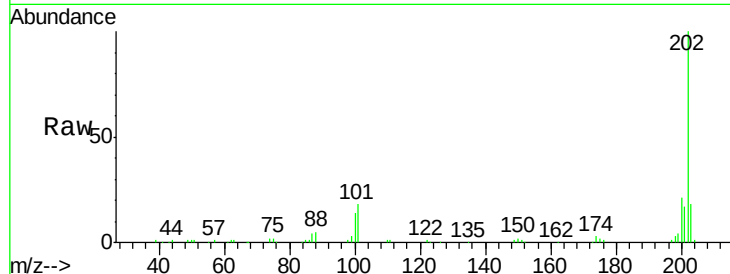




#77  
 Pvrene  
 Concen: 2.305 ng  
 RT: 12.84 min Scan# 1829  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

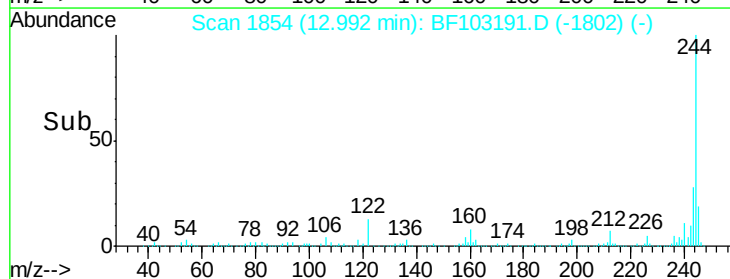
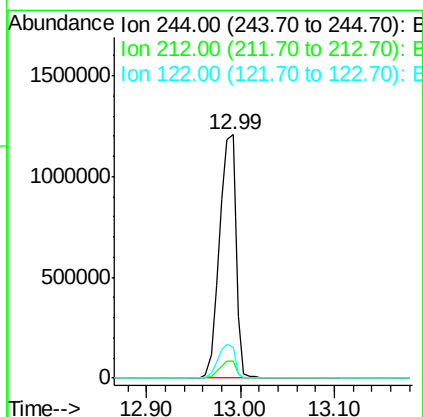
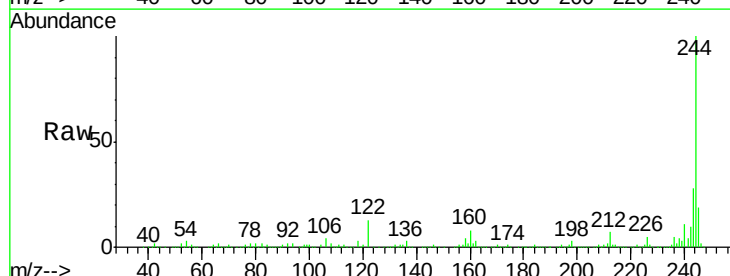
Instrument :  
 BNA\_F  
 ClientSampleId :

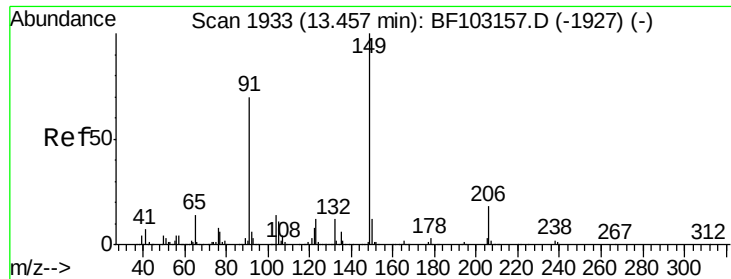
Tot Ion:202 Resp: 87282  
 Ion Ratio Lower Upper  
 202 100  
 200 21.4 17.4 26.2  
 203 17.6 14.3 21.5



#78  
 Terphenyl-d14  
 Concen: 73.960 ng  
 RT: 12.99 min Scan# 1854  
 Delta R.T. 0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:244 Resp: 1494371  
 Ion Ratio Lower Upper  
 244 100  
 212 7.0 5.4 8.0  
 122 12.7 11.0 16.4

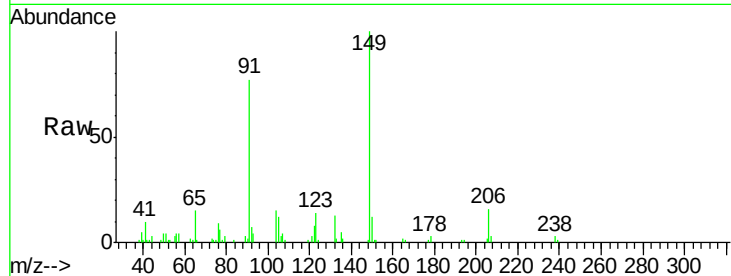




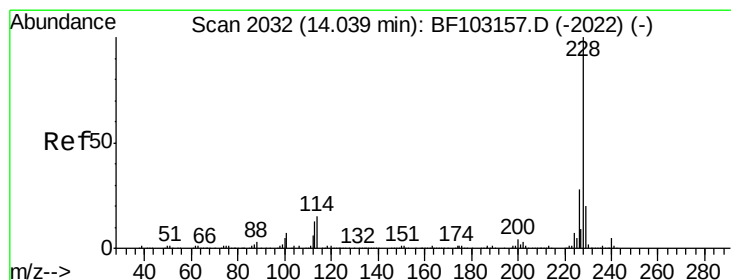
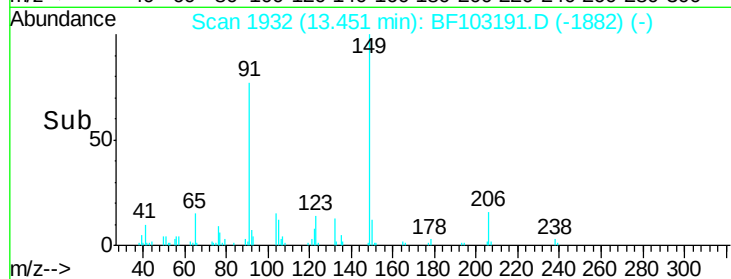
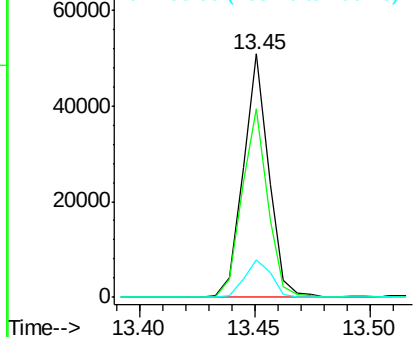
#79  
Butylbenzylphthalate  
Concen: 1.959 ng  
RT: 13.45 min Scan# 1932  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:149 Resp: 39194  
Ion Ratio Lower Upper  
149 100  
91 77.3 56.8 85.2  
206 15.7 14.1 21.1

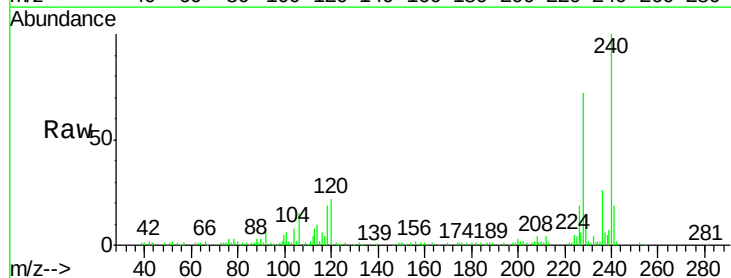


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BF1  
Ion 206.00 (205.70 to 206.70): E

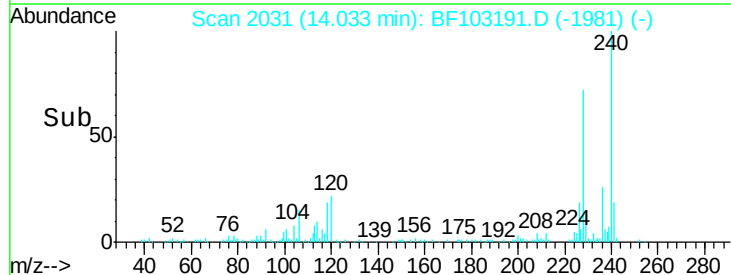
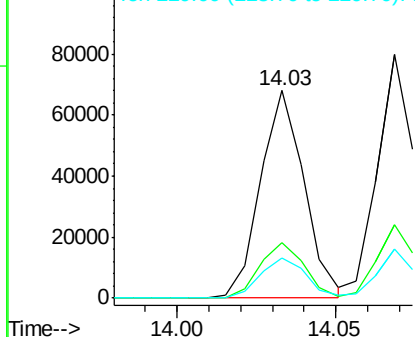


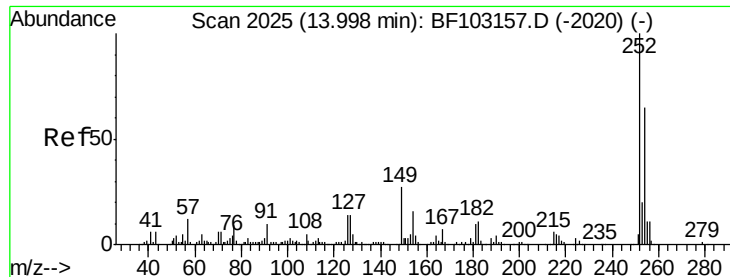
#80  
Benzo(a)anthracene  
Concen: 2.067 ng  
RT: 14.03 min Scan# 2031  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:228 Resp: 65146  
Ion Ratio Lower Upper  
228 100  
226 26.5 22.6 33.8  
229 19.2 15.8 23.6



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

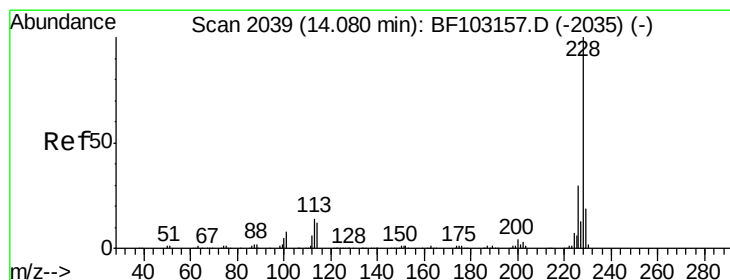
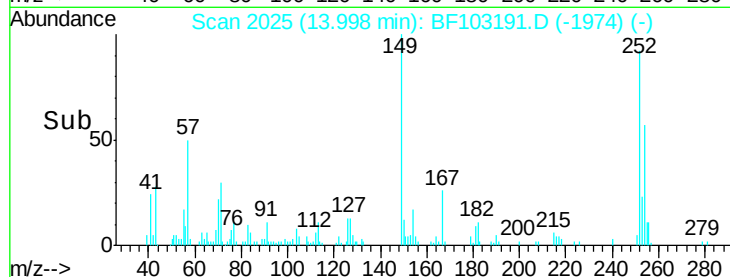
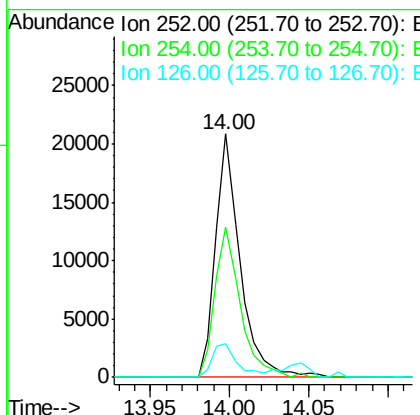
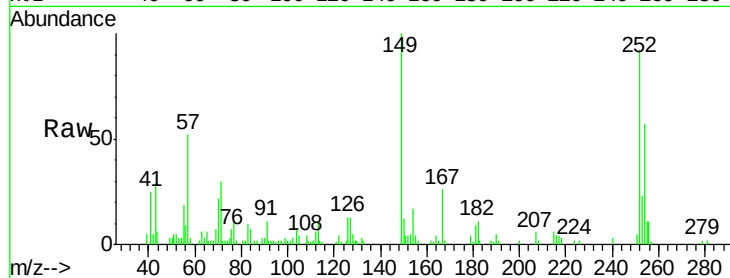




#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.008 ng  
 RT: 14.00 min Scan# 2025  
 Delta R.T. -0.00 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

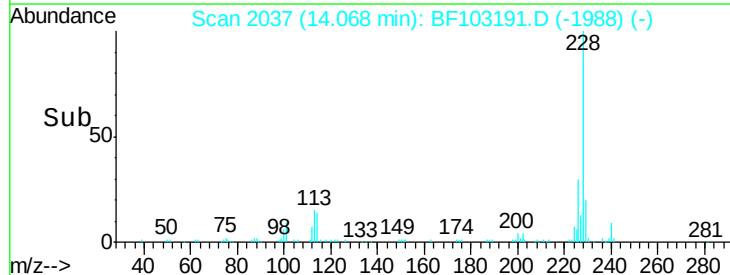
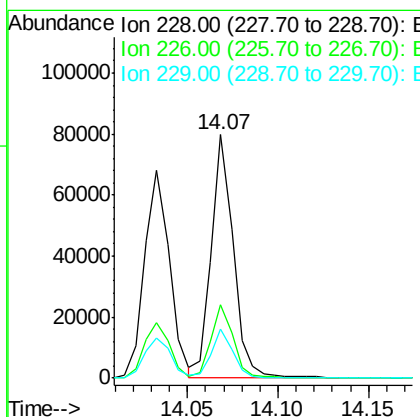
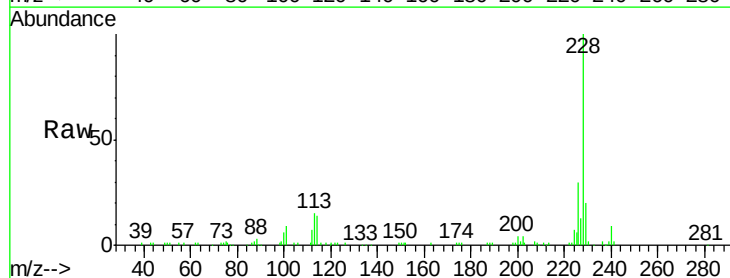
Instrument :  
 BNA\_F  
 ClientSampled :

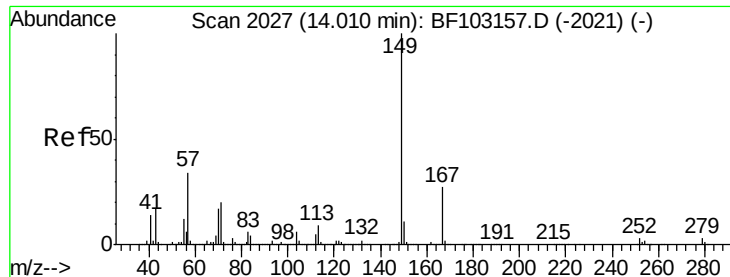
Tot Ion:252 Resp: 22580  
 Ion Ratio Lower Upper  
 252 100  
 254 61.7 50.4 75.6  
 126 13.6 11.3 16.9



#82  
 Chrysene  
 Concen: 2.226 ng  
 RT: 14.07 min Scan# 2037  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Tgt Ion:228 Resp: 68109  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 25.0 37.6  
 229 19.9 16.2 24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.128 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

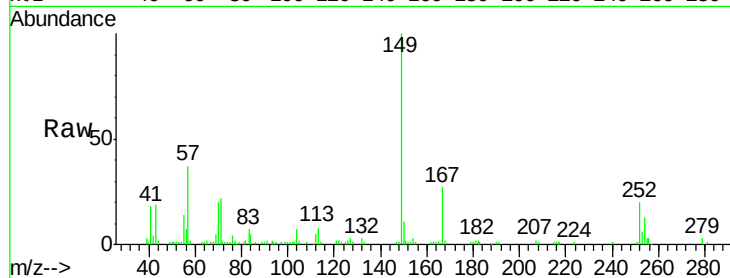
Tot Ion:149 Resp: 57444

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

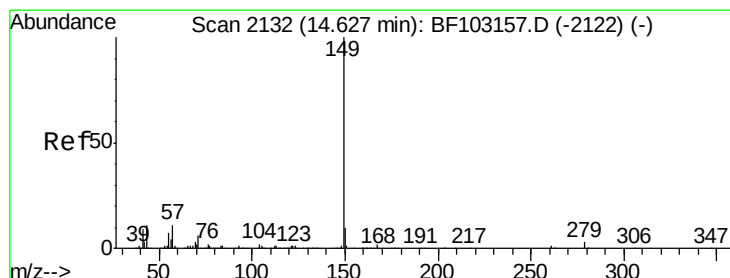
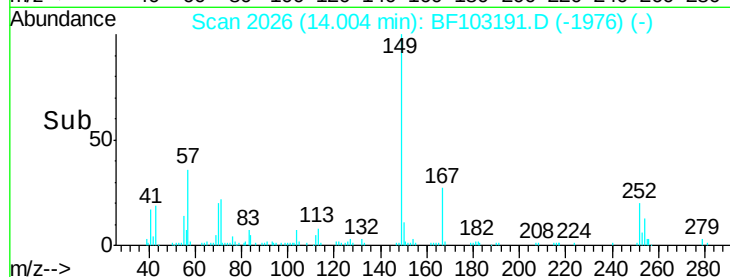
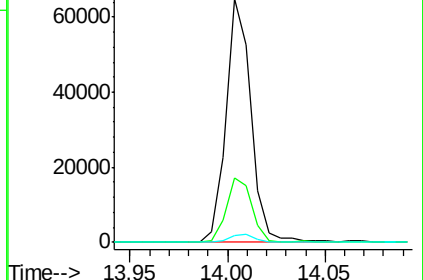
279 2.8 3.0 4.4#



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



#84

Di-n-octyl phthalate

Concen: 2.049 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.00 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

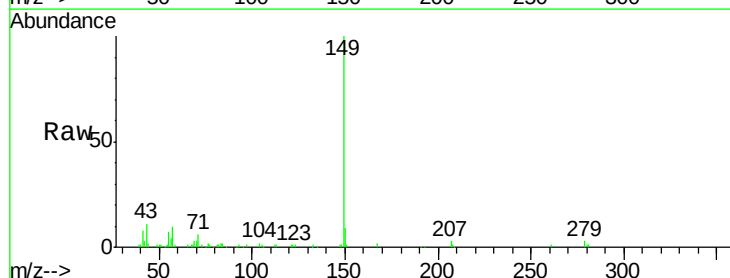
Tgt Ion:149 Resp: 89389

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

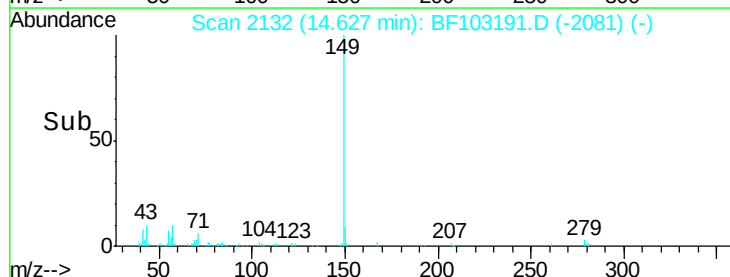
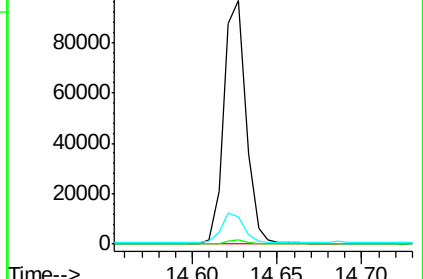
43 12.5 8.4 12.6

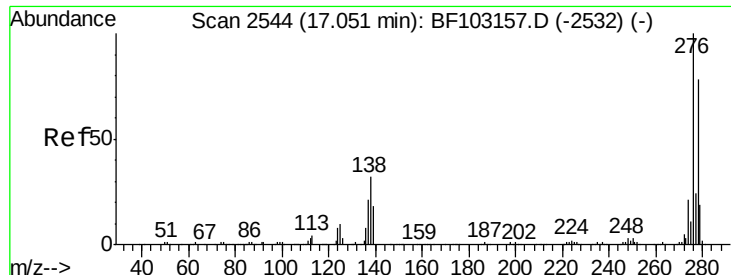


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

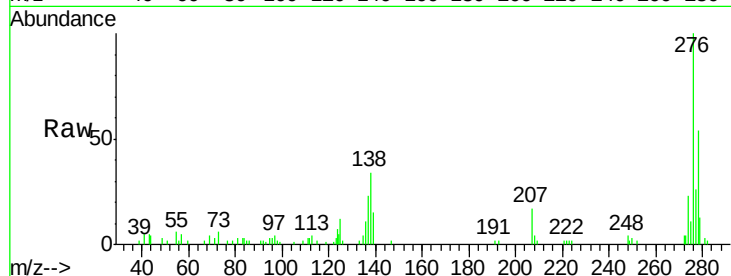




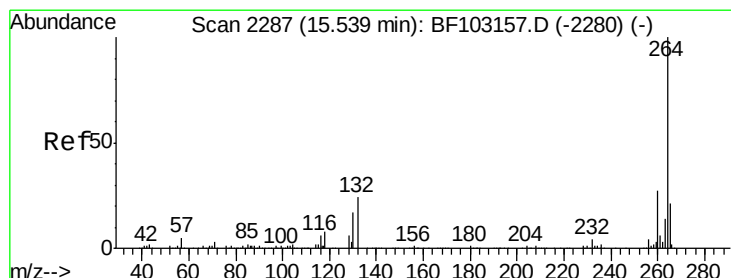
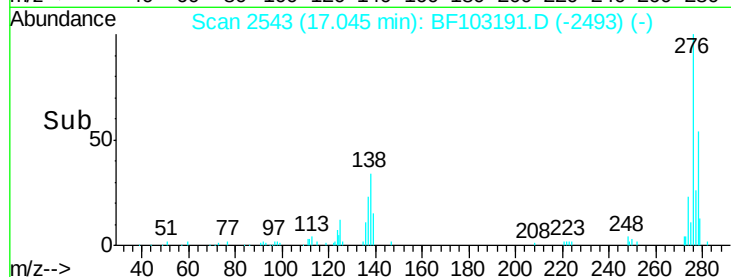
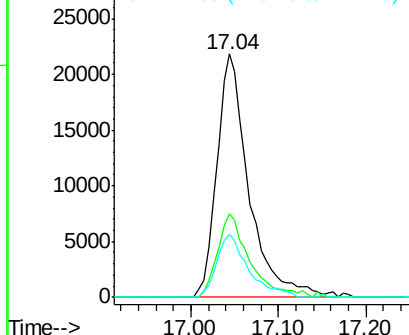
#85  
Indeno(1,2,3-cd)pyrene  
Concen: 2.264 ng  
RT: 17.04 min Scan# 2543  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:276 Resp: 54853  
Ion Ratio Lower Upper  
276 100  
138 34.5 25.0 37.6  
277 25.6 20.1 30.1

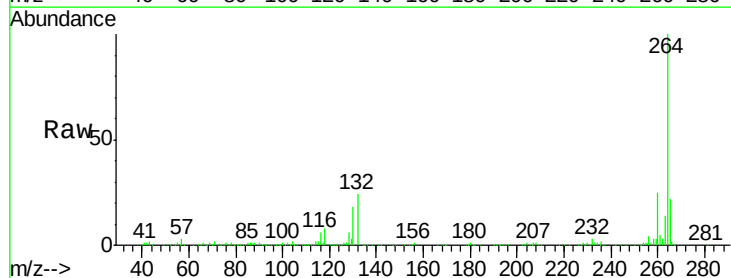


Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E

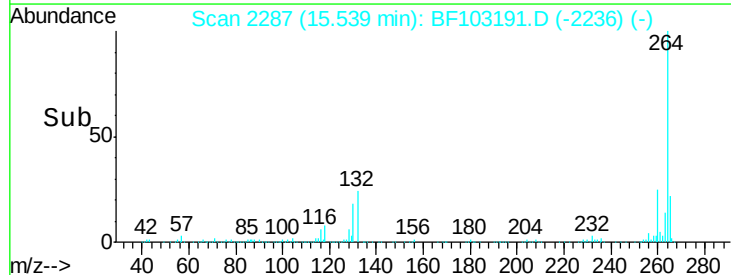
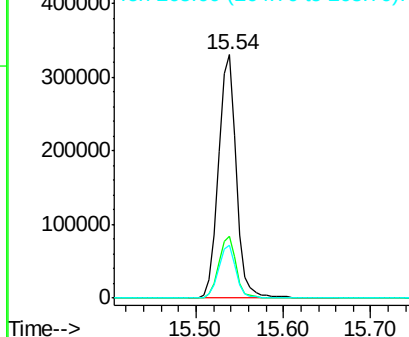


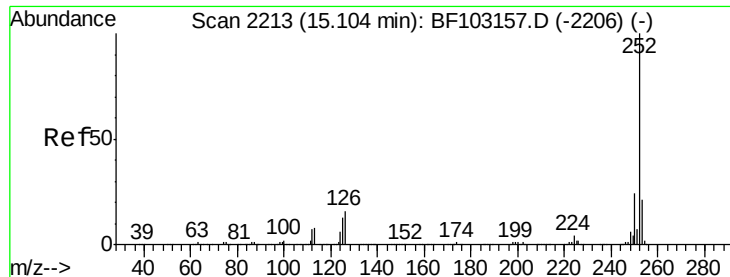
#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2287  
Delta R.T. -0.00 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:264 Resp: 469827  
Ion Ratio Lower Upper  
264 100  
260 25.4 19.2 28.8  
265 21.6 17.5 26.3



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

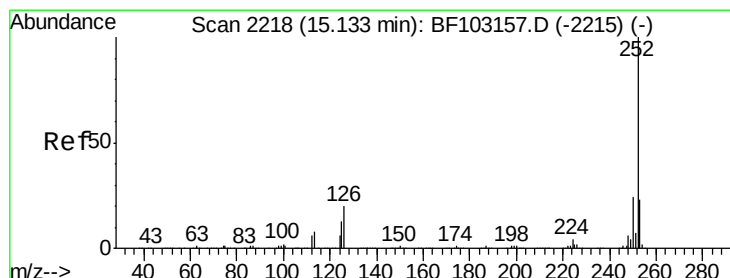
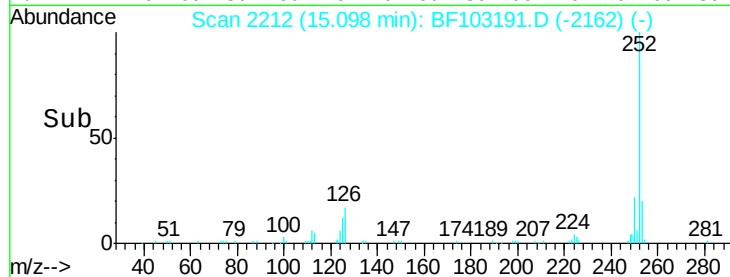
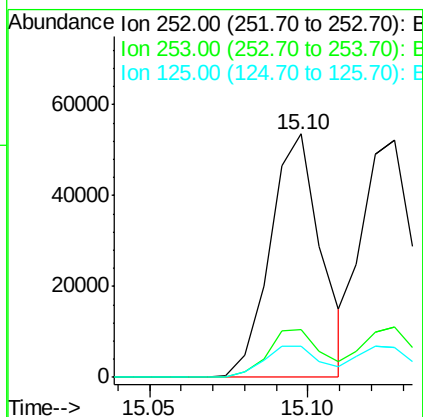
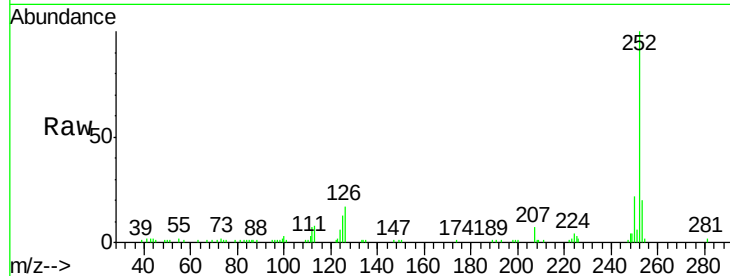




#87  
Benzo(b)fluoranthene  
Concen: 1.937 ng  
RT: 15.10 min Scan# 2212  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

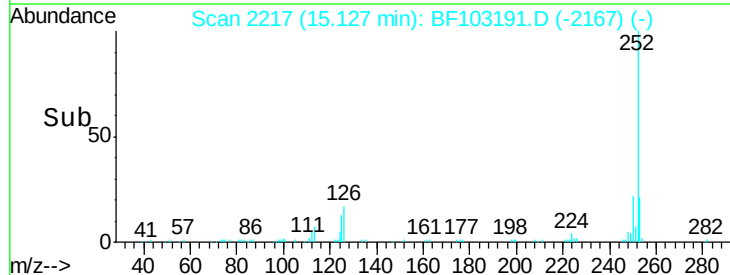
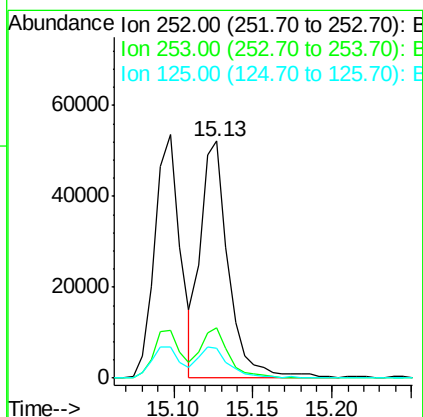
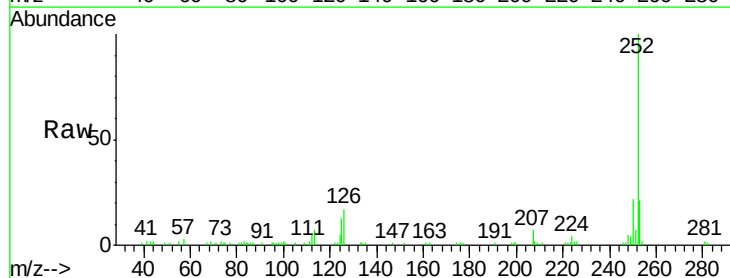
Instrument :  
BNA\_F  
ClientSampleId :

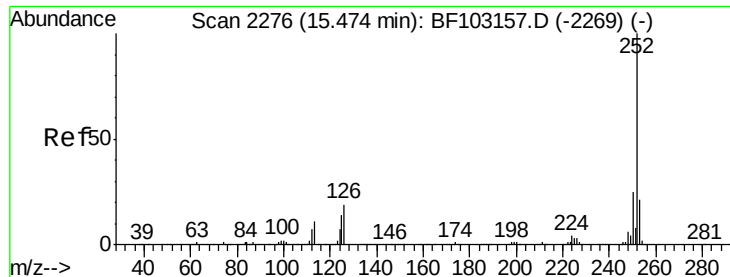
Tot Ion:252 Resp: 59845  
Ion Ratio Lower Upper  
252 100  
253 19.6 17.0 25.6  
125 12.6 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 2.217 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. -0.01 min  
Lab File: BF103191.D  
Acq: 23 Feb 2018 11:32

Tgt Ion:252 Resp: 64491  
Ion Ratio Lower Upper  
252 100  
253 21.3 17.9 26.9  
125 12.6 10.2 15.2





#89

Benzo(a)pyrene

Concen: 2.012 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

Instrument :

BNA\_F

ClientSampleId :

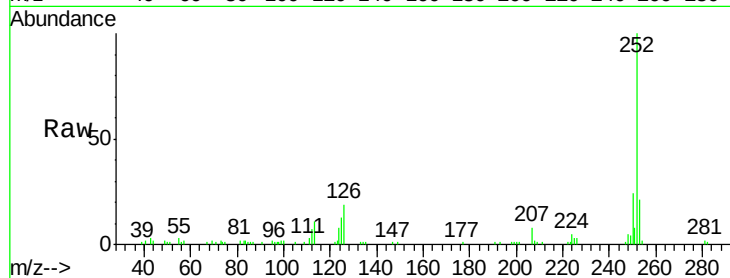
Tot Ion:252 Resp: 55494

Ion Ratio Lower Upper

252 100

253 21.4 17.1 25.7

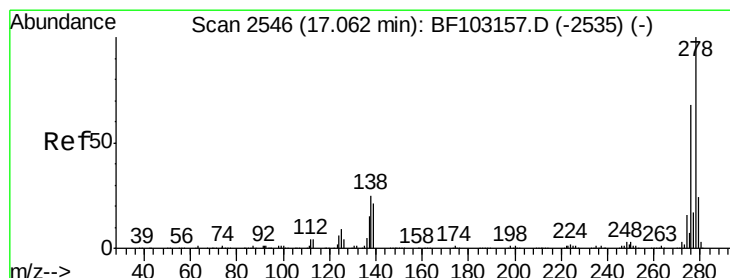
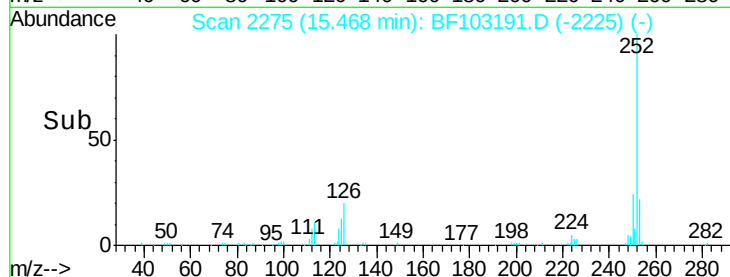
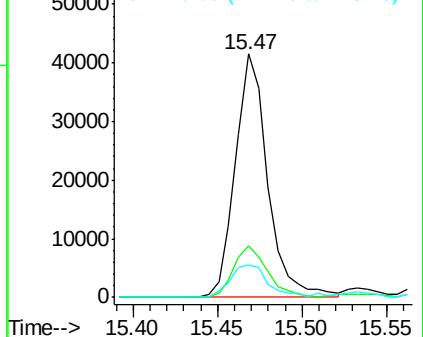
125 13.3 9.8 14.6



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



#90

Dibenzo(a,h)anthracene

Concen: 2.092 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF103191.D

Acq: 23 Feb 2018 11:32

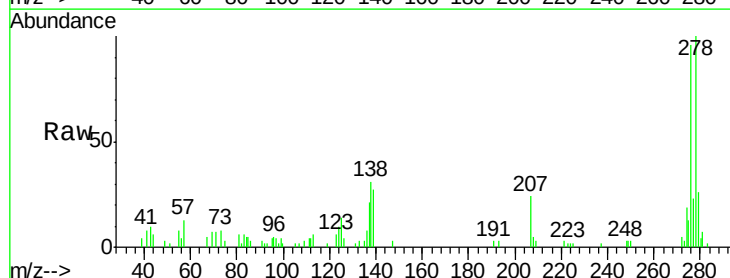
Tgt Ion:278 Resp: 44591

Ion Ratio Lower Upper

278 100

139 27.0 15.9 23.9#

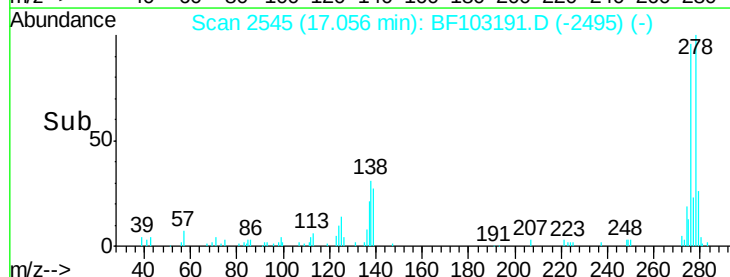
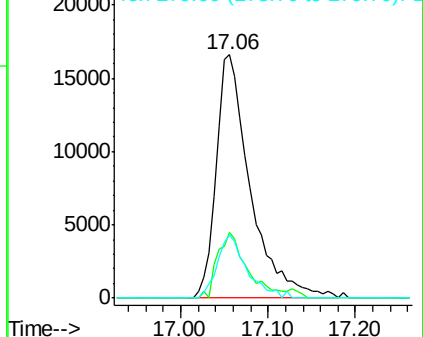
279 25.8 19.0 28.4



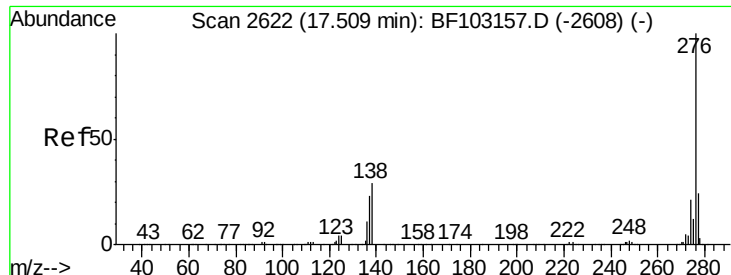
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E







#91  
 Benzo(a,h,i)perylene  
 Concen: 2.239 ng  
 RT: 17.50 min Scan# 2621  
 Delta R.T. -0.01 min  
 Lab File: BF103191.D  
 Acq: 23 Feb 2018 11:32

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 24.4  | 17.9  | 26.9  |
| 138     | 33.0  | 21.8  | 32.8  |

