

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021918\  
 Data File : BF103075.D  
 Acq On : 19 Feb 2018 12:06  
 Operator : SJ/JU  
 Sample : J1399-06MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 19 16:13:14 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.88  | 152  | 171823   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.16  | 136  | 721140   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.92  | 164  | 323754   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.41 | 188  | 566819   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.06 | 240  | 381170   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 15.54 | 264  | 346938   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.52  | 112 | 1235241 | 109.18 | ng | 0.03 |
| 7) Phenol-d6             | 6.52  | 99  | 1393831 | 102.32 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 7.45  | 82  | 1055134 | 101.50 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.72 | 330 | 357996  | 137.38 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.24  | 172 | 1657954 | 84.98  | ng | 0.00 |
| 78) Terphenyl-d14        | 13.00 | 244 | 1570754 | 97.57  | ng | 0.00 |

## Target Compounds

|                                |      |     |         |        |    | Qvalue |
|--------------------------------|------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 2.83 | 88  | 203688  | 36.449 | ng | # 72   |
| 3) Pyridine                    | 3.56 | 79  | 266958  | 17.291 | ng | 95     |
| 4) n-Nitrosodimethylamine      | 3.50 | 42  | 278422  | 42.148 | ng | 98     |
| 6) Aniline                     | 6.55 | 93  | 273380  | 13.589 | ng | 89     |
| 8) 2-Chlorophenol              | 6.67 | 128 | 509045  | 43.703 | ng | 99     |
| 9) Benzaldehyde                | 6.43 | 77  | 25905   | 2.561  | ng | 94     |
| 10) Phenol                     | 6.53 | 94  | 553171  | 37.890 | ng | 96     |
| 11) bis(2-Chloroethyl)ether    | 6.62 | 93  | 522884  | 43.041 | ng | 91     |
| 12) 1,3-Dichlorobenzene        | 6.82 | 146 | 528414  | 39.175 | ng | 99     |
| 13) 1,4-Dichlorobenzene        | 6.90 | 146 | 533151  | 39.680 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 7.05 | 146 | 495117  | 39.562 | ng | 100    |
| 15) Benzyl Alcohol             | 7.02 | 79  | 444701  | 42.459 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.15 | 45  | 906525  | 39.282 | ng | 97     |
| 17) 2-Methylphenol             | 7.13 | 107 | 441765  | 41.117 | ng | 99     |
| 18) Hexachloroethane           | 7.39 | 117 | 198949  | 43.179 | ng | 97     |
| 19) n-Nitroso-di-n-propylamine | 7.30 | 70  | 347958  | 38.740 | ng | 97     |
| 20) 3+4-Methylphenols          | 7.29 | 107 | 486258  | 36.700 | ng | # 66   |
| 22) Acetophenone               | 7.29 | 105 | 684546  | 38.791 | ng | # 91   |
| 24) Nitrobenzene               | 7.47 | 77  | 572484  | 46.820 | ng | 96     |
| 25) Isophorone                 | 7.70 | 82  | 1072328 | 44.798 | ng | 100    |
| 26) 2-Nitrophenol              | 7.78 | 139 | 299396  | 57.504 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 7.82 | 122 | 480575  | 47.521 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 7.91 | 93  | 666167  | 46.979 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 8.02 | 162 | 431250  | 46.909 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 8.10 | 180 | 425205  | 40.884 | ng | 100    |
| 31) Naphthalene                | 8.19 | 128 | 1470555 | 41.738 | ng | 100    |
| 32) Benzoic acid               | 7.95 | 122 | 303436  | 44.005 | ng | 96     |
| 33) 4-Chloroaniline            | 8.23 | 127 | 80590   | 5.310  | ng | 99     |
| 34) Hexachlorobutadiene        | 8.30 | 225 | 214518  | 40.252 | ng | 99     |
| 35) Caprolactam                | 8.61 | 113 | 82445   | 25.823 | ng | # 79   |
| 36) 4-Chloro-3-methylphenol    | 8.72 | 107 | 488235  | 47.266 | ng | 98     |
| 37) 2-Methylnaphthalene        | 8.87 | 142 | 996313  | 43.191 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.05 | 216 | 377458  | 42.819 | ng | 98     |
| 40) Hexachlorocyclopentadiene  | 9.03 | 237 | 305752  | 72.962 | ng | 98     |

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 ALS Vial : 8 Sample Multiplier: 1

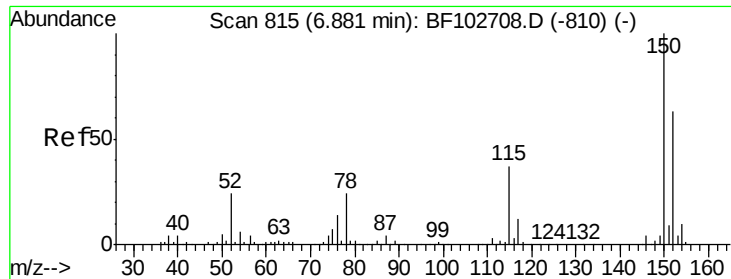
Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Feb 19 16:13:14 2018  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Feb 16 14:34:49 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 9.16  | 196  | 281525   | 48.622  | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 9.20  | 196  | 303880   | 46.565  | ng    | 99       |
| 45) 1,1'-Biphenyl              | 9.34  | 154  | 1142139  | 41.884  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 9.37  | 162  | 918868   | 42.802  | ng    | 98       |
| 47) 2-Nitroaniline             | 9.46  | 65   | 344370   | 51.696  | ng    | 88       |
| 48) Acenaphthylene             | 9.79  | 152  | 1386163  | 41.572  | ng    | 99       |
| 49) Dimethylphthalate          | 9.64  | 163  | 1141933  | 45.236  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 9.70  | 165  | 253996   | 52.886  | ng    | 93       |
| 51) Acenaphthene               | 9.96  | 154  | 798620   | 40.050  | ng    | 99       |
| 52) 3-Nitroaniline             | 9.87  | 138  | 85433    | 14.457  | ng    | 94       |
| 53) 2,4-Dinitrophenol          | 9.99  | 184  | 198839   | 102.651 | ng    | # 21     |
| 54) Dibenzofuran               | 10.13 | 168  | 1226282  | 43.638  | ng    | 97       |
| 55) 4-Nitrophenol              | 10.05 | 139  | 369343   | 76.253  | ng    | 96       |
| 56) 2,4-Dinitrotoluene         | 10.12 | 165  | 323738   | 50.116  | ng    | 95       |
| 57) Fluorene                   | 10.47 | 166  | 933461   | 45.655  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.25 | 232  | 228611   | 50.543  | ng    | 98       |
| 59) Diethylphthalate           | 10.34 | 149  | 1081200  | 43.377  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.46 | 204  | 418865   | 46.311  | ng    | 99       |
| 61) 4-Nitroaniline             | 10.50 | 138  | 287921   | 51.187  | ng    | 91       |
| 62) Azobenzene                 | 10.62 | 77   | 1082528  | 43.473  | ng    | 96       |
| 64) 4,6-Dinitro-2-methylphenol | 10.53 | 198  | 143170   | 57.050  | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 10.58 | 169  | 843414   | 42.185  | ng    | 100      |
| 66) 4-Bromophenyl-phenylether  | 10.95 | 248  | 267706   | 44.648  | ng    | 91       |
| 67) Hexachlorobenzene          | 11.02 | 284  | 281140   | 42.503  | ng    | 92       |
| 68) Atrazine                   | 11.10 | 200  | 239152   | 40.546  | ng    | 97       |
| 69) Pentachlorophenol          | 11.22 | 266  | 277477   | 71.461  | ng    | 98       |
| 70) Phenanthrene               | 11.44 | 178  | 1328923  | 42.097  | ng    | 99       |
| 71) Anthracene                 | 11.49 | 178  | 1388806  | 43.255  | ng    | 100      |
| 72) Carbazole                  | 11.65 | 167  | 1330094  | 42.285  | ng    | 99       |
| 73) Di-n-butylphthalate        | 11.96 | 149  | 1677854  | 43.911  | ng    | 99       |
| 74) Fluoranthene               | 12.63 | 202  | 1357752  | 42.749  | ng    | 99       |
| 76) Benzidine                  | 12.74 | 184  | 142897   | 8.157   | ng    | 99       |
| 77) Pyrene                     | 12.86 | 202  | 1381599  | 46.223  | ng    | 100      |
| 79) Butylbenzylphthalate       | 13.46 | 149  | 713602   | 49.871  | ng    | 100      |
| 80) Benzo(a)anthracene         | 14.04 | 228  | 1135716  | 47.377  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.00 | 252  | 191205   | 21.512  | ng    | 98       |
| 82) Chrysene                   | 14.09 | 228  | 1069927  | 44.276  | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 14.02 | 149  | 957998   | 52.321  | ng    | 100      |
| 84) Di-n-octyl phthalate       | 14.64 | 149  | 1514587  | 55.090  | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 1032376  | 51.511  | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 15.11 | 252  | 1051433  | 46.744  | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 15.14 | 252  | 915107   | 42.579  | ng    | 99       |
| 89) Benzo(a)pyrene             | 15.49 | 252  | 938958   | 46.376  | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 17.09 | 278  | 849641   | 51.701  | ng    | 100      |
| 91) Benzo(g,h,i)perylene       | 17.53 | 276  | 919863   | 57.187  | ng    | 99       |

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



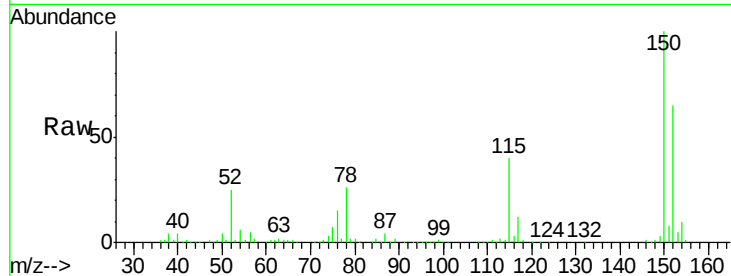


#1

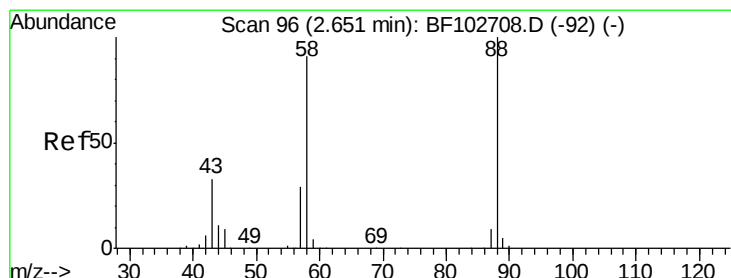
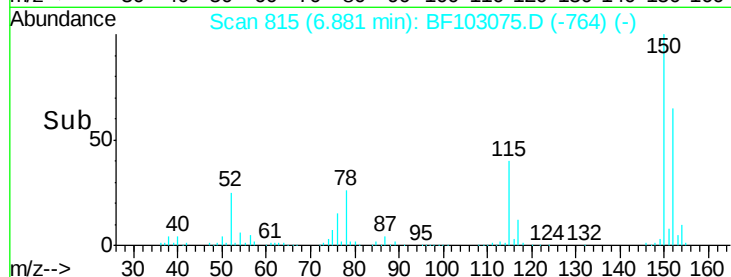
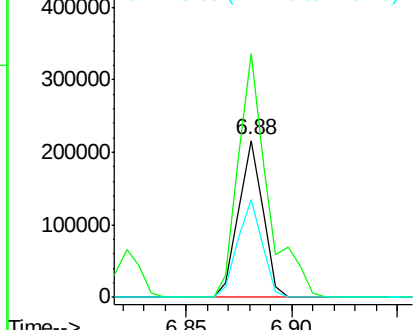
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.88 min Scan# 815  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:152 Resp: 171823  
Ion Ratio Lower Upper  
152 100  
150 155.0 124.6 186.8  
115 62.1 50.1 75.1



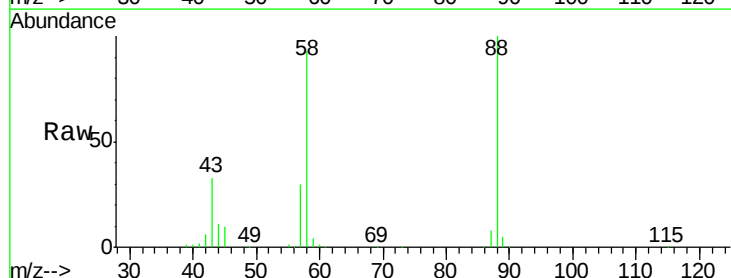
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



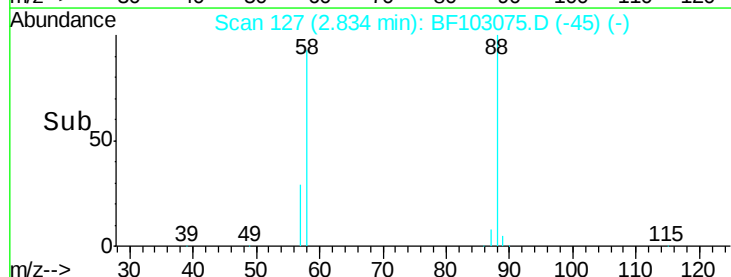
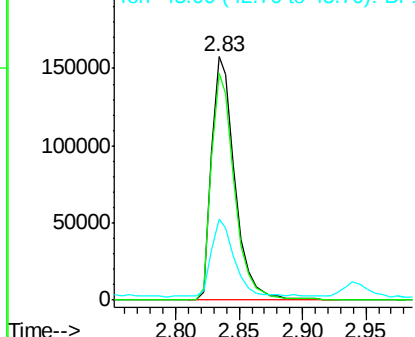
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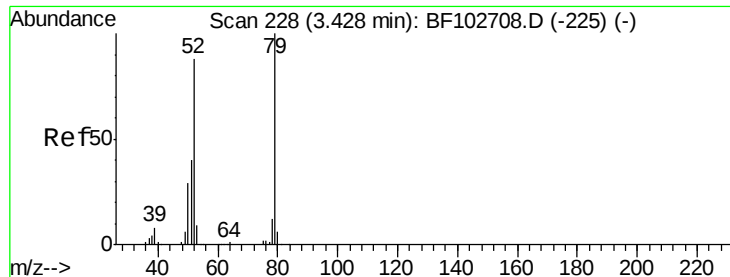
1,4-Dioxane  
Concen: 36.449 ng  
RT: 2.83 min Scan# 127  
Delta R.T. 0.18 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion: 88 Resp: 203688  
Ion Ratio Lower Upper  
88 100  
58 93.3 62.6 93.8  
43 0.0 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: 17.291 ng

RT: 3.56 min Scan# 251

Delta R.T. 0.14 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

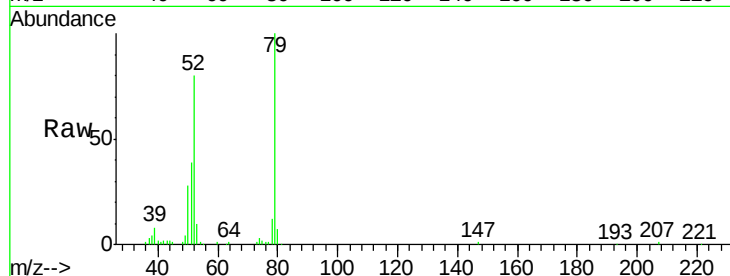
Tot Ion: 79 Resp: 266958

Ion Ratio Lower Upper

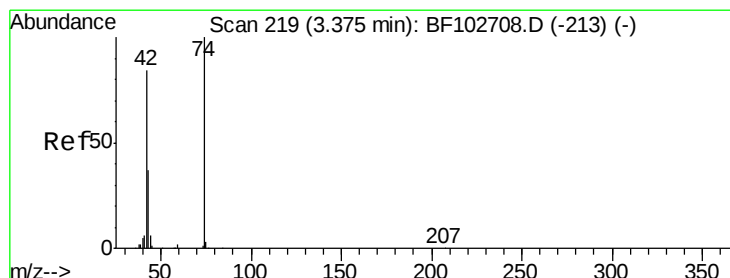
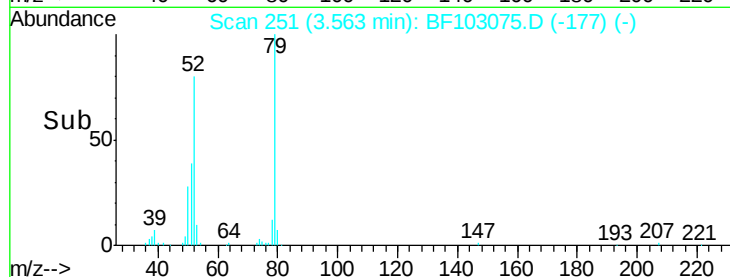
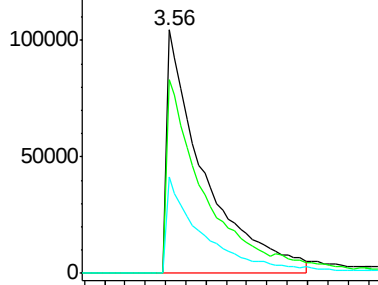
79 100

52 79.8 59.8 89.6

51 39.4 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF1  
Ion 52.00 (51.70 to 52.70): BF1  
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 42.148 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.11 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

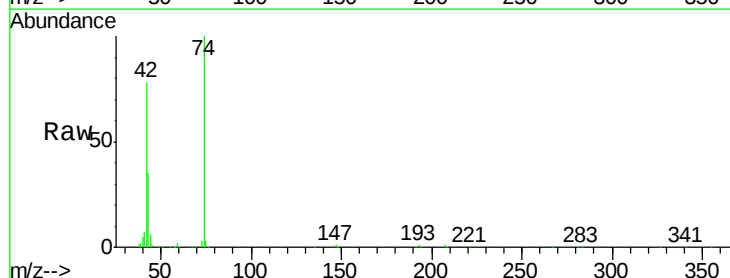
Tgt Ion: 42 Resp: 278422

Ion Ratio Lower Upper

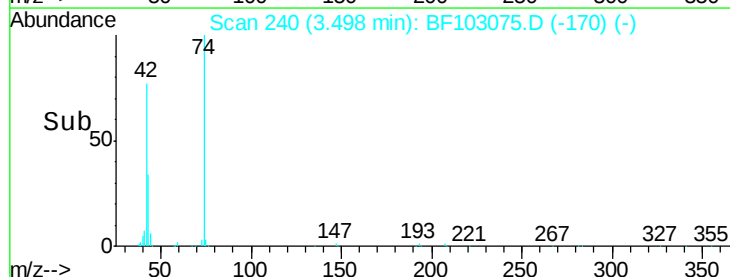
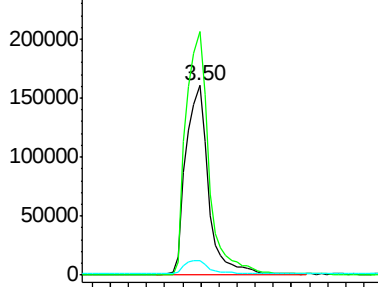
42 100

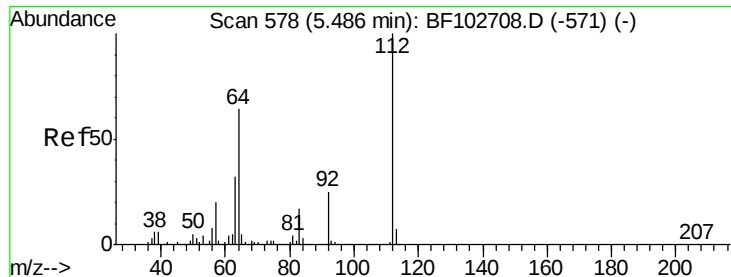
74 128.7 104.9 157.3

44 8.0 6.9 10.3



Abundance Ion 42.00 (41.70 to 42.70): BF1  
Ion 74.00 (73.70 to 74.70): BF1  
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 109.177 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.03 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

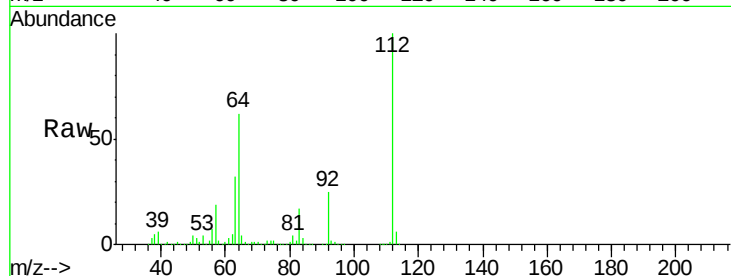
Tot Ion:112 Resp: 1235241

Ion Ratio Lower Upper

112 100

64 62.4 47.9 71.9

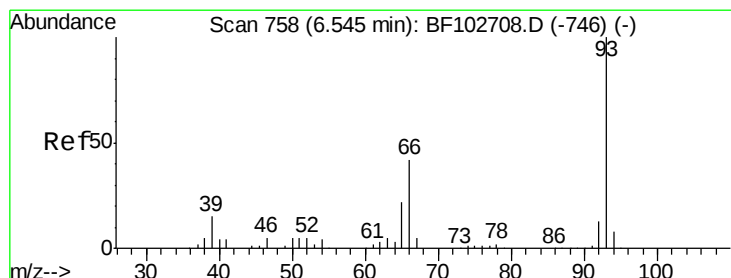
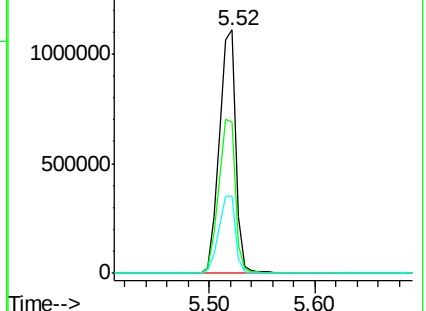
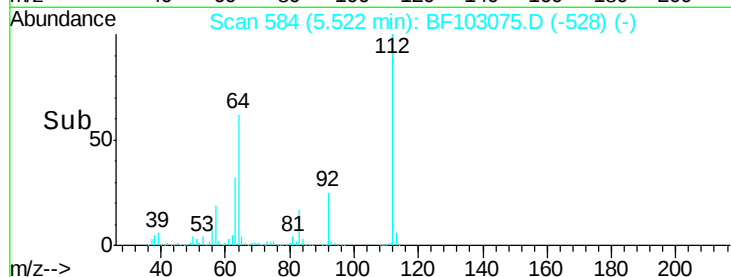
63 31.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 13.589 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

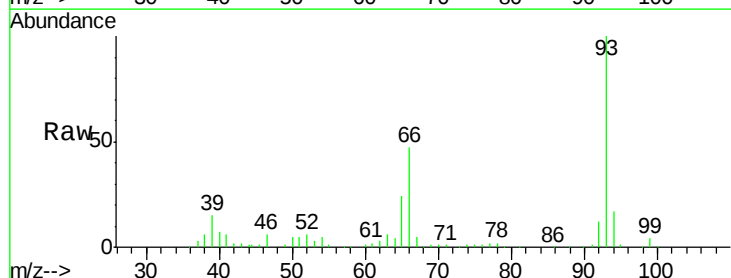
Tgt Ion: 93 Resp: 273380

Ion Ratio Lower Upper

93 100

66 47.4 32.2 48.2

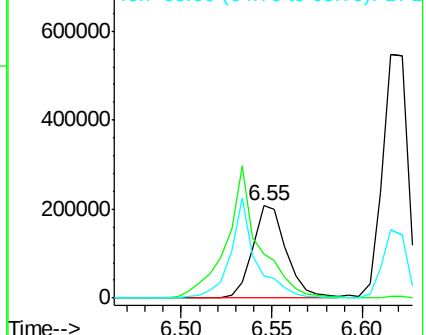
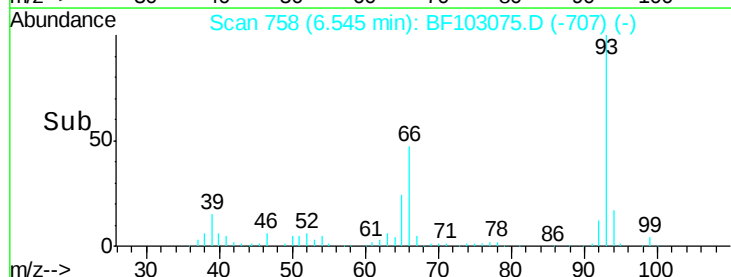
65 24.4 16.4 24.6

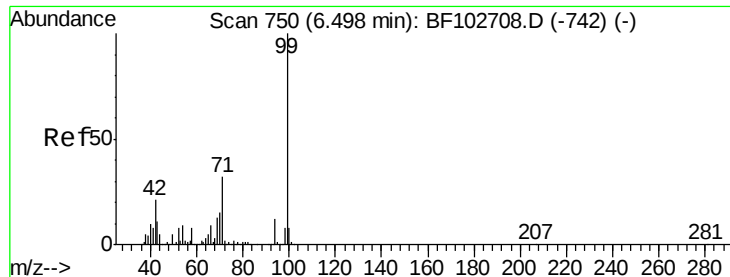


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 102.315 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

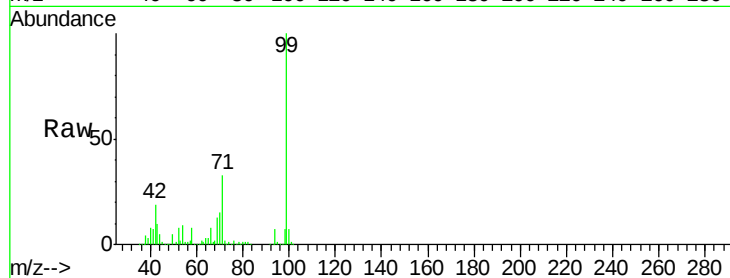
Tot Ion: 99 Resp: 1393831

Ion Ratio Lower Upper

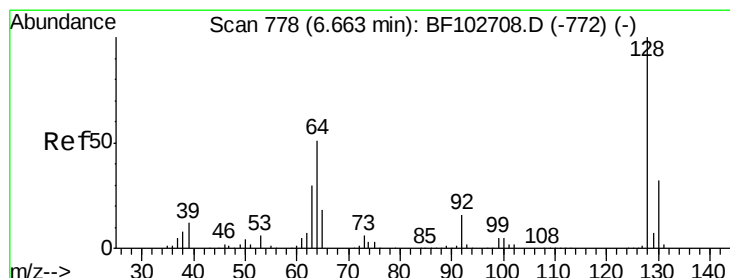
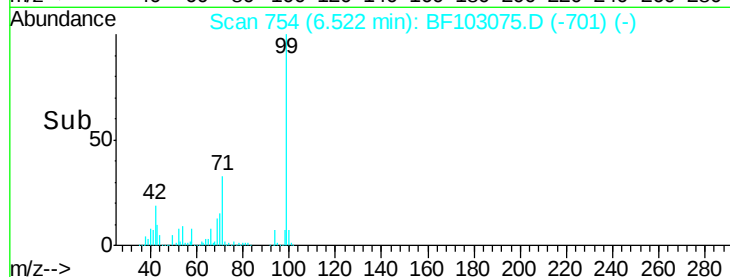
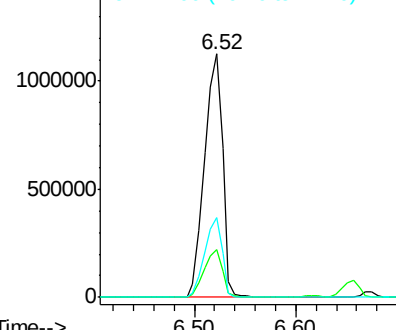
99 100

42 19.5 14.5 21.7

71 32.8 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



#8

2-Chlorophenol

Concen: 43.703 ng

RT: 6.67 min Scan# 780

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

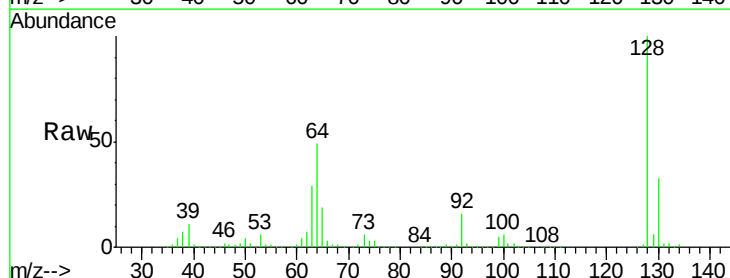
Tgt Ion: 128 Resp: 509045

Ion Ratio Lower Upper

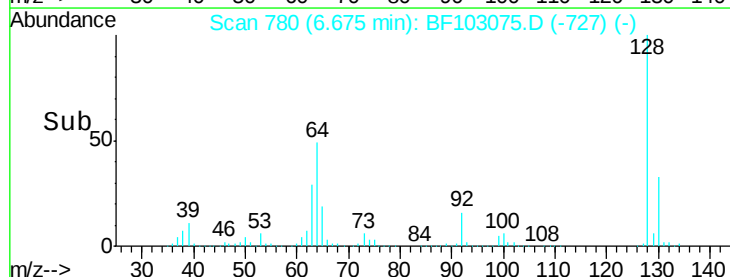
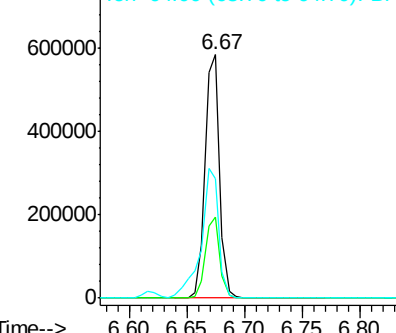
128 100

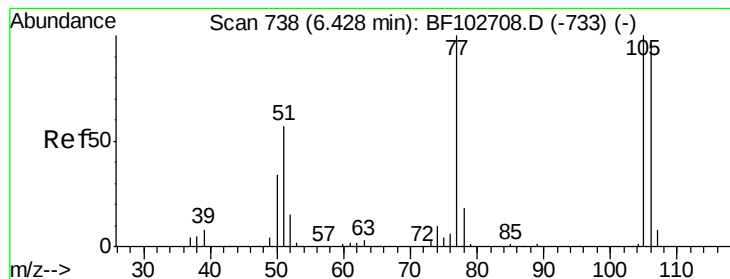
130 33.4 13.0 53.0

64 48.9 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





#9

Benzaldehyde

Concen: 2.561 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

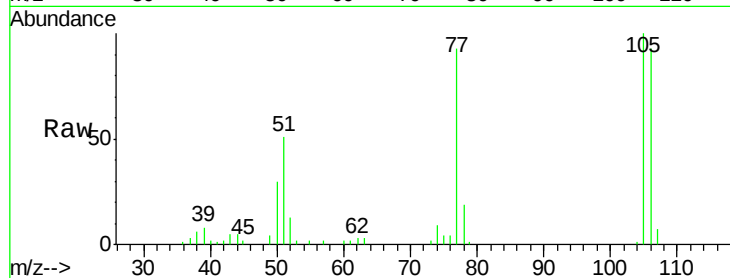
Tot Ion: 77 Resp: 25905

Ion Ratio Lower Upper

77 100

105 107.9 81.1 121.1

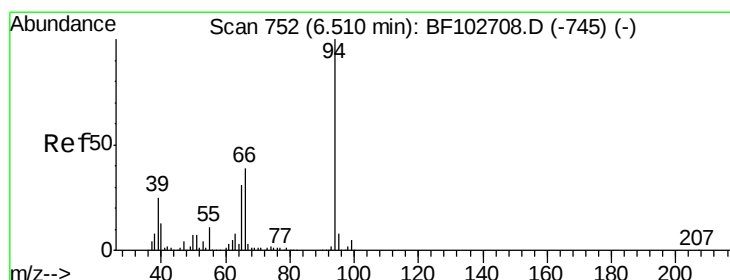
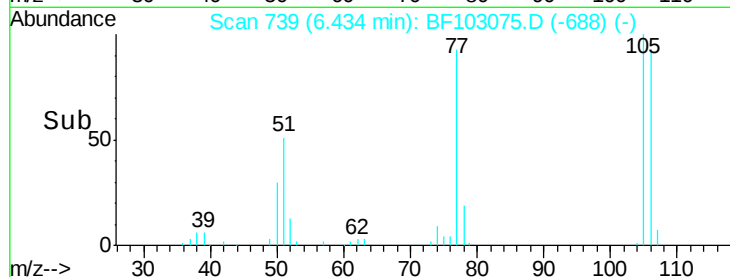
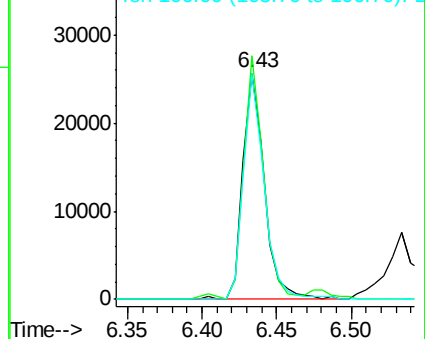
106 100.1 74.5 114.5



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: 37.890 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

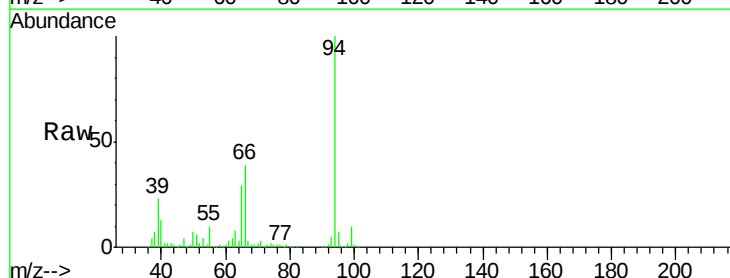
Tgt Ion: 94 Resp: 553171

Ion Ratio Lower Upper

94 100

65 29.4 7.9 47.9

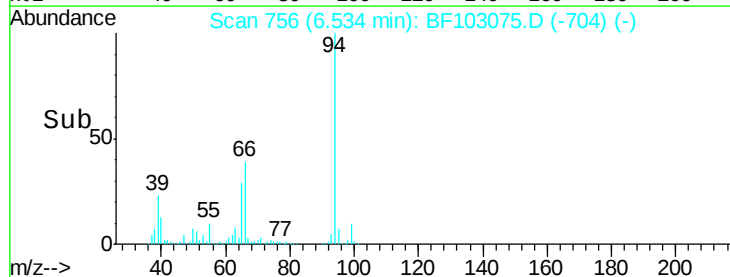
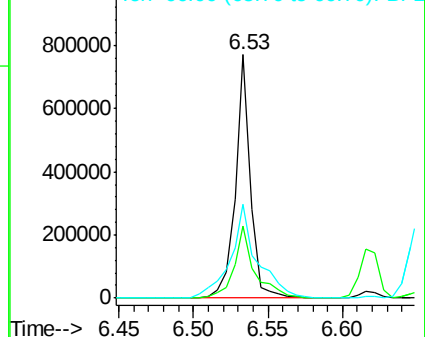
66 38.7 16.2 56.2

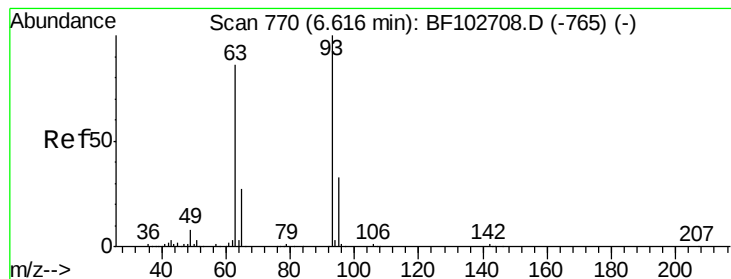


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

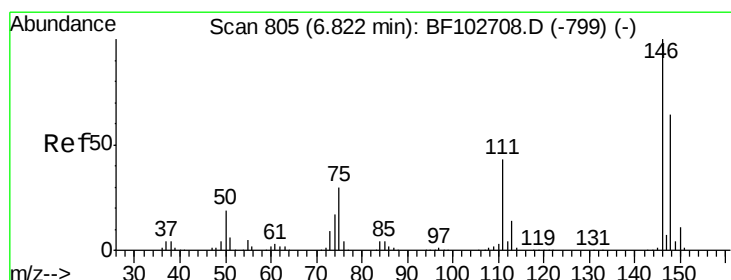
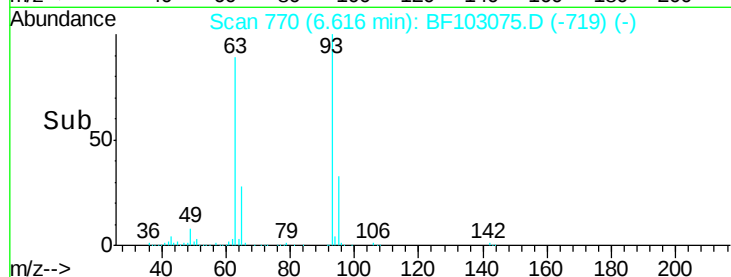
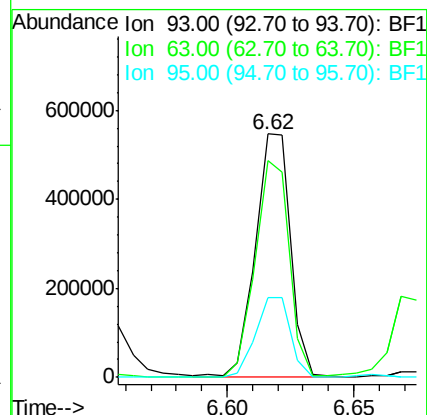
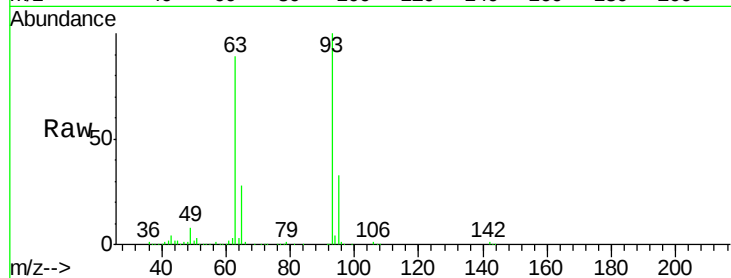




#11  
bis(2-Chloroethyl)ether  
Concen: 43.041 ng  
RT: 6.62 min Scan# 770  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

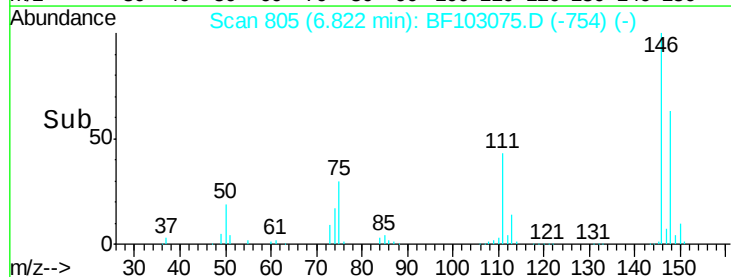
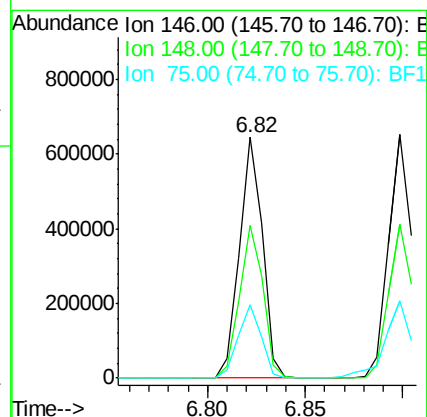
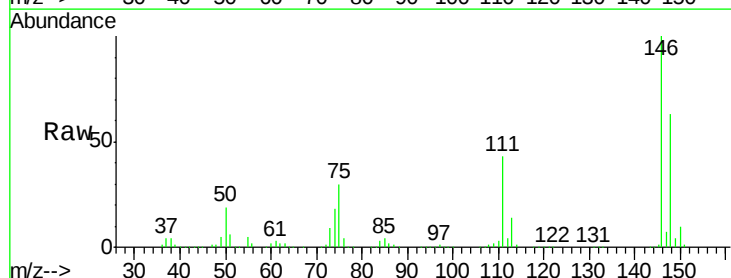
Instrument :  
BNA\_F  
ClientSampleId :

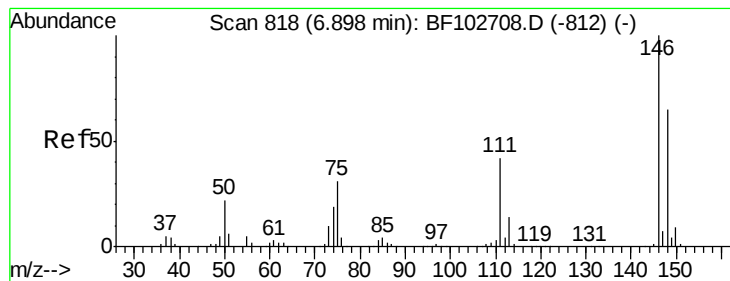
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 89.0  | 58.6  | 98.6  |
| 95      | 32.7  | 11.8  | 51.8  |



#12  
1,3-Dichlorobenzene  
Concen: 39.175 ng  
RT: 6.82 min Scan# 805  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.2  | 51.8  | 77.8  |
| 75      | 30.5  | 24.2  | 36.4  |





#13

1,4-Dichlorobenzene

Concen: 39.680 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

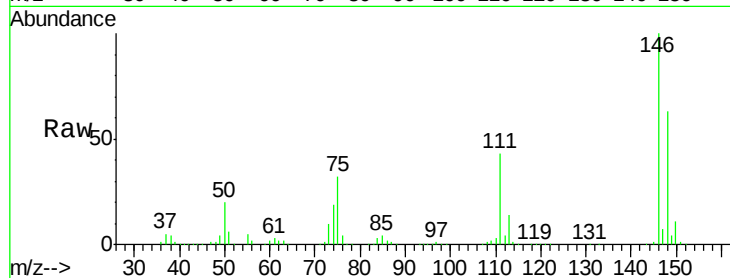
Tot Ion:146 Resp: 533151

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

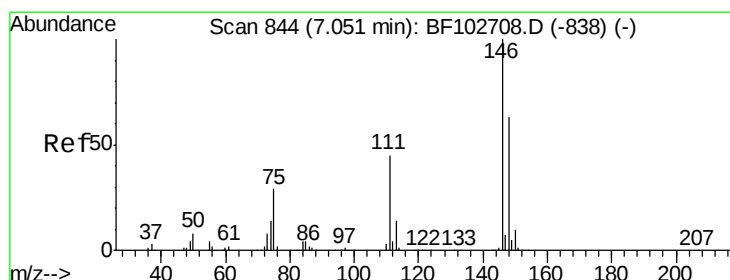
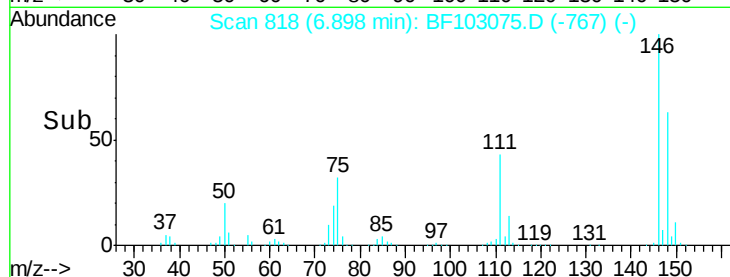
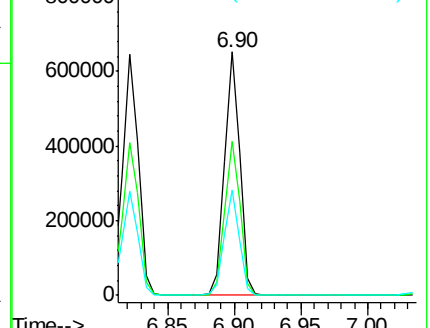
111 43.1 34.2 51.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.562 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

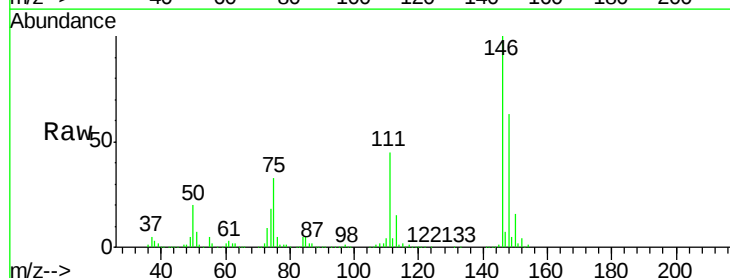
Tgt Ion:146 Resp: 495117

Ion Ratio Lower Upper

146 100

148 63.3 50.6 75.8

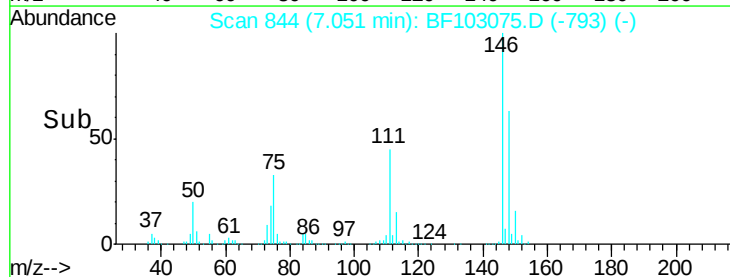
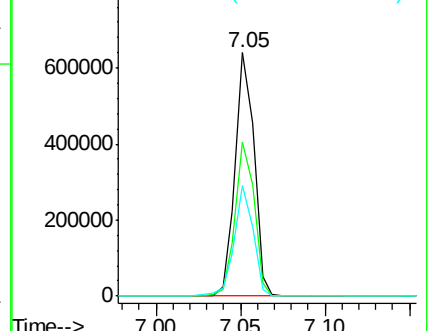
111 45.2 36.0 54.0

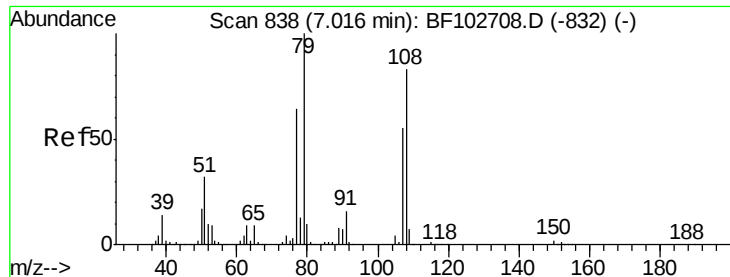


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.459 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

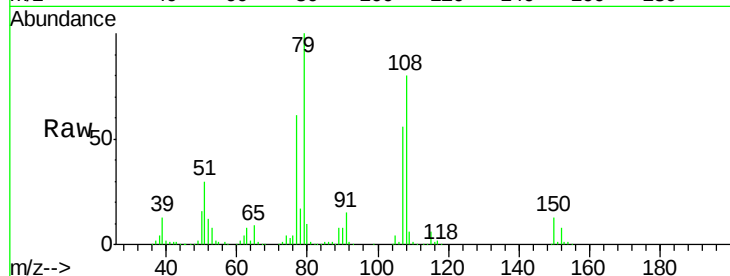
Tot Ion: 79 Resp: 444701

Ion Ratio Lower Upper

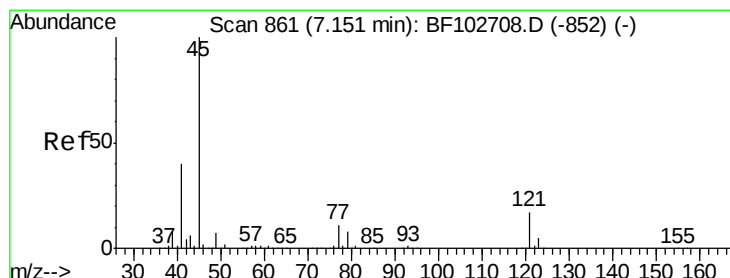
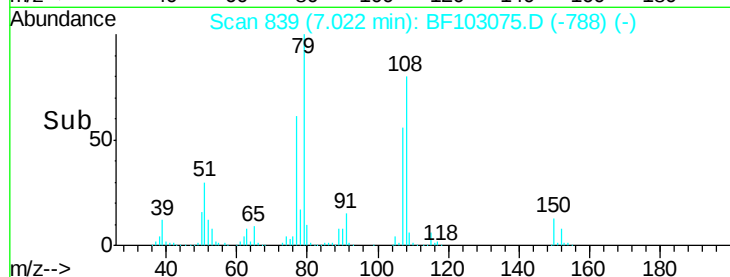
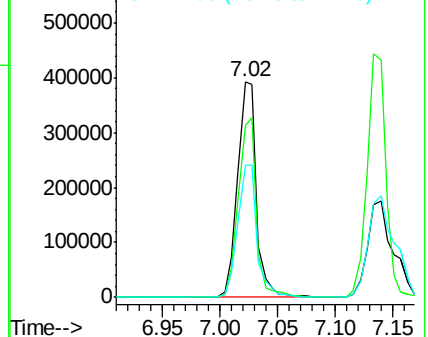
79 100

108 79.7 65.1 97.7

77 61.2 50.6 75.8



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



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.282 ng

RT: 7.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

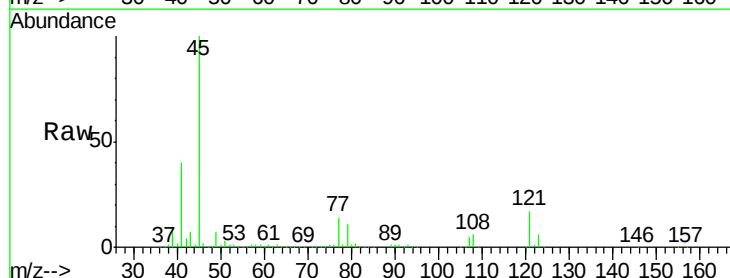
Tgt Ion: 45 Resp: 906525

Ion Ratio Lower Upper

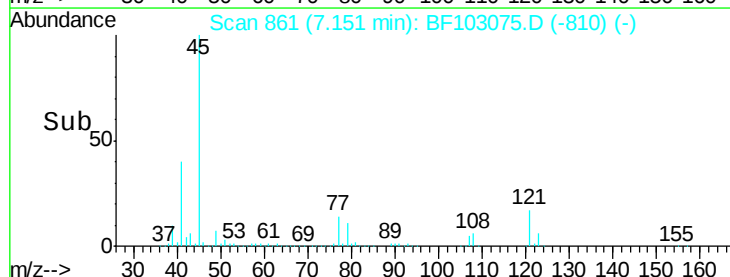
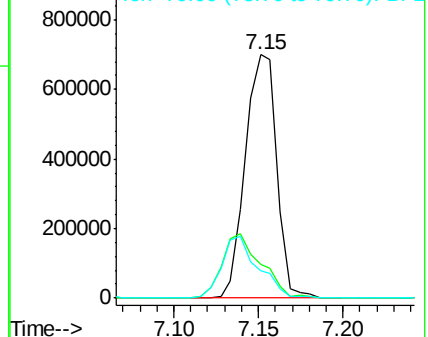
45 100

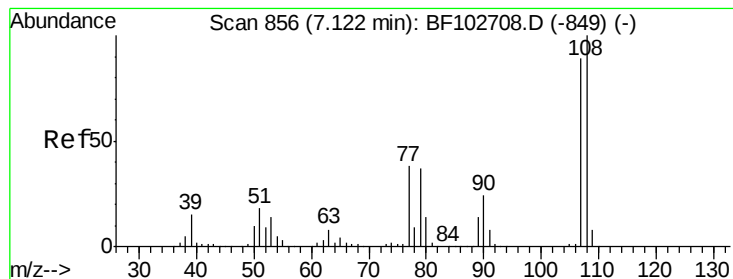
77 14.0 0.0 32.9

79 11.0 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

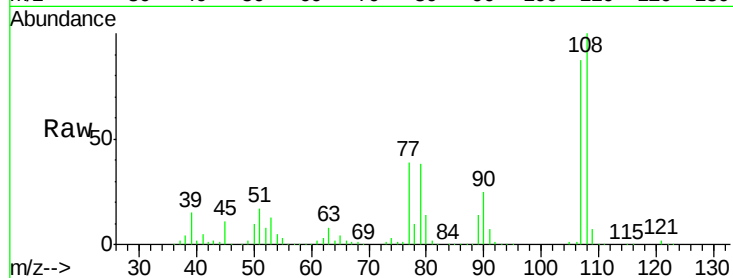




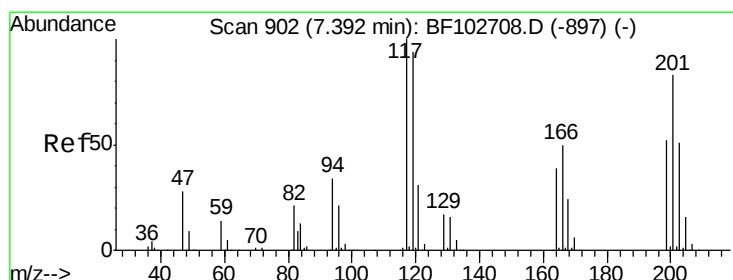
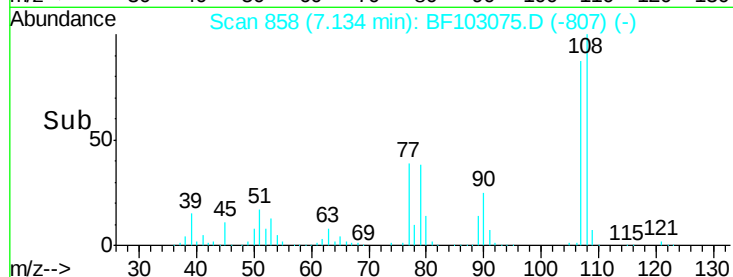
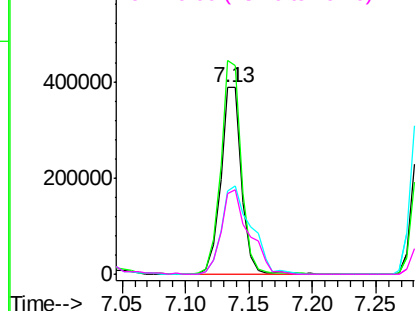
#17  
2-Methylphenol  
Concen: 41.117 ng  
RT: 7.13 min Scan# 858  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:107 Resp: 441765  
Ion Ratio Lower Upper  
107 100  
108 114.5 91.7 137.5  
77 44.4 33.8 50.8  
79 43.5 33.8 50.8

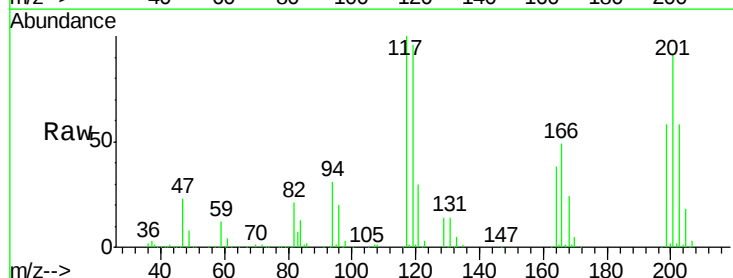


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF1  
Ion 79.00 (78.70 to 79.70): BF1

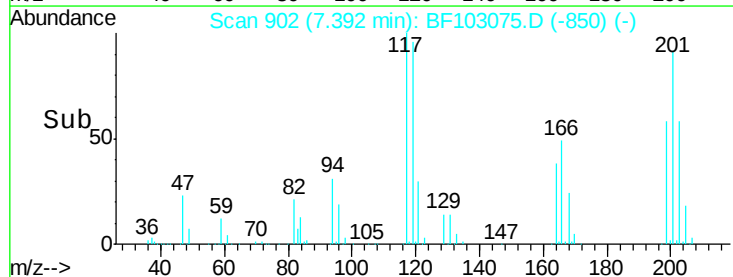
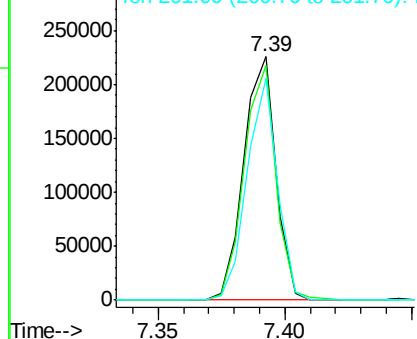


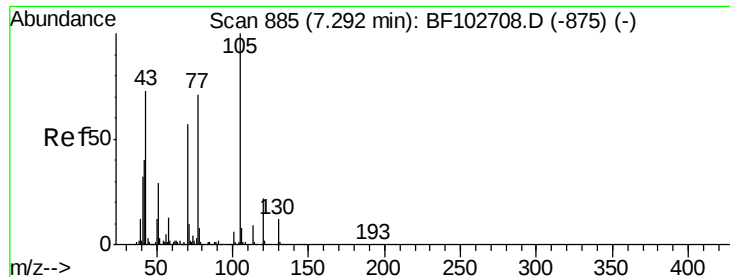
#18  
Hexachloroethane  
Concen: 43.179 ng  
RT: 7.39 min Scan# 902  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:117 Resp: 198949  
Ion Ratio Lower Upper  
117 100  
119 96.2 75.8 113.8  
201 91.0 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

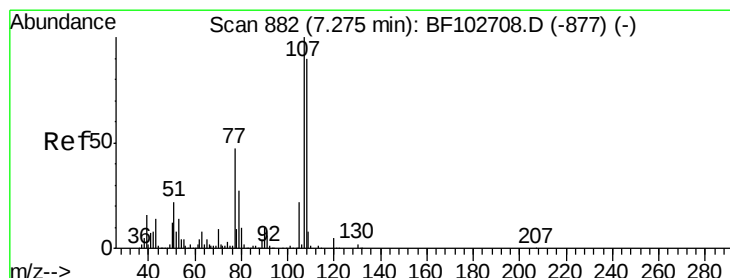
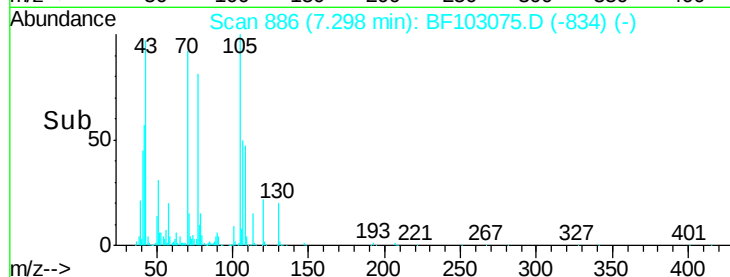
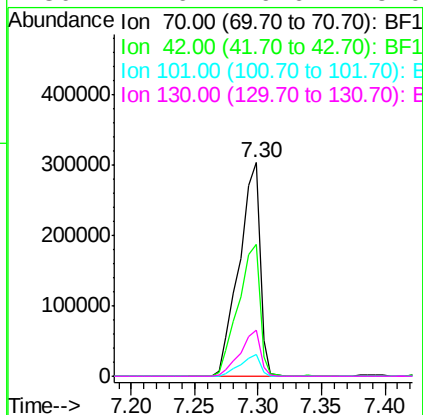
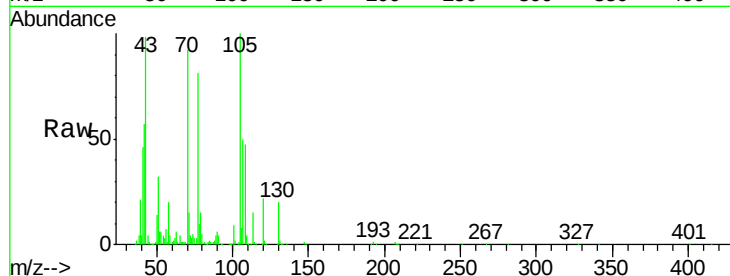




#19  
n-Nitroso-di-n-propylamine  
Concen: 38.740 ng  
RT: 7.30 min Scan# 886  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

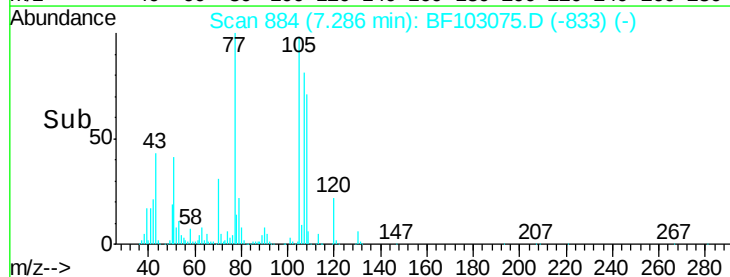
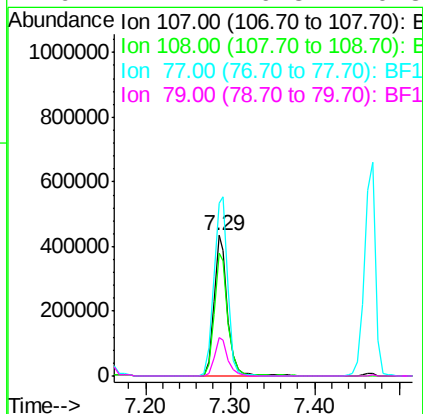
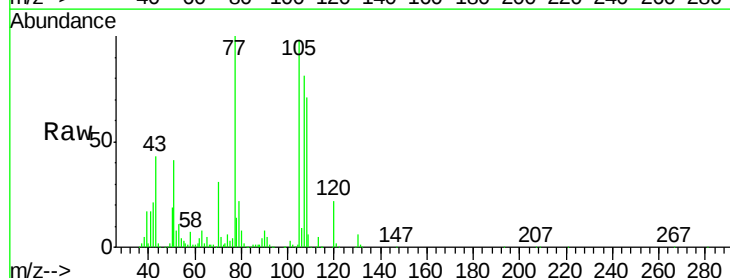
Instrument :  
BNA\_F  
ClientSampleId :

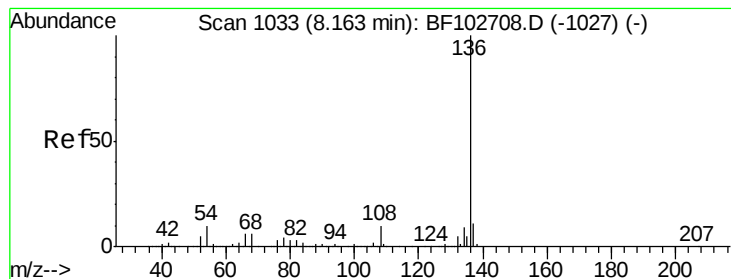
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 70    | Resp: | 347958 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 61.7  | 47.5  | 71.3   |
| 101      | 10.3  | 7.4   | 11.2   |
| 130      | 21.6  | 16.6  | 25.0   |



#20  
3+4-Methylphenols  
Concen: 36.700 ng  
RT: 7.29 min Scan# 884  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 486258 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 87.6  | 68.2  | 108.2  |
| 77       | 123.3 | 26.7  | 66.7#  |
| 79       | 27.1  | 6.3   | 46.3   |





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

Tot Ion:136 Resp: 721140

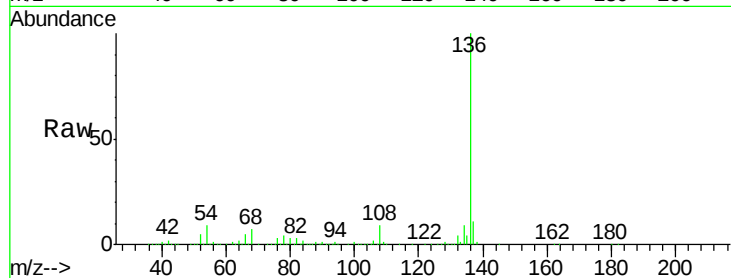
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 9.5 6.6 9.8

68 6.6 5.0 7.4

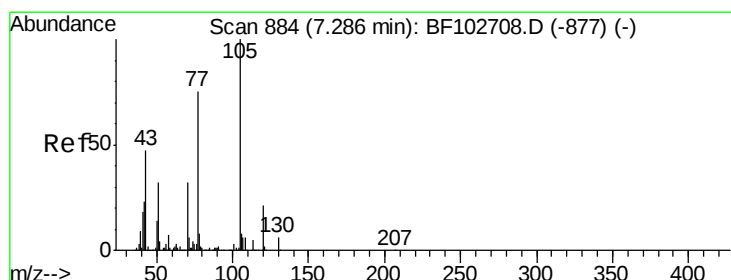
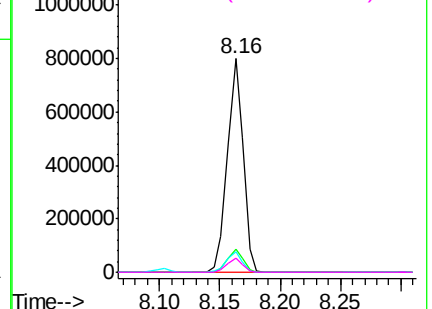
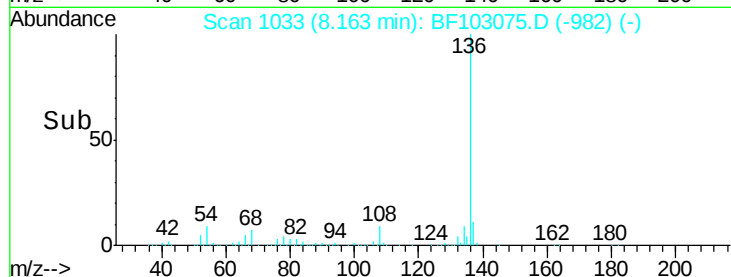


Abundance Ion 136.00 (135.70 to 136.70): E

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: 38.791 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:105 Resp: 684546

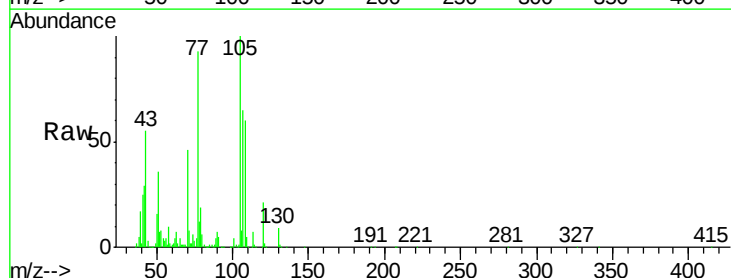
Ion Ratio Lower Upper

105 100

71 8.0 4.4 6.6#

51 35.8 22.3 33.5#

120 20.7 16.9 25.3

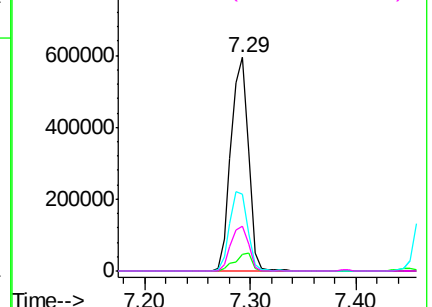
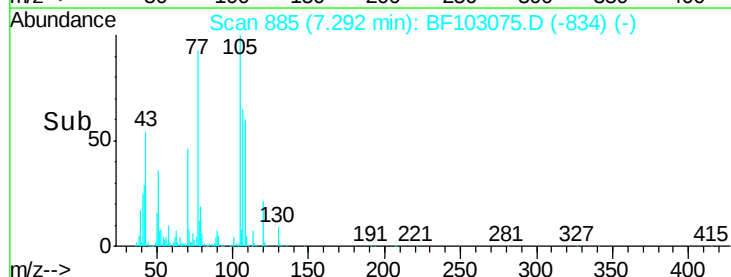


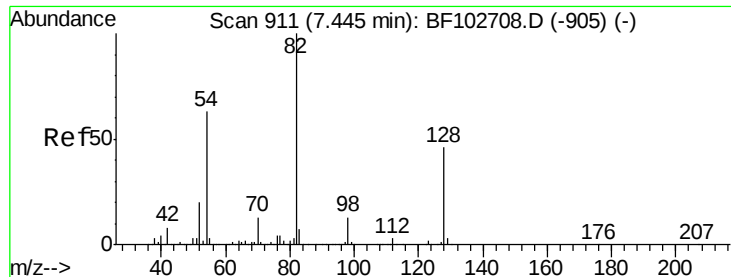
Abundance Ion 105.00 (104.70 to 105.70): E

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

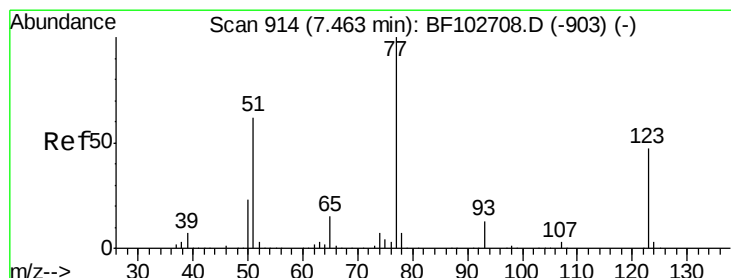
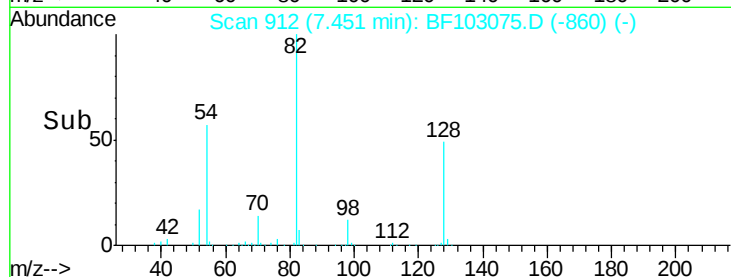
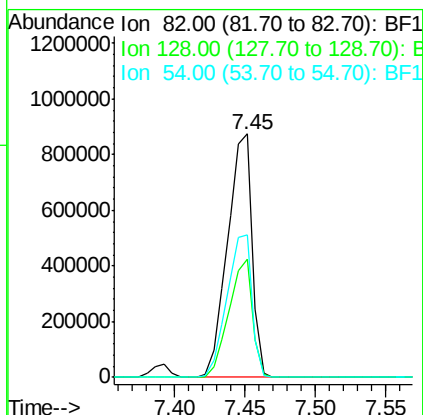
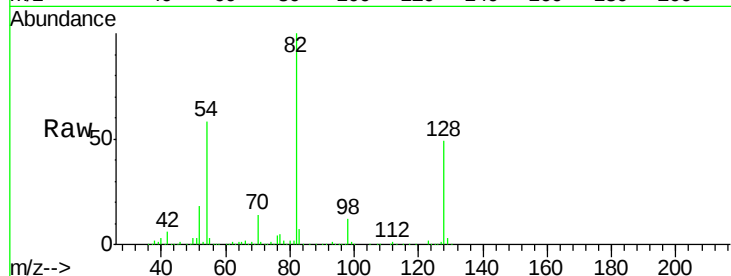




#23  
Nitrobenzene-d5  
Concen: 101.499 ng  
RT: 7.45 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

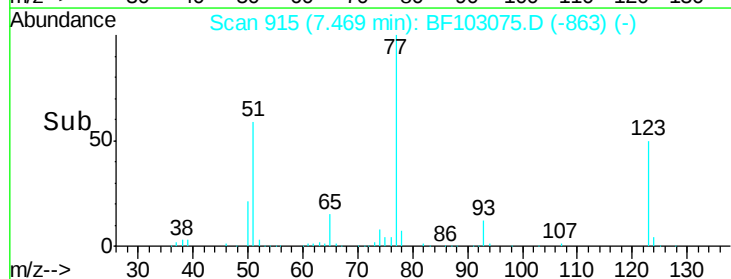
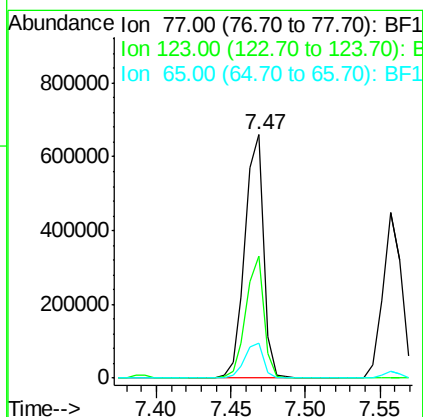
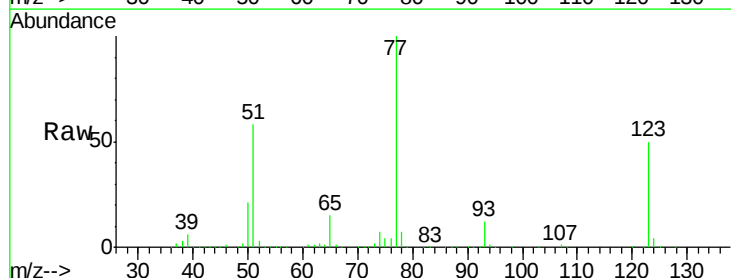
Instrument :  
BNA\_F  
ClientSampled :

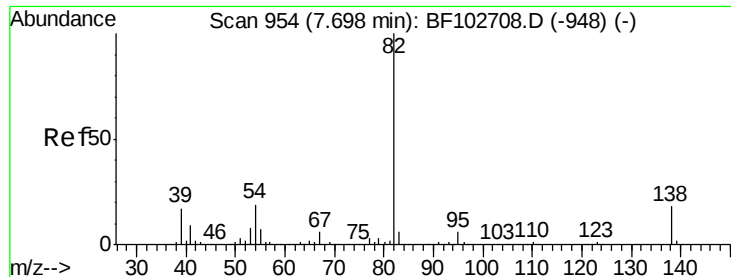
Tot Ion: 82 Resp: 1055134  
Ion Ratio Lower Upper  
82 100  
128 48.6 36.1 54.1  
54 58.3 41.4 62.2



#24  
Nitrobenzene  
Concen: 46.820 ng  
RT: 7.47 min Scan# 915  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion: 77 Resp: 572484  
Ion Ratio Lower Upper  
77 100  
123 50.3 37.9 56.9  
65 14.5 11.0 16.4





#25

Isophorone

Concen: 44.798 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

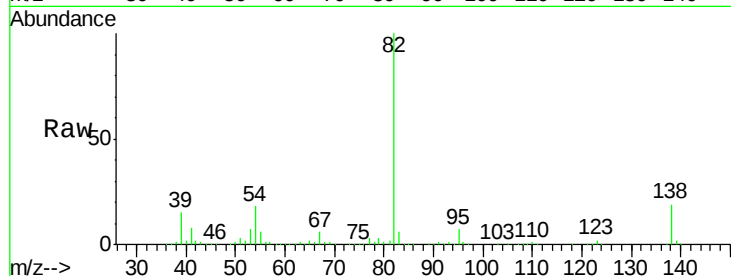
Tot Ion: 82 Resp: 1072328

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

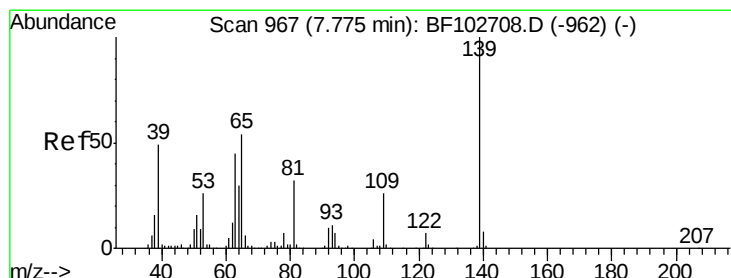
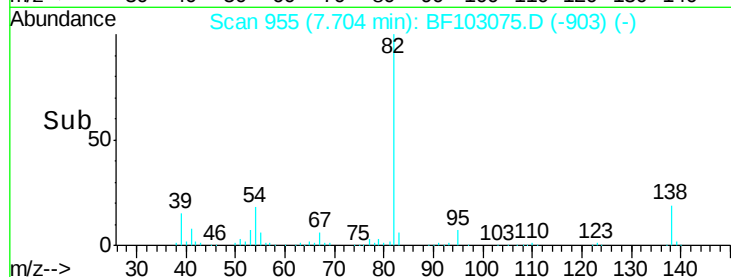
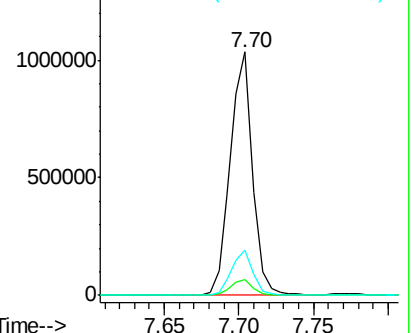
138 18.7 14.9 22.3



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: 57.504 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

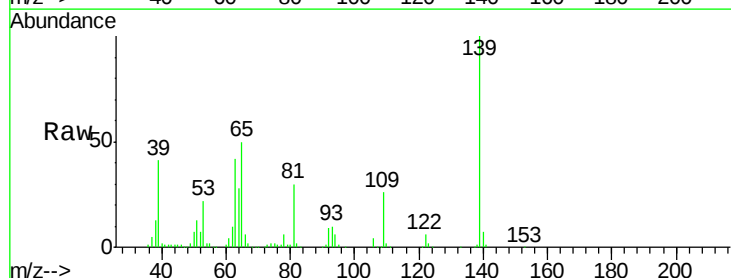
Tgt Ion: 139 Resp: 299396

Ion Ratio Lower Upper

139 100

109 25.7 22.7 34.1

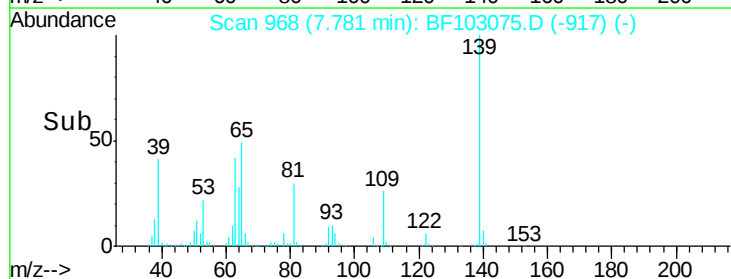
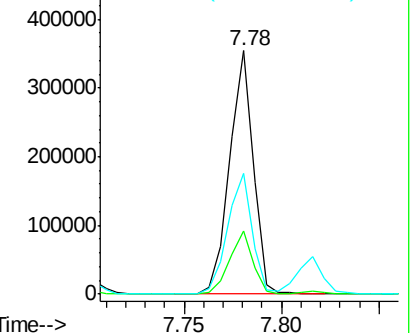
65 49.7 40.5 60.7

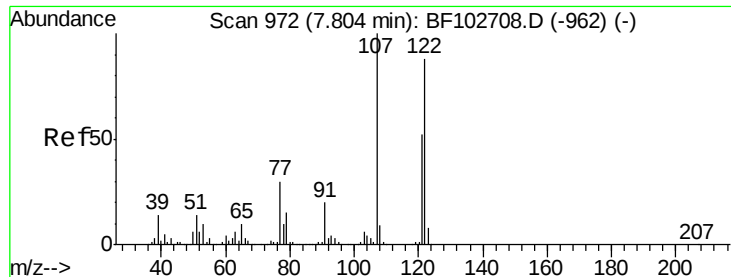


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 47.521 ng

RT: 7.82 min Scan# 974

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

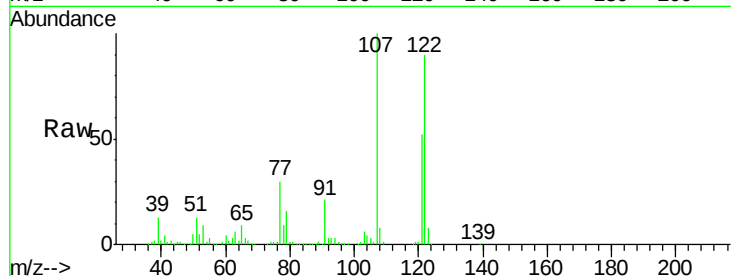
Tot Ion:122 Resp: 480575

Ion Ratio Lower Upper

122 100

107 111.0 91.2 136.8

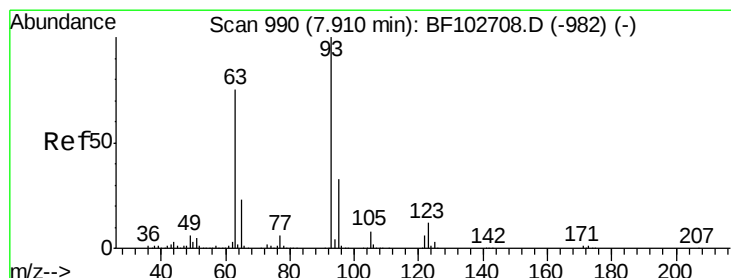
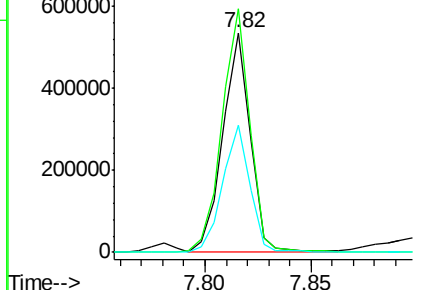
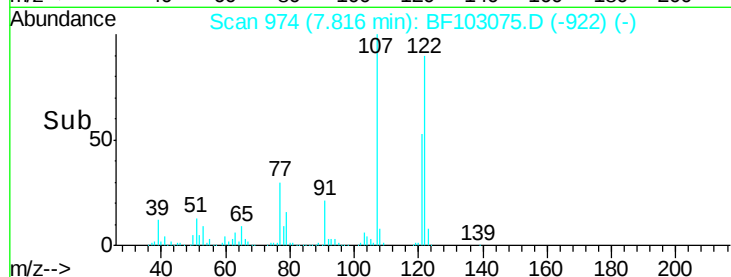
121 58.2 47.2 70.8



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: 46.979 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

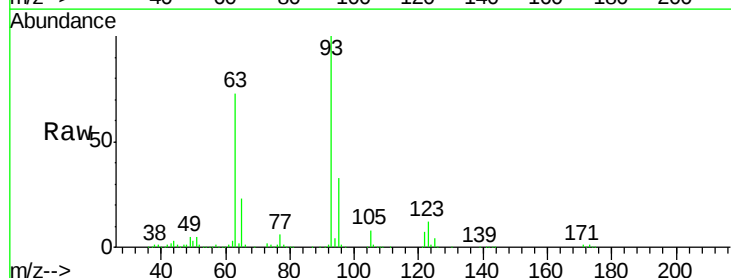
Tgt Ion: 93 Resp: 666167

Ion Ratio Lower Upper

93 100

95 33.3 26.3 39.5

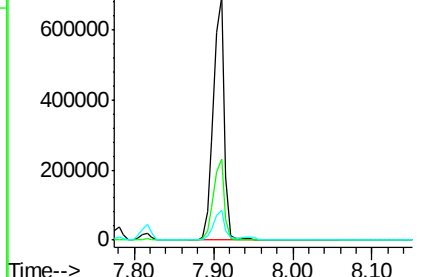
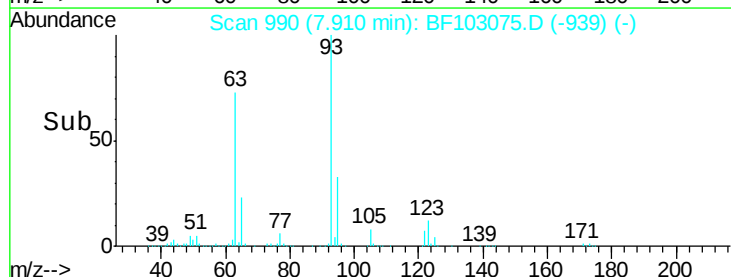
123 12.0 9.8 14.6

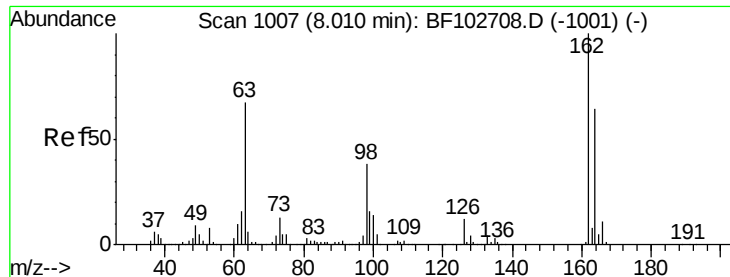


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

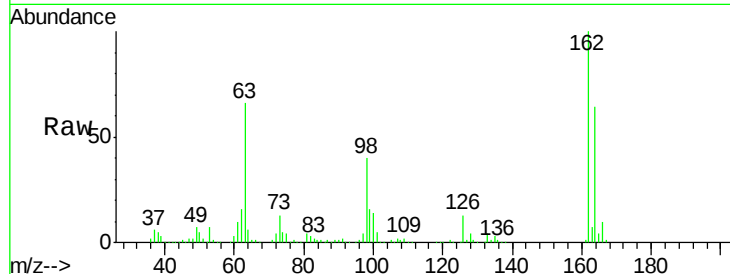




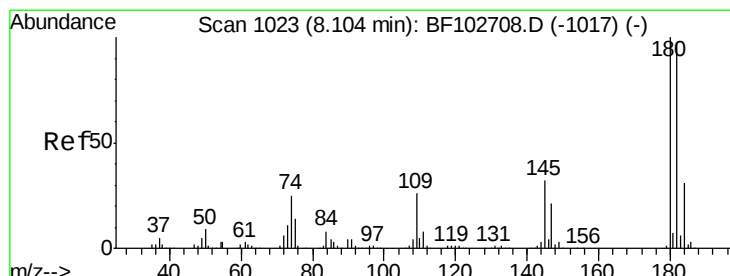
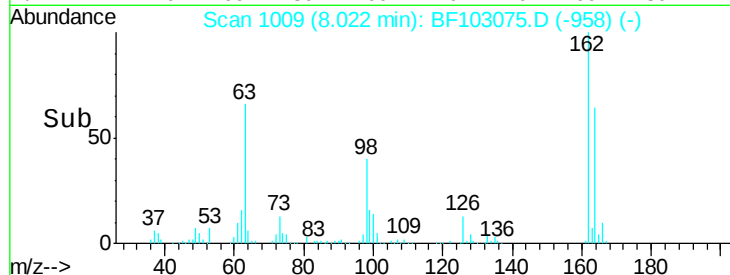
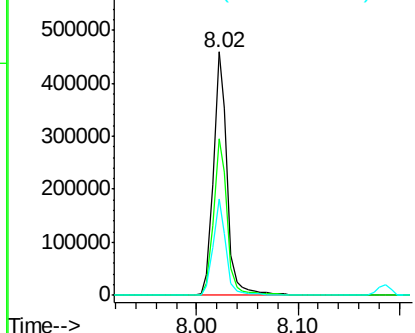
#29  
 2,4-Dichlorophenol  
 Concen: 46.909 ng  
 RT: 8.02 min Scan# 1009  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:162 Resp: 431250  
 Ion Ratio Lower Upper  
 162 100  
 164 64.4 42.7 82.7  
 98 39.6 18.1 58.1

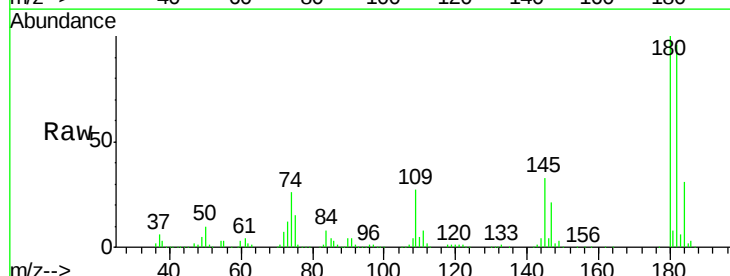


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF1

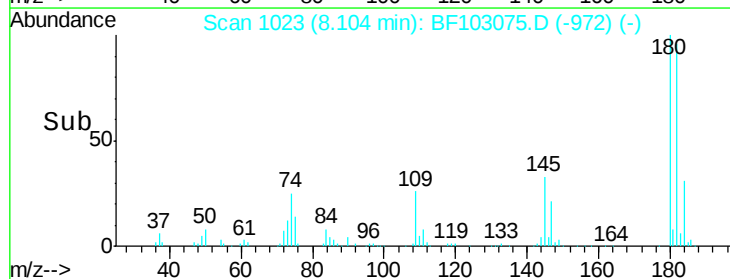
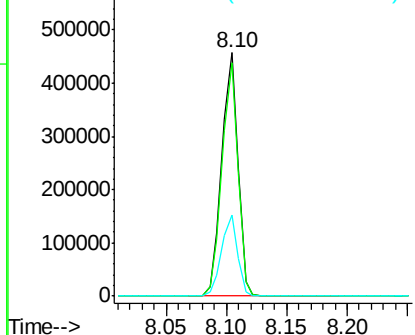


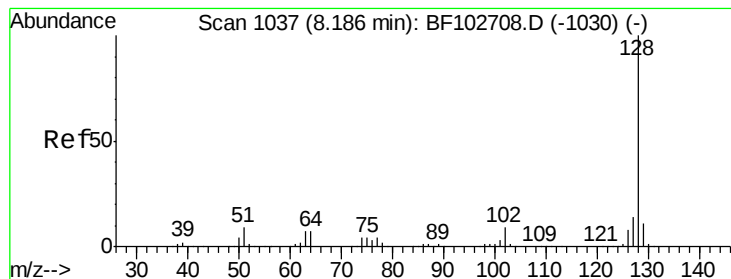
#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.884 ng  
 RT: 8.10 min Scan# 1023  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Tgt Ion:180 Resp: 425205  
 Ion Ratio Lower Upper  
 180 100  
 182 96.1 76.8 115.2  
 145 33.3 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: 41.738 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

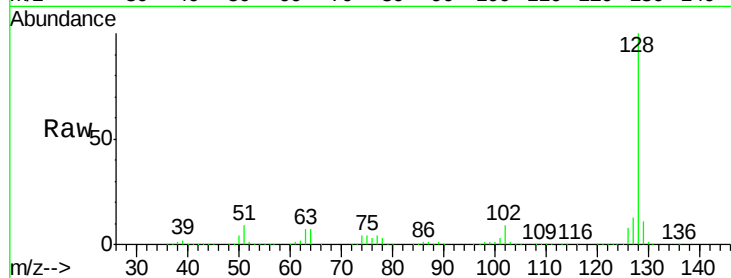
Tot Ion:128 Resp: 1470555

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

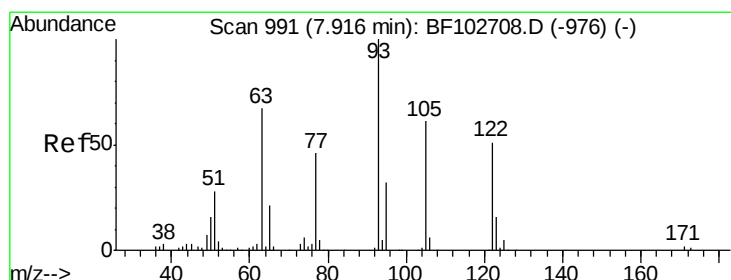
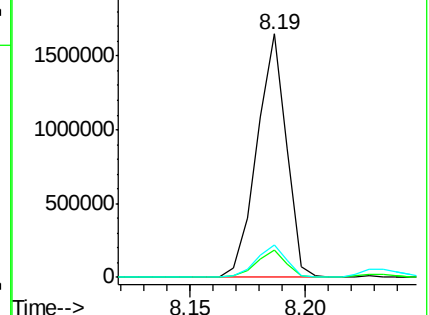
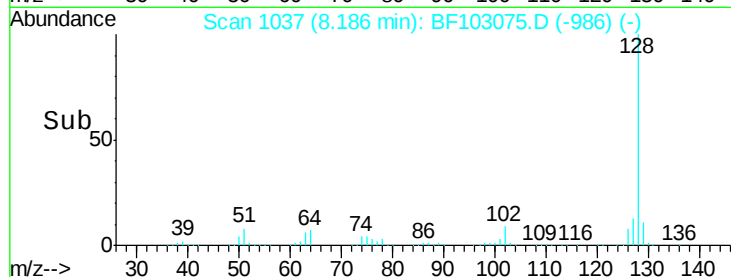
127 13.4 10.9 16.3



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: 44.005 ng

RT: 7.95 min Scan# 997

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

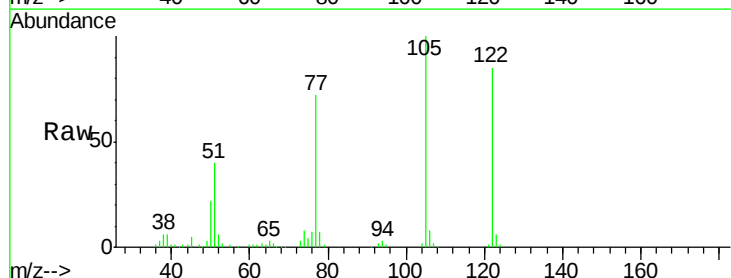
Tgt Ion:122 Resp: 303436

Ion Ratio Lower Upper

122 100

105 118.1 101.1 141.1

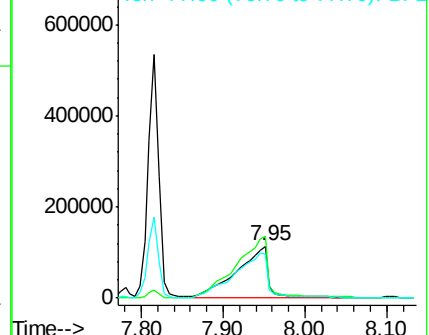
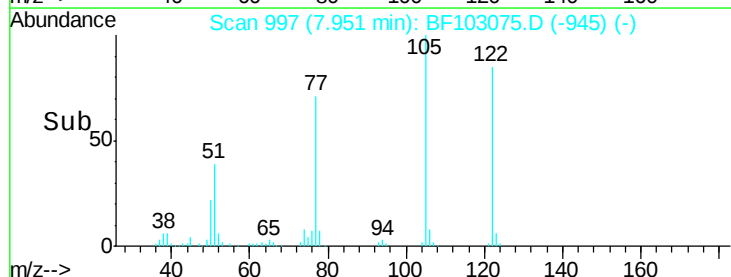
77 85.2 70.7 110.7

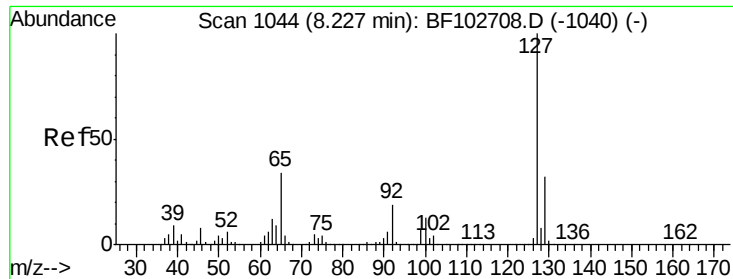


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

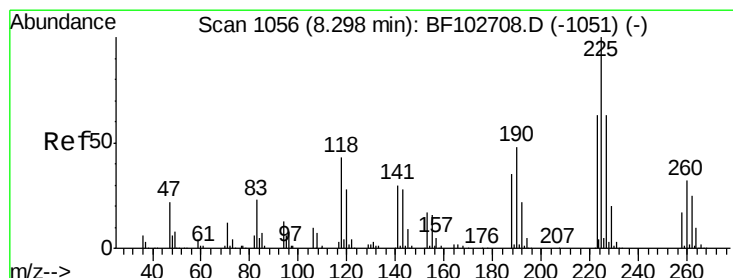
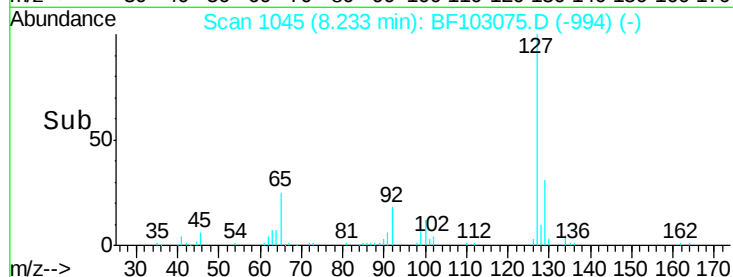
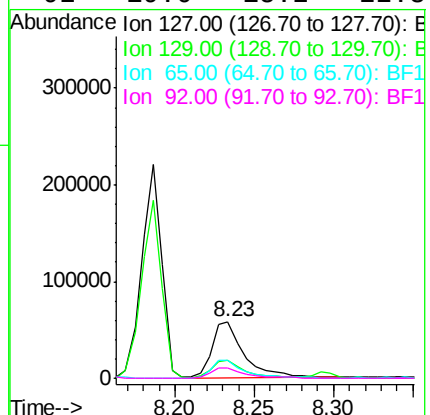
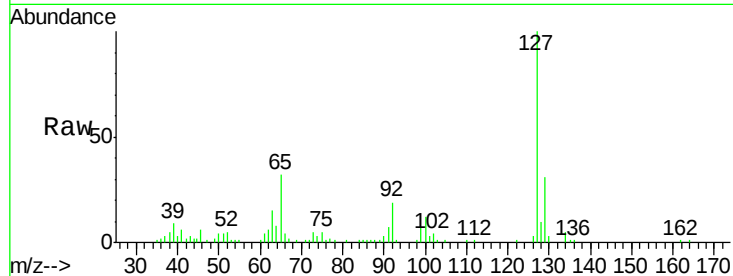




#33  
4-Chloroaniline  
Concen: 5.310 ng  
RT: 8.23 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

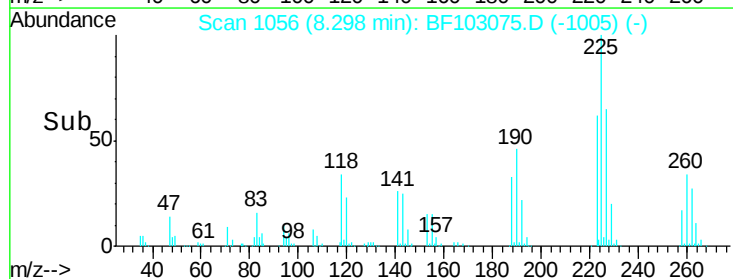
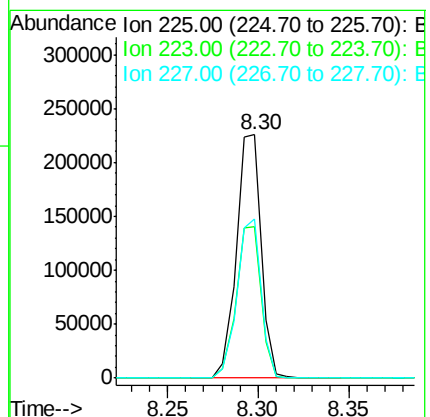
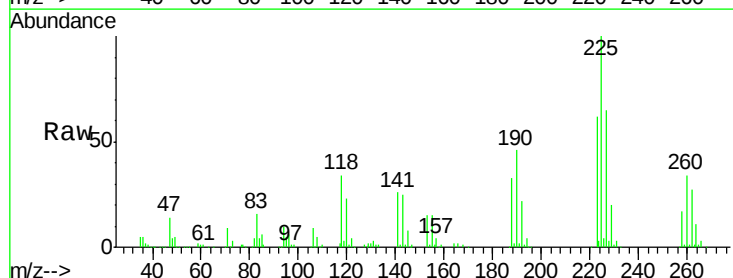
Instrument :  
BNA\_F  
ClientSampleId :

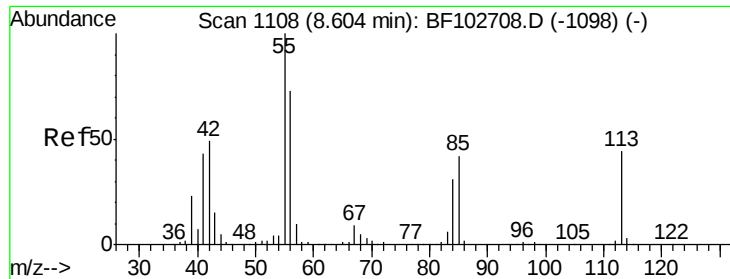
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 80590 |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 31.0  | 25.9  | 38.9  |
| 65       | 31.8  | 25.0  | 37.4  |
| 92       | 19.0  | 15.2  | 22.8  |



#34  
Hexachlorobutadiene  
Concen: 40.252 ng  
RT: 8.30 min Scan# 1056  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 214518 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.4  | 50.6  | 76.0   |
| 227      | 65.4  | 51.9  | 77.9   |

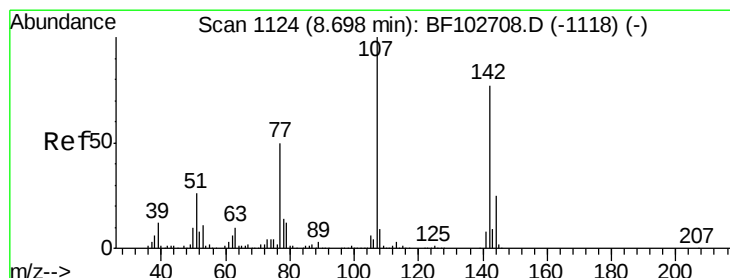
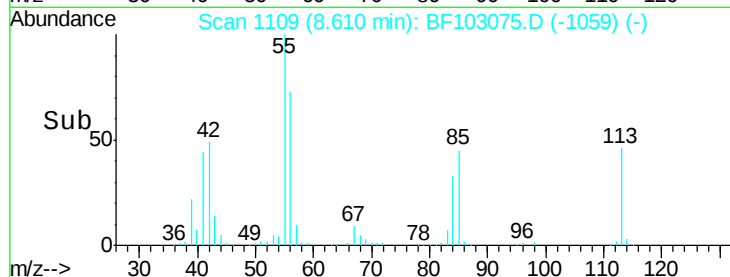
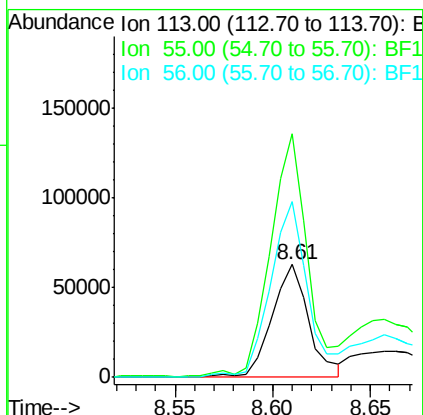
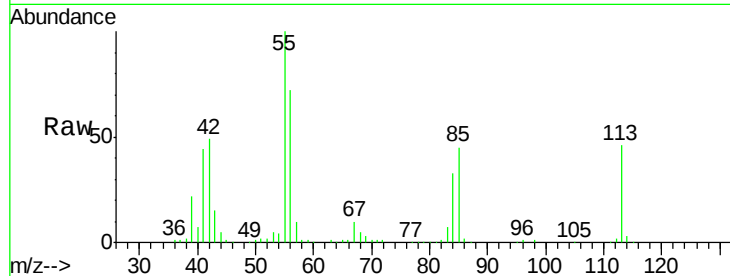




#35  
 Caprolactam  
 Concen: 25.823 ng  
 RT: 8.61 min Scan# 1109  
 Delta R.T. -0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

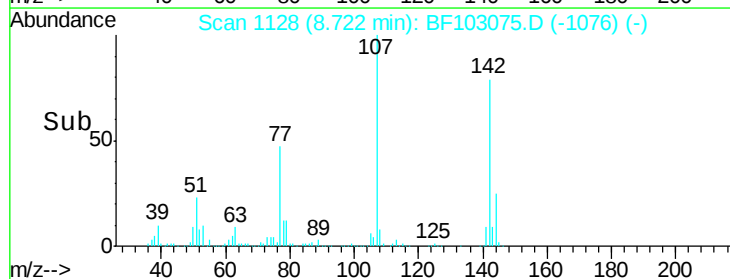
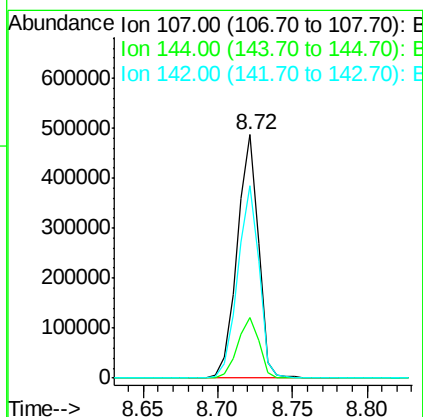
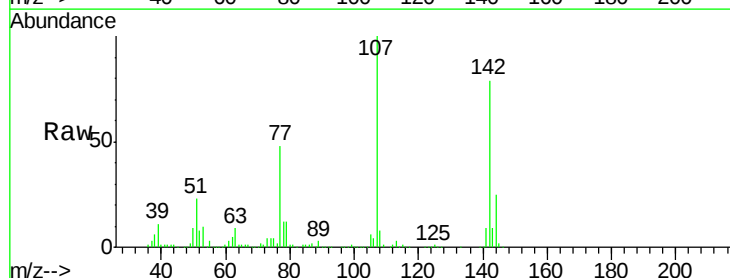
Instrument :  
 BNA\_F  
 ClientSampleId :

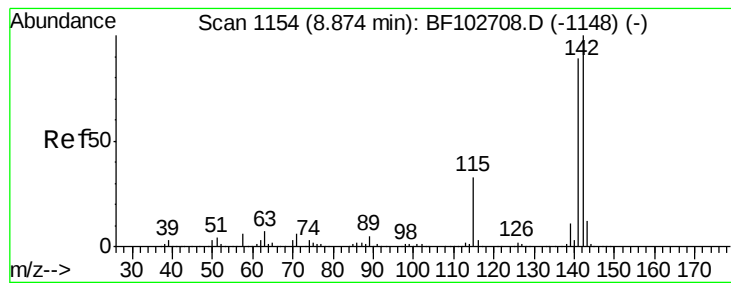
Tot Ion:113 Resp: 82445  
 Ion Ratio Lower Upper  
 113 100  
 55 216.5 163.3 203.3#  
 56 156.9 115.7 155.7#



#36  
 4-Chloro-3-methylphenol  
 Concen: 47.266 ng  
 RT: 8.72 min Scan# 1128  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Tgt Ion:107 Resp: 488235  
 Ion Ratio Lower Upper  
 107 100  
 144 25.0 20.5 30.7  
 142 79.3 62.0 93.0

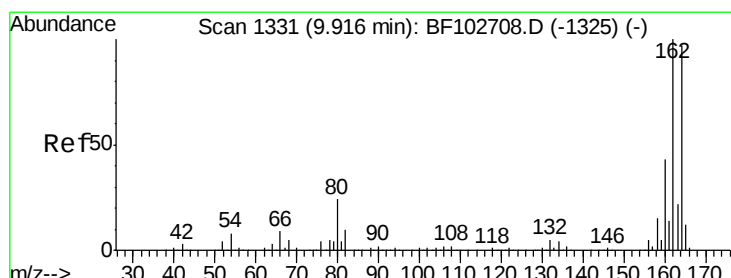
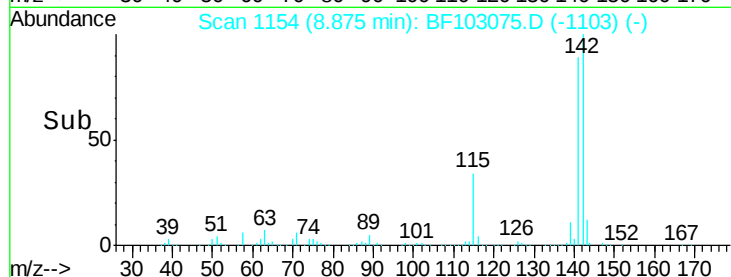
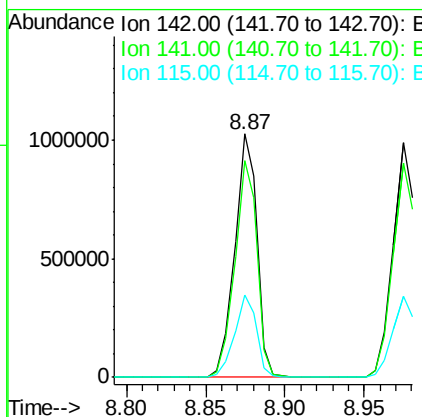
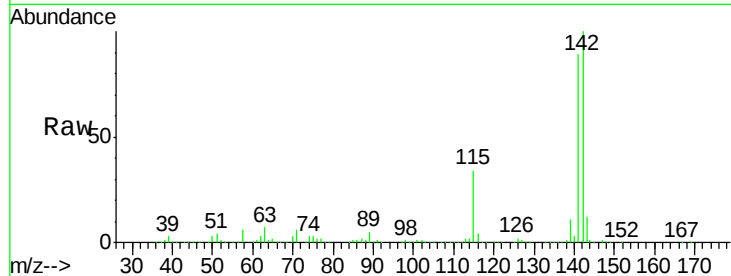




#37  
 2-Methylnaphthalene  
 Concen: 43.191 ng  
 RT: 8.87 min Scan# 1154  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

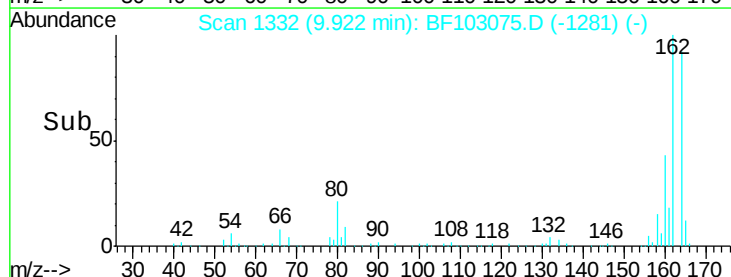
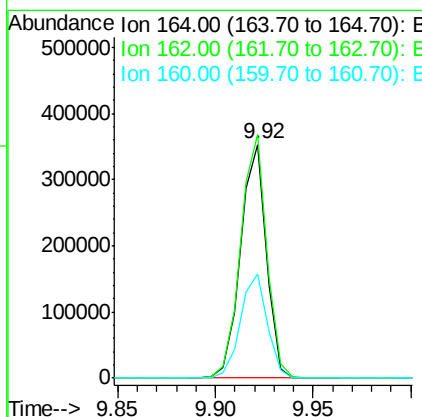
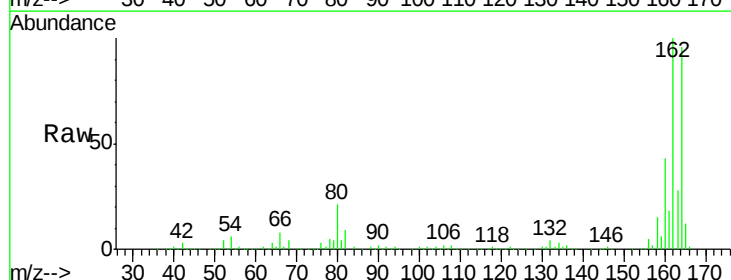
Instrument :  
 BNA\_F  
 ClientSampleId :

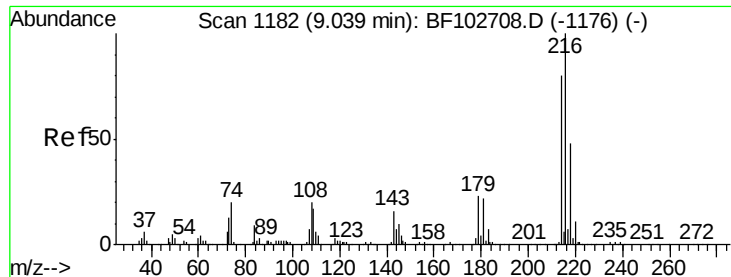
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 89.1  | 70.8  | 106.2 |
| 115     | 33.7  | 26.1  | 39.1  |



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 9.92 min Scan# 1332  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 104.2 | 86.1  | 129.1 |
| 160     | 44.8  | 38.3  | 57.5  |

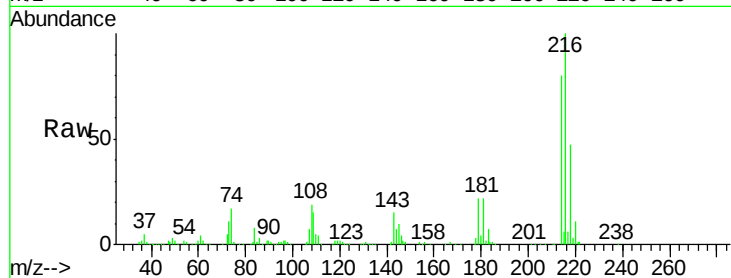




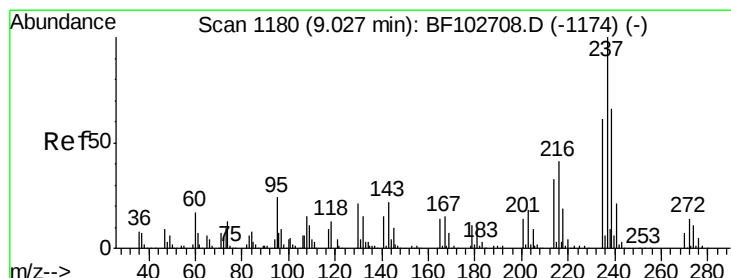
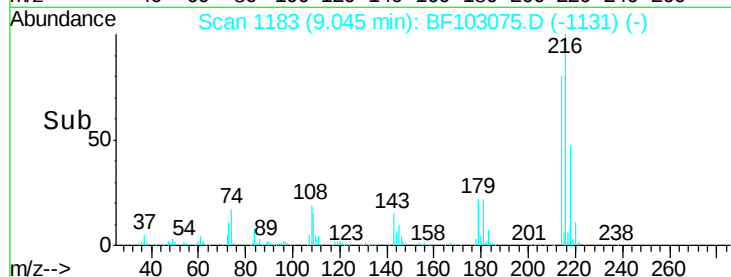
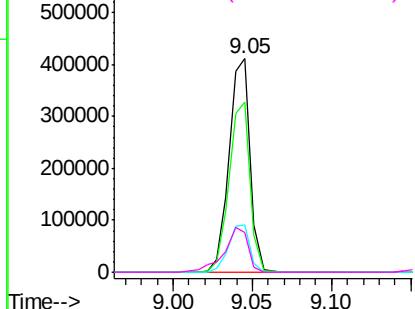
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 42.819 ng  
 RT: 9.05 min Scan# 1183  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Instrument :  
 BNA\_F  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 377458 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 79.5  | 63.0  | 94.4   |
| 179      | 22.8  | 18.1  | 27.1   |
| 108      | 24.0  | 17.2  | 25.8   |

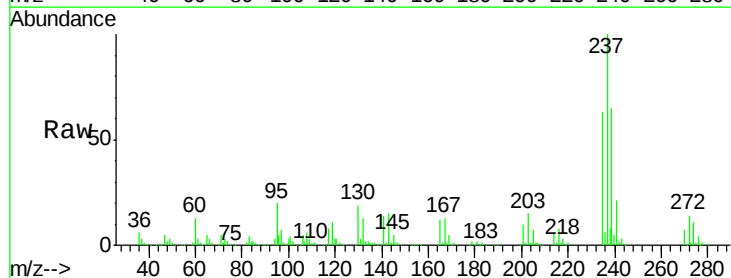


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

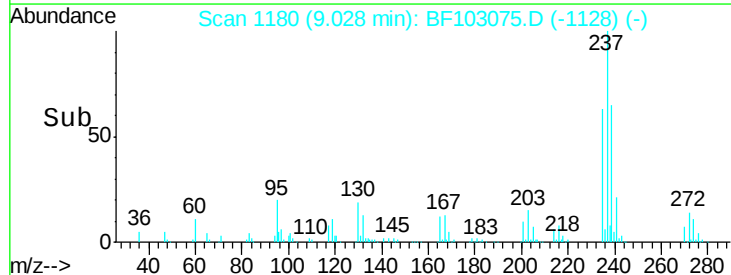
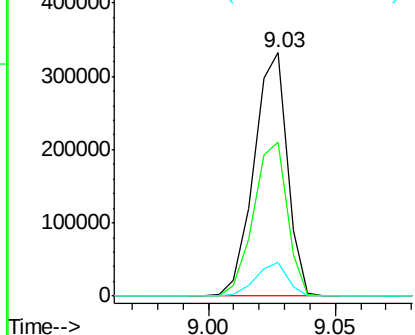


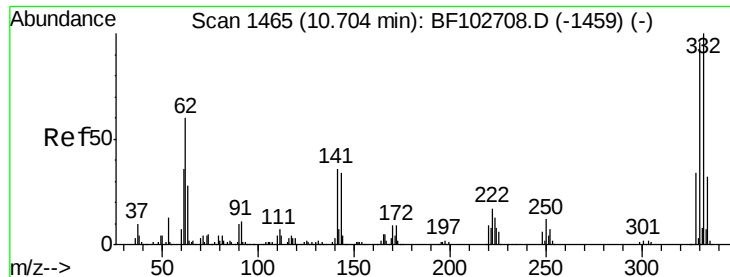
#40  
 Hexachlorocyclopentadiene  
 Concen: 72.962 ng  
 RT: 9.03 min Scan# 1180  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 305752 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.4  | 44.8  | 84.8   |
| 272      | 13.8  | 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: 137.382 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

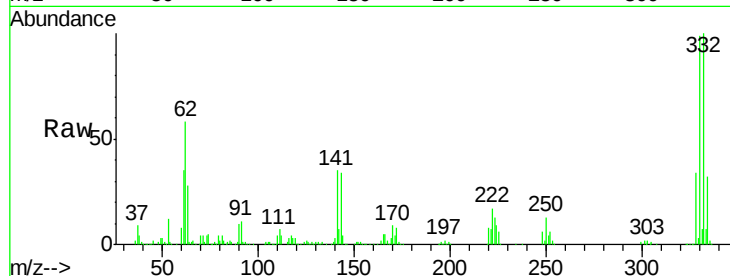
Tot Ion:330 Resp: 357996

Ion Ratio Lower Upper

330 100

332 101.5 77.0 115.6

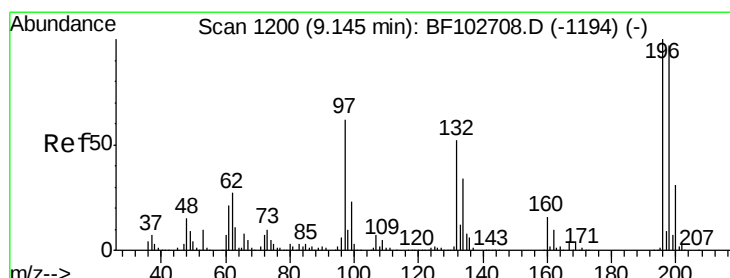
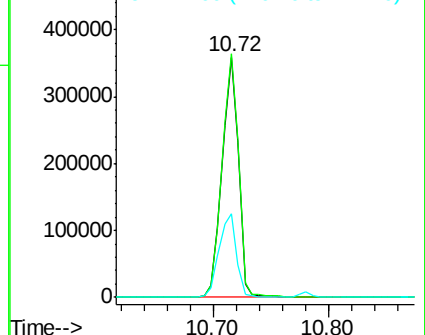
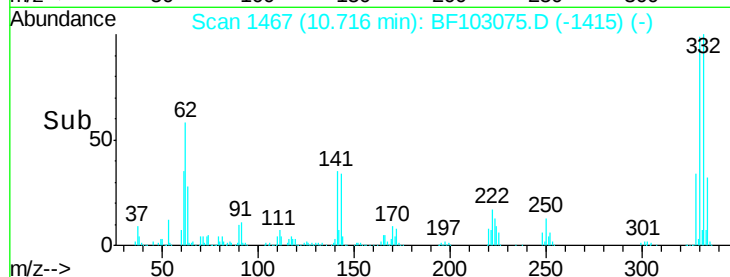
141 36.8 29.9 44.9



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 48.622 ng

RT: 9.16 min Scan# 1202

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

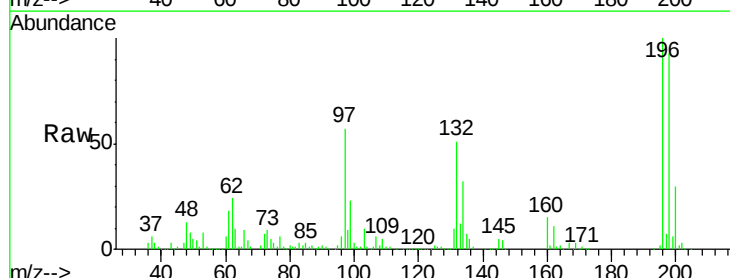
Tgt Ion:196 Resp: 281525

Ion Ratio Lower Upper

196 100

198 93.5 75.7 113.5

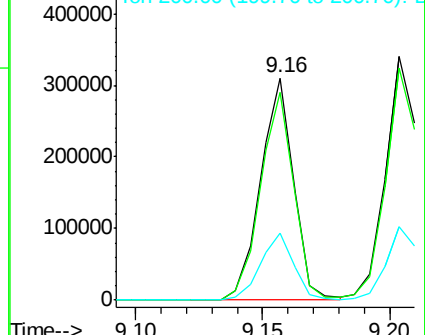
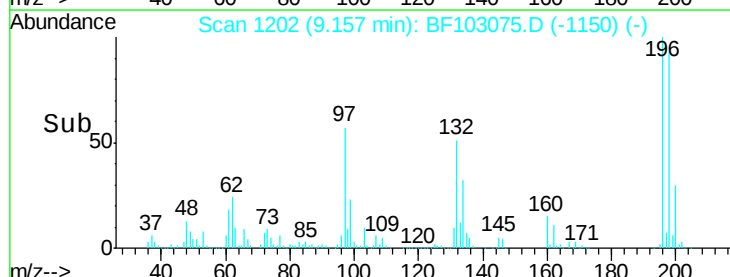
200 29.9 24.5 36.7

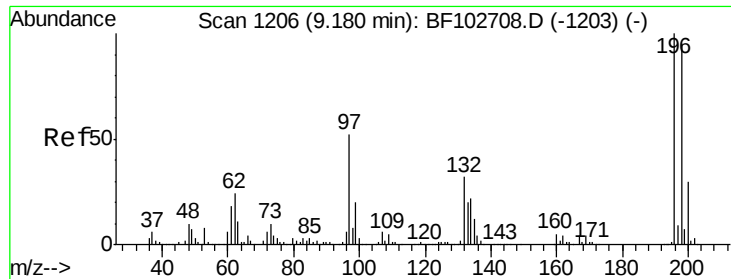


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

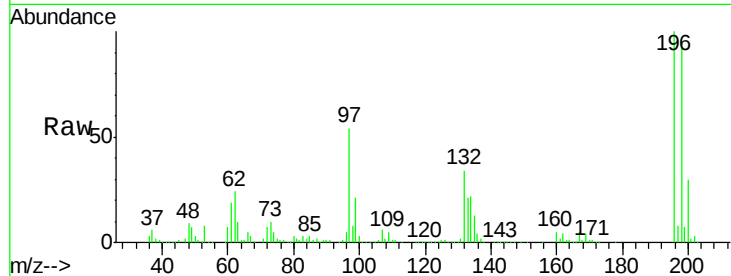




#43  
 2,4,5-Trichlorophenol  
 Concen: 46.565 ng  
 RT: 9.20 min Scan# 1210  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion   | 196   | Resp  | 303880 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 196       | 100   |       |        |
| 198       | 95.2  | 74.6  | 112.0  |
| 97        | 53.7  | 42.9  | 64.3   |
| 132       | 33.8  | 26.3  | 39.5   |



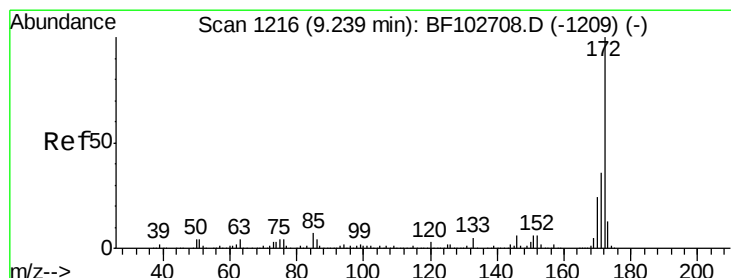
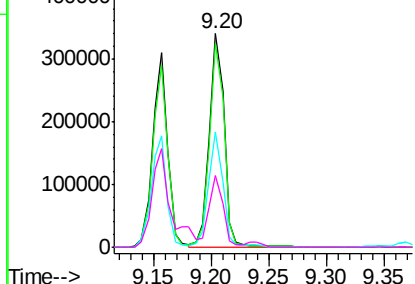
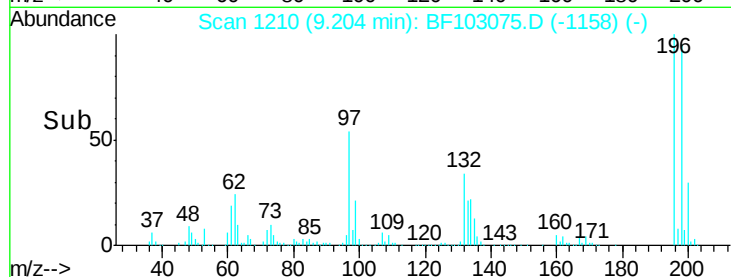
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

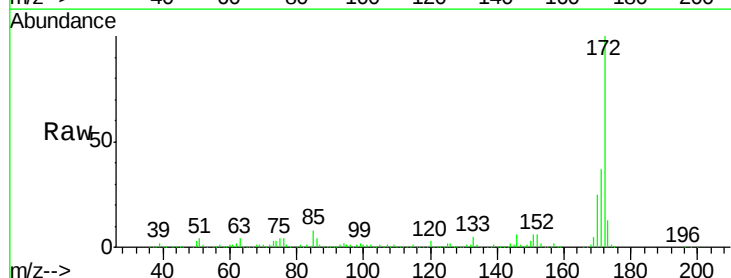
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44  
 2-Fluorobiphenyl  
 Concen: 84.976 ng  
 RT: 9.24 min Scan# 1216  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

| Tgt Ion   | 172   | Resp  | 1657954 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 172       | 100   |       |         |
| 171       | 37.1  | 29.7  | 44.5    |
| 170       | 24.7  | 19.6  | 29.4    |

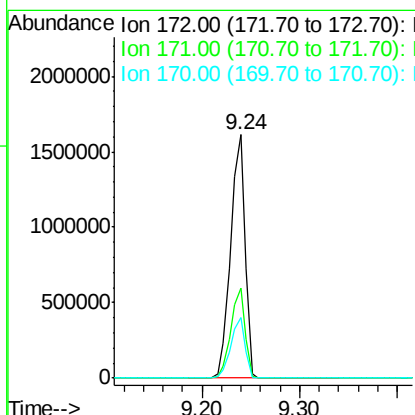
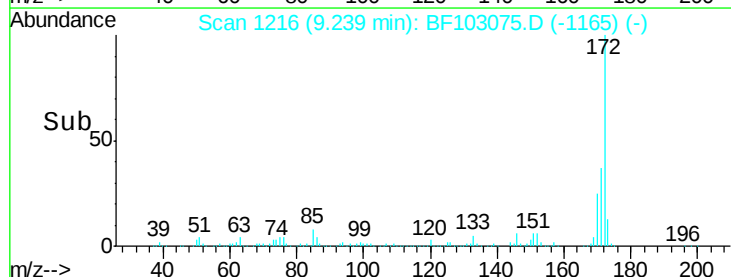


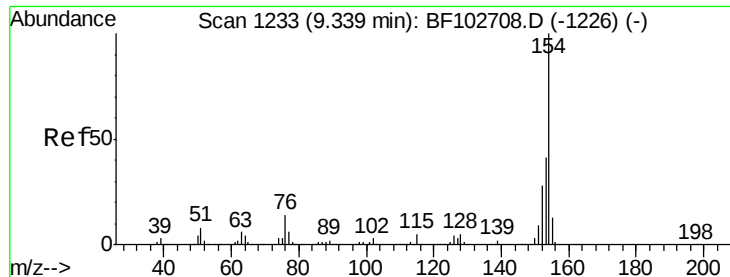
Abundance

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: 41.884 ng

RT: 9.34 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

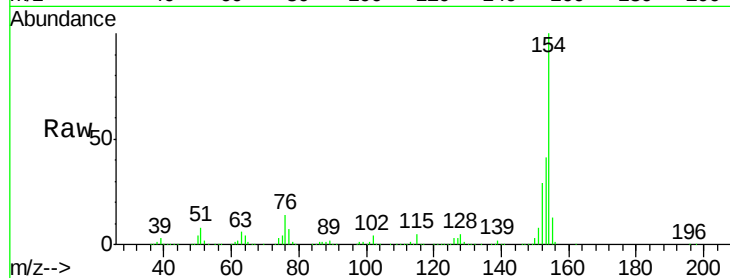
Instrument :

BNA\_F

ClientSampleId :

Tot Ion:154 Resp: 1142139

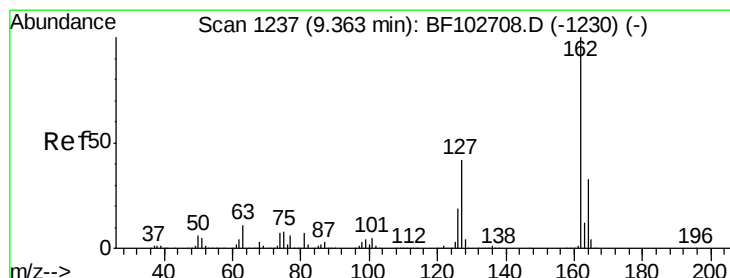
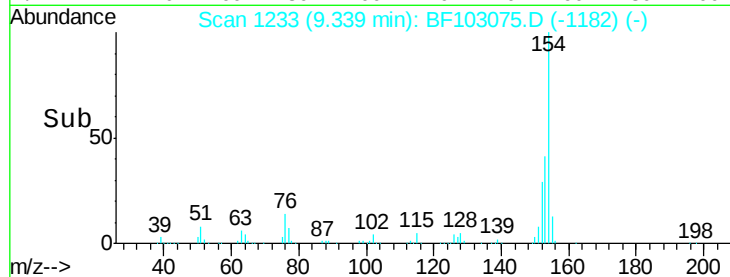
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.9  | 21.3  | 61.3  |
| 76  | 14.4  | 0.0   | 34.0  |



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: 42.802 ng

RT: 9.37 min Scan# 1238

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

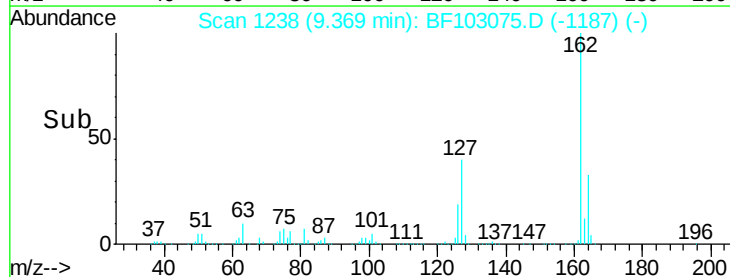
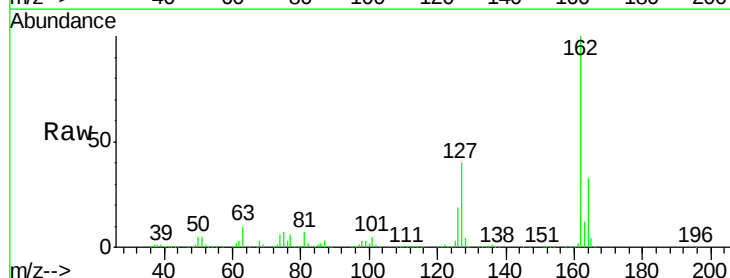
Tgt Ion:162 Resp: 918868

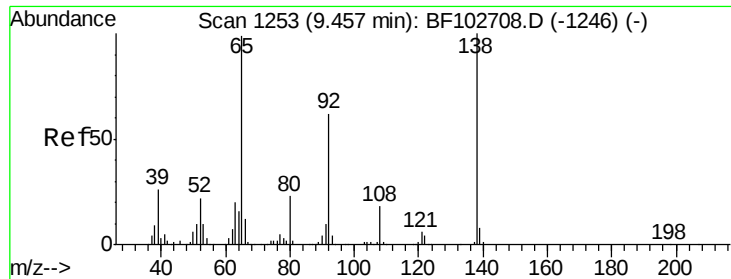
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 40.2  | 33.9  | 50.9  |
| 164 | 32.8  | 26.5  | 39.7  |

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: 51.696 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

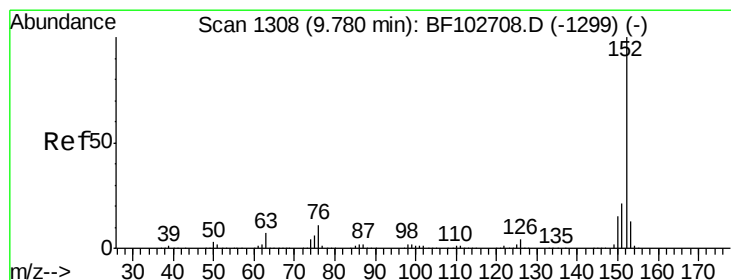
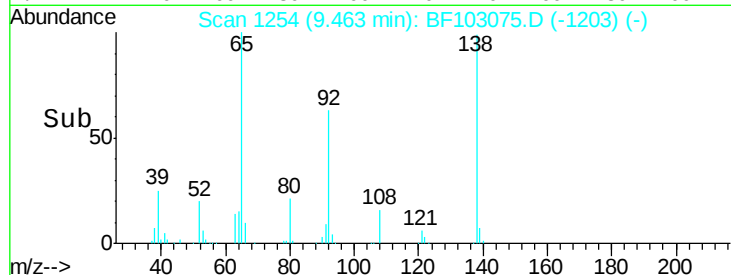
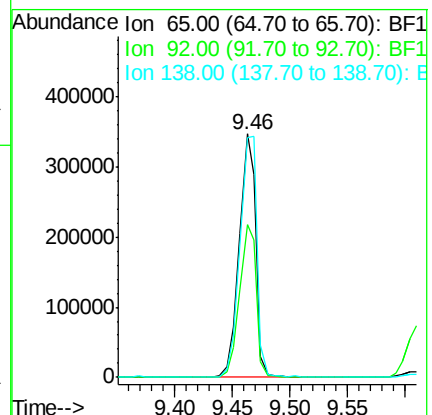
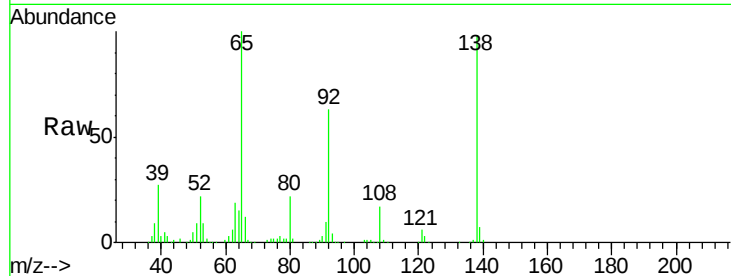
Tot Ion: 65 Resp: 344370

Ion Ratio Lower Upper

65 100

92 62.9 55.8 83.6

138 98.3 91.2 136.8



#48

Acenaphthylene

Concen: 41.572 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

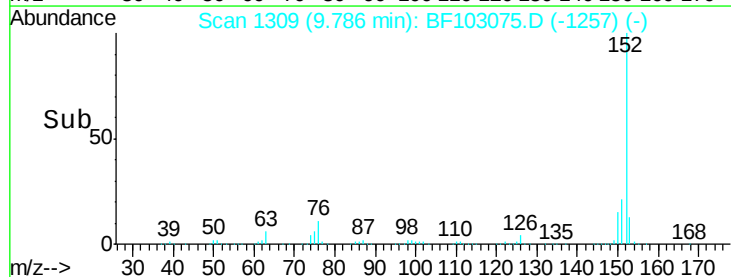
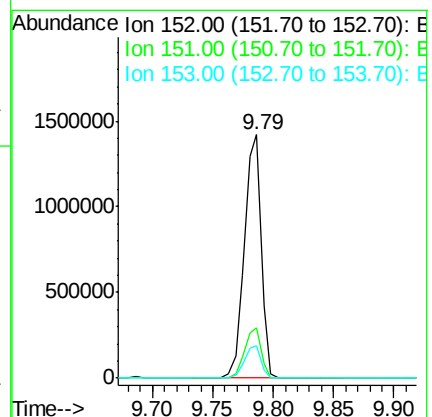
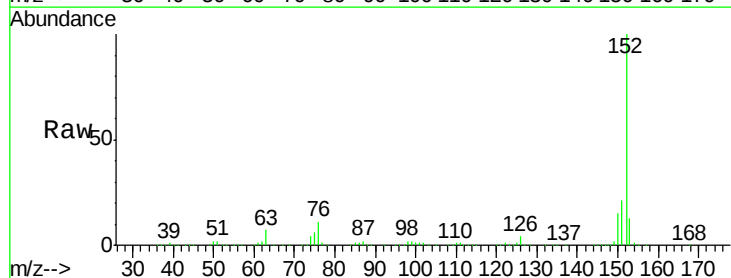
Tgt Ion: 152 Resp: 1386163

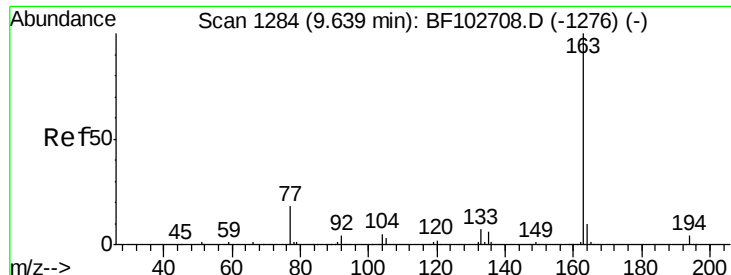
Ion Ratio Lower Upper

152 100

151 20.9 16.3 24.5

153 13.2 10.7 16.1

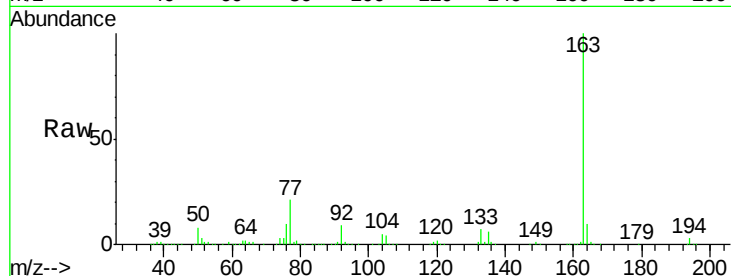




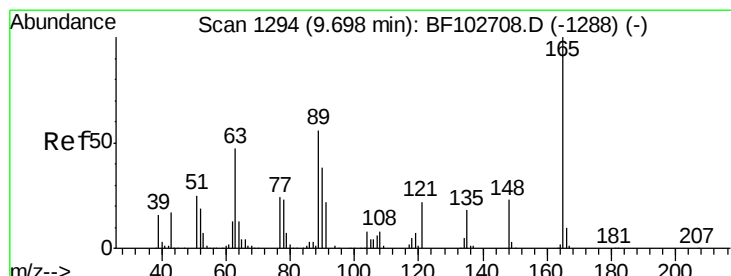
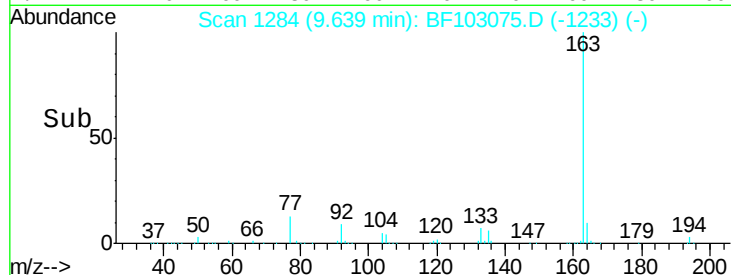
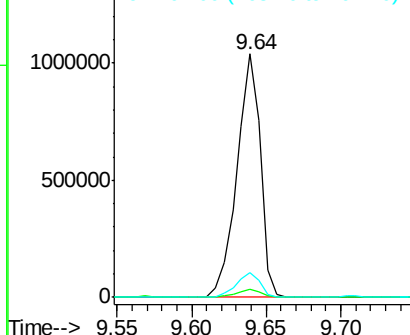
#49  
Dimethylphthalate  
Concen: 45.236 ng  
RT: 9.64 min Scan# 1284  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:163 Resp: 1141933  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.7 4.1  
164 9.9 8.2 12.2

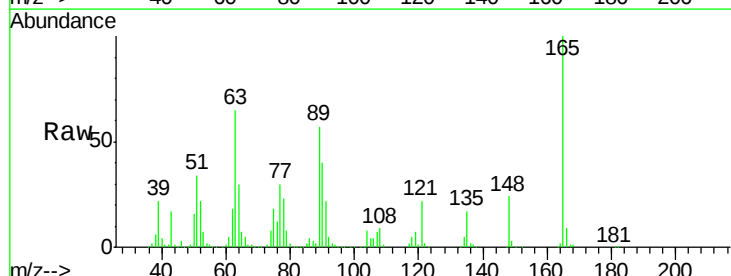


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

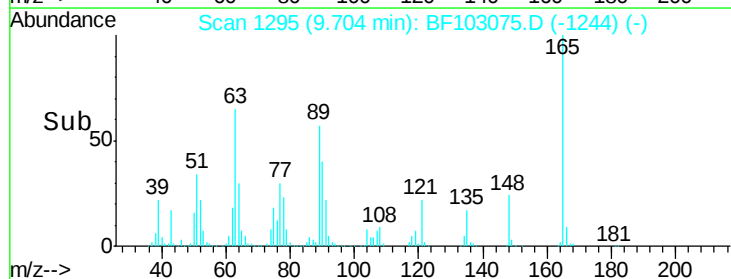
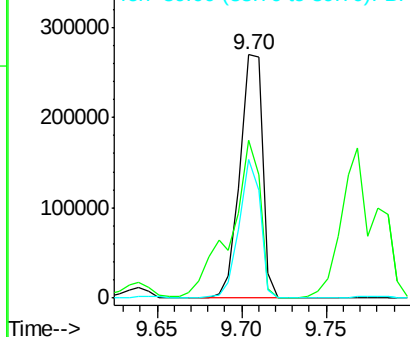


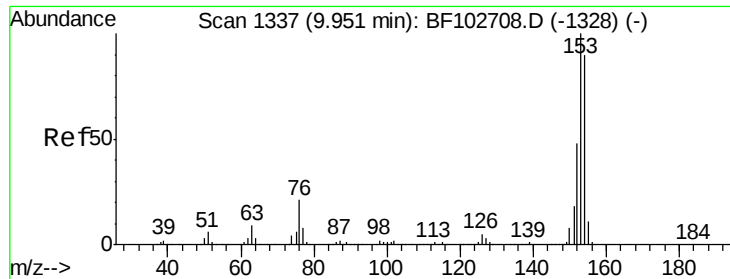
#50  
2,6-Dinitrotoluene  
Concen: 52.886 ng  
RT: 9.70 min Scan# 1295  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:165 Resp: 253996  
Ion Ratio Lower Upper  
165 100  
63 64.8 44.7 67.1  
89 56.8 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: 40.050 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

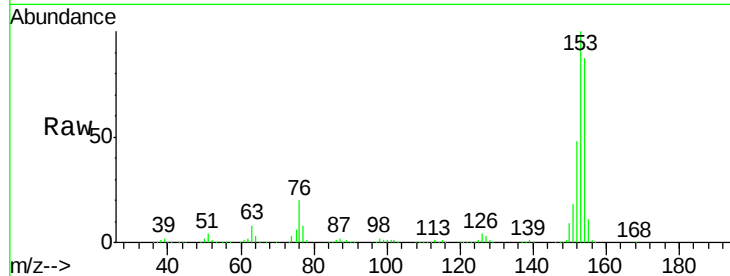
Tot Ion:154 Resp: 798620

Ion Ratio Lower Upper

154 100

153 114.5 91.2 136.8

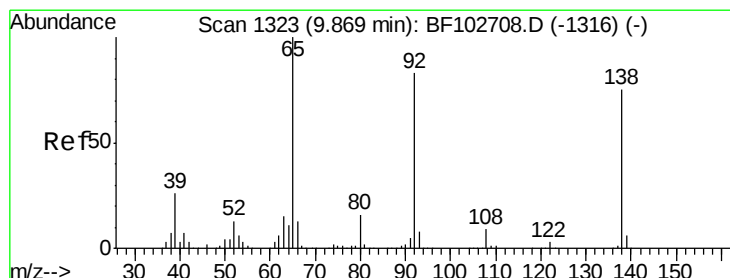
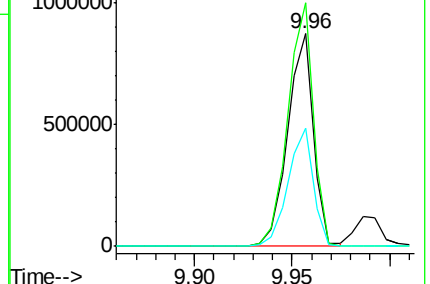
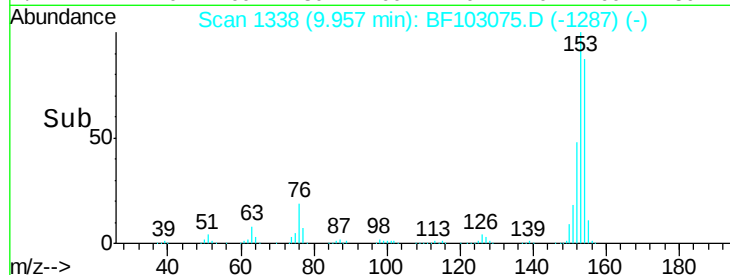
152 55.3 43.8 65.8



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: 14.457 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

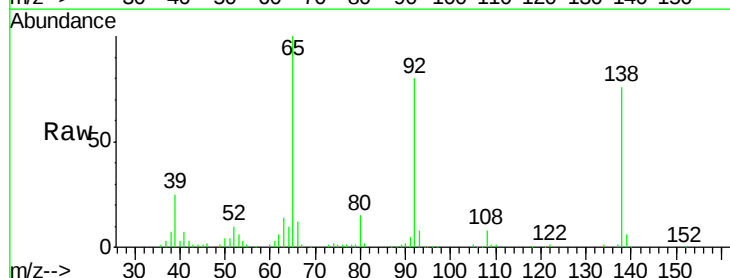
Tgt Ion:138 Resp: 85433

Ion Ratio Lower Upper

138 100

108 10.5 9.4 14.0

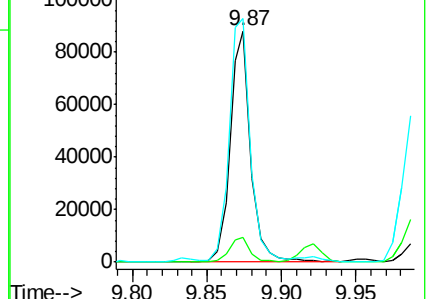
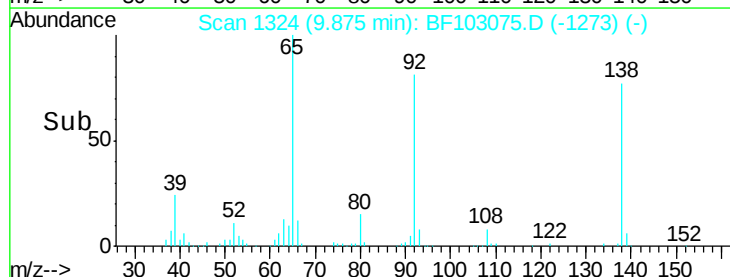
92 105.2 89.4 134.2

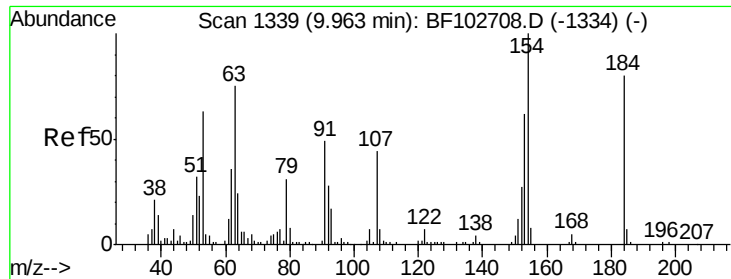


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

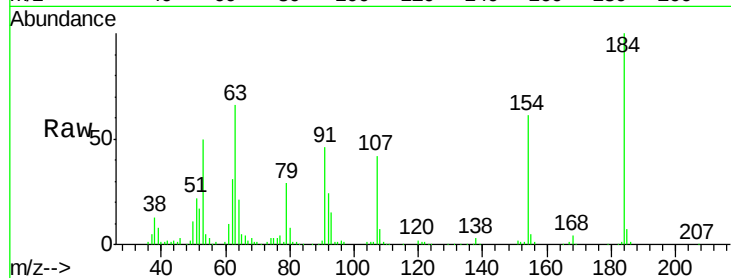




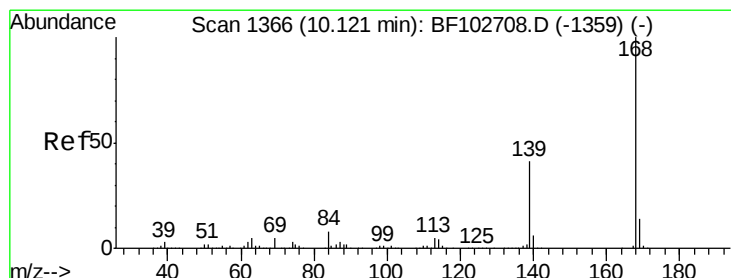
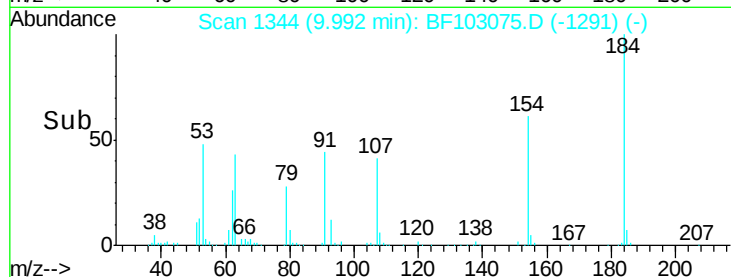
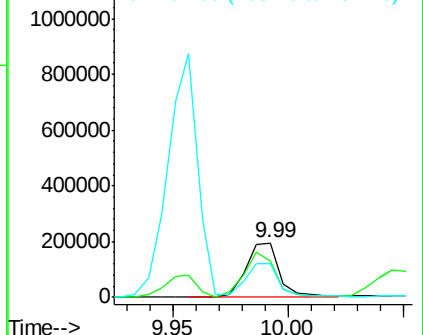
#53  
2,4-Dinitrophenol  
Concen: 102.651 ng  
RT: 9.99 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:184 Resp: 198839  
Ion Ratio Lower Upper  
184 100  
63 66.2 54.2 81.2  
154 61.1 184.0 276.0#

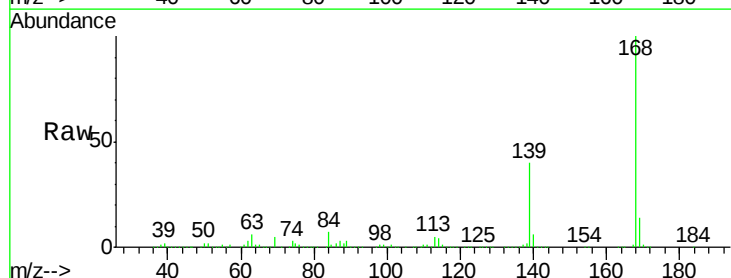


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BF1  
Ion 154.00 (153.70 to 154.70): E

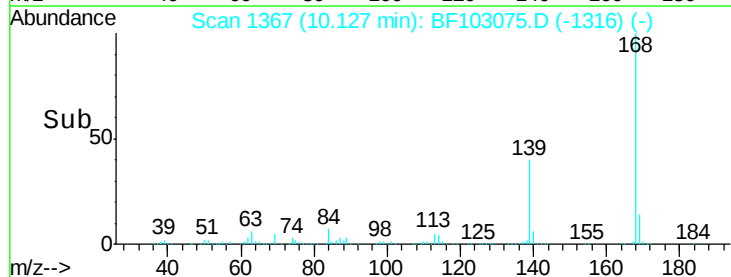
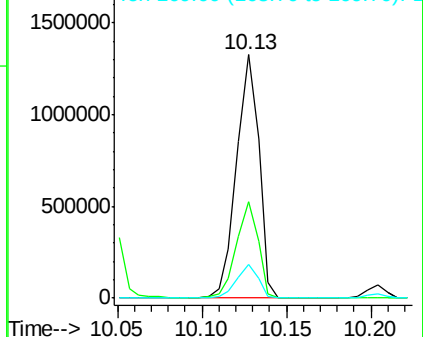


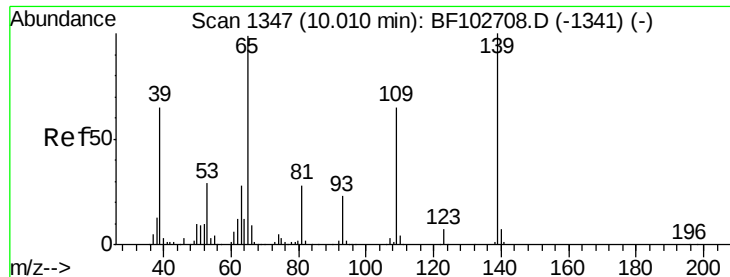
#54  
Dibenzofuran  
Concen: 43.638 ng  
RT: 10.13 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:168 Resp: 1226282  
Ion Ratio Lower Upper  
168 100  
139 39.7 30.1 45.1  
169 13.7 10.9 16.3



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 169.00 (168.70 to 169.70): E

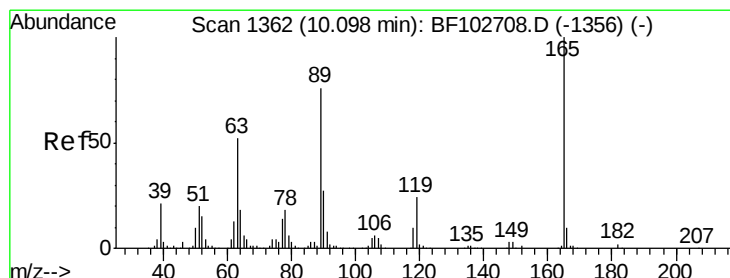
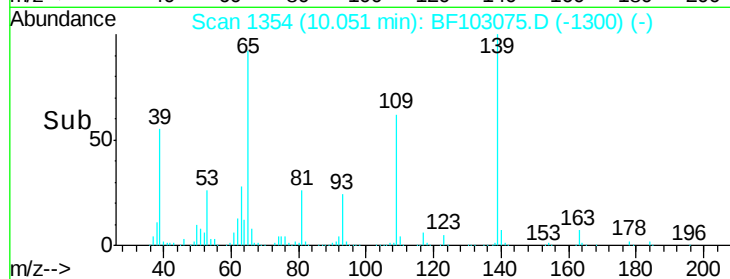
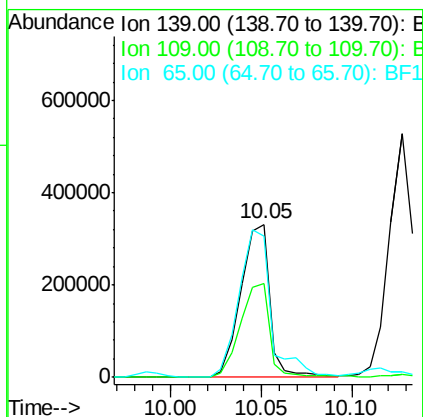
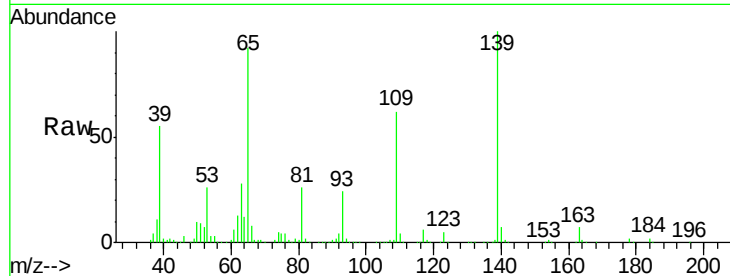




#55  
4-Nitrophenol  
Concen: 76.253 ng  
RT: 10.05 min Scan# 1354  
Delta R.T. 0.02 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

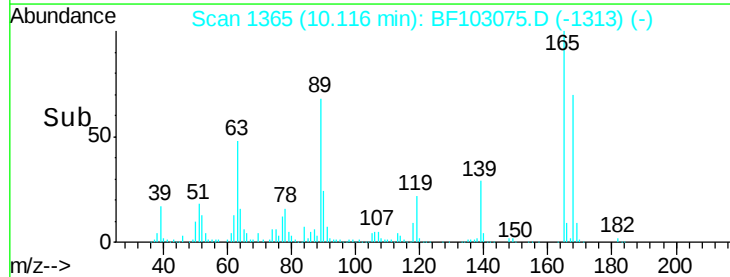
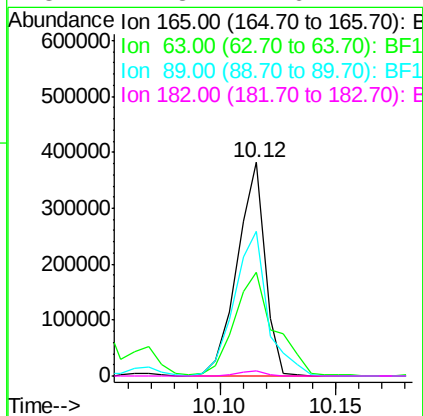
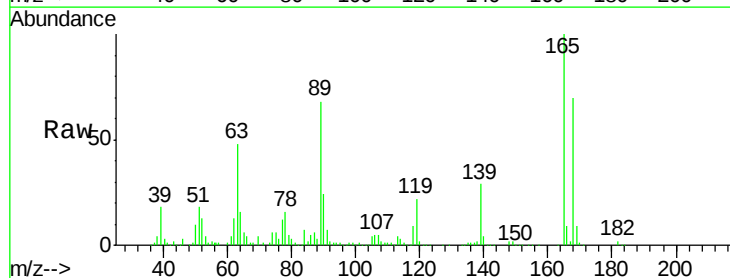
Instrument :  
BNA\_F  
ClientSampleId :

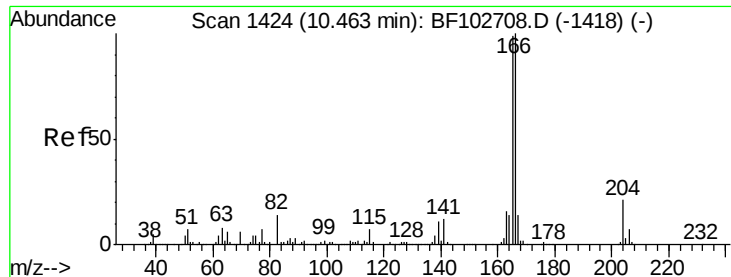
Tot Ion:139 Resp: 369343  
Ion Ratio Lower Upper  
139 100  
109 61.6 48.4 88.4  
65 92.1 72.6 112.6



#56  
2,4-Dinitrotoluene  
Concen: 50.116 ng  
RT: 10.12 min Scan# 1365  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:165 Resp: 323738  
Ion Ratio Lower Upper  
165 100  
63 48.3 36.4 54.6  
89 67.9 57.8 86.6  
182 2.3 1.6 2.4





#57

Fluorene

Concen: 45.655 ng

RT: 10.47 min Scan# 1425

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

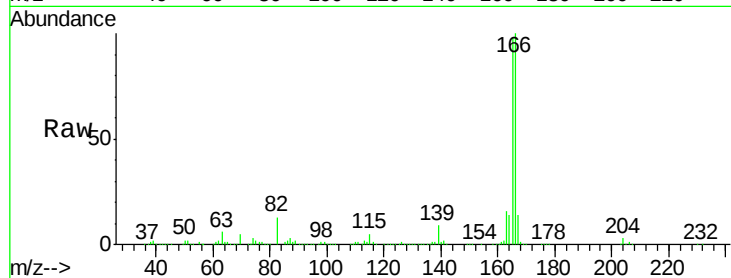
Tot Ion:166 Resp: 933461

Ion Ratio Lower Upper

166 100

165 98.4 79.8 119.8

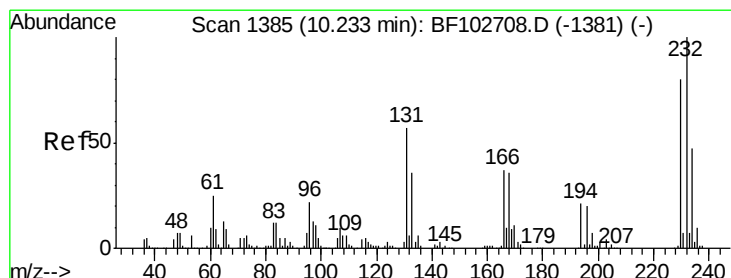
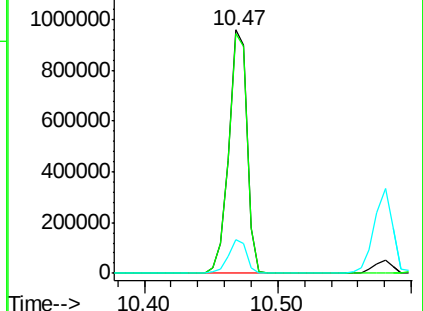
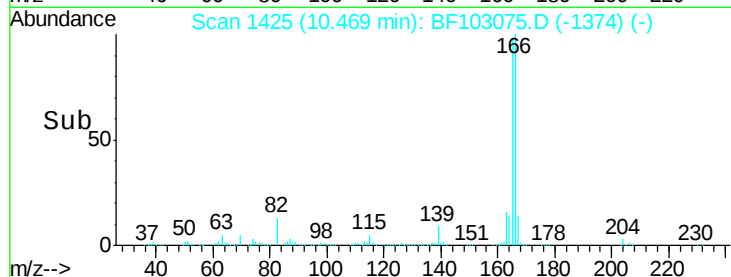
167 13.7 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.543 ng

RT: 10.25 min Scan# 1387

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Tgt Ion:232 Resp: 228611

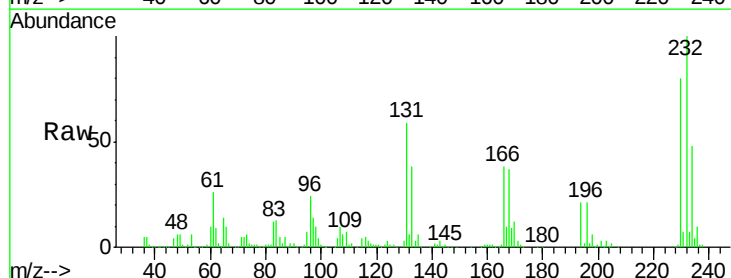
Ion Ratio Lower Upper

232 100

131 56.8 43.8 65.8

130 2.5 2.1 3.1

166 35.4 27.8 41.6

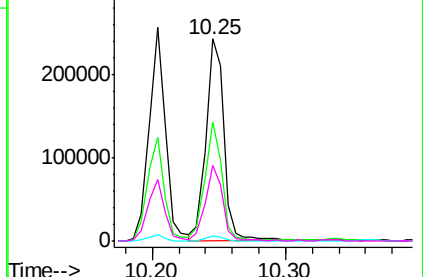
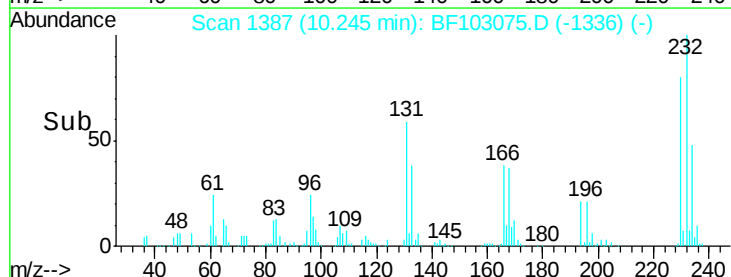


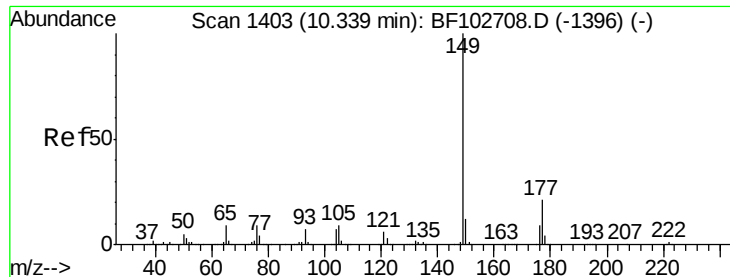
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

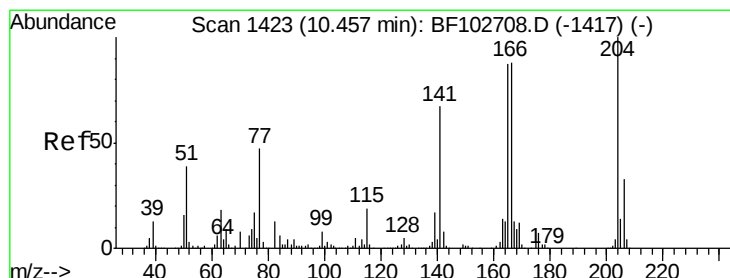
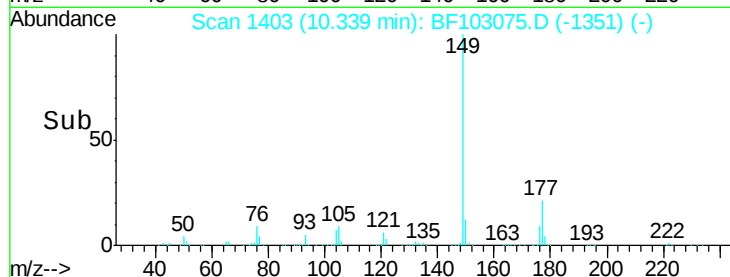
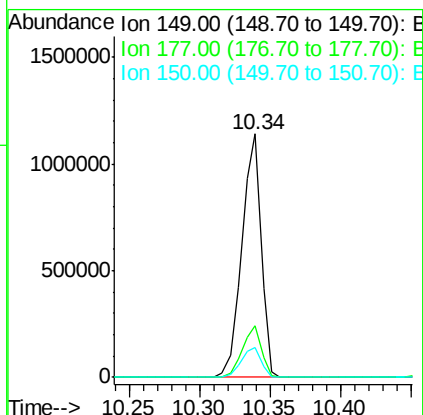
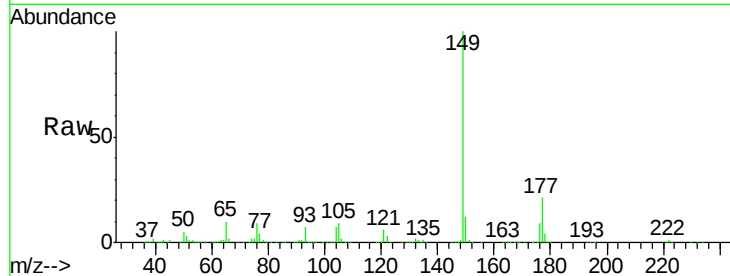




#59  
Diethylphthalate  
Concen: 43.377 ng  
RT: 10.34 min Scan# 1403  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

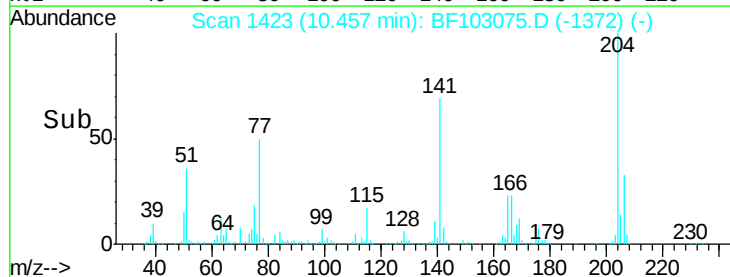
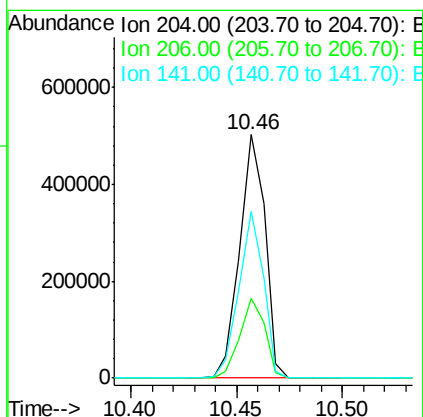
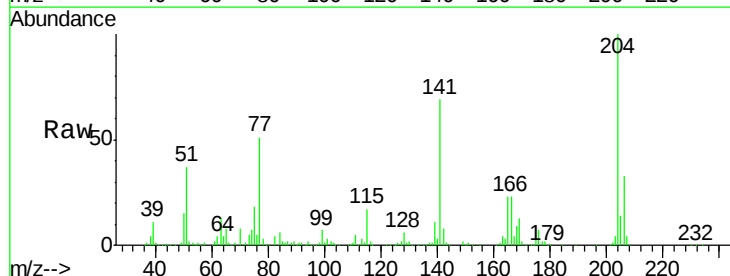
Instrument :  
BNA\_F  
ClientSampleId :

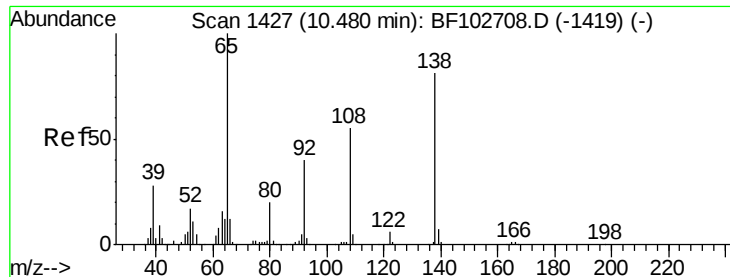
Tot Ion:149 Resp: 1081200  
Ion Ratio Lower Upper  
149 100  
177 21.3 16.1 24.1  
150 12.1 10.1 15.1



#60  
4-Chlorophenyl-phenylether  
Concen: 46.311 ng  
RT: 10.46 min Scan# 1423  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:204 Resp: 418865  
Ion Ratio Lower Upper  
204 100  
206 32.5 26.5 39.7  
141 68.6 54.6 81.8

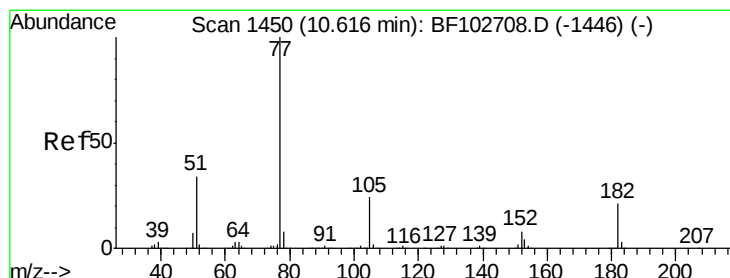
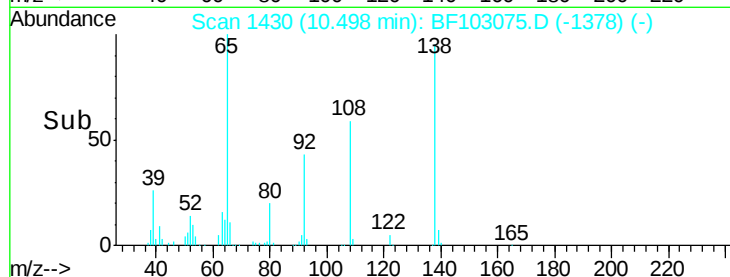
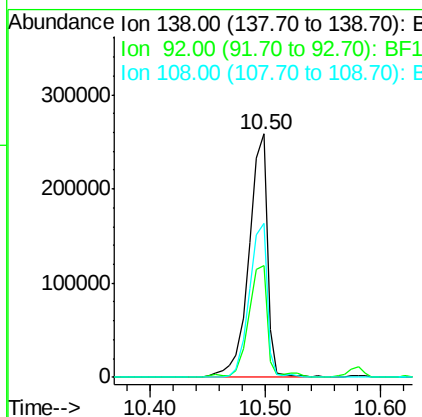
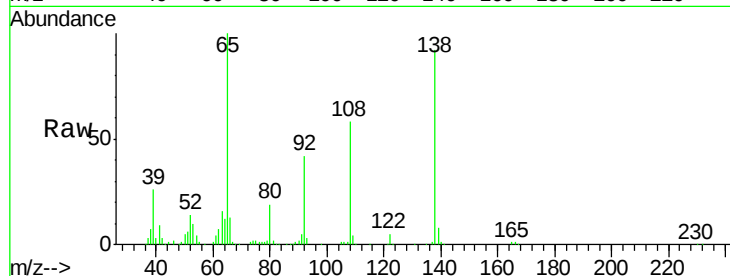




#61  
4-Nitroaniline  
Concen: 51.187 ng  
RT: 10.50 min Scan# 1430  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

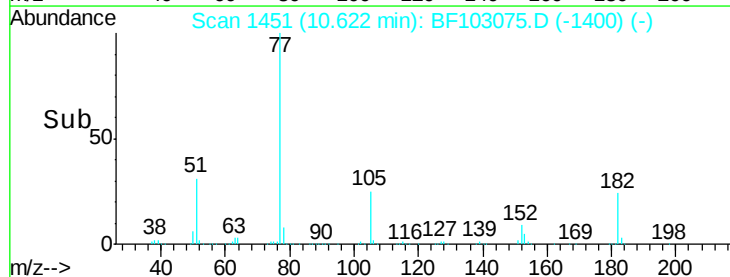
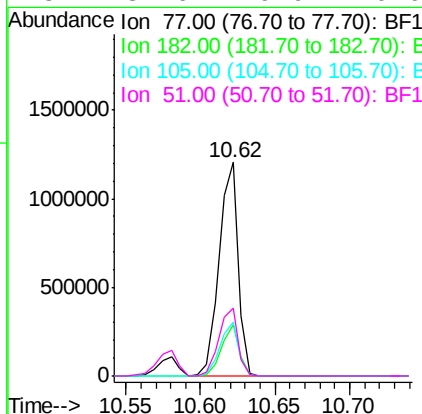
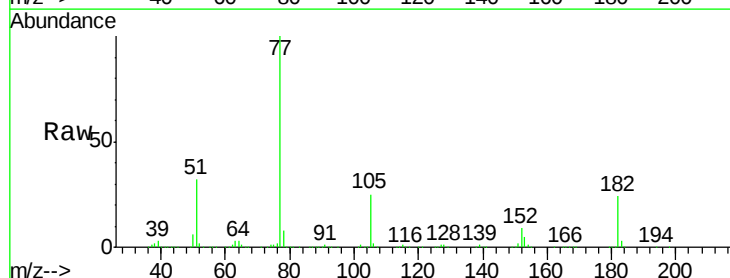
Instrument :  
BNA\_F  
ClientSampleId :

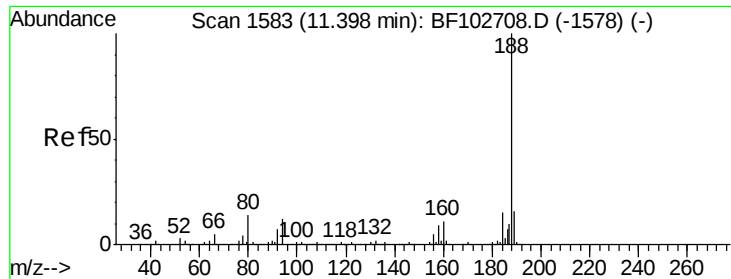
Tot Ion:138 Resp: 287921  
Ion Ratio Lower Upper  
138 100  
92 45.8 30.2 70.2  
108 63.3 52.5 92.5



#62  
Azobenzene  
Concen: 43.473 ng  
RT: 10.62 min Scan# 1451  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion: 77 Resp: 1082528  
Ion Ratio Lower Upper  
77 100  
182 24.3 1.7 41.7  
105 25.3 3.0 43.0  
51 31.6 9.9 49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

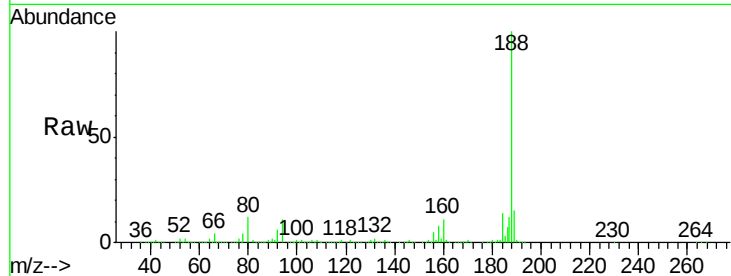
Tot Ion:188 Resp: 566819

Ion Ratio Lower Upper

188 100

94 11.3 8.5 12.7

80 12.0 9.2 13.8

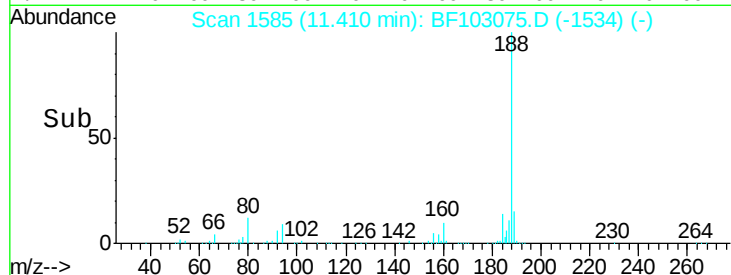


Abundance Ion 188.00 (187.70 to 188.70): E

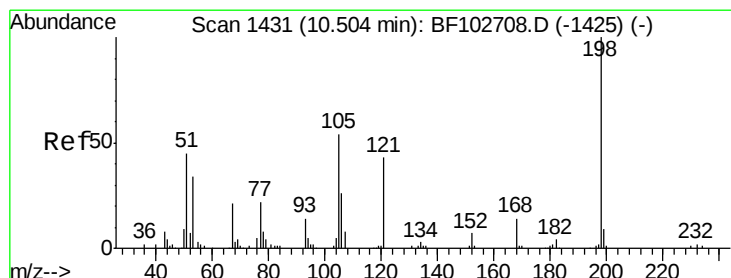
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time--> 11.35 11.40 11.45



Time--> 11.35 11.40 11.45



#64

4,6-Dinitro-2-methylphenol

Concen: 57.050 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

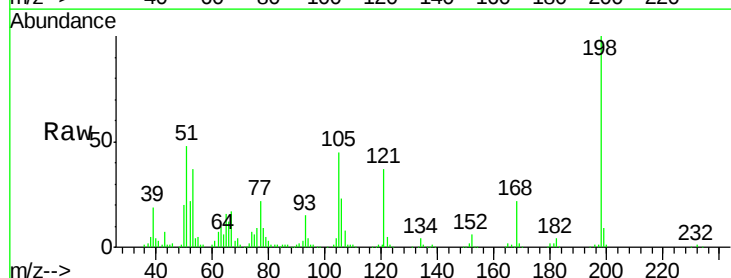
Tgt Ion:198 Resp: 143170

Ion Ratio Lower Upper

198 100

51 47.8 37.7 77.7

105 45.2 36.3 76.3

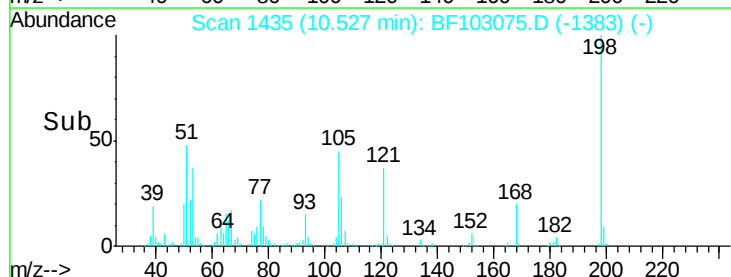


Abundance Ion 198.00 (197.70 to 198.70): E

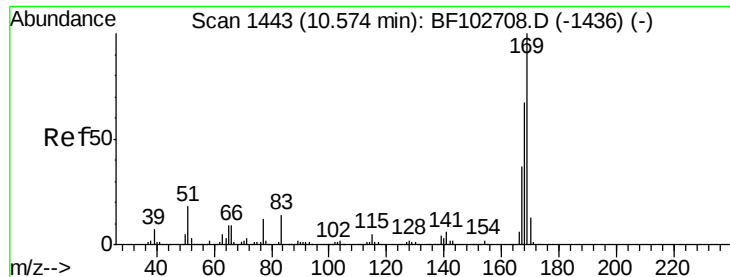
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time--> 10.50 10.53 10.56



Time--> 10.50 10.53 10.56



#65

n-Nitrosodiphenylamine

Concen: 42.185 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

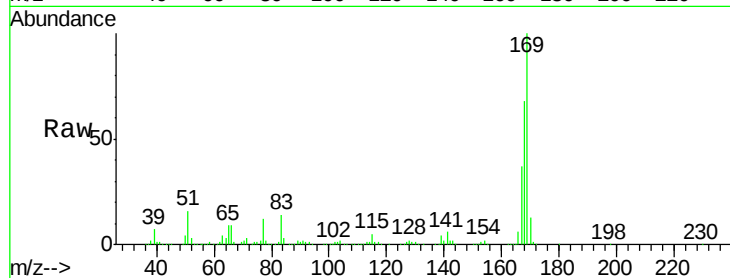
Tot Ion:169 Resp: 843414

Ion Ratio Lower Upper

169 100

168 68.1 54.4 81.6

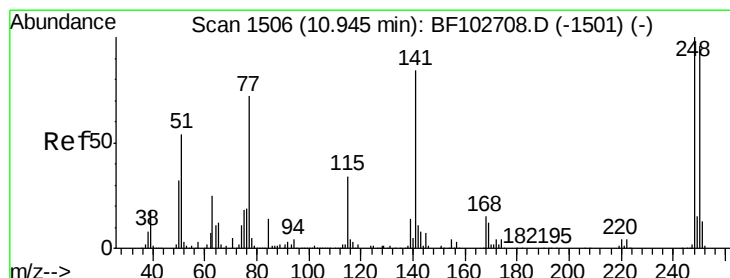
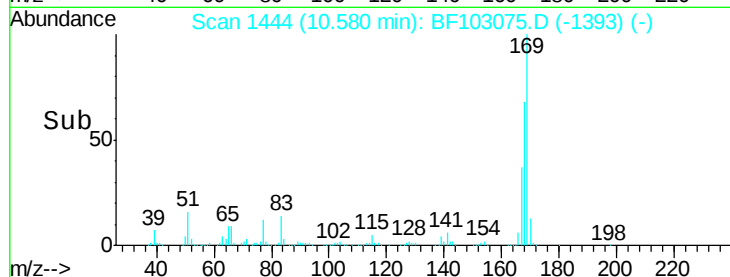
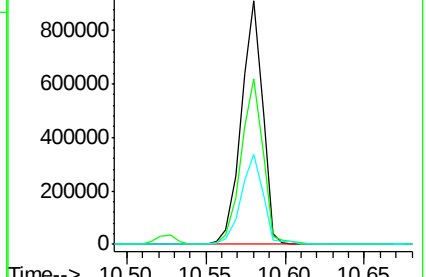
167 36.9 29.8 44.6



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: 44.648 ng

RT: 10.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

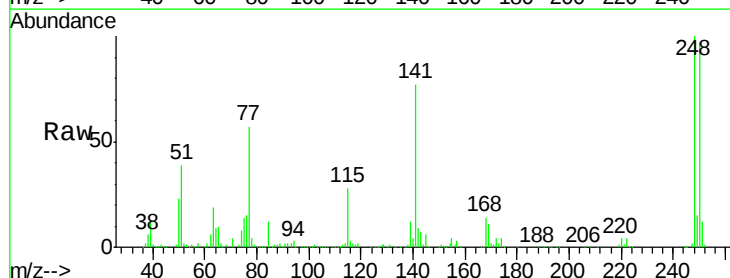
Tgt Ion:248 Resp: 267706

Ion Ratio Lower Upper

248 100

250 97.3 76.9 115.3

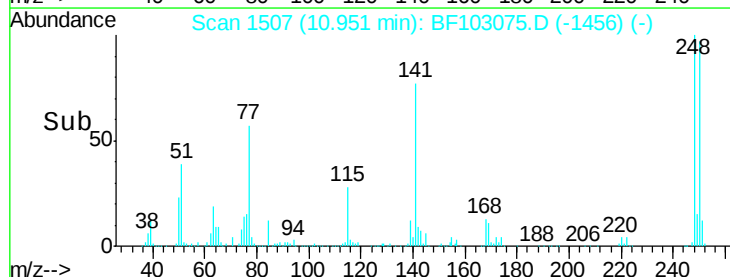
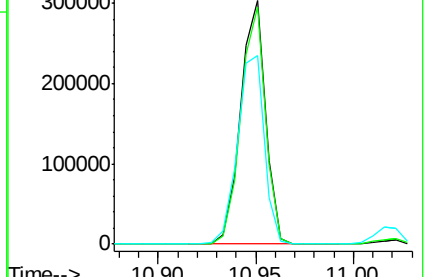
141 77.4 74.4 111.6

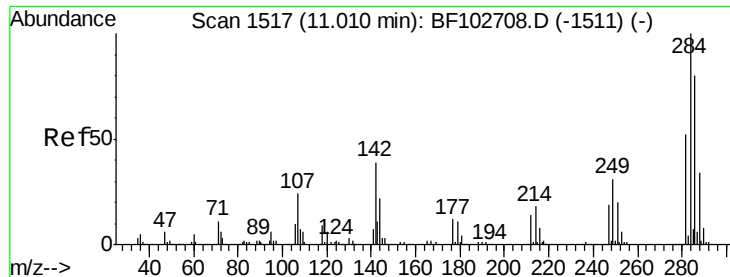


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

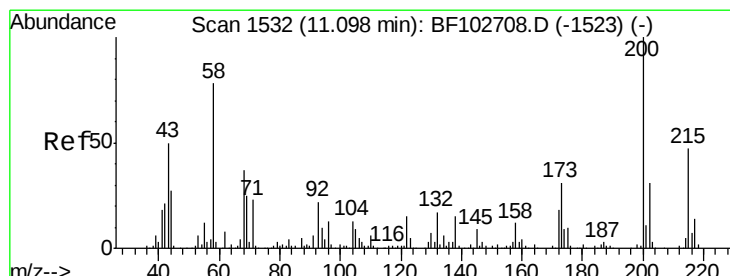
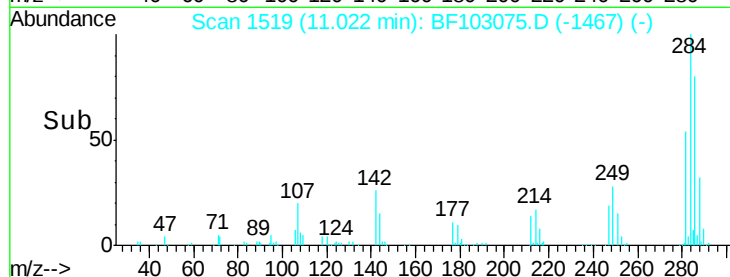
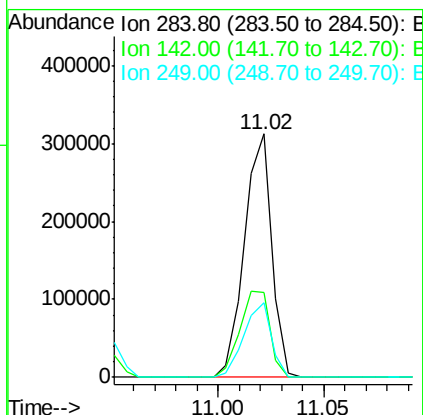
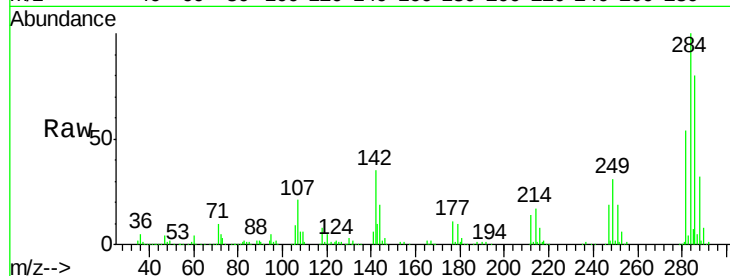




#67  
Hexachlorobenzene  
Concen: 42.503 ng  
RT: 11.02 min Scan# 1519  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

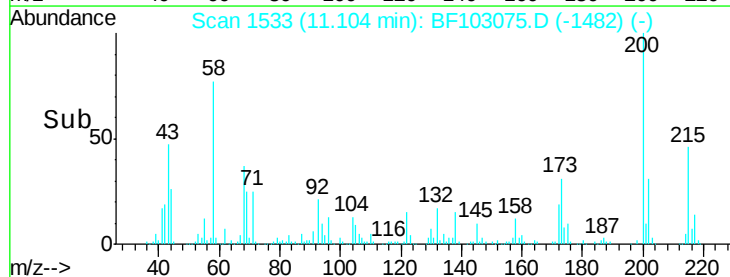
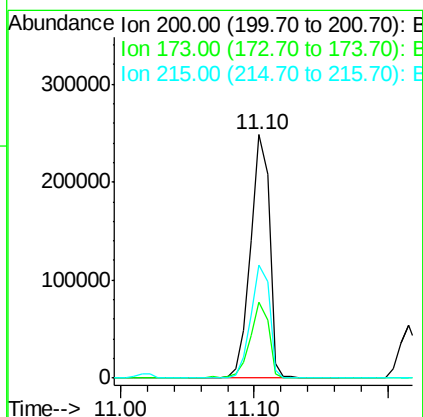
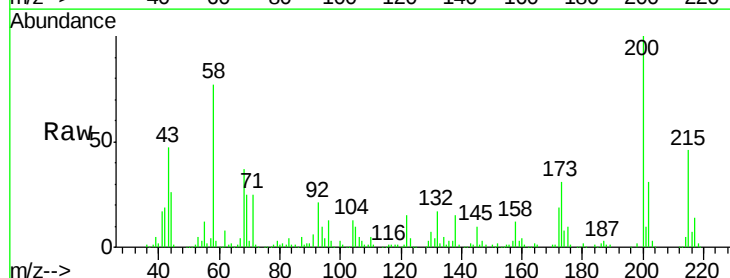
Instrument :  
BNA\_F  
ClientSampleId :

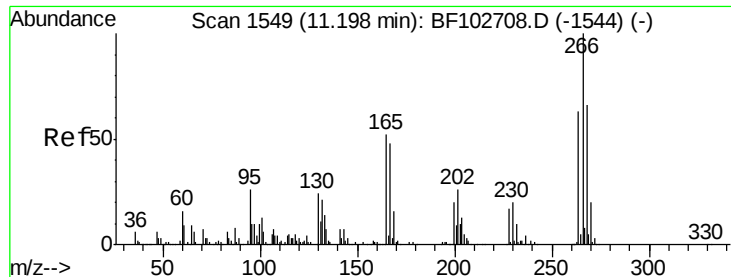
Tot Ion:284 Resp: 281140  
Ion Ratio Lower Upper  
284 100  
142 34.7 34.6 52.0  
249 30.6 24.8 37.2



#68  
Atrazine  
Concen: 40.546 ng  
RT: 11.10 min Scan# 1533  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:200 Resp: 239152  
Ion Ratio Lower Upper  
200 100  
173 31.1 8.6 48.6  
215 46.3 25.1 65.1





#69

Pentachlorophenol

Concen: 71.461 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampled :

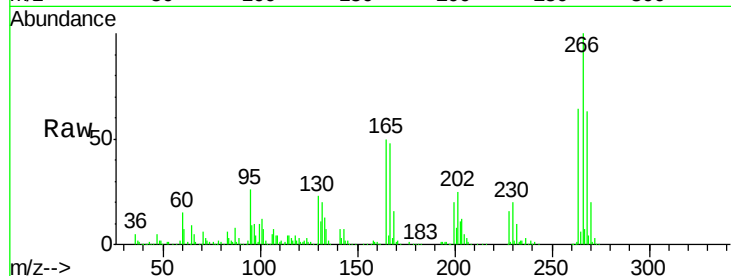
Tot Ion:266 Resp: 277477

Ion Ratio Lower Upper

266 100

268 63.2 51.1 76.7

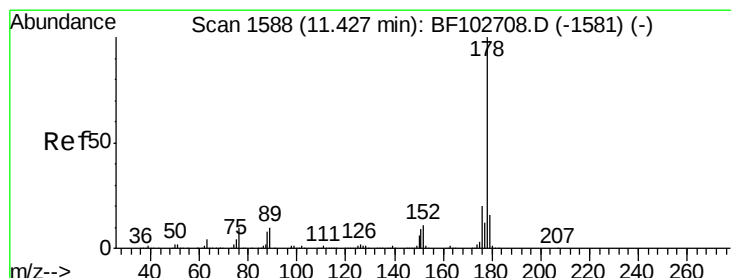
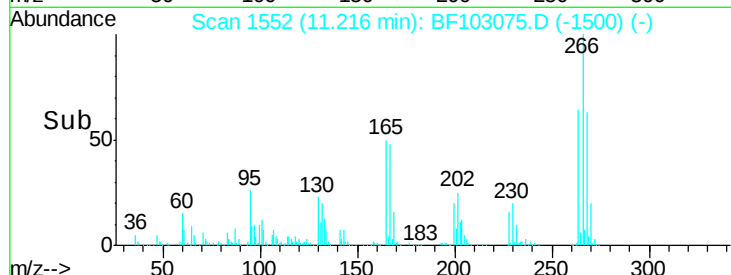
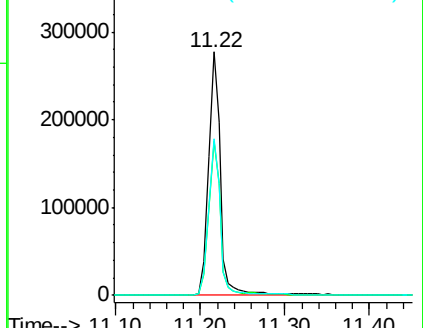
264 64.2 49.5 74.3



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: 42.097 ng

RT: 11.44 min Scan# 1590

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

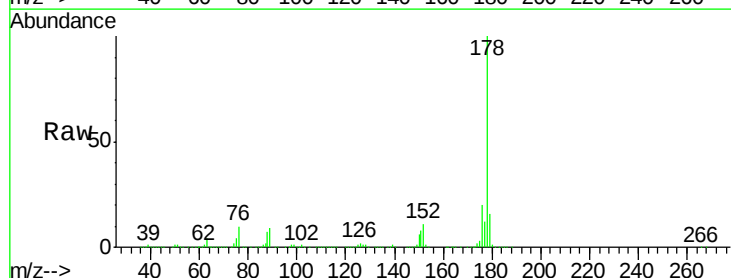
Tgt Ion:178 Resp: 1328923

Ion Ratio Lower Upper

178 100

176 19.8 15.8 23.8

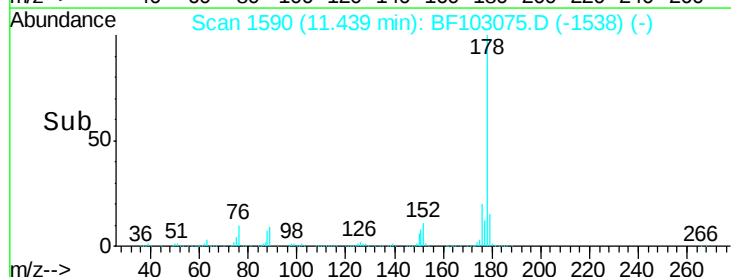
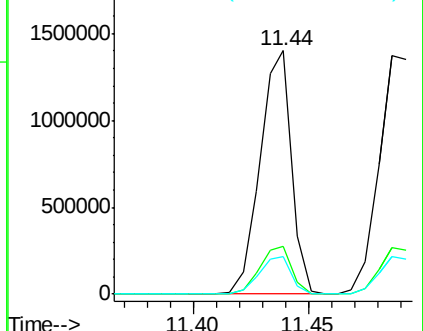
179 15.5 13.0 19.6

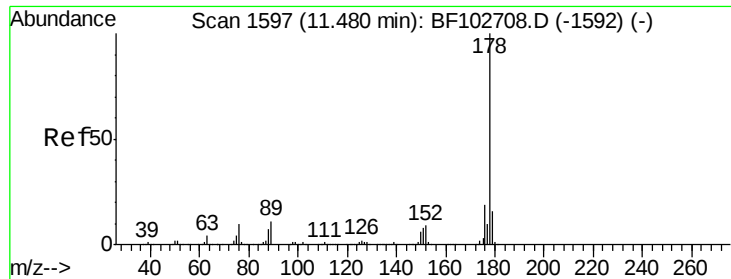


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

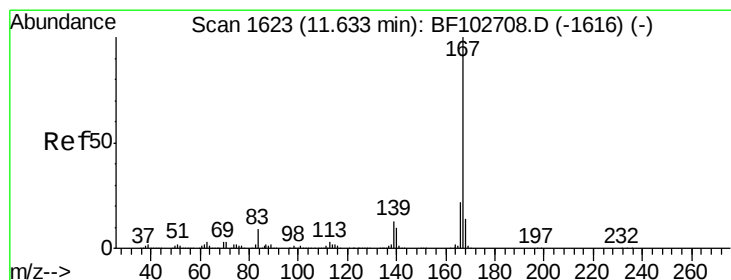
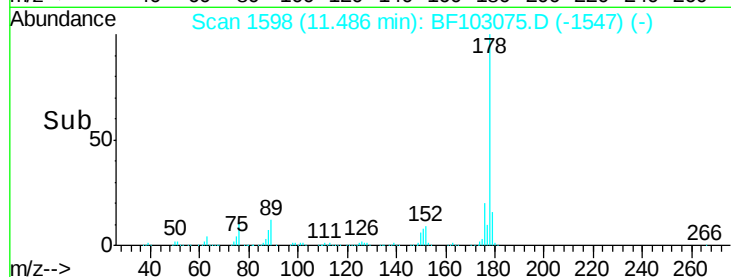
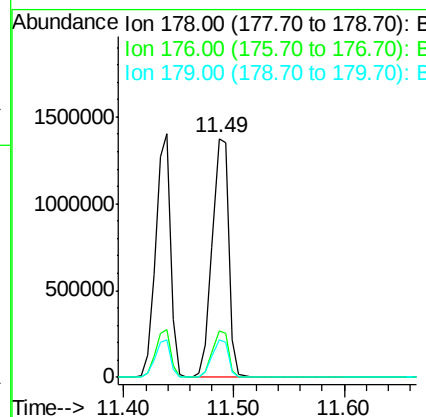
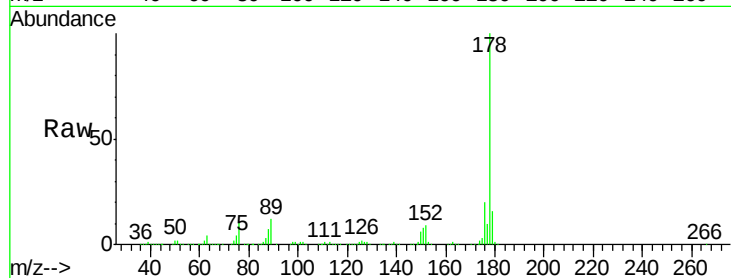




#71  
 Anthracene  
 Concen: 43.255 ng  
 RT: 11.49 min Scan# 1598  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

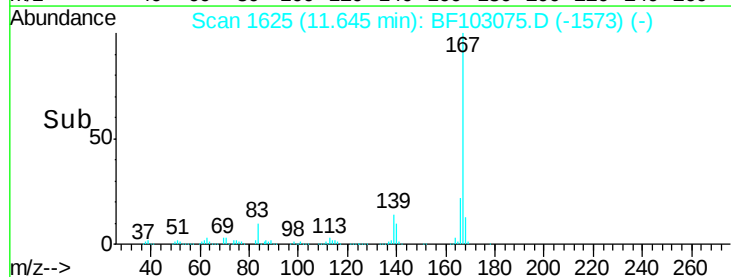
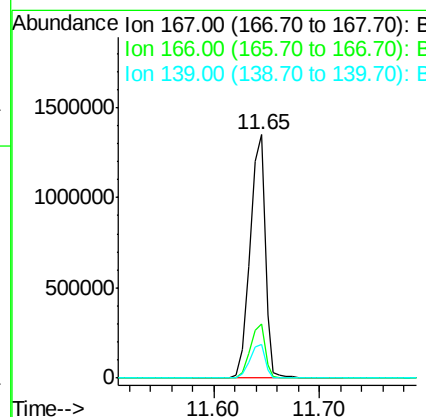
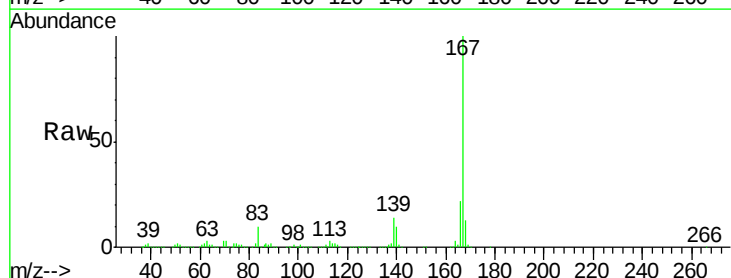
Instrument :  
 BNA\_F  
 ClientSampleId :

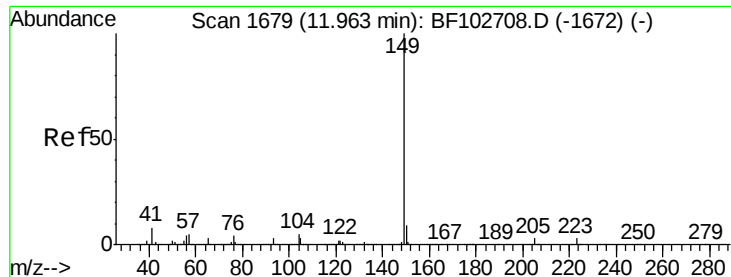
Tot Ion:178 Resp: 1388806  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.4 23.2  
 179 15.8 12.6 19.0



#72  
 Carbazole  
 Concen: 42.285 ng  
 RT: 11.65 min Scan# 1625  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Tgt Ion:167 Resp: 1330094  
 Ion Ratio Lower Upper  
 167 100  
 166 22.4 17.6 26.4  
 139 13.8 10.9 16.3





#73

Di-n-butylphthalate

Concen: 43.911 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

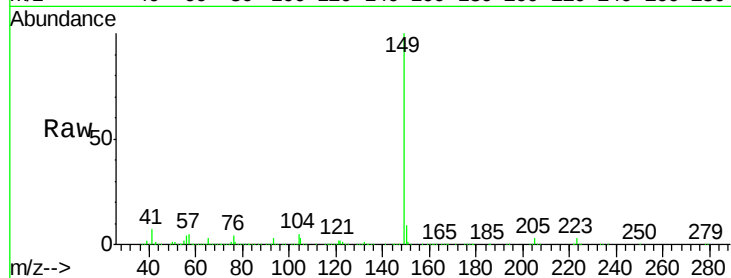
Tot Ion:149 Resp: 1677854

Ion Ratio Lower Upper

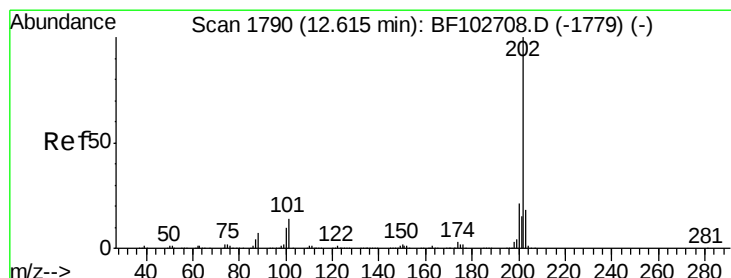
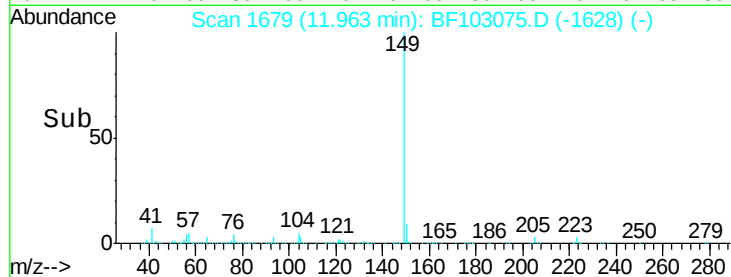
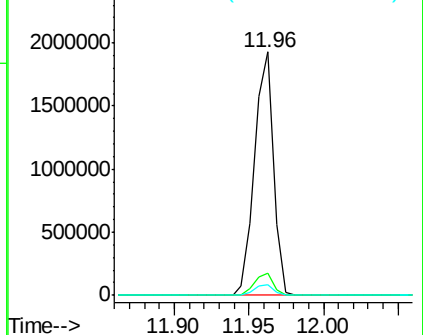
149 100

150 9.3 7.8 11.6

104 4.5 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: 42.749 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

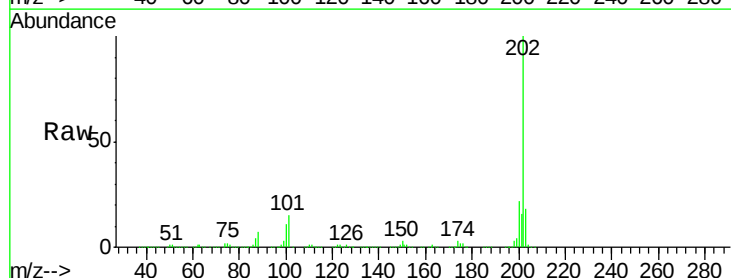
Tgt Ion:202 Resp: 1357752

Ion Ratio Lower Upper

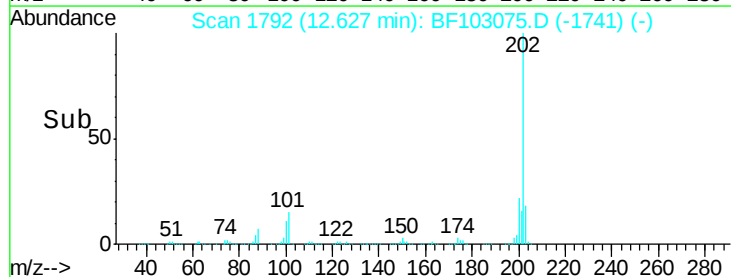
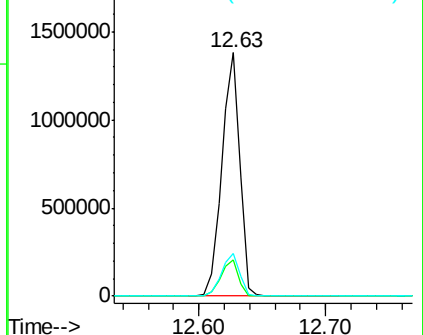
202 100

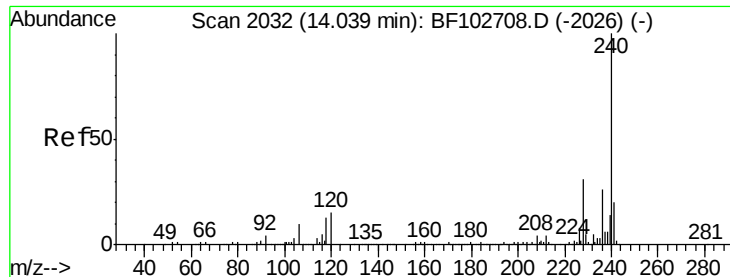
101 14.7 0.0 34.1

203 17.6 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: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

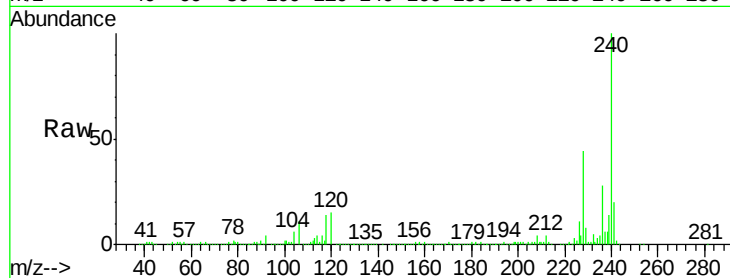
Tot Ion:240 Resp: 381170

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

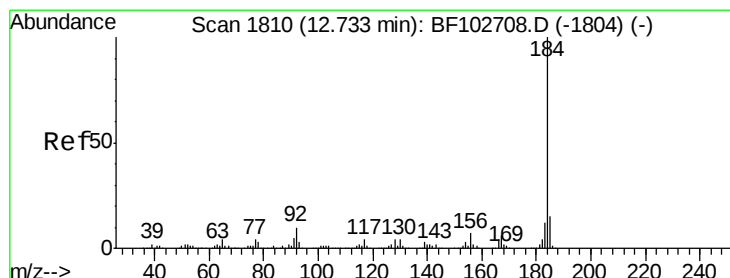
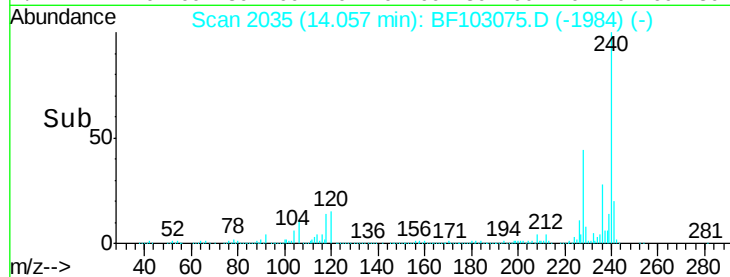
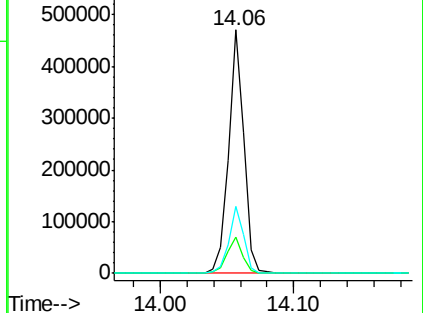
236 27.6 20.7 31.1



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: 8.157 ng

RT: 12.74 min Scan# 1811

Delta R.T. -0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

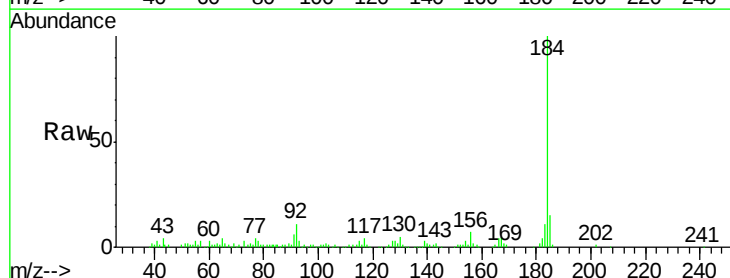
Tgt Ion:184 Resp: 142897

Ion Ratio Lower Upper

184 100

185 15.3 12.6 18.8

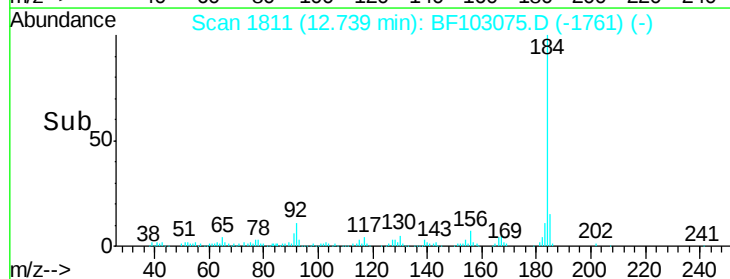
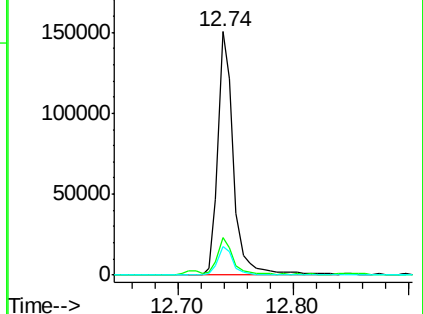
183 11.5 9.3 13.9

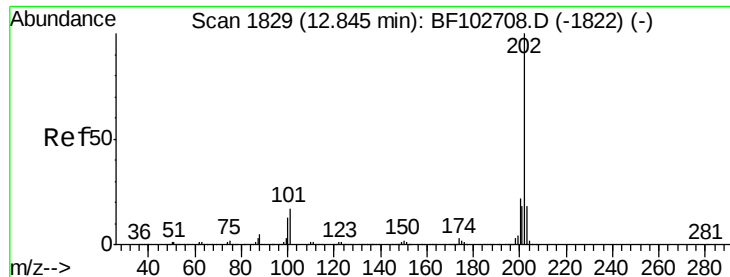


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

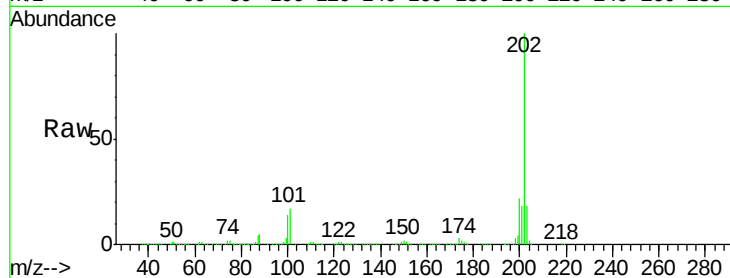




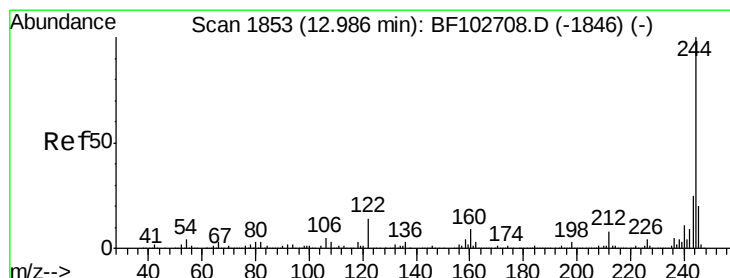
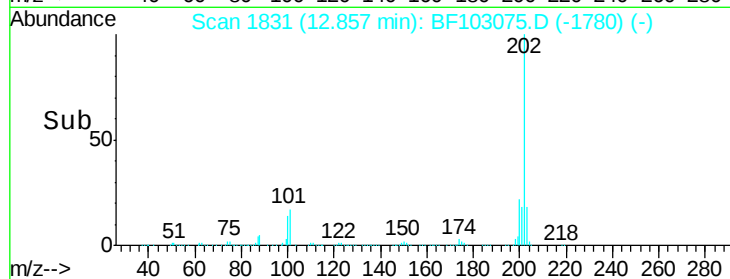
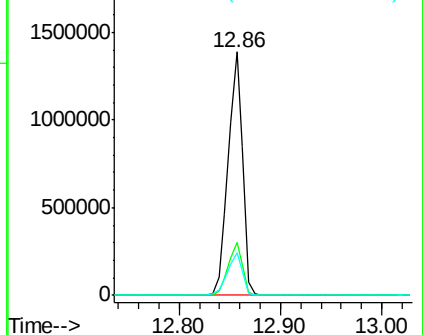
#77  
Pvrene  
Concen: 46.223 ng  
RT: 12.86 min Scan# 1831  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:202 Resp: 1381599  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.4 26.2  
203 17.5 14.3 21.5

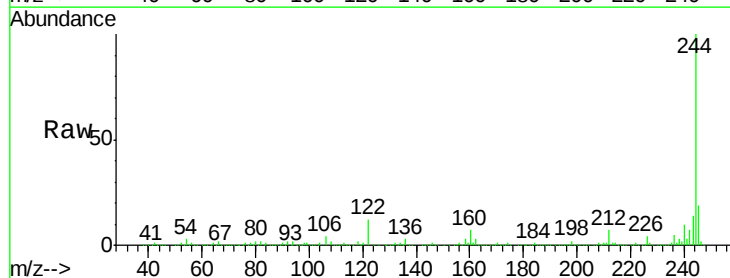


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

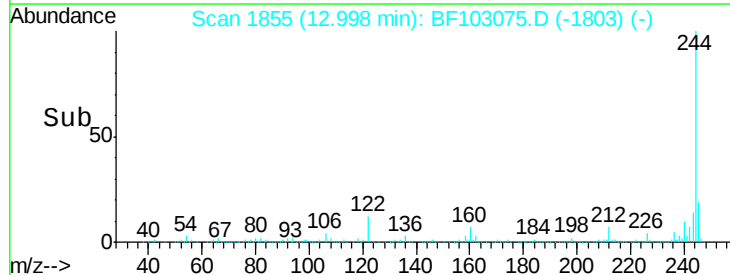
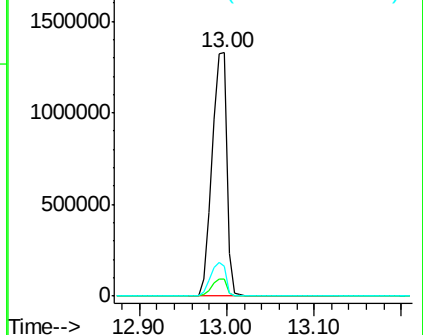


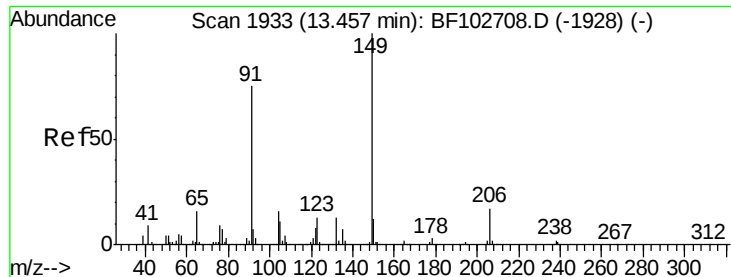
#78  
Terphenyl-d14  
Concen: 97.573 ng  
RT: 13.00 min Scan# 1855  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:244 Resp: 1570754  
Ion Ratio Lower Upper  
244 100  
212 6.8 5.4 8.0  
122 12.3 11.0 16.4



Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E

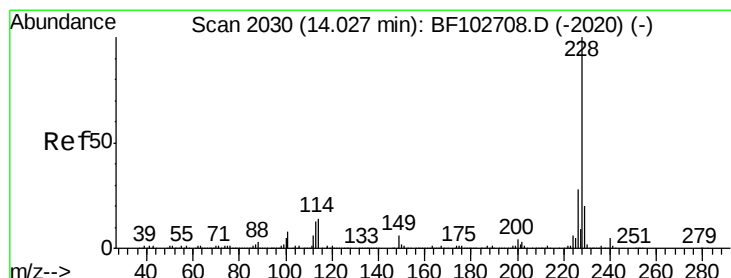
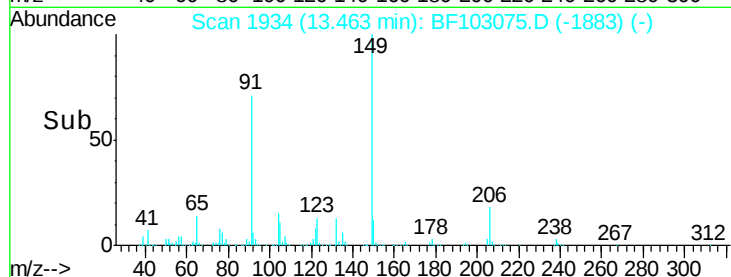
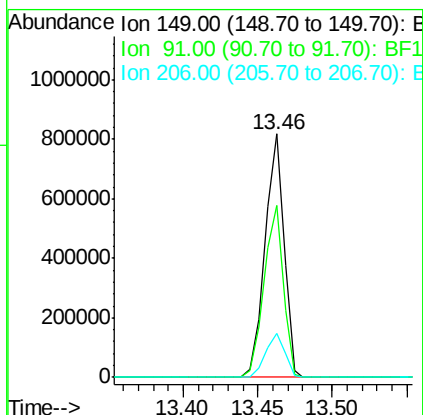
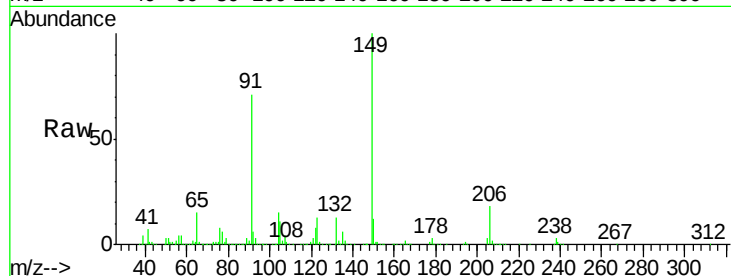




#79  
Butylbenzylphthalate  
Concen: 49.871 ng  
RT: 13.46 min Scan# 1934  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

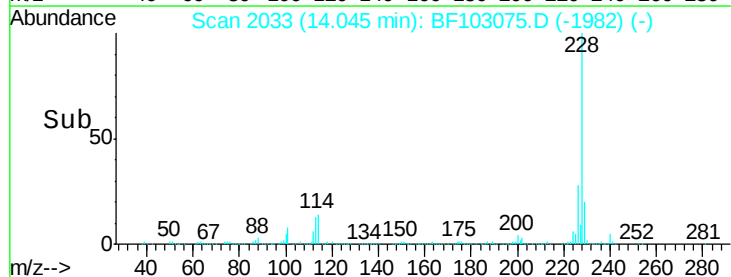
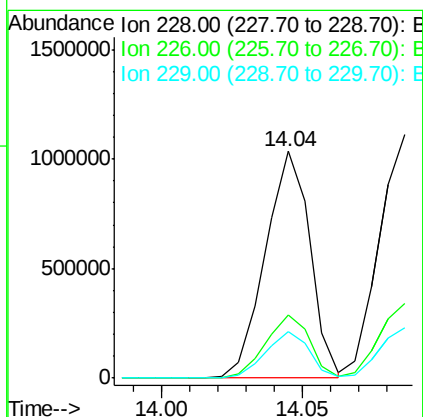
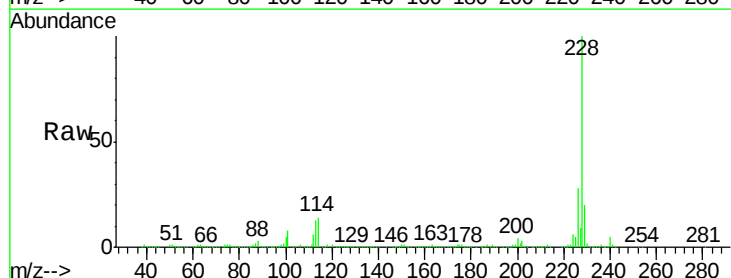
Instrument :  
BNA\_F  
ClientSampleId :

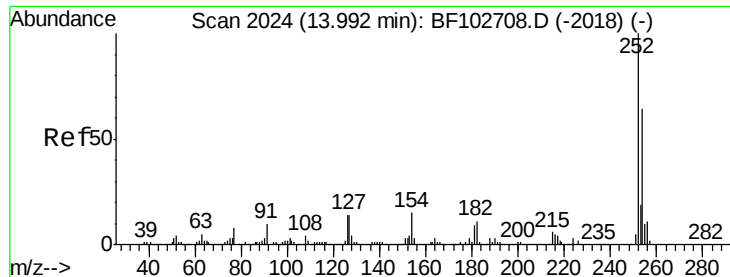
Tot Ion:149 Resp: 713602  
Ion Ratio Lower Upper  
149 100  
91 70.8 56.8 85.2  
206 18.2 14.1 21.1



#80  
Benzo(a)anthracene  
Concen: 47.377 ng  
RT: 14.04 min Scan# 2033  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:228 Resp: 1135716  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.6 33.8  
229 20.3 15.8 23.6

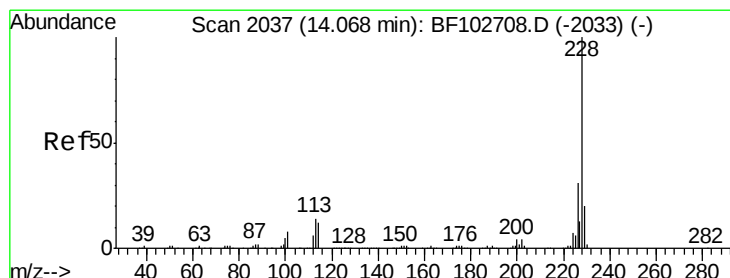
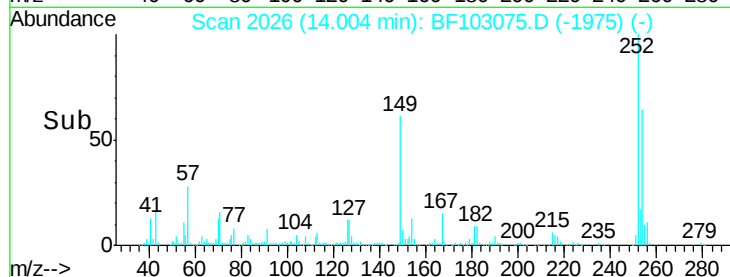
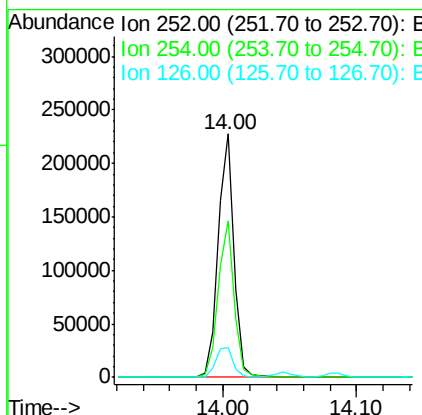
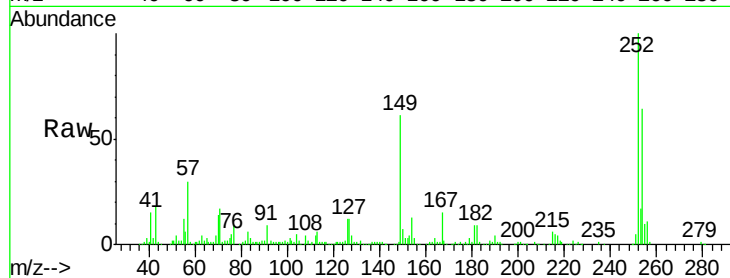




#81  
 3,3'-Dichlorobenzidine  
 Concen: 21.512 ng  
 RT: 14.00 min Scan# 2026  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

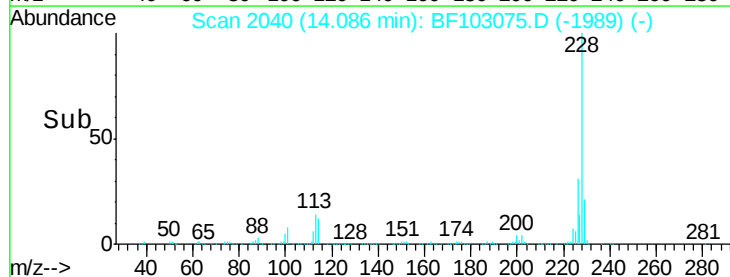
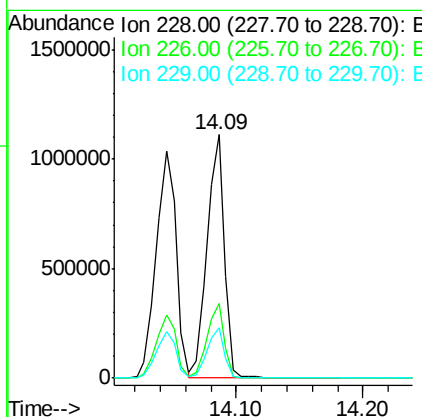
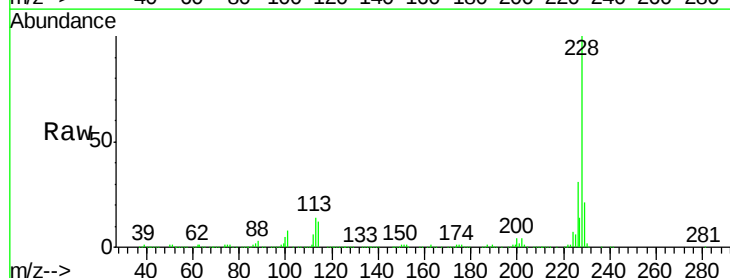
Instrument :  
 BNA\_F  
 ClientSampleId :

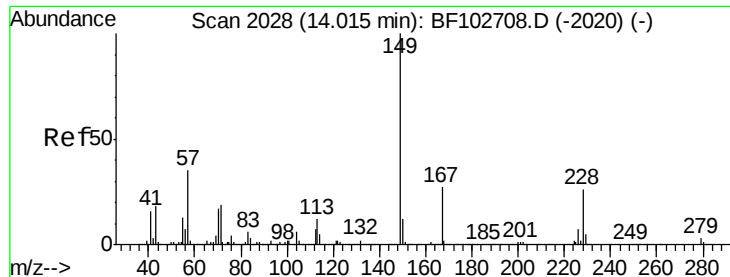
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.4  | 50.4  | 75.6  |
| 126     | 12.3  | 11.3  | 16.9  |



#82  
 Chrysene  
 Concen: 44.276 ng  
 RT: 14.09 min Scan# 2040  
 Delta R.T. -0.00 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 30.6  | 25.0  | 37.6  |
| 229     | 20.6  | 16.2  | 24.4  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.321 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

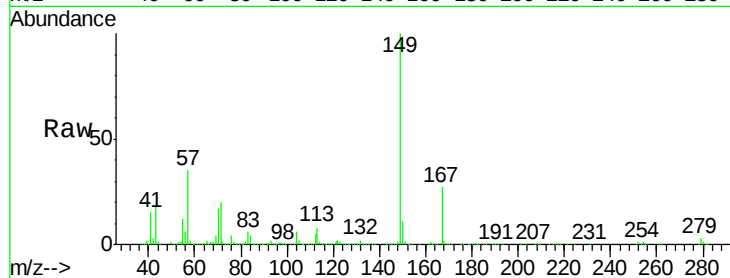
Tot Ion:149 Resp: 957998

Ion Ratio Lower Upper

149 100

167 26.6 21.3 31.9

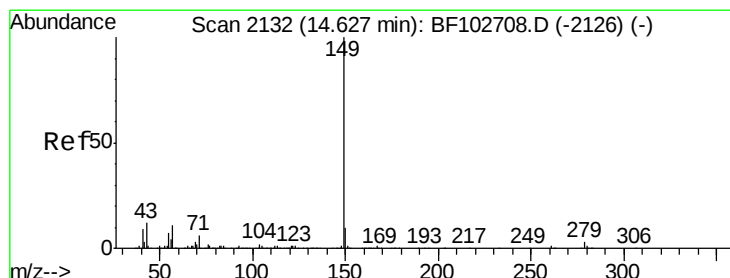
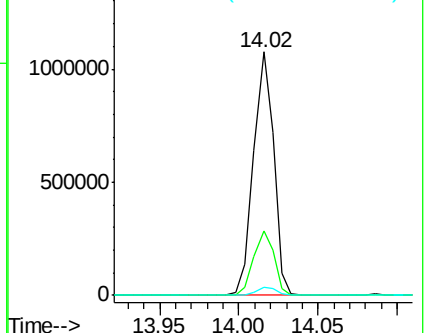
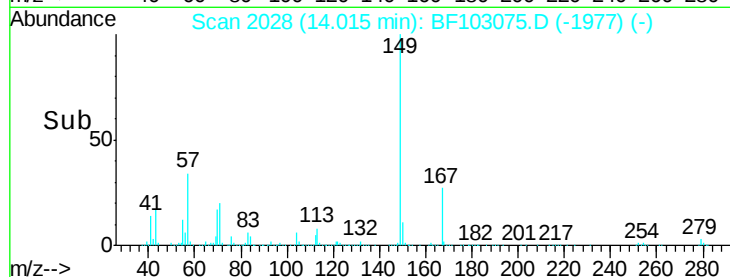
279 3.3 3.0 4.4



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: 55.090 ng

RT: 14.64 min Scan# 2134

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

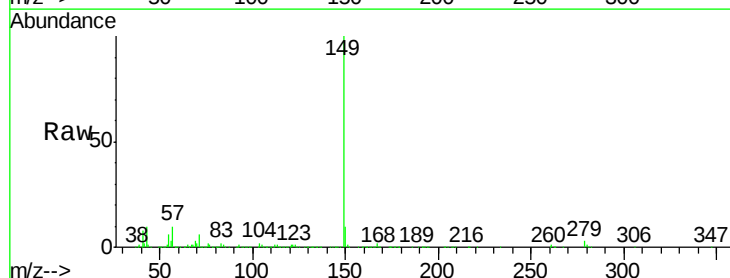
Tgt Ion:149 Resp: 1514587

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

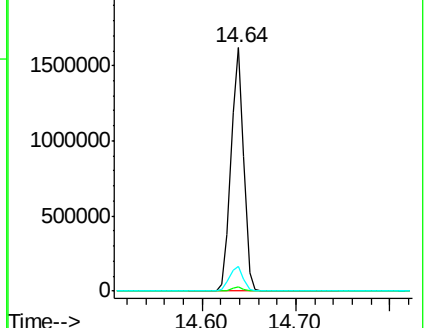
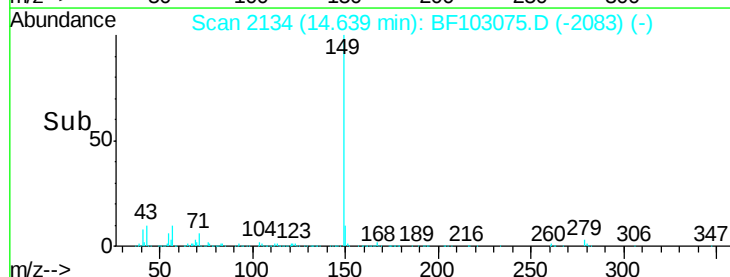
43 10.6 8.4 12.6

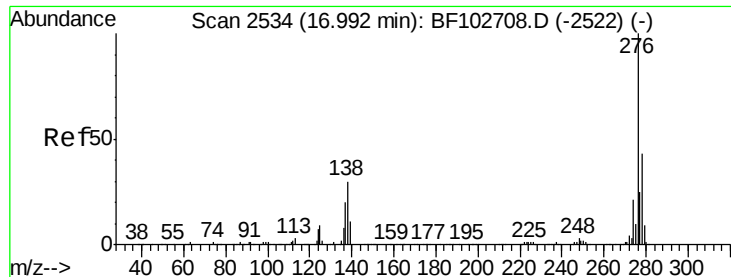


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

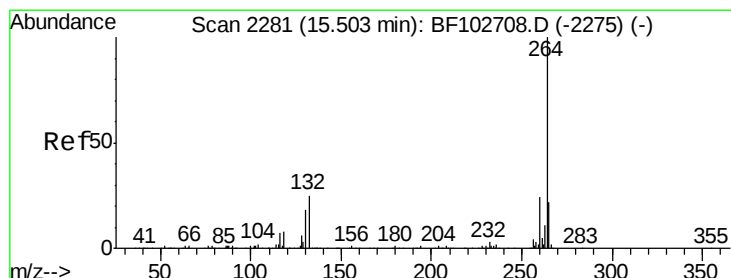
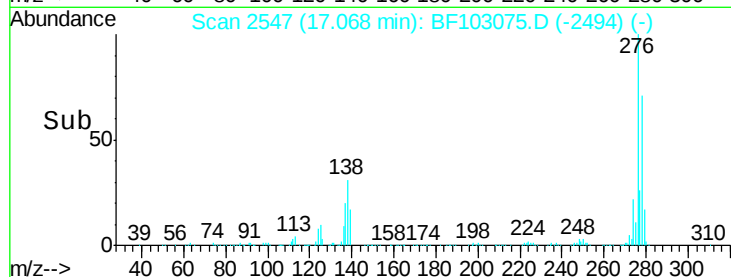
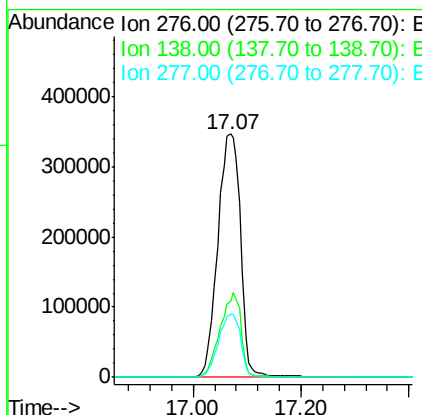
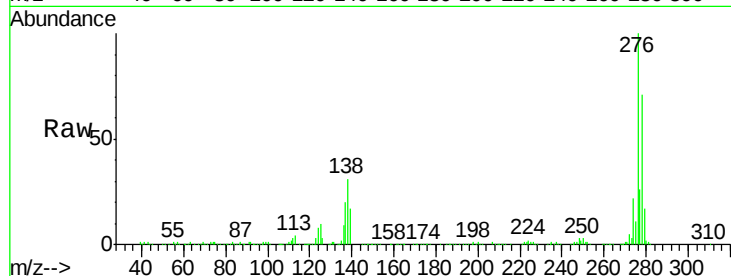




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 51.511 ng  
RT: 17.07 min Scan# 2547  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

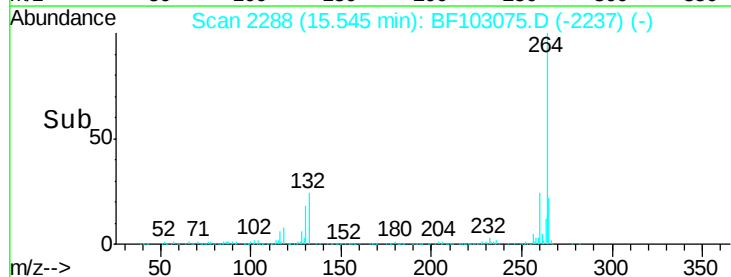
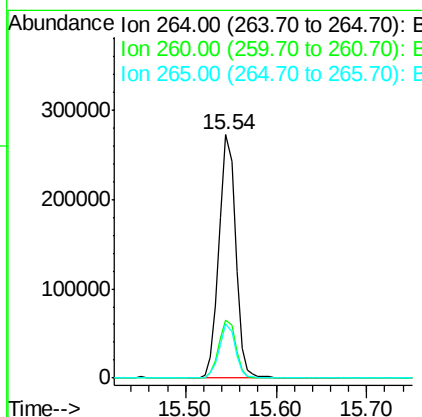
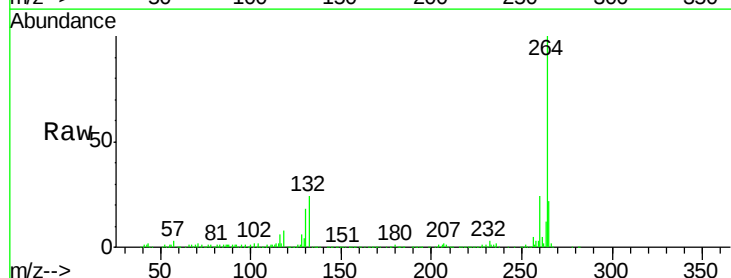
Instrument :  
BNA\_F  
ClientSampleId :

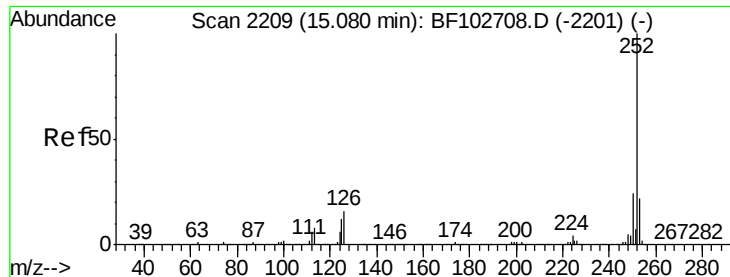
Tot Ion:276 Resp: 1032376  
Ion Ratio Lower Upper  
276 100  
138 32.4 25.0 37.6  
277 25.5 20.1 30.1



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 15.54 min Scan# 2288  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:264 Resp: 346938  
Ion Ratio Lower Upper  
264 100  
260 24.0 19.2 28.8  
265 22.2 17.5 26.3

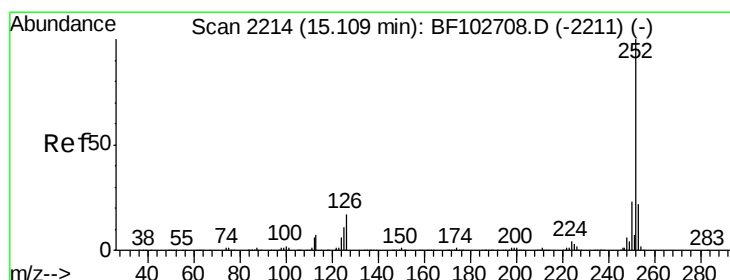
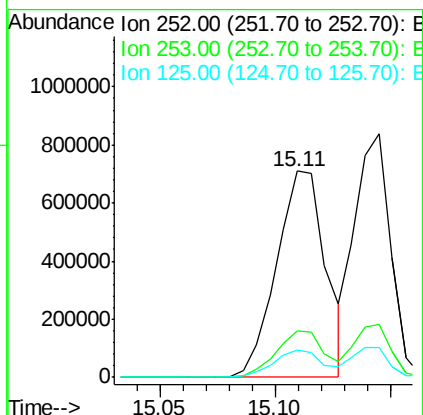
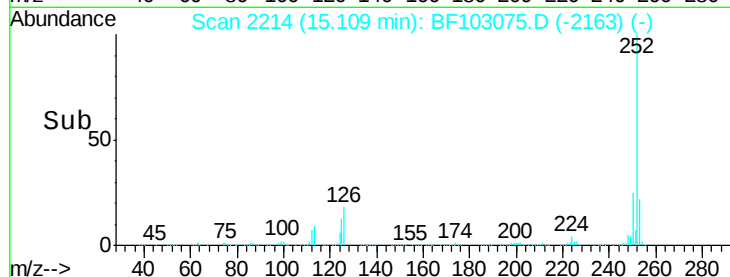
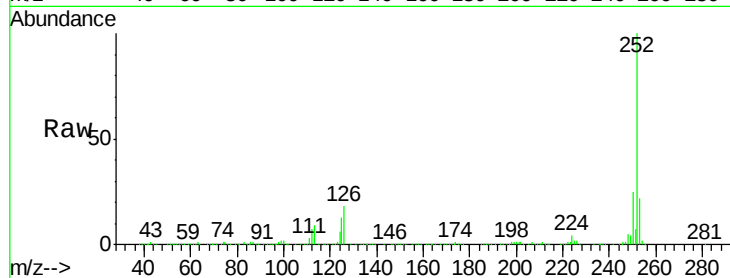




#87  
Benzo(b)fluoranthene  
Concen: 46.744 ng  
RT: 15.11 min Scan# 2214  
Delta R.T. -0.00 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

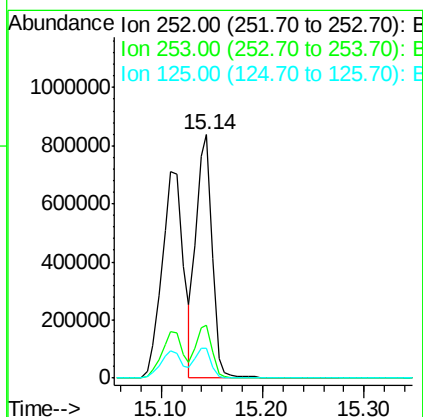
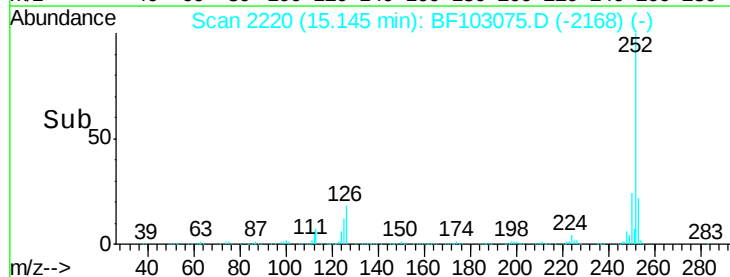
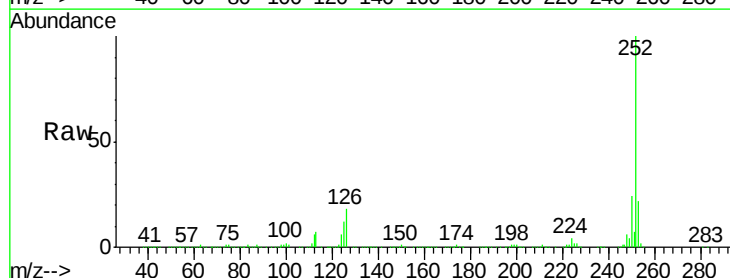
Instrument :  
BNA\_F  
ClientSampleId :

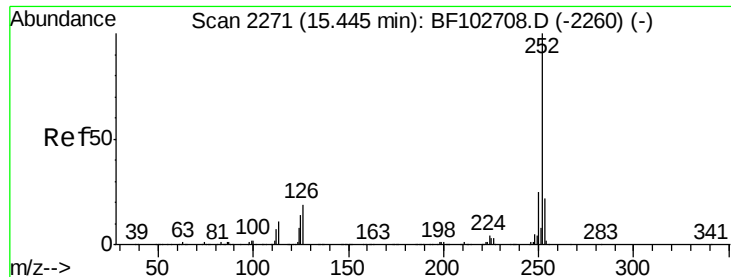
Tot Ion:252 Resp: 1051433  
Ion Ratio Lower Upper  
252 100  
253 22.4 17.0 25.6  
125 13.1 9.0 13.6



#88  
Benzo(k)fluoranthene  
Concen: 42.579 ng  
RT: 15.14 min Scan# 2220  
Delta R.T. 0.01 min  
Lab File: BF103075.D  
Acq: 19 Feb 2018 12:06

Tgt Ion:252 Resp: 915107  
Ion Ratio Lower Upper  
252 100  
253 21.6 17.9 26.9  
125 12.4 10.2 15.2





#89

Benzo(a)pyrene

Concen: 46.376 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.00 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

Instrument :

BNA\_F

ClientSampleId :

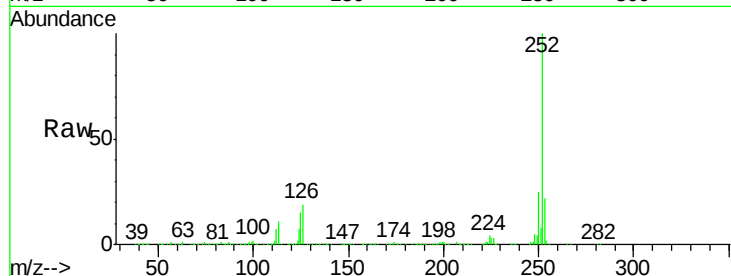
Tot Ion:252 Resp: 938958

Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

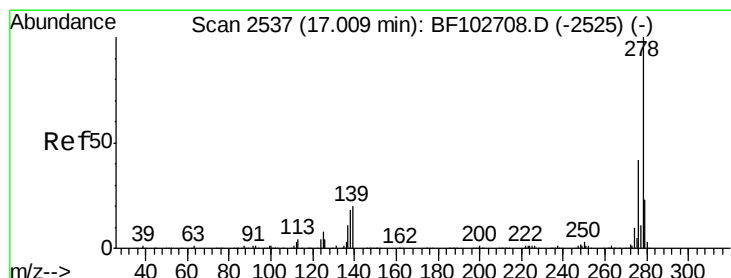
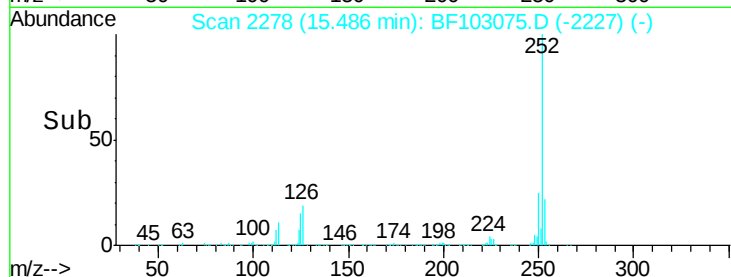
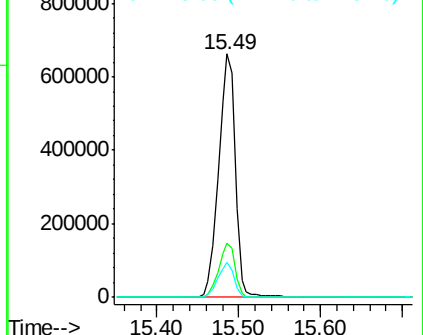
125 14.6 9.8 14.6



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: 51.701 ng

RT: 17.09 min Scan# 2550

Delta R.T. 0.01 min

Lab File: BF103075.D

Acq: 19 Feb 2018 12:06

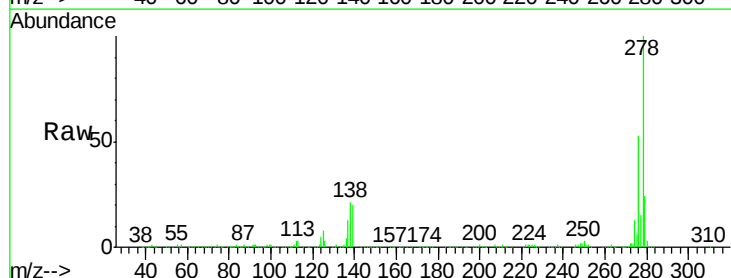
Tgt Ion:278 Resp: 849641

Ion Ratio Lower Upper

278 100

139 20.0 15.9 23.9

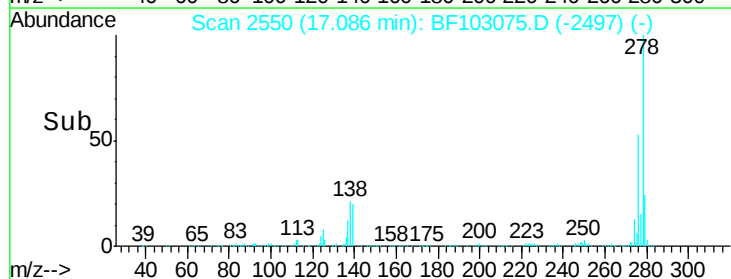
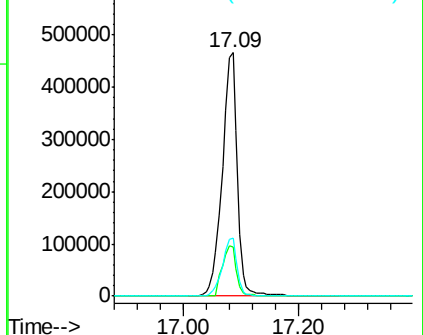
279 23.8 19.0 28.4

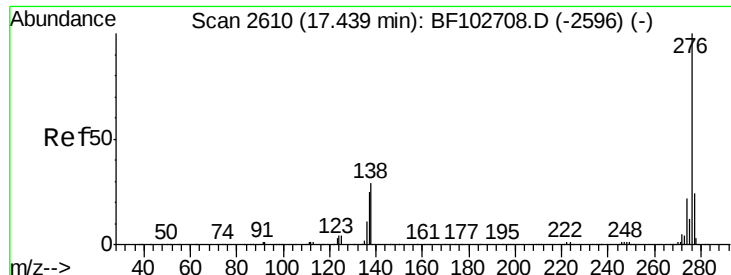


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

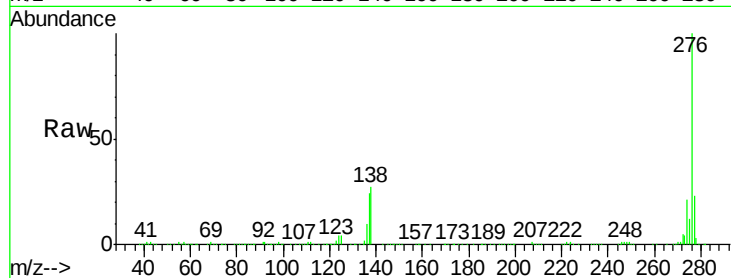




#91  
 Benzo(a,h,i)perylene  
 Concen: 57.187 ng  
 RT: 17.53 min Scan# 2626  
 Delta R.T. 0.01 min  
 Lab File: BF103075.D  
 Acq: 19 Feb 2018 12:06

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 23.0  | 17.9  | 26.9  |
| 138     | 27.4  | 21.8  | 32.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

