

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\  
 Data File : BF098676.D  
 Acq On : 22 Sep 2017 1:33  
 Operator : SJ/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 22 05:04:36 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 04:59:31 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.93  | 152  | 144534   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.20  | 136  | 615067   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.96  | 164  | 284827   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.45 | 188  | 514189   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 14.08 | 240  | 438687   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.57 | 264  | 396510   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|-----------------------------|-------|------|----------|------|-------|----------|
| 5) 2-Fluorophenol           | 5.53  | 112  | 53269    | 5.49 | ng    | 0.00     |
| 7) Phenol-d6                | 6.53  | 99   | 64422    | 5.23 | ng    | -0.02    |
| 23) Nitrobenzene-d5         | 7.48  | 82   | 41008    | 3.80 | ng    | -0.01    |
| 41) 2,4,6-Tribromophenol    | 10.75 | 330  | 11463    | 5.70 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 9.27  | 172  | 110260   | 6.53 | ng    | -0.01    |
| 78) Terphenyl-d14           | 13.03 | 244  | 116346   | 5.69 | ng    | 0.00     |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.78 | 88   | 12102    | 2.444 | ng    | # 91   |
| 3) Pyridine                    | 3.60 | 79   | 28060    | 2.128 | ng    | 94     |
| 4) n-Nitrosodimethylamine      | 3.50 | 42   | 13097    | 2.070 | ng    | # 79   |
| 6) Aniline                     | 6.58 | 93   | 40692    | 2.606 | ng    | 98     |
| 8) 2-Chlorophenol              | 6.70 | 128  | 28177    | 2.640 | ng    | 96     |
| 9) Benzaldehyde                | 6.47 | 77   | 21628    | 2.735 | ng    | 95     |
| 10) Phenol                     | 6.54 | 94   | 35395    | 2.492 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 6.65 | 93   | 26555    | 2.483 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 6.86 | 146  | 30201    | 2.789 | ng    | 96     |
| 13) 1,4-Dichlorobenzene        | 6.95 | 146  | 30882    | 2.788 | ng    | 95     |
| 14) 1,2-Dichlorobenzene        | 7.09 | 146  | 29702    | 2.924 | ng    | 99     |
| 15) Benzyl Alcohol             | 7.06 | 79   | 22820    | 2.740 | ng    | 97     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.19 | 45   | 42745    | 2.432 | ng    | 100    |
| 17) 2-Methylphenol             | 7.16 | 107  | 22472    | 2.579 | ng    | 97     |
| 18) Hexachloroethane           | 7.44 | 117  | 9946     | 2.381 | ng    | 95     |
| 19) n-Nitroso-di-n-propylamine | 7.32 | 70   | 19774    | 2.557 | ng    | 93     |
| 20) 3+4-Methylphenols          | 7.31 | 107  | 29772    | 2.690 | ng    | 91     |
| 22) Acetophenone               | 7.33 | 105  | 44808    | 2.837 | ng    | 99     |
| 25) Isophorone                 | 7.73 | 82   | 52599    | 2.397 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 7.85 | 122  | 26434    | 2.730 | ng    | 96     |
| 28) bis(2-Chloroethoxy)methane | 7.95 | 93   | 33309    | 2.486 | ng    | 98     |
| 29) 2,4-Dichlorophenol         | 8.05 | 162  | 21749    | 2.697 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 8.15 | 180  | 23311    | 2.681 | ng    | 99     |
| 31) Naphthalene                | 8.23 | 128  | 84963    | 2.806 | ng    | 99     |
| 33) 4-Chloroaniline            | 8.27 | 127  | 33353    | 2.707 | ng    | 99     |
| 34) Hexachlorobutadiene        | 8.35 | 225  | 12752    | 2.838 | ng    | 97     |
| 35) Caprolactam                | 8.59 | 113  | 5658     | 2.037 | ng    | 91     |
| 36) 4-Chloro-3-methylphenol    | 8.73 | 107  | 25008    | 2.525 | ng    | 98     |
| 37) 2-Methylnaphthalene        | 8.92 | 142  | 52435    | 2.837 | ng    | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 9.08 | 216  | 23854    | 2.701 | ng    | 97     |
| 40) Hexachlorocyclopentadiene  | 9.07 | 237  | 7820     | 3.439 | ng    | 92     |
| 42) 2,4,6-Trichlorophenol      | 9.19 | 196  | 13217    | 2.509 | ng    | 97     |
| 43) 2,4,5-Trichlorophenol      | 9.22 | 196  | 14341    | 2.607 | ng    | 96     |
| 45) 1,1'-Biphenyl              | 9.38 | 154  | 70587    | 2.777 | ng    | 97     |

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\  
 Data File : BF098676.D  
 Acq On : 22 Sep 2017 1:33  
 Operator : SJ/JU  
 Sample : SSTDICC2.5  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :

Quant Time: Sep 22 05:04:36 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Fri Sep 22 04:59:31 2017  
 Response via : Initial Calibration

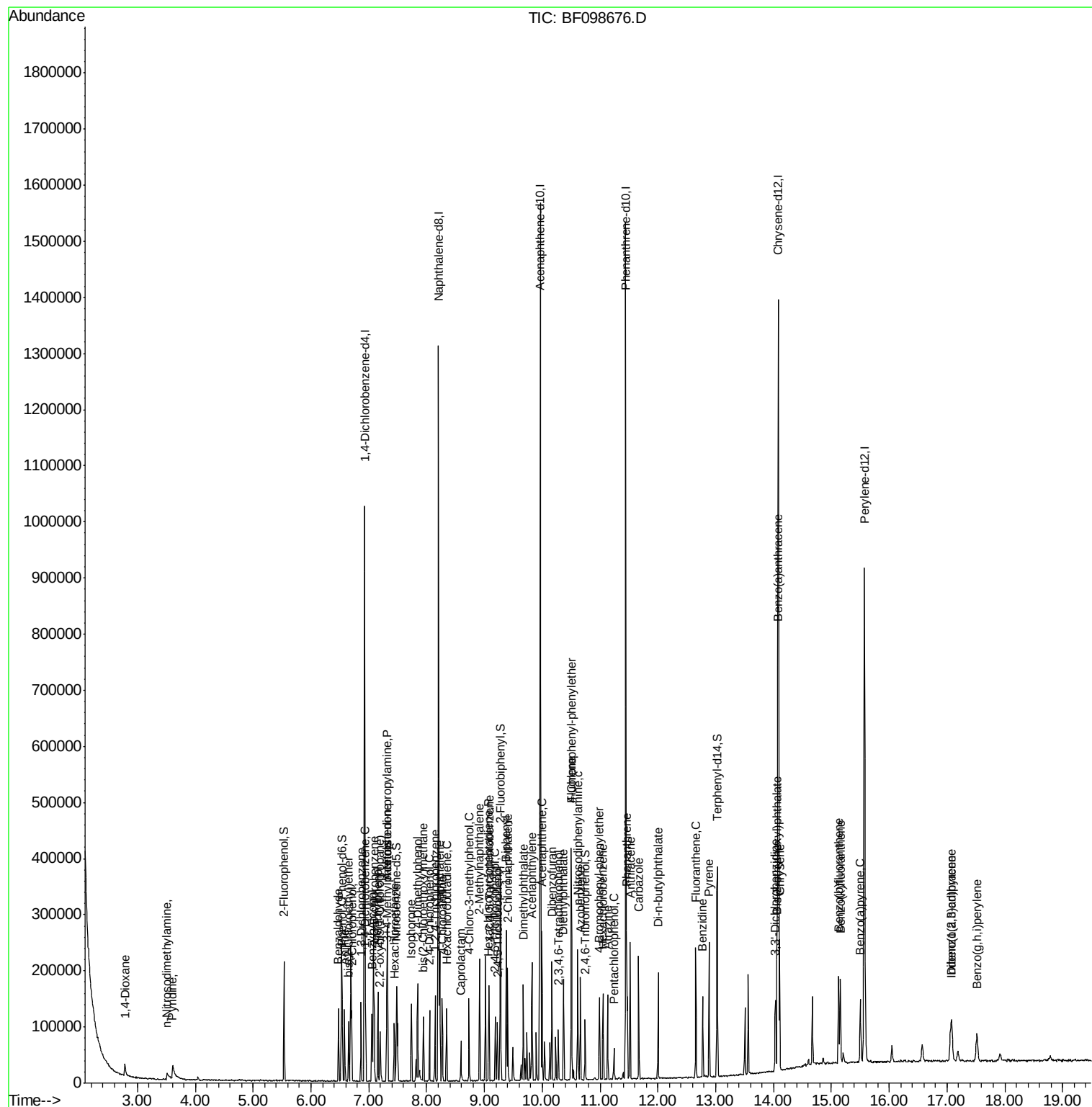
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 46) 2-Chloronaphthalene        | 9.40  | 162  | 51433    | 2.817 | nq    | 97       |
| 48) Acenaphthylene             | 9.82  | 152  | 78960    | 2.884 | nq    | 99       |
| 49) Dimethylphthalate          | 9.67  | 163  | 59476    | 2.702 | nq    | 100      |
| 51) Acenaphthene               | 9.99  | 154  | 50082    | 2.891 | nq    | 97       |
| 54) Dibenzofuran               | 10.16 | 168  | 70030    | 3.053 | nq    | 98       |
| 57) Fluorene                   | 10.50 | 166  | 57450    | 3.038 | nq    | 95       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.27 | 232  | 9362     | 2.510 | nq #  | 98       |
| 59) Diethylphthalate           | 10.37 | 149  | 57935    | 2.752 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.50 | 204  | 24713    | 2.851 | nq    | 99       |
| 62) Azobenzene                 | 10.66 | 77   | 55901    | 2.515 | nq    | 99       |
| 65) n-Nitrosodiphenylamine     | 10.61 | 169  | 50267    | 2.986 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.99 | 248  | 13957    | 2.834 | nq    | 96       |
| 67) Hexachlorobenzene          | 11.05 | 284  | 16223    | 3.187 | nq    | 98       |
| 68) Atrazine                   | 11.13 | 200  | 14415    | 2.787 | nq    | 100      |
| 69) Pentachlorophenol          | 11.24 | 266  | 6010     | 2.838 | nq    | 98       |
| 70) Phenanthrene               | 11.47 | 178  | 81937    | 2.987 | nq    | 97       |
| 71) Anthracene                 | 11.52 | 178  | 83655    | 2.984 | nq    | 99       |
| 72) Carbazole                  | 11.67 | 167  | 80469    | 3.048 | nq    | 97       |
| 73) Di-n-butylphthalate        | 12.00 | 149  | 86938    | 2.768 | nq    | 99       |
| 74) Fluoranthene               | 12.66 | 202  | 82090    | 3.002 | nq    | 98       |
| 76) Benzidine                  | 12.77 | 184  | 48770    | 2.542 | nq    | 97       |
| 77) Pyrene                     | 12.89 | 202  | 83803    | 2.432 | nq    | 98       |
| 80) Benzo(a)anthracene         | 14.07 | 228  | 73227    | 2.827 | nq    | 97       |
| 81) 3,3'-Dichlorobenzidine     | 14.03 | 252  | 23709    | 2.390 | nq    | 99       |
| 82) Chrysene                   | 14.10 | 228  | 71767    | 2.771 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 14.06 | 149  | 42365    | 2.247 | nq #  | 95       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.07 | 276  | 50563    | 2.742 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 15.13 | 252  | 57910    | 2.334 | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 15.16 | 252  | 63329    | 2.736 | nq    | 97       |
| 89) Benzo(a)pyrene             | 15.50 | 252  | 53104    | 2.407 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.09 | 278  | 42117    | 2.547 | nq    | 97       |
| 91) Benzo(g,h,i)perylene       | 17.52 | 276  | 41991    | 2.515 | nq    | 97       |
| -----                          |       |      |          |       |       |          |

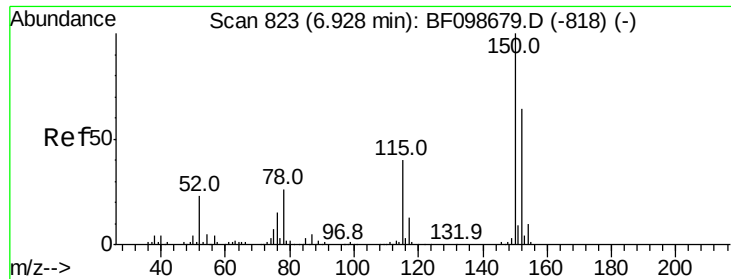
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\  
Data File : BF098676.D  
Acq On : 22 Sep 2017 1:33  
Operator : SJ/JU  
Sample : SSTDICC2.5  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :

Quant Time: Sep 22 05:04:36 2017  
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Fri Sep 22 04:59:31 2017  
Response via : Initial Calibration



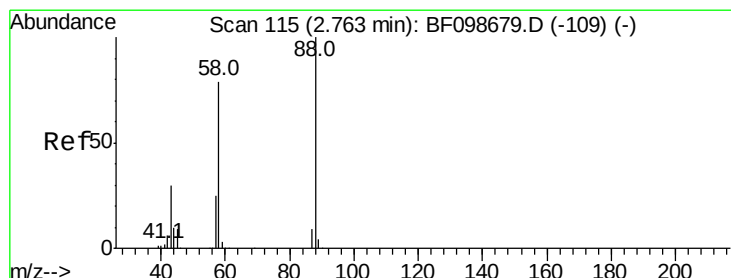
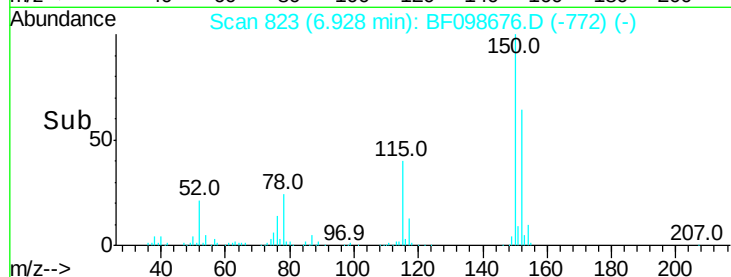
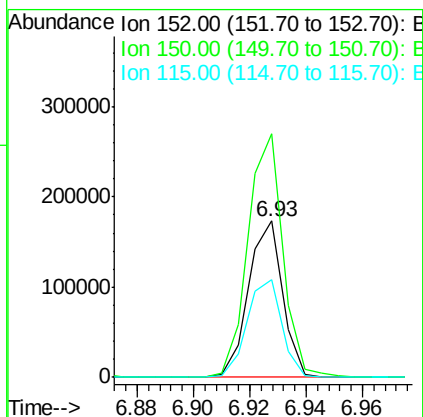
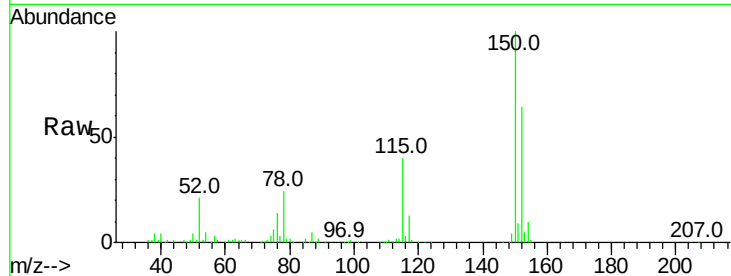


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.93 min Scan# 823  
Delta R.T. 0.00 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampleId :

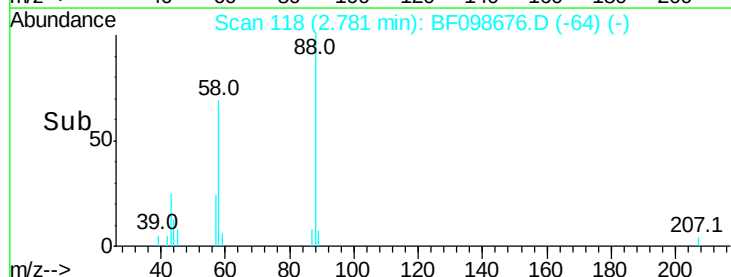
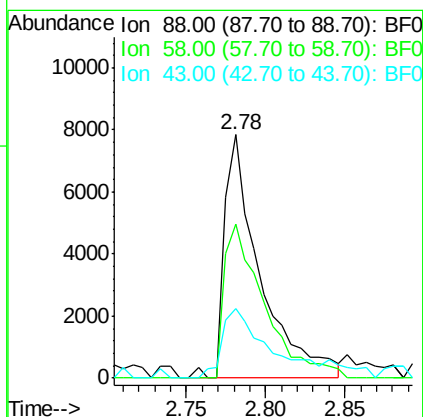
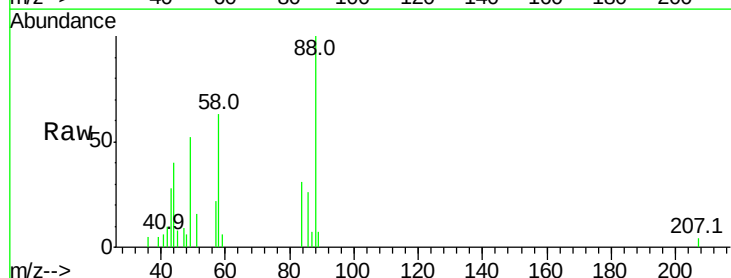
Tot Ion:152 Resp: 144534  
Ion Ratio Lower Upper  
152 100  
150 156.1 124.6 186.8  
115 62.4 50.1 75.1

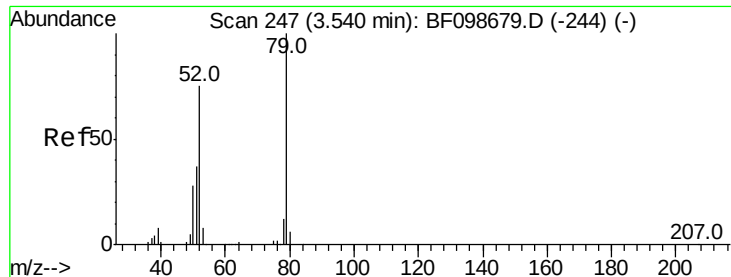


#2

1,4-Dioxane  
Concen: 2.444 ng  
RT: 2.78 min Scan# 118  
Delta R.T. 0.02 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion: 88 Resp: 12102  
Ion Ratio Lower Upper  
88 100  
58 71.6 62.6 93.8  
43 37.0 24.6 37.0#

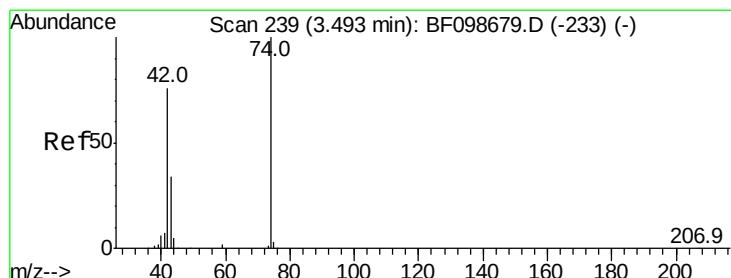
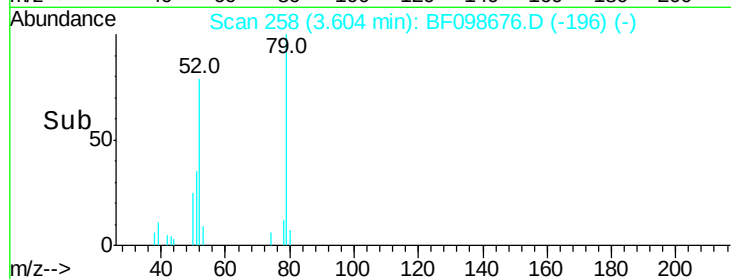
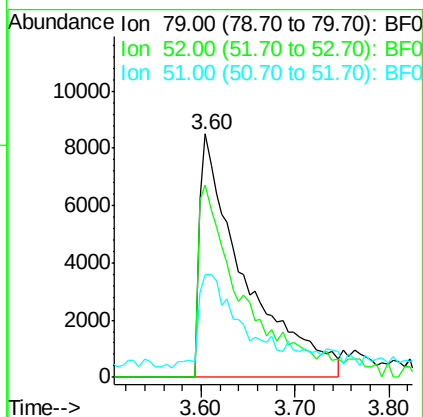
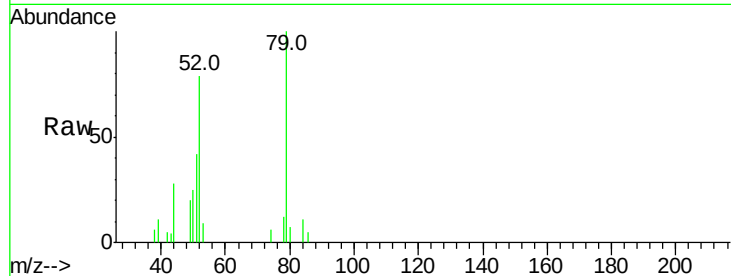




#3  
 Pvridine  
 Concen: 2.128 ng  
 RT: 3.60 min Scan# 258  
 Delta R.T. 0.06 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

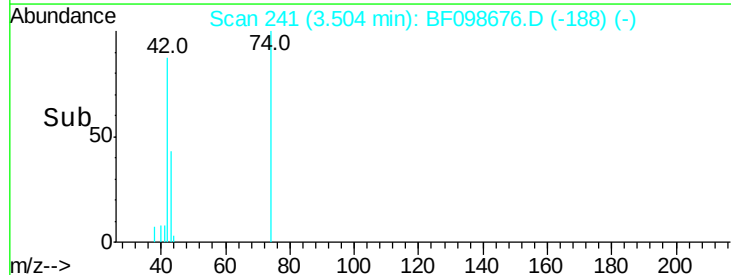
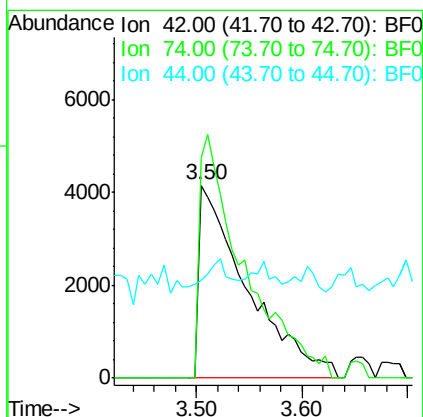
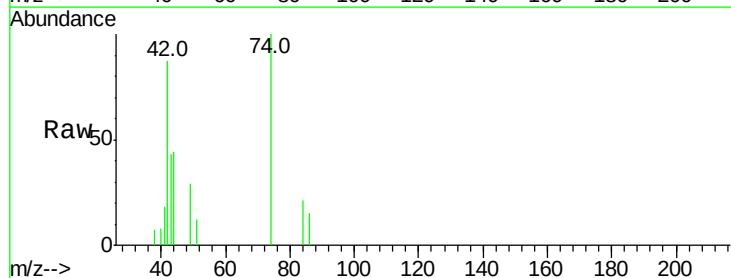
Instrument :  
 BNA\_F  
 ClientSampleId :

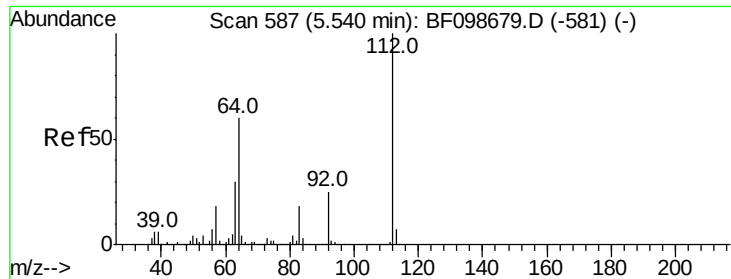
Tot Ion: 79 Resp: 28060  
 Ion Ratio Lower Upper  
 79 100  
 52 79.0 59.8 89.6  
 51 42.1 29.8 44.8



#4  
 n-Nitrosodimethylamine  
 Concen: 2.070 ng  
 RT: 3.50 min Scan# 241  
 Delta R.T. 0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion: 42 Resp: 13097  
 Ion Ratio Lower Upper  
 42 100  
 74 114.3 104.9 157.3  
 44 50.8 6.9 10.3#





#5

2-Fluorophenol

Concen: 5.492 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

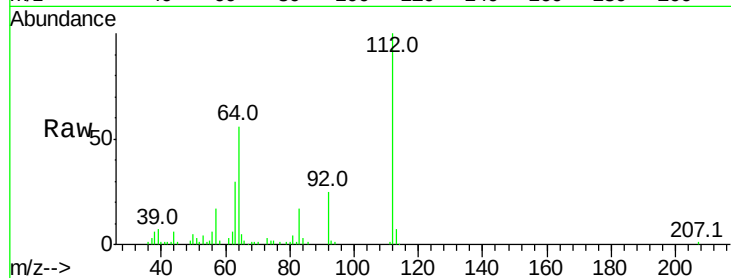
Tot Ion:112 Resp: 53269

Ion Ratio Lower Upper

112 100

64 55.6 47.9 71.9

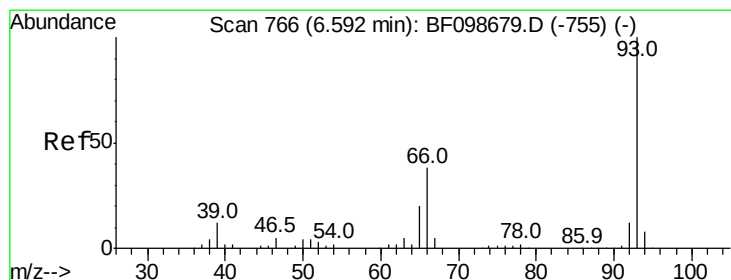
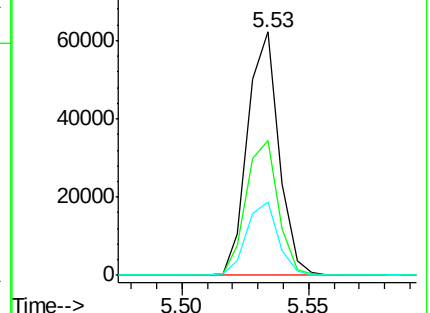
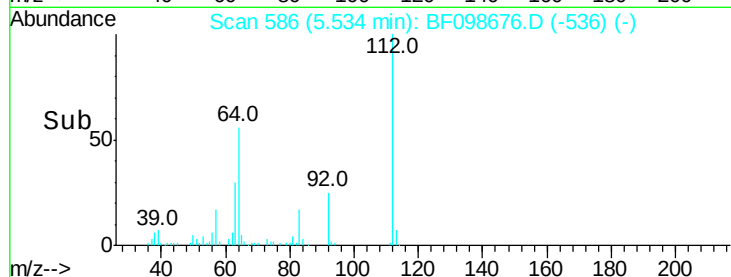
63 30.3 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 2.606 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

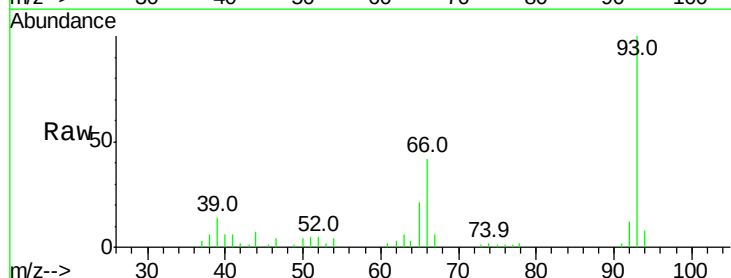
Tgt Ion: 93 Resp: 40692

Ion Ratio Lower Upper

93 100

66 41.6 32.2 48.2

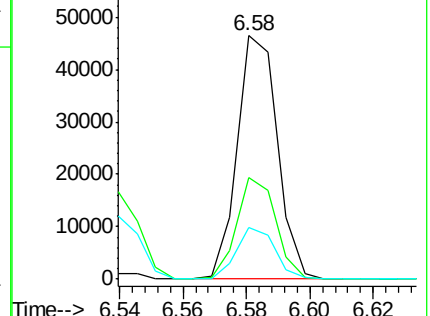
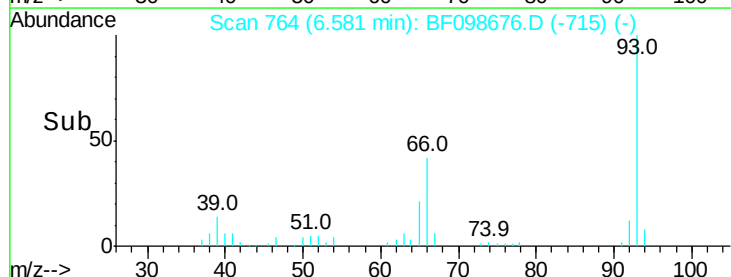
65 21.0 16.4 24.6

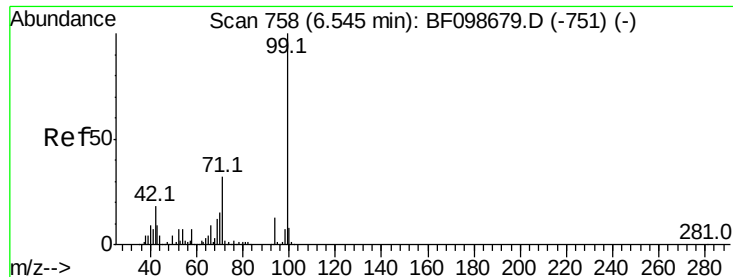


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 5.229 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

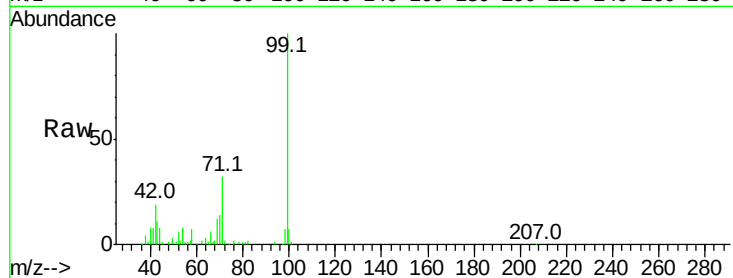
Tot Ion: 99 Resp: 64422

Ion Ratio Lower Upper

99 100

42 18.7 14.5 21.7

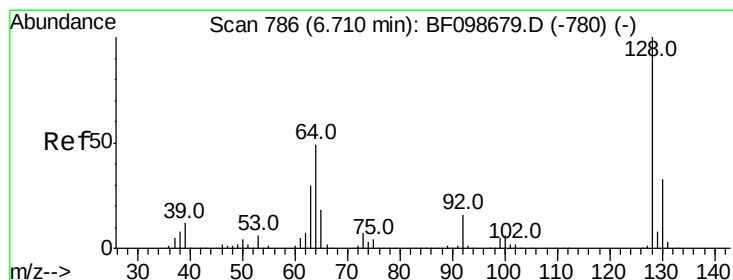
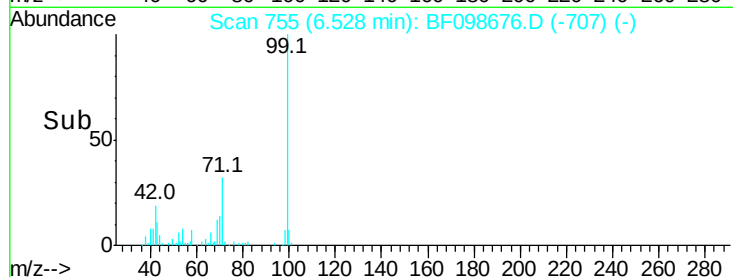
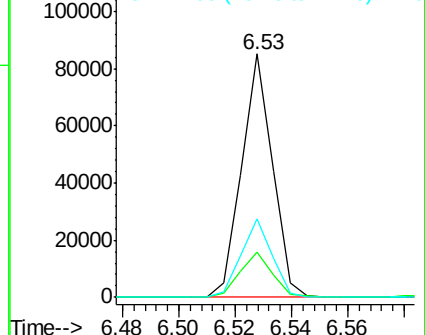
71 32.3 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 2.640 ng

RT: 6.70 min Scan# 785

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

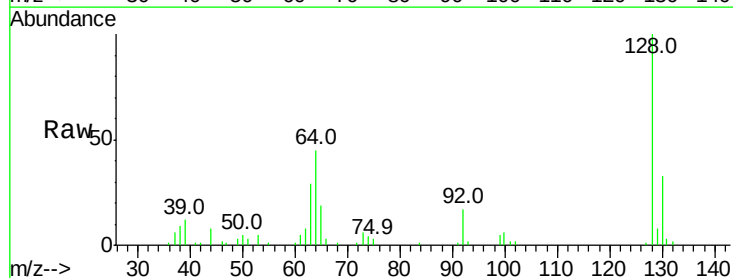
Tgt Ion: 128 Resp: 28177

Ion Ratio Lower Upper

128 100

130 33.5 13.0 53.0

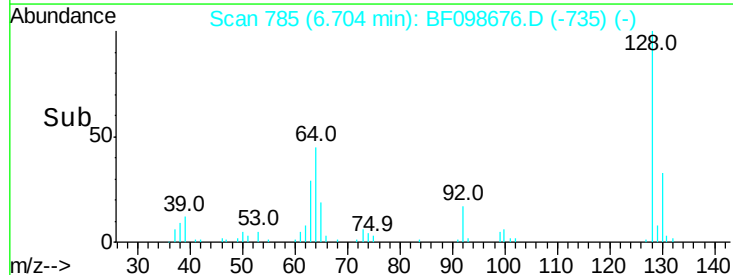
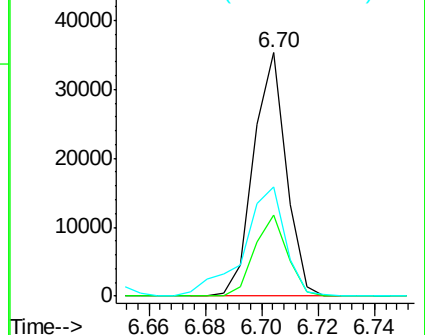
64 45.0 29.4 69.4

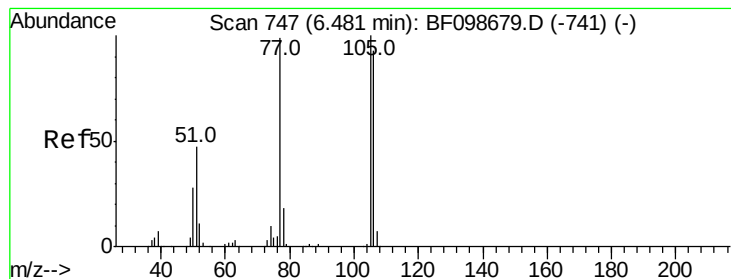


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 2.735 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

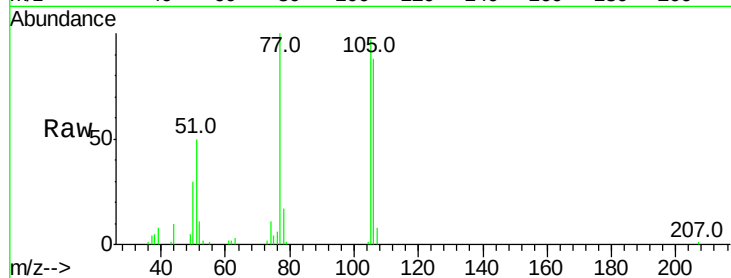
Tot Ion: 77 Resp: 21628

Ion Ratio Lower Upper

77 100

105 97.1 81.1 121.1

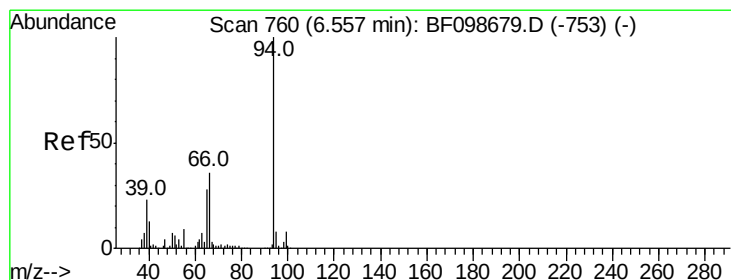
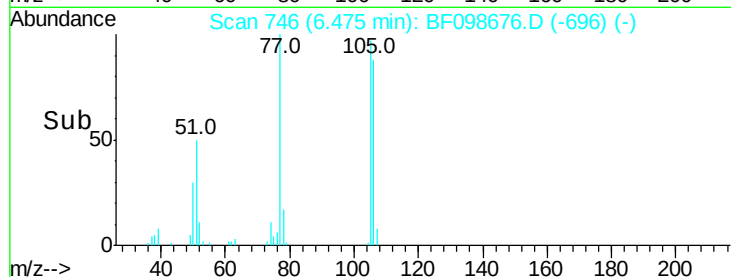
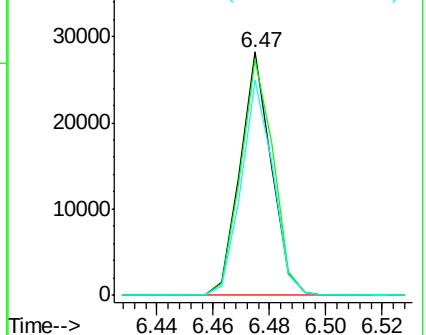
106 88.4 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 2.492 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

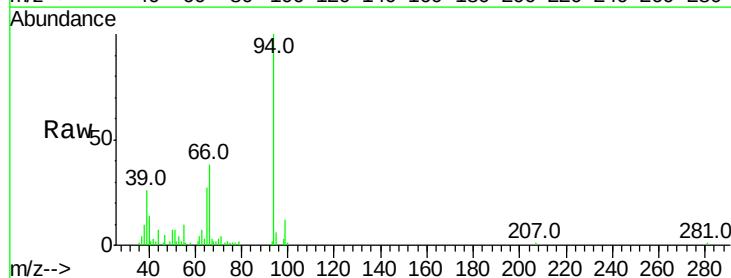
Tgt Ion: 94 Resp: 35395

Ion Ratio Lower Upper

94 100

65 27.2 7.9 47.9

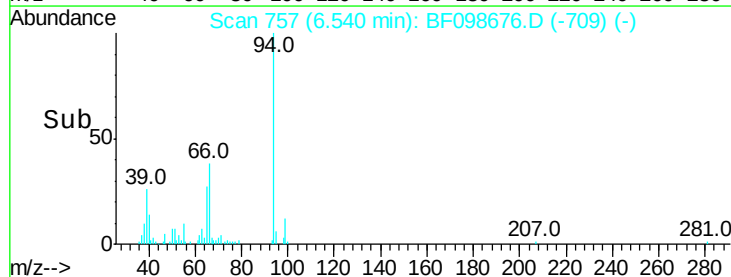
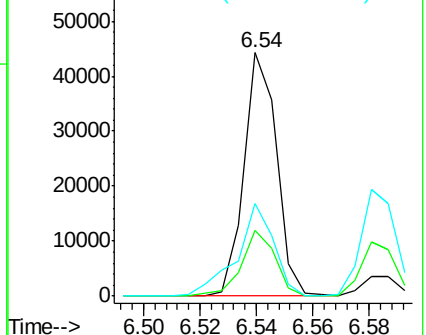
66 37.8 16.2 56.2



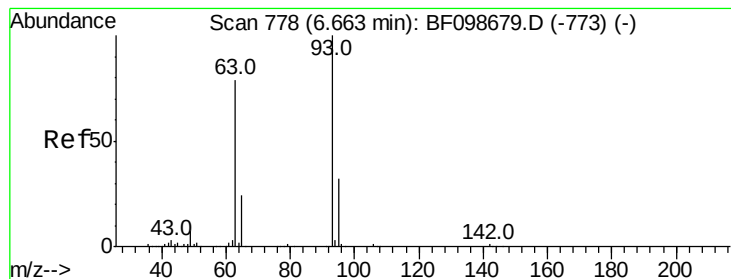
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0







#11

bis(2-Chloroethyl)ether

Concen: 2.483 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

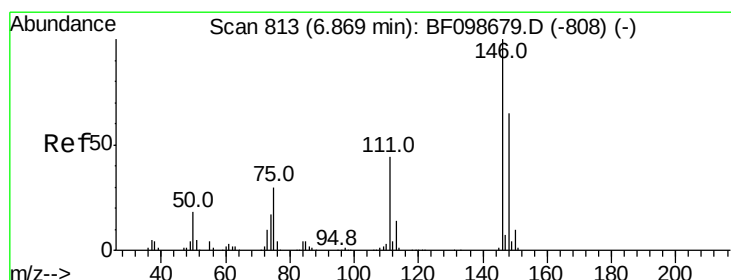
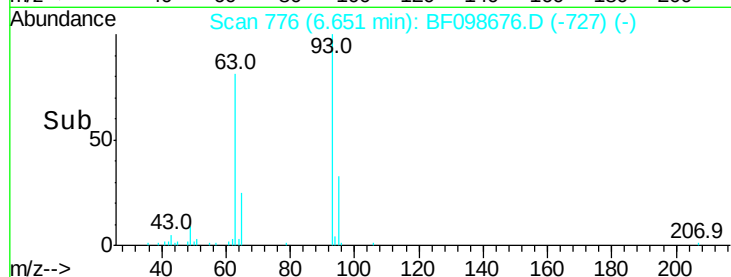
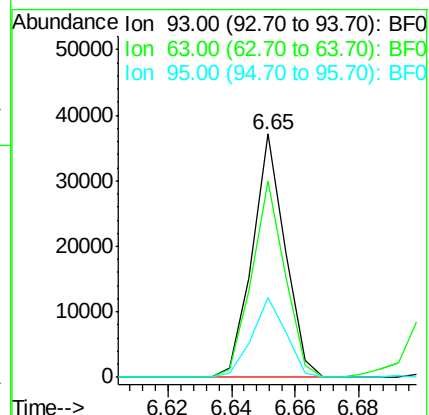
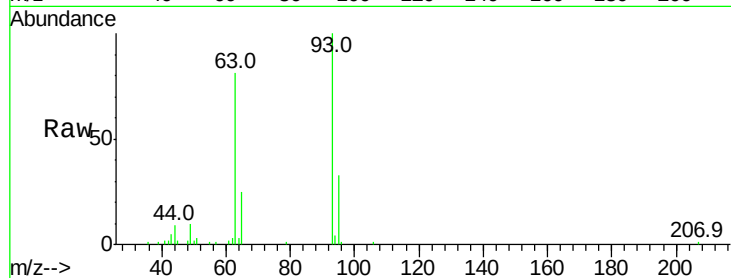
Tot Ion: 93 Resp: 26555

Ion Ratio Lower Upper

93 100

63 80.8 58.6 98.6

95 32.9 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 2.789 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

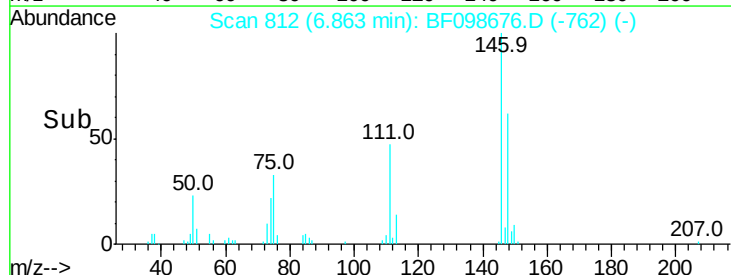
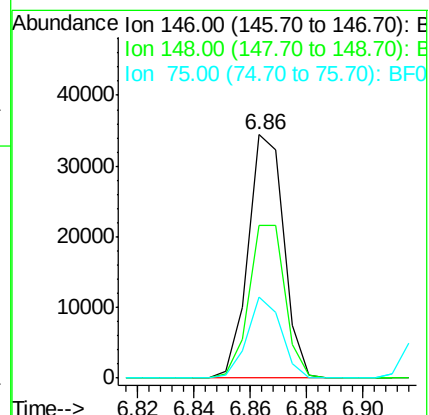
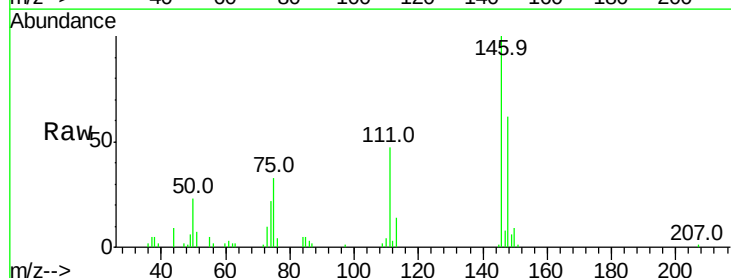
Tgt Ion: 146 Resp: 30201

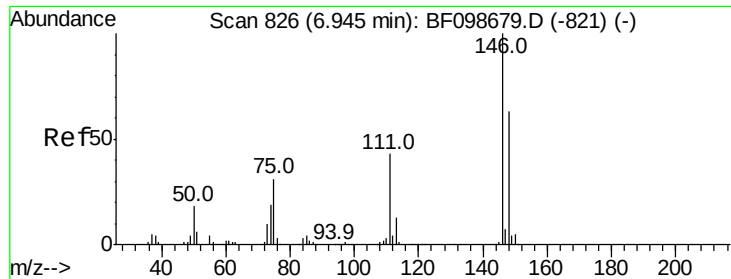
Ion Ratio Lower Upper

146 100

148 62.5 51.8 77.8

75 33.3 24.2 36.4

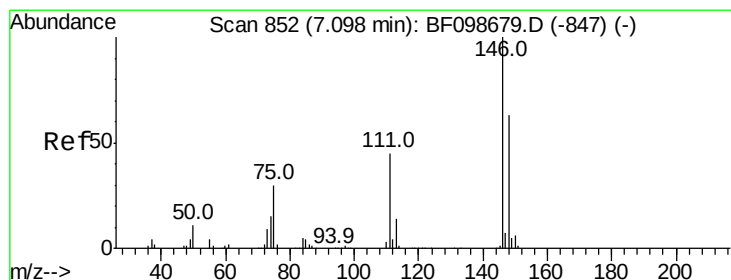
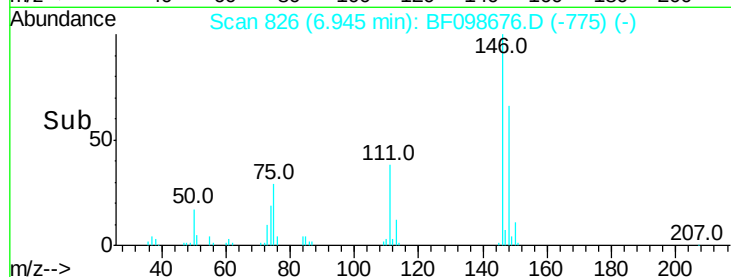
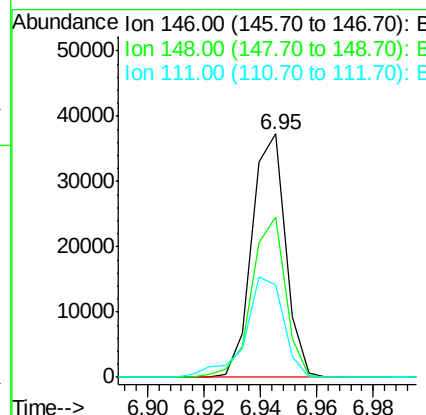
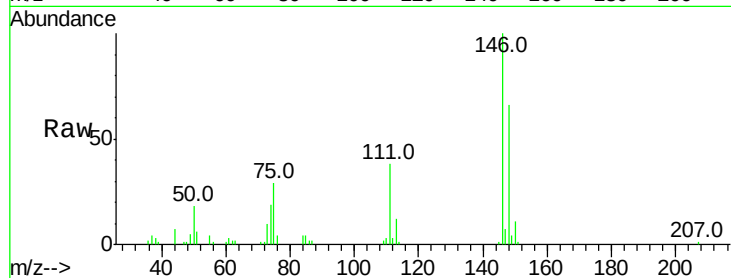




#13  
 1,4-Dichlorobenzene  
 Concen: 2.788 ng  
 RT: 6.95 min Scan# 826  
 Delta R.T. 0.00 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

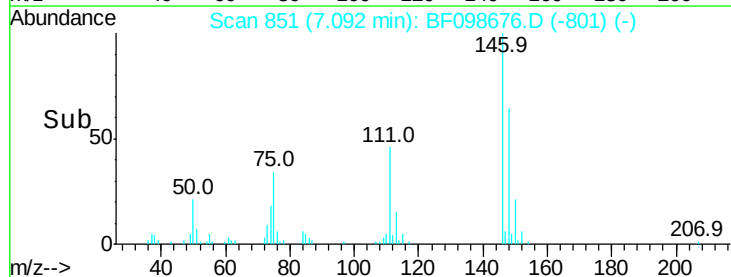
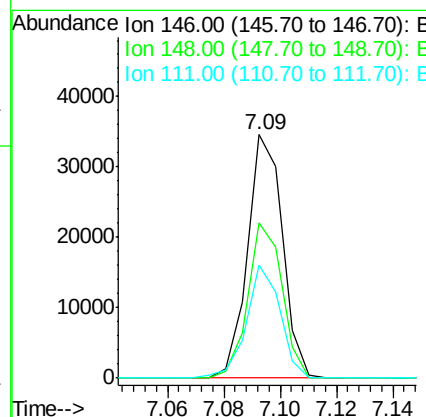
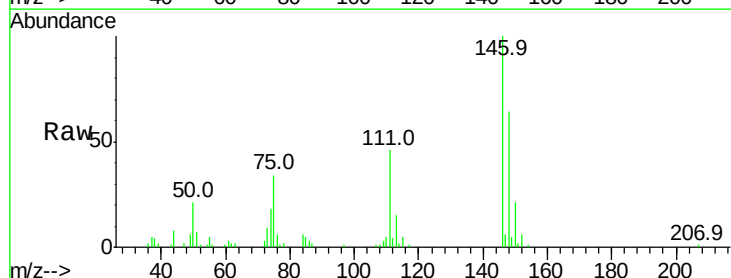
Instrument :  
 BNA\_F  
 ClientSampled :

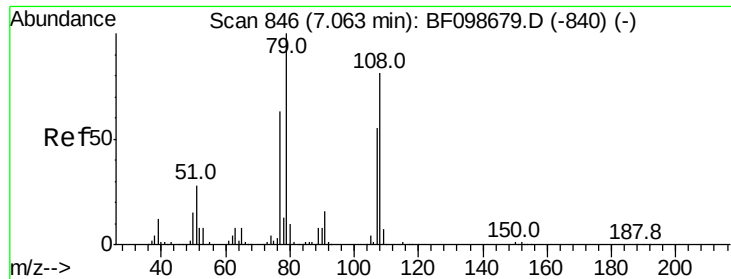
Tot Ion:146 Resp: 30882  
 Ion Ratio Lower Upper  
 146 100  
 148 65.8 50.8 76.2  
 111 38.1 34.2 51.2



#14  
 1,2-Dichlorobenzene  
 Concen: 2.924 ng  
 RT: 7.09 min Scan# 851  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:146 Resp: 29702  
 Ion Ratio Lower Upper  
 146 100  
 148 63.7 50.6 75.8  
 111 46.4 36.0 54.0





#15

Benzyl Alcohol

Concen: 2.740 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

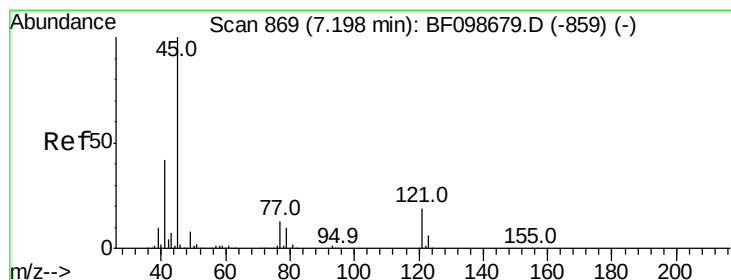
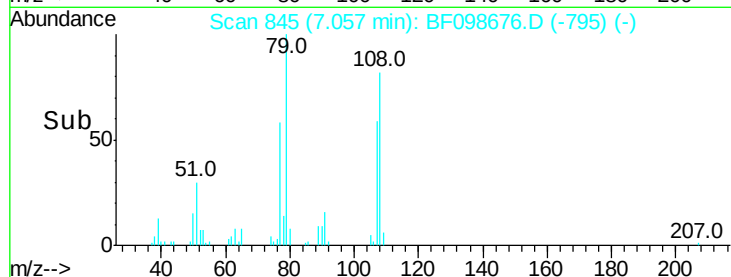
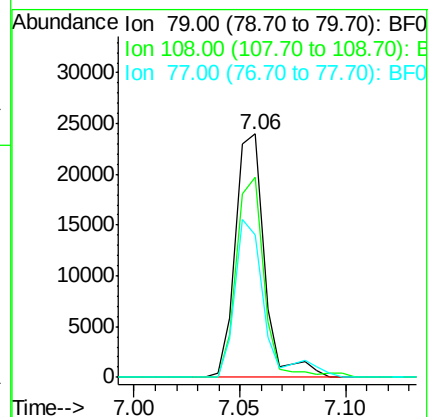
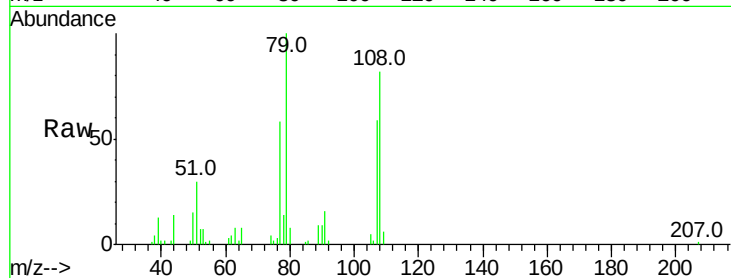
Tot Ion: 79 Resp: 22820

Ion Ratio Lower Upper

79 100

108 81.9 65.1 97.7

77 58.3 50.6 75.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.432 ng

RT: 7.19 min Scan# 868

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

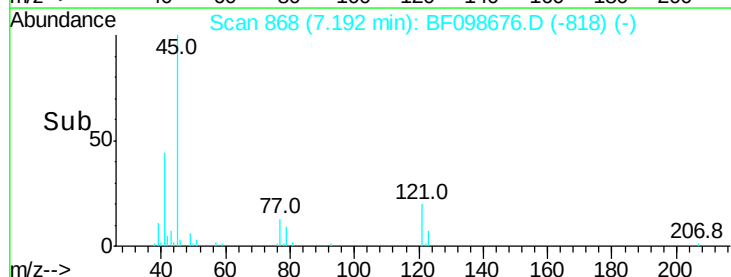
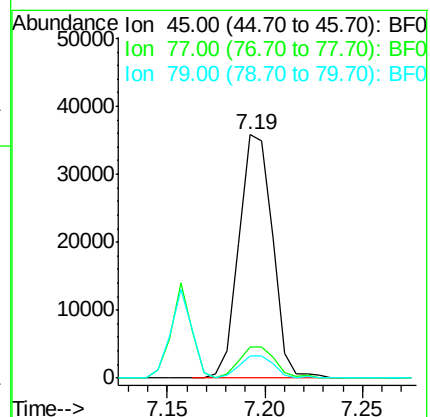
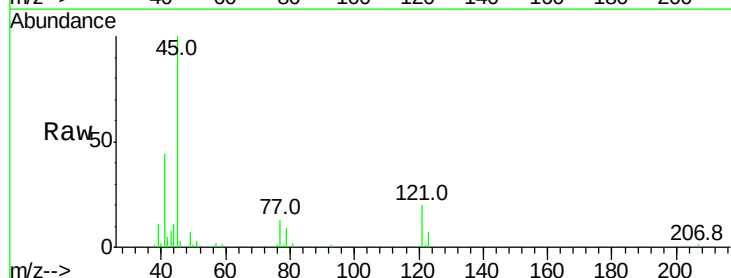
Tgt Ion: 45 Resp: 42745

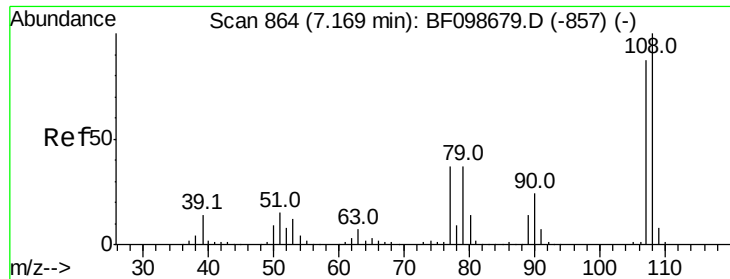
Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

79 9.3 0.0 29.6

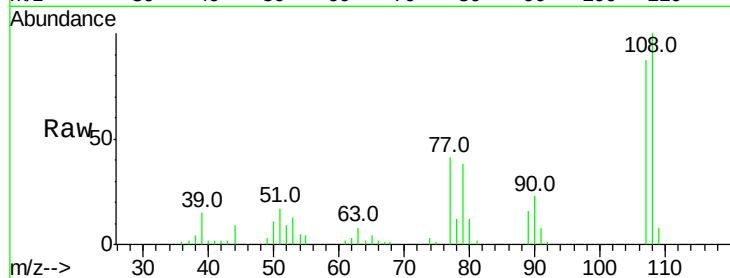




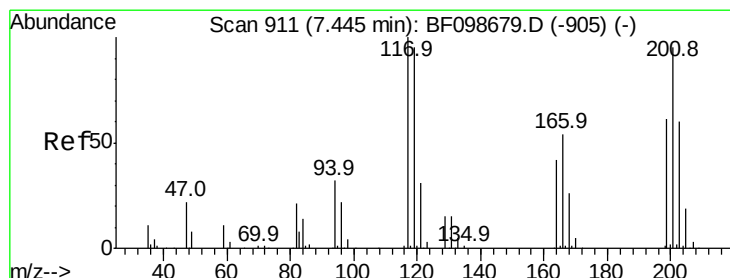
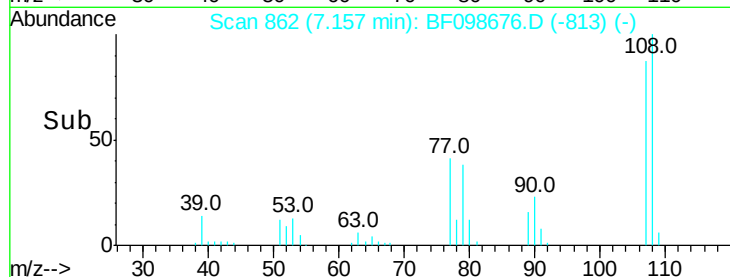
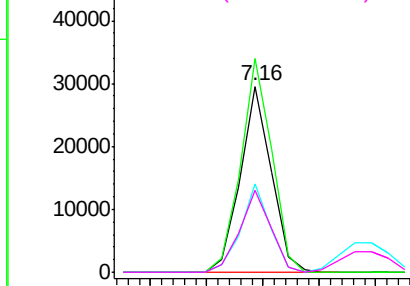
#17  
2-Methylphenol  
Concen: 2.579 ng  
RT: 7.16 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:107 Resp: 22472  
Ion Ratio Lower Upper  
107 100  
108 114.9 91.7 137.5  
77 47.5 33.8 50.8  
79 44.1 33.8 50.8

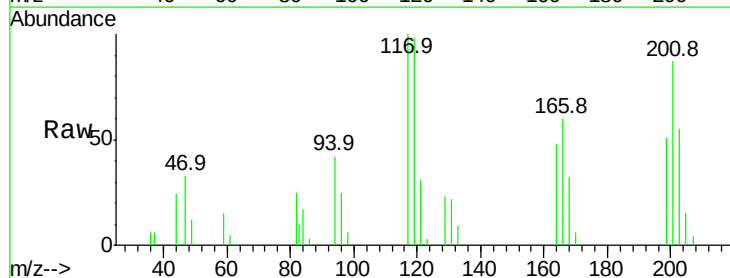


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BF0  
Ion 79.00 (78.70 to 79.70): BF0

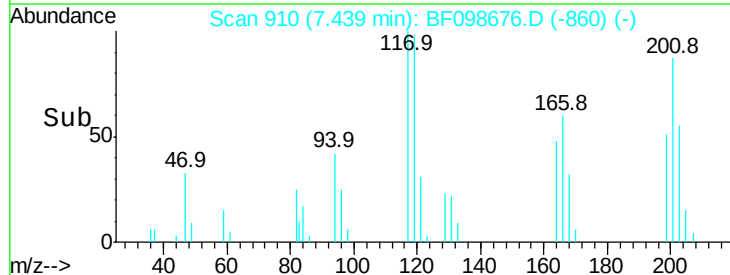
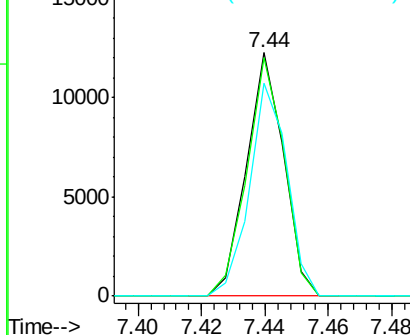


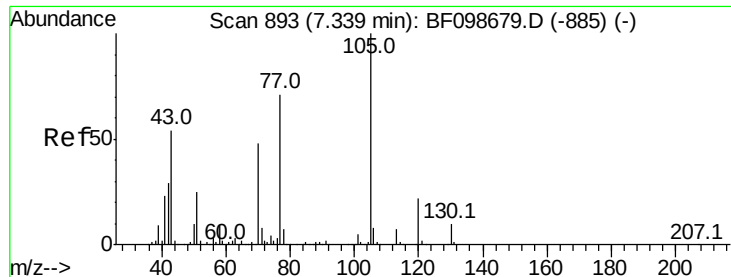
#18  
Hexachloroethane  
Concen: 2.381 ng  
RT: 7.44 min Scan# 910  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:117 Resp: 9946  
Ion Ratio Lower Upper  
117 100  
119 97.9 75.8 113.8  
201 87.2 75.7 113.5



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





#19

n-Nitroso-di-n-propylamine

Concen: 2.557 ng

RT: 7.32 min Scan# 890

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

Tot Ion: 70 Resp: 19774

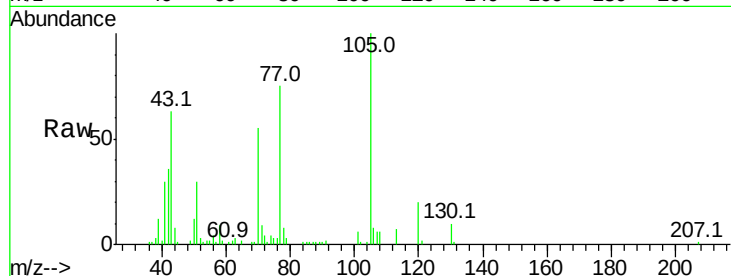
Ion Ratio Lower Upper

70 100

42 64.7 47.5 71.3

101 10.0 7.4 11.2

130 17.4 16.6 25.0



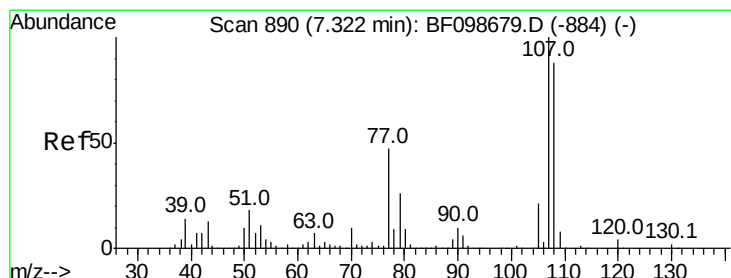
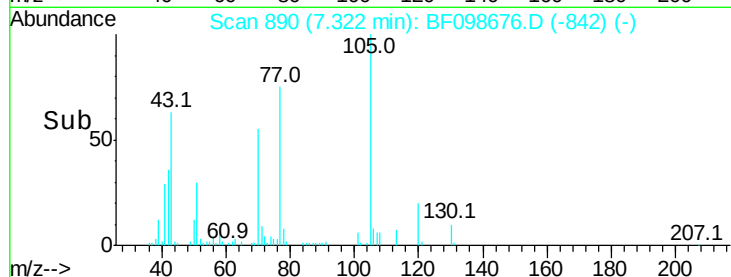
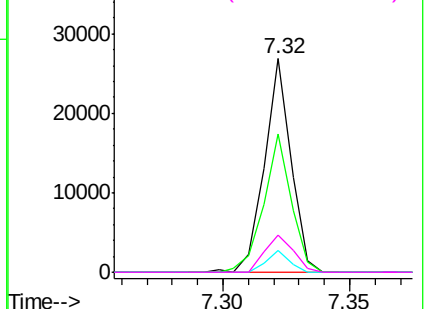
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 2.690 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Tgt Ion: 107 Resp: 29772

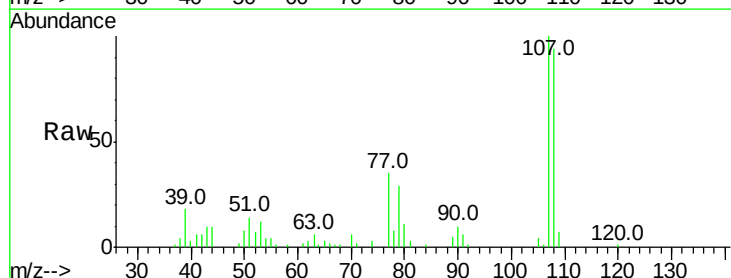
Ion Ratio Lower Upper

107 100

108 93.7 68.2 108.2

77 34.9 26.7 66.7

79 28.9 6.3 46.3



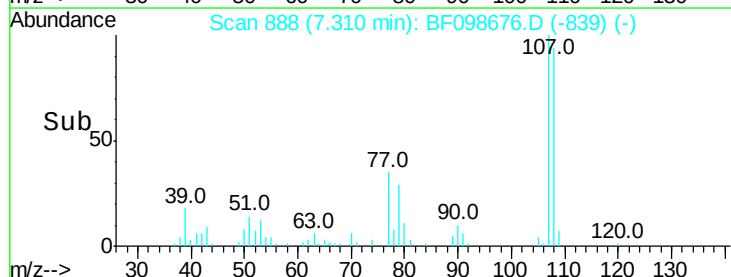
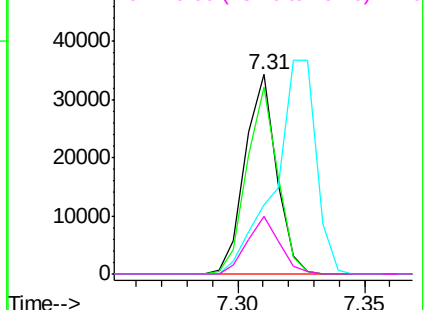
Abundance

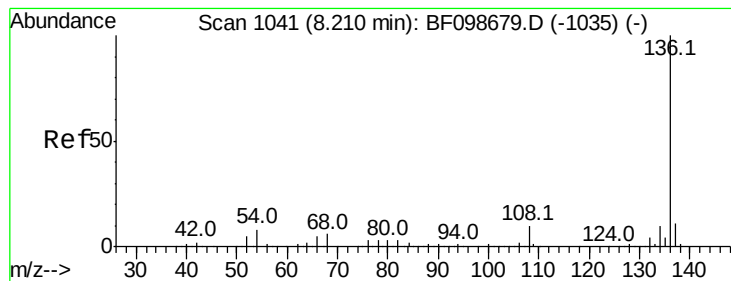
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

Tot Ion:136 Resp: 615067

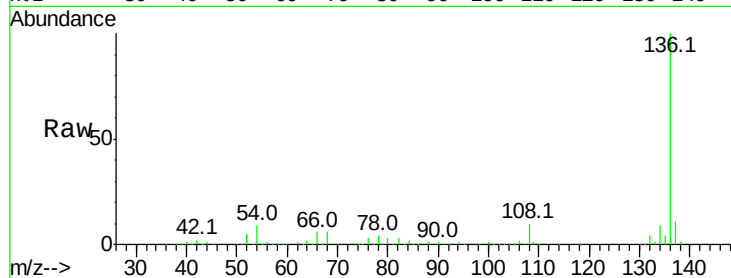
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.7 6.6 9.8

68 6.4 5.0 7.4

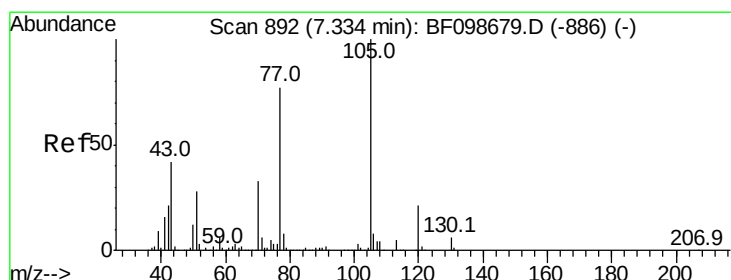
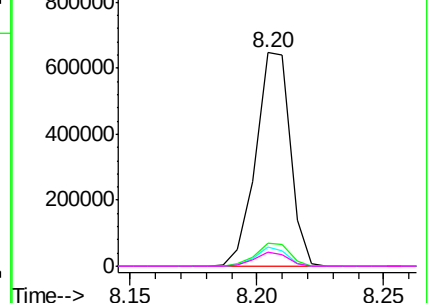
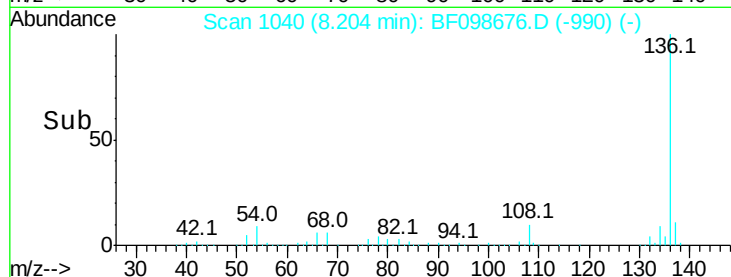


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 2.837 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Tgt Ion:105 Resp: 44808

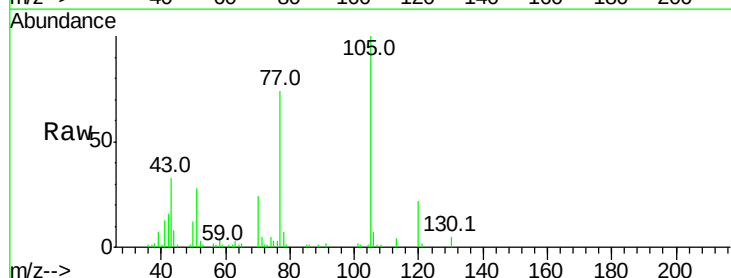
Ion Ratio Lower Upper

105 100

71 5.0 4.4 6.6

51 27.7 22.3 33.5

120 22.5 16.9 25.3

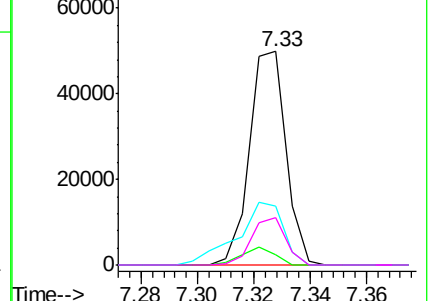
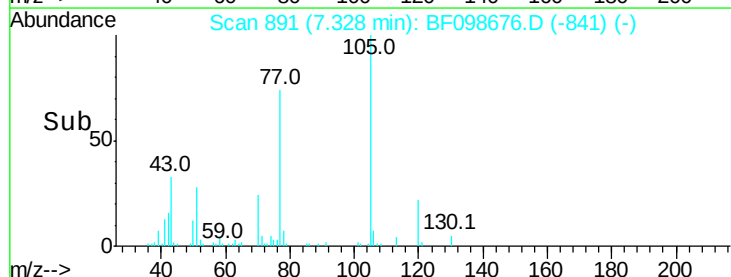


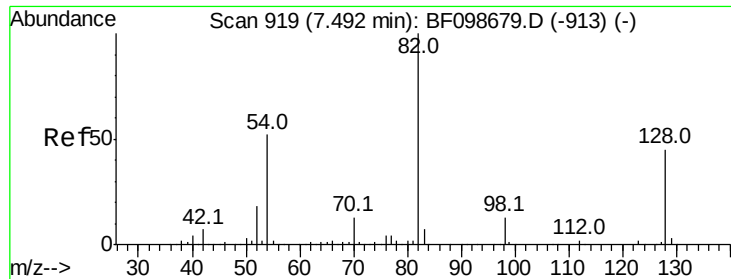
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

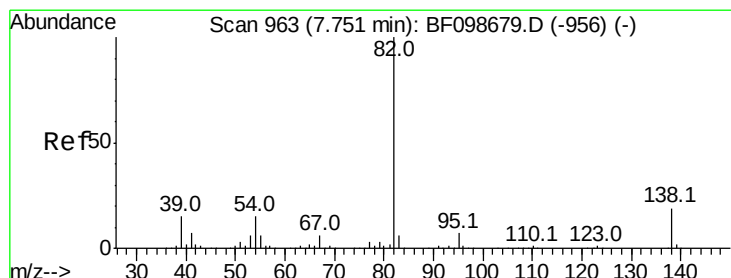
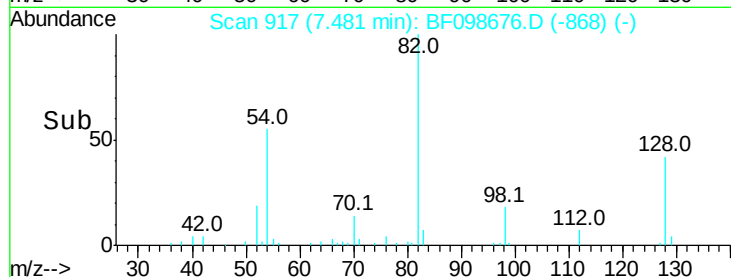
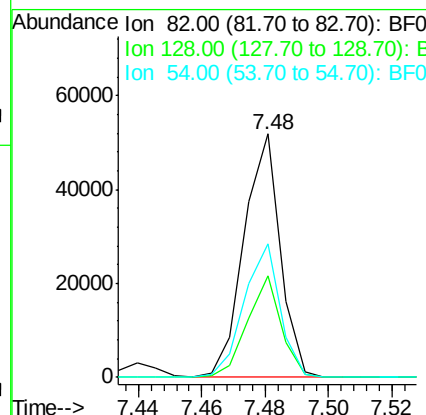
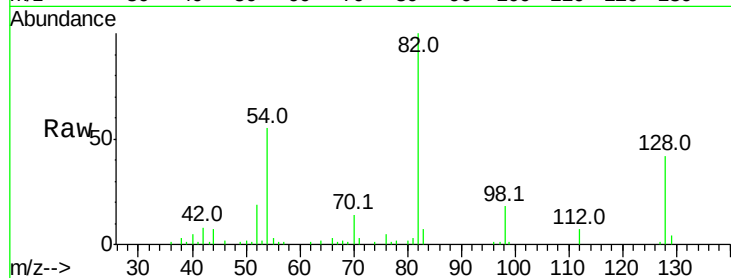




#23  
 Nitrobenzene-d5  
 Concen: 3.801 ng  
 RT: 7.48 min Scan# 917  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

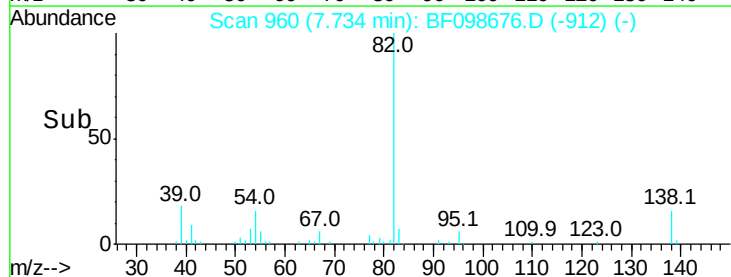
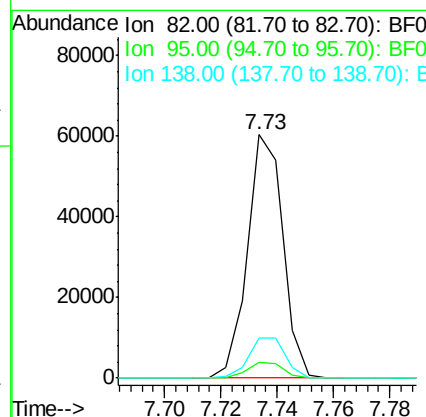
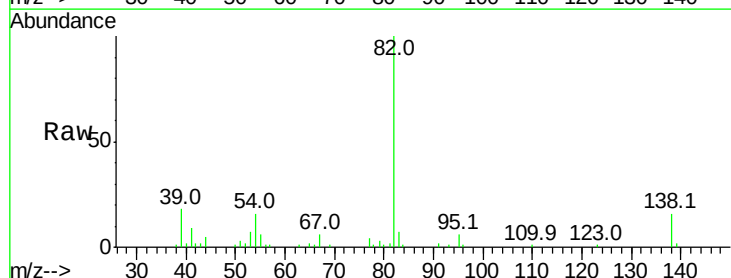
Instrument :  
 BNA\_F  
 ClientSampled :

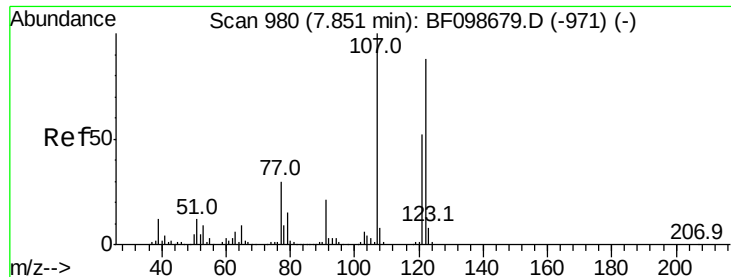
| Tot Ion   | 82    | Resp  | 41008 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 128       | 41.9  | 36.1  | 54.1  |
| 54        | 54.9  | 41.4  | 62.2  |



#25  
 Isophorone  
 Concen: 2.397 ng  
 RT: 7.73 min Scan# 960  
 Delta R.T. -0.02 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

| Tgt Ion   | 82    | Resp  | 52599 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 82        | 100   |       |       |
| 95        | 6.3   | 5.2   | 7.8   |
| 138       | 16.3  | 14.9  | 22.3  |





#27

2,4-Dimethylphenol

Concen: 2.730 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

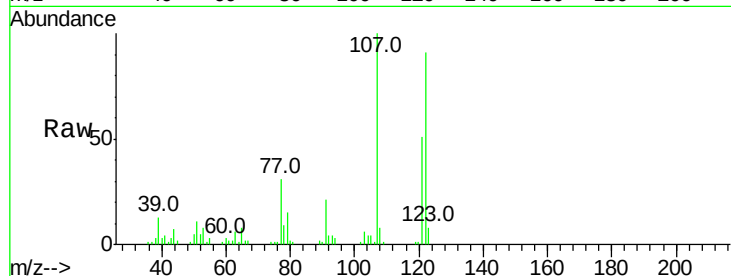
Tot Ion:122 Resp: 26434

Ion Ratio Lower Upper

122 100

107 110.3 91.2 136.8

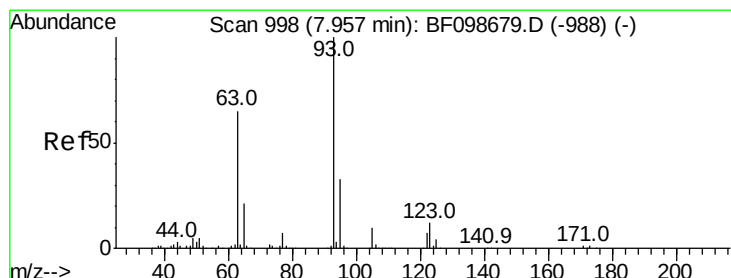
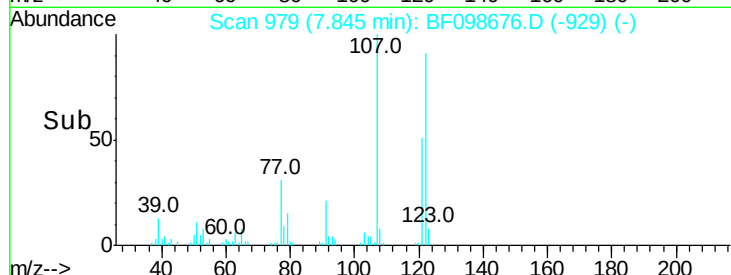
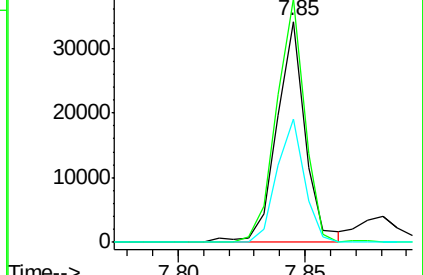
121 55.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.486 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

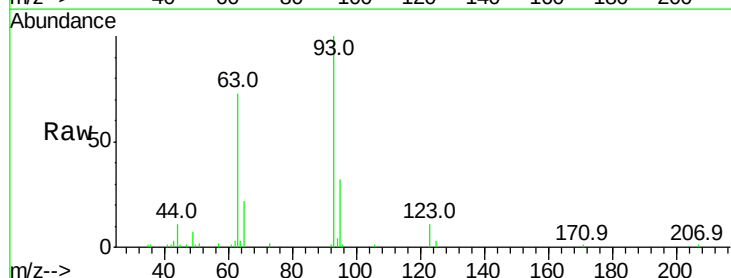
Tgt Ion: 93 Resp: 33309

Ion Ratio Lower Upper

93 100

95 32.0 26.3 39.5

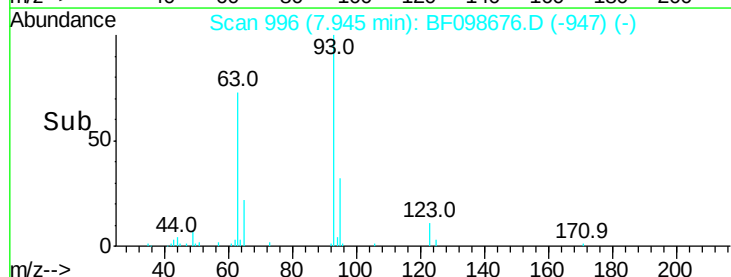
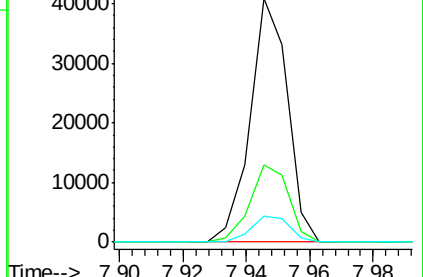
123 10.8 9.8 14.6



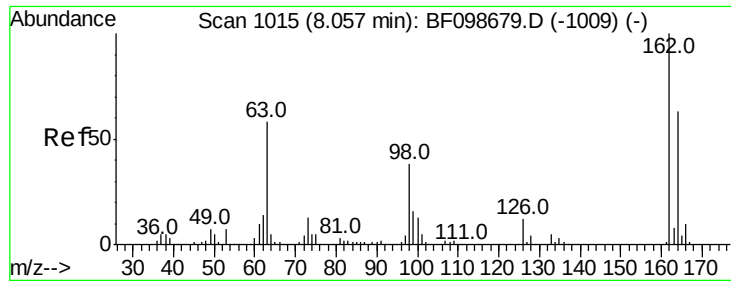
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E



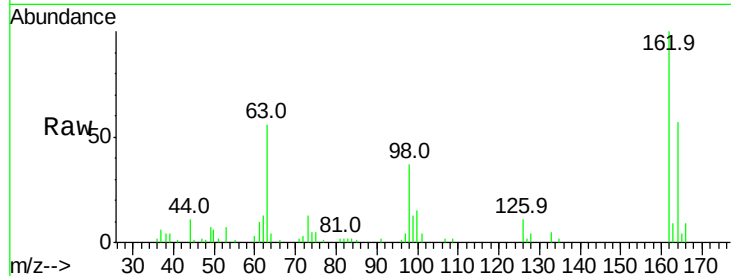




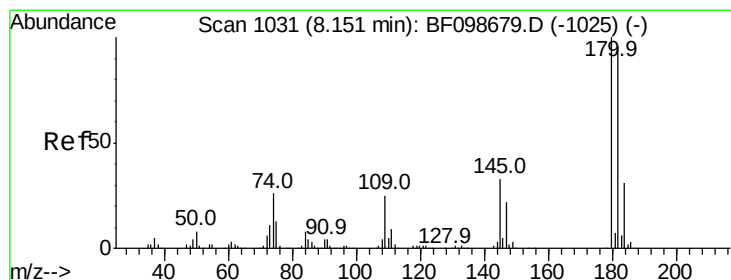
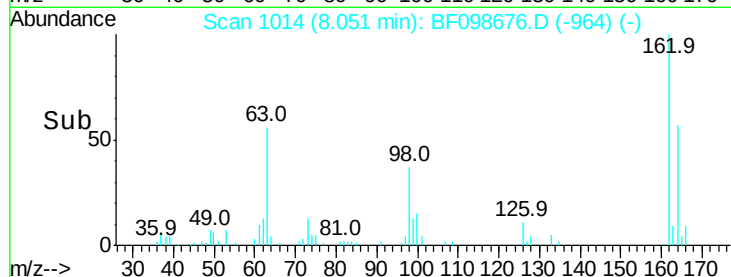
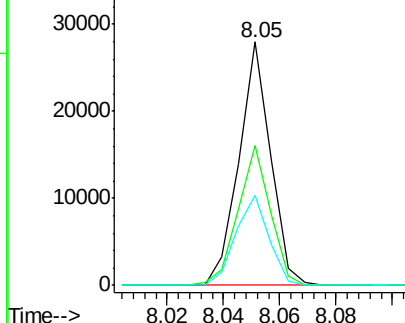
#29  
 2,4-Dichlorophenol  
 Concen: 2.697 ng  
 RT: 8.05 min Scan# 1014  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Instrument :  
 BNA\_F  
 ClientSampled :

Tot Ion:162 Resp: 21749  
 Ion Ratio Lower Upper  
 162 100  
 164 57.4 42.7 82.7  
 98 37.2 18.1 58.1

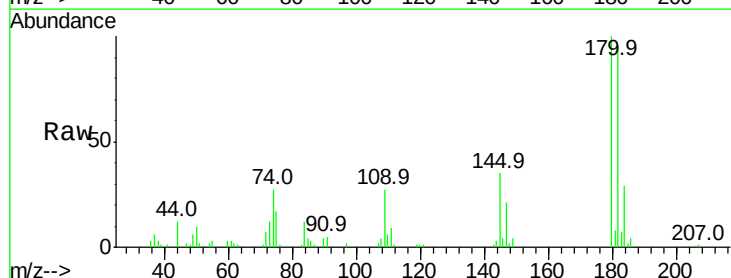


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

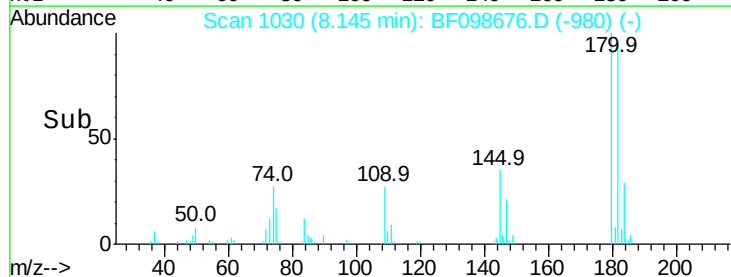
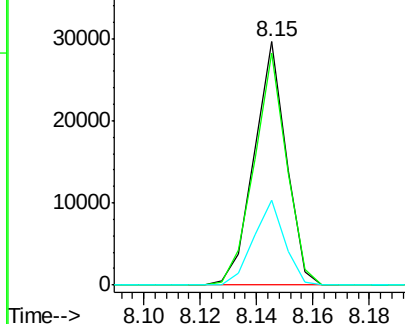


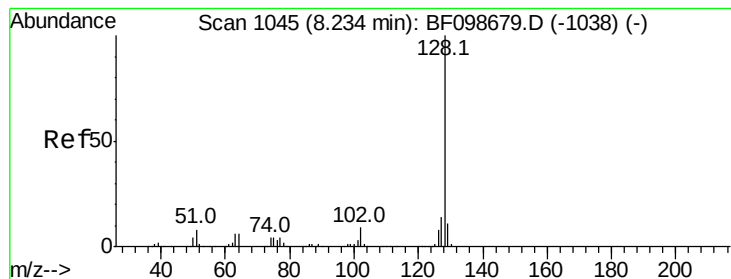
#30  
 1,2,4-Trichlorobenzene  
 Concen: 2.681 ng  
 RT: 8.15 min Scan# 1030  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:180 Resp: 23311  
 Ion Ratio Lower Upper  
 180 100  
 182 95.4 76.8 115.2  
 145 35.0 26.5 39.7



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





#31

Naphthalene

Concen: 2.806 ng

RT: 8.23 min Scan# 1044

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

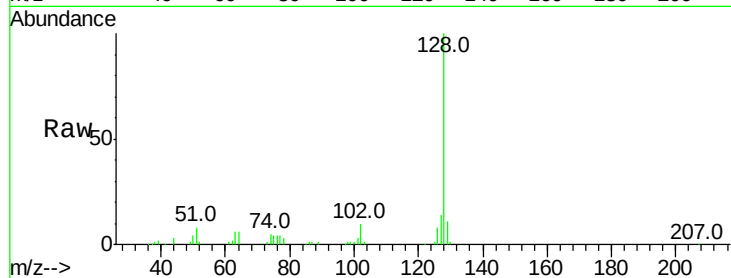
Tot Ion:128 Resp: 84963

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

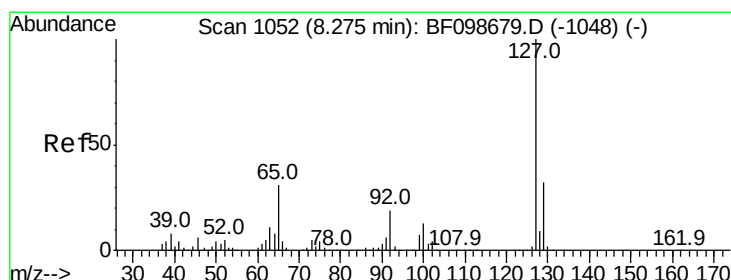
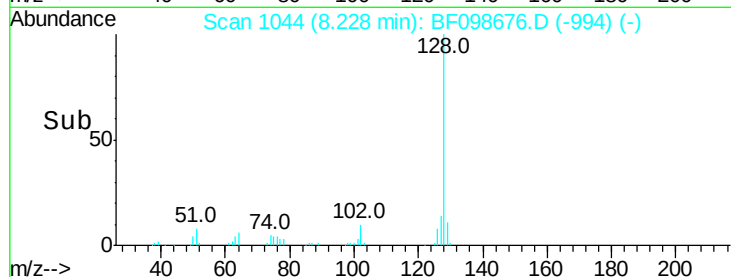
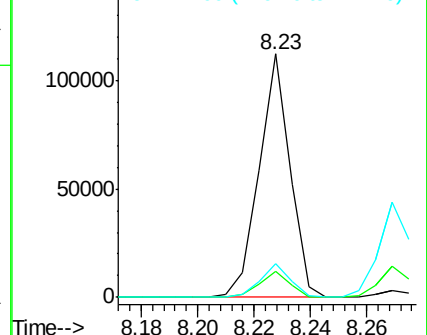
127 13.8 10.9 16.3



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



#33

4-Chloroaniline

Concen: 2.707 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Tgt Ion:127 Resp: 33353

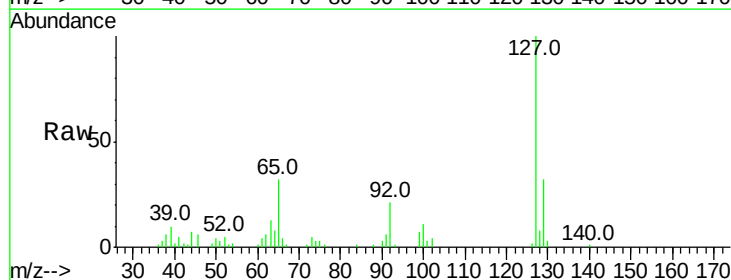
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 31.9 25.0 37.4

92 20.6 15.2 22.8

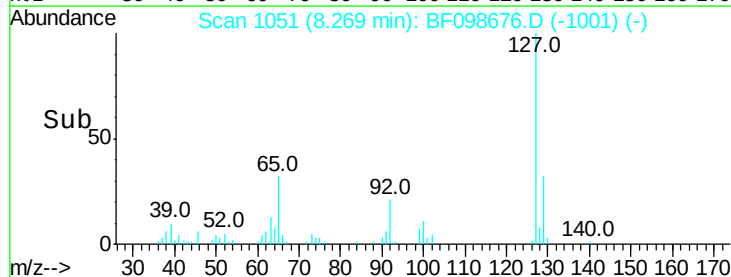
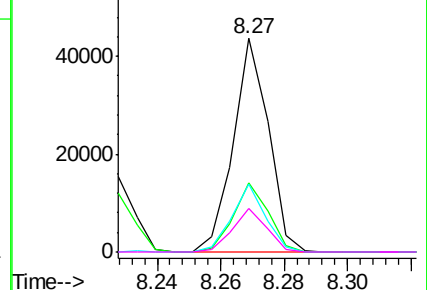


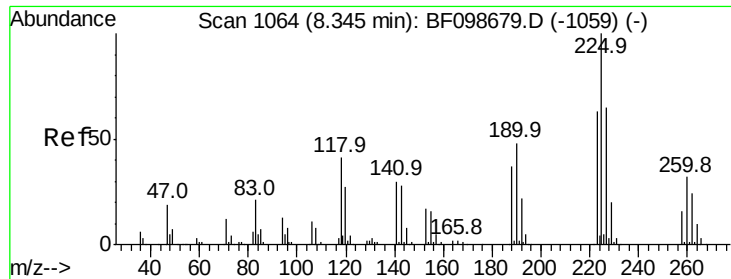
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

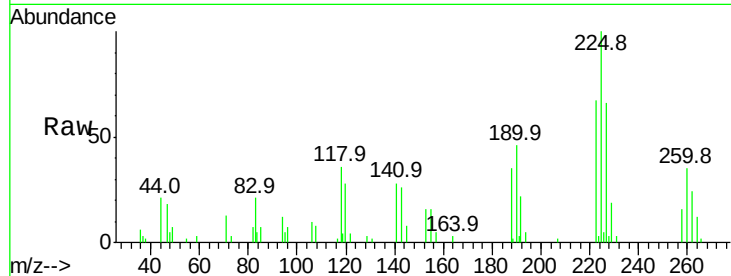




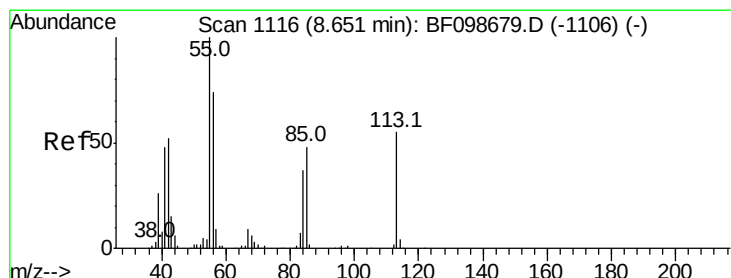
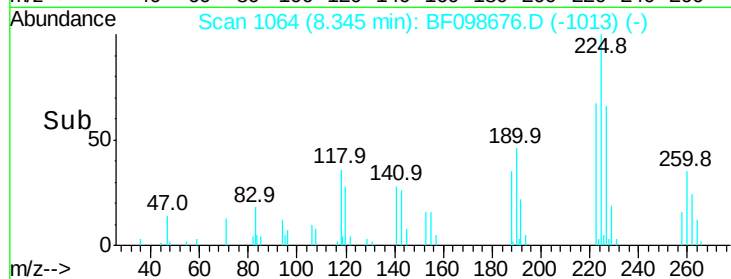
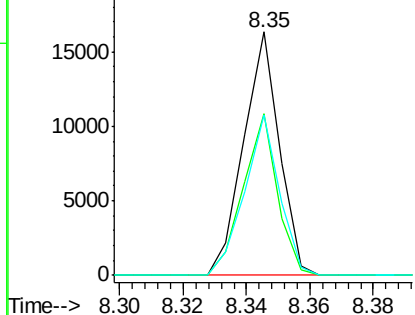
#34  
Hexachlorobutadiene  
Concen: 2.838 ng  
RT: 8.35 min Scan# 1064  
Delta R.T. 0.00 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.6  | 50.6  | 76.0  |
| 227     | 66.0  | 51.9  | 77.9  |

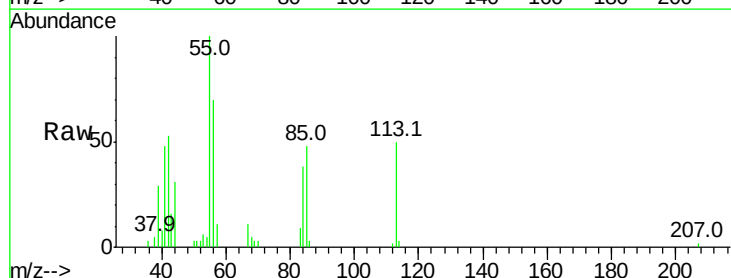


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

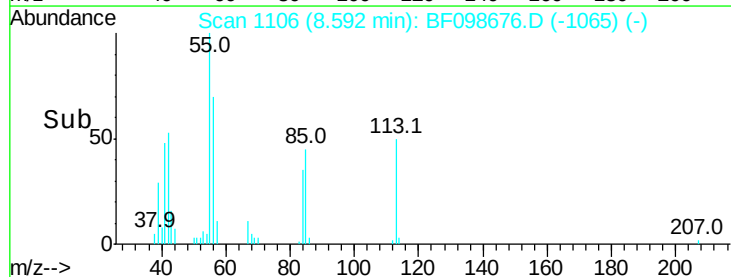
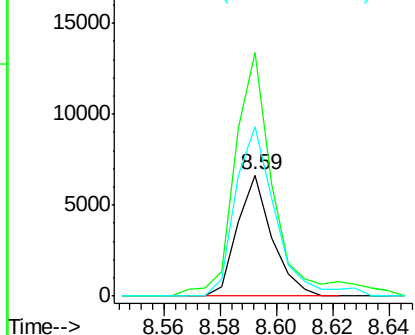


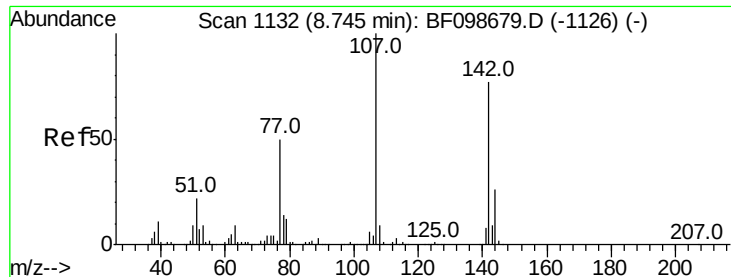
#35  
Caprolactam  
Concen: 2.037 ng  
RT: 8.59 min Scan# 1106  
Delta R.T. -0.06 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 55      | 201.4 | 163.3 | 203.3 |
| 56      | 140.0 | 115.7 | 155.7 |



Abundance Ion 113.00 (112.70 to 113.70): E  
Ion 55.00 (54.70 to 55.70): BF0  
Ion 56.00 (55.70 to 56.70): BF0

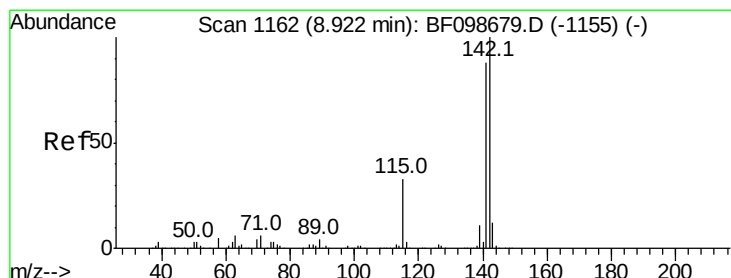
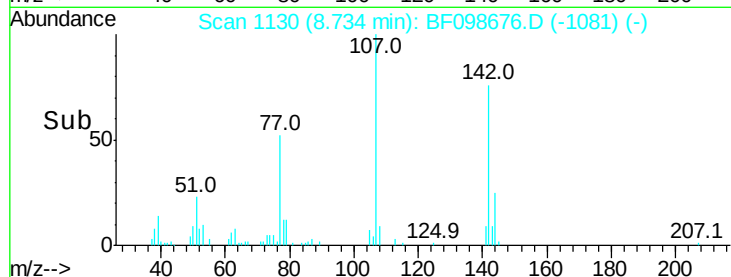
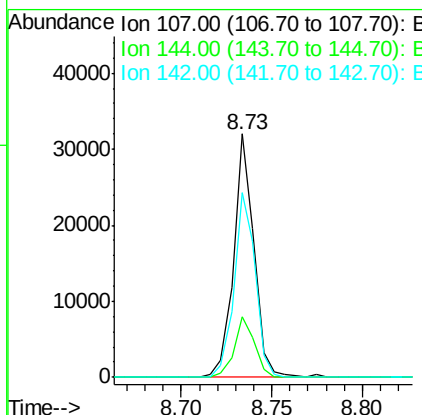
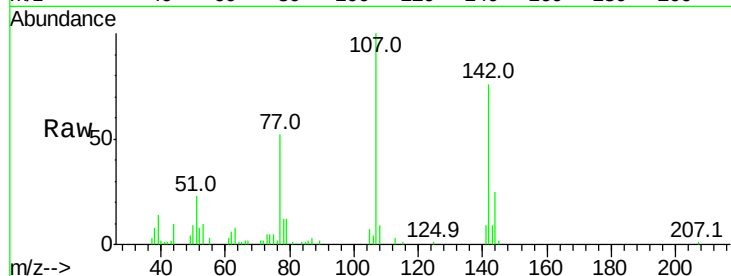




#36  
 4-Chloro-3-methylphenol  
 Concen: 2.525 ng  
 RT: 8.73 min Scan# 1130  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

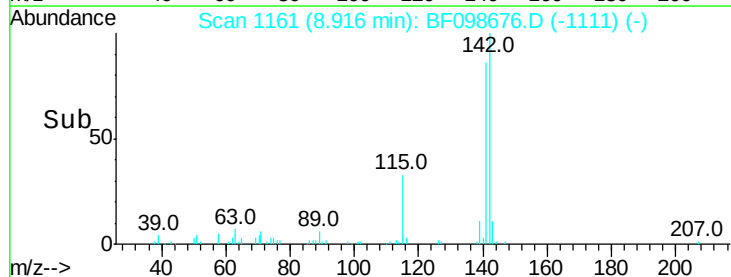
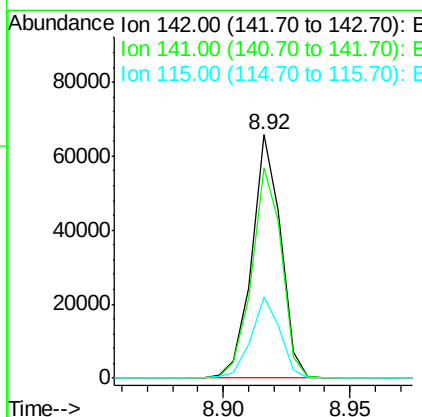
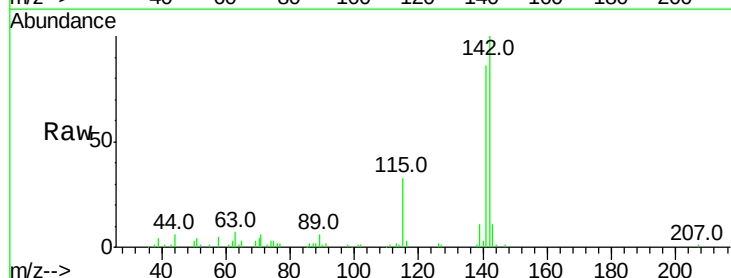
Instrument :  
 BNA\_F  
 ClientSampleId :

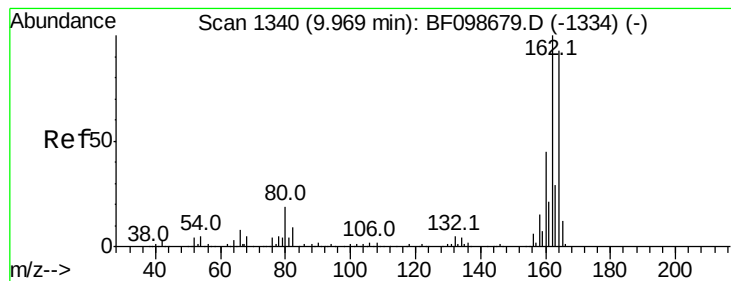
Tot Ion:107 Resp: 25008  
 Ion Ratio Lower Upper  
 107 100  
 144 25.1 20.5 30.7  
 142 75.8 62.0 93.0



#37  
 2-Methylnaphthalene  
 Concen: 2.837 ng  
 RT: 8.92 min Scan# 1161  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:142 Resp: 52435  
 Ion Ratio Lower Upper  
 142 100  
 141 86.3 70.8 106.2  
 115 33.2 26.1 39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

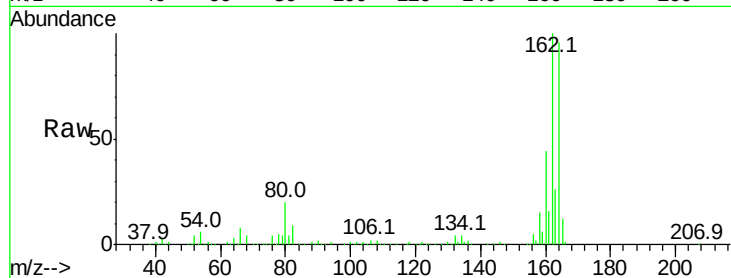
Tot Ion:164 Resp: 284827

Ion Ratio Lower Upper

164 100

162 104.6 86.1 129.1

160 45.9 38.3 57.5

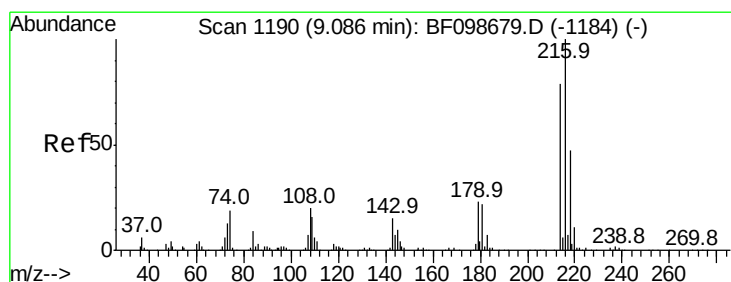
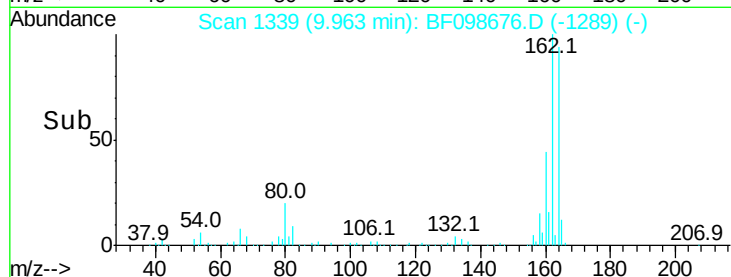
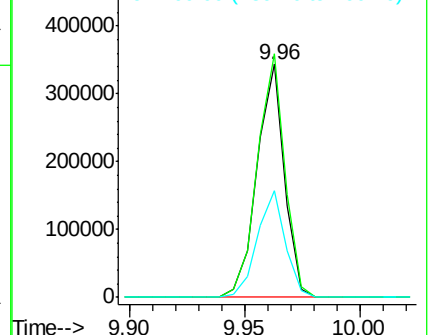


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.701 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Tgt Ion:216 Resp: 23854

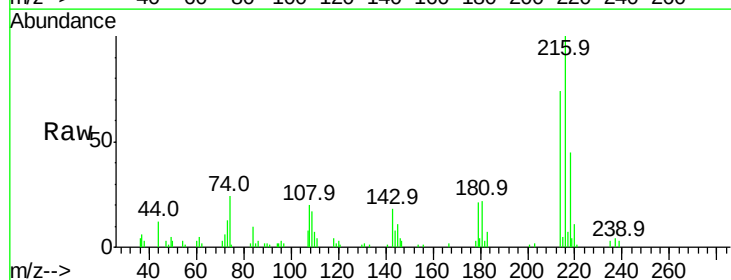
Ion Ratio Lower Upper

216 100

214 75.3 63.0 94.4

179 22.7 18.1 27.1

108 22.1 17.2 25.8



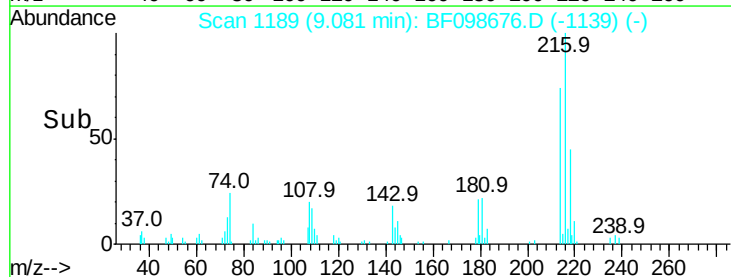
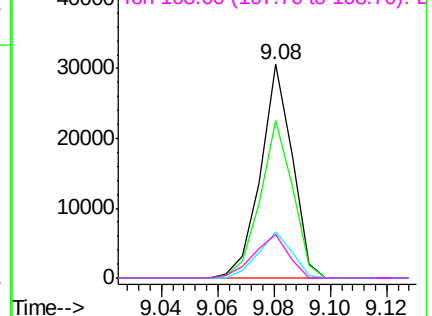
Abundance

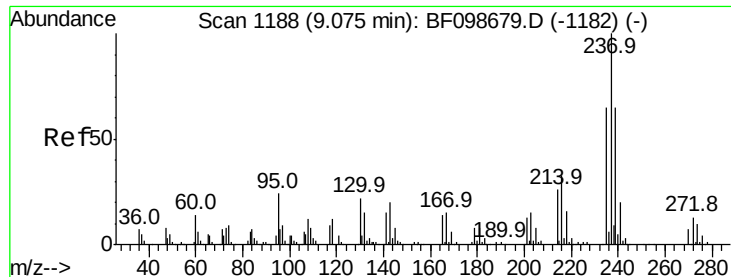
Ion 216.00 (215.70 to 216.70): E

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

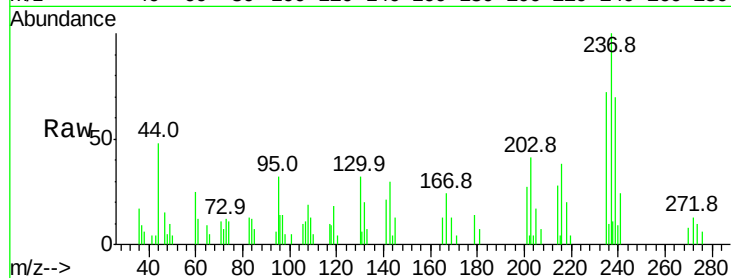




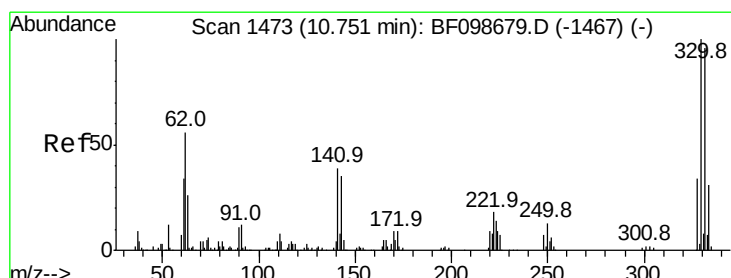
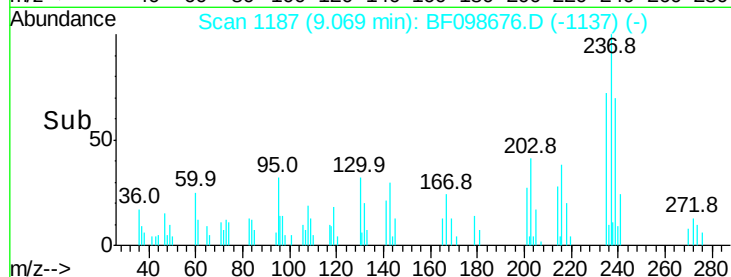
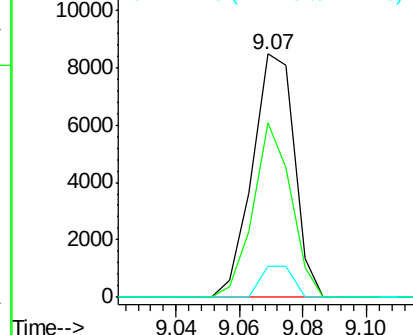
#40  
Hexachlorocyclopentadiene  
Concen: 3.439 ng  
RT: 9.07 min Scan# 1187  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:237 Resp: 7820  
Ion Ratio Lower Upper  
237 100  
235 71.7 44.8 84.8  
272 12.7 0.0 33.3

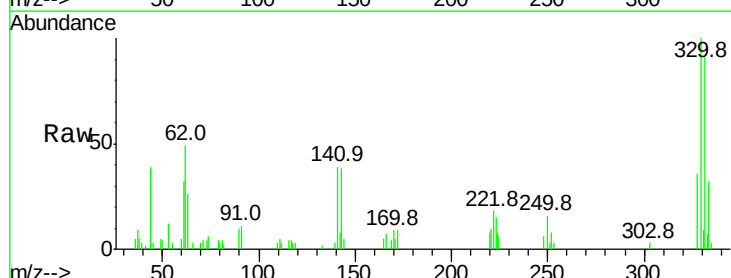


Abundance Ion 236.80 (236.50 to 237.50): E  
Ion 234.90 (234.60 to 235.60): E  
Ion 271.75 (271.45 to 272.45): E

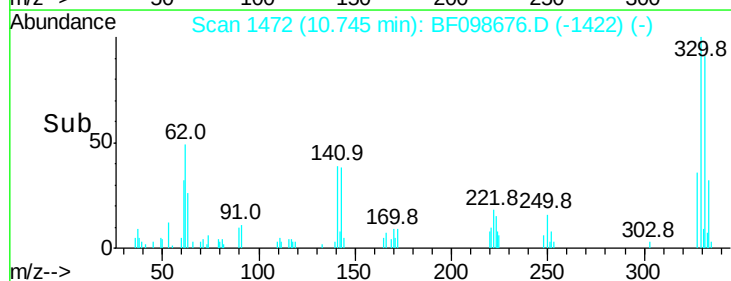
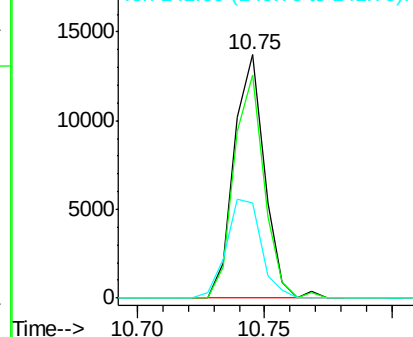


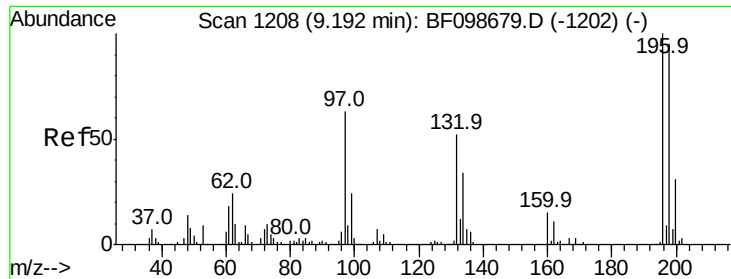
#41  
2,4,6-Tribromophenol  
Concen: 5.697 ng  
RT: 10.75 min Scan# 1472  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:330 Resp: 11463  
Ion Ratio Lower Upper  
330 100  
332 90.7 77.0 115.6  
141 46.5 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

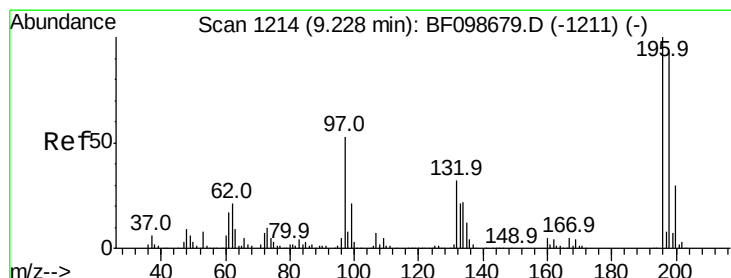
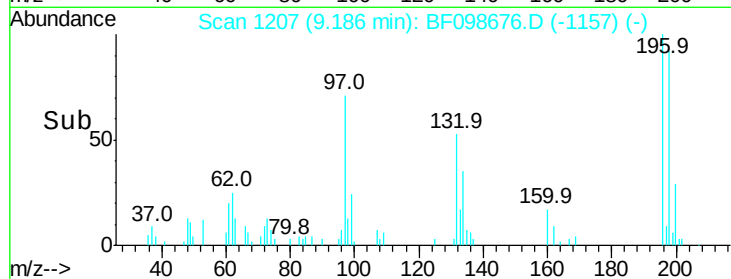
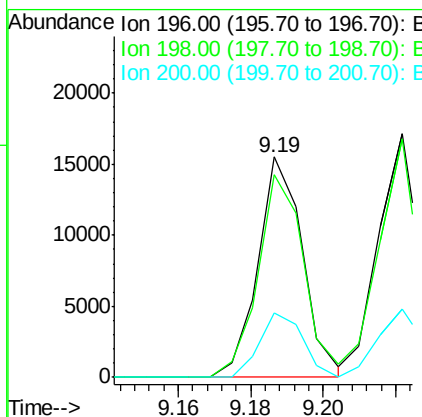
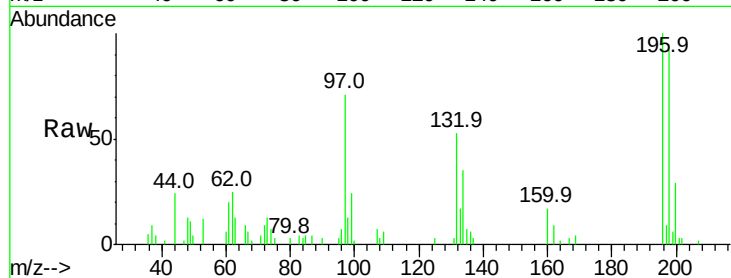




#42  
 2,4,6-Trichlorophenol  
 Concen: 2.509 ng  
 RT: 9.19 min Scan# 1207  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

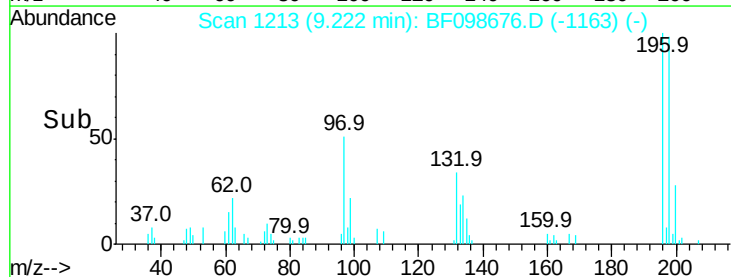
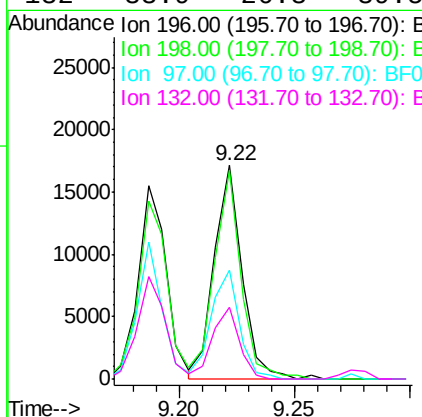
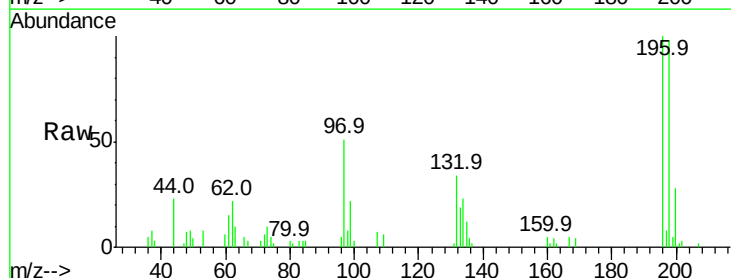
Instrument :  
 BNA\_F  
 ClientSampled :

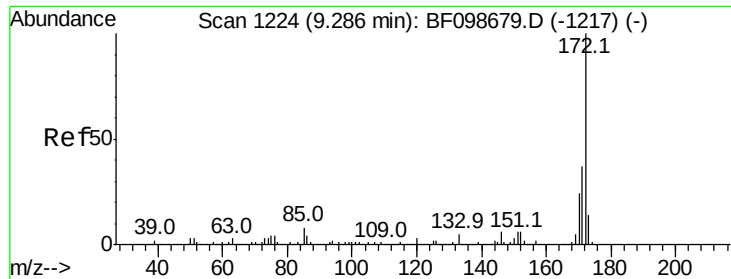
Tot Ion:196 Resp: 13217  
 Ion Ratio Lower Upper  
 196 100  
 198 92.0 75.7 113.5  
 200 29.2 24.5 36.7



#43  
 2,4,5-Trichlorophenol  
 Concen: 2.607 ng  
 RT: 9.22 min Scan# 1213  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:196 Resp: 14341  
 Ion Ratio Lower Upper  
 196 100  
 198 97.9 74.6 112.0  
 97 51.1 42.9 64.3  
 132 33.9 26.3 39.5

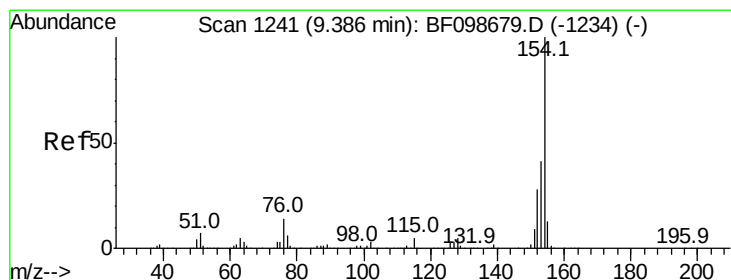
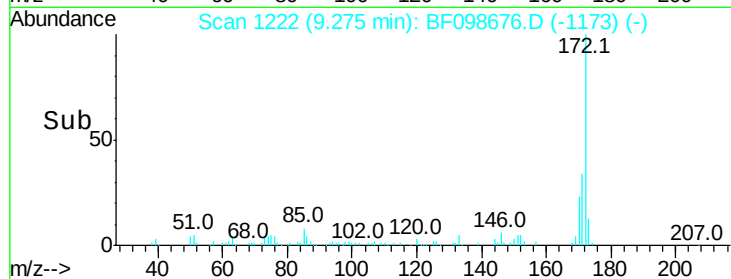
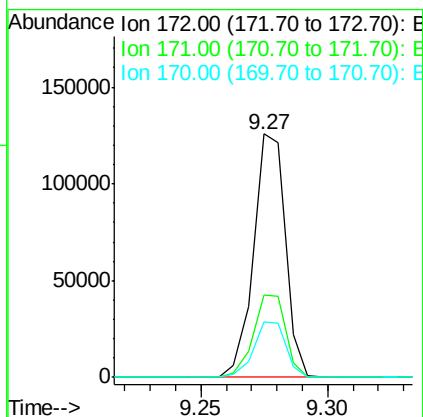
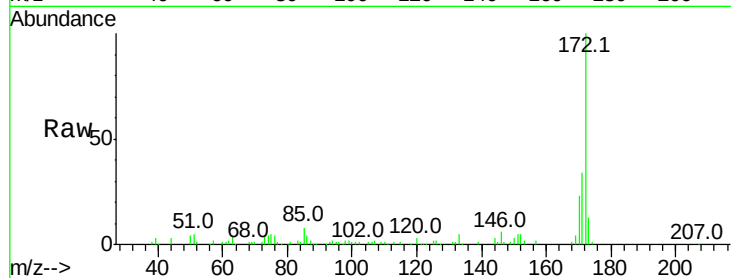




#44  
2-Fluorobiphenyl  
Concen: 6.534 ng  
RT: 9.27 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

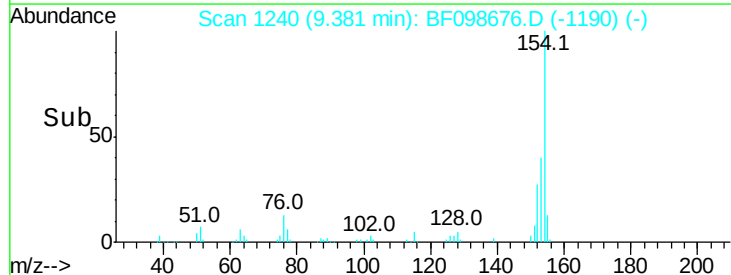
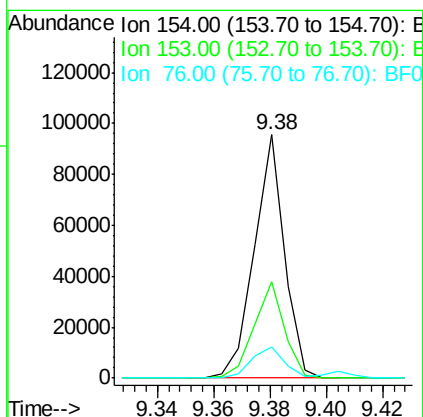
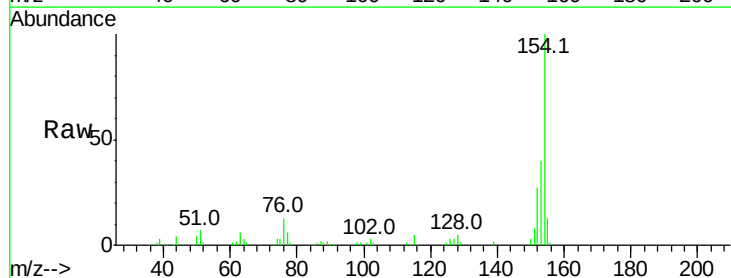
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:172 Resp: 110260  
Ion Ratio Lower Upper  
172 100  
171 33.9 29.7 44.5  
170 22.8 19.6 29.4

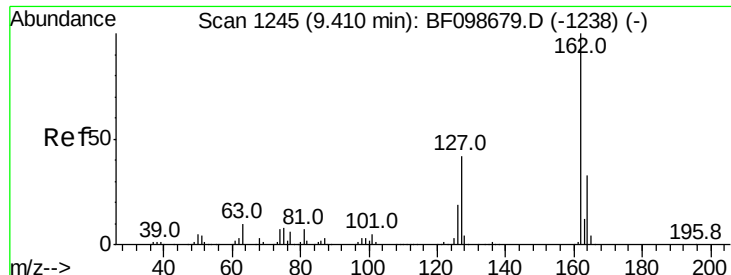


#45  
1,1'-Biphenyl  
Concen: 2.777 ng  
RT: 9.38 min Scan# 1240  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:154 Resp: 70587  
Ion Ratio Lower Upper  
154 100  
153 39.7 21.3 61.3  
76 12.7 0.0 34.0



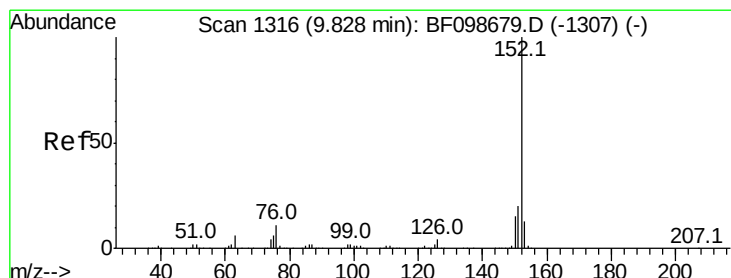
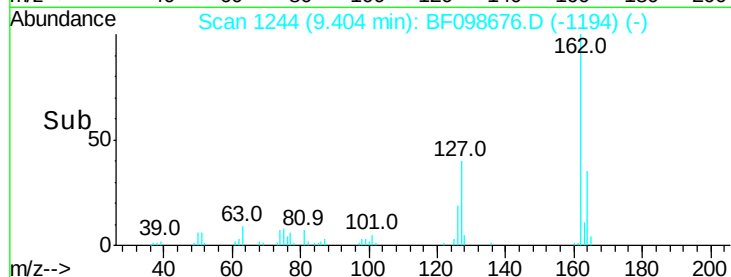
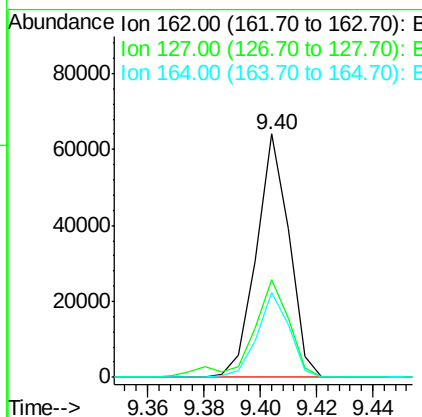
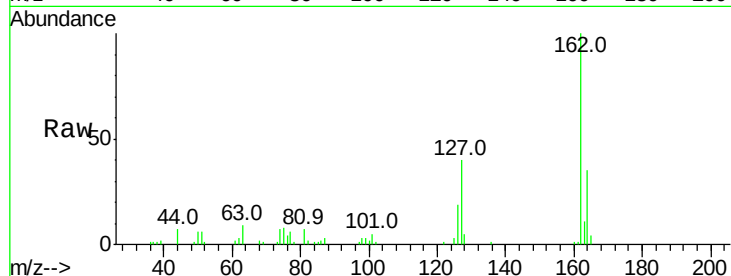




#46  
 2-Chloronaphthalene  
 Concen: 2.817 ng  
 RT: 9.40 min Scan# 1244  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

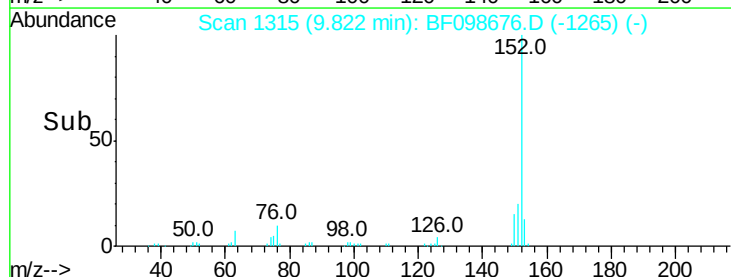
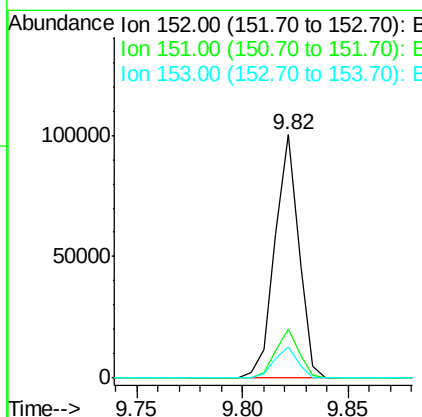
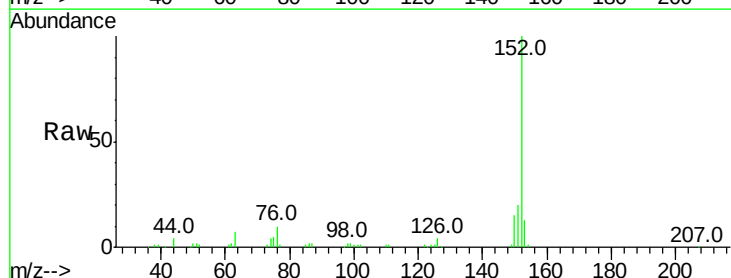
Instrument :  
 BNA\_F  
 ClientSampleId :

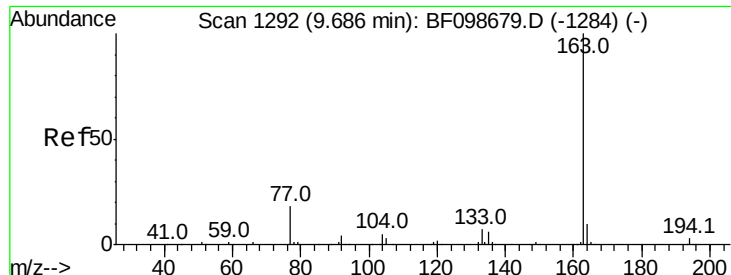
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 40.0  | 33.9  | 50.9  |
| 164     | 34.8  | 26.5  | 39.7  |



#48  
 Acenaphthylene  
 Concen: 2.884 ng  
 RT: 9.82 min Scan# 1315  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.3  | 16.3  | 24.5  |
| 153     | 12.6  | 10.7  | 16.1  |





#49

Dimethylphthalate

Concen: 2.702 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

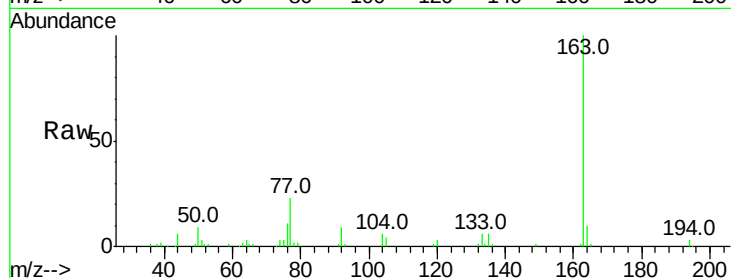
Tot Ion:163 Resp: 59476

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

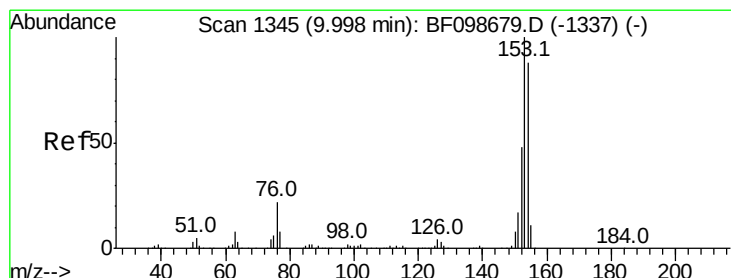
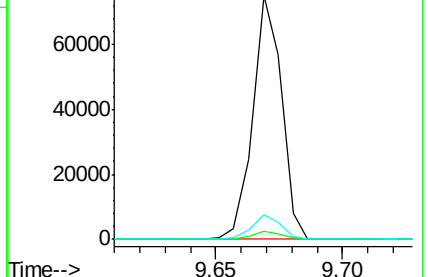
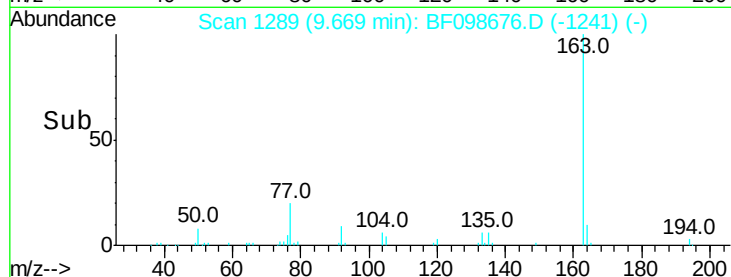
164 10.3 8.2 12.2



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



#51

Acenaphthene

Concen: 2.891 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

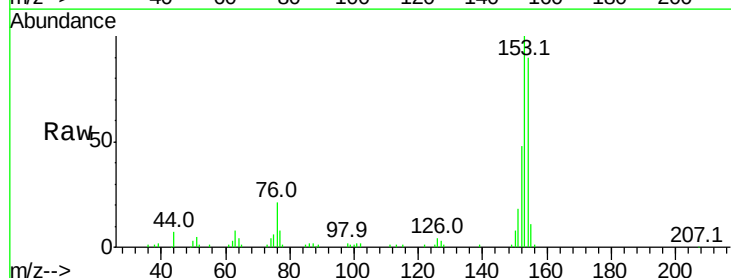
Tgt Ion:154 Resp: 50082

Ion Ratio Lower Upper

154 100

153 110.9 91.2 136.8

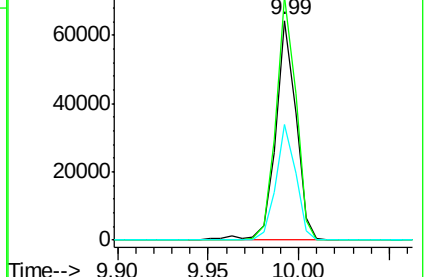
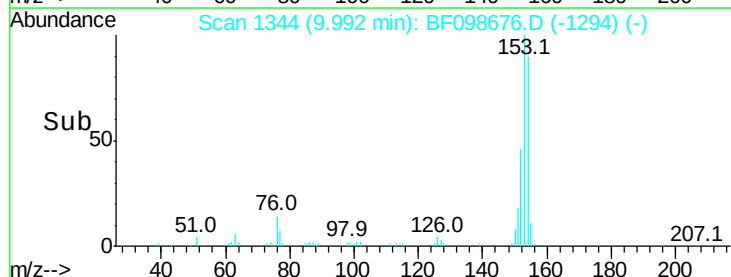
152 52.9 43.8 65.8

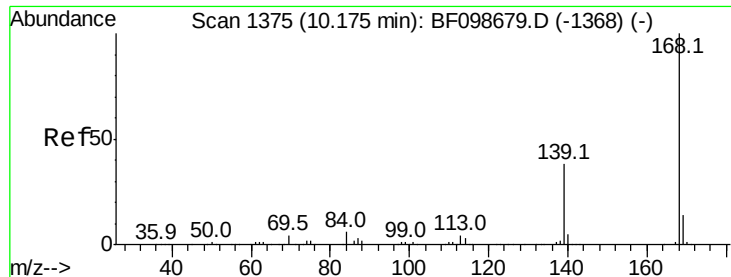


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#54

Dibenzenofuran

Concen: 3.053 ng

RT: 10.16 min Scan# 1373

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

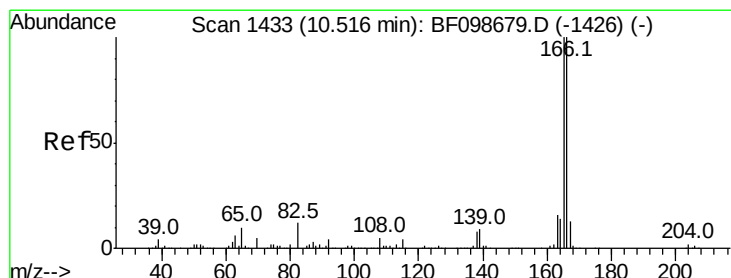
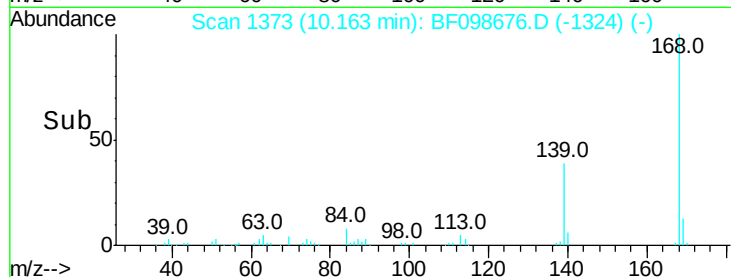
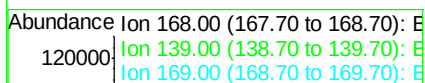
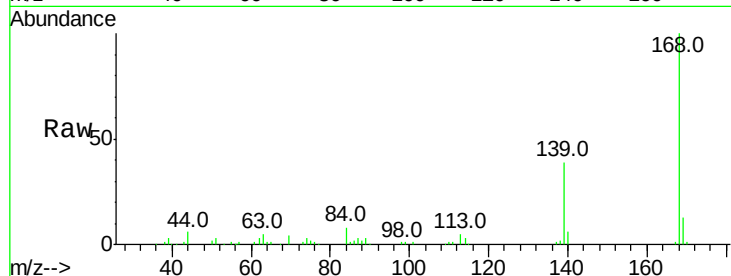
Tot Ion:168 Resp: 70030

Ion Ratio Lower Upper

168 100

139 39.1 30.1 45.1

169 12.8 10.9 16.3



#57

Fluorene

Concen: 3.038 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

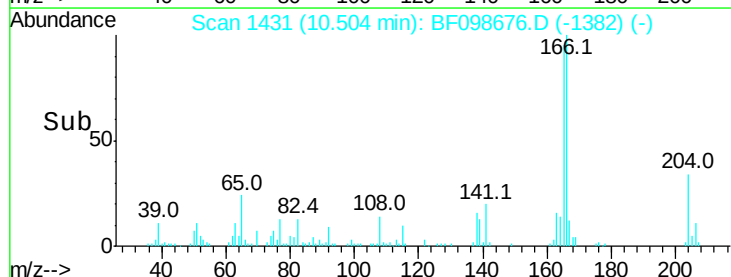
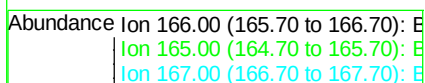
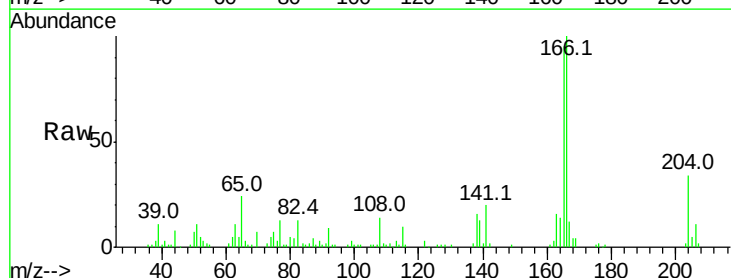
Tgt Ion:166 Resp: 57450

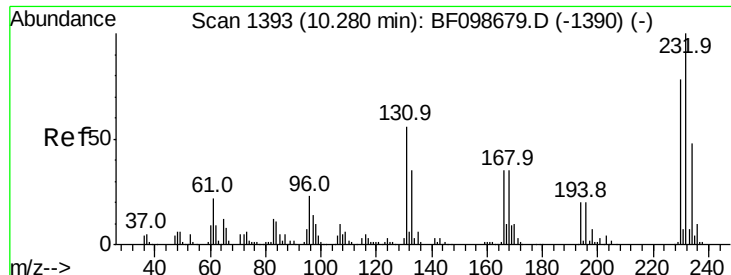
Ion Ratio Lower Upper

166 100

165 94.7 79.8 119.8

167 12.1 10.6 16.0

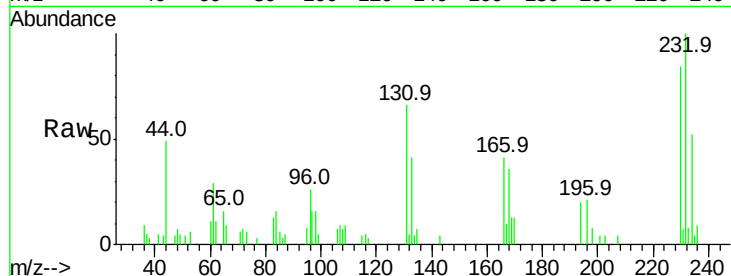




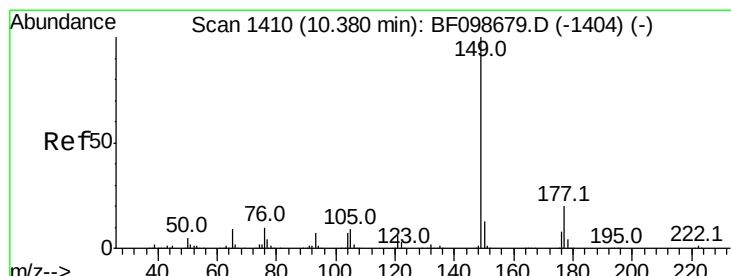
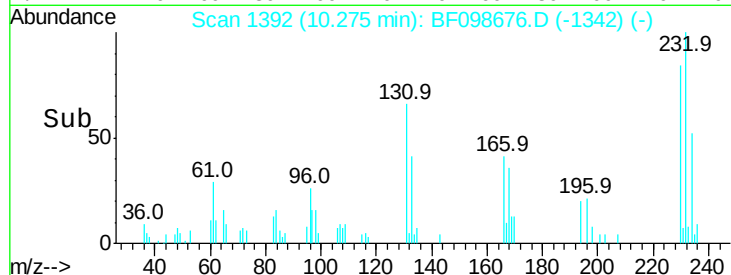
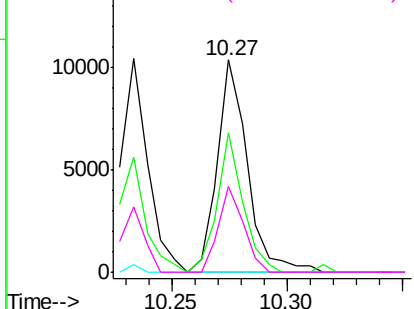
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.510 ng  
 RT: 10.27 min Scan# 1392  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Instrument :  
 BNA\_F  
 ClientSampleId :

Tot Ion:232 Resp: 9362  
 Ion Ratio Lower Upper  
 232 100  
 131 56.2 43.8 65.8  
 130 0.0 2.1 3.1#  
 166 33.5 27.8 41.6

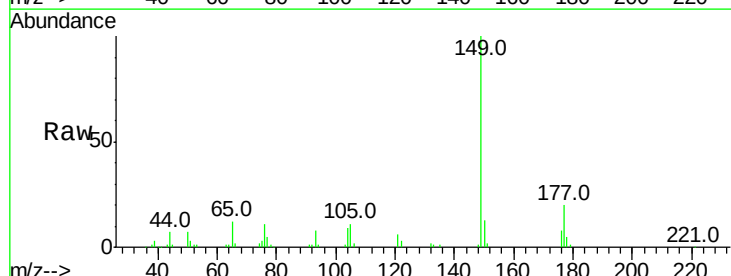


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

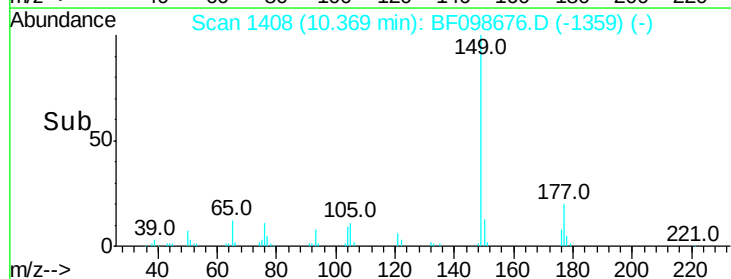
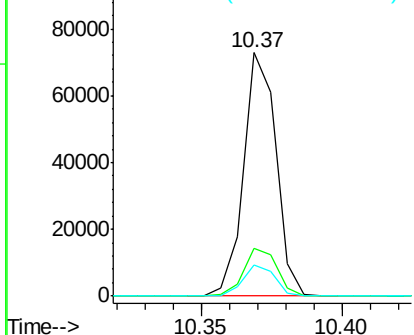


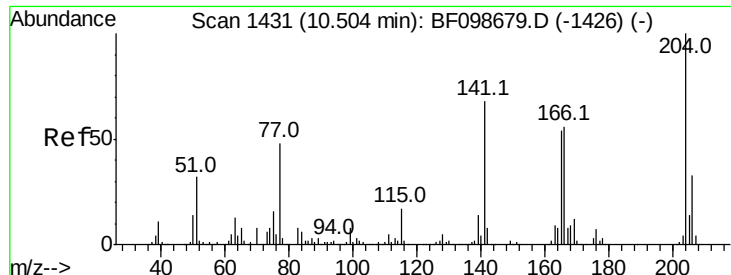
#59  
 Diethylphthalate  
 Concen: 2.752 ng  
 RT: 10.37 min Scan# 1408  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:149 Resp: 57935  
 Ion Ratio Lower Upper  
 149 100  
 177 19.7 16.1 24.1  
 150 12.7 10.1 15.1



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

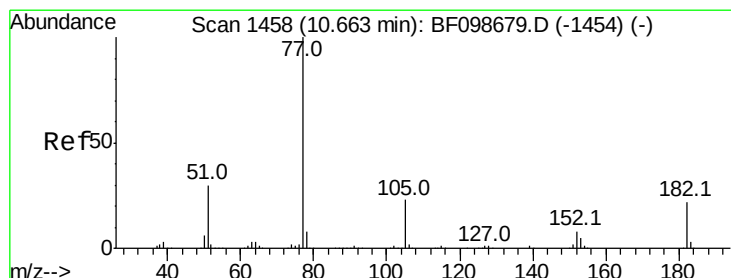
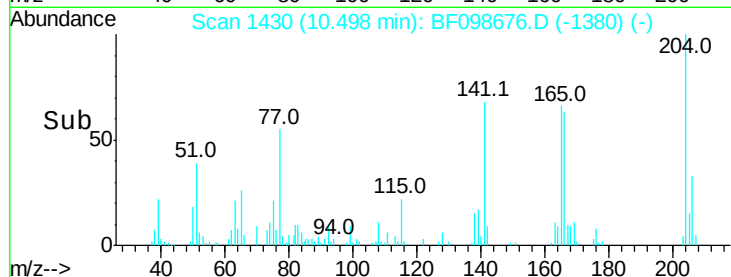
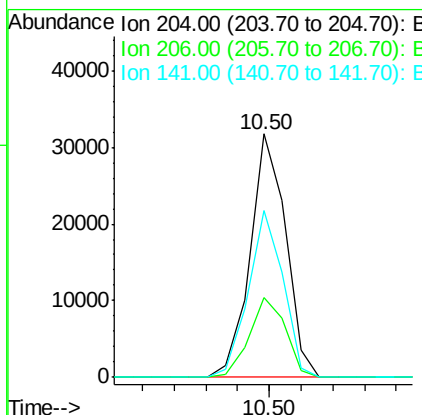
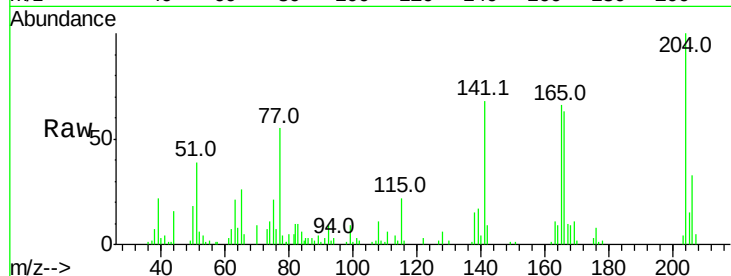




#60  
 4-Chlorophenyl-phenylether  
 Concen: 2.851 ng  
 RT: 10.50 min Scan# 1430  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

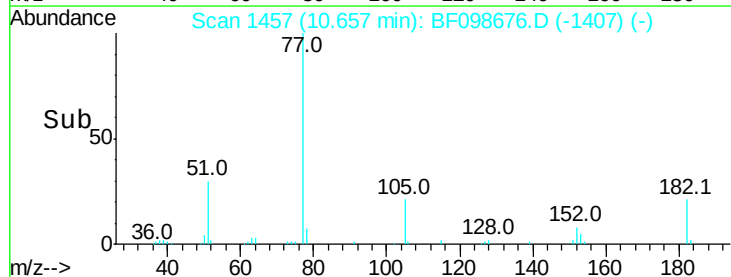
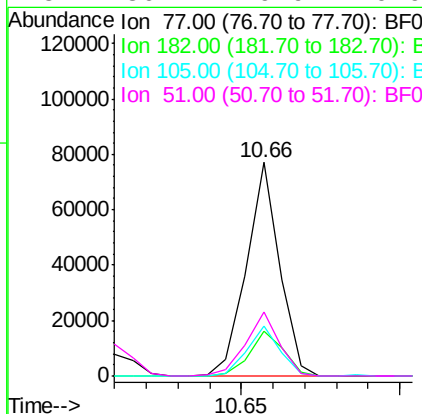
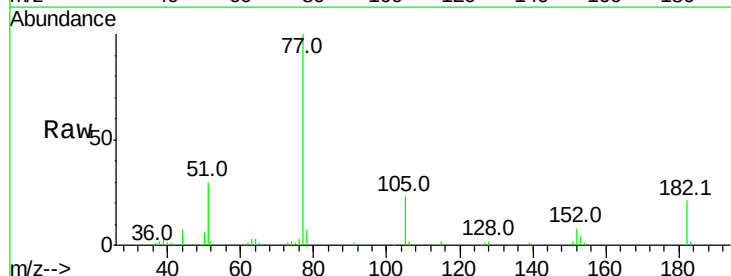
Instrument :  
 BNA\_F  
 ClientSampled :

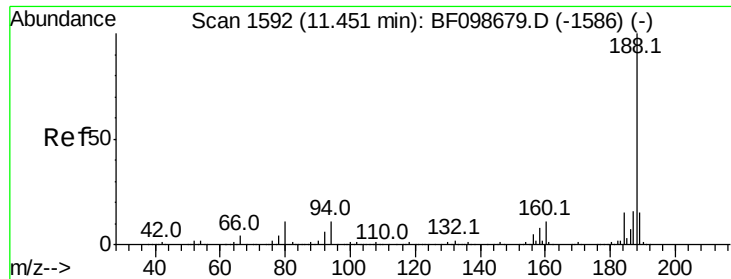
Tot Ion: 204 Resp: 24713  
 Ion Ratio Lower Upper  
 204 100  
 206 32.6 26.5 39.7  
 141 68.5 54.6 81.8



#62  
 Azobenzene  
 Concen: 2.515 ng  
 RT: 10.66 min Scan# 1457  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion: 77 Resp: 55901  
 Ion Ratio Lower Upper  
 77 100  
 182 21.0 1.7 41.7  
 105 23.2 3.0 43.0  
 51 30.2 9.9 49.9

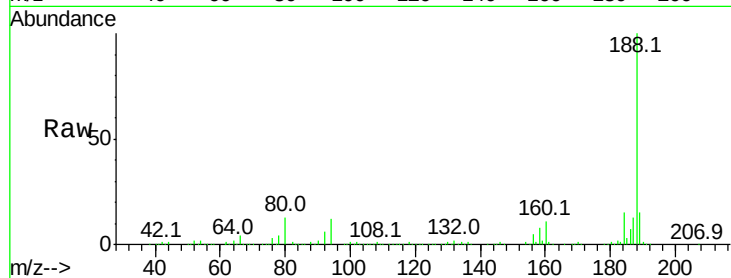




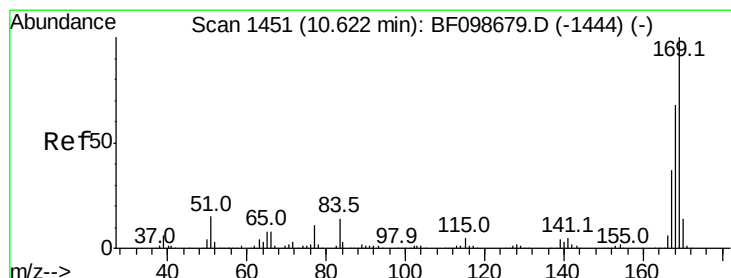
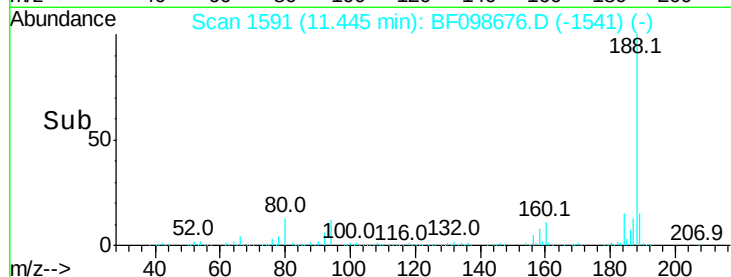
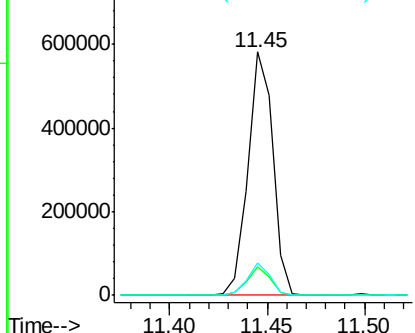
#63  
 Phenanthrene-d10  
 Concen: 20.000 ng  
 RT: 11.45 min Scan# 1591  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 11.9  | 8.5   | 12.7  |
| 80      | 13.1  | 9.2   | 13.8  |

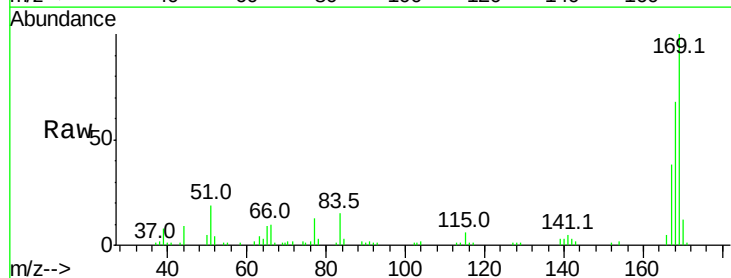


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

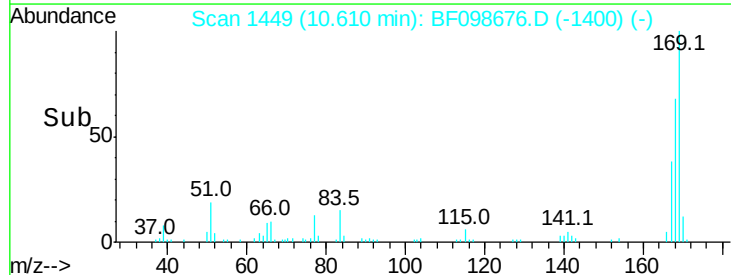
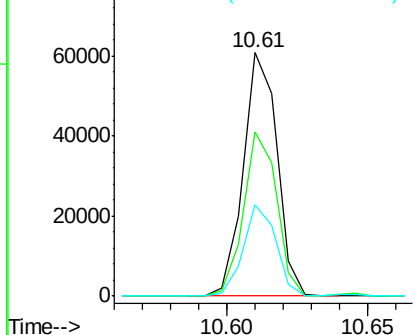


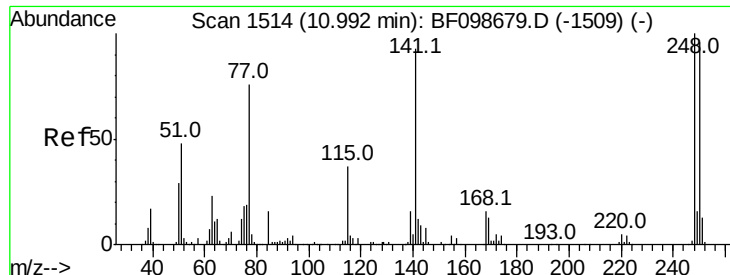
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.986 ng  
 RT: 10.61 min Scan# 1449  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 67.6  | 54.4  | 81.6  |
| 167     | 37.6  | 29.8  | 44.6  |



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

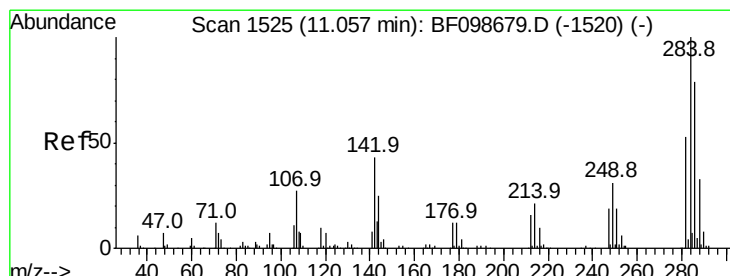
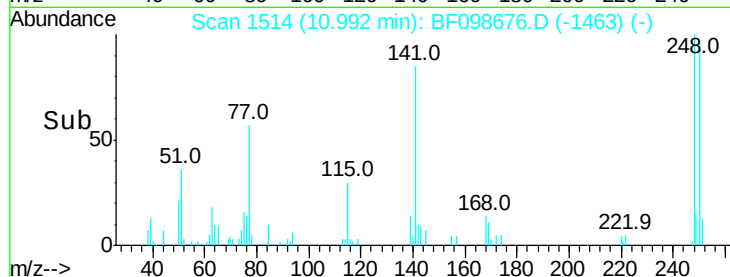
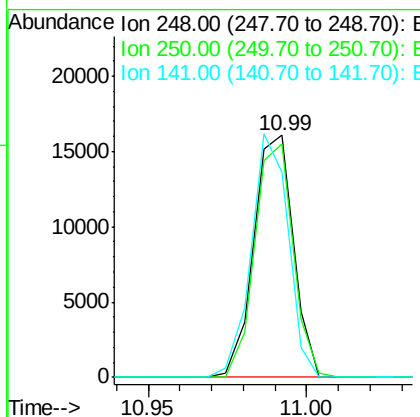
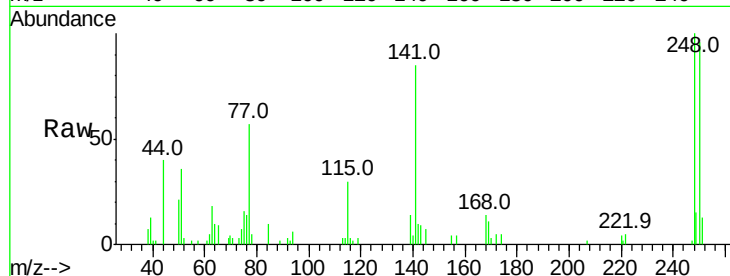




#66  
4-Bromophenyl-phenylether  
Concen: 2.834 ng  
RT: 10.99 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

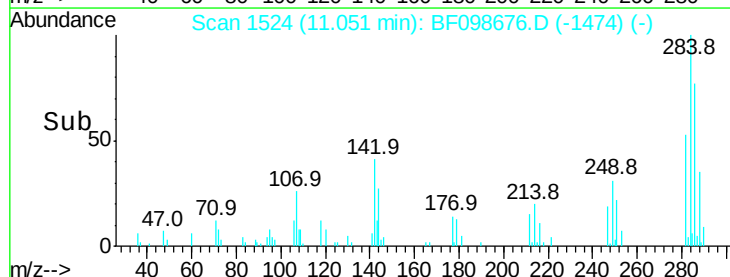
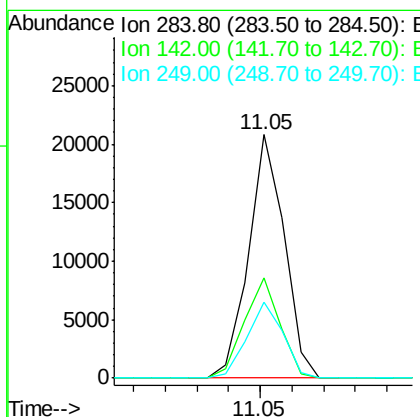
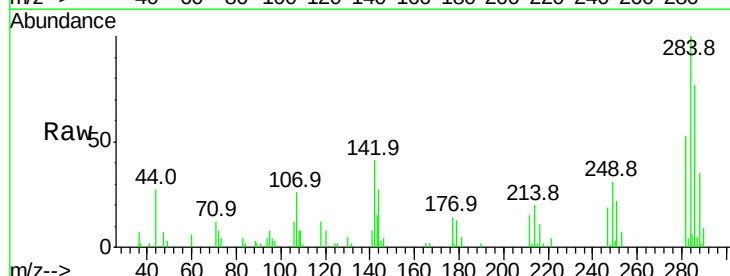
Instrument :  
BNA\_F  
ClientSampleId :

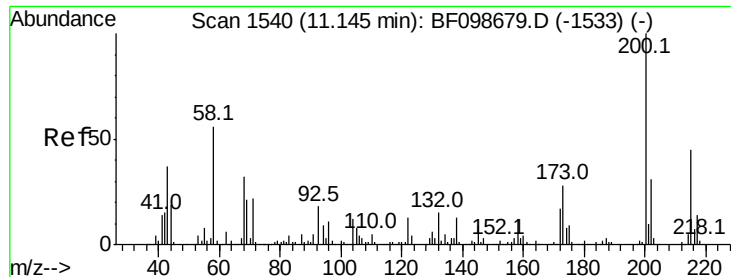
Tot Ion:248 Resp: 13957  
Ion Ratio Lower Upper  
248 100  
250 96.4 76.9 115.3  
141 84.9 74.4 111.6



#67  
Hexachlorobenzene  
Concen: 3.187 ng  
RT: 11.05 min Scan# 1524  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:284 Resp: 16223  
Ion Ratio Lower Upper  
284 100  
142 41.1 34.6 52.0  
249 31.3 24.8 37.2

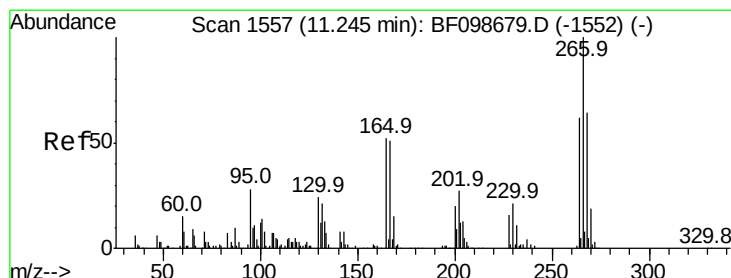
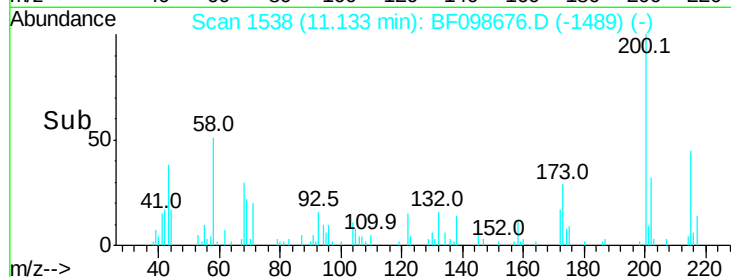
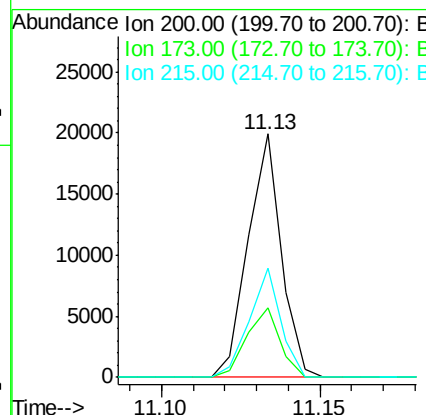
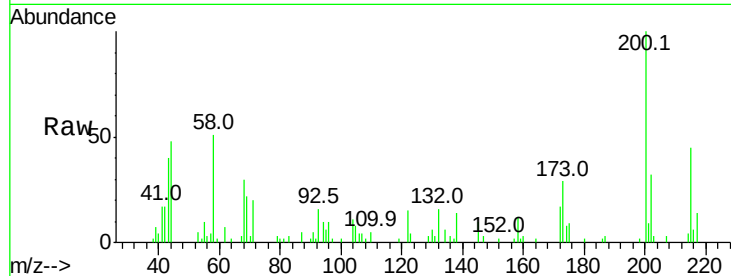




#68  
Atrazine  
Concen: 2.787 ng  
RT: 11.13 min Scan# 1538  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

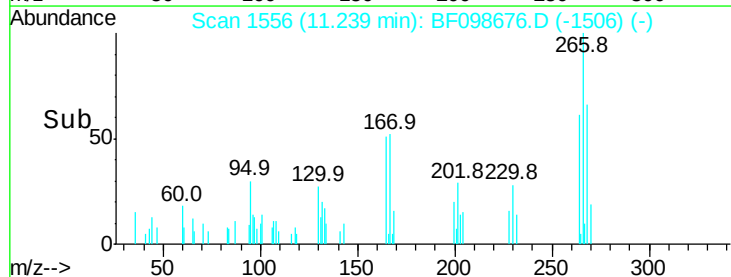
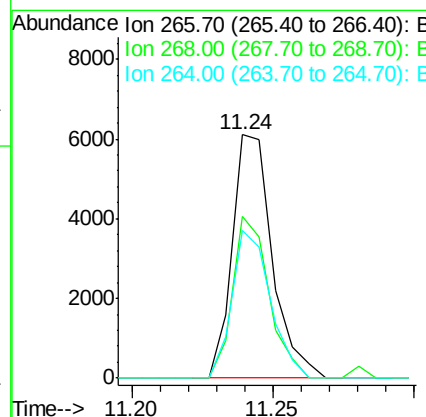
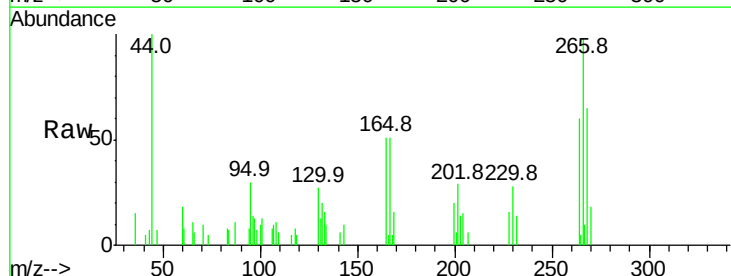
Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:200 Resp: 14415  
Ion Ratio Lower Upper  
200 100  
173 28.6 8.6 48.6  
215 44.8 25.1 65.1

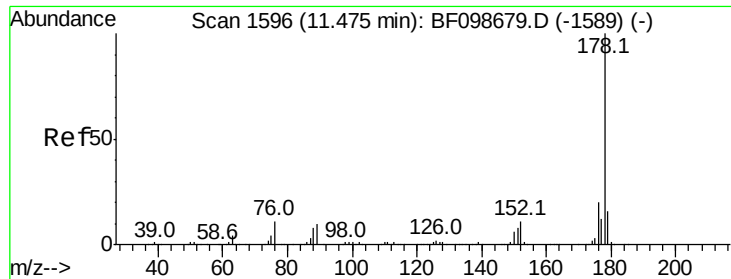


#69  
Pentachlorophenol  
Concen: 2.838 ng  
RT: 11.24 min Scan# 1556  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:266 Resp: 6010  
Ion Ratio Lower Upper  
266 100  
268 66.2 51.1 76.7  
264 60.8 49.5 74.3







#70

Phenanthrene

Concen: 2.987 ng

RT: 11.47 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

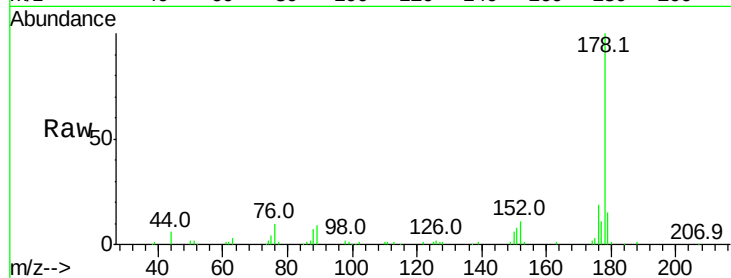
Tot Ion:178 Resp: 81937

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

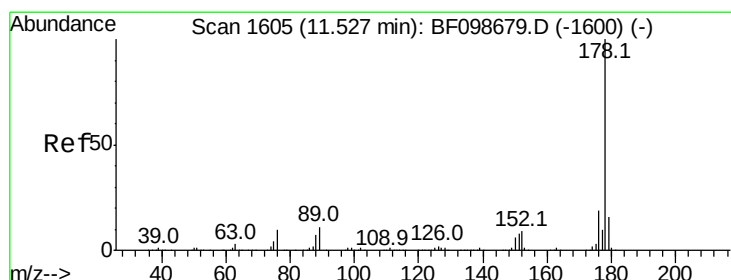
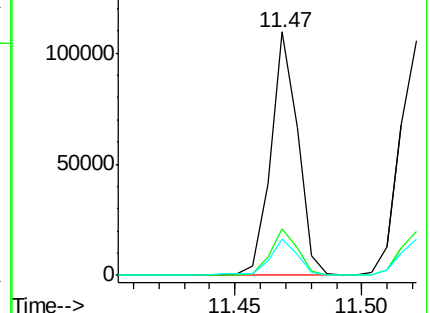
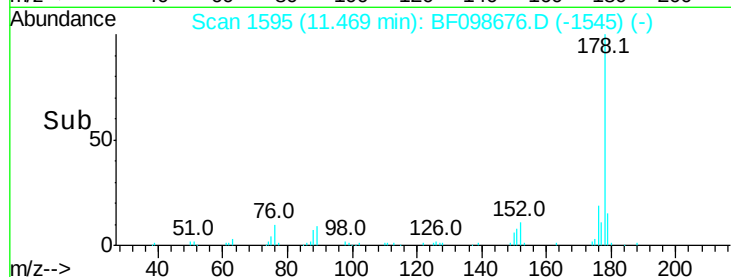
179 14.6 13.0 19.6



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.984 ng

RT: 11.52 min Scan# 1604

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

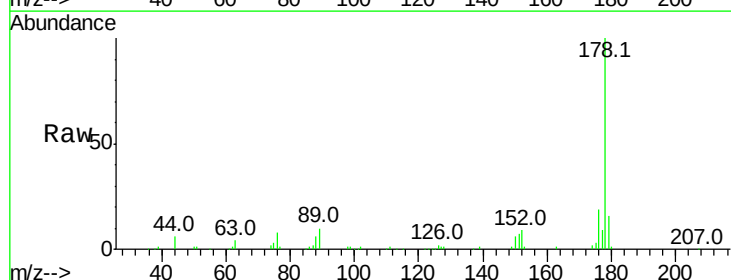
Tgt Ion:178 Resp: 83655

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

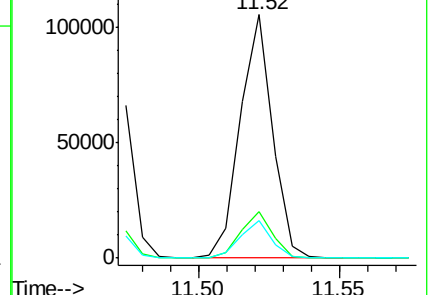
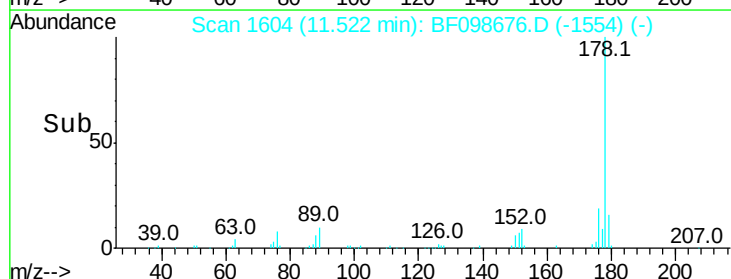
179 15.6 12.6 19.0

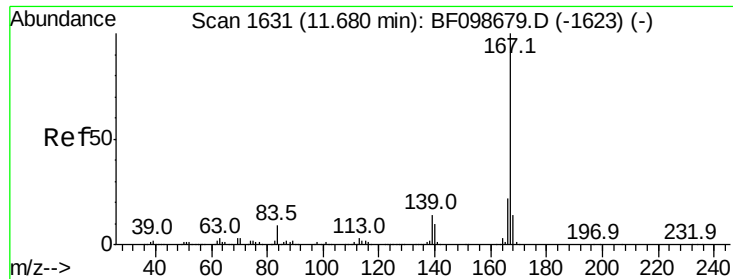


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

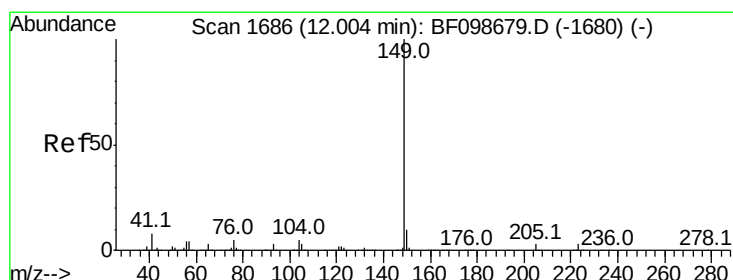
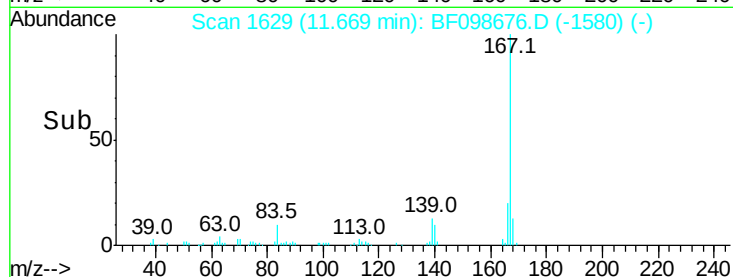
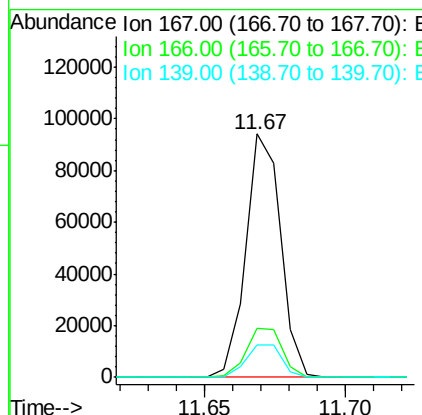
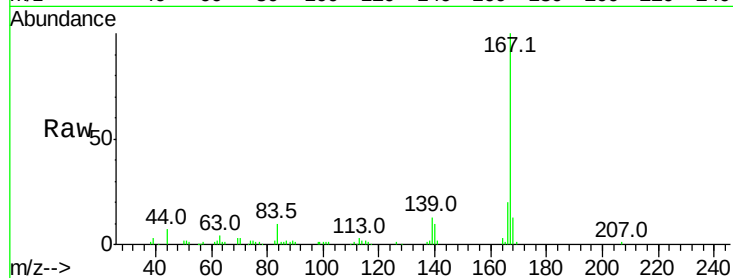




#72  
 Carbazole  
 Concen: 3.048 ng  
 RT: 11.67 min Scan# 1629  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

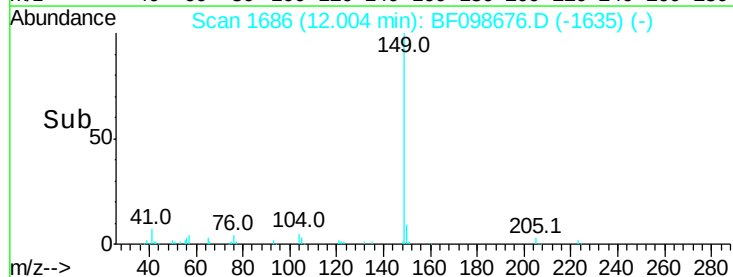
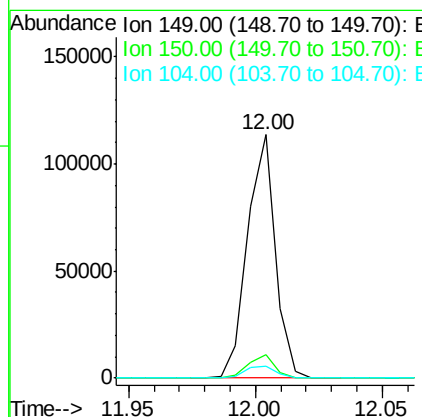
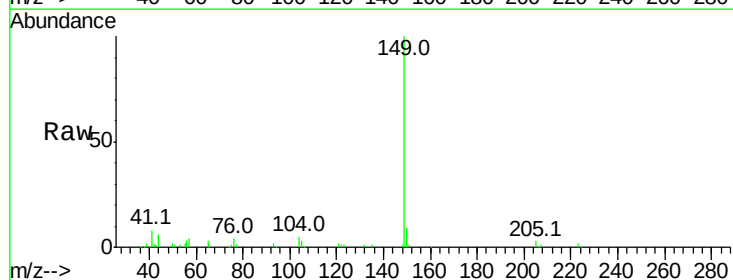
Instrument :  
 BNA\_F  
 ClientSampleId :

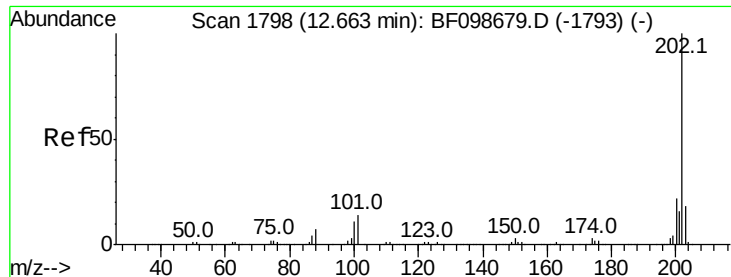
Tot Ion:167 Resp: 80469  
 Ion Ratio Lower Upper  
 167 100  
 166 20.2 17.6 26.4  
 139 13.2 10.9 16.3



#73  
 Di-n-butylphthalate  
 Concen: 2.768 ng  
 RT: 12.00 min Scan# 1686  
 Delta R.T. 0.00 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Tgt Ion:149 Resp: 86938  
 Ion Ratio Lower Upper  
 149 100  
 150 9.5 7.8 11.6  
 104 5.0 3.8 5.8

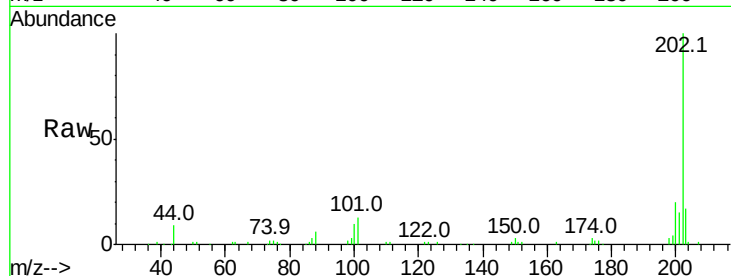




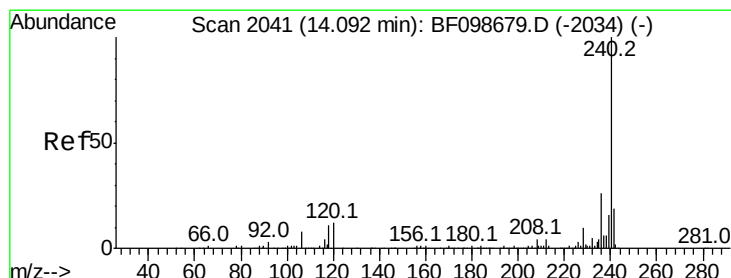
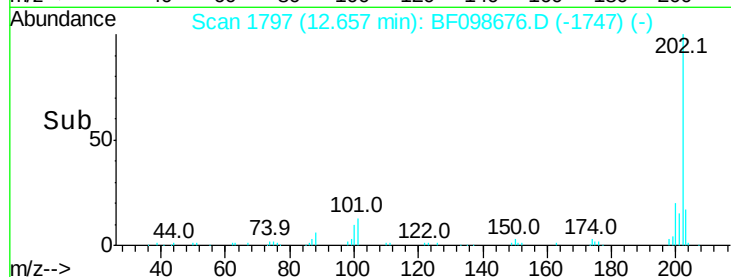
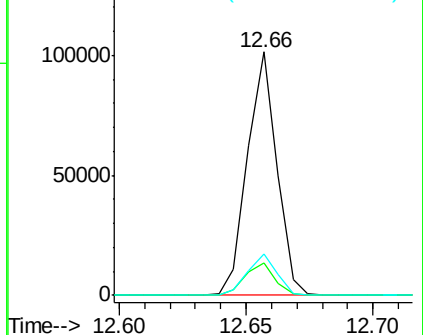
#74  
Fluoranthene  
Concen: 3.002 ng  
RT: 12.66 min Scan# 1797  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampled :

Tot Ion:202 Resp: 82090  
Ion Ratio Lower Upper  
202 100  
101 13.2 0.0 34.1  
203 16.9 0.0 38.1

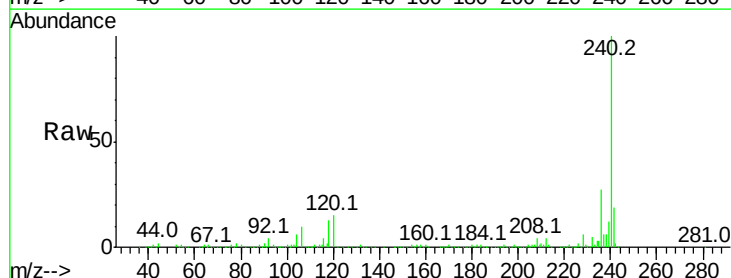


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 203.00 (202.70 to 203.70): E

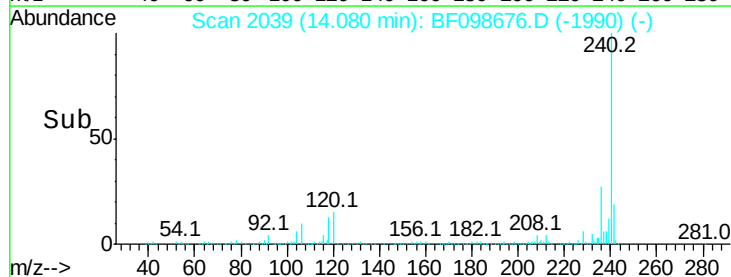
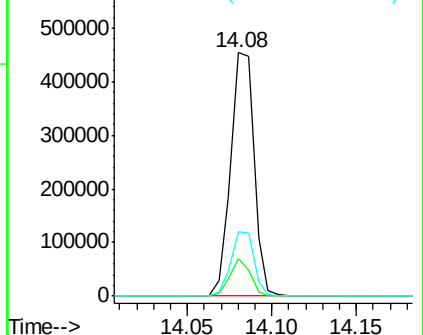


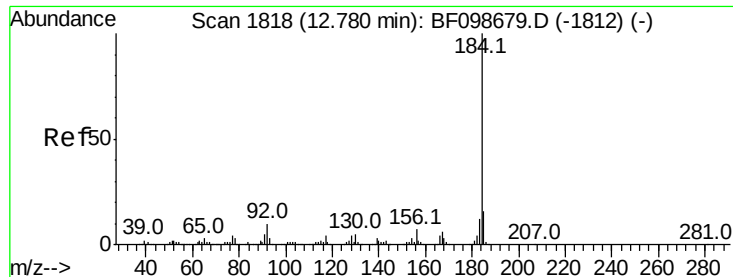
#75  
Chrysene-d12  
Concen: 20.000 ng  
RT: 14.08 min Scan# 2039  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:240 Resp: 438687  
Ion Ratio Lower Upper  
240 100  
120 15.2 9.5 14.3#  
236 26.5 20.7 31.1



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





#76

Benzidine

Concen: 2.542 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

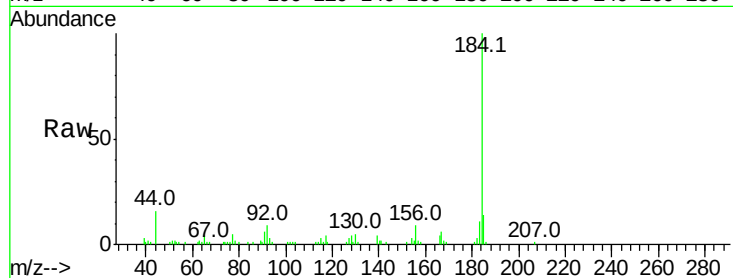
Tot Ion:184 Resp: 48770

Ion Ratio Lower Upper

184 100

185 14.4 12.6 18.8

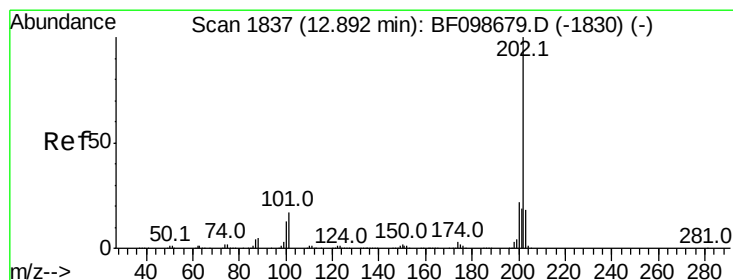
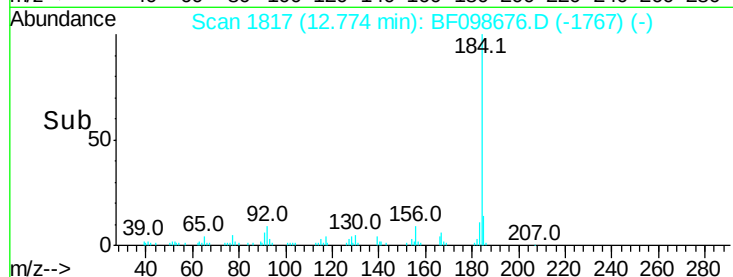
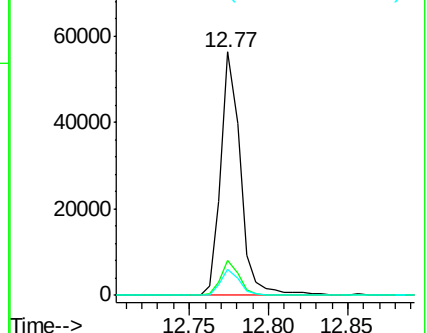
183 10.5 9.3 13.9



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

Pyrene

Concen: 2.432 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

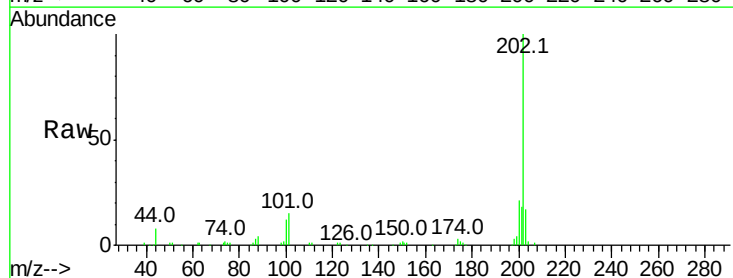
Tgt Ion:202 Resp: 83803

Ion Ratio Lower Upper

202 100

200 21.5 17.4 26.2

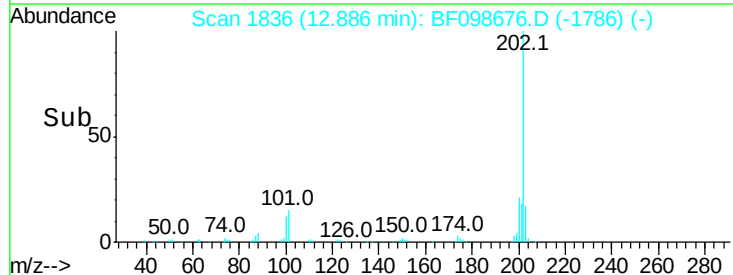
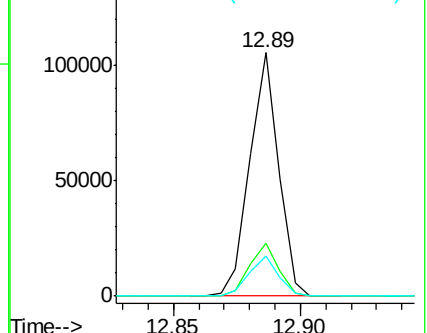
203 16.5 14.3 21.5

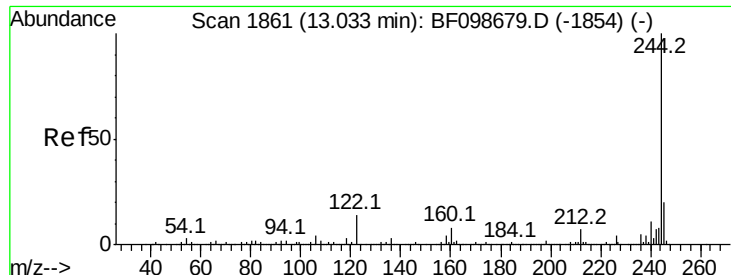


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 5.689 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

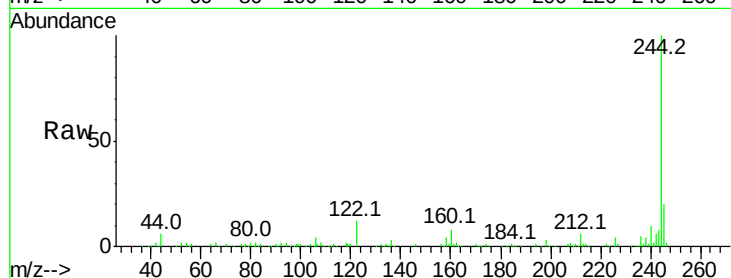
Tot Ion:244 Resp: 116346

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.0

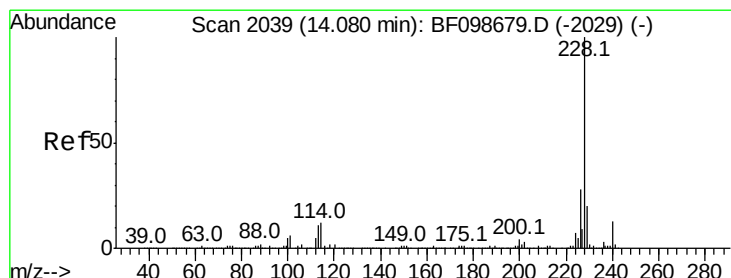
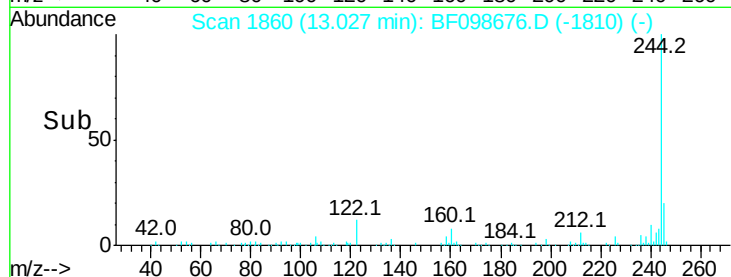
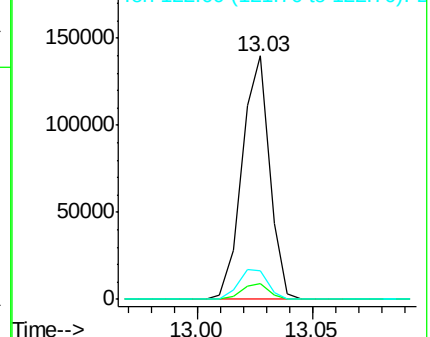
122 11.6 11.0 16.4



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



#80

Benzo(a)anthracene

Concen: 2.827 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

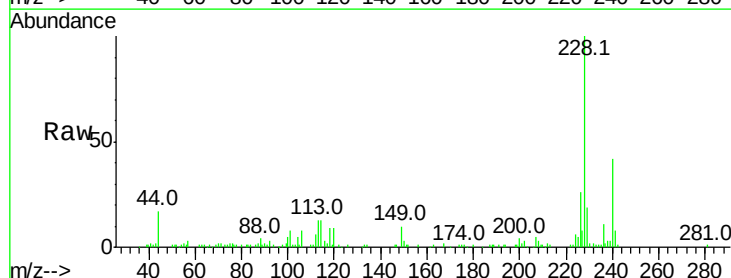
Tgt Ion:228 Resp: 73227

Ion Ratio Lower Upper

228 100

226 26.3 22.6 33.8

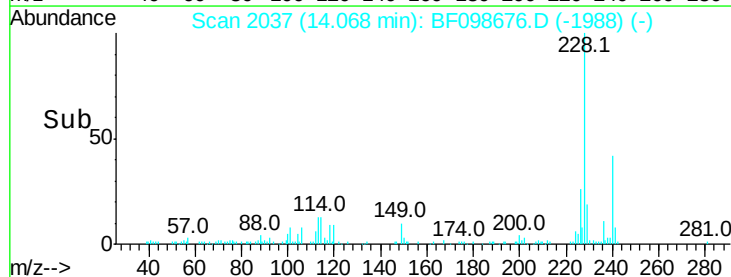
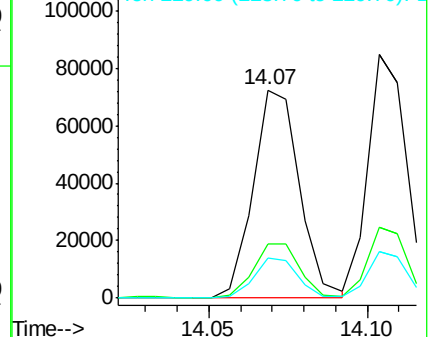
229 19.1 15.8 23.6

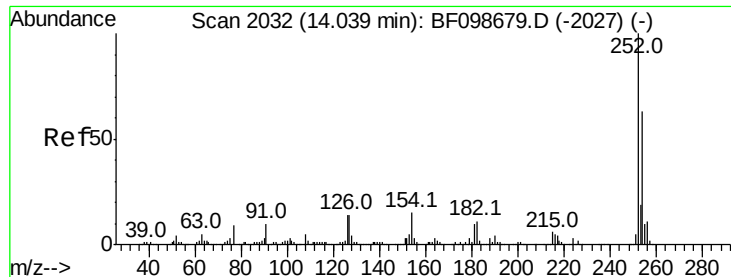


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

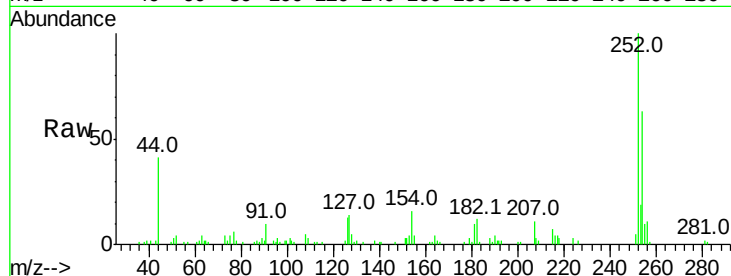




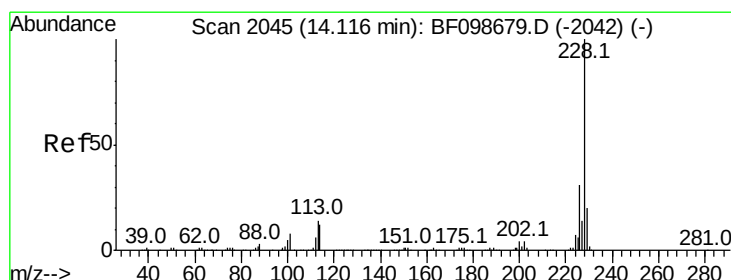
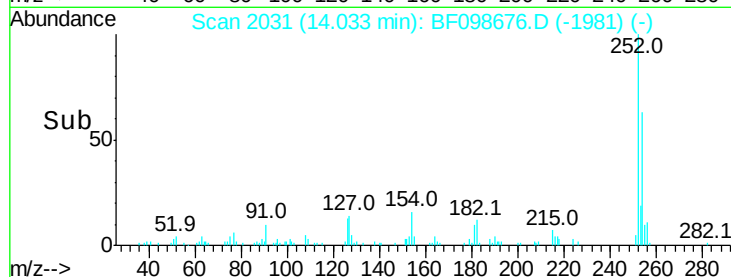
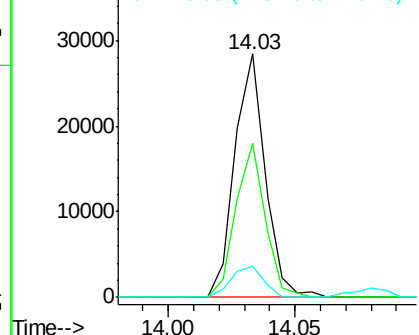
#81  
 3,3'-Dichlorobenzidine  
 Concen: 2.390 ng  
 RT: 14.03 min Scan# 2031  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

Instrument :  
 BNA\_F  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 50.4  | 75.6  |
| 126     | 12.8  | 11.3  | 16.9  |

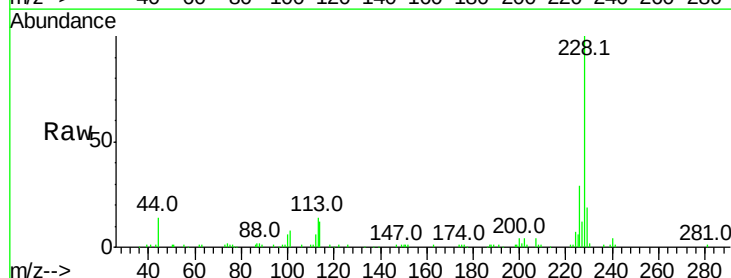


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

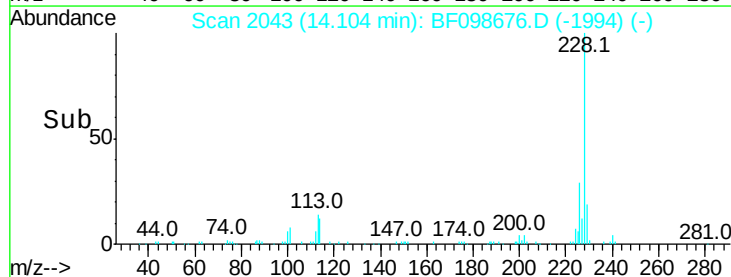
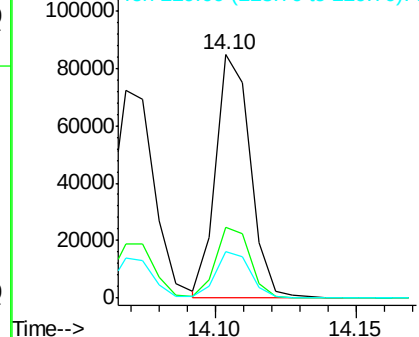


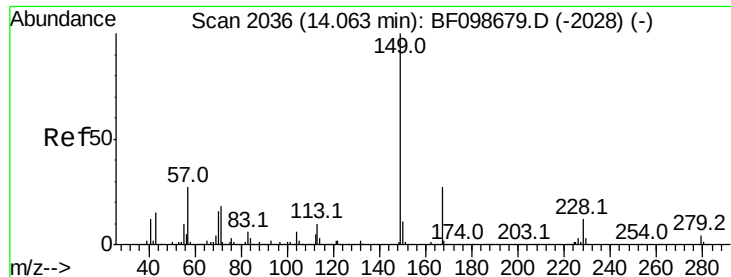
#82  
 Chrysene  
 Concen: 2.771 ng  
 RT: 14.10 min Scan# 2043  
 Delta R.T. -0.01 min  
 Lab File: BF098676.D  
 Acq: 22 Sep 2017 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.0  | 25.0  | 37.6  |
| 229     | 19.2  | 16.2  | 24.4  |



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.247 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampleId :

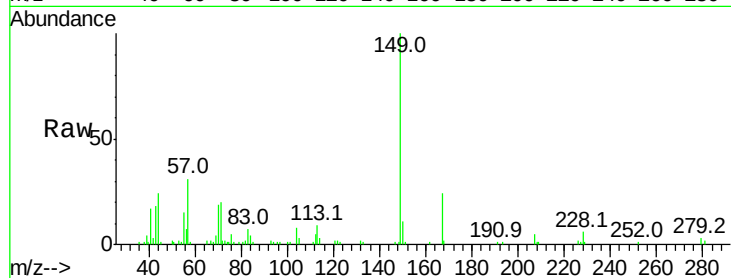
Tot Ion:149 Resp: 42365

Ion Ratio Lower Upper

149 100

167 23.6 21.3 31.9

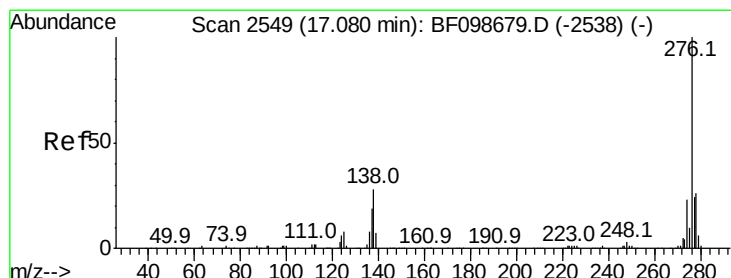
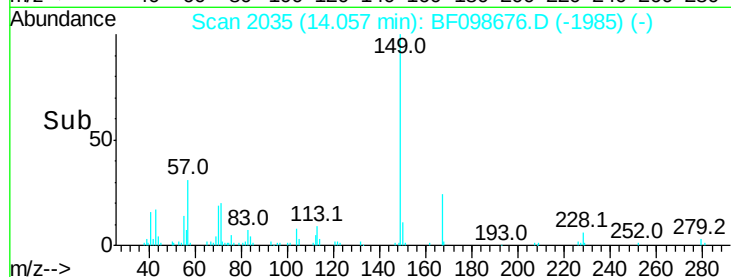
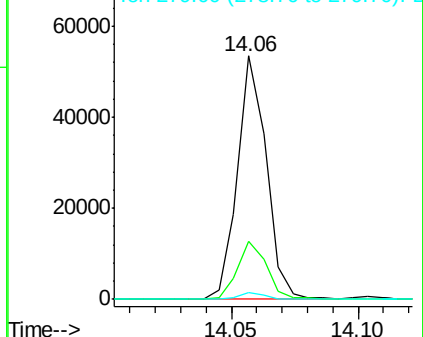
279 2.6 3.0 4.4#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.742 ng

RT: 17.07 min Scan# 2547

Delta R.T. -0.01 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

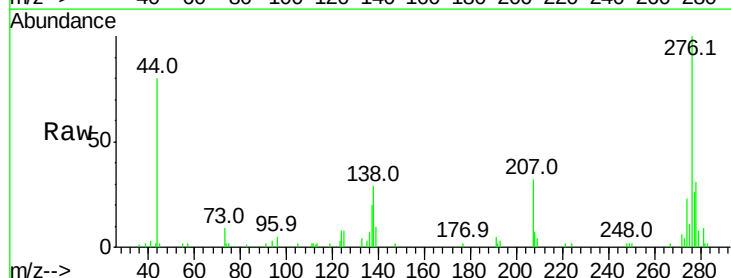
Tgt Ion:276 Resp: 50563

Ion Ratio Lower Upper

276 100

138 31.3 25.0 37.6

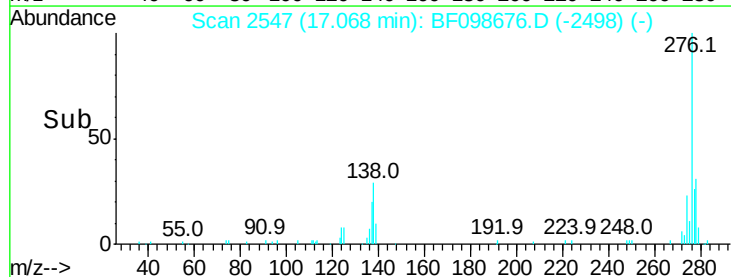
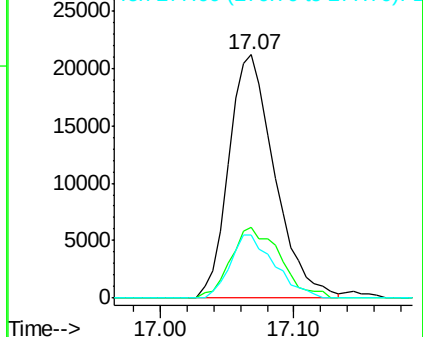
277 25.1 20.1 30.1

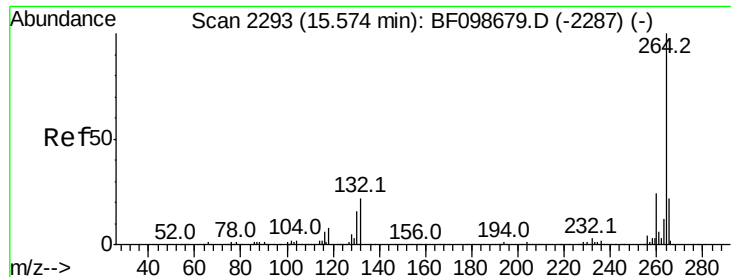


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



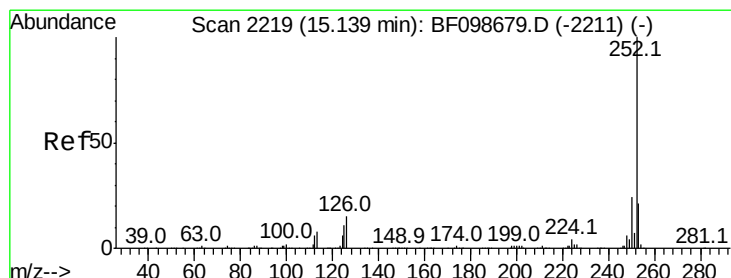
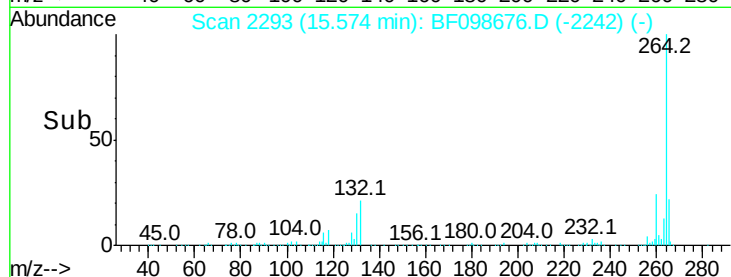
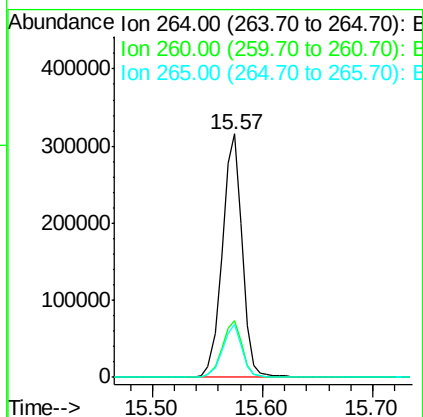
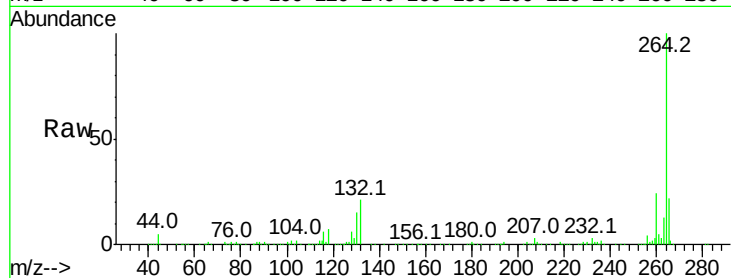


#86  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Instrument :  
BNA\_F  
ClientSampleId :

Tot Ion:264 Resp: 396510  

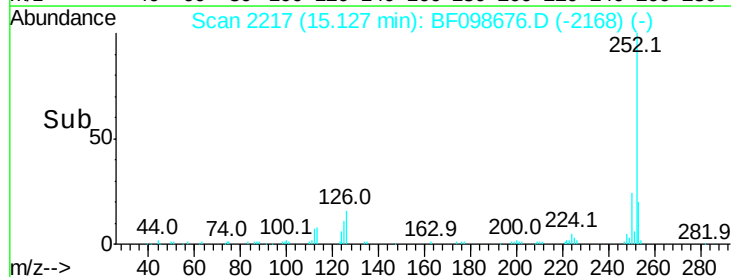
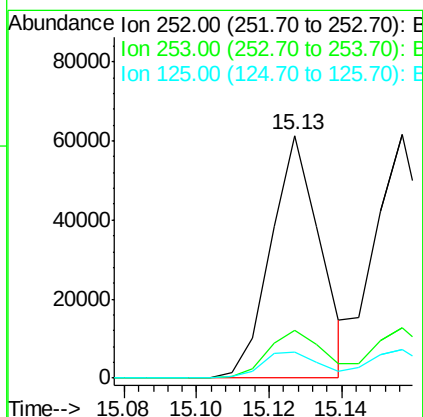
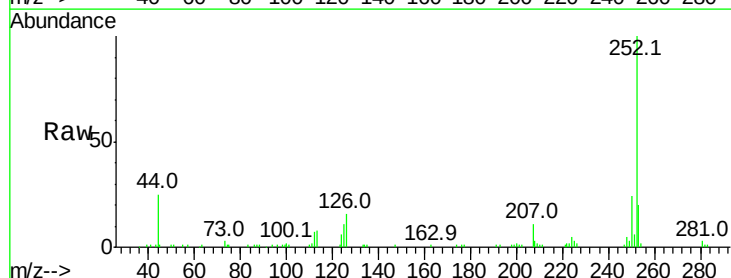
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 19.2  | 28.8  |
| 265 | 21.8  | 17.5  | 26.3  |



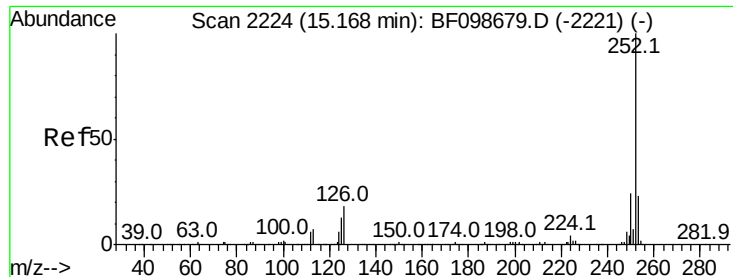
#87  
Benzo(b)fluoranthene  
Concen: 2.334 ng  
RT: 15.13 min Scan# 2217  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

Tgt Ion:252 Resp: 57910  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 19.7  | 17.0  | 25.6  |
| 125 | 10.9  | 9.0   | 13.6  |



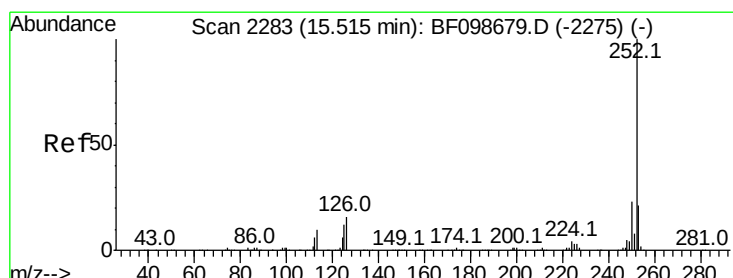
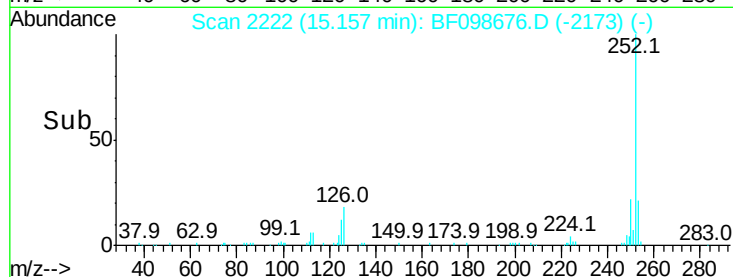
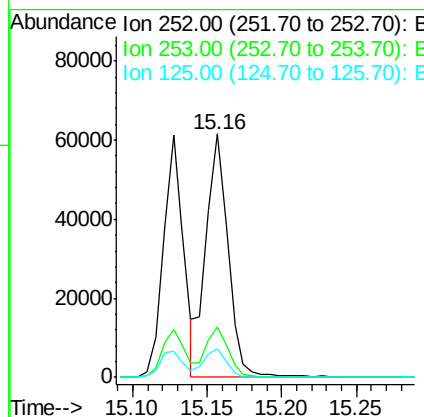
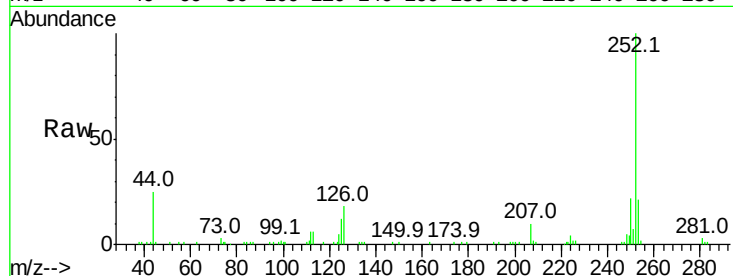




#88  
Benzo(k)fluoranthene  
Concen: 2.736 ng  
RT: 15.16 min Scan# 2222  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

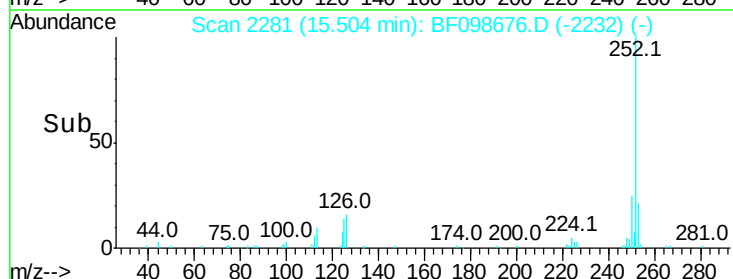
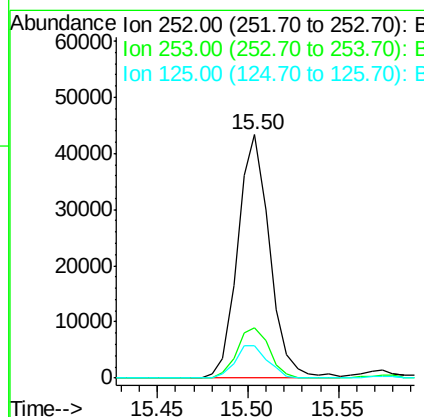
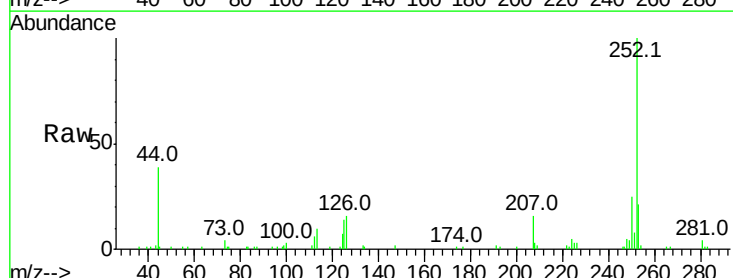
Instrument :  
BNA\_F  
ClientSampled :

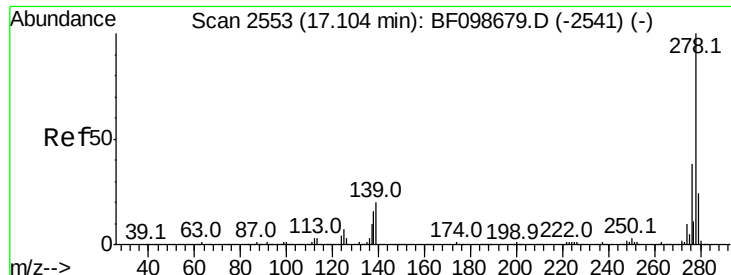
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.6  | 17.9  | 26.9  |
| 125     | 11.6  | 10.2  | 15.2  |



#89  
Benzo(a)pyrene  
Concen: 2.407 ng  
RT: 15.50 min Scan# 2281  
Delta R.T. -0.01 min  
Lab File: BF098676.D  
Acq: 22 Sep 2017 1:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 253     | 20.7  | 17.1  | 25.7  |
| 125     | 13.5  | 9.8   | 14.6  |





#90

Dibenzo(a,h)anthracene

Concen: 2.547 ng

RT: 17.09 min Scan# 2550

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

Instrument :

BNA\_F

ClientSampled :

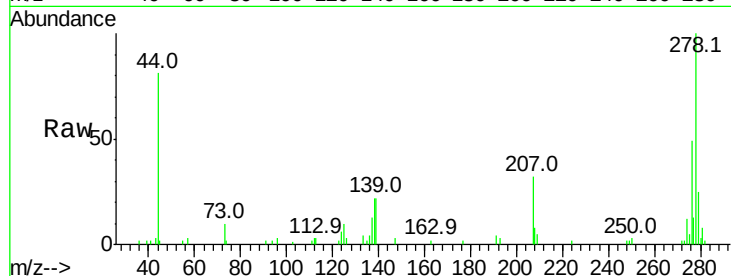
Tot Ion:278 Resp: 42117

Ion Ratio Lower Upper

278 100

139 21.8 15.9 23.9

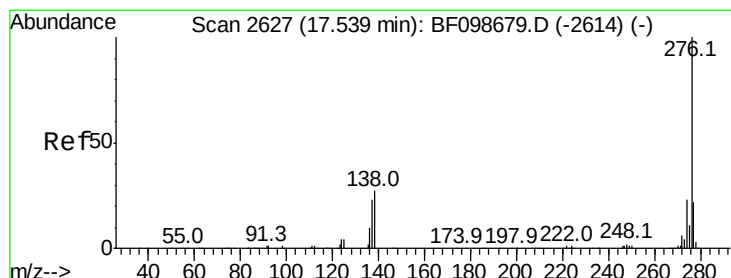
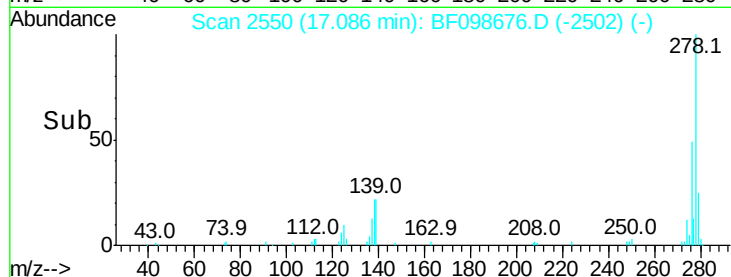
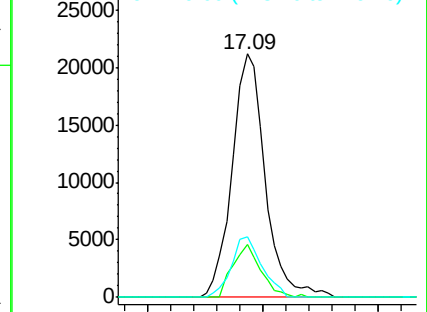
279 24.8 19.0 28.4



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(g,h,i)perylene

Concen: 2.515 ng

RT: 17.52 min Scan# 2623

Delta R.T. -0.02 min

Lab File: BF098676.D

Acq: 22 Sep 2017 1:33

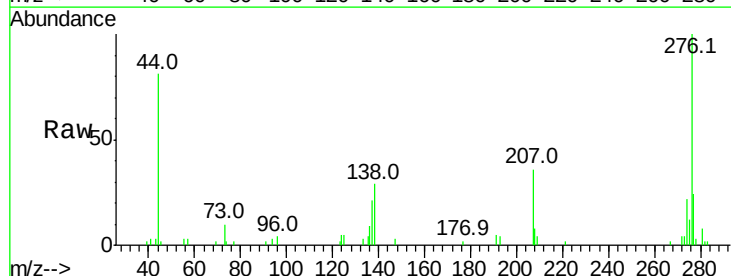
Tgt Ion:276 Resp: 41991

Ion Ratio Lower Upper

276 100

277 23.7 17.9 26.9

138 28.6 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

