

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\  
 Data File : BF094003.D  
 Acq On : 28 Mar 2017 20:08  
 Operator : SJ/MA  
 Sample : PB97860BS  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

Quant Time: Mar 29 02:38:00 2017  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Mar 27 16:10:49 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 5.93  | 152  | 171521   | 20.00 | ng    | -0.02    |
| 21) Naphthalene-d8        | 7.43  | 136  | 696868   | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 9.57  | 164  | 324640   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 11.40 | 188  | 558347   | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 14.65 | 240  | 376487   | 20.00 | ng    | -0.03    |
| 86) Perylene-d12          | 16.28 | 264  | 287141   | 20.00 | ng    | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|-----------------------------|-------|------|----------|-------|-------|----------|
| 5) 2-Fluorophenol           | 4.47  | 112  | 873439   | 86.01 | ng    | 0.00     |
| 7) Phenol-d6                | 5.54  | 99   | 1107635  | 88.17 | ng    | -0.01    |
| 23) Nitrobenzene-d5         | 6.59  | 82   | 993182   | 81.33 | ng    | -0.02    |
| 41) 2,4,6-Tribromophenol    | 10.55 | 330  | 248868   | 97.01 | ng    | -0.02    |
| 44) 2-Fluorobiphenyl        | 8.76  | 172  | 1843463  | 86.61 | ng    | -0.02    |
| 78) Terphenyl-d14           | 13.38 | 244  | 1477098  | 87.94 | ng    | -0.02    |

| Target Compounds               | R.T. | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.34 | 88   | 156948   | 32.17 | ng    | 97     |
| 3) Pyridine                    | 2.82 | 79   | 447712   | 33.67 | ng    | 98     |
| 4) n-Nitrosodimethylamine      | 2.79 | 42   | 223130   | 40.78 | ng    | 93     |
| 6) Aniline                     | 5.55 | 93   | 354849   | 20.31 | ng    | # 1    |
| 8) 2-Chlorophenol              | 5.69 | 128  | 501506   | 44.93 | ng    | 98     |
| 9) Benzaldehyde                | 5.42 | 77   | 98086    | 11.56 | ng    | 98     |
| 10) Phenol                     | 5.55 | 94   | 590319   | 41.29 | ng    | 95     |
| 11) bis(2-Chloroethyl)ether    | 5.63 | 93   | 467798   | 41.87 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 5.86 | 146  | 516388   | 41.24 | ng    | 99     |
| 13) 1,4-Dichlorobenzene        | 5.95 | 146  | 520763   | 41.07 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 6.13 | 146  | 487463   | 41.74 | ng    | 95     |
| 15) Benzyl Alcohol             | 6.10 | 79   | 397232   | 43.20 | ng    | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 6.26 | 45   | 644271   | 37.42 | ng    | 97     |
| 17) 2-Methylphenol             | 6.24 | 107  | 416227   | 43.54 | ng    | 98     |
| 18) Hexachloroethane           | 6.52 | 117  | 184492   | 41.39 | ng    | 88     |
| 19) n-Nitroso-di-n-propylamine | 6.42 | 70   | 337747   | 41.83 | ng    | 97     |
| 20) 3+4-Methylphenols          | 6.42 | 107  | 521706   | 45.06 | ng    | # 64   |
| 22) Acetophenone               | 6.40 | 105  | 685469   | 44.13 | ng    | # 88   |
| 24) Nitrobenzene               | 6.60 | 77   | 505447   | 41.97 | ng    | 95     |
| 25) Isophorone                 | 6.89 | 82   | 923229   | 43.03 | ng    | 95     |
| 26) 2-Nitrophenol              | 6.98 | 139  | 281869   | 49.08 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 7.05 | 122  | 459475   | 46.43 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 7.15 | 93   | 597061   | 42.20 | ng    | 99     |
| 29) 2,4-Dichlorophenol         | 7.27 | 162  | 436648   | 47.19 | ng    | 99     |
| 30) 1,2,4-Trichlorobenzene     | 7.37 | 180  | 412868   | 43.32 | ng    | 98     |
| 31) Naphthalene                | 7.46 | 128  | 1394501  | 41.62 | ng    | 100    |
| 32) Benzoic acid               | 7.22 | 122  | 332367   | 50.45 | ng    | 96     |
| 33) 4-Chloroaniline            | 7.52 | 127  | 148386   | 10.93 | ng    | # 93   |
| 34) Hexachlorobutadiene        | 7.62 | 225  | 212343   | 43.45 | ng    | 98     |
| 35) Caprolactam                | 7.98 | 113  | 88813    | 30.10 | ng    | 92     |
| 36) 4-Chloro-3-methylphenol    | 8.15 | 107  | 465164   | 48.11 | ng    | 89     |
| 37) 2-Methylnaphthalene        | 8.30 | 142  | 989418   | 44.30 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.51 | 216  | 356961   | 40.19 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 8.50 | 237  | 380344   | 91.52 | ng    | 97     |

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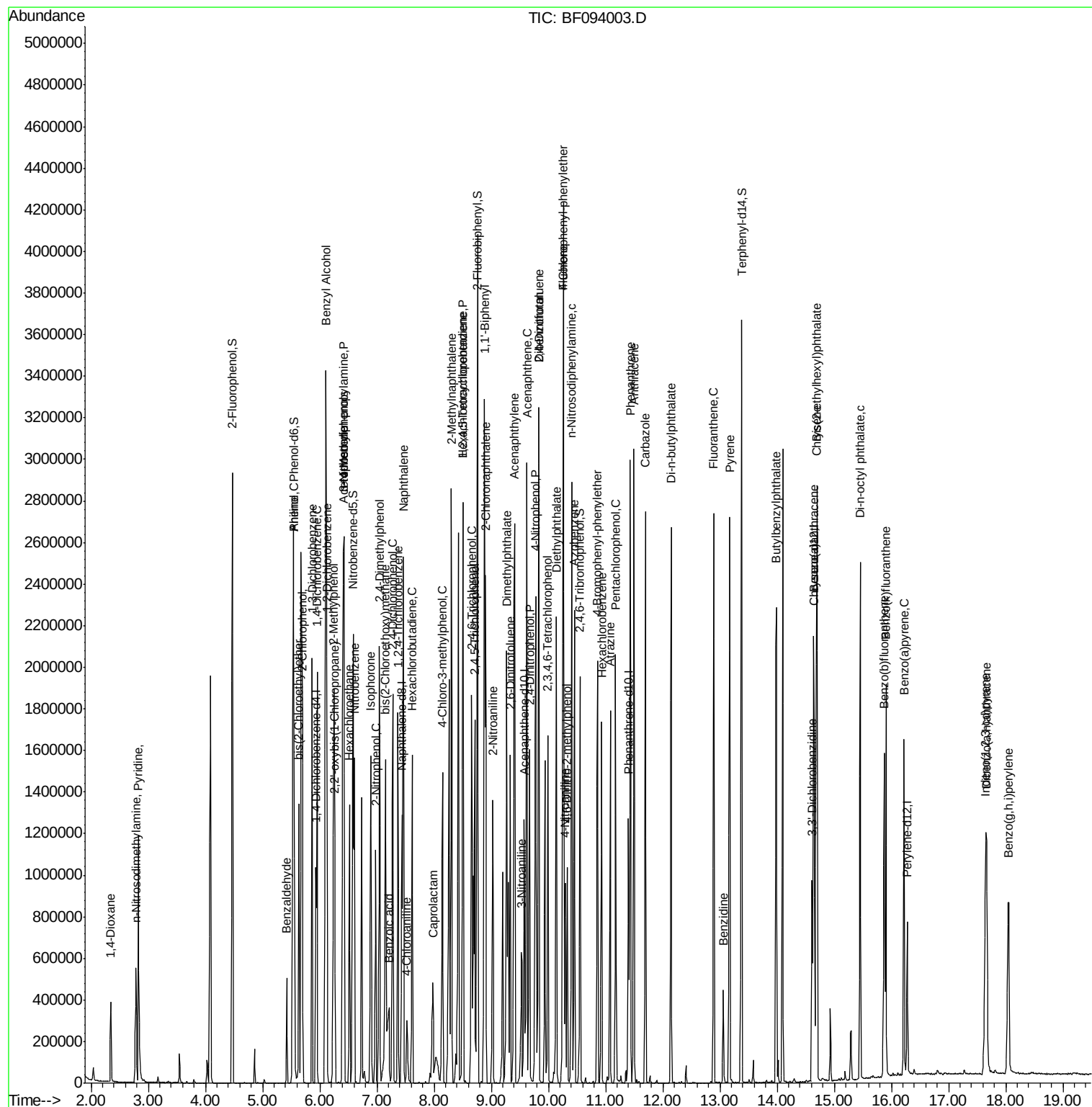
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 8.66  | 196  | 298618   | 47.53 | nq    | 98       |
| 43) 2,4,5-Trichlorophenol      | 8.71  | 196  | 304291   | 44.76 | nq    | 95       |
| 45) 1,1'-Biphenyl              | 8.88  | 154  | 1113158  | 42.51 | nq    | 98       |
| 46) 2-Chloronaphthalene        | 8.90  | 162  | 880399   | 42.95 | nq    | 94       |
| 47) 2-Nitroaniline             | 9.03  | 65   | 268980   | 44.24 | nq    | # 85     |
| 48) Acenaphthylene             | 9.41  | 152  | 1397289  | 41.02 | nq    | 100      |
| 49) Dimethylphthalate          | 9.27  | 163  | 1078471  | 46.73 | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 9.33  | 165  | 241932   | 45.73 | nq    | 91       |
| 51) Acenaphthene               | 9.62  | 154  | 829019   | 41.71 | nq    | 100      |
| 52) 3-Nitroaniline             | 9.53  | 138  | 124511   | 20.04 | nq    | 86       |
| 53) 2,4-Dinitrophenol          | 9.67  | 184  | 256080   | 89.85 | nq    | # 72     |
| 54) Dibenzofuran               | 9.83  | 168  | 1210787  | 44.75 | nq    | 99       |
| 55) 4-Nitrophenol              | 9.77  | 139  | 390568   | 80.29 | nq    | # 67     |
| 56) 2,4-Dinitrotoluene         | 9.83  | 165  | 293206   | 44.12 | nq    | # 69     |
| 57) Fluorene                   | 10.25 | 166  | 905506   | 40.35 | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 9.99  | 232  | 230329   | 49.37 | nq    | 98       |
| 59) Diethylphthalate           | 10.14 | 149  | 1039960  | 45.60 | nq    | 98       |
| 60) 4-Chlorophenyl-phenylether | 10.26 | 204  | 390780   | 40.88 | nq    | 95       |
| 61) 4-Nitroaniline             | 10.29 | 138  | 252204   | 42.31 | nq    | 92       |
| 62) Azobenzene                 | 10.46 | 77   | 1003969  | 46.53 | nq    | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 10.33 | 198  | 165360   | 48.36 | nq    | # 63     |
| 65) n-Nitrosodiphenylamine     | 10.41 | 169  | 857492   | 44.41 | nq    | 97       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 255938   | 46.61 | nq    | 99       |
| 67) Hexachlorobenzene          | 10.93 | 284  | 255198   | 45.91 | nq    | # 85     |
| 68) Atrazine                   | 11.08 | 200  | 239118   | 41.35 | nq    | 97       |
| 69) Pentachlorophenol          | 11.18 | 266  | 273562   | 79.06 | nq    | 98       |
| 70) Phenanthrene               | 11.43 | 178  | 1334570  | 42.97 | nq    | 99       |
| 71) Anthracene                 | 11.50 | 178  | 1386520  | 43.36 | nq    | 99       |
| 72) Carbazole                  | 11.70 | 167  | 1259996  | 38.42 | nq    | 98       |
| 73) Di-n-butylphthalate        | 12.14 | 149  | 1600964  | 46.94 | nq    | 100      |
| 74) Fluoranthene               | 12.89 | 202  | 1324673  | 41.65 | nq    | 98       |
| 76) Benzidine                  | 13.06 | 184  | 171503   | 11.51 | nq    | # 92     |
| 77) Pyrene                     | 13.17 | 202  | 1317363  | 48.21 | nq    | 100      |
| 79) Butylbenzylphthalate       | 13.99 | 149  | 640609   | 55.03 | nq    | 88       |
| 80) Benzo(a)anthracene         | 14.64 | 228  | 992524   | 45.21 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 14.61 | 252  | 198092   | 25.24 | nq    | # 97     |
| 82) Chrysene                   | 14.69 | 228  | 855511   | 41.99 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 14.70 | 149  | 871790   | 54.89 | nq    | # 100    |
| 84) Di-n-octyl phthalate       | 15.45 | 149  | 1418230  | 53.45 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 17.64 | 276  | 776372   | 44.00 | nq    | 100      |
| 87) Benzo(b)fluoranthene       | 15.87 | 252  | 796344   | 45.25 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 15.90 | 252  | 761719   | 44.23 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 16.22 | 252  | 746061   | 46.03 | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 17.67 | 278  | 648109   | 47.22 | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 18.05 | 276  | 622511   | 45.00 | nq    | 97       |

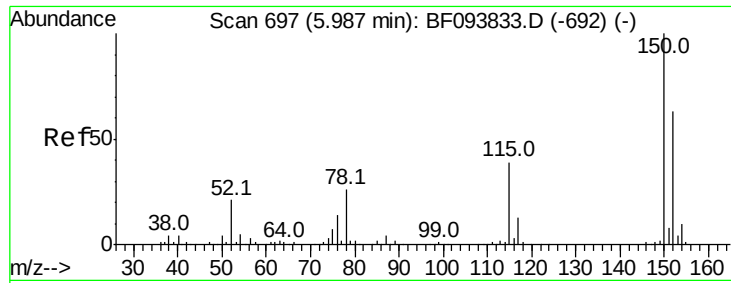
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

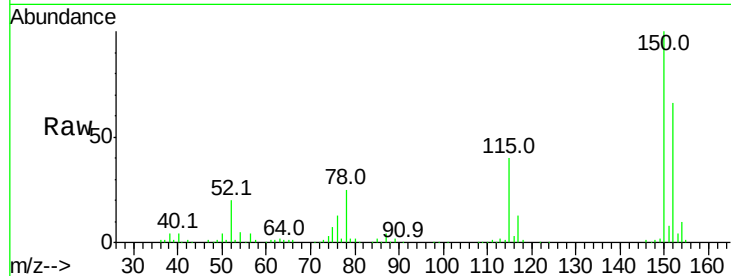
Tot Ion:152 Resp: 171521

Ion Ratio Lower Upper

152 100

150 152.1 126.2 189.2

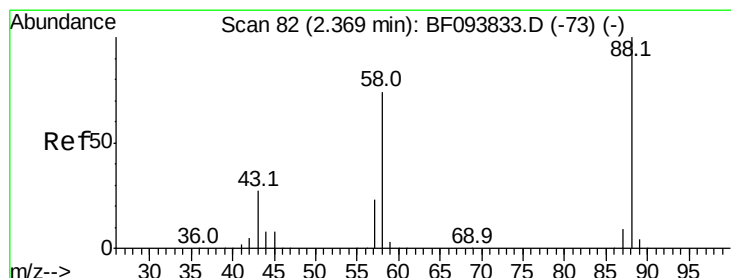
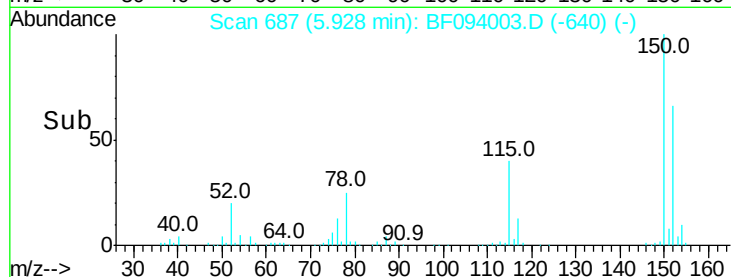
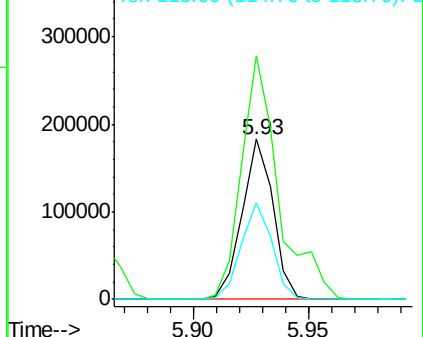
115 60.1 52.2 78.2



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



#2

1,4-Dioxane

Concen: 32.17 ng

RT: 2.34 min Scan# 77

Delta R.T. 0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

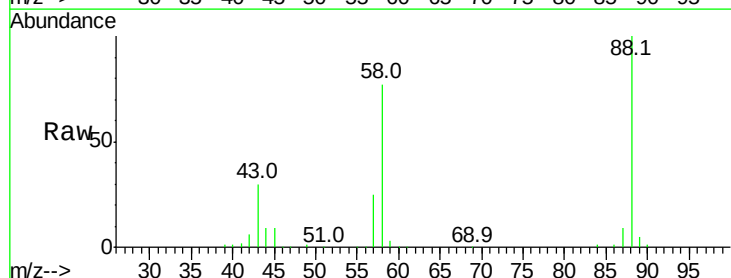
Tgt Ion: 88 Resp: 156948

Ion Ratio Lower Upper

88 100

58 73.8 61.4 92.0

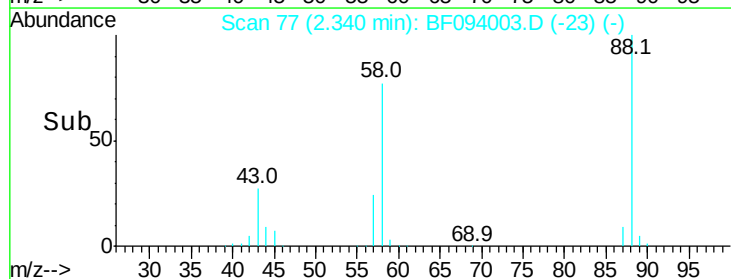
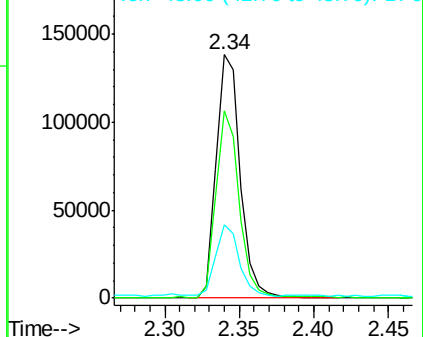
43 29.5 23.4 35.0

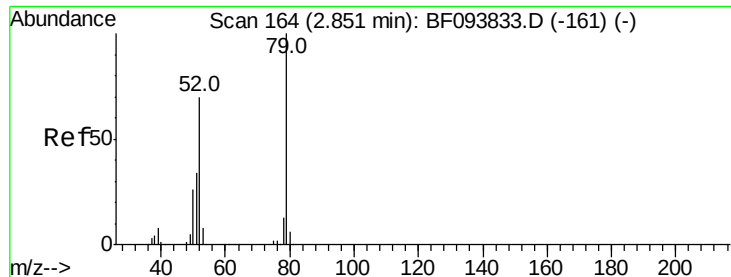


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

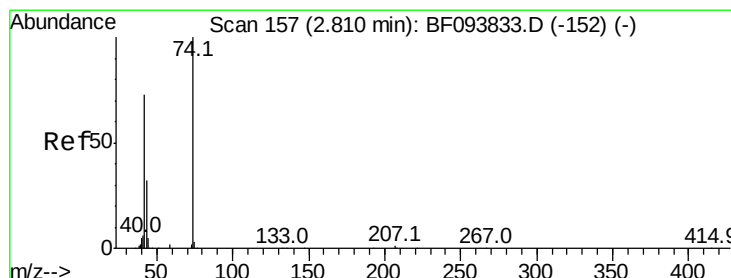
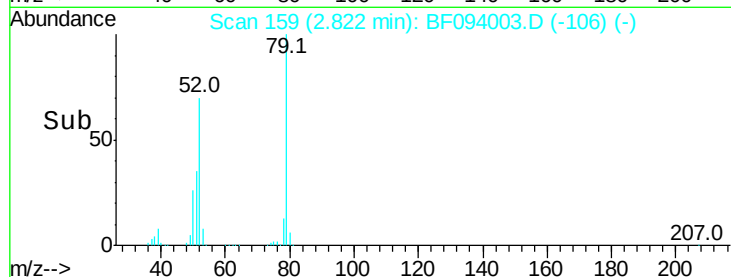
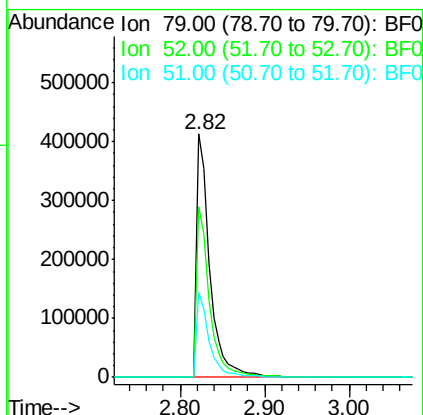
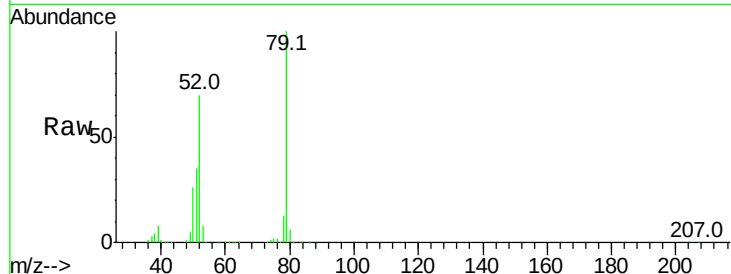




#3  
 Pvridine  
 Concen: 33.67 ng  
 RT: 2.82 min Scan# 159  
 Delta R.T. 0.01 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

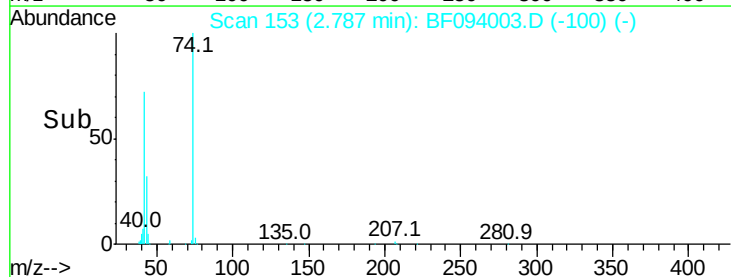
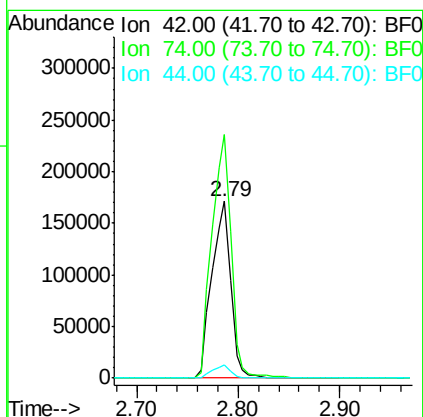
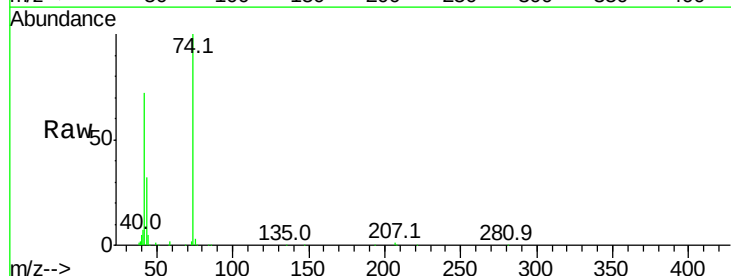
Instrument :  
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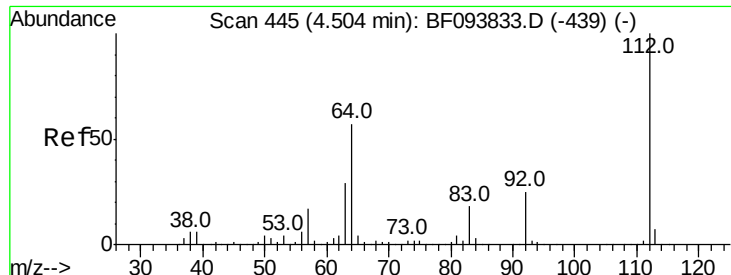
Tot Ion: 79 Resp: 447712  
 Ion Ratio Lower Upper  
 79 100  
 52 70.1 54.8 82.2  
 51 34.6 27.0 40.4



#4  
 n-Nitrosodimethylamine  
 Concen: 40.78 ng  
 RT: 2.79 min Scan# 153  
 Delta R.T. 0.01 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion: 42 Resp: 223130  
 Ion Ratio Lower Upper  
 42 100  
 74 137.9 103.9 155.9  
 44 7.5 5.7 8.5





#5

2-Fluorophenol

Concen: 86.01 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleID :

PB97860BS

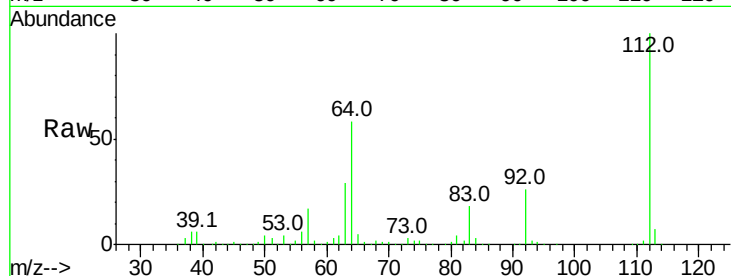
Tot Ion:112 Resp: 873439

Ion Ratio Lower Upper

112 100

64 58.0 46.0 69.0

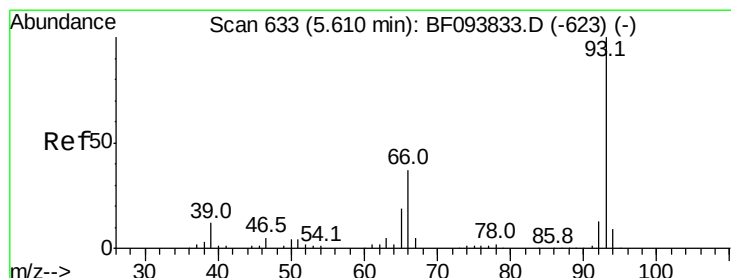
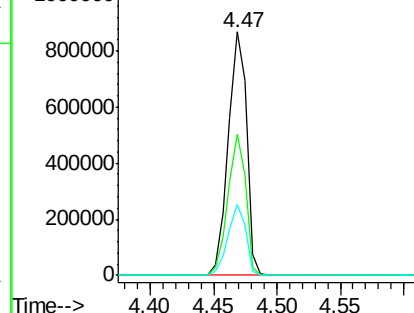
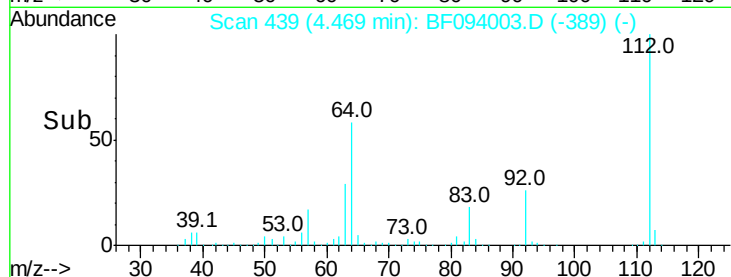
63 29.0 23.4 35.0



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: 20.31 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.02 min

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Acq: 28 Mar 2017 20:08

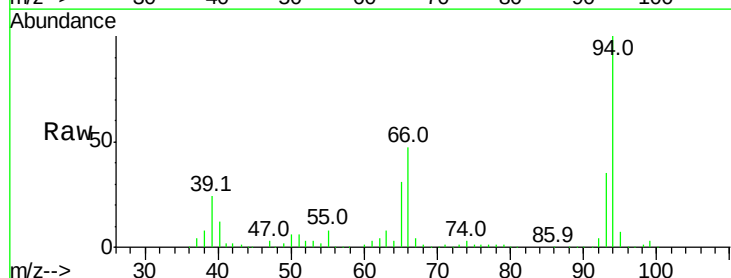
Tgt Ion: 93 Resp: 354849

Ion Ratio Lower Upper

93 100

66 135.7 32.9 49.3#

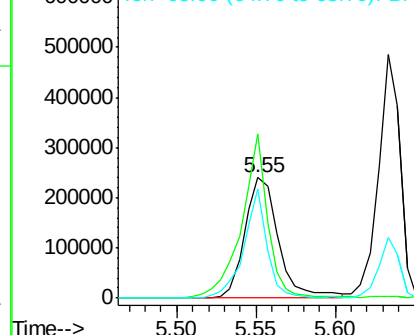
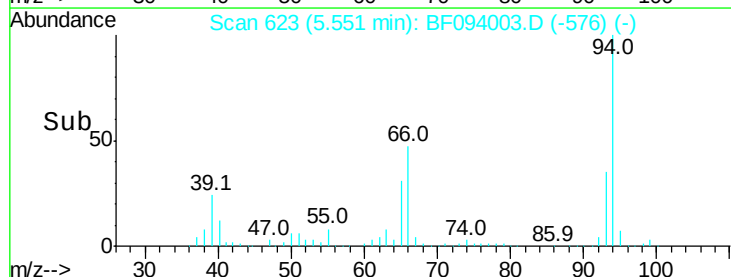
65 90.3 16.0 24.0#

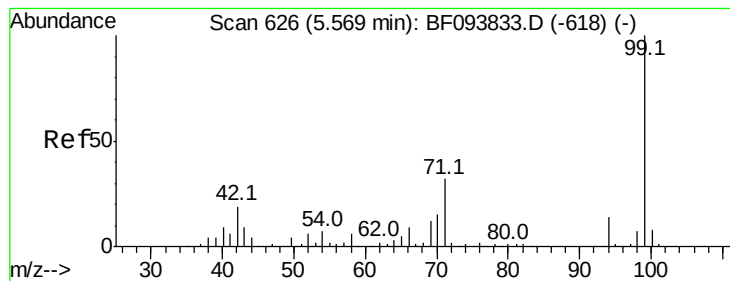


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 88.17 ng

RT: 5.54 min Scan# 621

Delta R.T. -0.01 min

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PB97860BS

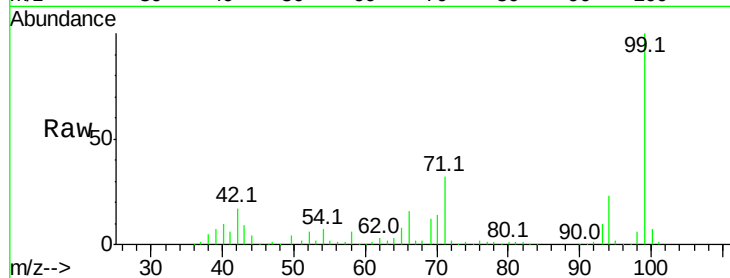
Tot Ion: 99 Resp: 1107635

Ion Ratio Lower Upper

99 100

42 17.2 13.5 20.3

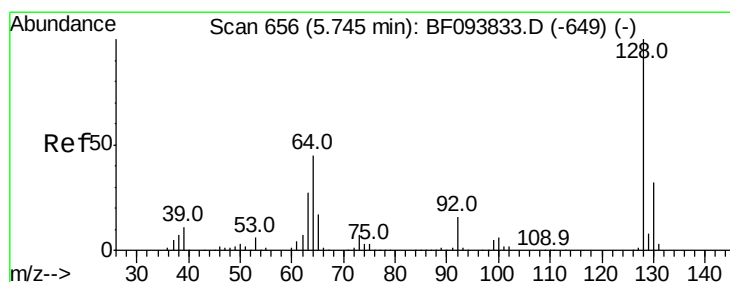
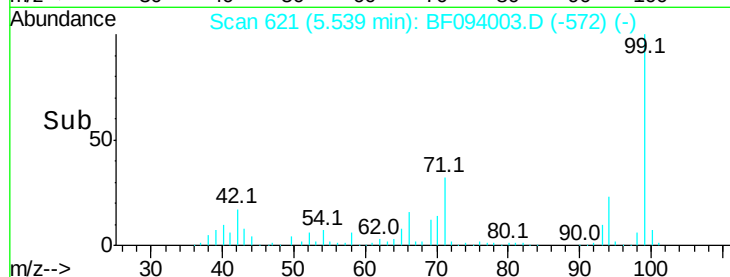
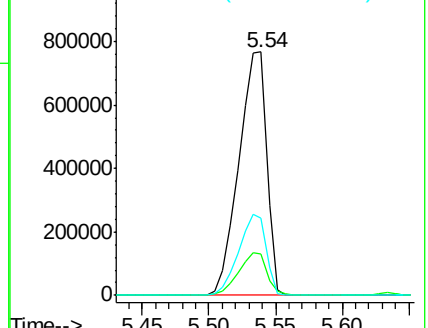
71 31.9 24.5 36.7



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: 44.93 ng

RT: 5.69 min Scan# 647

Delta R.T. -0.02 min

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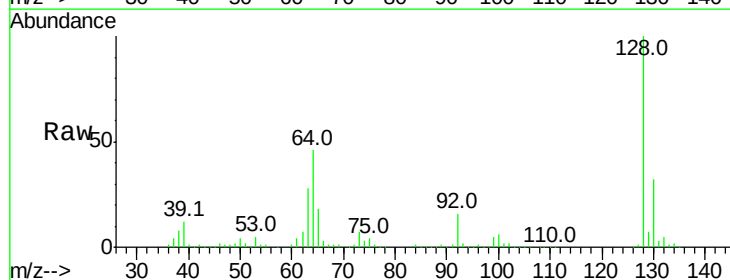
Tgt Ion: 128 Resp: 501506

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

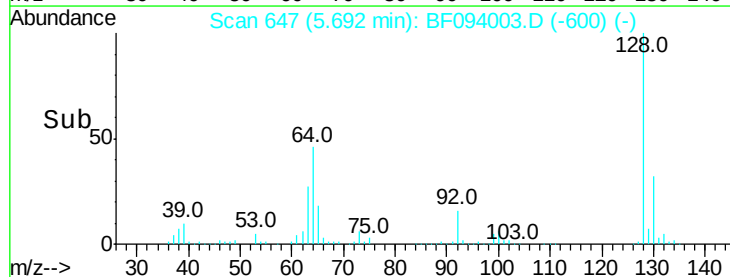
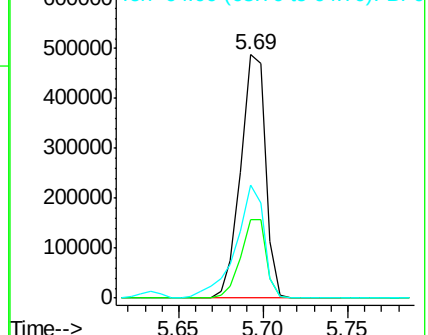
64 46.4 28.4 68.4



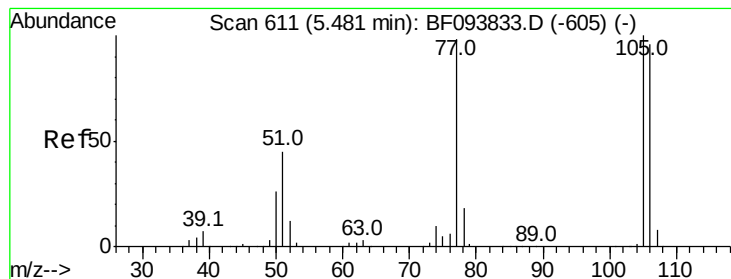
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0







#9

Benzaldehyde

Concen: 11.56 ng

RT: 5.42 min Scan# 601

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleID :

PB97860BS

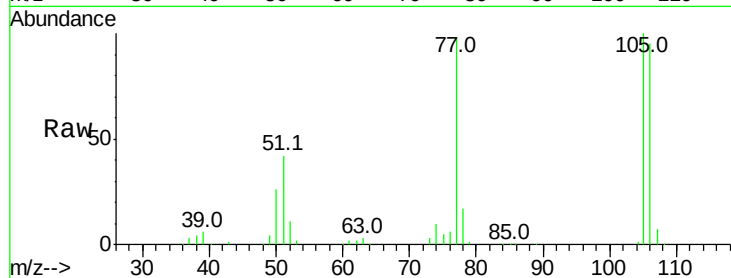
Tot Ion: 77 Resp: 98086

Ion Ratio Lower Upper

77 100

105 102.2 83.8 123.8

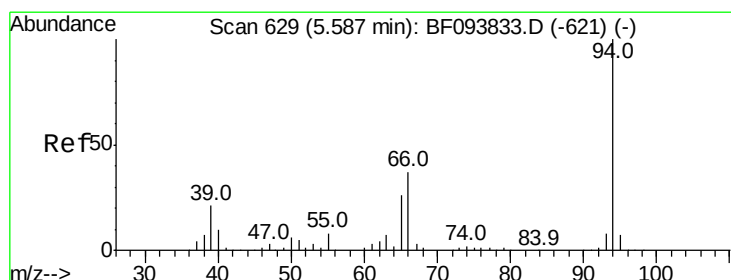
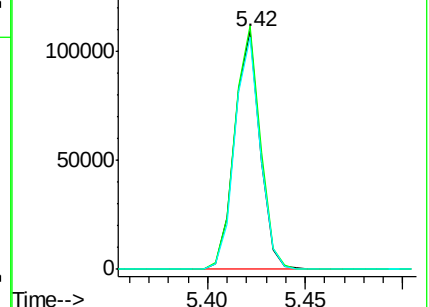
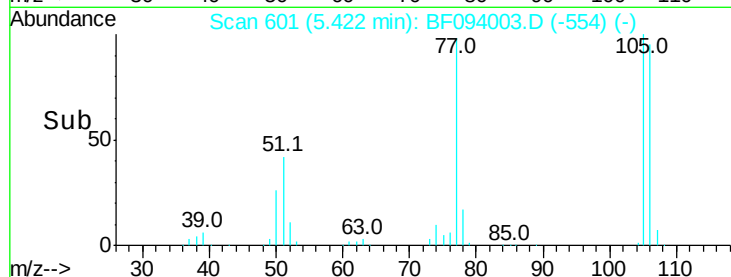
106 97.4 79.1 119.1



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: 41.29 ng

RT: 5.55 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

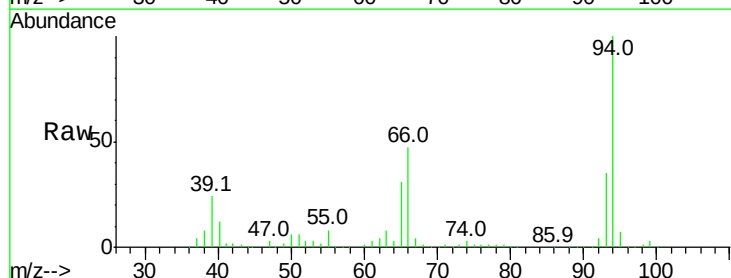
Tgt Ion: 94 Resp: 590319

Ion Ratio Lower Upper

94 100

65 31.4 9.9 49.9

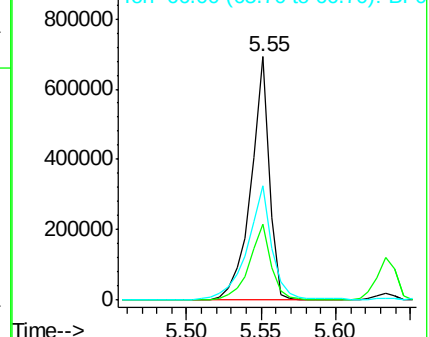
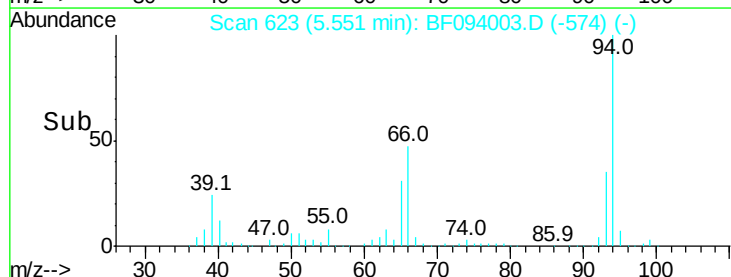
66 47.1 23.1 63.1



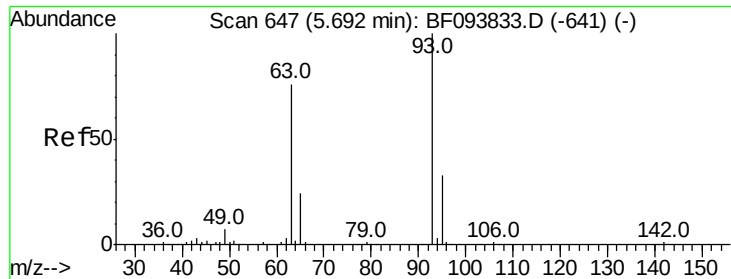
Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



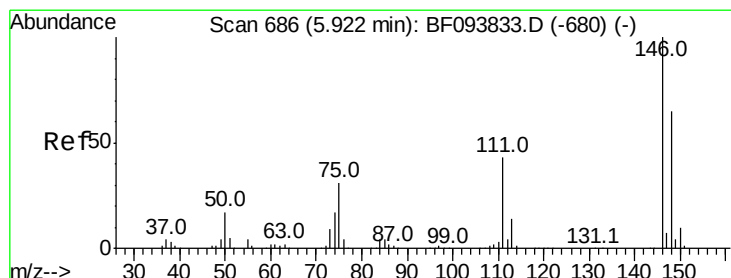
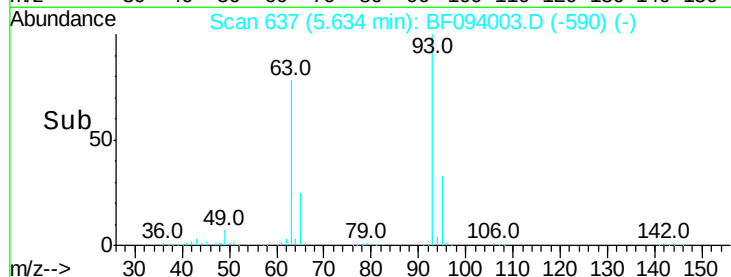
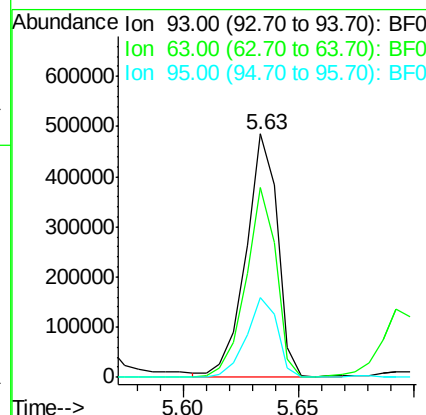
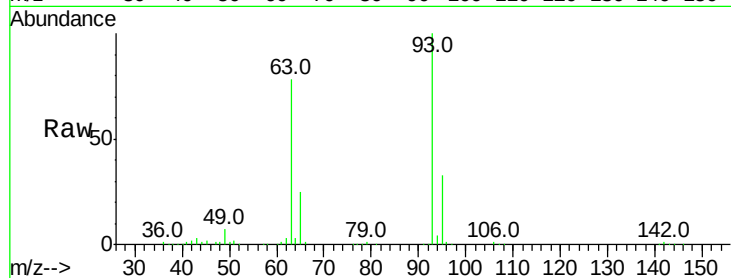




#11  
bis(2-Chloroethyl)ether  
Concen: 41.87 ng  
RT: 5.63 min Scan# 637  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

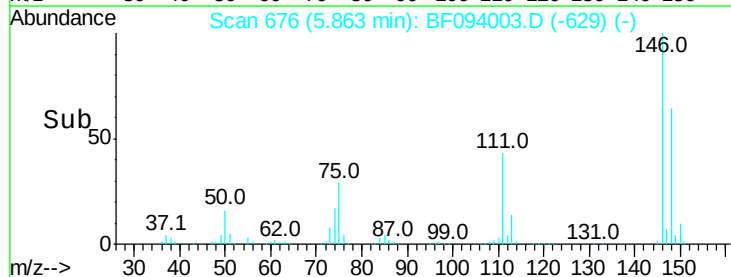
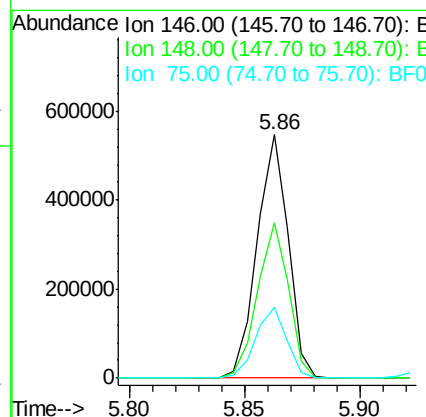
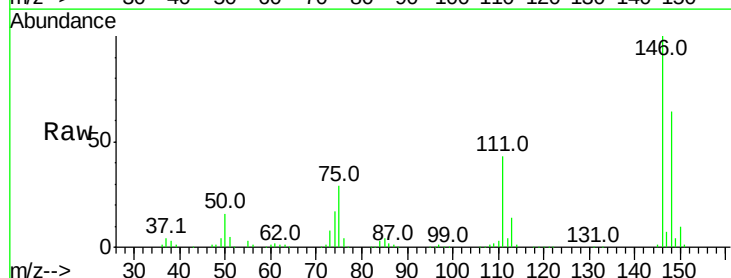
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

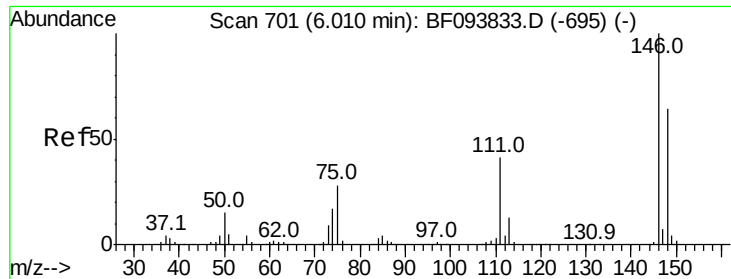
Tot Ion: 93 Resp: 467798  
Ion Ratio Lower Upper  
93 100  
63 78.0 59.2 99.2  
95 32.7 12.8 52.8



#12  
1,3-Dichlorobenzene  
Concen: 41.24 ng  
RT: 5.86 min Scan# 676  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion: 146 Resp: 516388  
Ion Ratio Lower Upper  
146 100  
148 63.9 51.8 77.6  
75 29.0 23.1 34.7

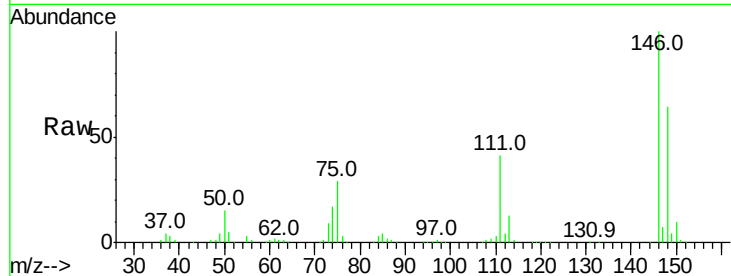




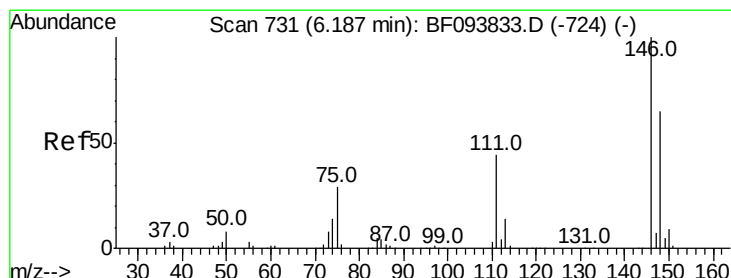
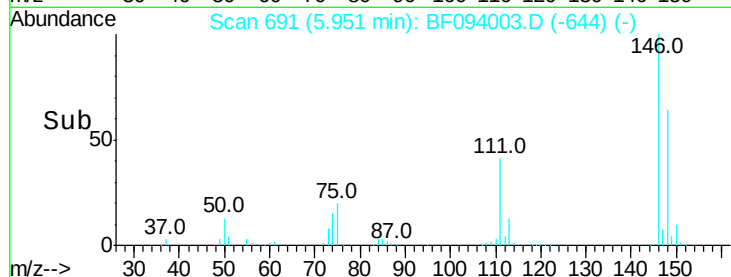
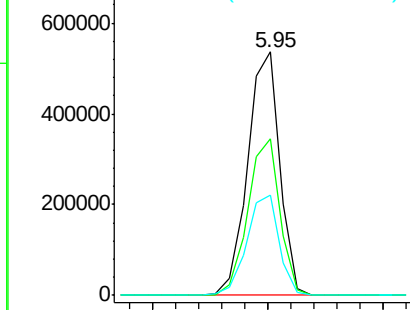
#13  
 1,4-Dichlorobenzene  
 Concen: 41.07 ng  
 RT: 5.95 min Scan# 691  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

Tot Ion:146 Resp: 520763  
 Ion Ratio Lower Upper  
 146 100  
 148 64.3 52.2 78.2  
 111 41.2 30.3 45.5

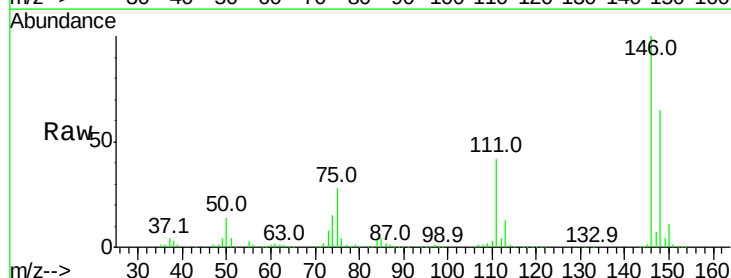


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

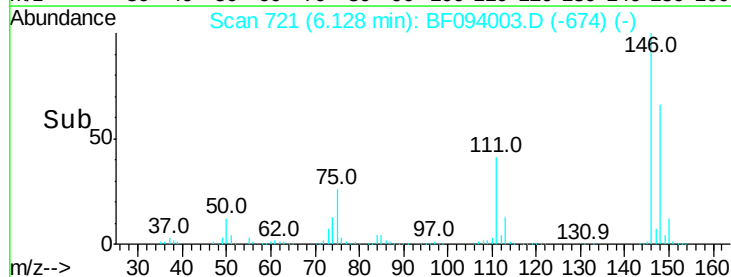
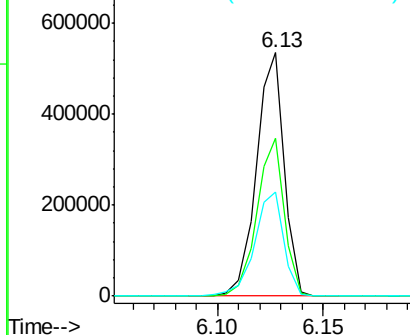


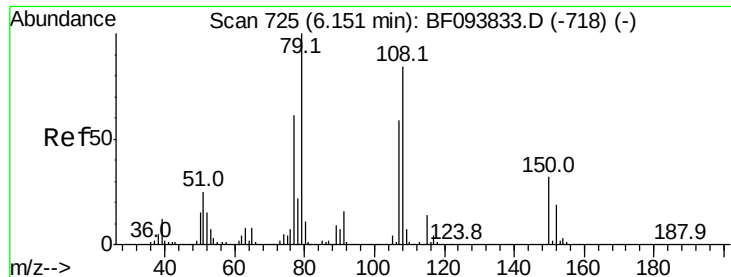
#14  
 1,2-Dichlorobenzene  
 Concen: 41.74 ng  
 RT: 6.13 min Scan# 721  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:146 Resp: 487463  
 Ion Ratio Lower Upper  
 146 100  
 148 65.1 50.4 75.6  
 111 42.5 38.2 57.4



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: 43.20 ng

RT: 6.10 min Scan# 716

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

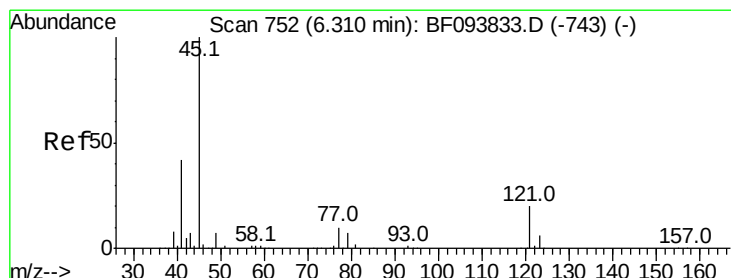
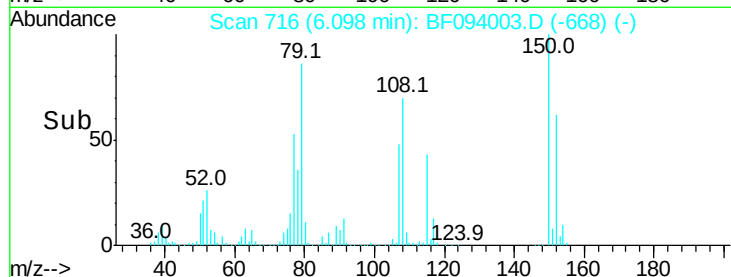
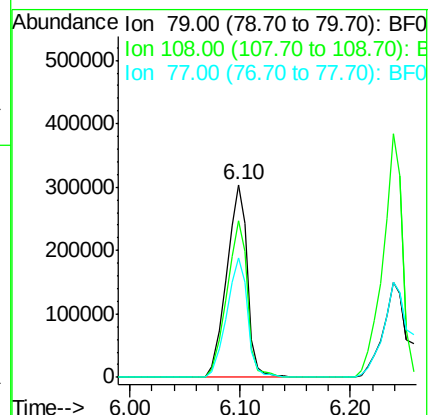
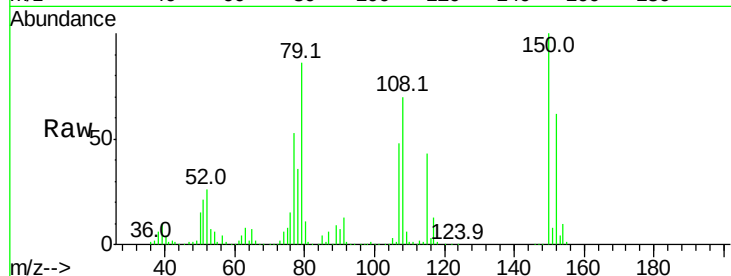
Tot Ion: 79 Resp: 397232

Ion Ratio Lower Upper

79 100

108 80.9 63.4 95.0

77 61.9 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.42 ng

RT: 6.26 min Scan# 744

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

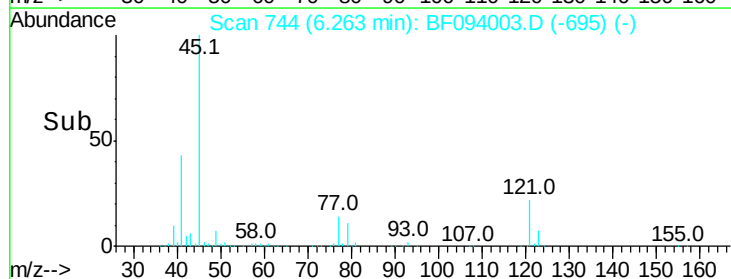
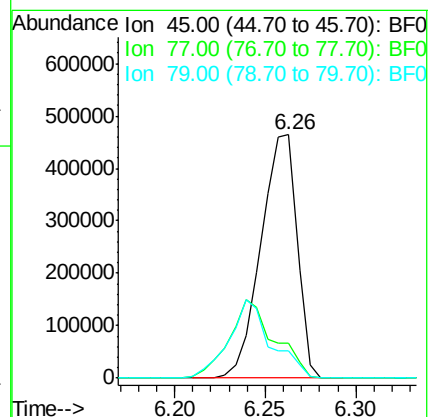
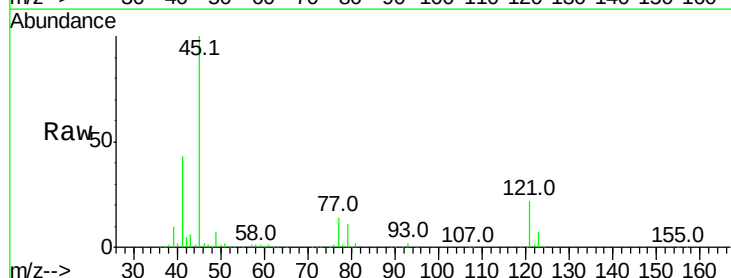
Tgt Ion: 45 Resp: 644271

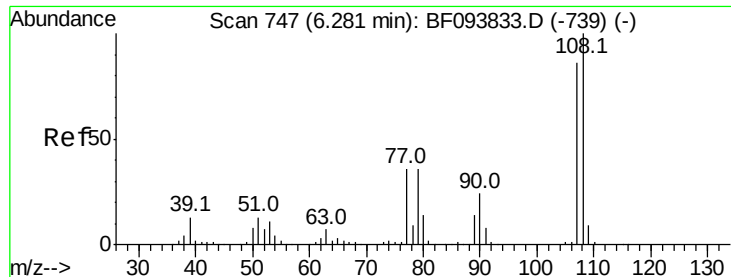
Ion Ratio Lower Upper

45 100

77 14.3 0.0 33.2

79 11.2 0.0 30.0

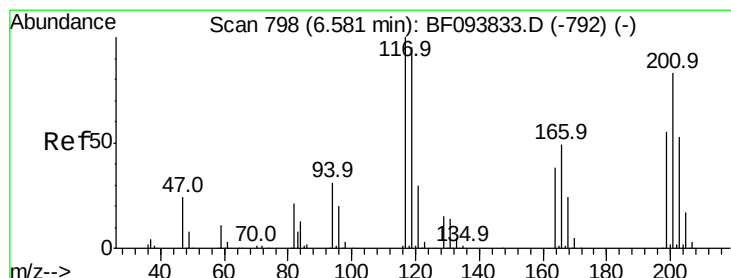
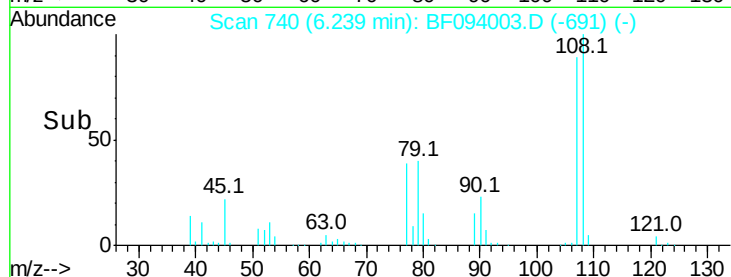
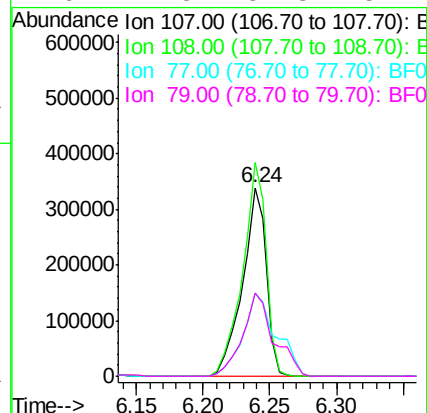
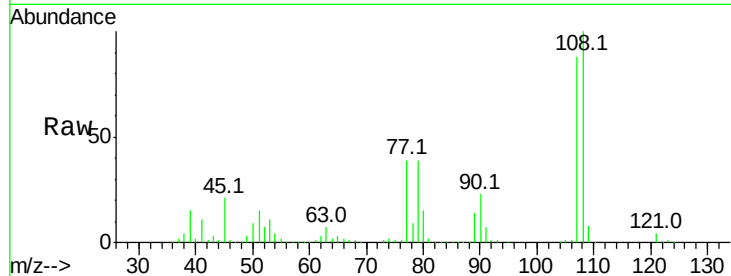




#17  
2-Methylphenol  
Concen: 43.54 ng  
RT: 6.24 min Scan# 740  
Delta R.T. -0.01 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

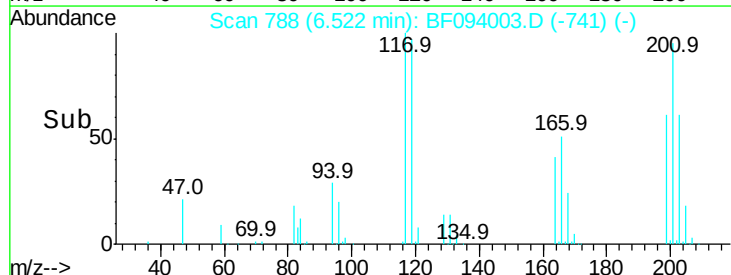
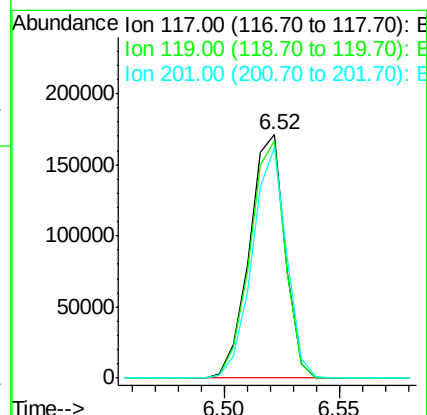
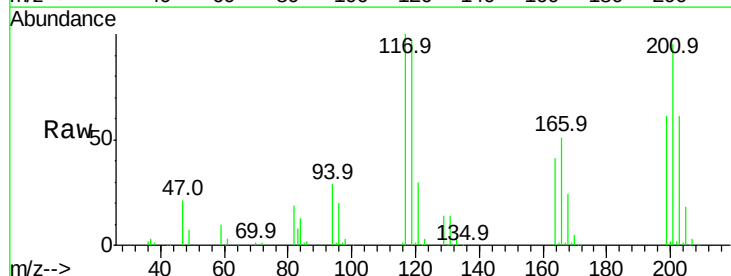
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

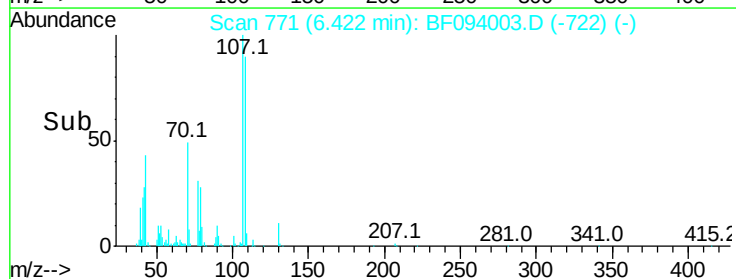
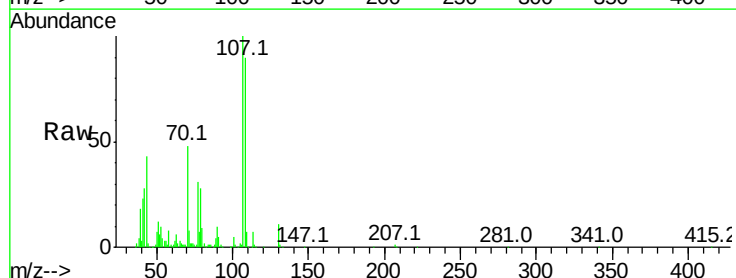
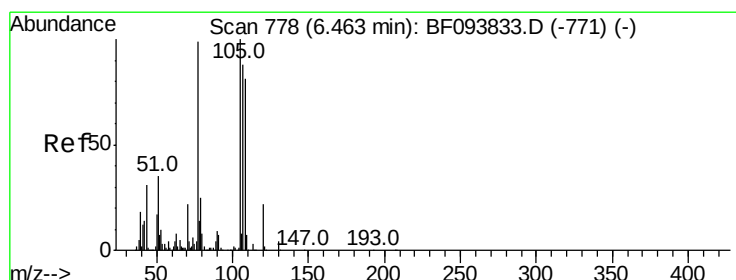
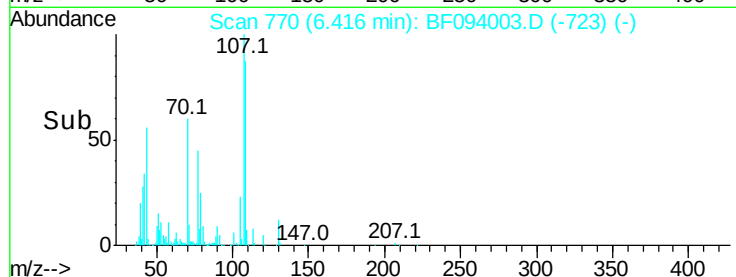
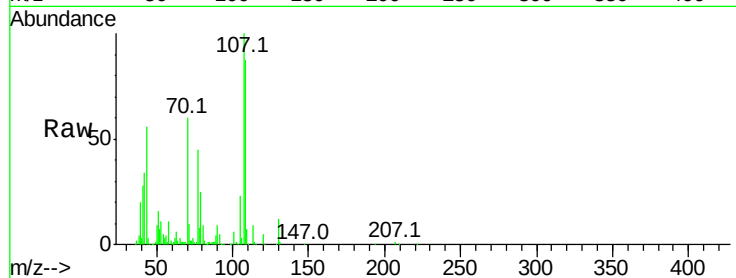
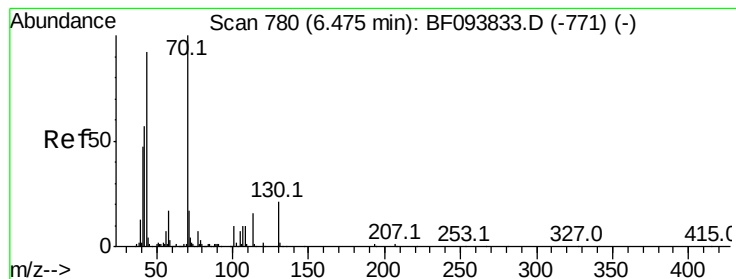
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 113.3 | 93.4  | 140.0 |
| 77      | 44.3  | 35.8  | 53.6  |
| 79      | 44.3  | 34.8  | 52.2  |



#18  
Hexachloroethane  
Concen: 41.39 ng  
RT: 6.52 min Scan# 788  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.3  | 77.4  | 116.0 |
| 201     | 94.9  | 94.6  | 141.8 |





#19

n-Nitroso-di-n-propylamine

Concen: 41.83 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

Tot Ion: 70 Resp: 337747

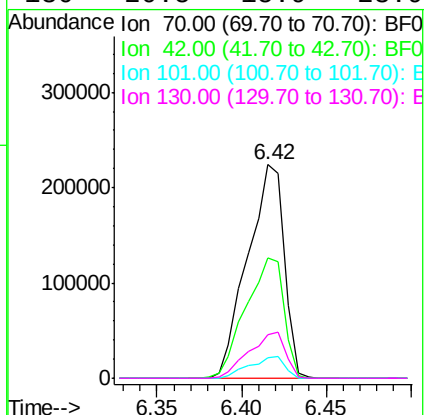
Ion Ratio Lower Upper

70 100

42 56.5 47.2 70.8

101 9.7 7.2 10.8

130 20.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 45.06 ng

RT: 6.42 min Scan# 771

Delta R.T. -0.01 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion: 107 Resp: 521706

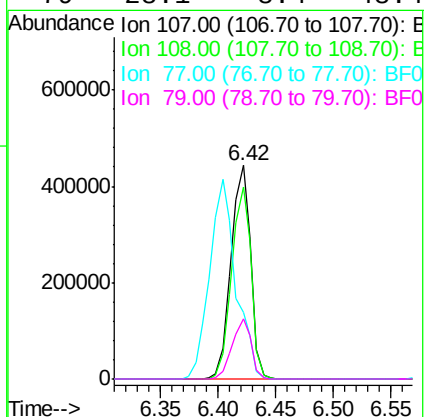
Ion Ratio Lower Upper

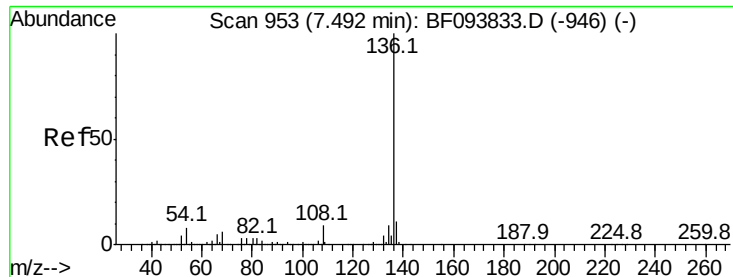
107 100

108 90.1 71.0 111.0

77 31.1 90.5 130.5#

79 28.1 8.4 48.4

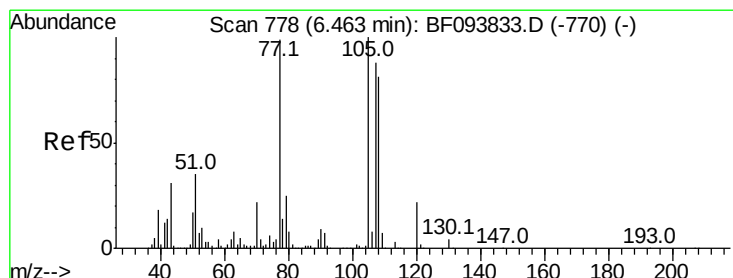
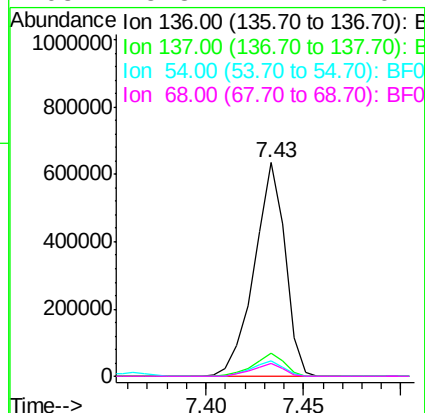
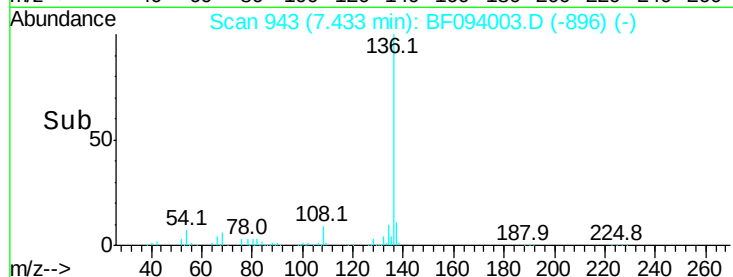
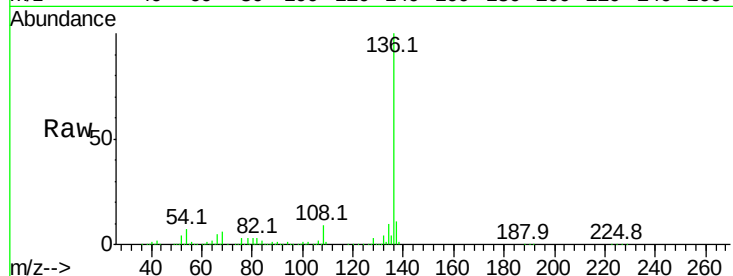




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 7.43 min Scan# 943  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

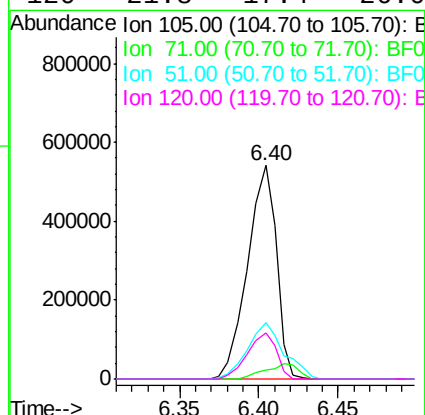
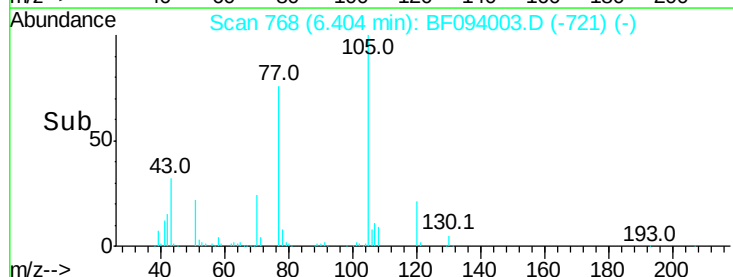
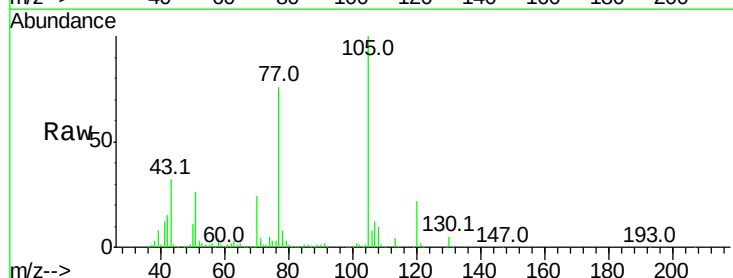
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

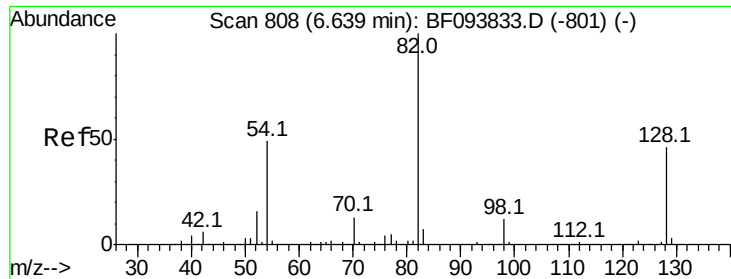
|             |       |        |  |
|-------------|-------|--------|--|
| Tot Ion:136 | Resp: | 696868 |  |
| Ion Ratio   | Lower | Upper  |  |
| 136 100     |       |        |  |
| 137 10.8    | 8.5   | 12.7   |  |
| 54 7.0      | 4.9   | 7.3    |  |
| 68 5.8      | 4.1   | 6.1    |  |



#22  
Acetophenone  
Concen: 44.13 ng  
RT: 6.40 min Scan# 768  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 685469 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 4.2     | 2.8   | 4.2#   |
| 51  | 26.2    | 30.7  | 46.1#  |
| 120 | 21.8    | 17.4  | 26.0   |

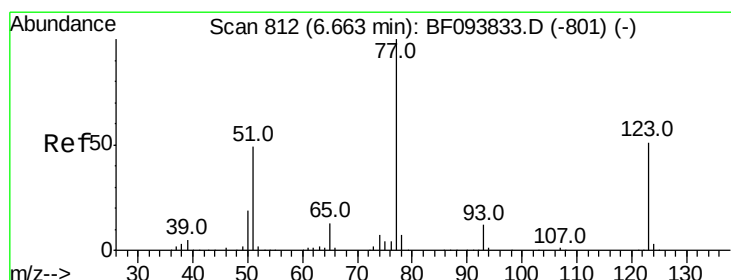
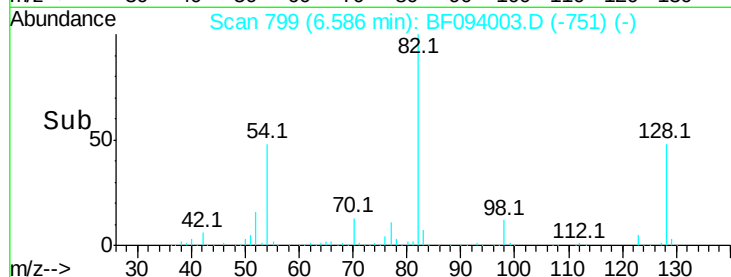
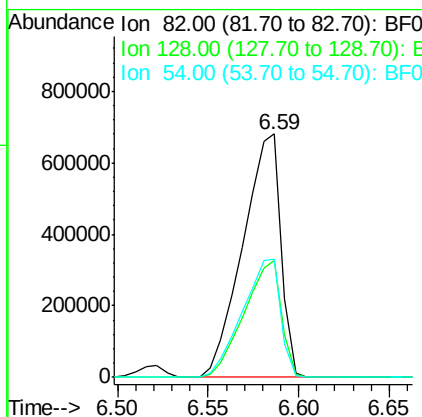
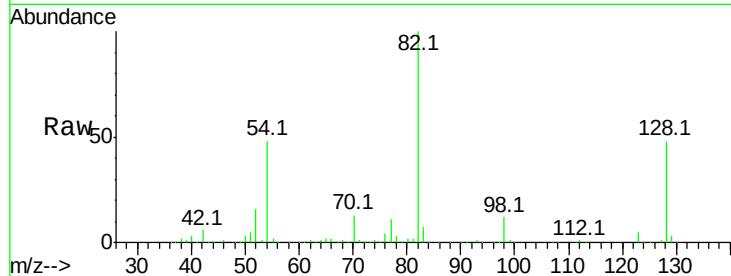




#23  
 Nitrobenzene-d5  
 Concen: 81.33 ng  
 RT: 6.59 min Scan# 799  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

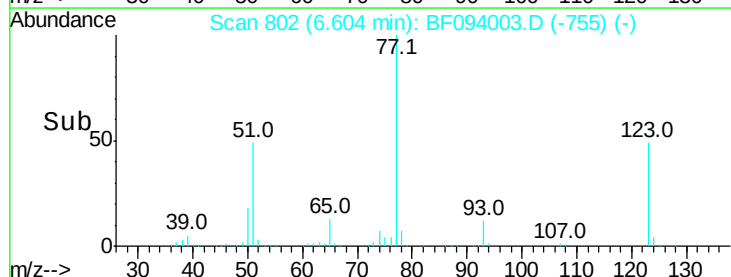
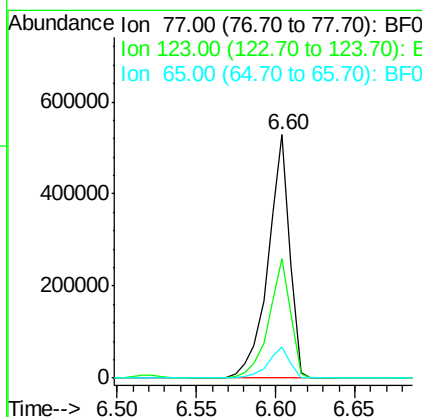
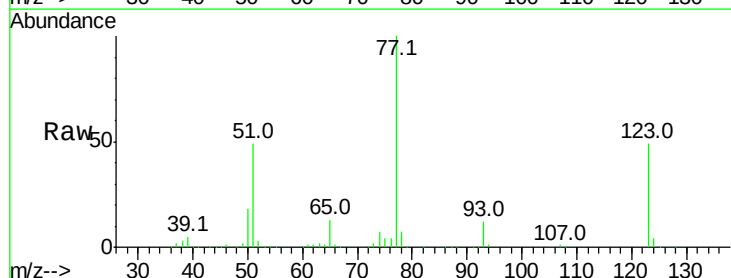
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB97860BS

Tot Ion: 82 Resp: 993182  
 Ion Ratio Lower Upper  
 82 100  
 128 48.0 34.0 51.0  
 54 48.4 42.2 63.2

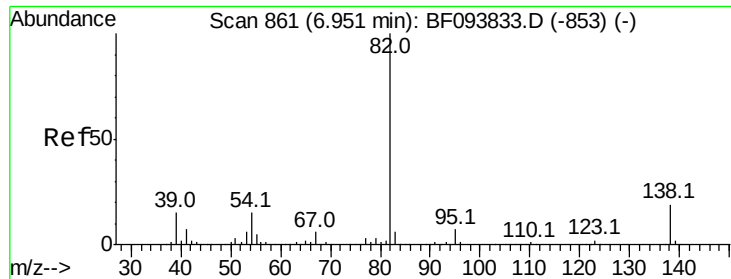


#24  
 Nitrobenzene  
 Concen: 41.97 ng  
 RT: 6.60 min Scan# 802  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion: 77 Resp: 505447  
 Ion Ratio Lower Upper  
 77 100  
 123 49.2 35.8 53.8  
 65 13.0 10.6 15.8







#25

Isophorone

Concen: 43.03 ng

RT: 6.89 min Scan# 851

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

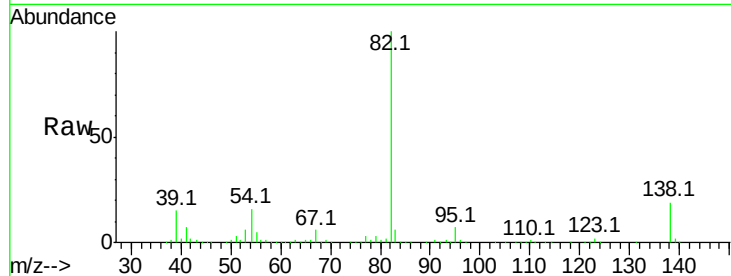
Tot Ion: 82 Resp: 923229

Ion Ratio Lower Upper

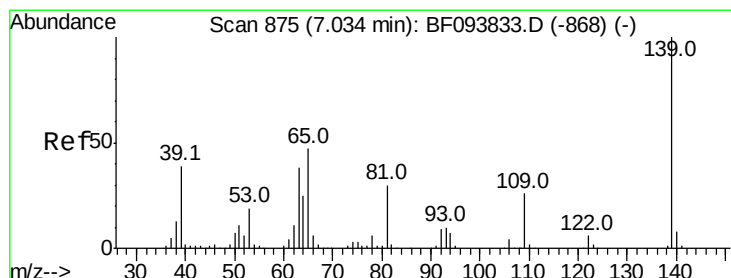
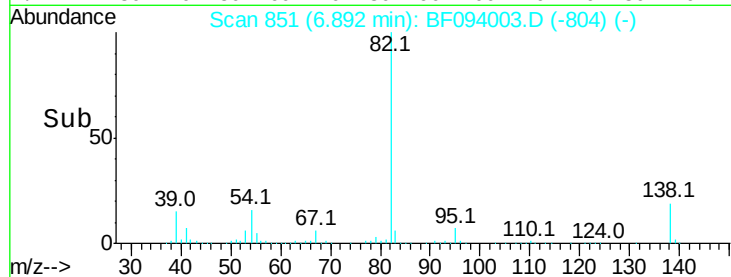
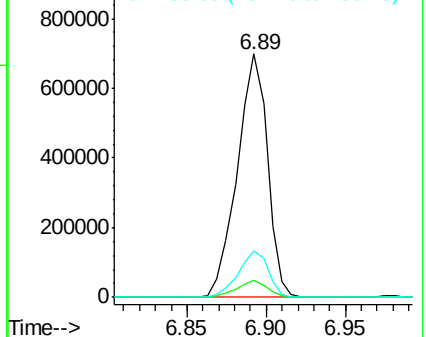
82 100

95 6.8 5.3 7.9

138 19.2 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0  
Ion 95.00 (94.70 to 95.70): BF0  
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 49.08 ng

RT: 6.98 min Scan# 866

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

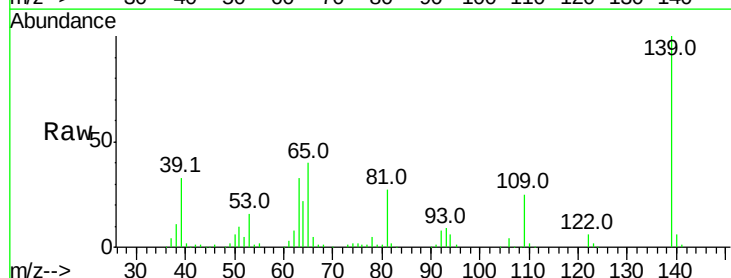
Tgt Ion: 139 Resp: 281869

Ion Ratio Lower Upper

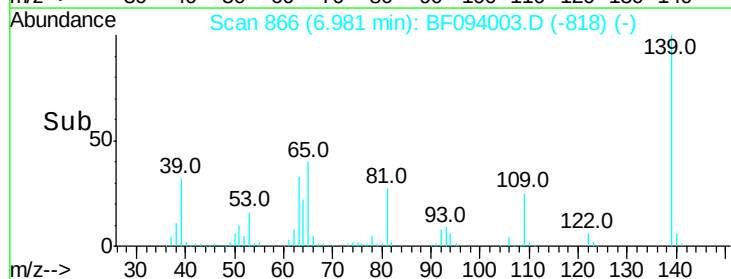
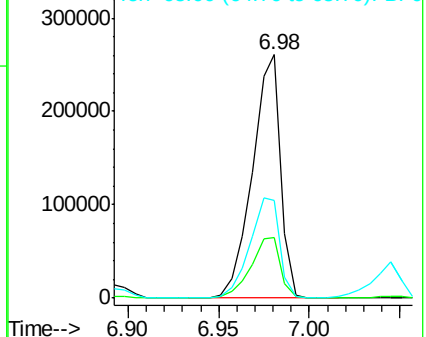
139 100

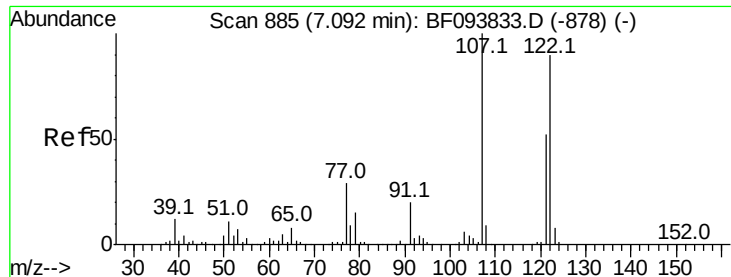
109 24.8 21.0 31.6

65 40.3 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BF0

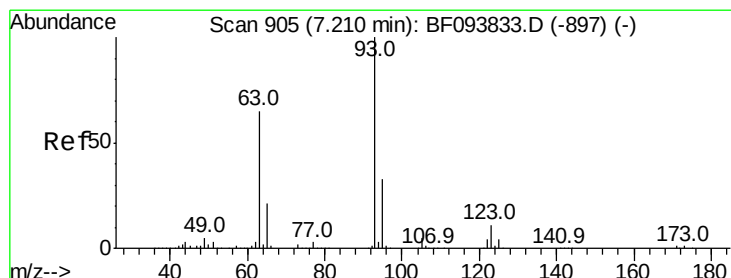
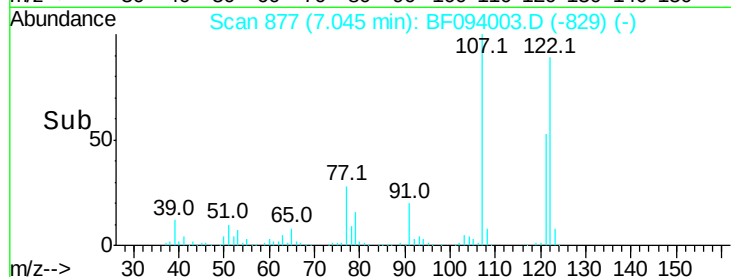
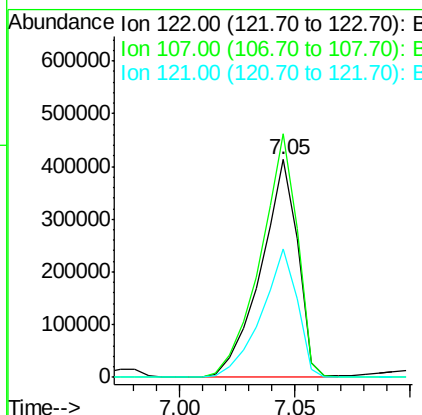
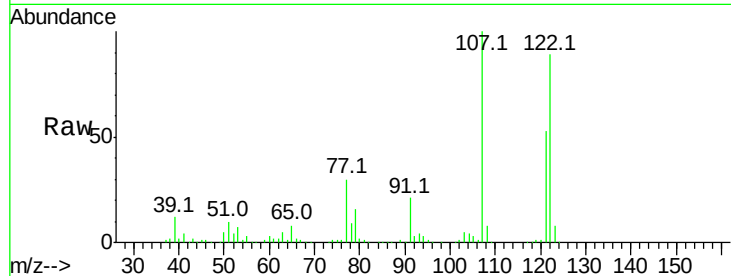




#27  
 2,4-Dimethylphenol  
 Concen: 46.43 ng  
 RT: 7.05 min Scan# 877  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

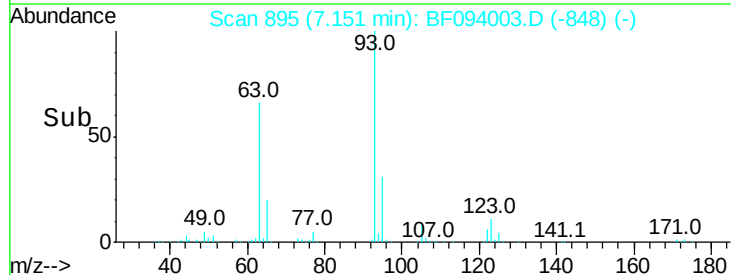
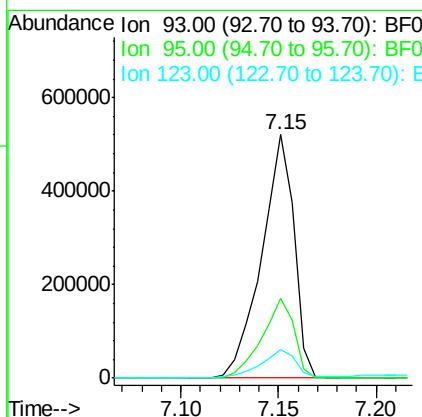
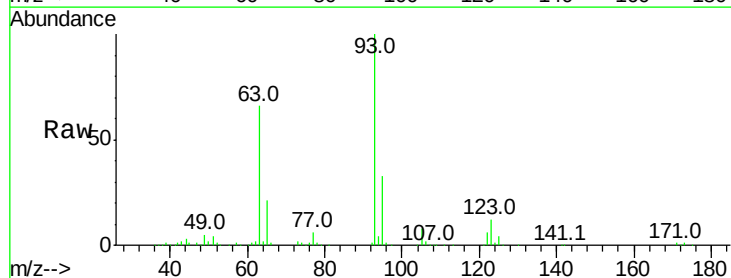
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

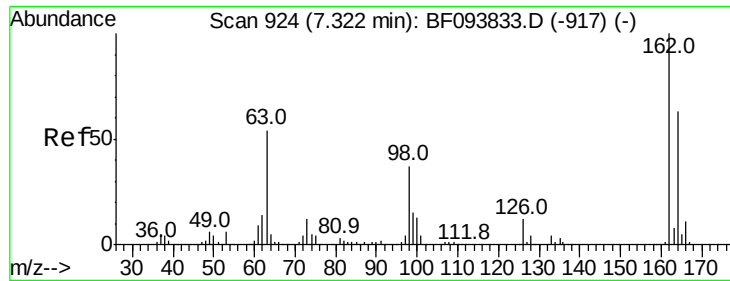
Tot Ion:122 Resp: 459475  
 Ion Ratio Lower Upper  
 122 100  
 107 111.9 89.2 133.8  
 121 59.1 45.2 67.8



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.20 ng  
 RT: 7.15 min Scan# 895  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion: 93 Resp: 597061  
 Ion Ratio Lower Upper  
 93 100  
 95 32.9 26.5 39.7  
 123 11.6 9.0 13.4

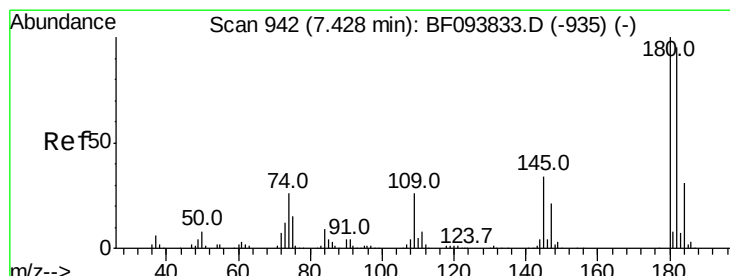
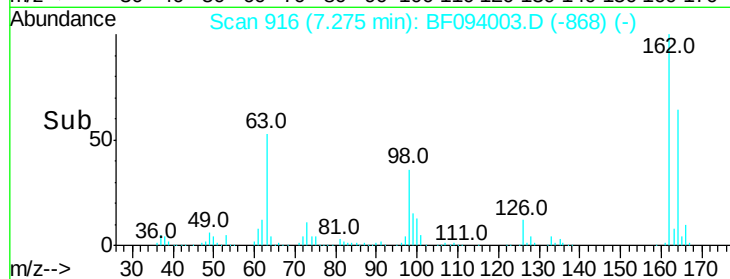
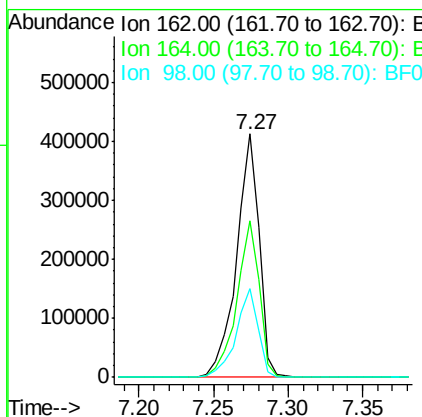
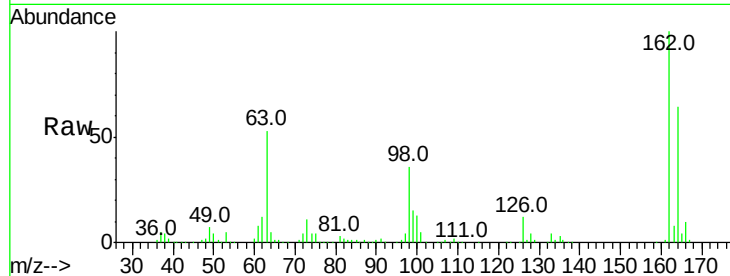




#29  
 2,4-Dichlorophenol  
 Concen: 47.19 ng  
 RT: 7.27 min Scan# 916  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

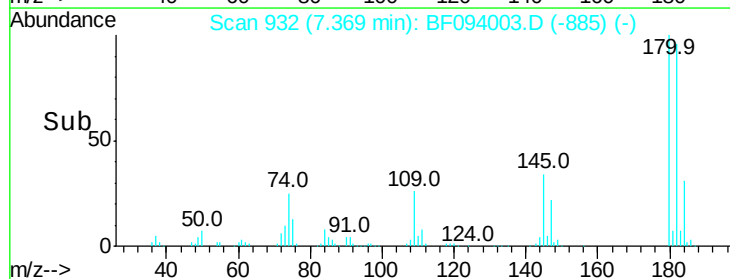
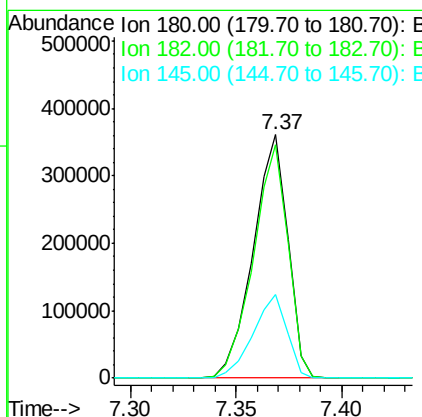
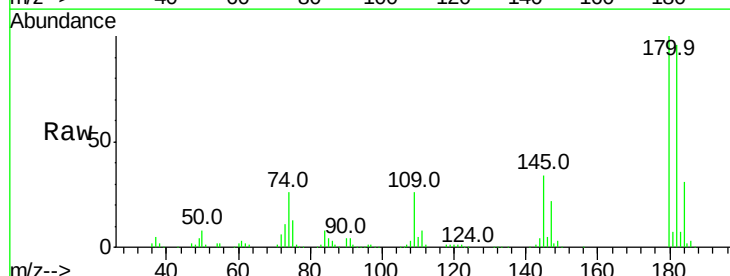
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

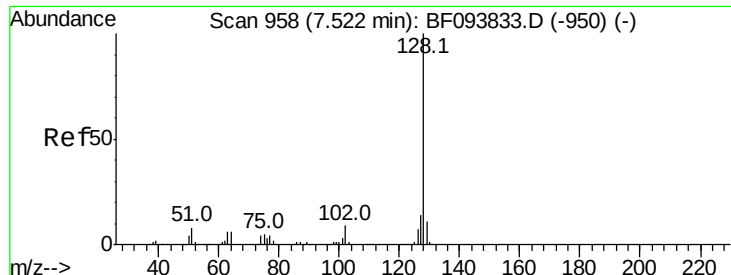
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 162   | Resp: | 436648 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.3  | 44.6  | 84.6   |
| 98       | 36.3  | 14.8  | 54.8   |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 43.32 ng  
 RT: 7.37 min Scan# 932  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 412868 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 96.0  | 75.8  | 113.6  |
| 145      | 34.2  | 25.3  | 37.9   |

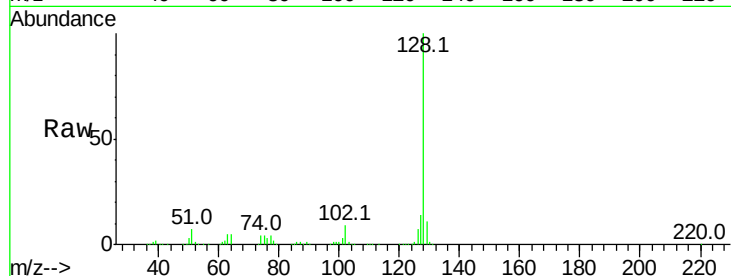




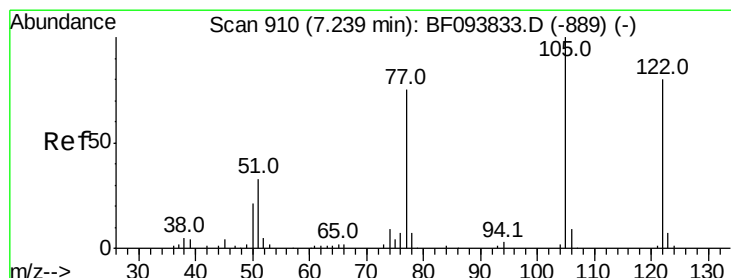
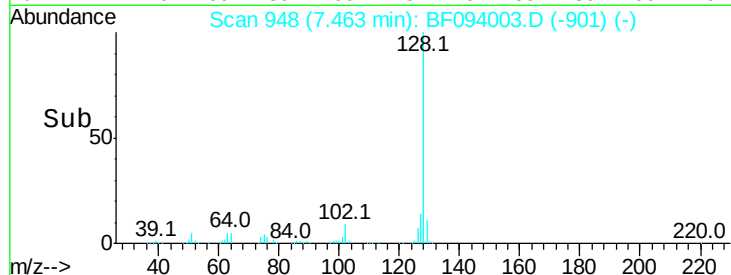
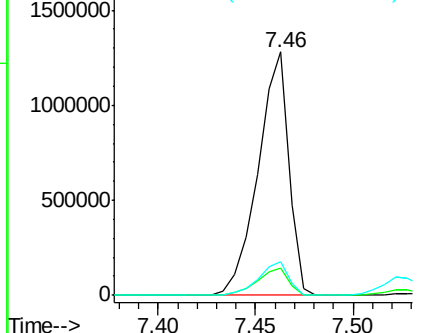
#31  
Naphthalene  
Concen: 41.62 ng  
RT: 7.46 min Scan# 948  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

Tot Ion:128 Resp: 1394501  
Ion Ratio Lower Upper  
128 100  
129 11.3 9.0 13.6  
127 13.7 10.8 16.2

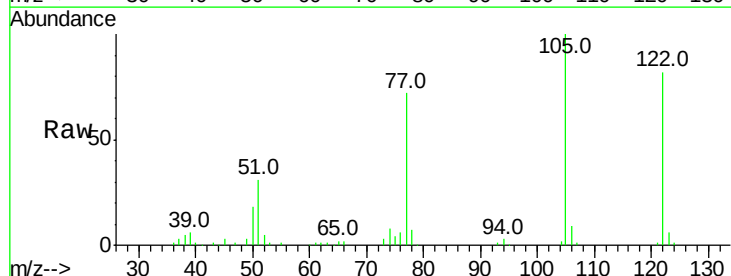


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

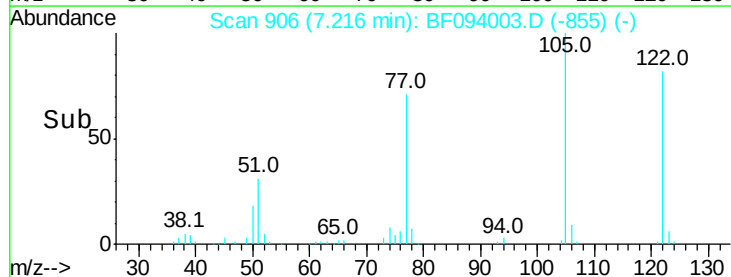
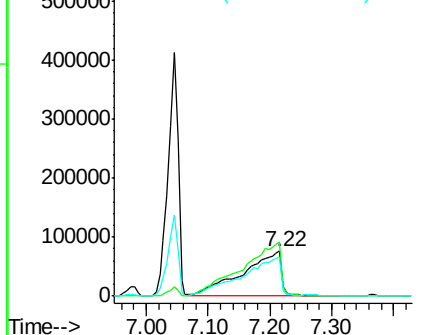


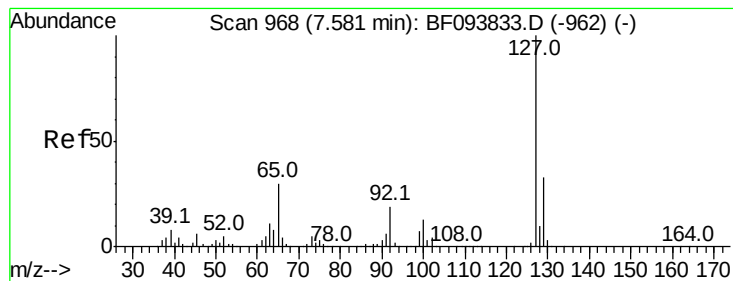
#32  
Benzoic acid  
Concen: 50.45 ng  
RT: 7.22 min Scan# 906  
Delta R.T. -0.00 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:122 Resp: 332367  
Ion Ratio Lower Upper  
122 100  
105 121.6 103.3 143.3  
77 87.3 73.7 113.7



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): BF0





#33

4-Chloroaniline

Concen: 10.93 ng

RT: 7.52 min Scan# 958

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

Tot Ion:127 Resp: 148386

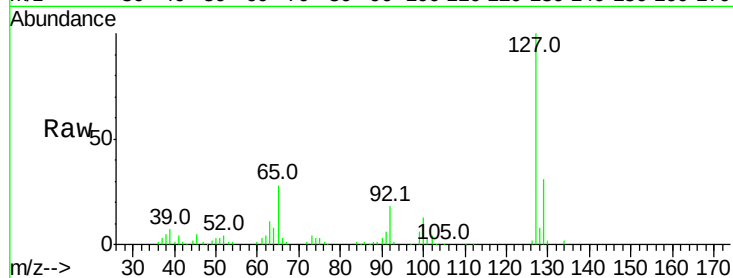
Ion Ratio Lower Upper

127 100

129 31.0 26.2 39.2

65 27.7 27.8 41.8#

92 18.3 16.8 25.2

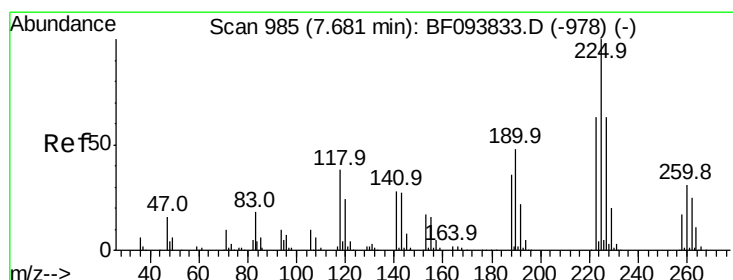
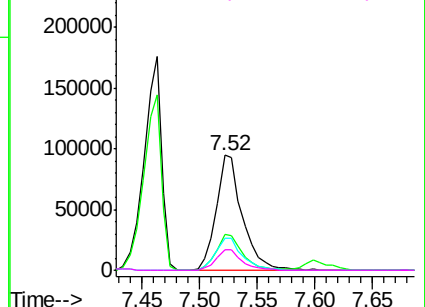
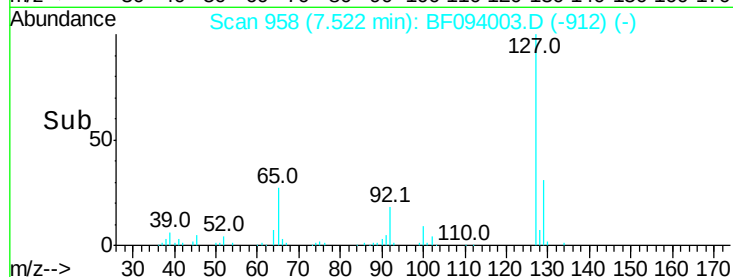


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.45 ng

RT: 7.62 min Scan# 974

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

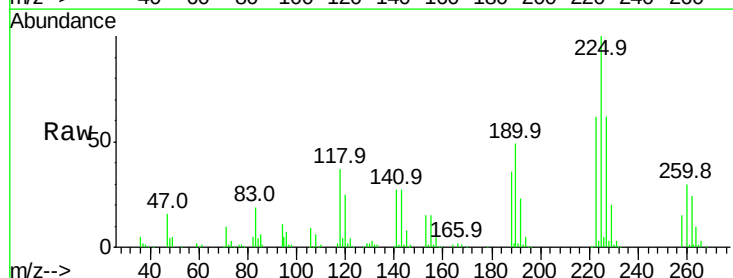
Tgt Ion:225 Resp: 212343

Ion Ratio Lower Upper

225 100

223 61.9 48.8 73.2

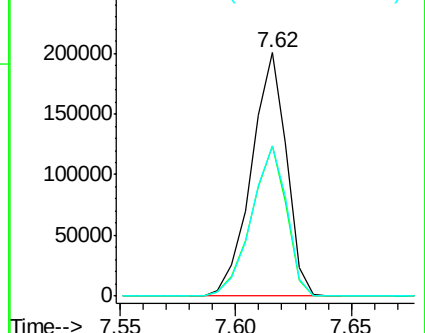
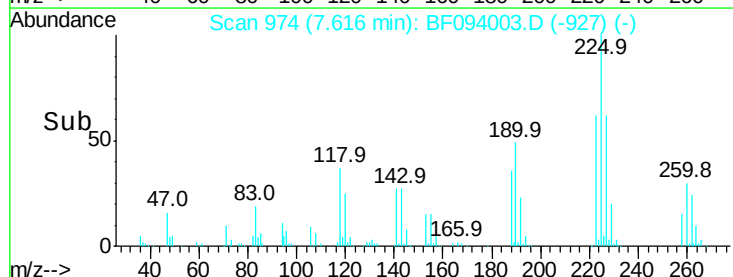
227 61.9 51.1 76.7

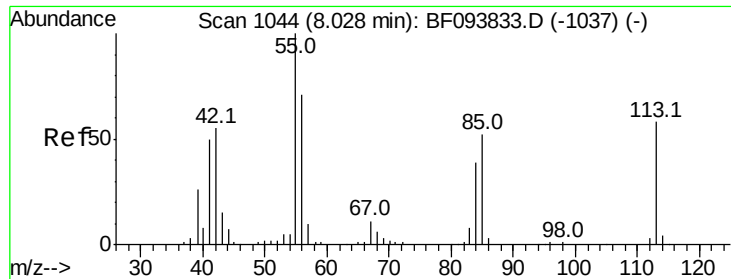


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

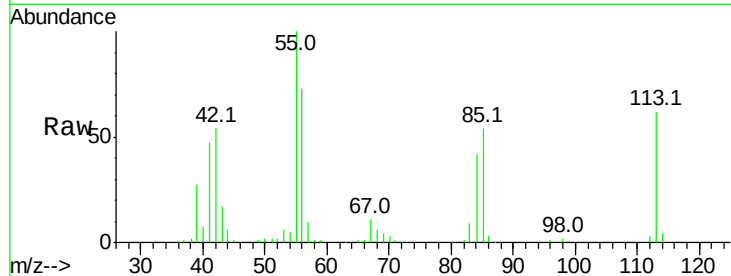




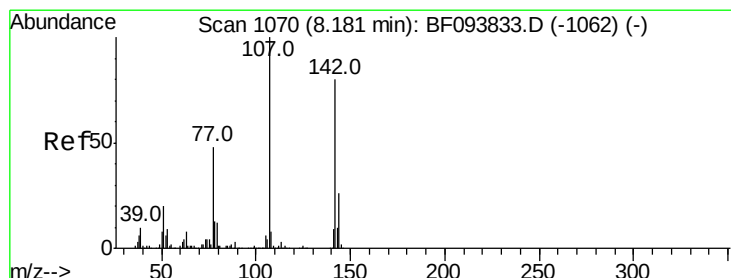
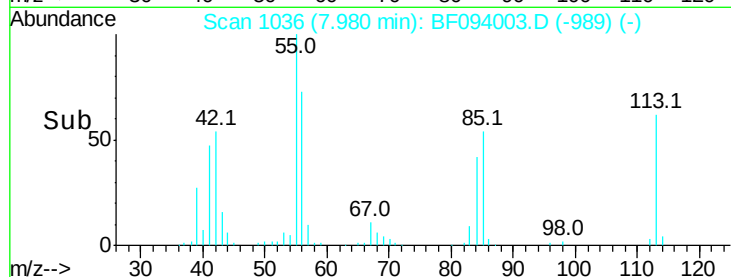
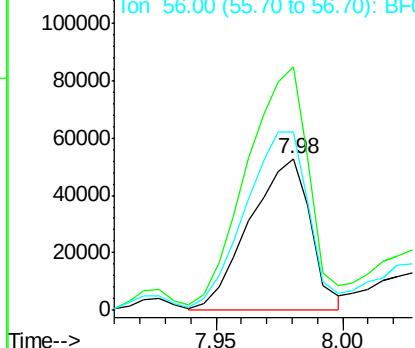
#35  
 Caprolactam  
 Concen: 30.10 ng  
 RT: 7.98 min Scan# 1036  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB97860BS

Tot Ion:113 Resp: 88813  
 Ion Ratio Lower Upper  
 113 100  
 55 160.3 150.2 190.2  
 56 117.4 107.8 147.8

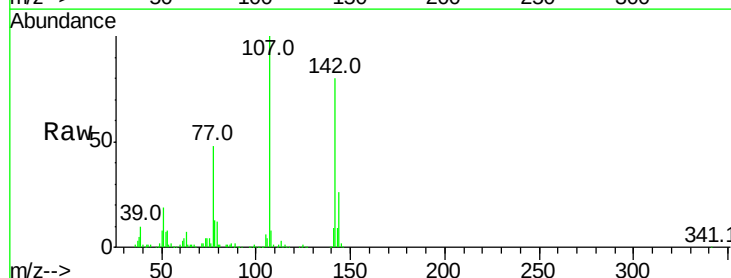


Abundance Ion 113.00 (112.70 to 113.70): E  
 Ion 55.00 (54.70 to 55.70): BF0  
 Ion 56.00 (55.70 to 56.70): BF0

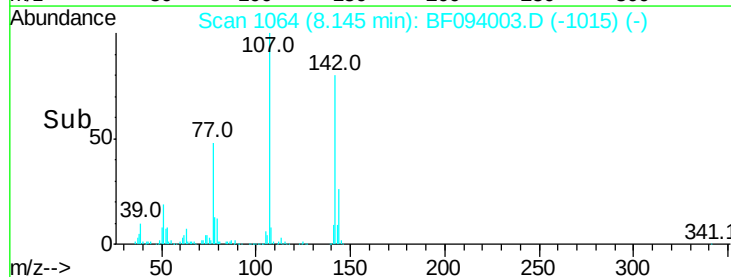
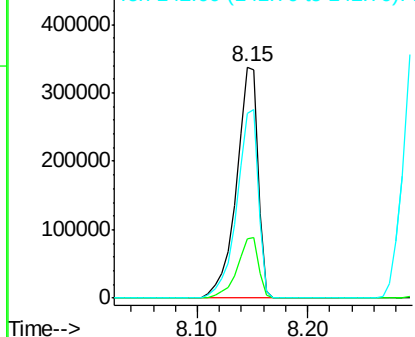


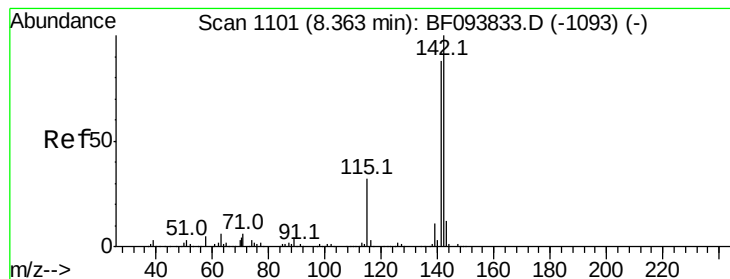
#36  
 4-Chloro-3-methylphenol  
 Concen: 48.11 ng  
 RT: 8.15 min Scan# 1064  
 Delta R.T. -0.01 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:107 Resp: 465164  
 Ion Ratio Lower Upper  
 107 100  
 144 25.7 24.2 36.4  
 142 79.9 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.30 ng

RT: 8.30 min Scan# 1091

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

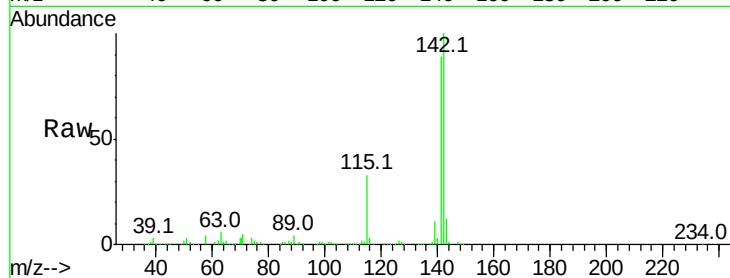
Tot Ion:142 Resp: 989418

Ion Ratio Lower Upper

142 100

141 89.4 71.3 106.9

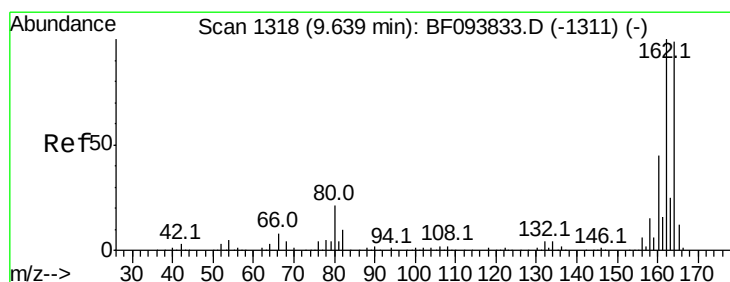
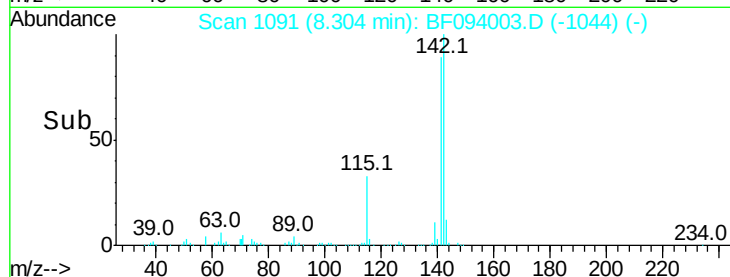
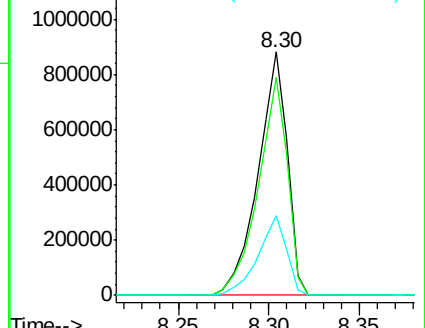
115 32.6 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.57 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

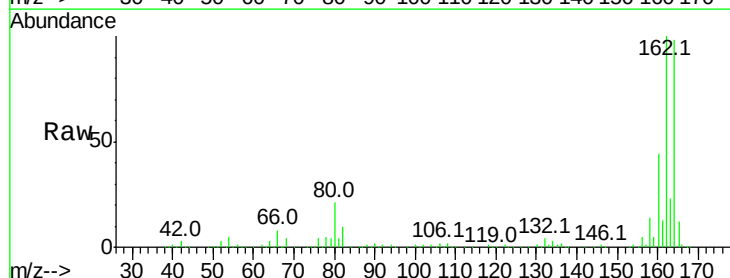
Tgt Ion:164 Resp: 324640

Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

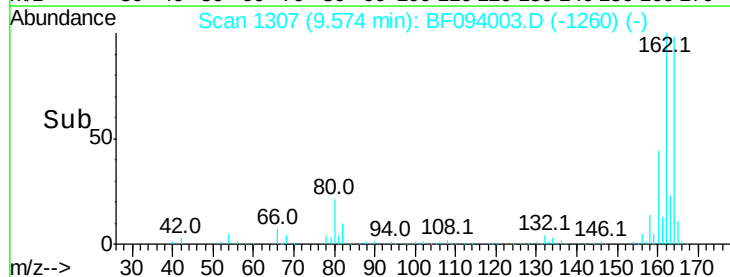
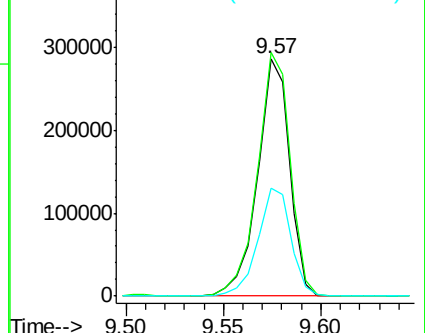
160 45.2 36.2 54.2

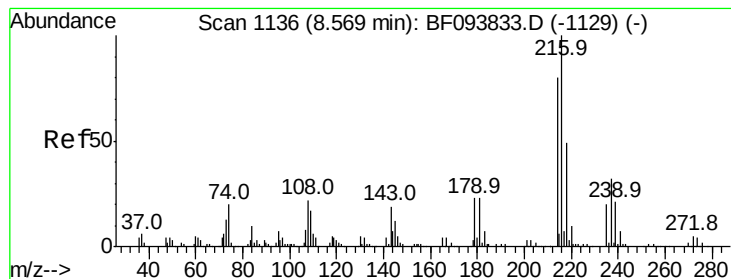


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.19 ng

RT: 8.51 min Scan# 1126

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

Tot Ion:216 Resp: 356961

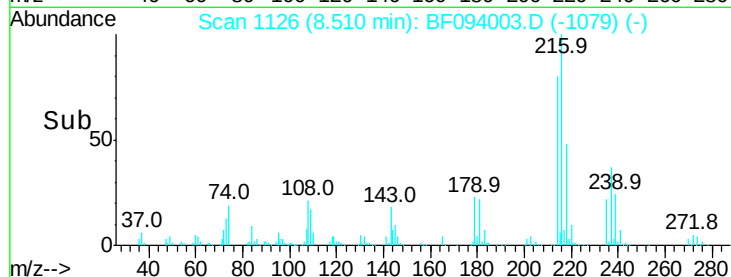
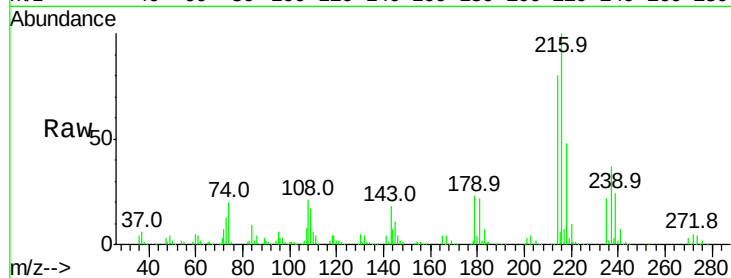
Ion Ratio Lower Upper

216 100

214 79.5 63.4 95.2

179 22.5 17.9 26.9

108 23.1 16.5 24.7

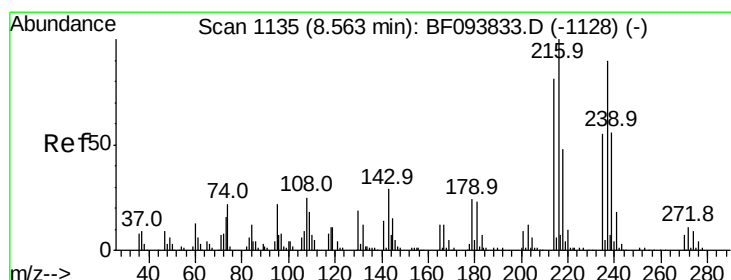
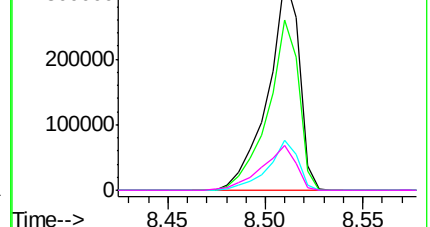


Abundance Ion 216.00 (215.70 to 216.70): E

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: 91.52 ng

RT: 8.50 min Scan# 1125

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

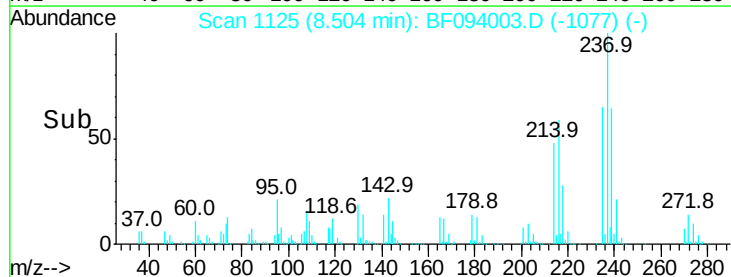
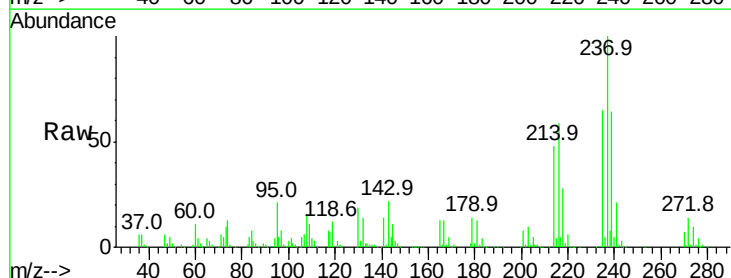
Tgt Ion:237 Resp: 380344

Ion Ratio Lower Upper

237 100

235 64.6 42.6 82.6

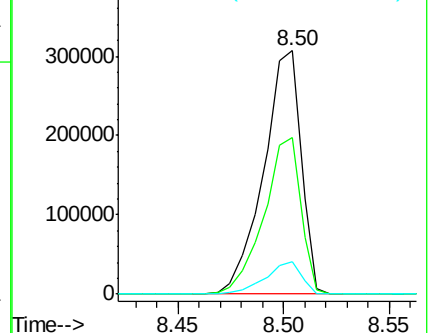
272 13.5 0.0 31.9



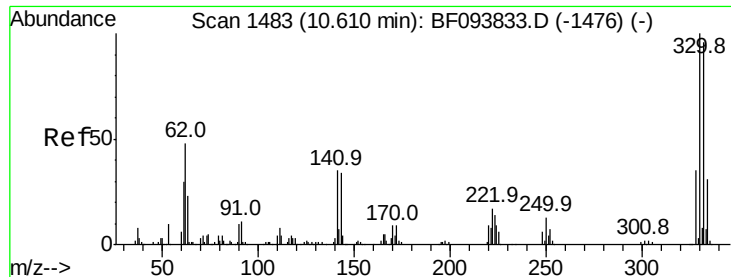
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



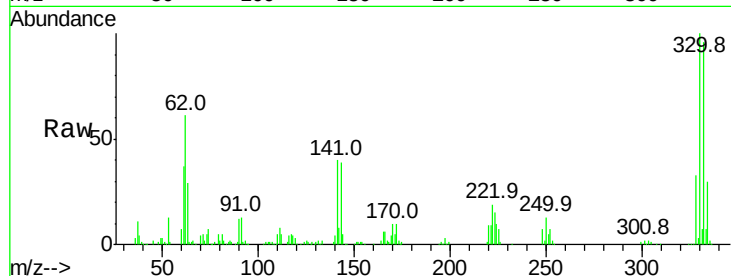




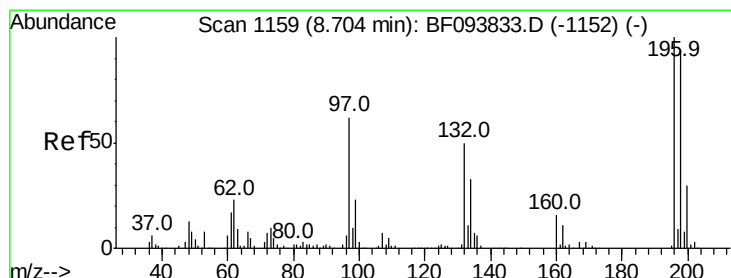
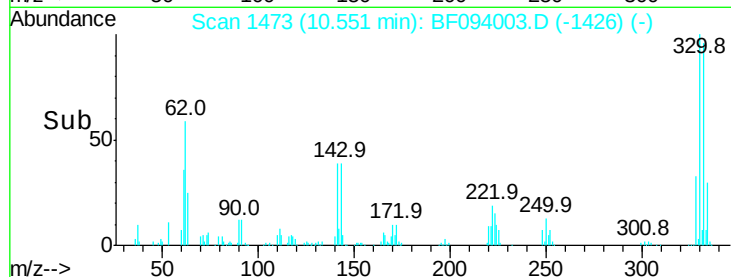
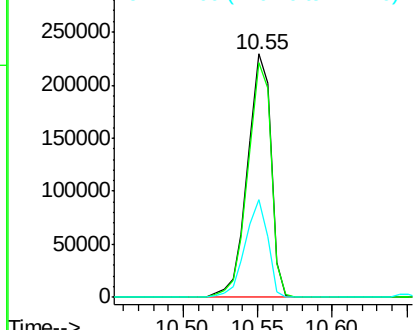
#41  
 2,4,6-Tribromophenol  
 Concen: 97.01 ng  
 RT: 10.55 min Scan# 1473  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

Tot Ion:330 Resp: 248868  
 Ion Ratio Lower Upper  
 330 100  
 332 96.1 76.6 115.0  
 141 39.2 31.4 47.2

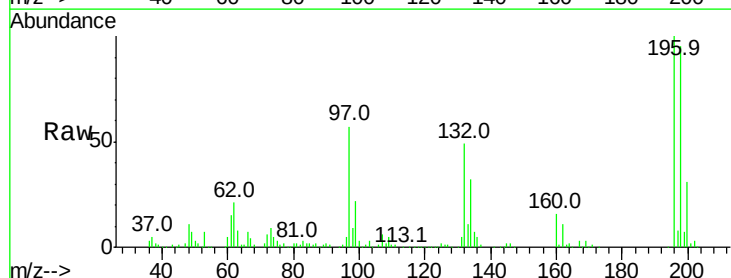


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

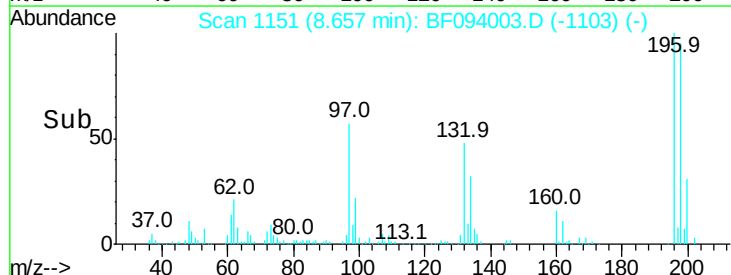
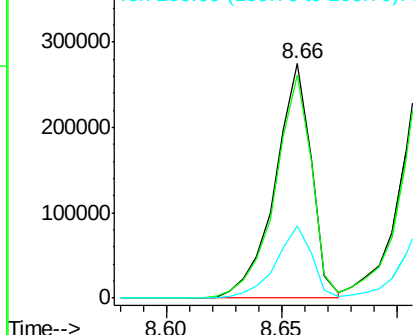


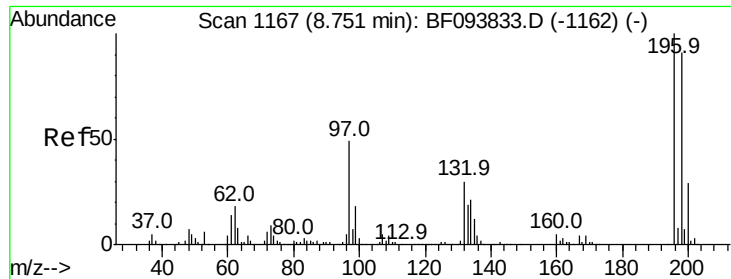
#42  
 2,4,6-Trichlorophenol  
 Concen: 47.53 ng  
 RT: 8.66 min Scan# 1151  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:196 Resp: 298618  
 Ion Ratio Lower Upper  
 196 100  
 198 95.5 74.2 111.4  
 200 30.7 24.0 36.0



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

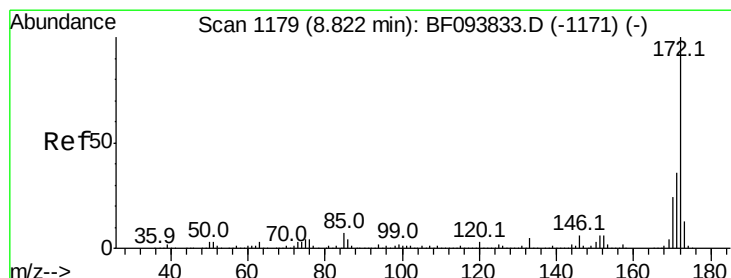
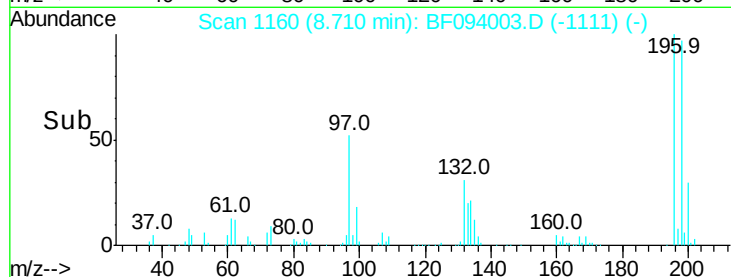
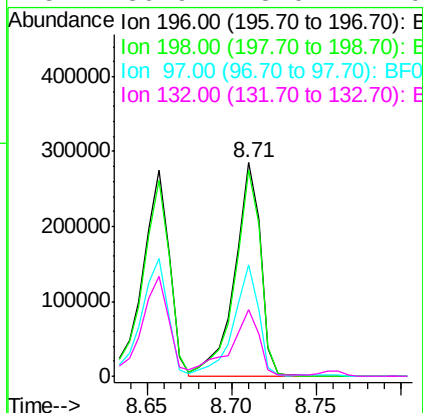
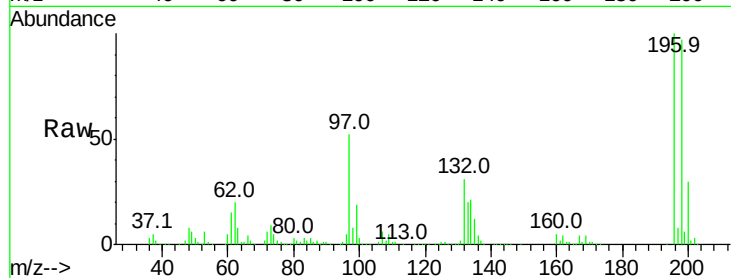




#43  
 2,4,5-Trichlorophenol  
 Concen: 44.76 ng  
 RT: 8.71 min Scan# 1160  
 Delta R.T. -0.01 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

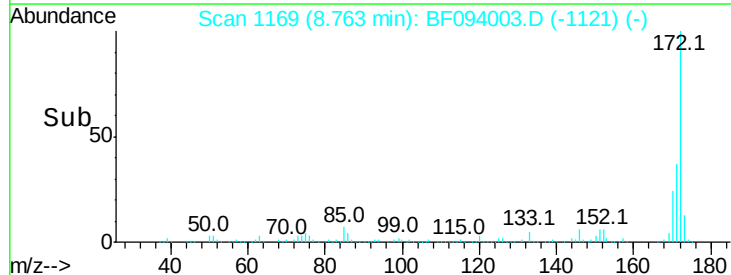
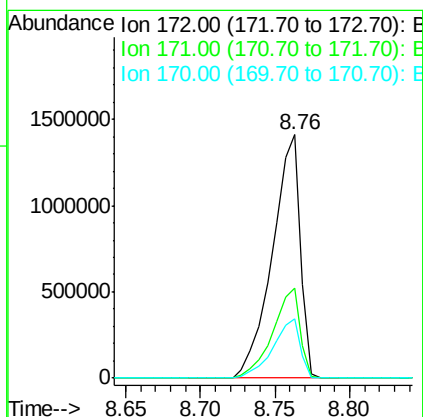
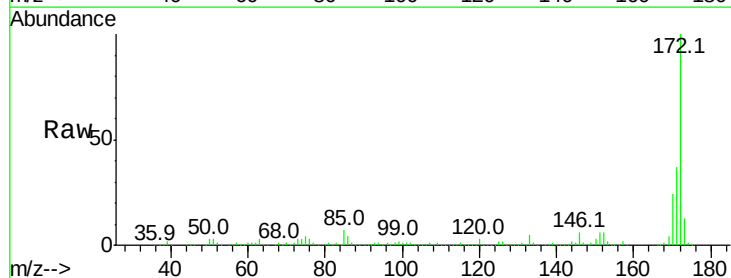
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

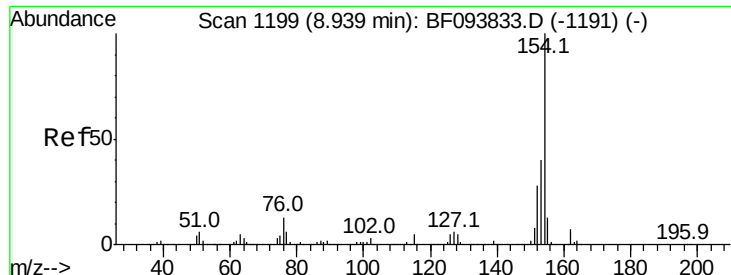
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 196   | Resp: | 304291 |
| Ion      | Ratio | Lower | Upper  |
| 196      | 100   |       |        |
| 198      | 96.6  | 75.7  | 113.5  |
| 97       | 52.1  | 47.7  | 71.5   |
| 132      | 30.9  | 28.0  | 42.0   |



#44  
 2-Fluorobiphenyl  
 Concen: 86.61 ng  
 RT: 8.76 min Scan# 1169  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 172   | Resp: | 1843463 |
| Ion      | Ratio | Lower | Upper   |
| 172      | 100   |       |         |
| 171      | 37.2  | 29.6  | 44.4    |
| 170      | 24.5  | 19.8  | 29.8    |





#45

1,1'-Biphenyl

Concen: 42.51 ng

RT: 8.88 min Scan# 1189

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

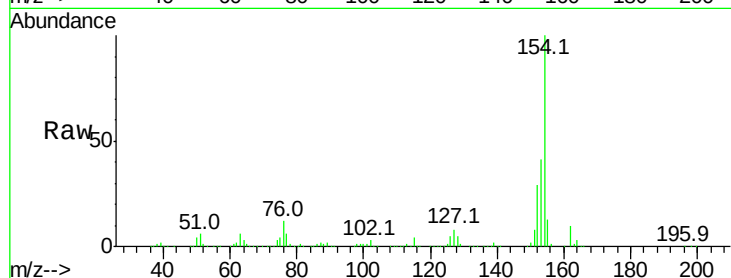
Tot Ion:154 Resp: 1113158

Ion Ratio Lower Upper

154 100

153 40.8 21.2 61.2

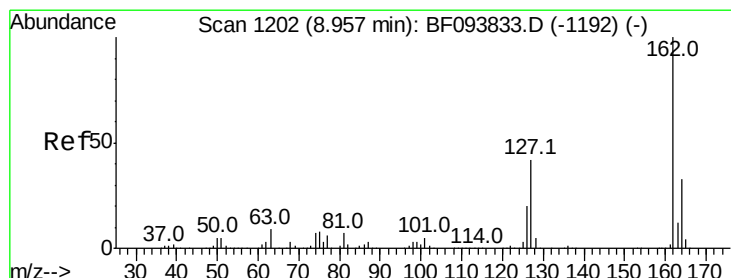
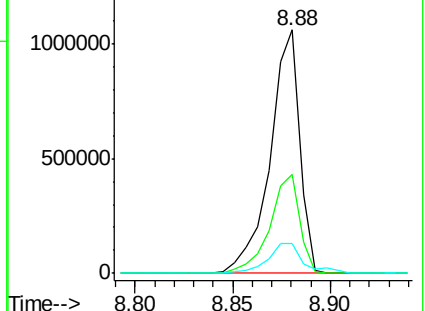
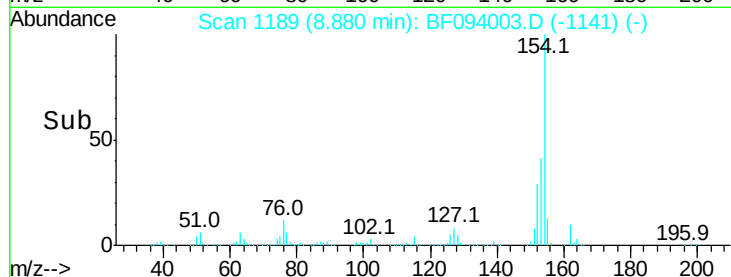
76 12.3 0.0 29.9



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): BF0



#46

2-Chloronaphthalene

Concen: 42.95 ng

RT: 8.90 min Scan# 1192

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

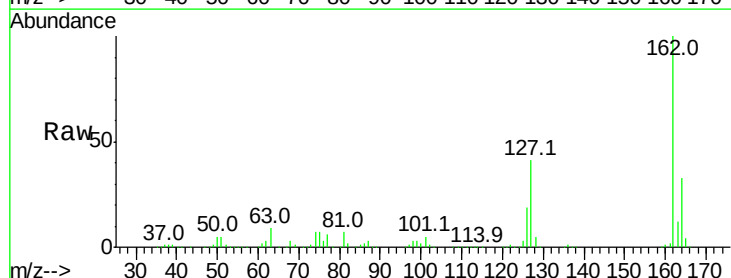
Tgt Ion:162 Resp: 880399

Ion Ratio Lower Upper

162 100

127 41.4 28.3 42.5

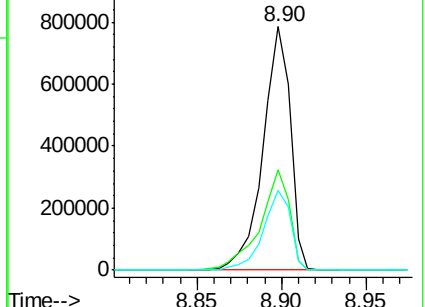
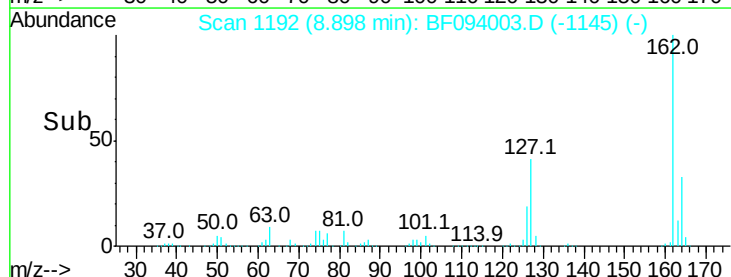
164 32.7 27.0 40.4

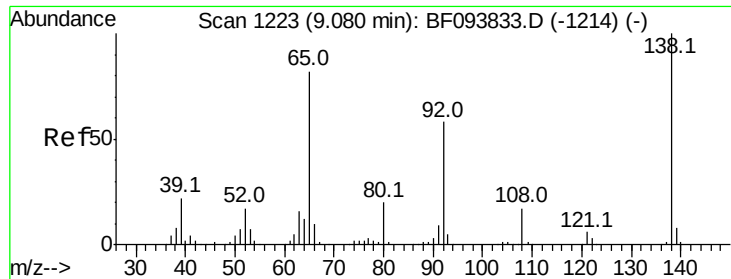


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 44.24 ng

RT: 9.03 min Scan# 1214

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

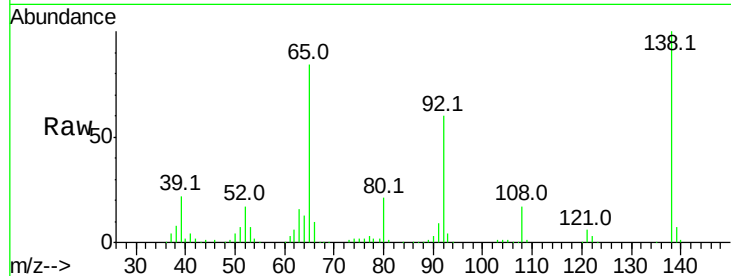
Tot Ion: 65 Resp: 268980

Ion Ratio Lower Upper

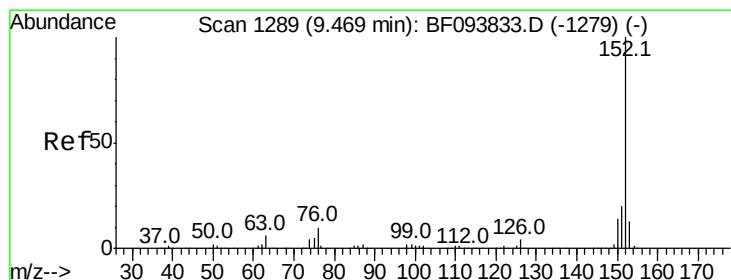
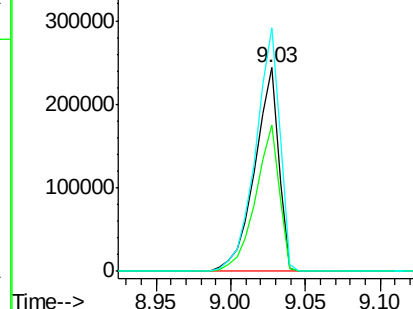
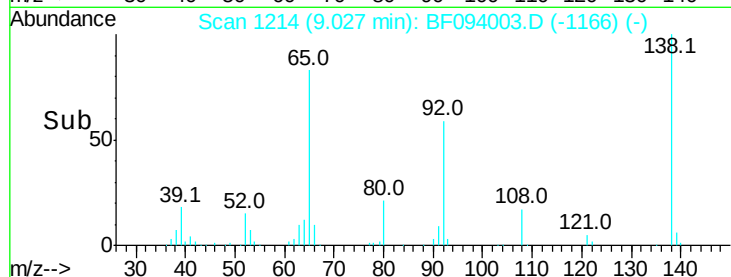
65 100

92 71.7 53.9 80.9

138 119.5 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0  
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 41.02 ng

RT: 9.41 min Scan# 1279

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

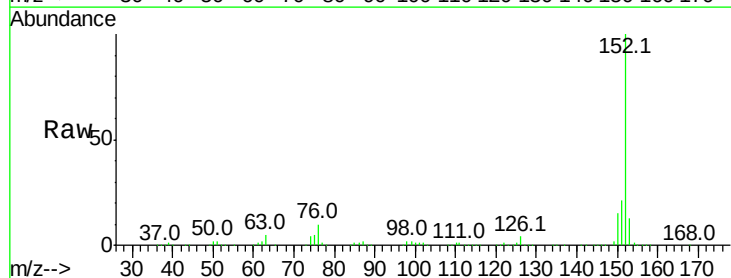
Tgt Ion:152 Resp: 1397289

Ion Ratio Lower Upper

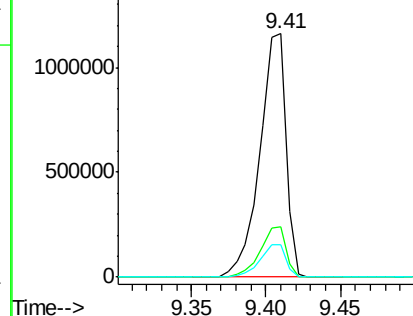
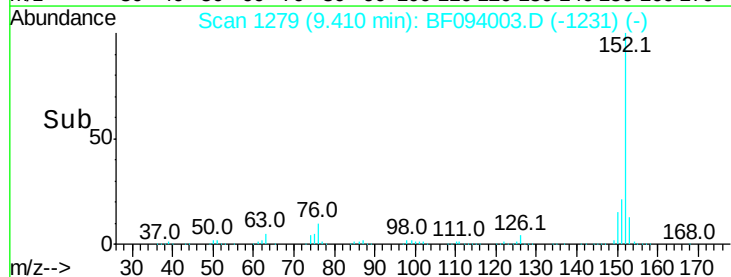
152 100

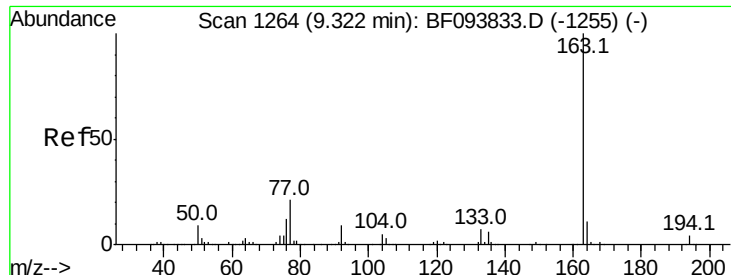
151 20.9 16.8 25.2

153 13.3 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 151.00 (150.70 to 151.70): E  
Ion 153.00 (152.70 to 153.70): E

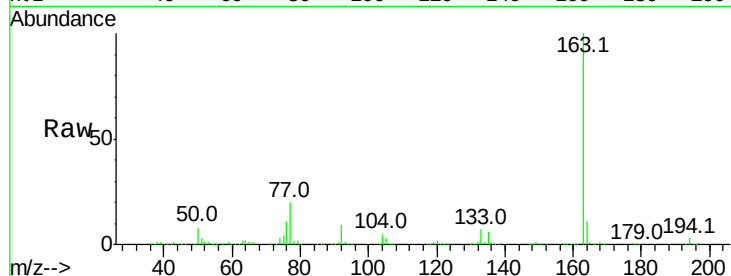




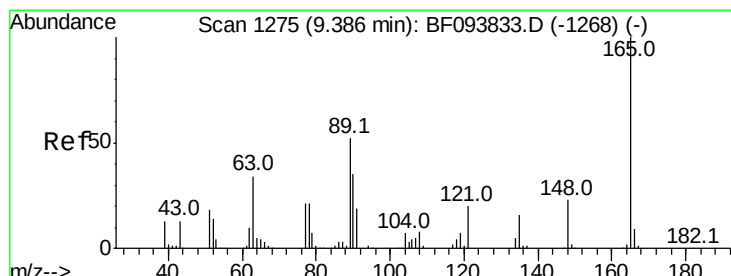
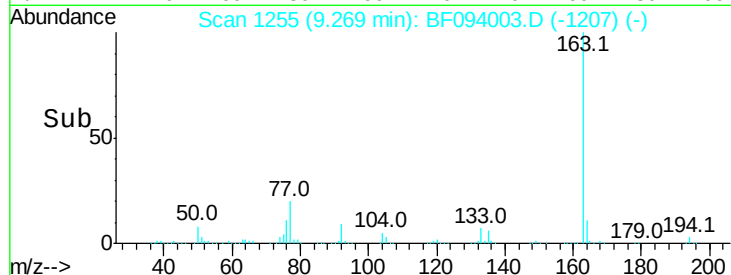
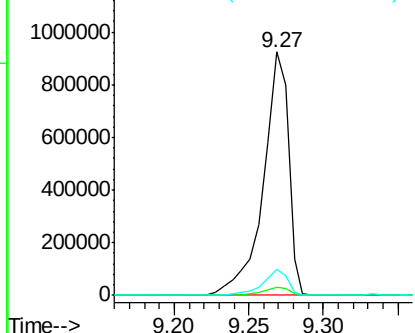
#49  
Dimethylphthalate  
Concen: 46.73 ng  
RT: 9.27 min Scan# 1255  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

Tot Ion:163 Resp: 1078471  
Ion Ratio Lower Upper  
163 100  
194 3.4 2.6 4.0  
164 10.5 8.4 12.6

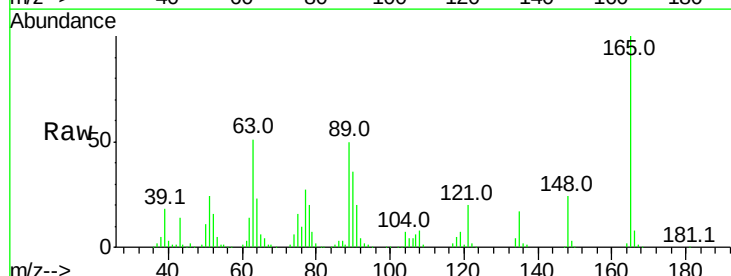


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

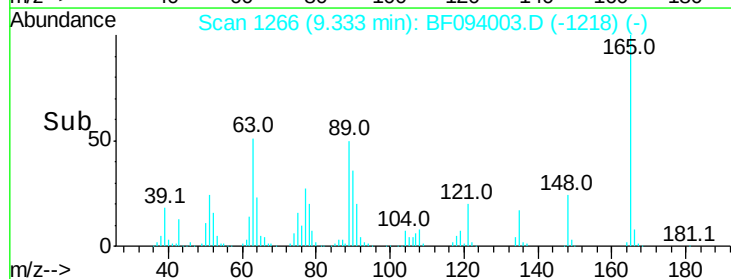
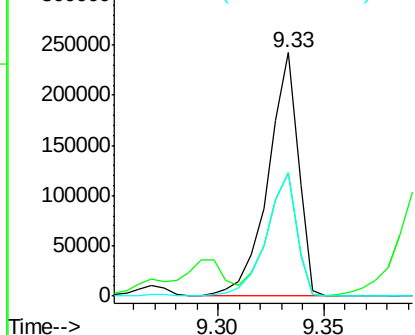


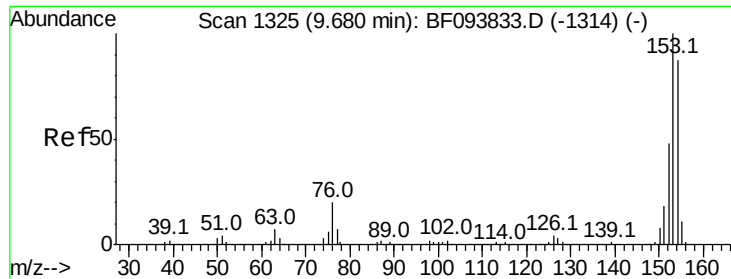
#50  
2,6-Dinitrotoluene  
Concen: 45.73 ng  
RT: 9.33 min Scan# 1266  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:165 Resp: 241932  
Ion Ratio Lower Upper  
165 100  
63 50.9 34.3 51.5  
89 50.4 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BF0  
Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.71 ng

RT: 9.62 min Scan# 1315

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

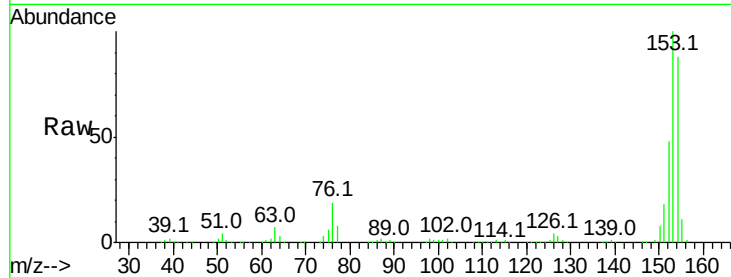
Tot Ion:154 Resp: 829019

Ion Ratio Lower Upper

154 100

153 113.5 90.5 135.7

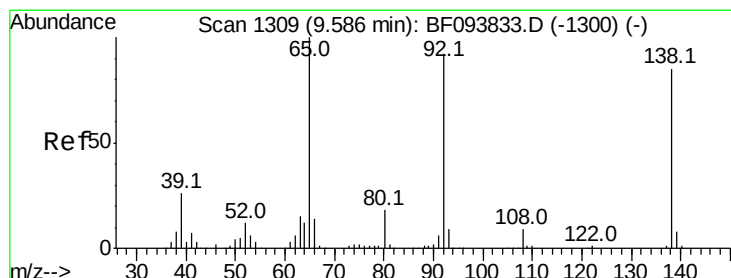
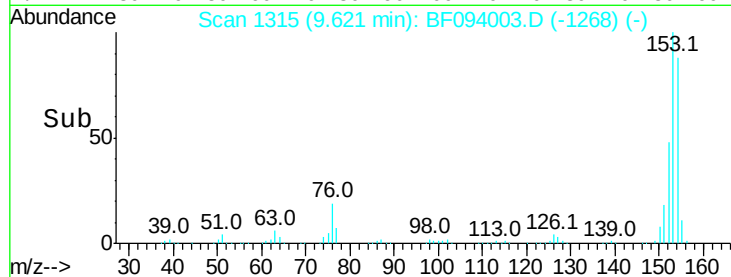
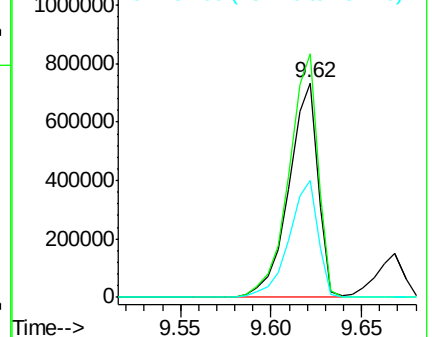
152 54.4 43.6 65.4



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: 20.04 ng

RT: 9.53 min Scan# 1300

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

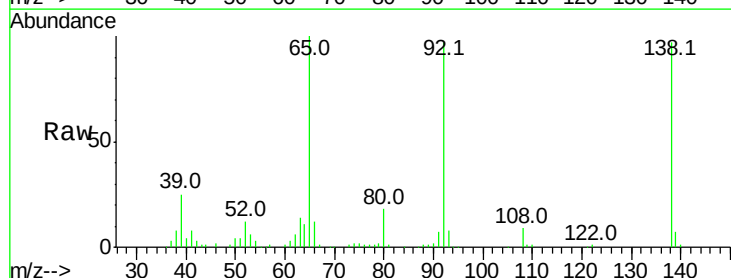
Tgt Ion:138 Resp: 124511

Ion Ratio Lower Upper

138 100

108 9.6 9.1 13.7

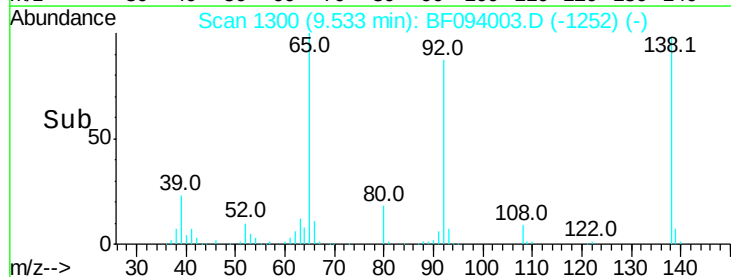
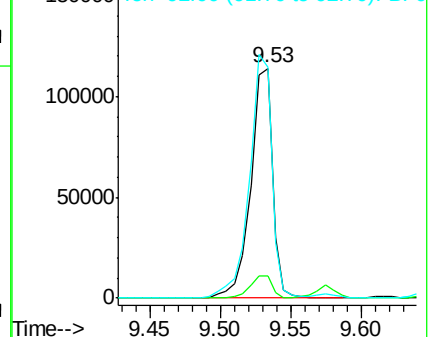
92 100.4 93.8 140.6

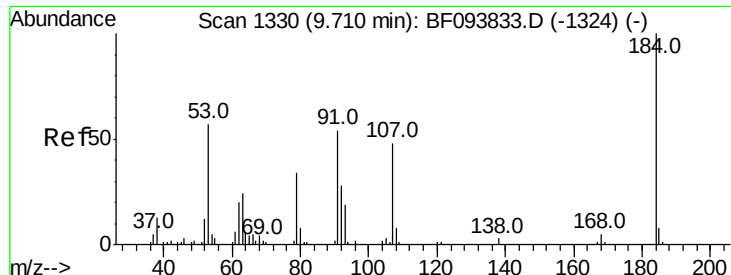


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

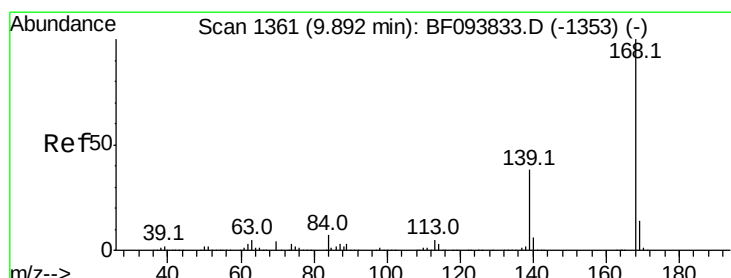
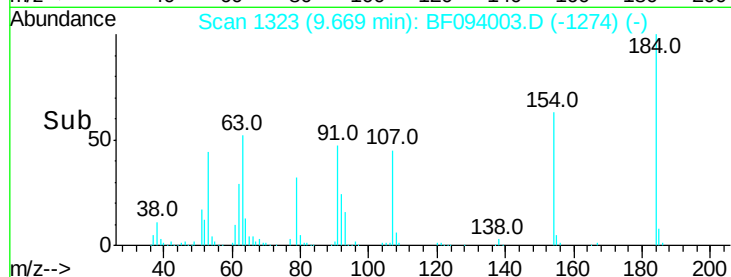
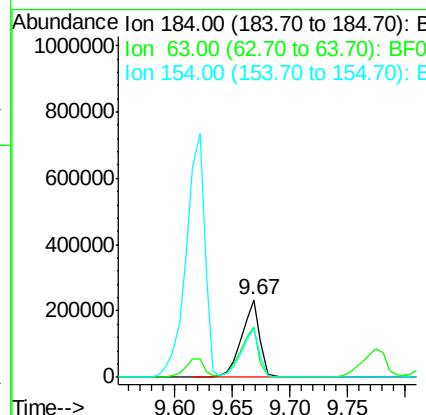
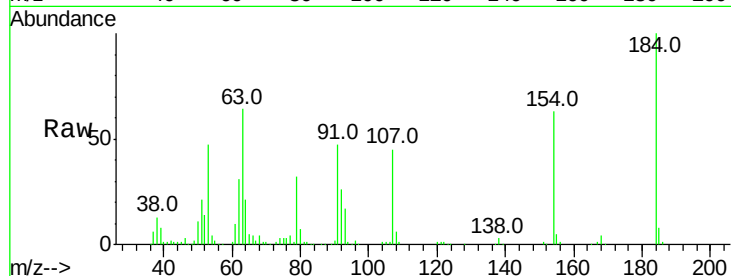




#53  
 2,4-Dinitrophenol  
 Concen: 89.85 ng  
 RT: 9.67 min Scan# 1323  
 Delta R.T. -0.01 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

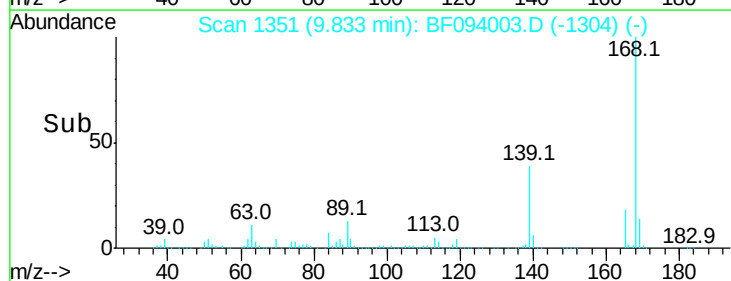
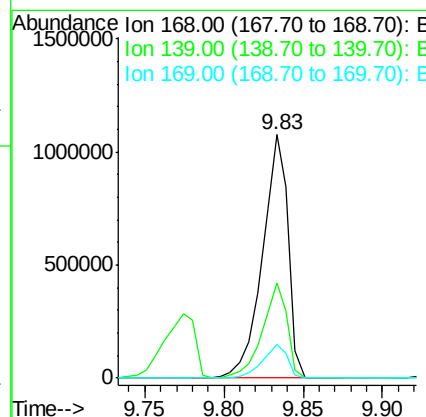
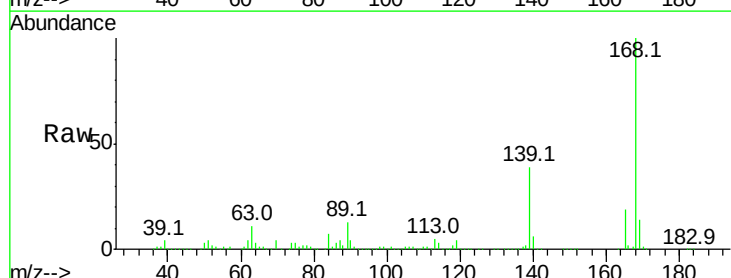
Instrument :  
 BNA\_F  
 ClientSampleID :  
 PB97860BS

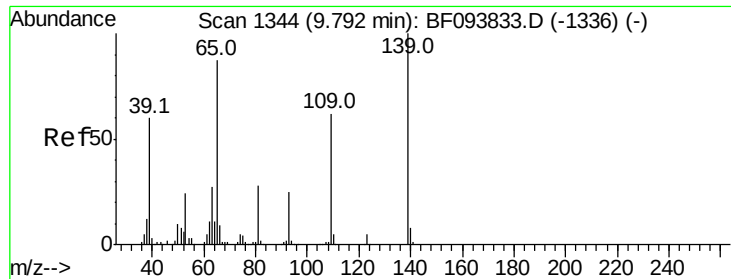
Tot Ion:184 Resp: 256080  
 Ion Ratio Lower Upper  
 184 100  
 63 64.0 62.7 94.1  
 154 63.4 81.1 121.7#



#54  
 Dibenzofuran  
 Concen: 44.75 ng  
 RT: 9.83 min Scan# 1351  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:168 Resp: 1210787  
 Ion Ratio Lower Upper  
 168 100  
 139 39.2 30.6 45.8  
 169 13.8 10.8 16.2

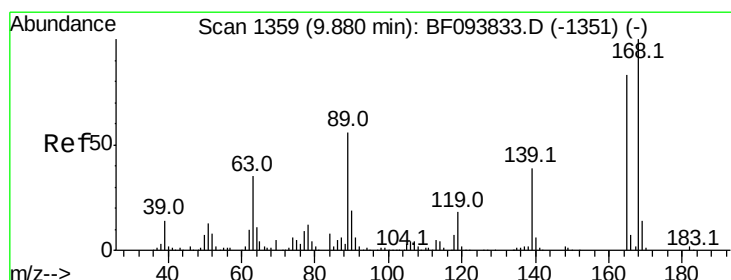
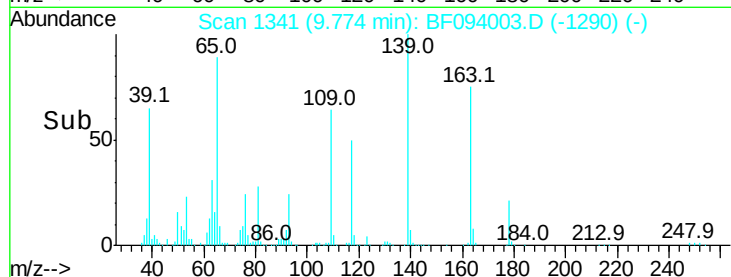
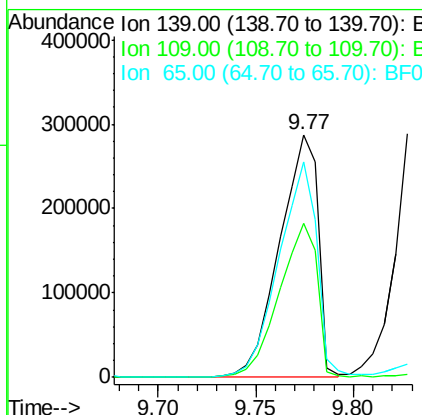
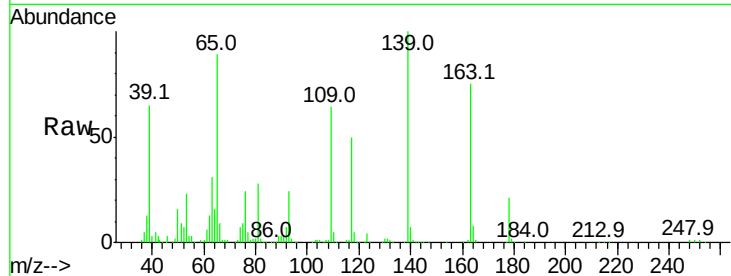




#55  
4-Nitrophenol  
Concen: 80.29 ng  
RT: 9.77 min Scan# 1341  
Delta R.T. -0.00 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

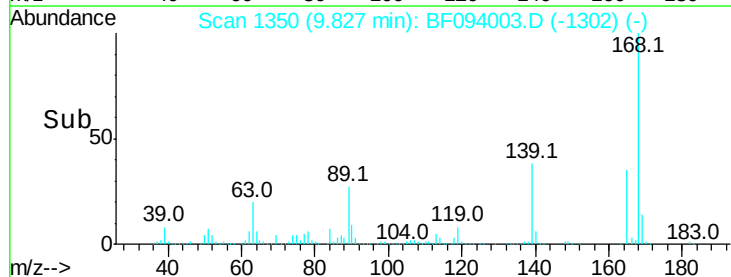
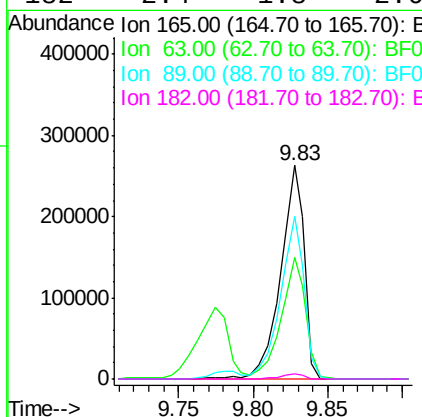
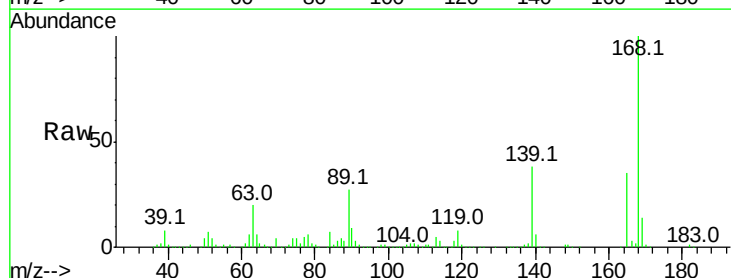
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

Tot Ion:139 Resp: 390568  
Ion Ratio Lower Upper  
139 100  
109 63.7 34.1 74.1  
65 89.2 31.4 71.4#

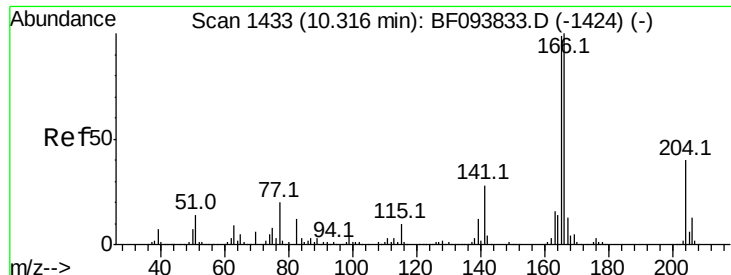


#56  
2,4-Dinitrotoluene  
Concen: 44.12 ng  
RT: 9.83 min Scan# 1350  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:165 Resp: 293206  
Ion Ratio Lower Upper  
165 100  
63 56.8 25.4 38.0#  
89 76.4 46.4 69.6#  
182 2.4 1.8 2.6



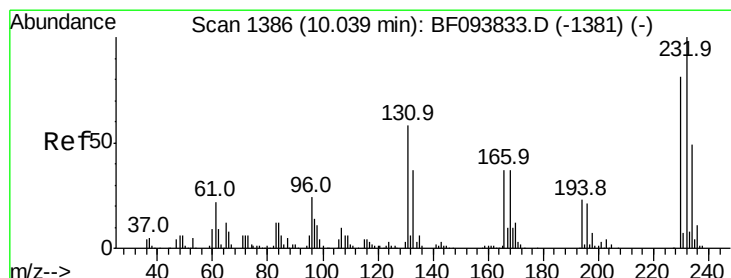
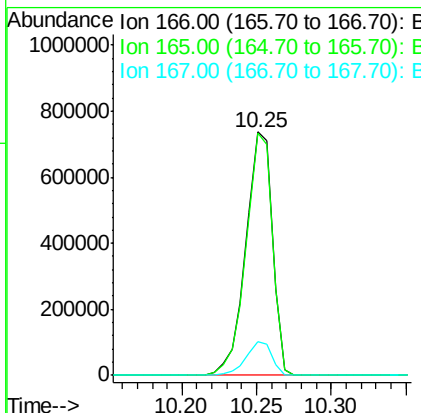
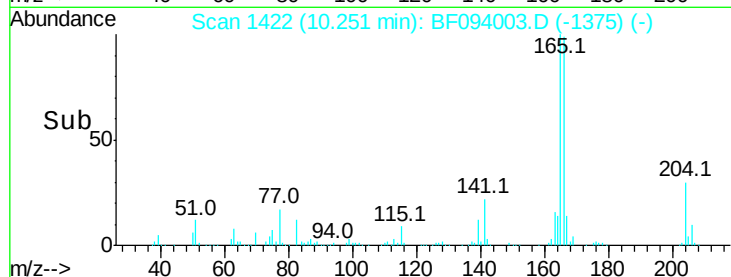
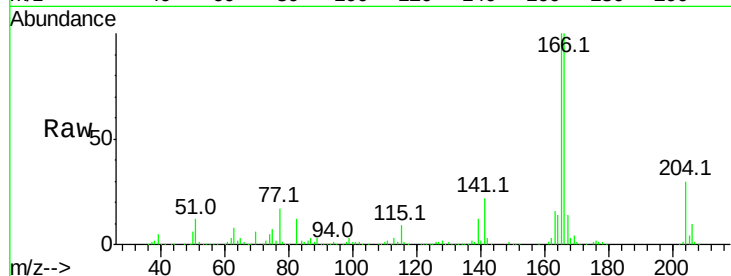




#57  
**Fluorene**  
 Concen: 40.35 ng  
 RT: 10.25 min Scan# 1422  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

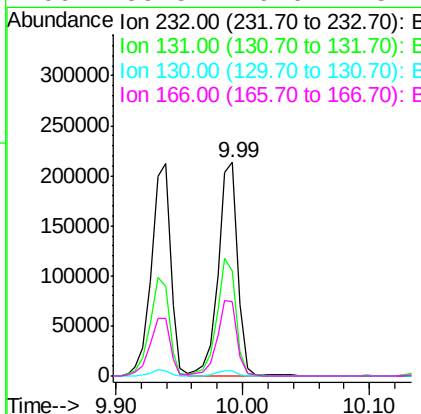
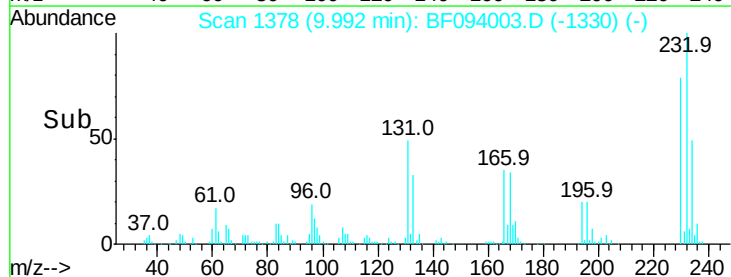
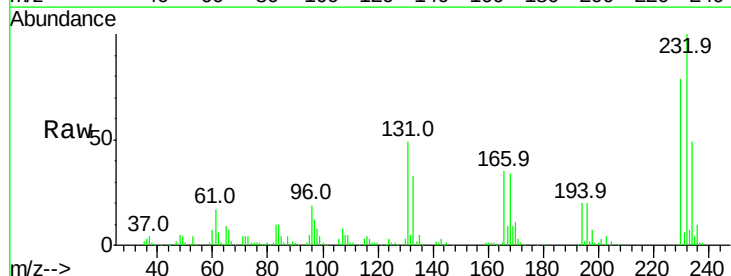
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

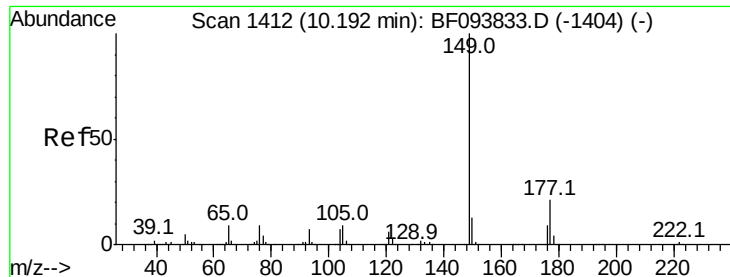
| Tot Ion | 166  | 165  | 167 | Resp | Lower | Upper |
|---------|------|------|-----|------|-------|-------|
| 166     | 100  |      |     |      |       |       |
| 165     | 99.5 | 78.8 |     |      |       |       |
| 167     | 14.0 | 10.6 |     |      |       |       |



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 49.37 ng  
 RT: 9.99 min Scan# 1378  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

| Tgt Ion | 232  | 231  | 230 | 166 | Resp | Lower | Upper |
|---------|------|------|-----|-----|------|-------|-------|
| 232     | 100  |      |     |     |      |       |       |
| 231     | 53.9 | 44.8 |     |     |      |       |       |
| 230     | 2.7  | 2.3  |     |     |      |       |       |
| 166     | 35.5 | 29.0 |     |     |      |       |       |





#59

Diethylphthalate

Concen: 45.60 ng

RT: 10.14 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

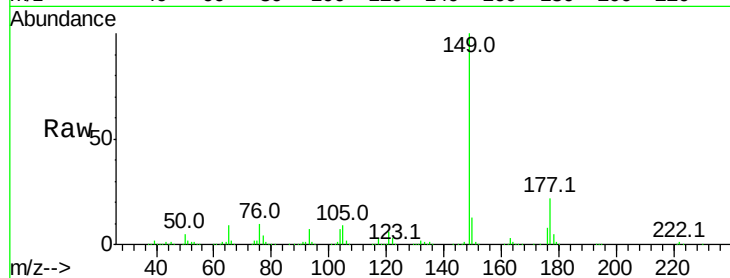
Tot Ion:149 Resp: 1039960

Ion Ratio Lower Upper

149 100

177 22.2 16.7 25.1

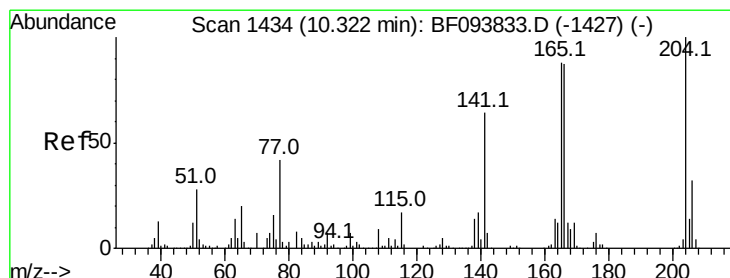
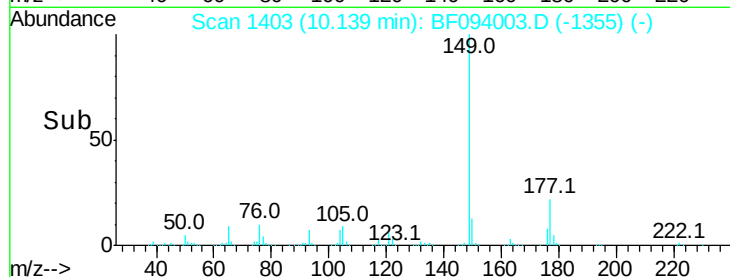
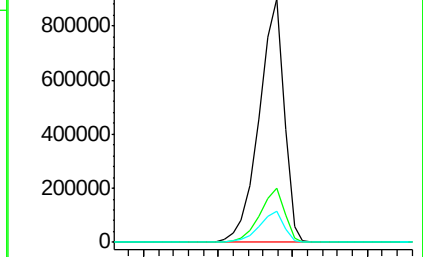
150 12.6 10.2 15.2



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: 40.88 ng

RT: 10.26 min Scan# 1423

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

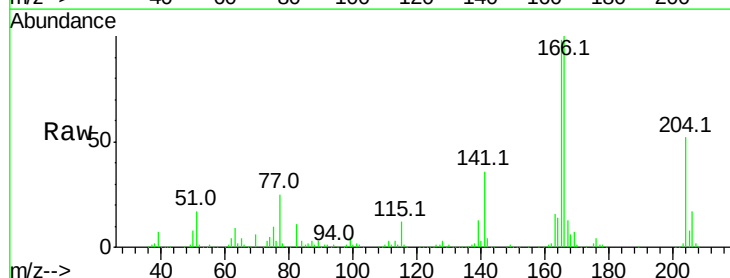
Tgt Ion:204 Resp: 390780

Ion Ratio Lower Upper

204 100

206 33.2 26.2 39.2

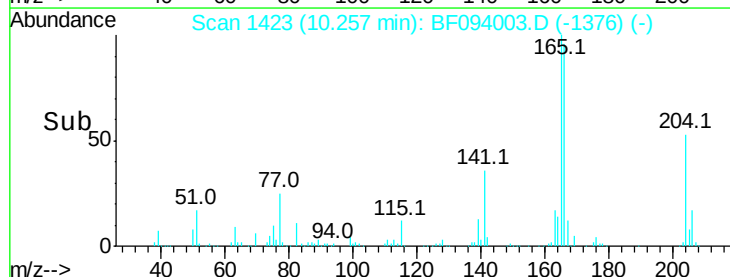
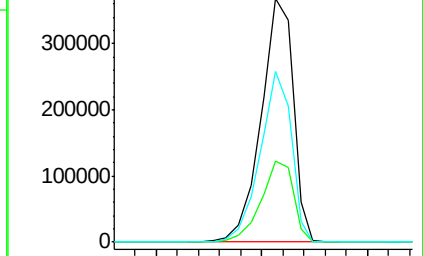
141 70.0 60.8 91.2

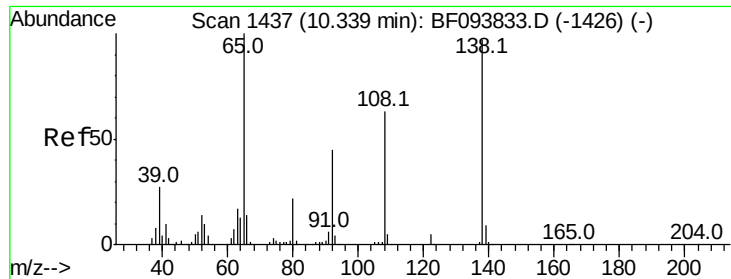


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.31 ng

RT: 10.29 min Scan# 1429

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

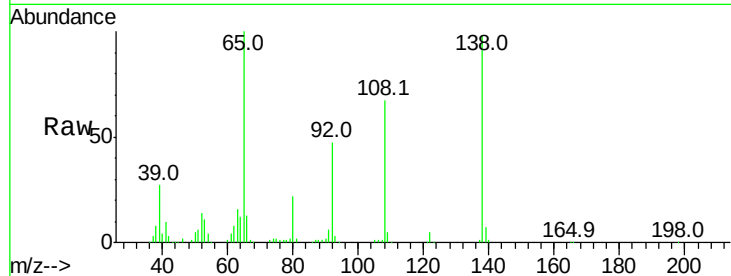
Tot Ion:138 Resp: 252204

Ion Ratio Lower Upper

138 100

92 48.1 21.8 61.8

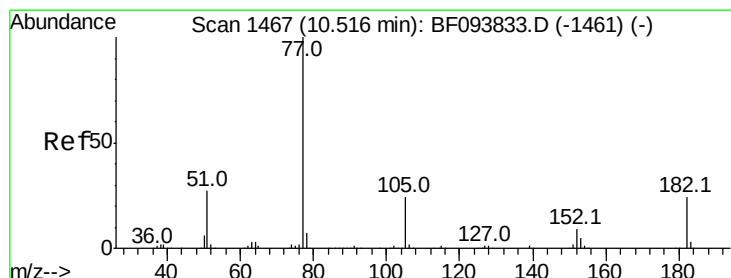
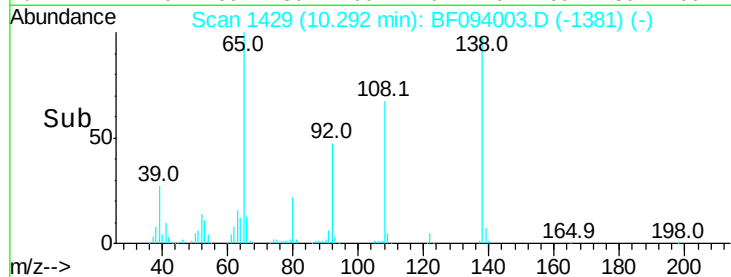
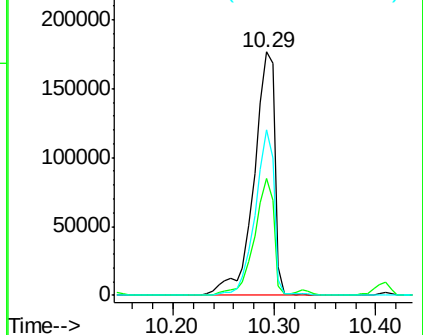
108 67.9 42.3 82.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.53 ng

RT: 10.46 min Scan# 1457

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Tgt Ion: 77 Resp: 1003969

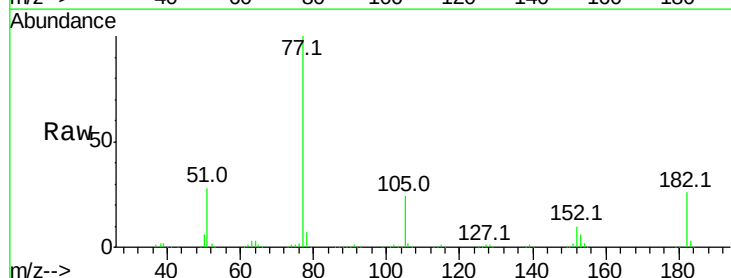
Ion Ratio Lower Upper

77 100

182 25.6 0.1 40.1

105 24.0 3.6 43.6

51 27.8 9.4 49.4

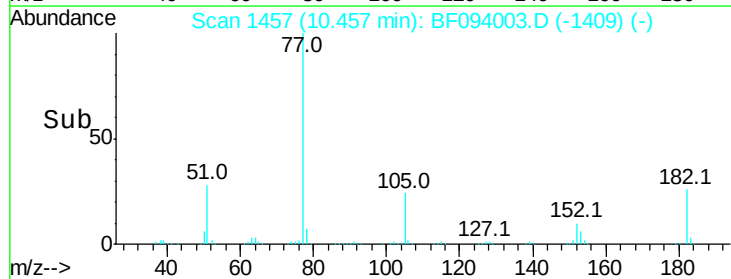
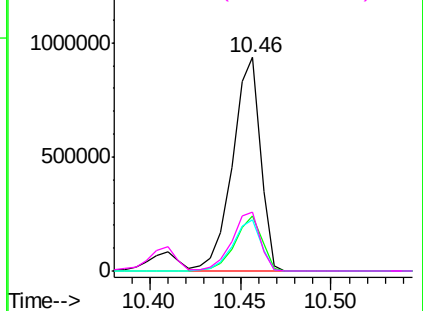


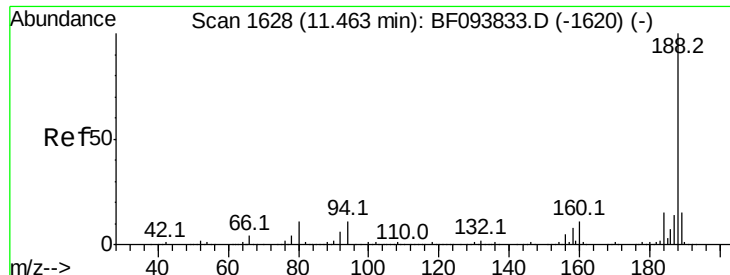
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 1617

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

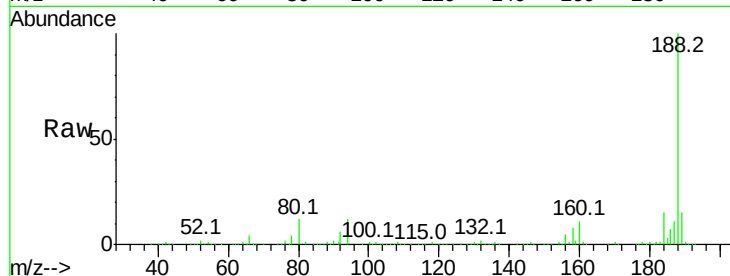
Tot Ion:188 Resp: 558347

Ion Ratio Lower Upper

188 100

94 11.8 9.4 14.2

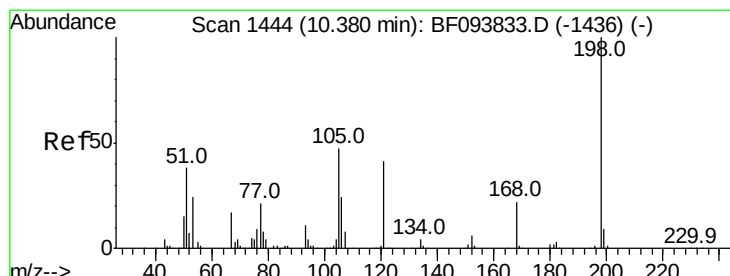
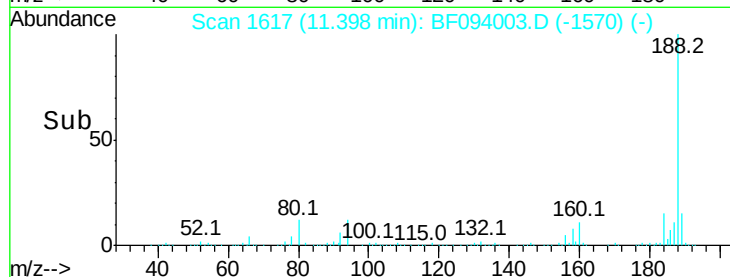
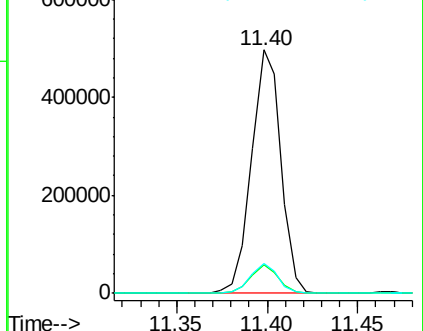
80 12.1 10.2 15.2



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



#64

4,6-Dinitro-2-methylphenol

Concen: 48.36 ng

RT: 10.33 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

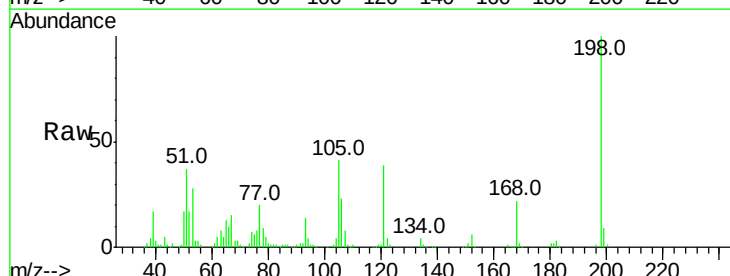
Tgt Ion:198 Resp: 165360

Ion Ratio Lower Upper

198 100

51 37.4 53.2 93.2#

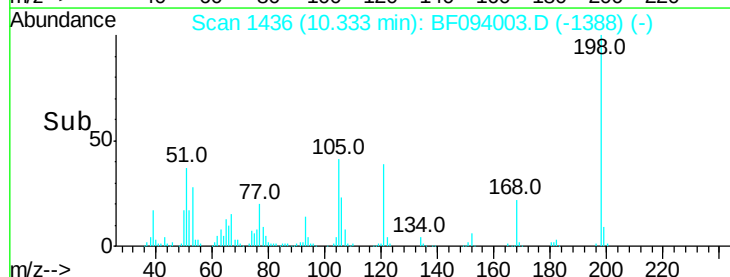
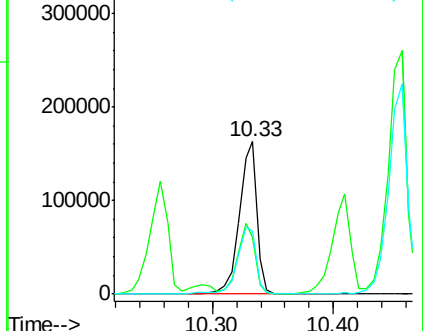
105 41.2 45.8 85.8#

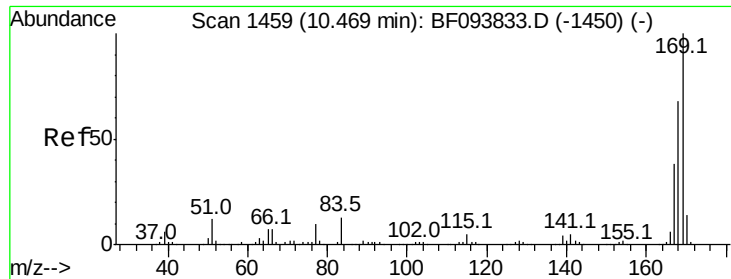


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

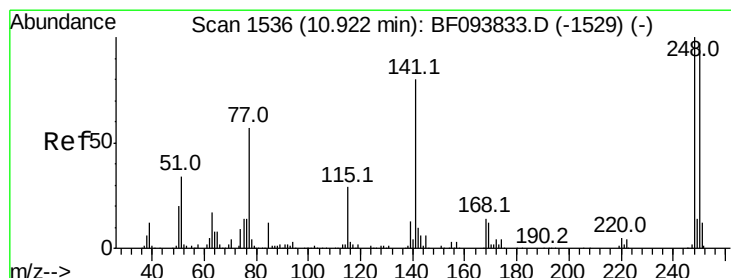
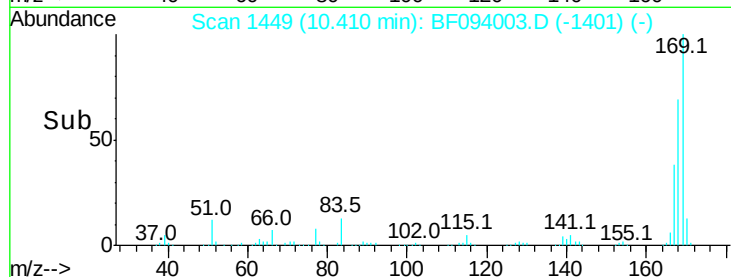
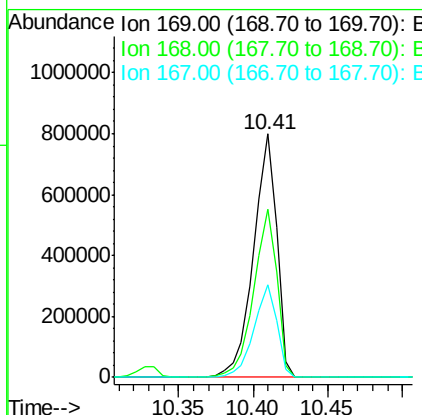
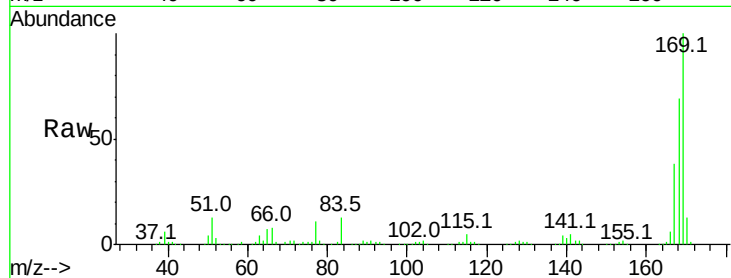




#65  
 n-Nitrosodiphenylamine  
 Concen: 44.41 ng  
 RT: 10.41 min Scan# 1449  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

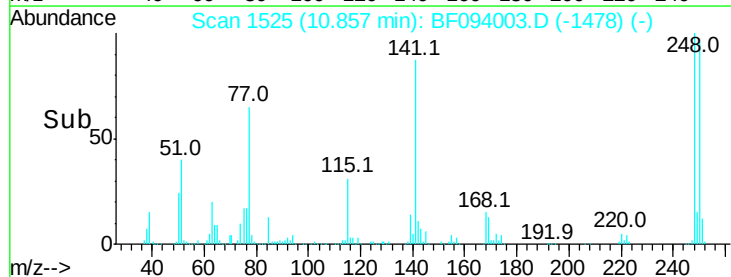
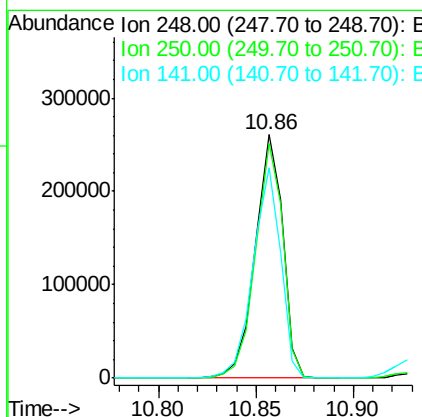
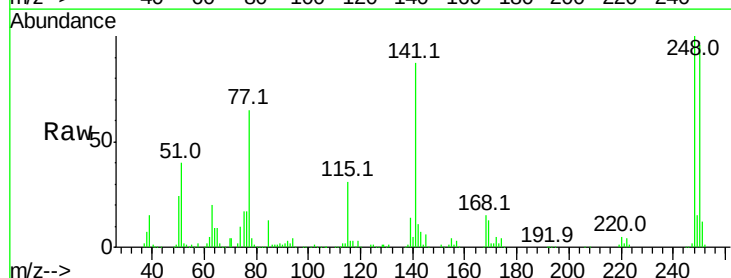
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

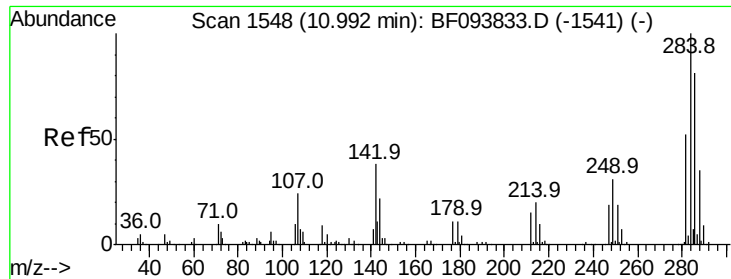
Tot Ion:169 Resp: 857492  
 Ion Ratio Lower Upper  
 169 100  
 168 69.1 53.2 79.8  
 167 38.0 29.5 44.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 46.61 ng  
 RT: 10.86 min Scan# 1525  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:248 Resp: 255938  
 Ion Ratio Lower Upper  
 248 100  
 250 96.2 76.8 115.2  
 141 86.6 68.6 103.0





#67

Hexachlorobenzene

Concen: 45.91 ng

RT: 10.93 min Scan# 1537

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

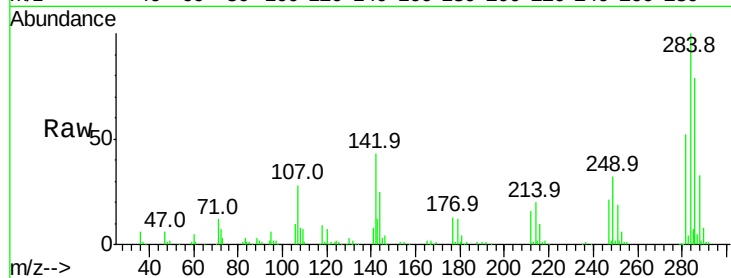
Tot Ion:284 Resp: 255198

Ion Ratio Lower Upper

284 100

142 42.9 22.8 34.2#

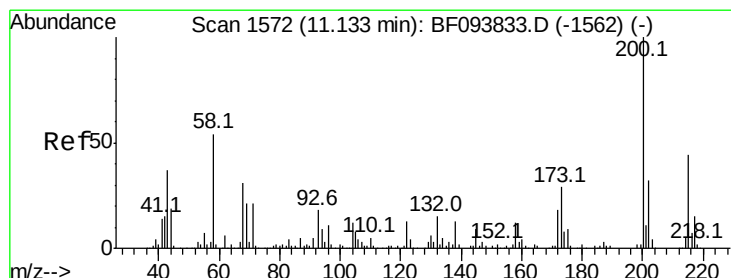
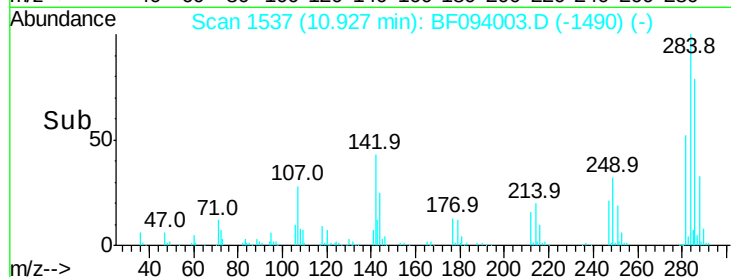
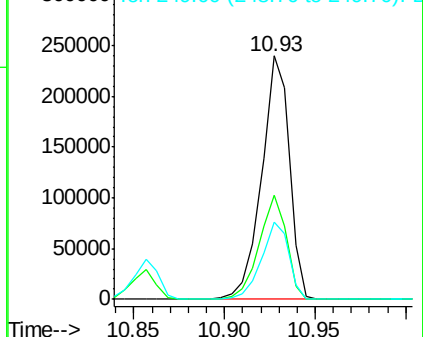
249 31.7 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 41.35 ng

RT: 11.08 min Scan# 1563

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

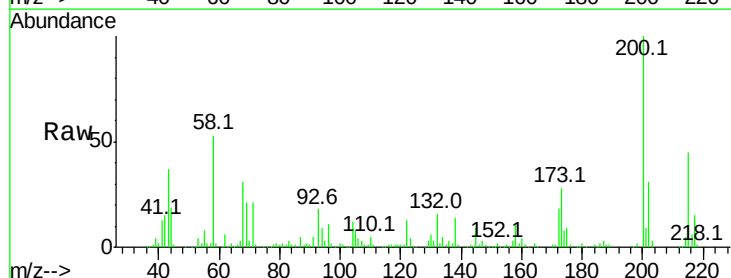
Tgt Ion:200 Resp: 239118

Ion Ratio Lower Upper

200 100

173 28.1 6.3 46.3

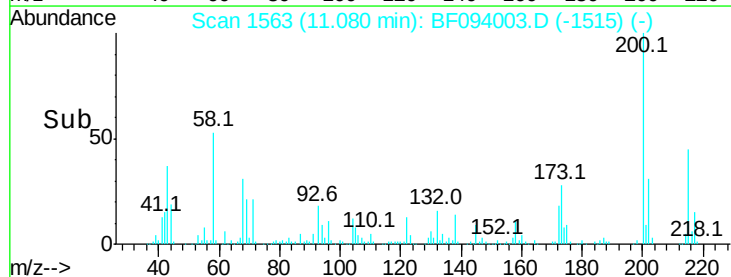
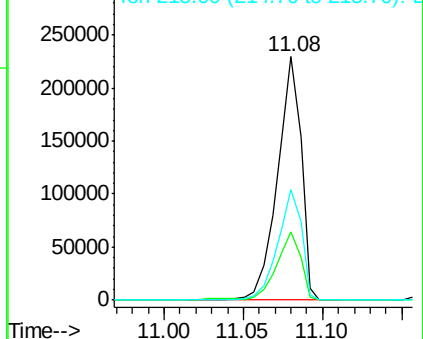
215 45.2 27.2 67.2

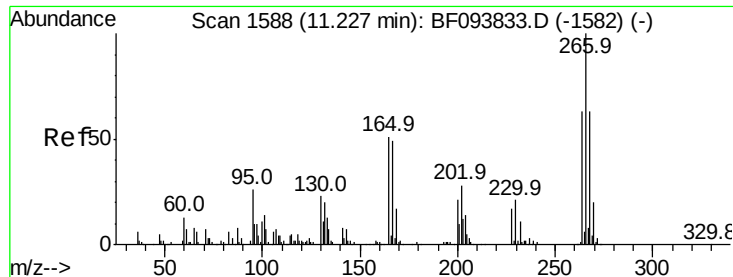


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

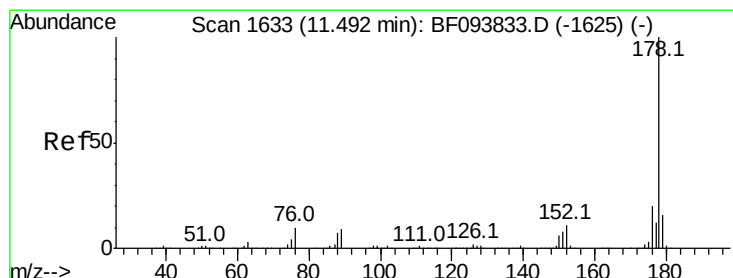
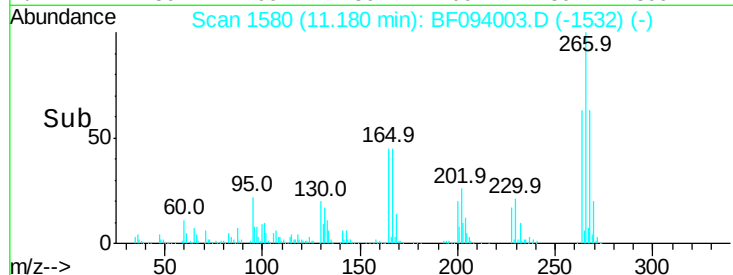
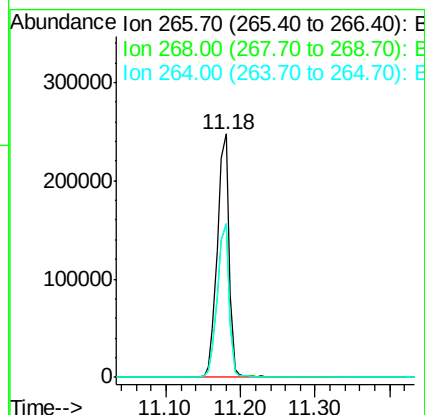
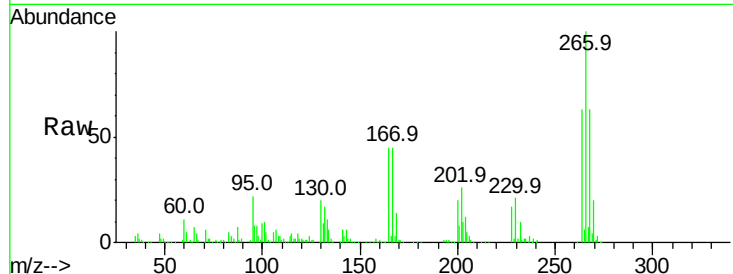




#69  
 Pentachlorophenol  
 Concen: 79.06 ng  
 RT: 11.18 min Scan# 1580  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

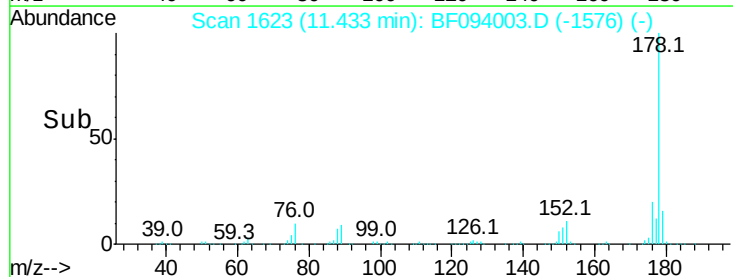
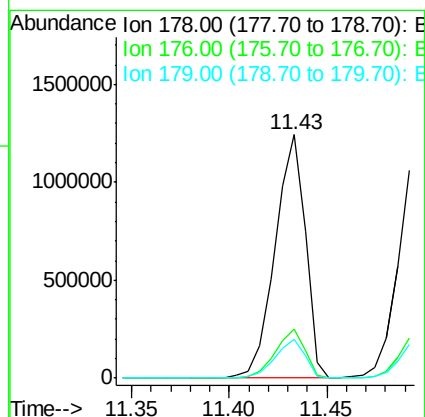
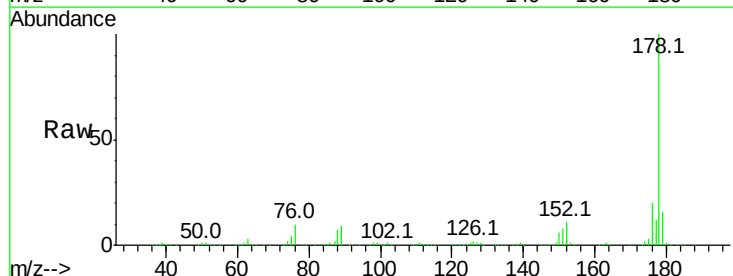
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

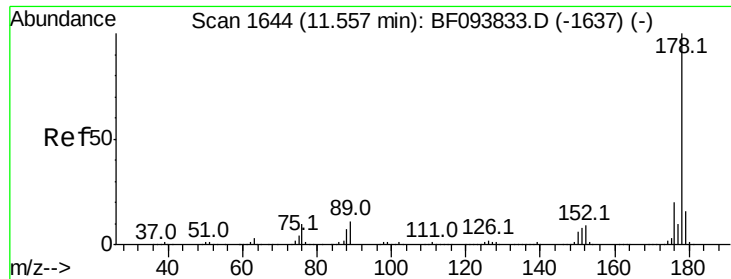
Tot Ion:266 Resp: 273562  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 51.1 76.7  
 264 63.2 51.7 77.5



#70  
 Phenanthrene  
 Concen: 42.97 ng  
 RT: 11.43 min Scan# 1623  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:178 Resp: 1334570  
 Ion Ratio Lower Upper  
 178 100  
 176 19.9 16.2 24.4  
 179 15.8 12.6 19.0

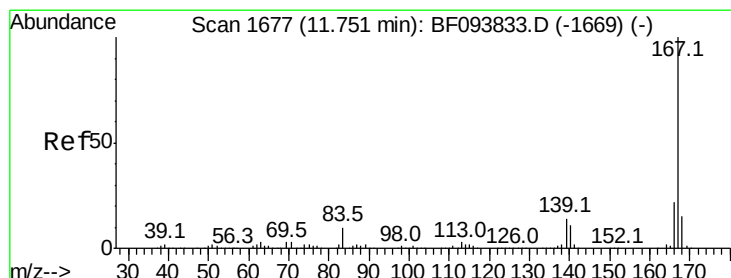
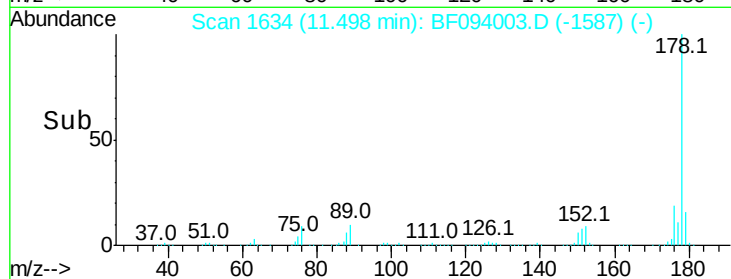
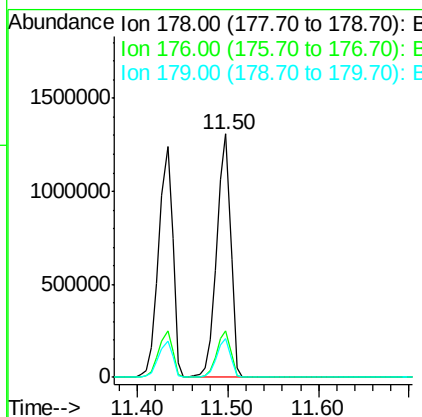
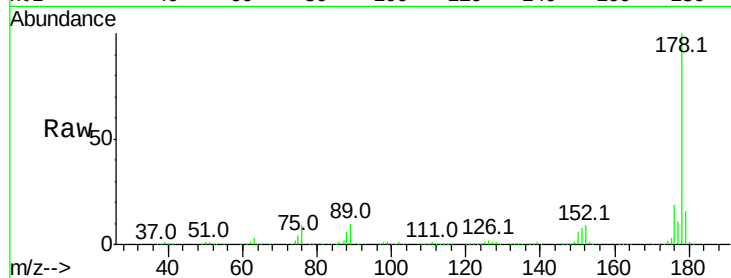




#71  
 Anthracene  
 Concen: 43.36 ng  
 RT: 11.50 min Scan# 1634  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

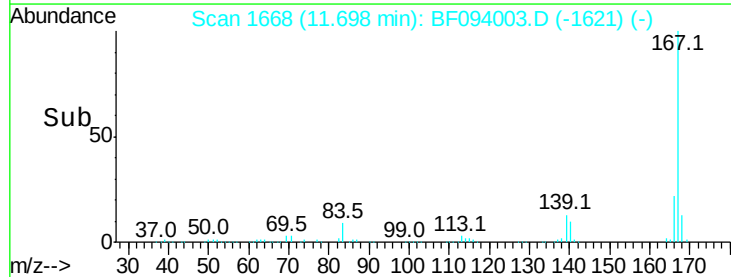
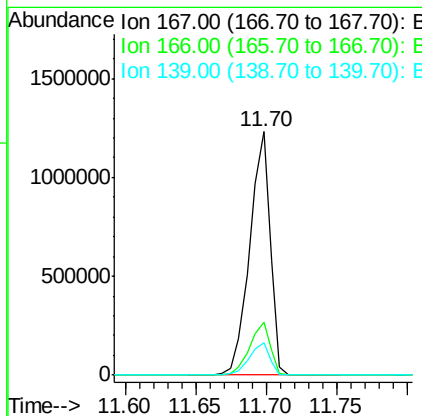
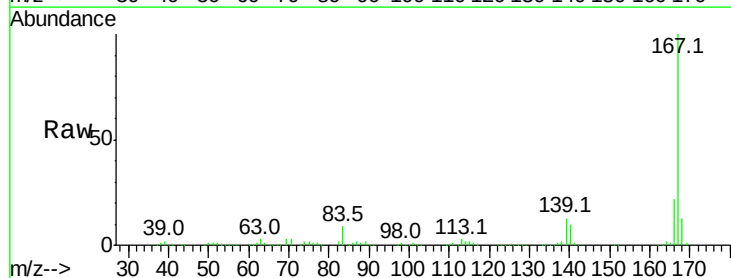
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

Tot Ion:178 Resp: 1386520  
 Ion Ratio Lower Upper  
 178 100  
 176 18.8 15.8 23.8  
 179 15.7 12.7 19.1

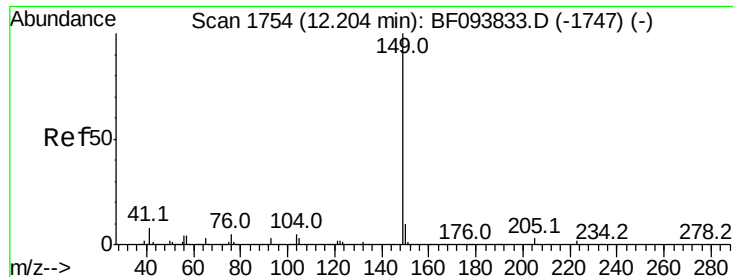


#72  
 Carbazole  
 Concen: 38.42 ng  
 RT: 11.70 min Scan# 1668  
 Delta R.T. -0.02 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:167 Resp: 1259996  
 Ion Ratio Lower Upper  
 167 100  
 166 21.9 18.1 27.1  
 139 13.5 11.7 17.5







#73

Di-n-butylphthalate

Concen: 46.94 ng

RT: 12.14 min Scan# 1744

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

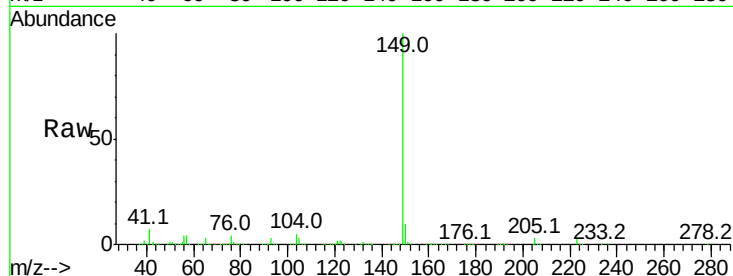
Tot Ion:149 Resp: 1600964

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

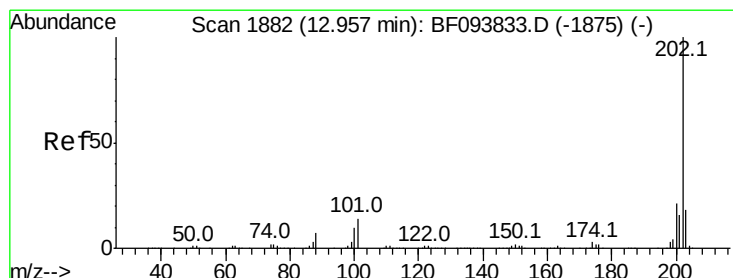
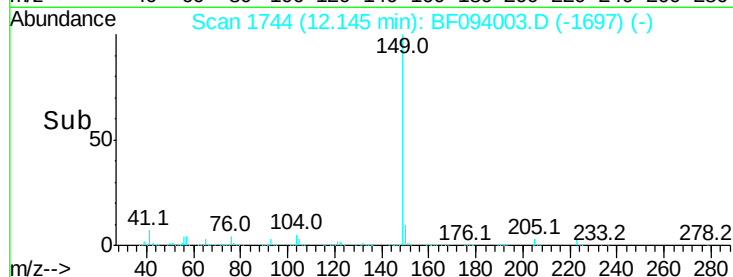
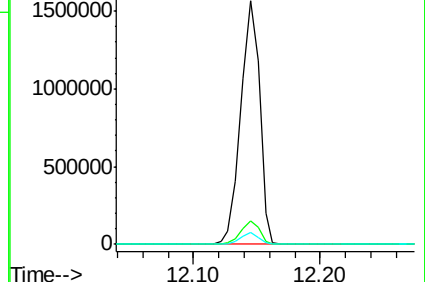
104 4.8 4.0 6.0



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: 41.65 ng

RT: 12.89 min Scan# 1871

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

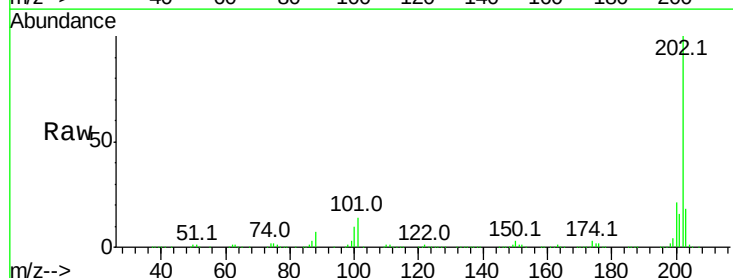
Tgt Ion:202 Resp: 1324673

Ion Ratio Lower Upper

202 100

101 14.4 0.0 33.2

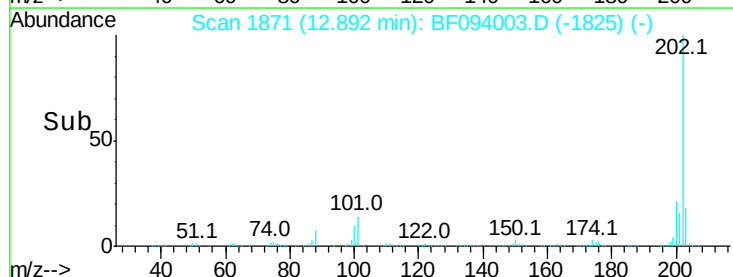
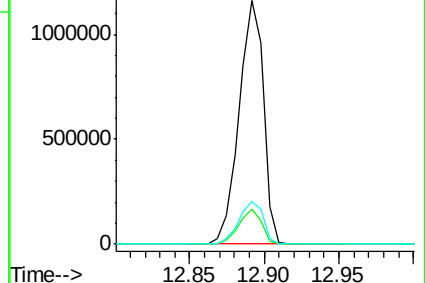
203 17.7 0.0 38.1

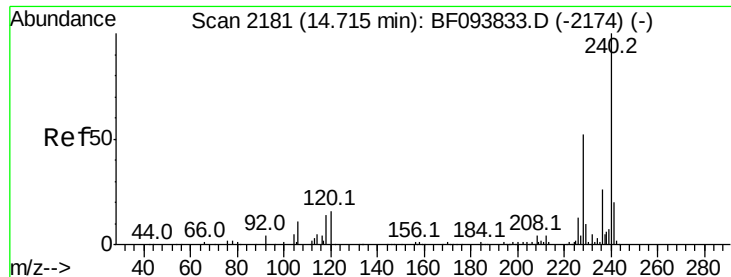


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.65 min Scan# 2170

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

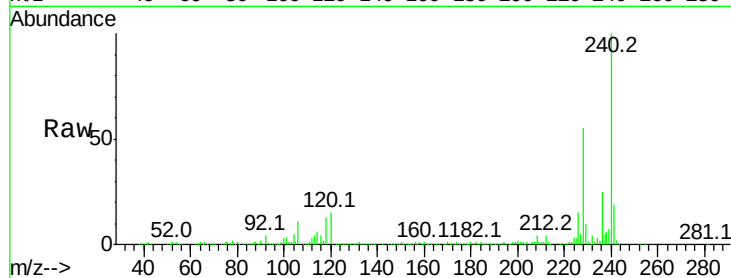
Tot Ion:240 Resp: 376487

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

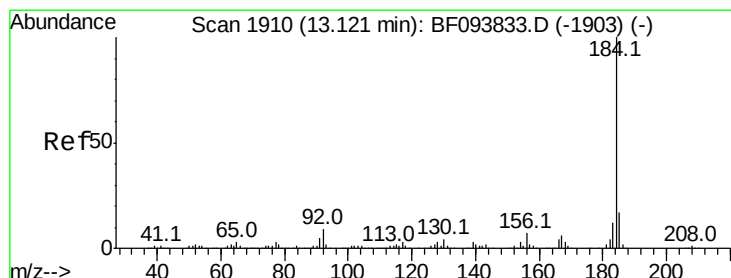
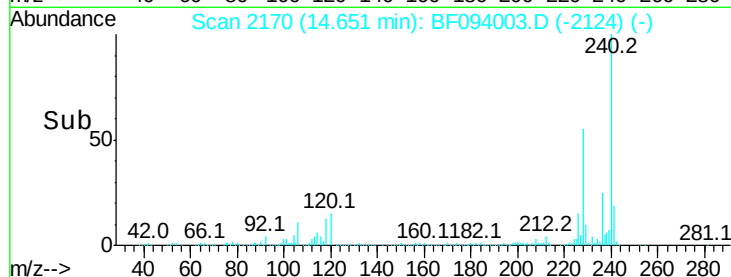
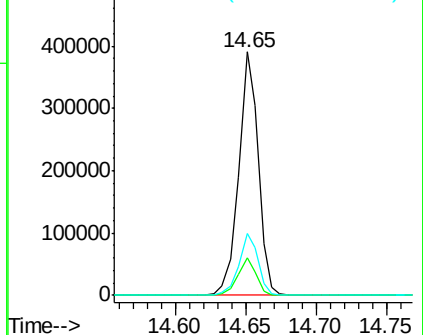
236 25.3 20.5 30.7



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: 11.51 ng

RT: 13.06 min Scan# 1899

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

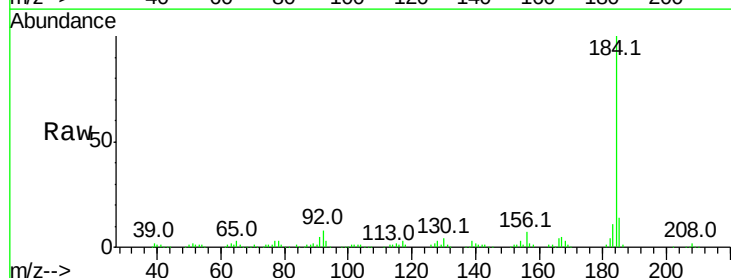
Tgt Ion:184 Resp: 171503

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

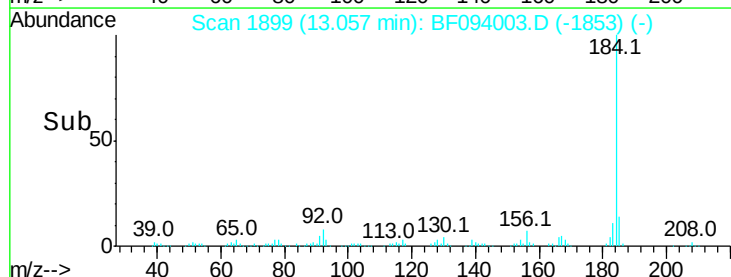
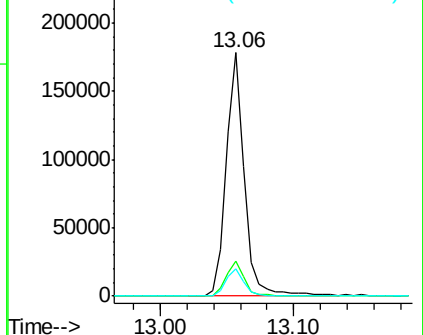
183 11.4 9.8 14.6

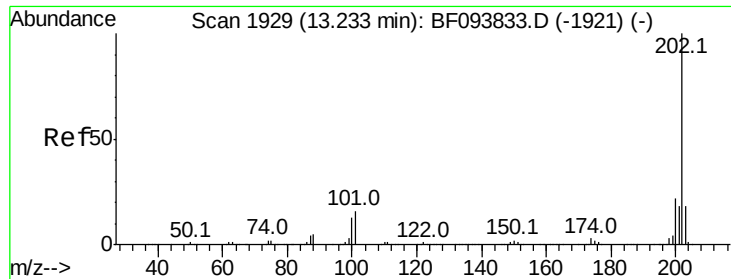


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

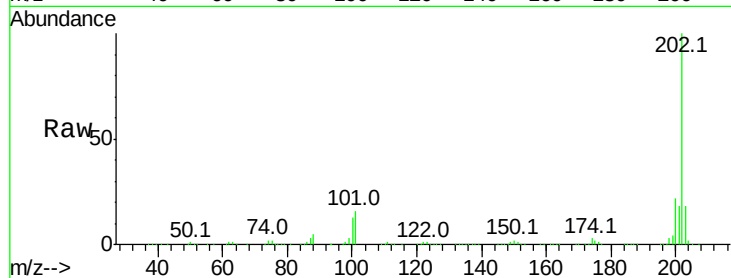




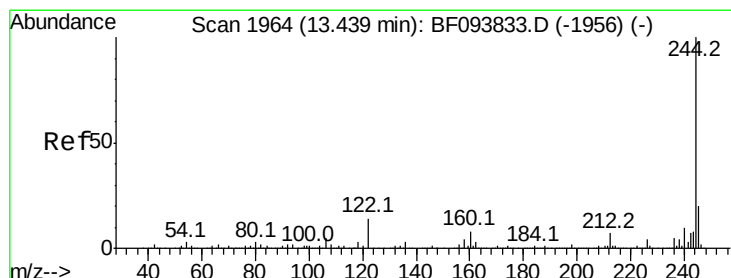
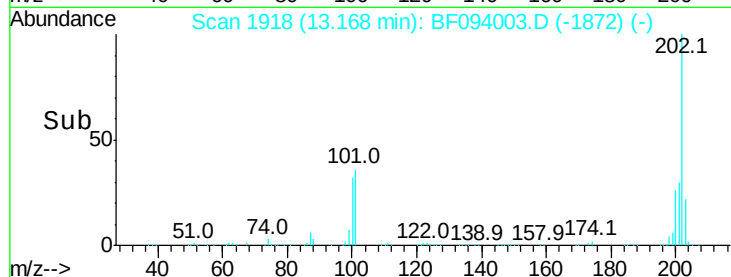
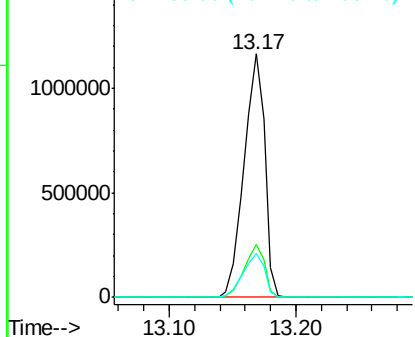
#77  
Pvrene  
Concen: 48.21 ng  
RT: 13.17 min Scan# 1918  
Delta R.T. -0.03 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

Tot Ion:202 Resp: 1317363  
Ion Ratio Lower Upper  
202 100  
200 21.8 17.6 26.4  
203 18.1 14.4 21.6

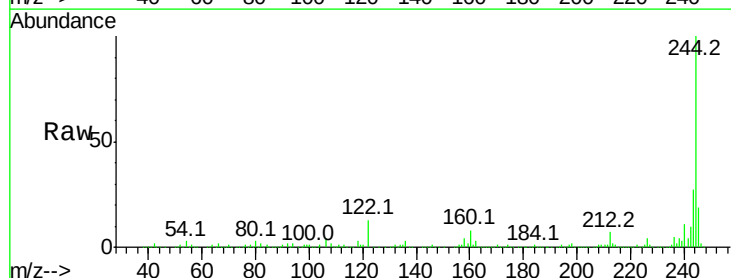


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E

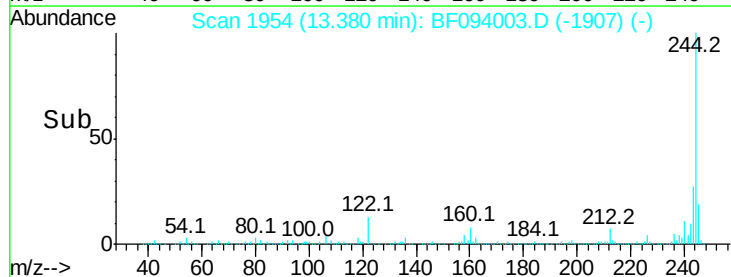
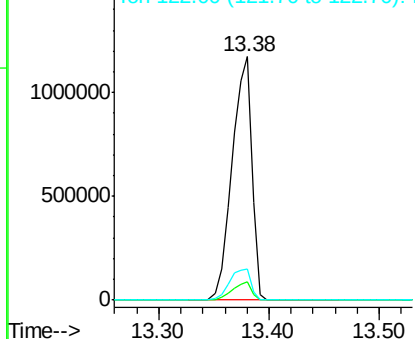


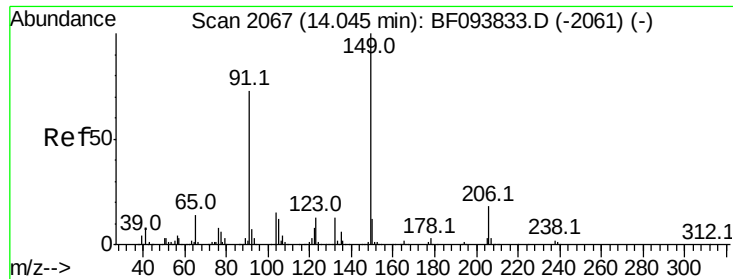
#78  
Terphenyl-d14  
Concen: 87.94 ng  
RT: 13.38 min Scan# 1954  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:244 Resp: 1477098  
Ion Ratio Lower Upper  
244 100  
212 7.3 6.0 9.0  
122 12.7 10.3 15.5



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

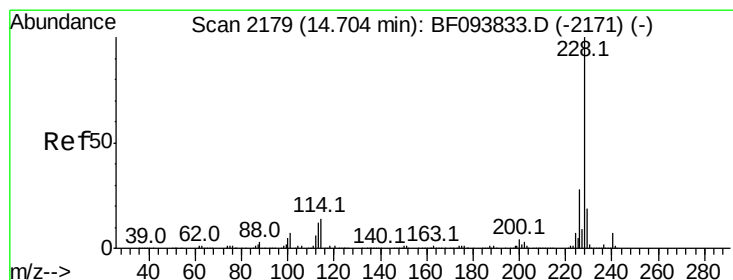
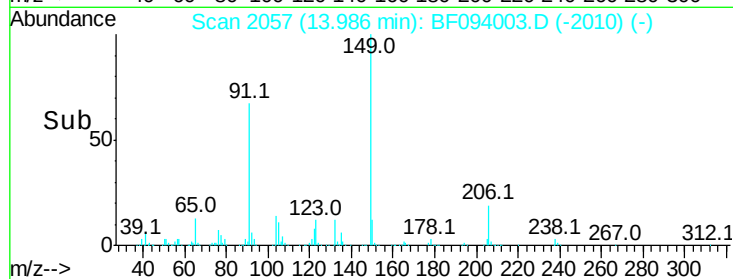
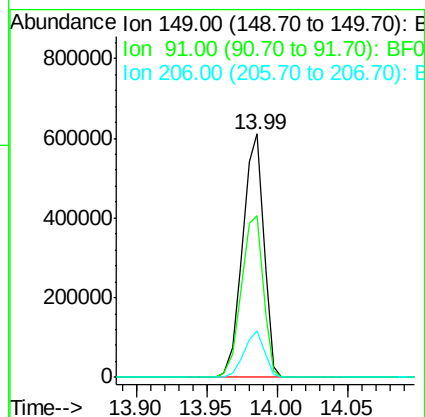
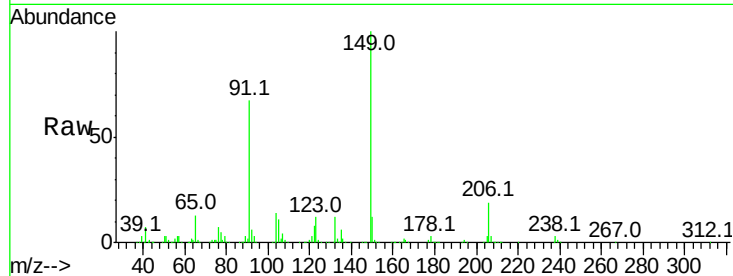




#79  
Butylbenzylphthalate  
Concen: 55.03 ng  
RT: 13.99 min Scan# 2057  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

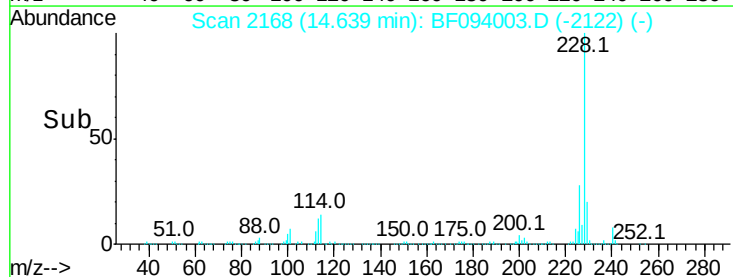
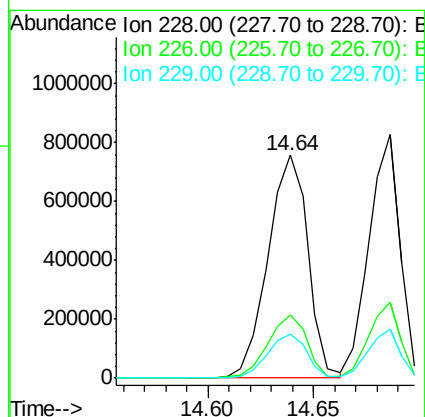
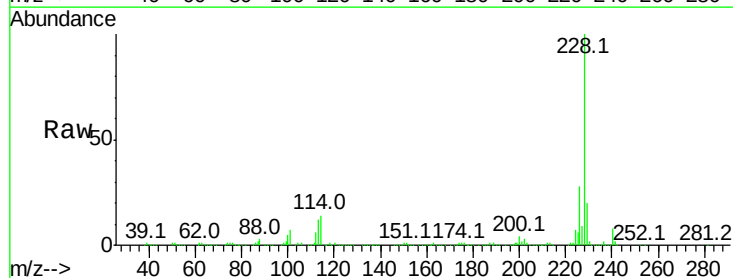
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

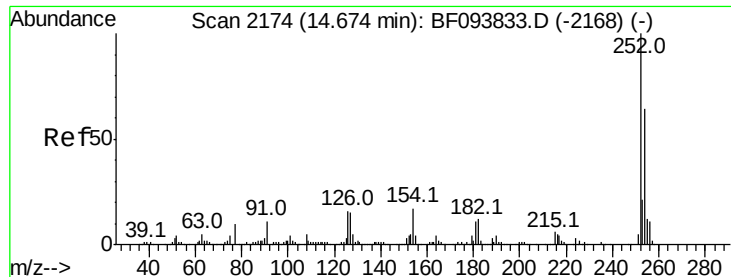
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 66.5  | 45.0  | 67.4  |
| 206     | 19.1  | 17.0  | 25.6  |



#80  
Benzo(a)anthracene  
Concen: 45.21 ng  
RT: 14.64 min Scan# 2168  
Delta R.T. -0.03 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 28.1  | 22.6  | 33.8  |
| 229     | 19.8  | 16.3  | 24.5  |

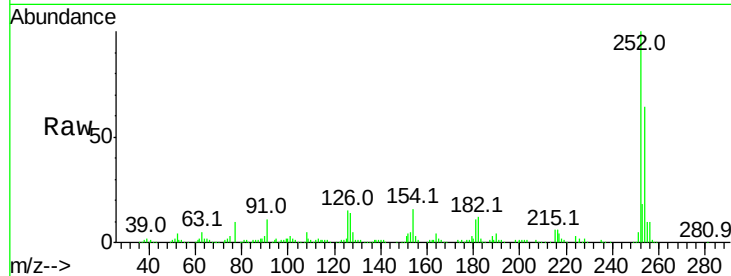




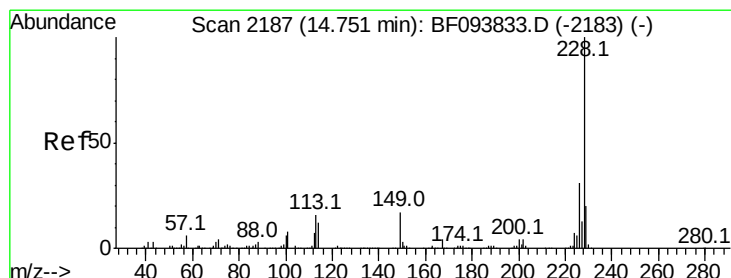
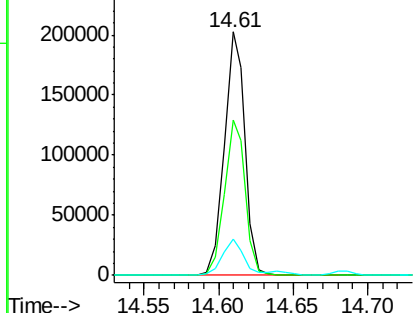
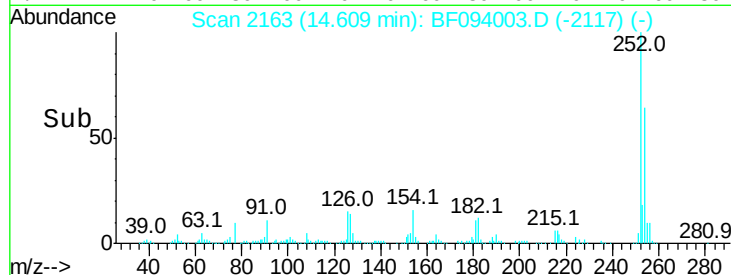
#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.24 ng  
 RT: 14.61 min Scan# 2163  
 Delta R.T. -0.03 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB97860BS

Tot Ion:252 Resp: 198092  
 Ion Ratio Lower Upper  
 252 100  
 254 63.8 51.5 77.3  
 126 15.1 15.8 23.8#

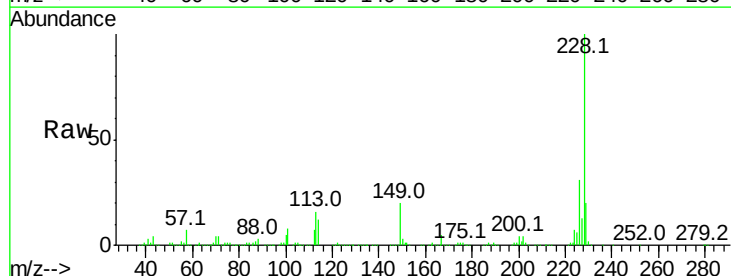


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

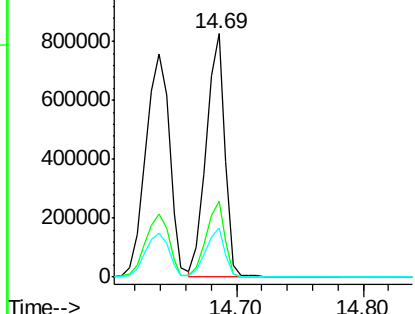
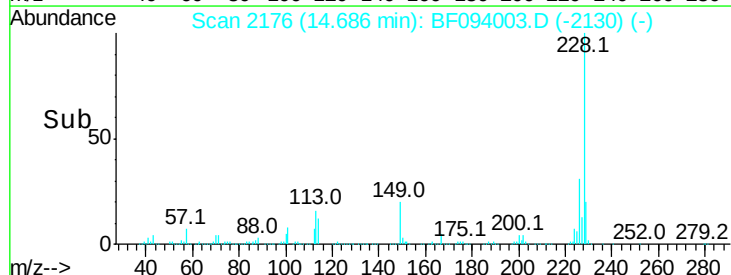


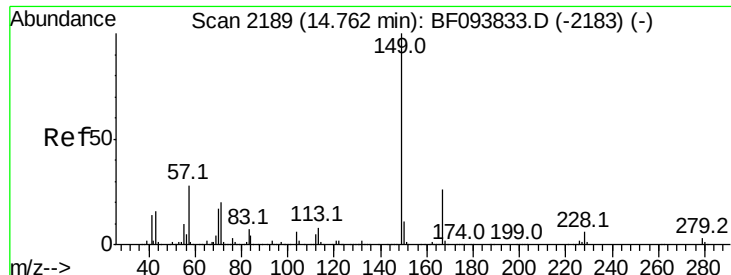
#82  
 Chrysene  
 Concen: 41.99 ng  
 RT: 14.69 min Scan# 2176  
 Delta R.T. -0.03 min  
 Lab File: BF094003.D  
 Acq: 28 Mar 2017 20:08

Tgt Ion:228 Resp: 855511  
 Ion Ratio Lower Upper  
 228 100  
 226 31.0 24.9 37.3  
 229 20.0 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





#83

Bis(2-ethylhexyl)phthalate

Concen: 54.89 ng

RT: 14.70 min Scan# 2178

Delta R.T. -0.02 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

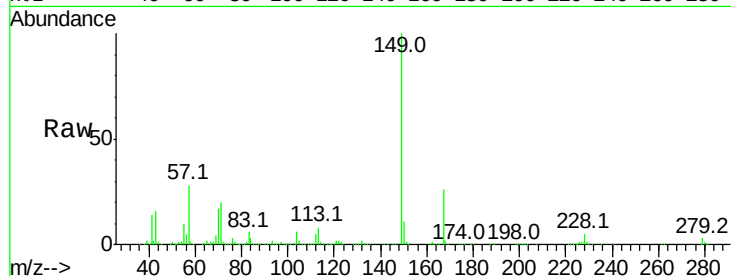
Tot Ion:149 Resp: 871790

Ion Ratio Lower Upper

149 100

167 26.2 21.0 31.4

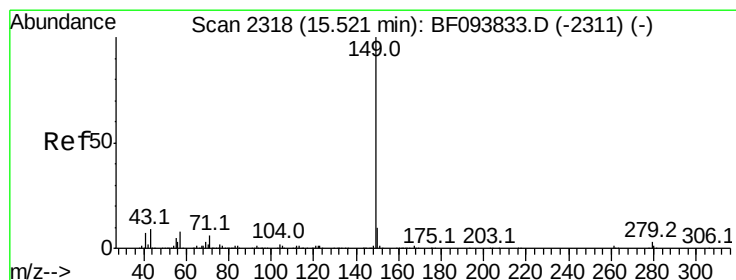
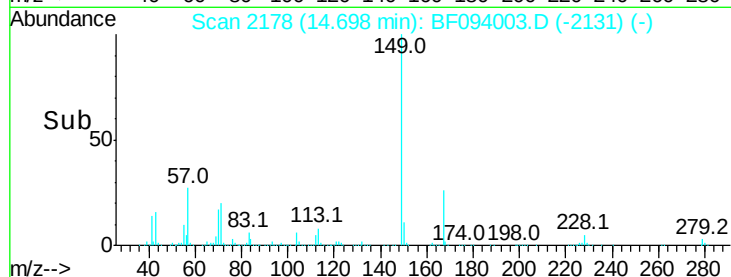
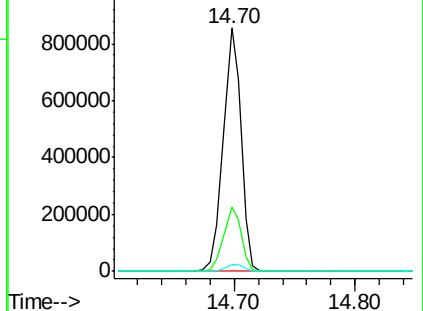
279 3.0 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.45 ng

RT: 15.45 min Scan# 2306

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

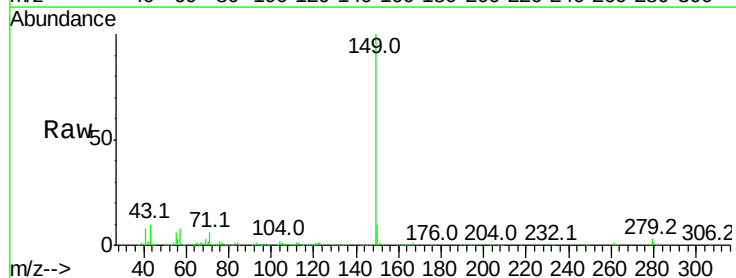
Tgt Ion:149 Resp: 1418230

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

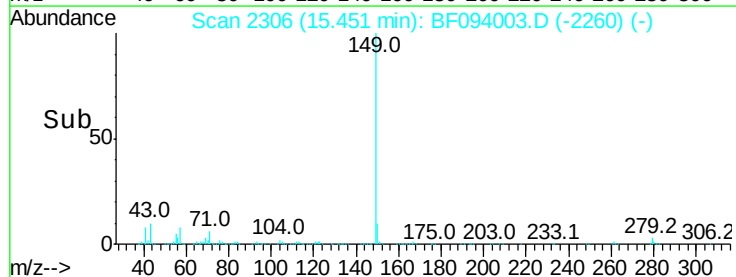
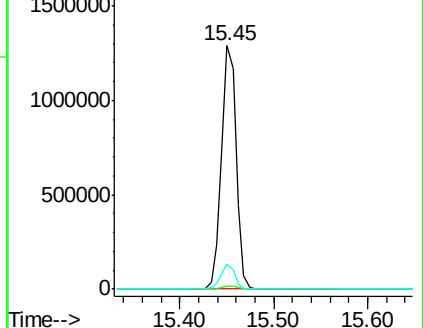
43 9.5 8.5 12.7

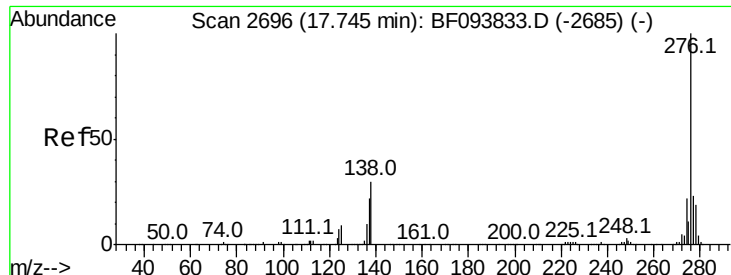


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

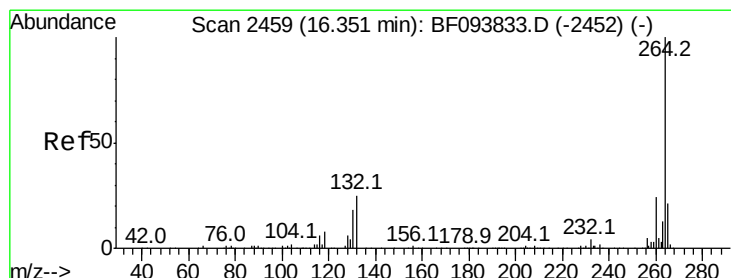
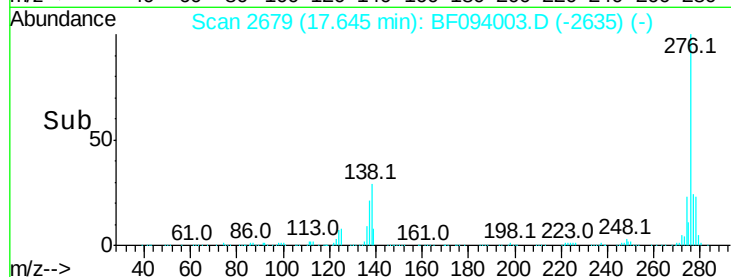
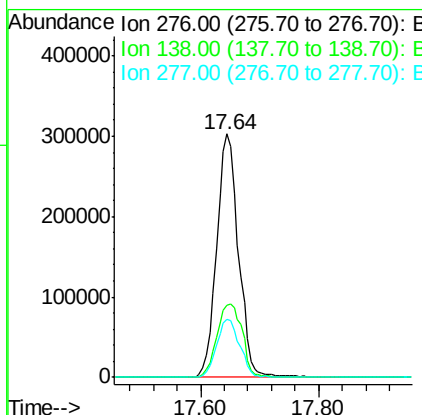
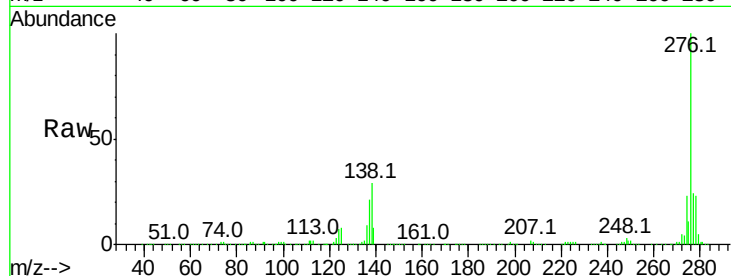




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 44.00 ng  
RT: 17.64 min Scan# 2679  
Delta R.T. -0.04 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

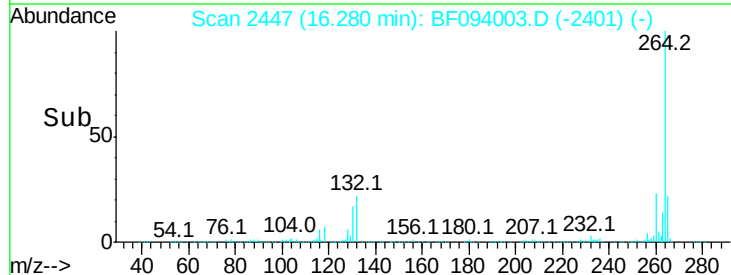
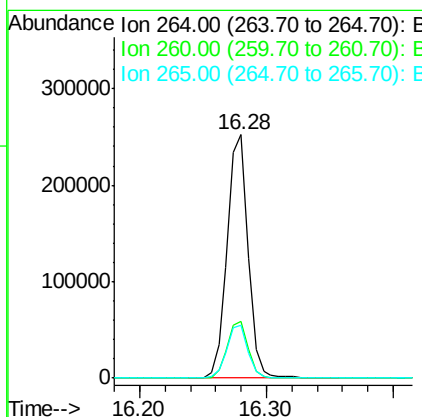
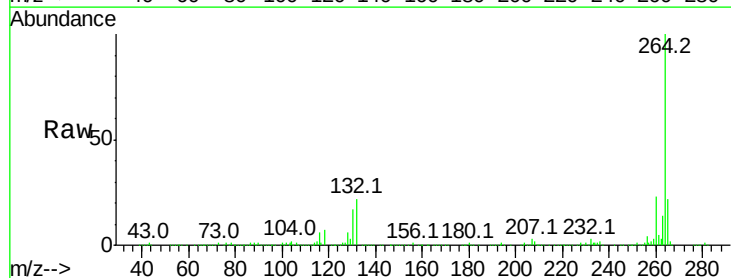
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

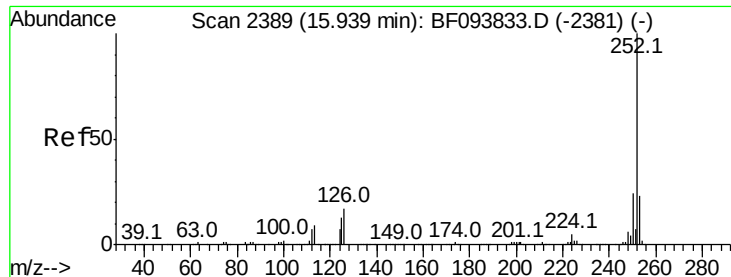
Tot Ion:276 Resp: 776372  
Ion Ratio Lower Upper  
276 100  
138 34.8 27.8 41.6  
277 25.3 20.2 30.4



#86  
Perylene-d12  
Concen: 20.00 ng  
RT: 16.28 min Scan# 2447  
Delta R.T. -0.03 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:264 Resp: 287141  
Ion Ratio Lower Upper  
264 100  
260 23.3 19.5 29.3  
265 21.9 17.2 25.8

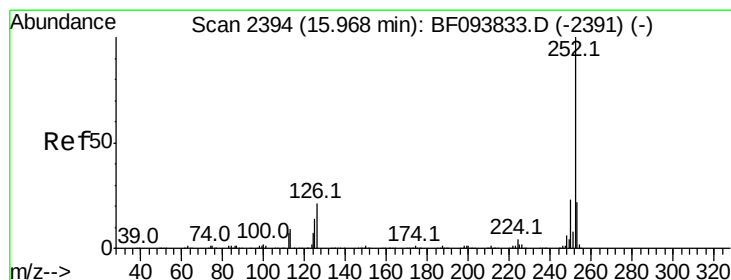
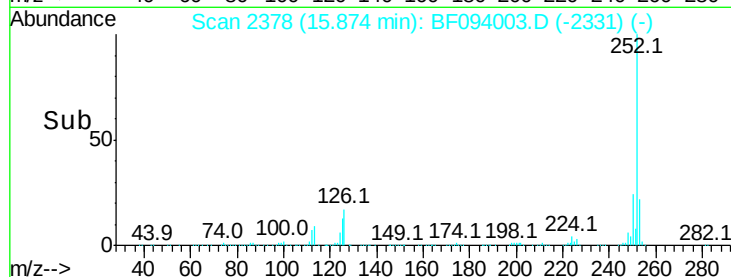
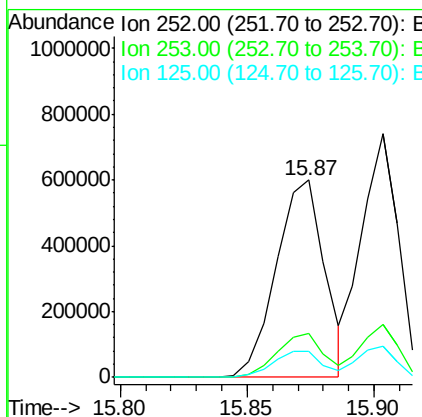
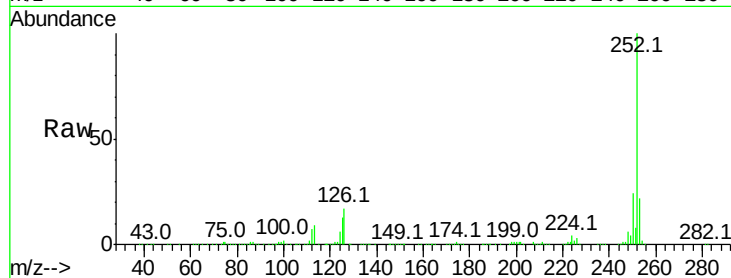




#87  
Benzo(b)fluoranthene  
Concen: 45.25 ng  
RT: 15.87 min Scan# 2378  
Delta R.T. -0.02 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

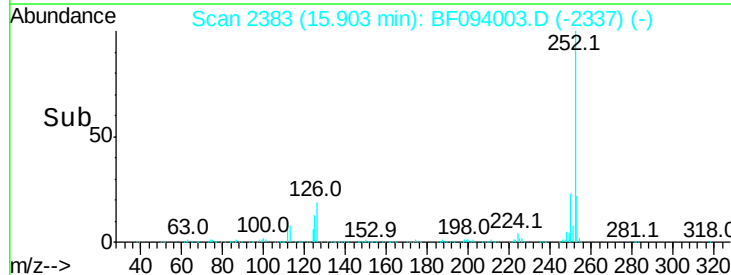
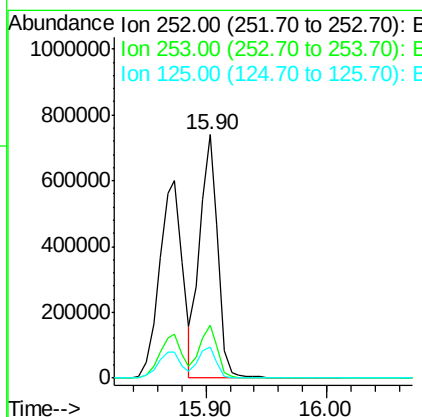
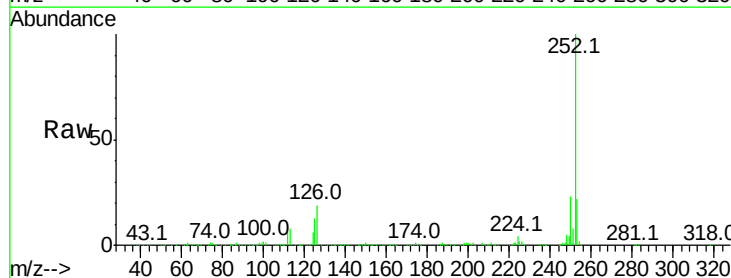
Instrument :  
BNA\_F  
ClientSampleId :  
PB97860BS

Tot Ion:252 Resp: 796344  
Ion Ratio Lower Upper  
252 100  
253 22.0 18.1 27.1  
125 13.1 9.8 14.8

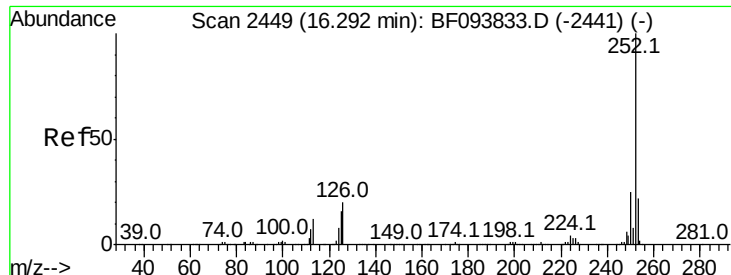


#88  
Benzo(k)fluoranthene  
Concen: 44.23 ng  
RT: 15.90 min Scan# 2383  
Delta R.T. -0.03 min  
Lab File: BF094003.D  
Acq: 28 Mar 2017 20:08

Tgt Ion:252 Resp: 761719  
Ion Ratio Lower Upper  
252 100  
253 21.9 18.4 27.6  
125 12.9 13.1 19.7#







#89

Benzo(a)pyrene

Concen: 46.03 ng

RT: 16.22 min Scan# 2437

Delta R.T. -0.03 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

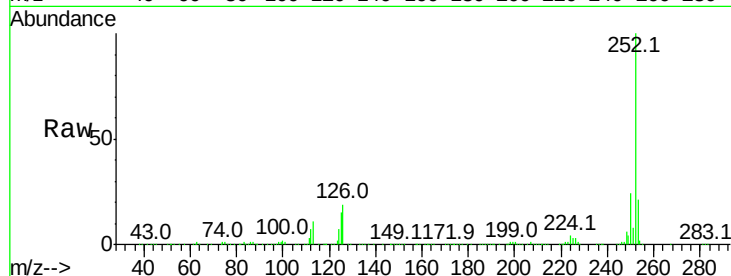
Tot Ion:252 Resp: 746061

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

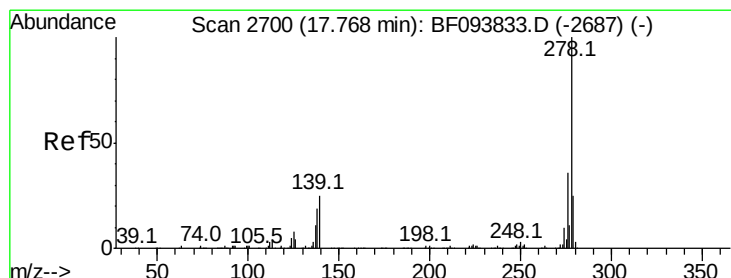
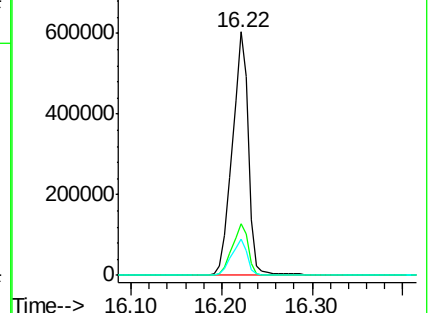
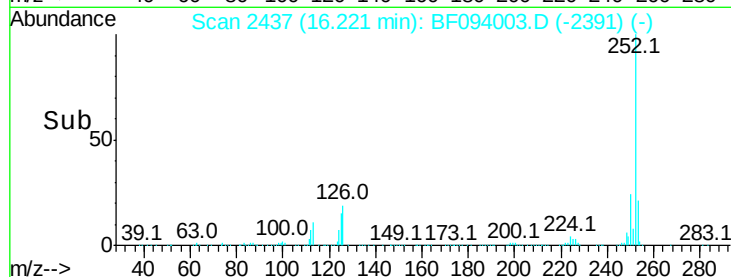
125 14.7 11.0 16.4



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: 47.22 ng

RT: 17.67 min Scan# 2683

Delta R.T. -0.04 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

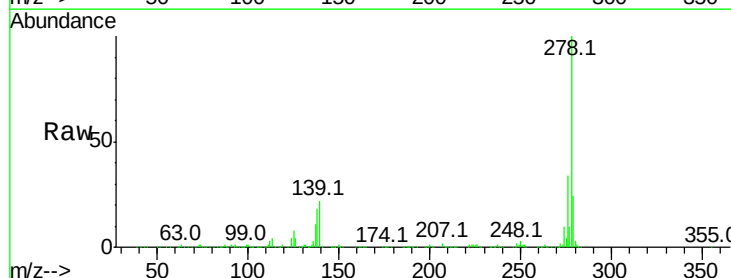
Tgt Ion:278 Resp: 648109

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

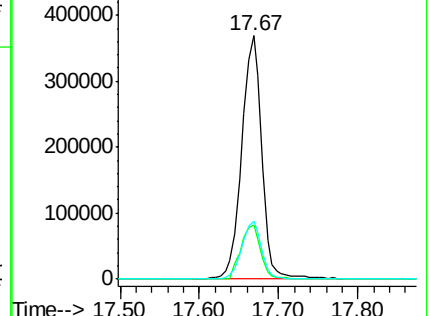
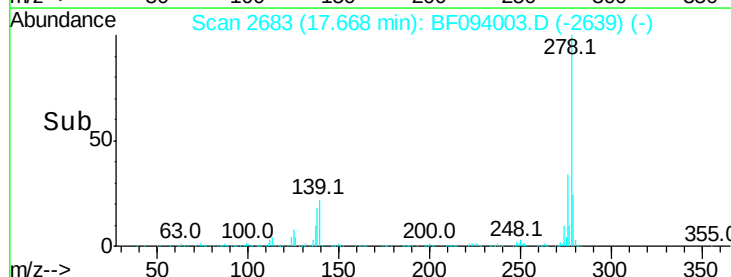
279 23.8 19.3 28.9

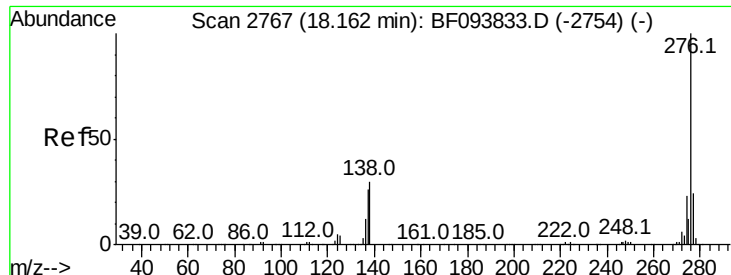


Abundance Ion 278.00 (277.70 to 278.70): E

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: 45.00 ng

RT: 18.05 min Scan# 2748

Delta R.T. -0.05 min

Lab File: BF094003.D

Acq: 28 Mar 2017 20:08

Instrument :

BNA\_F

ClientSampleId :

PB97860BS

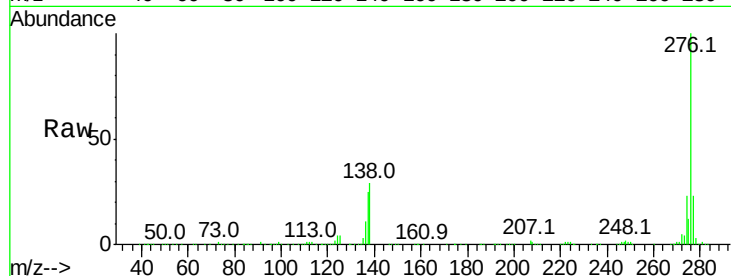
Tot Ion:276 Resp: 622511

Ion Ratio Lower Upper

276 100

277 23.4 18.6 28.0

138 28.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

