

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\  
 Data File : BF084075.D  
 Acq On : 24 Dec 2015 13:10  
 Operator : UM/SJ  
 Sample : SSTDICC02.5  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Quant Time: Dec 24 15:09:48 2015  
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Dec 24 15:05:54 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 6.80  | 152  | 44436    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.09  | 136  | 167670   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 9.84  | 164  | 87088    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 11.32 | 188  | 150991   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 13.95 | 240  | 120886   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 15.38 | 264  | 83486    | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |       |      |    |      |
|--------------------------|-------|-----|-------|------|----|------|
| 5) 2-Fluorophenol        | 5.42  | 112 | 13274 | 5.09 | ng | 0.01 |
| 7) Phenol-d6             | 6.45  | 99  | 18729 | 6.11 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 7.37  | 82  | 14613 | 5.35 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 10.62 | 330 | 4695  | 5.60 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 9.16  | 172 | 35332 | 5.46 | ng | 0.00 |
| 78) Terphenyl-d14        | 12.90 | 244 | 40012 | 7.89 | ng | 0.00 |

## Target Compounds

|                                |      |     |       |      |    | Qvalue |
|--------------------------------|------|-----|-------|------|----|--------|
| 2) 1,4-Dioxane                 | 2.36 | 88  | 2373  | 1.91 | ng | 97     |
| 3) Pyridine                    | 3.18 | 79  | 5128  | 1.82 | ng | # 82   |
| 4) n-Nitrosodimethylamine      | 3.06 | 42  | 1703  | 1.62 | ng | # 90   |
| 6) Aniline                     | 6.46 | 93  | 10165 | 2.40 | ng | # 78   |
| 8) 2-Chlorophenol              | 6.59 | 128 | 8932  | 2.98 | ng | 97     |
| 9) Benzaldehyde                | 6.35 | 77  | 4853  | 2.37 | ng | 89     |
| 10) Phenol                     | 6.46 | 94  | 10436 | 2.94 | ng | # 55   |
| 11) bis(2-Chloroethyl)ether    | 6.53 | 93  | 7040  | 2.60 | ng | 93     |
| 12) 1,3-Dichlorobenzene        | 6.74 | 146 | 9906  | 2.97 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 6.82 | 146 | 9240  | 2.84 | ng | 93     |
| 14) 1,2-Dichlorobenzene        | 6.97 | 146 | 9228  | 2.96 | ng | 97     |
| 15) Benzyl Alcohol             | 6.96 | 79  | 5961  | 2.47 | ng | 91     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.08 | 45  | 7598  | 2.91 | ng | # 56   |
| 17) 2-Methylphenol             | 7.07 | 107 | 7021  | 2.94 | ng | # 90   |
| 18) Hexachloroethane           | 7.31 | 117 | 3352  | 2.81 | ng | 90     |
| 19) n-Nitroso-di-n-propylamine | 7.21 | 70  | 5452  | 2.94 | ng | # 84   |
| 20) 3+4-Methylphenols          | 7.23 | 107 | 9210  | 3.12 | ng | # 52   |
| 22) Acetophenone               | 7.21 | 105 | 11750 | 2.99 | ng | # 94   |
| 24) Nitrobenzene               | 7.38 | 77  | 8525  | 3.03 | ng | 90     |
| 25) Isophorone                 | 7.62 | 82  | 14998 | 2.90 | ng | 99     |
| 26) 2-Nitrophenol              | 7.71 | 139 | 3356  | 2.22 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 7.76 | 122 | 6862  | 2.60 | ng | 91     |
| 28) bis(2-Chloroethoxy)methane | 7.84 | 93  | 9264  | 2.89 | ng | 96     |
| 29) 2,4-Dichlorophenol         | 7.96 | 162 | 6494  | 2.75 | ng | 100    |
| 30) 1,2,4-Trichlorobenzene     | 8.03 | 180 | 7557  | 3.07 | ng | 93     |
| 31) Naphthalene                | 8.11 | 128 | 25726 | 3.00 | ng | 97     |
| 32) Benzoic acid               | 7.86 | 122 | 813   | 0.73 | ng | 90     |
| 33) 4-Chloroaniline            | 8.17 | 127 | 9174  | 2.62 | ng | # 88   |
| 34) Hexachlorobutadiene        | 8.22 | 225 | 4451  | 3.03 | ng | 99     |
| 35) Caprolactam                | 8.50 | 113 | 1498  | 2.11 | ng | # 82   |
| 36) 4-Chloro-3-methylphenol    | 8.66 | 107 | 6698  | 2.66 | ng | 99     |
| 37) 2-Methylnaphthalene        | 8.90 | 142 | 16144 | 2.91 | ng | 92     |
| 39) 1,2,4,5-Tetrachlorobenzene | 8.97 | 216 | 7840  | 2.99 | ng | 98     |
| 42) 2,4,6-Trichlorophenol      | 9.08 | 196 | 4267  | 2.71 | ng | 95     |

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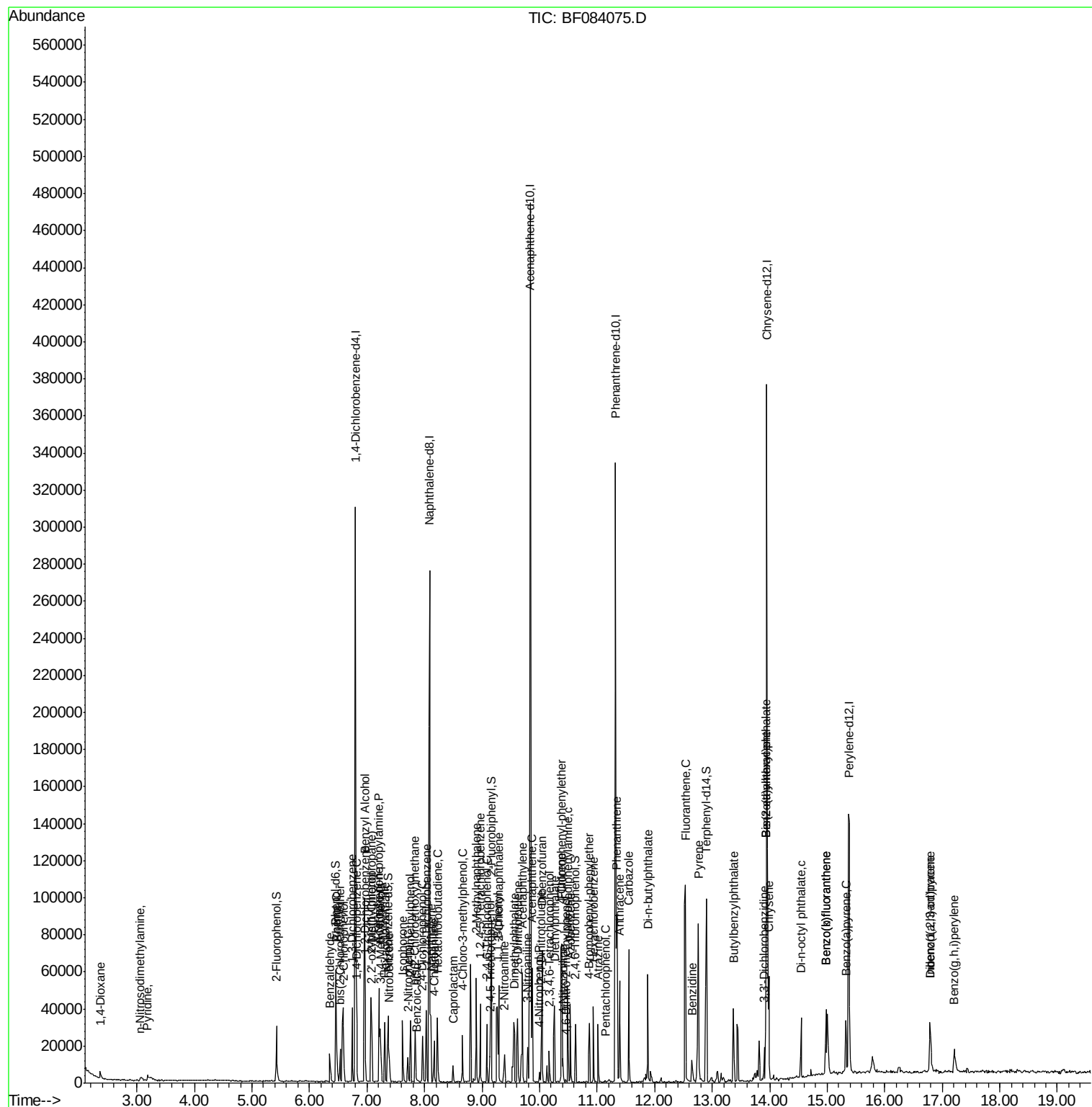
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 9.14  | 196  | 3994     | 2.43 | nq    | 97       |
| 45) 1,1'-Biphenyl              | 9.26  | 154  | 21383    | 2.78 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 9.29  | 162  | 16387    | 2.96 | nq    | 91       |
| 47) 2-Nitroaniline             | 9.39  | 65   | 3310     | 2.19 | nq    | # 50     |
| 48) Acenaphthylene             | 9.70  | 152  | 27368    | 3.12 | nq    | 99       |
| 49) Dimethylphthalate          | 9.56  | 163  | 19242    | 2.82 | nq    | # 90     |
| 50) 2,6-Dinitrotoluene         | 9.62  | 165  | 3837     | 2.67 | nq    | # 59     |
| 51) Acenaphthene               | 9.87  | 154  | 16185    | 3.10 | nq    | 98       |
| 52) 3-Nitroaniline             | 9.79  | 138  | 4105     | 2.69 | nq    | 98       |
| 54) Dibenzofuran               | 10.04 | 168  | 23440    | 3.00 | nq    | 92       |
| 55) 4-Nitrophenol              | 10.00 | 139  | 1321     | 1.47 | nq    | 88       |
| 56) 2,4-Dinitrotoluene         | 10.03 | 165  | 5037     | 2.79 | nq    | # 71     |
| 57) Fluorene                   | 10.38 | 166  | 19980    | 3.23 | nq    | 96       |
| 58) 2,3,4,6-Tetrachlorophenol  | 10.17 | 232  | 2829     | 2.19 | nq    | # 98     |
| 59) Diethylphthalate           | 10.26 | 149  | 21160    | 3.16 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 10.37 | 204  | 9095     | 3.21 | nq    | 90       |
| 61) 4-Nitroaniline             | 10.41 | 138  | 3126     | 2.00 | nq    | 86       |
| 62) Azobenzene                 | 10.53 | 77   | 15147    | 2.56 | nq    | 94       |
| 64) 4,6-Dinitro-2-methylphenol | 10.45 | 198  | 472      | 0.53 | nq    | # 70     |
| 65) n-Nitrosodiphenylamine     | 10.49 | 169  | 15039    | 2.70 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 10.86 | 248  | 5094     | 2.94 | nq    | # 90     |
| 67) Hexachlorobenzene          | 10.93 | 284  | 5170     | 2.74 | nq    | # 81     |
| 68) Atrazine                   | 11.01 | 200  | 4148     | 2.46 | nq    | 98       |
| 69) Pentachlorophenol          | 11.14 | 266  | 276      | 0.47 | nq    | # 41     |
| 70) Phenanthrene               | 11.34 | 178  | 52826    | 6.19 | nq    | 98       |
| 71) Anthracene                 | 11.39 | 178  | 29162    | 3.36 | nq    | 99       |
| 72) Carbazole                  | 11.55 | 167  | 29066    | 3.59 | nq    | 98       |
| 73) Di-n-butylphthalate        | 11.88 | 149  | 31917    | 3.17 | nq    | # 98     |
| 74) Fluoranthene               | 12.53 | 202  | 73647    | 8.70 | nq    | 95       |
| 76) Benzidine                  | 12.65 | 184  | 7038     | 1.63 | nq    | # 94     |
| 77) Pyrene                     | 12.76 | 202  | 63105    | 7.69 | nq    | 99       |
| 79) Butylbenzylphthalate       | 13.37 | 149  | 10769    | 2.85 | nq    | 93       |
| 80) Benzo(a)anthracene         | 13.94 | 228  | 32596    | 4.68 | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 13.91 | 252  | 4972     | 1.90 | nq    | # 99     |
| 82) Chrysene                   | 13.99 | 228  | 29632    | 4.58 | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 13.94 | 149  | 14266    | 2.73 | nq    | # 92     |
| 84) Di-n-octyl phthalate       | 14.55 | 149  | 18686    | 2.32 | nq    | # 96     |
| 85) Indeno(1,2,3-cd)pyrene     | 16.79 | 276  | 16010    | 2.99 | nq    | 95       |
| 87) Benzo(b)fluoranthene       | 14.98 | 252  | 36324    | 6.90 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 14.98 | 252  | 36324    | 7.26 | nq    | 96       |
| 89) Benzo(a)pyrene             | 15.32 | 252  | 16226    | 3.33 | nq    | # 93     |
| 90) Dibenzo(a,h)anthracene     | 16.79 | 278  | 12838    | 3.18 | nq    | 95       |
| 91) Benzo(g,h,i)perylene       | 17.21 | 276  | 13330    | 3.26 | nq    | 98       |

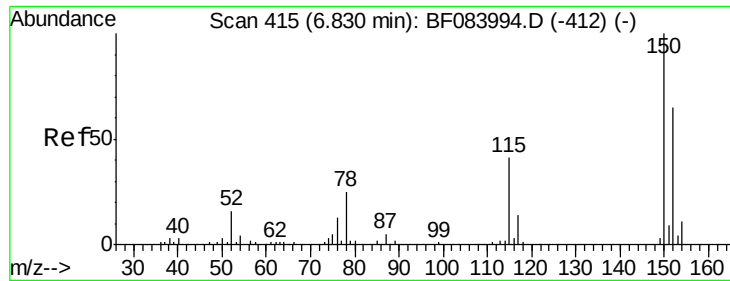
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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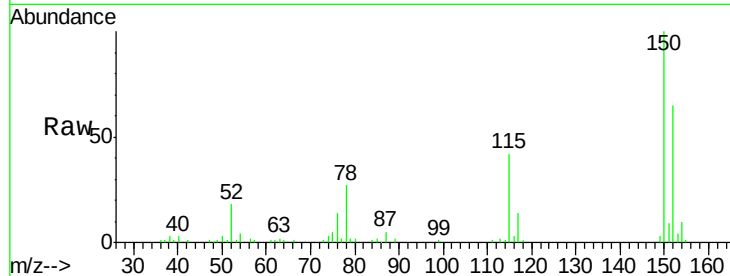


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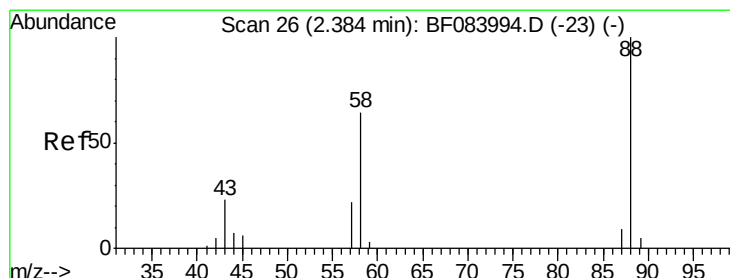
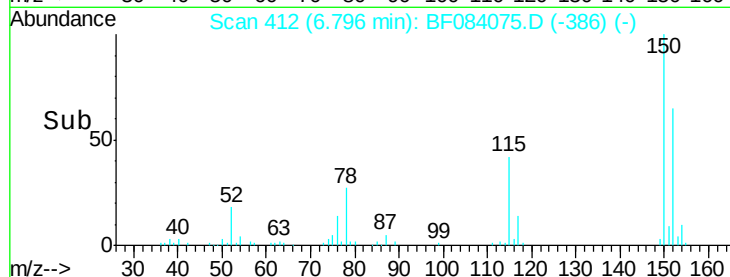
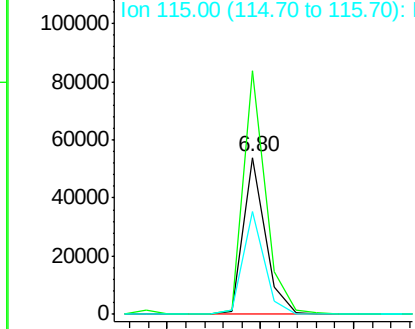
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 6.80 min Scan# 412  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

Tot Ion:152 Resp: 44436  
Ion Ratio Lower Upper  
152 100  
150 154.9 123.0 184.4  
115 65.2 51.4 77.2



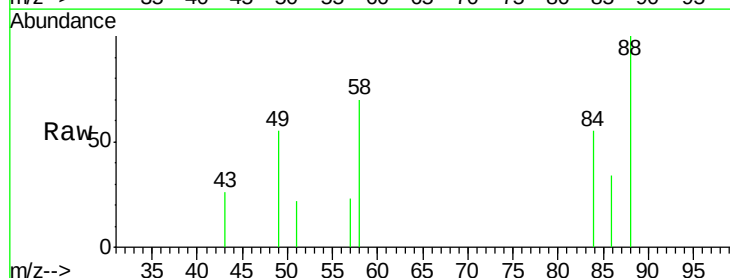
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



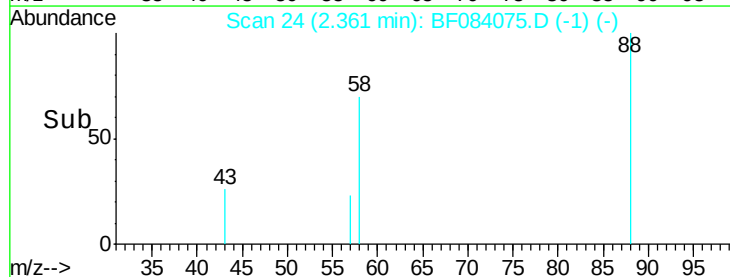
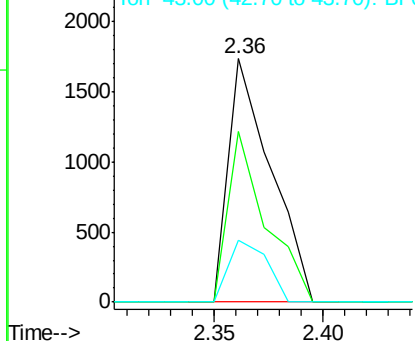
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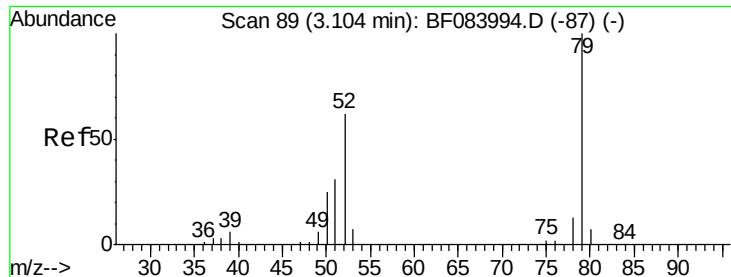
1,4-Dioxane  
Concen: 1.91 ng  
RT: 2.36 min Scan# 24  
Delta R.T. 0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion: 88 Resp: 2373  
Ion Ratio Lower Upper  
88 100  
58 62.2 51.2 76.8  
43 22.6 19.5 29.3



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

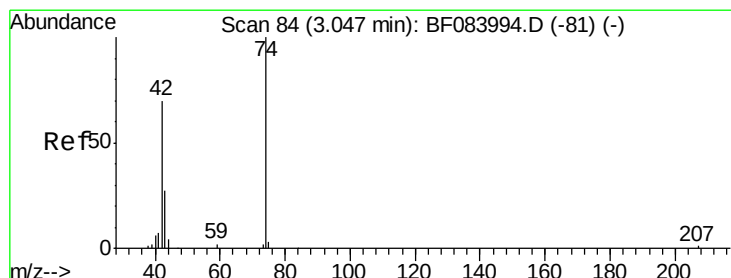
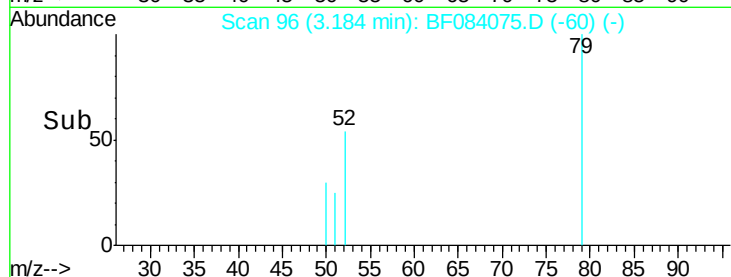
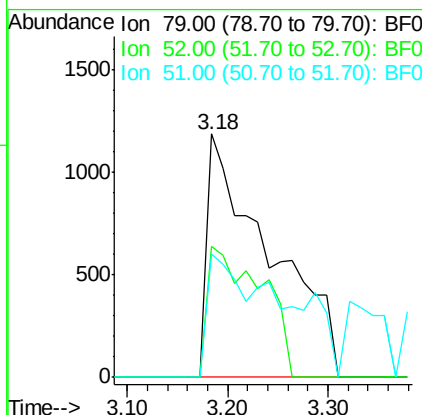
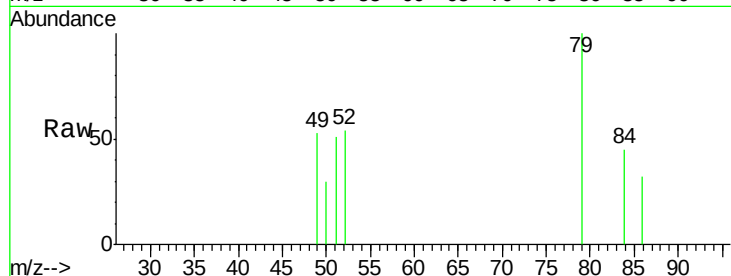




#3  
 Pvridine  
 Concen: 1.82 ng  
 RT: 3.18 min Scan# 96  
 Delta R.T. 0.11 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

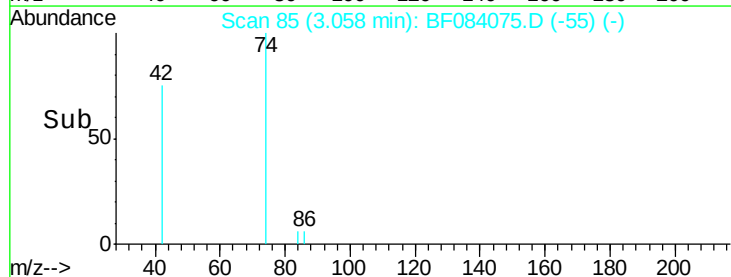
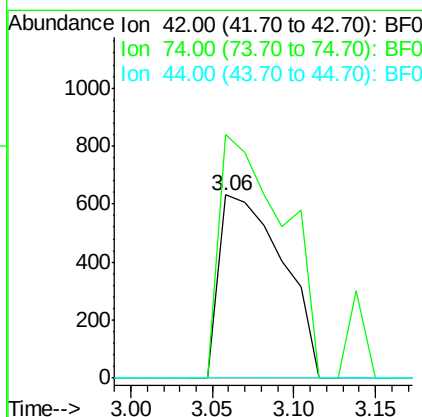
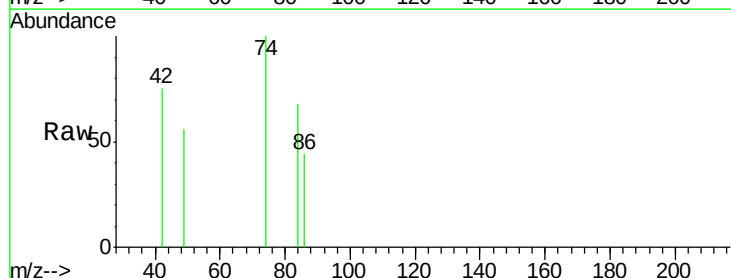
Instrument :  
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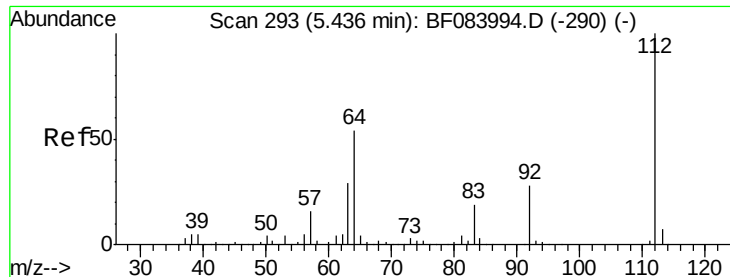
Tot Ion: 79 Resp: 5128  
 Ion Ratio Lower Upper  
 79 100  
 52 54.0 49.0 73.4  
 51 50.5 25.2 37.8#



#4  
 n-Nitrosodimethylamine  
 Concen: 1.62 ng  
 RT: 3.06 min Scan# 85  
 Delta R.T. 0.05 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion: 42 Resp: 1703  
 Ion Ratio Lower Upper  
 42 100  
 74 132.8 115.7 173.5  
 44 0.0 5.1 7.7#





#5

2-Fluorophenol

Concen: 5.09 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

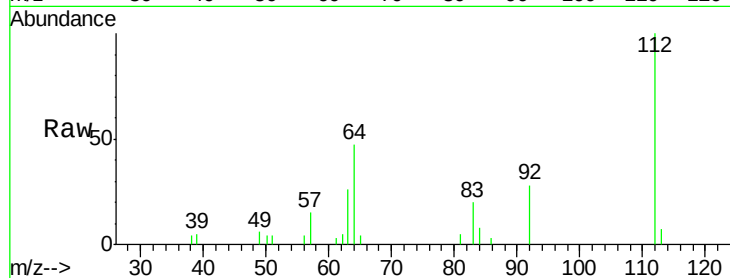
Tot Ion:112 Resp: 13274

Ion Ratio Lower Upper

112 100

64 47.0 36.6 55.0

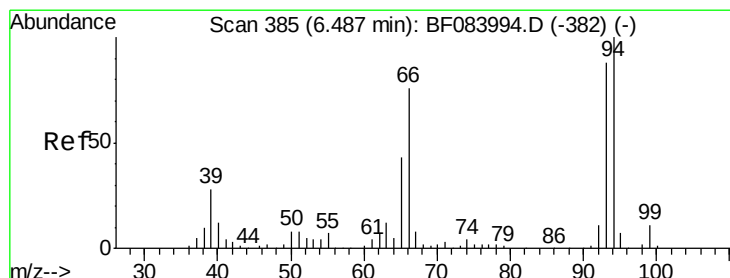
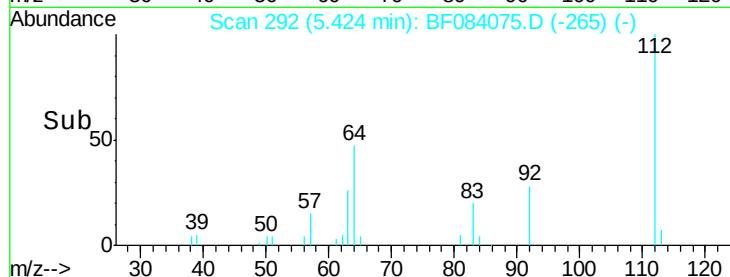
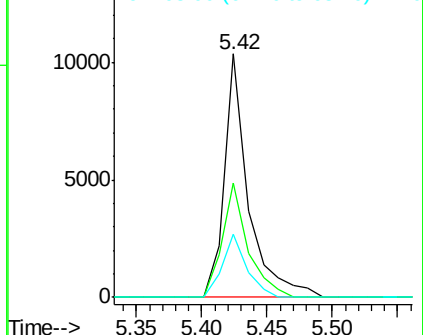
63 26.2 19.4 29.0



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: 2.40 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

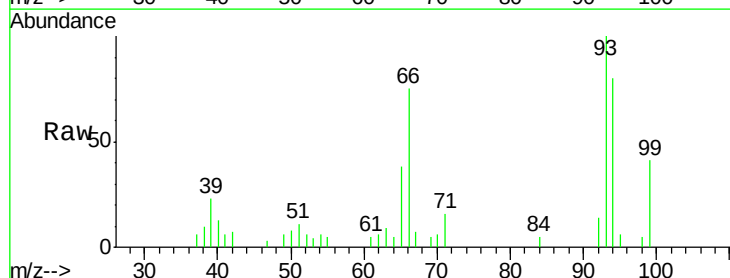
Tgt Ion: 93 Resp: 10165

Ion Ratio Lower Upper

93 100

66 74.8 44.9 67.3#

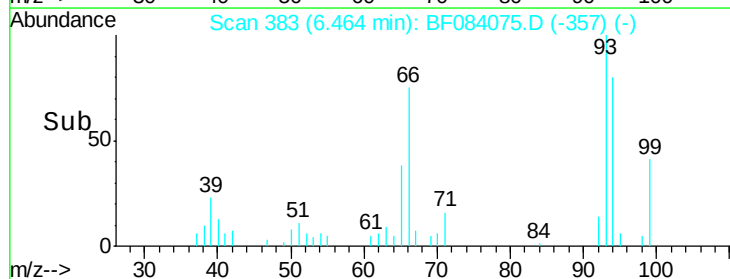
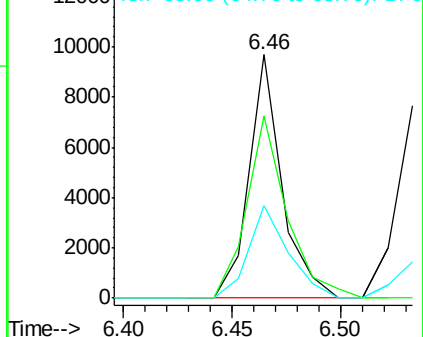
65 37.8 23.7 35.5#

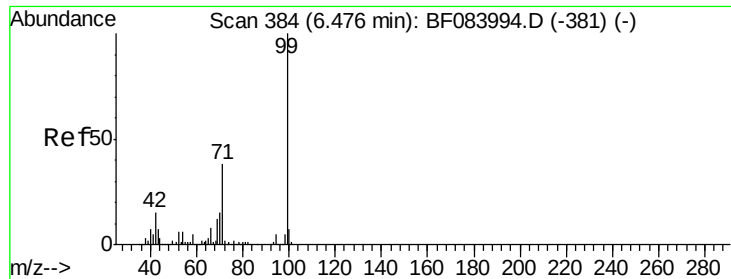


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 6.11 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

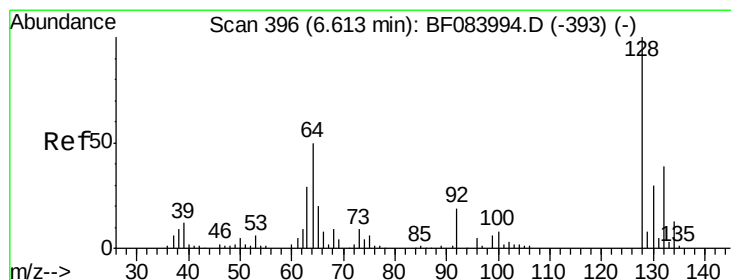
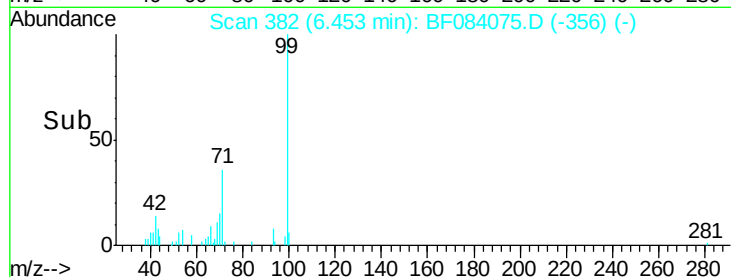
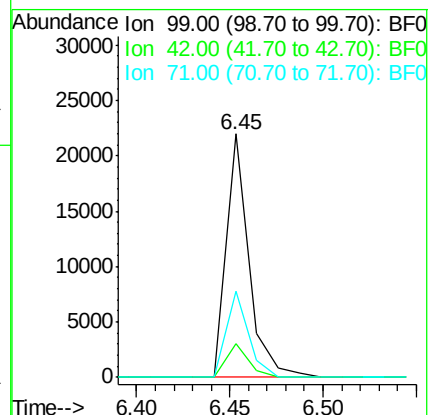
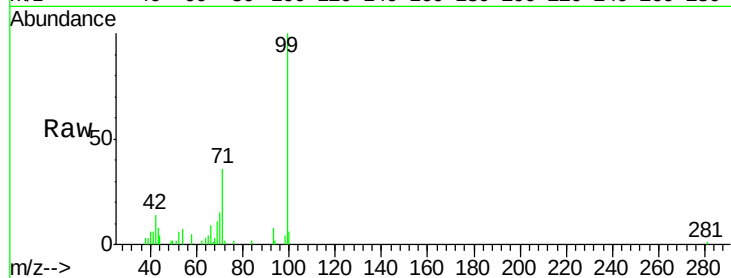
Tot Ion: 99 Resp: 18729

Ion Ratio Lower Upper

99 100

42 13.8 12.8 19.2

71 35.6 30.9 46.3



#8

2-Chlorophenol

Concen: 2.98 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

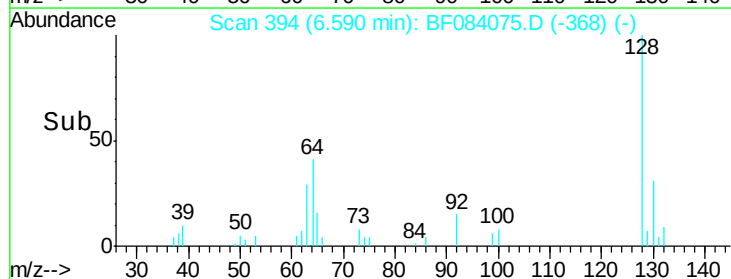
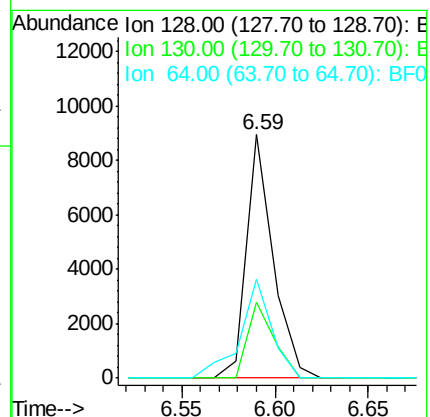
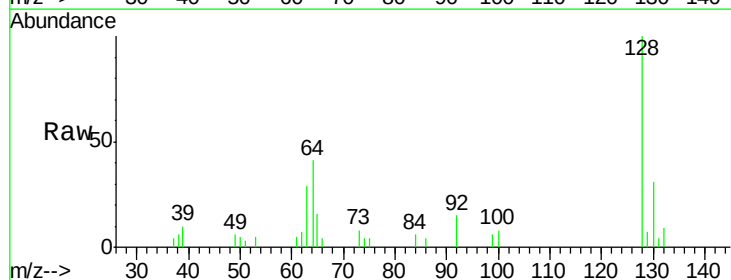
Tgt Ion: 128 Resp: 8932

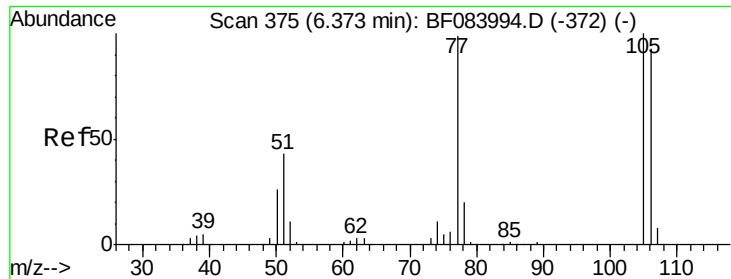
Ion Ratio Lower Upper

128 100

130 31.2 11.6 51.6

64 40.7 23.8 63.8

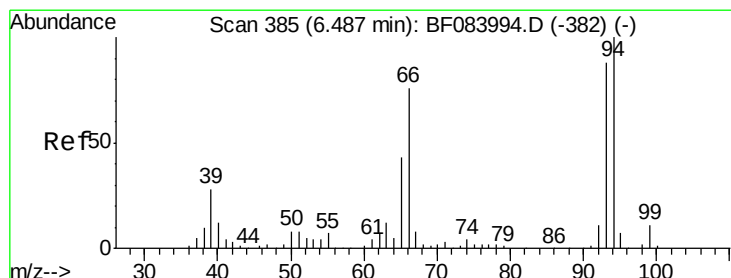
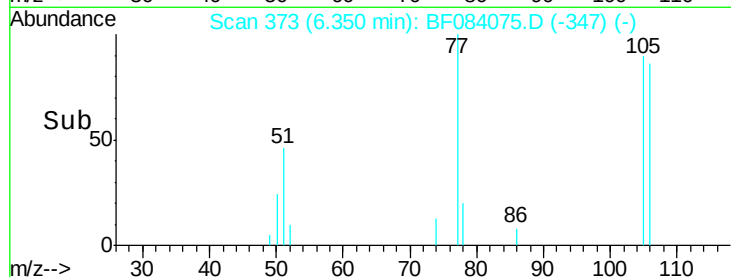
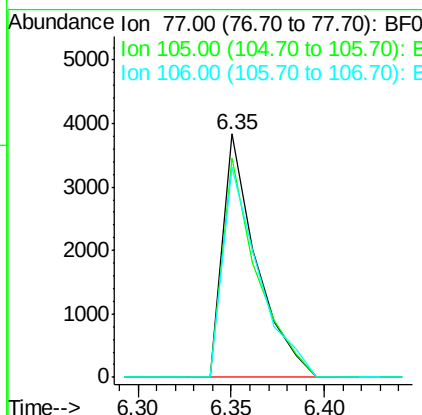
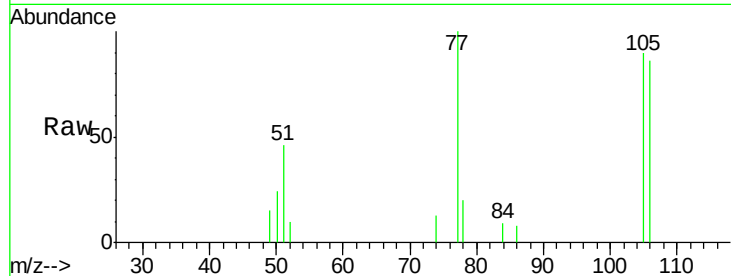




#9  
Benzaldehyde  
Concen: 2.37 ng  
RT: 6.35 min Scan# 373  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

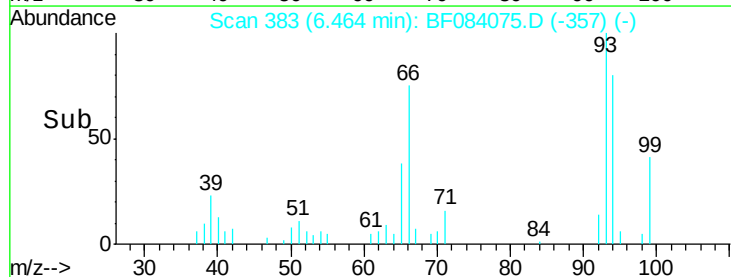
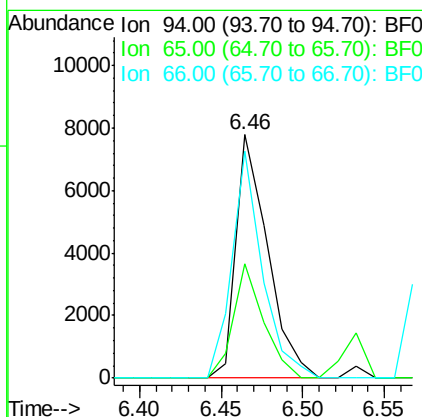
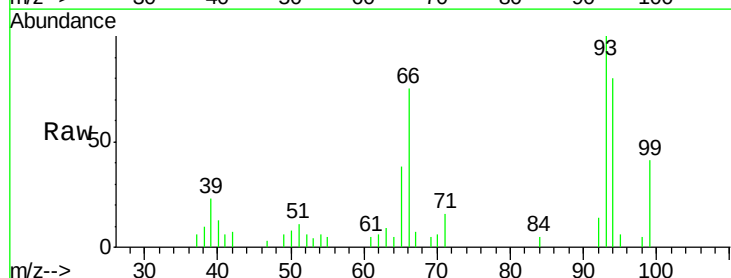
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

Tot Ion: 77 Resp: 4853  
Ion Ratio Lower Upper  
77 100  
105 90.1 83.0 123.0  
106 86.2 74.6 114.6

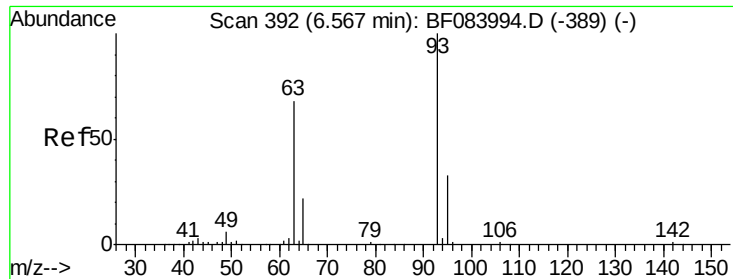


#10  
Phenol  
Concen: 2.94 ng  
RT: 6.46 min Scan# 383  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion: 94 Resp: 10436  
Ion Ratio Lower Upper  
94 100  
65 47.0 12.9 52.9  
66 93.1 32.7 72.7#



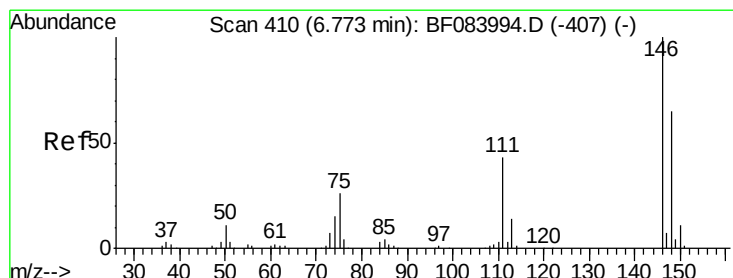
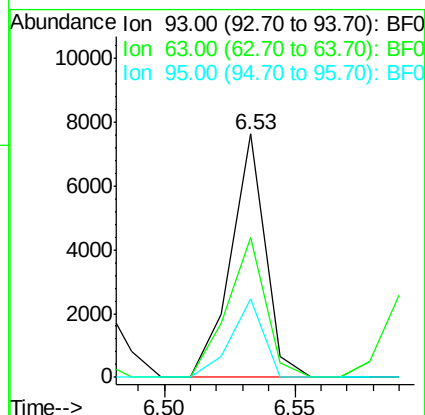
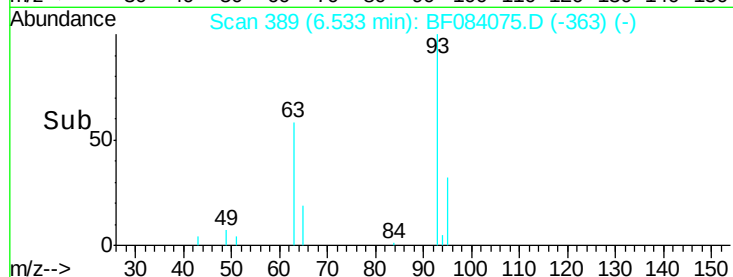
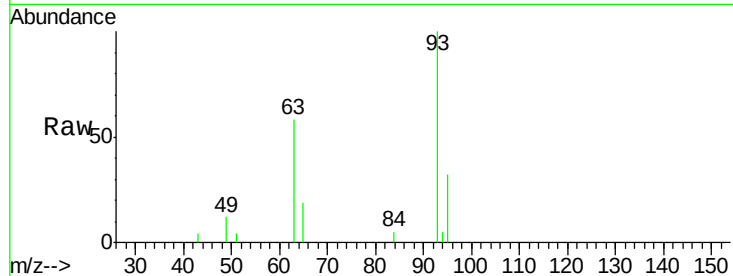




#11  
bis(2-Chloroethyl)ether  
Concen: 2.60 ng  
RT: 6.53 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

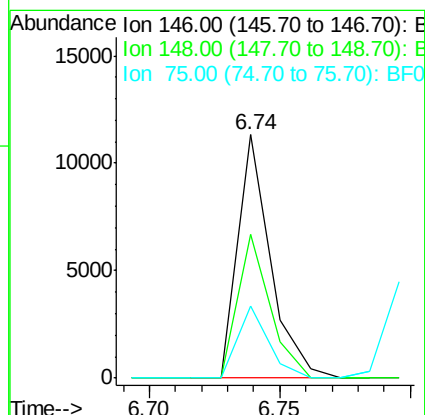
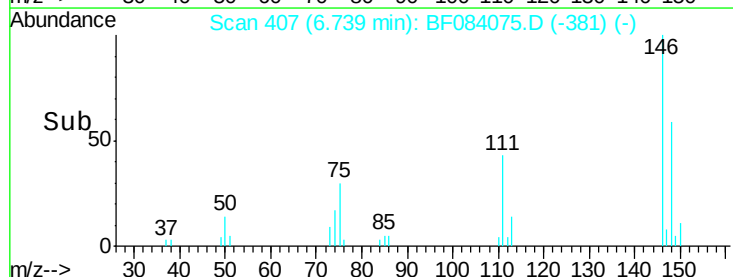
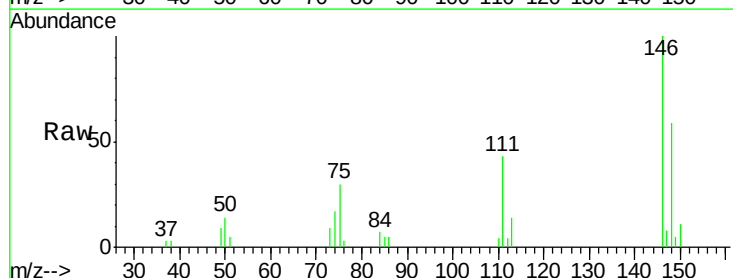
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

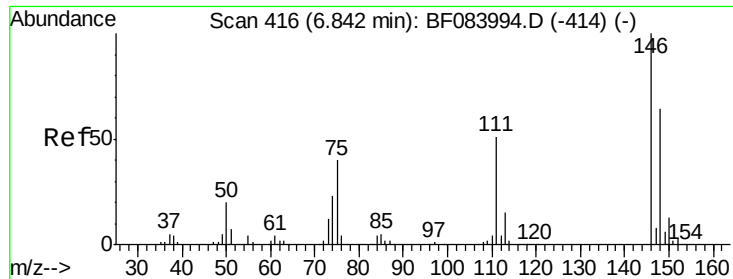
Tot Ion: 93 Resp: 7040  
Ion Ratio Lower Upper  
93 100  
63 57.5 45.9 85.9  
95 32.5 12.3 52.3



#12  
1,3-Dichlorobenzene  
Concen: 2.97 ng  
RT: 6.74 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion: 146 Resp: 9906  
Ion Ratio Lower Upper  
146 100  
148 59.3 51.9 77.9  
75 29.6 20.5 30.7

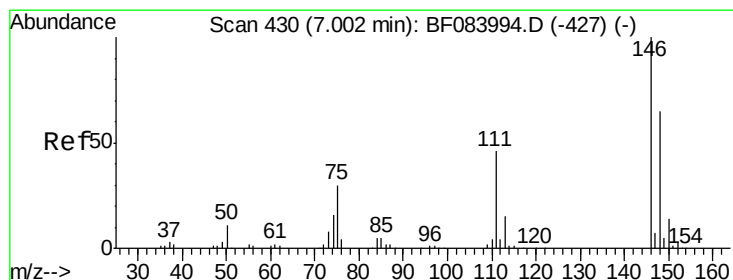
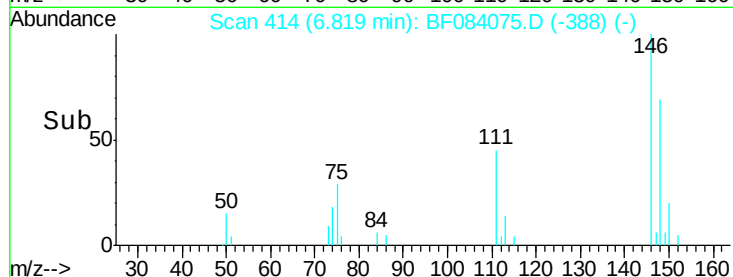
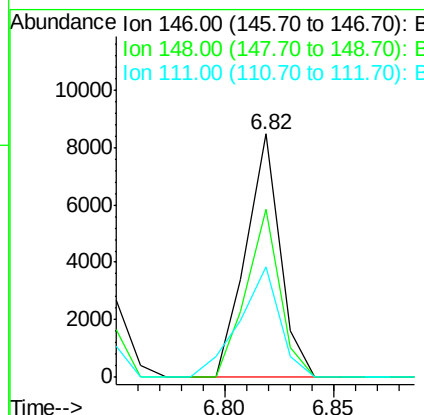
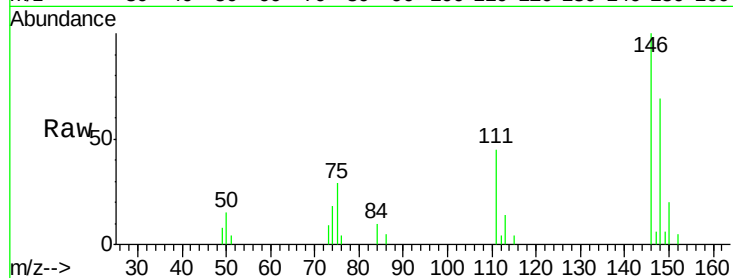




#13  
 1,4-Dichlorobenzene  
 Concen: 2.84 ng  
 RT: 6.82 min Scan# 414  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

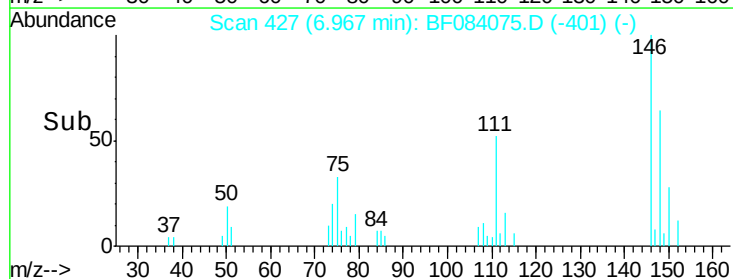
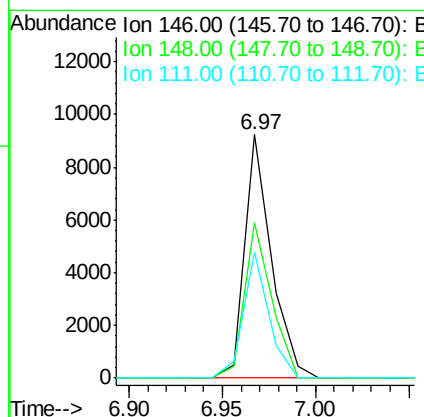
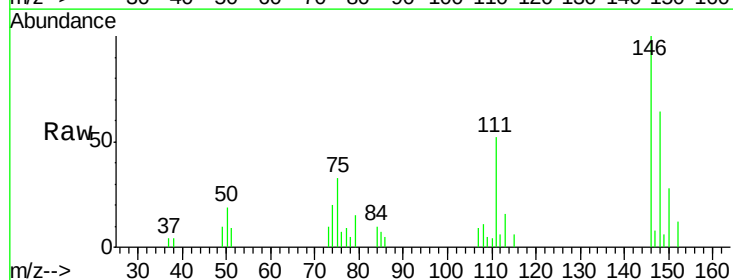
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

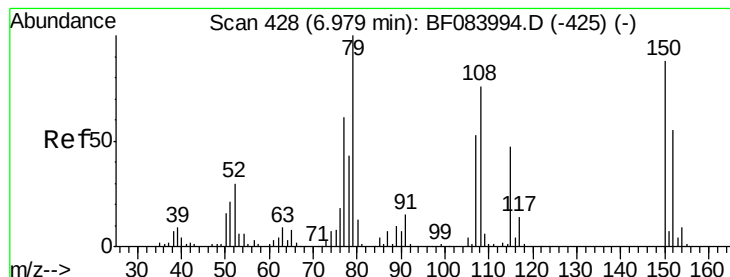
Tot Ion:146 Resp: 9240  
 Ion Ratio Lower Upper  
 146 100  
 148 68.8 51.9 77.9  
 111 45.3 41.6 62.4



#14  
 1,2-Dichlorobenzene  
 Concen: 2.96 ng  
 RT: 6.97 min Scan# 427  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:146 Resp: 9228  
 Ion Ratio Lower Upper  
 146 100  
 148 63.8 51.6 77.4  
 111 51.6 38.0 57.0





#15

Benzyl Alcohol

Concen: 2.47 ng

RT: 6.96 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC02.5

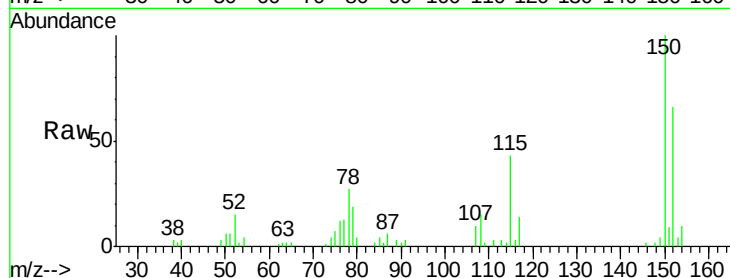
Tot Ion: 79 Resp: 5961

Ion Ratio Lower Upper

79 100

108 80.0 69.0 103.4

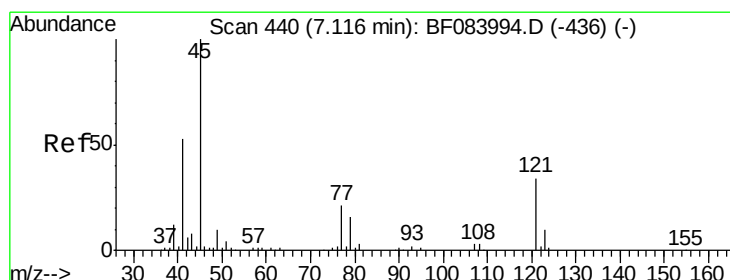
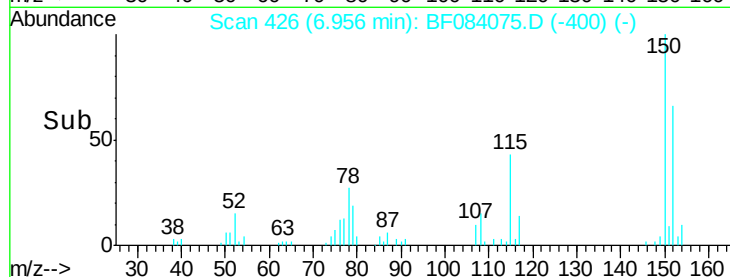
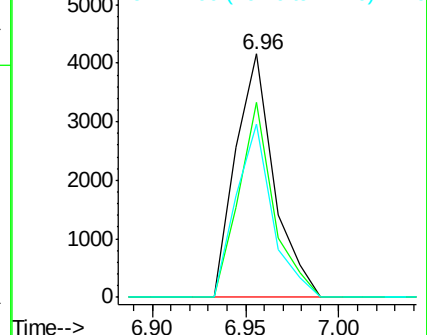
77 71.2 50.0 75.0



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.91 ng

RT: 7.08 min Scan# 437

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

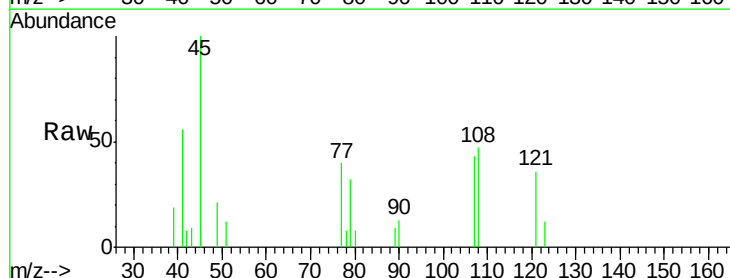
Tgt Ion: 45 Resp: 7598

Ion Ratio Lower Upper

45 100

77 40.5 0.0 39.6#

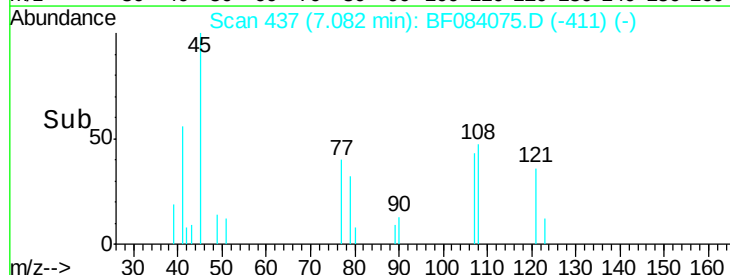
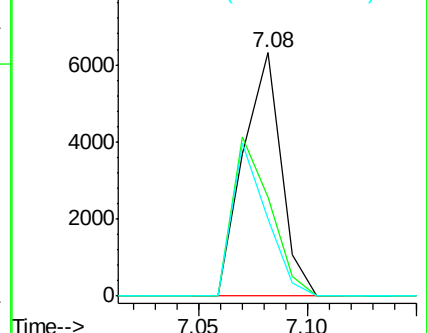
79 31.9 0.0 35.0

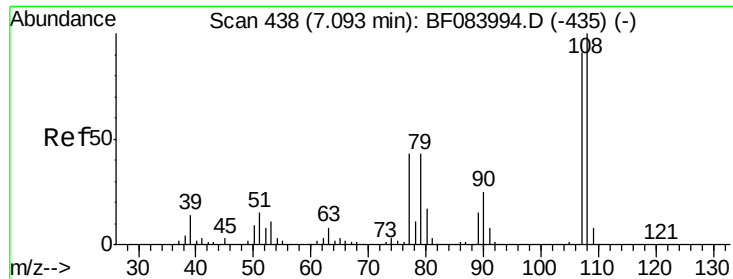


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

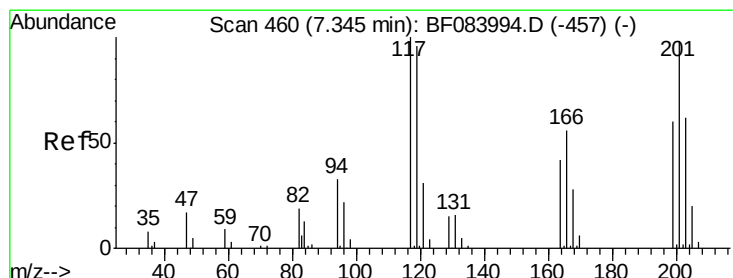
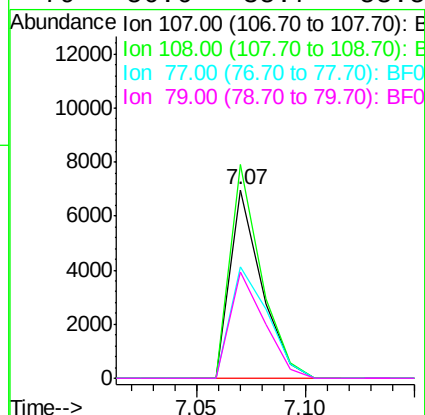
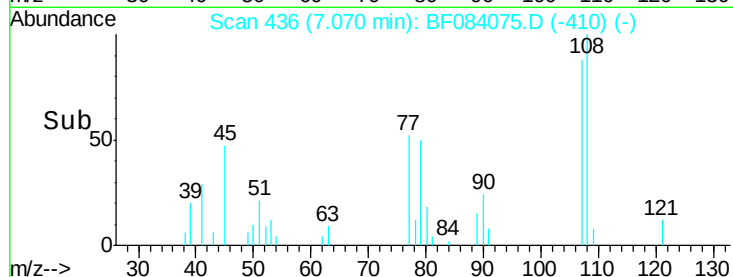
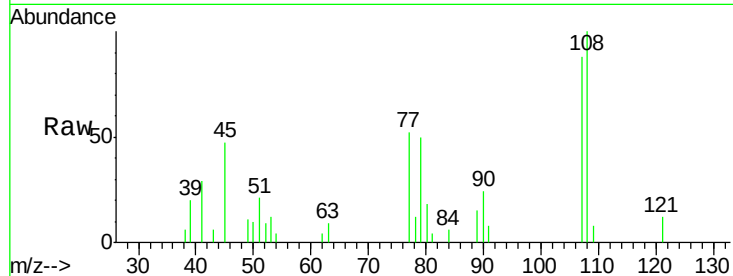




#17  
2-Methylphenol  
Concen: 2.94 ng  
RT: 7.07 min Scan# 436  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

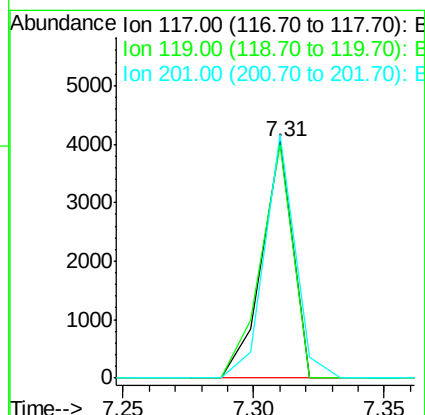
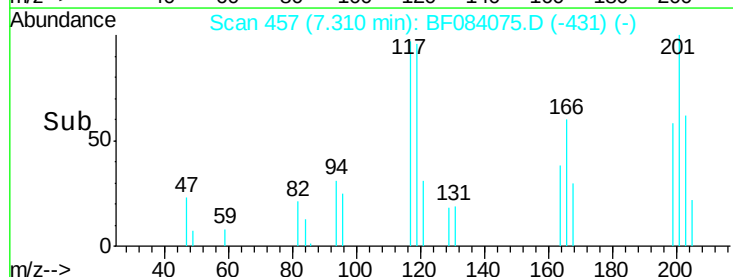
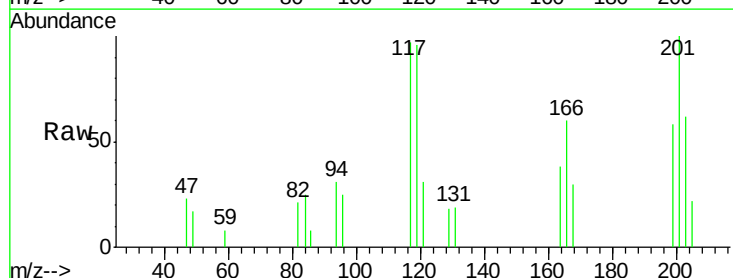
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

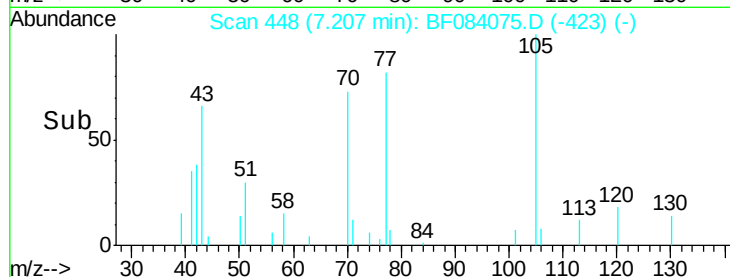
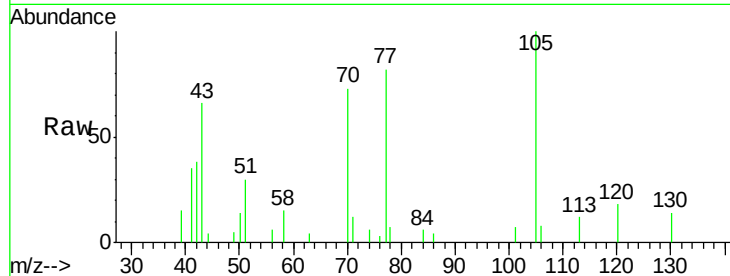
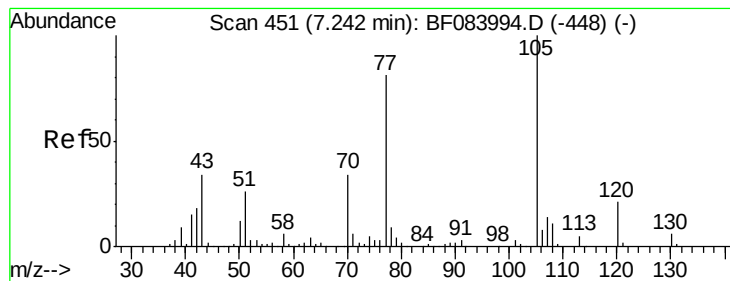
Tot Ion:107 Resp: 7021  
Ion Ratio Lower Upper  
107 100  
108 113.4 89.8 134.6  
77 59.2 35.7 53.5#  
79 56.6 35.7 53.5#



#18  
Hexachloroethane  
Concen: 2.81 ng  
RT: 7.31 min Scan# 457  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:117 Resp: 3352  
Ion Ratio Lower Upper  
117 100  
119 98.8 77.4 116.0  
201 102.9 68.6 103.0





#19

n-Nitroso-di-n-propylamine

Concen: 2.94 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC02.5

Tot Ion: 70 Resp: 5452

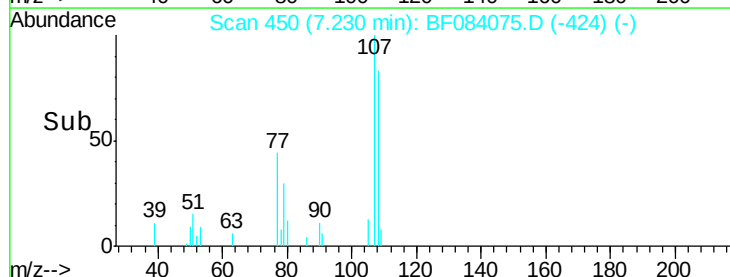
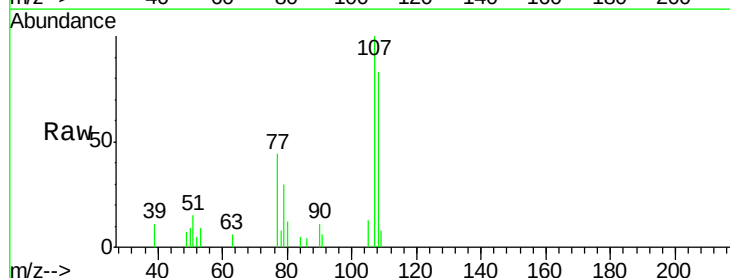
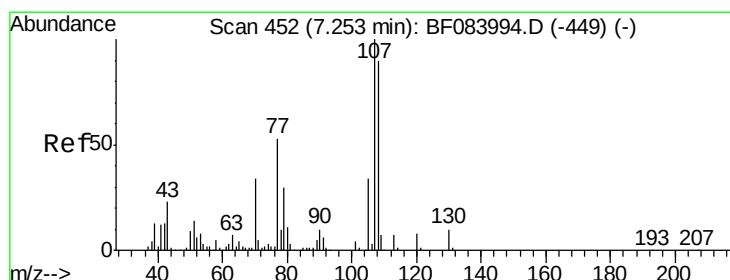
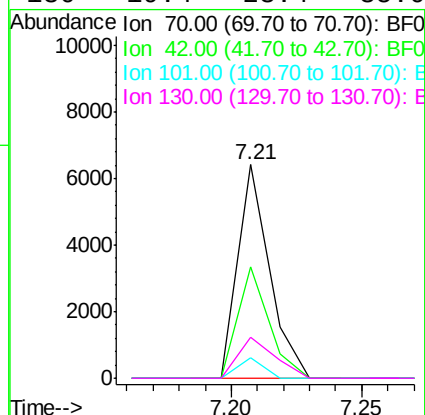
Ion Ratio Lower Upper

70 100

42 52.3 33.3 49.9#

101 9.3 9.3 13.9

130 19.4 23.4 35.0#



#20

3+4-Methylphenols

Concen: 3.12 ng

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Tgt Ion: 107 Resp: 9210

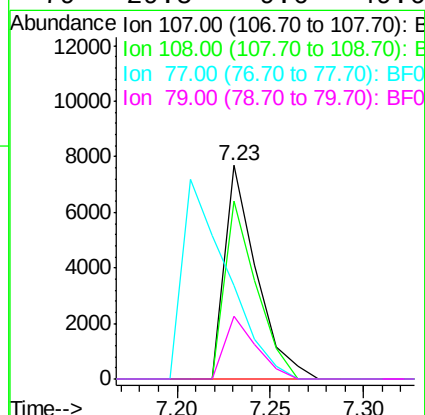
Ion Ratio Lower Upper

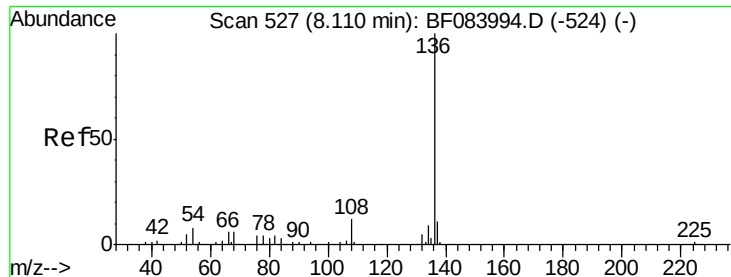
107 100

108 83.1 64.1 104.1

77 43.7 128.9 168.9#

79 29.5 9.6 49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

Tot Ion:136 Resp: 167670

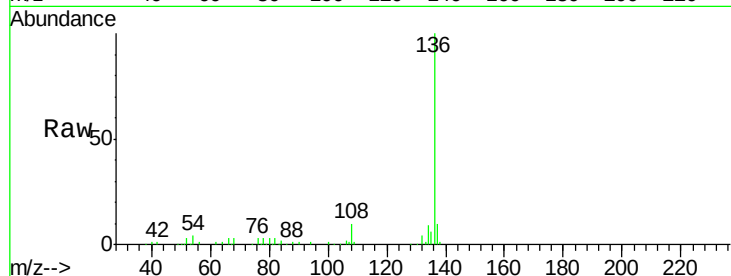
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 4.4 5.8 8.8#

68 3.0 4.2 6.2#

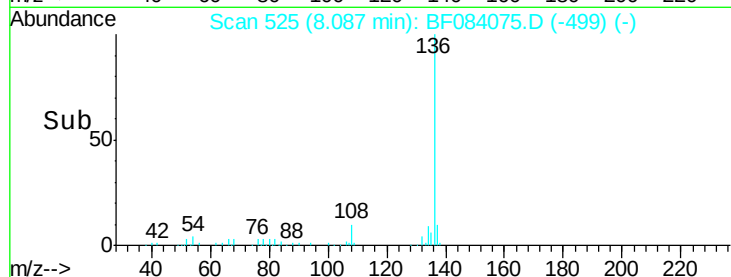


Abundance Ion 136.00 (135.70 to 136.70): E

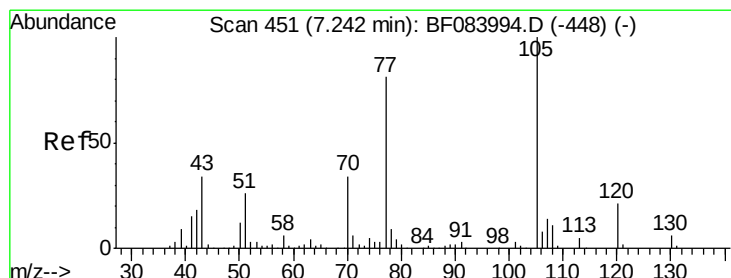
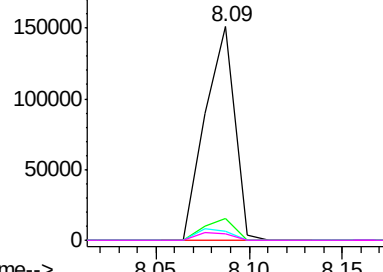
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 2.99 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Tgt Ion:105 Resp: 11750

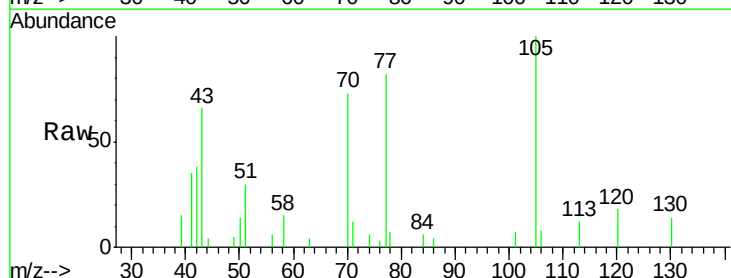
Ion Ratio Lower Upper

105 100

71 11.5 3.7 5.5#

51 29.6 25.1 37.7

120 17.9 16.6 25.0

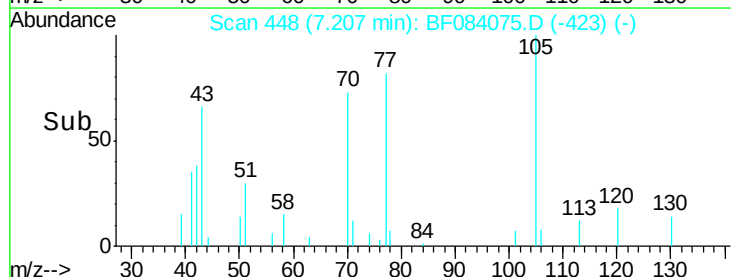


Abundance Ion 105.00 (104.70 to 105.70): E

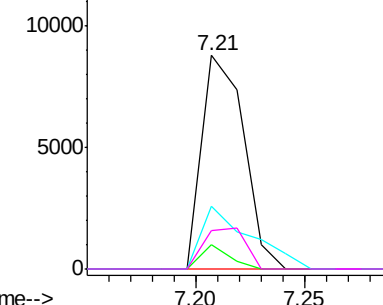
Ion 71.00 (70.70 to 71.70): BF0

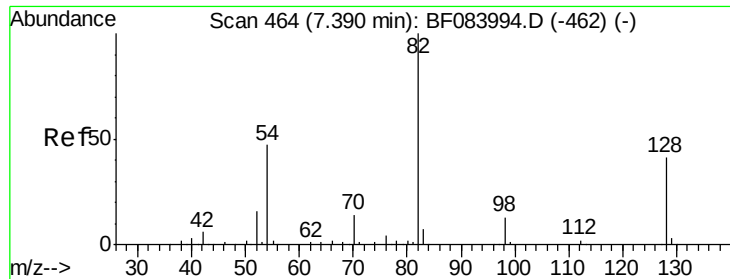
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



Time-->

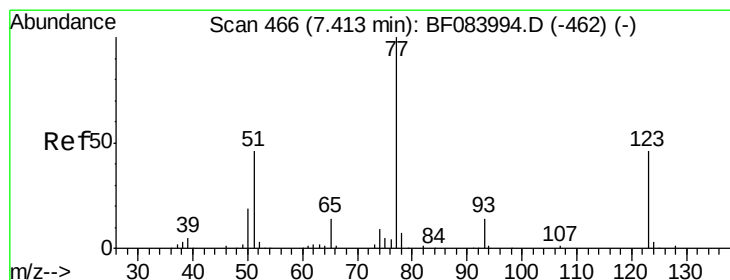
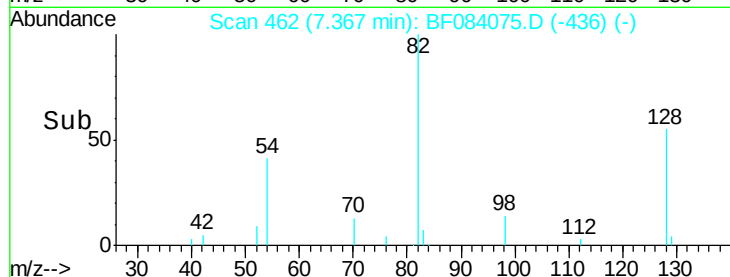
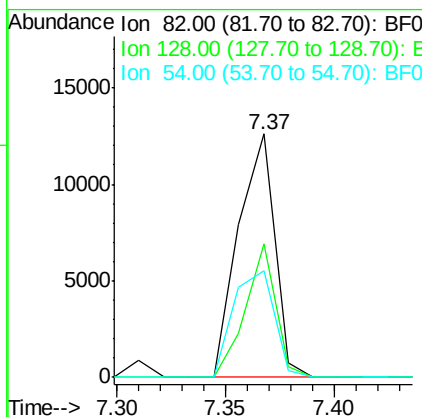
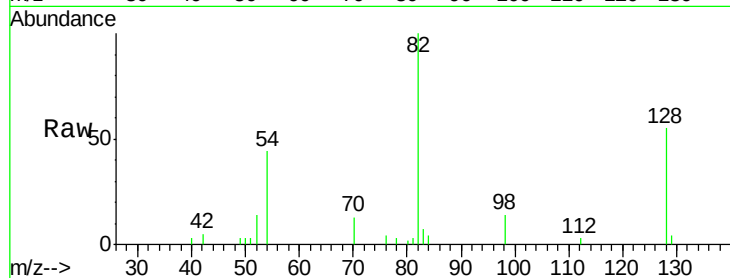




#23  
 Nitrobenzene-d5  
 Concen: 5.35 ng  
 RT: 7.37 min Scan# 462  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

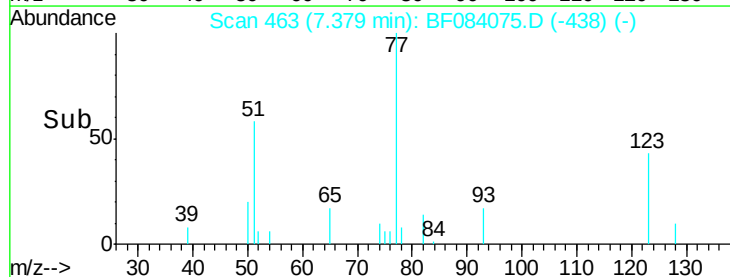
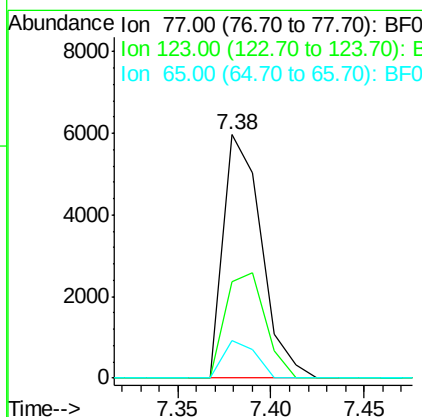
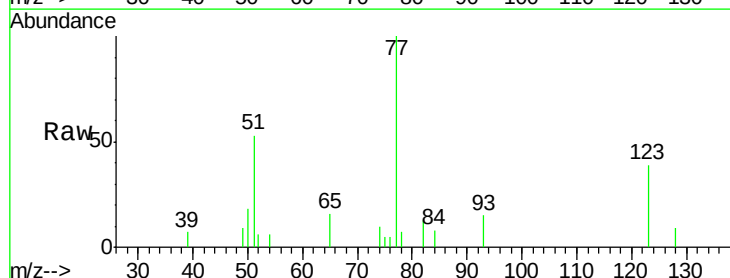
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

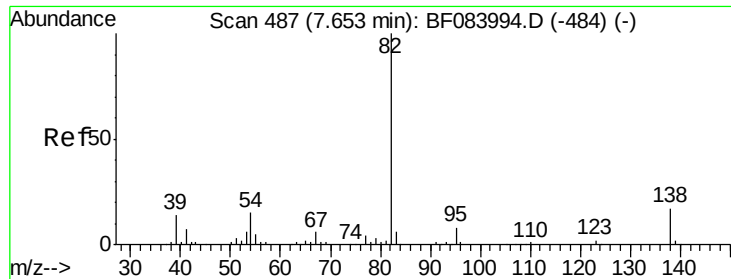
Tot Ion: 82 Resp: 14613  
 Ion Ratio Lower Upper  
 82 100  
 128 54.8 34.6 51.8#  
 54 44.1 38.4 57.6



#24  
 Nitrobenzene  
 Concen: 3.03 ng  
 RT: 7.38 min Scan# 463  
 Delta R.T. -0.01 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion: 77 Resp: 8525  
 Ion Ratio Lower Upper  
 77 100  
 123 39.5 37.4 56.2  
 65 15.6 10.9 16.3





#25

Isophorone

Concen: 2.90 ng

RT: 7.62 min Scan# 484

Delta R.T. -0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

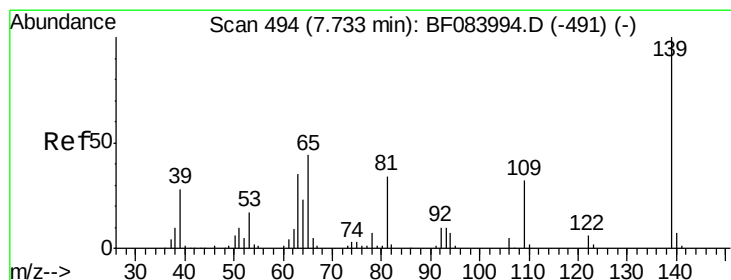
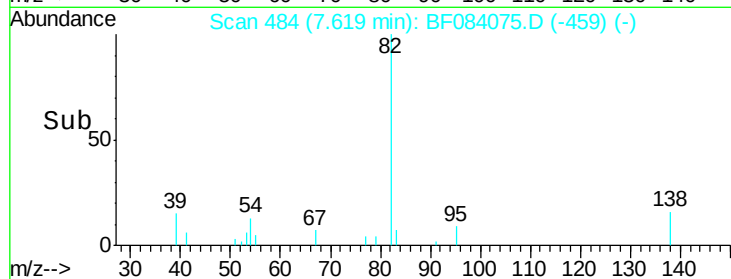
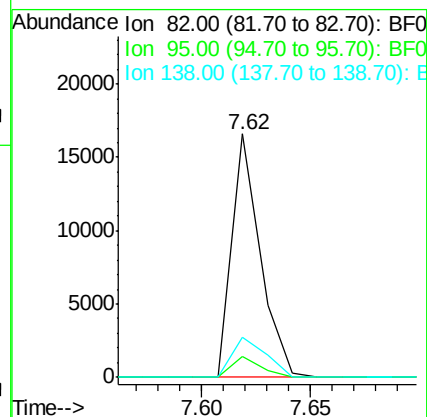
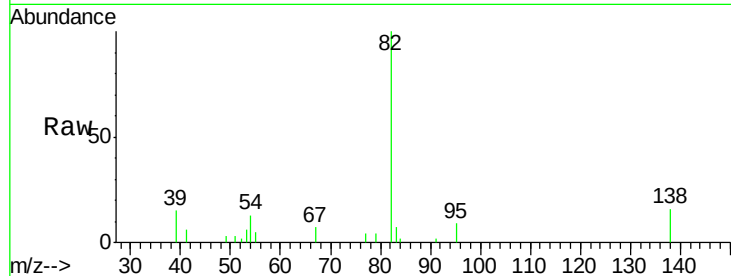
Tot Ion: 82 Resp: 14998

Ion Ratio Lower Upper

82 100

95 8.7 6.6 10.0

138 16.5 13.6 20.4



#26

2-Nitrophenol

Concen: 2.22 ng

RT: 7.71 min Scan# 492

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

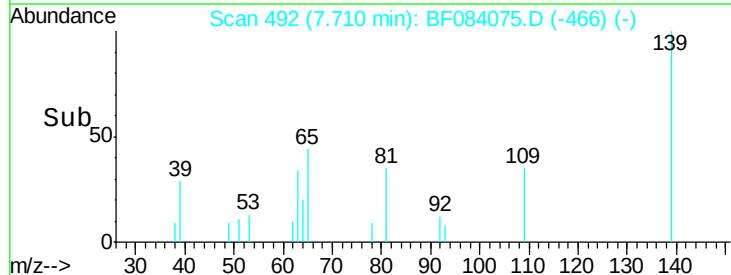
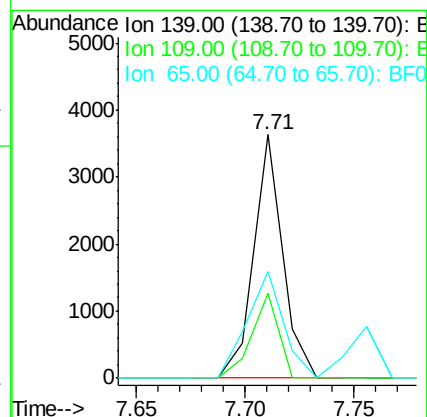
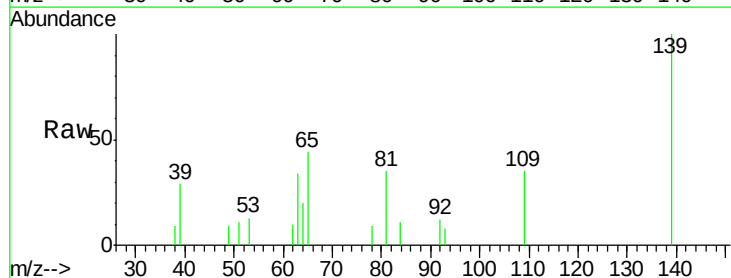
Tgt Ion: 139 Resp: 3356

Ion Ratio Lower Upper

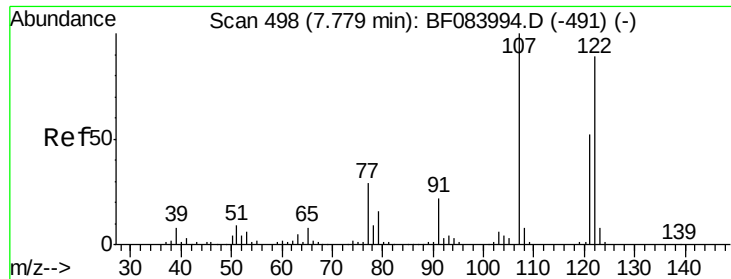
139 100

109 34.9 25.4 38.2

65 43.7 32.3 48.5







#27

2,4-Dimethylphenol

Concen: 2.60 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

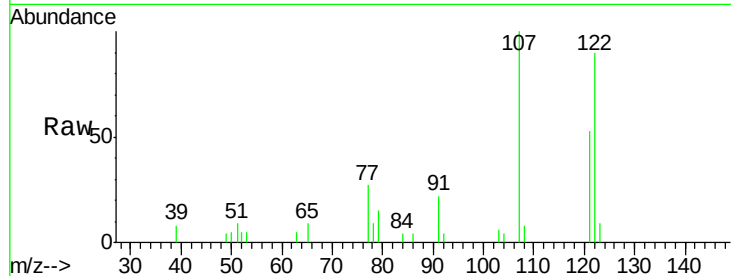
Tot Ion:122 Resp: 6862

Ion Ratio Lower Upper

122 100

107 110.6 99.1 148.7

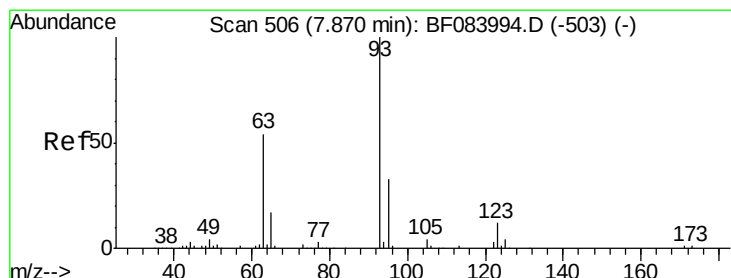
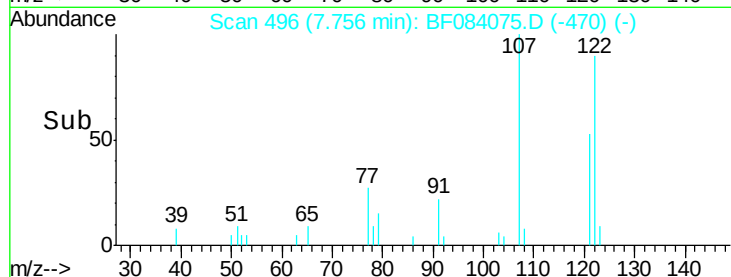
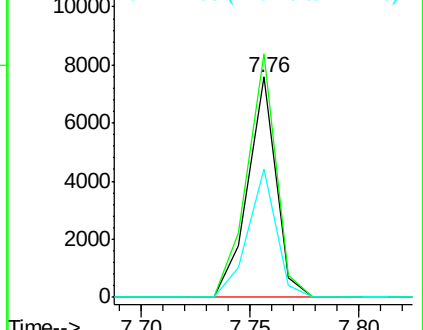
121 58.5 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 2.89 ng

RT: 7.84 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

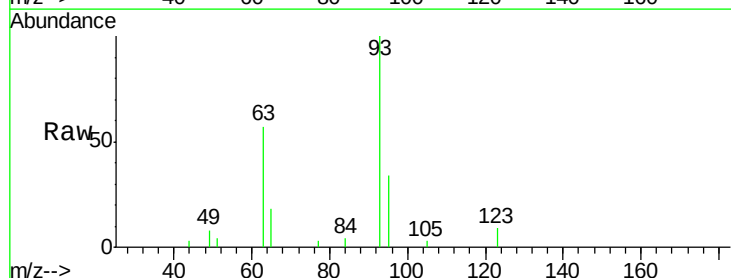
Tgt Ion: 93 Resp: 9264

Ion Ratio Lower Upper

93 100

95 34.3 25.8 38.6

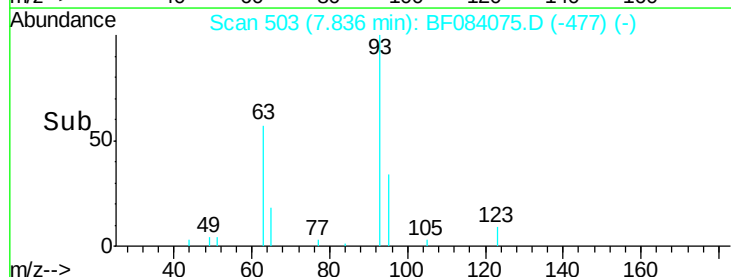
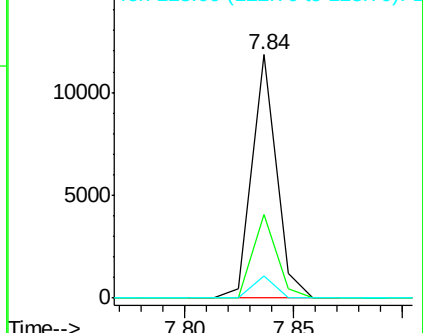
123 9.4 8.6 12.8

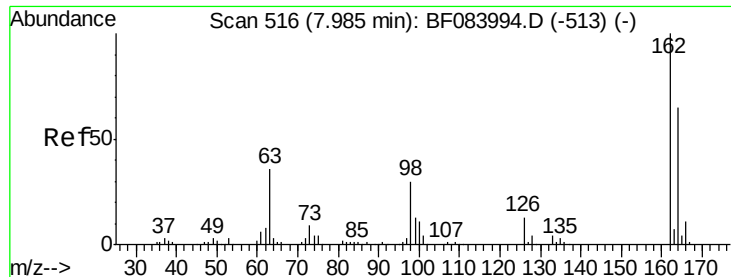


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

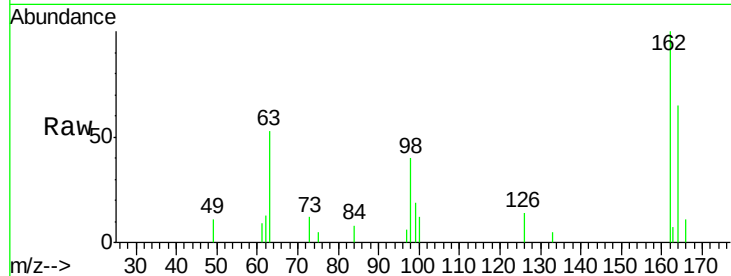




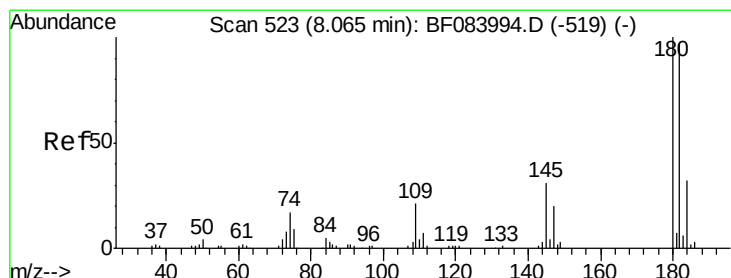
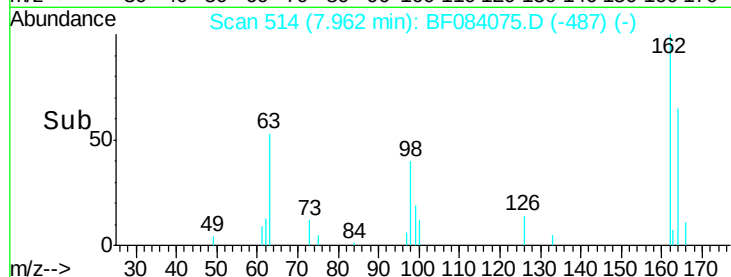
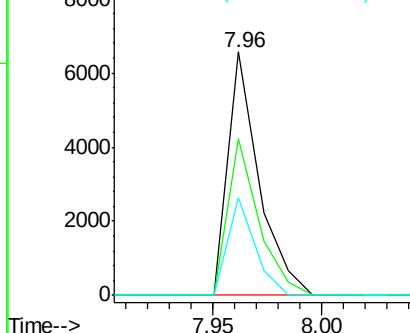
#29  
 2,4-Dichlorophenol  
 Concen: 2.75 ng  
 RT: 7.96 min Scan# 514  
 Delta R.T. 0.01 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:162 Resp: 6494  
 Ion Ratio Lower Upper  
 162 100  
 164 64.5 44.1 84.1  
 98 40.0 20.2 60.2

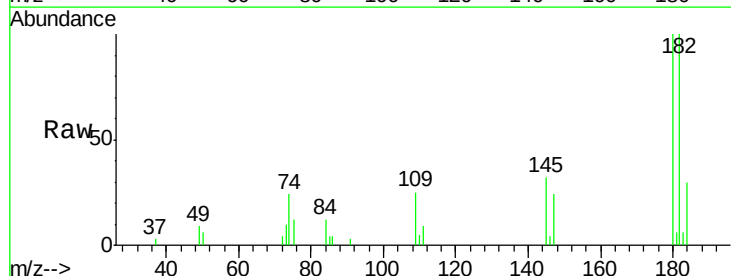


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BF0

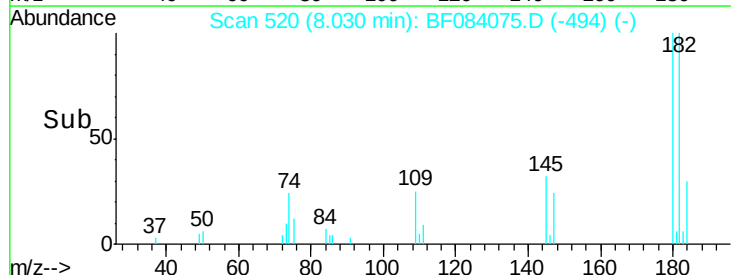
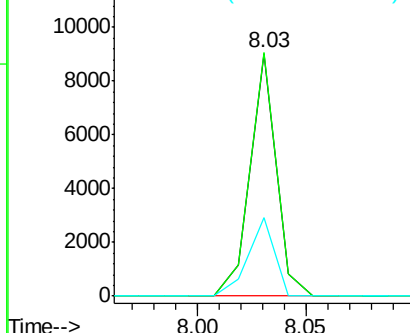


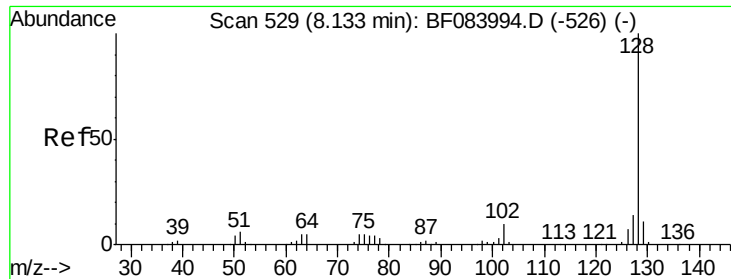
#30  
 1,2,4-Trichlorobenzene  
 Concen: 3.07 ng  
 RT: 8.03 min Scan# 520  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:180 Resp: 7557  
 Ion Ratio Lower Upper  
 180 100  
 182 100.4 76.4 114.6  
 145 32.3 31.6 47.4



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

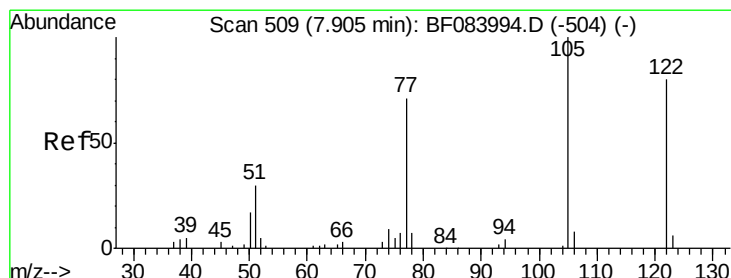
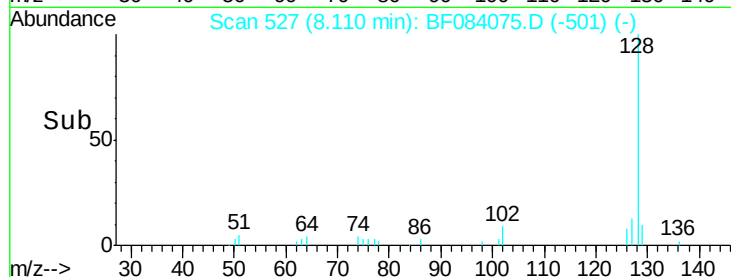
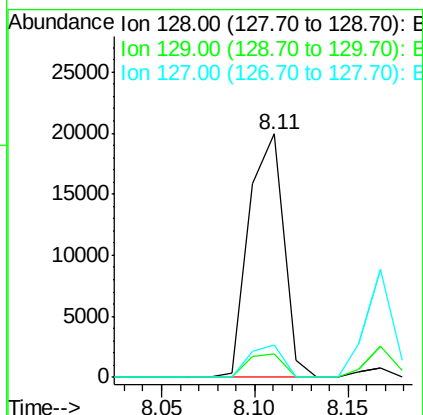
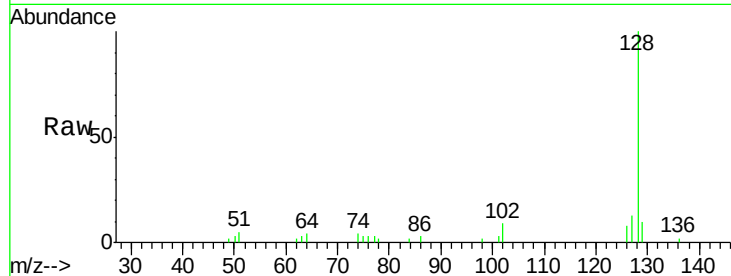




#31  
Naphthalene  
Concen: 3.00 ng  
RT: 8.11 min Scan# 527  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

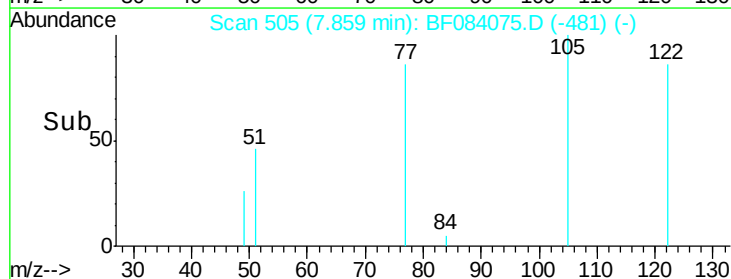
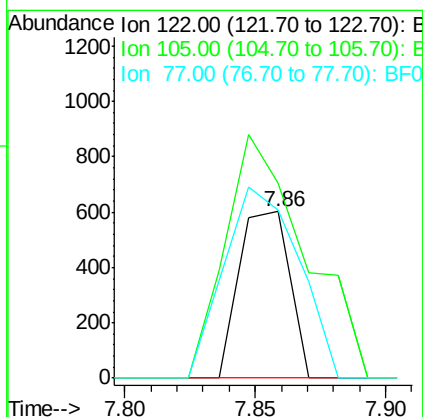
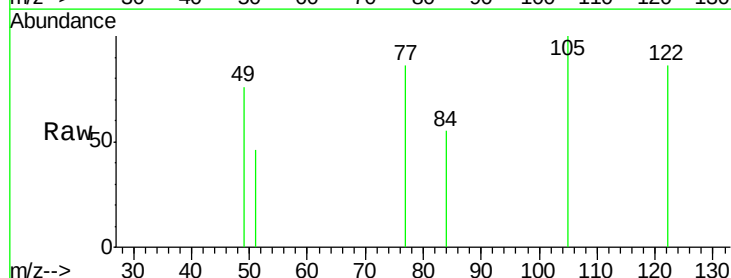
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

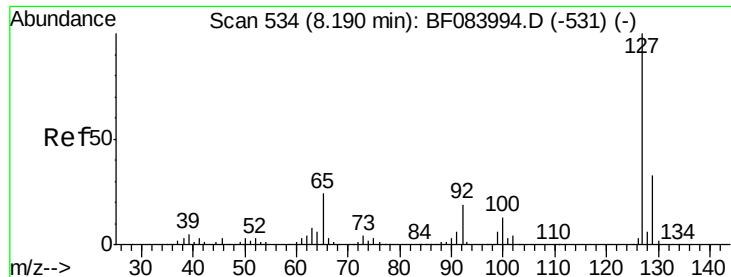
Tot Ion:128 Resp: 25726  
Ion Ratio Lower Upper  
128 100  
129 9.8 9.1 13.7  
127 13.1 11.1 16.7



#32  
Benzoic acid  
Concen: 0.73 ng  
RT: 7.86 min Scan# 505  
Delta R.T. -0.02 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:122 Resp: 813  
Ion Ratio Lower Upper  
122 100  
105 116.6 100.3 140.3  
77 100.8 63.5 103.5

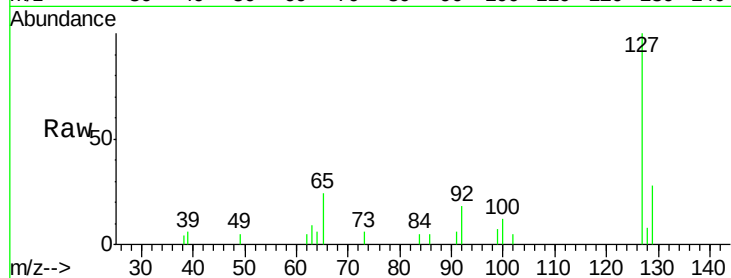




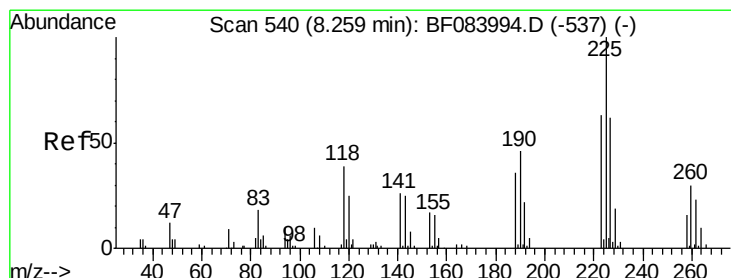
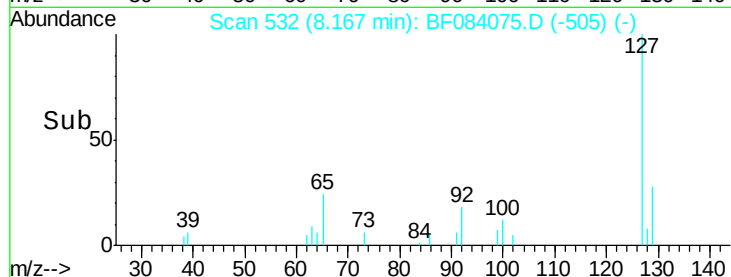
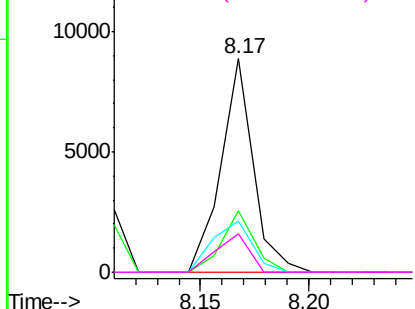
#33  
4-Chloroaniline  
Concen: 2.62 ng  
RT: 8.17 min Scan# 532  
Delta R.T. 0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

|             |       |             |
|-------------|-------|-------------|
| Tot Ion:127 | Resp: | 9174        |
| Ion         | Ratio | Lower Upper |
| 127         | 100   |             |
| 129         | 28.5  | 26.5 39.7   |
| 65          | 23.8  | 27.2 40.8   |
| 92          | 18.2  | 17.7 26.5   |

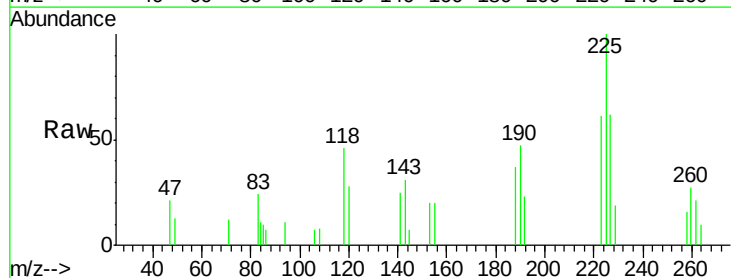


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BF0  
Ion 92.00 (91.70 to 92.70): BF0

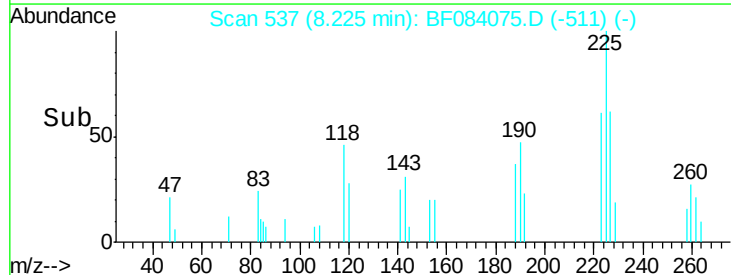
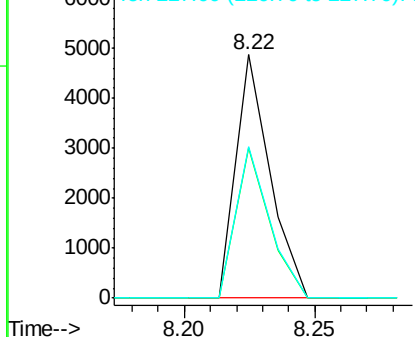


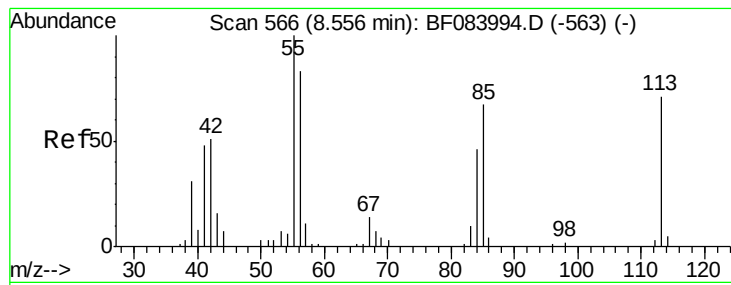
#34  
Hexachlorobutadiene  
Concen: 3.03 ng  
RT: 8.22 min Scan# 537  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:225 | Resp: | 4451        |
| Ion         | Ratio | Lower Upper |
| 225         | 100   |             |
| 223         | 61.5  | 49.4 74.0   |
| 227         | 62.1  | 50.8 76.2   |



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





#35

Caprolactam

Concen: 2.11 ng

RT: 8.50 min Scan# 561

Delta R.T. -0.03 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

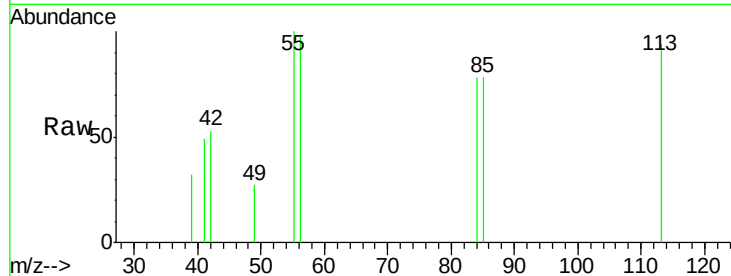
Tot Ion:113 Resp: 1498

Ion Ratio Lower Upper

113 100

55 106.5 116.9 156.9#

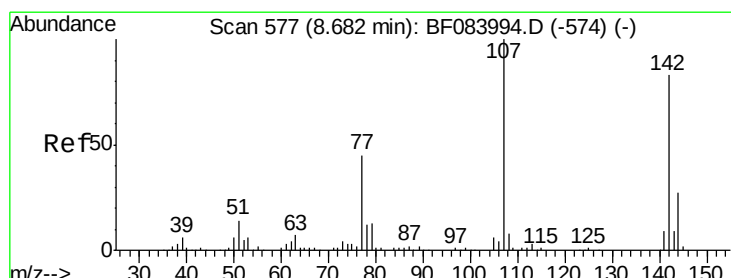
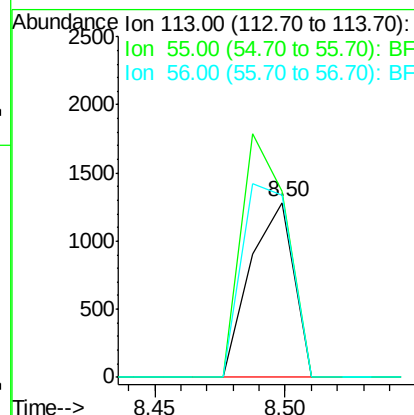
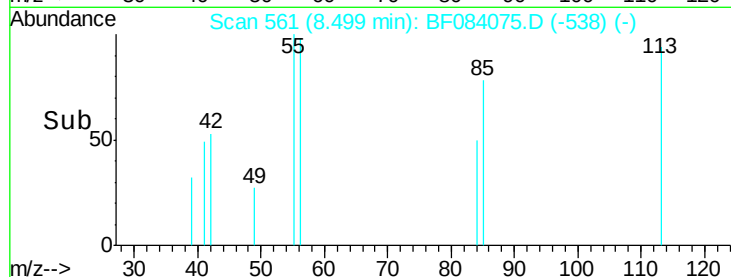
56 104.1 93.8 133.8



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: 2.66 ng

RT: 8.66 min Scan# 575

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

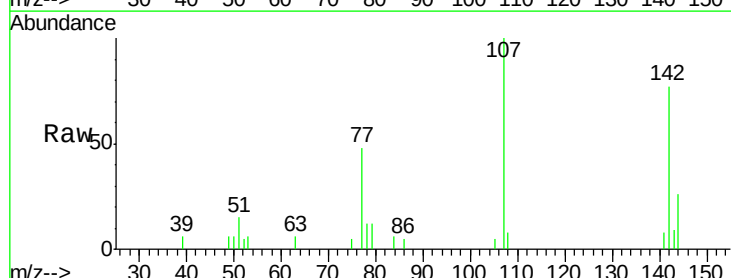
Tgt Ion:107 Resp: 6698

Ion Ratio Lower Upper

107 100

144 25.5 19.7 29.5

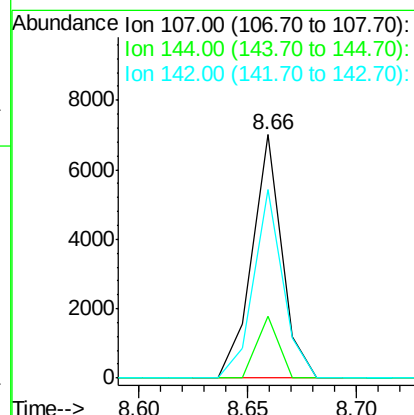
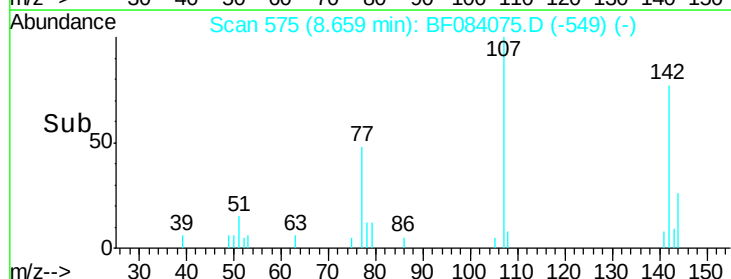
142 77.5 61.8 92.6

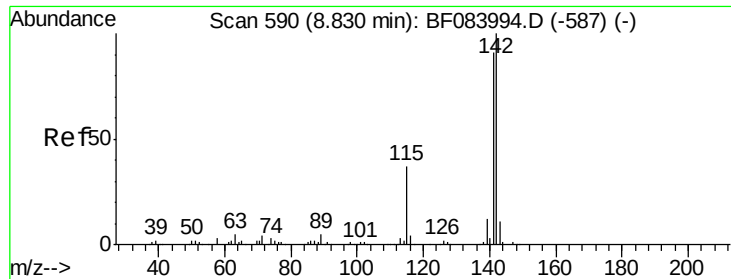


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

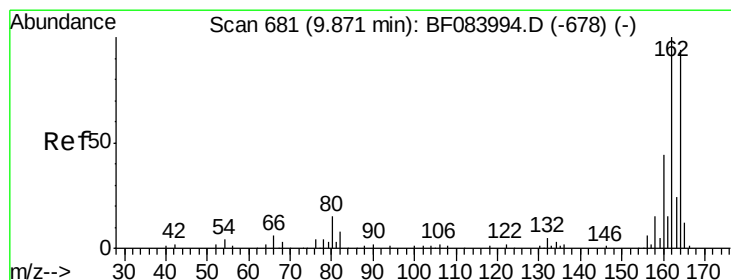
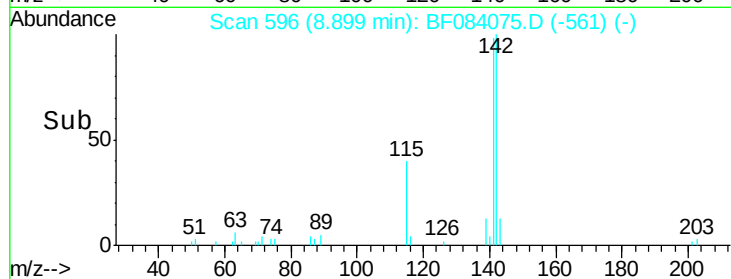
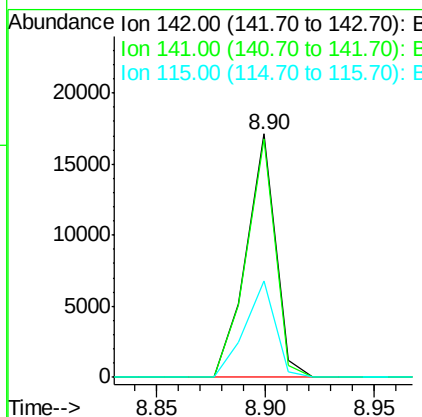
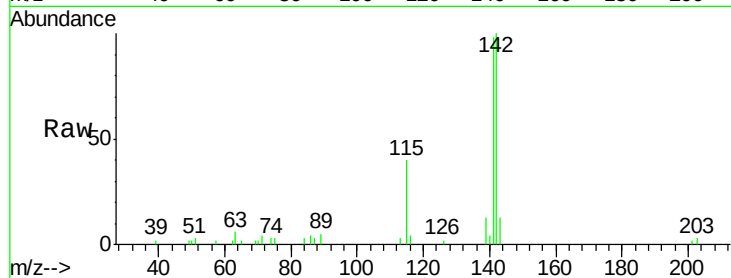




#37  
2-Methylnaphthalene  
Concen: 2.91 ng  
RT: 8.90 min Scan# 596  
Delta R.T. 0.10 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

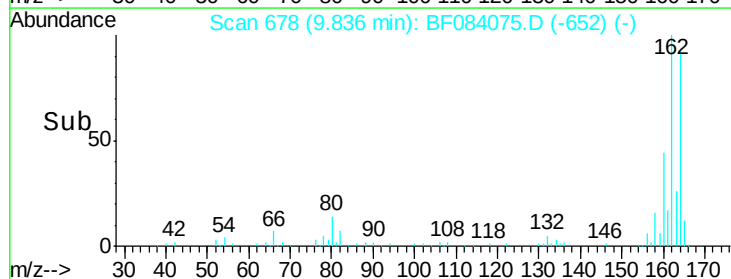
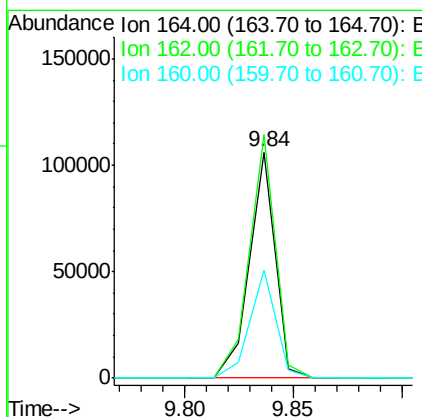
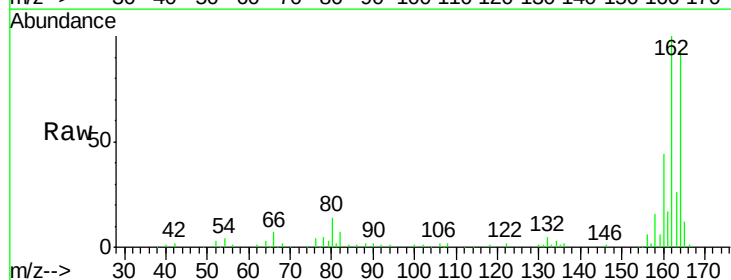
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

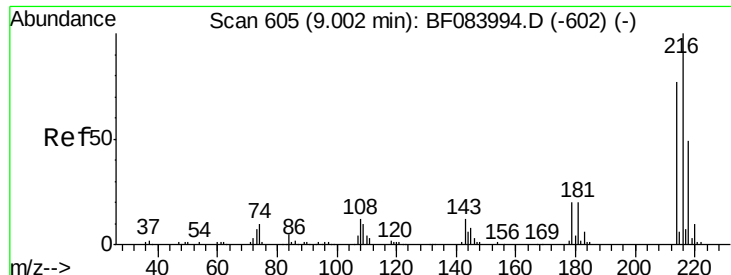
Tot Ion:142 Resp: 16144  
Ion Ratio Lower Upper  
142 100  
141 97.8 72.4 108.6  
115 39.7 27.9 41.9



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 9.84 min Scan# 678  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:164 Resp: 87088  
Ion Ratio Lower Upper  
164 100  
162 107.7 85.1 127.7  
160 47.7 37.5 56.3

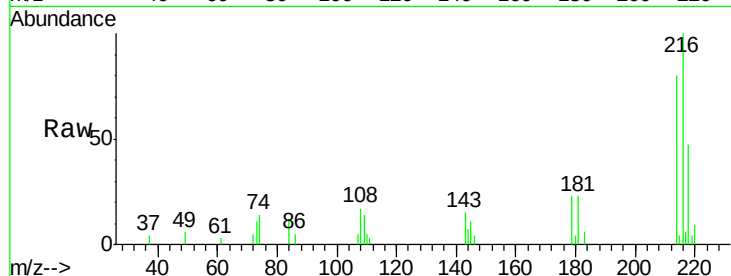




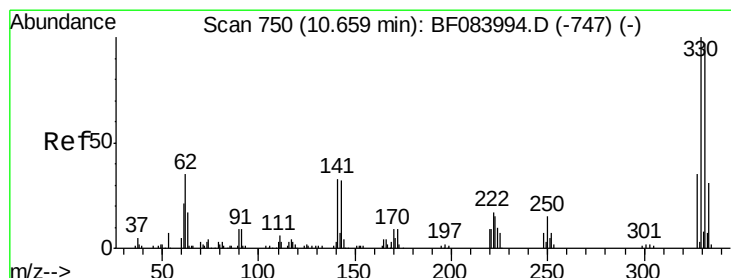
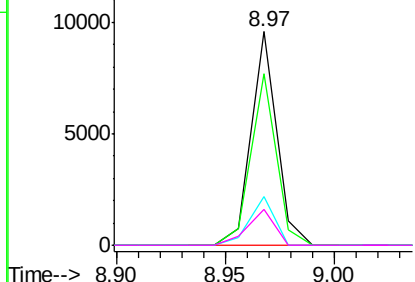
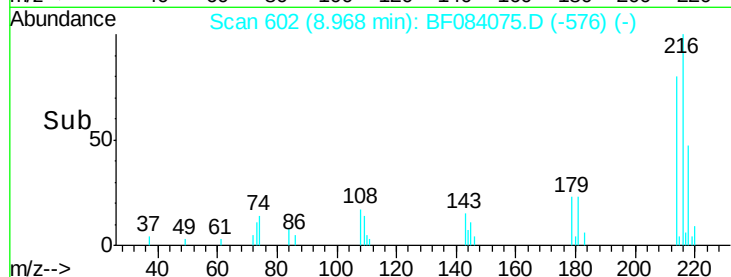
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 2.99 ng  
 RT: 8.97 min Scan# 602  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 7840  |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 79.8  | 64.2  | 96.2  |
| 179      | 21.9  | 18.7  | 28.1  |
| 108      | 17.6  | 16.8  | 25.2  |

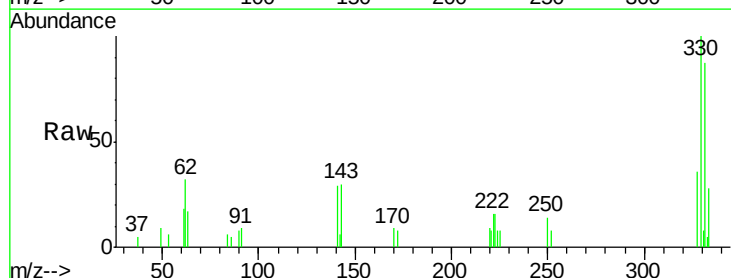


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

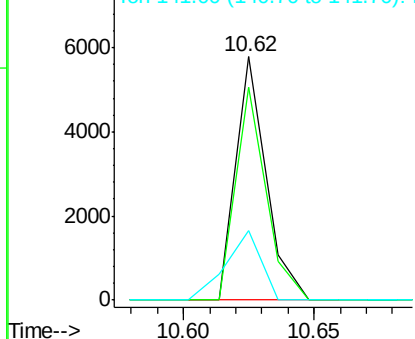
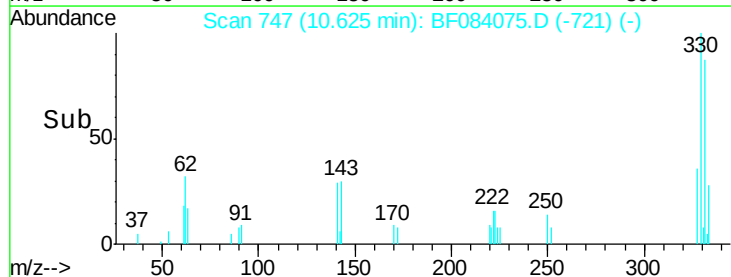


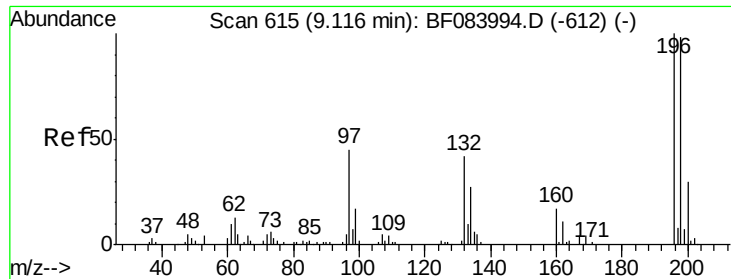
#41  
 2,4,6-Tribromophenol  
 Concen: 5.60 ng  
 RT: 10.62 min Scan# 747  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 330   | Resp: | 4695  |
| Ion      | Ratio | Lower | Upper |
| 330      | 100   |       |       |
| 332      | 87.3  | 76.6  | 114.8 |
| 141      | 33.1  | 27.8  | 41.6  |



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

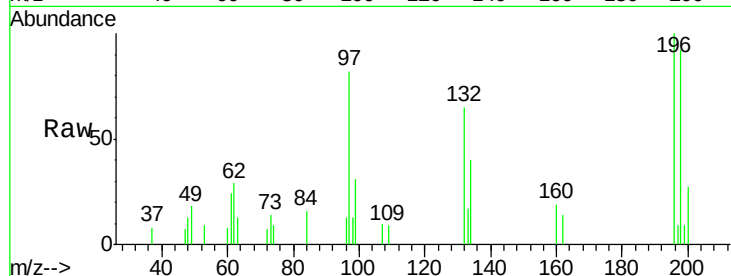




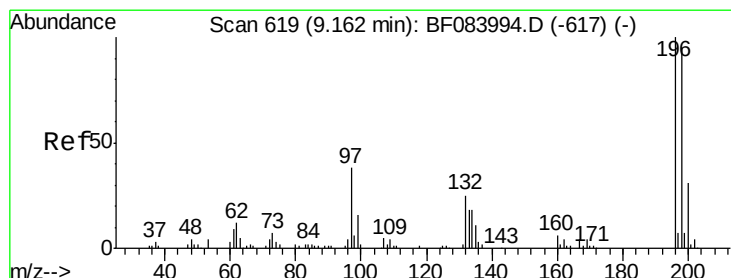
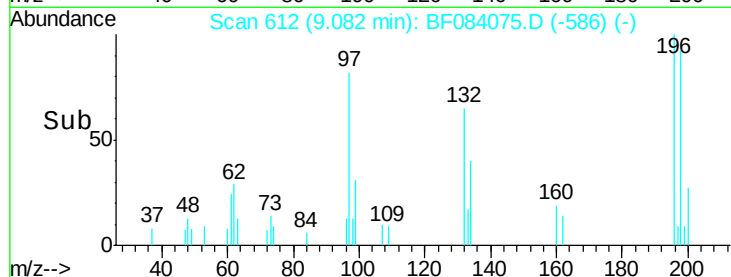
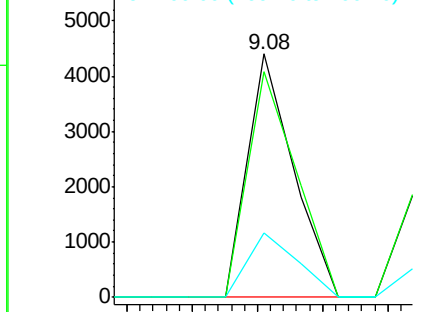
#42  
2,4,6-Trichlorophenol  
Concen: 2.71 ng  
RT: 9.08 min Scan# 612  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

Tot Ion:196 Resp: 4267  
Ion Ratio Lower Upper  
196 100  
198 92.4 77.7 116.5  
200 26.7 24.6 37.0

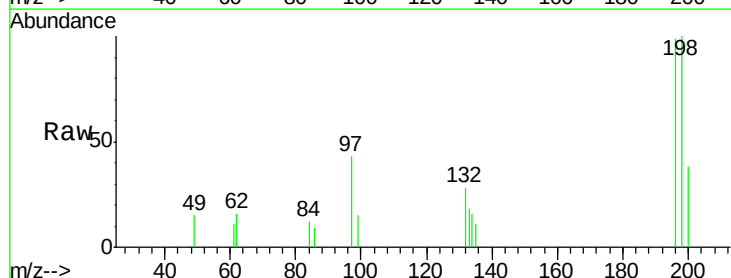


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 200.00 (199.70 to 200.70): E

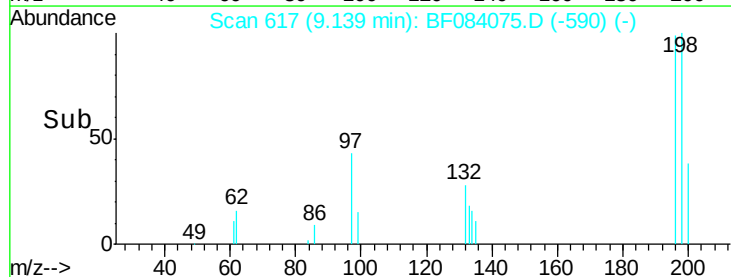
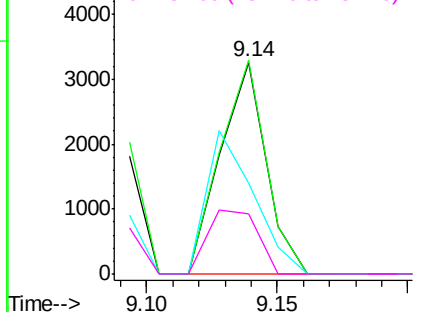


#43  
2,4,5-Trichlorophenol  
Concen: 2.43 ng  
RT: 9.14 min Scan# 617  
Delta R.T. 0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

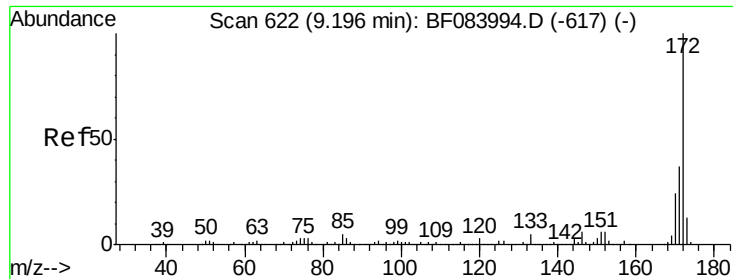
Tgt Ion:196 Resp: 3994  
Ion Ratio Lower Upper  
196 100  
198 101.1 79.0 118.6  
97 43.0 33.0 49.6  
132 28.5 21.1 31.7



Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BF0  
Ion 132.00 (131.70 to 132.70): E



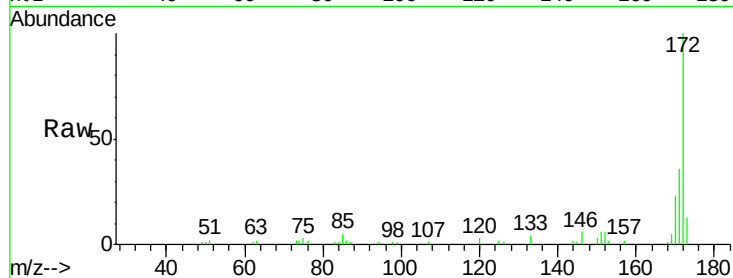




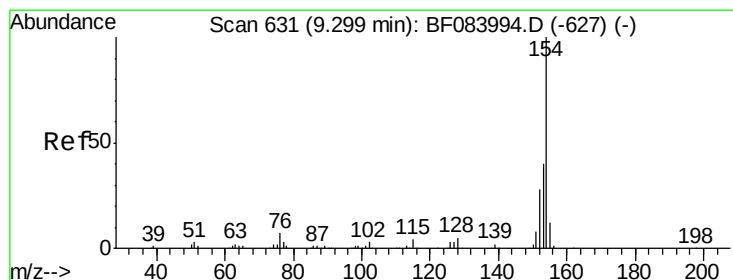
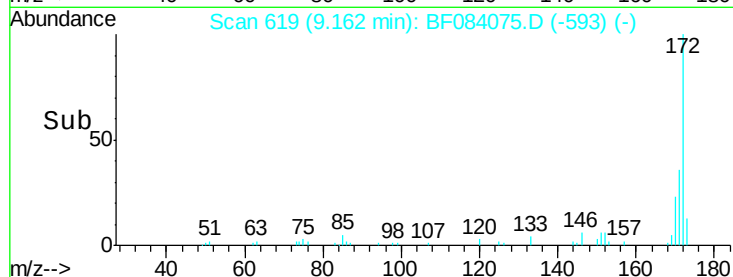
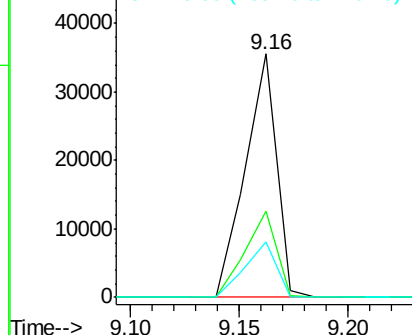
#44  
2-Fluorobiphenyl  
Concen: 5.46 ng  
RT: 9.16 min Scan# 619  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

Tot Ion:172 Resp: 35332  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.9 43.3  
170 22.9 18.6 27.8

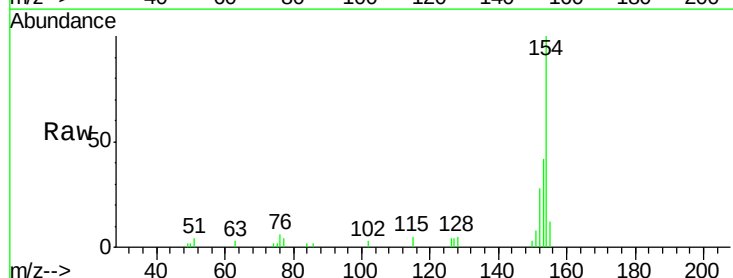


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

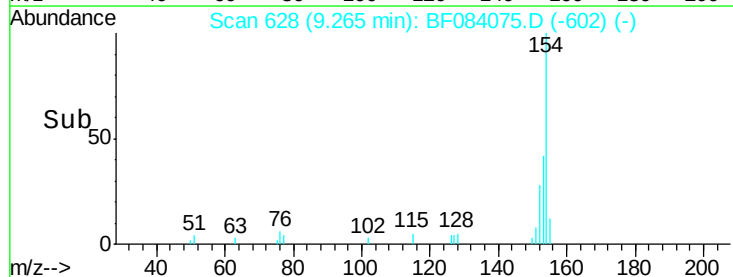
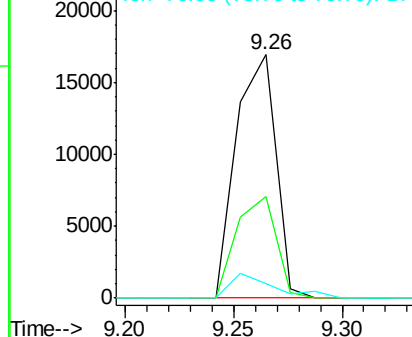


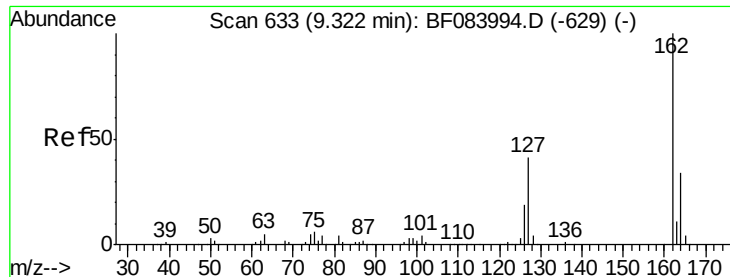
#45  
1,1'-Biphenyl  
Concen: 2.78 ng  
RT: 9.26 min Scan# 628  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:154 Resp: 21383  
Ion Ratio Lower Upper  
154 100  
153 41.8 21.6 61.6  
76 6.2 0.0 32.7



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

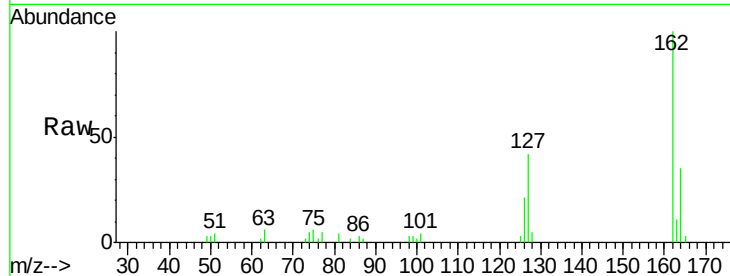




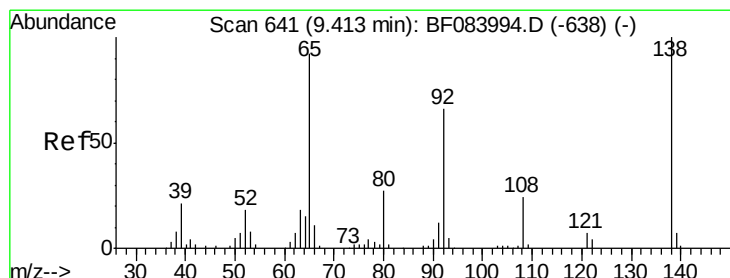
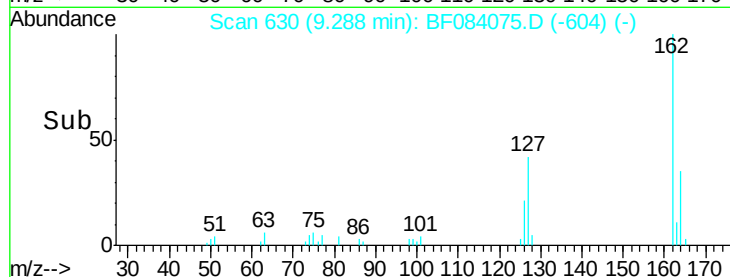
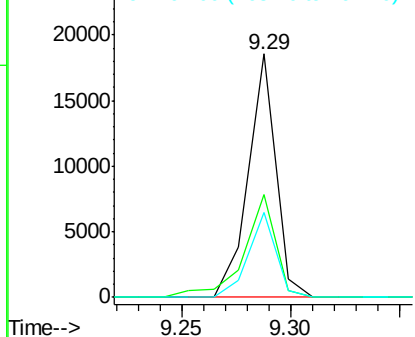
#46  
 2-Chloronaphthalene  
 Concen: 2.96 ng  
 RT: 9.29 min Scan# 630  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:162 Resp: 16387  
 Ion Ratio Lower Upper  
 162 100  
 127 42.2 40.2 60.4  
 164 34.6 25.7 38.5

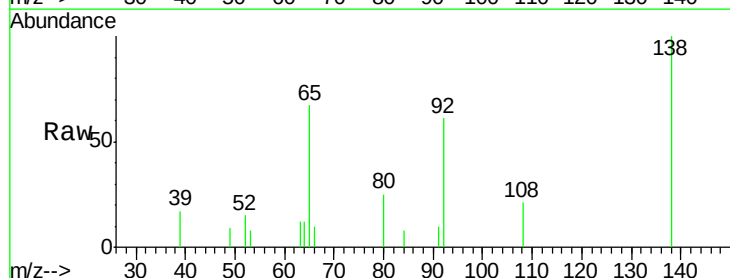


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 127.00 (126.70 to 127.70): E  
 Ion 164.00 (163.70 to 164.70): E

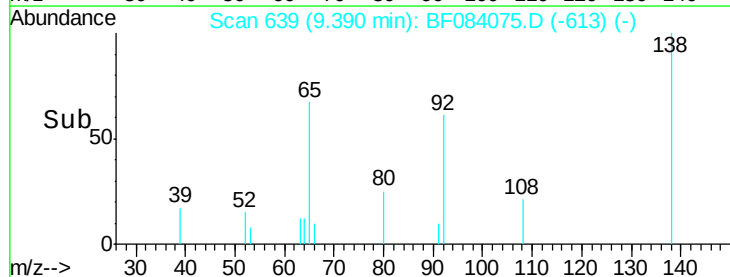
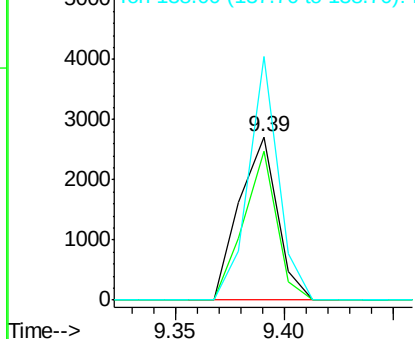


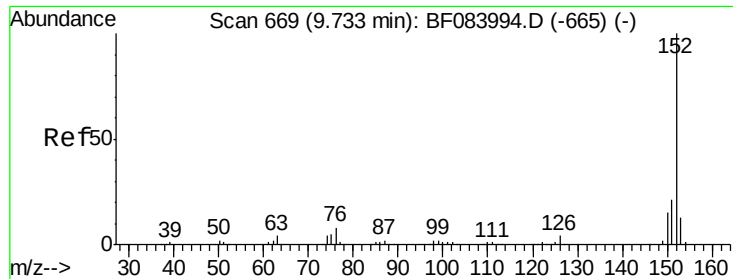
#47  
 2-Nitroaniline  
 Concen: 2.19 ng  
 RT: 9.39 min Scan# 639  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion: 65 Resp: 3310  
 Ion Ratio Lower Upper  
 65 100  
 92 91.5 53.4 80.2#  
 138 149.0 71.1 106.7#



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: 3.12 ng

RT: 9.70 min Scan# 666

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC02.5

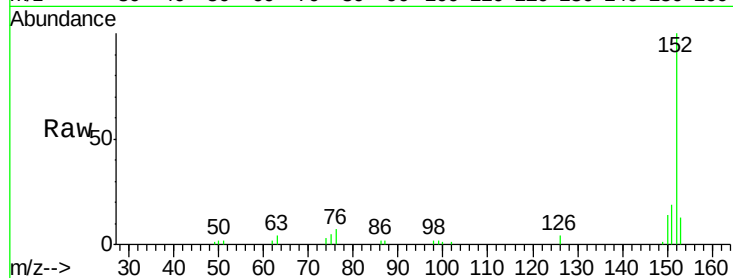
Tot Ion:152 Resp: 27368

Ion Ratio Lower Upper

152 100

151 19.4 16.3 24.5

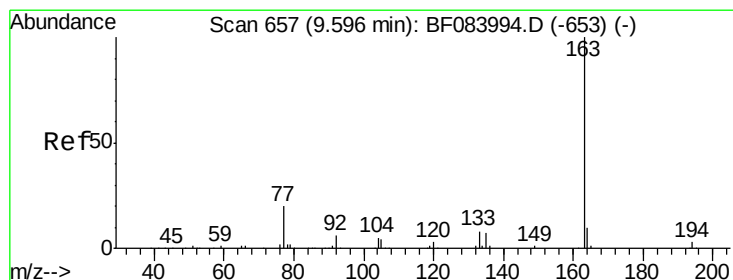
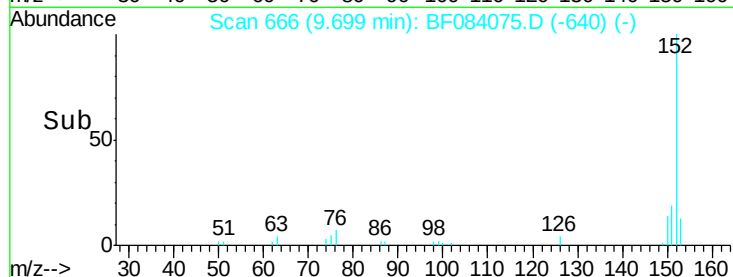
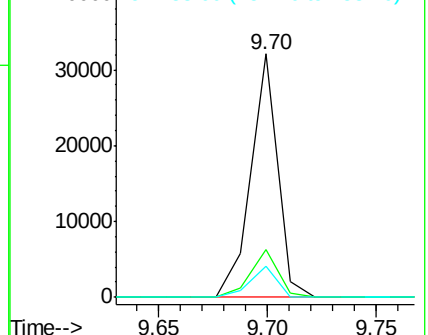
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.82 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

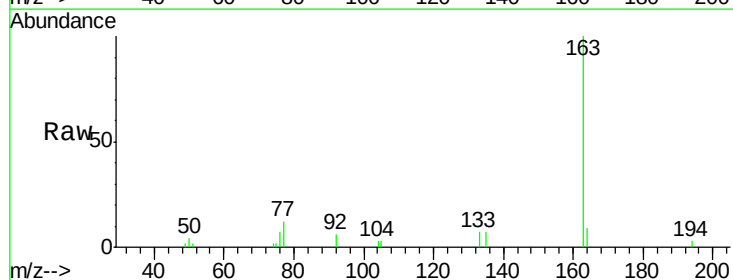
Tgt Ion:163 Resp: 19242

Ion Ratio Lower Upper

163 100

194 3.3 8.0 12.0#

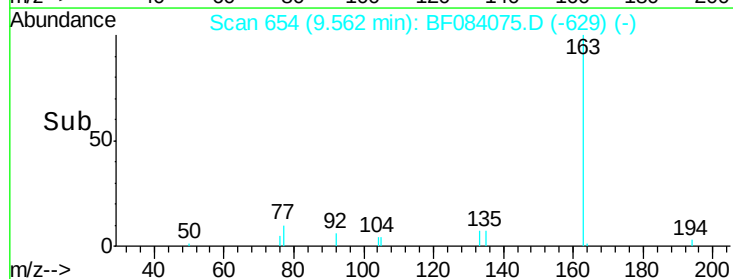
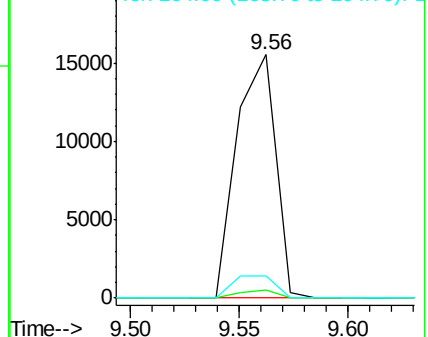
164 9.3 8.0 12.0

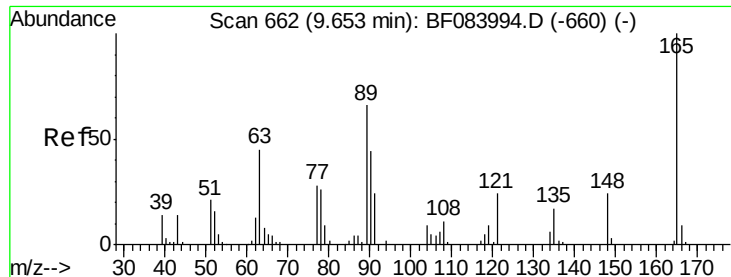


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

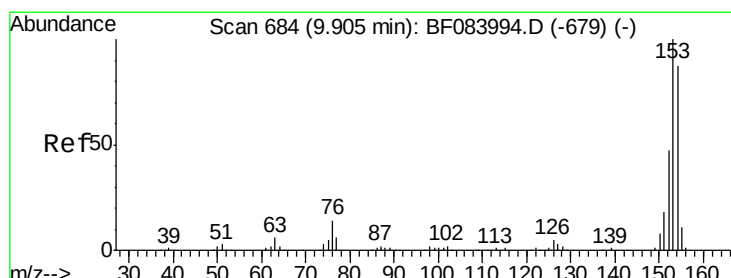
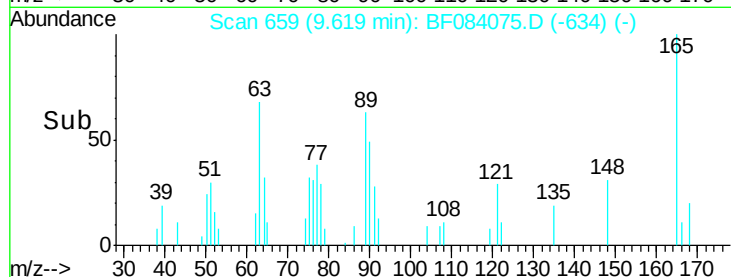
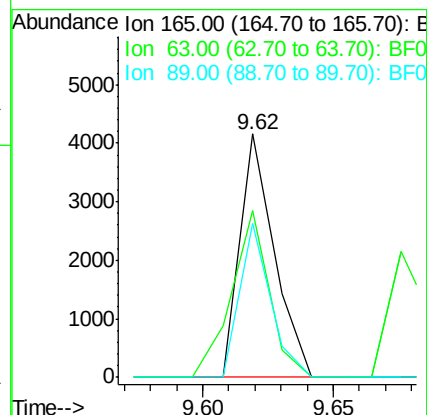
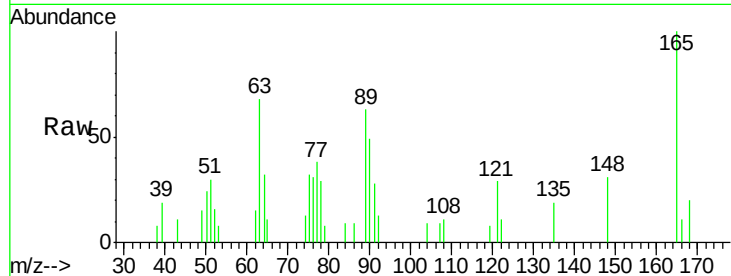




#50  
2,6-Dinitrotoluene  
Concen: 2.67 ng  
RT: 9.62 min Scan# 659  
Delta R.T. -0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

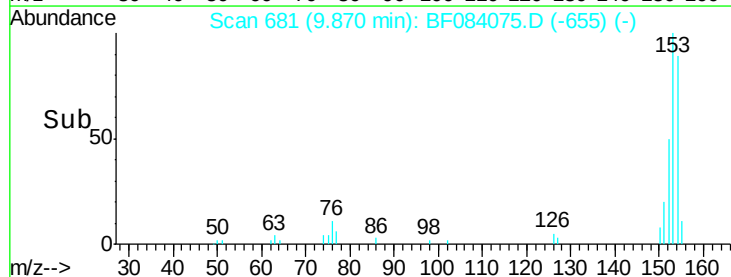
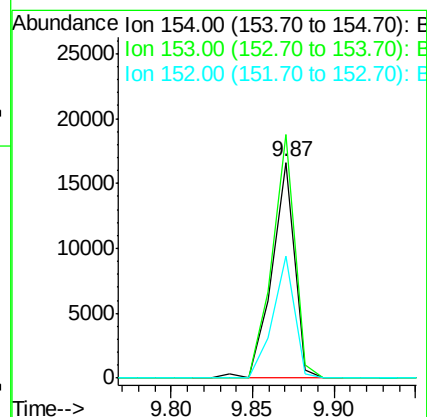
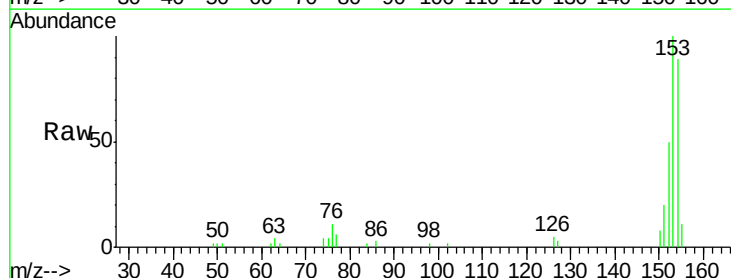
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

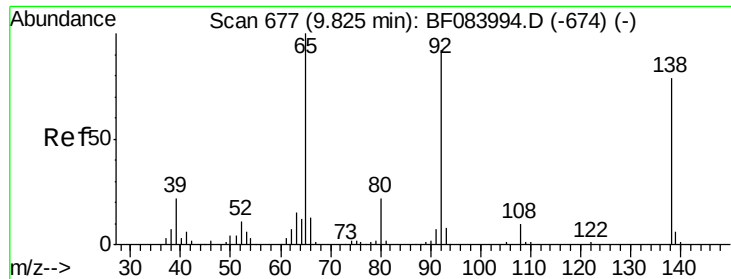
Tot Ion:165 Resp: 3837  
Ion Ratio Lower Upper  
165 100  
63 68.3 28.8 43.2#  
89 63.0 35.1 52.7#



#51  
Acenaphthene  
Concen: 3.10 ng  
RT: 9.87 min Scan# 681  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:154 Resp: 16185  
Ion Ratio Lower Upper  
154 100  
153 112.9 91.5 137.3  
152 56.3 43.0 64.6

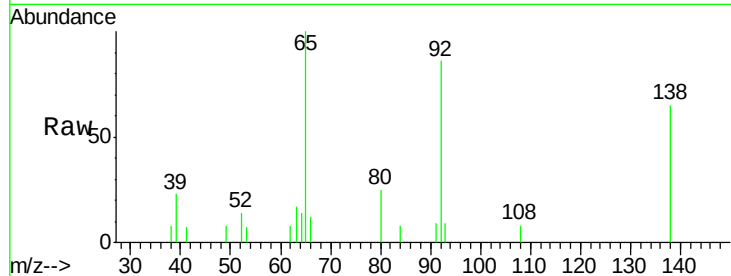




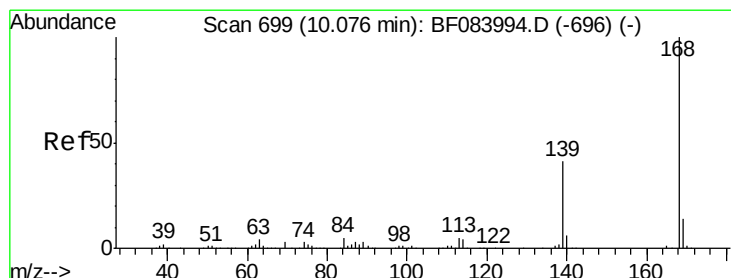
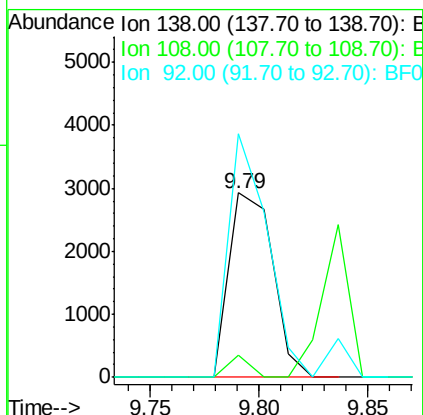
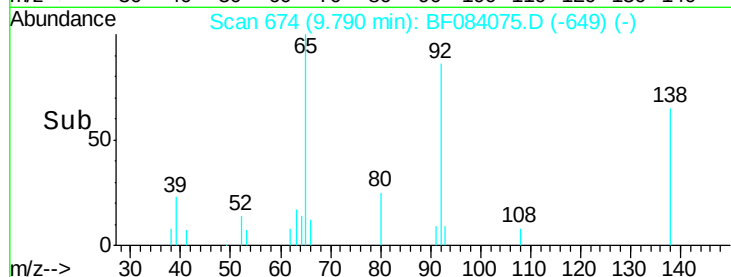
#52  
3-Nitroaniline  
Concen: 2.69 ng  
RT: 9.79 min Scan# 674  
Delta R.T. -0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

Tot Ion:138 Resp: 4105  
Ion Ratio Lower Upper  
138 100  
108 12.2 10.5 15.7  
92 131.9 103.9 155.9

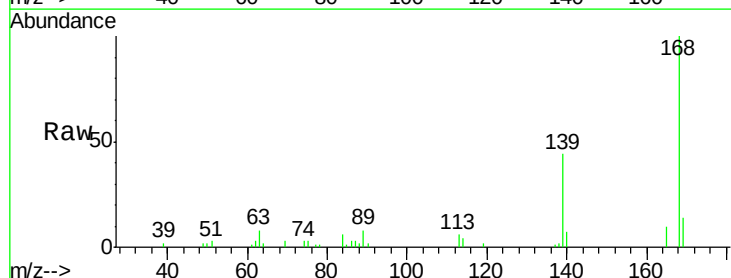


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BF0

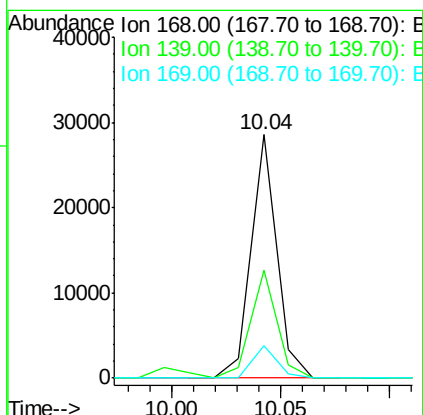
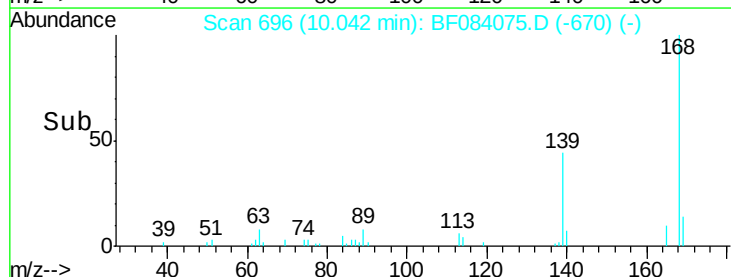


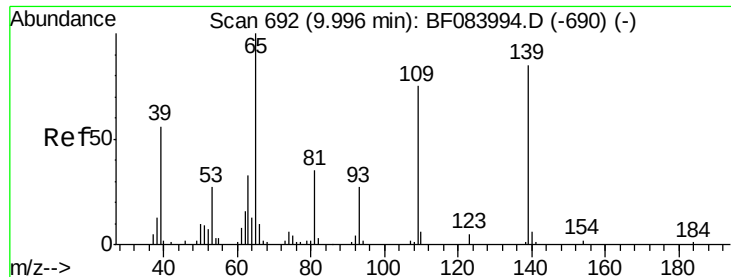
#54  
Dibenzofuran  
Concen: 3.00 ng  
RT: 10.04 min Scan# 696  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:168 Resp: 23440  
Ion Ratio Lower Upper  
168 100  
139 44.3 30.5 45.7  
169 13.5 10.4 15.6



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





#55

4-Nitrophenol

Concen: 1.47 ng

RT: 10.00 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

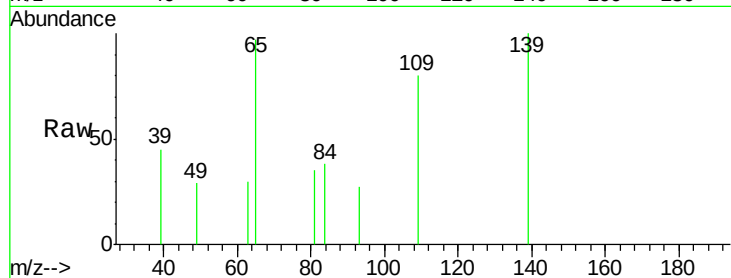
Tot Ion:139 Resp: 1321

Ion Ratio Lower Upper

139 100

109 79.6 58.5 98.5

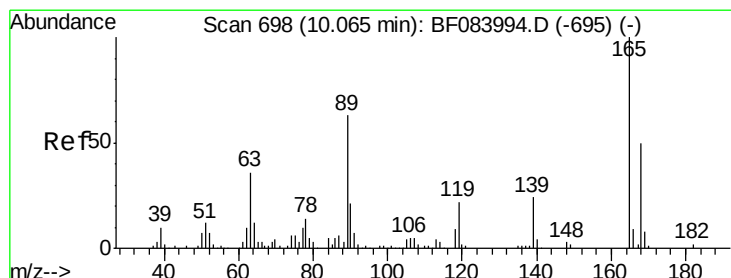
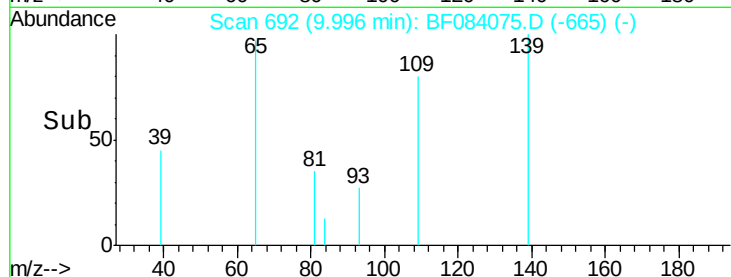
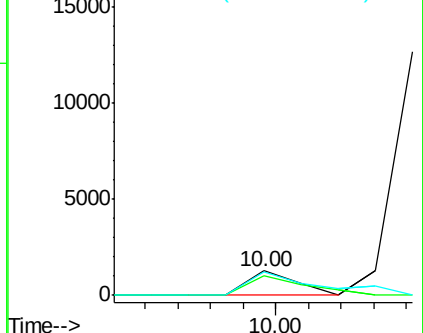
65 96.7 57.6 97.6



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



#56

2,4-Dinitrotoluene

Concen: 2.79 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Tgt Ion:165 Resp: 5037

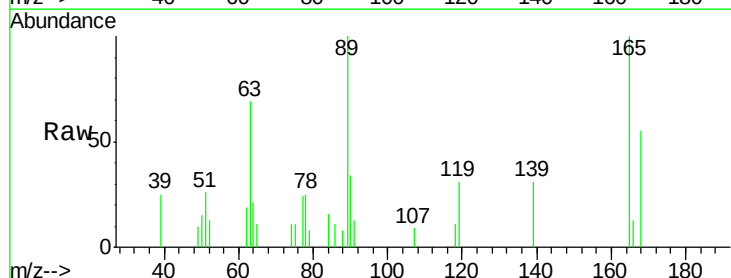
Ion Ratio Lower Upper

165 100

63 68.5 36.7 55.1#

89 100.0 61.9 92.9#

182 0.0 2.0 3.0#

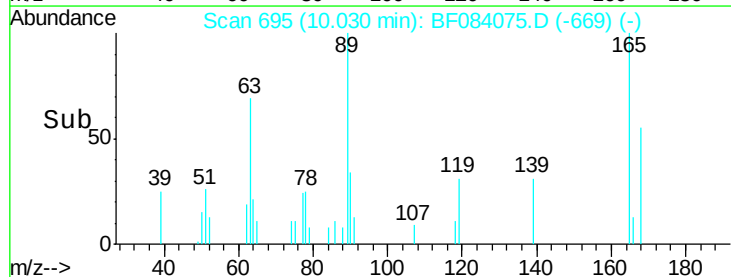
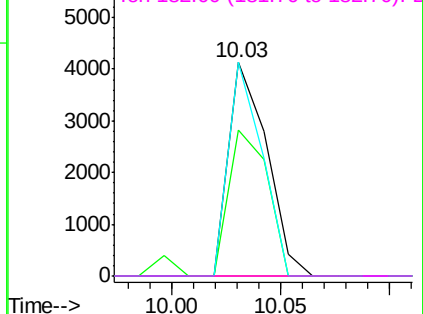


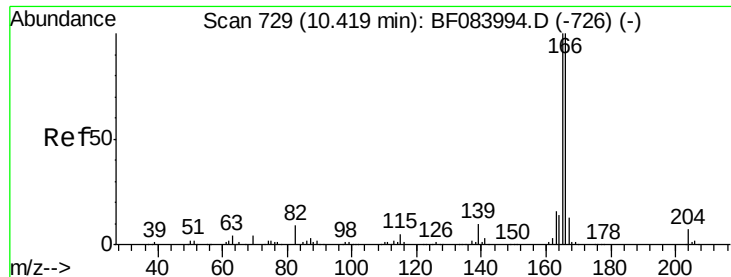
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

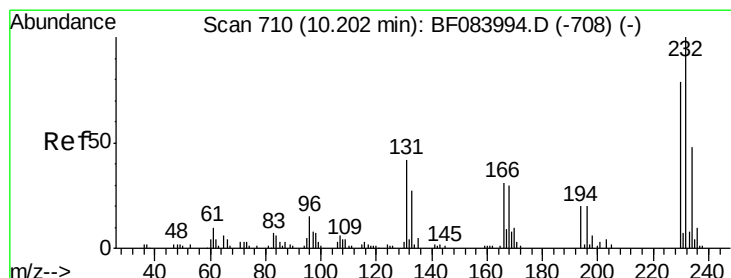
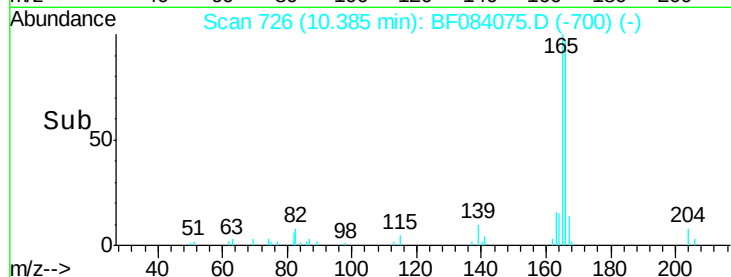
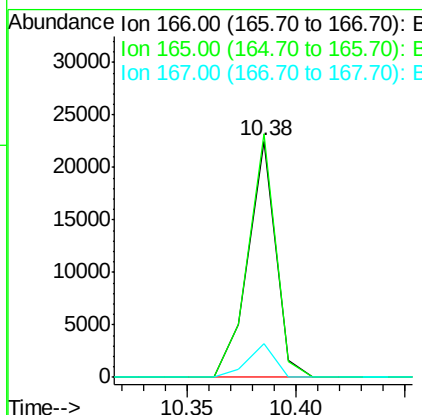
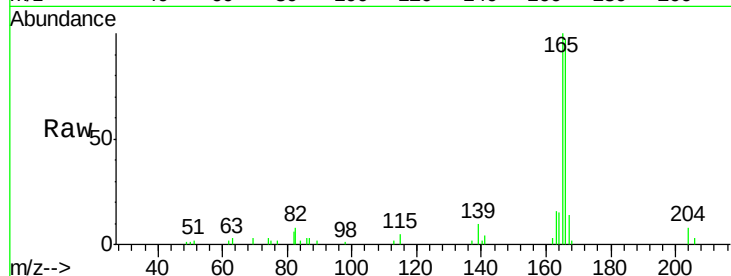




#57  
 Fluorene  
 Concen: 3.23 ng  
 RT: 10.38 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

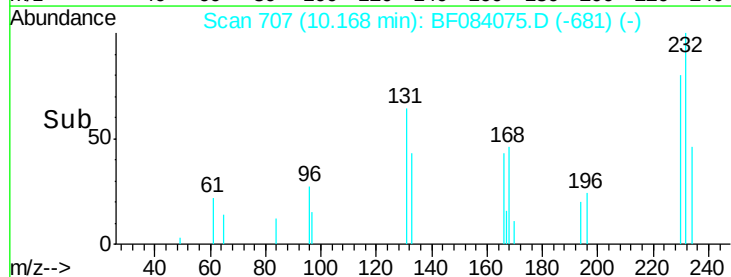
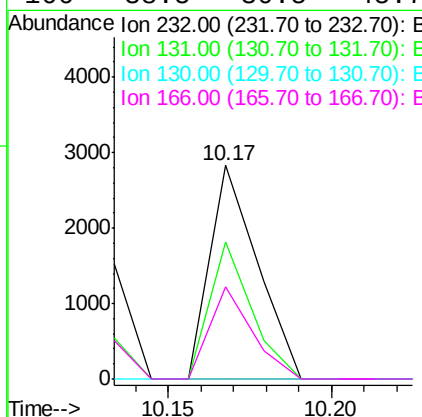
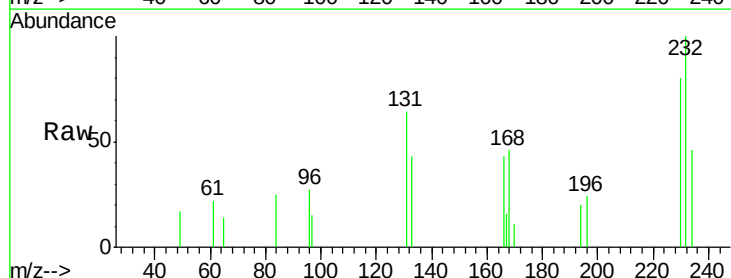
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

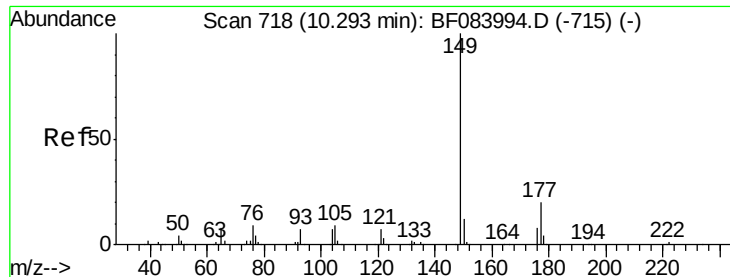
Tot Ion:166 Resp: 19980  
 Ion Ratio Lower Upper  
 166 100  
 165 103.1 79.1 118.7  
 167 14.0 10.4 15.6



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 2.19 ng  
 RT: 10.17 min Scan# 707  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:232 Resp: 2829  
 Ion Ratio Lower Upper  
 232 100  
 131 56.5 47.0 70.6  
 130 0.0 2.0 3.0#  
 166 38.5 30.5 45.7

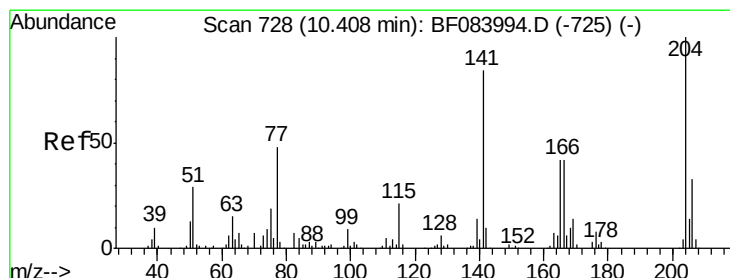
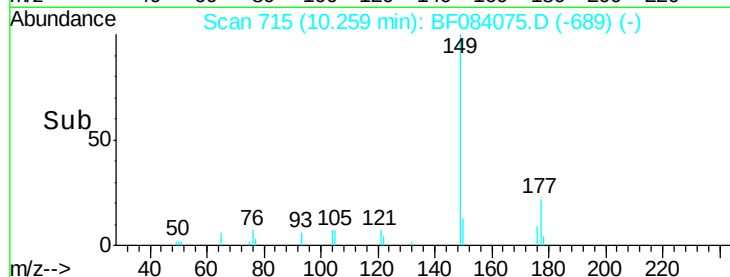
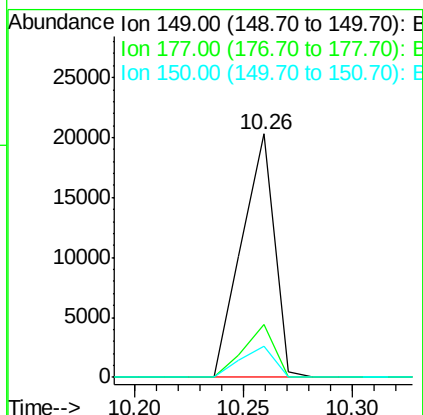
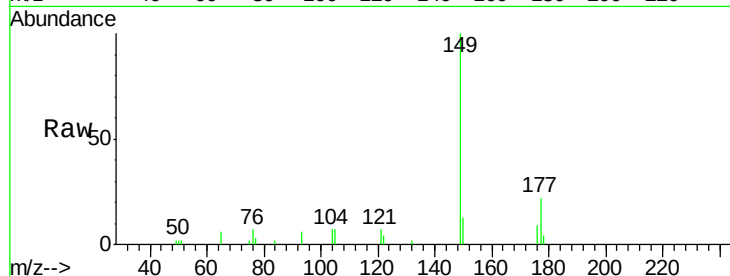




#59  
Diethylphthalate  
Concen: 3.16 ng  
RT: 10.26 min Scan# 715  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

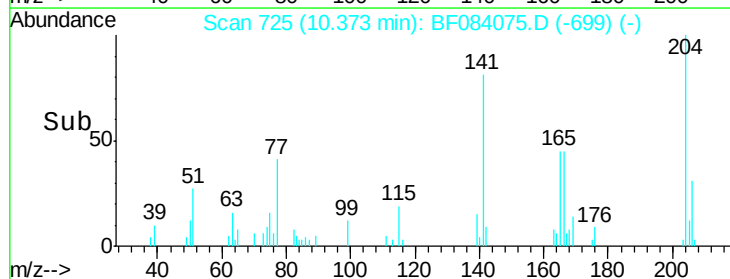
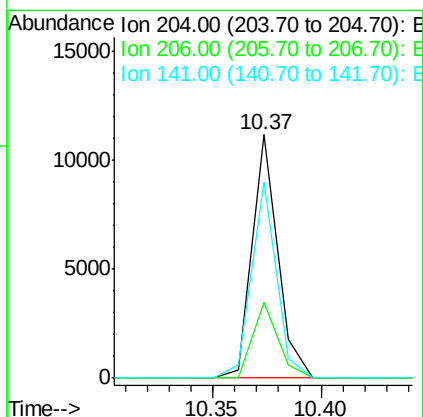
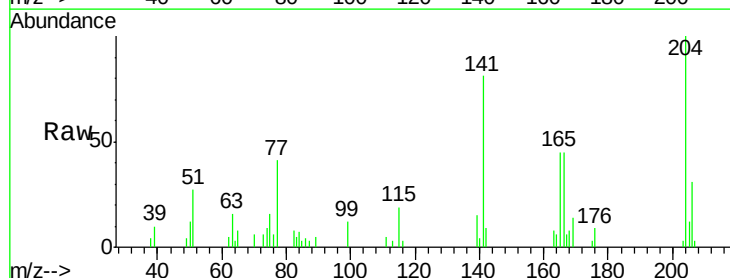
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

Tot Ion:149 Resp: 21160  
Ion Ratio Lower Upper  
149 100  
177 21.7 17.3 25.9  
150 12.7 9.8 14.8

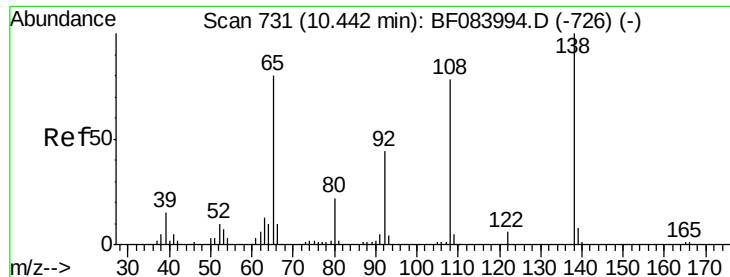


#60  
4-Chlorophenyl-phenylether  
Concen: 3.21 ng  
RT: 10.37 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:204 Resp: 9095  
Ion Ratio Lower Upper  
204 100  
206 31.0 25.7 38.5  
141 80.6 55.1 82.7







#61

4-Nitroaniline

Concen: 2.00 ng

RT: 10.41 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

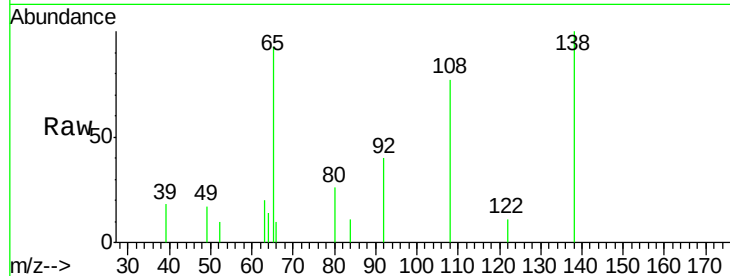
Tot Ion:138 Resp: 3126

Ion Ratio Lower Upper

138 100

92 40.1 32.6 72.6

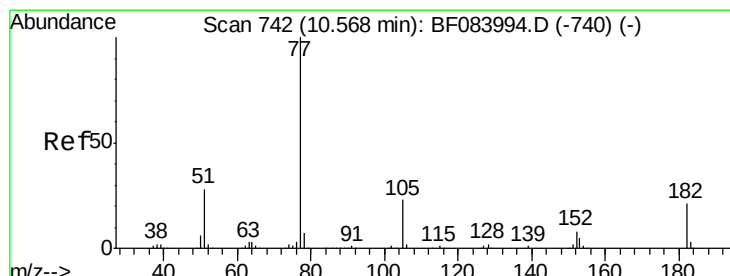
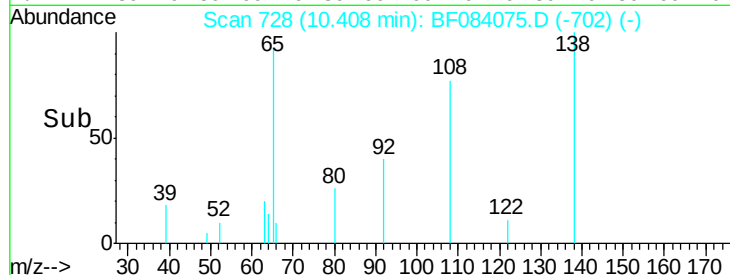
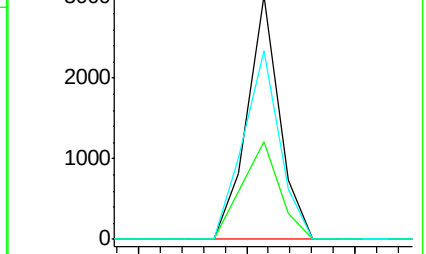
108 77.4 68.6 108.6



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: 2.56 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Tgt Ion: 77 Resp: 15147

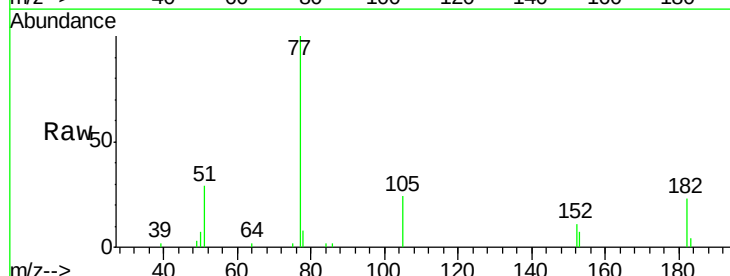
Ion Ratio Lower Upper

77 100

182 22.7 8.3 48.3

105 24.1 4.6 44.6

51 29.4 6.2 46.2

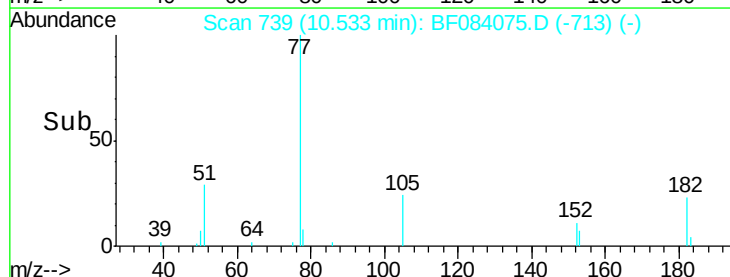
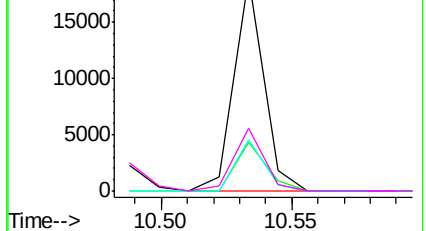


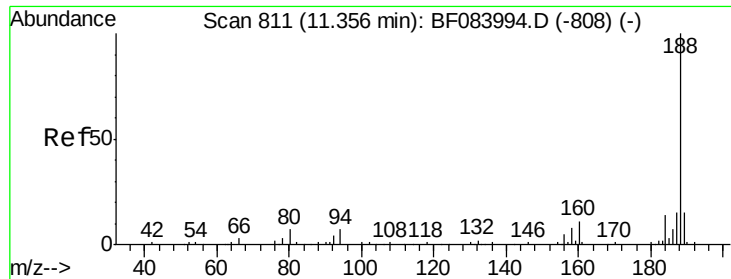
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

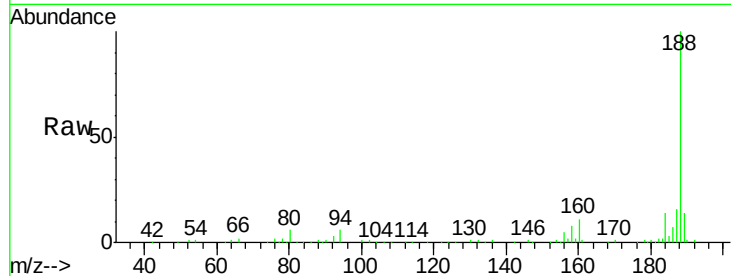




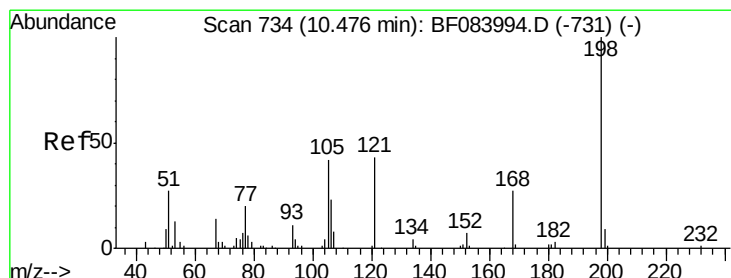
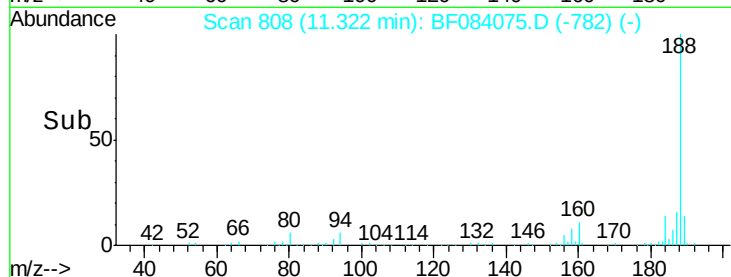
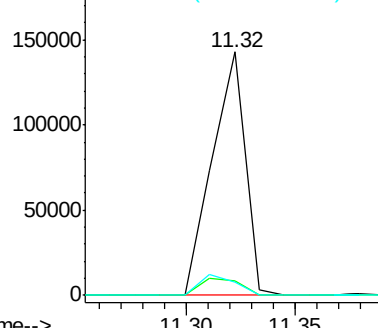
#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 11.32 min Scan# 808  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

Tot Ion:188 Resp: 150991  
Ion Ratio Lower Upper  
188 100  
94 5.8 9.0 13.4#  
80 5.7 9.6 14.4#

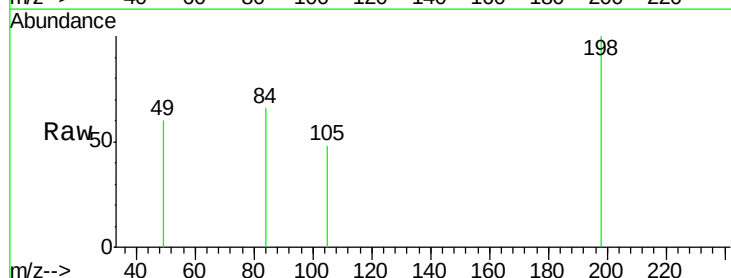


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF0  
Ion 80.00 (79.70 to 80.70): BF0

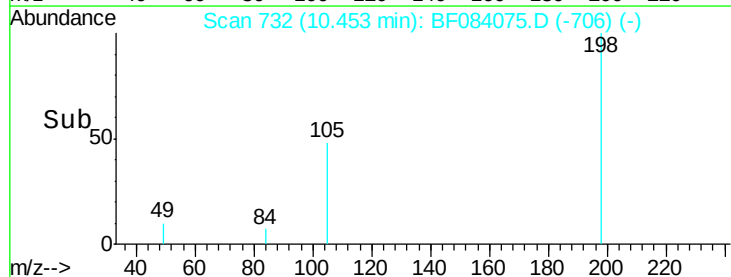
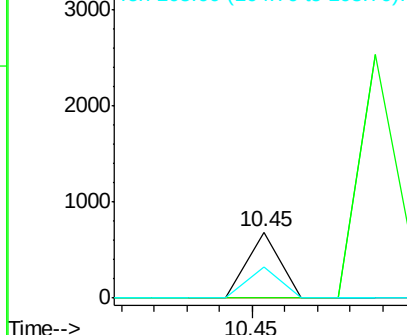


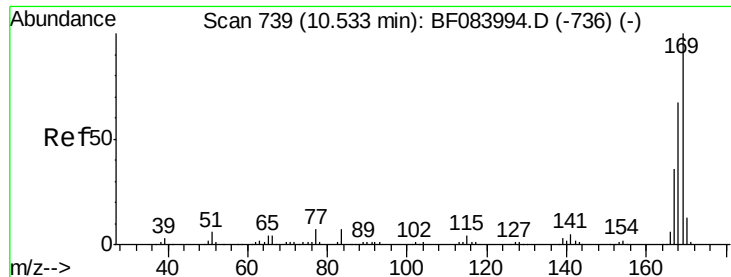
#64  
4,6-Dinitro-2-methylphenol  
Concen: 0.53 ng  
RT: 10.45 min Scan# 732  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:198 Resp: 472  
Ion Ratio Lower Upper  
198 100  
51 0.0 18.9 58.9#  
105 47.8 26.4 66.4



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

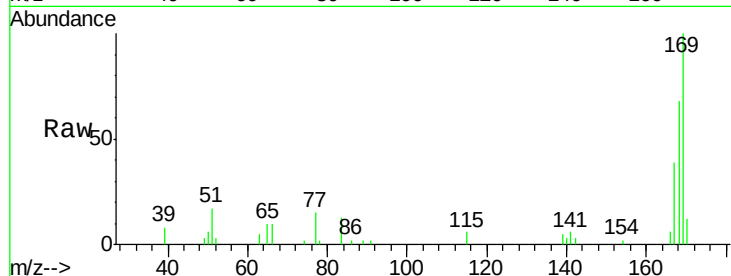




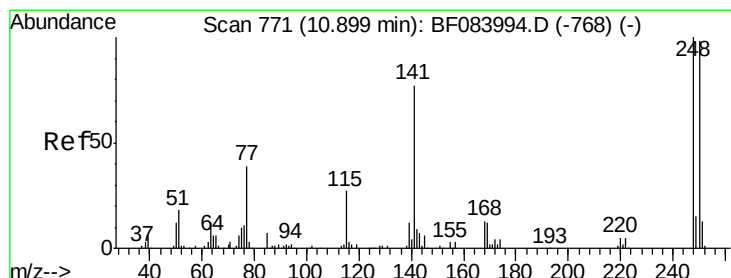
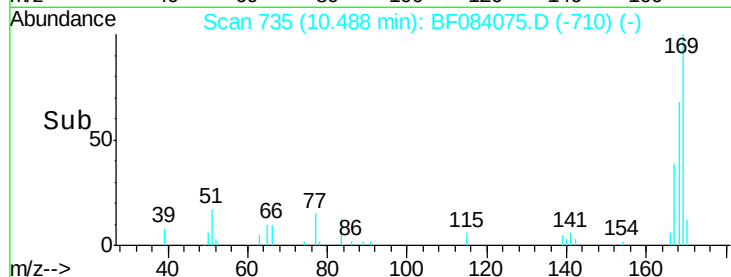
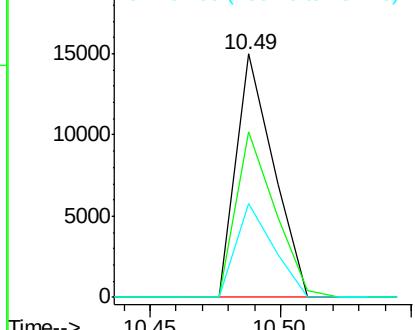
#65  
 n-Nitrosodiphenylamine  
 Concen: 2.70 ng  
 RT: 10.49 min Scan# 735  
 Delta R.T. -0.01 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:169 Resp: 15039  
 Ion Ratio Lower Upper  
 169 100  
 168 68.0 55.1 82.7  
 167 38.5 30.0 45.0

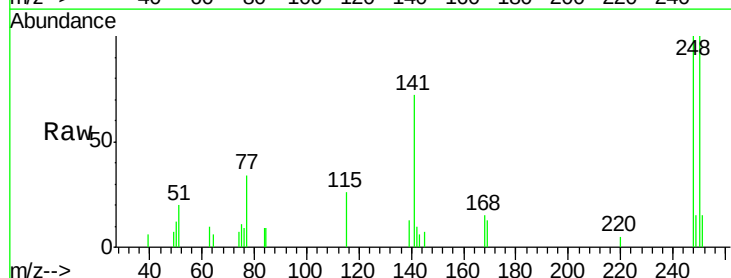


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

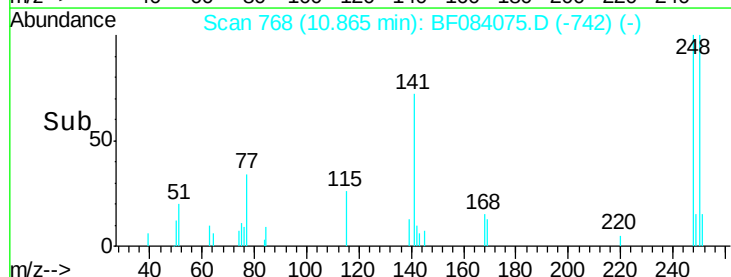
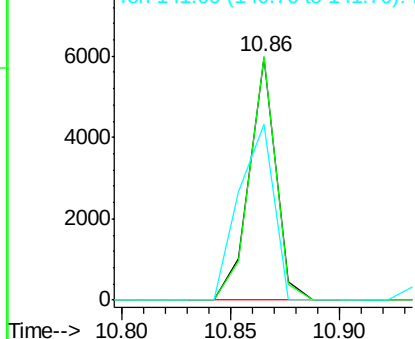


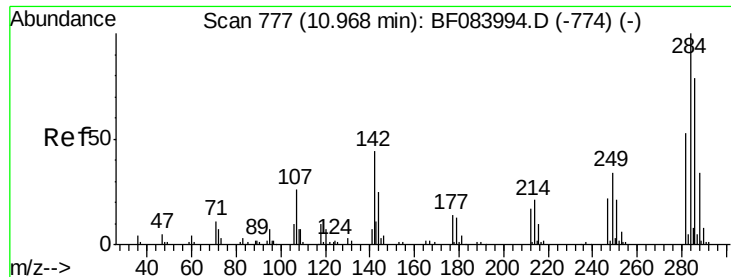
#66  
 4-Bromophenyl-phenylether  
 Concen: 2.94 ng  
 RT: 10.86 min Scan# 768  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:248 Resp: 5094  
 Ion Ratio Lower Upper  
 248 100  
 250 100.3 78.4 117.6  
 141 72.2 44.0 66.0#



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

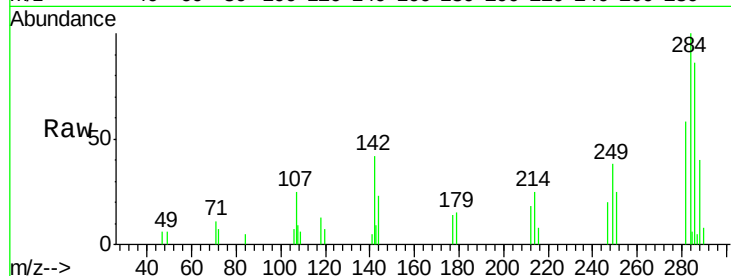




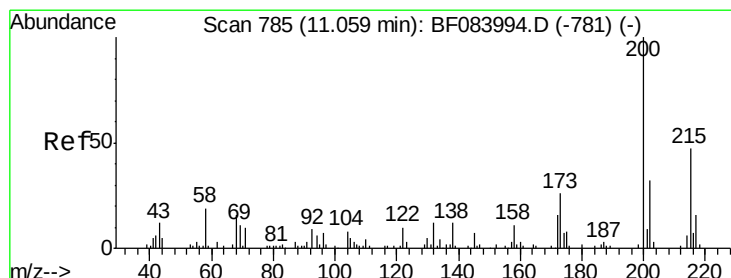
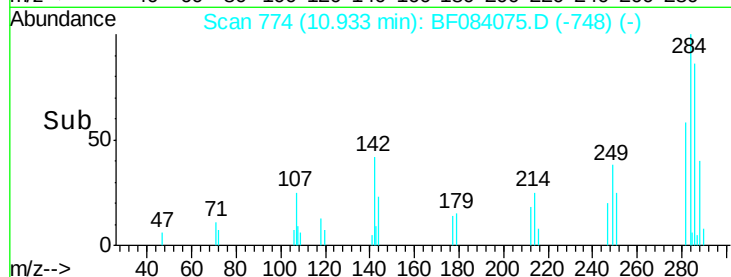
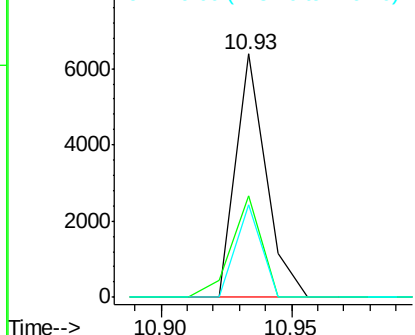
#67  
Hexachlorobenzene  
Concen: 2.74 ng  
RT: 10.93 min Scan# 774  
Delta R.T. 0.00 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

Tot Ion:284 Resp: 5170  
Ion Ratio Lower Upper  
284 100  
142 41.5 22.2 33.4#  
249 37.8 24.6 37.0#

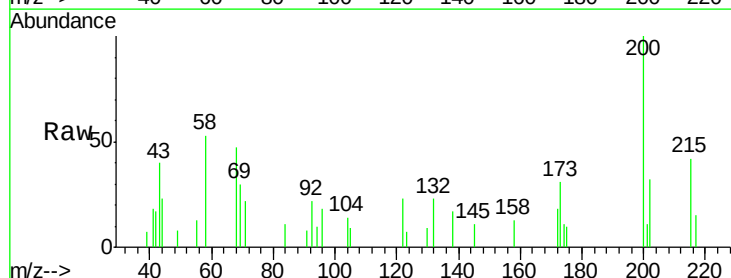


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

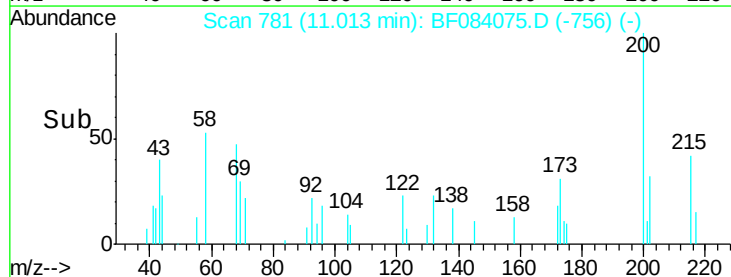
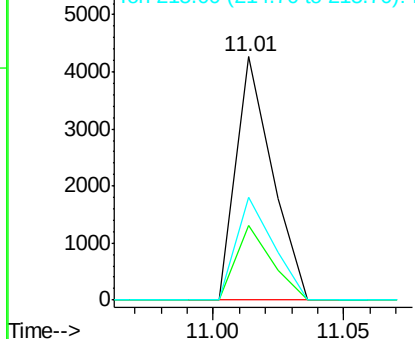


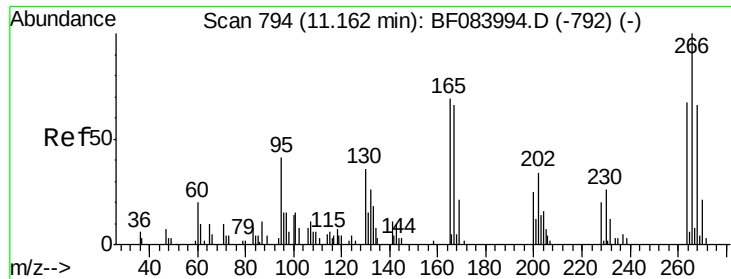
#68  
Atrazine  
Concen: 2.46 ng  
RT: 11.01 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:200 Resp: 4148  
Ion Ratio Lower Upper  
200 100  
173 30.6 9.5 49.5  
215 42.3 23.8 63.8



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

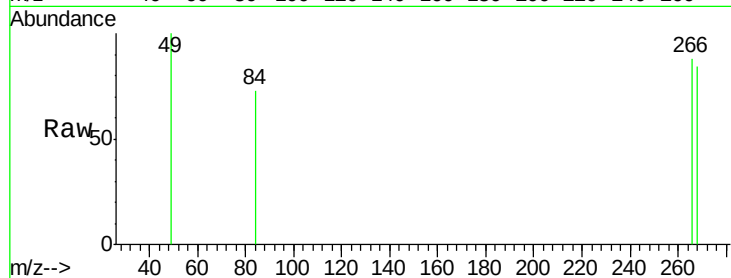




#69  
 Pentachlorophenol  
 Concen: 0.47 ng  
 RT: 11.14 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

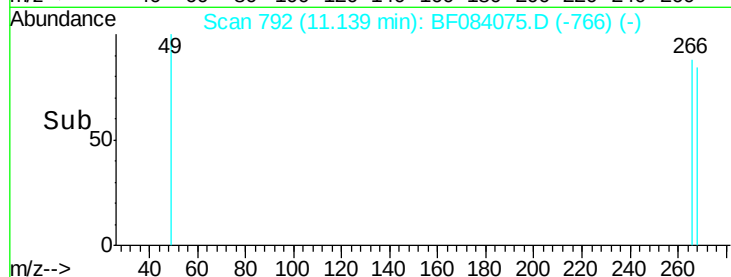
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:266 Resp: 276  
 Ion Ratio Lower Upper  
 266 100  
 268 95.5 52.4 78.6#  
 264 0.0 50.2 75.2#

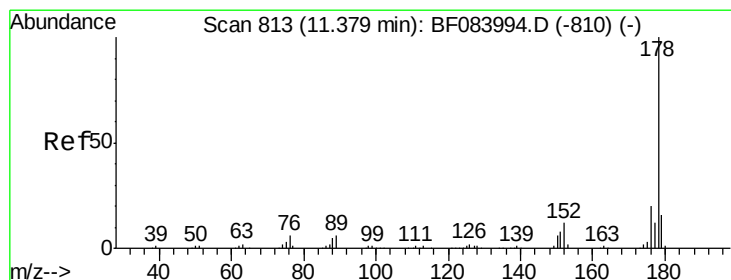


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

11.14

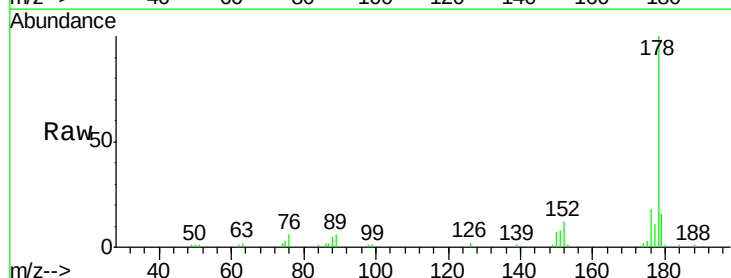


Time--> 11.10 11.15



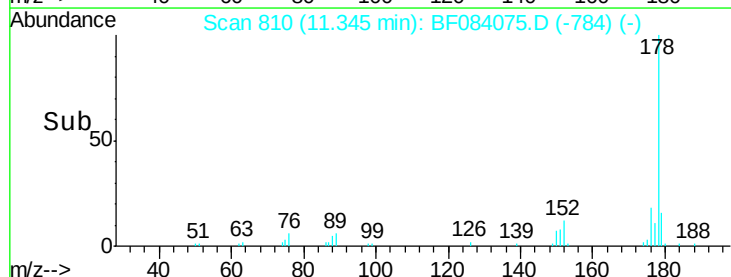
#70  
 Phenanthrene  
 Concen: 6.19 ng  
 RT: 11.34 min Scan# 810  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:178 Resp: 52826  
 Ion Ratio Lower Upper  
 178 100  
 176 18.2 15.3 22.9  
 179 15.6 12.0 18.0

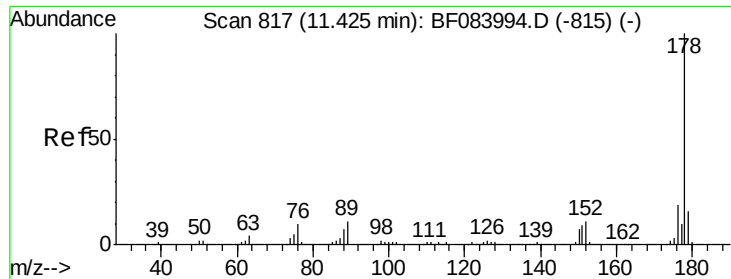


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

11.34



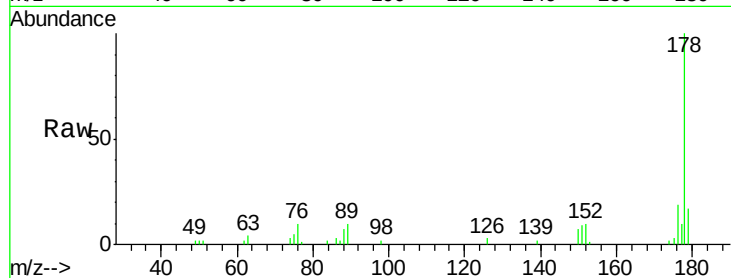
Time--> 11.25 11.30 11.35 11.40



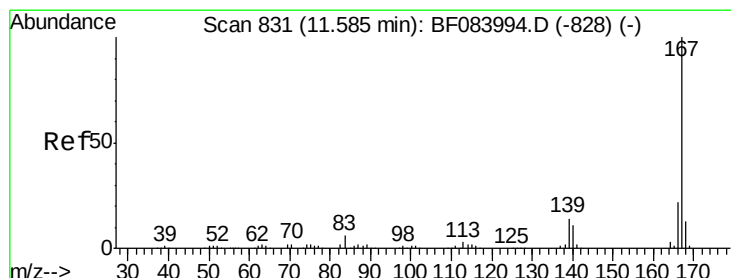
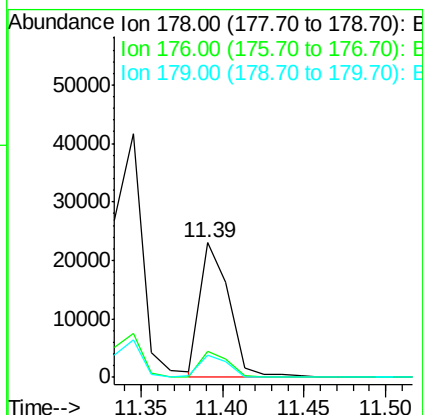
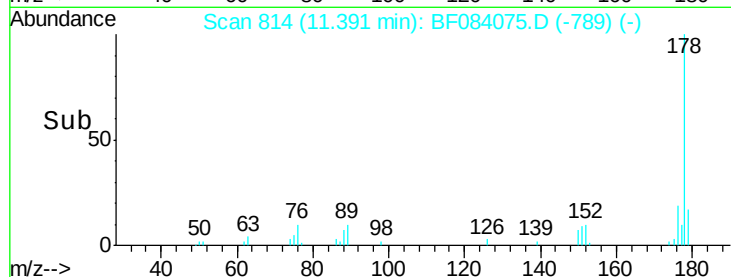
#71  
 Anthracene  
 Concen: 3.36 ng  
 RT: 11.39 min Scan# 814  
 Delta R.T. -0.01 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:178 Resp: 29162  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.4 23.0  
 179 16.7 12.5 18.7

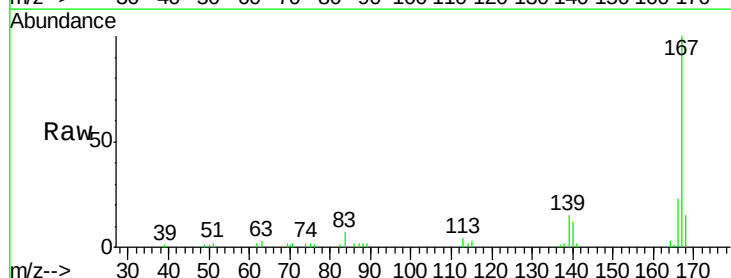


Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 176.00 (175.70 to 176.70): E  
 Ion 179.00 (178.70 to 179.70): E

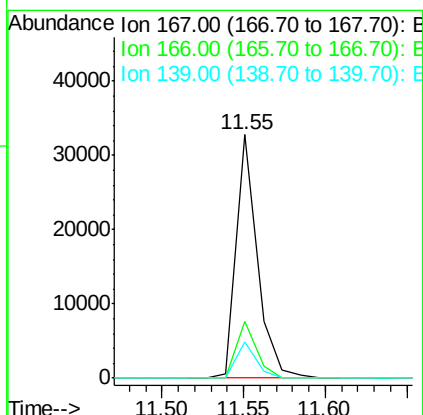
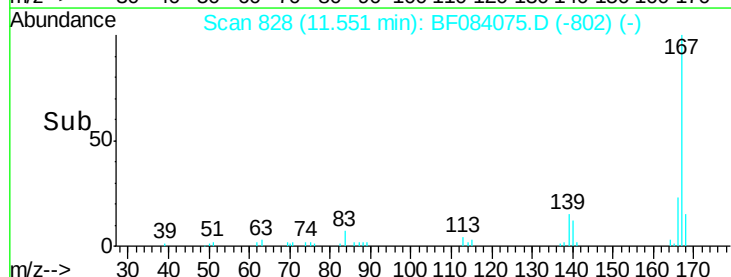


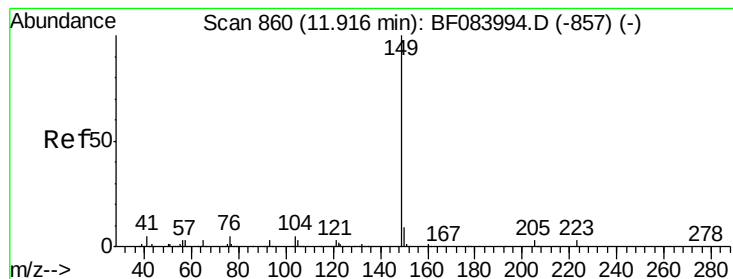
#72  
 Carbazole  
 Concen: 3.59 ng  
 RT: 11.55 min Scan# 828  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:167 Resp: 29066  
 Ion Ratio Lower Upper  
 167 100  
 166 23.3 17.6 26.4  
 139 14.7 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.17 ng

RT: 11.88 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDIC02.5

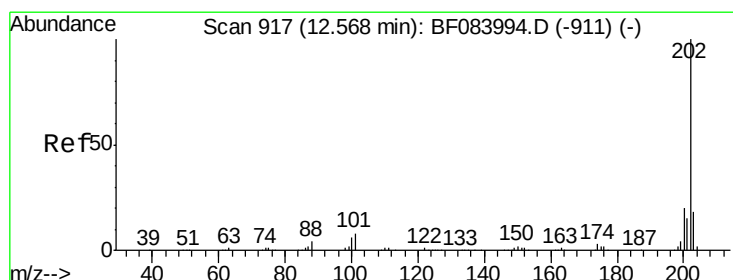
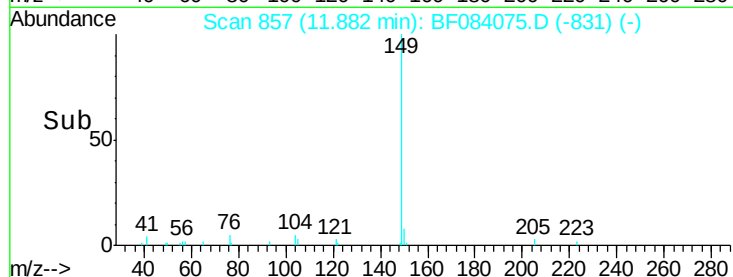
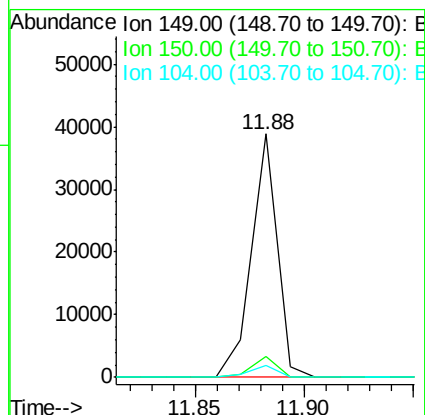
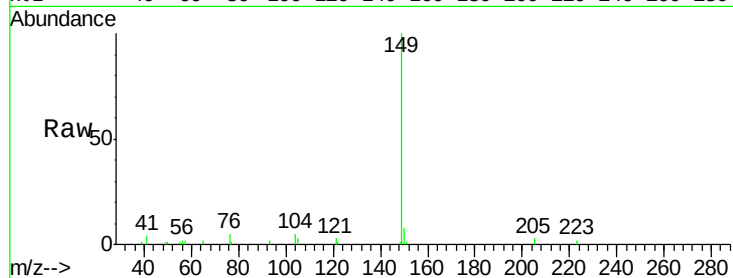
Tot Ion:149 Resp: 31917

Ion Ratio Lower Upper

149 100

150 8.5 7.1 10.7

104 5.0 3.2 4.8#



#74

Fluoranthene

Concen: 8.70 ng

RT: 12.53 min Scan# 914

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

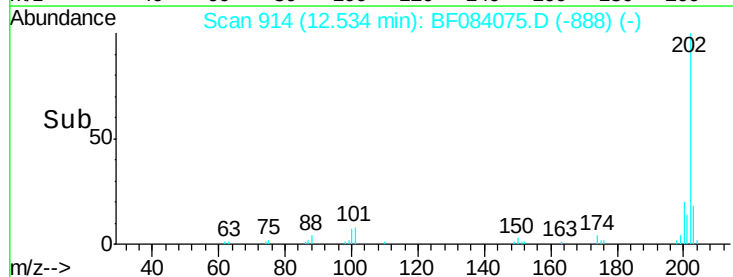
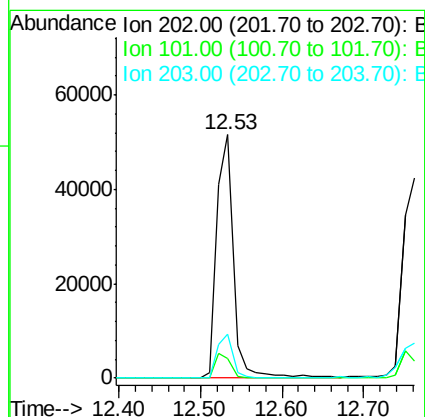
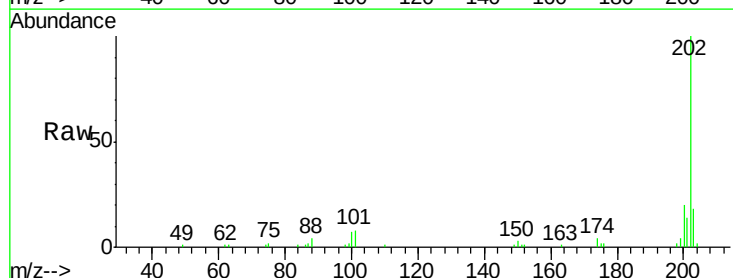
Tgt Ion:202 Resp: 73647

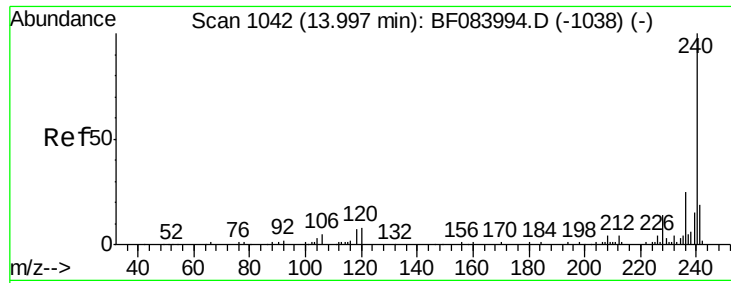
Ion Ratio Lower Upper

202 100

101 8.3 0.0 32.8

203 18.0 0.0 37.9

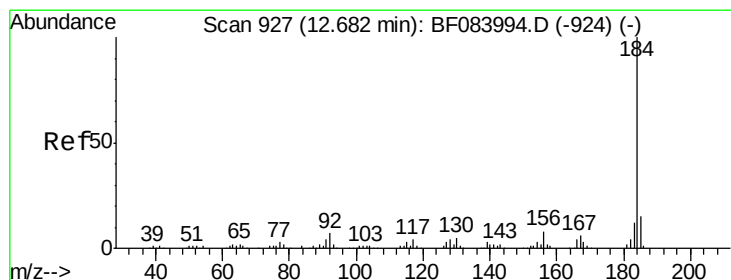
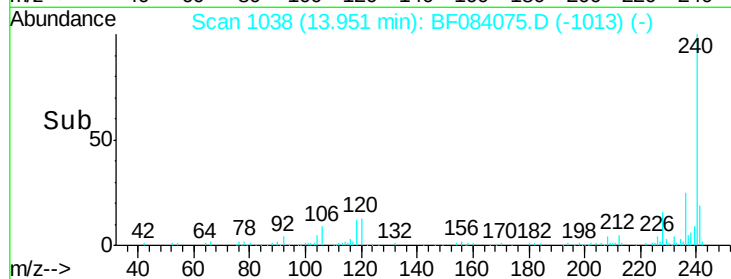
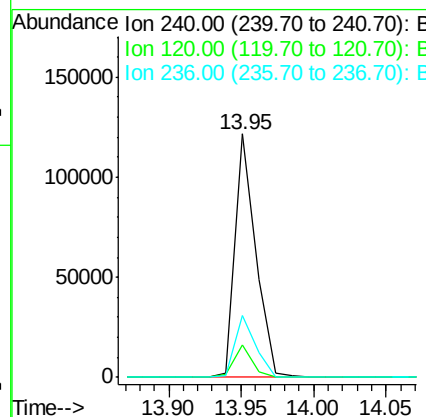
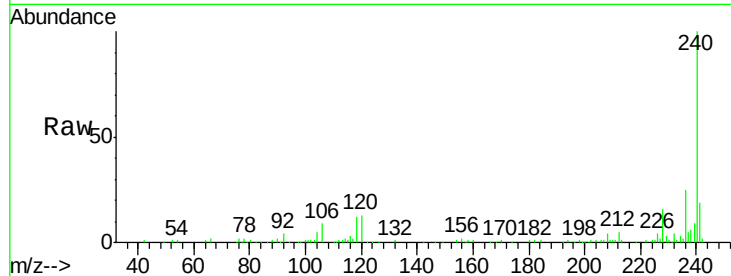




#75  
 Chrysene-d12  
 Concen: 20.00 ng  
 RT: 13.95 min Scan# 1038  
 Delta R.T. -0.01 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

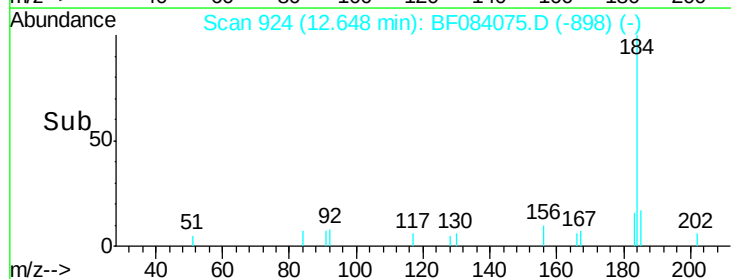
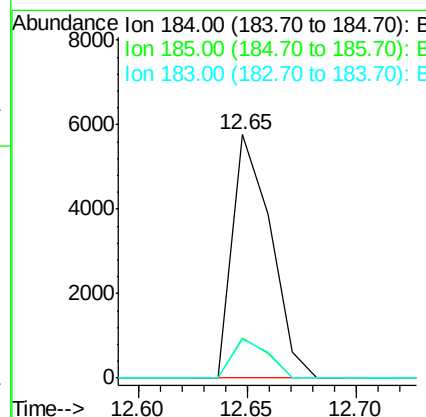
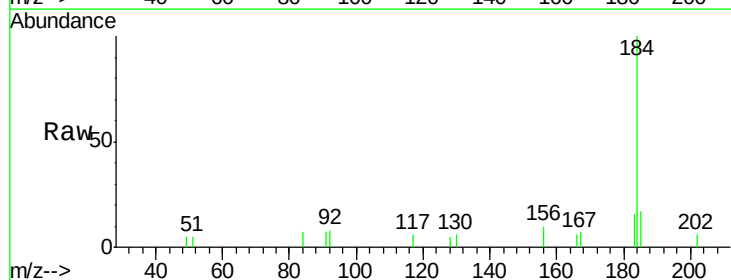
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 240     | 100   |       |       |
| 120     | 13.2  | 9.5   | 14.3  |
| 236     | 25.3  | 20.6  | 31.0  |

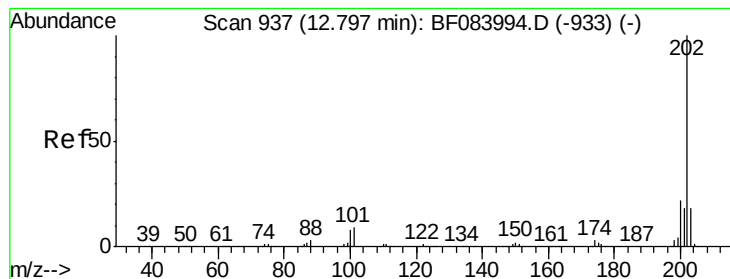


#76  
 Benzidine  
 Concen: 1.63 ng  
 RT: 12.65 min Scan# 924  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 184     | 100   |       |       |
| 185     | 16.5  | 12.2  | 18.2  |
| 183     | 15.8  | 9.8   | 14.8  |







#77

Pvrene

Concen: 7.69 ng

RT: 12.76 min Scan# 934

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

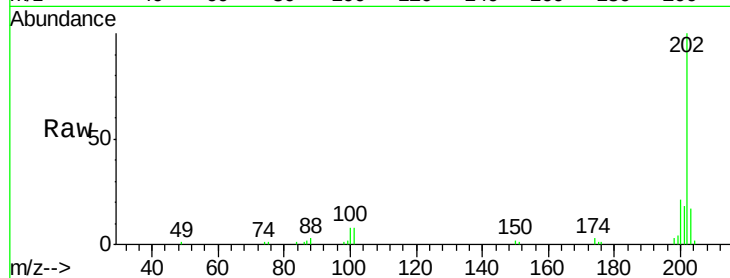
Tot Ion:202 Resp: 63105

Ion Ratio Lower Upper

202 100

200 21.4 17.2 25.8

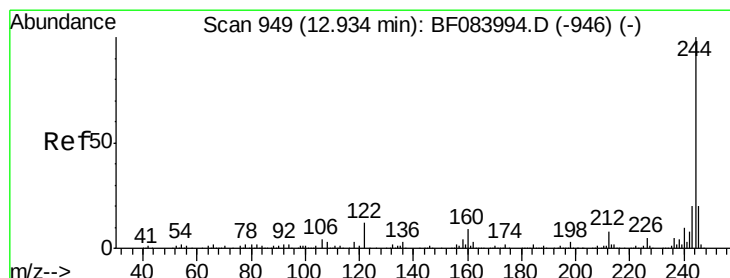
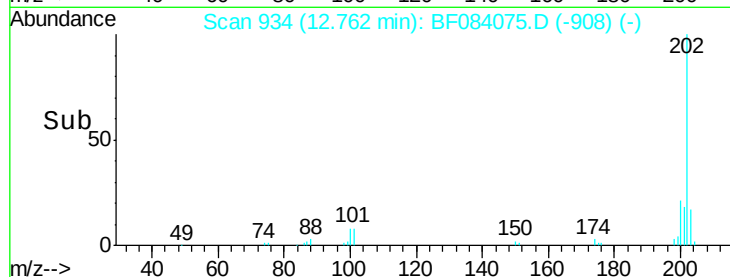
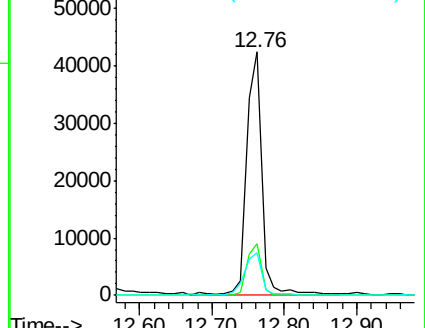
203 17.3 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 7.89 ng

RT: 12.90 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

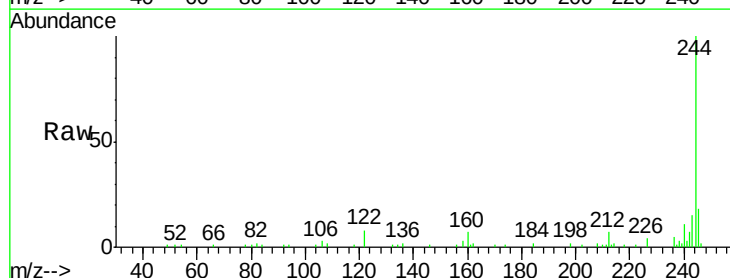
Tgt Ion:244 Resp: 40012

Ion Ratio Lower Upper

244 100

212 6.5 5.7 8.5

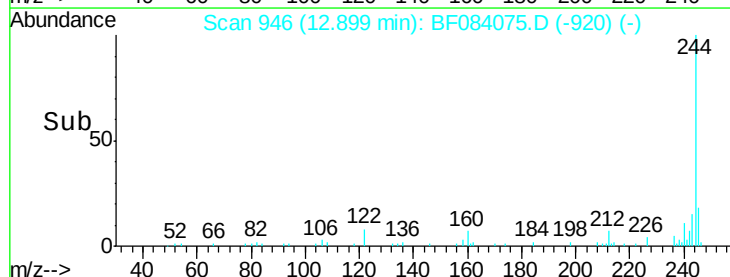
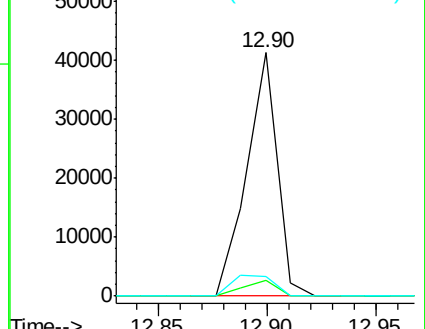
122 8.0 7.4 11.0

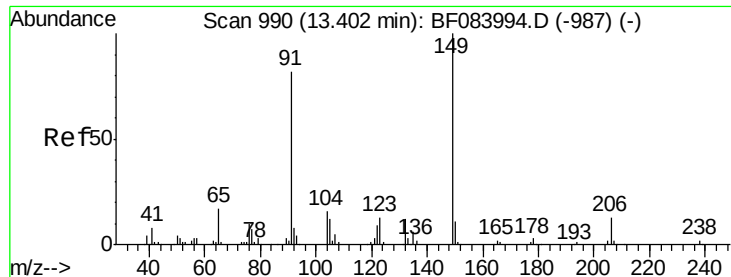


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

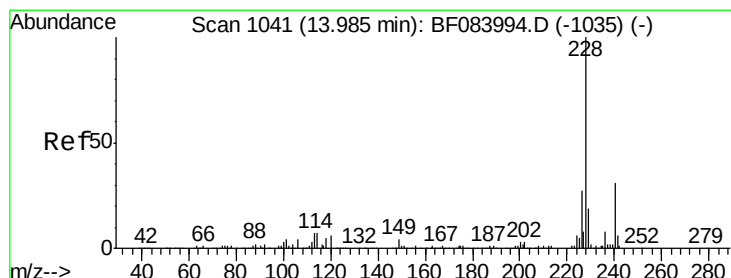
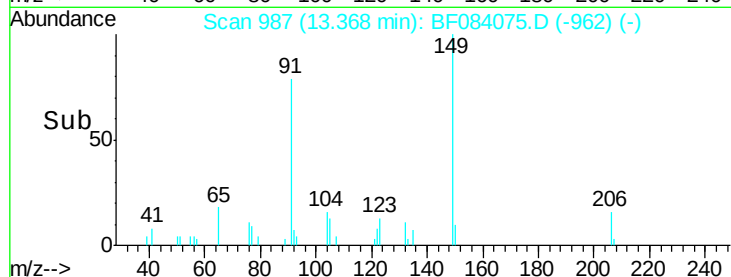
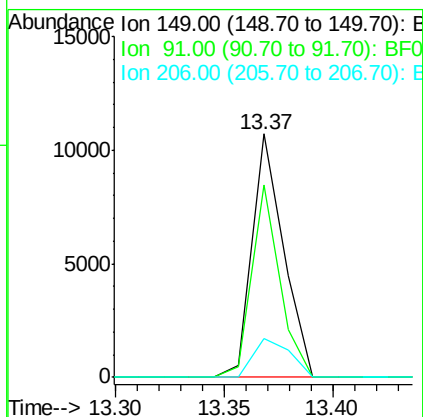
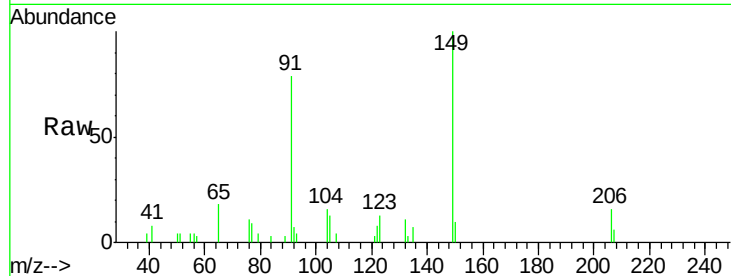




#79  
Butylbenzylphthalate  
Concen: 2.85 ng  
RT: 13.37 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

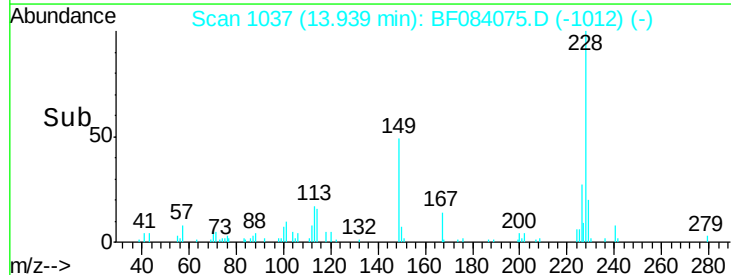
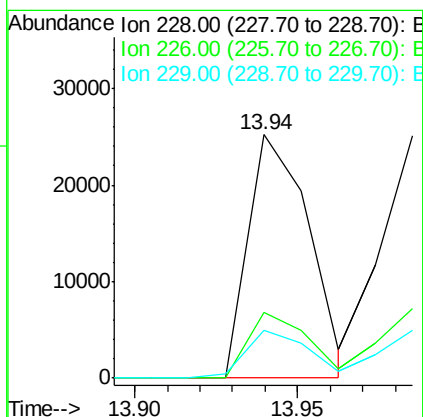
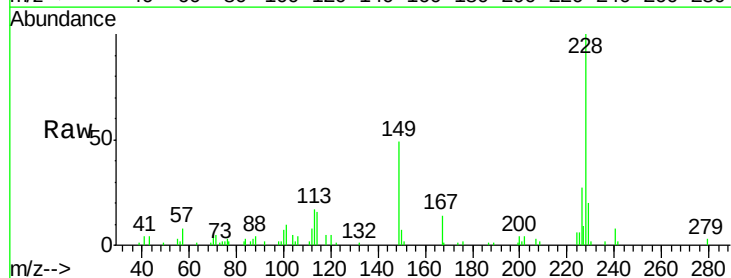
Instrument :  
BNA\_F  
ClientSampleId :  
SSTDIC02.5

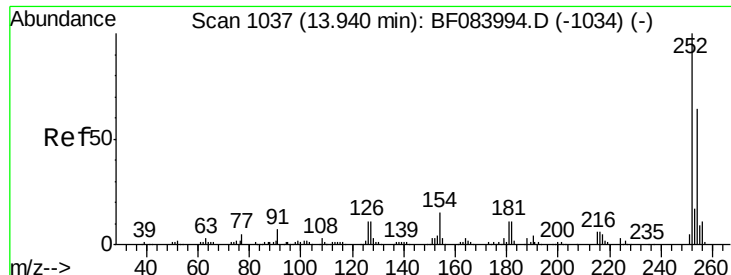
Tot Ion:149 Resp: 10769  
Ion Ratio Lower Upper  
149 100  
91 79.2 57.6 86.4  
206 15.8 13.2 19.8



#80  
Benzo(a)anthracene  
Concen: 4.68 ng  
RT: 13.94 min Scan# 1037  
Delta R.T. -0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Tgt Ion:228 Resp: 32596  
Ion Ratio Lower Upper  
228 100  
226 27.2 21.8 32.6  
229 19.7 15.8 23.8

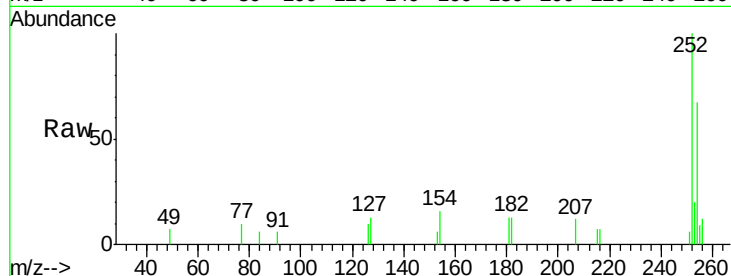




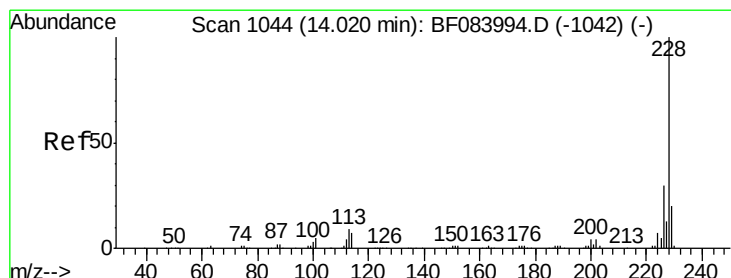
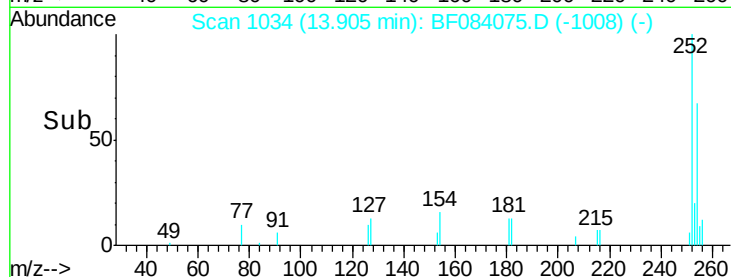
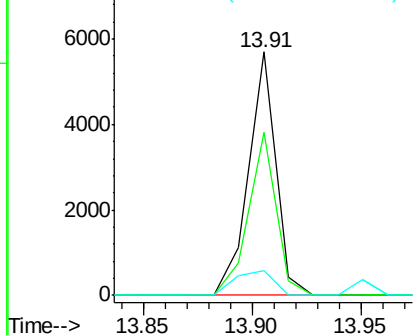
#81  
 3,3'-Dichlorobenzidine  
 Concen: 1.90 ng  
 RT: 13.91 min Scan# 1034  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

Tot Ion:252 Resp: 4972  
 Ion Ratio Lower Upper  
 252 100  
 254 66.8 53.5 80.3  
 126 10.1 4.9 7.3#

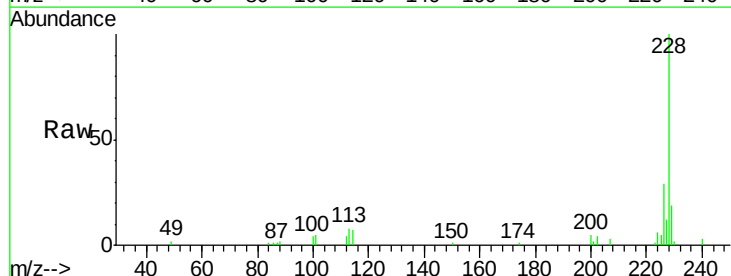


Abundance Ion 252.00 (251.70 to 252.70): E  
 Ion 254.00 (253.70 to 254.70): E  
 Ion 126.00 (125.70 to 126.70): E

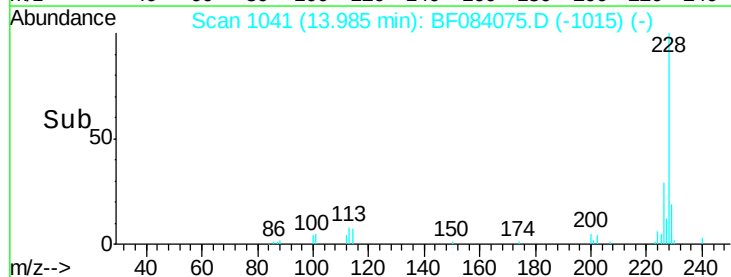
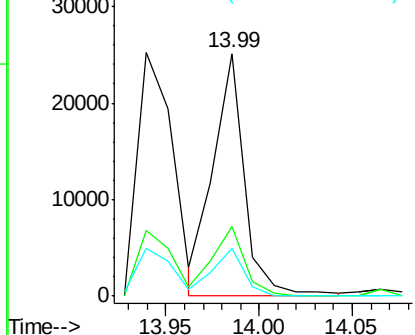


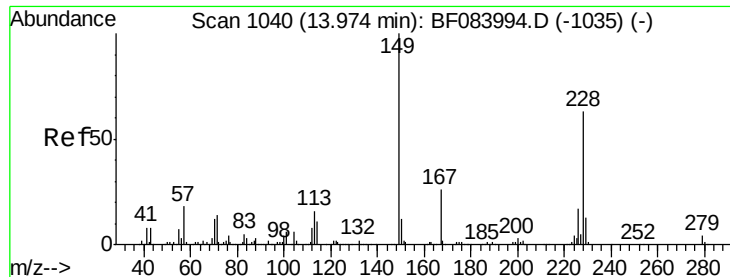
#82  
 Chrysene  
 Concen: 4.58 ng  
 RT: 13.99 min Scan# 1041  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:228 Resp: 29632  
 Ion Ratio Lower Upper  
 228 100  
 226 28.8 24.3 36.5  
 229 19.4 16.1 24.1



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

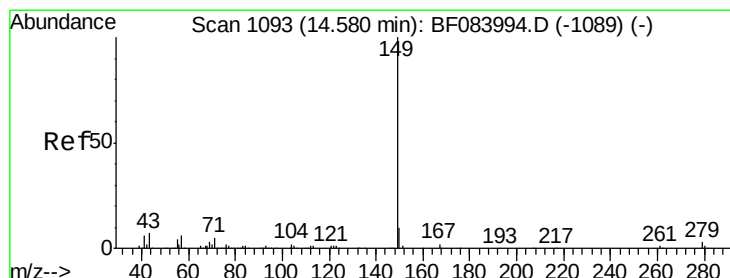
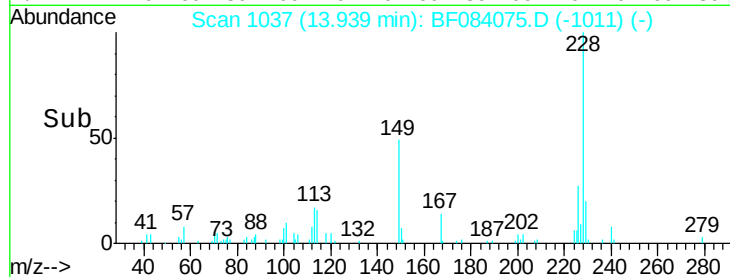
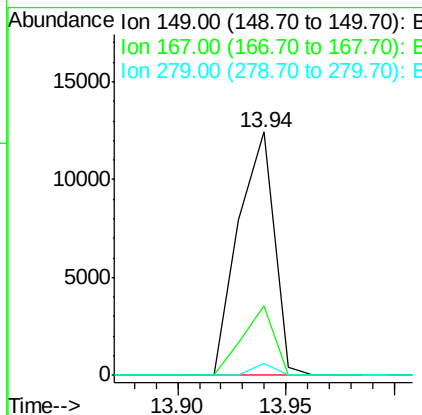
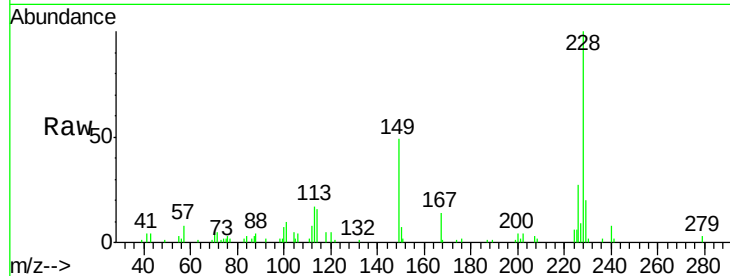




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 2.73 ng  
 RT: 13.94 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

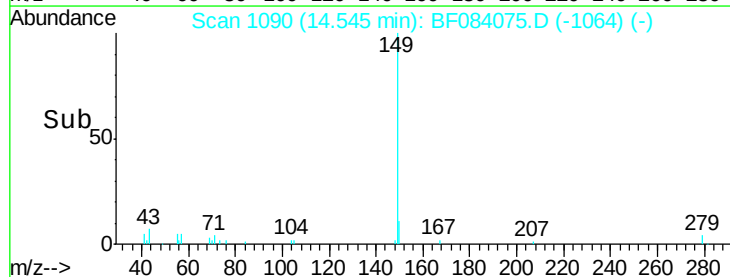
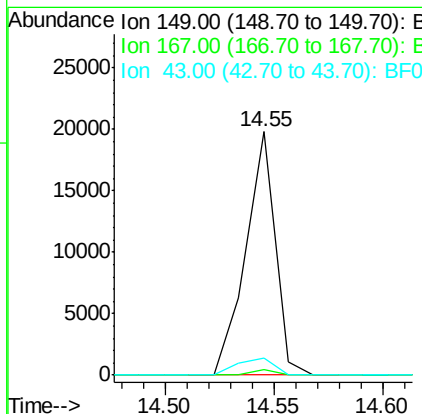
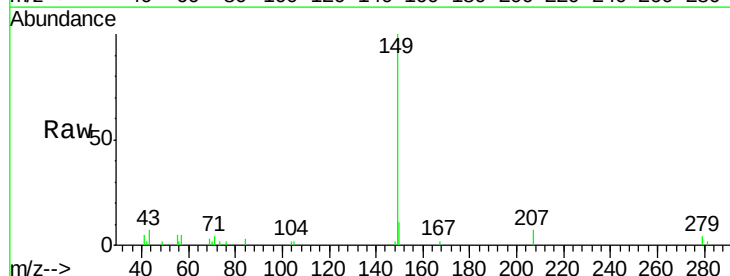
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

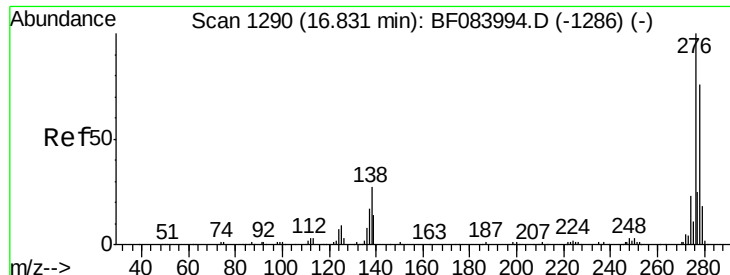
Tot Ion:149 Resp: 14266  
 Ion Ratio Lower Upper  
 149 100  
 167 28.7 19.7 29.5  
 279 5.1 1.8 2.6#



#84  
 Di-n-octyl phthalate  
 Concen: 2.32 ng  
 RT: 14.55 min Scan# 1090  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:149 Resp: 18686  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 8.8 5.6 8.4#

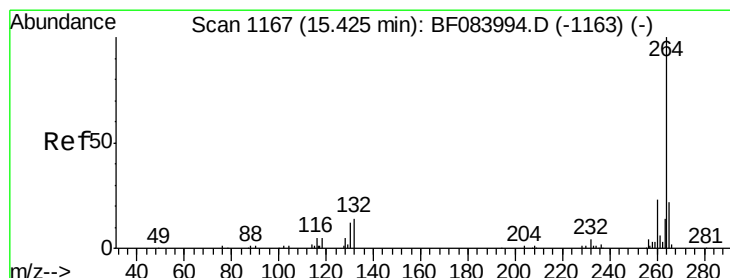
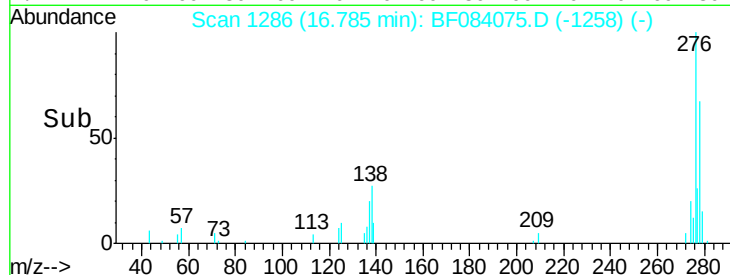
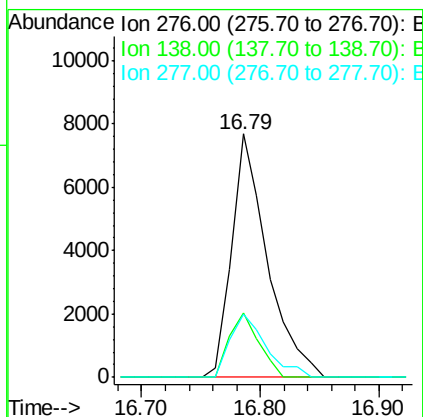
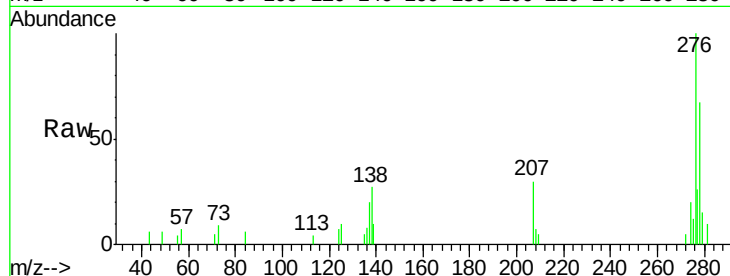




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.99 ng  
 RT: 16.79 min Scan# 1286  
 Delta R.T. 0.02 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

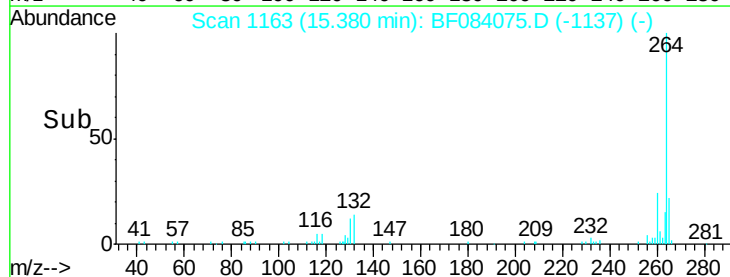
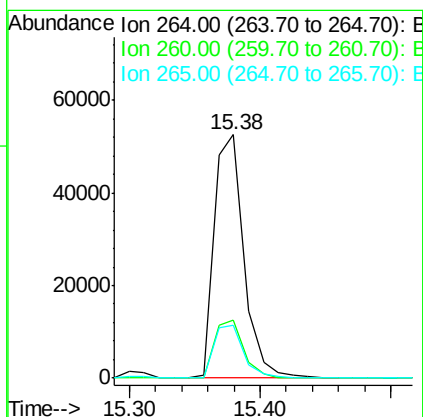
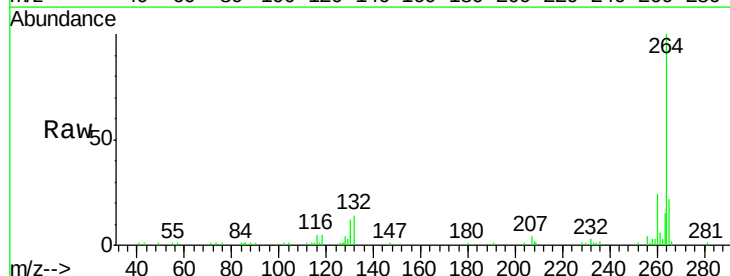
Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

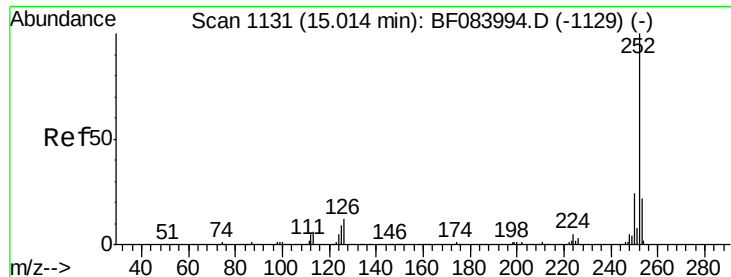
Tot Ion:276 Resp: 16010  
 Ion Ratio Lower Upper  
 276 100  
 138 21.8 20.6 30.8  
 277 25.9 20.1 30.1



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 15.38 min Scan# 1163  
 Delta R.T. 0.00 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Tgt Ion:264 Resp: 83486  
 Ion Ratio Lower Upper  
 264 100  
 260 23.8 19.4 29.2  
 265 21.9 17.8 26.6

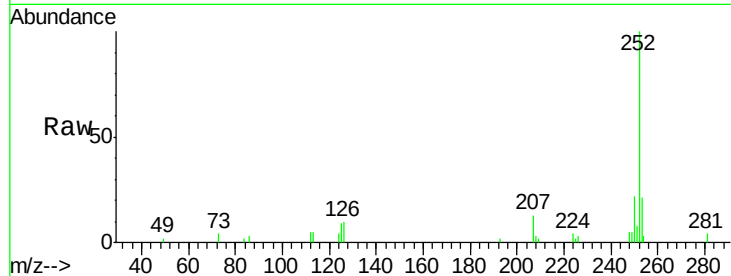




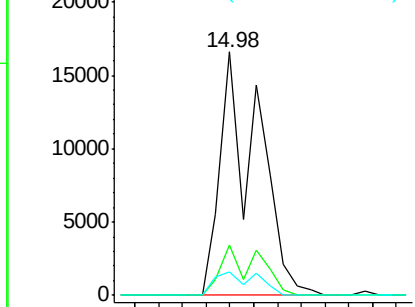
#87  
Benzo(b)fluoranthene  
Concen: 6.90 ng  
RT: 14.98 min Scan# 1128  
Delta R.T. 0.01 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

Instrument :  
BNA\_F  
ClientSampleId :  
SSTDICC02.5

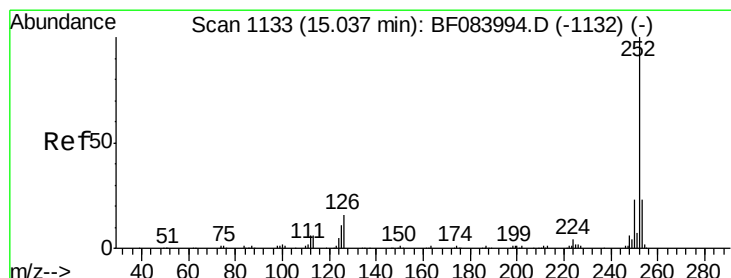
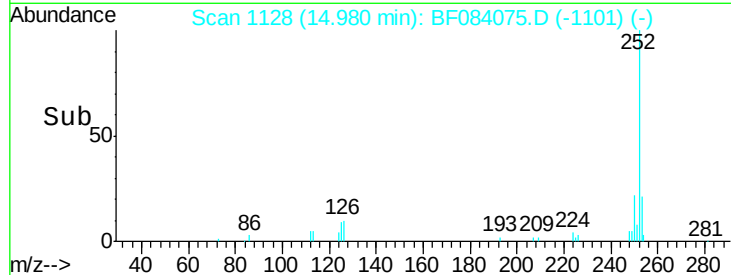
Tot Ion:252 Resp: 36324  
Ion Ratio Lower Upper  
252 100  
253 20.8 17.3 25.9  
125 9.4 6.5 9.7



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

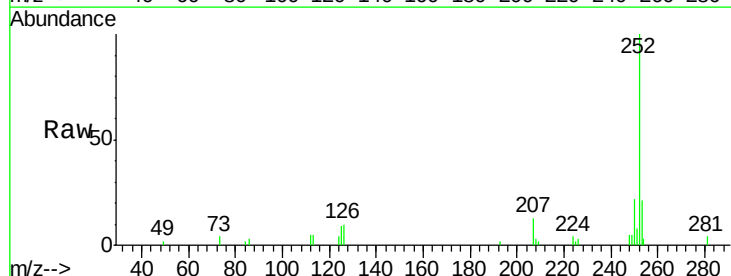


Time--> 14.90 15.00 15.10

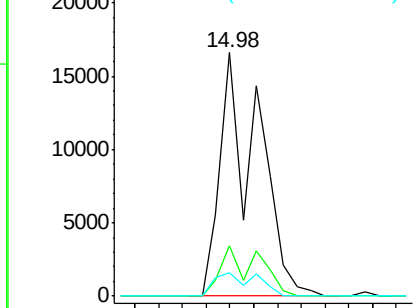


#88  
Benzo(k)fluoranthene  
Concen: 7.26 ng  
RT: 14.98 min Scan# 1128  
Delta R.T. -0.02 min  
Lab File: BF084075.D  
Acq: 24 Dec 2015 13:10

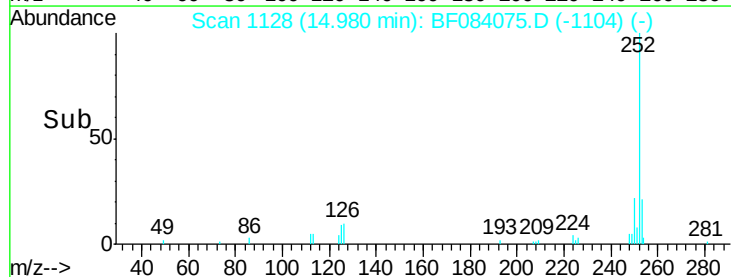
Tgt Ion:252 Resp: 36324  
Ion Ratio Lower Upper  
252 100  
253 20.8 18.1 27.1  
125 9.4 9.0 13.6

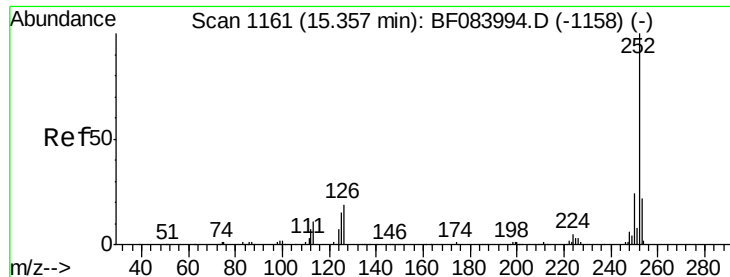


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



Time--> 14.90 15.00 15.10





#89

Benzo(a)pyrene

Concen: 3.33 ng

RT: 15.32 min Scan# 1158

Delta R.T. 0.00 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

Instrument :

BNA\_F

ClientSampleId :

SSTDICC02.5

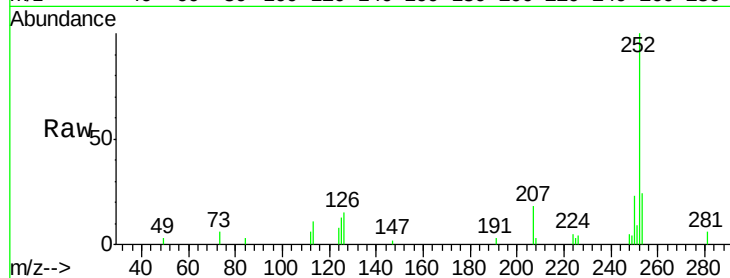
Tot Ion:252 Resp: 16226

Ion Ratio Lower Upper

252 100

253 23.7 17.3 25.9

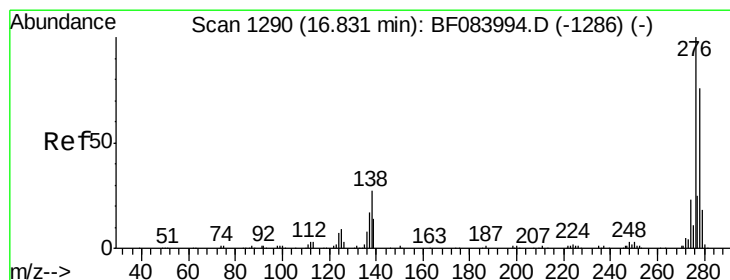
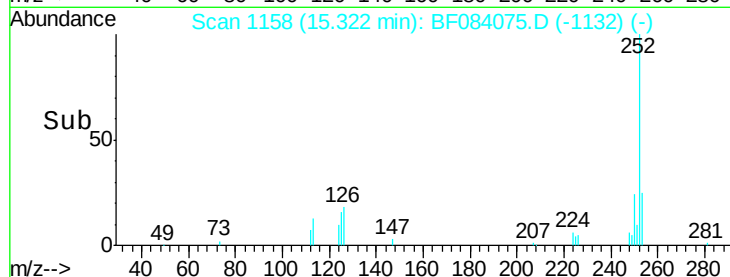
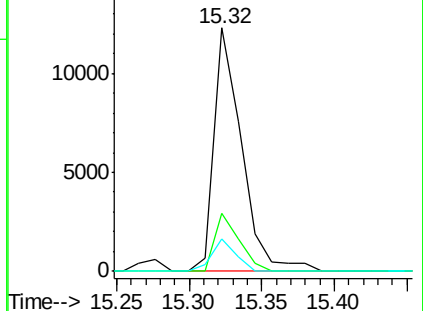
125 13.3 7.0 10.4#



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: 3.18 ng

RT: 16.79 min Scan# 1286

Delta R.T. 0.01 min

Lab File: BF084075.D

Acq: 24 Dec 2015 13:10

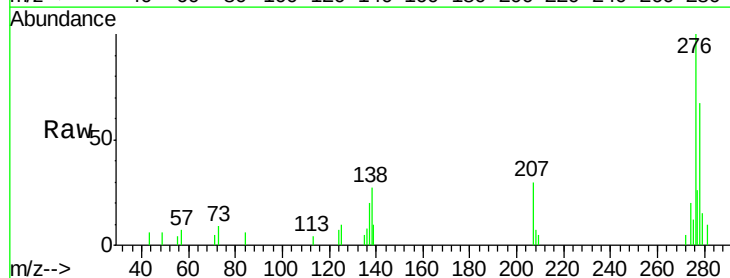
Tgt Ion:278 Resp: 12838

Ion Ratio Lower Upper

278 100

139 15.6 15.0 22.4

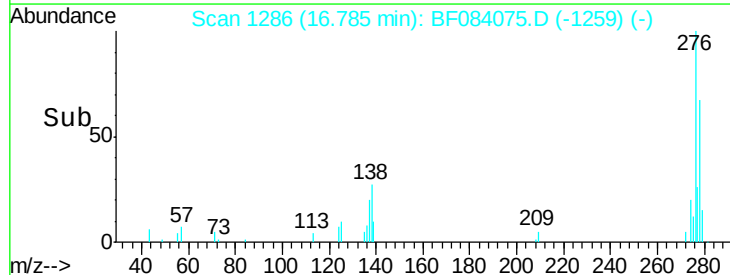
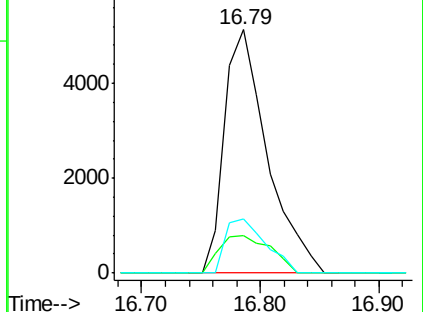
279 22.1 18.9 28.3

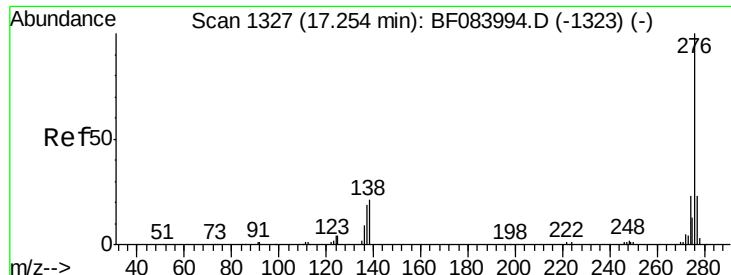


Abundance Ion 278.00 (277.70 to 278.70): E

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: 3.26 ng  
 RT: 17.21 min Scan# 1323  
 Delta R.T. 0.02 min  
 Lab File: BF084075.D  
 Acq: 24 Dec 2015 13:10

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SSTDICC02.5

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 277     | 22.8  | 18.8  | 28.2  |
| 138     | 21.2  | 17.8  | 26.6  |

