

Data Path : Z:\HPCHEM1\BNA\_F\DATA\BF042815\  
 Data File : BF078799.D  
 Acq On : 29 Apr 2015 3:07  
 Operator : TP/IZ  
 Sample : PB82973BS  
 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Quant Time: Apr 29 04:11:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Apr 29 03:47:53 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.39  | 152  | 97122    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 8.97  | 136  | 384314   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 11.15 | 164  | 182752   | 20.00 | ng    | 0.01     |
| 63) Phenanthrene-d10      | 12.99 | 188  | 344809   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 16.30 | 240  | 338083   | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 18.02 | 264  | 319744   | 20.00 | ng    | -0.09    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.69  | 112  | 697945   | 131.99 | ng    | 0.01     |
| 7) Phenol-d6                | 6.94  | 99   | 899925   | 127.43 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.08  | 82   | 456306   | 85.49  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 12.13 | 330  | 234374   | 129.04 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 10.32 | 172  | 1092707  | 81.88  | ng    | 0.00     |
| 78) Terphenyl-d14           | 14.99 | 244  | 1170575  | 82.46  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 2.41  | 88   | 90398    | 37.26 | ng    | # 19   |
| 3) Pyridine                    | 3.18  | 79   | 259243   | 36.07 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.08  | 42   | 119621   | 37.16 | ng    | 100    |
| 6) Aniline                     | 6.98  | 93   | 208052   | 20.17 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.12  | 128  | 264934   | 43.59 | ng    | 98     |
| 9) Benzaldehyde                | 6.84  | 77   | 17724    | 3.48  | ng    | 94     |
| 10) Phenol                     | 6.95  | 94   | 321080   | 38.46 | ng    | 90     |
| 11) bis(2-Chloroethyl)ether    | 7.07  | 93   | 254007   | 41.14 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.31  | 146  | 275493   | 39.04 | ng    | 98     |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146  | 285339   | 39.49 | ng    | 100    |
| 14) 1,2-Dichlorobenzene        | 7.60  | 146  | 279189   | 41.35 | ng    | 100    |
| 15) Benzyl Alcohol             | 7.56  | 79   | 223439   | 42.46 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 7.75  | 45   | 415263   | 43.03 | ng    | 99     |
| 17) 2-Methylphenol             | 7.70  | 107  | 216792   | 44.06 | ng    | 97     |
| 18) Hexachloroethane           | 8.02  | 117  | 97104    | 40.69 | ng    | 96     |
| 19) n-Nitroso-di-n-propylamine | 7.91  | 70   | 197065   | 39.99 | ng    | # 84   |
| 20) 3+4-Methylphenols          | 7.90  | 107  | 283527   | 44.23 | ng    | 96     |
| 22) Acetophenone               | 7.90  | 105  | 387285   | 45.49 | ng    | 97     |
| 24) Nitrobenzene               | 8.10  | 77   | 256705   | 44.91 | ng    | 99     |
| 25) Isophorone                 | 8.40  | 82   | 502971   | 41.68 | ng    | 99     |
| 26) 2-Nitrophenol              | 8.50  | 139  | 77300    | 46.63 | ng    | 98     |
| 27) 2,4-Dimethylphenol         | 8.55  | 122  | 236824   | 44.24 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 8.68  | 93   | 324072   | 43.49 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 8.79  | 162  | 216283   | 47.27 | ng    | 97     |
| 30) 1,2,4-Trichlorobenzene     | 8.90  | 180  | 224528   | 42.73 | ng    | 97     |
| 31) Naphthalene                | 8.99  | 128  | 758232   | 41.57 | ng    | 100    |
| 32) Benzoic acid               | 8.65  | 122  | 89915    | 50.94 | ng    | 91     |
| 33) 4-Chloroaniline            | 9.06  | 127  | 154797   | 20.16 | ng    | 100    |
| 34) Hexachlorobutadiene        | 9.15  | 225  | 121637   | 41.03 | ng    | 95     |
| 35) Caprolactam                | 9.48  | 113  | 65061    | 43.73 | ng    | 91     |
| 36) 4-Chloro-3-methylphenol    | 9.66  | 107  | 221481   | 46.10 | ng    | 93     |
| 37) 2-Methylnaphthalene        | 9.85  | 142  | 521841   | 42.52 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 10.06 | 216  | 206190   | 39.82 | ng    | # 100  |
| 40) Hexachlorocyclopentadiene  | 10.04 | 237  | 211088   | 96.98 | ng    | 99     |

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 Misc :  
 ALS Vial : 18 Sample Multiplier: 1

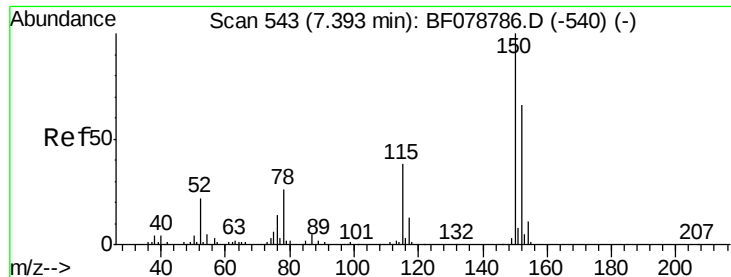
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Quant Time: Apr 29 04:11:53 2015  
 Quant Method : Z:\HPCHEM1\BNA\_F\METHODS\8270-BF042815.M  
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 QLast Update : Wed Apr 29 03:47:53 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 10.20 | 196  | 135629   | 43.58  | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 10.24 | 196  | 147028   | 42.95  | ng    | # 88     |
| 45) 1,1'-Biphenyl              | 10.43 | 154  | 615152   | 41.94  | ng    | 99       |
| 46) 2-Chloronaphthalene        | 10.46 | 162  | 473794   | 41.34  | ng    | 100      |
| 47) 2-Nitroaniline             | 10.58 | 65   | 121354   | 46.02  | ng    | 94       |
| 48) Acenaphthylene             | 10.97 | 152  | 768658   | 40.98  | ng    | 100      |
| 49) Dimethylphthalate          | 10.82 | 163  | 553476   | 42.60  | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 10.89 | 165  | 97533    | 43.41  | ng    | 92       |
| 51) Acenaphthene               | 11.19 | 154  | 476581   | 43.27  | ng    | 99       |
| 52) 3-Nitroaniline             | 11.10 | 138  | 76147    | 27.44  | ng    | 91       |
| 53) 2,4-Dinitrophenol          | 11.22 | 184  | 36750    | 109.71 | ng    | # 75     |
| 54) Dibenzofuran               | 11.40 | 168  | 697182   | 43.14  | ng    | 98       |
| 55) 4-Nitrophenol              | 11.29 | 139  | 178821   | 81.99  | ng    | # 71     |
| 56) 2,4-Dinitrotoluene         | 11.39 | 165  | 129504   | 50.11  | ng    | # 66     |
| 57) Fluorene                   | 11.83 | 166  | 538633   | 41.70  | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 11.55 | 232  | 117429   | 44.74  | ng    | # 100    |
| 59) Diethylphthalate           | 11.70 | 149  | 565800   | 43.76  | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 11.84 | 204  | 254975   | 44.36  | ng    | 99       |
| 61) 4-Nitroaniline             | 11.85 | 138  | 121520   | 43.46  | ng    | 96       |
| 62) Azobenzene                 | 12.03 | 77   | 612369   | 46.45  | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 11.88 | 198  | 31439    | 53.24  | ng    | 82       |
| 65) n-Nitrosodiphenylamine     | 11.99 | 169  | 483488   | 43.37  | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 12.45 | 248  | 152623   | 43.85  | ng    | 94       |
| 67) Hexachlorobenzene          | 12.50 | 284  | 169151   | 42.90  | ng    | 96       |
| 68) Atrazine                   | 12.65 | 200  | 141502   | 47.39  | ng    | 98       |
| 69) Pentachlorophenol          | 12.75 | 266  | 180922   | 85.73  | ng    | 96       |
| 70) Phenanthrene               | 13.03 | 178  | 810183   | 43.40  | ng    | 100      |
| 71) Anthracene                 | 13.09 | 178  | 808943   | 44.32  | ng    | 100      |
| 72) Carbazole                  | 13.29 | 167  | 799602   | 46.39  | ng    | 99       |
| 73) Di-n-butylphthalate        | 13.74 | 149  | 870491   | 42.44  | ng    | 100      |
| 74) Fluoranthene               | 14.50 | 202  | 834826   | 44.84  | ng    | 98       |
| 76) Benzidine                  | 14.69 | 184  | 282312   | 28.83  | ng    | 99       |
| 77) Pyrene                     | 14.79 | 202  | 886566   | 44.88  | ng    | 99       |
| 79) Butylbenzylphthalate       | 15.61 | 149  | 363952   | 44.67  | ng    | 97       |
| 80) Benzo(a)anthracene         | 16.29 | 228  | 806463   | 44.46  | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 16.25 | 252  | 157539   | 25.87  | ng    | # 97     |
| 82) Chrysene                   | 16.32 | 228  | 771655   | 43.64  | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 16.33 | 149  | 565961   | 44.62  | ng    | 99       |
| 84) Di-n-octyl phthalate       | 17.12 | 149  | 912228   | 46.08  | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 19.54 | 276  | 880625   | 43.90  | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 17.57 | 252  | 881411   | 50.93  | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 17.57 | 252  | 881411   | 52.55  | ng    | 99       |
| 89) Benzo(a)pyrene             | 17.95 | 252  | 750664   | 48.47  | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 19.58 | 278  | 713616   | 44.49  | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 20.00 | 276  | 735532   | 45.69  | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.39 min Scan# 543

Delta R.T. -0.00 min

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Instrument :

BNA\_F

ClientSampleId :

PB82973BS

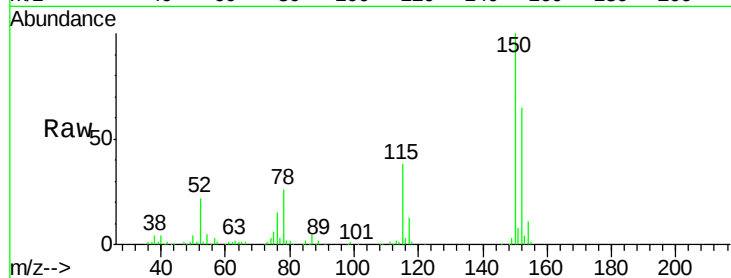
Tgt Ion:152 Resp: 97122

Ion Ratio Lower Upper

152 100

150 153.2 122.0 183.0

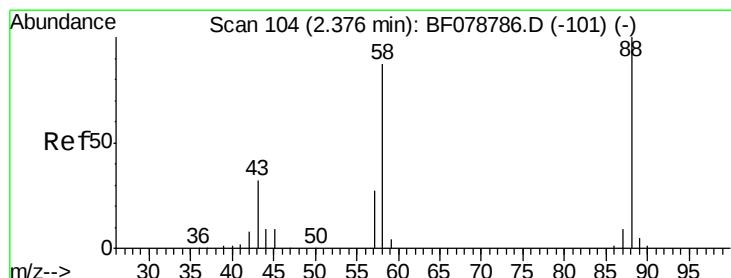
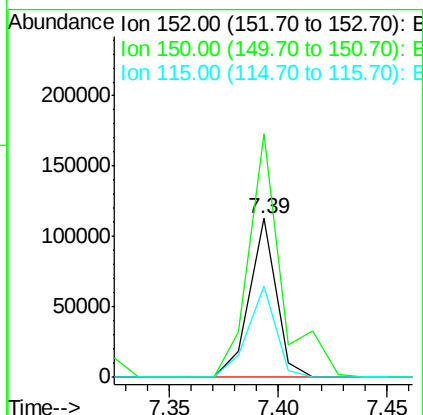
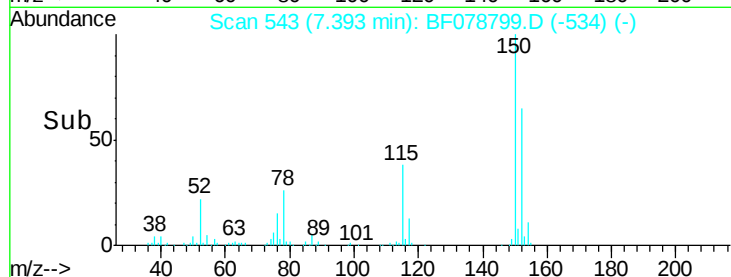
115 57.7 46.3 69.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.26 ng

RT: 2.41 min Scan# 107

Delta R.T. 0.03 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

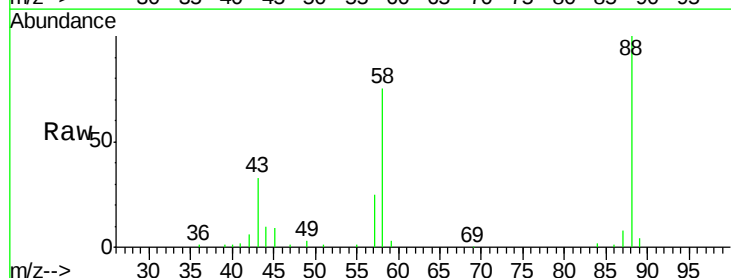
Tgt Ion: 88 Resp: 90398

Ion Ratio Lower Upper

88 100

58 80.1 0.0 0.0#

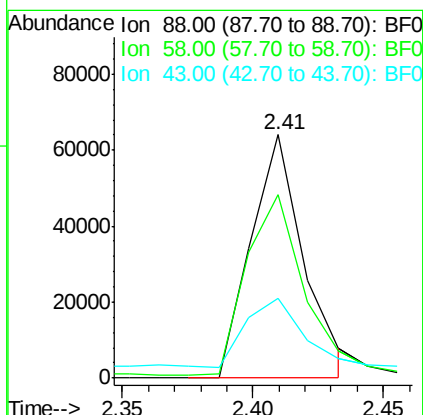
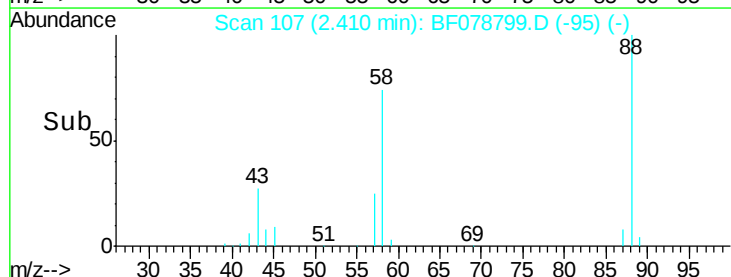
43 30.7 3.3 4.9#

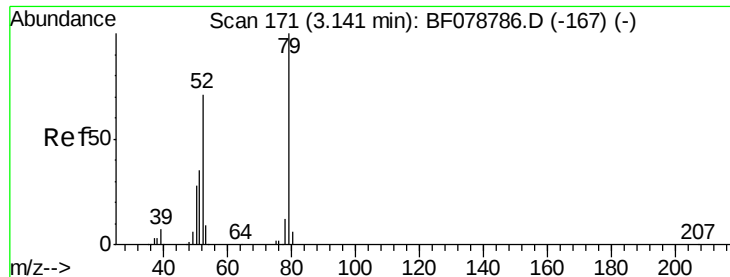


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 36.07 ng

RT: 3.18 min Scan# 174

Delta R.T. 0.03 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

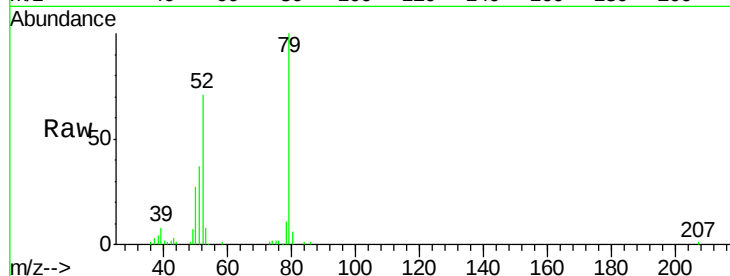
Tgt Ion: 79 Resp: 259243

Ion Ratio Lower Upper

79 100

52 71.5 57.2 85.8

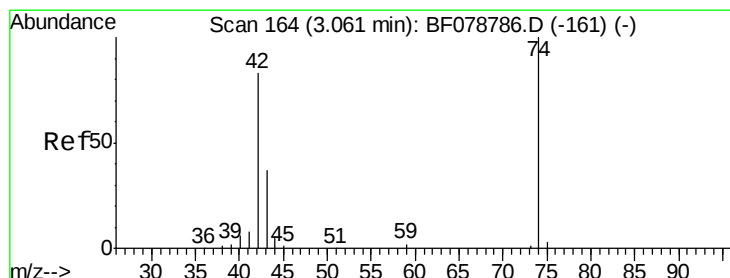
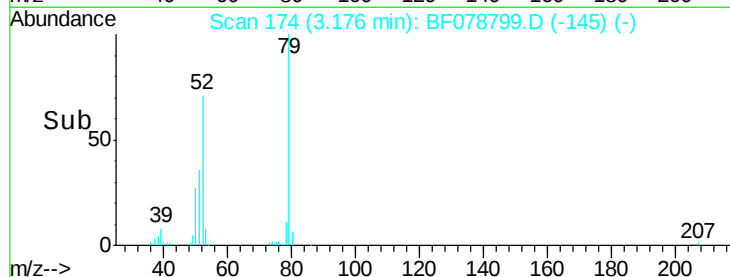
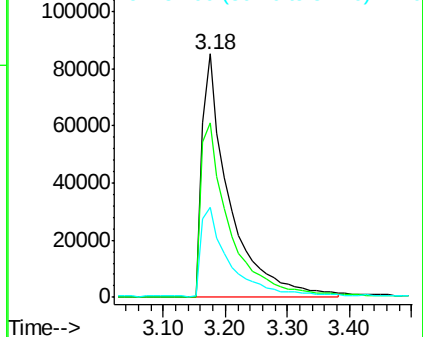
51 36.8 28.9 43.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 37.16 ng

RT: 3.08 min Scan# 166

Delta R.T. 0.02 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

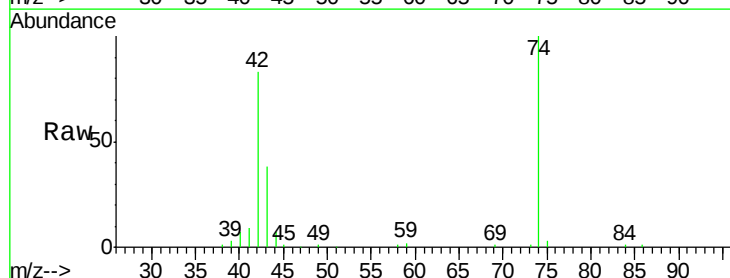
Tgt Ion: 42 Resp: 119621

Ion Ratio Lower Upper

42 100

74 120.7 96.5 144.7

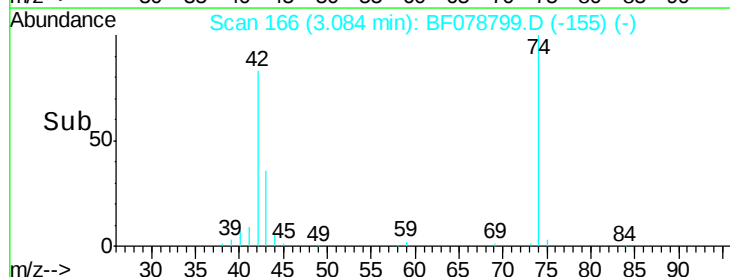
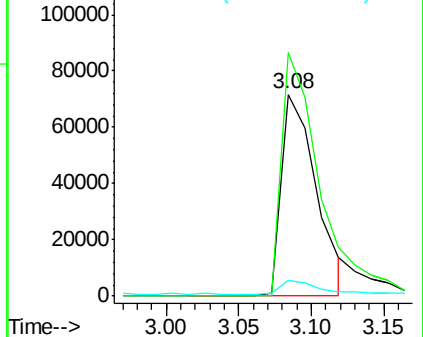
44 8.0 6.1 9.1

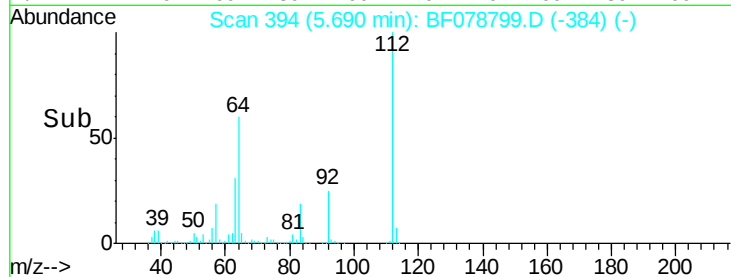
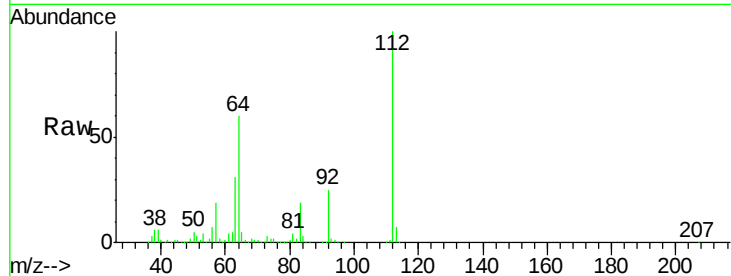
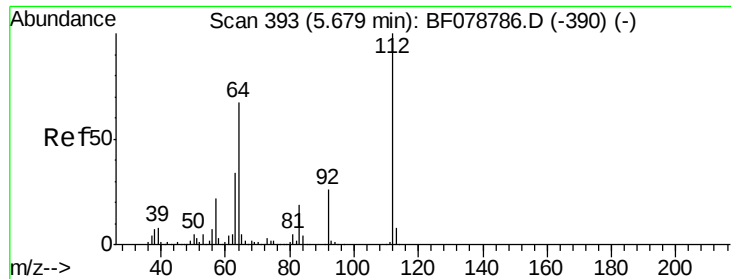


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 131.99 ng

RT: 5.69 min Scan# 394

Delta R.T. 0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

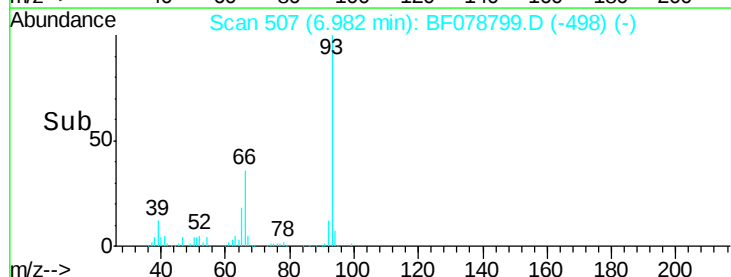
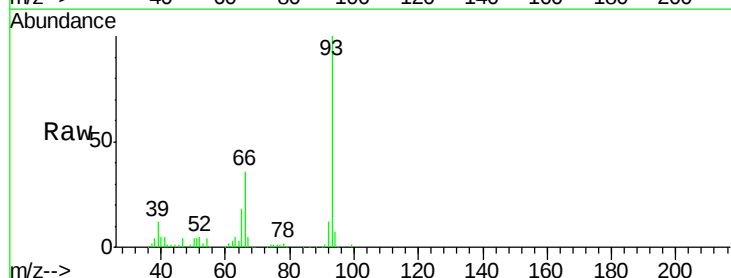
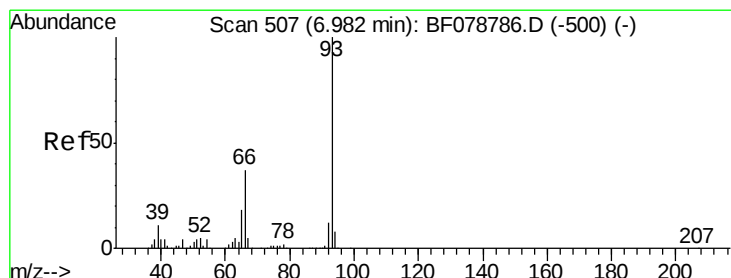
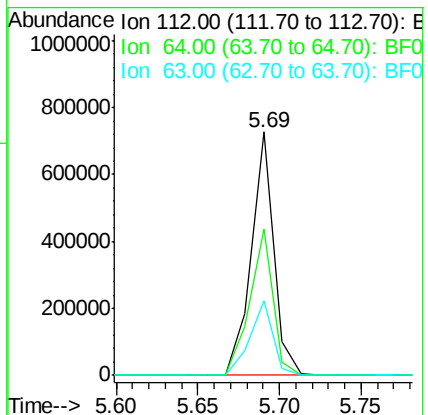
Tgt Ion: 112 Resp: 697945

Ion Ratio Lower Upper

112 100

64 60.0 53.5 80.3

63 30.7 27.5 41.3



#6

Aniline

Concen: 20.17 ng

RT: 6.98 min Scan# 507

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

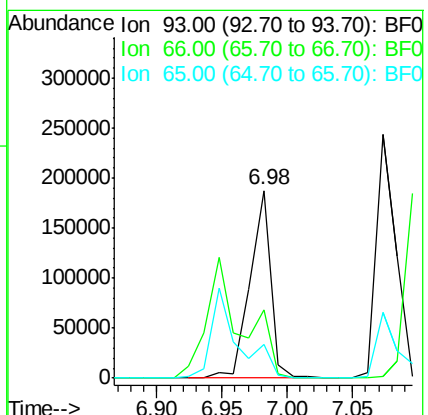
Tgt Ion: 93 Resp: 208052

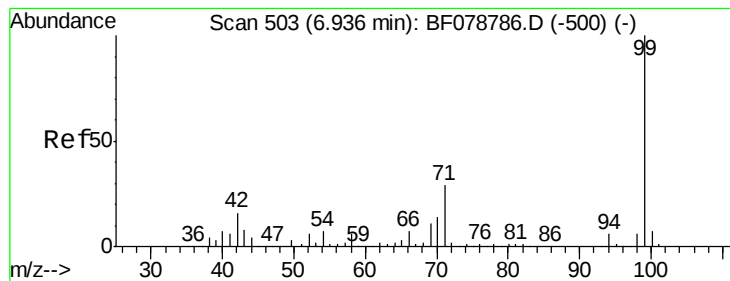
Ion Ratio Lower Upper

93 100

66 36.1 29.7 44.5

65 18.2 14.6 22.0





#7

Phenol-d6

Concen: 127.43 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

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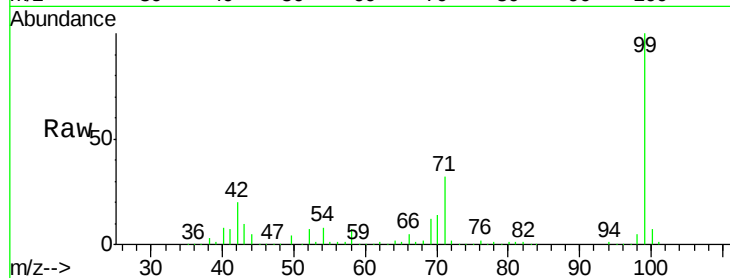
Tgt Ion: 99 Resp: 899925

Ion Ratio Lower Upper

99 100

42 19.7 12.8 19.2#

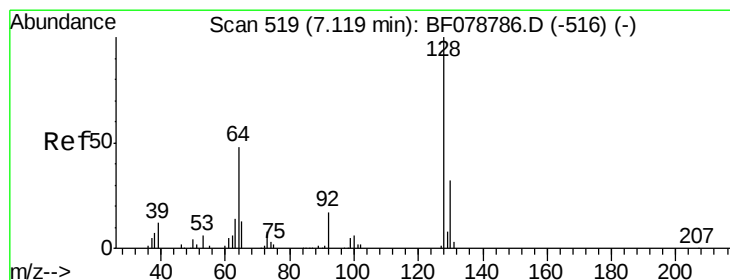
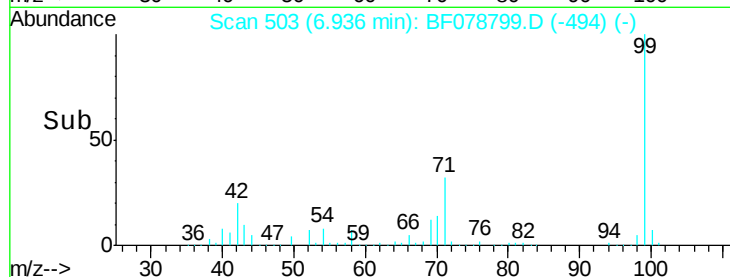
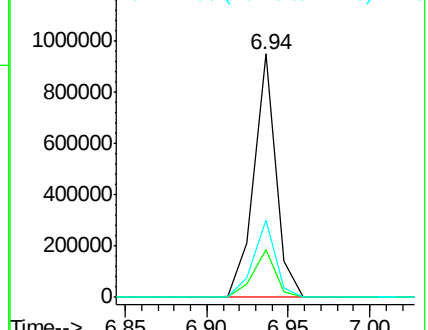
71 31.9 23.4 35.2



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.59 ng

RT: 7.12 min Scan# 519

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

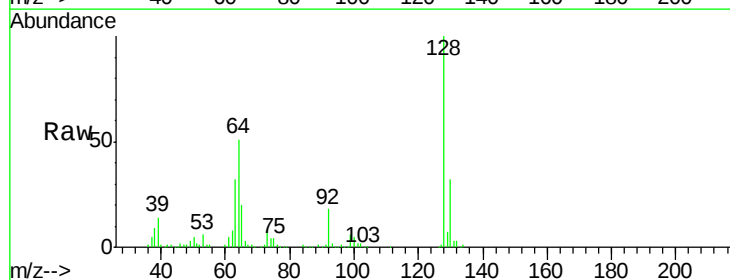
Tgt Ion: 128 Resp: 264934

Ion Ratio Lower Upper

128 100

130 32.2 12.1 52.1

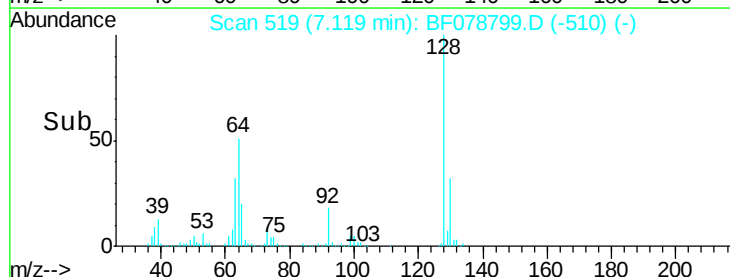
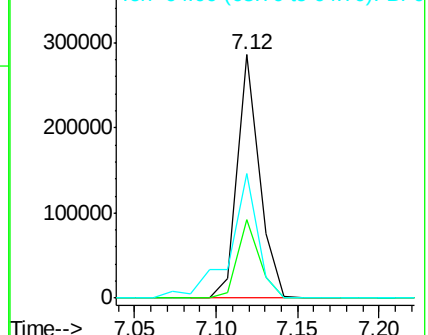
64 51.3 29.6 69.6

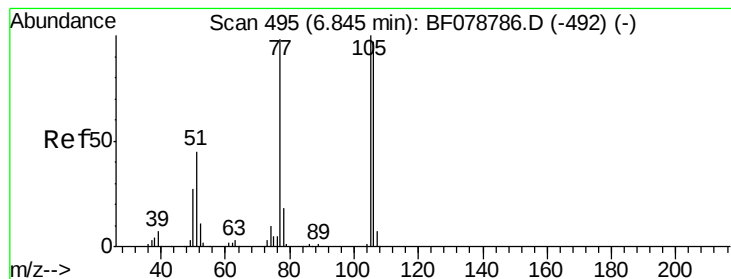


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.48 ng

RT: 6.84 min Scan# 495

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

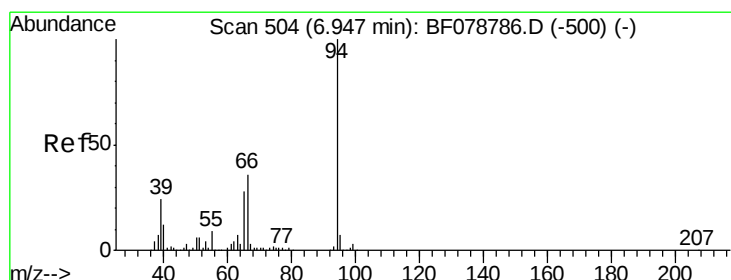
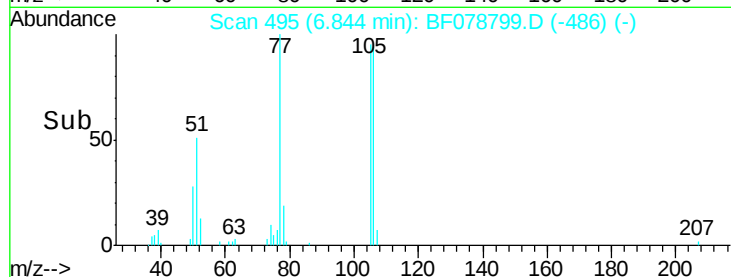
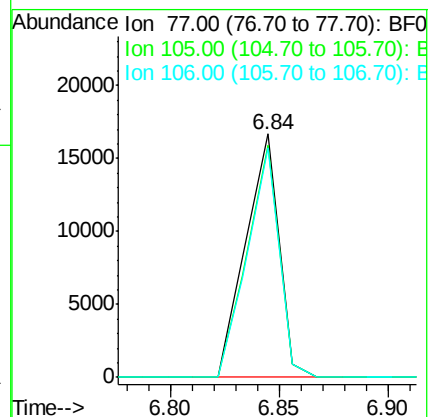
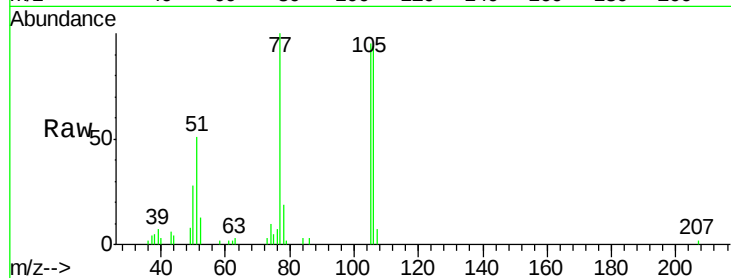
Tgt Ion: 77 Resp: 17724

Ion Ratio Lower Upper

77 100

105 95.1 81.7 121.7

106 94.1 79.0 119.0



#10

Phenol

Concen: 38.46 ng

RT: 6.95 min Scan# 504

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

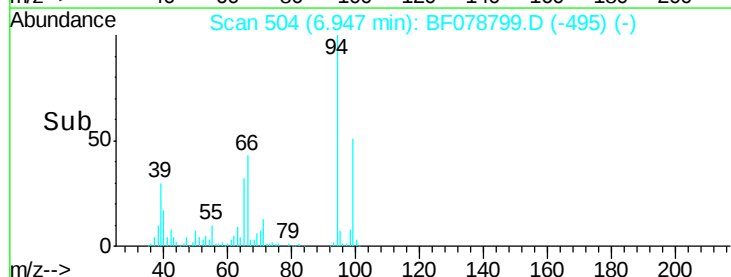
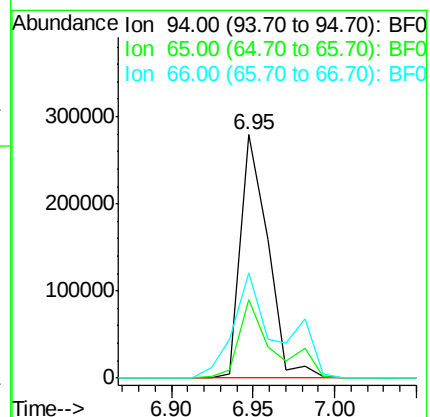
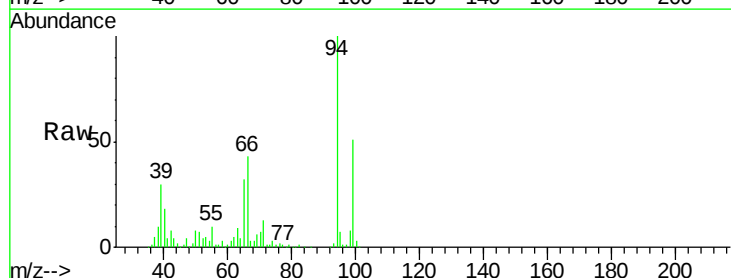
Tgt Ion: 94 Resp: 321080

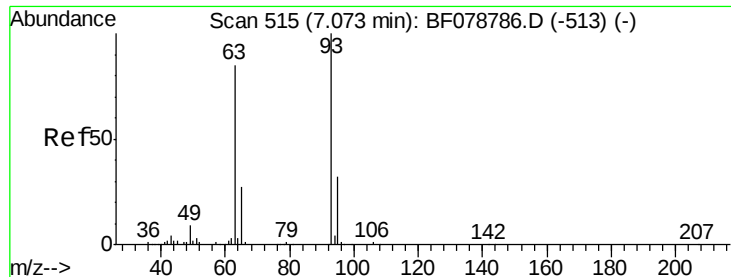
Ion Ratio Lower Upper

94 100

65 32.1 8.5 48.5

66 43.4 16.0 56.0



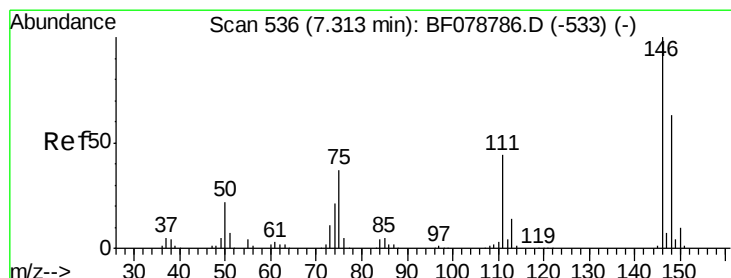
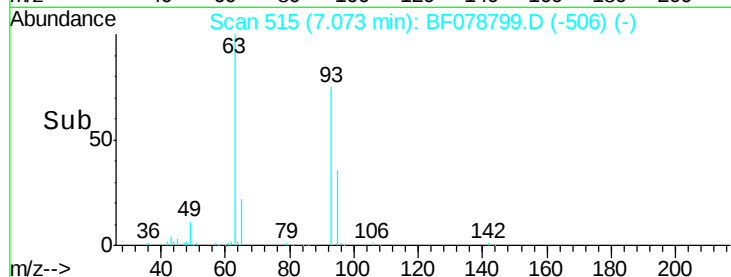
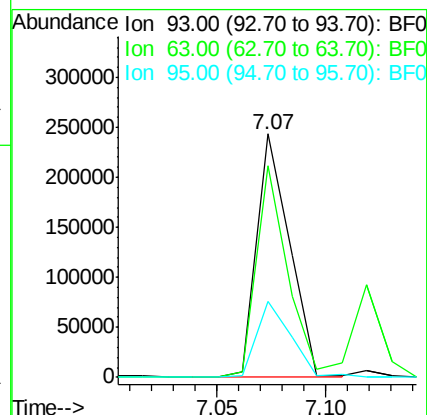
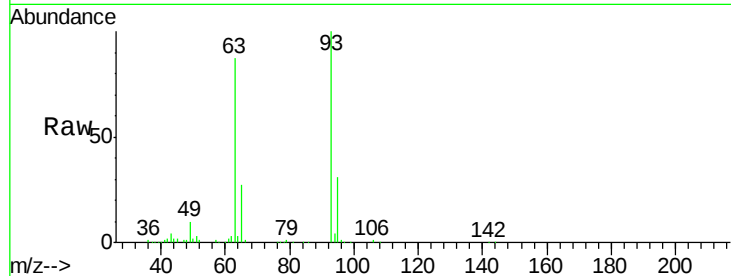


#11  
bis(2-Chloroethyl)ether  
Concen: 41.14 ng  
RT: 7.07 min Scan# 515  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

Instrument :  
BNA\_F  
ClientSampleId :  
PB82973BS

Tgt Ion: 93 Resp: 254007  

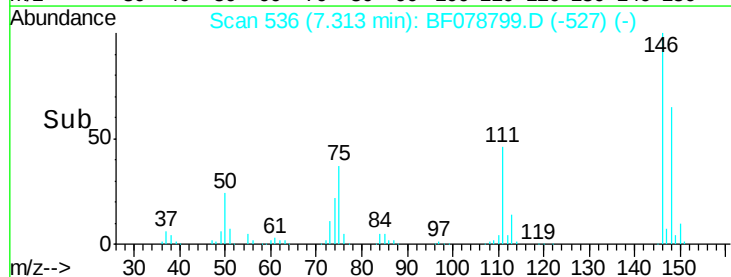
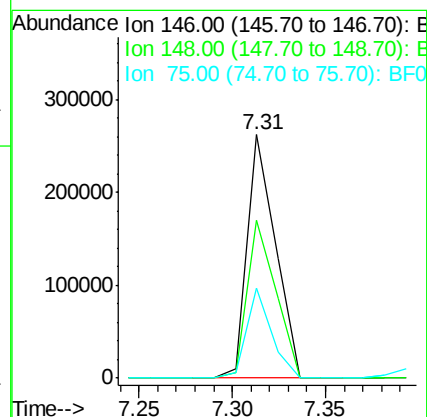
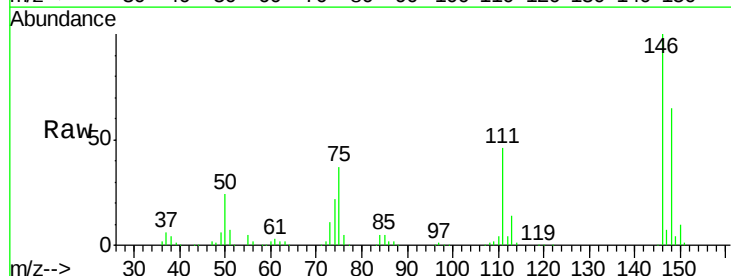
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 86.8  | 64.8  | 104.8 |
| 95  | 31.0  | 12.4  | 52.4  |

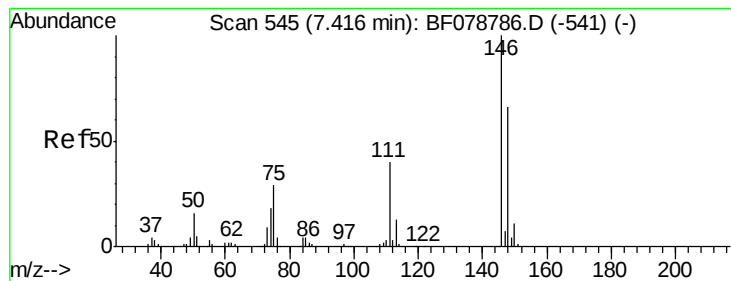


#12  
1,3-Dichlorobenzene  
Concen: 39.04 ng  
RT: 7.31 min Scan# 536  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

Tgt Ion: 146 Resp: 275493  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.9  | 50.2  | 75.2  |
| 75  | 37.2  | 29.2  | 43.8  |





#13

1,4-Dichlorobenzene

Concen: 39.49 ng

RT: 7.42 min Scan# 545

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

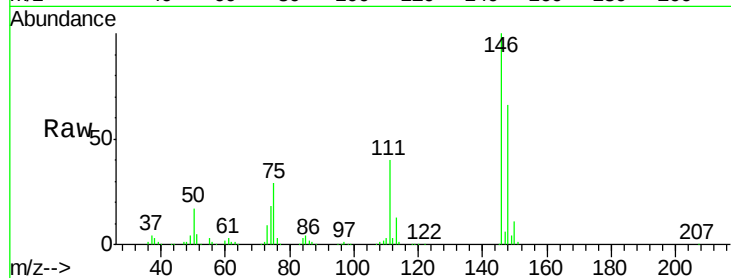
Tgt Ion:146 Resp: 285339

Ion Ratio Lower Upper

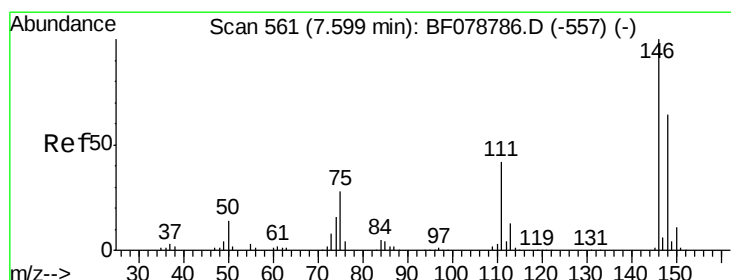
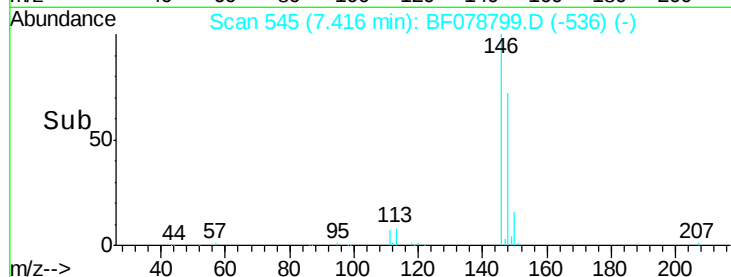
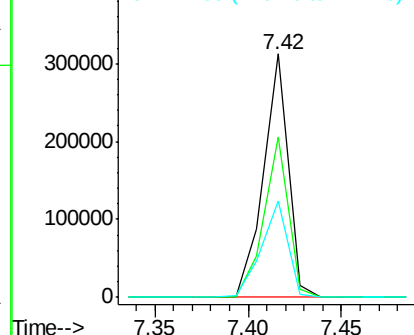
146 100

148 66.0 52.8 79.2

111 39.6 31.7 47.5



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



#14

1,2-Dichlorobenzene

Concen: 41.35 ng

RT: 7.60 min Scan# 561

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

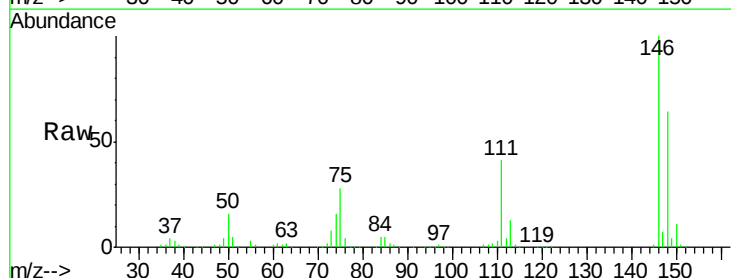
Tgt Ion:146 Resp: 279189

Ion Ratio Lower Upper

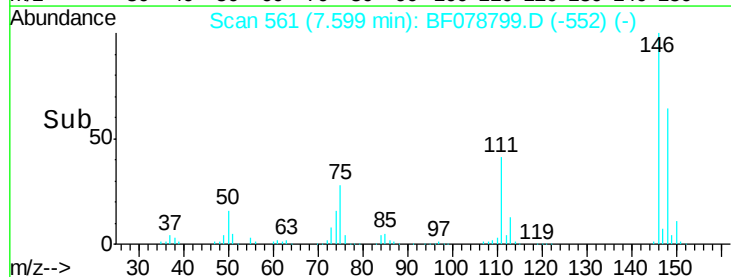
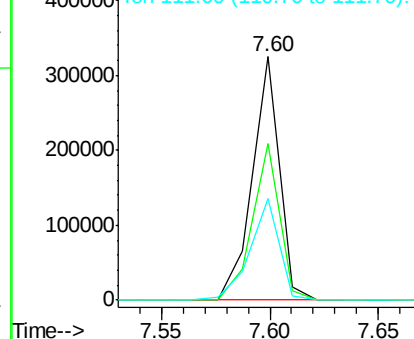
146 100

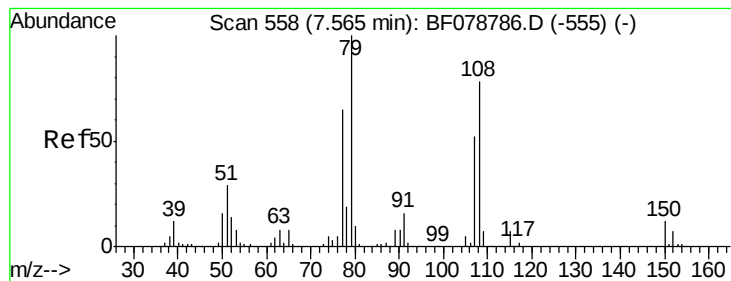
148 64.2 51.2 76.8

111 41.5 33.3 49.9



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





#15

Benzyl Alcohol

Concen: 42.46 ng

RT: 7.56 min Scan# 558

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

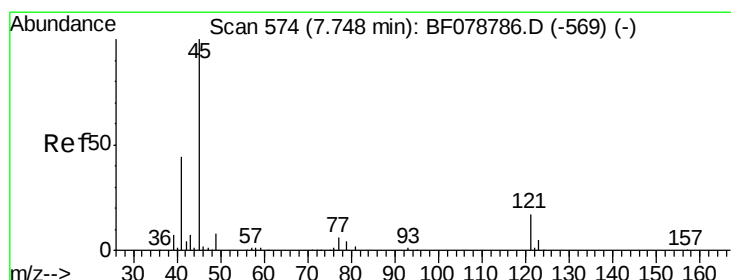
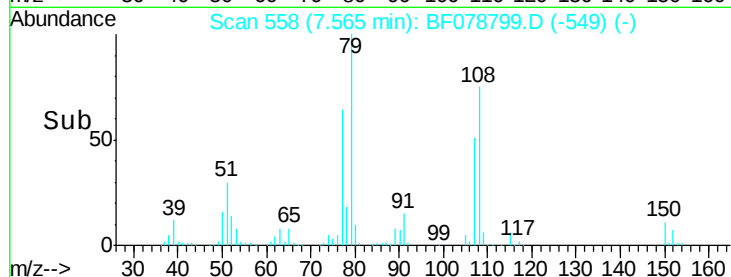
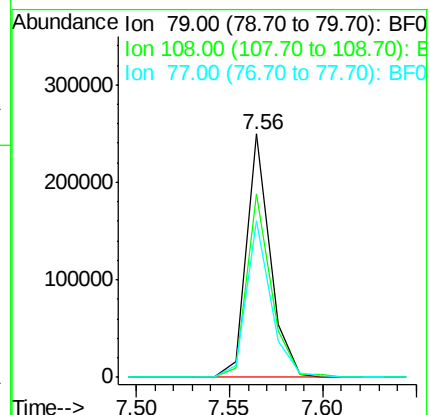
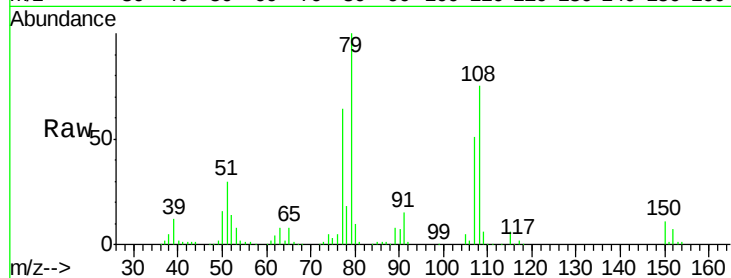
Tgt Ion: 79 Resp: 223439

Ion Ratio Lower Upper

79 100

108 75.2 62.5 93.7

77 64.3 52.2 78.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.03 ng

RT: 7.75 min Scan# 574

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

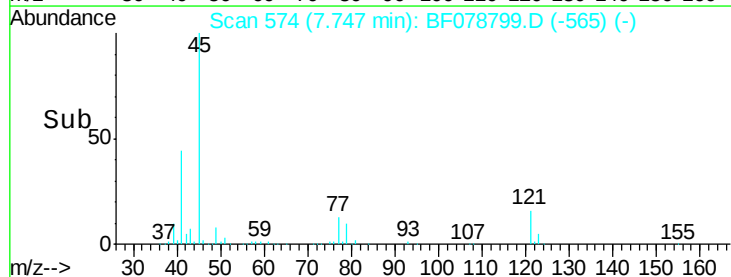
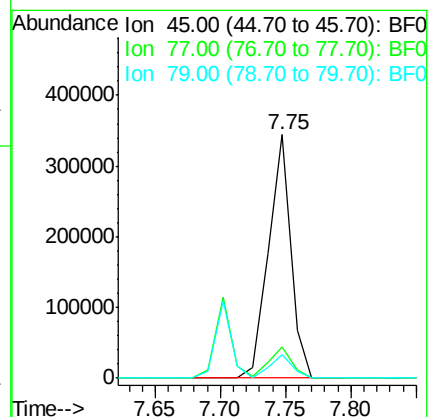
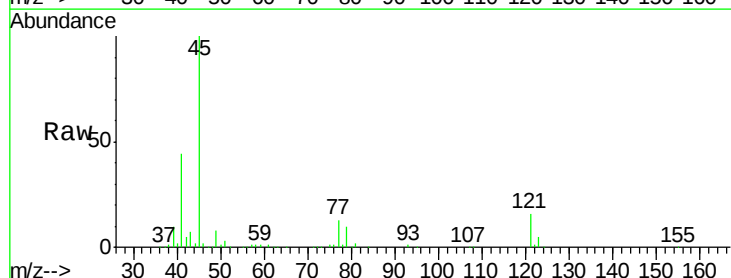
Tgt Ion: 45 Resp: 415263

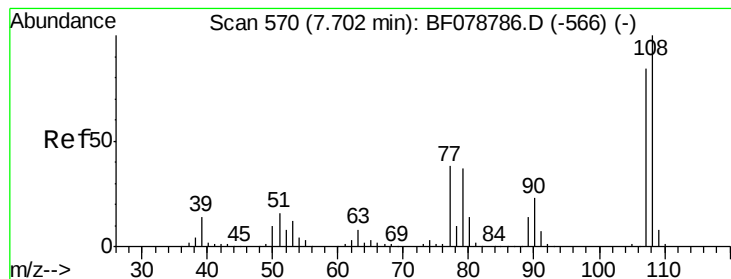
Ion Ratio Lower Upper

45 100

77 12.6 0.0 32.3

79 9.7 0.0 30.1





#17

2-Methylphenol

Concen: 44.06 ng

RT: 7.70 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

Tgt Ion:107 Resp: 216792

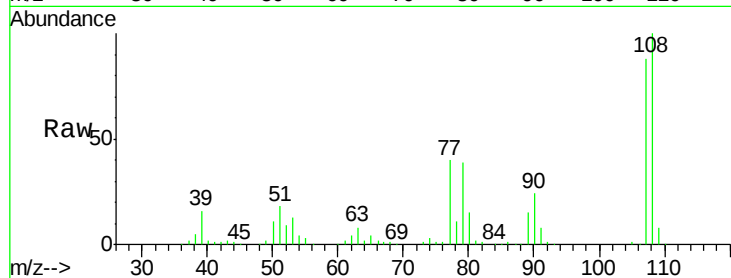
Ion Ratio Lower Upper

107 100

108 113.5 94.9 142.3

77 46.0 36.2 54.4

79 44.1 35.2 52.8

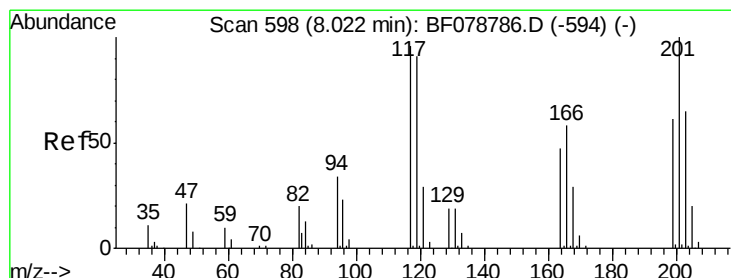
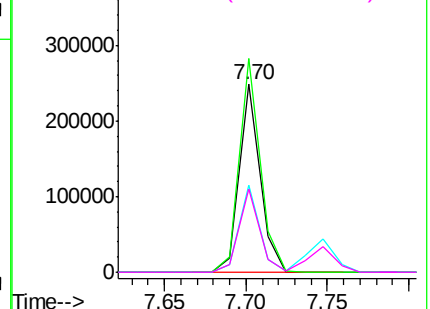
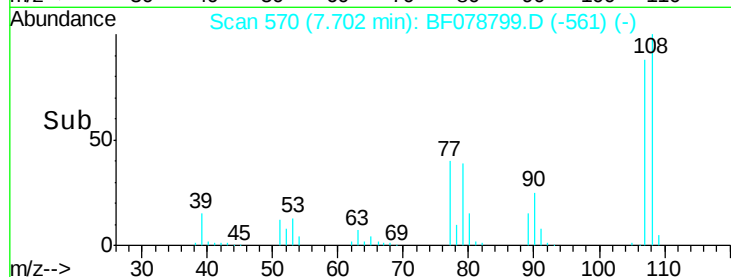


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.69 ng

RT: 8.02 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

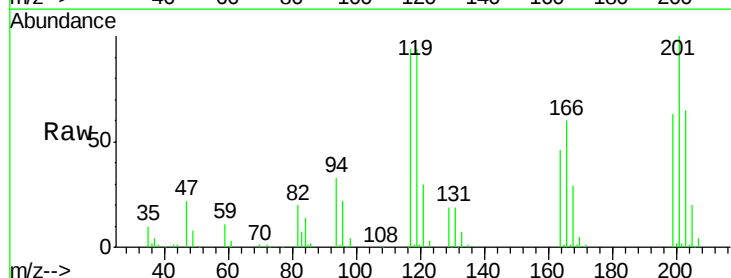
Tgt Ion:117 Resp: 97104

Ion Ratio Lower Upper

117 100

119 100.3 75.4 113.0

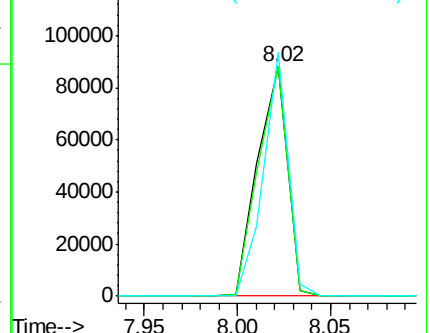
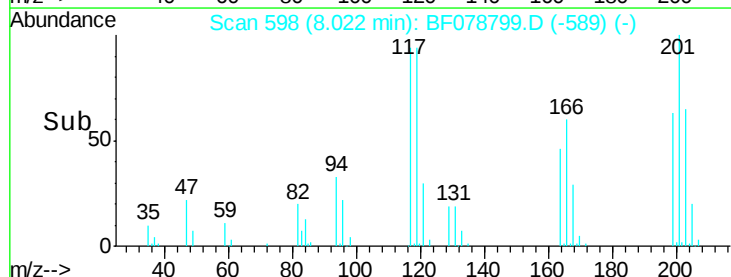
201 106.3 83.2 124.8

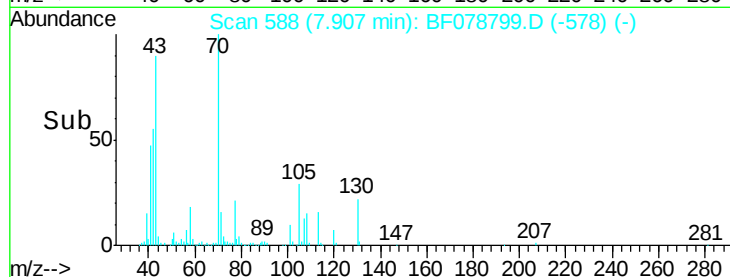
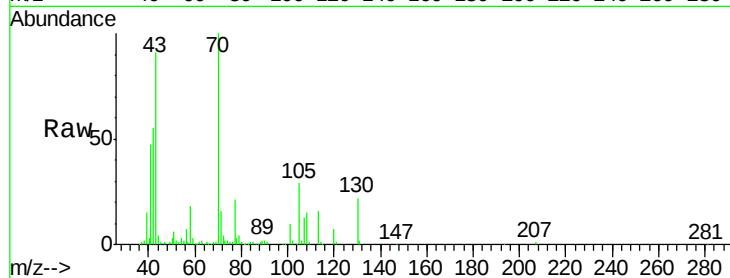
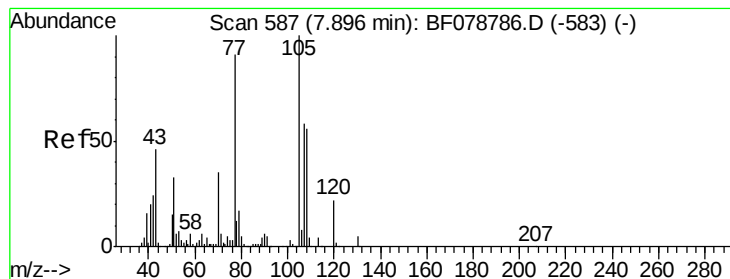


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 39.99 ng

RT: 7.91 min Scan# 588

Delta R.T. 0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

Tgt Ion: 70 Resp: 197065

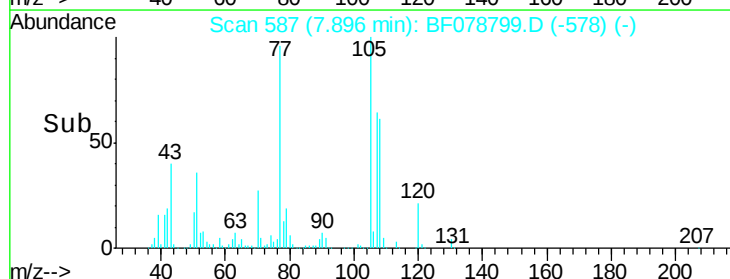
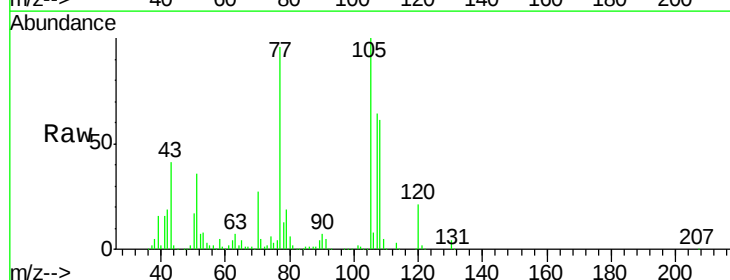
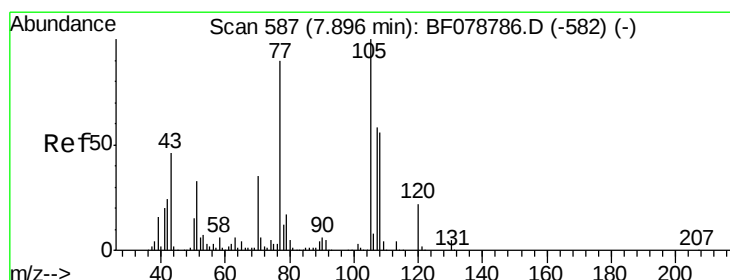
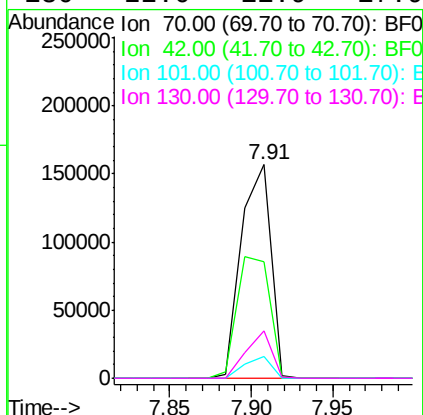
Ion Ratio Lower Upper

70 100

42 54.7 55.4 83.0#

101 10.0 6.6 10.0#

130 22.0 11.9 17.9#



#20

3+4-Methylphenols

Concen: 44.23 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion: 107 Resp: 283527

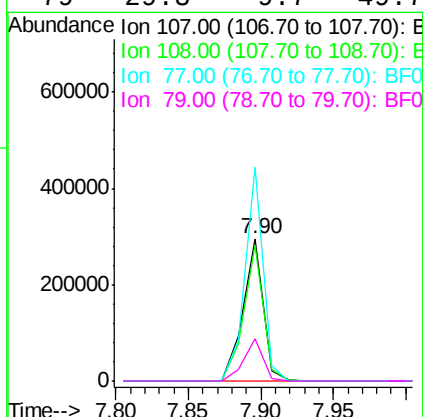
Ion Ratio Lower Upper

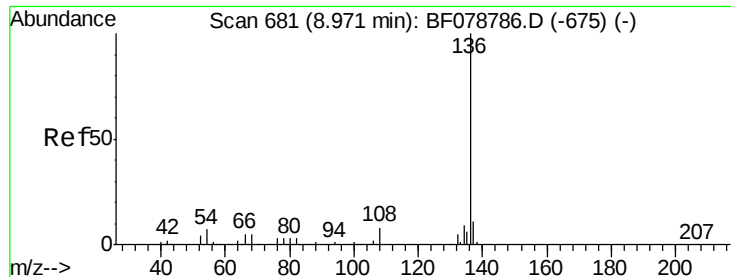
107 100

108 95.0 76.9 116.9

77 149.7 136.8 176.8

79 29.8 9.7 49.7





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.97 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

Tgt Ion:136 Resp: 384314

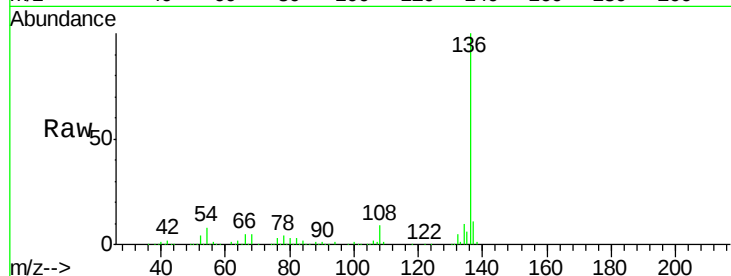
Ion Ratio Lower Upper

136 100

137 10.9 8.7 13.1

54 7.6 5.8 8.8

68 5.5 4.2 6.4

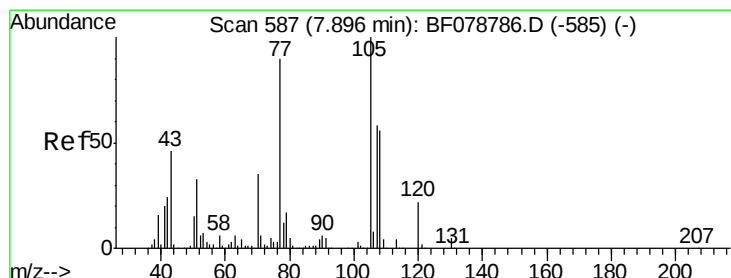
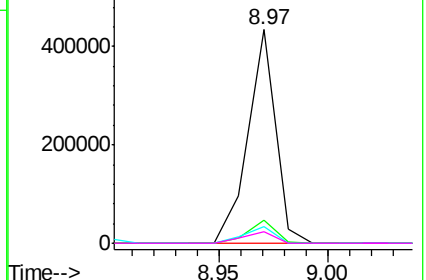
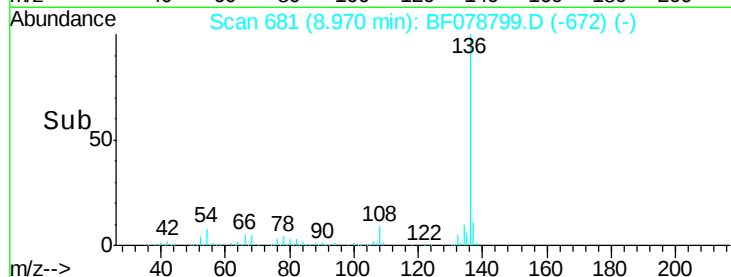


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.49 ng

RT: 7.90 min Scan# 587

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:105 Resp: 387285

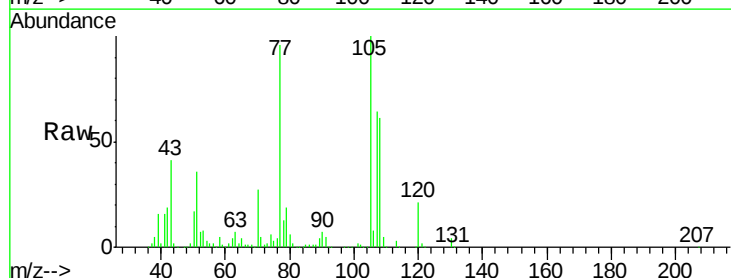
Ion Ratio Lower Upper

105 100

71 4.6 4.6 6.8

51 35.8 26.7 40.1

120 21.4 17.4 26.0

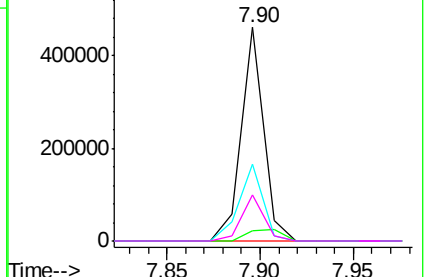
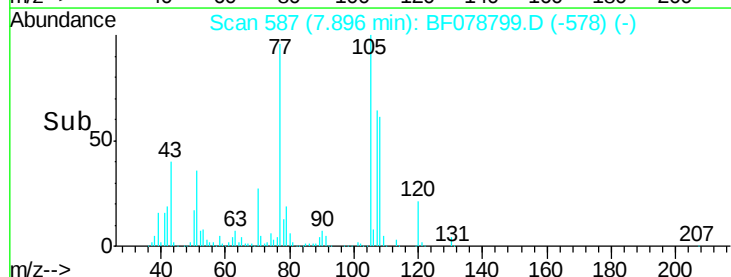


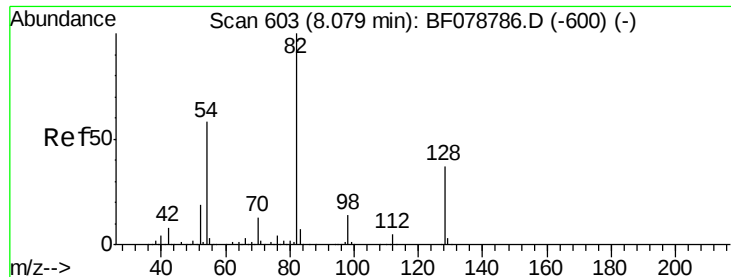
Abundance Ion 105.00 (104.70 to 105.70): E

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

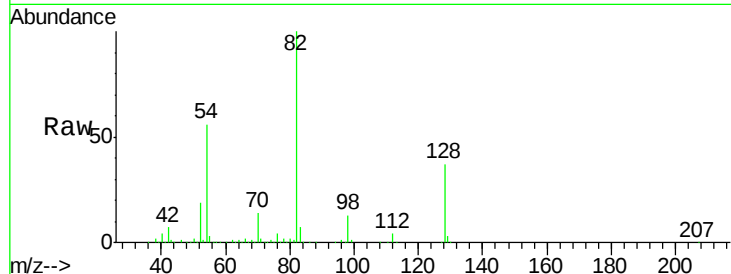




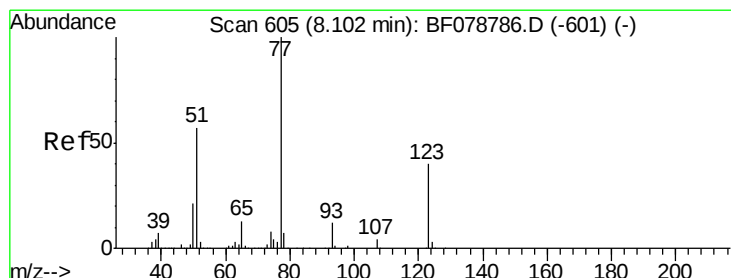
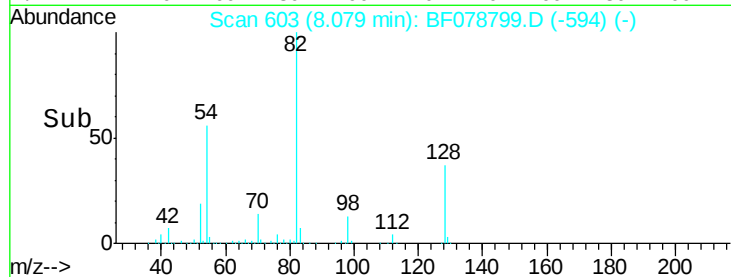
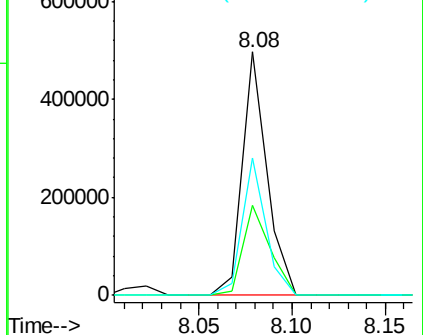
#23  
 Nitrobenzene-d5  
 Concen: 85.49 ng  
 RT: 8.08 min Scan# 603  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 36.8  | 30.0  | 45.0  |
| 54      | 56.3  | 46.4  | 69.6  |

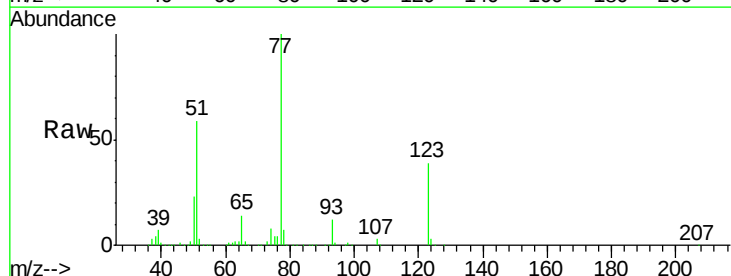


Abundance Ion 82.00 (81.70 to 82.70): BF0  
 Ion 128.00 (127.70 to 128.70): BF0  
 Ion 54.00 (53.70 to 54.70): BF0

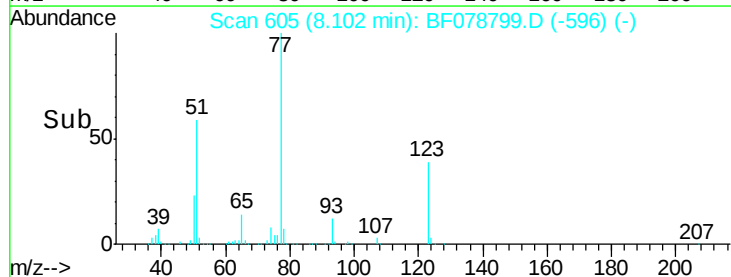
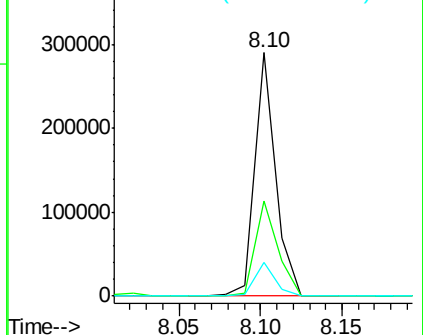


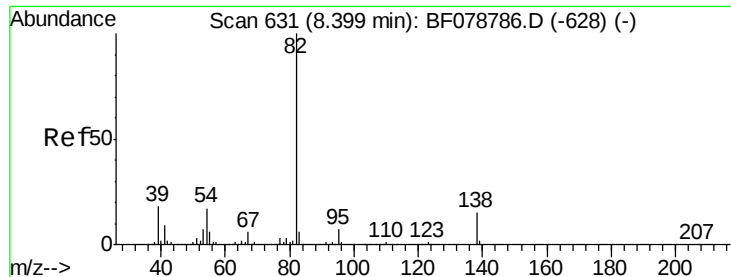
#24  
 Nitrobenzene  
 Concen: 44.91 ng  
 RT: 8.10 min Scan# 605  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 39.0  | 31.8  | 47.8  |
| 65      | 13.8  | 10.6  | 15.8  |



Abundance Ion 77.00 (76.70 to 77.70): BF0  
 Ion 123.00 (122.70 to 123.70): BF0  
 Ion 65.00 (64.70 to 65.70): BF0

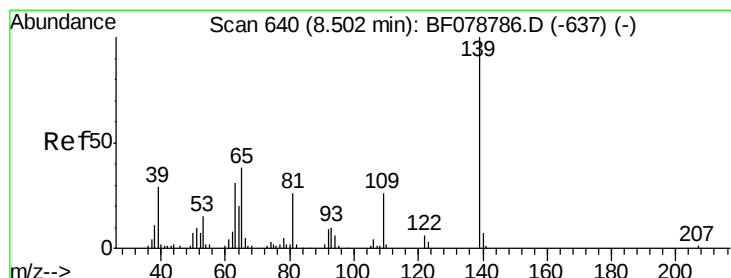
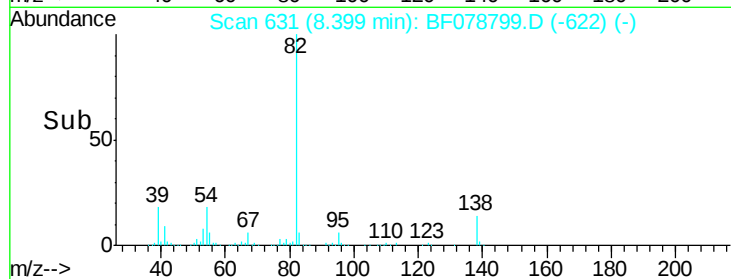
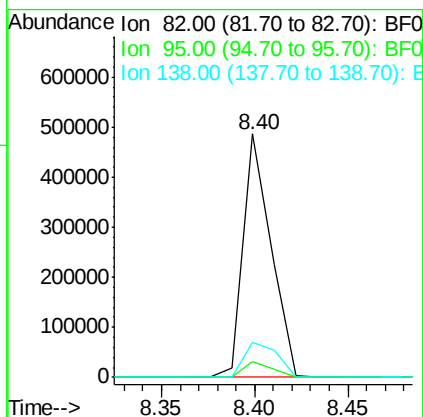
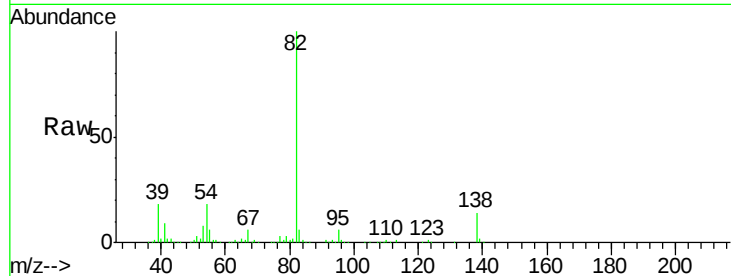




#25  
Isophorone  
Concen: 41.68 ng  
RT: 8.40 min Scan# 631  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

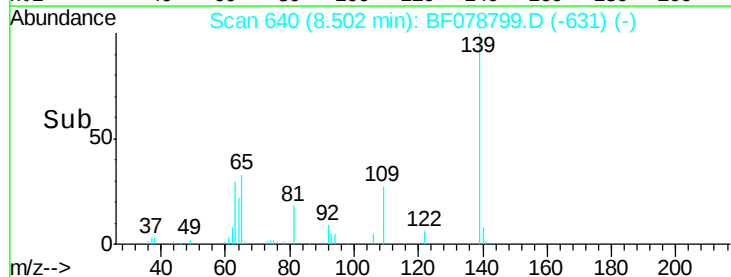
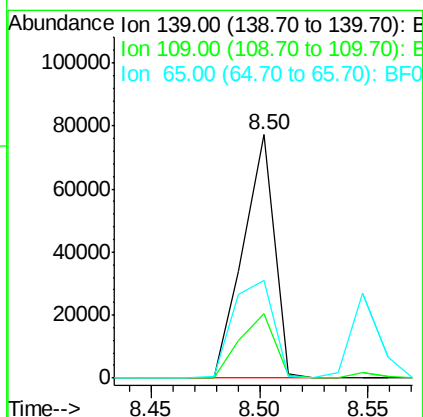
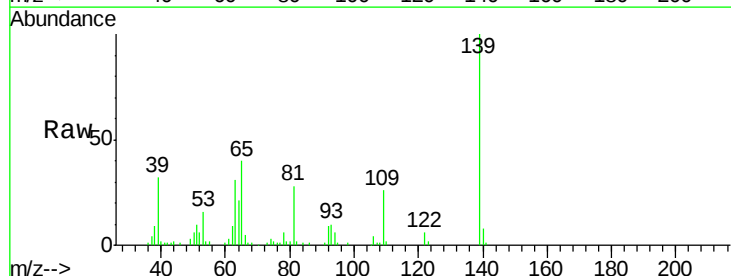
Instrument :  
BNA\_F  
ClientSampleId :  
PB82973BS

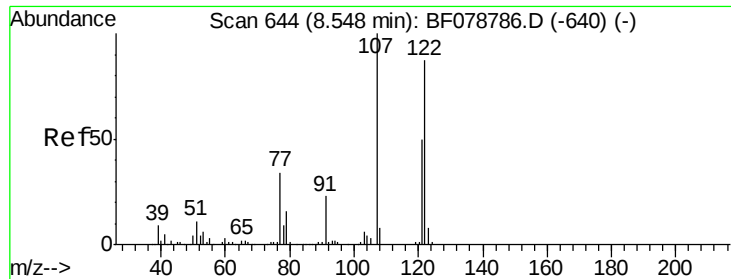
Tgt Ion: 82 Resp: 502971  
Ion Ratio Lower Upper  
82 100  
95 6.4 5.3 7.9  
138 14.3 12.0 18.0



#26  
2-Nitrophenol  
Concen: 46.63 ng  
RT: 8.50 min Scan# 640  
Delta R.T. 0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

Tgt Ion: 139 Resp: 77300  
Ion Ratio Lower Upper  
139 100  
109 26.4 21.0 31.4  
65 40.0 30.5 45.7

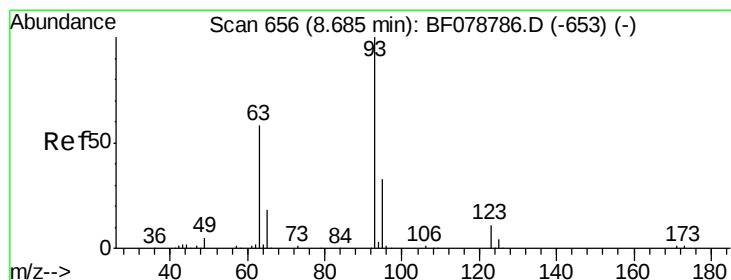
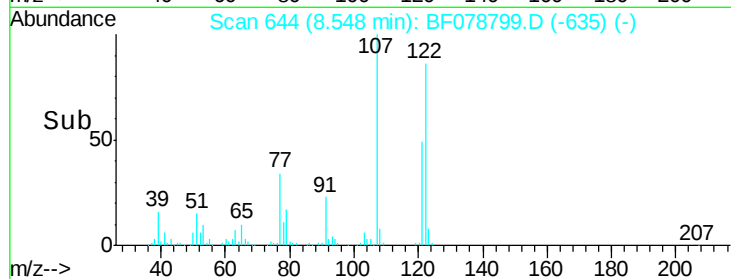
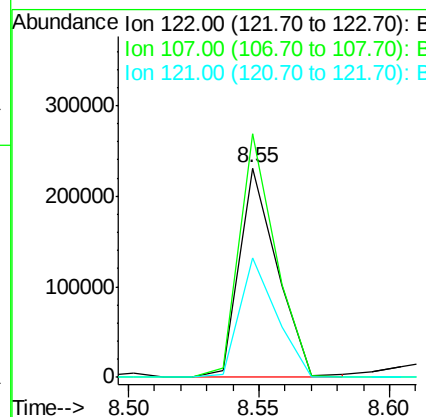
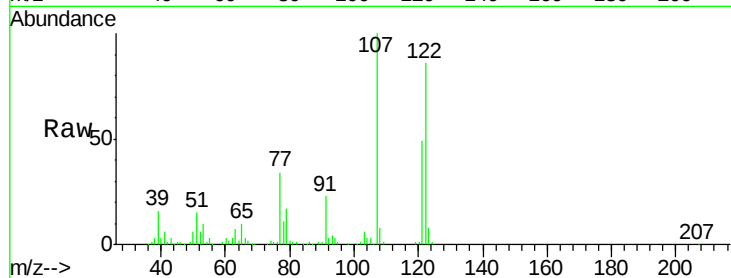




#27  
 2,4-Dimethylphenol  
 Concen: 44.24 ng  
 RT: 8.55 min Scan# 644  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

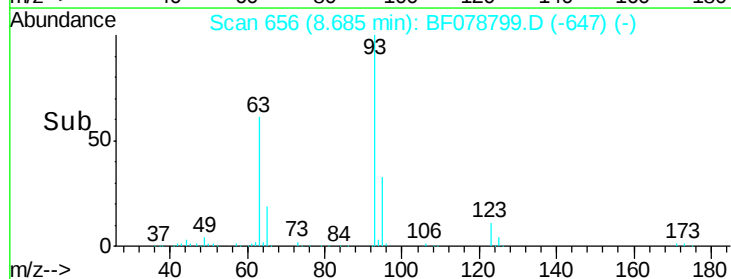
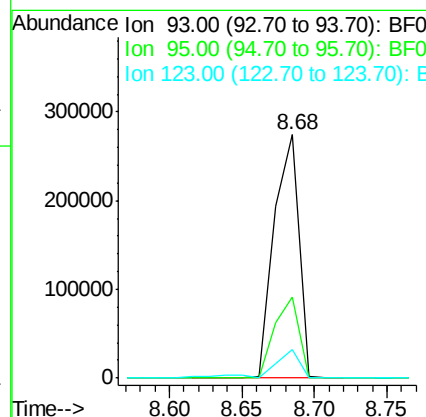
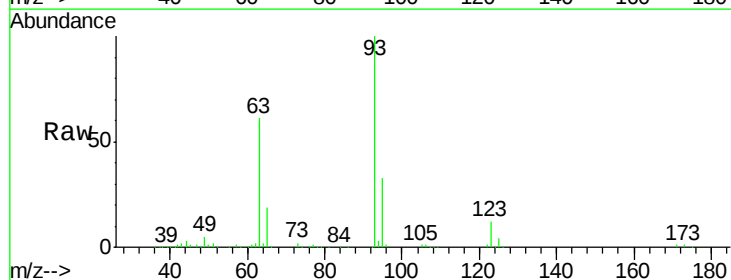
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

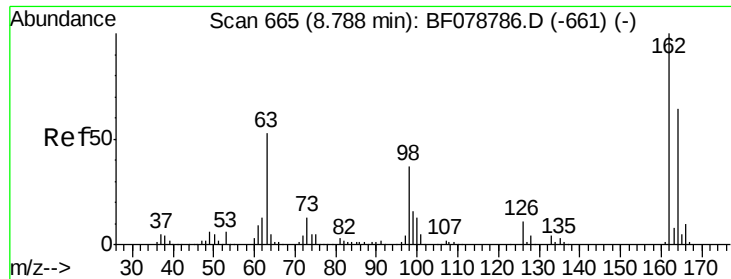
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 116.1 | 90.6  | 135.8 |
| 121     | 56.9  | 45.4  | 68.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 43.49 ng  
 RT: 8.68 min Scan# 656  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.1  | 26.7  | 40.1  |
| 123     | 11.6  | 9.1   | 13.7  |

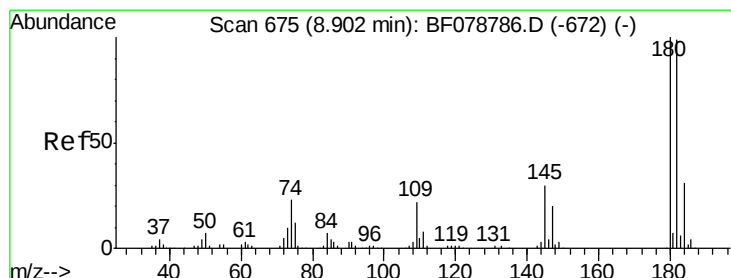
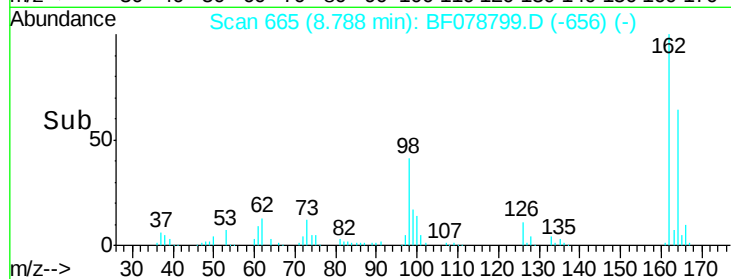
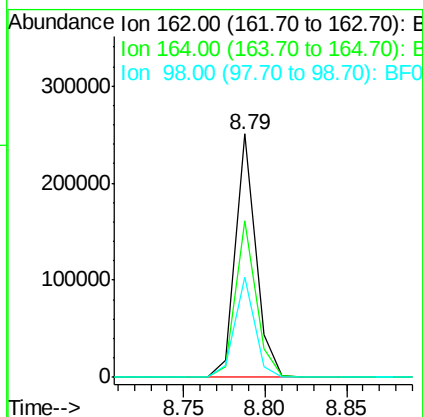
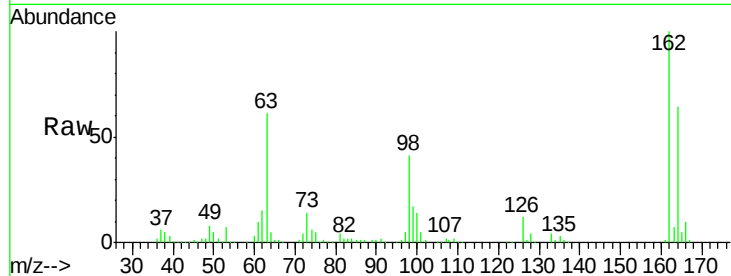




#29  
 2,4-Dichlorophenol  
 Concen: 47.27 ng  
 RT: 8.79 min Scan# 665  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

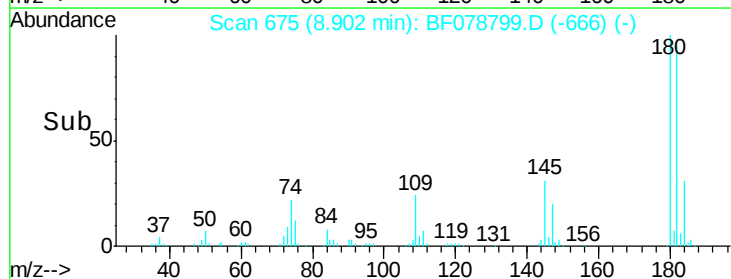
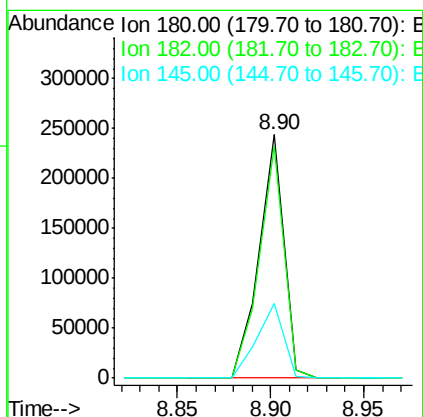
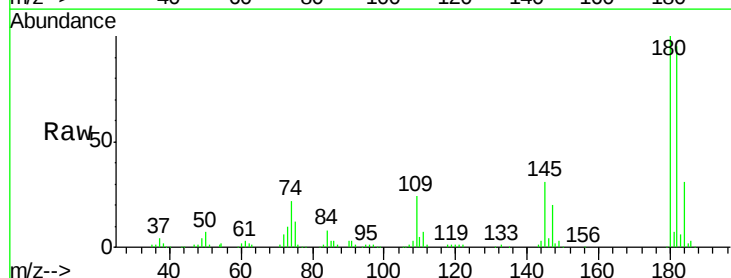
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

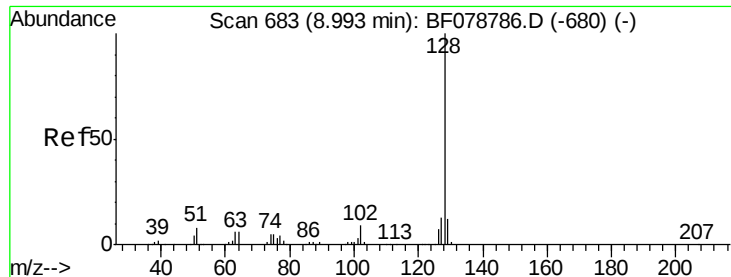
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 43.6  | 83.6  |
| 98      | 41.1  | 16.5  | 56.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 42.73 ng  
 RT: 8.90 min Scan# 675  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.4  | 78.9  | 118.3 |
| 145     | 30.8  | 24.2  | 36.4  |

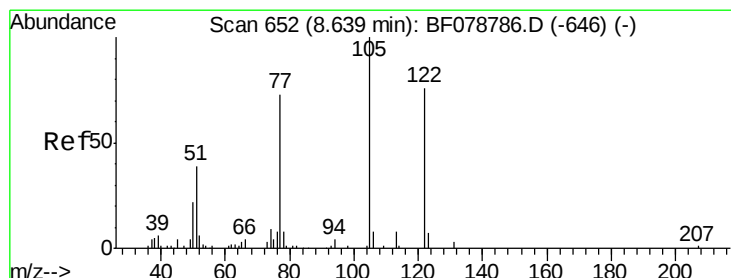
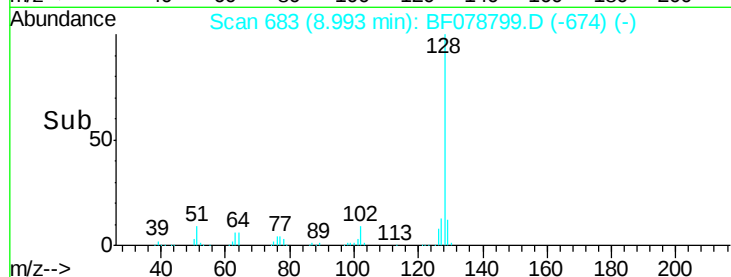
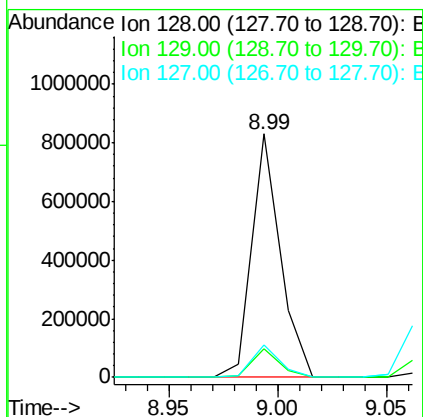
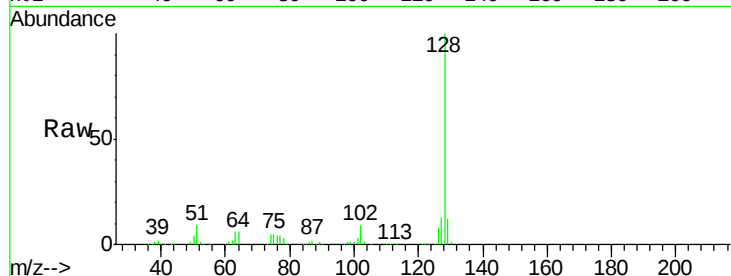




#31  
Naphthalene  
Concen: 41.57 ng  
RT: 8.99 min Scan# 683  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

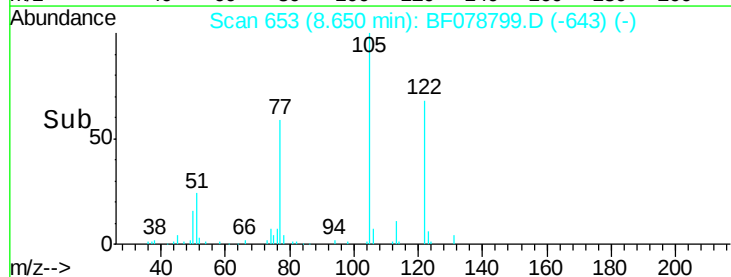
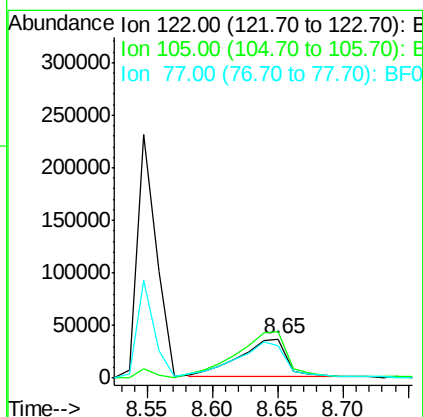
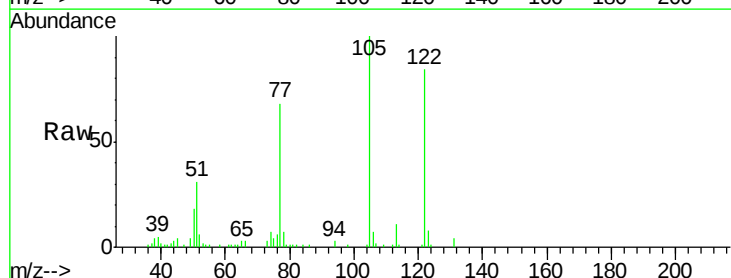
Instrument :  
BNA\_F  
ClientSampled :  
PB82973BS

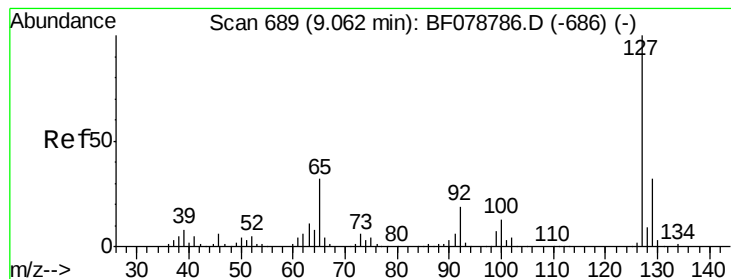
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.7  | 9.3   | 13.9  |
| 127     | 13.5  | 10.7  | 16.1  |



#32  
Benzoic acid  
Concen: 50.94 ng  
RT: 8.65 min Scan# 653  
Delta R.T. 0.01 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 105     | 119.6 | 107.1 | 147.1 |
| 77      | 81.2  | 73.9  | 113.9 |





#33

4-Chloroaniline

Concen: 20.16 ng

RT: 9.06 min Scan# 689

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

Tgt Ion:127 Resp: 154797

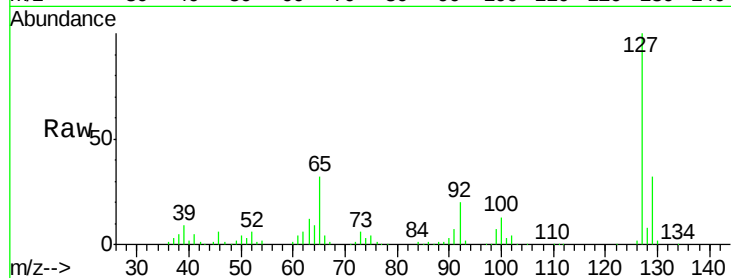
Ion Ratio Lower Upper

127 100

129 32.2 25.8 38.8

65 32.3 25.8 38.6

92 19.7 15.5 23.3

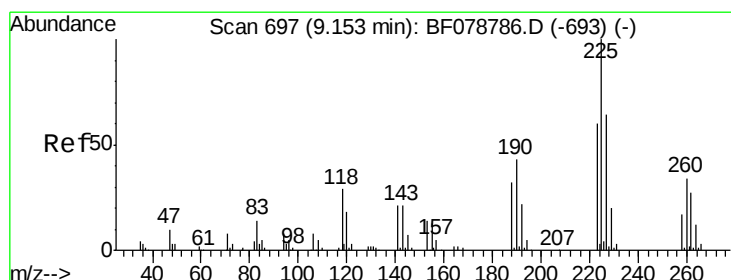
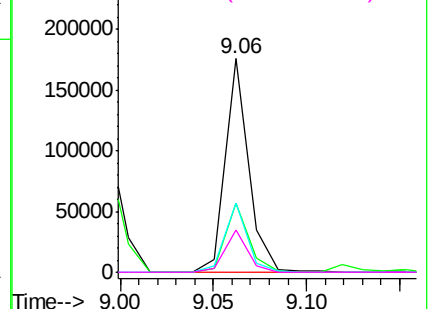
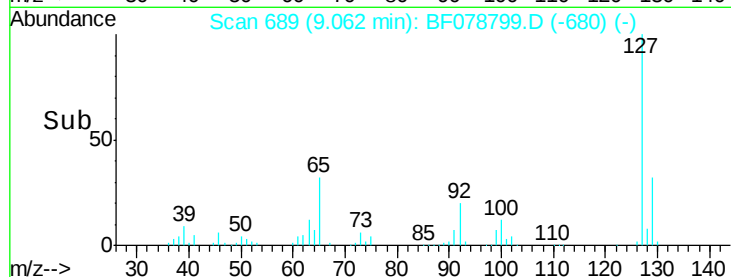


Abundance Ion 127.00 (126.70 to 127.70): E

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: 41.03 ng

RT: 9.15 min Scan# 697

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

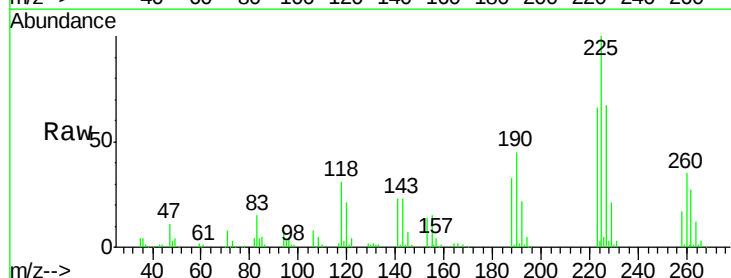
Tgt Ion:225 Resp: 121637

Ion Ratio Lower Upper

225 100

223 65.5 48.2 72.4

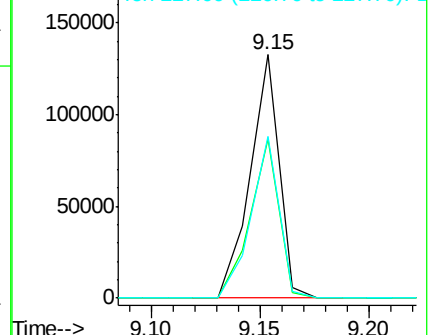
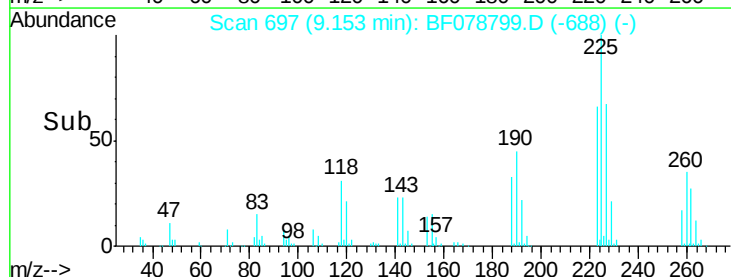
227 66.5 51.4 77.0

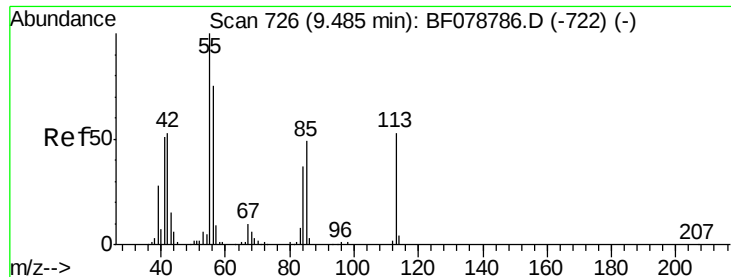


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

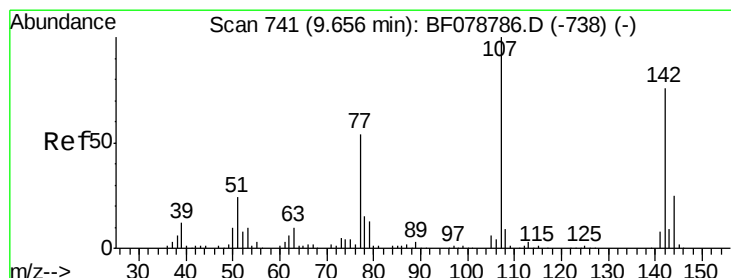
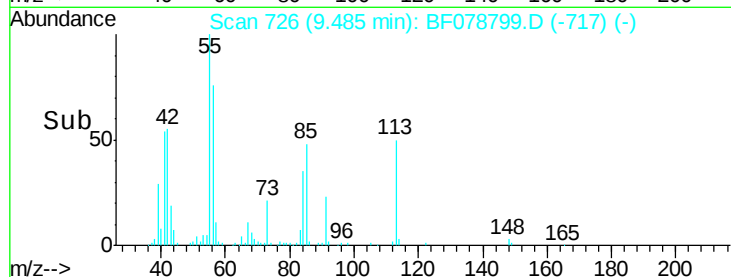
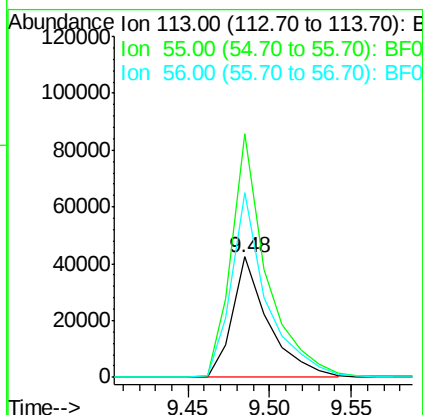
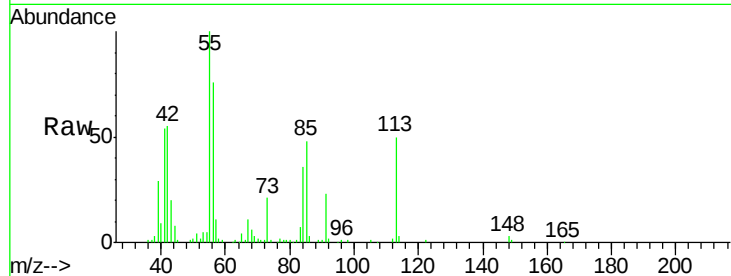




#35  
 Caprolactam  
 Concen: 43.73 ng  
 RT: 9.48 min Scan# 726  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

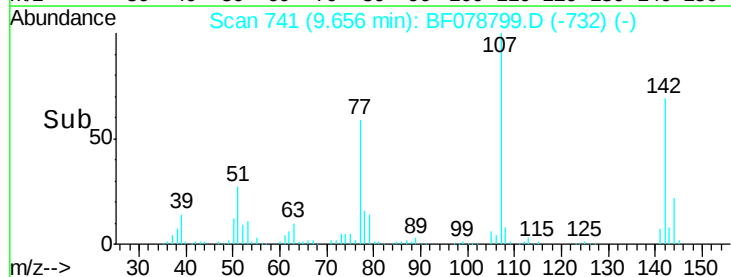
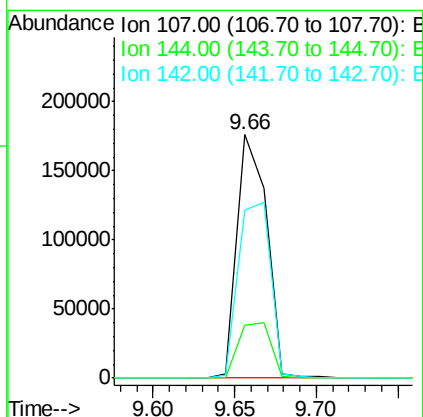
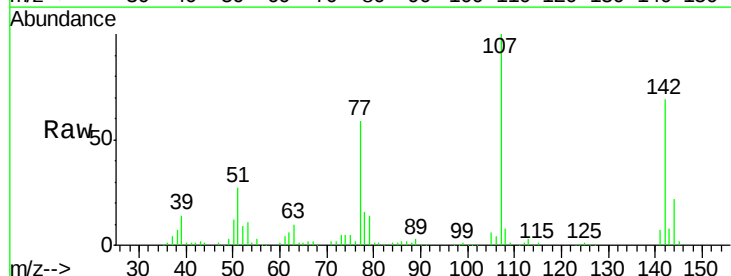
Instrument :  
 BNA\_F  
 ClientSampled :  
 PB82973BS

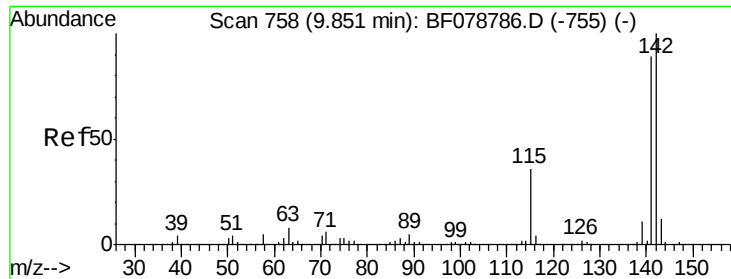
Tgt Ion:113 Resp: 65061  
 Ion Ratio Lower Upper  
 113 100  
 55 201.9 169.7 209.7  
 56 153.4 122.5 162.5



#36  
 4-Chloro-3-methylphenol  
 Concen: 46.10 ng  
 RT: 9.66 min Scan# 741  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:107 Resp: 221481  
 Ion Ratio Lower Upper  
 107 100  
 144 21.7 19.8 29.6  
 142 69.2 60.6 91.0

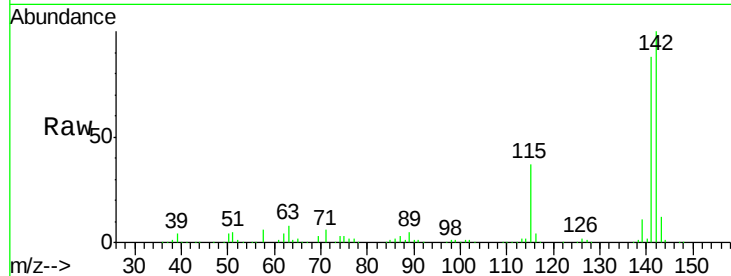




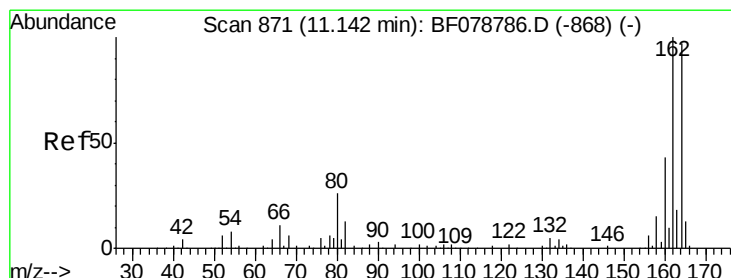
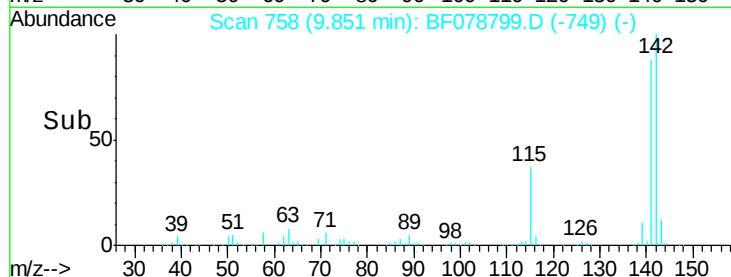
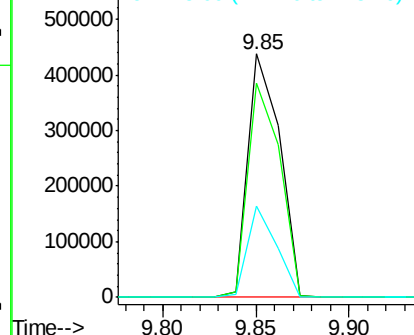
#37  
 2-Methylnaphthalene  
 Concen: 42.52 ng  
 RT: 9.85 min Scan# 758  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 88.2  | 70.9  | 106.3 |
| 115     | 37.3  | 28.5  | 42.7  |

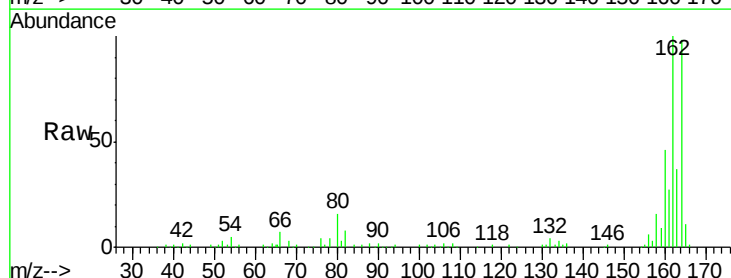


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 115.00 (114.70 to 115.70): E

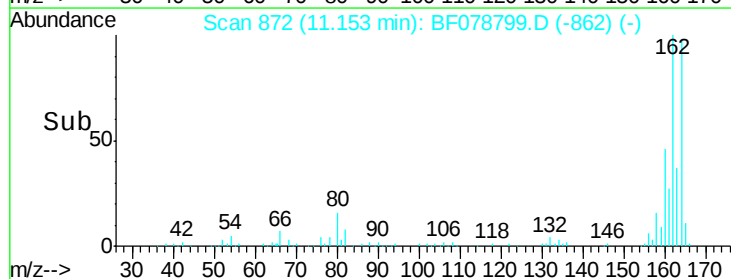
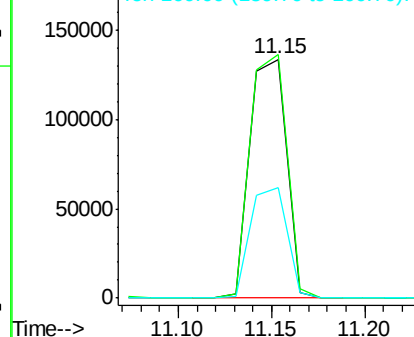


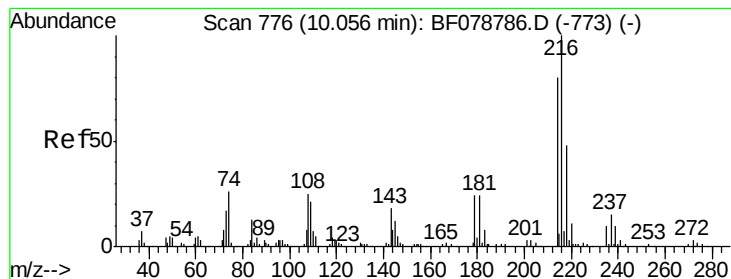
#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 11.15 min Scan# 872  
 Delta R.T. 0.01 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 102.1 | 82.7  | 124.1 |
| 160     | 46.4  | 35.8  | 53.8  |



Abundance Ion 164.00 (163.70 to 164.70): E  
 Ion 162.00 (161.70 to 162.70): E  
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.82 ng

RT: 10.06 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

Tgt Ion:216 Resp: 206190

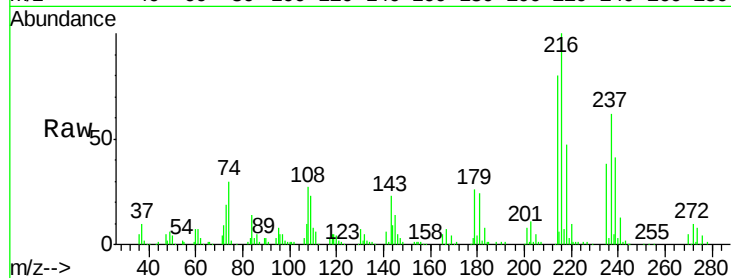
Ion Ratio Lower Upper

216 100

214 78.2 0.0 0.0#

179 22.6 0.0 0.0#

108 25.5 0.0 0.0#

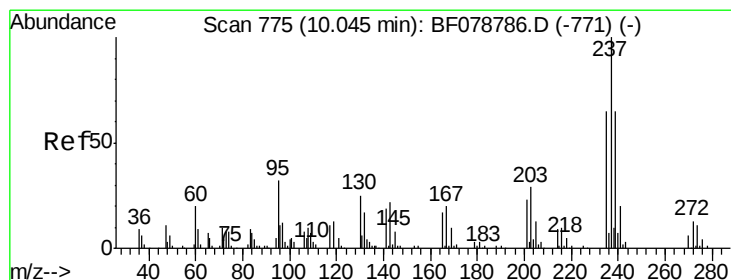
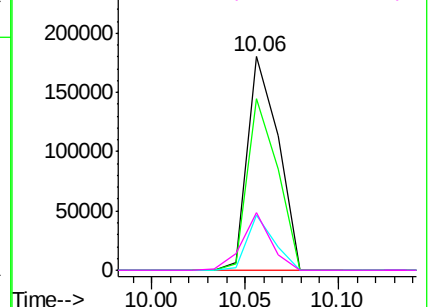
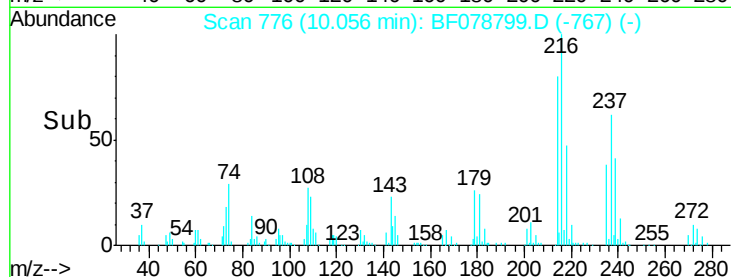


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 96.98 ng

RT: 10.04 min Scan# 775

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

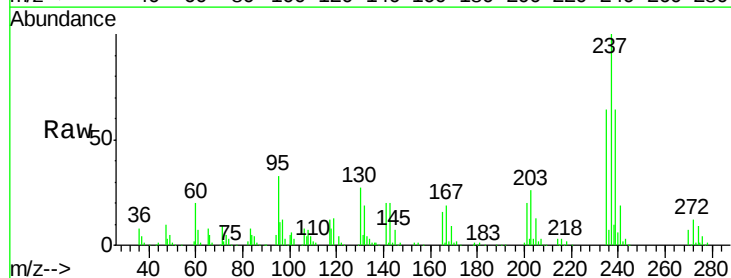
Tgt Ion:237 Resp: 211088

Ion Ratio Lower Upper

237 100

235 63.8 44.7 84.7

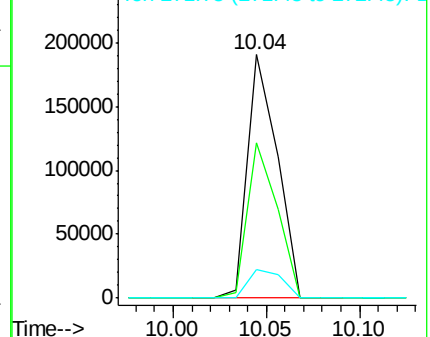
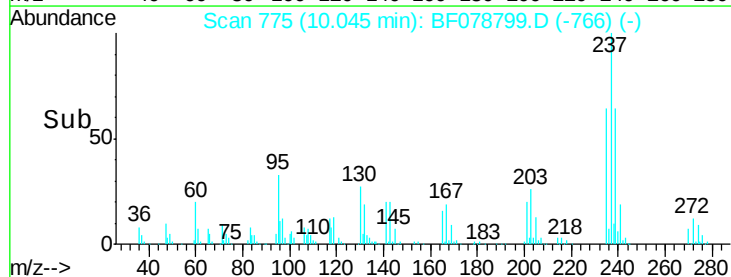
272 11.5 0.0 32.6

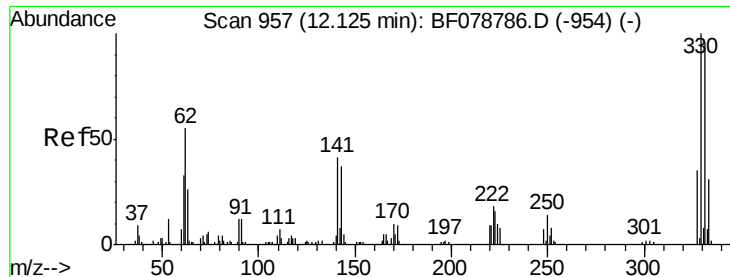


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

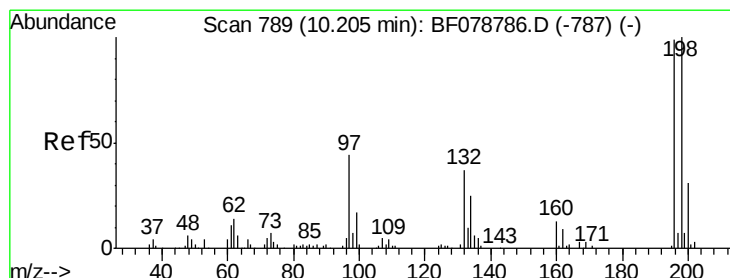
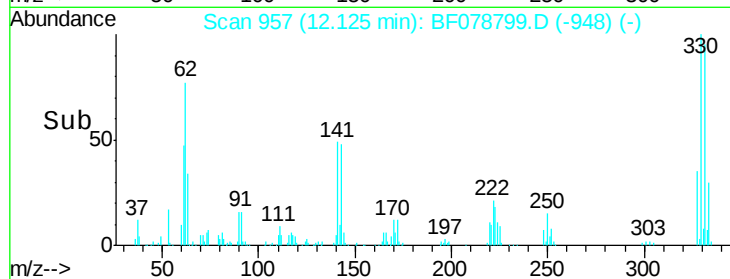
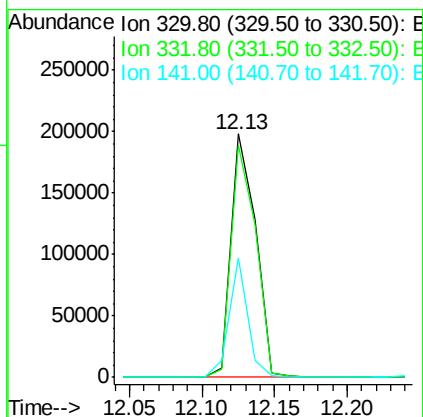
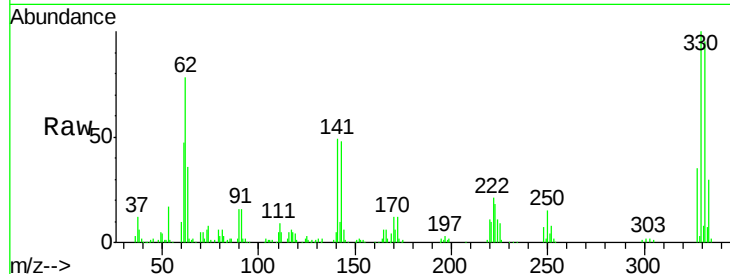




#41  
 2,4,6-Tribromophenol  
 Concen: 129.04 ng  
 RT: 12.13 min Scan# 957  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

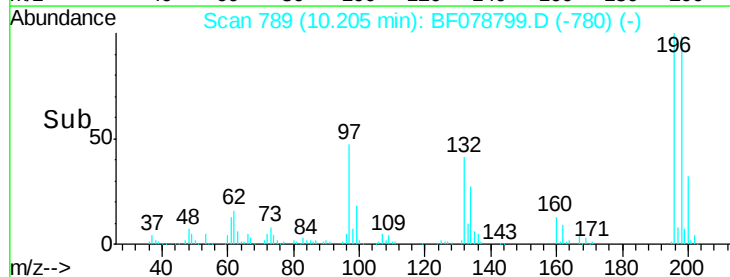
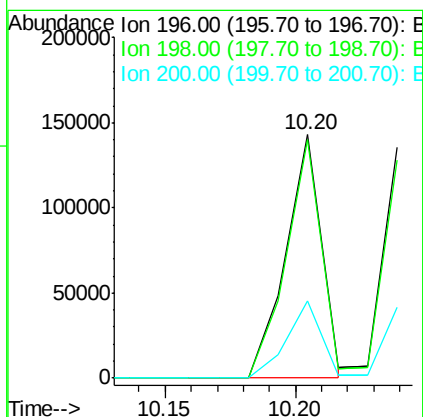
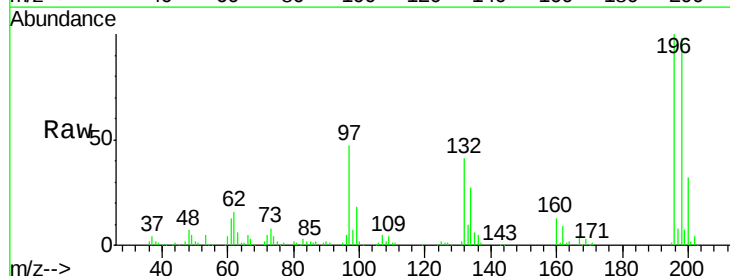
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Tgt Ion:330 Resp: 234374  
 Ion Ratio Lower Upper  
 330 100  
 332 95.8 0.0 0.0#  
 141 36.9 0.0 0.0#



#42  
 2,4,6-Trichlorophenol  
 Concen: 43.58 ng  
 RT: 10.20 min Scan# 789  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:196 Resp: 135629  
 Ion Ratio Lower Upper  
 196 100  
 198 98.2 80.5 120.7  
 200 31.6 24.9 37.3

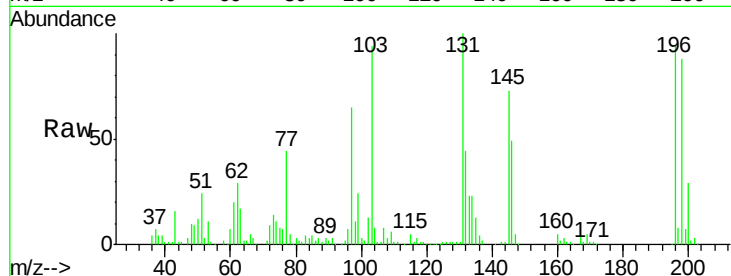




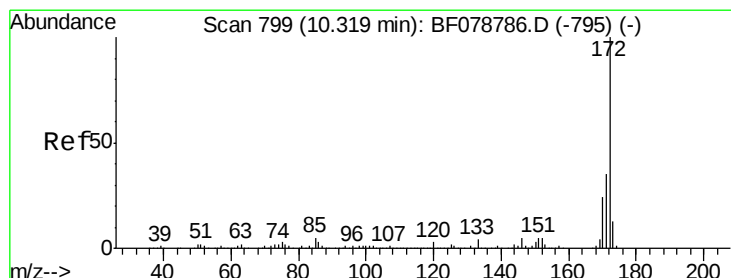
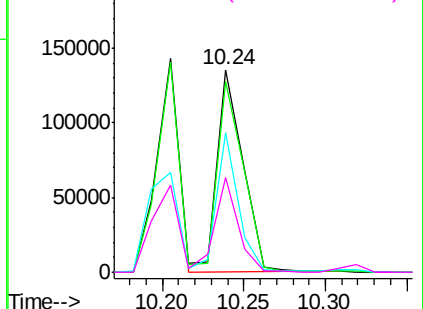
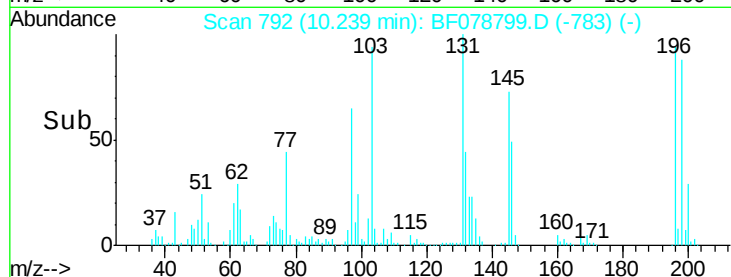
#43  
 2,4,5-Trichlorophenol  
 Concen: 42.95 ng  
 RT: 10.24 min Scan# 792  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Tgt Ion:196 Resp: 147028  
 Ion Ratio Lower Upper  
 196 100  
 198 94.3 79.8 119.6  
 97 69.0 46.0 69.0  
 132 46.6 26.6 40.0#

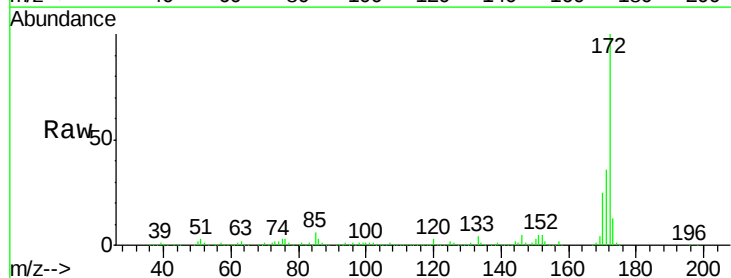


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BF0  
 Ion 132.00 (131.70 to 132.70): E

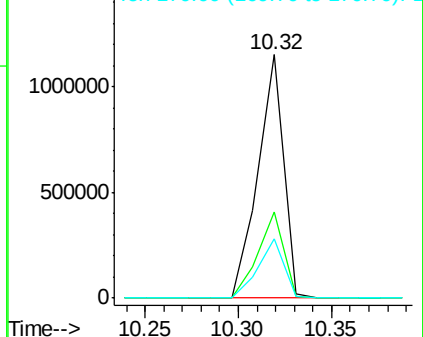
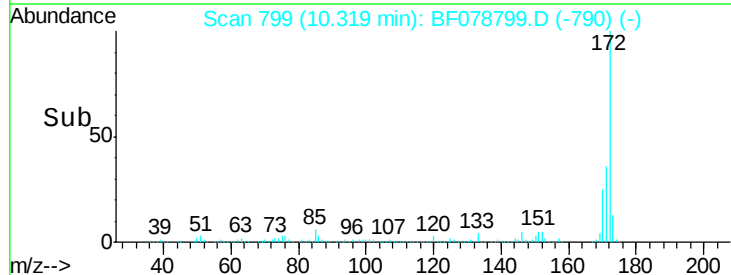


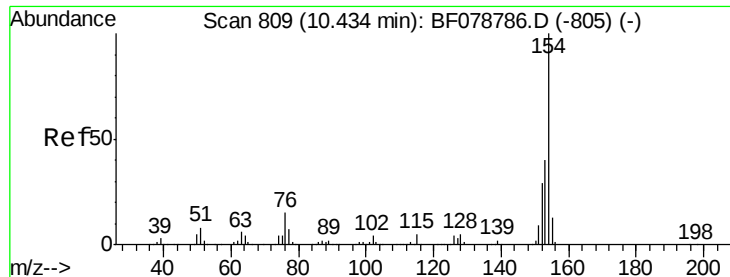
#44  
 2-Fluorobiphenyl  
 Concen: 81.88 ng  
 RT: 10.32 min Scan# 799  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:172 Resp: 1092707  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 27.9 41.9  
 170 24.5 19.4 29.0



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

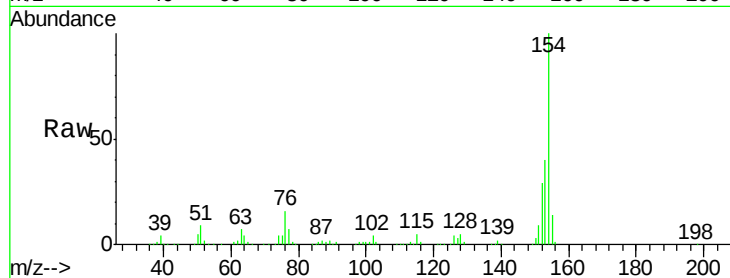




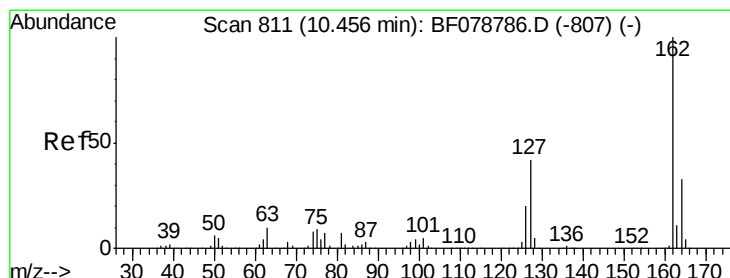
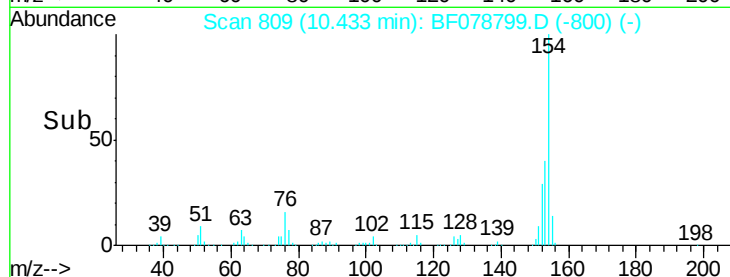
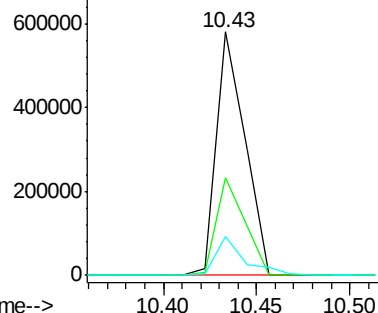
#45  
 1,1'-Biphenyl  
 Concen: 41.94 ng  
 RT: 10.43 min Scan# 809  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 615152 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 40.2  | 19.9  | 59.9   |
| 76       | 16.0  | 0.0   | 35.0   |

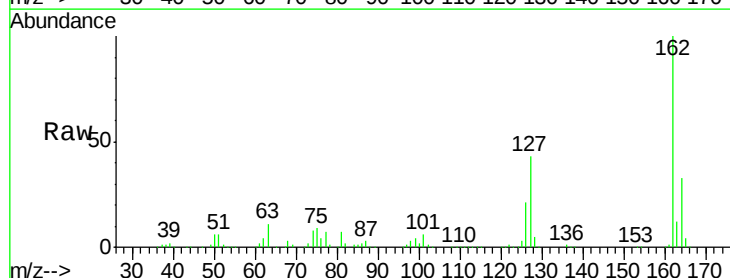


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BF0

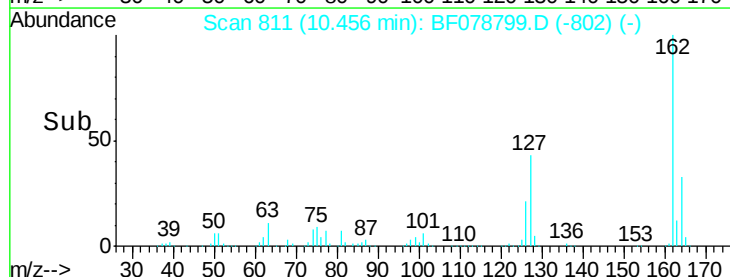
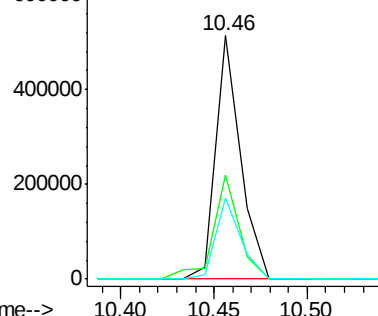


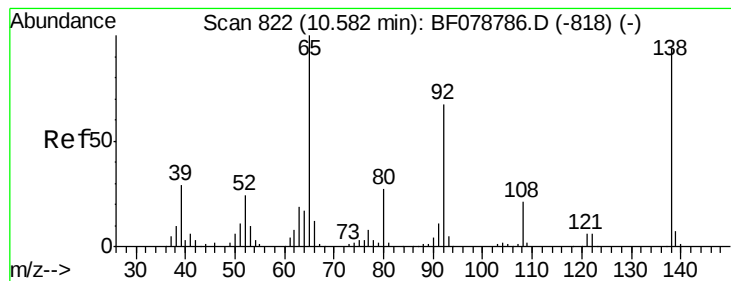
#46  
 2-Chloronaphthalene  
 Concen: 41.34 ng  
 RT: 10.46 min Scan# 811  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 473794 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 42.7  | 33.9  | 50.9   |
| 164      | 33.1  | 26.3  | 39.5   |



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

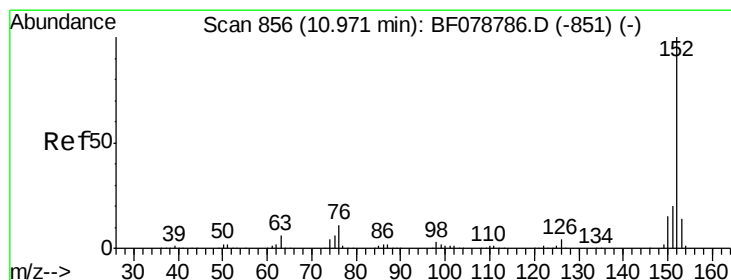
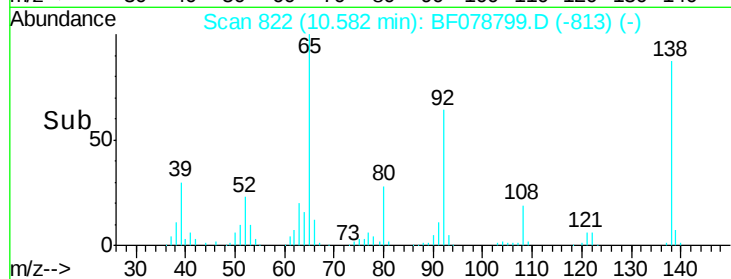
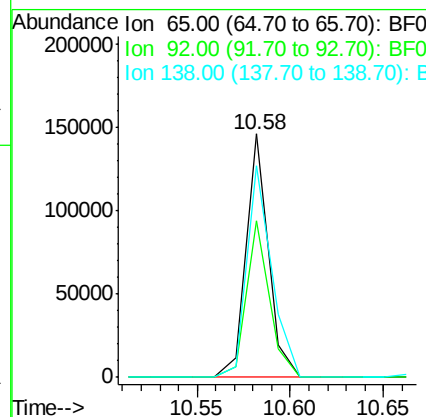
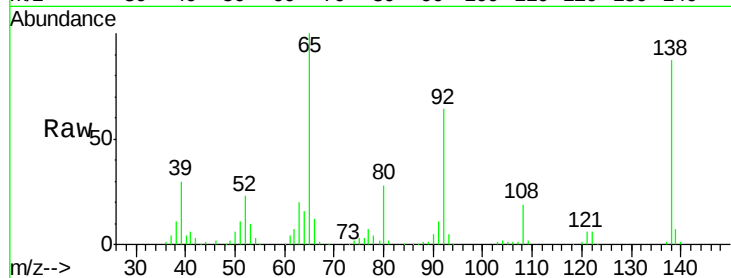




#47  
 2-Nitroaniline  
 Concen: 46.02 ng  
 RT: 10.58 min Scan# 822  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

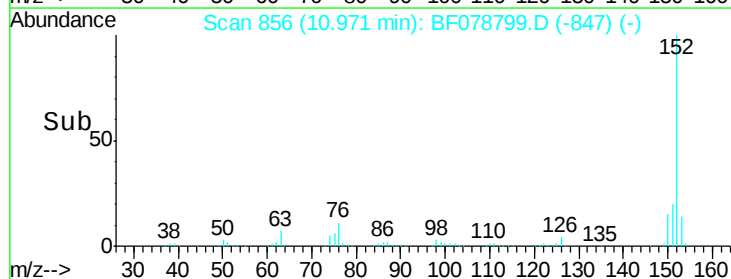
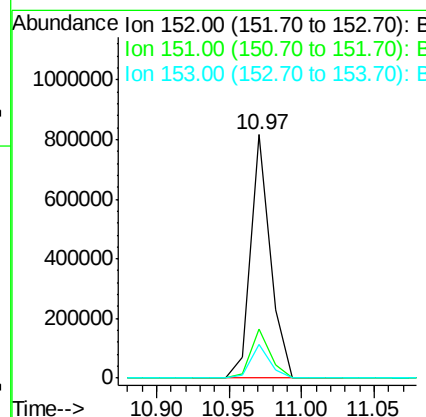
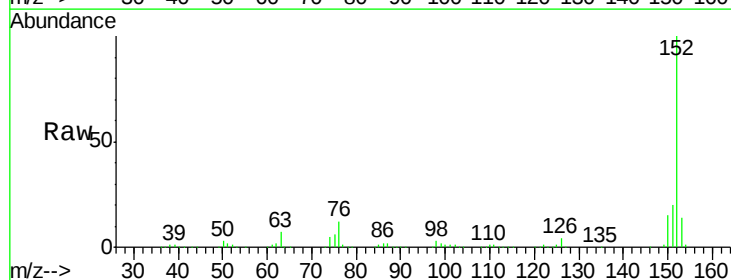
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

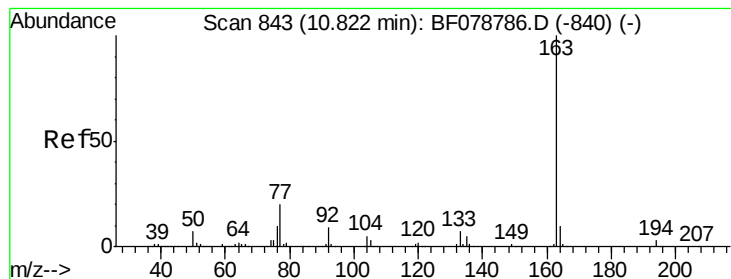
Tgt Ion: 65 Resp: 121354  
 Ion Ratio Lower Upper  
 65 100  
 92 64.2 54.0 81.0  
 138 87.2 75.0 112.6



#48  
 Acenaphthylene  
 Concen: 40.98 ng  
 RT: 10.97 min Scan# 856  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion: 152 Resp: 768658  
 Ion Ratio Lower Upper  
 152 100  
 151 20.3 16.2 24.4  
 153 13.9 10.9 16.3





#49

Dimethylphthalate

Concen: 42.60 ng

RT: 10.82 min Scan# 843

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

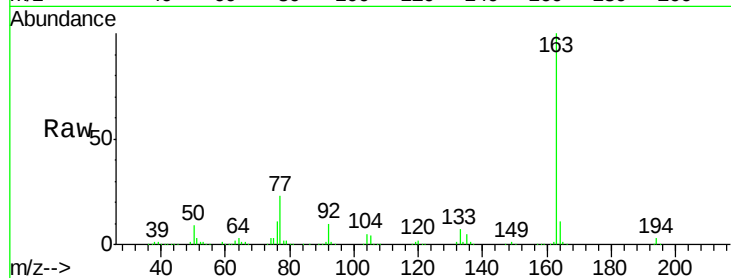
Tgt Ion:163 Resp: 553476

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

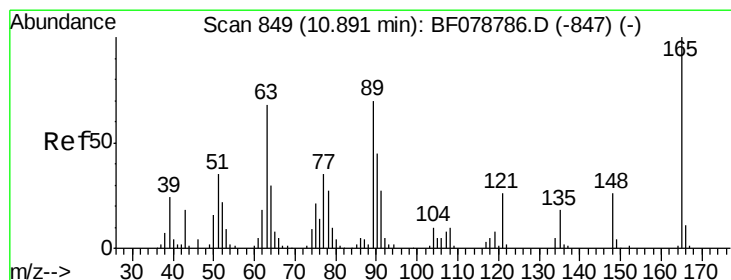
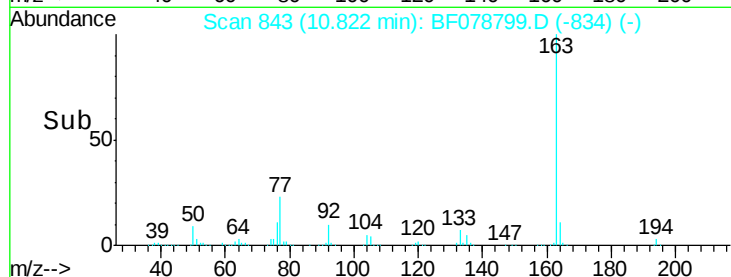
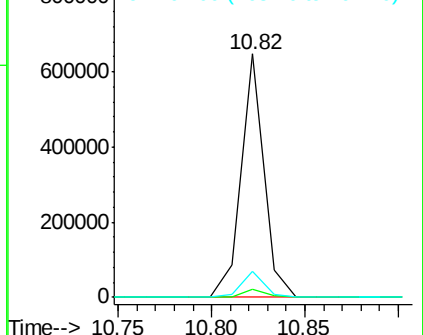
164 10.5 8.1 12.1



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: 43.41 ng

RT: 10.89 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

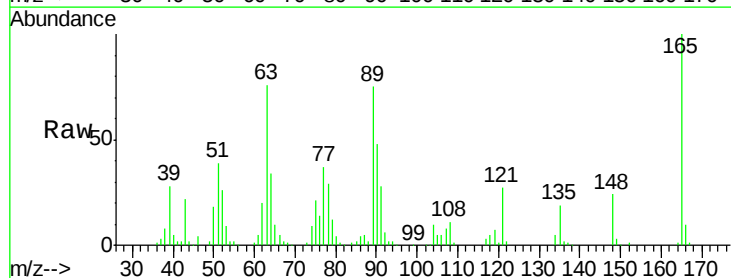
Tgt Ion:165 Resp: 97533

Ion Ratio Lower Upper

165 100

63 75.9 54.4 81.6

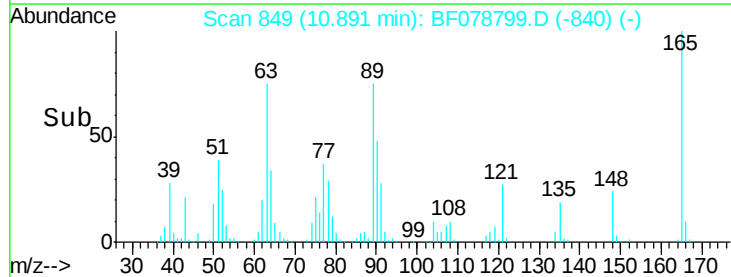
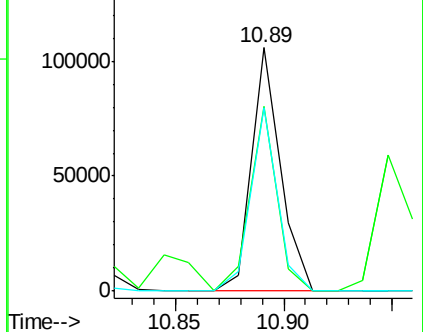
89 75.1 55.7 83.5

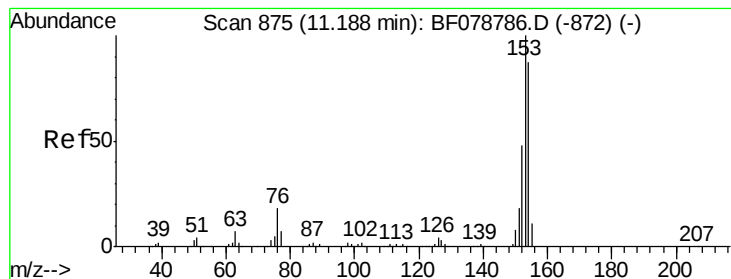


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.27 ng

RT: 11.19 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

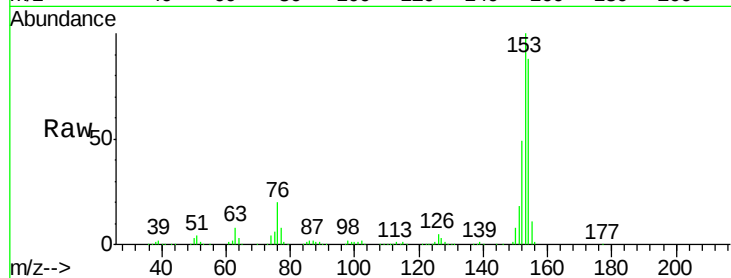
Tgt Ion:154 Resp: 476581

Ion Ratio Lower Upper

154 100

153 113.1 91.5 137.3

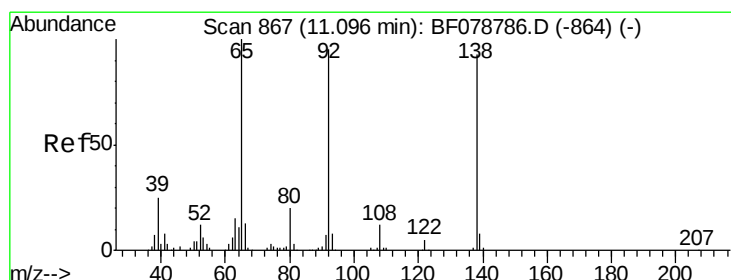
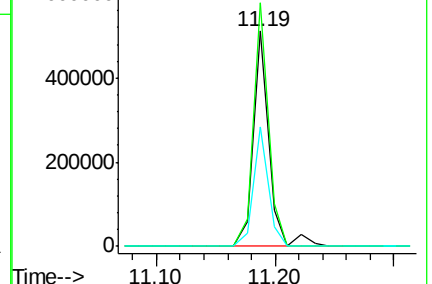
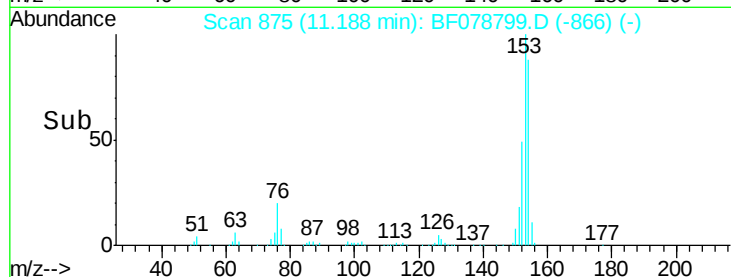
152 55.4 44.2 66.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 27.44 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

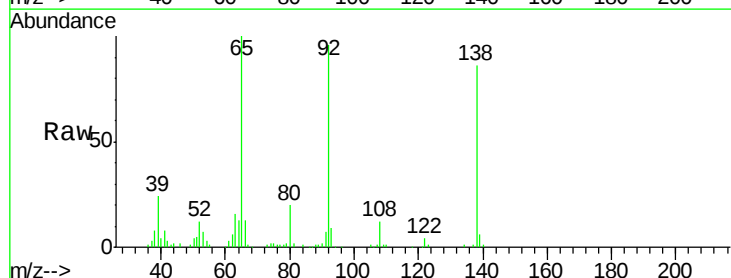
Tgt Ion:138 Resp: 76147

Ion Ratio Lower Upper

138 100

108 14.4 10.6 16.0

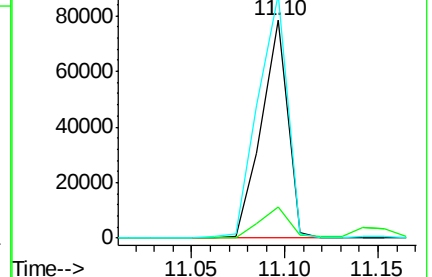
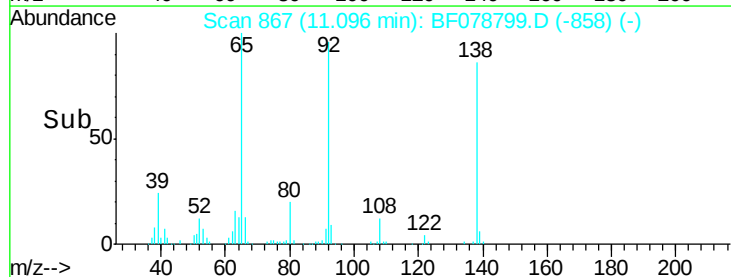
92 111.8 81.8 122.6

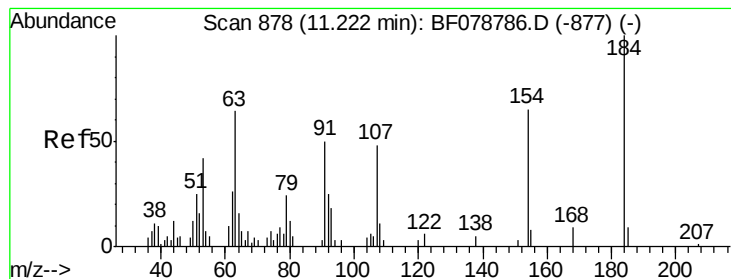


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 109.71 ng

RT: 11.22 min Scan# 878

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

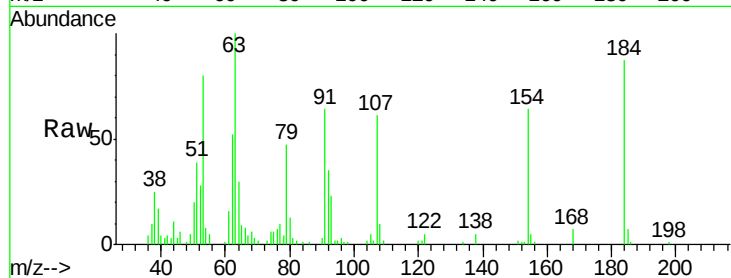
Tgt Ion:184 Resp: 36750

Ion Ratio Lower Upper

184 100

63 114.5 63.3 94.9#

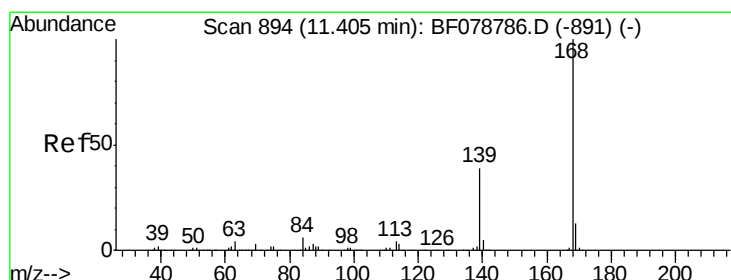
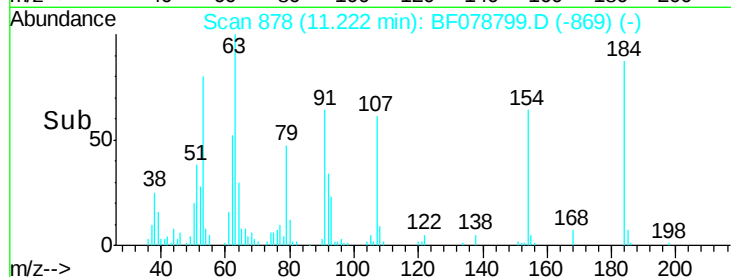
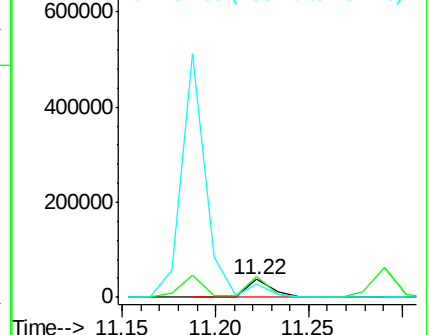
154 73.5 53.8 80.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 43.14 ng

RT: 11.40 min Scan# 894

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

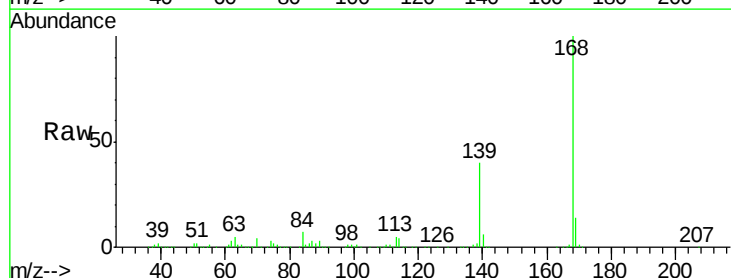
Tgt Ion:168 Resp: 697182

Ion Ratio Lower Upper

168 100

139 40.3 31.0 46.4

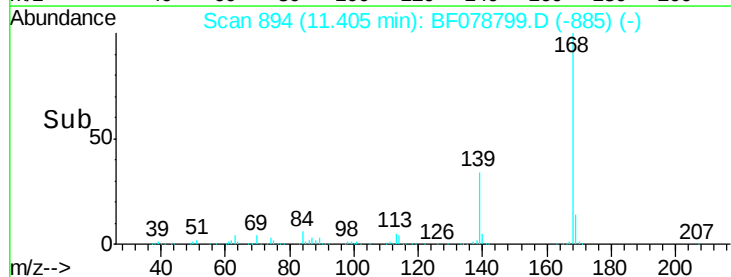
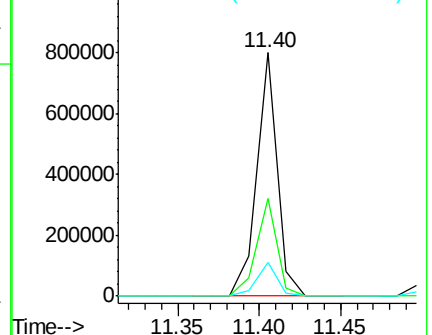
169 13.9 10.6 16.0

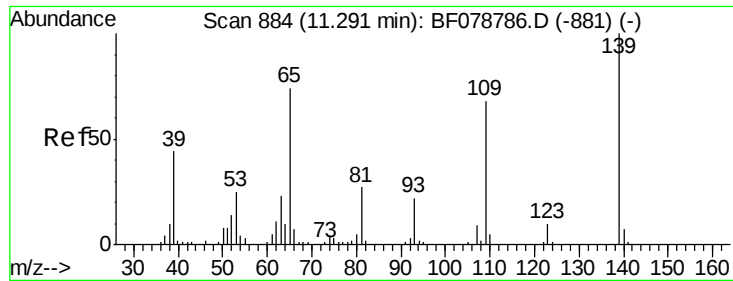


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

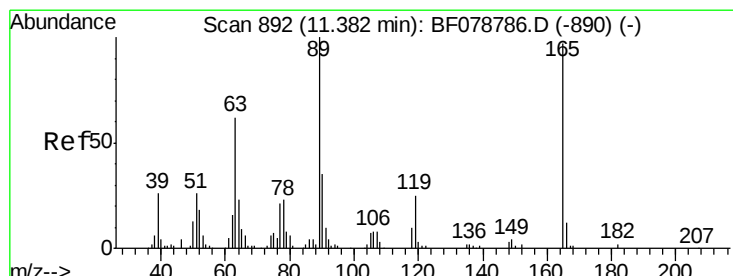
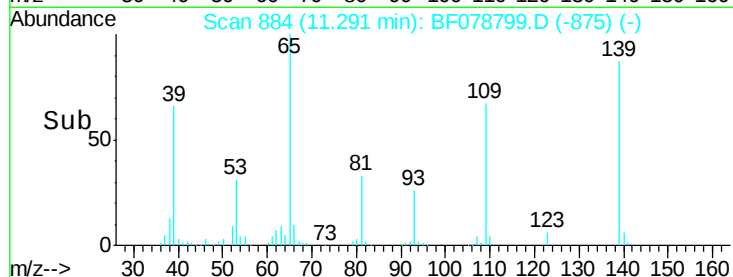
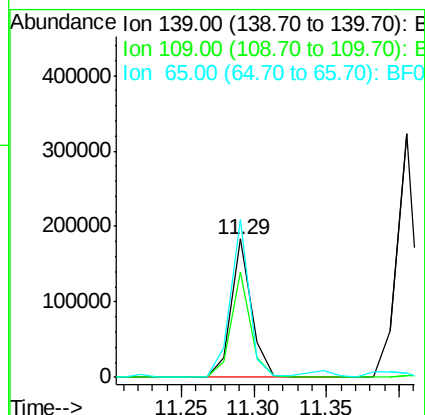
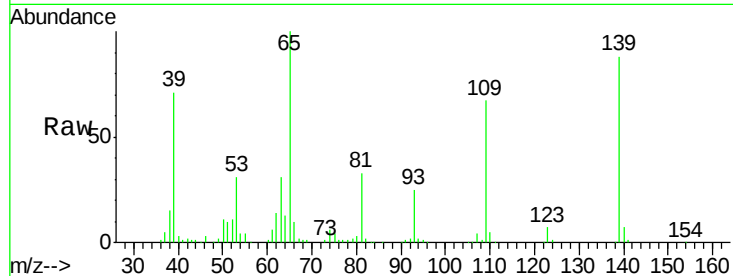




#55  
4-Nitrophenol  
Concen: 81.99 ng  
RT: 11.29 min Scan# 884  
Delta R.T. 0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

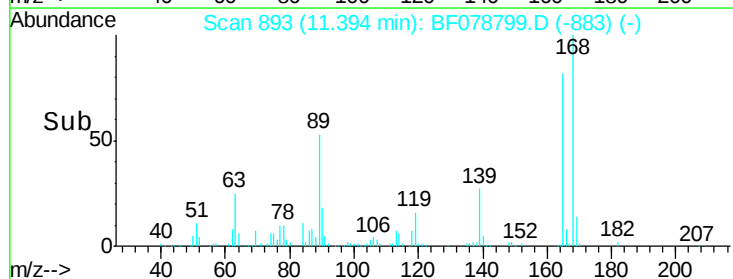
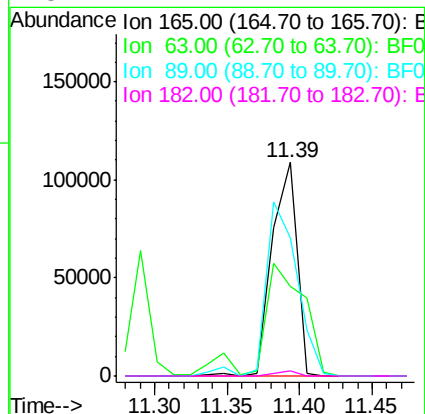
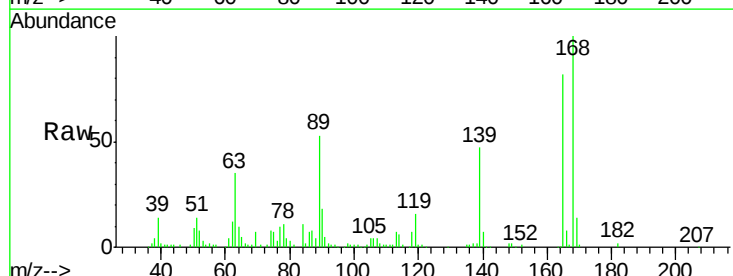
Instrument :  
BNA\_F  
ClientSampleId :  
PB82973BS

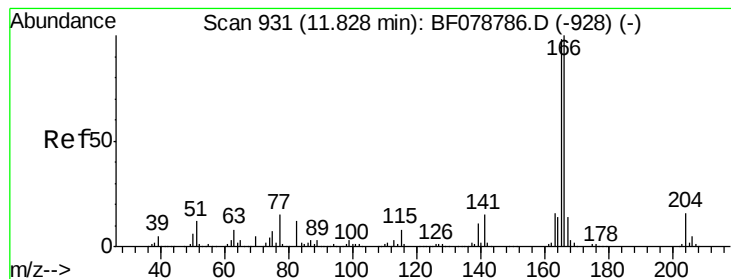
Tgt Ion:139 Resp: 178821  
Ion Ratio Lower Upper  
139 100  
109 75.9 47.6 87.6  
65 113.9 54.3 94.3#



#56  
2,4-Dinitrotoluene  
Concen: 50.11 ng  
RT: 11.39 min Scan# 893  
Delta R.T. 0.01 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

Tgt Ion:165 Resp: 129504  
Ion Ratio Lower Upper  
165 100  
63 42.1 51.2 76.8#  
89 64.5 82.7 124.1#  
182 2.4 1.4 2.2#





#57

Fluorene

Concen: 41.70 ng

RT: 11.83 min Scan# 931

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

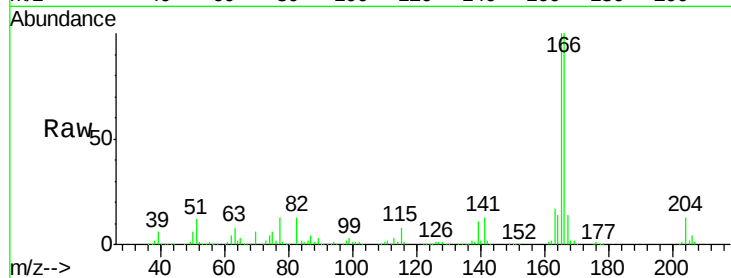
Tgt Ion:166 Resp: 538633

Ion Ratio Lower Upper

166 100

165 99.6 78.5 117.7

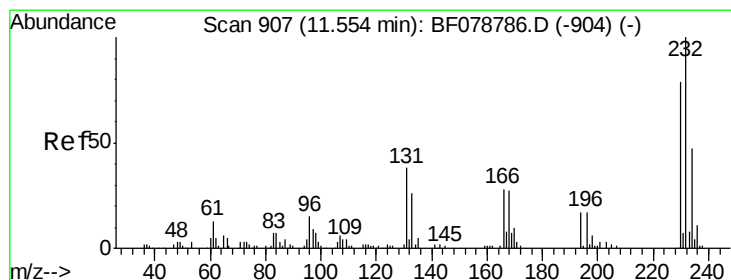
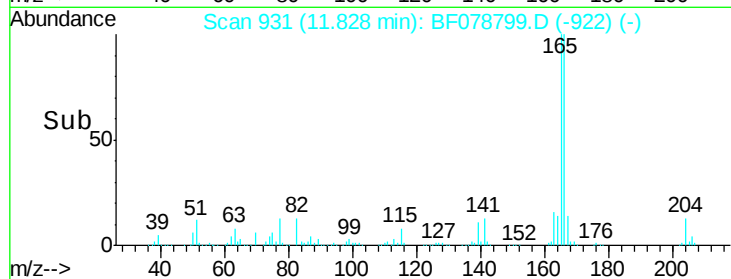
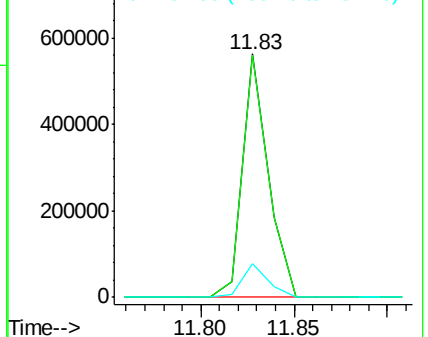
167 13.9 11.0 16.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.74 ng

RT: 11.55 min Scan# 907

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion:232 Resp: 117429

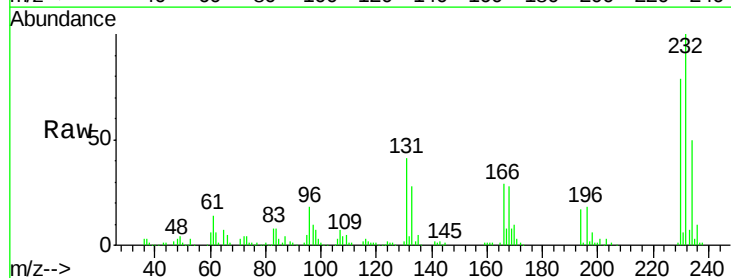
Ion Ratio Lower Upper

232 100

131 54.9 0.0 0.0#

130 2.7 0.0 0.0#

166 34.6 0.0 0.0#

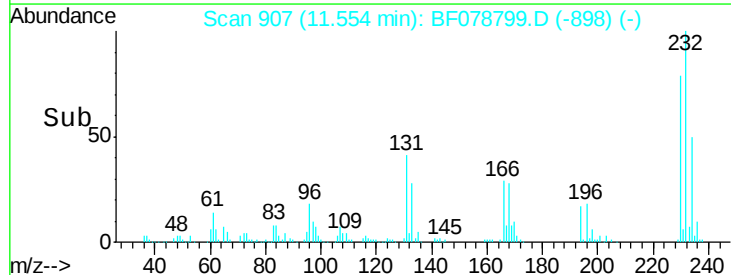
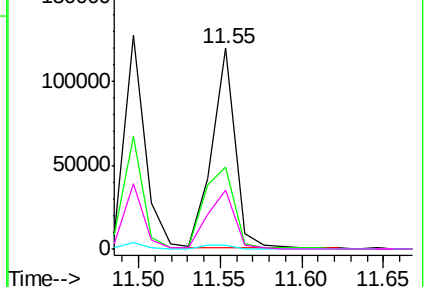


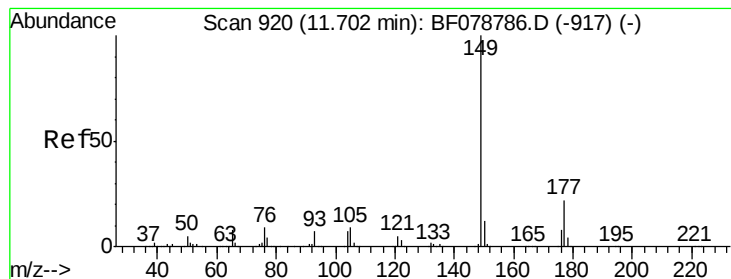
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.76 ng

RT: 11.70 min Scan# 920

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

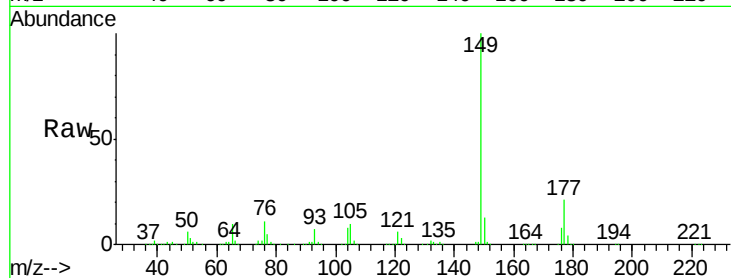
Tgt Ion:149 Resp: 565800

Ion Ratio Lower Upper

149 100

177 20.9 17.5 26.3

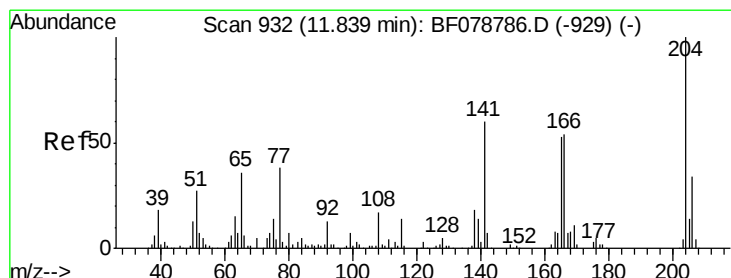
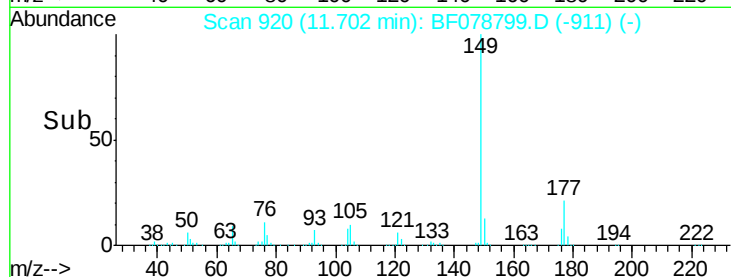
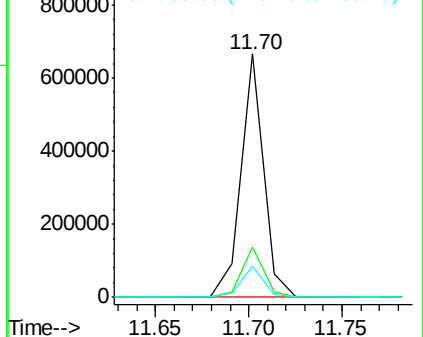
150 12.8 9.6 14.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.36 ng

RT: 11.84 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

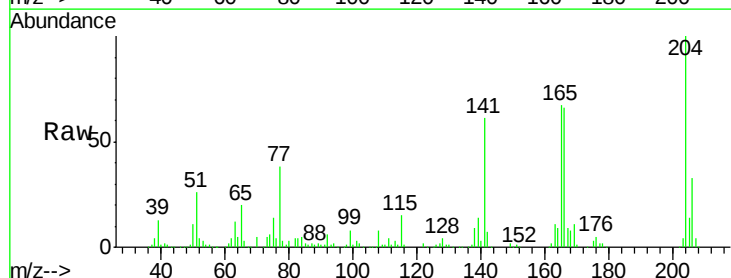
Tgt Ion:204 Resp: 254975

Ion Ratio Lower Upper

204 100

206 32.6 26.9 40.3

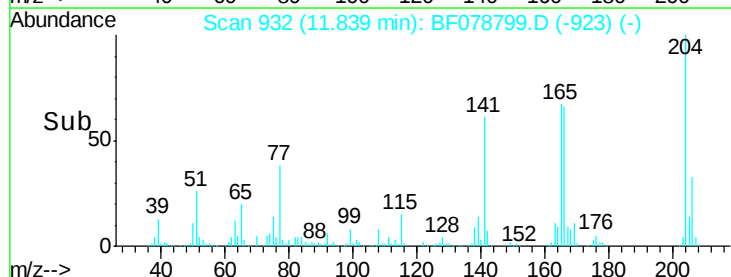
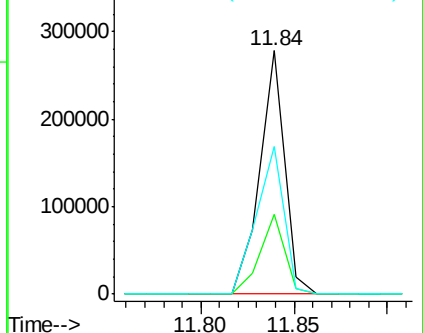
141 60.5 48.3 72.5

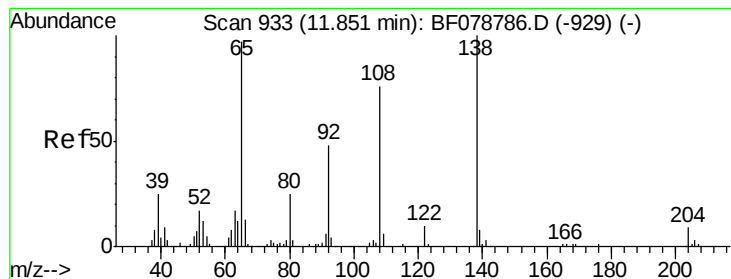


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 43.46 ng

RT: 11.85 min Scan# 933

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

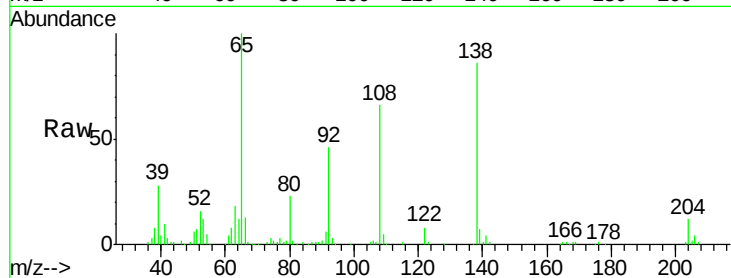
Tgt Ion:138 Resp: 121520

Ion Ratio Lower Upper

138 100

92 53.7 28.0 68.0

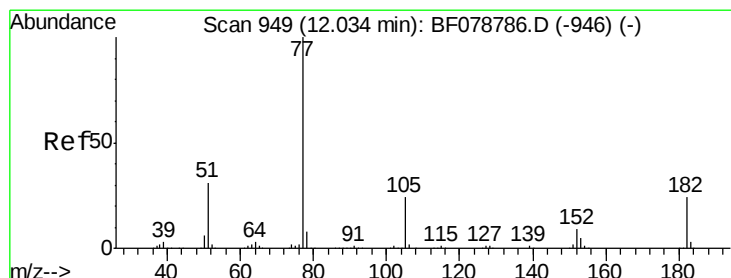
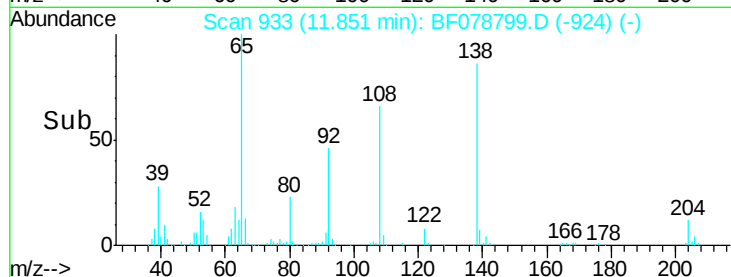
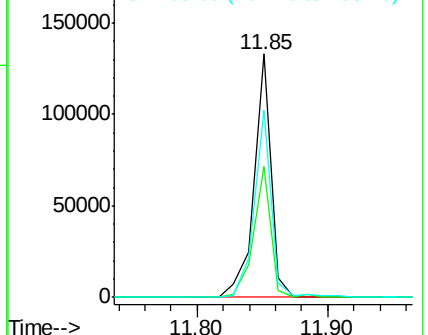
108 76.8 56.3 96.3



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.45 ng

RT: 12.03 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Tgt Ion: 77 Resp: 612369

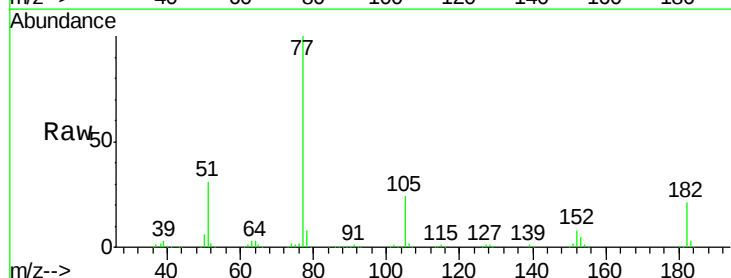
Ion Ratio Lower Upper

77 100

182 20.9 3.8 43.8

105 23.8 3.9 43.9

51 31.1 10.8 50.8

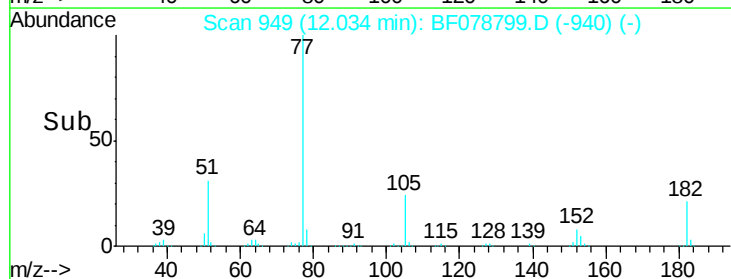
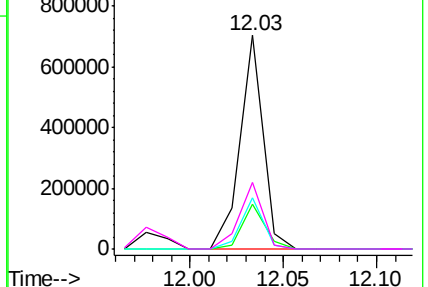


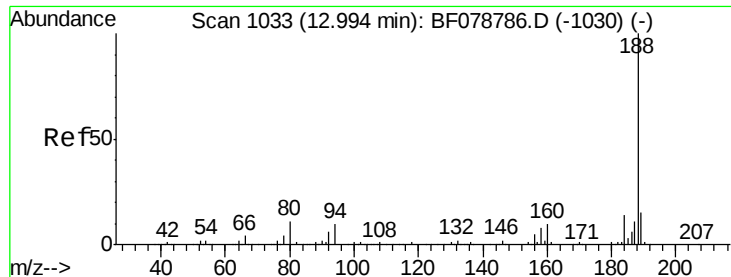
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

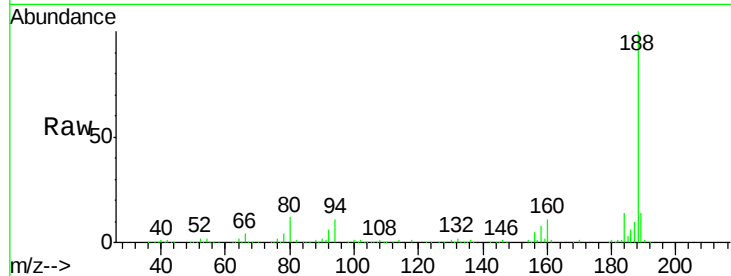




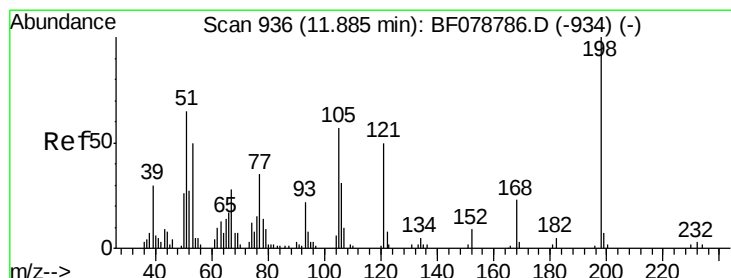
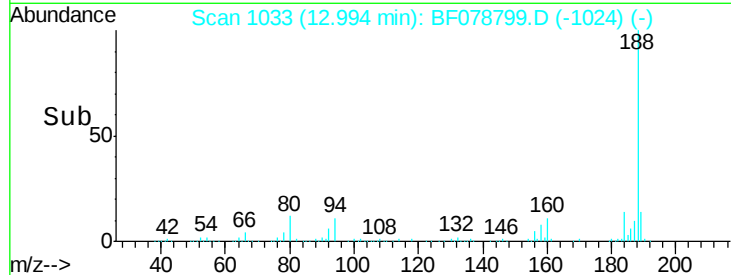
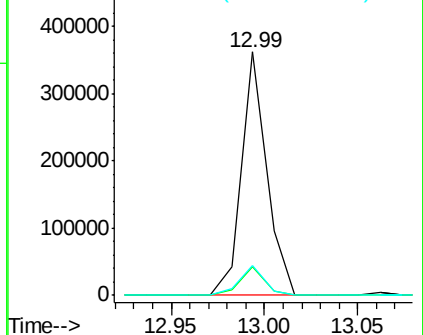
#63  
 Phenanthrene-d10  
 Concen: 20.00 ng  
 RT: 12.99 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Tgt Ion:188 Resp: 344809  
 Ion Ratio Lower Upper  
 188 100  
 94 11.5 8.2 12.2  
 80 12.1 8.9 13.3

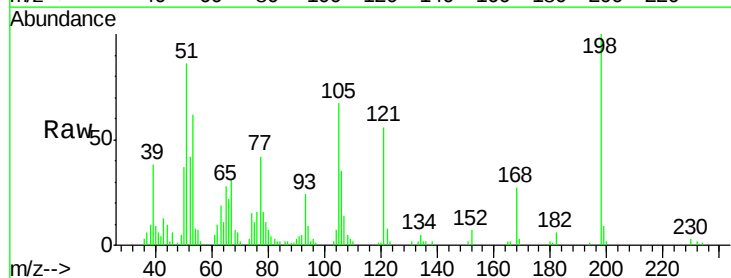


Abundance Ion 188.00 (187.70 to 188.70): E  
 Ion 94.00 (93.70 to 94.70): BF0  
 Ion 80.00 (79.70 to 80.70): BF0

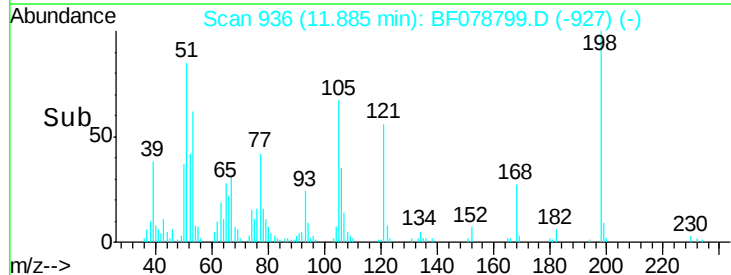
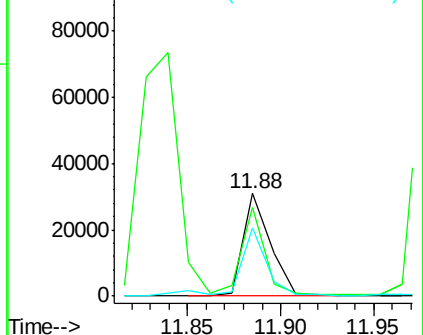


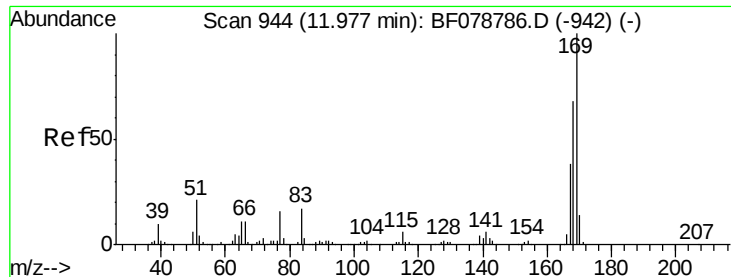
#64  
 4,6-Dinitro-2-methylphenol  
 Concen: 53.24 ng  
 RT: 11.88 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:198 Resp: 31439  
 Ion Ratio Lower Upper  
 198 100  
 51 86.1 47.3 87.3  
 105 66.9 38.8 78.8



Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 51.00 (50.70 to 51.70): BF0  
 Ion 105.00 (104.70 to 105.70): E

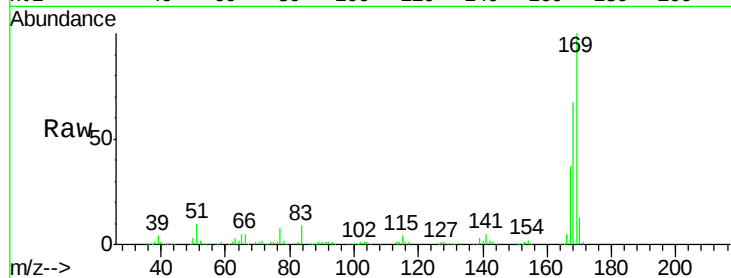




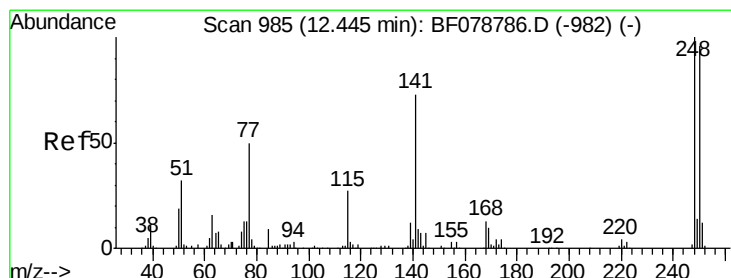
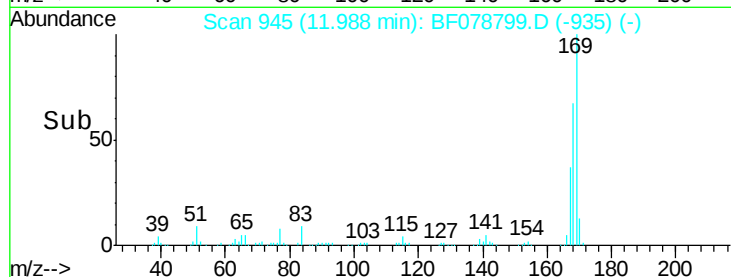
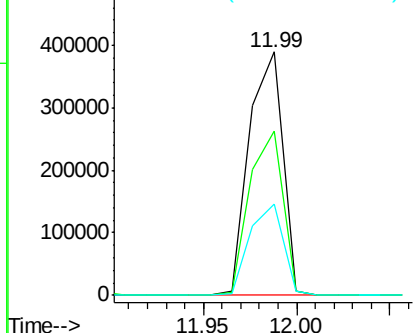
#65  
 n-Nitrosodiphenylamine  
 Concen: 43.37 ng  
 RT: 11.99 min Scan# 945  
 Delta R.T. 0.01 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Tgt Ion:169 Resp: 483488  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 54.6 82.0  
 167 37.3 30.6 45.8

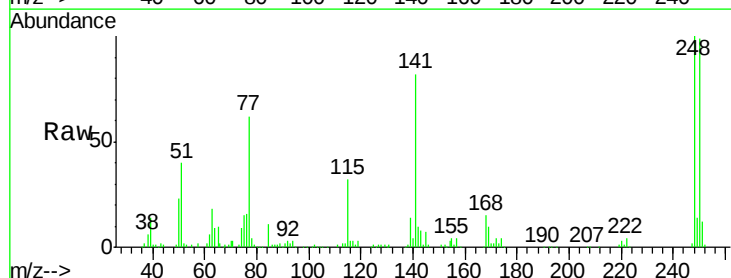


Abundance Ion 169.00 (168.70 to 169.70): E  
 Ion 168.00 (167.70 to 168.70): E  
 Ion 167.00 (166.70 to 167.70): E

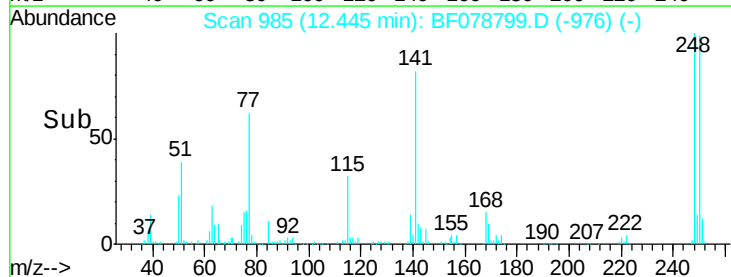
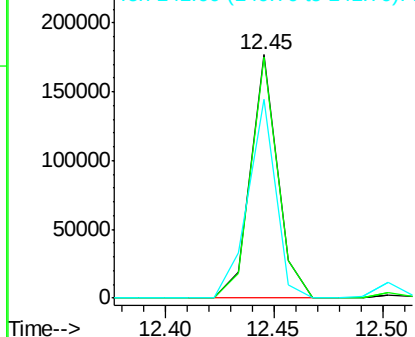


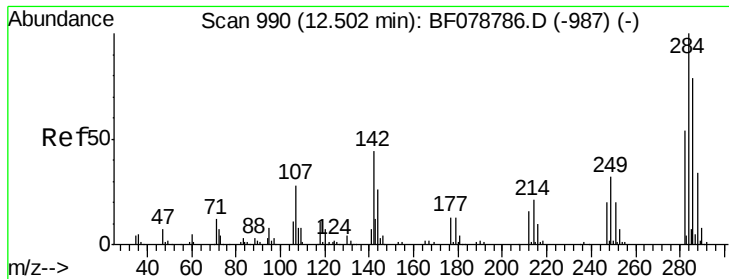
#66  
 4-Bromophenyl-phenylether  
 Concen: 43.85 ng  
 RT: 12.45 min Scan# 985  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:248 Resp: 152623  
 Ion Ratio Lower Upper  
 248 100  
 250 99.0 77.1 115.7  
 141 81.7 58.8 88.2



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

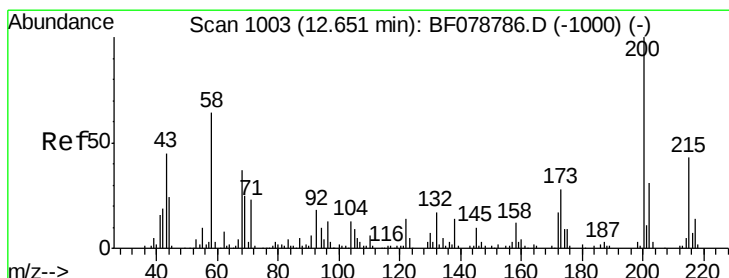
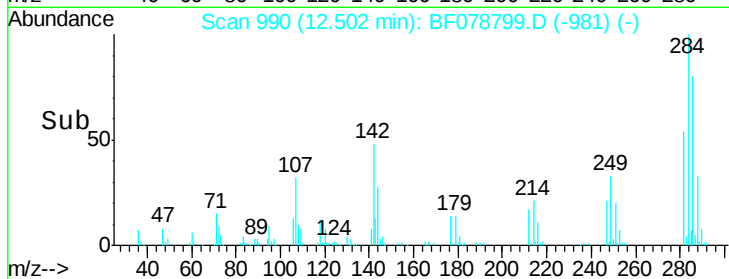
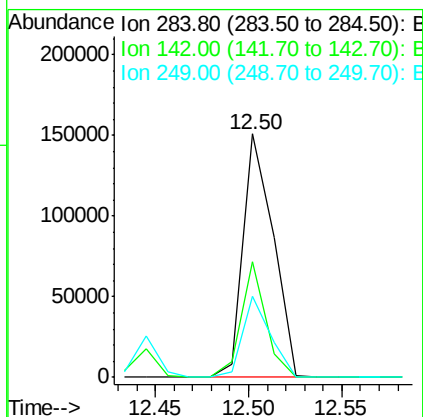
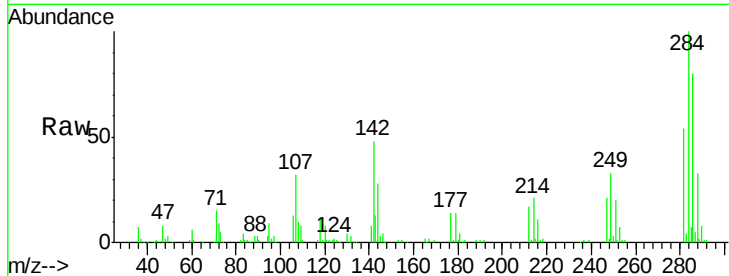




#67  
Hexachlorobenzene  
Concen: 42.90 ng  
RT: 12.50 min Scan# 990  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

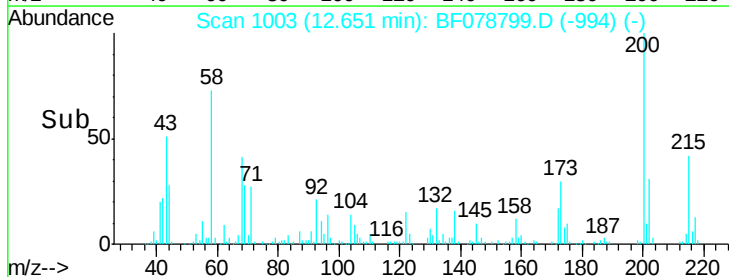
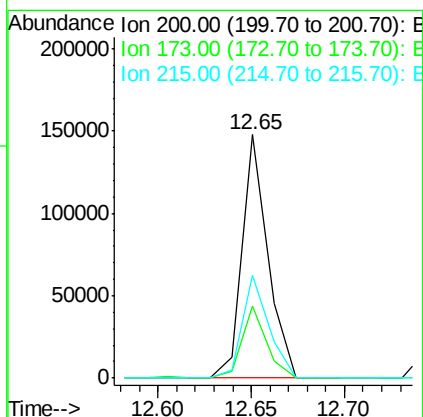
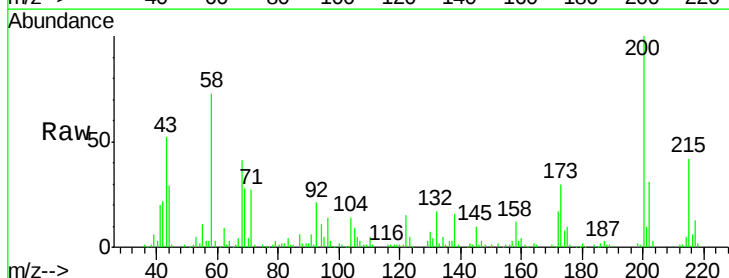
Instrument :  
BNA\_F  
ClientSampleId :  
PB82973BS

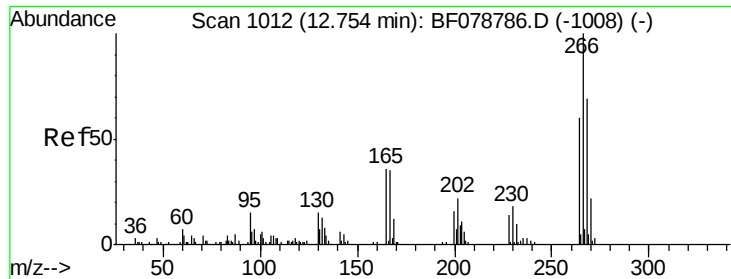
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 47.7  | 35.2  | 52.8  |
| 249     | 33.1  | 25.4  | 38.2  |



#68  
Atrazine  
Concen: 47.39 ng  
RT: 12.65 min Scan# 1003  
Delta R.T. -0.00 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.7  | 8.1   | 48.1  |
| 215     | 42.3  | 22.9  | 62.9  |

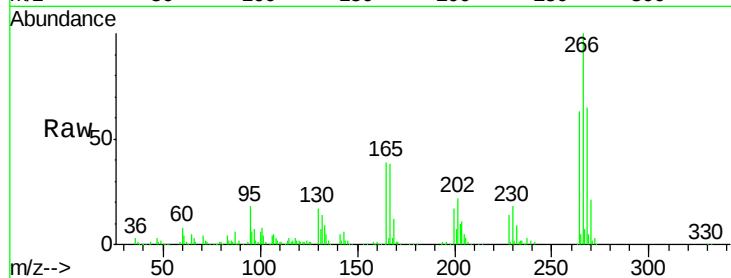




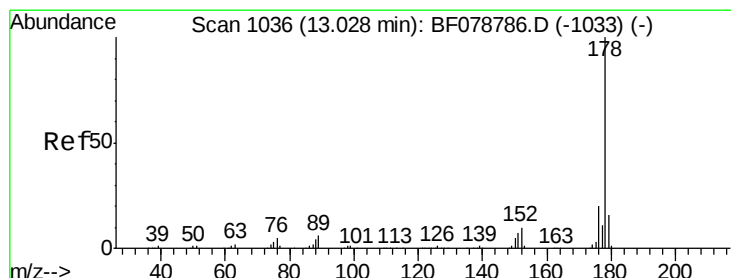
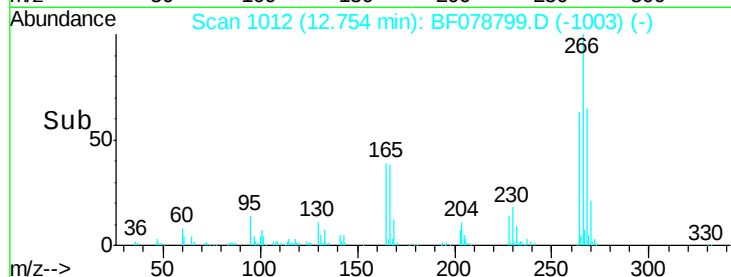
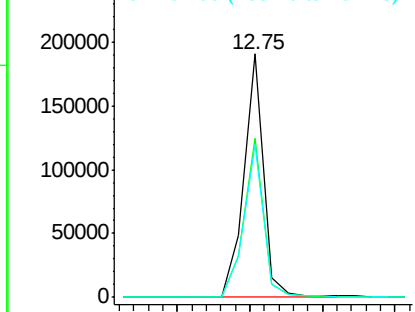
#69  
 Pentachlorophenol  
 Concen: 85.73 ng  
 RT: 12.75 min Scan# 1012  
 Delta R.T. 0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

Tgt Ion:266 Resp: 180922  
 Ion Ratio Lower Upper  
 266 100  
 268 65.5 55.0 82.6  
 264 62.8 48.2 72.2

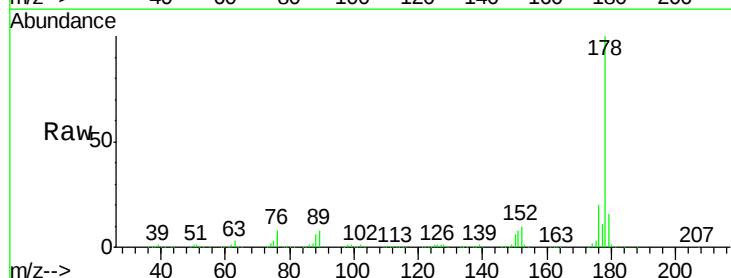


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

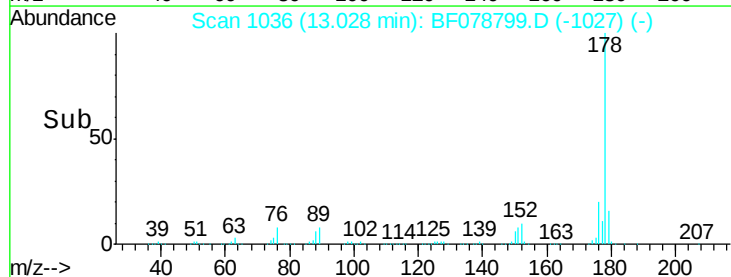
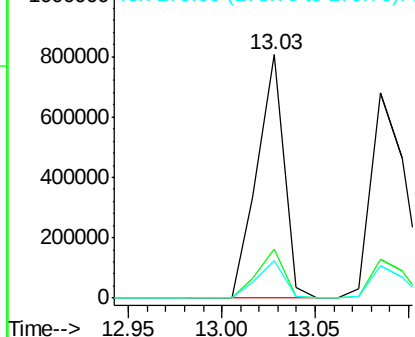


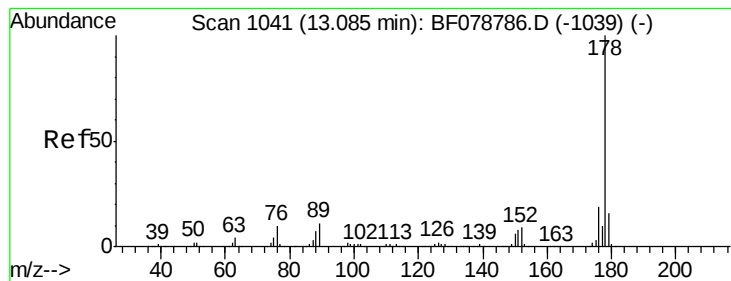
#70  
 Phenanthrene  
 Concen: 43.40 ng  
 RT: 13.03 min Scan# 1036  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:178 Resp: 810183  
 Ion Ratio Lower Upper  
 178 100  
 176 20.2 15.8 23.8  
 179 15.6 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





#71

Anthracene

Concen: 44.32 ng

RT: 13.09 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

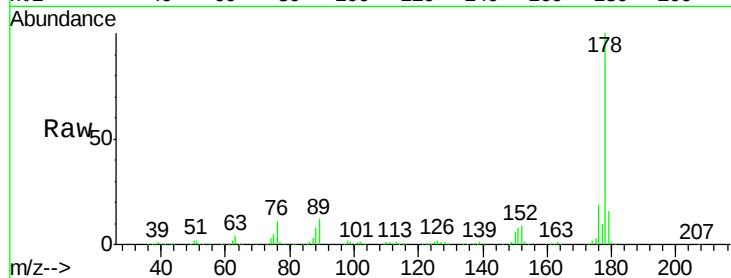
Tgt Ion:178 Resp: 808943

Ion Ratio Lower Upper

178 100

176 19.1 15.5 23.3

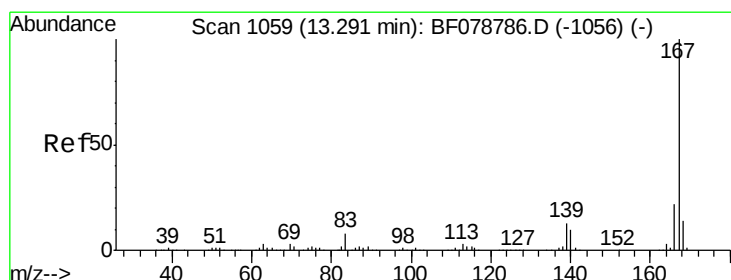
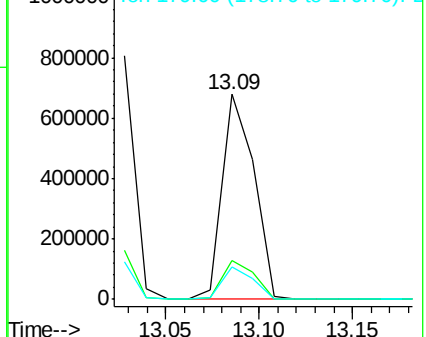
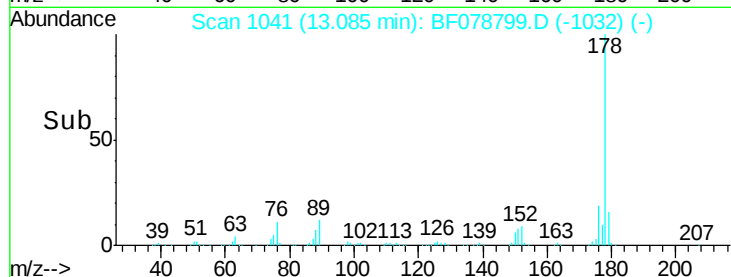
179 16.0 12.7 19.1



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: 46.39 ng

RT: 13.29 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

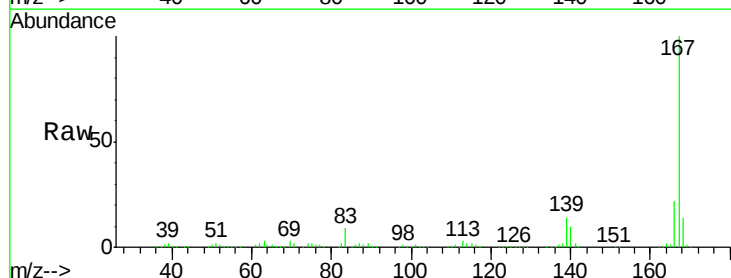
Tgt Ion:167 Resp: 799602

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.8

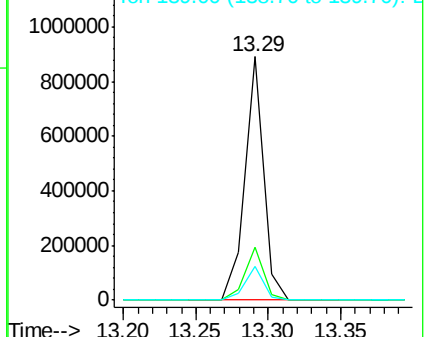
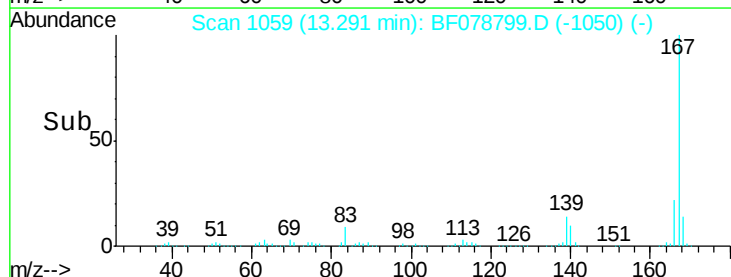
139 13.8 10.6 16.0

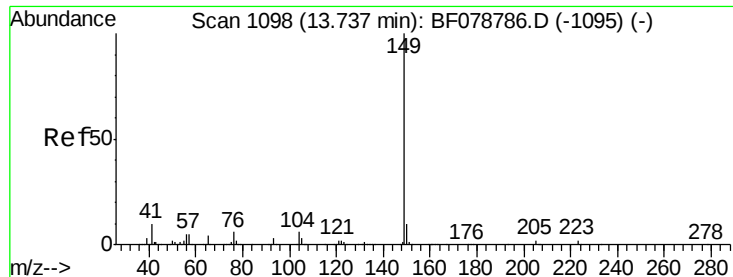


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.44 ng

RT: 13.74 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

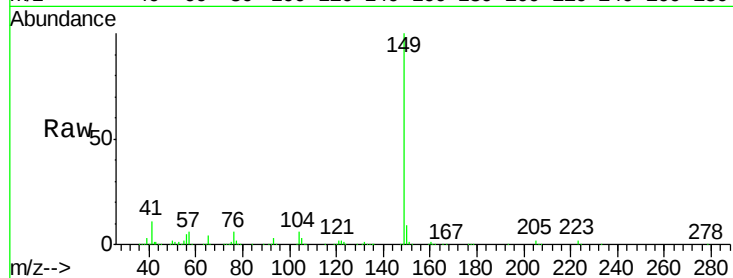
Tgt Ion:149 Resp: 870491

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

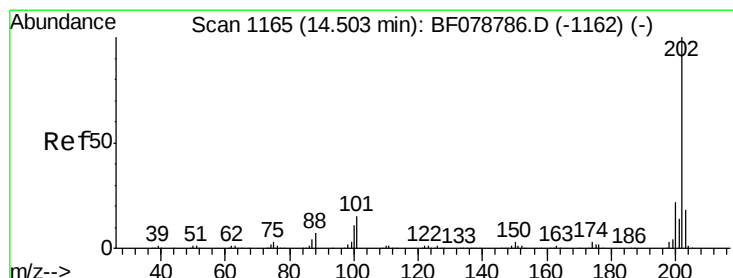
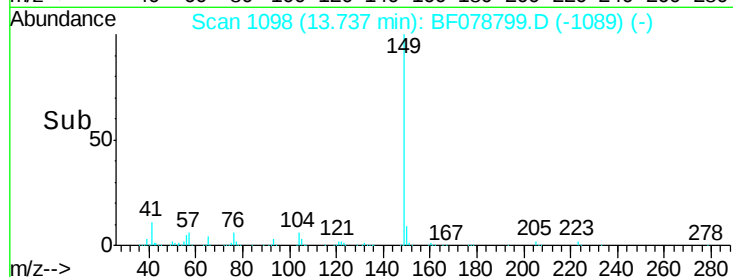
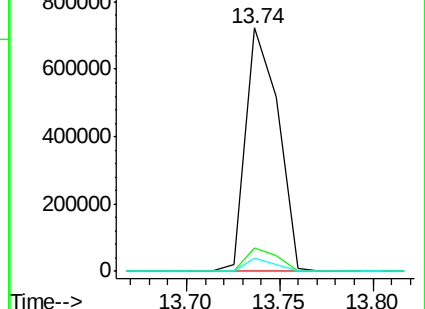
104 5.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.84 ng

RT: 14.50 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

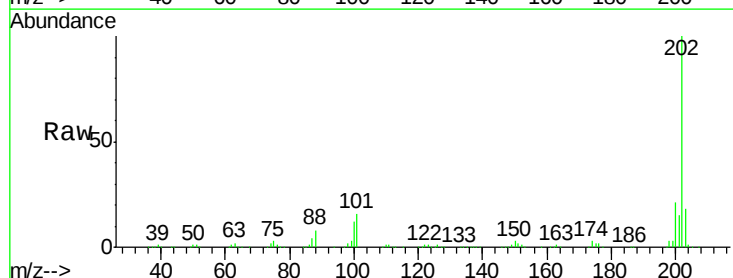
Tgt Ion:202 Resp: 834826

Ion Ratio Lower Upper

202 100

101 16.0 0.0 34.6

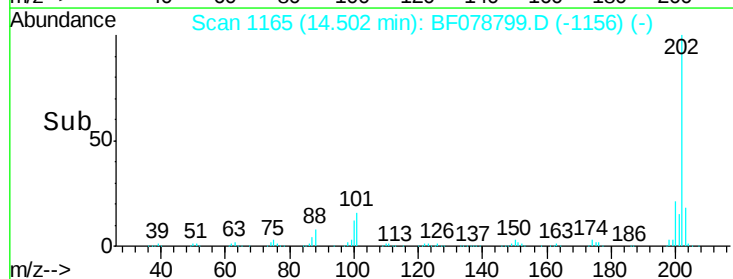
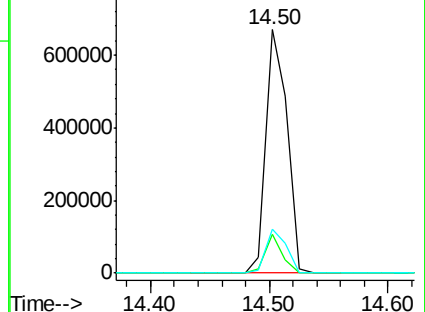
203 18.1 0.0 38.4

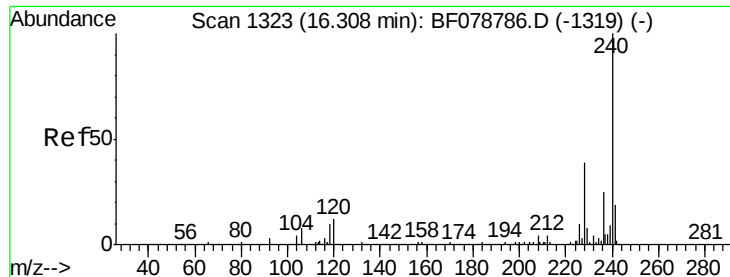


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

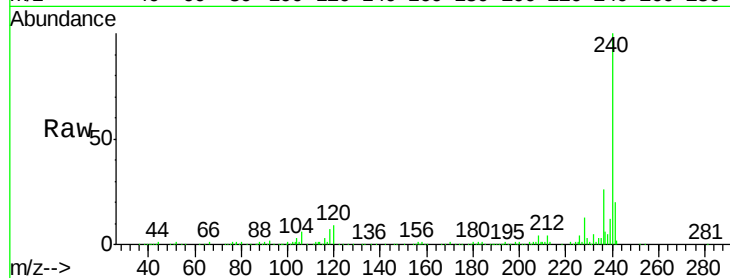
Tgt Ion:240 Resp: 338083

Ion Ratio Lower Upper

240 100

120 8.5 9.7 14.5#

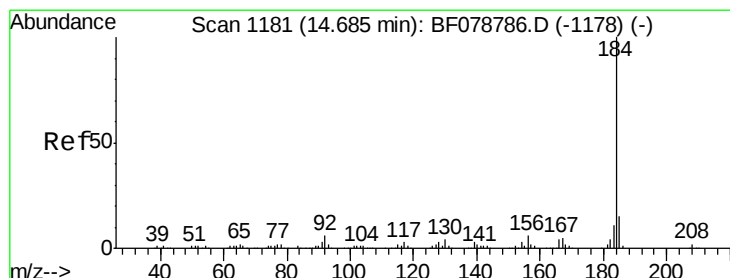
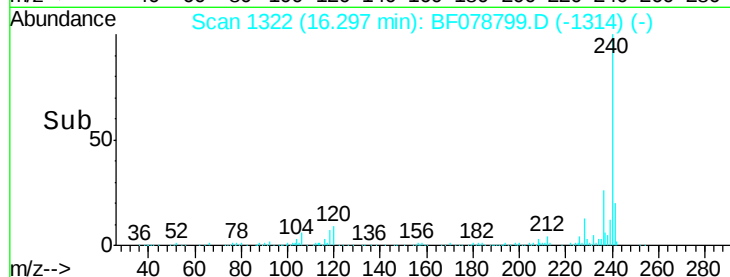
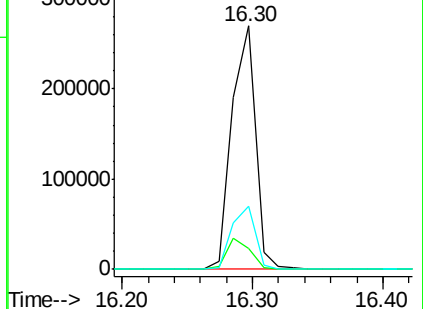
236 25.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 28.83 ng

RT: 14.69 min Scan# 1181

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

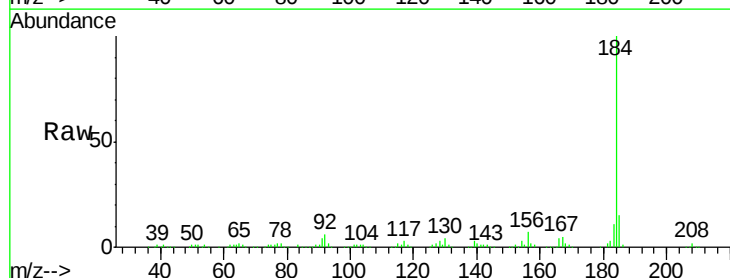
Tgt Ion:184 Resp: 282312

Ion Ratio Lower Upper

184 100

185 14.8 12.3 18.5

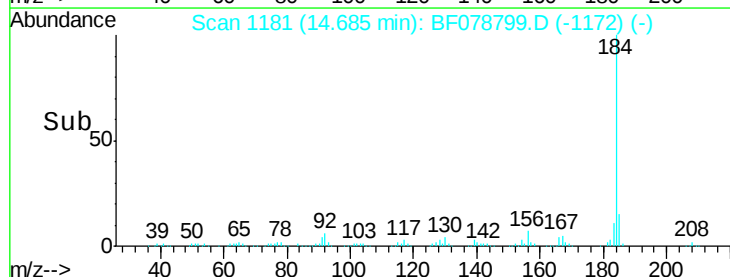
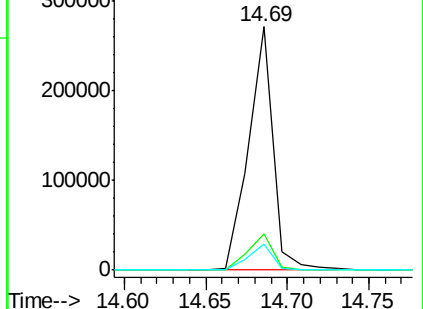
183 10.8 8.4 12.6

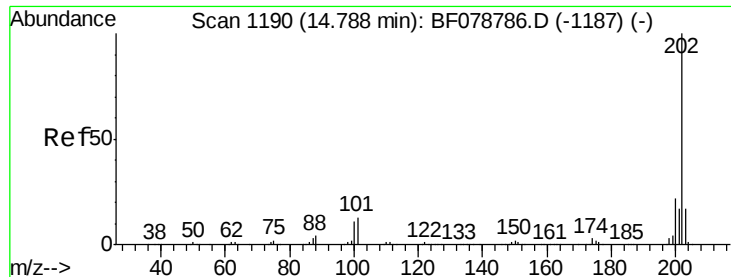


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

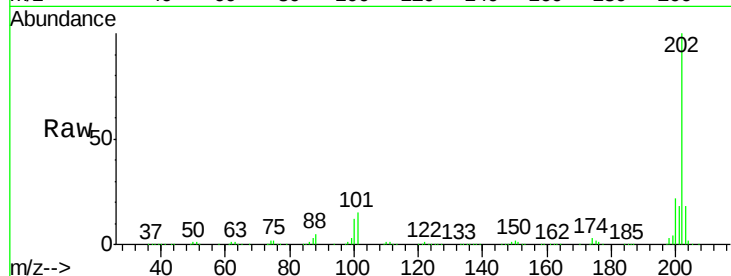




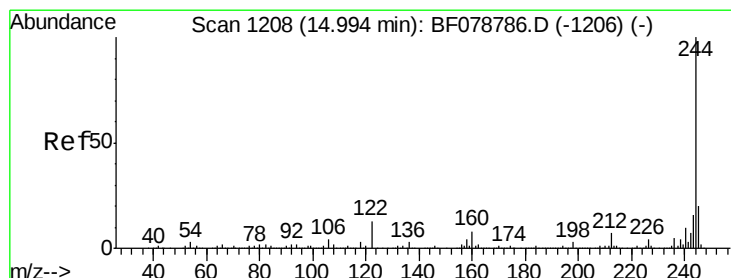
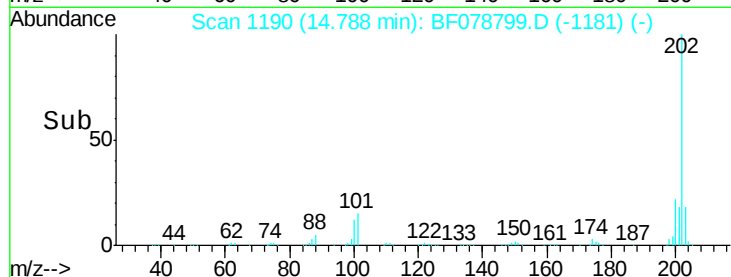
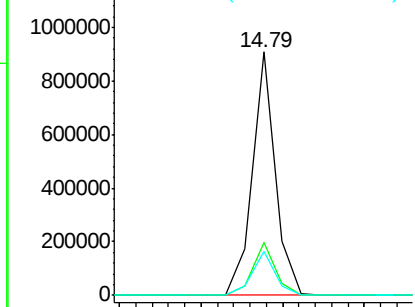
#77  
 Pyrene  
 Concen: 44.88 ng  
 RT: 14.79 min Scan# 1190  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 21.8  | 17.5  | 26.3  |
| 203     | 18.3  | 13.9  | 20.9  |

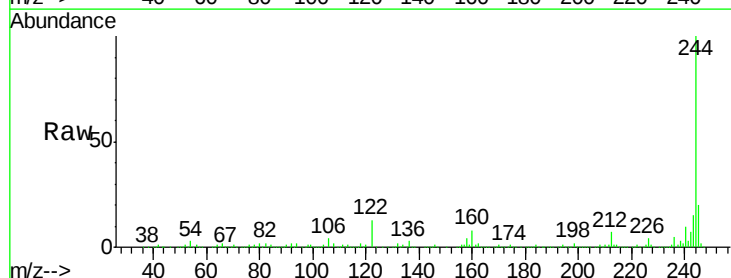


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 200.00 (199.70 to 200.70): E  
 Ion 203.00 (202.70 to 203.70): E

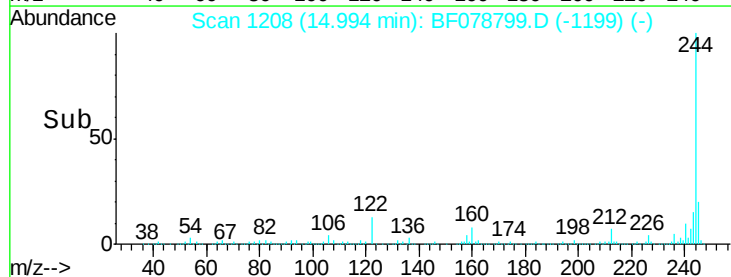
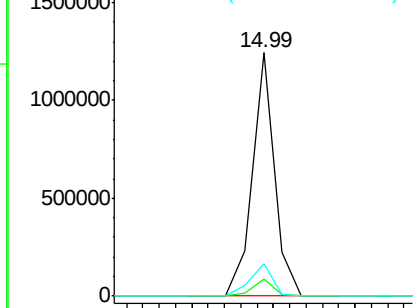


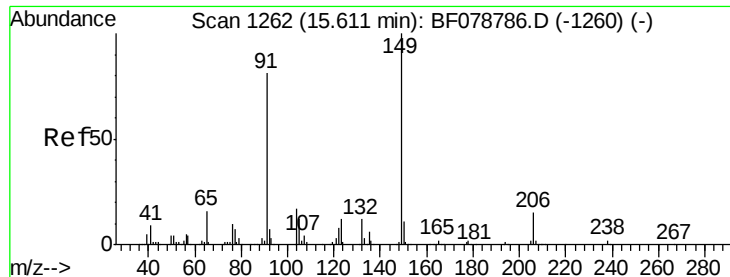
#78  
 Terphenyl-d14  
 Concen: 82.46 ng  
 RT: 14.99 min Scan# 1208  
 Delta R.T. -0.00 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 7.1   | 5.6   | 8.4   |
| 122     | 13.1  | 10.3  | 15.5  |



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





#79

Butylbenzylphthalate

Concen: 44.67 ng

RT: 15.61 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampled :

PB82973BS

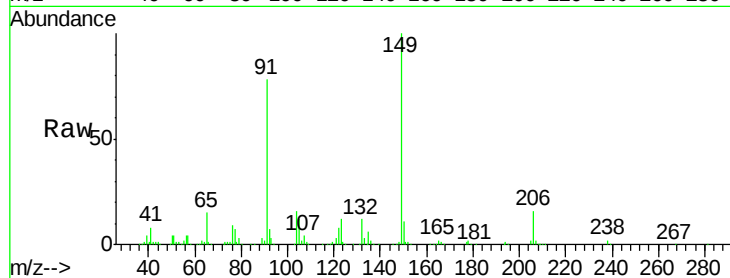
Tgt Ion:149 Resp: 363952

Ion Ratio Lower Upper

149 100

91 77.8 64.6 97.0

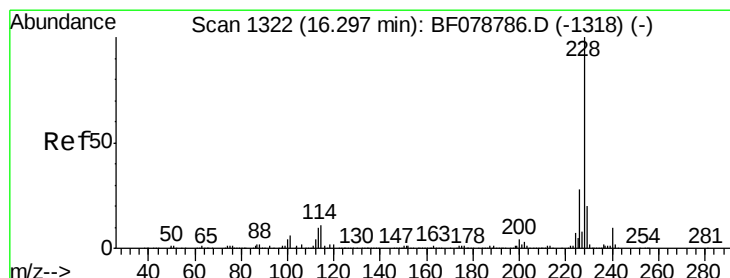
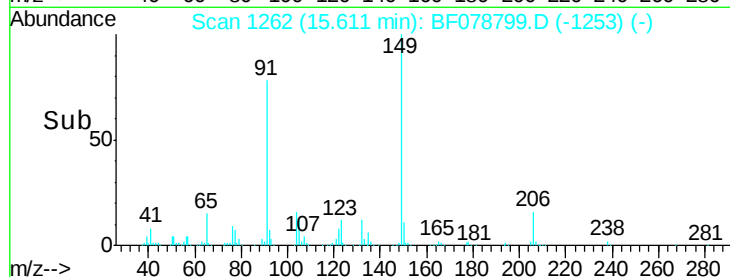
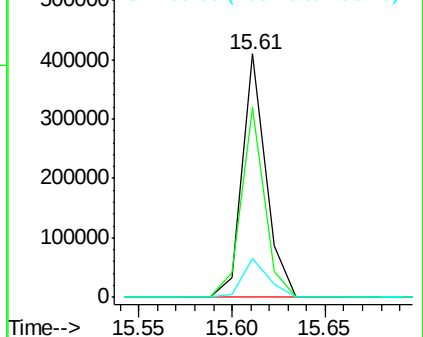
206 16.1 12.2 18.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.46 ng

RT: 16.29 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

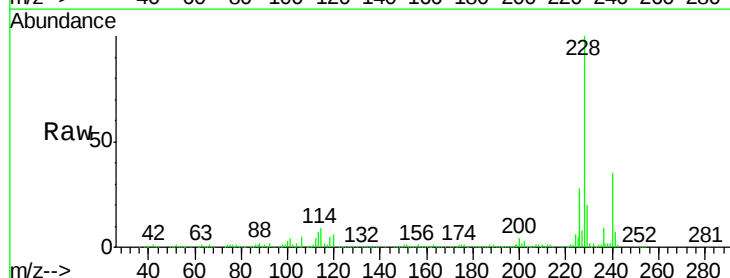
Tgt Ion:228 Resp: 806463

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

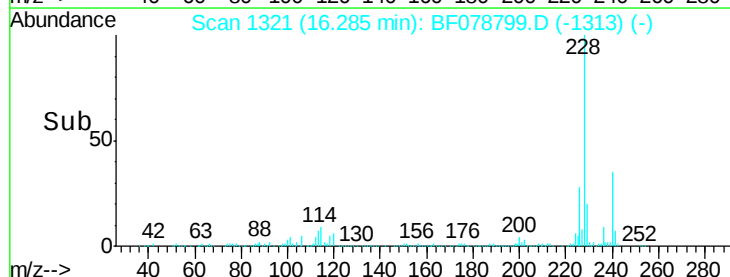
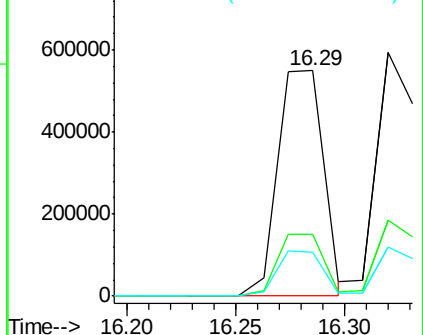
229 19.6 15.9 23.9

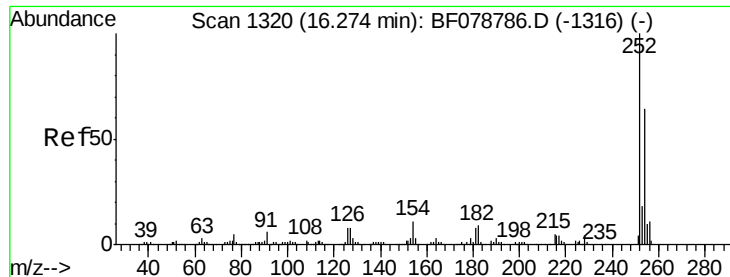


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

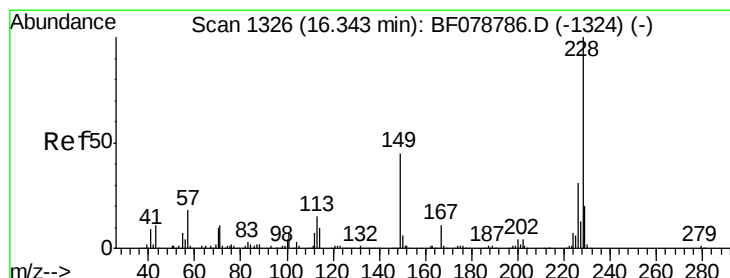
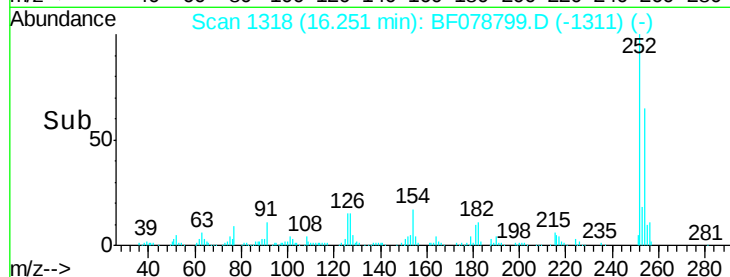
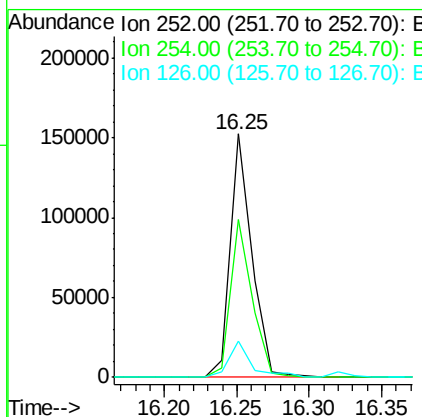
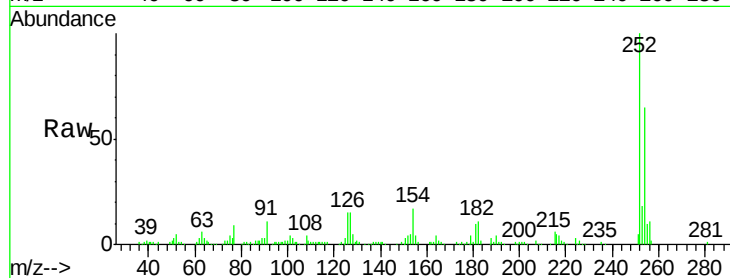




#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.87 ng  
 RT: 16.25 min Scan# 1318  
 Delta R.T. -0.02 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

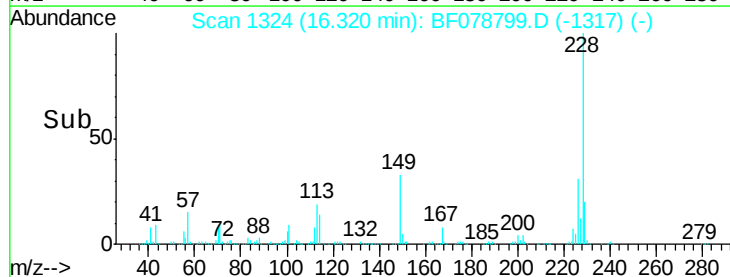
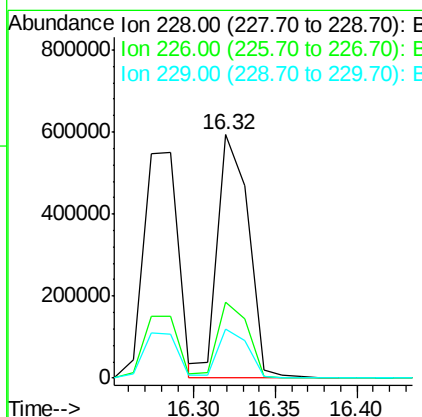
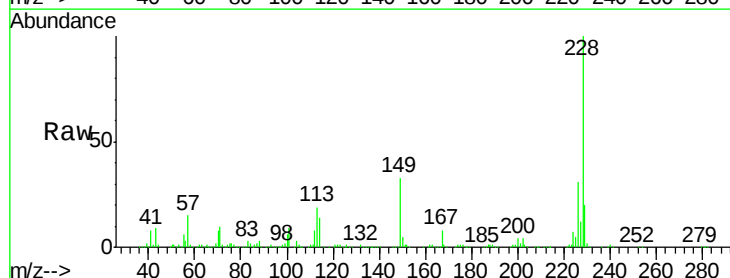
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

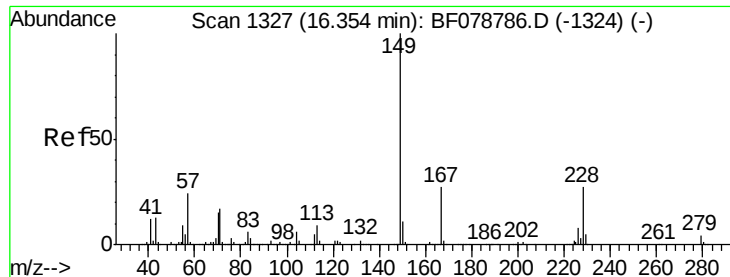
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.6  | 51.3  | 76.9  |
| 126     | 14.9  | 6.6   | 10.0  |



#82  
 Chrysene  
 Concen: 43.64 ng  
 RT: 16.32 min Scan# 1324  
 Delta R.T. -0.02 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 31.1  | 24.9  | 37.3  |
| 229     | 20.1  | 16.0  | 24.0  |

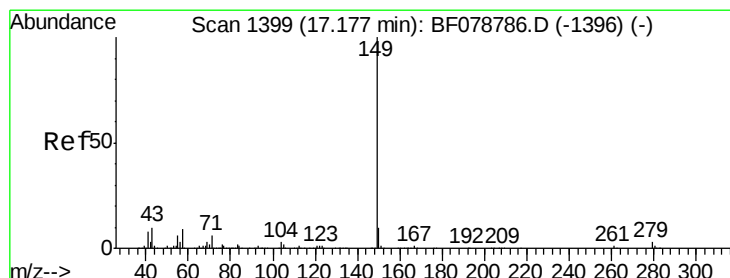
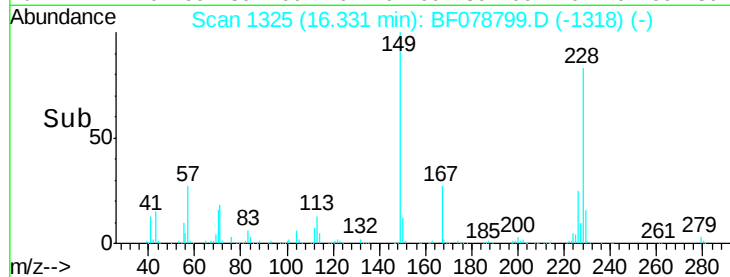
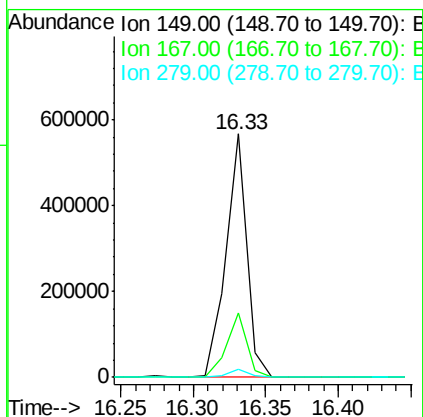
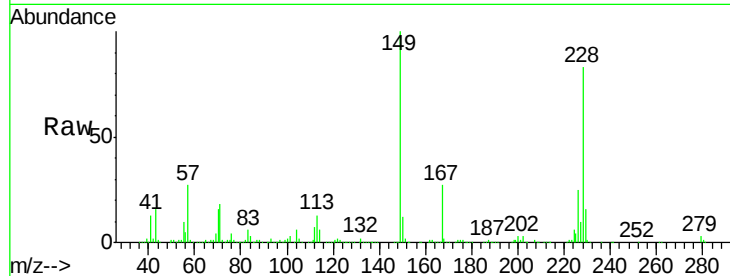




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 44.62 ng  
 RT: 16.33 min Scan# 1325  
 Delta R.T. -0.02 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

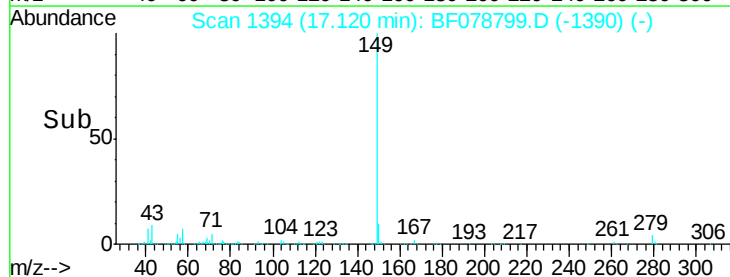
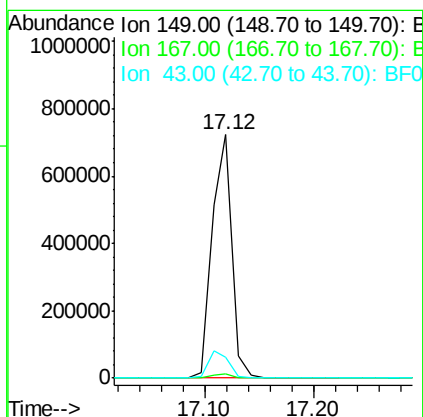
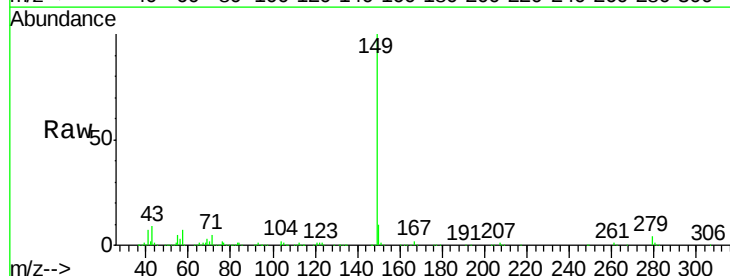
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

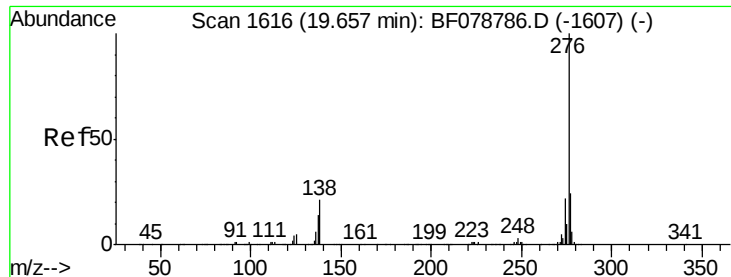
Tgt Ion:149 Resp: 565961  
 Ion Ratio Lower Upper  
 149 100  
 167 26.7 21.8 32.8  
 279 3.2 2.9 4.3



#84  
 Di-n-octyl phthalate  
 Concen: 46.08 ng  
 RT: 17.12 min Scan# 1394  
 Delta R.T. -0.06 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion:149 Resp: 912228  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 0.0 0.0#  
 43 11.6 0.0 0.0#

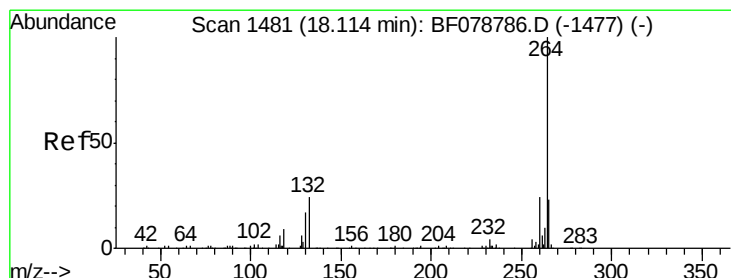
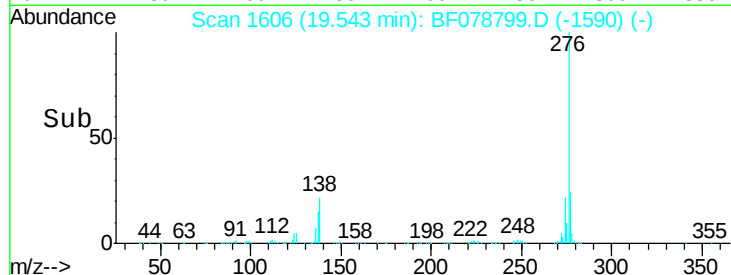
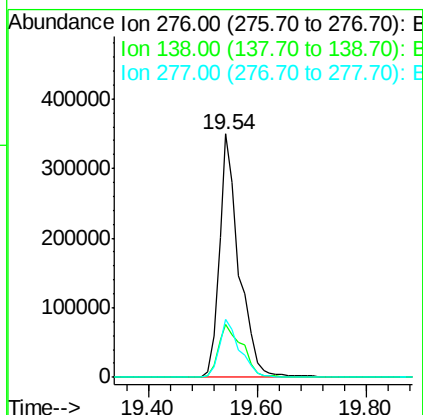
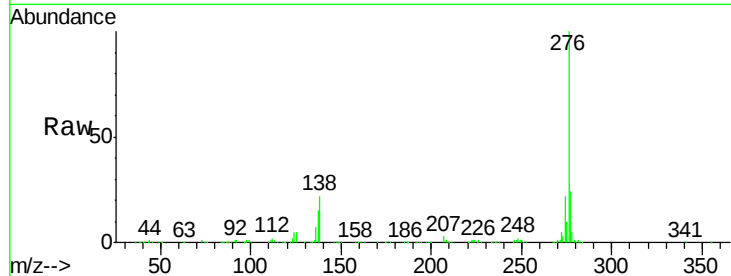




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.90 ng  
 RT: 19.54 min Scan# 1606  
 Delta R.T. -0.11 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

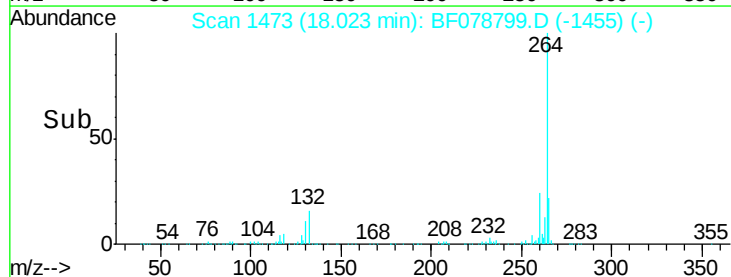
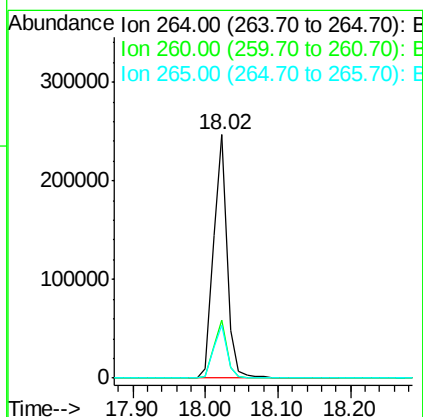
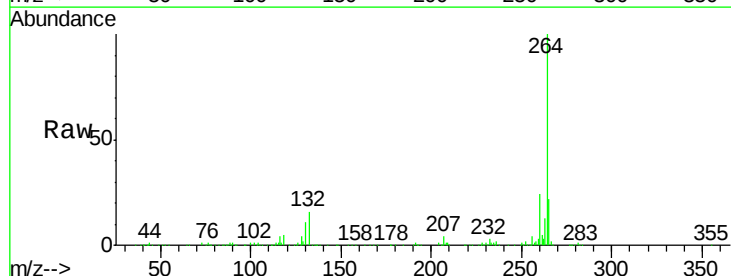
Instrument :  
 BNA\_F  
 ClientSampleId :  
 PB82973BS

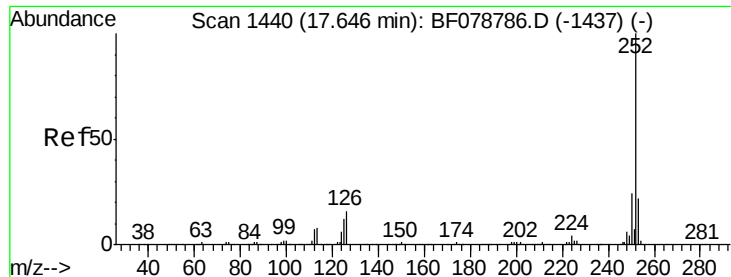
Tgt Ion: 276 Resp: 880625  
 Ion Ratio Lower Upper  
 276 100  
 138 26.9 0.0 0.0#  
 277 25.1 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 18.02 min Scan# 1473  
 Delta R.T. -0.09 min  
 Lab File: BF078799.D  
 Acq: 29 Apr 2015 3:07

Tgt Ion: 264 Resp: 319744  
 Ion Ratio Lower Upper  
 264 100  
 260 23.6 19.4 29.2  
 265 21.6 18.3 27.5

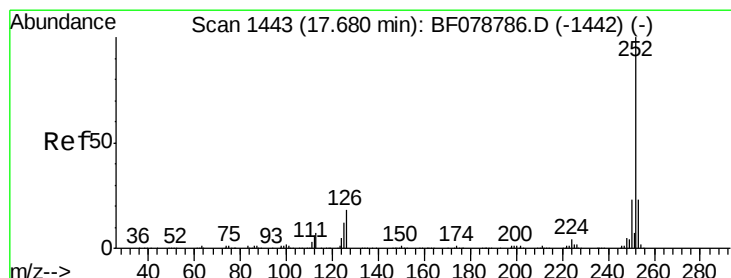
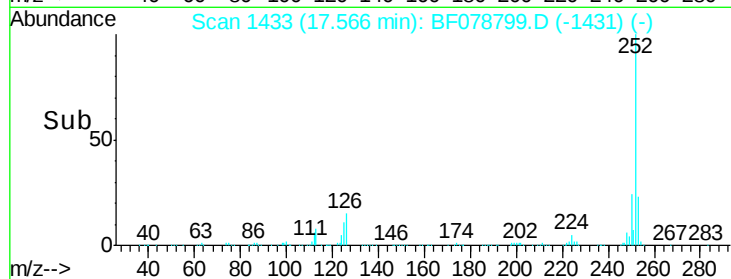
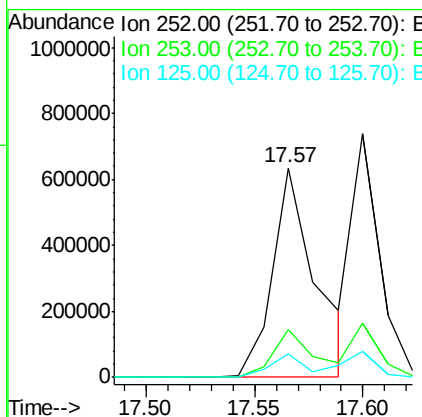
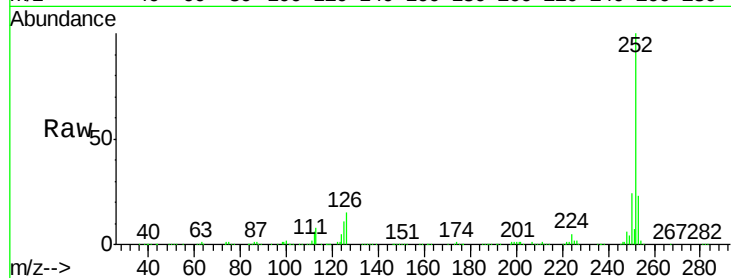




#87  
Benzo(b)fluoranthene  
Concen: 50.93 ng  
RT: 17.57 min Scan# 1433  
Delta R.T. -0.08 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

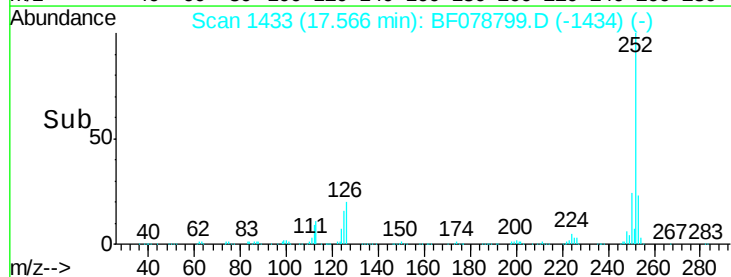
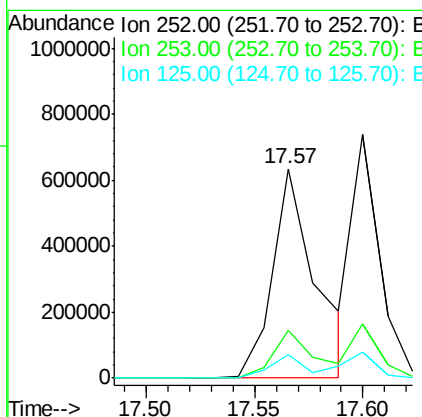
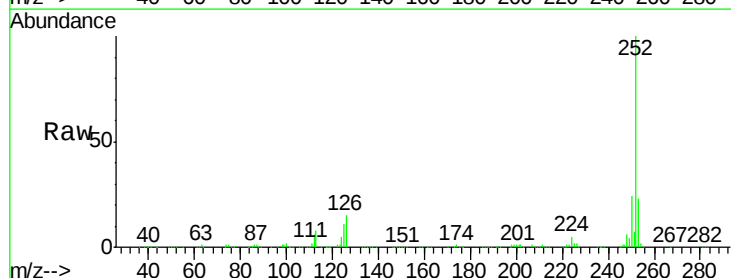
Instrument :  
BNA\_F  
ClientSampleId :  
PB82973BS

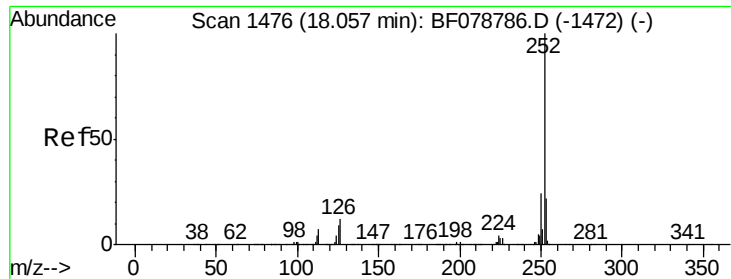
Tgt Ion: 252 Resp: 881411  
Ion Ratio Lower Upper  
252 100  
253 22.6 17.7 26.5  
125 11.4 9.5 14.3



#88  
Benzo(k)fluoranthene  
Concen: 52.55 ng  
RT: 17.57 min Scan# 1433  
Delta R.T. -0.11 min  
Lab File: BF078799.D  
Acq: 29 Apr 2015 3:07

Tgt Ion: 252 Resp: 881411  
Ion Ratio Lower Upper  
252 100  
253 22.6 18.1 27.1  
125 11.4 10.0 15.0





#89

Benzo(a)pyrene

Concen: 48.47 ng

RT: 17.95 min Scan# 1467

Delta R.T. -0.10 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

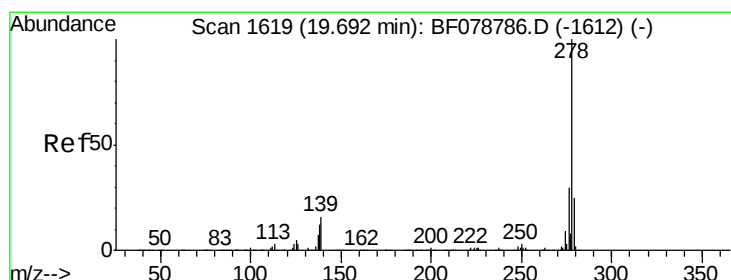
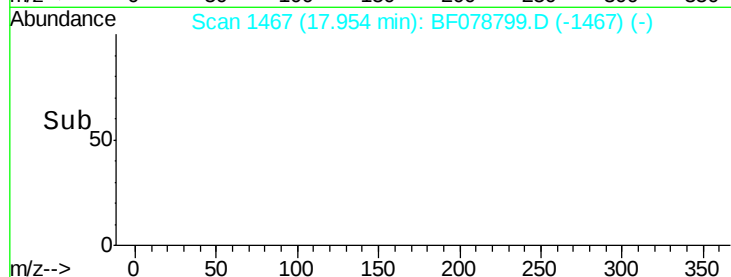
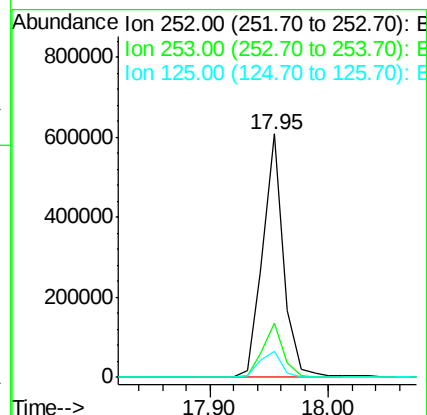
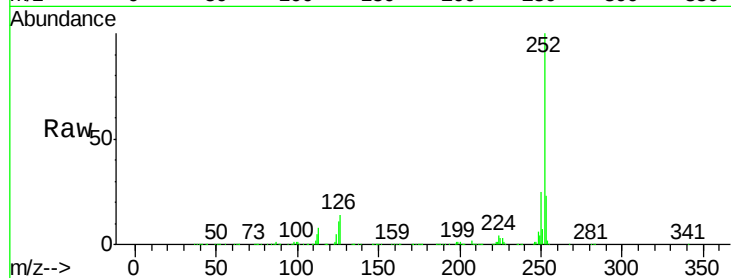
Instrument :

BNA\_F

ClientSampleId :

PB82973BS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 252   | Resp: | 750664 |
| Ion      | Ratio | Lower | Upper  |
| 252      | 100   |       |        |
| 253      | 22.5  | 17.3  | 25.9   |
| 125      | 10.8  | 7.0   | 10.6#  |



#90

Dibenzo(a,h)anthracene

Concen: 44.49 ng

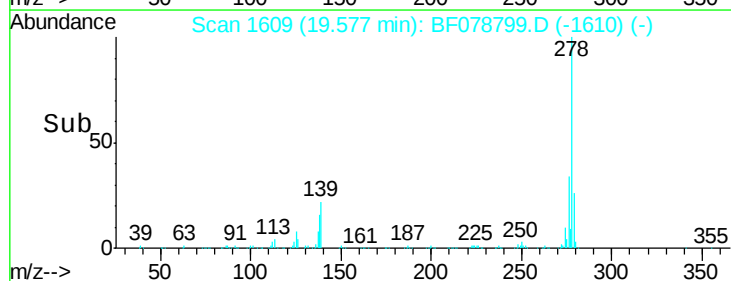
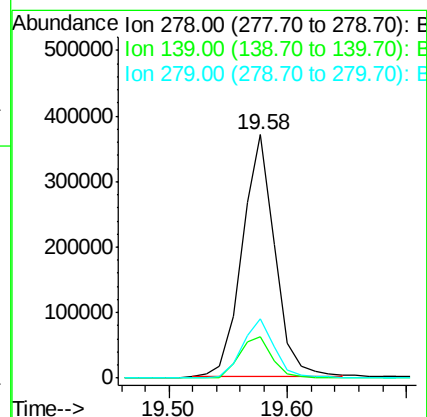
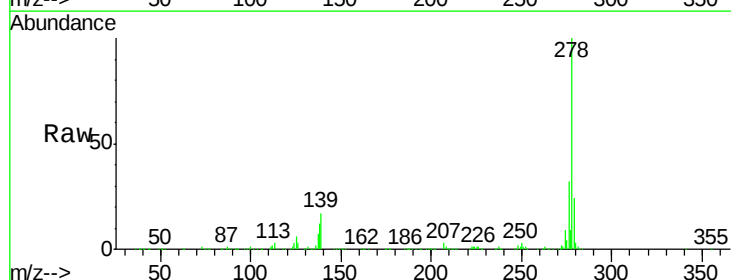
RT: 19.58 min Scan# 1609

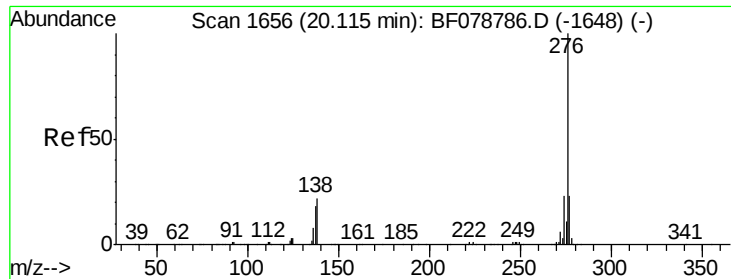
Delta R.T. -0.11 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 278   | Resp: | 713616 |
| Ion      | Ratio | Lower | Upper  |
| 278      | 100   |       |        |
| 139      | 16.9  | 12.8  | 19.2   |
| 279      | 24.2  | 19.6  | 29.4   |





#91

Benzo(g,h,i)perylene

Concen: 45.69 ng

RT: 20.00 min Scan# 1646

Delta R.T. -0.11 min

Lab File: BF078799.D

Acq: 29 Apr 2015 3:07

Instrument :

BNA\_F

ClientSampleId :

PB82973BS

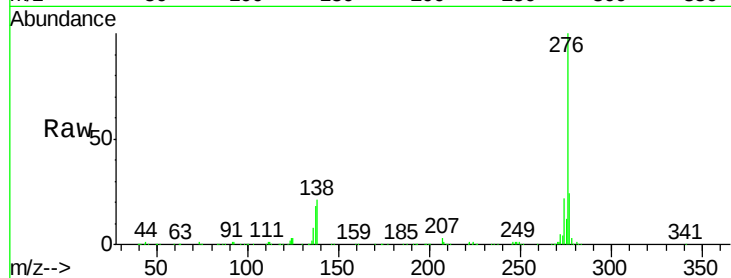
Tgt Ion: 276 Resp: 735532

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 21.2 17.4 26.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

