

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG010915\  
 Data File : BG015875.D  
 Acq On : 9 Jan 2015 18:21  
 Operator : TP/IZ  
 Sample : G1055-01MS  
 Misc : S  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

Quant Time: Jan 10 02:24:58 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG010515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Jan 06 08:46:19 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.73  | 152  | 31757    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.52 | 136  | 122071   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.37 | 164  | 88228    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.12 | 188  | 213679   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.30 | 240  | 293002   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.57 | 264  | 229979   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |       |    |      |
|--------------------------|-------|-----|--------|-------|----|------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 229749 | 62.22 | ng | 0.00 |
| 7) Phenol-d6             | 6.92  | 99  | 321307 | 62.48 | ng | 0.01 |
| 23) Nitrobenzene-d5      | 8.89  | 82  | 231125 | 37.15 | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.87 | 330 | 208984 | 62.31 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 12.99 | 172 | 481129 | 38.95 | ng | 0.00 |
| 78) Terphenyl-d14        | 19.74 | 244 | 919811 | 35.08 | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 20295  | 23.96 | ng | # 87   |
| 3) Pyridine                    | 3.64  | 79  | 53871  | 23.20 | ng | 94     |
| 4) n-Nitrosodimethylamine      | 3.56  | 42  | 33280  | 33.36 | ng | # 83   |
| 6) Aniline                     | 7.07  | 93  | 72753  | 20.93 | ng | # 93   |
| 8) 2-Chlorophenol              | 7.31  | 128 | 74069  | 38.92 | ng | 94     |
| 9) Benzaldehyde                | 6.88  | 77  | 53788  | 31.06 | ng | 91     |
| 10) Phenol                     | 6.95  | 94  | 112427 | 40.15 | ng | 91     |
| 11) bis(2-Chloroethyl)ether    | 7.16  | 93  | 78125  | 37.86 | ng | 92     |
| 12) 1,3-Dichlorobenzene        | 7.62  | 146 | 81758  | 35.84 | ng | 93     |
| 13) 1,4-Dichlorobenzene        | 7.77  | 146 | 81093  | 34.83 | ng | 94     |
| 14) 1,2-Dichlorobenzene        | 8.08  | 146 | 79803  | 36.12 | ng | 96     |
| 15) Benzyl Alcohol             | 7.98  | 79  | 92808  | 36.95 | ng | 96     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.26  | 45  | 45161  | 34.27 | ng | 98     |
| 17) 2-Methylphenol             | 8.19  | 107 | 72641  | 38.04 | ng | 94     |
| 18) Hexachloroethane           | 8.80  | 117 | 38068  | 35.42 | ng | 91     |
| 19) n-Nitroso-di-n-propylamine | 8.53  | 70  | 69113  | 34.45 | ng | 92     |
| 20) 3+4-Methylphenols          | 8.52  | 107 | 96879  | 38.04 | ng | 89     |
| 22) Acetophenone               | 8.55  | 105 | 123121 | 34.40 | ng | # 92   |
| 24) Nitrobenzene               | 8.93  | 77  | 111017 | 35.42 | ng | 96     |
| 25) Isophorone                 | 9.45  | 82  | 187600 | 34.00 | ng | 96     |
| 26) 2-Nitrophenol              | 9.64  | 139 | 40971  | 34.12 | ng | 95     |
| 27) 2,4-Dimethylphenol         | 9.71  | 122 | 74159  | 36.91 | ng | # 93   |
| 28) bis(2-Chloroethoxy)methane | 9.94  | 93  | 96152  | 35.33 | ng | 92     |
| 29) 2,4-Dichlorophenol         | 10.17 | 162 | 77239  | 38.06 | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.38 | 180 | 94723  | 35.63 | ng | 83     |
| 31) Naphthalene                | 10.57 | 128 | 222149 | 34.36 | ng | 99     |
| 32) Benzoic acid               | 9.83  | 122 | 26216  | 30.28 | ng | # 82   |
| 33) 4-Chloroaniline            | 10.68 | 127 | 54418  | 20.67 | ng | # 91   |
| 34) Hexachlorobutadiene        | 10.85 | 225 | 86699  | 35.09 | ng | 95     |
| 35) Caprolactam                | 11.47 | 113 | 30680  | 34.37 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.82 | 107 | 100968 | 38.19 | ng | 90     |
| 37) 2-Methylnaphthalene        | 12.18 | 142 | 169817 | 35.09 | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.55 | 216 | 127879 | 38.96 | ng | 96     |
| 40) Hexachlorocyclopentadiene  | 12.53 | 237 | 147408 | 58.20 | ng | 95     |

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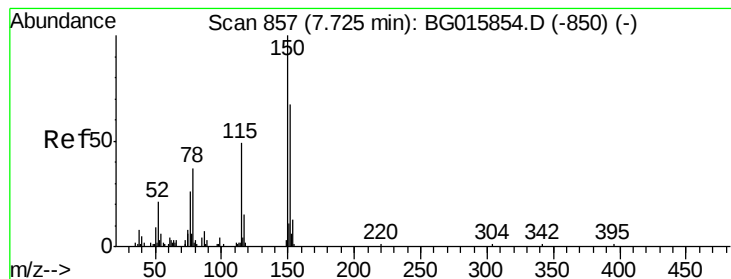
Instrument :  
 BNA\_G  
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 FK-BPM-02-E5-E6-E7-E8MS

Quant Time: Jan 10 02:24:58 2015  
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| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.80 | 196  | 80128    | 39.78 | ng    | 95       |
| 43) 2,4,5-Trichlorophenol      | 12.88 | 196  | 88190    | 39.98 | ng    | 92       |
| 45) 1,1'-Biphenyl              | 13.20 | 154  | 234725   | 37.26 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.25 | 162  | 186921   | 37.24 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.46 | 65   | 63504    | 38.68 | ng    | 97       |
| 48) Acenaphthylene             | 14.09 | 152  | 297233   | 34.62 | ng    | 99       |
| 49) Dimethylphthalate          | 13.83 | 163  | 274009   | 42.09 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.95 | 165  | 55464    | 39.51 | ng    | 94       |
| 51) Acenaphthene               | 14.44 | 154  | 184281   | 36.54 | ng    | 85       |
| 52) 3-Nitroaniline             | 14.29 | 138  | 41759    | 31.27 | ng    | 97       |
| 53) 2,4-Dinitrophenol          | 14.49 | 184  | 30543    | 36.28 | ng    | 91       |
| 54) Dibenzofuran               | 14.77 | 168  | 300529   | 36.74 | ng    | 96       |
| 55) 4-Nitrophenol              | 14.61 | 139  | 77319    | 70.29 | ng    | 89       |
| 56) 2,4-Dinitrotoluene         | 14.74 | 165  | 76561    | 37.86 | ng    | 92       |
| 57) Fluorene                   | 15.42 | 166  | 237213   | 35.58 | ng    | 97       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.00 | 232  | 91204    | 36.65 | ng    | 98       |
| 59) Diethylphthalate           | 15.20 | 149  | 262065   | 36.45 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.41 | 204  | 161179   | 37.02 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.45 | 138  | 49766    | 31.70 | ng    | # 73     |
| 62) Azobenzene                 | 15.71 | 77   | 284419   | 36.71 | ng    | 98       |
| 64) 4,6-Dinitro-2-methylphenol | 15.51 | 198  | 31157    | 21.88 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 15.64 | 169  | 231297   | 37.64 | ng    | 93       |
| 66) 4-Bromophenyl-phenylether  | 16.31 | 248  | 111842   | 38.16 | ng    | 94       |
| 67) Hexachlorobenzene          | 16.42 | 284  | 118214   | 35.63 | ng    | 98       |
| 68) Atrazine                   | 16.59 | 200  | 103189   | 37.59 | ng    | 94       |
| 69) Pentachlorophenol          | 16.78 | 266  | 142947   | 67.05 | ng    | 100      |
| 70) Phenanthrene               | 17.16 | 178  | 400267   | 35.19 | ng    | 98       |
| 71) Anthracene                 | 17.25 | 178  | 408762   | 36.18 | ng    | 98       |
| 72) Carbazole                  | 17.52 | 167  | 374423   | 34.56 | ng    | 97       |
| 73) Di-n-butylphthalate        | 18.09 | 149  | 445200   | 34.90 | ng    | 98       |
| 74) Fluoranthene               | 19.18 | 202  | 567315   | 32.98 | ng    | 98       |
| 76) Benzidine                  | 19.37 | 184  | 146809   | 21.64 | ng    | 98       |
| 77) Pyrene                     | 19.54 | 202  | 581834   | 37.14 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.44 | 149  | 218513   | 37.22 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.28 | 228  | 601738   | 34.58 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.22 | 252  | 125087   | 19.59 | ng    | 88       |
| 82) Chrysene                   | 21.34 | 228  | 571707   | 35.74 | ng    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 309889   | 36.31 | ng    | 98       |
| 84) Di-n-octyl phthalate       | 22.09 | 149  | 515146   | 37.07 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.88 | 276  | 421915   | 22.33 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 22.89 | 252  | 523838   | 36.48 | ng    | 97       |
| 88) Benzo(k)fluoranthene       | 22.93 | 252  | 516931   | 37.40 | ng    | 99       |
| 89) Benzo(a)pyrene             | 23.47 | 252  | 509824   | 39.42 | ng    | 96       |
| 90) Dibenzo(a,h)anthracene     | 25.90 | 278  | 346146   | 27.23 | ng    | 97       |
| 91) Benzo(g,h,i)perylene       | 26.60 | 276  | 323749   | 25.63 | ng    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.73 min Scan# 859

Delta R.T. 0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

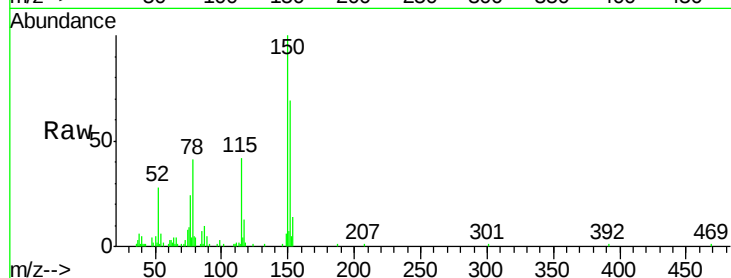
Tgt Ion:152 Resp: 31757

Ion Ratio Lower Upper

152 100

150 145.5 120.5 180.7

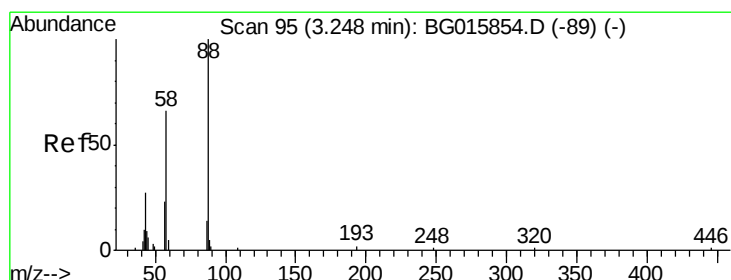
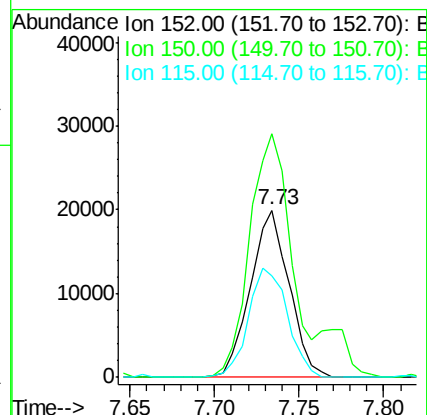
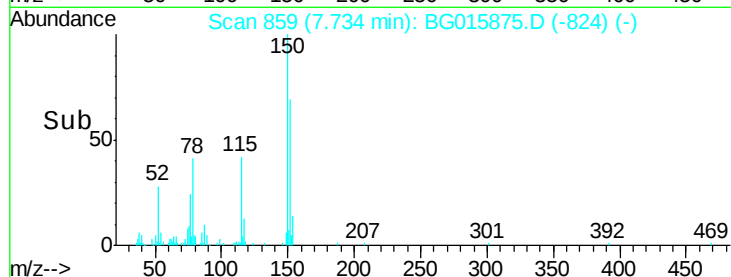
115 60.4 54.0 81.0



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: 23.96 ng

RT: 3.25 min Scan# 96

Delta R.T. -0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

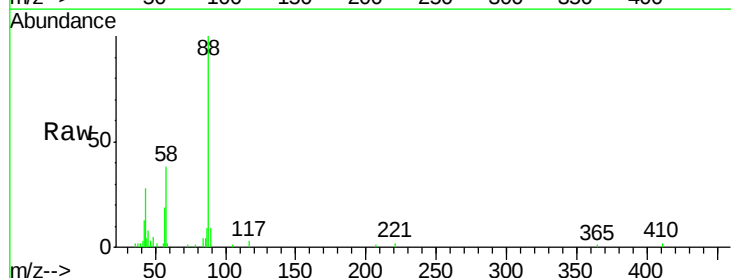
Tgt Ion: 88 Resp: 20295

Ion Ratio Lower Upper

88 100

58 52.6 37.9 56.9

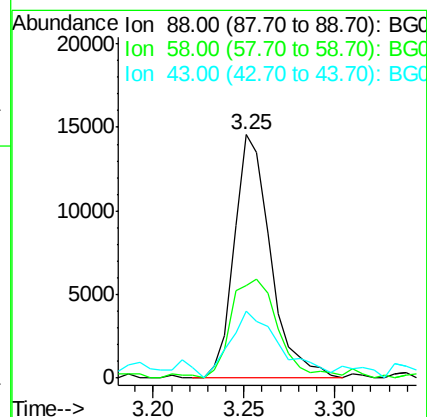
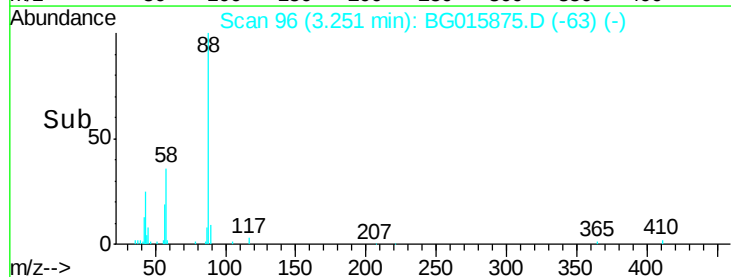
43 38.2 20.7 31.1#

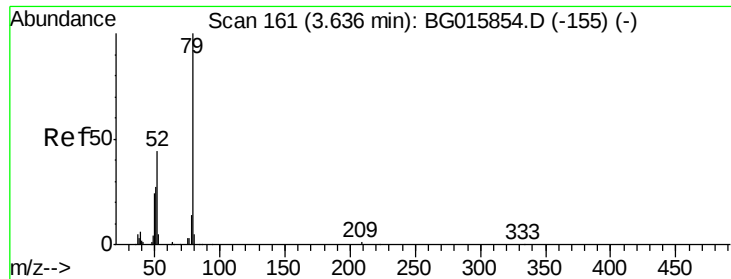


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 23.20 ng

RT: 3.64 min Scan# 163

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

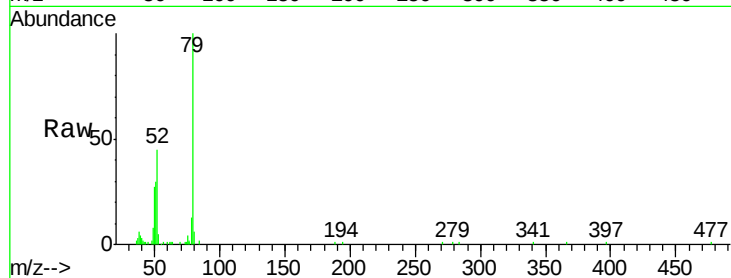
Tgt Ion: 79 Resp: 53871

Ion Ratio Lower Upper

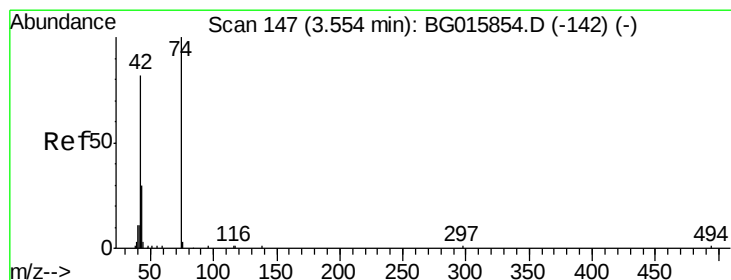
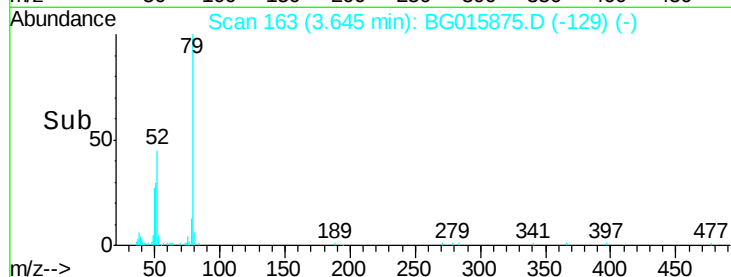
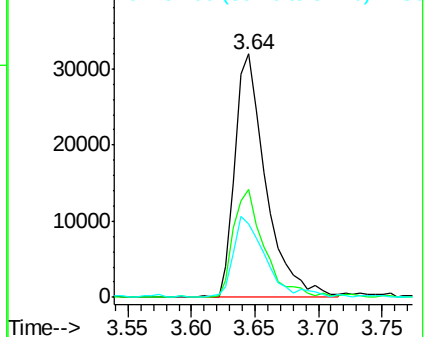
79 100

52 44.6 30.6 46.0

51 30.3 24.9 37.3



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



#4

n-Nitrosodimethylamine

Concen: 33.36 ng

RT: 3.56 min Scan# 149

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

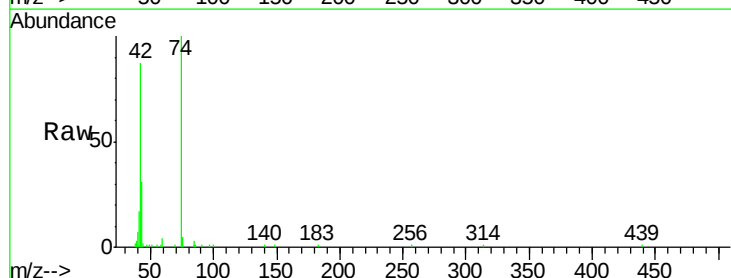
Tgt Ion: 42 Resp: 33280

Ion Ratio Lower Upper

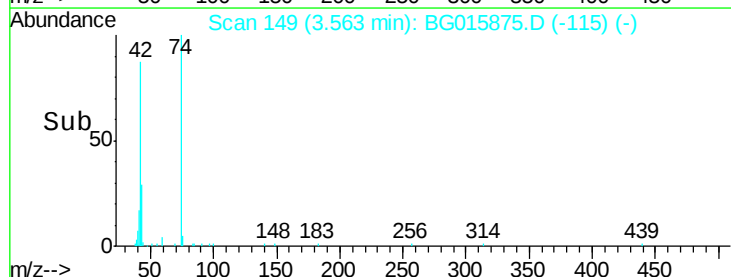
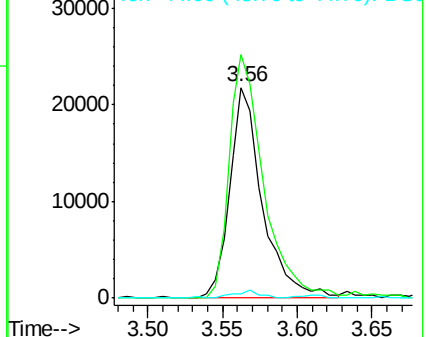
42 100

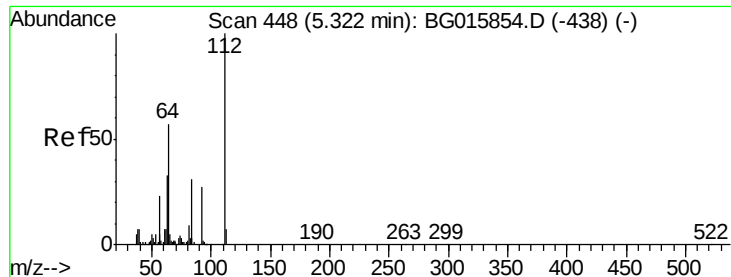
74 115.5 108.8 163.2

44 1.8 4.4 6.6#



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





#5

2-Fluorophenol

Concen: 62.22 ng

RT: 5.34 min Scan# 451

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

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ClientSampleId :

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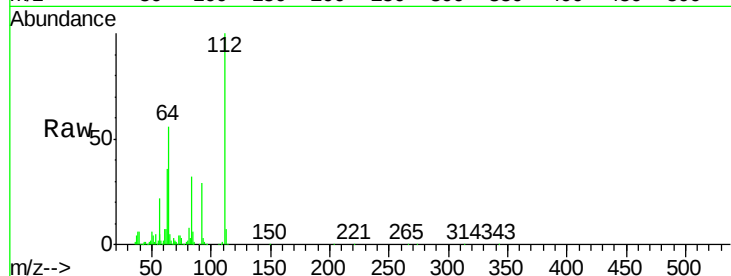
Tgt Ion: 112 Resp: 229749

Ion Ratio Lower Upper

112 100

64 56.3 46.8 70.2

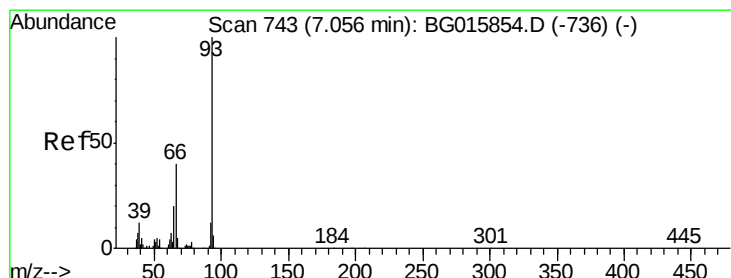
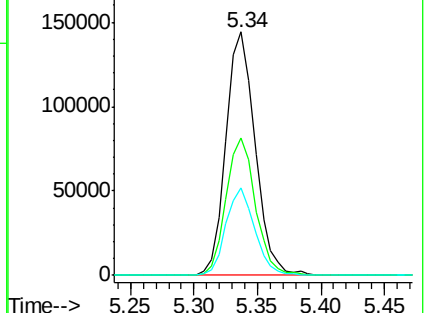
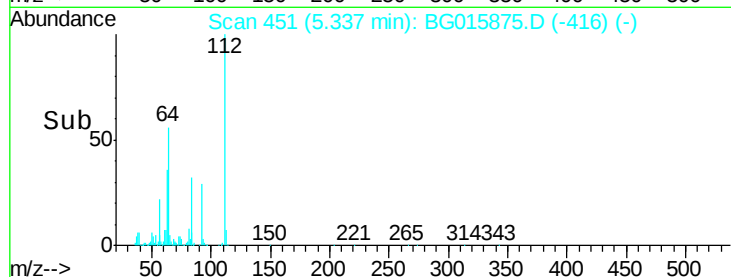
63 35.7 30.6 45.8



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 20.93 ng

RT: 7.07 min Scan# 746

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

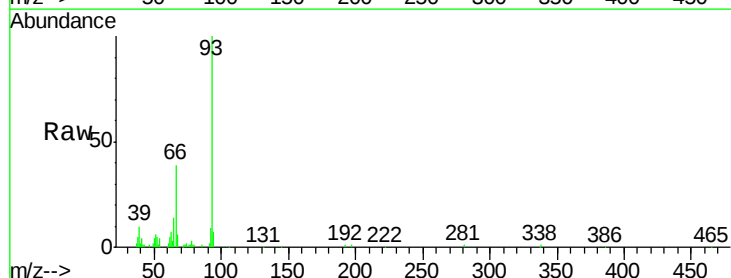
Tgt Ion: 93 Resp: 72753

Ion Ratio Lower Upper

93 100

66 38.8 28.7 43.1

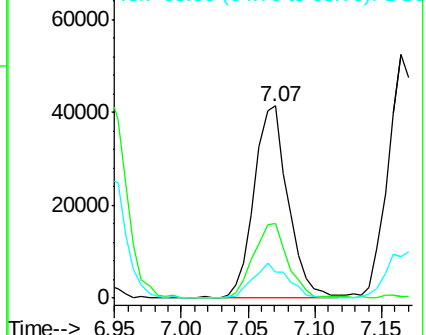
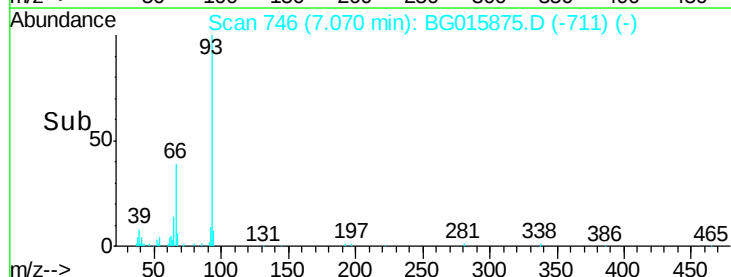
65 13.5 14.7 22.1#

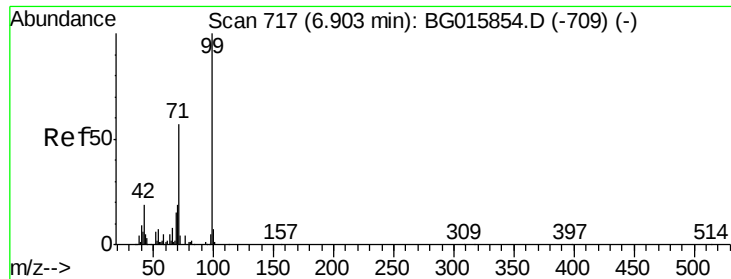


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 62.48 ng

RT: 6.92 min Scan# 721

Delta R.T. 0.01 min

Lab File: BG015875.D

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Instrument :

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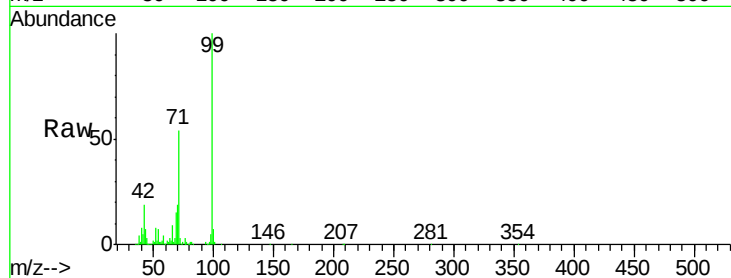
Tgt Ion: 99 Resp: 321307

Ion Ratio Lower Upper

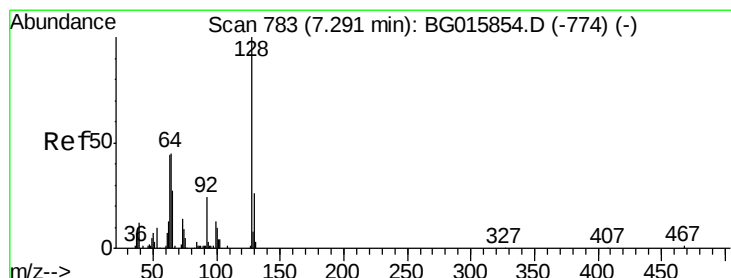
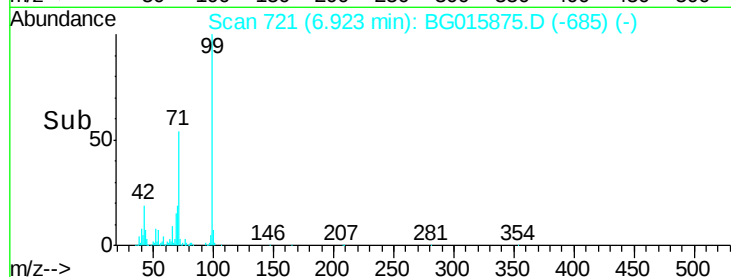
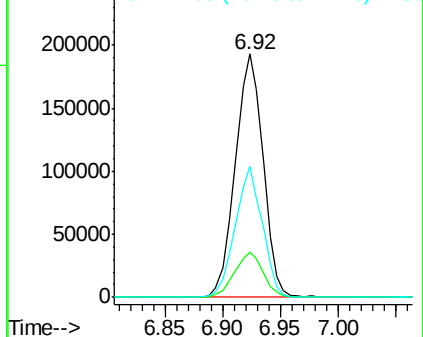
99 100

42 18.5 13.8 20.8

71 53.7 42.8 64.2



Abundance Ion 99.00 (98.70 to 99.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 38.92 ng

RT: 7.31 min Scan# 786

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

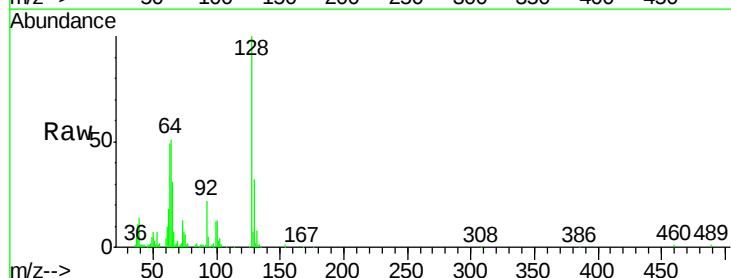
Tgt Ion: 128 Resp: 74069

Ion Ratio Lower Upper

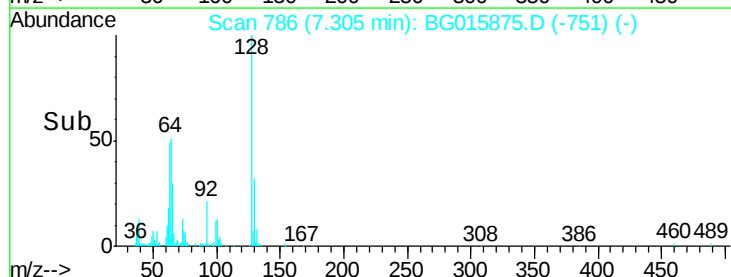
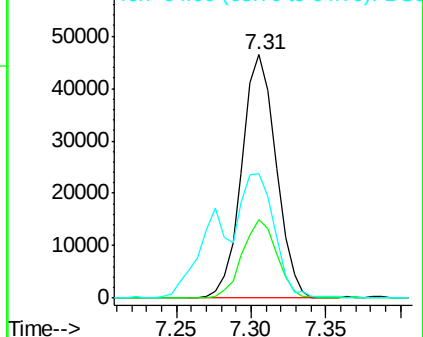
128 100

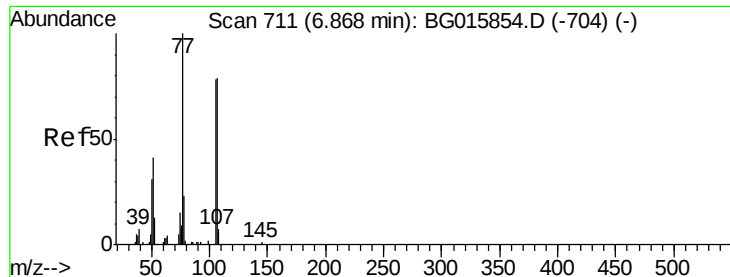
130 32.3 10.6 50.6

64 51.4 36.4 76.4



Abundance Ion 128.00 (127.70 to 128.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC  
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 31.06 ng

RT: 6.88 min Scan# 713

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

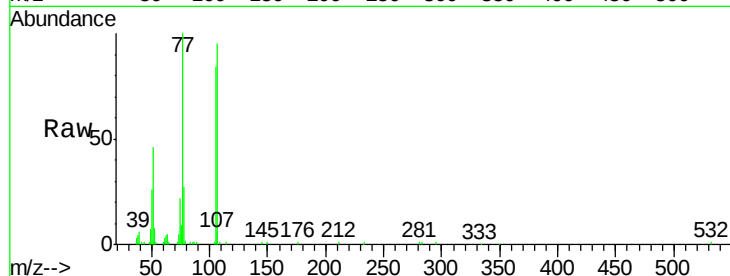
Tgt Ion: 77 Resp: 53788

Ion Ratio Lower Upper

77 100

105 83.9 62.4 102.4

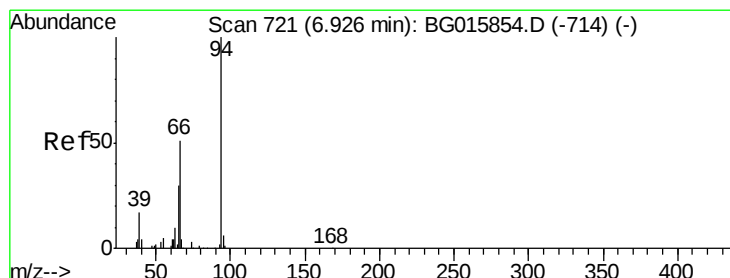
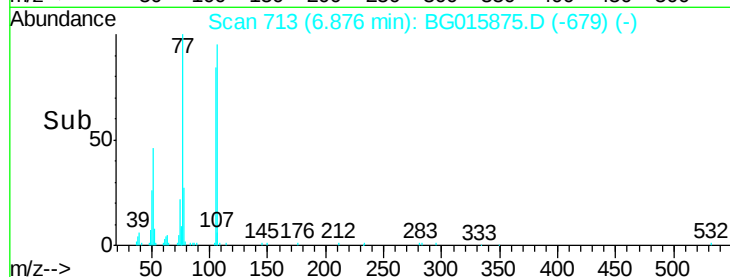
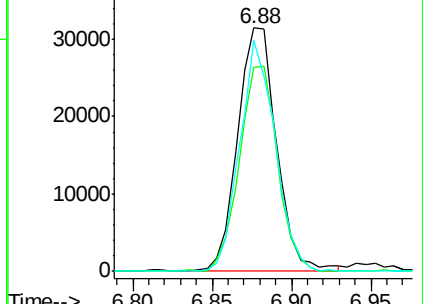
106 94.9 59.5 99.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.15 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

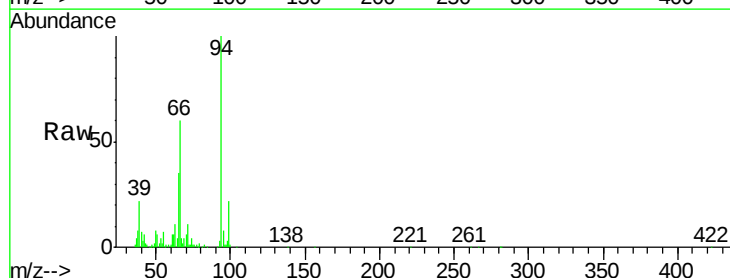
Tgt Ion: 94 Resp: 112427

Ion Ratio Lower Upper

94 100

65 35.0 9.7 49.7

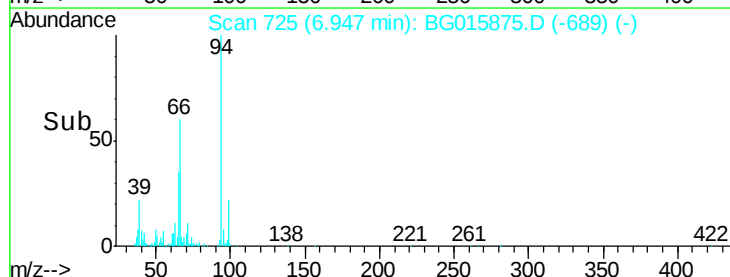
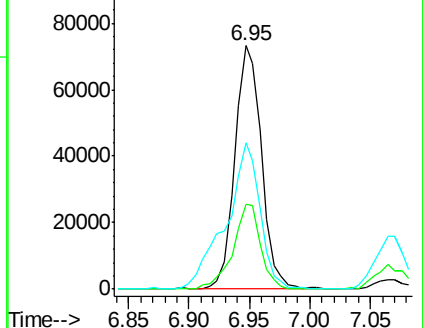
66 60.1 33.8 73.8

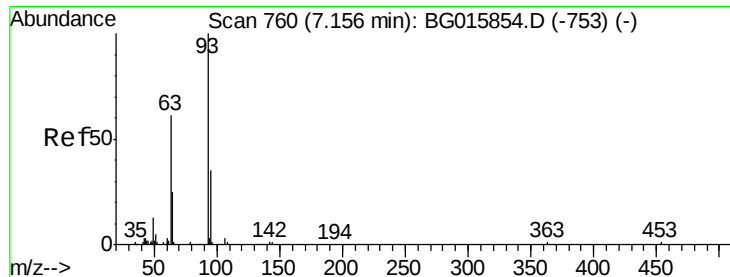


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

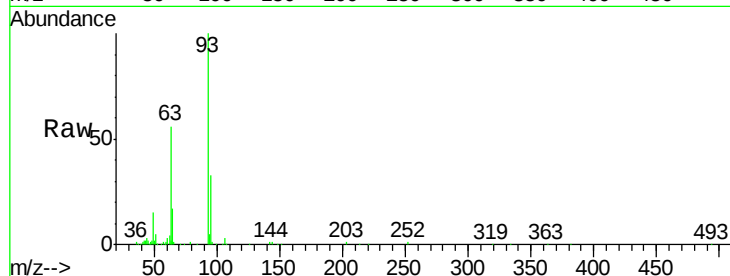




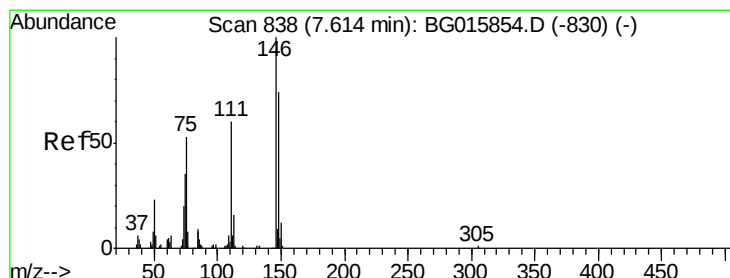
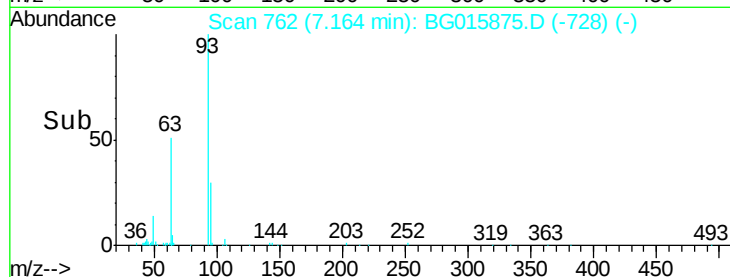
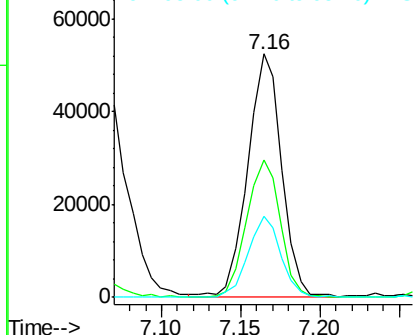
#11  
bis(2-Chloroethyl)ether  
Concen: 37.86 ng  
RT: 7.16 min Scan# 762  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion: 93 Resp: 78125  
Ion Ratio Lower Upper  
93 100  
63 56.4 45.1 85.1  
95 33.2 12.1 52.1

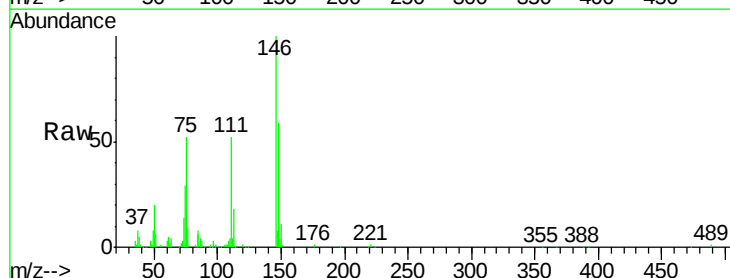


Abundance Ion 93.00 (92.70 to 93.70): BGC  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 95.00 (94.70 to 95.70): BGC

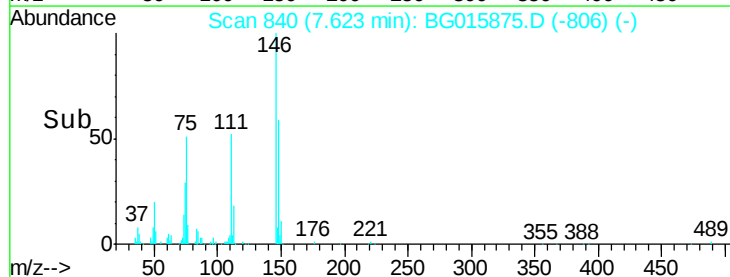
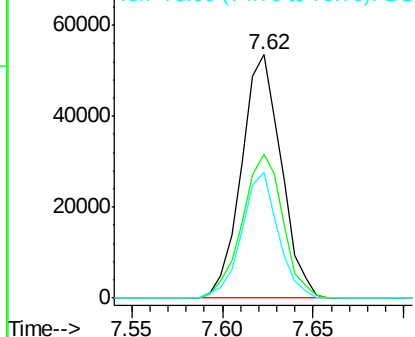


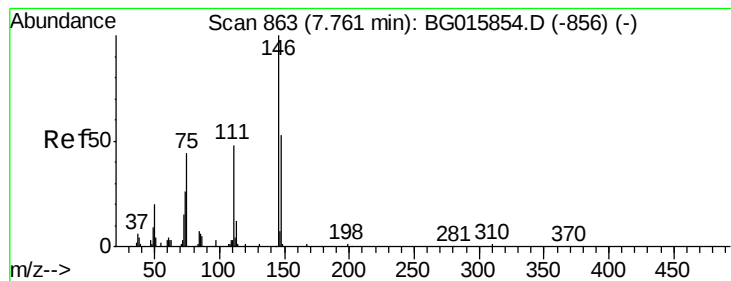
#12  
1,3-Dichlorobenzene  
Concen: 35.84 ng  
RT: 7.62 min Scan# 840  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion: 146 Resp: 81758  
Ion Ratio Lower Upper  
146 100  
148 59.0 52.5 78.7  
75 51.6 38.9 58.3



Abundance Ion 146.00 (145.70 to 146.70): BGC  
Ion 148.00 (147.70 to 148.70): BGC  
Ion 75.00 (74.70 to 75.70): BGC





#13

1,4-Dichlorobenzene

Concen: 34.83 ng

RT: 7.77 min Scan# 865

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

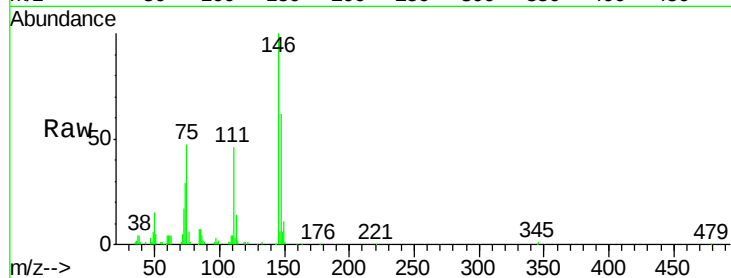
Tgt Ion:146 Resp: 81093

Ion Ratio Lower Upper

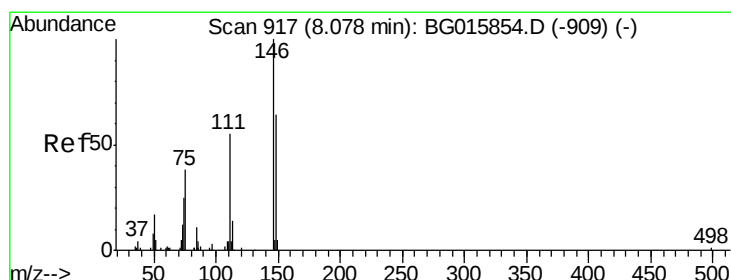
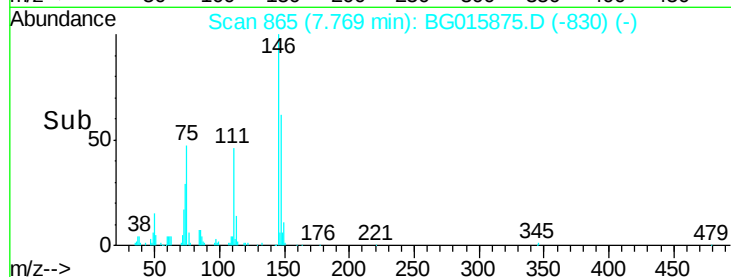
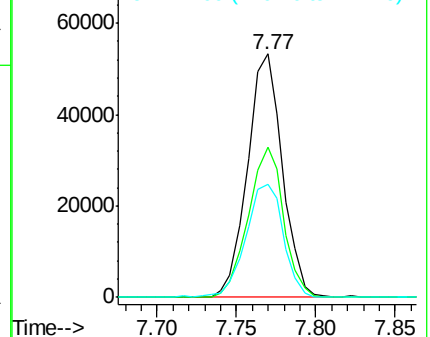
146 100

148 61.7 46.5 69.7

111 46.4 41.8 62.6



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: 36.12 ng

RT: 8.08 min Scan# 918

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

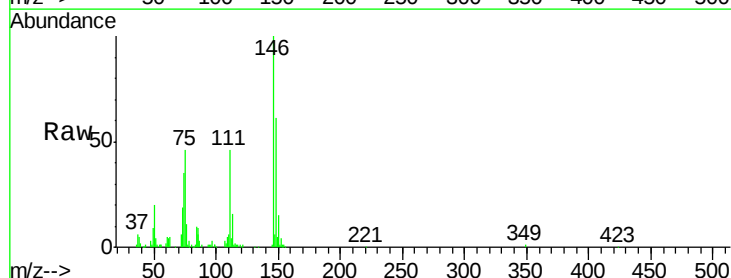
Tgt Ion:146 Resp: 79803

Ion Ratio Lower Upper

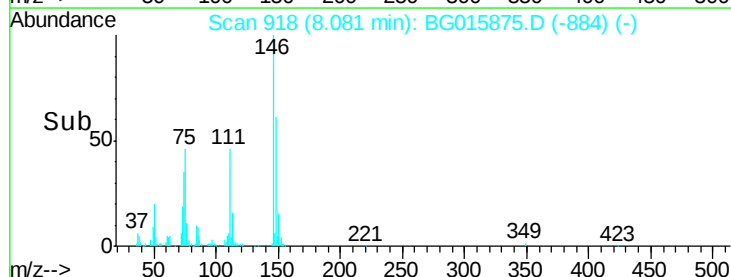
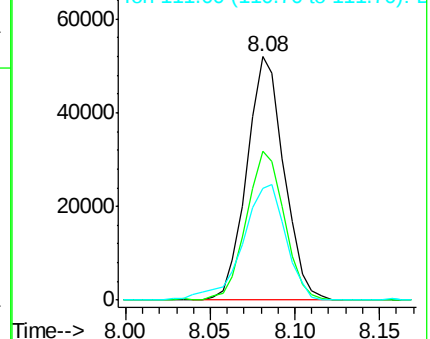
146 100

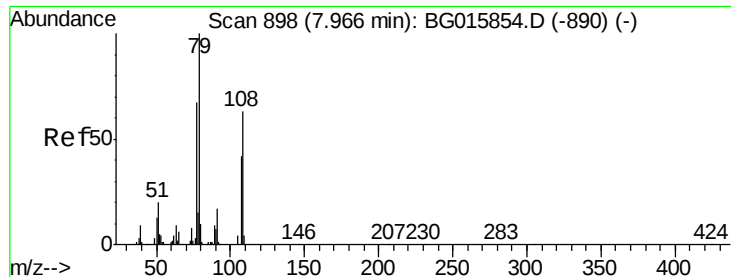
148 61.2 46.7 70.1

111 46.2 39.6 59.4



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





#15

Benzyl Alcohol

Concen: 36.95 ng

RT: 7.98 min Scan# 900

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

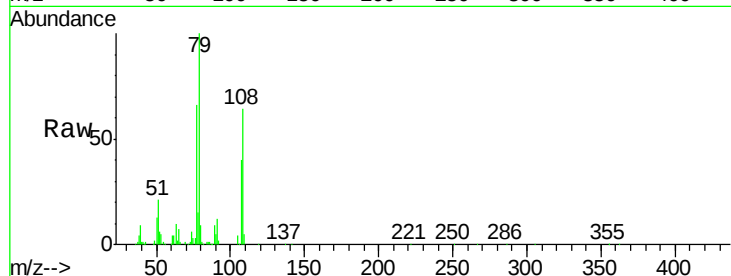
Tgt Ion: 79 Resp: 92808

Ion Ratio Lower Upper

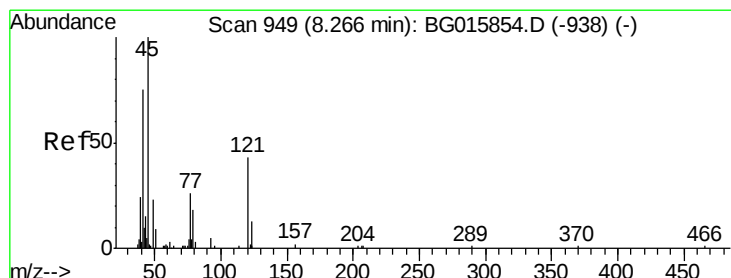
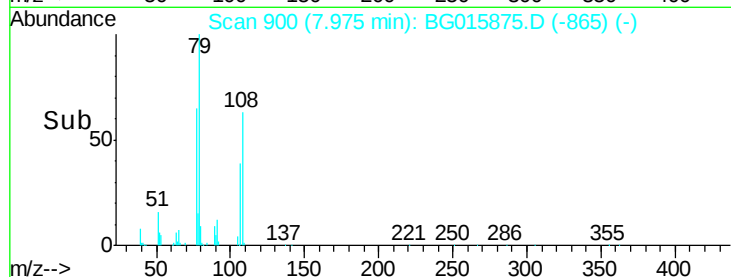
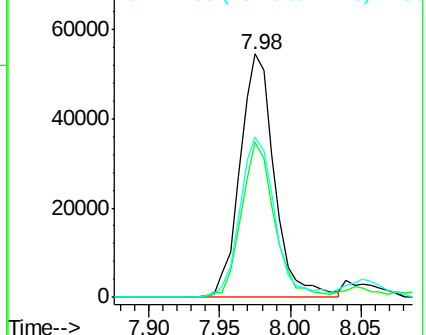
79 100

108 63.8 47.0 70.4

77 65.7 53.1 79.7



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.27 ng

RT: 8.26 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

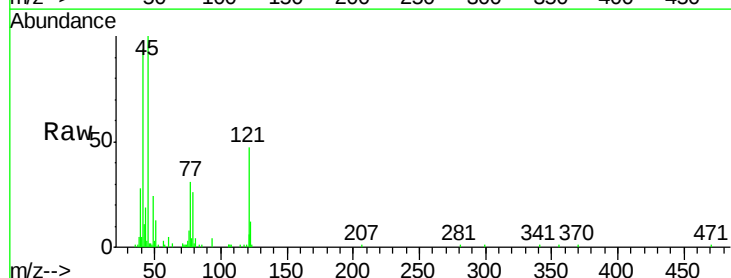
Tgt Ion: 45 Resp: 45161

Ion Ratio Lower Upper

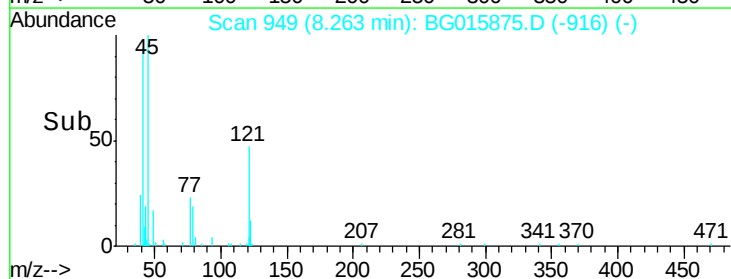
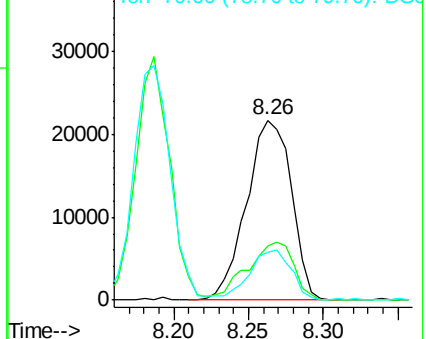
45 100

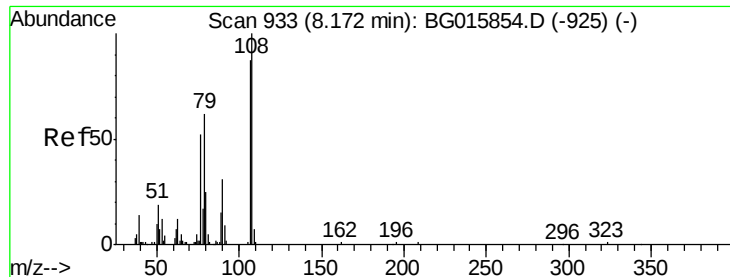
77 30.5 9.7 49.7

79 26.5 7.8 47.8



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

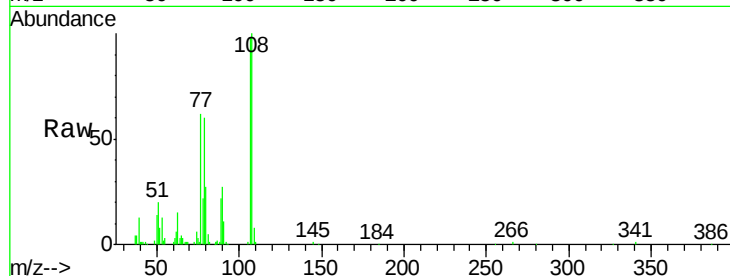




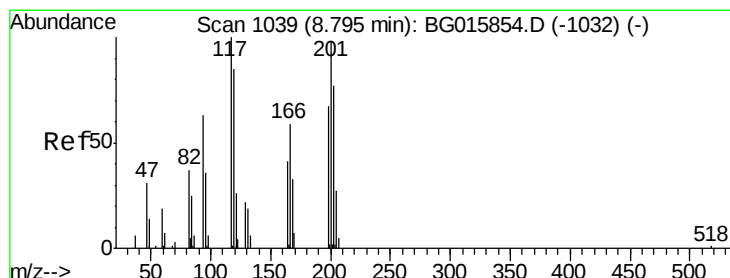
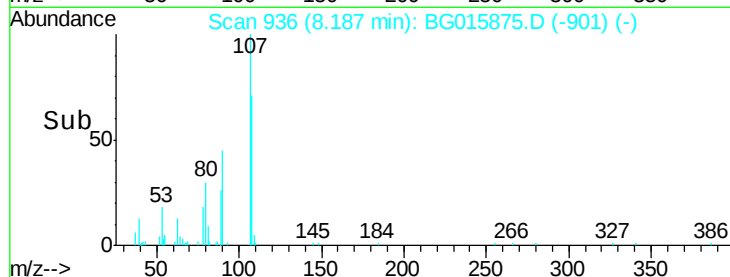
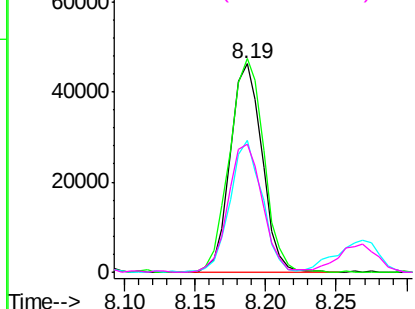
#17  
2-Methylphenol  
Concen: 38.04 ng  
RT: 8.19 min Scan# 936  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 72641 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 102.5 | 88.9  | 133.3 |
| 77       | 63.5  | 46.6  | 69.8  |
| 79       | 61.1  | 47.6  | 71.4  |

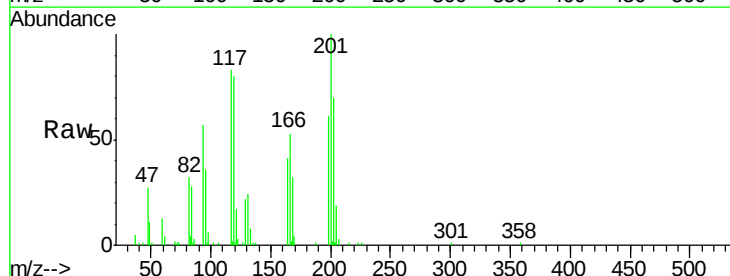


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BG  
Ion 79.00 (78.70 to 79.70): BG

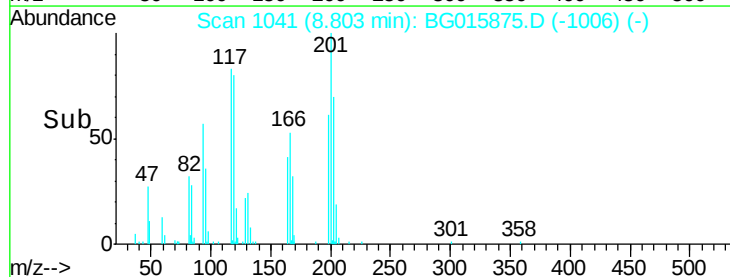
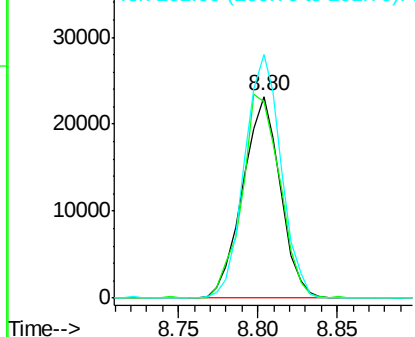


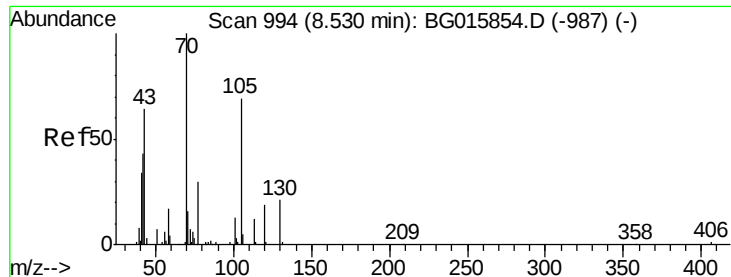
#18  
Hexachloroethane  
Concen: 35.42 ng  
RT: 8.80 min Scan# 1041  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 38068 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 95.2  | 79.5  | 119.3 |
| 201      | 120.6 | 84.8  | 127.2 |



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

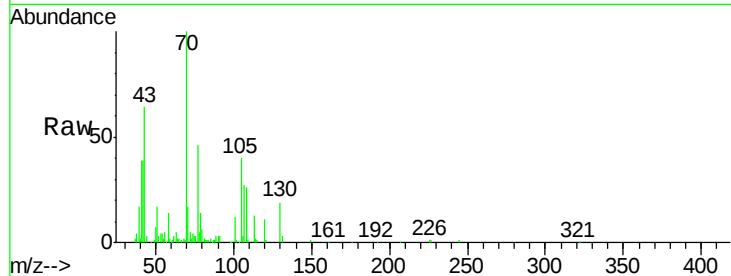




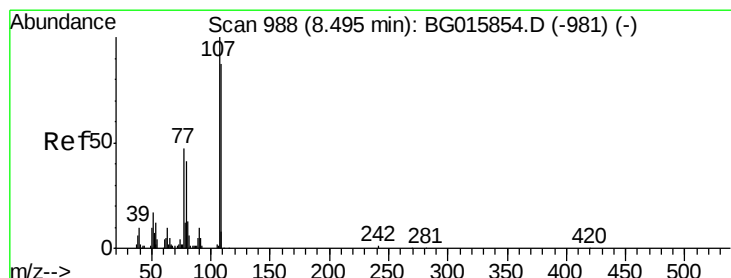
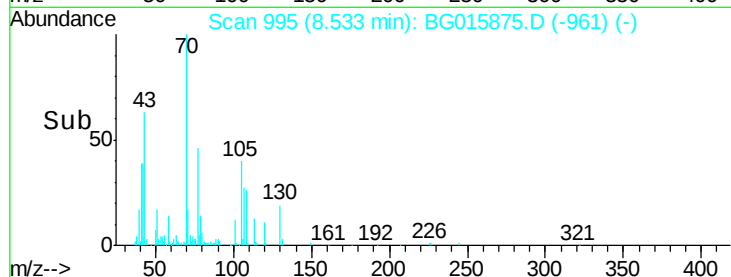
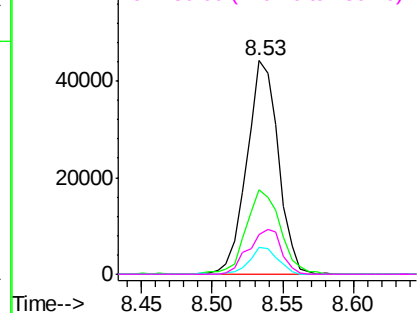
#19  
n-Nitroso-di-n-propylamine  
Concen: 34.45 ng  
RT: 8.53 min Scan# 995  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 69113 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 39.3  | 36.6  | 54.8  |
| 101      | 12.4  | 9.4   | 14.2  |
| 130      | 18.6  | 17.4  | 26.2  |

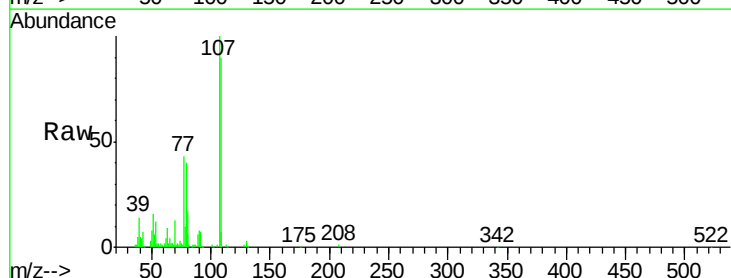


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

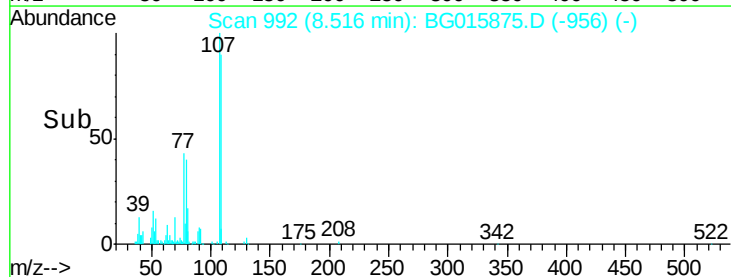
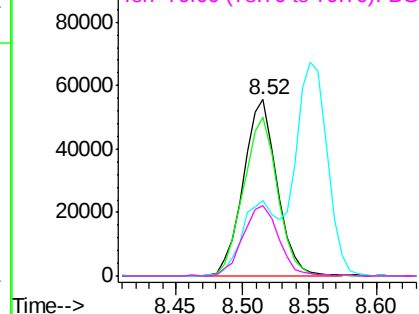


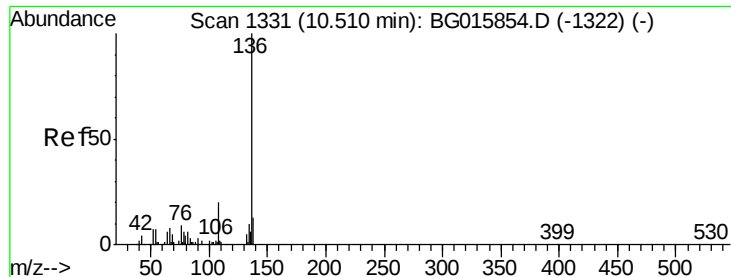
#20  
3+4-Methylphenols  
Concen: 38.04 ng  
RT: 8.52 min Scan# 992  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 107   | Resp: | 96879 |
| Ion      | Ratio | Lower | Upper |
| 107      | 100   |       |       |
| 108      | 90.3  | 80.9  | 120.9 |
| 77       | 42.6  | 32.1  | 72.1  |
| 79       | 40.0  | 24.9  | 64.9  |



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

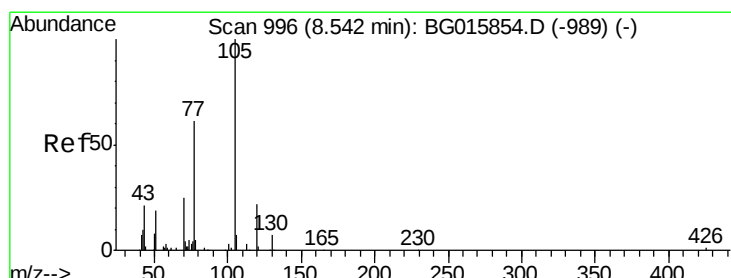
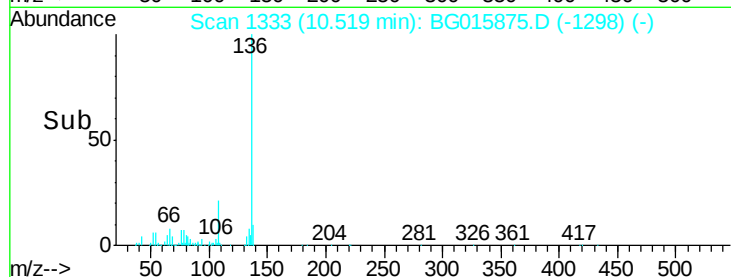
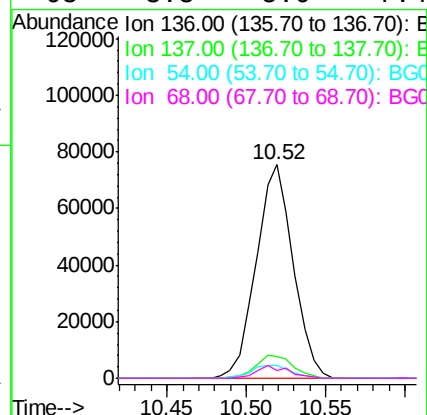
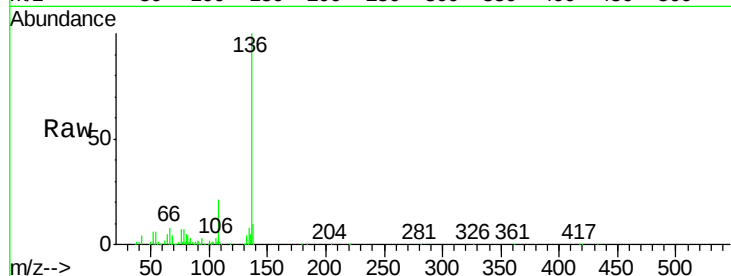




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.52 min Scan# 1333  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

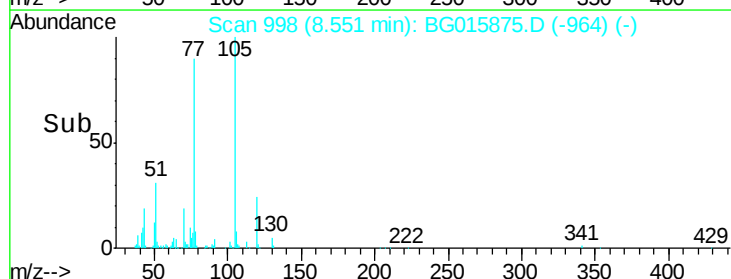
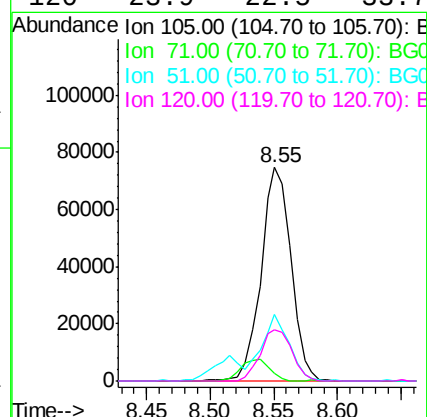
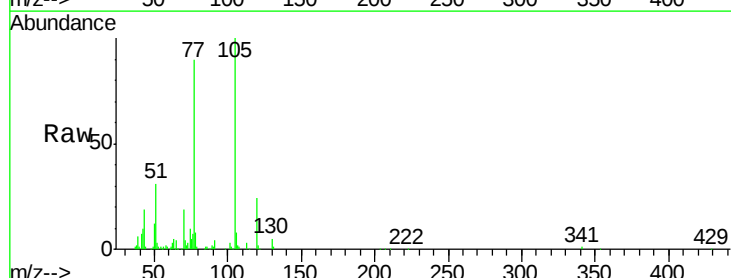
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

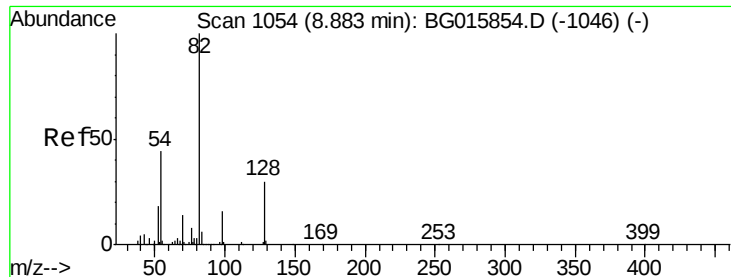
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 122071 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 10.1  | 9.6   | 14.4   |
| 54       | 5.9   | 4.5   | 6.7    |
| 68       | 3.8   | 5.0   | 7.4#   |



#22  
Acetophenone  
Concen: 34.40 ng  
RT: 8.55 min Scan# 998  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 123121 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 3.5   | 0.9   | 1.3#   |
| 51       | 31.0  | 21.4  | 32.2   |
| 120      | 23.9  | 22.5  | 33.7   |

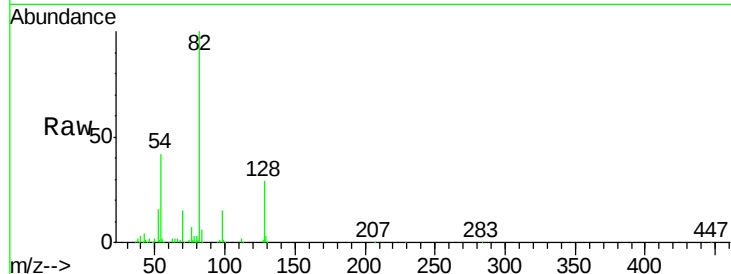




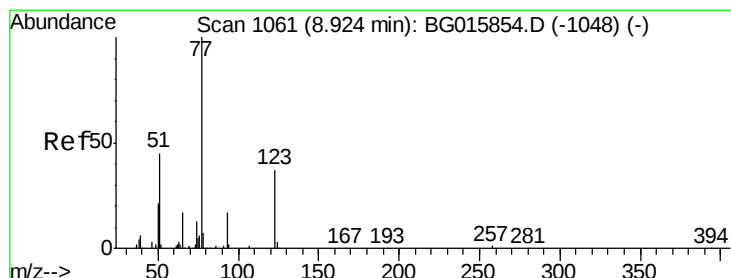
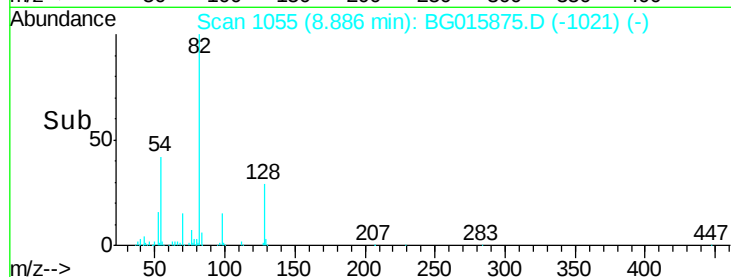
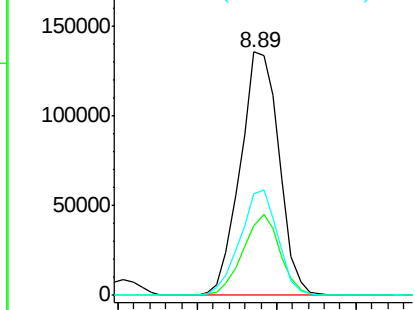
#23  
 Nitrobenzene-d5  
 Concen: 37.15 ng  
 RT: 8.89 min Scan# 1055  
 Delta R.T. -0.00 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 28.5  | 23.4  | 35.0  |
| 54      | 41.6  | 32.3  | 48.5  |

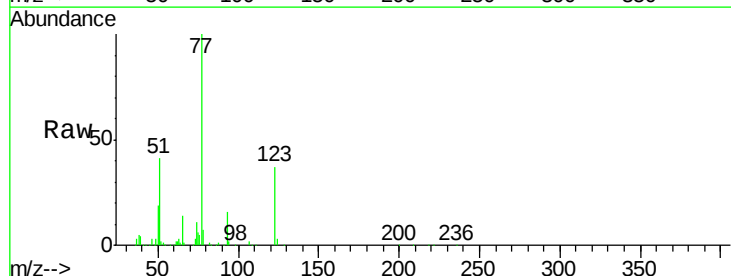


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

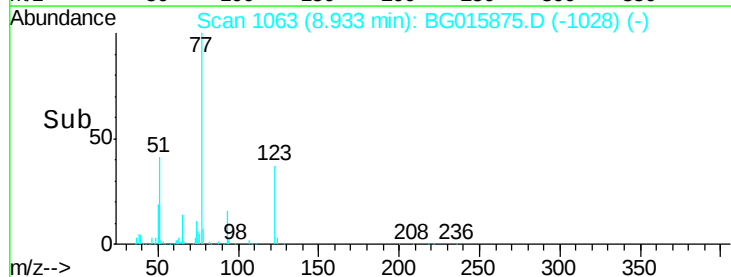
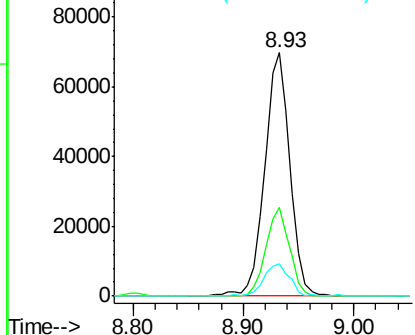


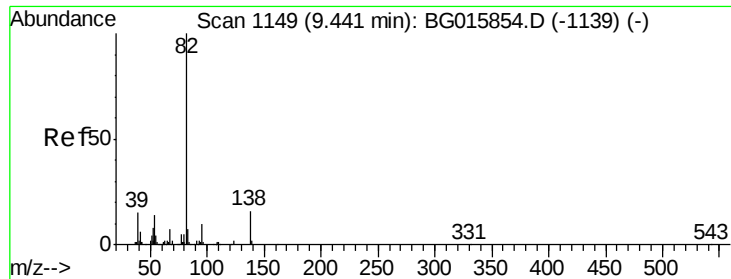
#24  
 Nitrobenzene  
 Concen: 35.42 ng  
 RT: 8.93 min Scan# 1063  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 36.5  | 27.0  | 40.4  |
| 65      | 13.5  | 12.0  | 18.0  |



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

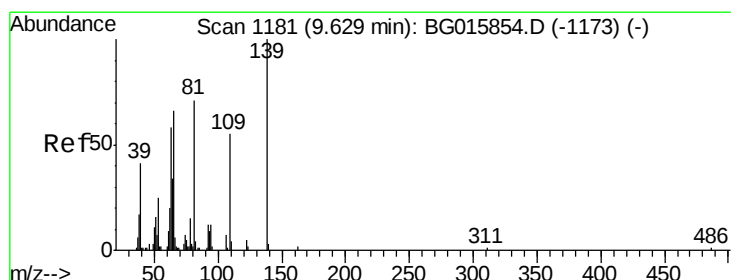
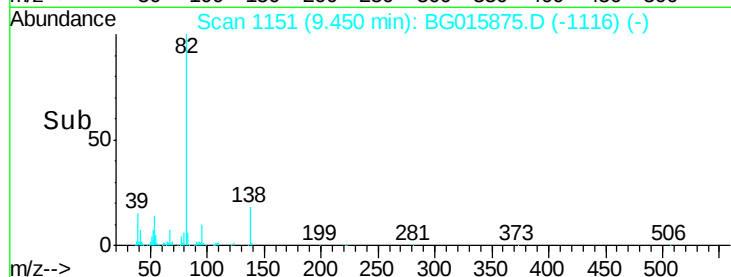
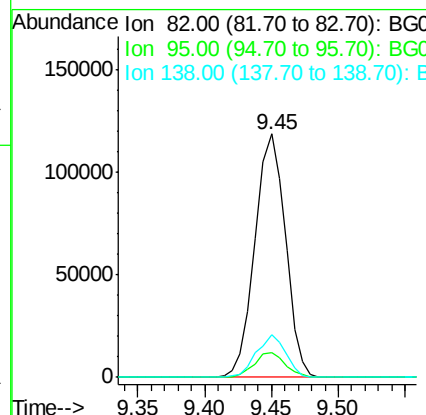
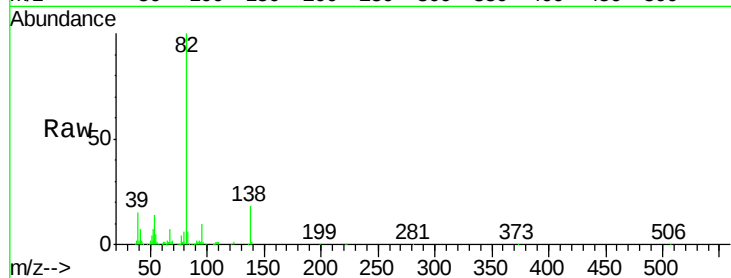




#25  
Isophorone  
Concen: 34.00 ng  
RT: 9.45 min Scan# 1151  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

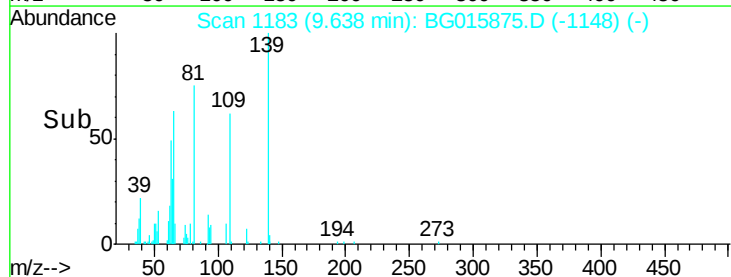
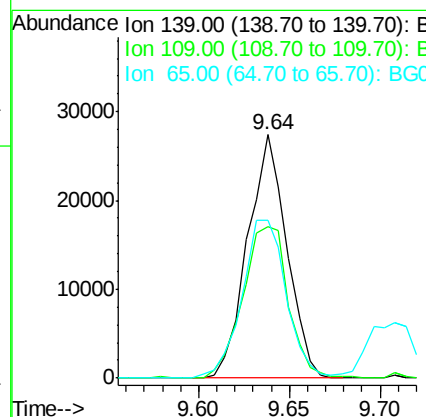
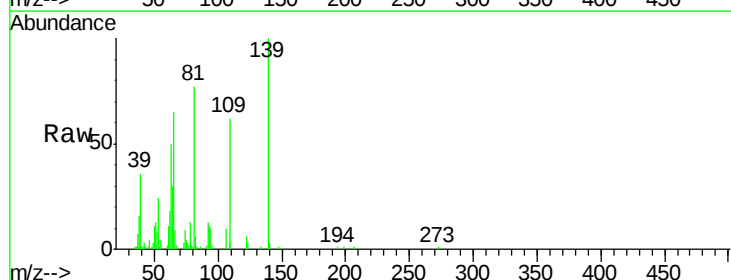
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

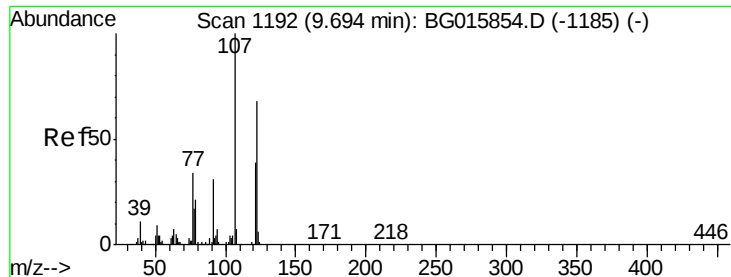
Tgt Ion: 82 Resp: 187600  
Ion Ratio Lower Upper  
82 100  
95 10.1 7.5 11.3  
138 17.7 12.6 18.8



#26  
2-Nitrophenol  
Concen: 34.12 ng  
RT: 9.64 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion: 139 Resp: 40971  
Ion Ratio Lower Upper  
139 100  
109 62.3 47.0 70.4  
65 64.8 48.5 72.7

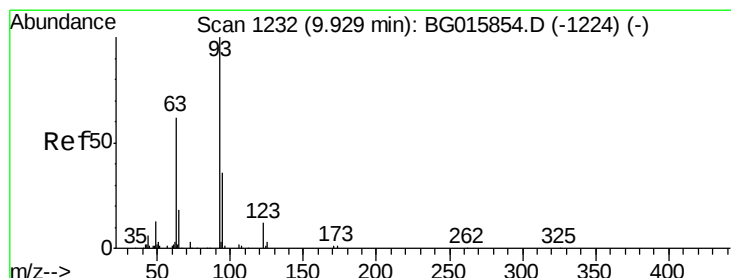
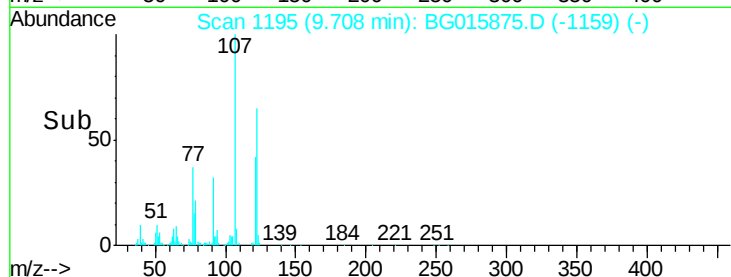
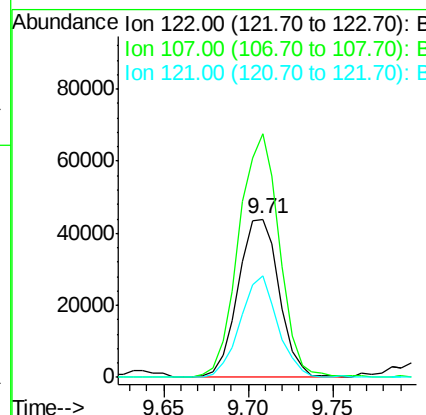
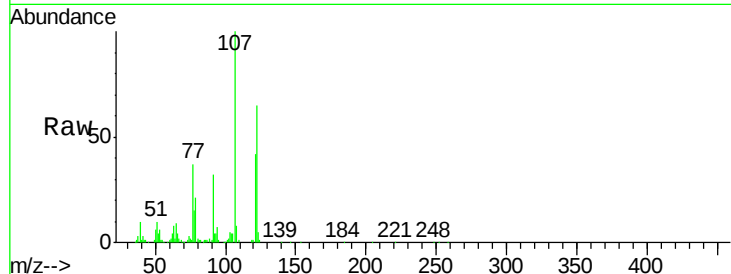




#27  
 2,4-Dimethylphenol  
 Concen: 36.91 ng  
 RT: 9.71 min Scan# 1195  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

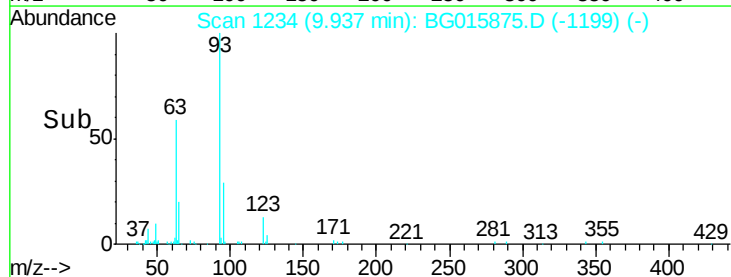
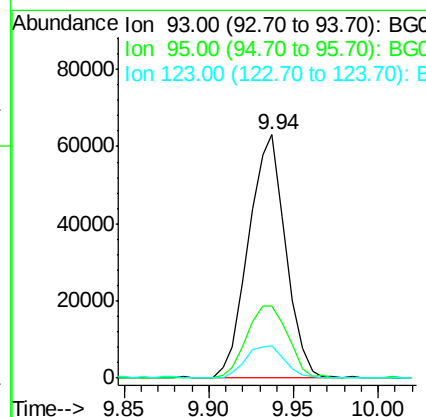
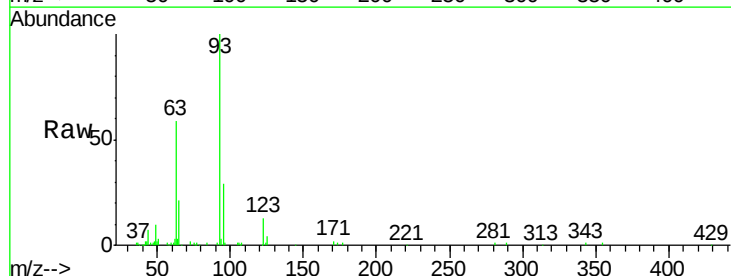
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

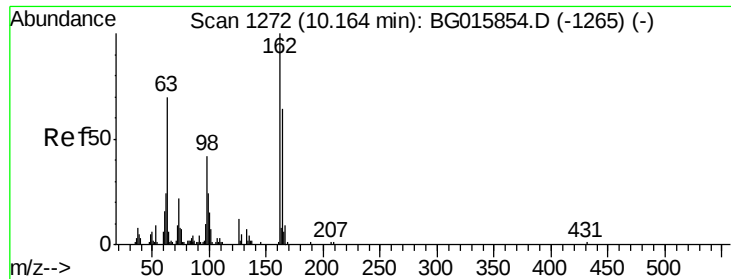
Tgt Ion:122 Resp: 74159  
 Ion Ratio Lower Upper  
 122 100  
 107 154.3 120.8 181.2  
 121 64.4 41.2 61.8#



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 35.33 ng  
 RT: 9.94 min Scan# 1234  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Tgt Ion: 93 Resp: 96152  
 Ion Ratio Lower Upper  
 93 100  
 95 29.4 27.5 41.3  
 123 13.1 9.1 13.7

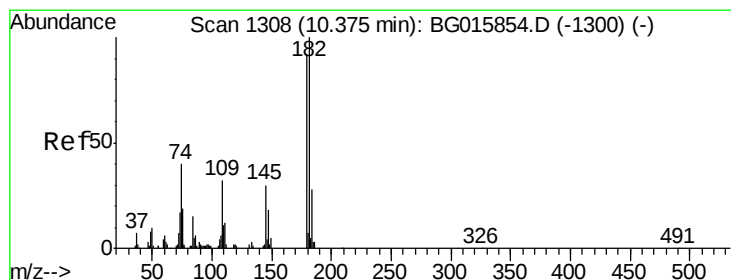
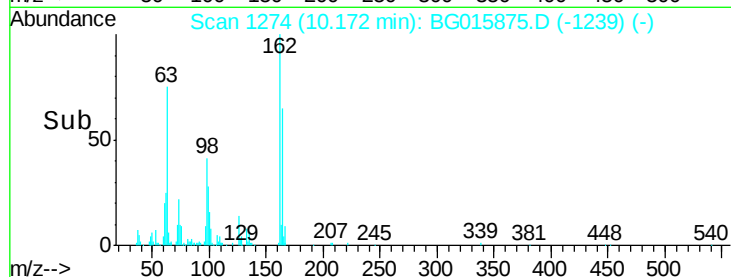
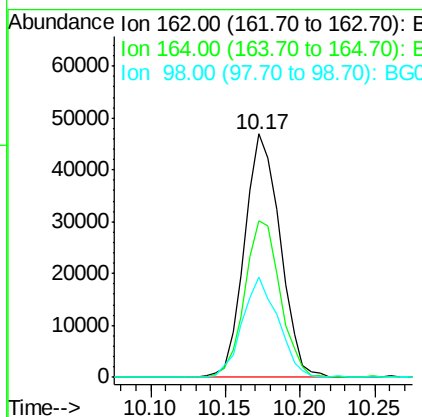
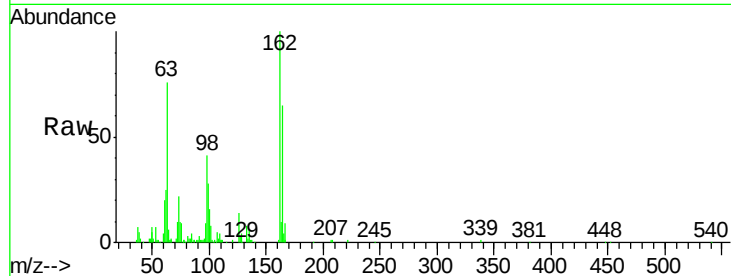




#29  
2,4-Dichlorophenol  
Concen: 38.06 ng  
RT: 10.17 min Scan# 1274  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

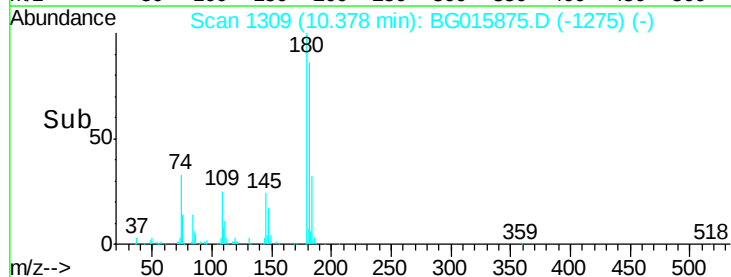
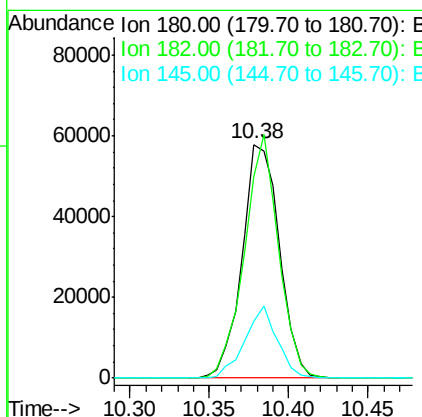
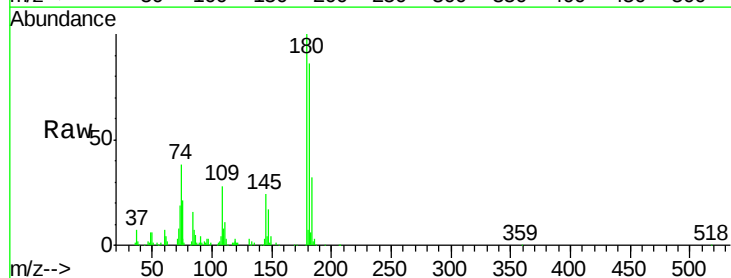
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

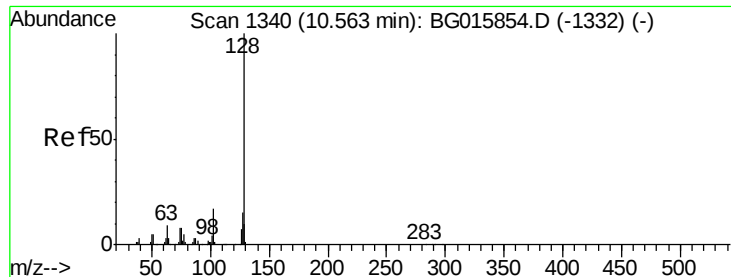
Tgt Ion:162 Resp: 77239  
Ion Ratio Lower Upper  
162 100  
164 64.5 44.0 84.0  
98 41.0 24.2 64.2



#30  
1,2,4-Trichlorobenzene  
Concen: 35.63 ng  
RT: 10.38 min Scan# 1309  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion:180 Resp: 94723  
Ion Ratio Lower Upper  
180 100  
182 86.2 84.8 127.2  
145 24.1 22.8 34.2

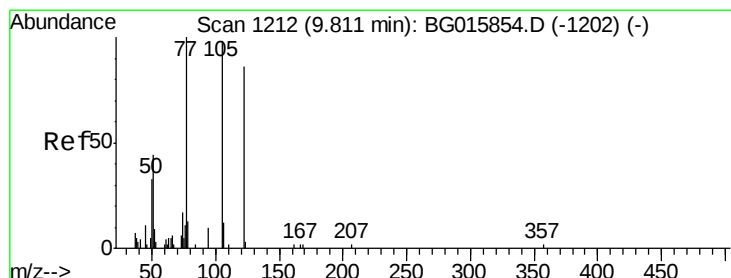
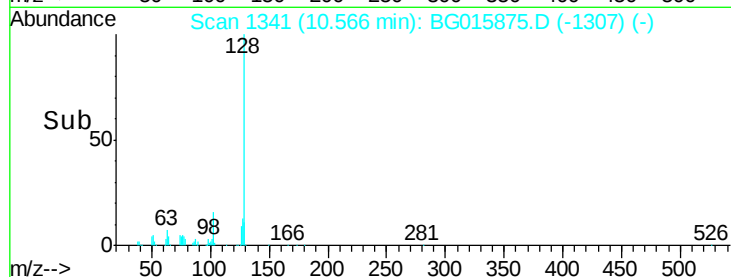
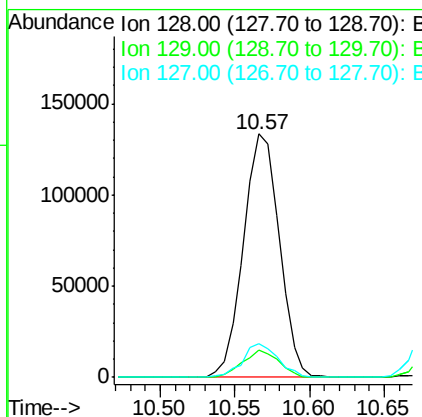
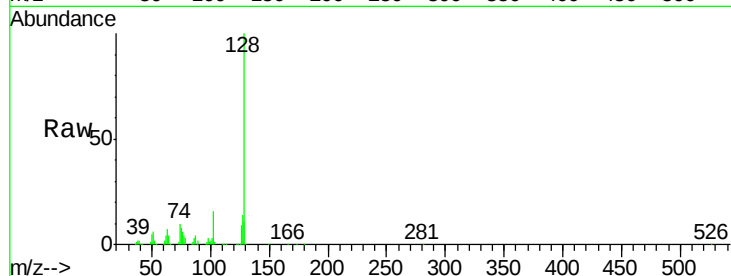




#31  
Naphthalene  
Concen: 34.36 ng  
RT: 10.57 min Scan# 1341  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

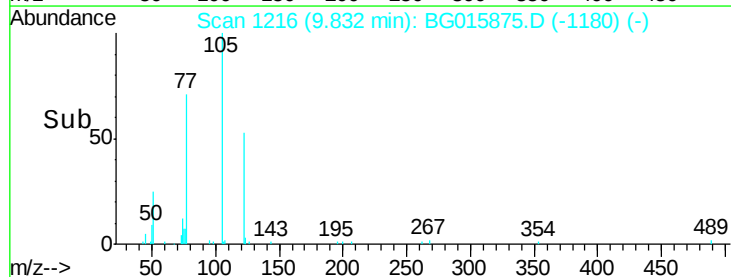
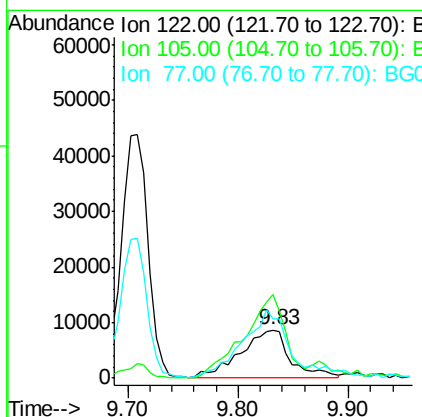
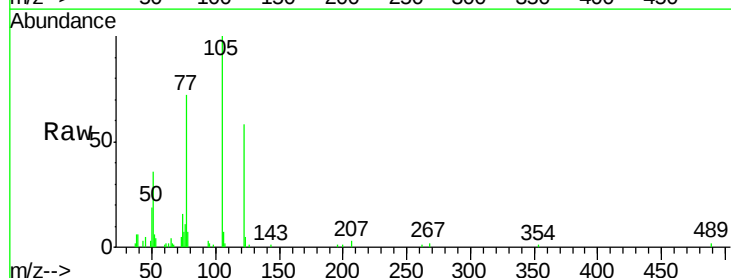
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

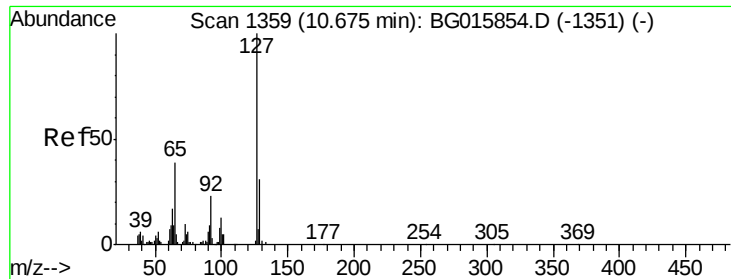
Tgt Ion:128 Resp: 222149  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.4 14.2  
127 13.7 10.6 15.8



#32  
Benzoic acid  
Concen: 30.28 ng  
RT: 9.83 min Scan# 1216  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion:122 Resp: 26216  
Ion Ratio Lower Upper  
122 100  
105 173.3 123.7 163.7#  
77 124.5 92.4 132.4

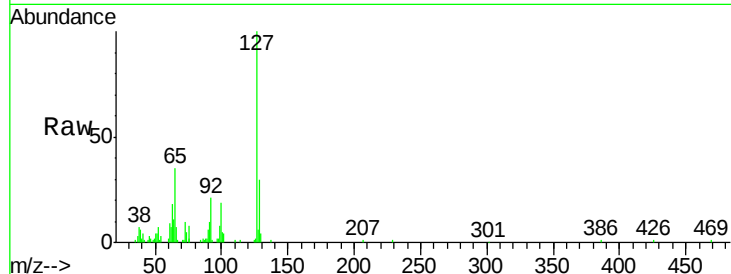




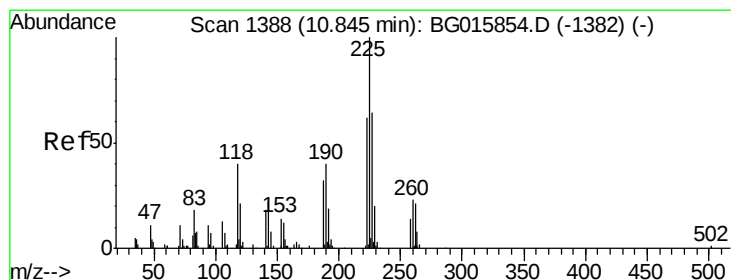
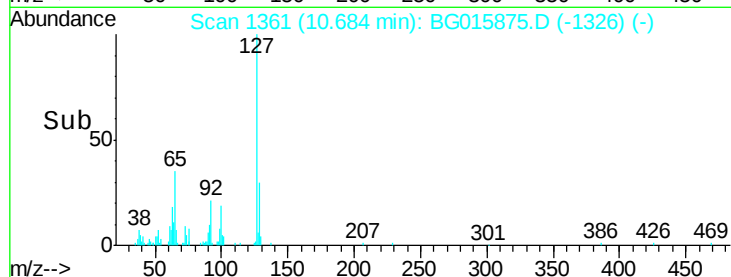
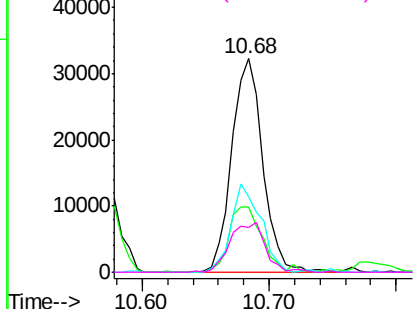
#33  
4-Chloroaniline  
Concen: 20.67 ng  
RT: 10.68 min Scan# 1361  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion:127 Resp: 54418  
Ion Ratio Lower Upper  
127 100  
129 30.3 25.0 37.6  
65 35.2 33.3 49.9  
92 20.8 22.8 34.2#

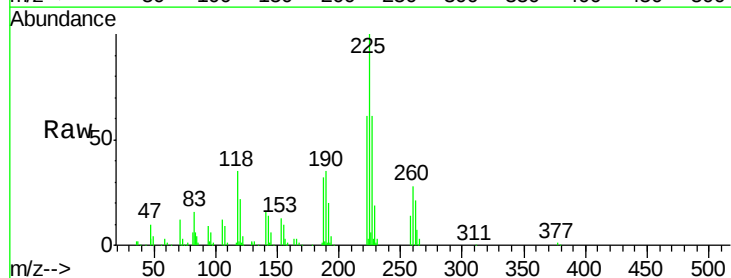


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

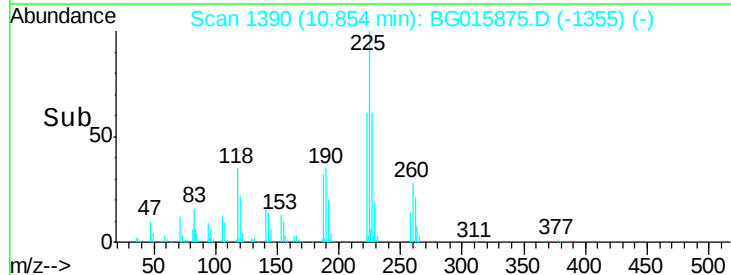
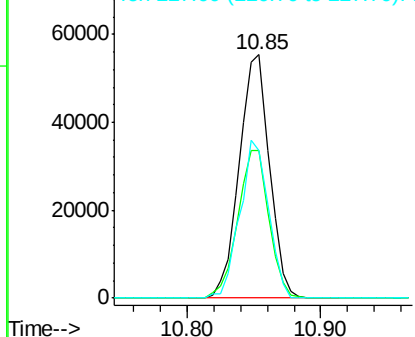


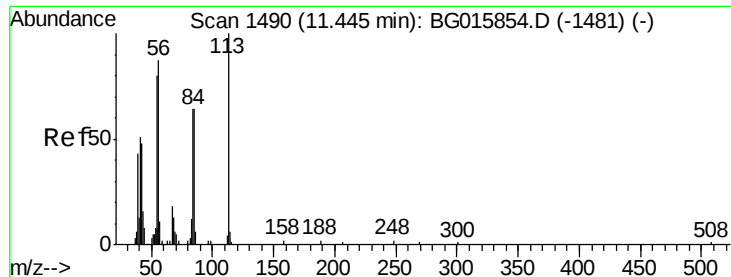
#34  
Hexachlorobutadiene  
Concen: 35.09 ng  
RT: 10.85 min Scan# 1390  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion:225 Resp: 86699  
Ion Ratio Lower Upper  
225 100  
223 60.6 54.6 81.8  
227 63.8 50.4 75.6



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: 34.37 ng

RT: 11.47 min Scan# 1494

Delta R.T. 0.02 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

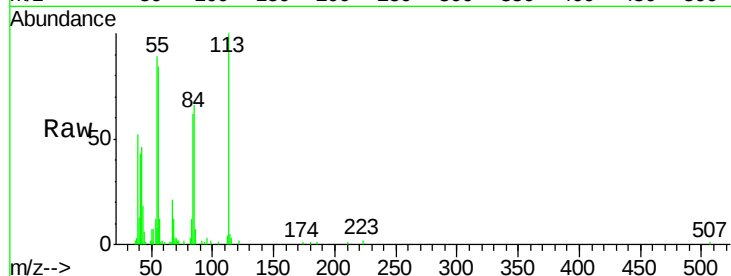
Tgt Ion:113 Resp: 30680

Ion Ratio Lower Upper

113 100

55 89.0 71.3 111.3

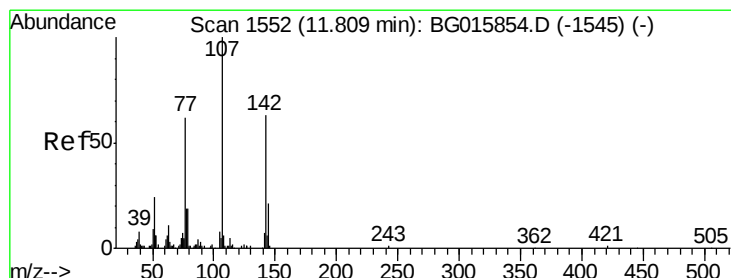
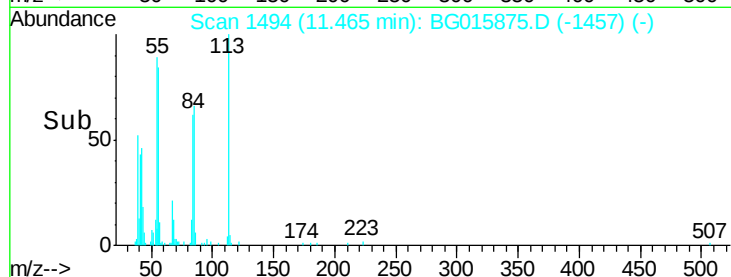
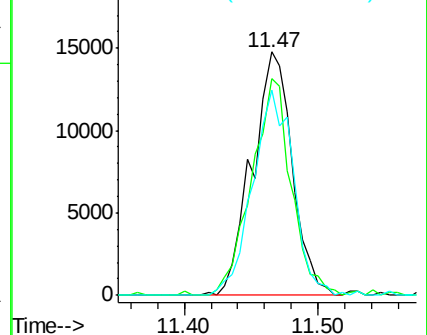
56 84.4 76.0 116.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 38.19 ng

RT: 11.82 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

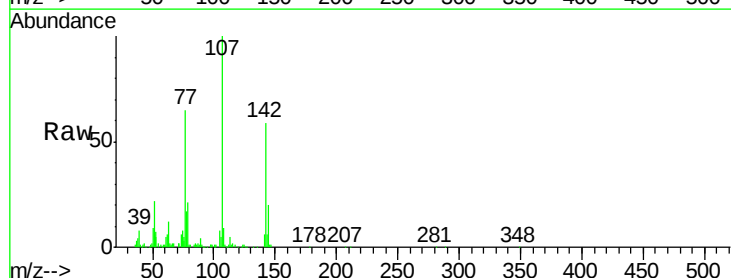
Tgt Ion:107 Resp: 100968

Ion Ratio Lower Upper

107 100

144 20.3 18.2 27.2

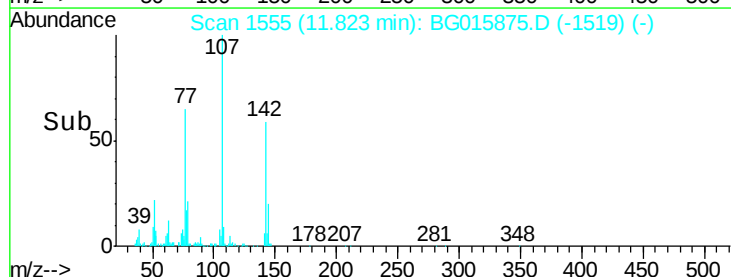
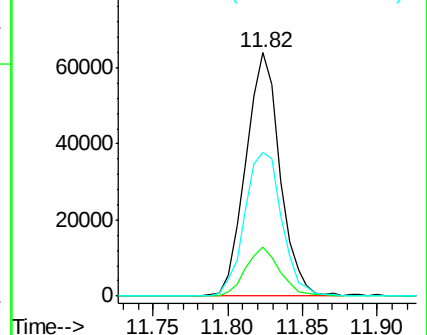
142 59.3 54.7 82.1

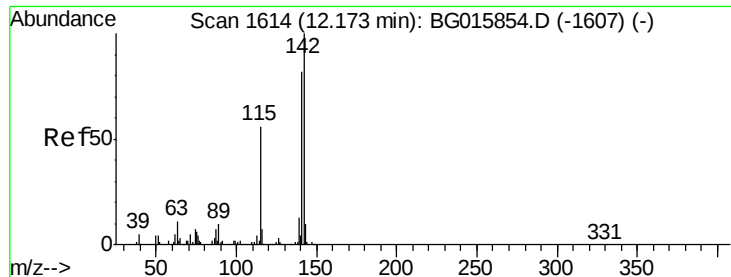


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

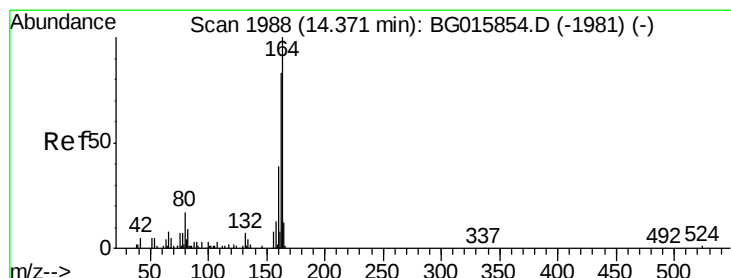
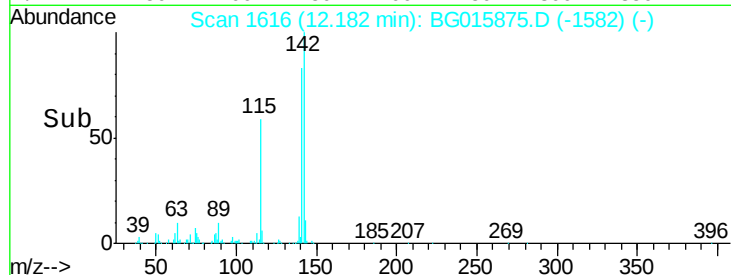
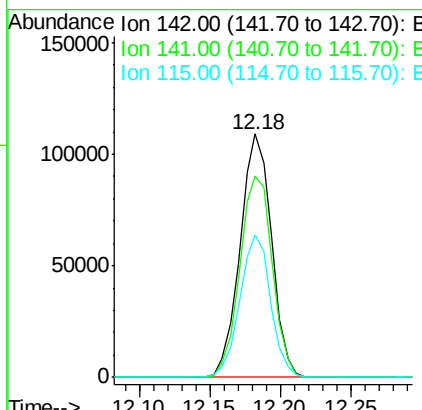
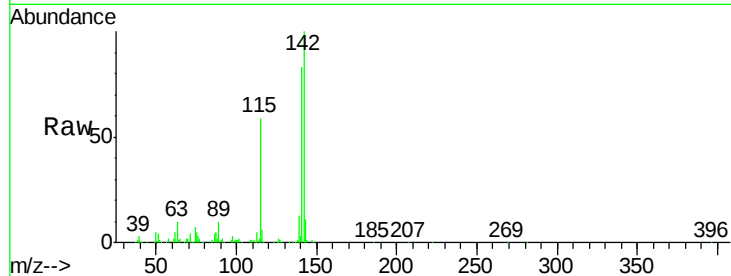




#37  
2-Methylnaphthalene  
Concen: 35.09 ng  
RT: 12.18 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

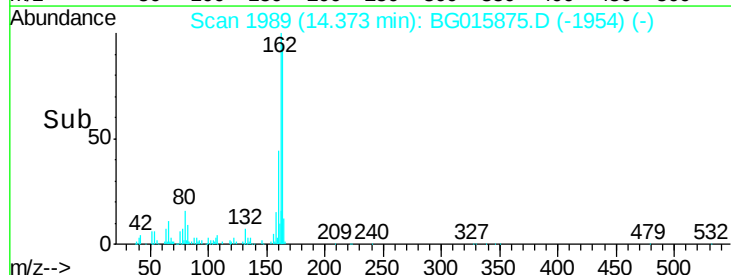
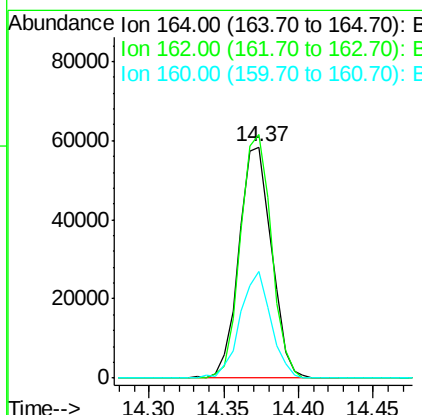
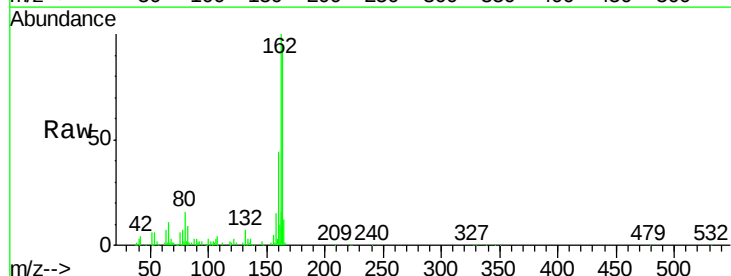
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

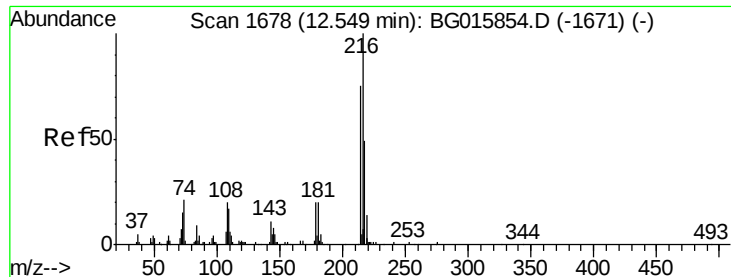
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 82.7  | 67.3  | 100.9 |
| 115     | 58.6  | 44.3  | 66.5  |



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.37 min Scan# 1989  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 105.4 | 75.5  | 113.3 |
| 160     | 46.5  | 37.4  | 56.0  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.96 ng

RT: 12.55 min Scan# 1679

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion:216 Resp: 127879

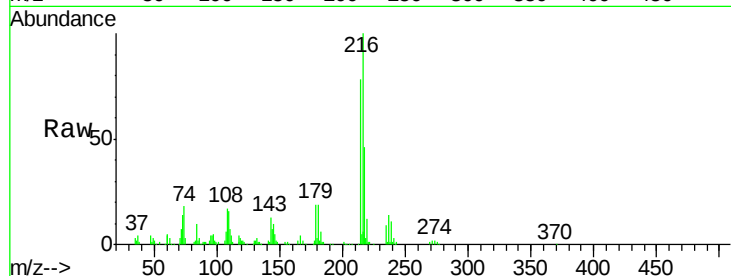
Ion Ratio Lower Upper

216 100

214 81.0 61.5 92.3

179 19.5 15.8 23.8

108 23.7 17.8 26.6

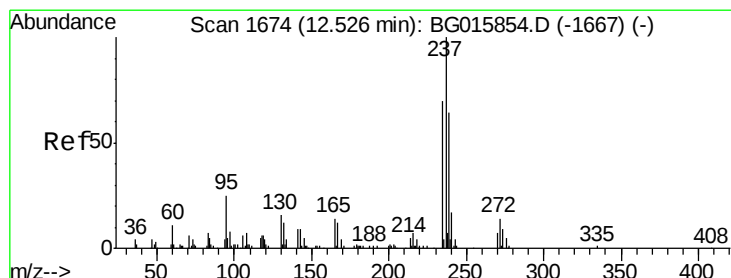
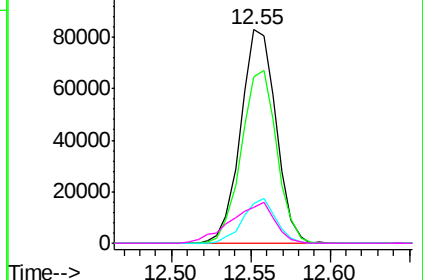
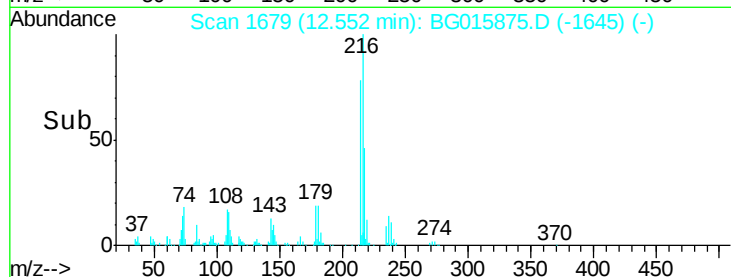


Abundance Ion 216.00 (215.70 to 216.70): E

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: 58.20 ng

RT: 12.53 min Scan# 1676

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

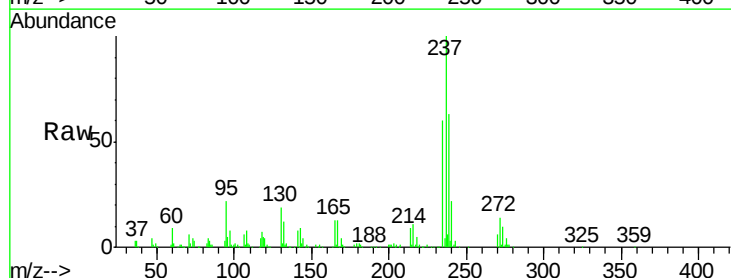
Tgt Ion:237 Resp: 147408

Ion Ratio Lower Upper

237 100

235 59.8 43.2 83.2

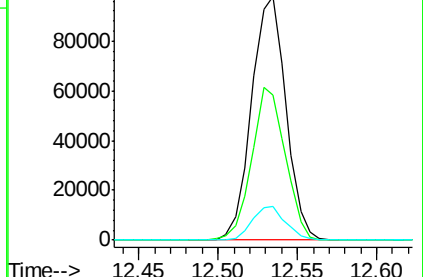
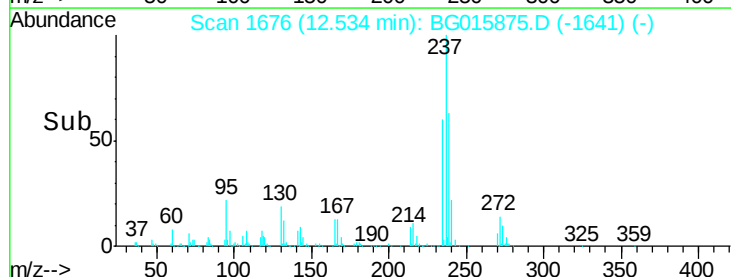
272 14.0 0.0 31.1

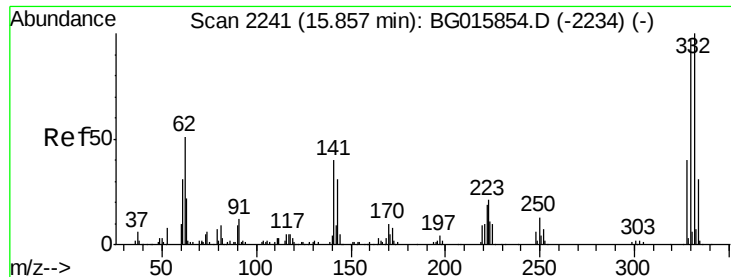


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 62.31 ng

RT: 15.87 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

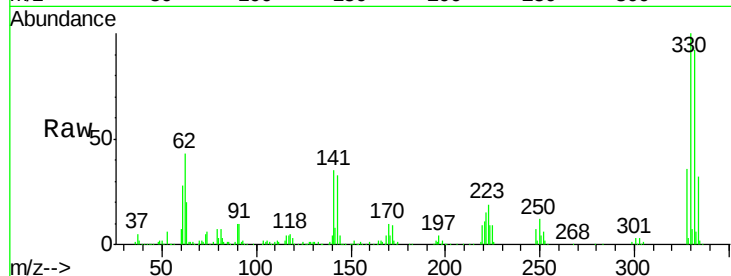
Tgt Ion:330 Resp: 208984

Ion Ratio Lower Upper

330 100

332 95.7 73.8 110.8

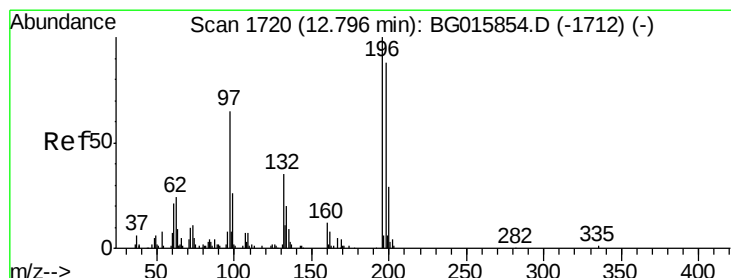
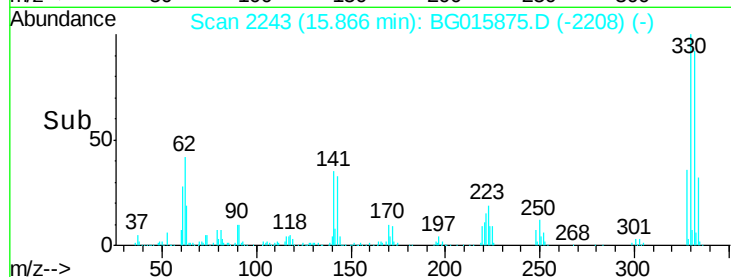
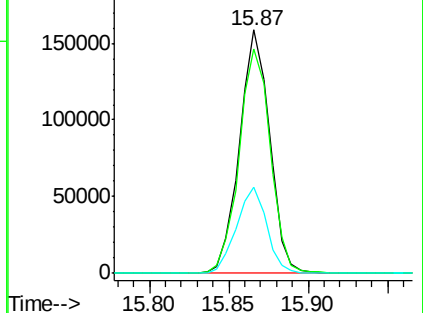
141 35.7 27.2 40.8



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 39.78 ng

RT: 12.80 min Scan# 1722

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

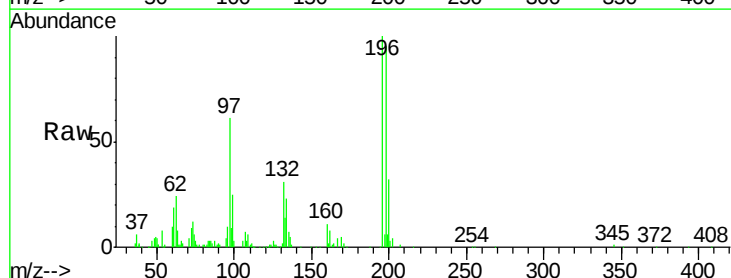
Tgt Ion:196 Resp: 80128

Ion Ratio Lower Upper

196 100

198 94.5 80.2 120.4

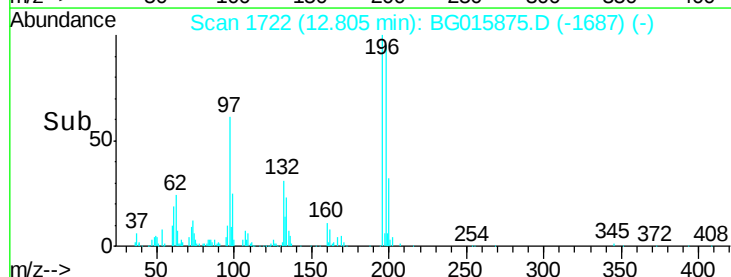
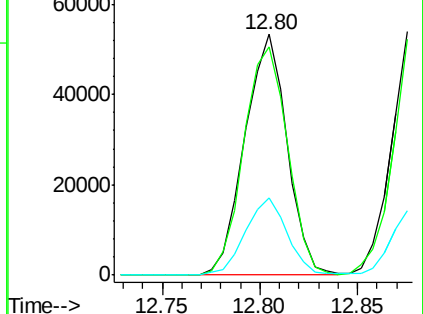
200 32.1 26.7 40.1

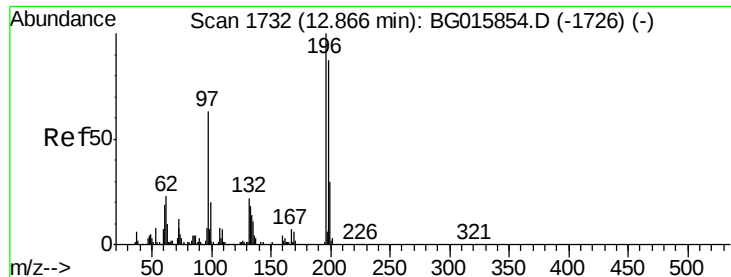


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

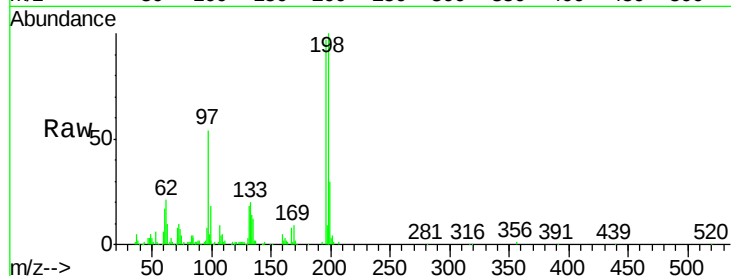




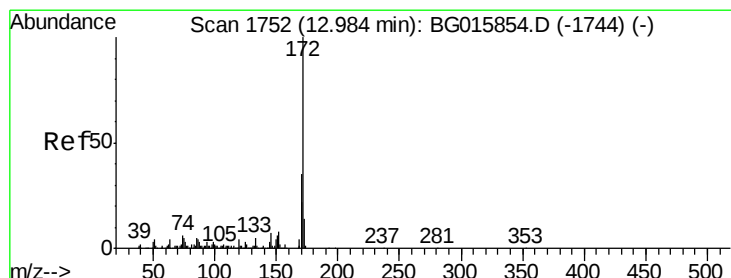
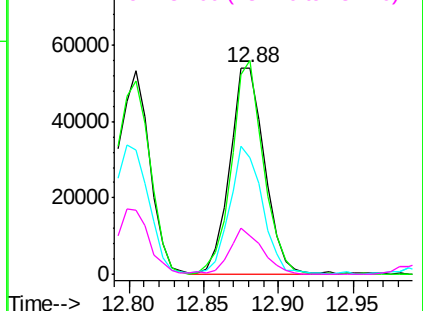
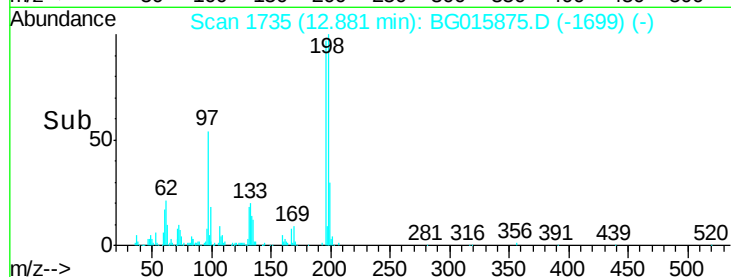
#43  
 2,4,5-Trichlorophenol  
 Concen: 39.98 ng  
 RT: 12.88 min Scan# 1735  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion:196 Resp: 88190  
 Ion Ratio Lower Upper  
 196 100  
 198 103.6 76.2 114.4  
 97 56.4 49.6 74.4  
 132 18.5 18.2 27.2

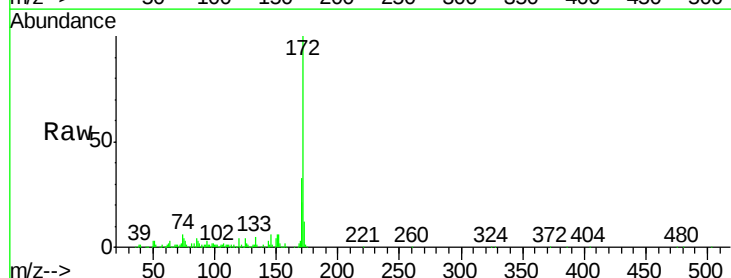


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

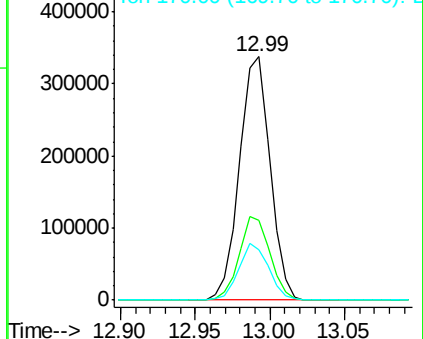
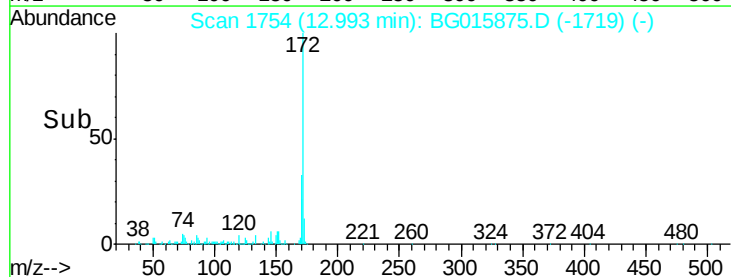


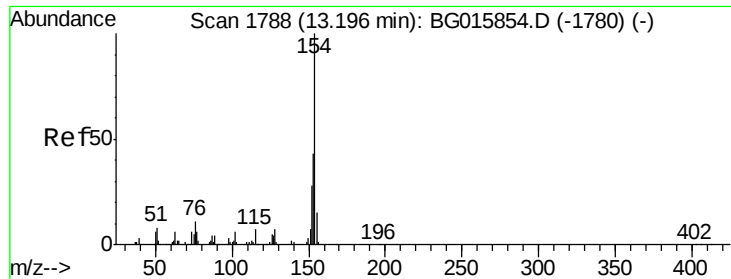
#44  
 2-Fluorobiphenyl  
 Concen: 38.95 ng  
 RT: 12.99 min Scan# 1754  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Tgt Ion:172 Resp: 481129  
 Ion Ratio Lower Upper  
 172 100  
 171 33.0 28.6 43.0  
 170 20.9 18.2 27.4



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

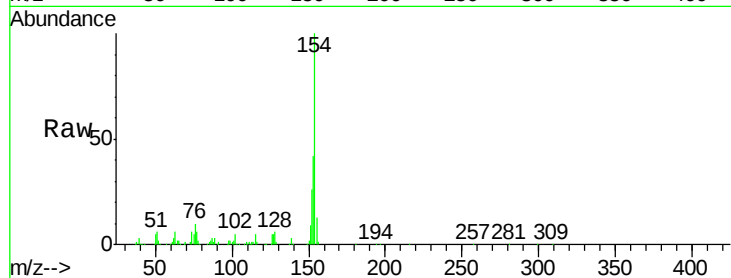




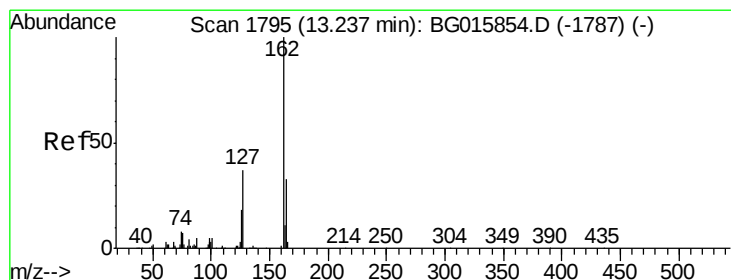
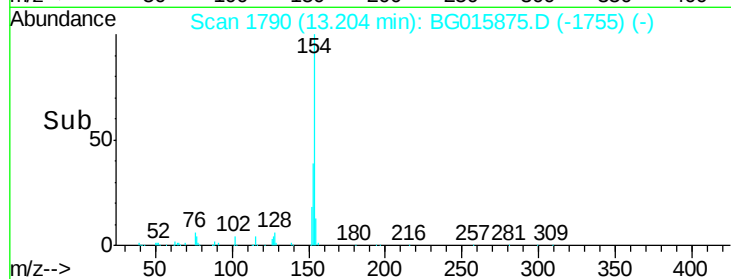
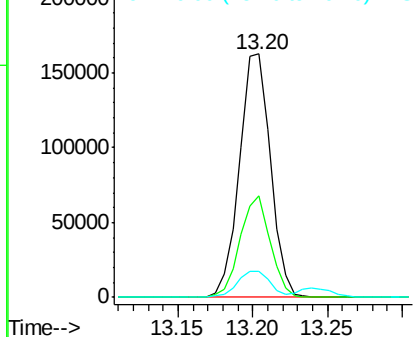
#45  
1,1'-Biphenyl  
Concen: 37.26 ng  
RT: 13.20 min Scan# 1790  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.6  | 20.9  | 60.9  |
| 76      | 10.5  | 0.0   | 30.6  |

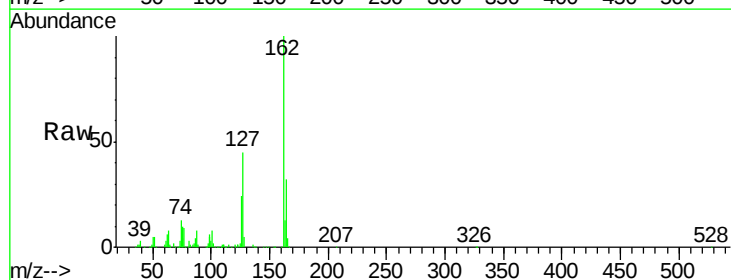


Abundance Ion 154.00 (153.70 to 154.70): E  
Ion 153.00 (152.70 to 153.70): E  
Ion 76.00 (75.70 to 76.70): B

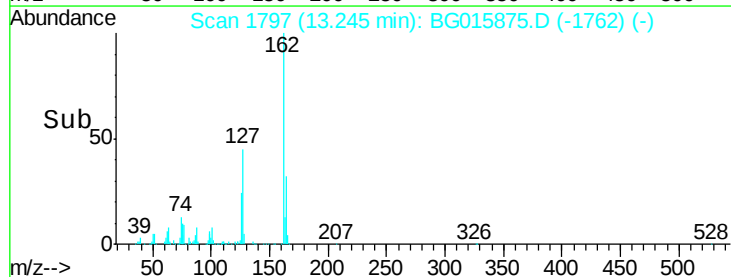
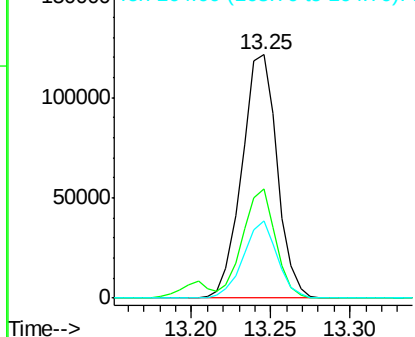


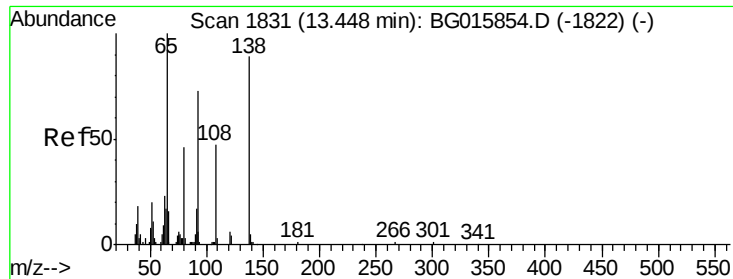
#46  
2-Chloronaphthalene  
Concen: 37.24 ng  
RT: 13.25 min Scan# 1797  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 44.8  | 35.5  | 53.3  |
| 164     | 31.7  | 26.1  | 39.1  |



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

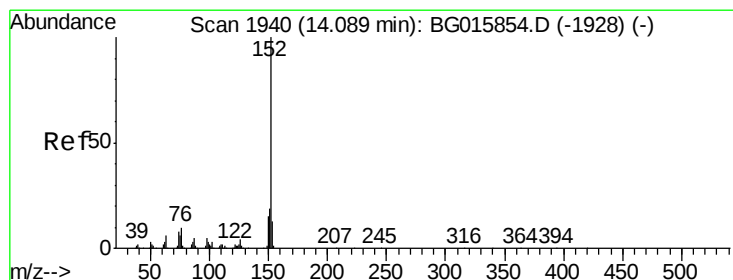
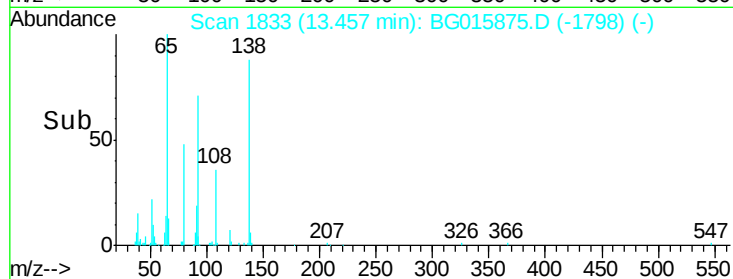
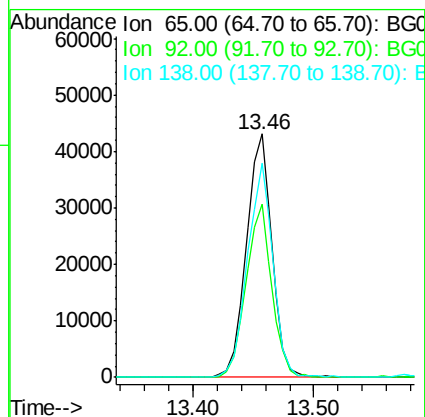
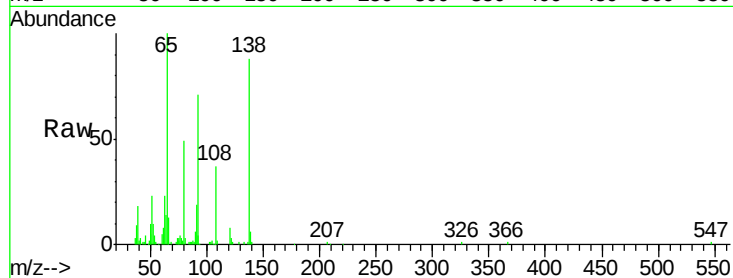




#47  
2-Nitroaniline  
Concen: 38.68 ng  
RT: 13.46 min Scan# 1833  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

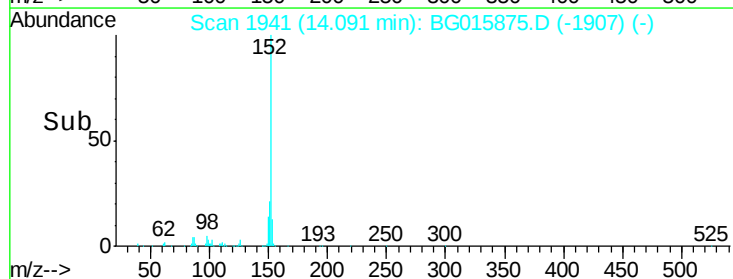
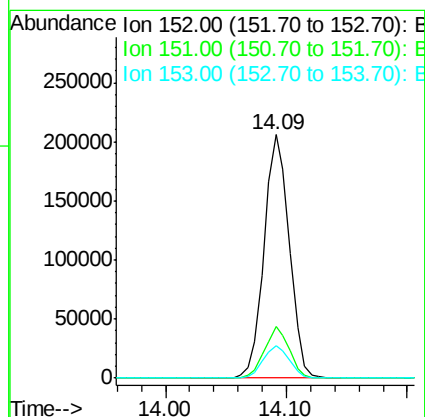
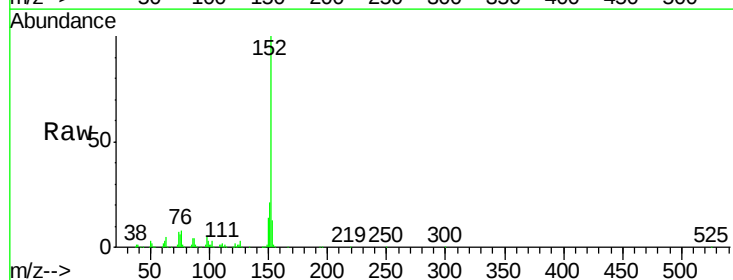
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

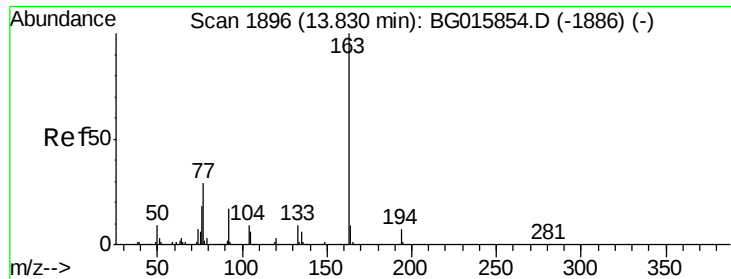
Tgt Ion: 65 Resp: 63504  
Ion Ratio Lower Upper  
65 100  
92 71.1 54.6 81.8  
138 88.0 68.4 102.6



#48  
Acenaphthylene  
Concen: 34.62 ng  
RT: 14.09 min Scan# 1941  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion: 152 Resp: 297233  
Ion Ratio Lower Upper  
152 100  
151 21.1 17.1 25.7  
153 13.3 11.3 16.9





#49

Dimethylphthalate

Concen: 42.09 ng

RT: 13.83 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

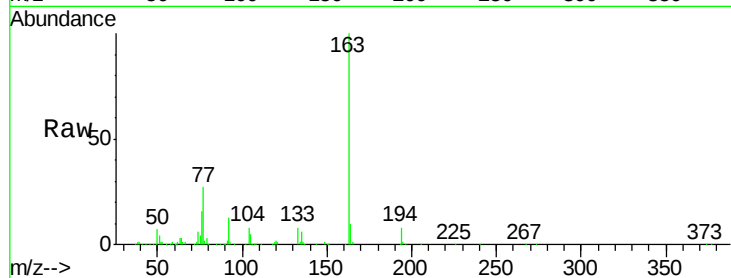
Tgt Ion:163 Resp: 274009

Ion Ratio Lower Upper

163 100

194 8.0 6.7 10.1

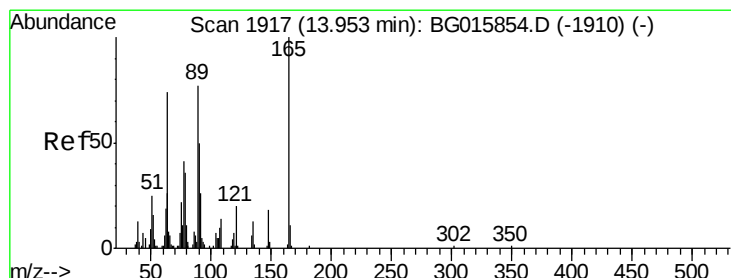
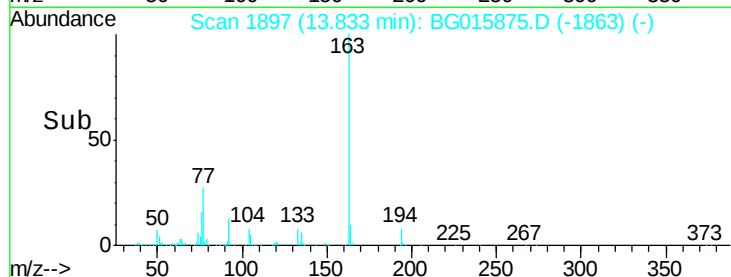
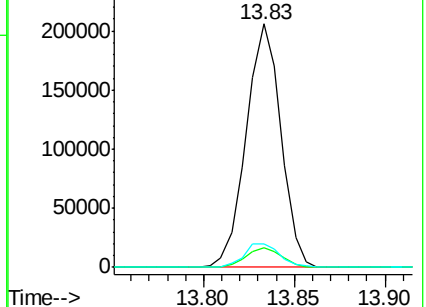
164 9.7 7.4 11.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.51 ng

RT: 13.95 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

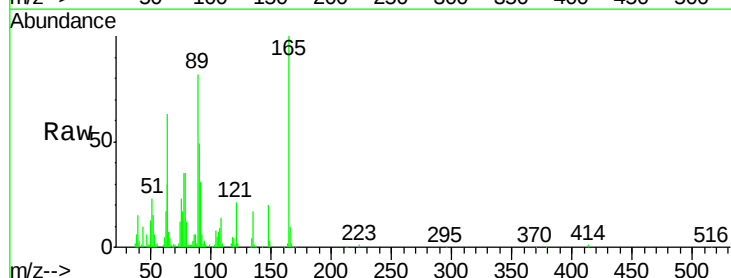
Tgt Ion:165 Resp: 55464

Ion Ratio Lower Upper

165 100

63 63.2 55.9 83.9

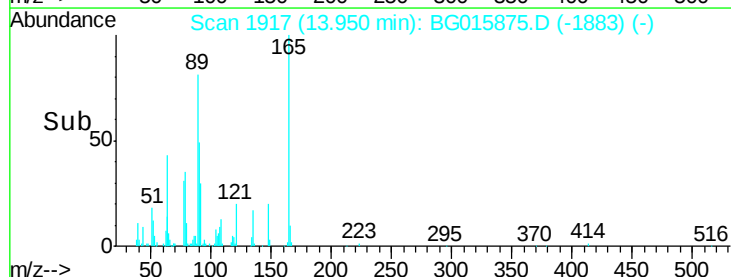
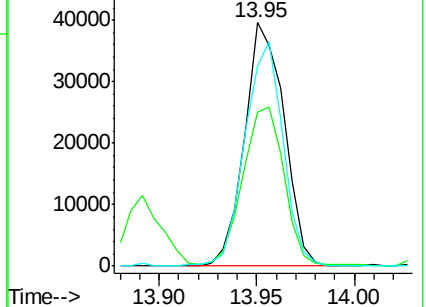
89 82.1 69.4 104.2

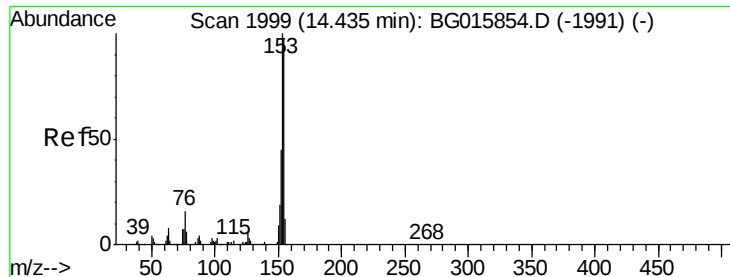


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 36.54 ng

RT: 14.44 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

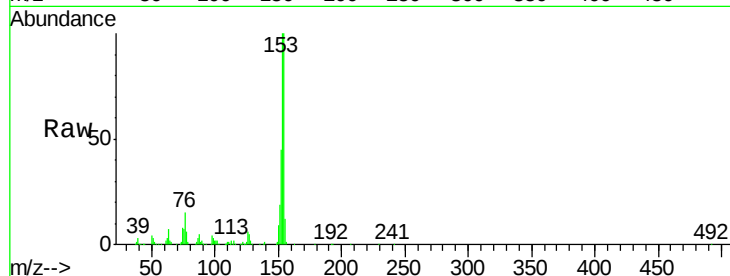
Tgt Ion:154 Resp: 184281

Ion Ratio Lower Upper

154 100

153 99.7 94.1 141.1

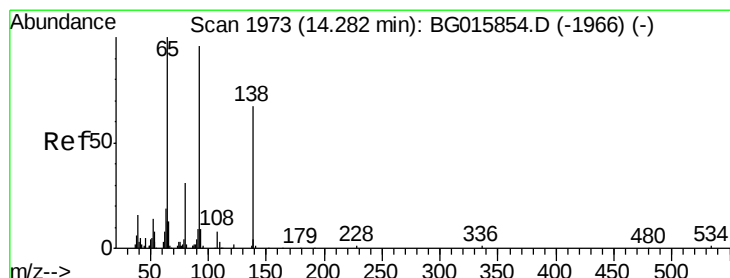
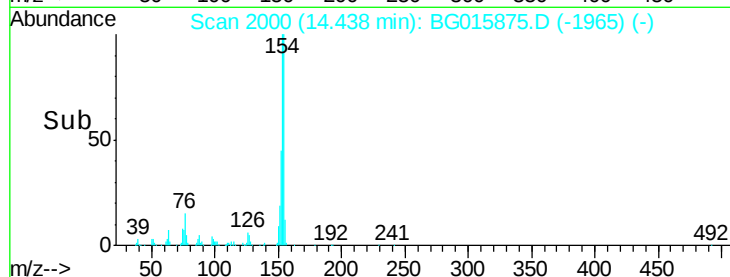
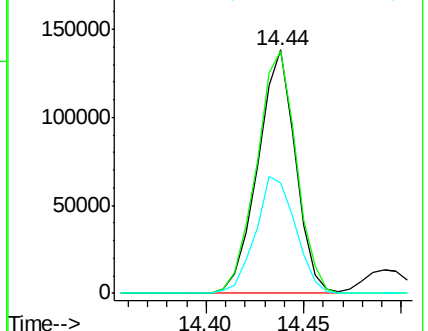
152 45.5 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 31.27 ng

RT: 14.29 min Scan# 1974

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

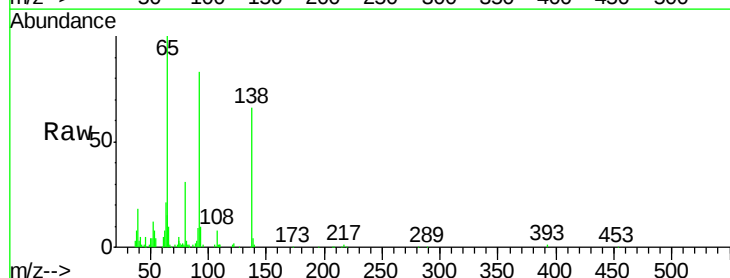
Tgt Ion:138 Resp: 41759

Ion Ratio Lower Upper

138 100

108 13.5 11.9 17.9

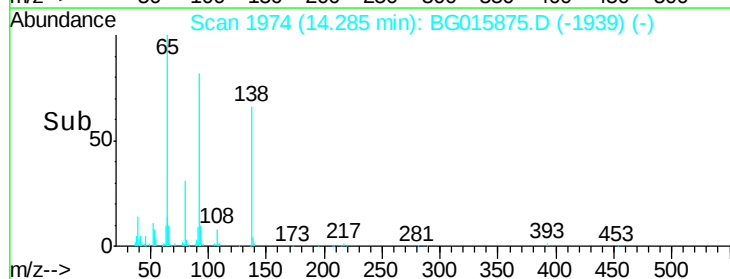
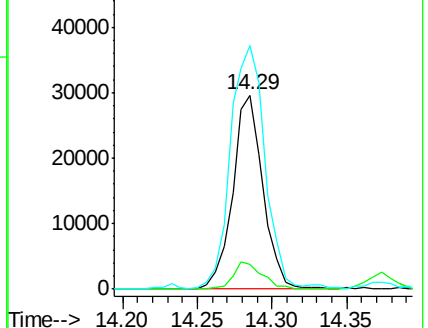
92 125.5 103.7 155.5

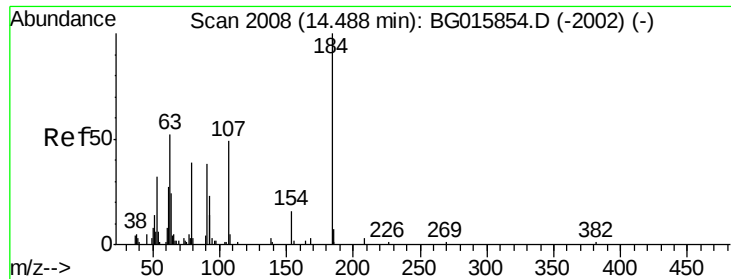


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

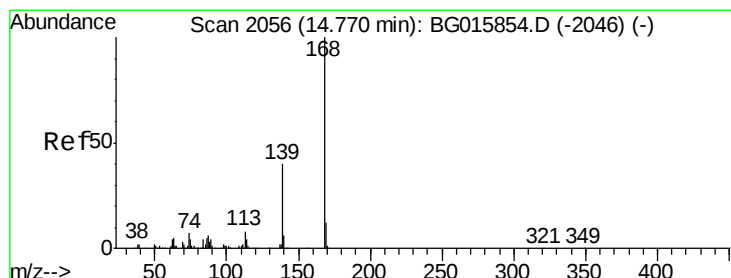
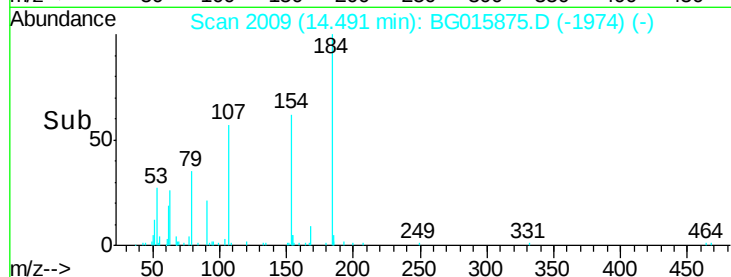
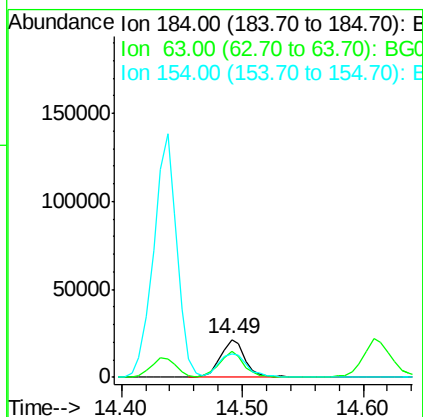
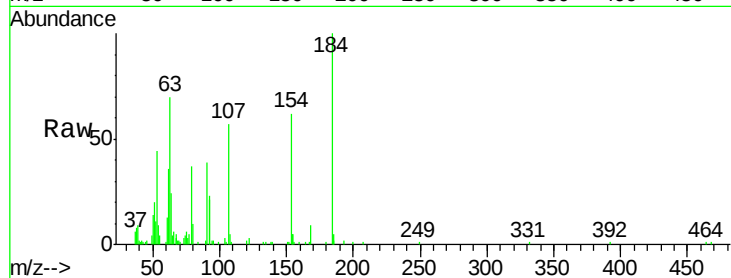




#53  
2,4-Dinitrophenol  
Concen: 36.28 ng  
RT: 14.49 min Scan# 2009  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

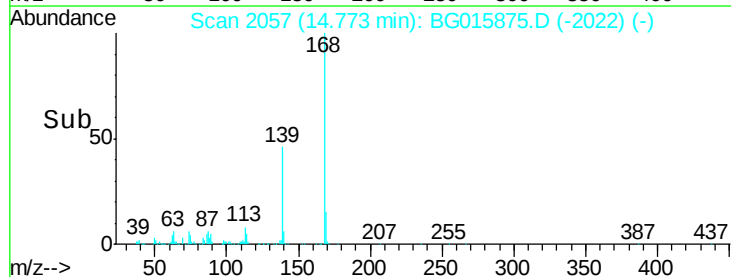
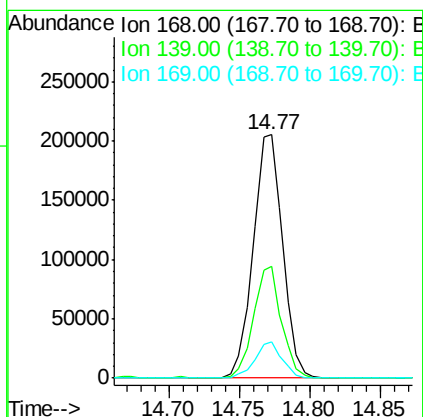
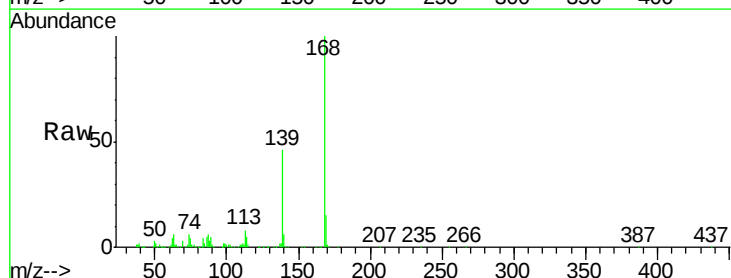
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

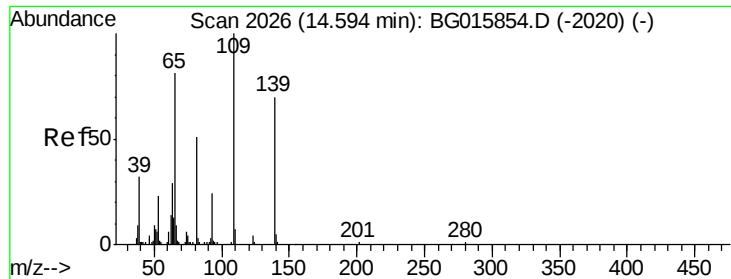
Tgt Ion:184 Resp: 30543  
Ion Ratio Lower Upper  
184 100  
63 70.3 47.3 70.9  
154 67.0 56.9 85.3



#54  
Dibenzofuran  
Concen: 36.74 ng  
RT: 14.77 min Scan# 2057  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion:168 Resp: 300529  
Ion Ratio Lower Upper  
168 100  
139 45.8 34.3 51.5  
169 14.8 10.9 16.3





#55

4-Nitrophenol

Concen: 70.29 ng

RT: 14.61 min Scan# 2030

Delta R.T. 0.02 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

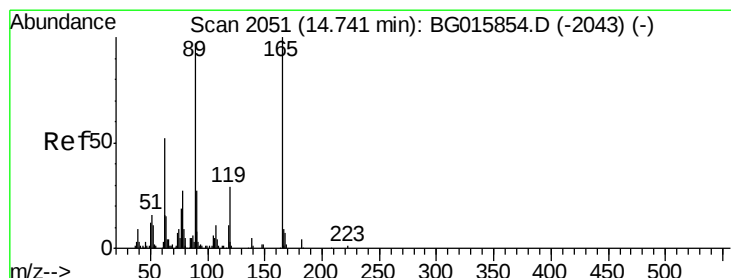
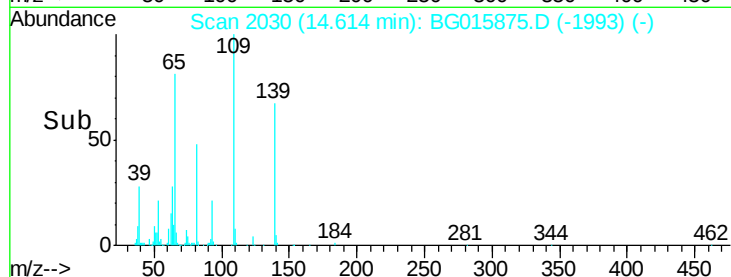
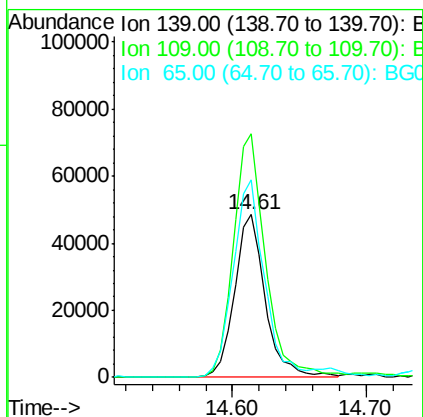
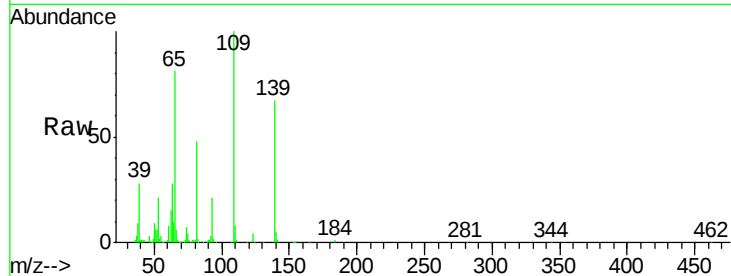
Tgt Ion:139 Resp: 77319

Ion Ratio Lower Upper

139 100

109 149.8 144.0 184.0

65 121.5 115.4 155.4



#56

2,4-Dinitrotoluene

Concen: 37.86 ng

RT: 14.74 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Tgt Ion:165 Resp: 76561

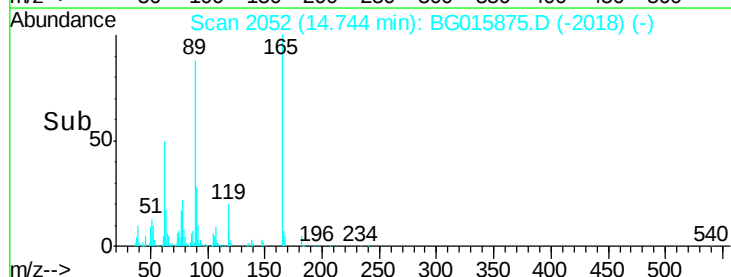
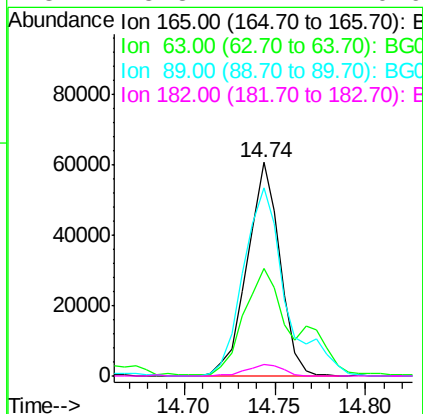
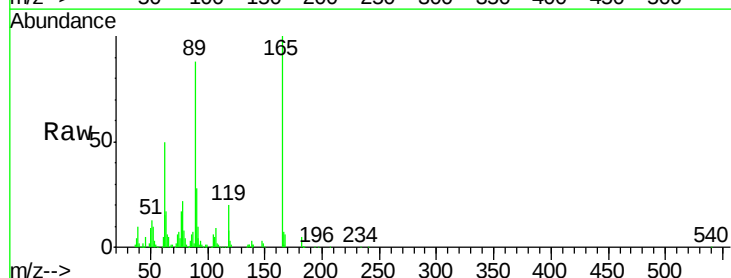
Ion Ratio Lower Upper

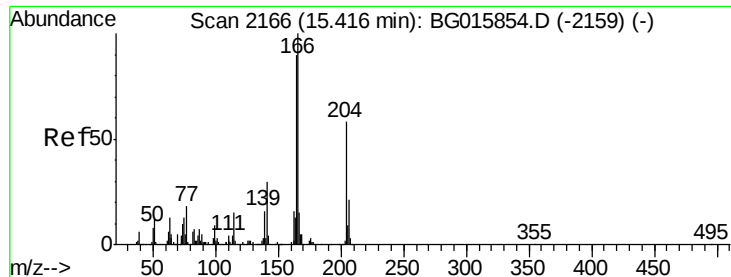
165 100

63 50.4 37.9 56.9

89 88.0 78.9 118.3

182 5.8 4.4 6.6





#57

Fluorene

Concen: 35.58 ng

RT: 15.42 min Scan# 2167

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

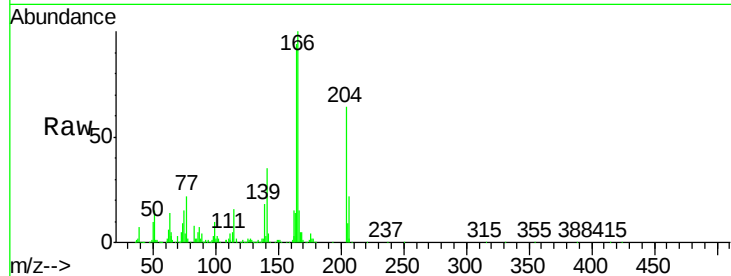
Tgt Ion:166 Resp: 237213

Ion Ratio Lower Upper

166 100

165 93.8 77.7 116.5

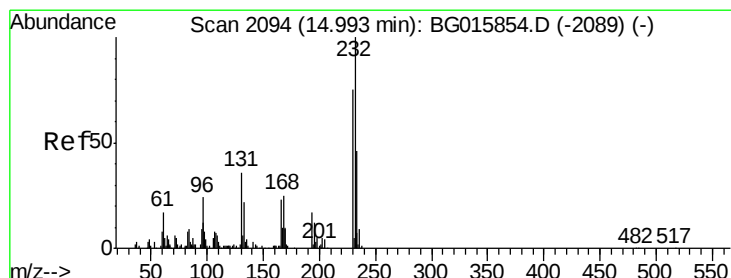
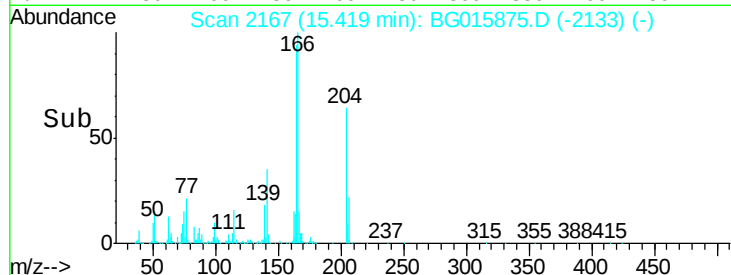
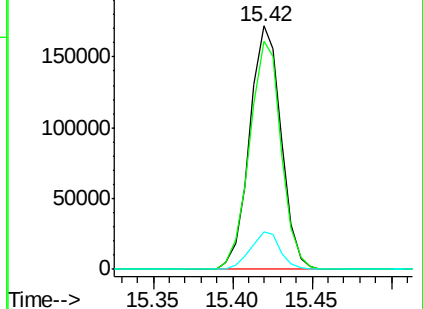
167 15.5 11.2 16.8



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: 36.65 ng

RT: 15.00 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Tgt Ion:232 Resp: 91204

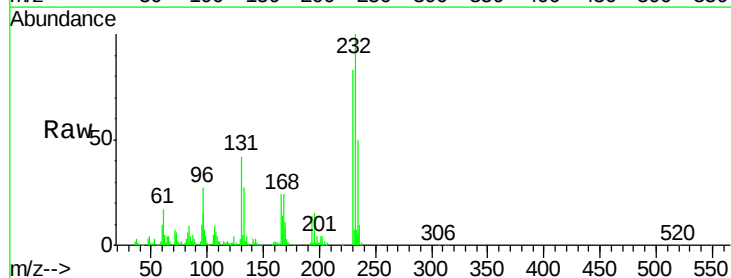
Ion Ratio Lower Upper

232 100

131 37.7 31.3 46.9

130 3.1 2.2 3.4

166 23.5 19.5 29.3

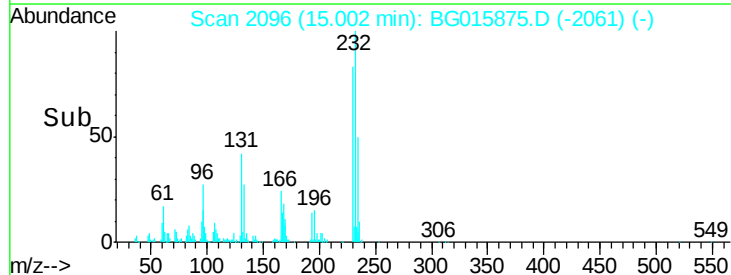
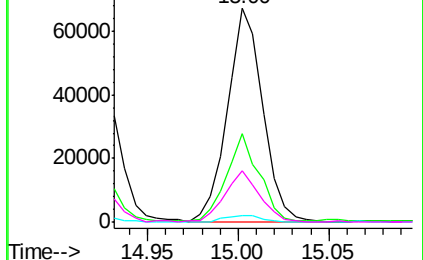


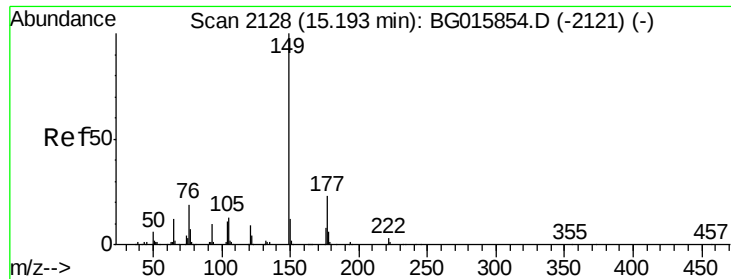
Abundance Ion 232.00 (231.70 to 232.70): E

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

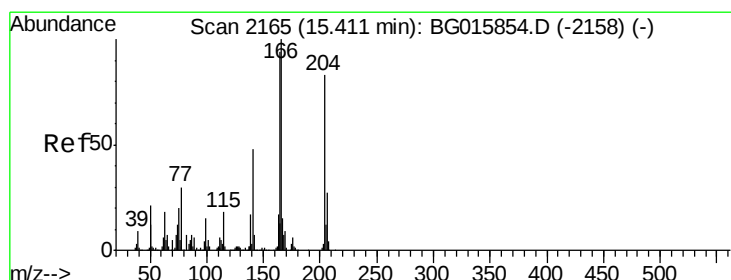
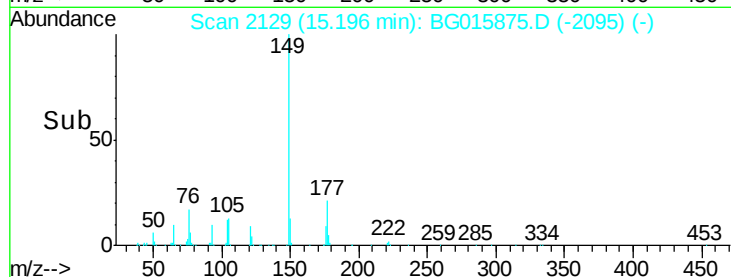
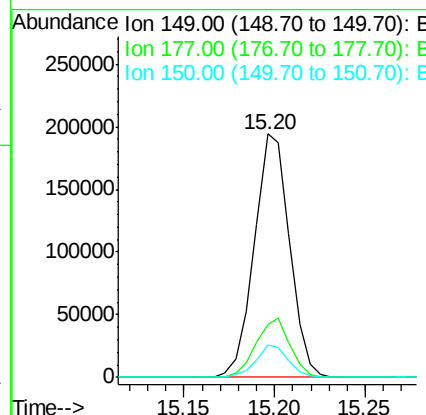
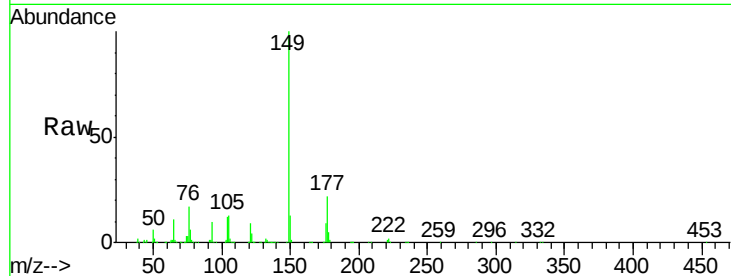




#59  
Diethylphthalate  
Concen: 36.45 ng  
RT: 15.20 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

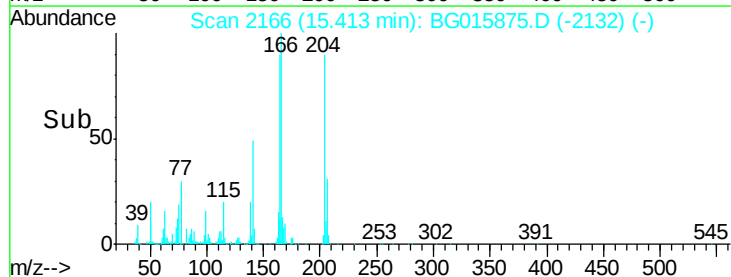
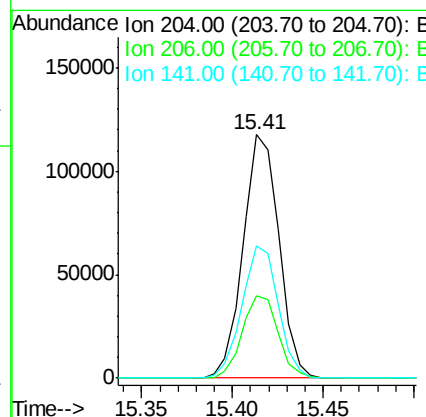
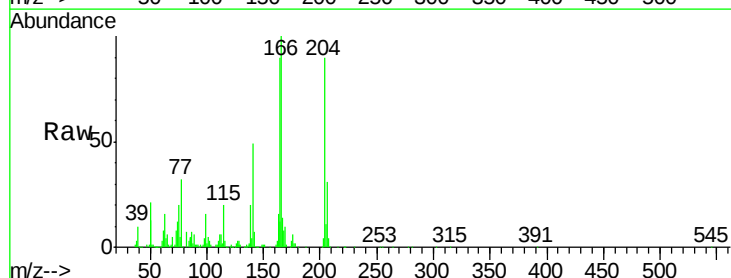
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

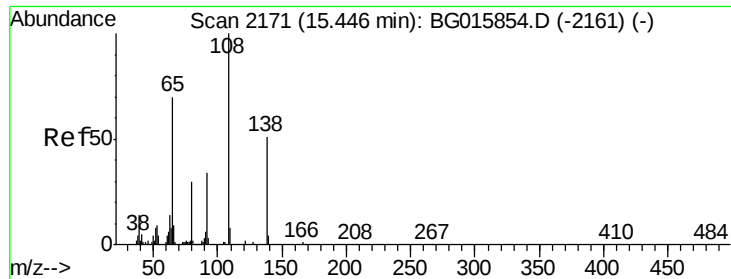
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 21.6  | 18.2  | 27.4  |
| 150     | 13.1  | 10.0  | 15.0  |



#60  
4-Chlorophenyl-phenylether  
Concen: 37.02 ng  
RT: 15.41 min Scan# 2166  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 33.8  | 28.2  | 42.4  |
| 141     | 54.3  | 41.1  | 61.7  |





#61

4-Nitroaniline

Concen: 31.70 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

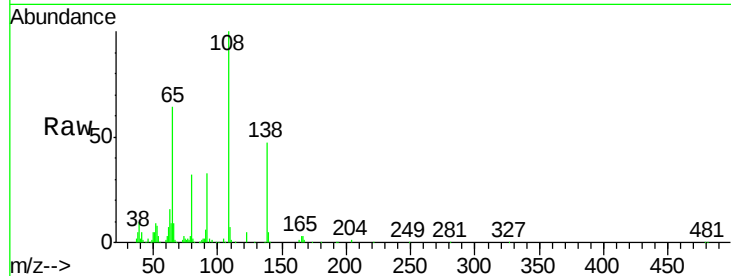
Tgt Ion:138 Resp: 49766

Ion Ratio Lower Upper

138 100

92 70.9 42.2 82.2

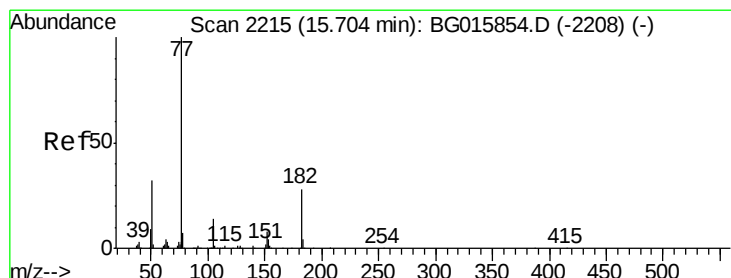
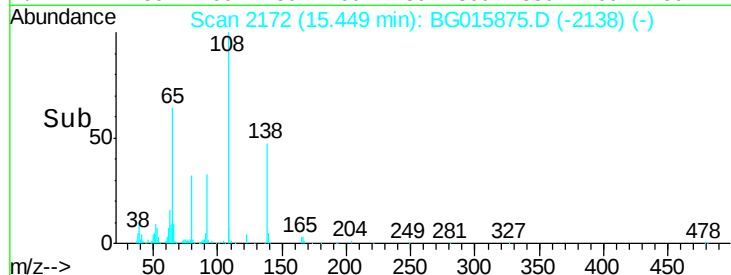
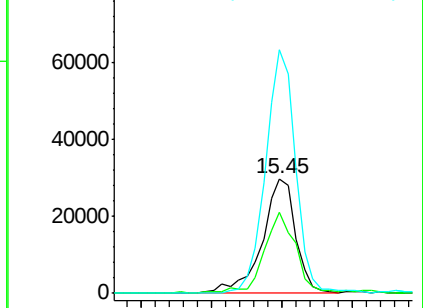
108 212.5 147.2 187.2#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 36.71 ng

RT: 15.71 min Scan# 2216

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Tgt Ion: 77 Resp: 284419

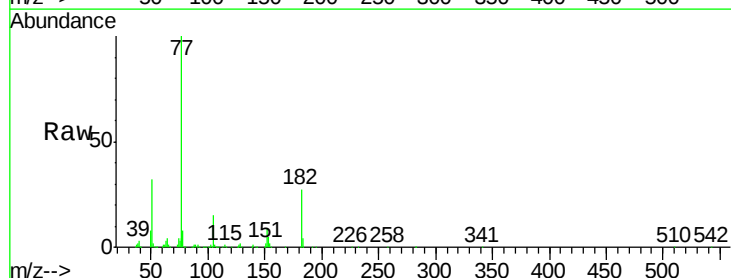
Ion Ratio Lower Upper

77 100

182 26.8 7.7 47.7

105 15.2 0.0 35.1

51 32.3 10.6 50.6

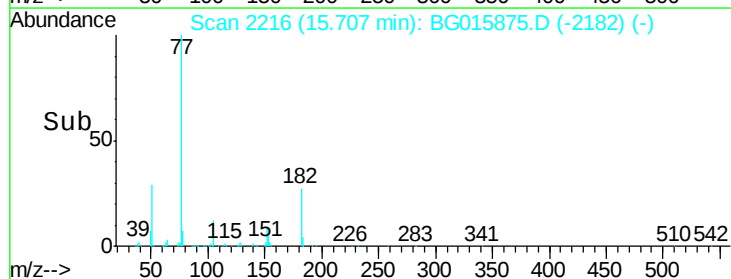
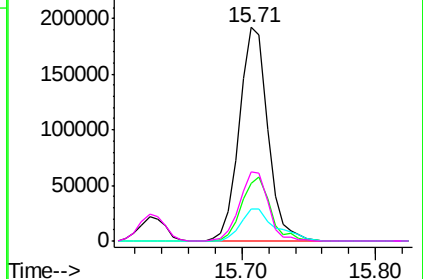


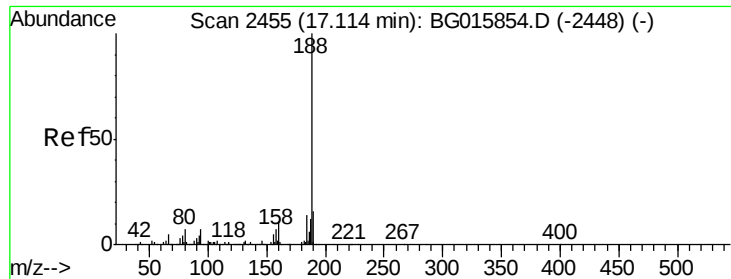
Abundance Ion 77.00 (76.70 to 77.70): BGC

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): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.12 min Scan# 2456

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

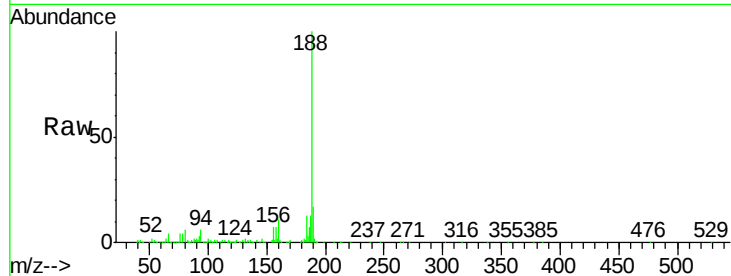
Tgt Ion:188 Resp: 213679

Ion Ratio Lower Upper

188 100

94 5.7 5.4 8.0

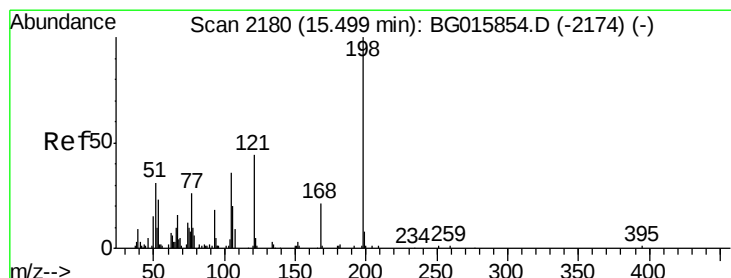
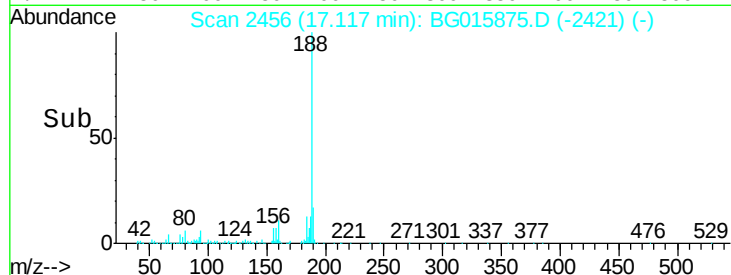
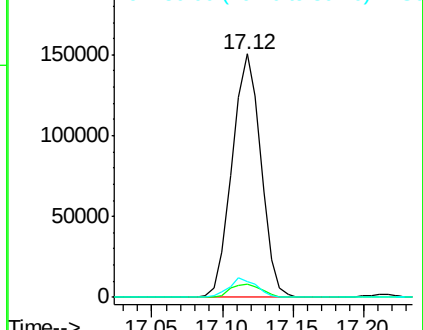
80 6.4 6.6 9.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 21.88 ng

RT: 15.51 min Scan# 2182

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

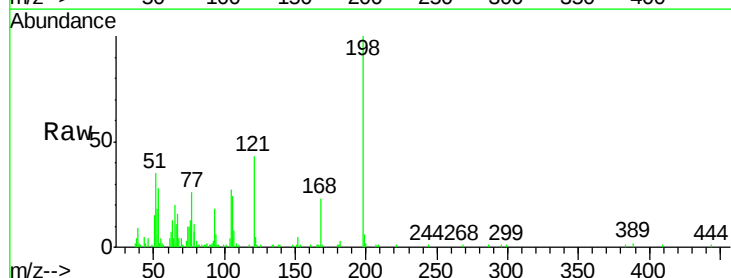
Tgt Ion:198 Resp: 31157

Ion Ratio Lower Upper

198 100

51 34.7 13.6 53.6

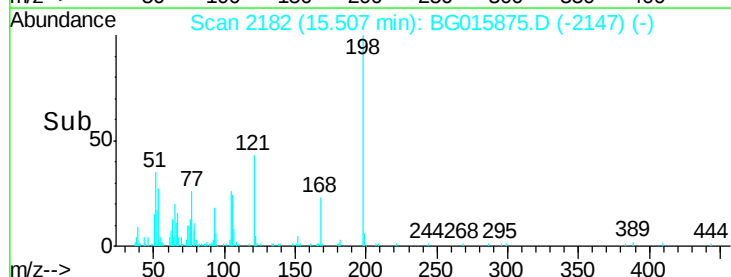
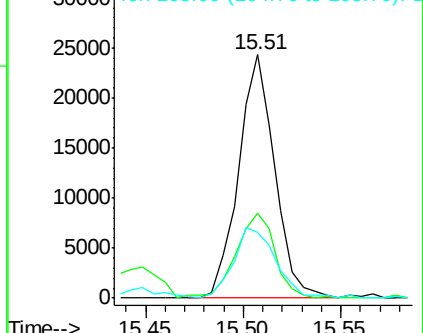
105 26.8 17.9 57.9

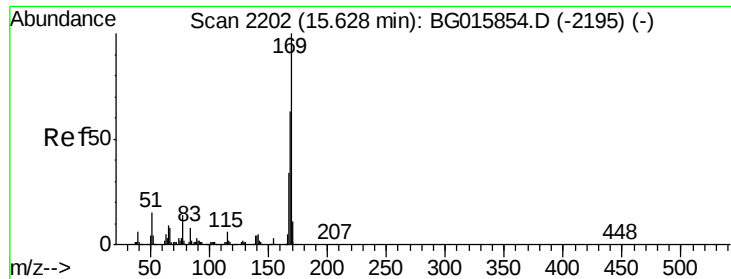


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 37.64 ng

RT: 15.64 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

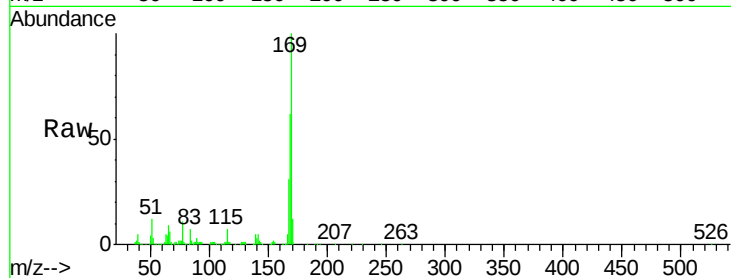
Tgt Ion:169 Resp: 231297

Ion Ratio Lower Upper

169 100

168 61.8 52.7 79.1

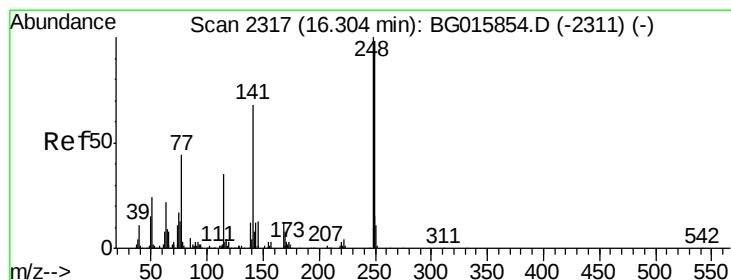
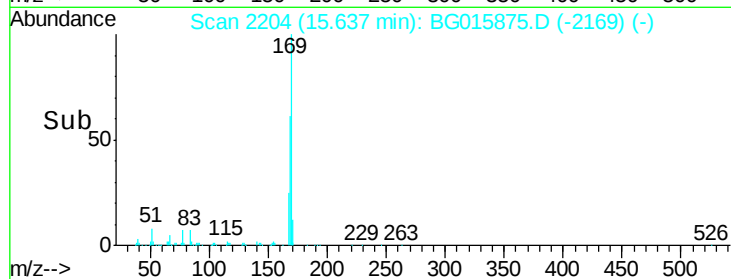
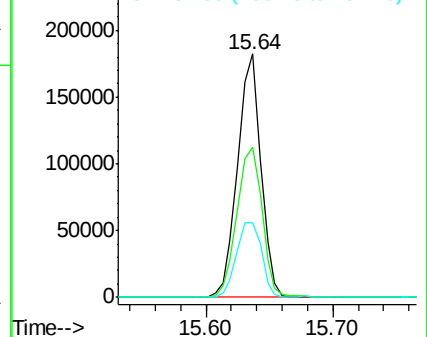
167 30.9 29.3 43.9



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: 38.16 ng

RT: 16.31 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

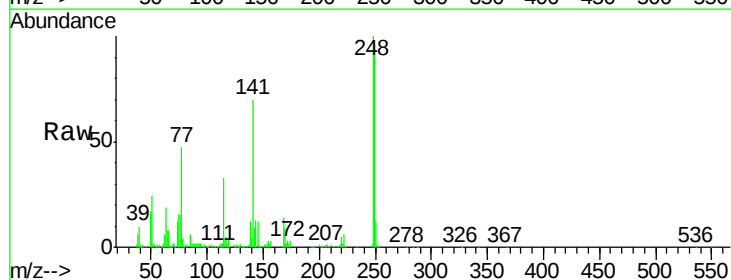
Tgt Ion:248 Resp: 111842

Ion Ratio Lower Upper

248 100

250 96.4 83.5 125.3

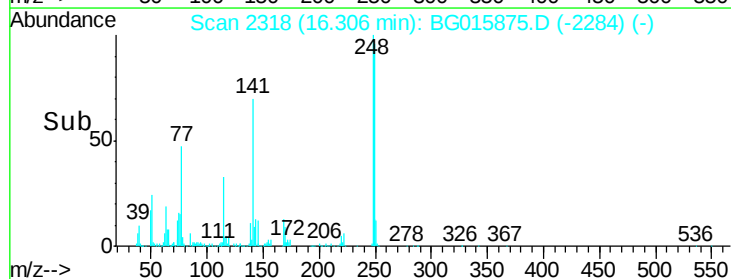
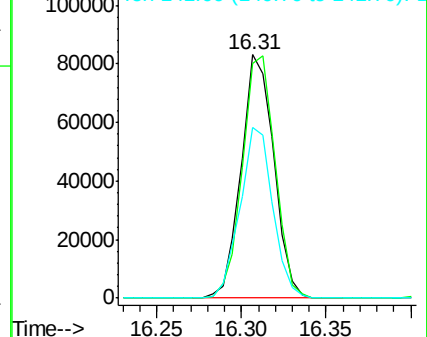
141 70.1 58.1 87.1

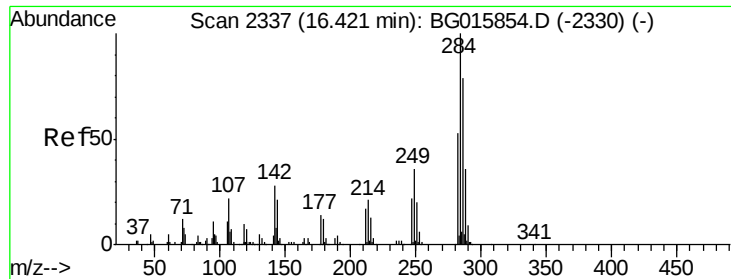


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

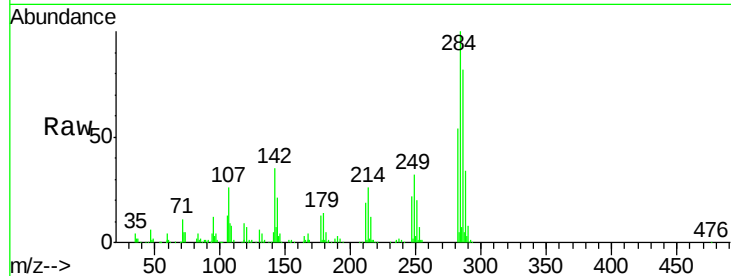




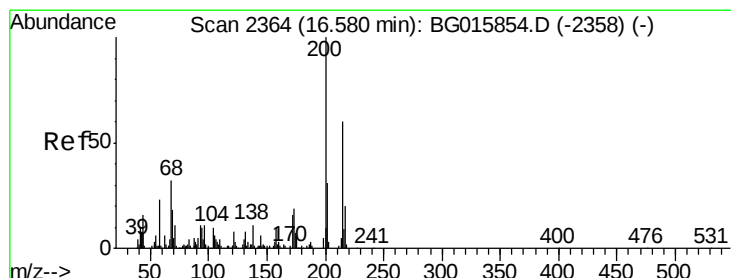
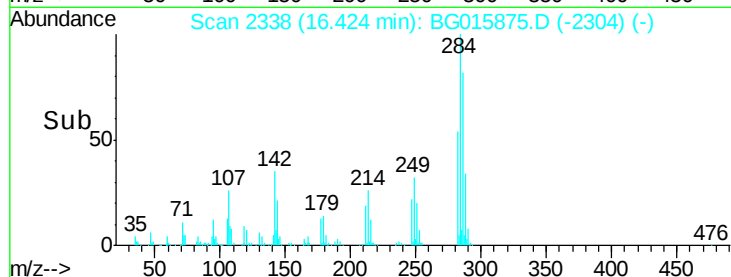
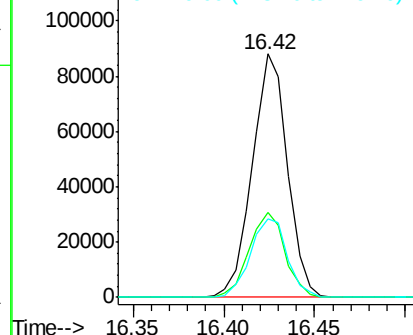
#67  
Hexachlorobenzene  
Concen: 35.63 ng  
RT: 16.42 min Scan# 2338  
Delta R.T. -0.00 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion: 284 Resp: 118214  
Ion Ratio Lower Upper  
284 100  
142 35.1 26.1 39.1  
249 32.5 26.0 39.0

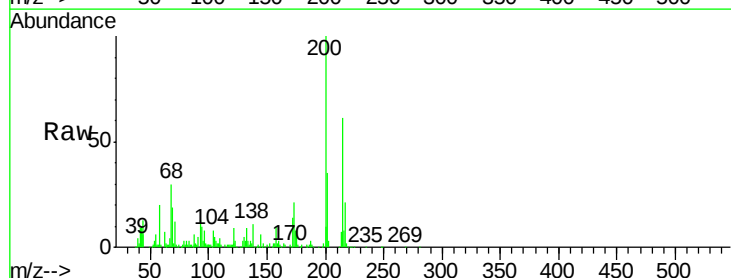


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

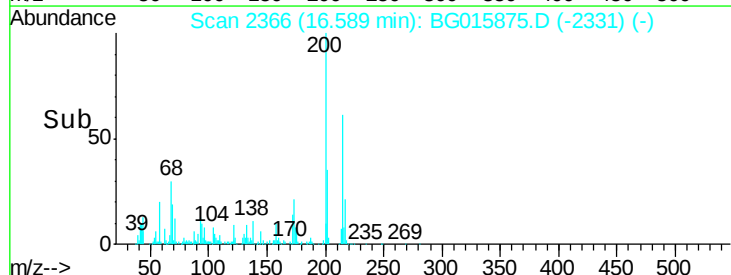
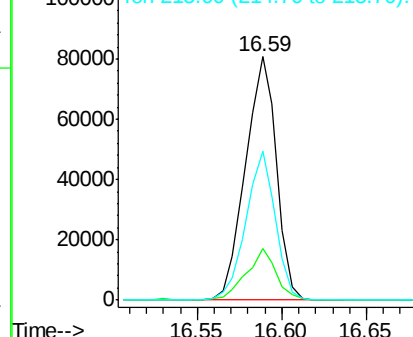


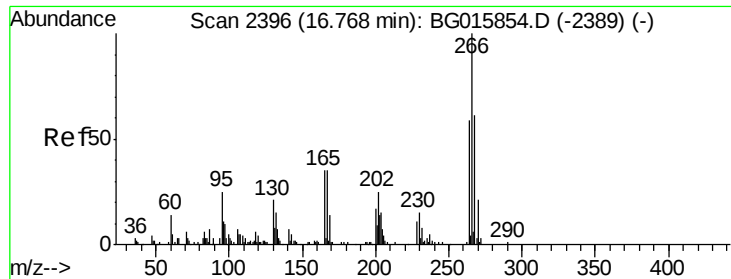
#68  
Atrazine  
Concen: 37.59 ng  
RT: 16.59 min Scan# 2366  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

Tgt Ion: 200 Resp: 103189  
Ion Ratio Lower Upper  
200 100  
173 21.4 1.1 41.1  
215 61.0 35.6 75.6



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

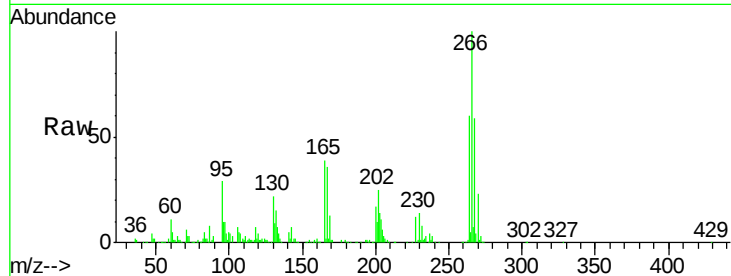




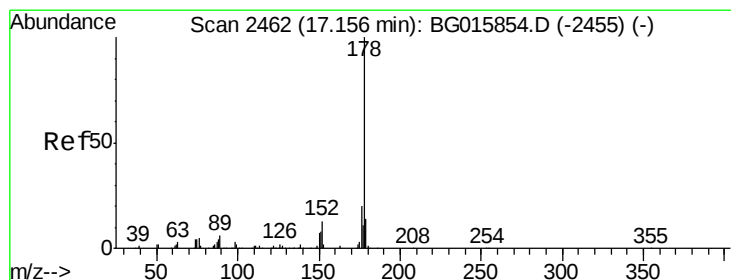
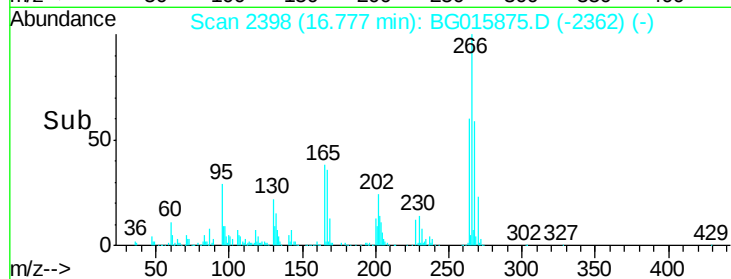
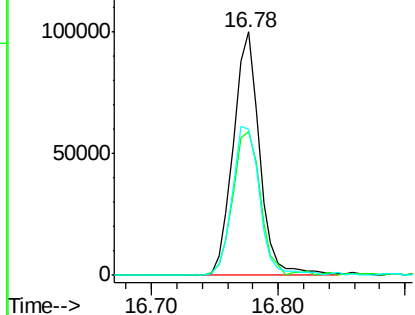
#69  
 Pentachlorophenol  
 Concen: 67.05 ng  
 RT: 16.78 min Scan# 2398  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion:266 Resp: 142947  
 Ion Ratio Lower Upper  
 266 100  
 268 62.8 50.2 75.2  
 264 59.9 48.2 72.2

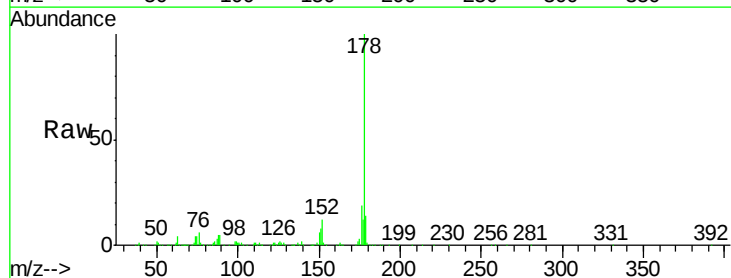


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

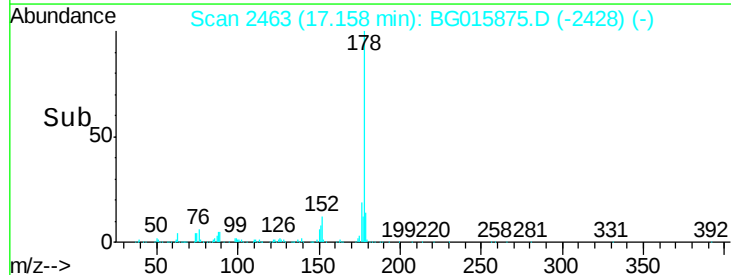
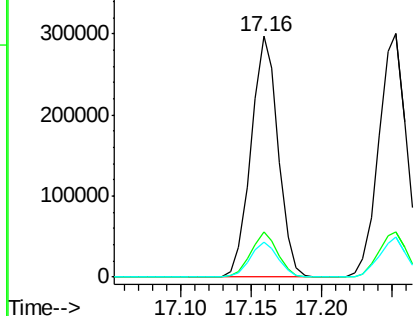


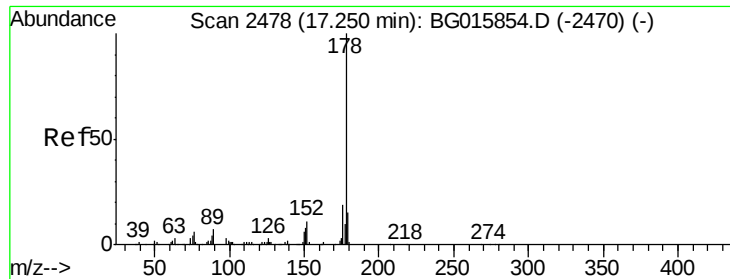
#70  
 Phenanthrene  
 Concen: 35.19 ng  
 RT: 17.16 min Scan# 2463  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Tgt Ion:178 Resp: 400267  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 14.5 21.7  
 179 14.4 12.6 19.0



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

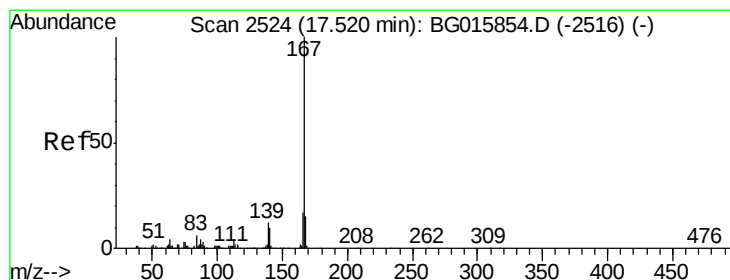
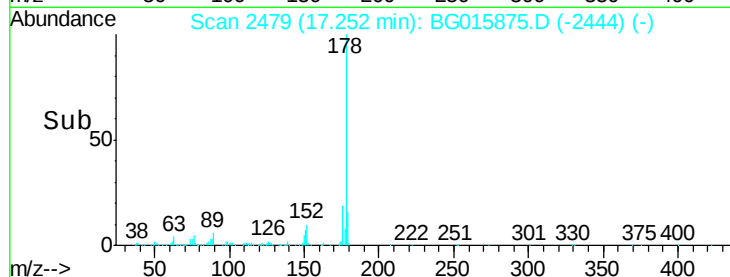
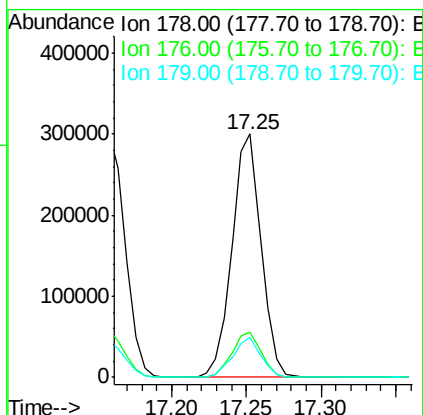
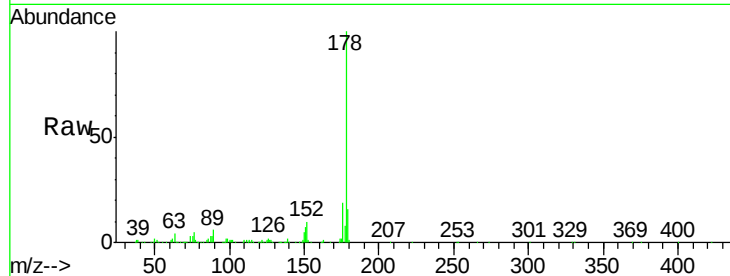




#71  
 Anthracene  
 Concen: 36.18 ng  
 RT: 17.25 min Scan# 2479  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

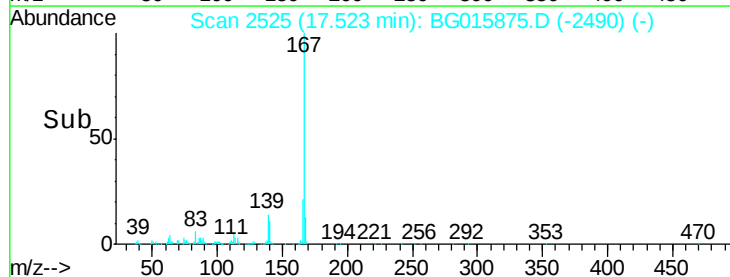
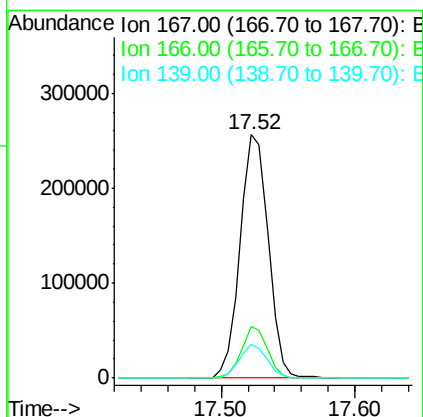
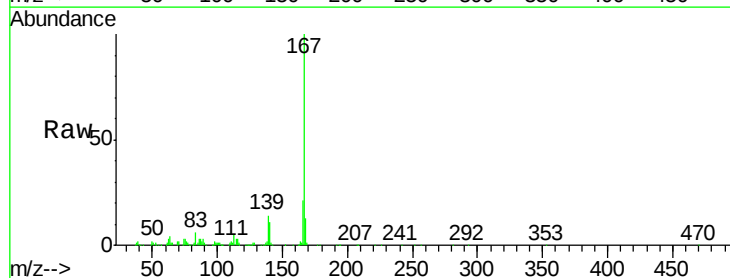
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

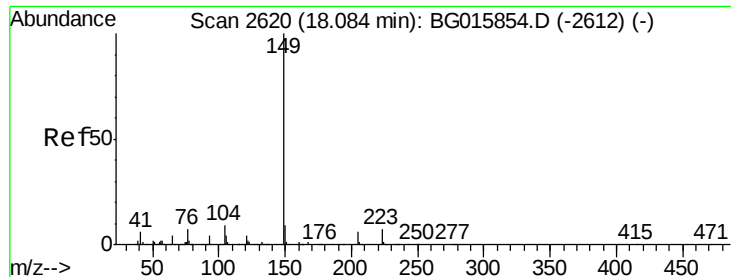
Tgt Ion:178 Resp: 408762  
 Ion Ratio Lower Upper  
 178 100  
 176 18.7 15.6 23.4  
 179 16.3 12.6 18.8



#72  
 Carbazole  
 Concen: 34.56 ng  
 RT: 17.52 min Scan# 2525  
 Delta R.T. 0.01 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

Tgt Ion:167 Resp: 374423  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 15.0 22.4  
 139 13.6 11.0 16.4

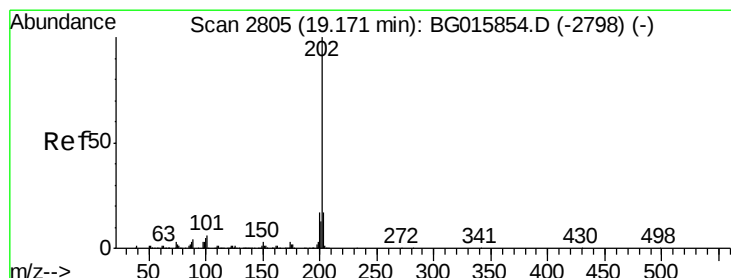
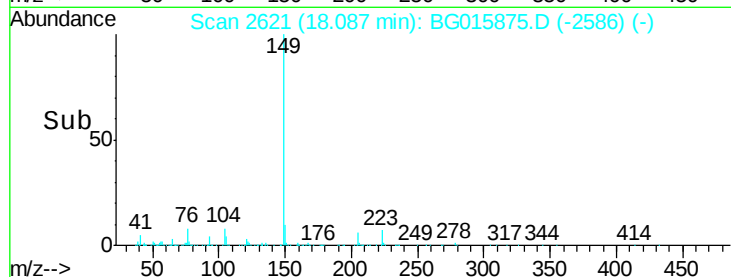
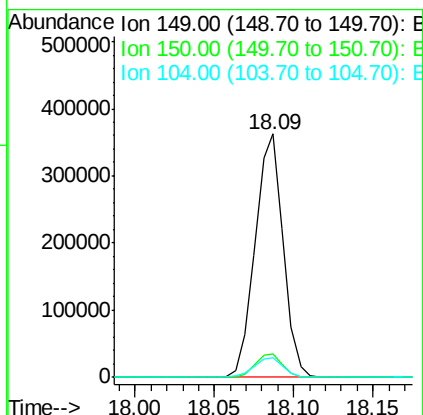
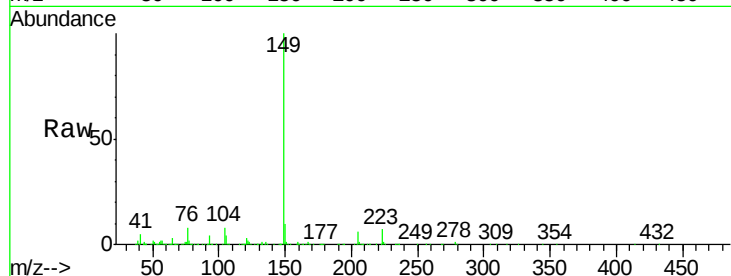




#73  
Di-n-butylphthalate  
Concen: 34.90 ng  
RT: 18.09 min Scan# 2621  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

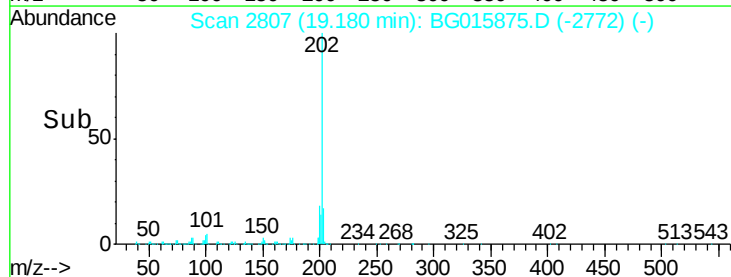
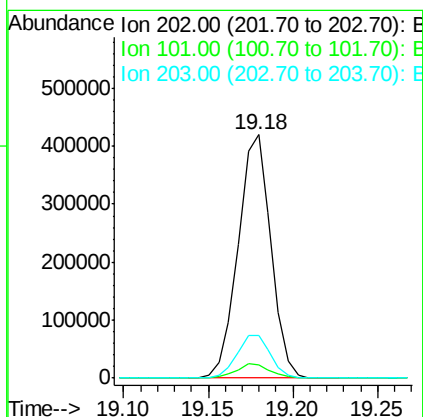
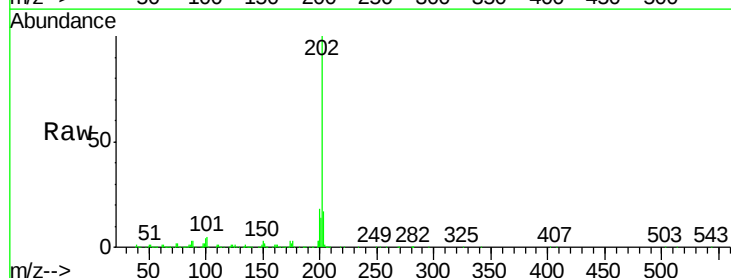
Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

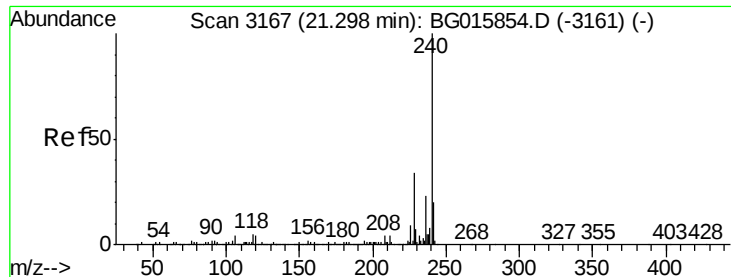
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.6   | 7.1   | 10.7  |
| 104     | 8.1   | 6.8   | 10.2  |



#74  
Fluoranthene  
Concen: 32.98 ng  
RT: 19.18 min Scan# 2807  
Delta R.T. 0.01 min  
Lab File: BG015875.D  
Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 5.2   | 0.0   | 26.1  |
| 203     | 17.4  | 0.0   | 38.0  |





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.30 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

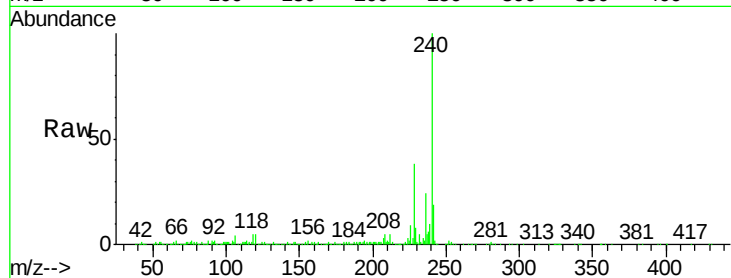
Tgt Ion:240 Resp: 293002

Ion Ratio Lower Upper

240 100

120 4.7 3.4 5.2

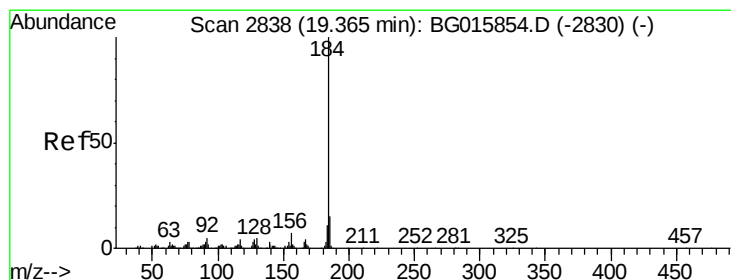
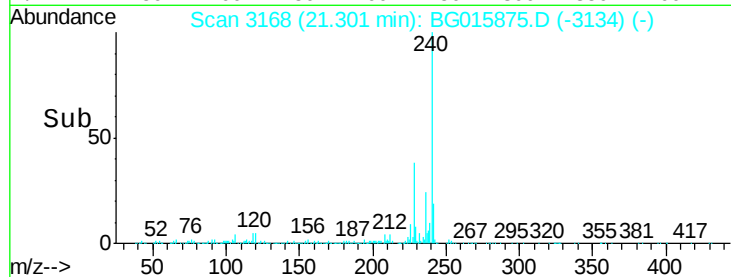
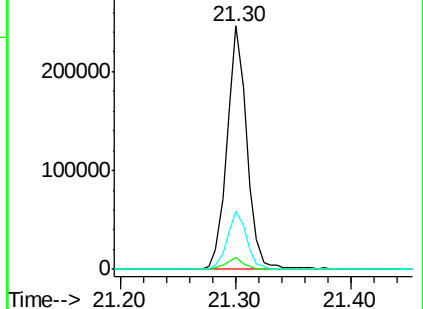
236 23.9 19.0 28.6



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: 21.64 ng

RT: 19.37 min Scan# 2839

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

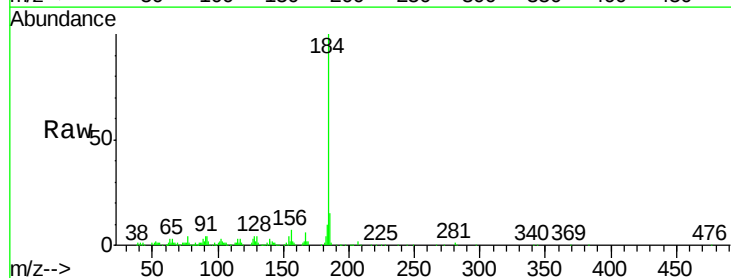
Tgt Ion:184 Resp: 146809

Ion Ratio Lower Upper

184 100

185 14.9 12.6 18.8

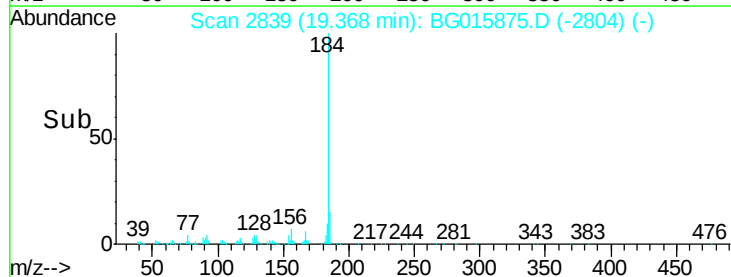
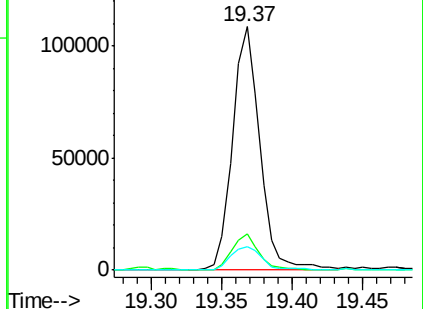
183 9.6 8.4 12.6

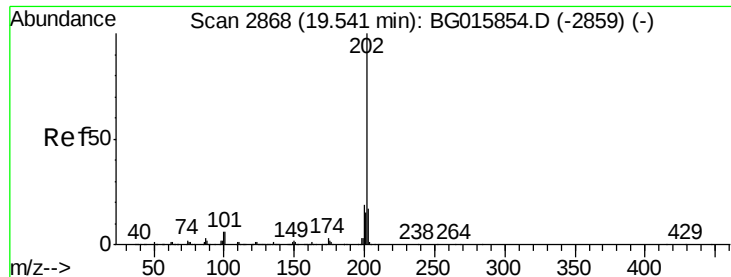


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 37.14 ng

RT: 19.54 min Scan# 2868

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

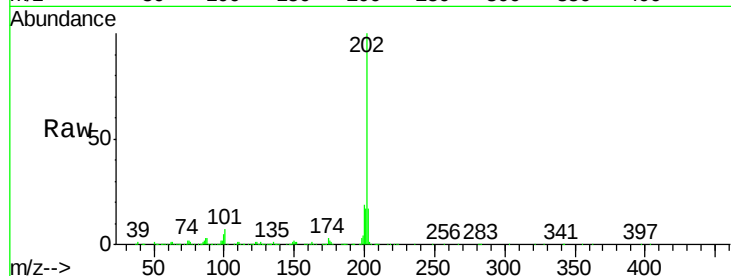
Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

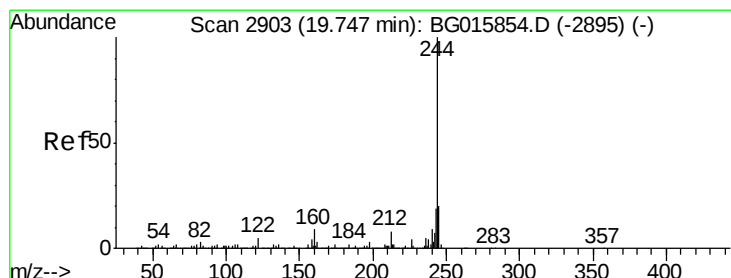
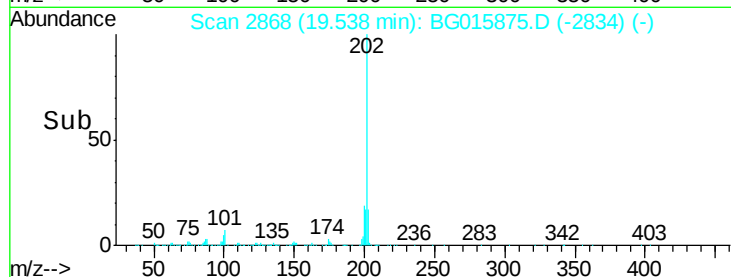
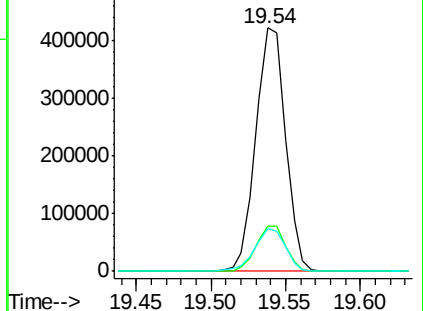
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 581834 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 200      | 18.8  | 15.1  | 22.7   |
| 203      | 17.5  | 14.2  | 21.4   |



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: 35.08 ng

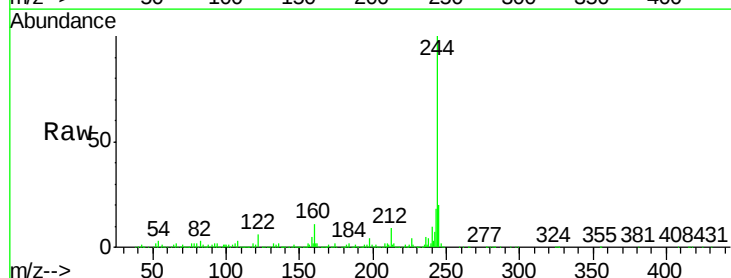
RT: 19.74 min Scan# 2903

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

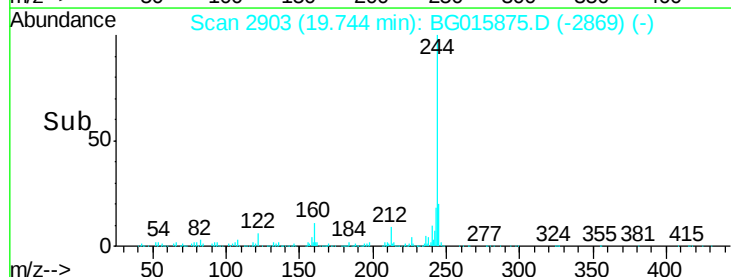
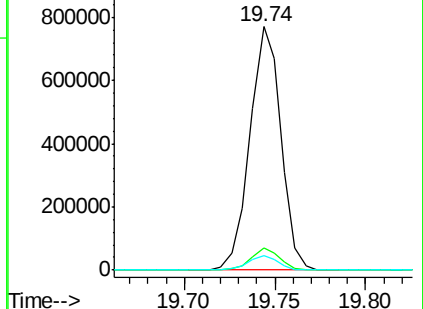
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 244   | Resp: | 919811 |
| Ion      | Ratio | Lower | Upper  |
| 244      | 100   |       |        |
| 212      | 8.8   | 6.6   | 9.8    |
| 122      | 6.1   | 4.7   | 7.1    |

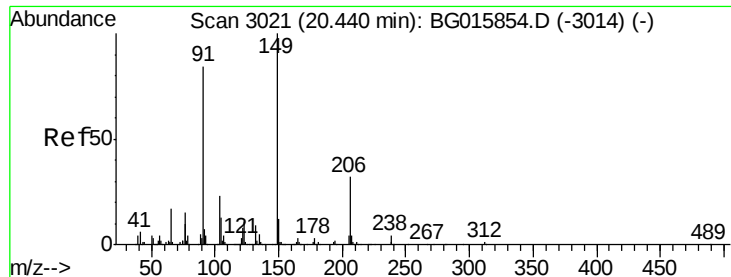


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 37.22 ng

RT: 20.44 min Scan# 3021

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

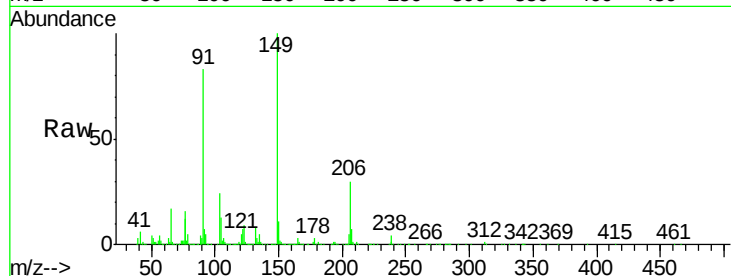
Tgt Ion:149 Resp: 218513

Ion Ratio Lower Upper

149 100

91 83.3 68.4 102.6

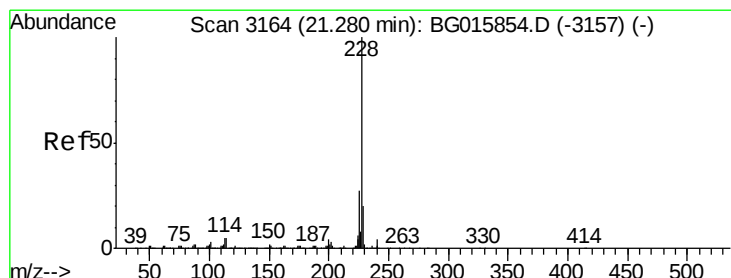
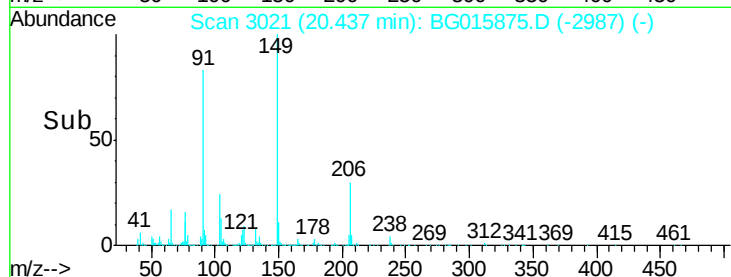
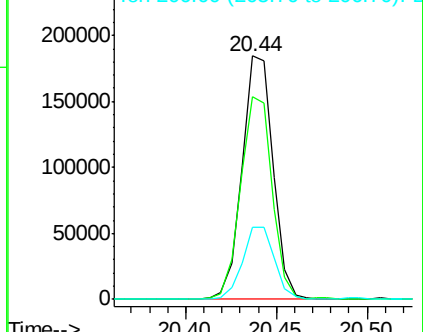
206 29.8 24.9 37.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 34.58 ng

RT: 21.28 min Scan# 3165

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

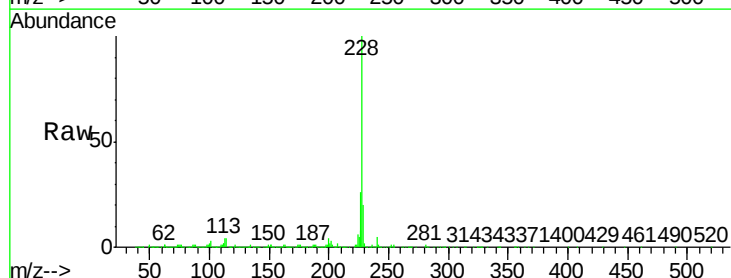
Tgt Ion:228 Resp: 601738

Ion Ratio Lower Upper

228 100

226 26.0 21.4 32.2

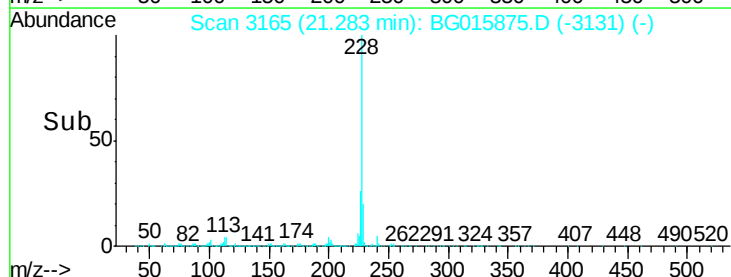
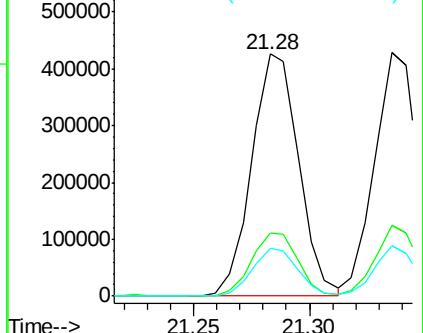
229 19.6 16.8 25.2

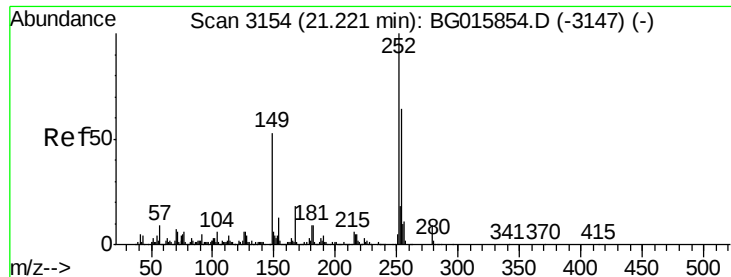


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

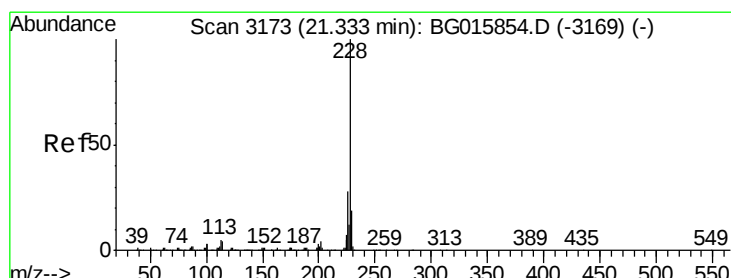
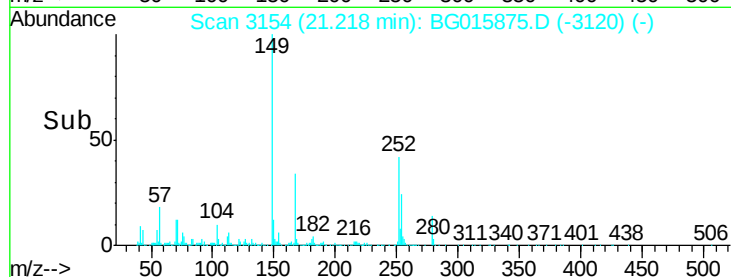
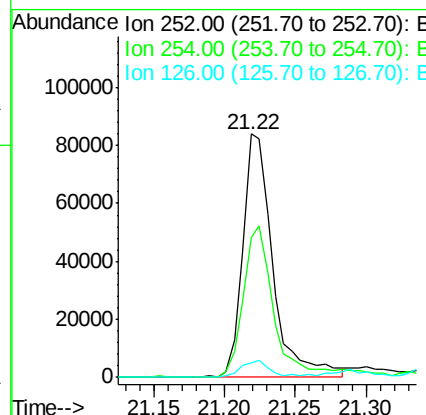
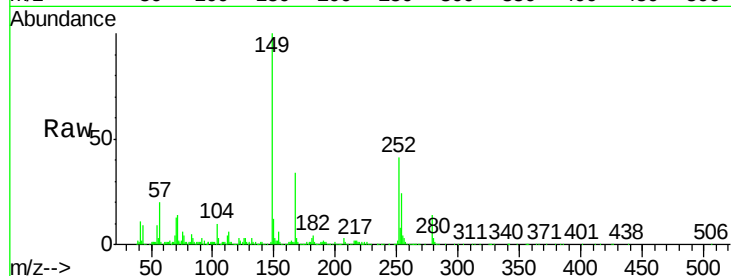




#81  
 3,3'-Dichlorobenzidine  
 Concen: 19.59 ng  
 RT: 21.22 min Scan# 3154  
 Delta R.T. -0.00 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

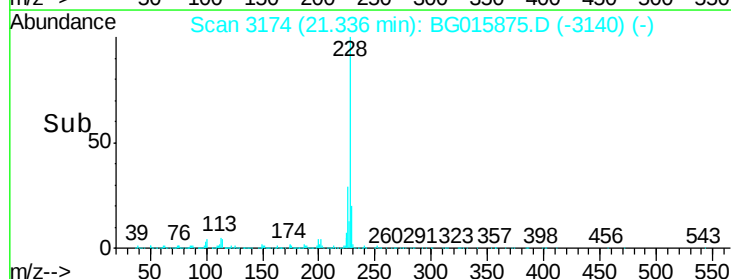
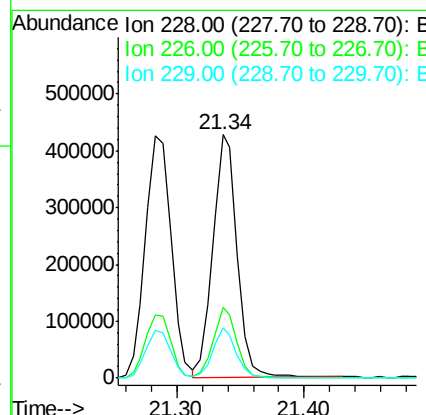
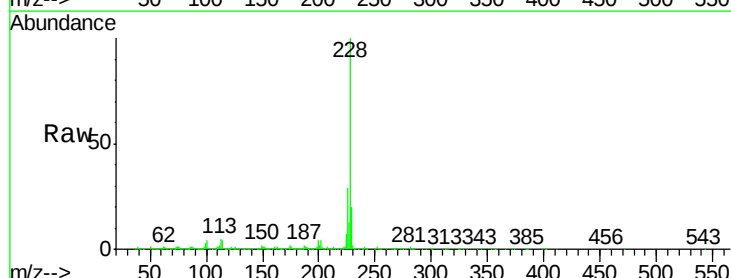
Instrument :  
 BNA\_G  
 ClientSampleId :  
 FK-BPM-02-E5-E6-E7-E8MS

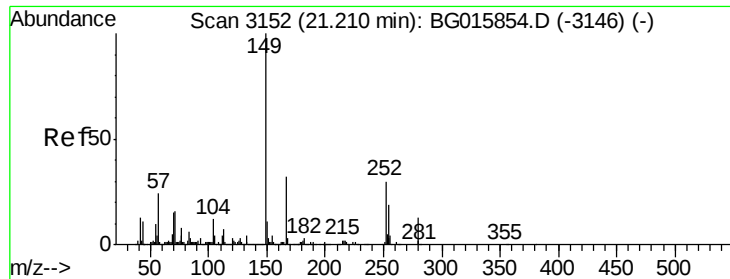
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 57.6  | 54.0  | 81.0  |
| 126     | 6.1   | 5.8   | 8.8   |



#82  
 Chrysene  
 Concen: 35.74 ng  
 RT: 21.34 min Scan# 3174  
 Delta R.T. -0.00 min  
 Lab File: BG015875.D  
 Acq: 9 Jan 2015 18:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.2  | 22.5  | 33.7  |
| 229     | 20.5  | 15.8  | 23.6  |





#83

Bis(2-ethylhexyl)phthalate

Concen: 36.31 ng

RT: 21.21 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

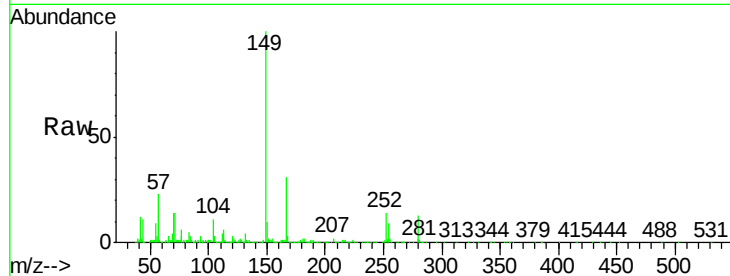
Tgt Ion:149 Resp: 309889

Ion Ratio Lower Upper

149 100

167 31.3 26.2 39.2

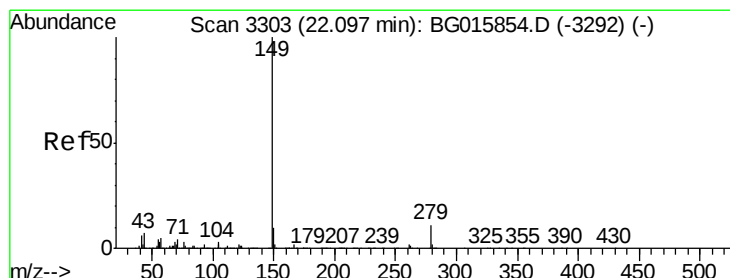
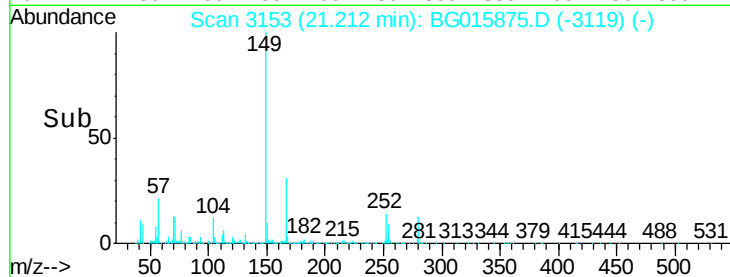
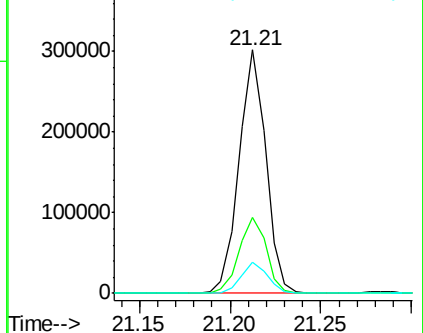
279 12.7 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.07 ng

RT: 22.09 min Scan# 3303

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

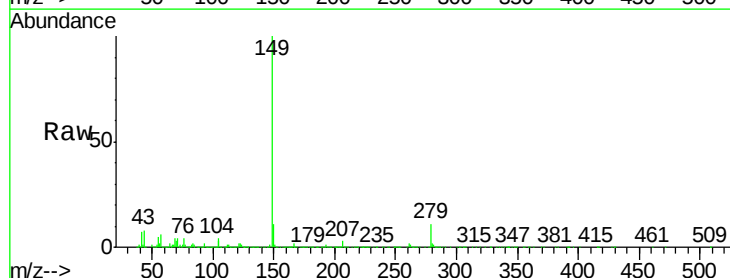
Tgt Ion:149 Resp: 515146

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

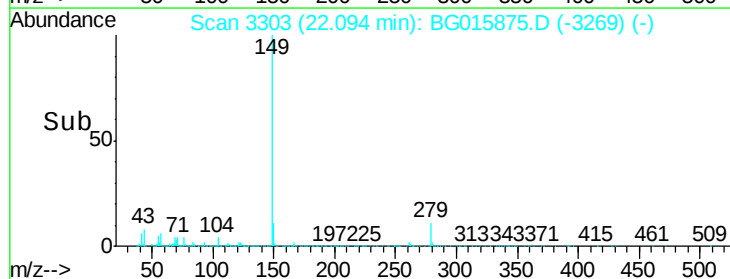
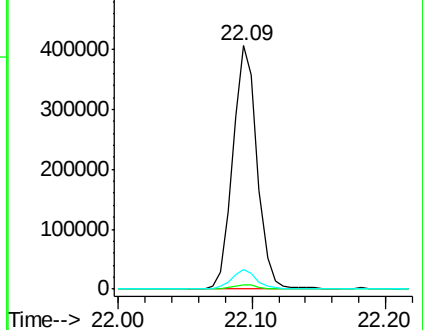
43 7.6 5.9 8.9

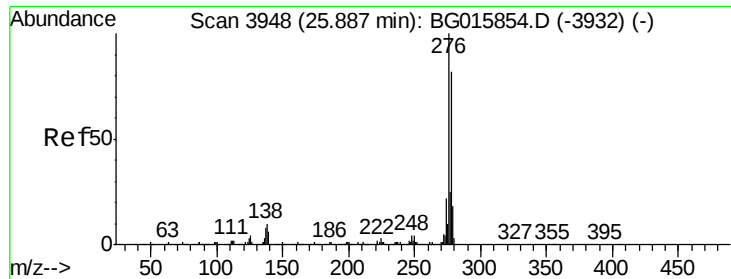


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 22.33 ng

RT: 25.88 min Scan# 3948

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

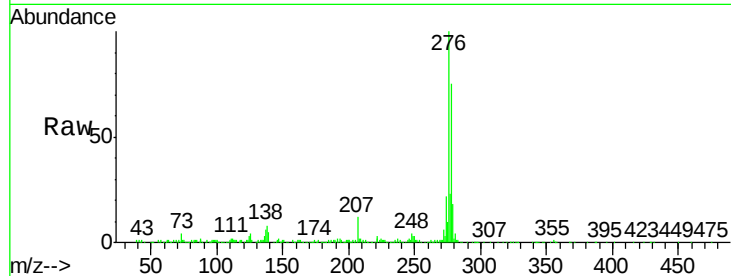
Tgt Ion:276 Resp: 421915

Ion Ratio Lower Upper

276 100

138 8.3 7.8 11.6

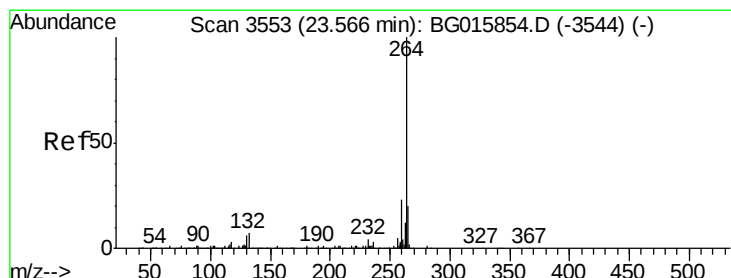
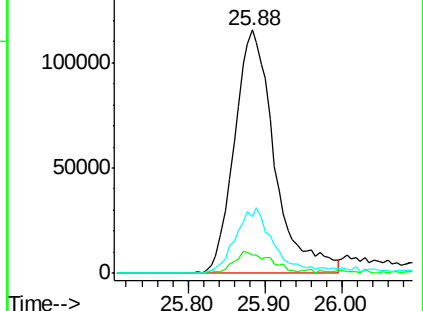
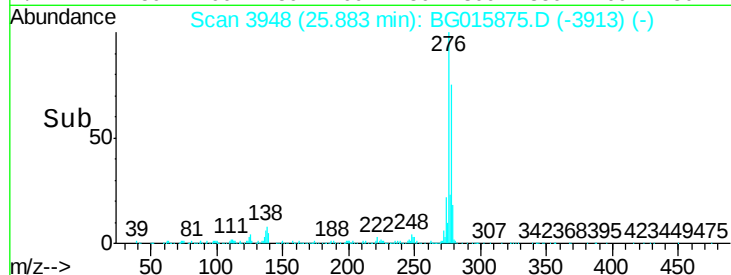
277 25.3 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.57 min Scan# 3555

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

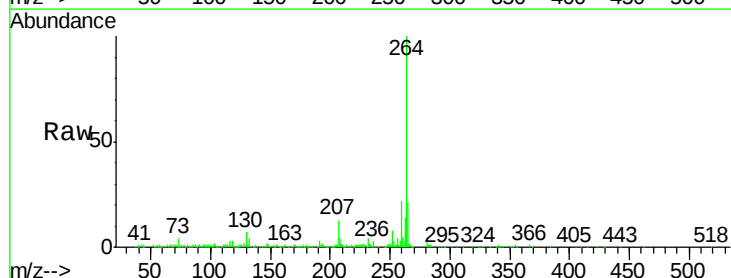
Tgt Ion:264 Resp: 229979

Ion Ratio Lower Upper

264 100

260 22.4 17.0 25.4

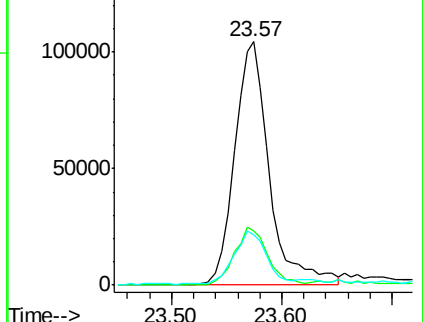
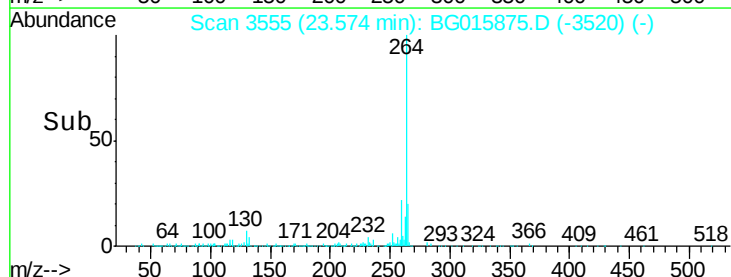
265 20.9 17.4 26.0

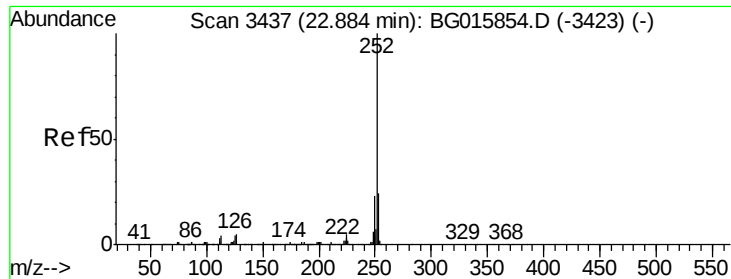


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 36.48 ng

RT: 22.89 min Scan# 3438

Delta R.T. 0.01 min

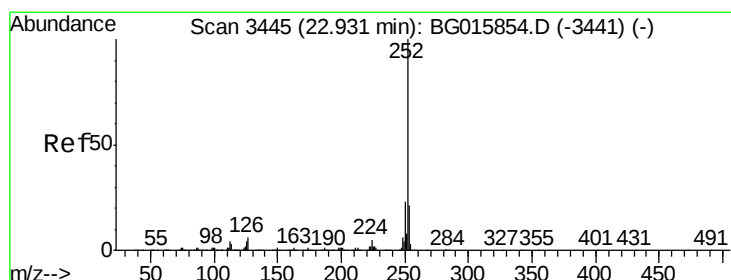
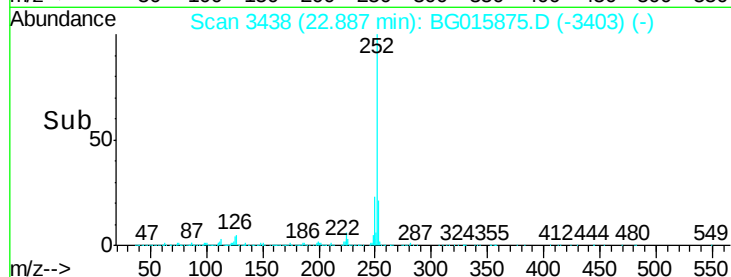
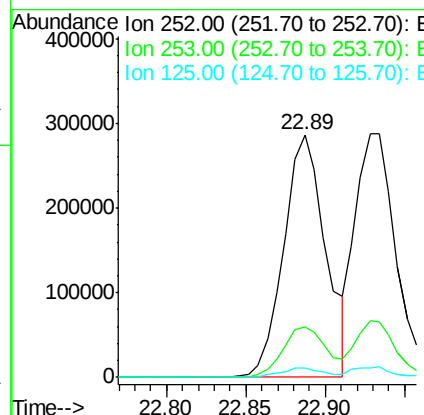
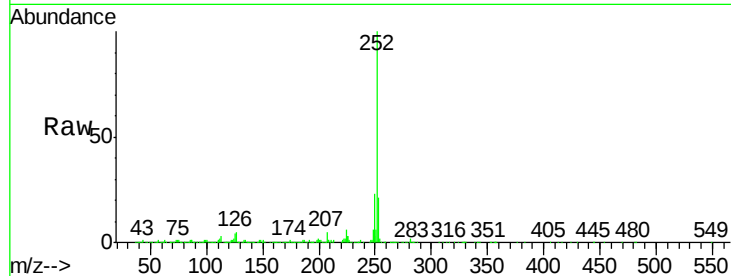
Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :  
BNA\_G  
ClientSampleId :  
FK-BPM-02-E5-E6-E7-E8MS

Tgt Ion:252 Resp: 523838

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 20.9  | 17.8  | 26.8  |
| 125 | 4.0   | 3.6   | 5.4   |



#88

Benzo(k)fluoranthene

Concen: 37.40 ng

RT: 22.93 min Scan# 3445

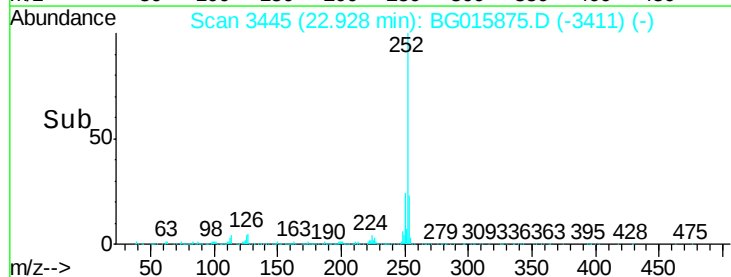
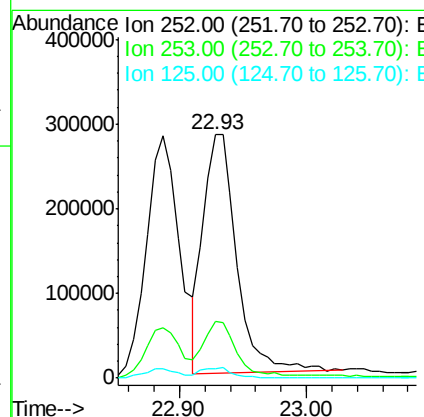
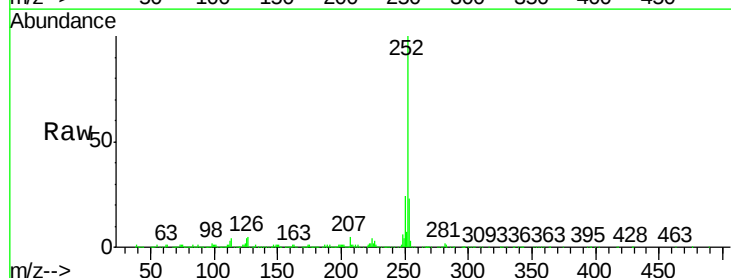
Delta R.T. -0.00 min

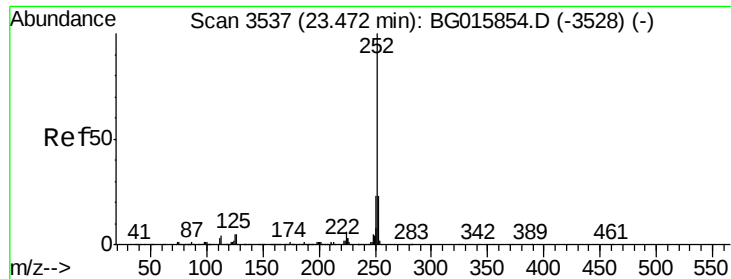
Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Tgt Ion:252 Resp: 516931

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.3  | 18.2  | 27.2  |
| 125 | 3.8   | 3.0   | 4.6   |





#89

Benzo(a)pyrene

Concen: 39.42 ng

RT: 23.47 min Scan# 3537

Delta R.T. -0.00 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS

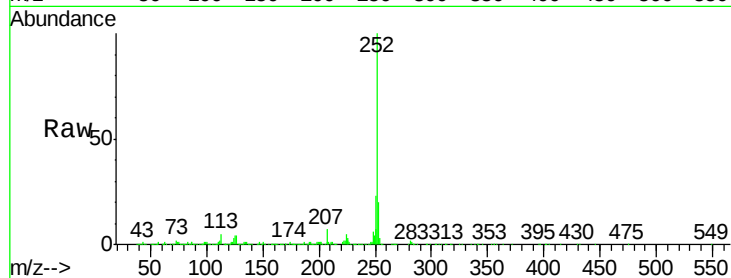
Tgt Ion:252 Resp: 509824

Ion Ratio Lower Upper

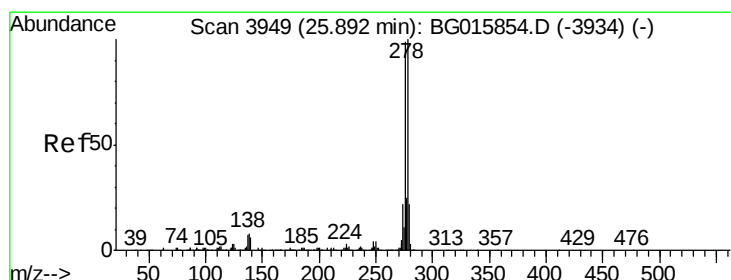
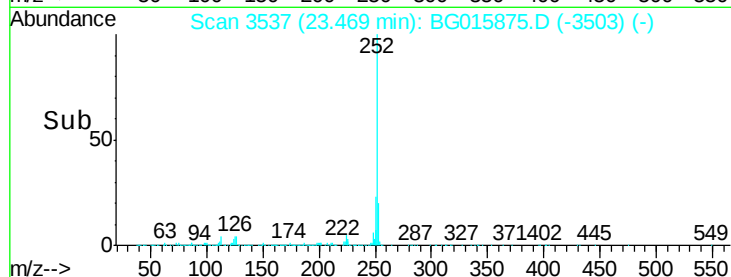
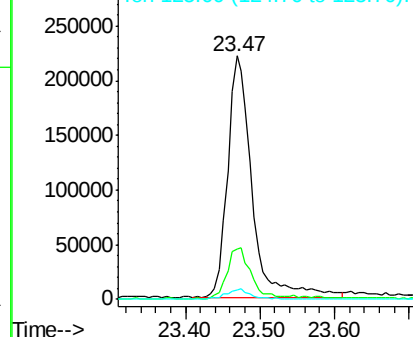
252 100

253 20.4 17.9 26.9

125 3.8 3.7 5.5



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



#90

Dibenzo(a,h)anthracene

Concen: 27.23 ng

RT: 25.90 min Scan# 3950

Delta R.T. 0.01 min

Lab File: BG015875.D

Acq: 9 Jan 2015 18:21

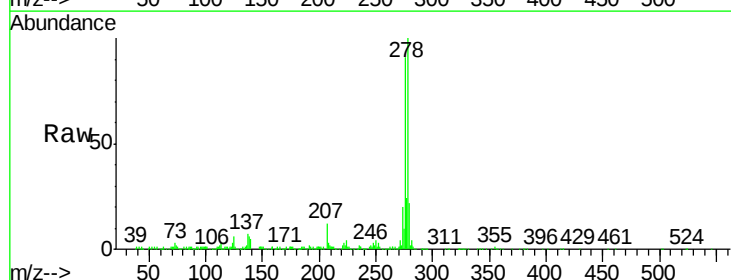
Tgt Ion:278 Resp: 346146

Ion Ratio Lower Upper

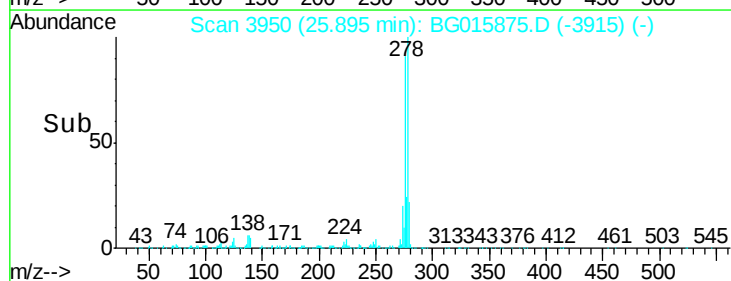
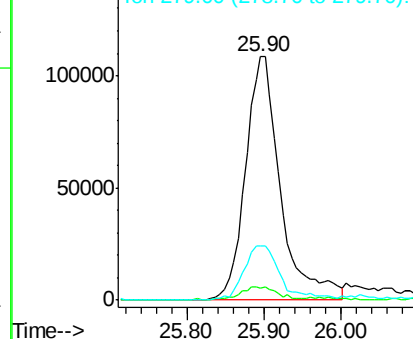
278 100

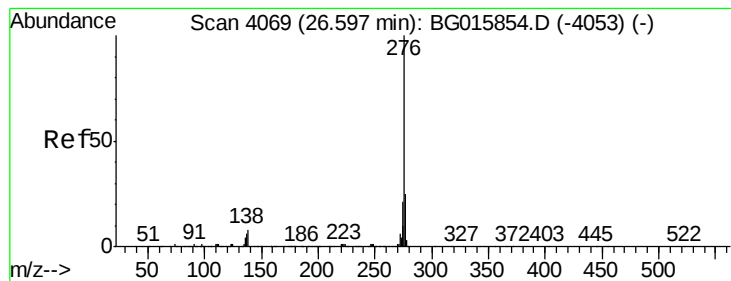
139 5.0 4.9 7.3

279 22.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 25.63 ng

RT: 26.60 min Scan# 4070

Delta R.T. 0.01 min

Lab File: BG015875.D

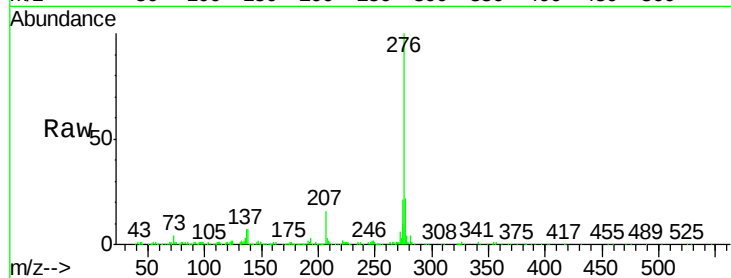
Acq: 9 Jan 2015 18:21

Instrument :

BNA\_G

ClientSampleId :

FK-BPM-02-E5-E6-E7-E8MS



Tgt Ion: 276 Resp: 323749

Ion Ratio Lower Upper

276 100

277 21.5 18.2 27.2

138 7.2 6.4 9.6

