

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042715\  
 Data File : BG016758.D  
 Acq On : 28 Apr 2015 8:03  
 Operator : TP/IZ  
 Sample : G1991-16MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

Quant Time: Apr 28 08:48:21 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 28 06:33:47 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.57  | 152  | 54651    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.36 | 136  | 240059   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.23 | 164  | 138446   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 16.97 | 188  | 271892   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.16 | 240  | 252805   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.36 | 264  | 245050   | 20.00 | ng    | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.17  | 112  | 526876   | 156.44 | ng    | 0.00     |
| 7) Phenol-d6                | 6.78  | 99   | 721981   | 152.81 | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.74  | 82   | 368996   | 97.13  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.73 | 330  | 172887   | 168.33 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.84 | 172  | 876444   | 101.71 | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.60 | 244  | 973733   | 88.73  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.02  | 88   | 49605    | 34.00 | ng    | 98     |
| 3) Pyridine                    | 3.42  | 79   | 145010   | 35.01 | ng    | 100    |
| 4) n-Nitrosodimethylamine      | 3.35  | 42   | 50886    | 41.64 | ng    | 95     |
| 6) Aniline                     | 6.91  | 93   | 202359   | 31.23 | ng    | 99     |
| 8) 2-Chlorophenol              | 7.14  | 128  | 208103   | 49.99 | ng    | 98     |
| 9) Benzaldehyde                | 6.71  | 77   | 14486    | 7.50  | ng    | 99     |
| 10) Phenol                     | 6.80  | 94   | 270601   | 54.34 | ng    | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.01  | 93   | 174775   | 44.96 | ng    | 98     |
| 12) 1,3-Dichlorobenzene        | 7.46  | 146  | 203437   | 47.26 | ng    | 100    |
| 13) 1,4-Dichlorobenzene        | 7.61  | 146  | 206510   | 46.93 | ng    | 99     |
| 14) 1,2-Dichlorobenzene        | 7.92  | 146  | 201580   | 47.98 | ng    | 100    |
| 15) Benzyl Alcohol             | 7.82  | 79   | 142523   | 48.07 | ng    | 95     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.11  | 45   | 165332   | 45.44 | ng    | 98     |
| 17) 2-Methylphenol             | 8.04  | 107  | 171921   | 51.63 | ng    | 96     |
| 18) Hexachloroethane           | 8.64  | 117  | 74264    | 47.87 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.38  | 70   | 126230   | 42.86 | ng    | 100    |
| 20) 3+4-Methylphenols          | 8.37  | 107  | 230669   | 49.27 | ng    | 97     |
| 22) Acetophenone               | 8.39  | 105  | 259950   | 49.34 | ng    | # 98   |
| 24) Nitrobenzene               | 8.78  | 77   | 182636   | 45.78 | ng    | 96     |
| 25) Isophorone                 | 9.29  | 82   | 363624   | 46.18 | ng    | 99     |
| 26) 2-Nitrophenol              | 9.48  | 139  | 116818   | 50.46 | ng    | 99     |
| 27) 2,4-Dimethylphenol         | 9.56  | 122  | 199191   | 51.52 | ng    | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.78  | 93   | 222644   | 46.87 | ng    | 97     |
| 29) 2,4-Dichlorophenol         | 10.02 | 162  | 185854   | 56.56 | ng    | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.23 | 180  | 179425   | 51.52 | ng    | 99     |
| 31) Naphthalene                | 10.41 | 128  | 620925   | 49.05 | ng    | 99     |
| 32) Benzoic acid               | 9.70  | 122  | 47011    | 27.15 | ng    | 97     |
| 33) 4-Chloroaniline            | 10.53 | 127  | 151210   | 25.93 | ng    | 96     |
| 34) Hexachlorobutadiene        | 10.69 | 225  | 81113    | 52.14 | ng    | 99     |
| 35) Caprolactam                | 11.31 | 113  | 89371m   | 50.45 | ng    |        |
| 36) 4-Chloro-3-methylphenol    | 11.68 | 107  | 199966   | 52.33 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.03 | 142  | 461192   | 50.45 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.41 | 216  | 175281   | 53.15 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 12.38 | 237  | 54776    | 46.23 | ng    | 99     |

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 Sample : G1991-16MS  
 Misc :  
 ALS Vial : 27 Sample Multiplier: 1

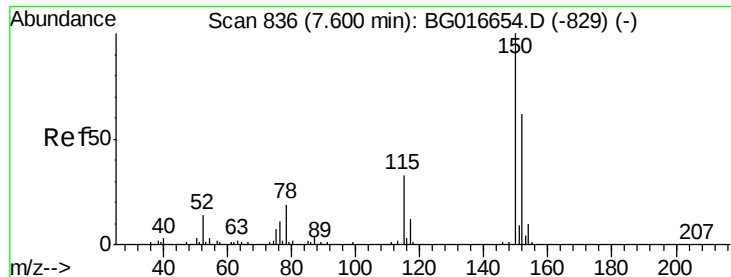
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

Quant Time: Apr 28 08:48:21 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG042315.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 28 06:33:47 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.66 | 196  | 132625   | 55.03  | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.74 | 196  | 142410   | 55.84  | nq    | 97       |
| 45) 1,1'-Biphenyl              | 13.05 | 154  | 553994   | 50.95  | nq    | 99       |
| 46) 2-Chloronaphthalene        | 13.09 | 162  | 427173   | 51.11  | nq    | 99       |
| 47) 2-Nitroaniline             | 13.32 | 65   | 108750   | 47.70  | nq    | 95       |
| 48) Acenaphthylene             | 13.95 | 152  | 723444   | 49.42  | nq    | 100      |
| 49) Dimethylphthalate          | 13.69 | 163  | 526749   | 50.86  | nq    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.82 | 165  | 124860   | 49.13  | nq    | 97       |
| 51) Acenaphthene               | 14.29 | 154  | 435913   | 49.61  | nq    | 99       |
| 52) 3-Nitroaniline             | 14.15 | 138  | 118729   | 38.65  | nq    | 95       |
| 53) 2,4-Dinitrophenol          | 14.37 | 184  | 45547    | 37.43  | nq    | 93       |
| 54) Dibenzofuran               | 14.63 | 168  | 630908   | 50.91  | nq    | 99       |
| 55) 4-Nitrophenol              | 14.49 | 139  | 206713   | 89.81  | nq    | 99       |
| 56) 2,4-Dinitrotoluene         | 14.61 | 165  | 171550   | 49.28  | nq    | 99       |
| 57) Fluorene                   | 15.28 | 166  | 548892   | 50.67  | nq    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.87 | 232  | 107224   | 55.56  | nq    | 95       |
| 59) Diethylphthalate           | 15.06 | 149  | 514316   | 47.65  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.27 | 204  | 229497   | 50.73  | nq    | 96       |
| 61) 4-Nitroaniline             | 15.32 | 138  | 130750   | 38.48  | nq    | 97       |
| 62) Azobenzene                 | 15.57 | 77   | 477046   | 48.39  | nq    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.38 | 198  | 51555    | 28.02  | nq    | 92       |
| 65) n-Nitrosodiphenylamine     | 15.50 | 169  | 472807   | 50.72  | nq    | 100      |
| 66) 4-Bromophenyl-phenylether  | 16.17 | 248  | 124170   | 54.65  | nq    | 95       |
| 67) Hexachlorobenzene          | 16.28 | 284  | 128266   | 54.89  | nq    | 95       |
| 68) Atrazine                   | 16.45 | 200  | 147311   | 58.87  | nq    | 100      |
| 69) Pentachlorophenol          | 16.64 | 266  | 125442   | 110.56 | nq    | 98       |
| 70) Phenanthrene               | 17.01 | 178  | 858893   | 54.99  | nq    | 98       |
| 71) Anthracene                 | 17.11 | 178  | 791241   | 50.93  | nq    | 99       |
| 72) Carbazole                  | 17.38 | 167  | 788092   | 50.63  | nq    | 99       |
| 73) Di-n-butylphthalate        | 17.94 | 149  | 927084   | 49.97  | nq    | 99       |
| 74) Fluoranthene               | 19.03 | 202  | 904033   | 54.62  | nq    | 98       |
| 76) Benzidine                  | 19.23 | 184  | 474684   | 55.13  | nq    | 99       |
| 77) Pyrene                     | 19.40 | 202  | 909804   | 51.23  | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.30 | 149  | 442274   | 50.62  | nq    | 97       |
| 80) Benzo(a)anthracene         | 21.14 | 228  | 790861   | 51.59  | nq    | 100      |
| 81) 3,3'-Dichlorobenzidine     | 21.09 | 252  | 209870   | 42.01  | nq    | 99       |
| 82) Chrysene                   | 21.20 | 228  | 735408   | 50.04  | nq    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.08 | 149  | 627445   | 52.79  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 21.94 | 149  | 1039372  | 52.50  | nq    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.59 | 276  | 762037   | 47.58  | nq    | 96       |
| 87) Benzo(b)fluoranthene       | 22.70 | 252  | 745340   | 50.07  | nq    | 97       |
| 88) Benzo(k)fluoranthene       | 22.74 | 252  | 712258   | 49.03  | nq    | 97       |
| 89) Benzo(a)pyrene             | 23.27 | 252  | 722953   | 51.54  | nq    | 98       |
| 90) Dibenzo(a,h)anthracene     | 25.60 | 278  | 612526   | 44.91  | nq    | 98       |
| 91) Benzo(g,h,i)perylene       | 26.27 | 276  | 623778   | 44.95  | nq    | 98       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.57 min Scan# 831

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

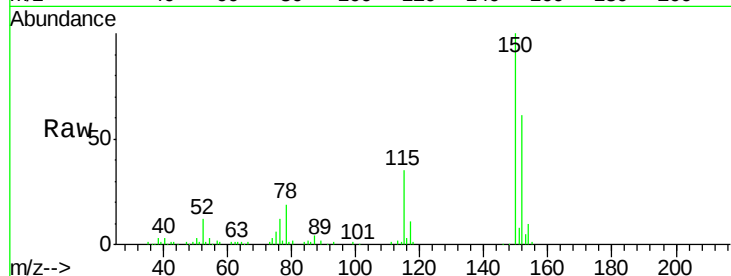
Tot Ion:152 Resp: 54651

Ion Ratio Lower Upper

152 100

150 162.7 129.6 194.4

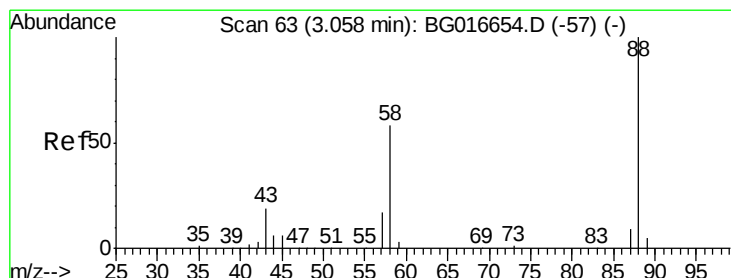
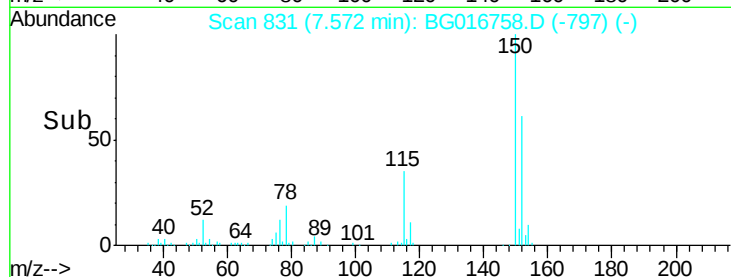
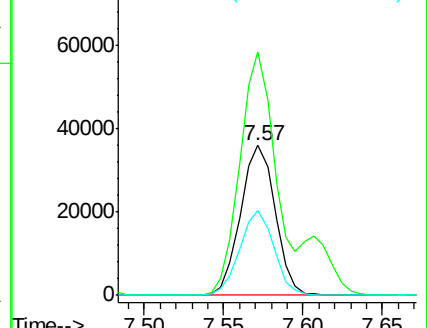
115 56.8 43.0 64.6



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: 34.00 ng

RT: 3.02 min Scan# 56

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

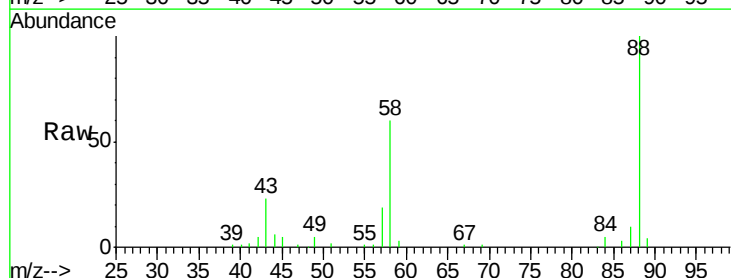
Tgt Ion: 88 Resp: 49605

Ion Ratio Lower Upper

88 100

58 59.2 46.8 70.2

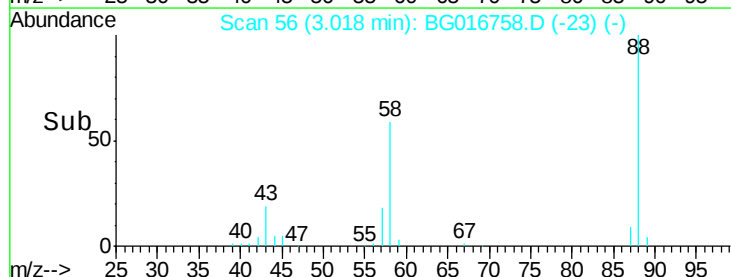
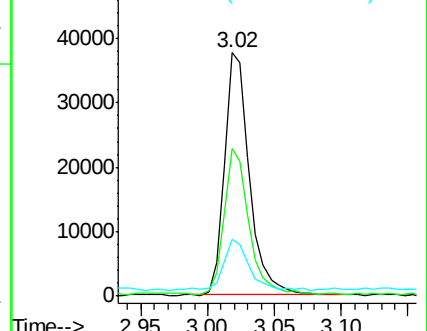
43 21.8 15.8 23.8



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

Pvridine

Concen: 35.01 ng

RT: 3.42 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

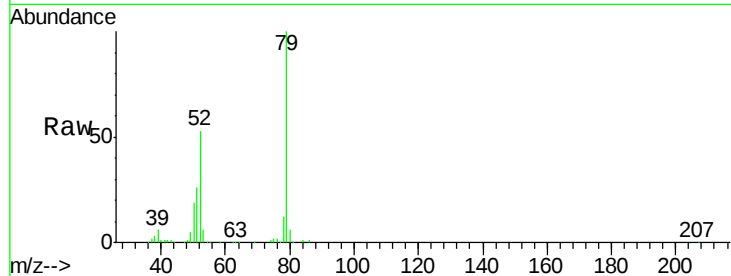
Tot Ion: 79 Resp: 145010

Ion Ratio Lower Upper

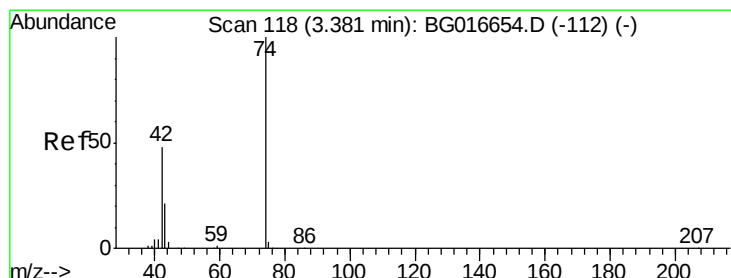
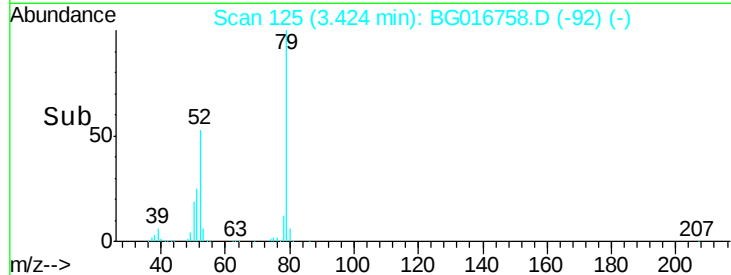
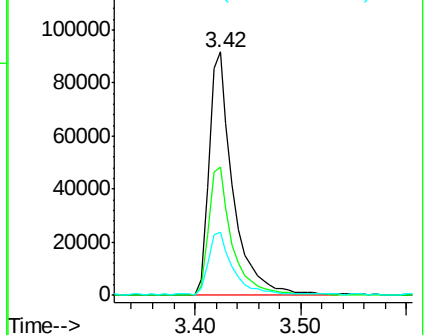
79 100

52 53.0 42.7 64.1

51 25.7 20.5 30.7



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: 41.64 ng

RT: 3.35 min Scan# 112

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

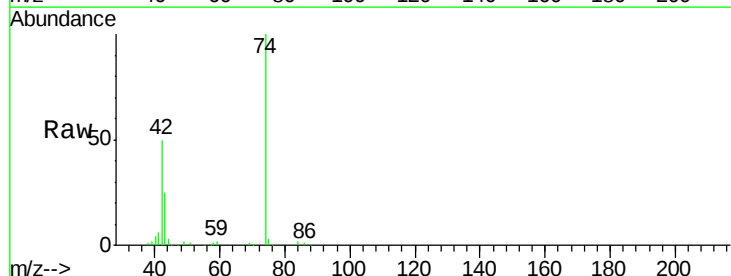
Tgt Ion: 42 Resp: 50886

Ion Ratio Lower Upper

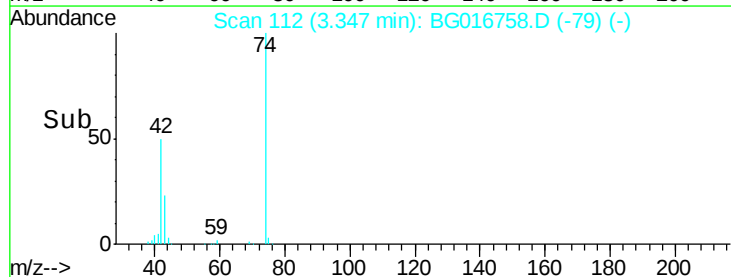
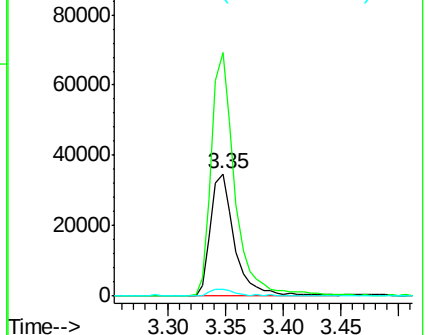
42 100

74 198.8 165.6 248.4

44 5.8 5.0 7.6



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: 156.44 ng

RT: 5.17 min Scan# 422

Delta R.T. 0.01 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

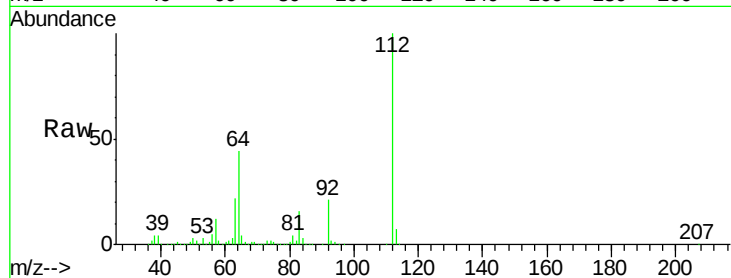
Tot Ion:112 Resp: 526876

Ion Ratio Lower Upper

112 100

64 44.2 38.3 57.5

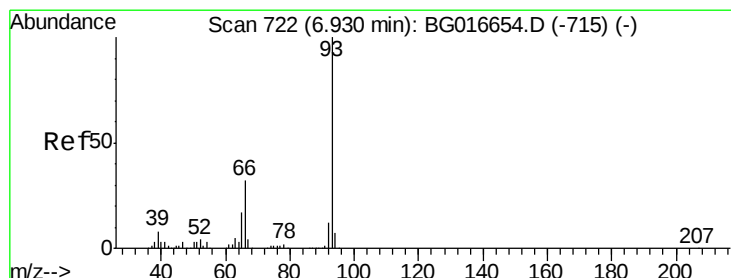
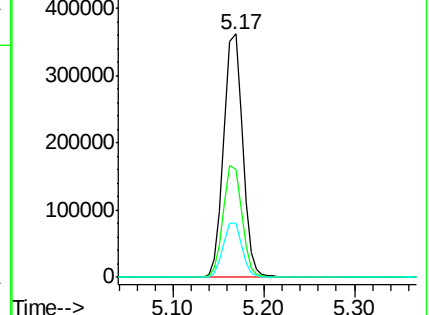
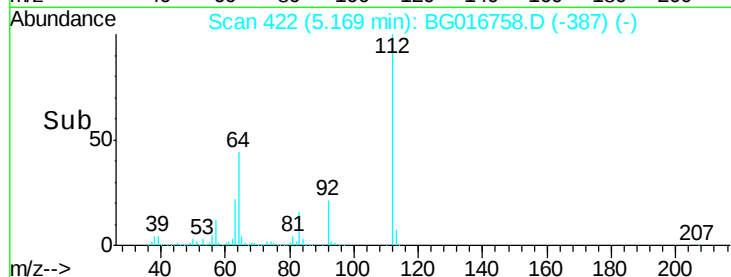
63 22.4 18.9 28.3



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: 31.23 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

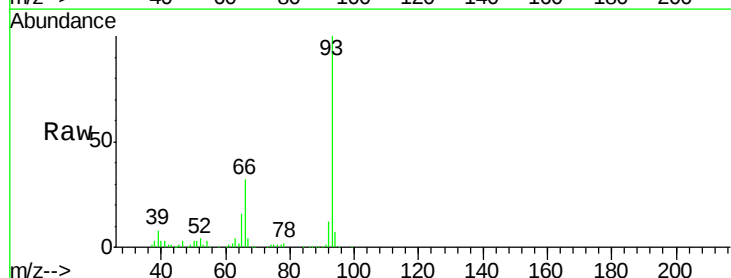
Tgt Ion: 93 Resp: 202359

Ion Ratio Lower Upper

93 100

66 31.6 25.4 38.2

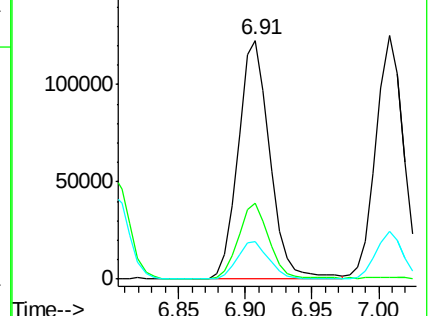
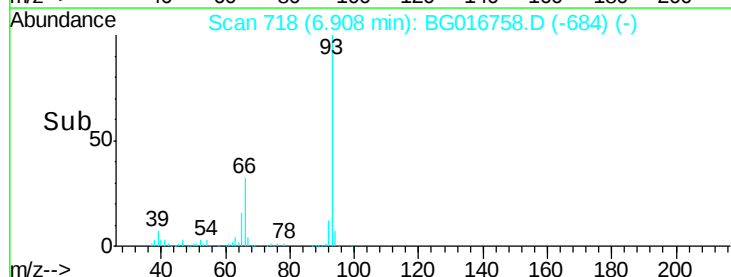
65 15.6 13.8 20.6

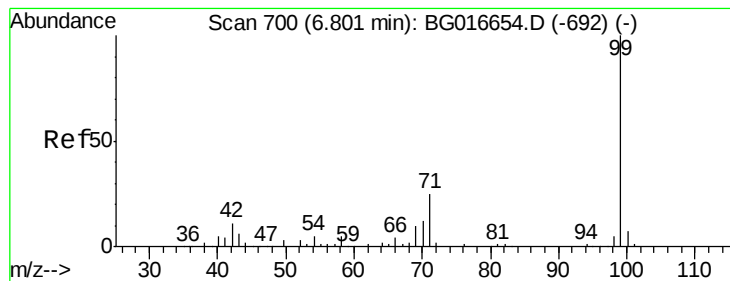


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 152.81 ng

RT: 6.78 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

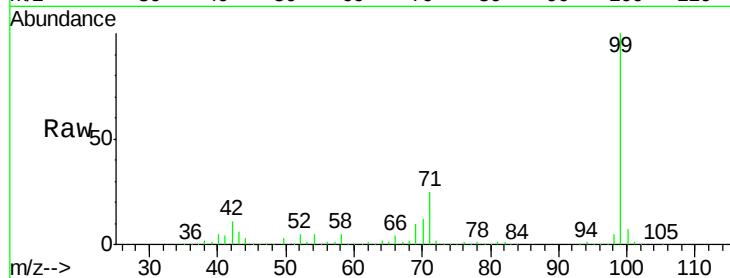
Tot Ion: 99 Resp: 721981

Ion Ratio Lower Upper

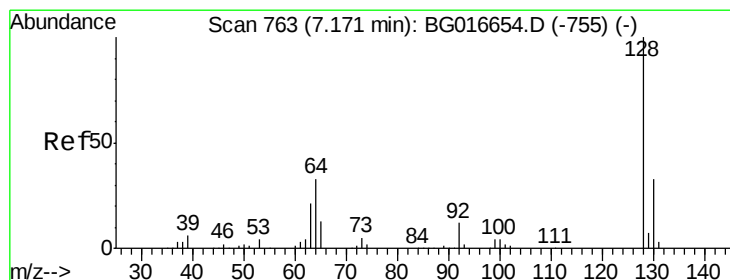
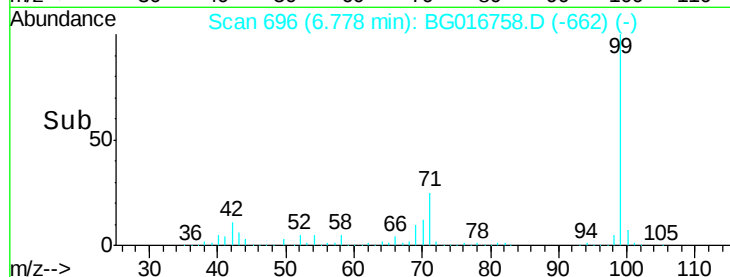
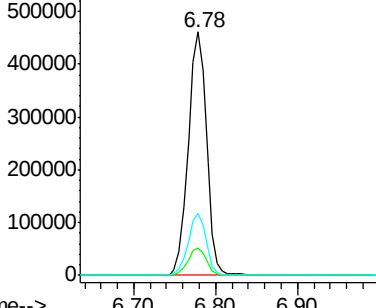
99 100

42 11.4 8.8 13.2

71 25.4 19.9 29.9



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: 49.99 ng

RT: 7.14 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

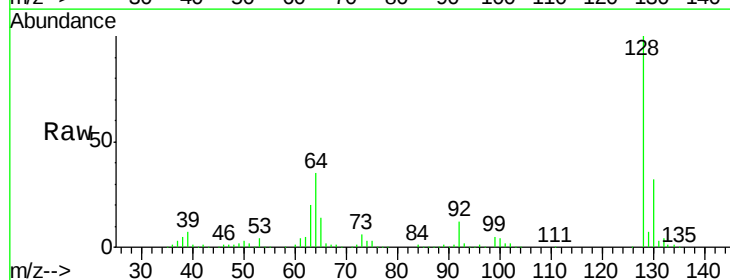
Tgt Ion: 128 Resp: 208103

Ion Ratio Lower Upper

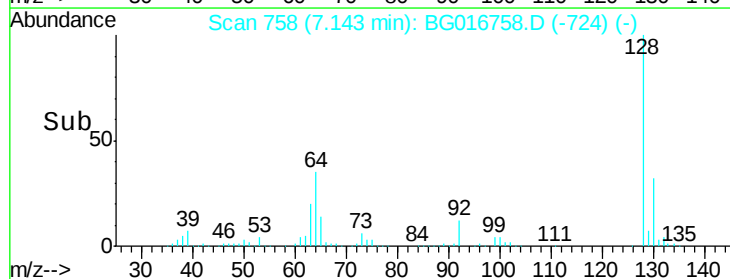
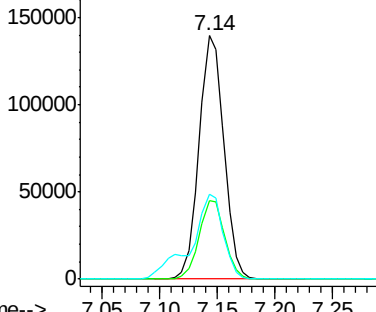
128 100

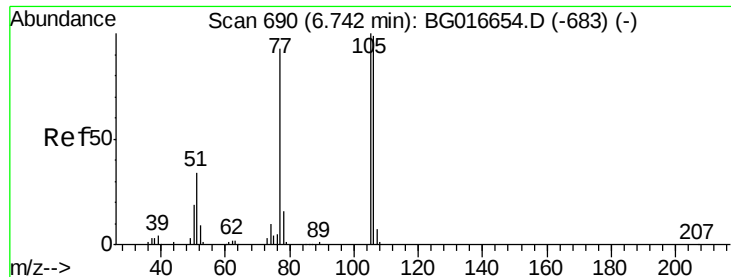
130 32.4 13.5 53.5

64 34.9 15.8 55.8



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: 7.50 ng

RT: 6.71 min Scan# 685

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampled :

SB-64DMS

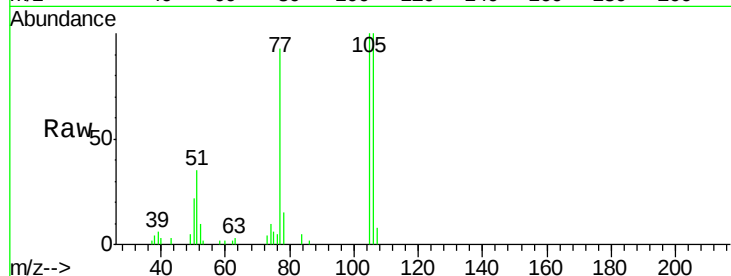
Tot Ion: 77 Resp: 14486

Ion Ratio Lower Upper

77 100

105 107.7 88.0 128.0

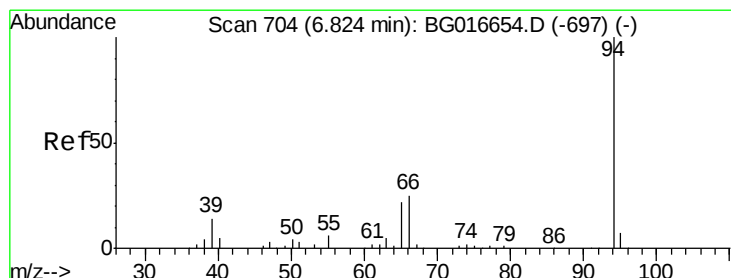
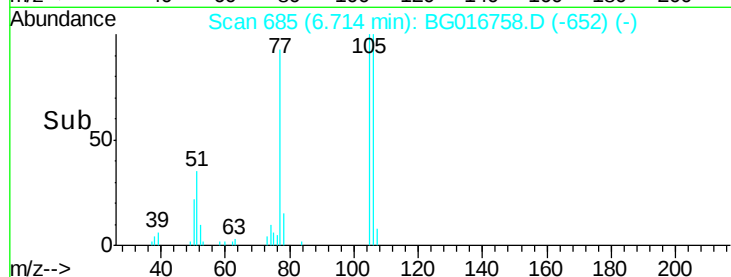
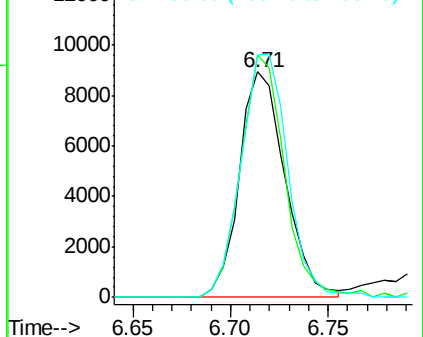
106 107.7 86.6 126.6



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: 54.34 ng

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

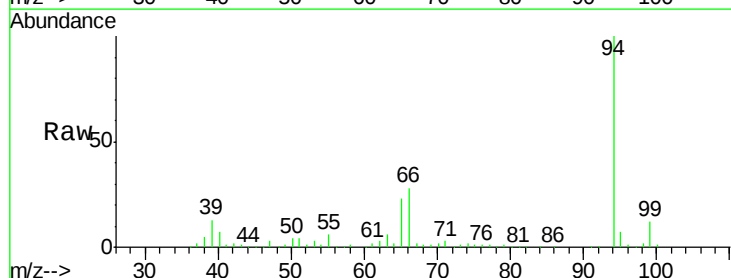
Tgt Ion: 94 Resp: 270601

Ion Ratio Lower Upper

94 100

65 23.0 2.6 42.6

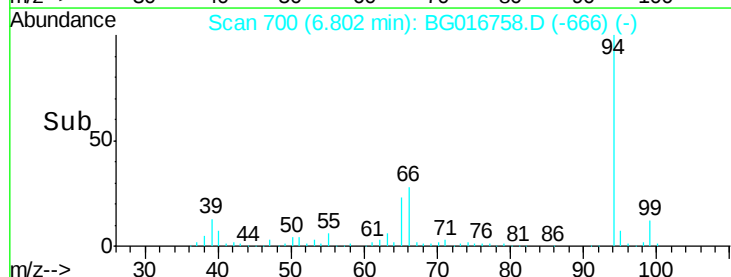
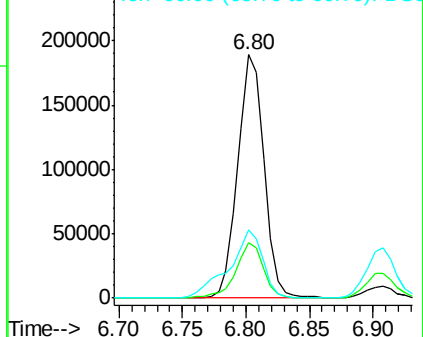
66 28.2 7.0 47.0

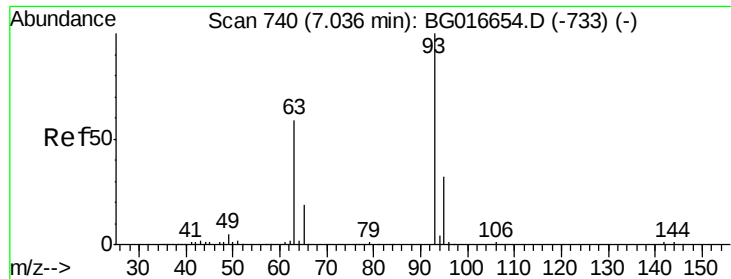


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

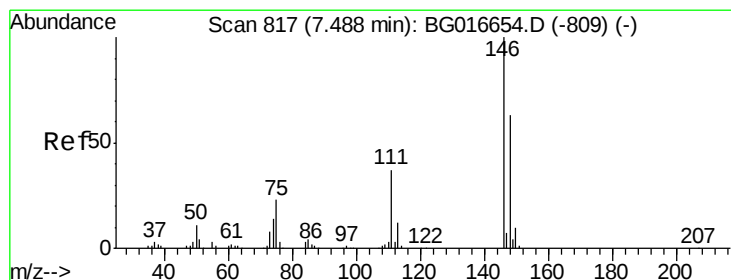
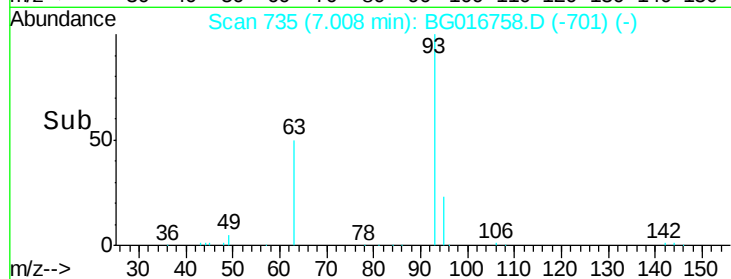
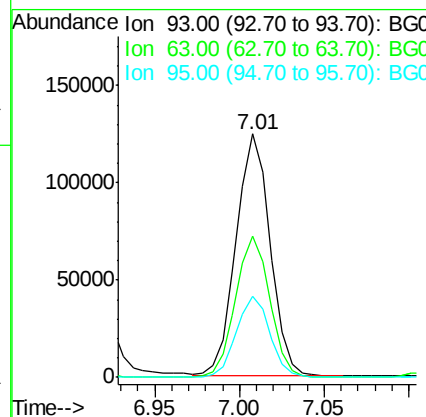
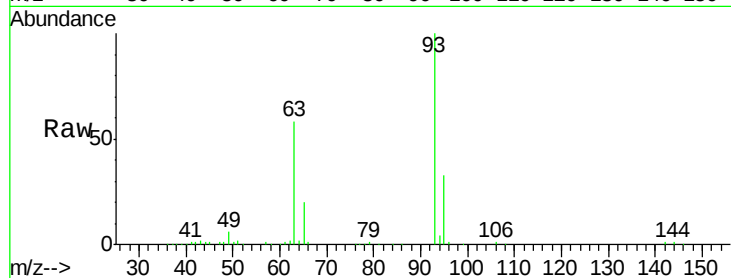




#11  
bis(2-Chloroethyl)ether  
Concen: 44.96 ng  
RT: 7.01 min Scan# 735  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

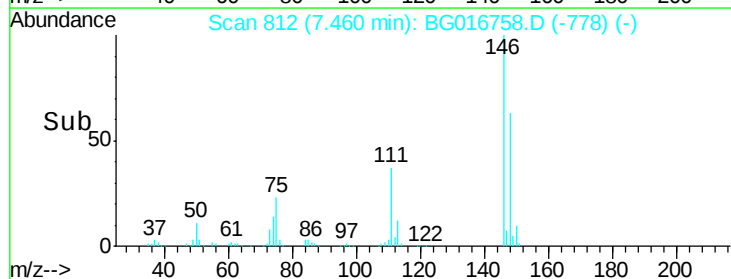
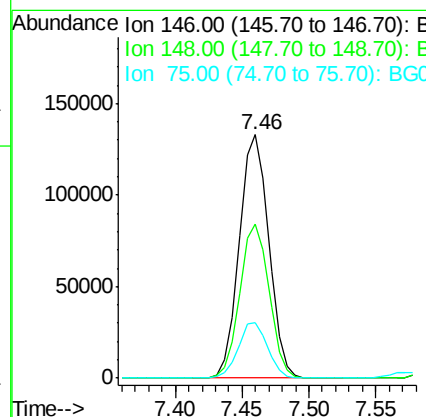
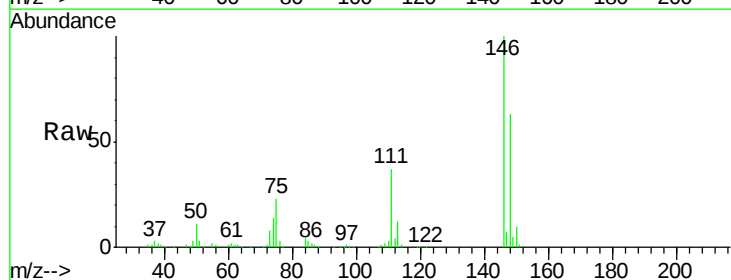
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

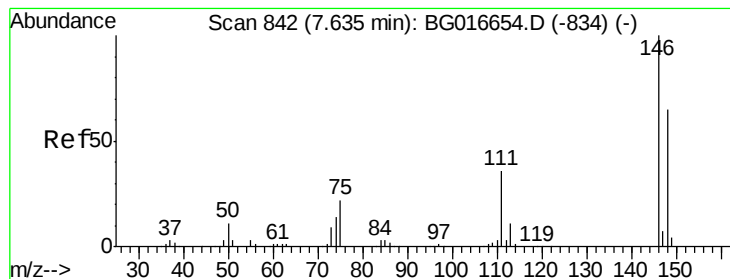
Tot Ion: 93 Resp: 174775  
Ion Ratio Lower Upper  
93 100  
63 58.0 39.2 79.2  
95 33.2 11.9 51.9



#12  
1,3-Dichlorobenzene  
Concen: 47.26 ng  
RT: 7.46 min Scan# 812  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion: 146 Resp: 203437  
Ion Ratio Lower Upper  
146 100  
148 63.1 50.2 75.4  
75 22.9 18.4 27.6





#13

1,4-Dichlorobenzene

Concen: 46.93 ng

RT: 7.61 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

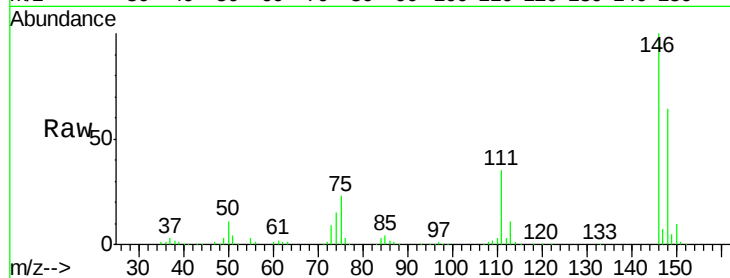
Tot Ion:146 Resp: 206510

Ion Ratio Lower Upper

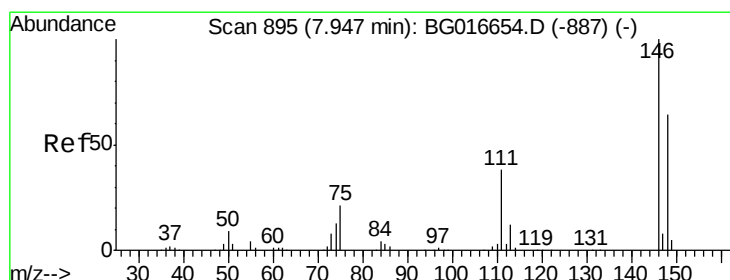
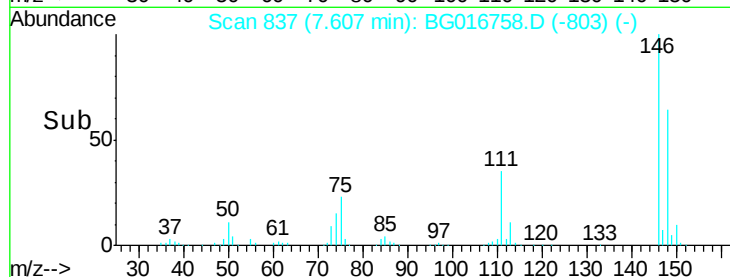
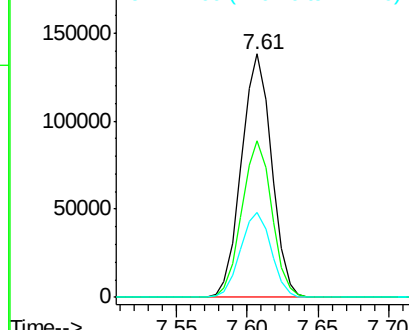
146 100

148 64.3 51.6 77.4

111 34.9 29.0 43.4



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



#14

1,2-Dichlorobenzene

Concen: 47.98 ng

RT: 7.92 min Scan# 891

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

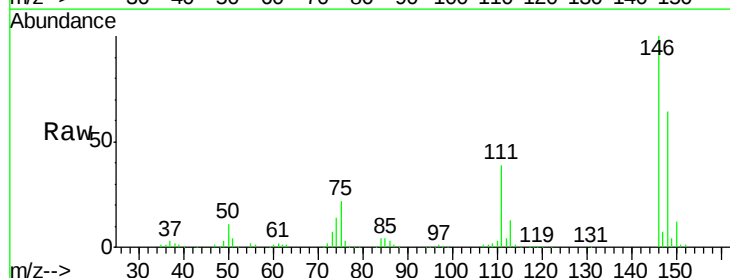
Tgt Ion:146 Resp: 201580

Ion Ratio Lower Upper

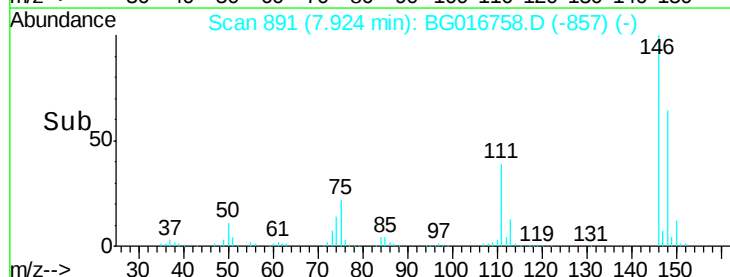
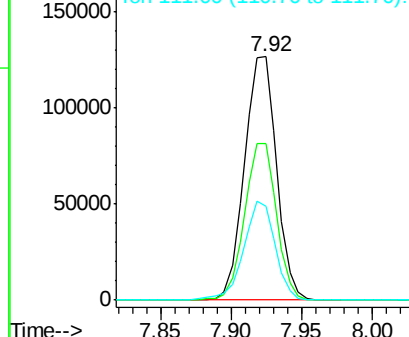
146 100

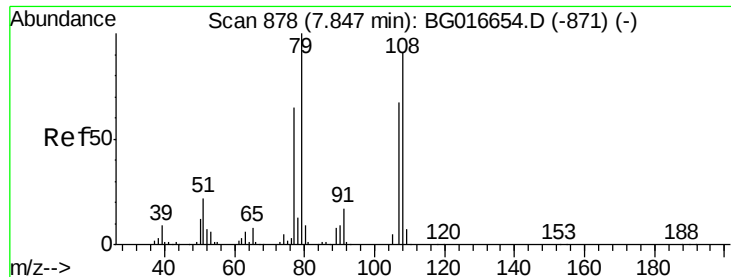
148 64.1 51.3 76.9

111 38.8 31.0 46.4



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: 48.07 ng

RT: 7.82 min Scan# 874

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

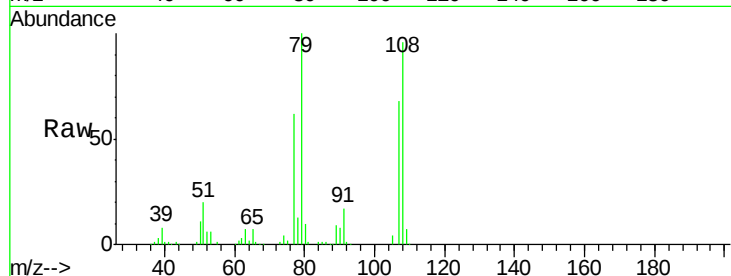
Tot Ion: 79 Resp: 142523

Ion Ratio Lower Upper

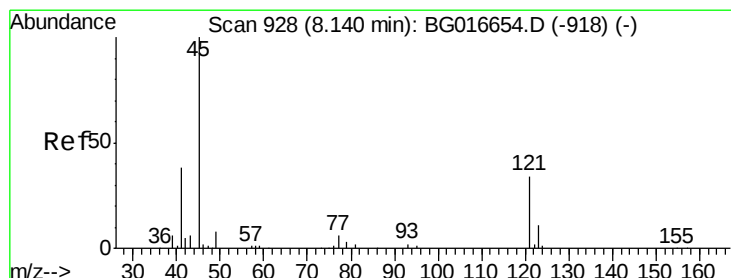
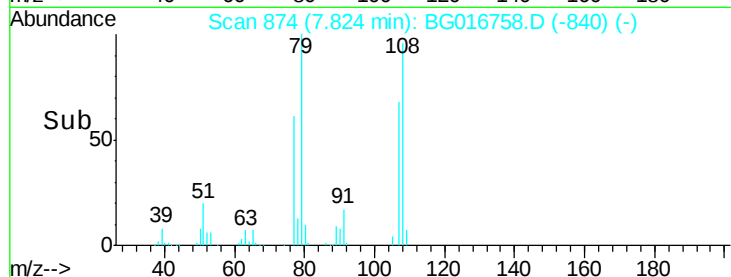
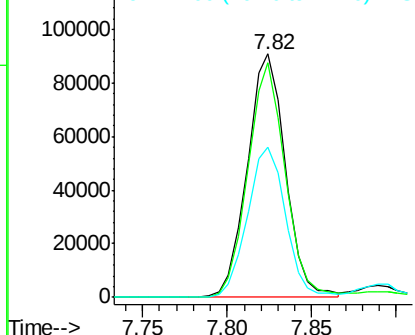
79 100

108 96.2 73.0 109.4

77 61.5 51.8 77.8



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: 45.44 ng

RT: 8.11 min Scan# 923

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

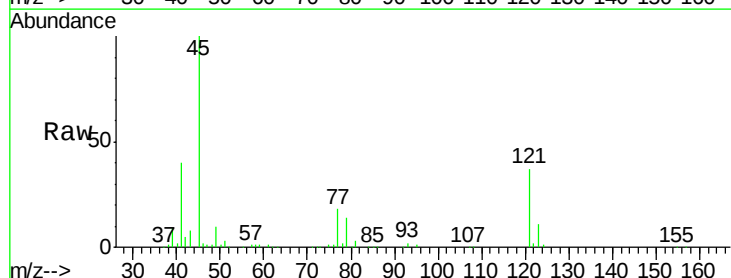
Tgt Ion: 45 Resp: 165332

Ion Ratio Lower Upper

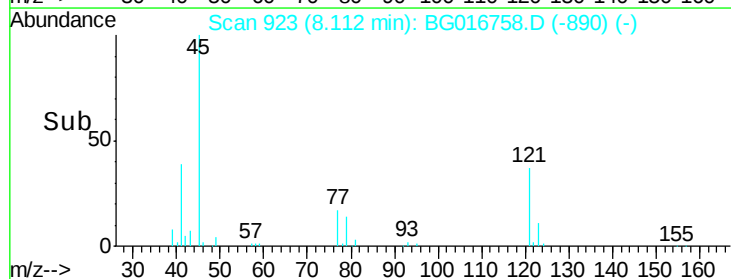
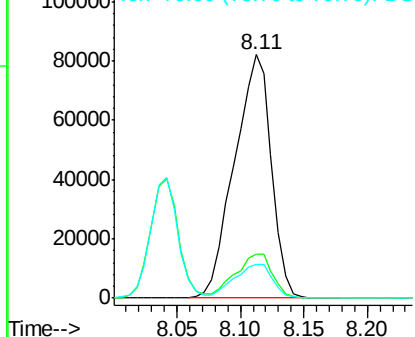
45 100

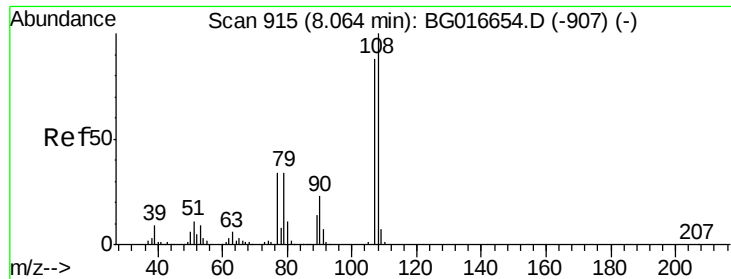
77 18.1 0.0 37.3

79 14.1 0.0 34.7



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

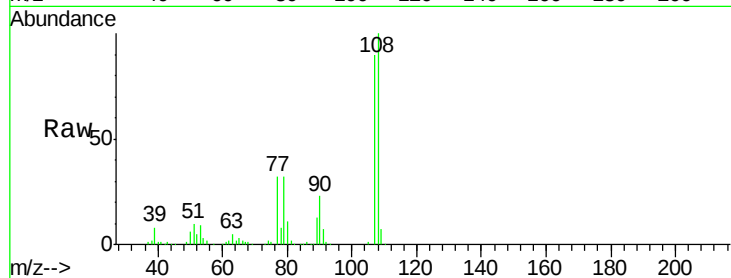




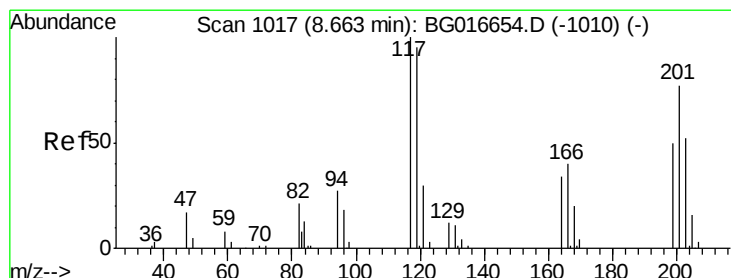
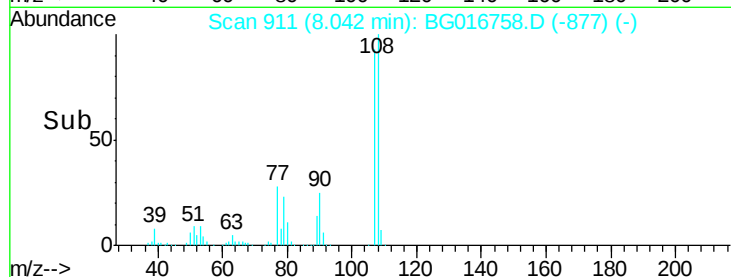
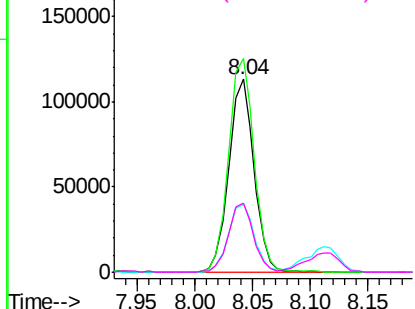
#17  
2-Methylphenol  
Concen: 51.63 ng  
RT: 8.04 min Scan# 911  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 171921 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 110.5 | 90.6  | 135.8  |
| 77       | 35.4  | 31.4  | 47.0   |
| 79       | 35.9  | 30.9  | 46.3   |

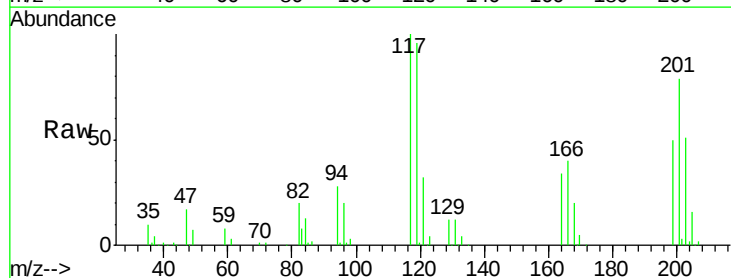


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BGC  
Ion 79.00 (78.70 to 79.70): BGC

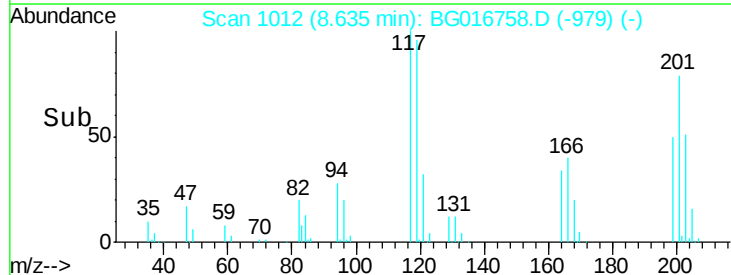
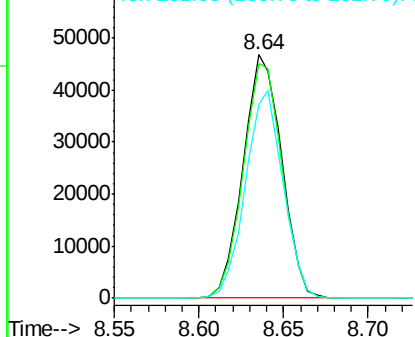


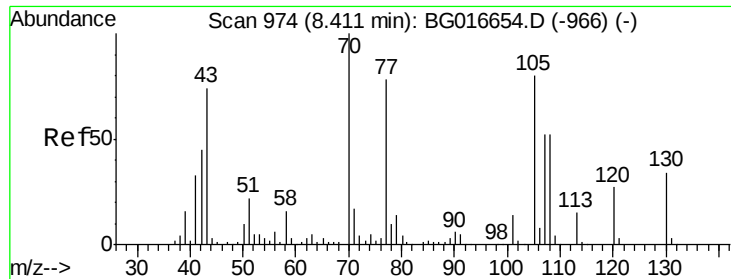
#18  
Hexachloroethane  
Concen: 47.87 ng  
RT: 8.64 min Scan# 1012  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 74264 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.1  | 76.3  | 114.5 |
| 201      | 79.3  | 61.5  | 92.3  |



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

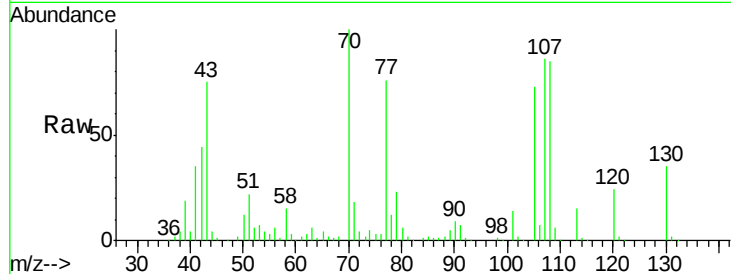




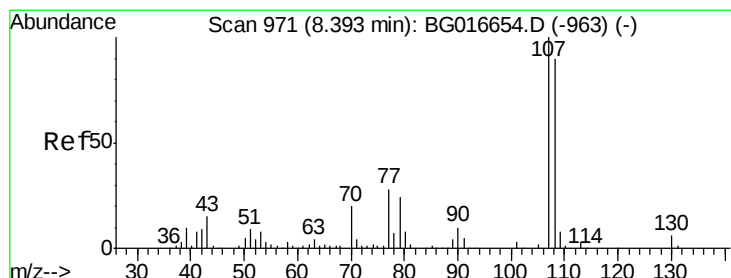
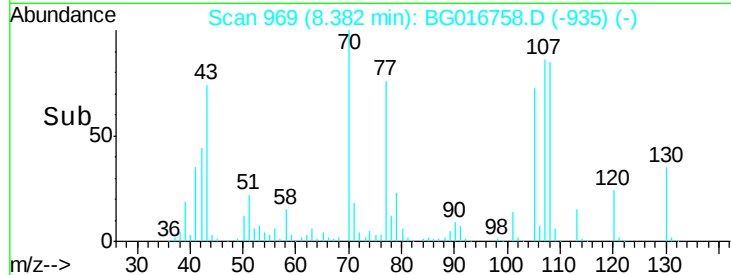
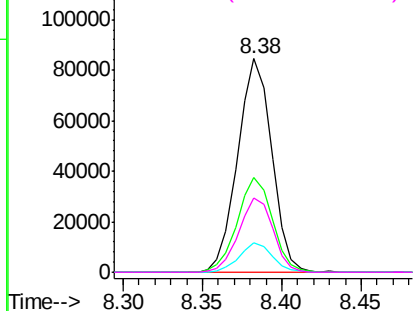
#19  
n-Nitroso-di-n-propylamine  
Concen: 42.86 ng  
RT: 8.38 min Scan# 969  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

Tot Ion: 70 Resp: 126230  
Ion Ratio Lower Upper  
70 100  
42 44.4 35.7 53.5  
101 13.6 11.0 16.4  
130 34.6 27.5 41.3

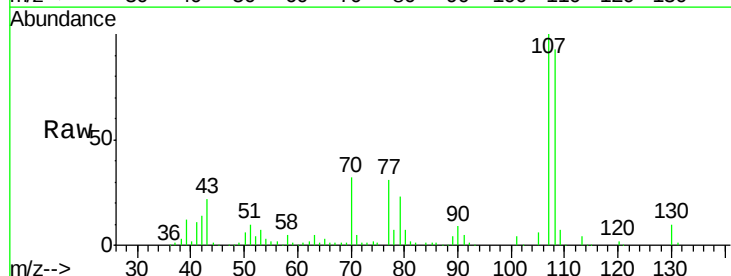


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

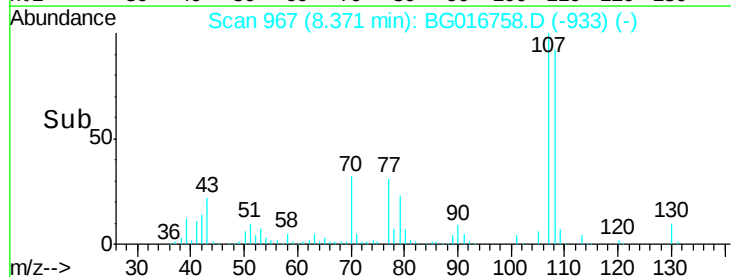
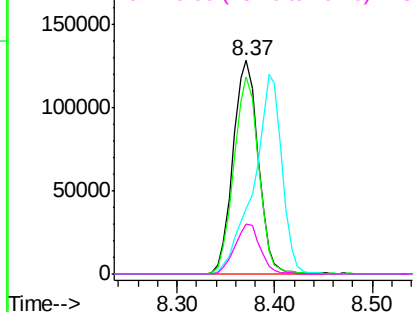


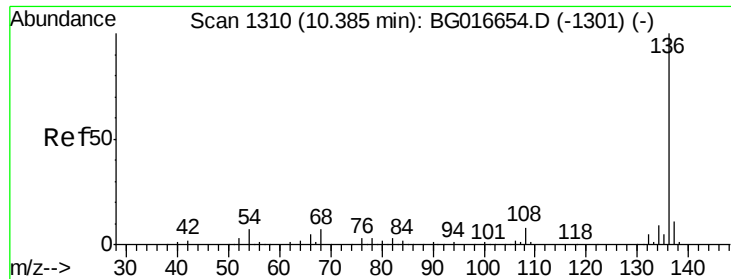
#20  
3+4-Methylphenols  
Concen: 49.27 ng  
RT: 8.37 min Scan# 967  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion: 107 Resp: 230669  
Ion Ratio Lower Upper  
107 100  
108 92.6 69.5 109.5  
77 30.7 8.2 48.2  
79 23.3 4.2 44.2



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

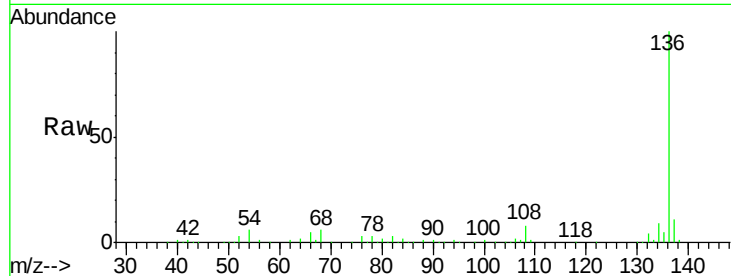




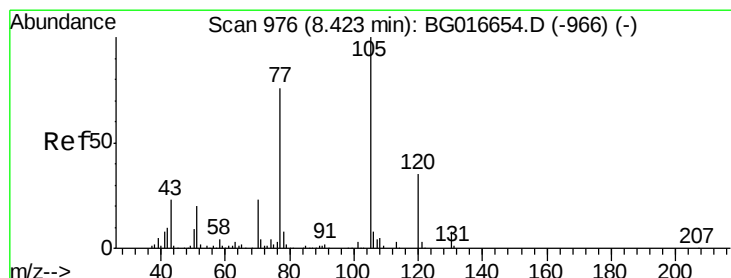
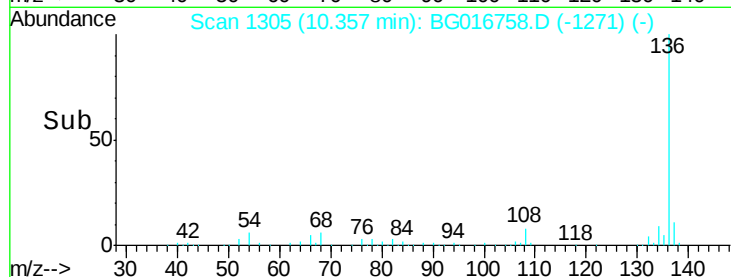
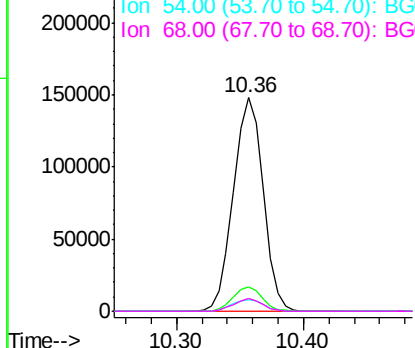
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.36 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

|             |       |          |
|-------------|-------|----------|
| Tot Ion:136 | Resp: | 240059   |
| Ion Ratio   | Lower | Upper    |
| 136         | 100   |          |
| 137         | 11.2  | 8.5 12.7 |
| 54          | 5.5   | 5.4 8.2  |
| 68          | 5.8   | 5.2 7.8  |

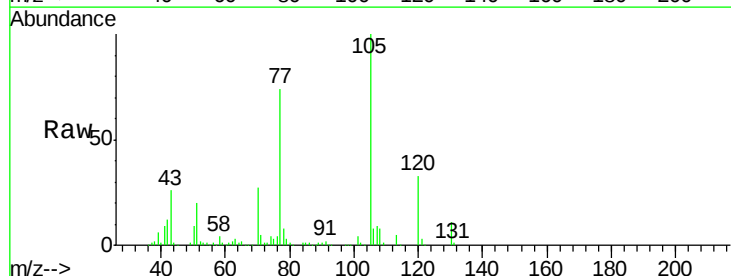


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

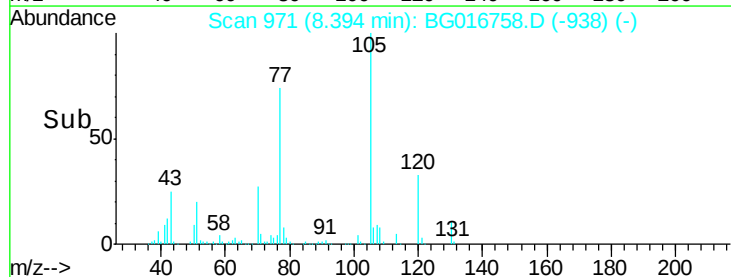
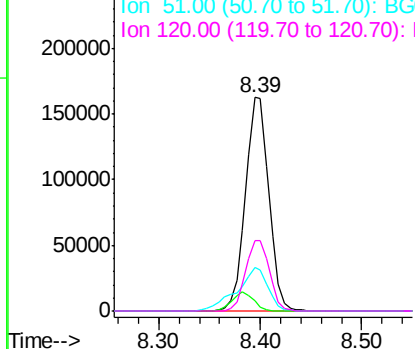


#22  
Acetophenone  
Concen: 49.34 ng  
RT: 8.39 min Scan# 971  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 259950    |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 4.7   | 3.0 4.4#  |
| 51          | 20.4  | 16.5 24.7 |
| 120         | 33.2  | 27.8 41.6 |



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 71.00 (70.70 to 71.70): BGC  
Ion 51.00 (50.70 to 51.70): BGC  
Ion 120.00 (119.70 to 120.70): E

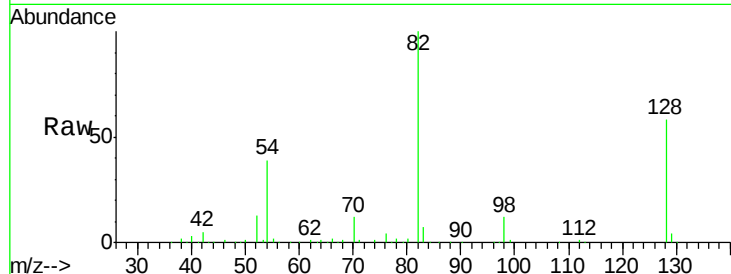




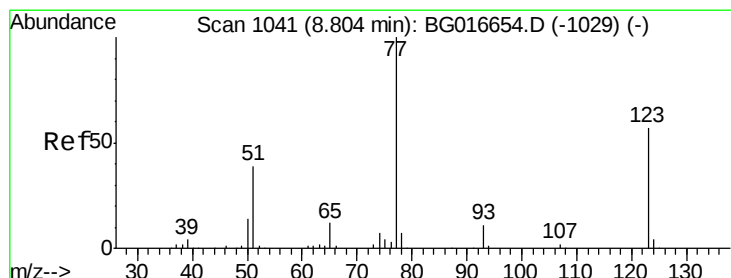
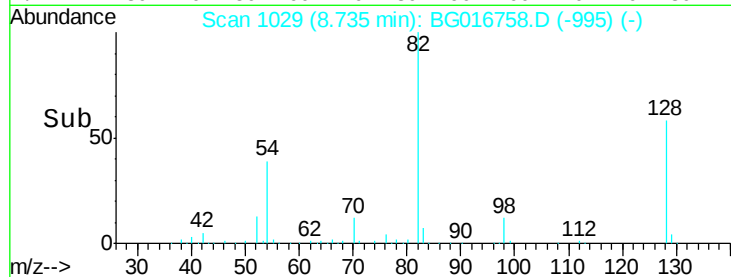
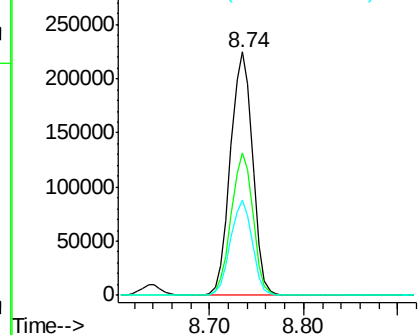
#23  
 Nitrobenzene-d5  
 Concen: 97.13 ng  
 RT: 8.74 min Scan# 1029  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 58.3  | 44.7  | 67.1  |
| 54      | 39.1  | 30.9  | 46.3  |

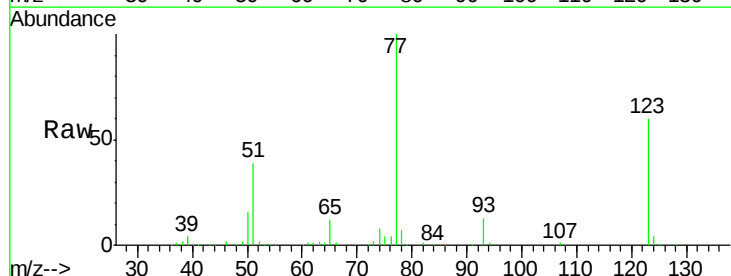


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

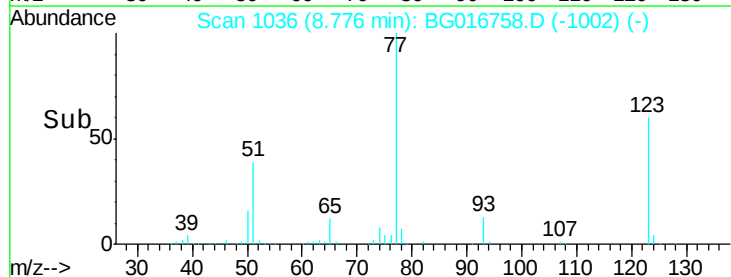
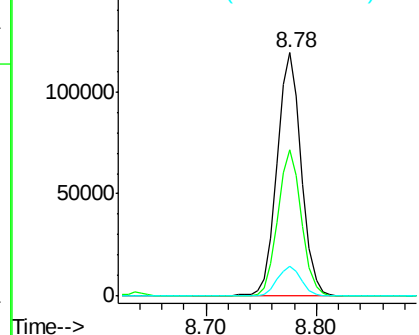


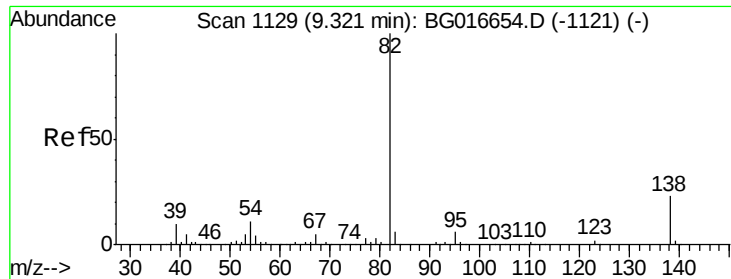
#24  
 Nitrobenzene  
 Concen: 45.78 ng  
 RT: 8.78 min Scan# 1036  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 60.2  | 45.6  | 68.4  |
| 65      | 12.2  | 9.4   | 14.2  |



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: 46.18 ng

RT: 9.29 min Scan# 1124

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

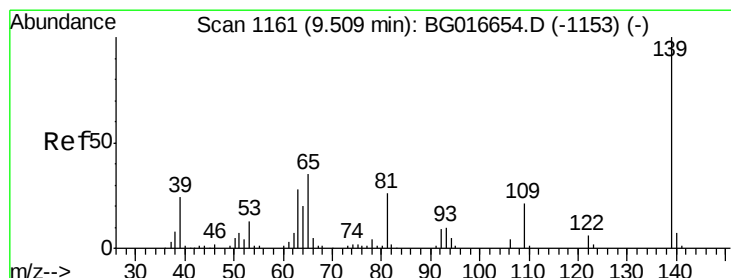
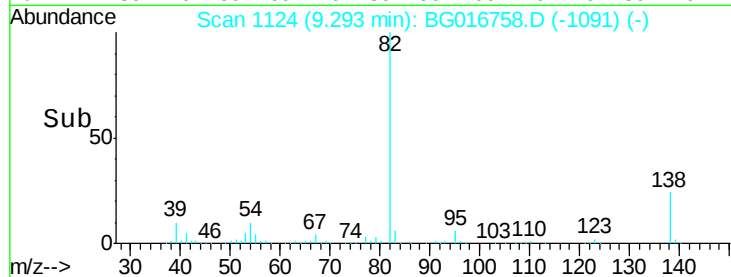
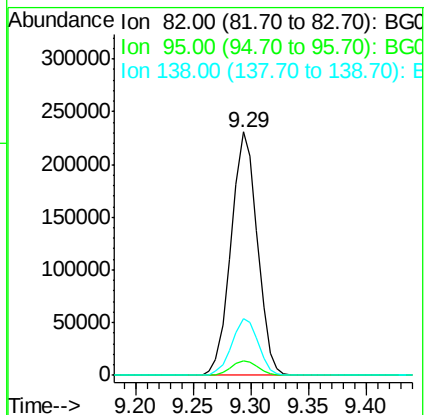
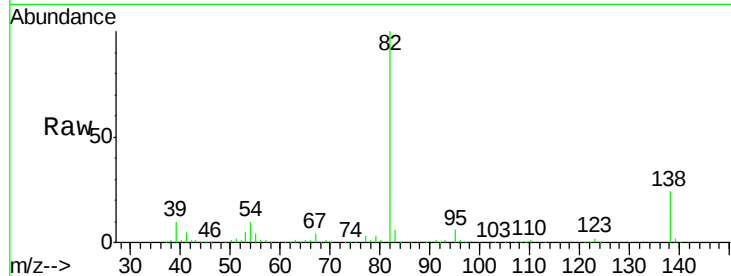
Tot Ion: 82 Resp: 363624

Ion Ratio Lower Upper

82 100

95 6.2 5.0 7.6

138 23.6 18.2 27.2



#26

2-Nitrophenol

Concen: 50.46 ng

RT: 9.48 min Scan# 1156

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

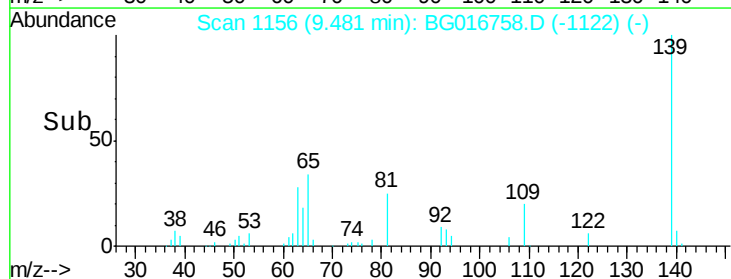
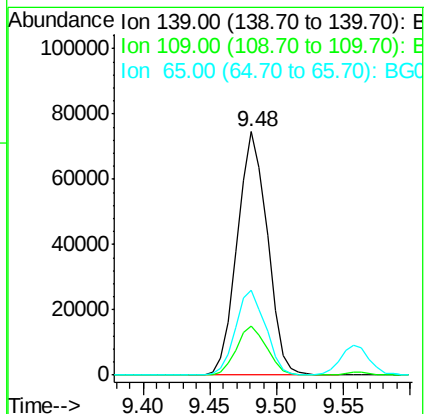
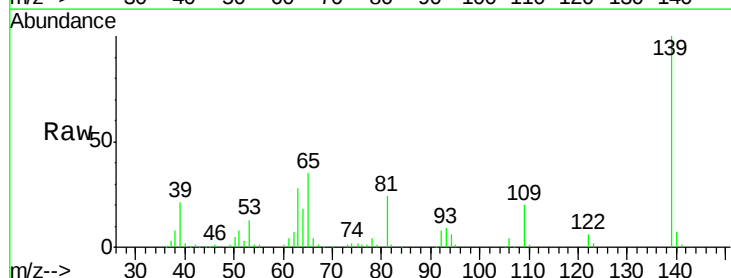
Tgt Ion: 139 Resp: 116818

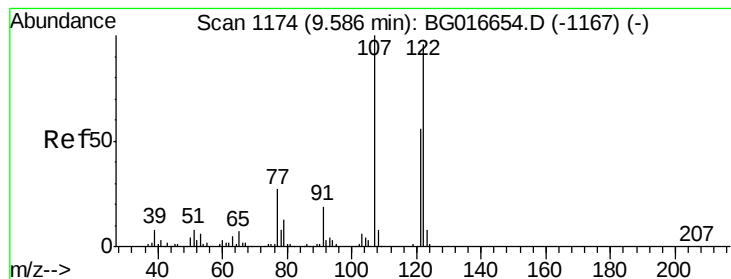
Ion Ratio Lower Upper

139 100

109 20.0 17.0 25.6

65 34.9 28.2 42.4

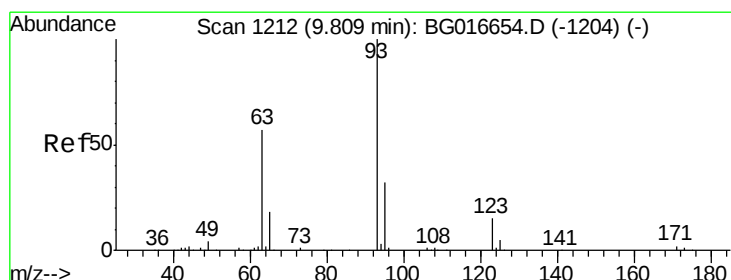
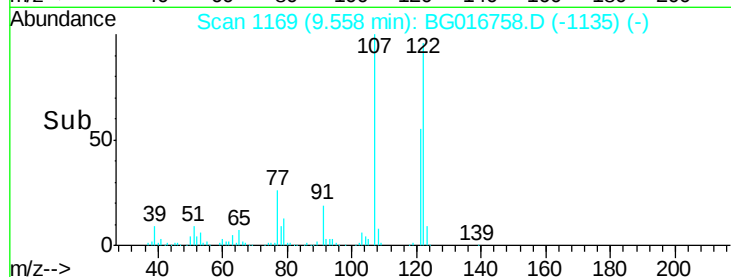
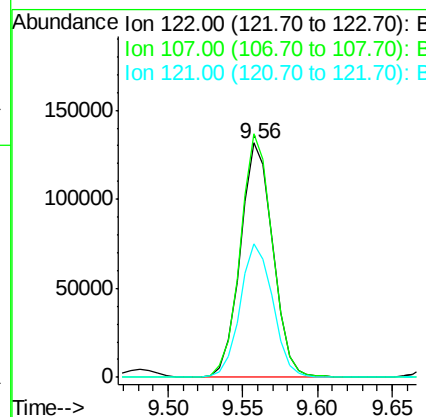
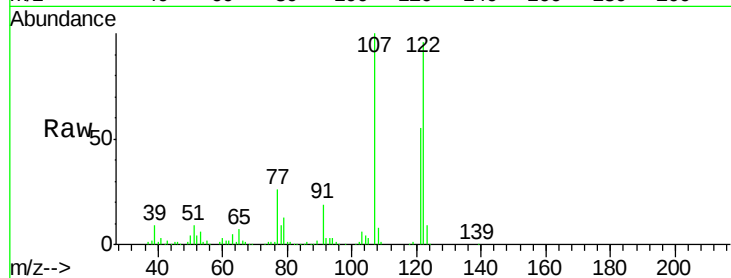




#27  
 2,4-Dimethylphenol  
 Concen: 51.52 ng  
 RT: 9.56 min Scan# 1169  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

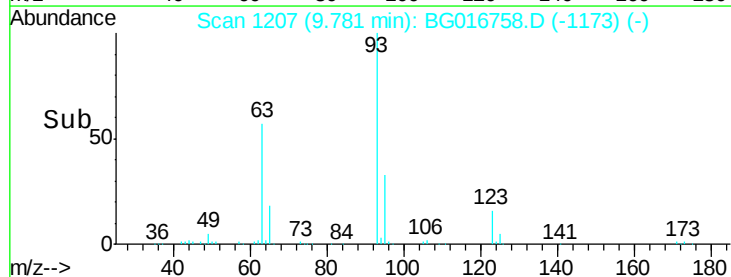
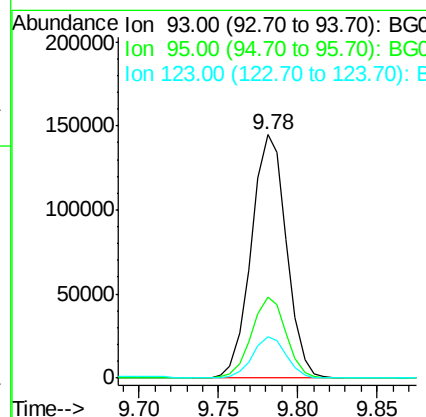
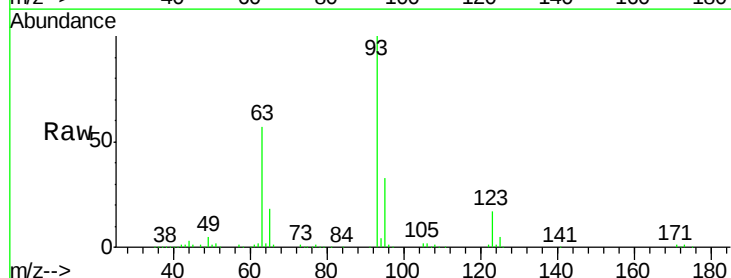
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

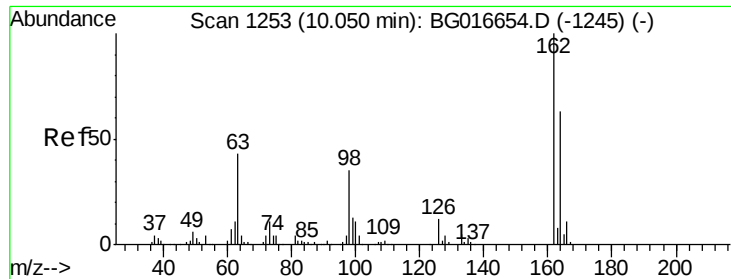
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 104.0 | 83.6  | 125.4 |
| 121     | 57.3  | 46.8  | 70.2  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 46.87 ng  
 RT: 9.78 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 33.4  | 25.4  | 38.2  |
| 123     | 16.9  | 12.2  | 18.4  |

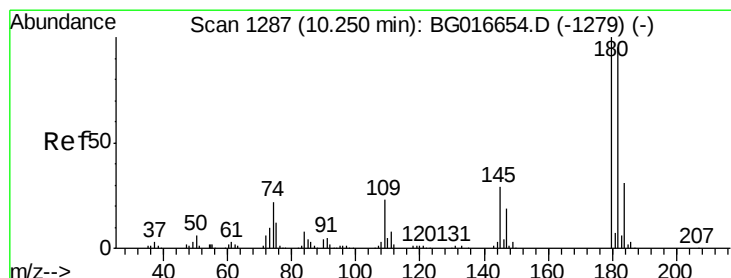
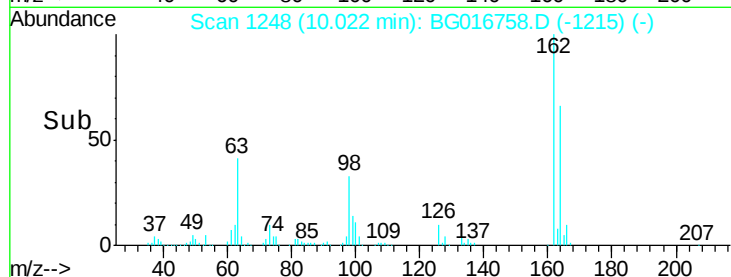
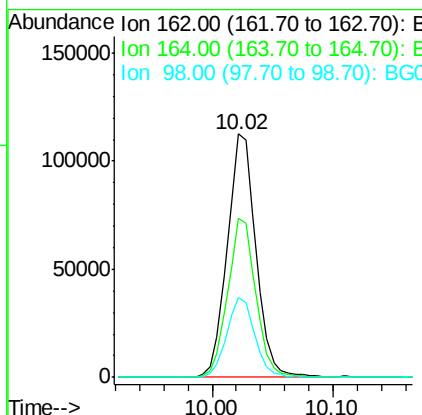
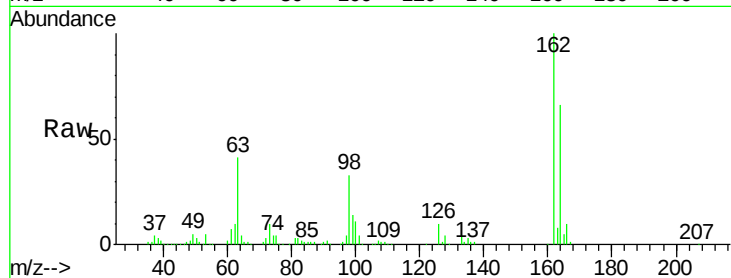




#29  
 2,4-Dichlorophenol  
 Concen: 56.56 ng  
 RT: 10.02 min Scan# 1248  
 Delta R.T. -0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

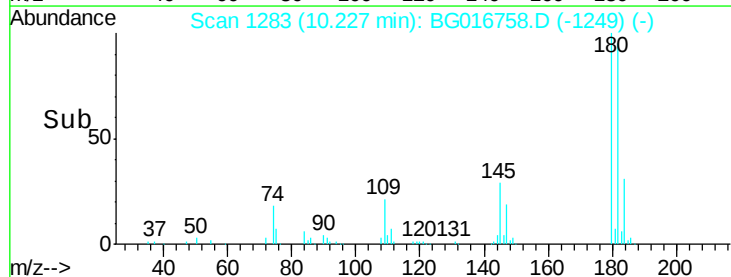
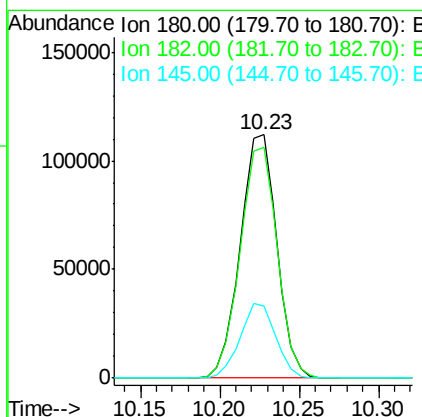
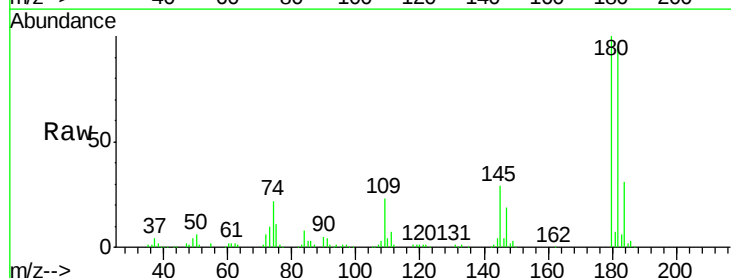
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

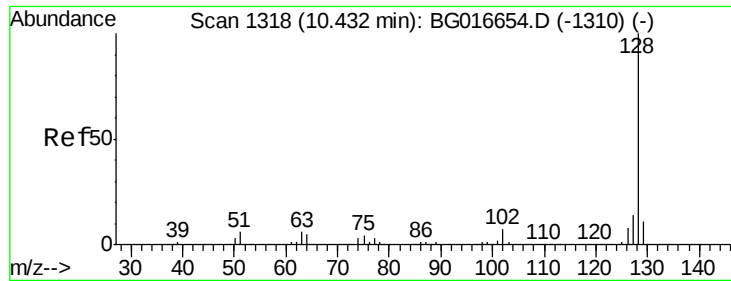
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 65.6  | 42.9  | 82.9  |
| 98      | 32.5  | 15.4  | 55.4  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 51.52 ng  
 RT: 10.23 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 76.2  | 114.4 |
| 145     | 29.5  | 23.2  | 34.8  |

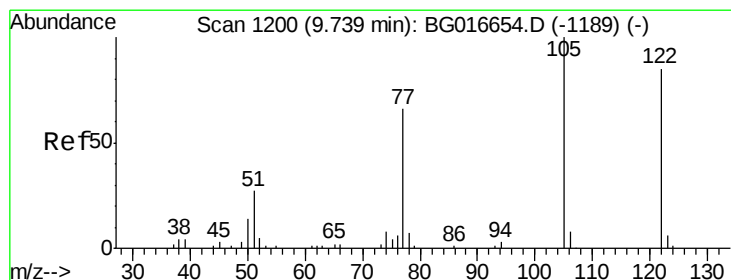
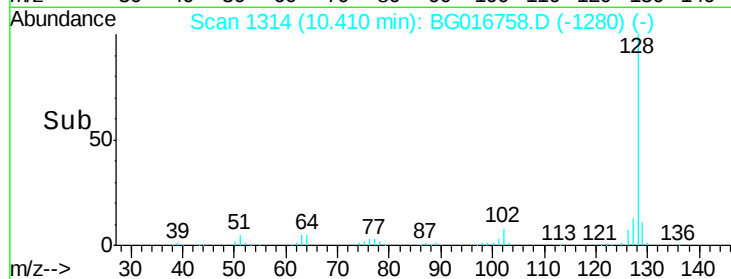
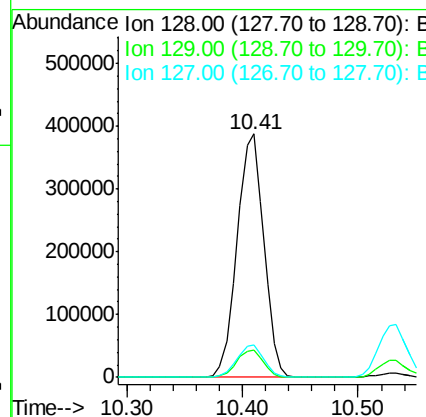
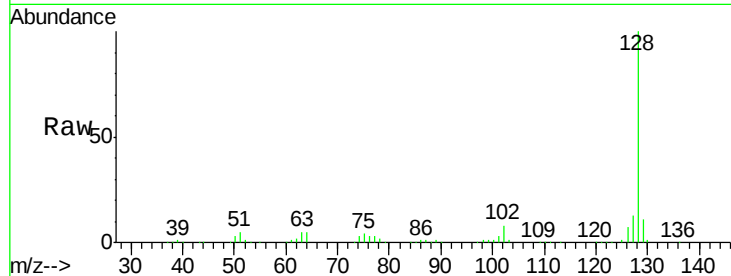




#31  
Naphthalene  
Concen: 49.05 ng  
RT: 10.41 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

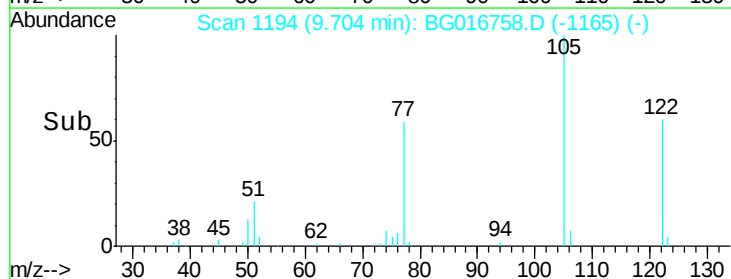
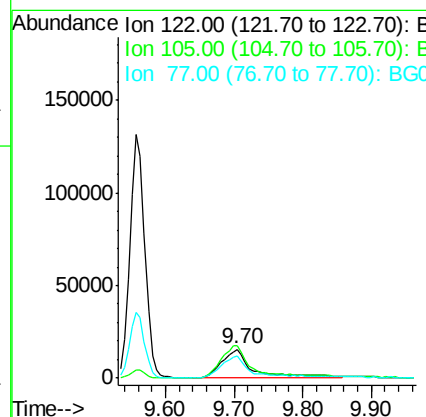
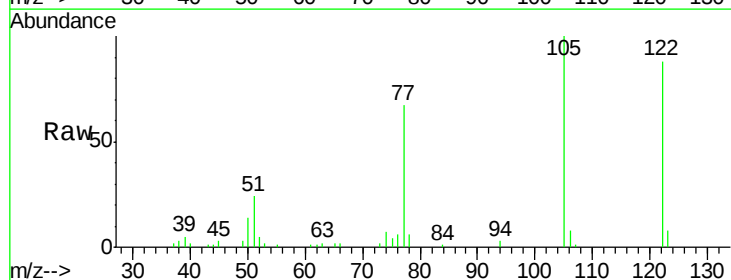
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

Tot Ion:128 Resp: 620925  
Ion Ratio Lower Upper  
128 100  
129 11.0 9.0 13.6  
127 13.5 11.1 16.7



#32  
Benzoic acid  
Concen: 27.15 ng  
RT: 9.70 min Scan# 1194  
Delta R.T. -0.03 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:122 Resp: 47011  
Ion Ratio Lower Upper  
122 100  
105 113.0 97.2 137.2  
77 75.8 58.4 98.4

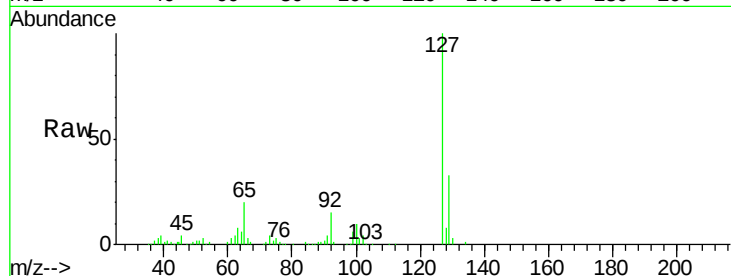




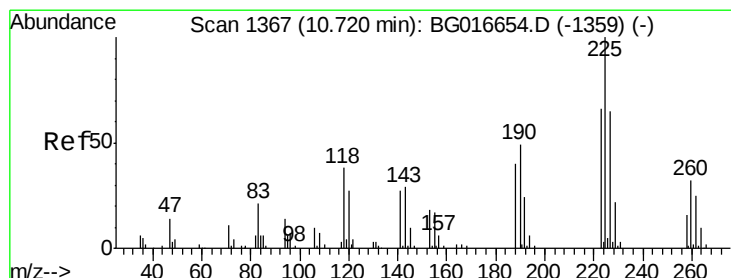
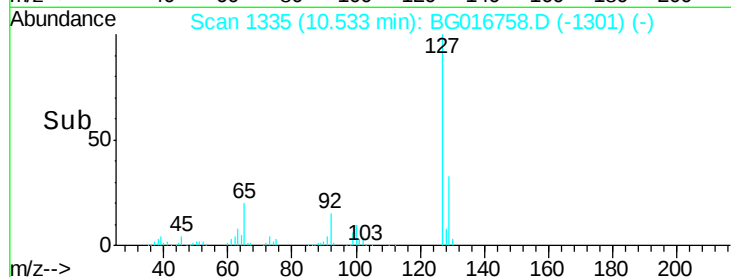
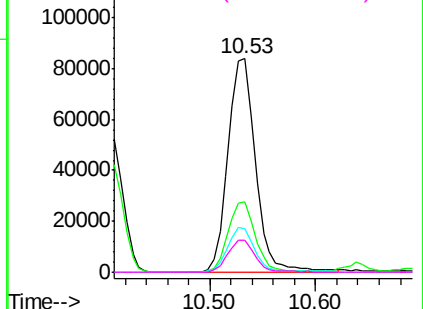
#33  
4-Chloroaniline  
Concen: 25.93 ng  
RT: 10.53 min Scan# 1335  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 151210 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 33.0  | 27.4  | 41.2   |
| 65       | 20.3  | 19.1  | 28.7   |
| 92       | 14.9  | 12.6  | 18.8   |

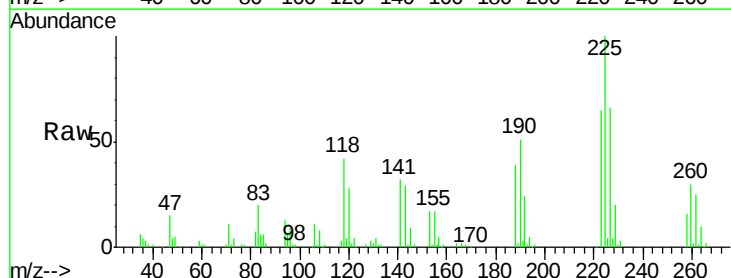


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BG  
Ion 92.00 (91.70 to 92.70): BG

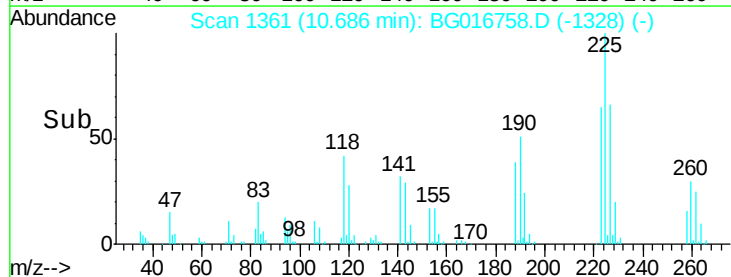
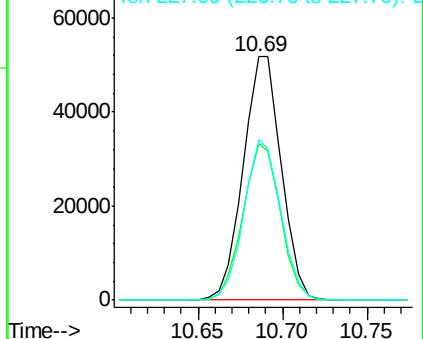


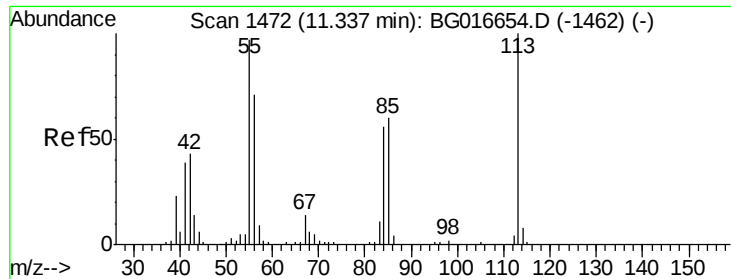
#34  
Hexachlorobutadiene  
Concen: 52.14 ng  
RT: 10.69 min Scan# 1361  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 81113 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 64.6  | 52.6  | 79.0  |
| 227      | 66.0  | 52.0  | 78.0  |



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





#35

Caprolactam

Concen: 50.45 ng/ml

RT: 11.31 min Scan# 1468

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

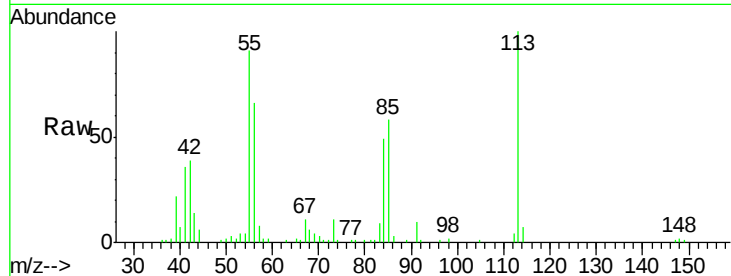
Tot Ion:113 Resp: 89371

Ion Ratio Lower Upper

113 100

55 91.4 77.1 117.1

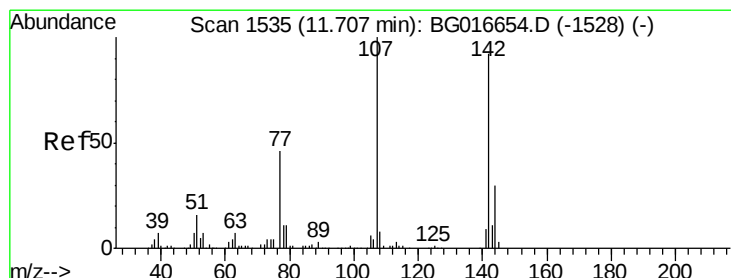
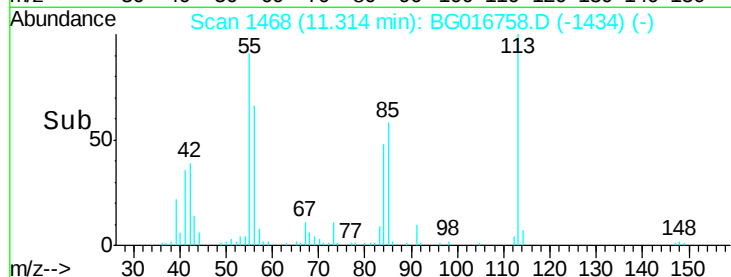
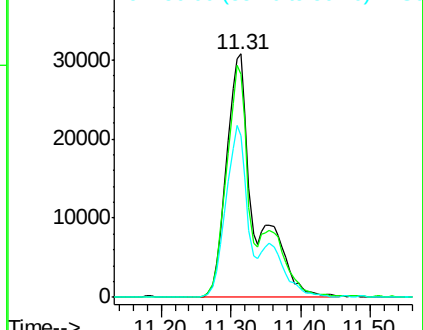
56 66.4 51.4 91.4



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: 52.33 ng/ml

RT: 11.68 min Scan# 1531

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

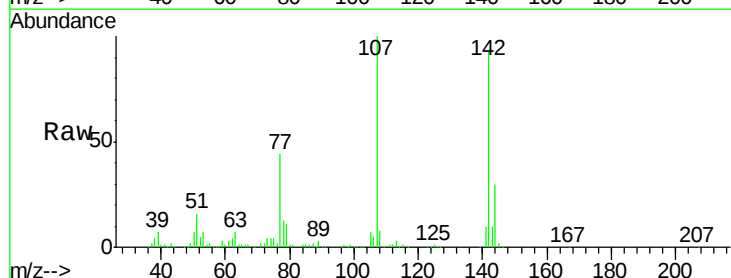
Tgt Ion:107 Resp: 199966

Ion Ratio Lower Upper

107 100

144 29.9 24.2 36.4

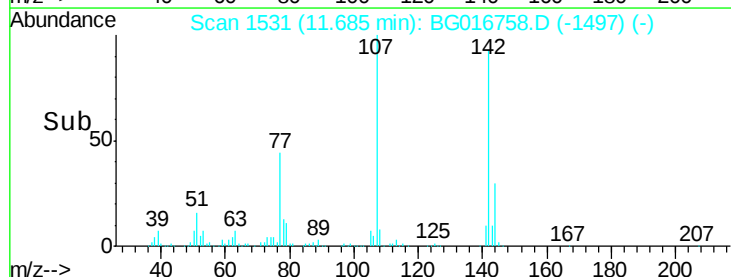
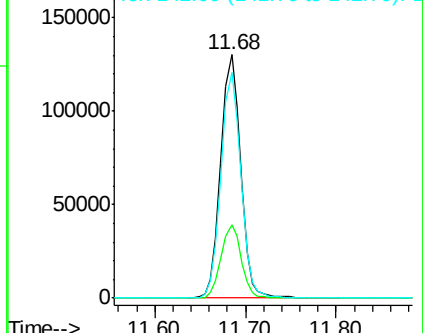
142 92.8 73.8 110.6

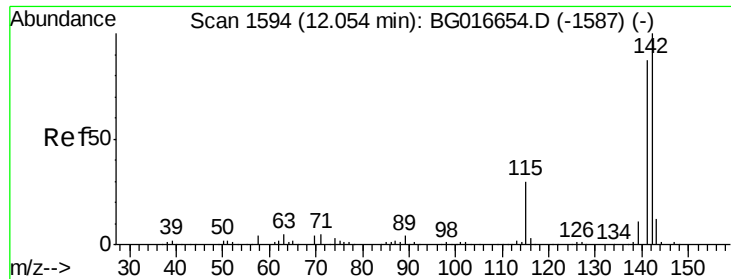


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

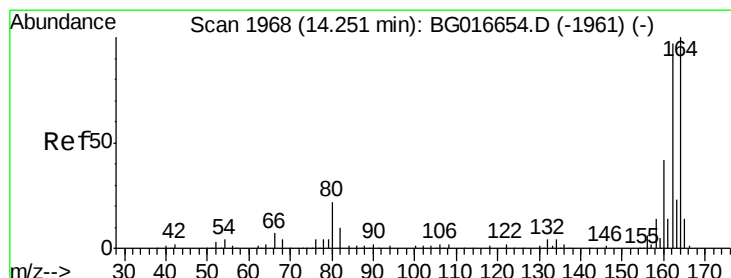
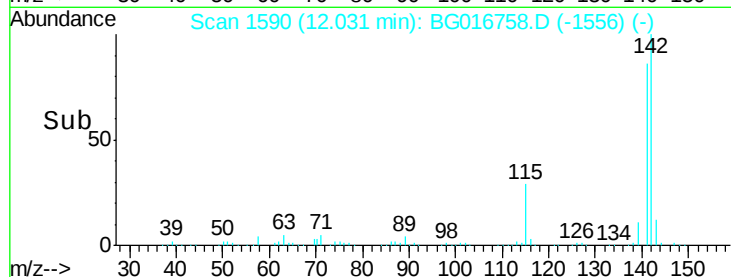
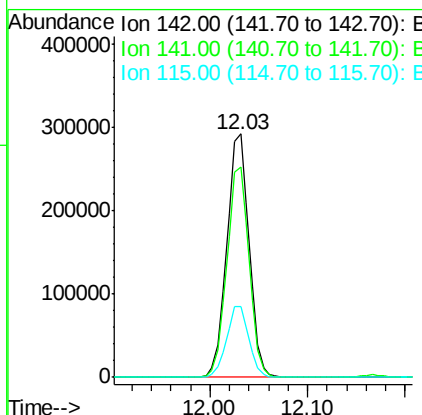
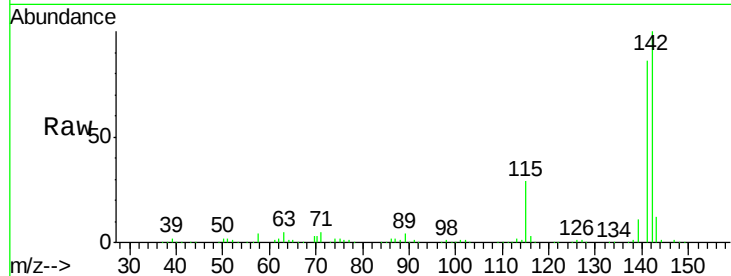




#37  
2-Methylnaphthalene  
Concen: 50.45 ng  
RT: 12.03 min Scan# 1590  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

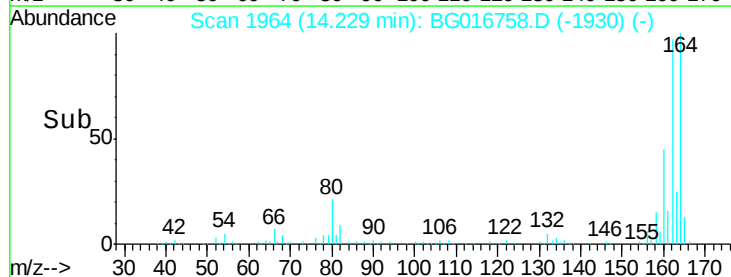
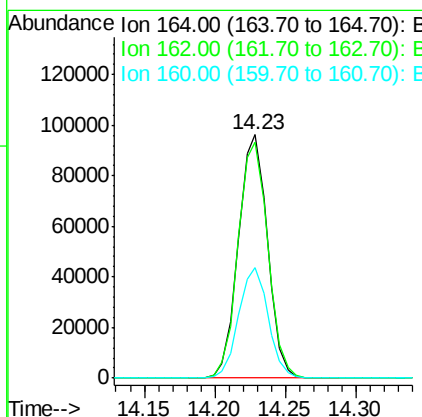
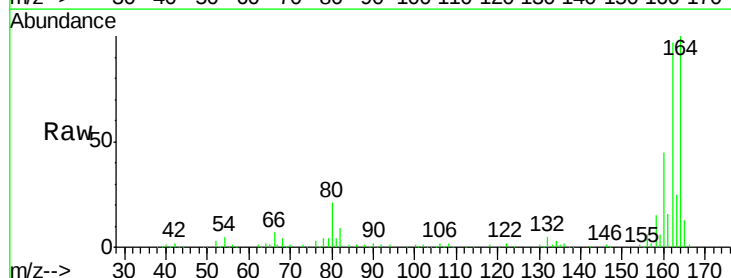
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

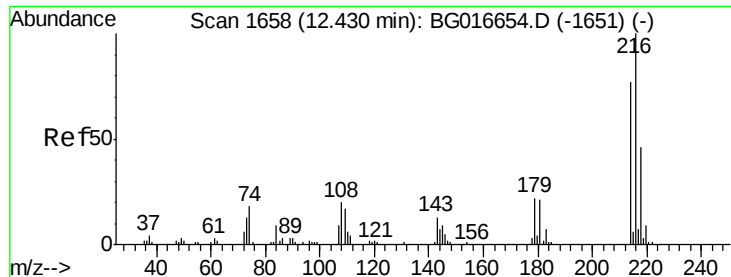
Tot Ion:142 Resp: 461192  
Ion Ratio Lower Upper  
142 100  
141 86.4 69.9 104.9  
115 29.1 24.0 36.0



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.23 min Scan# 1964  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:164 Resp: 138446  
Ion Ratio Lower Upper  
164 100  
162 97.0 77.3 115.9  
160 45.2 33.7 50.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.15 ng

RT: 12.41 min Scan# 1654

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

Tot Ion:216 Resp: 175281

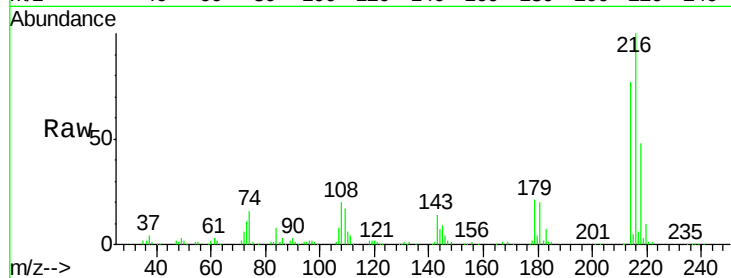
Ion Ratio Lower Upper

216 100

214 78.4 63.8 95.8

179 21.6 17.6 26.4

108 21.9 18.1 27.1

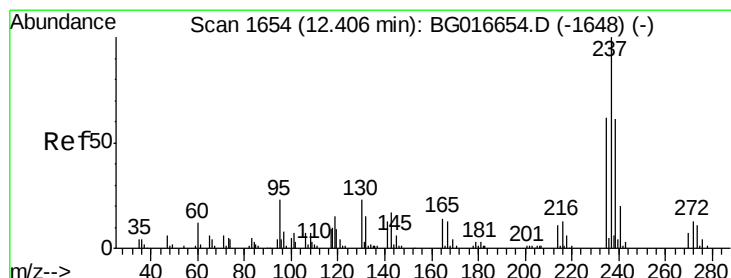
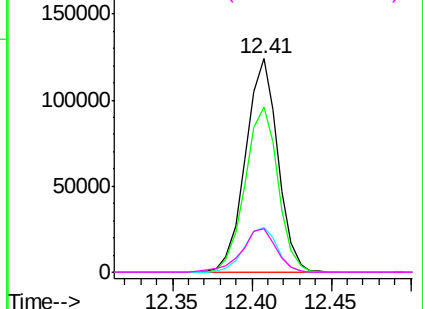
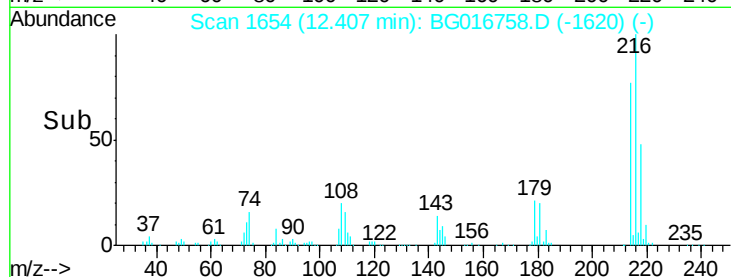


Abundance Ion 216.00 (215.70 to 216.70): E

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: 46.23 ng

RT: 12.38 min Scan# 1650

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

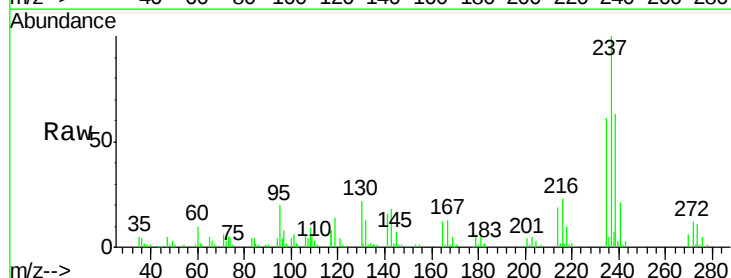
Tgt Ion:237 Resp: 54776

Ion Ratio Lower Upper

237 100

235 61.3 42.2 82.2

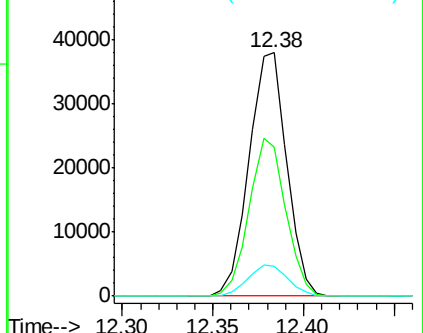
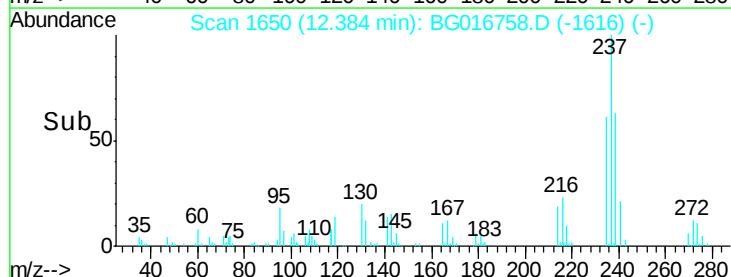
272 12.4 0.0 32.8

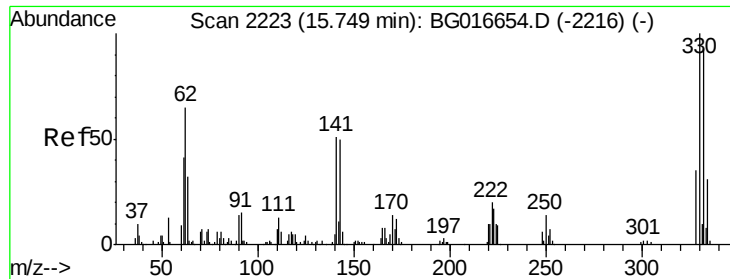


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

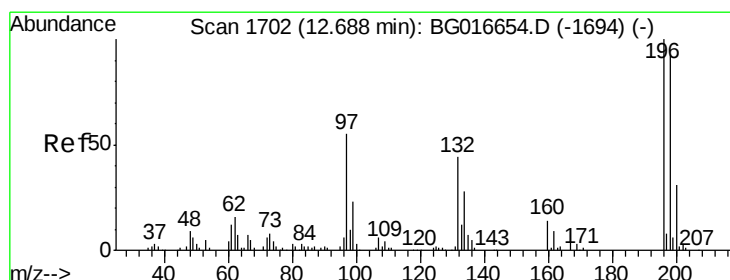
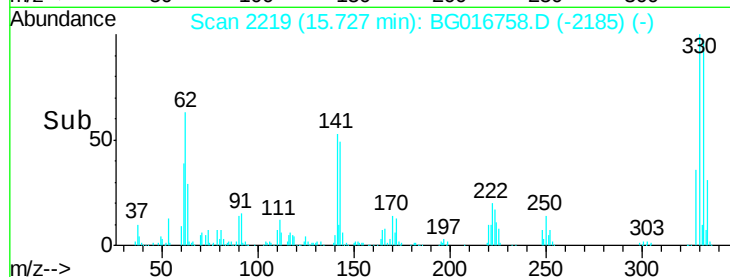
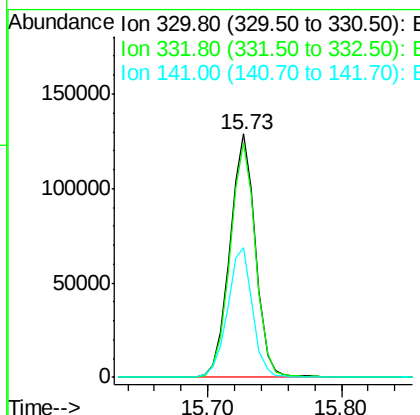
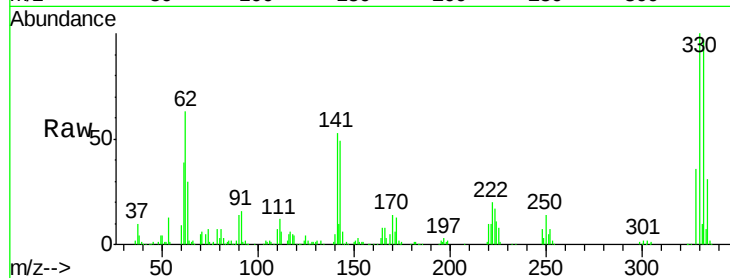




#41  
 2,4,6-Tribromophenol  
 Concen: 168.33 ng  
 RT: 15.73 min Scan# 2219  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

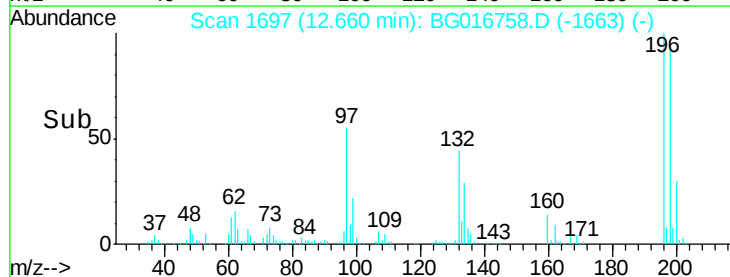
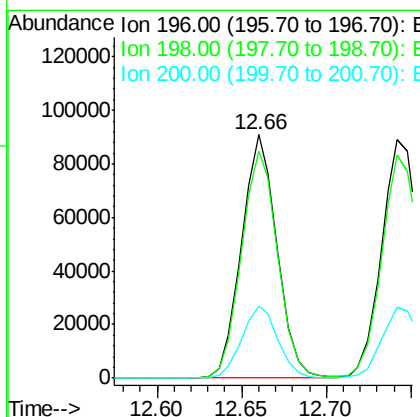
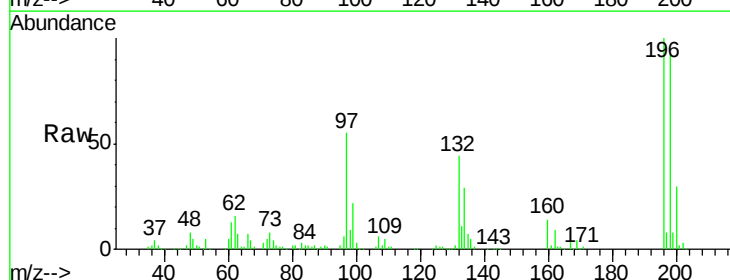
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

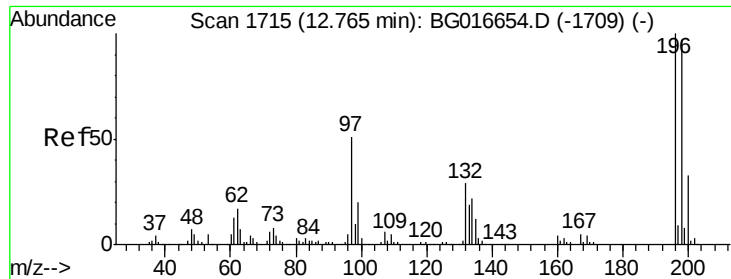
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 76.2  | 114.4 |
| 141     | 52.4  | 43.0  | 64.6  |



#42  
 2,4,6-Trichlorophenol  
 Concen: 55.03 ng  
 RT: 12.66 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.1  | 74.6  | 111.8 |
| 200     | 29.8  | 24.6  | 37.0  |

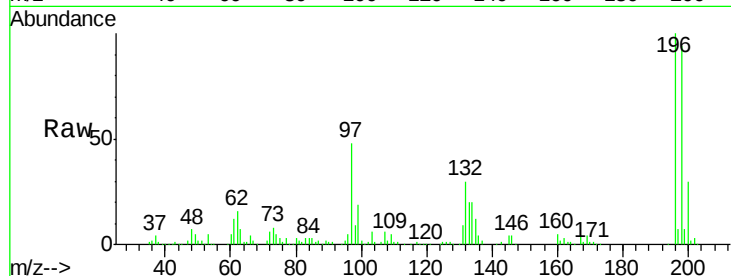




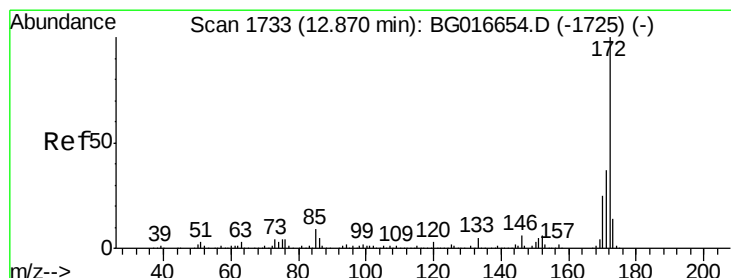
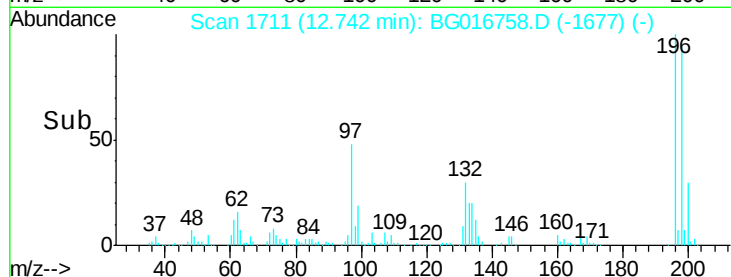
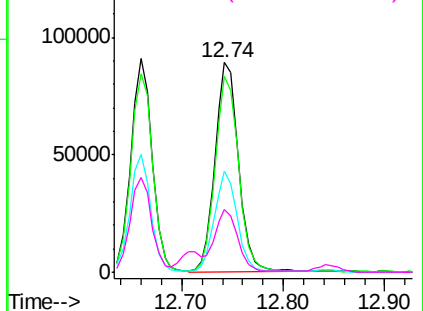
#43  
 2,4,5-Trichlorophenol  
 Concen: 55.84 ng  
 RT: 12.74 min Scan# 1711  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.7  | 77.4  | 116.0 |
| 97      | 48.0  | 40.9  | 61.3  |
| 132     | 29.8  | 23.2  | 34.8  |

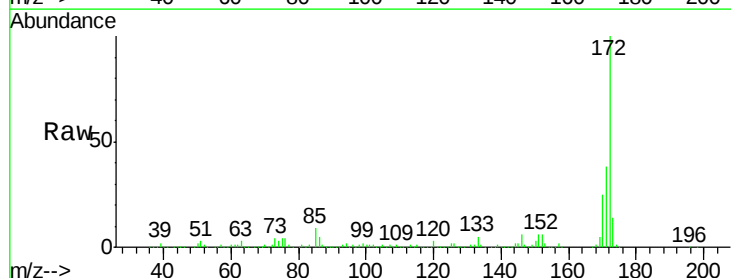


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

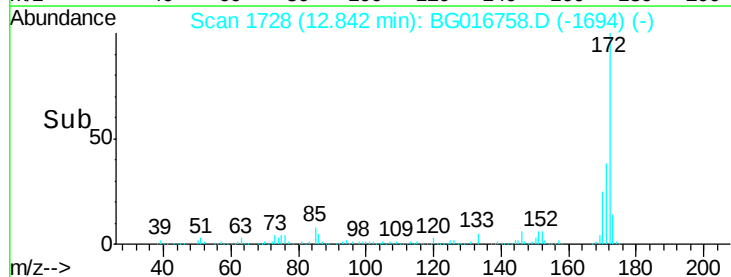
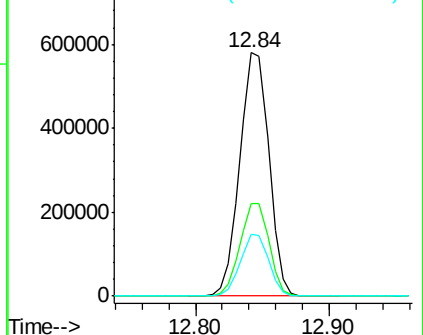


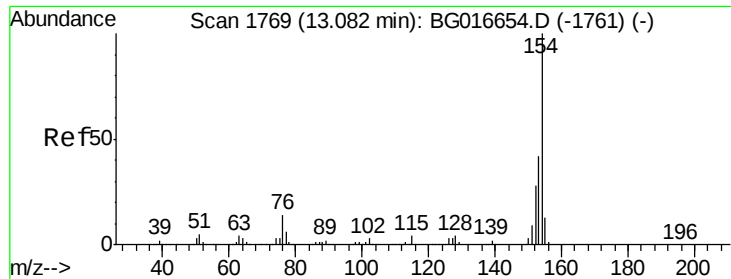
#44  
 2-Fluorobiphenyl  
 Concen: 101.71 ng  
 RT: 12.84 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 38.0  | 29.9  | 44.9  |
| 170     | 25.3  | 19.8  | 29.8  |



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

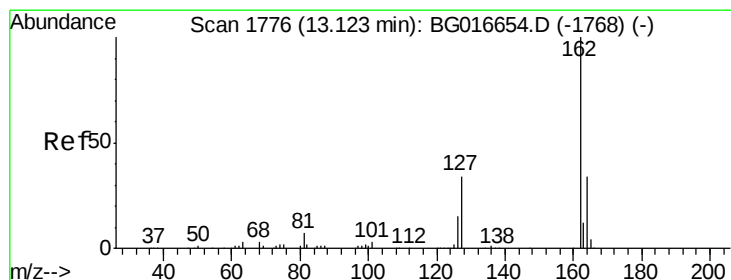
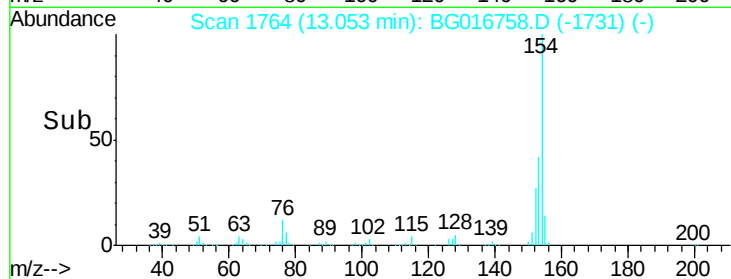
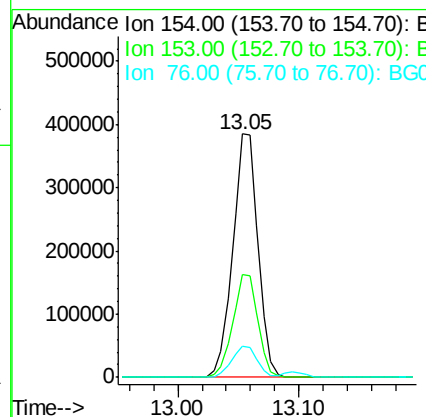
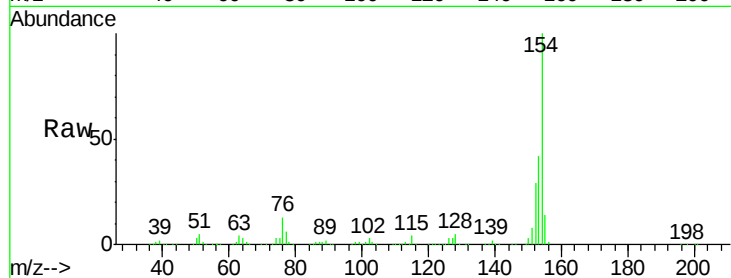




#45  
 1,1'-Biphenyl  
 Concen: 50.95 ng  
 RT: 13.05 min Scan# 1764  
 Delta R.T. -0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

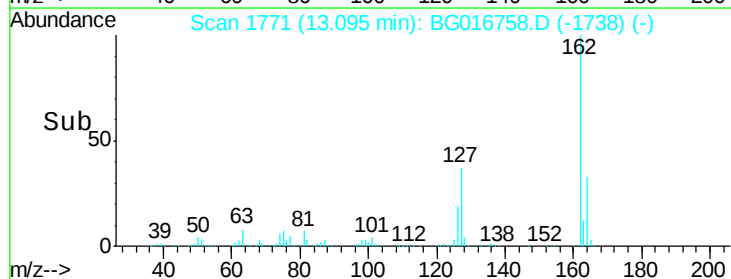
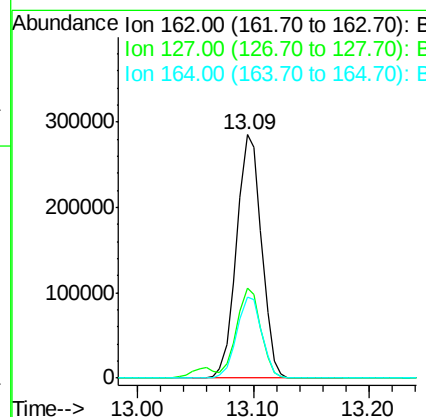
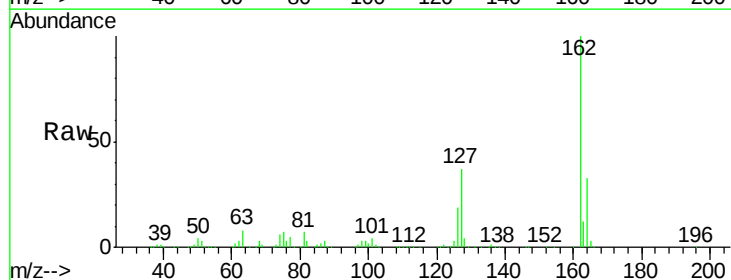
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

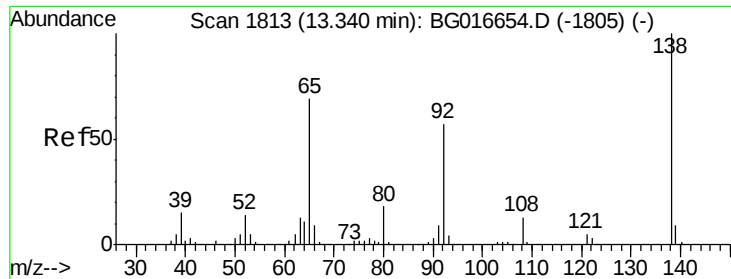
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.1  | 21.8  | 61.8  |
| 76      | 13.0  | 0.0   | 33.7  |



#46  
 2-Chloronaphthalene  
 Concen: 51.11 ng  
 RT: 13.09 min Scan# 1771  
 Delta R.T. -0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 37.2  | 30.4  | 45.6  |
| 164     | 33.1  | 26.9  | 40.3  |

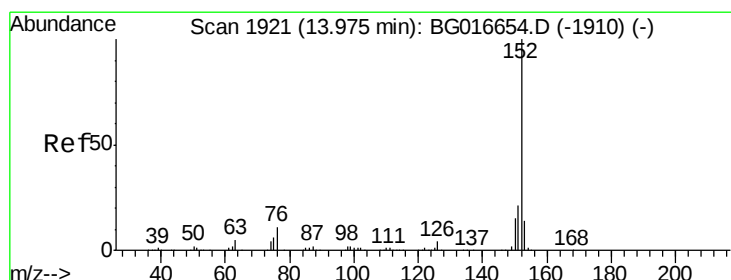
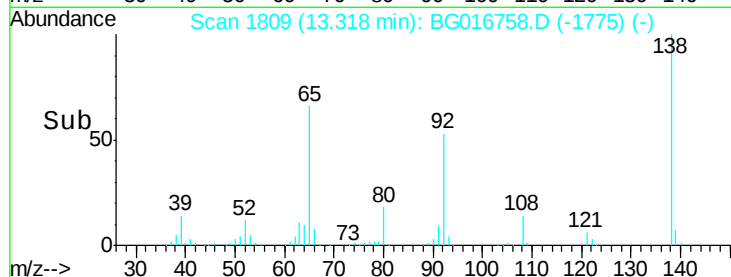
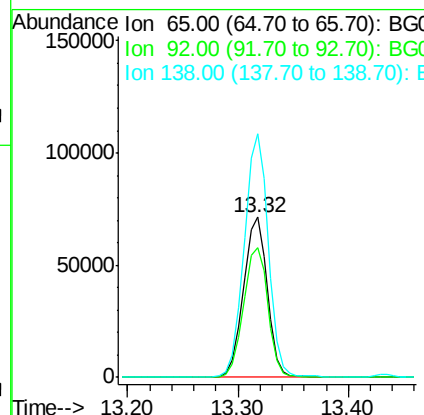
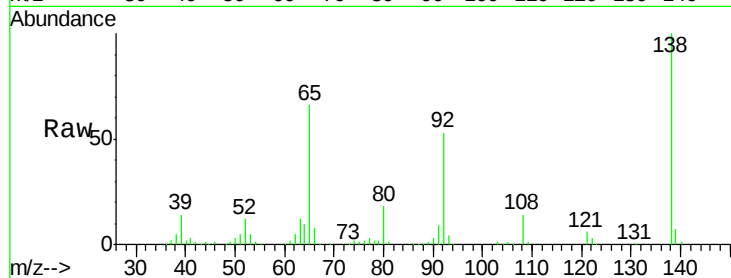




#47  
2-Nitroaniline  
Concen: 47.70 ng  
RT: 13.32 min Scan# 1809  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

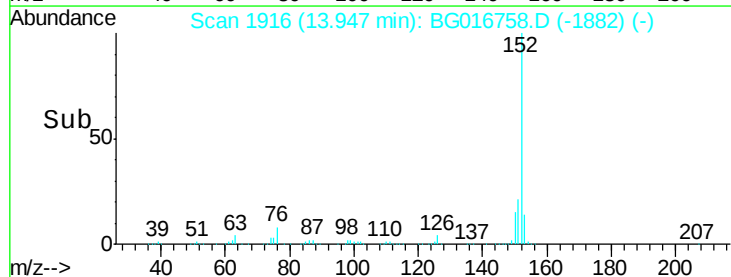
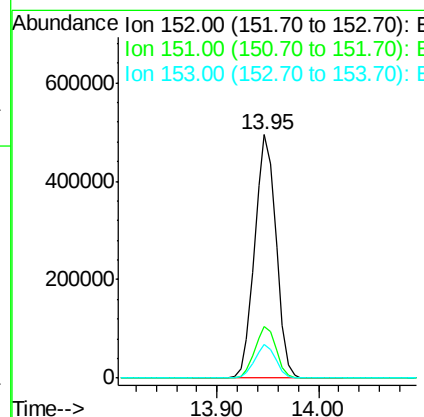
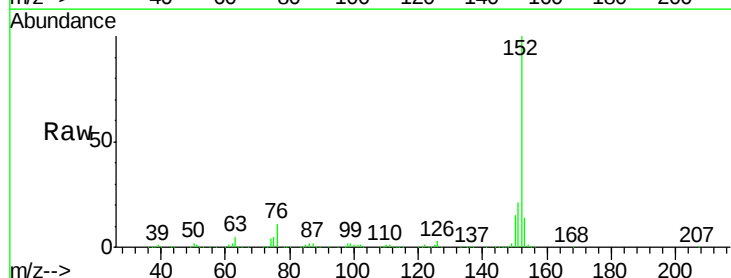
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

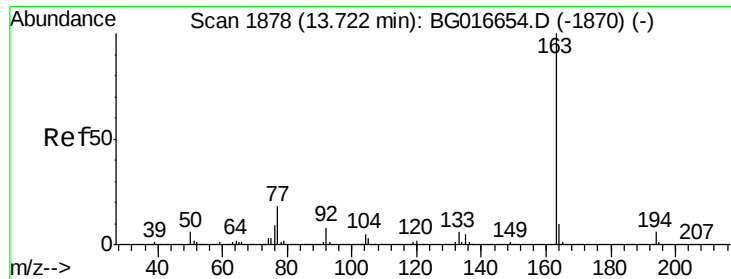
Tot Ion: 65 Resp: 108750  
Ion Ratio Lower Upper  
65 100  
92 81.0 65.9 98.9  
138 152.0 115.4 173.2



#48  
Acenaphthylene  
Concen: 49.42 ng  
RT: 13.95 min Scan# 1916  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion: 152 Resp: 723444  
Ion Ratio Lower Upper  
152 100  
151 21.1 16.7 25.1  
153 13.8 11.0 16.6

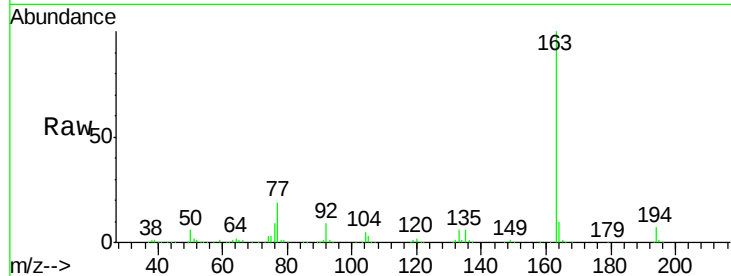




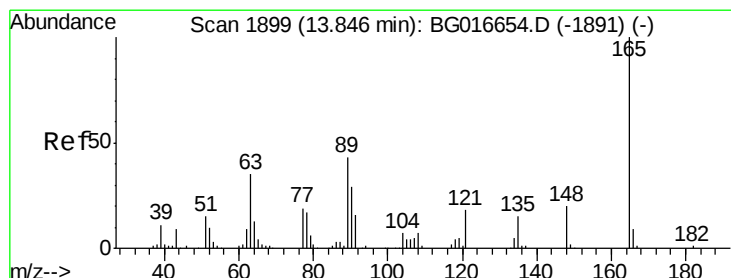
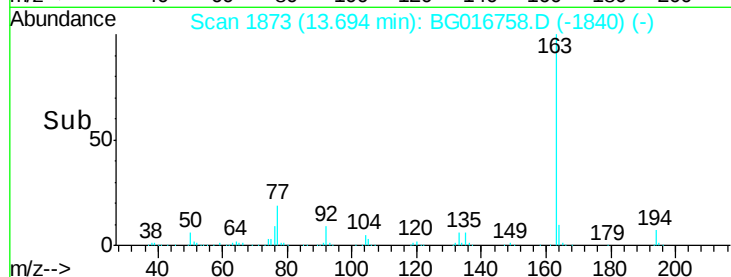
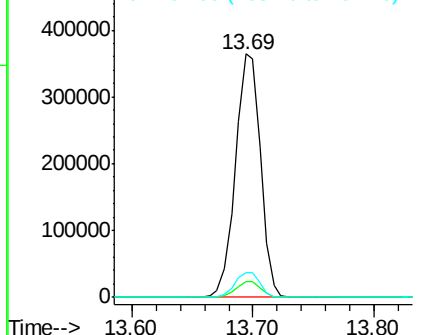
#49  
Dimethylphthalate  
Concen: 50.86 ng  
RT: 13.69 min Scan# 1873  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

Tot Ion:163 Resp: 526749  
Ion Ratio Lower Upper  
163 100  
194 6.6 5.0 7.4  
164 10.3 7.8 11.8

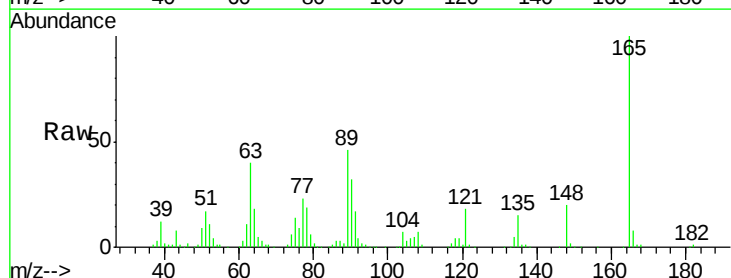


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

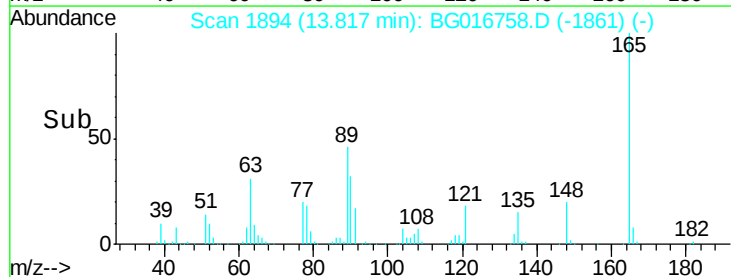
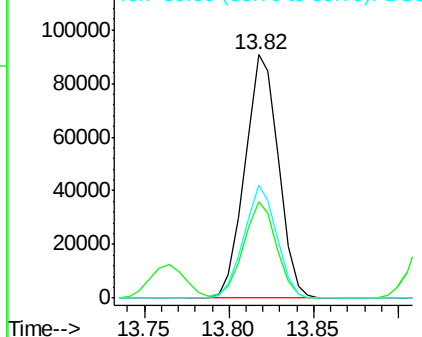


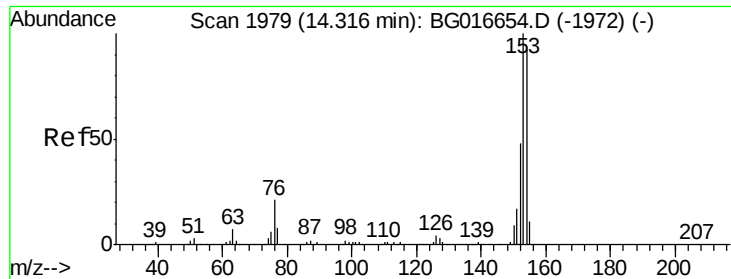
#50  
2,6-Dinitrotoluene  
Concen: 49.13 ng  
RT: 13.82 min Scan# 1894  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:165 Resp: 124860  
Ion Ratio Lower Upper  
165 100  
63 39.6 31.5 47.3  
89 46.3 34.7 52.1



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BG016654.D (-1891) (-)  
Ion 89.00 (88.70 to 89.70): BG016654.D (-1891) (-)





#51

Acenaphthene

Concen: 49.61 ng

RT: 14.29 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

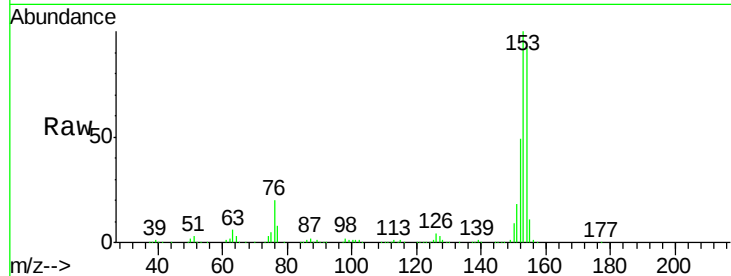
Tot Ion:154 Resp: 435913

Ion Ratio Lower Upper

154 100

153 108.4 87.0 130.6

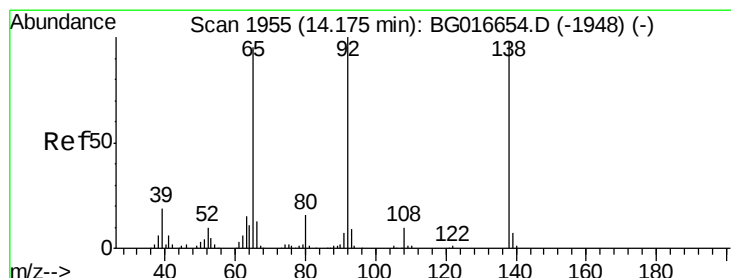
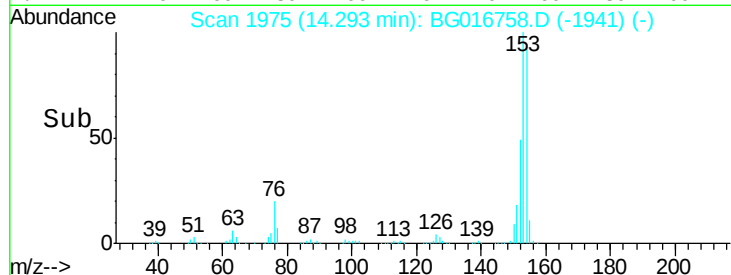
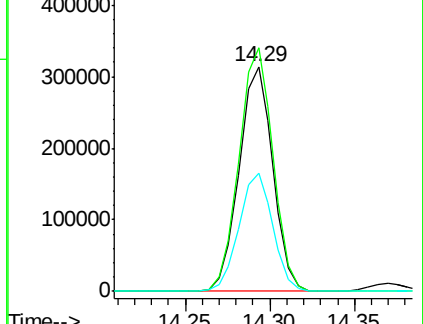
152 52.9 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 38.65 ng

RT: 14.15 min Scan# 1951

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

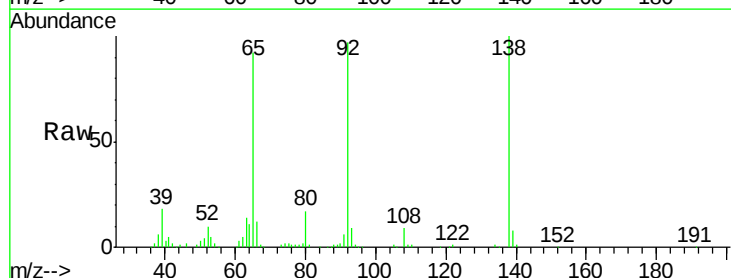
Tgt Ion:138 Resp: 118729

Ion Ratio Lower Upper

138 100

108 8.7 7.8 11.6

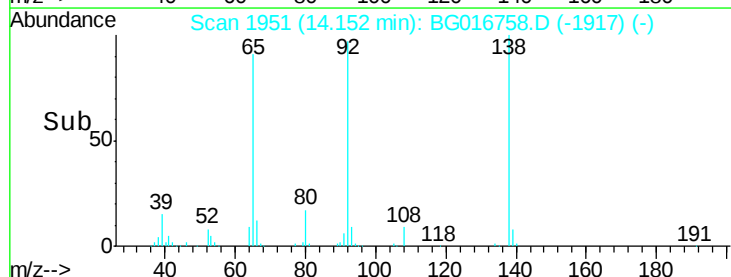
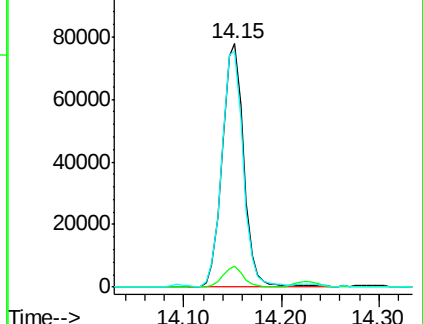
92 97.2 81.9 122.9

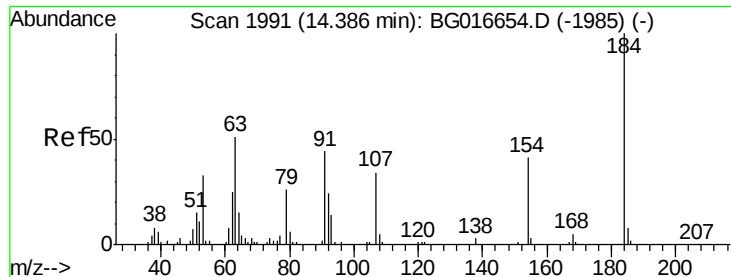


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

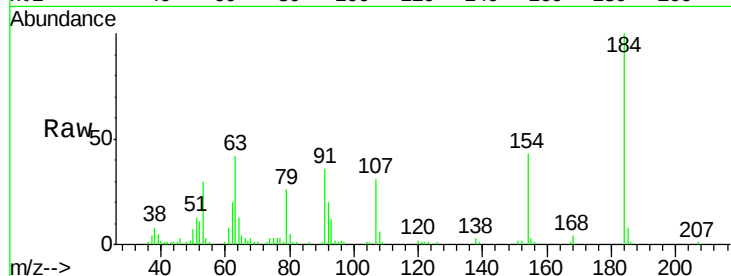




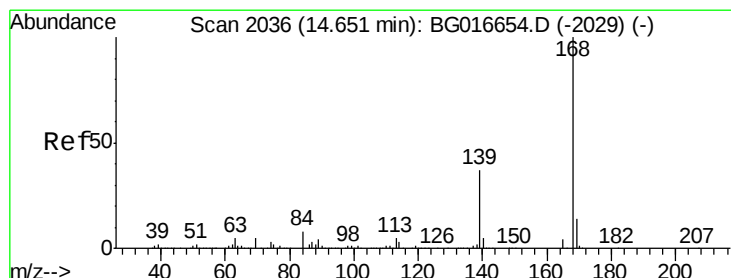
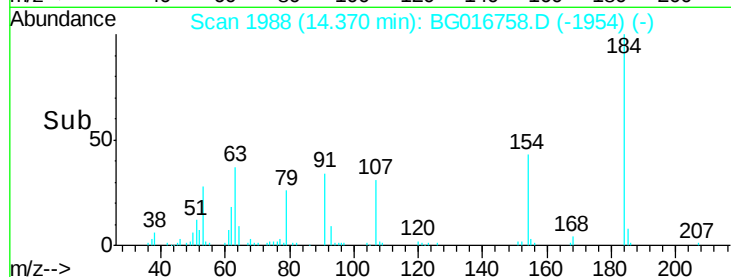
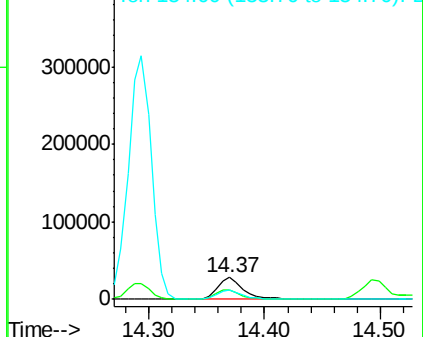
#53  
2,4-Dinitrophenol  
Concen: 37.43 ng  
RT: 14.37 min Scan# 1988  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

Tot Ion:184 Resp: 45547  
Ion Ratio Lower Upper  
184 100  
63 41.8 40.7 61.1  
154 42.9 34.1 51.1

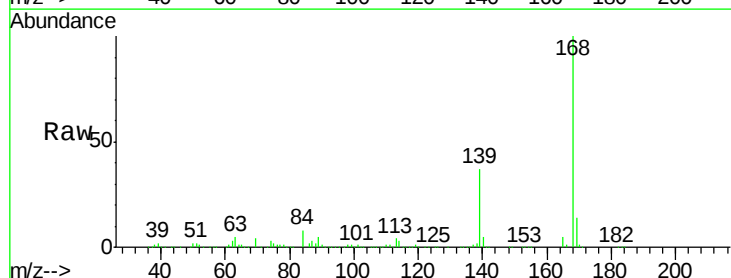


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

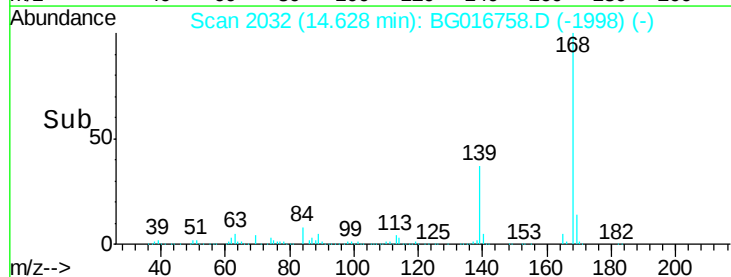
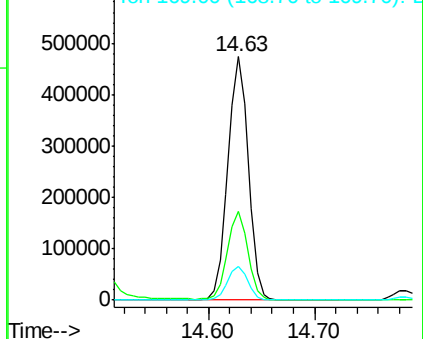


#54  
Dibenzofuran  
Concen: 50.91 ng  
RT: 14.63 min Scan# 2032  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:168 Resp: 630908  
Ion Ratio Lower Upper  
168 100  
139 36.6 29.8 44.8  
169 13.8 11.0 16.4



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





#55

4-Nitrophenol

Concen: 89.81 ng

RT: 14.49 min Scan# 2009

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

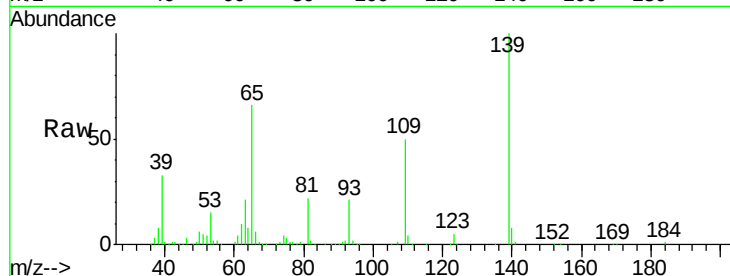
Tot Ion:139 Resp: 206713

Ion Ratio Lower Upper

139 100

109 50.1 27.8 67.8

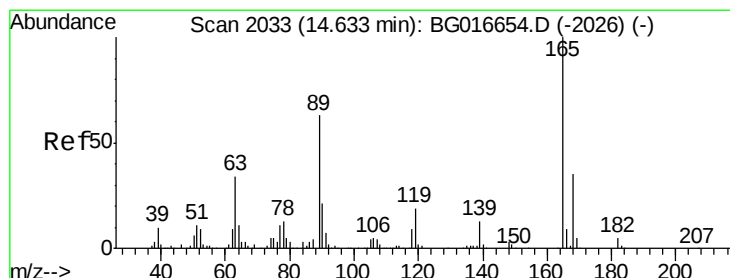
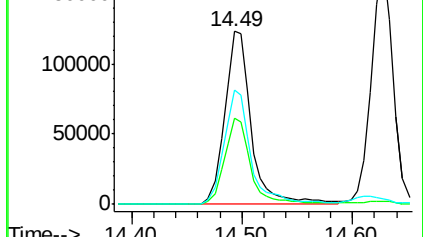
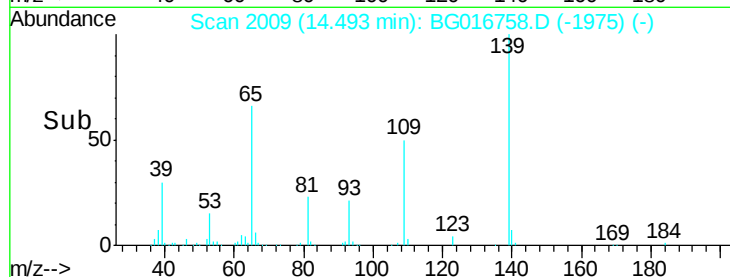
65 66.4 46.3 86.3



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56

2,4-Dinitrotoluene

Concen: 49.28 ng

RT: 14.61 min Scan# 2029

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Tgt Ion:165 Resp: 171550

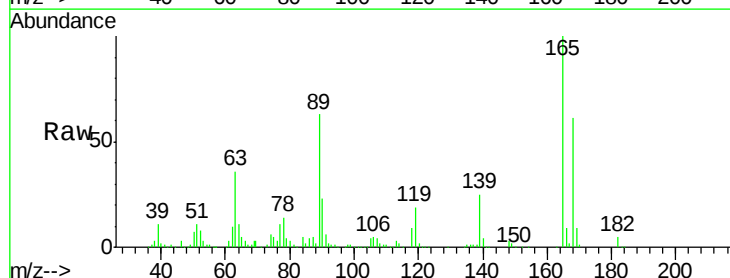
Ion Ratio Lower Upper

165 100

63 36.2 27.4 41.0

89 63.4 50.6 75.8

182 4.6 3.9 5.9

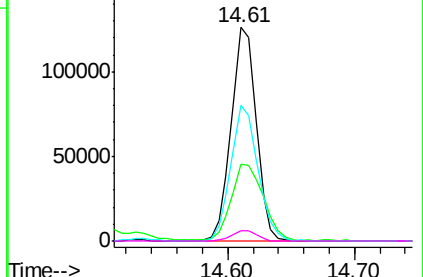
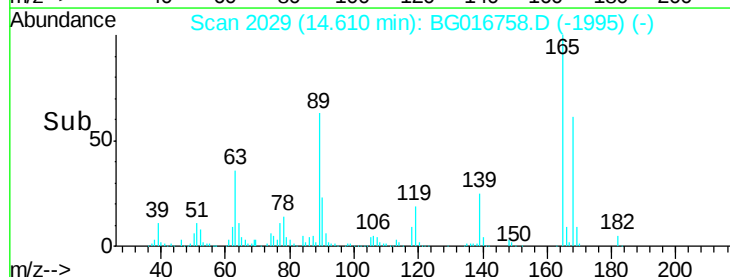


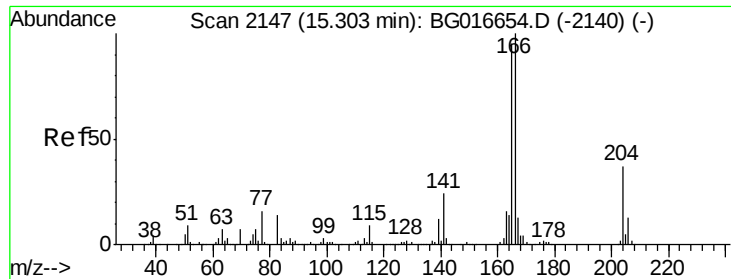
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

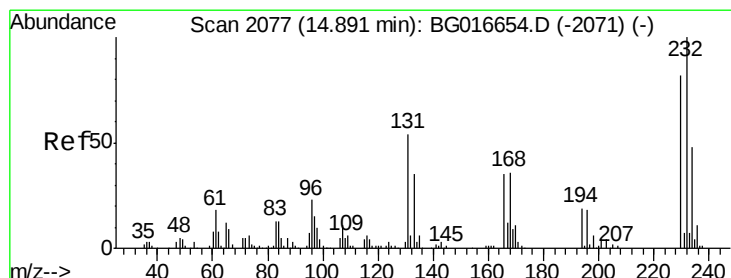
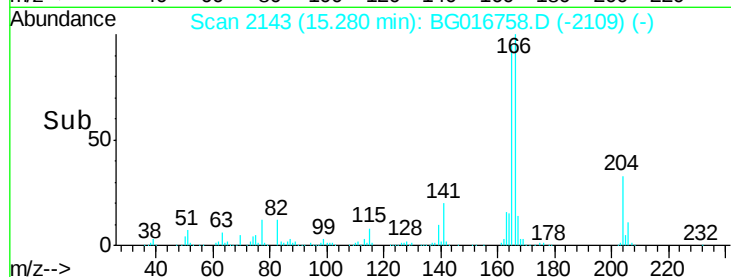
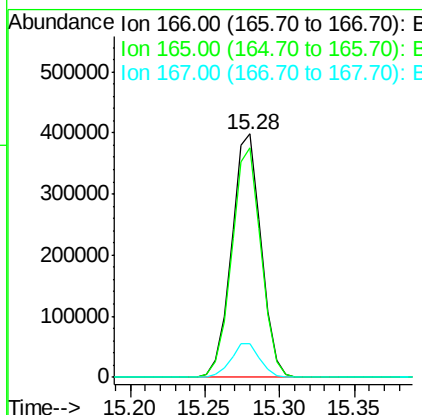
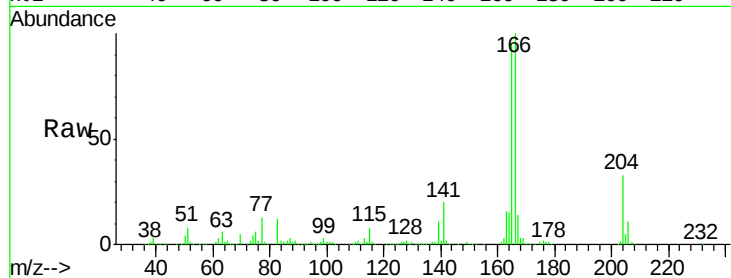




#57  
**Fluorene**  
 Concen: 50.67 ng  
 RT: 15.28 min Scan# 2143  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

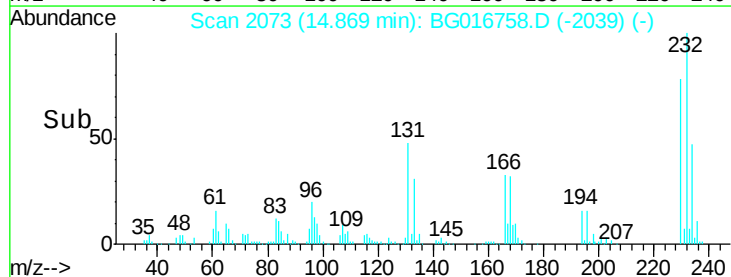
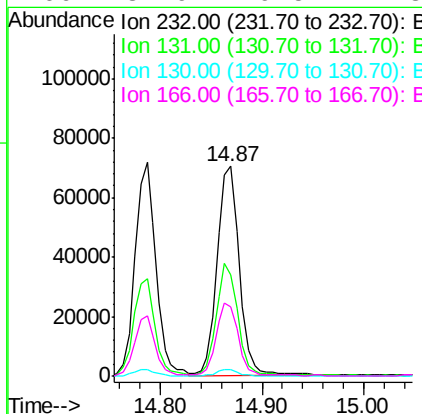
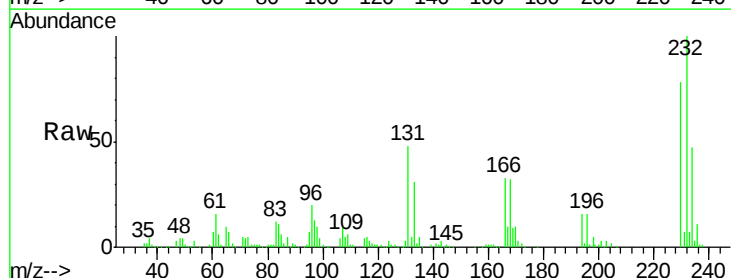
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

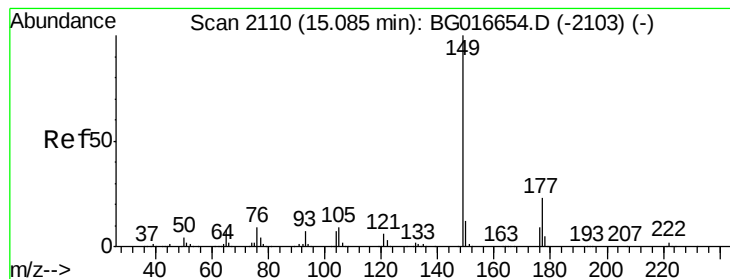
Tot Ion:166 Resp: 548892  
 Ion Ratio Lower Upper  
 166 100  
 165 94.5 75.6 113.4  
 167 13.8 10.7 16.1



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 55.56 ng  
 RT: 14.87 min Scan# 2073  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Tgt Ion:232 Resp: 107224  
 Ion Ratio Lower Upper  
 232 100  
 131 50.3 43.9 65.9  
 130 2.9 2.4 3.6  
 166 34.9 29.5 44.3





#59

Diethylphthalate

Concen: 47.65 ng

RT: 15.06 min Scan# 2106

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampled :

SB-64DMS

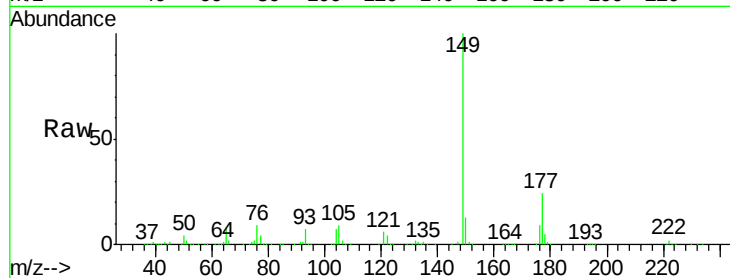
Tot Ion:149 Resp: 514316

Ion Ratio Lower Upper

149 100

177 23.5 18.2 27.2

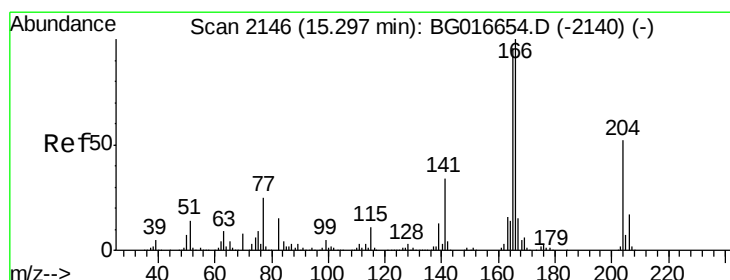
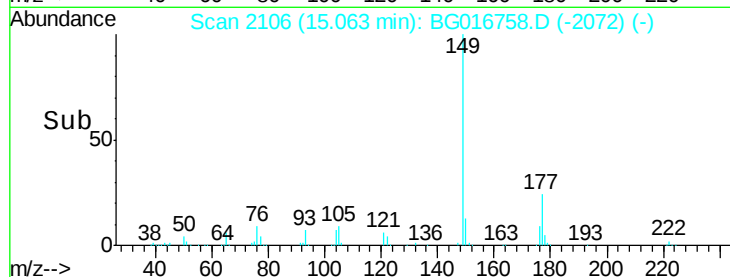
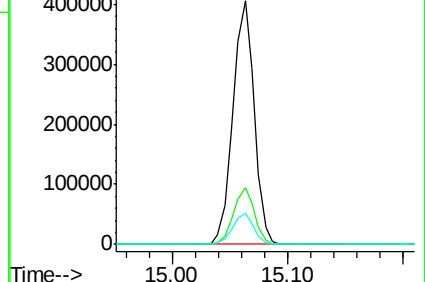
150 12.6 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 50.73 ng

RT: 15.27 min Scan# 2142

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

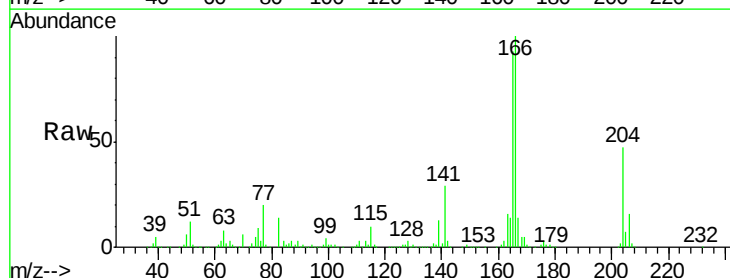
Tgt Ion:204 Resp: 229497

Ion Ratio Lower Upper

204 100

206 33.8 26.2 39.4

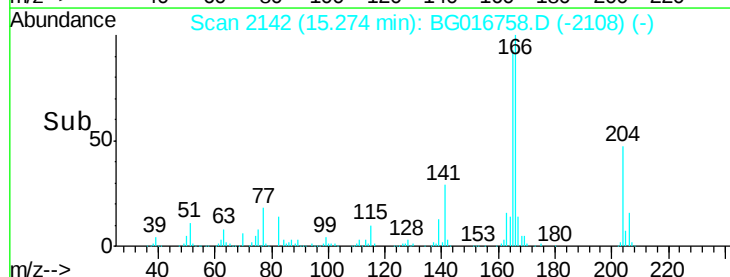
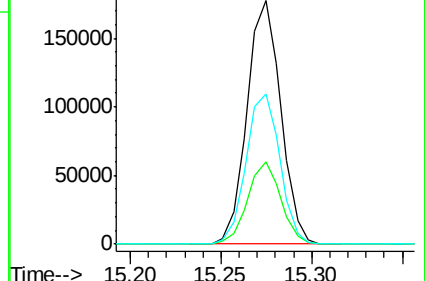
141 61.7 52.3 78.5

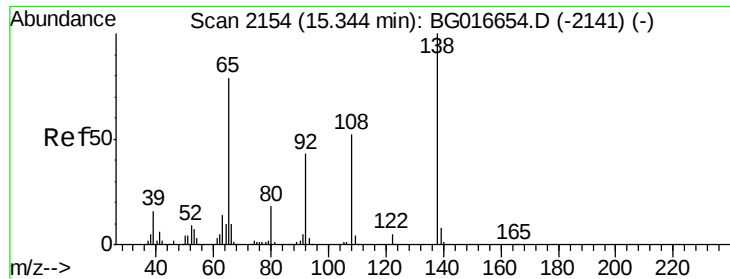


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

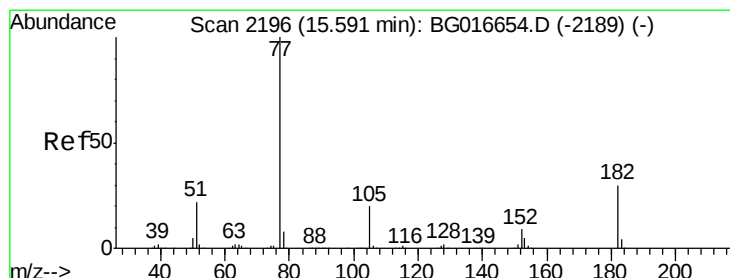
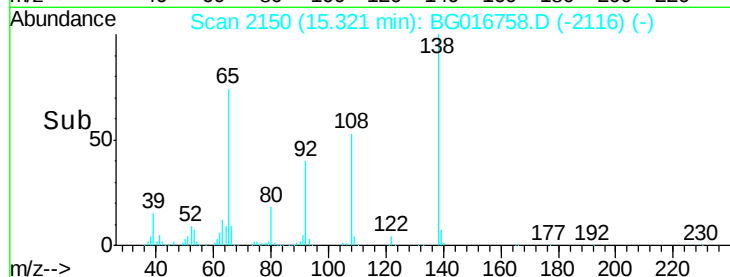
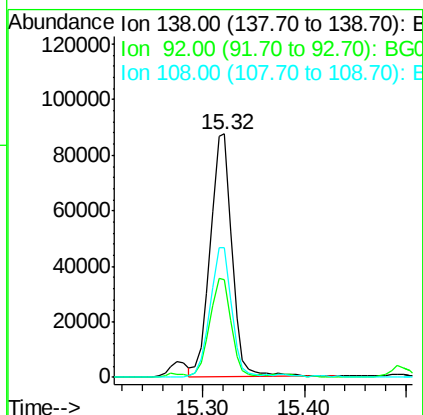
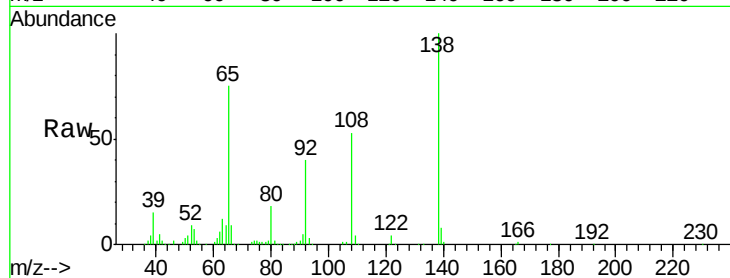




#61  
4-Nitroaniline  
Concen: 38.48 ng  
RT: 15.32 min Scan# 2150  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

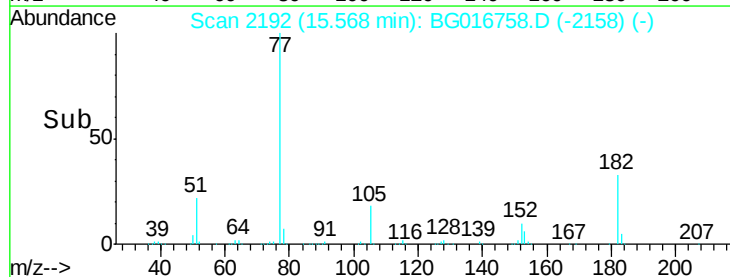
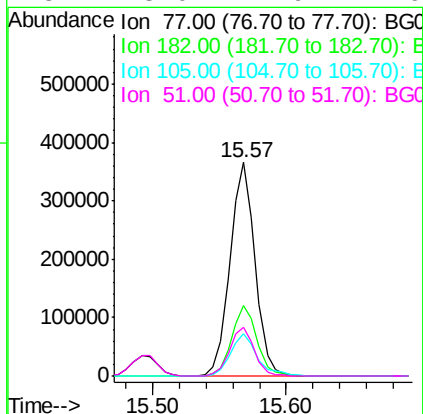
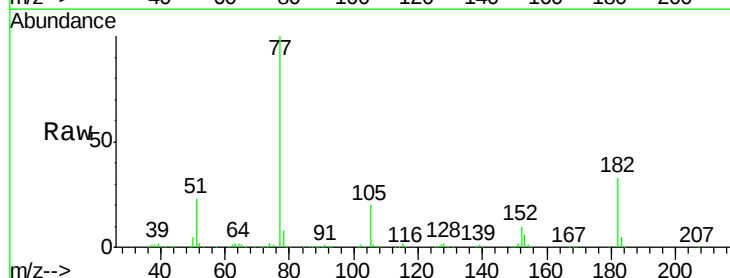
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

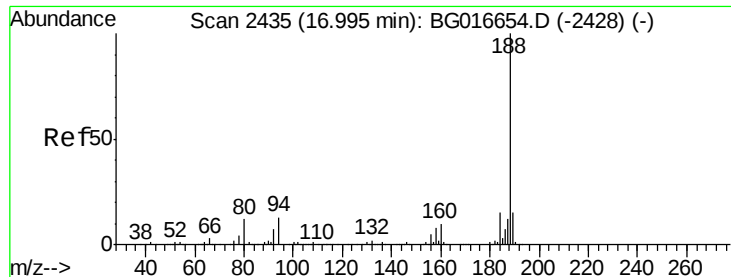
Tot Ion:138 Resp: 130750  
Ion Ratio Lower Upper  
138 100  
92 40.0 23.1 63.1  
108 53.2 31.7 71.7



#62  
Azobenzene  
Concen: 48.39 ng  
RT: 15.57 min Scan# 2192  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion: 77 Resp: 477046  
Ion Ratio Lower Upper  
77 100  
182 32.9 9.8 49.8  
105 19.9 0.0 39.5  
51 23.0 1.9 41.9

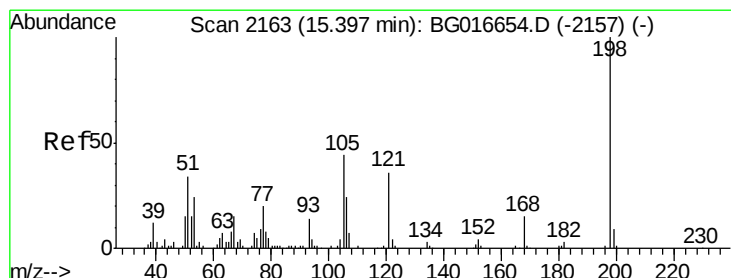
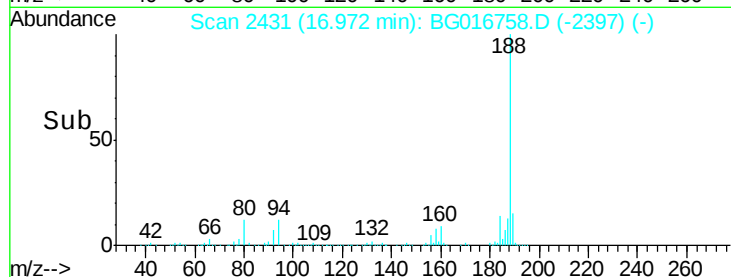
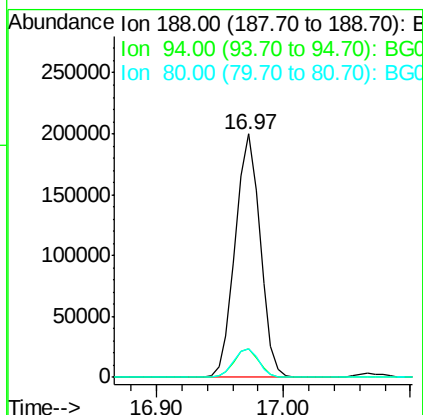
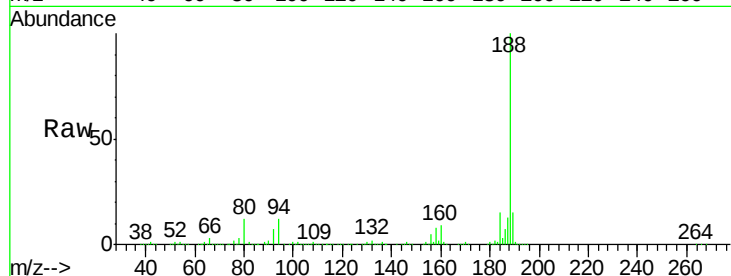




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.97 min Scan# 2431  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

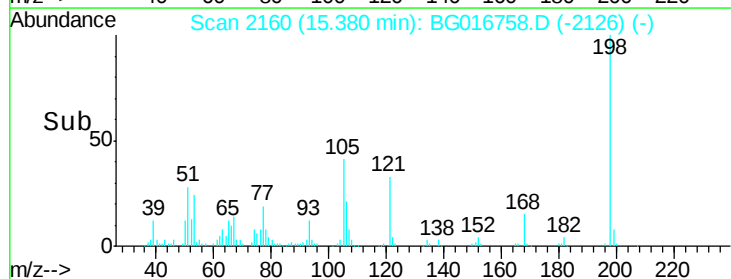
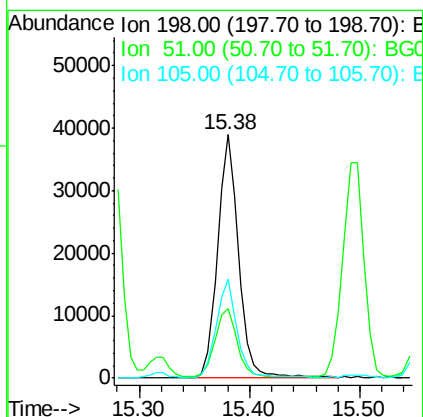
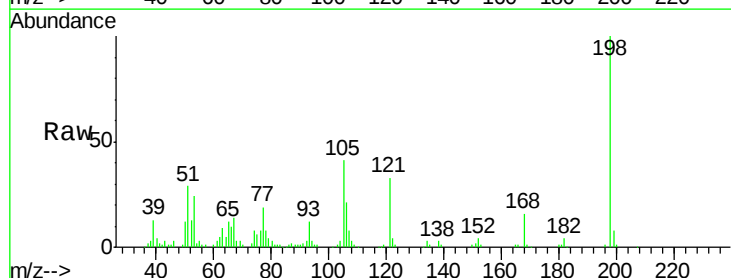
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

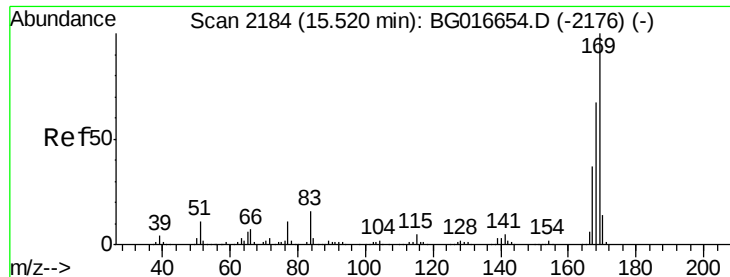
Tot Ion:188 Resp: 271892  
Ion Ratio Lower Upper  
188 100  
94 11.6 10.7 16.1  
80 11.8 9.9 14.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 28.02 ng  
RT: 15.38 min Scan# 2160  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:198 Resp: 51555  
Ion Ratio Lower Upper  
198 100  
51 28.7 14.9 54.9  
105 40.9 24.6 64.6





#65

n-Nitrosodiphenylamine

Concen: 50.72 ng

RT: 15.50 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

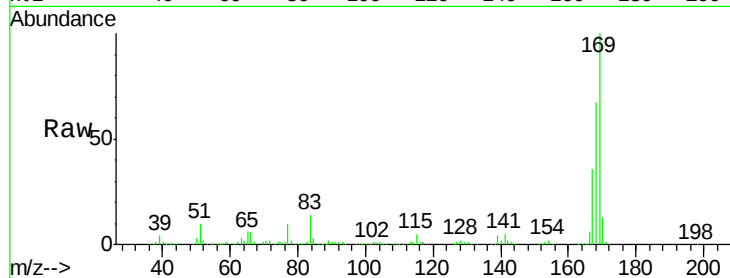
Tot Ion:169 Resp: 472807

Ion Ratio Lower Upper

169 100

168 67.0 53.6 80.4

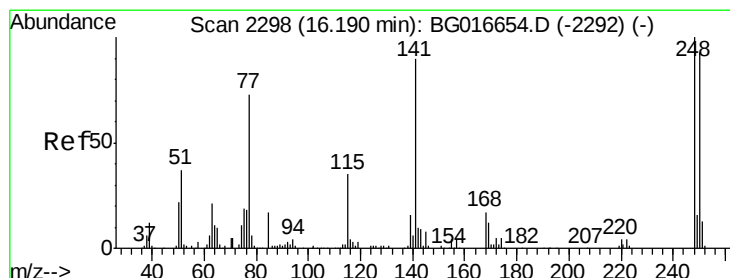
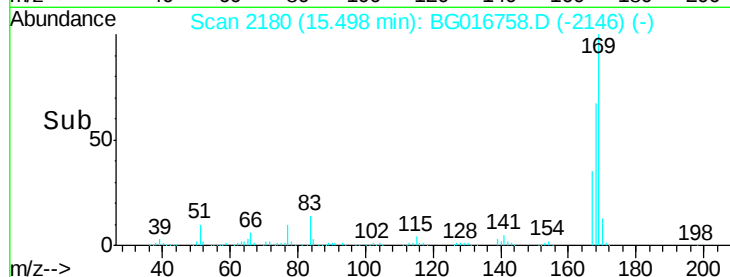
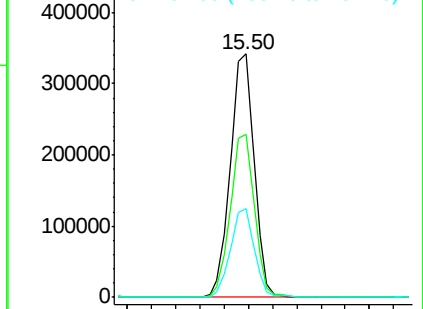
167 36.4 29.4 44.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 54.65 ng

RT: 16.17 min Scan# 2294

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

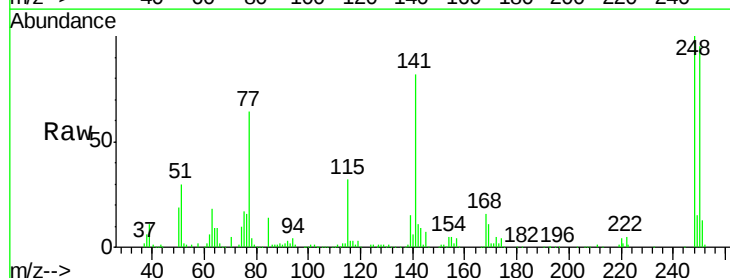
Tgt Ion:248 Resp: 124170

Ion Ratio Lower Upper

248 100

250 94.8 74.8 112.2

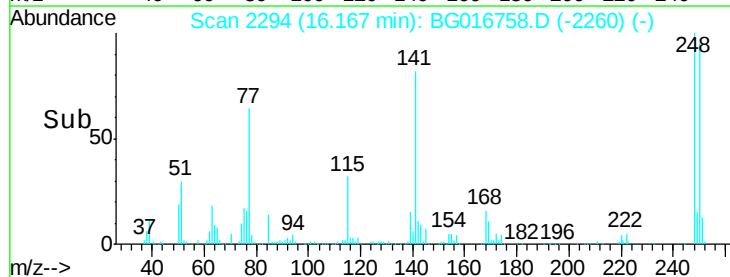
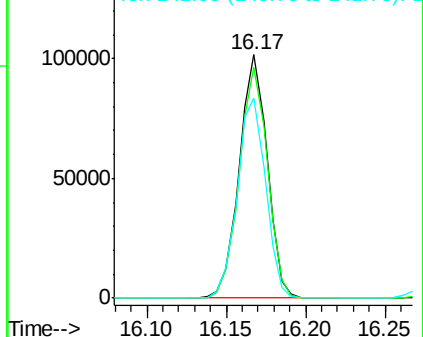
141 82.2 72.0 108.0

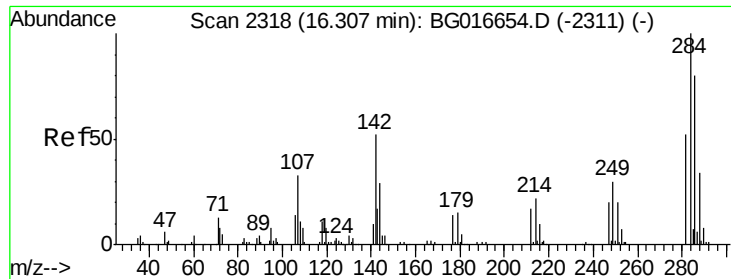


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

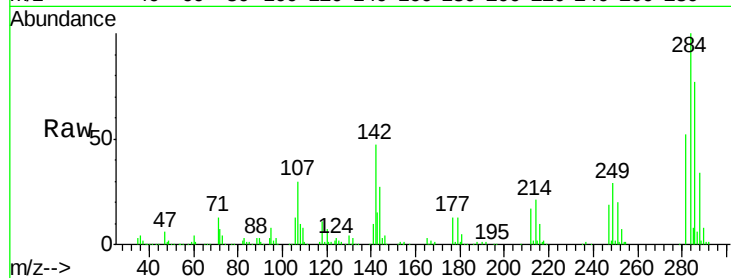




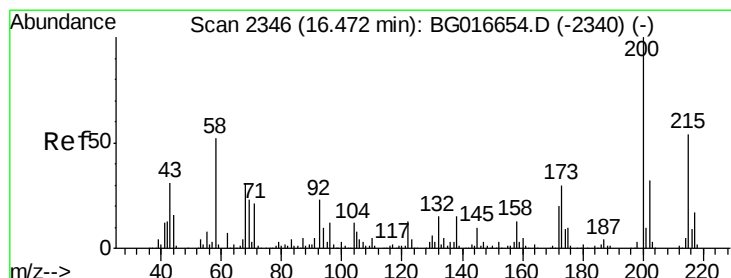
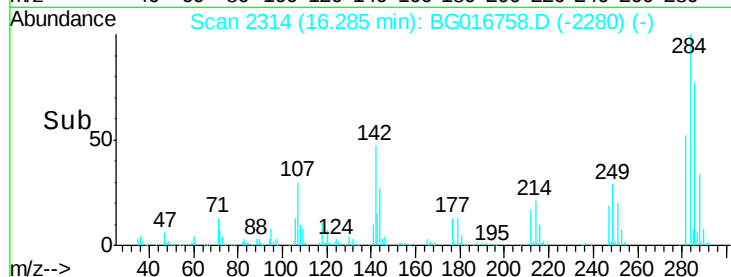
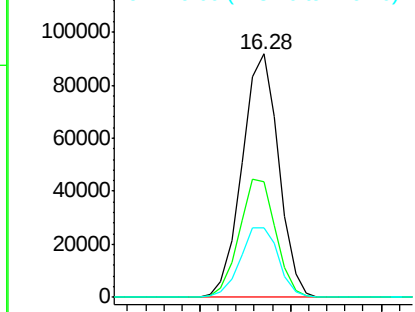
#67  
Hexachlorobenzene  
Concen: 54.89 ng  
RT: 16.28 min Scan# 2314  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 47.5  | 41.5  | 62.3  |
| 249     | 28.7  | 24.2  | 36.4  |

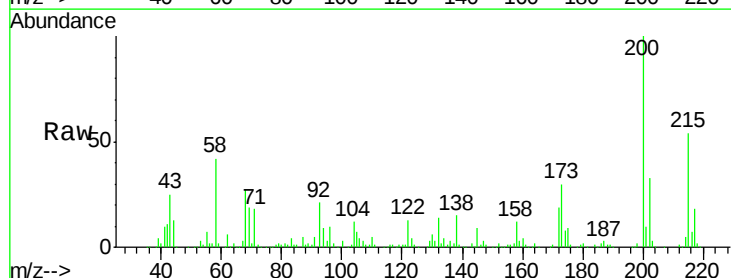


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

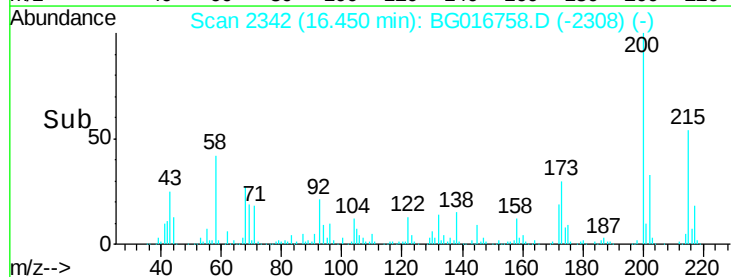
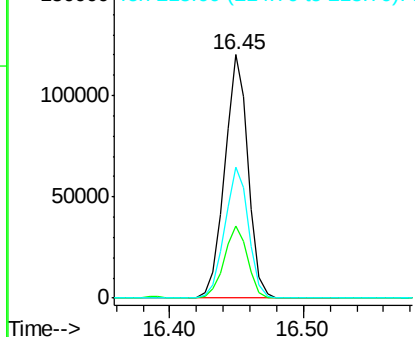


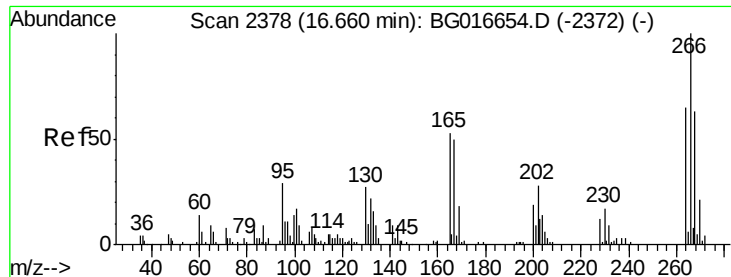
#68  
Atrazine  
Concen: 58.87 ng  
RT: 16.45 min Scan# 2342  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 29.9  | 9.8   | 49.8  |
| 215     | 53.8  | 33.7  | 73.7  |



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

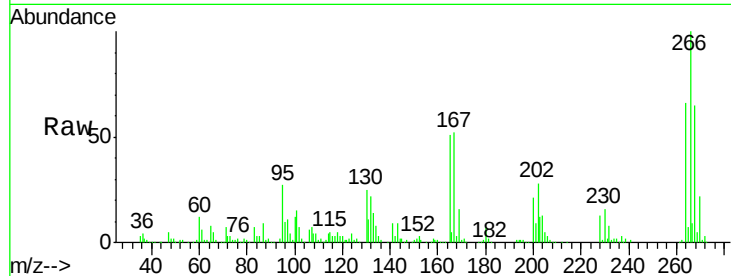




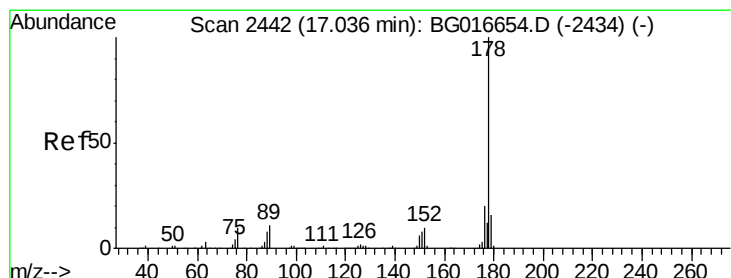
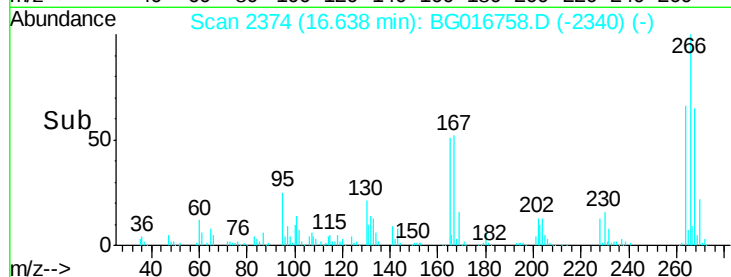
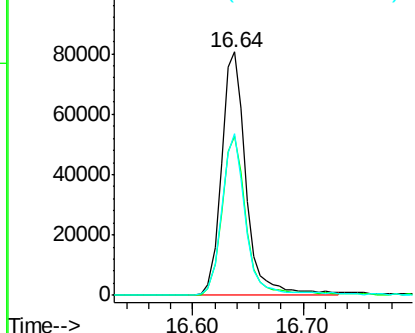
#69  
 Pentachlorophenol  
 Concen: 110.56 ng  
 RT: 16.64 min Scan# 2374  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

Tot Ion:266 Resp: 125442  
 Ion Ratio Lower Upper  
 266 100  
 268 65.1 50.6 76.0  
 264 66.2 51.8 77.6

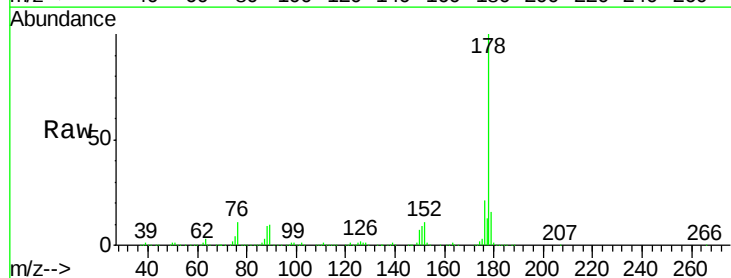


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

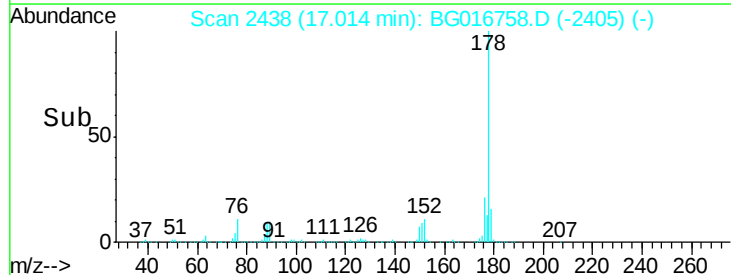
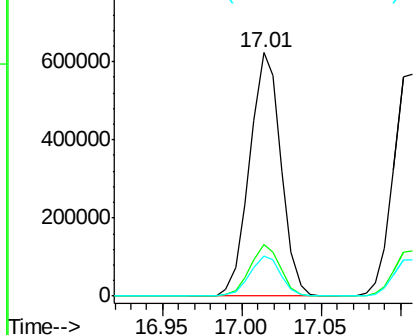


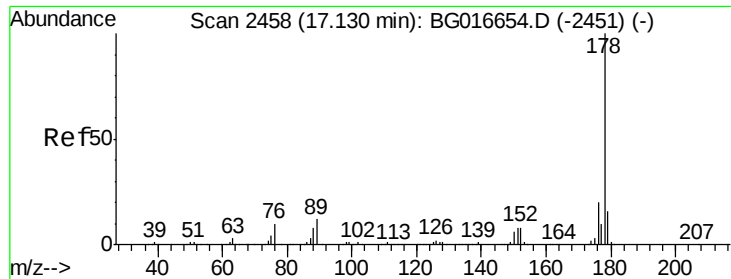
#70  
 Phenanthrene  
 Concen: 54.99 ng  
 RT: 17.01 min Scan# 2438  
 Delta R.T. -0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Tgt Ion:178 Resp: 858893  
 Ion Ratio Lower Upper  
 178 100  
 176 21.0 15.8 23.6  
 179 16.5 12.8 19.2



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

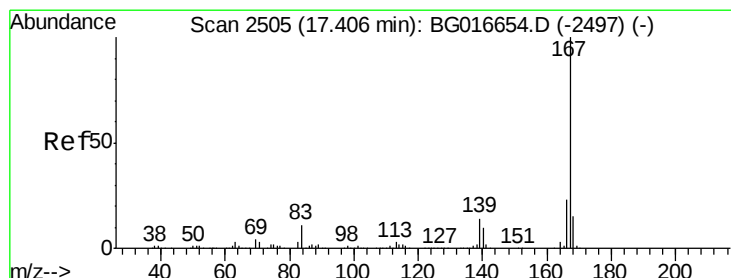
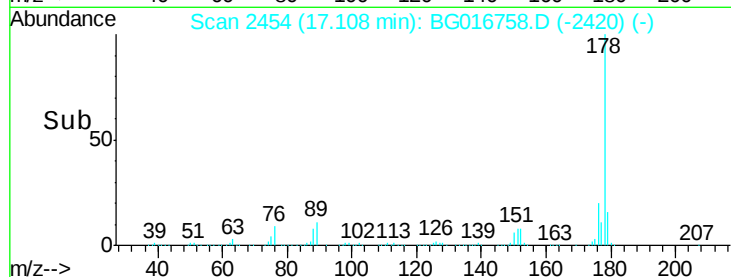
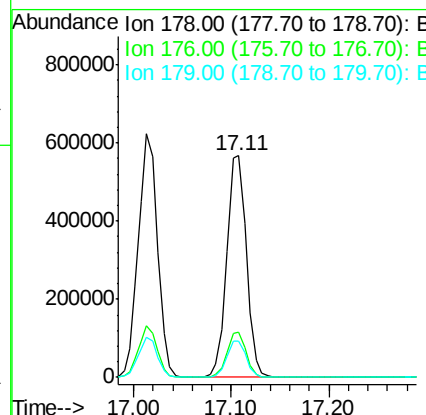
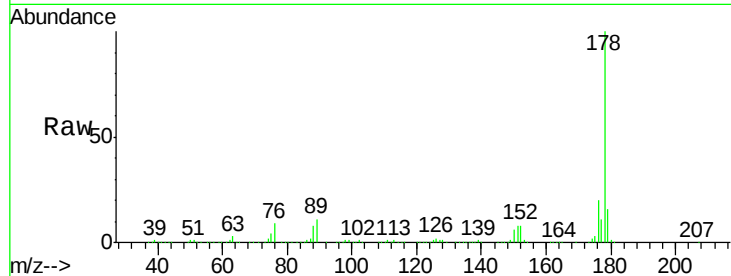




#71  
 Anthracene  
 Concen: 50.93 ng  
 RT: 17.11 min Scan# 2454  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

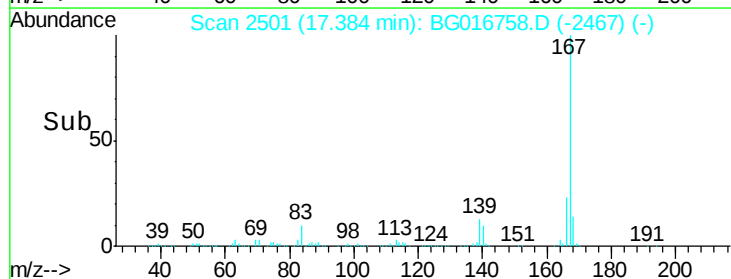
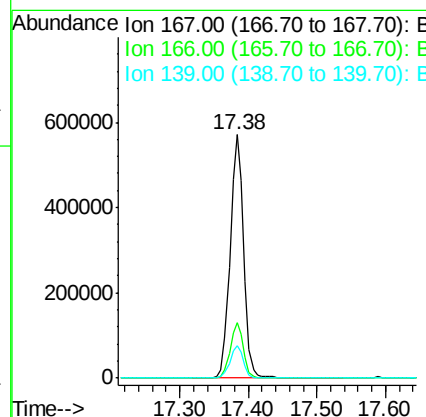
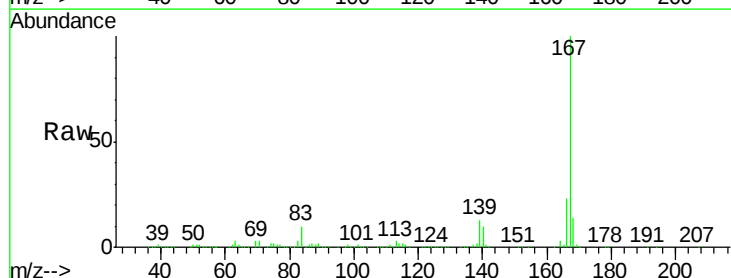
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

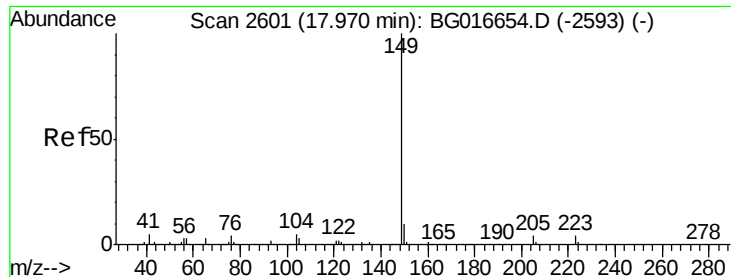
Tot Ion:178 Resp: 791241  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 16.0 24.0  
 179 16.4 12.9 19.3



#72  
 Carbazole  
 Concen: 50.63 ng  
 RT: 17.38 min Scan# 2501  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Tgt Ion:167 Resp: 788092  
 Ion Ratio Lower Upper  
 167 100  
 166 22.9 18.4 27.6  
 139 13.5 11.1 16.7

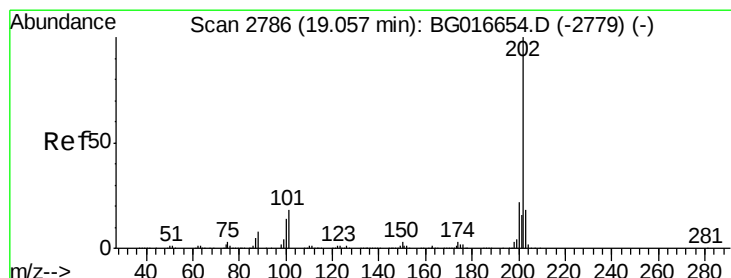
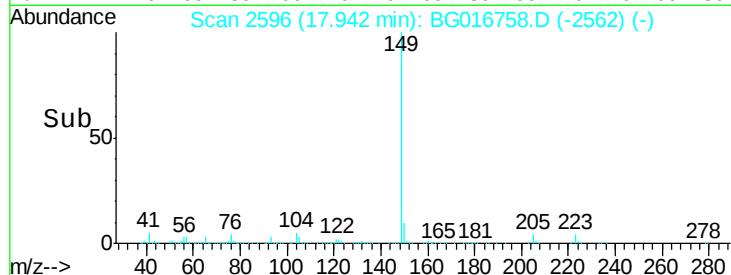
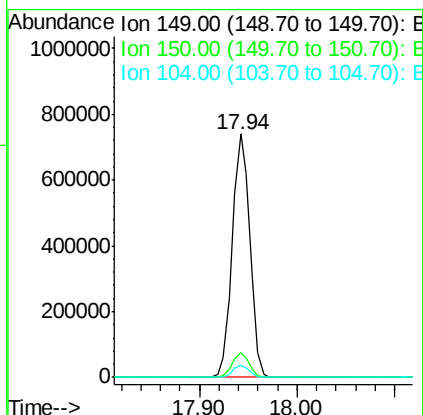
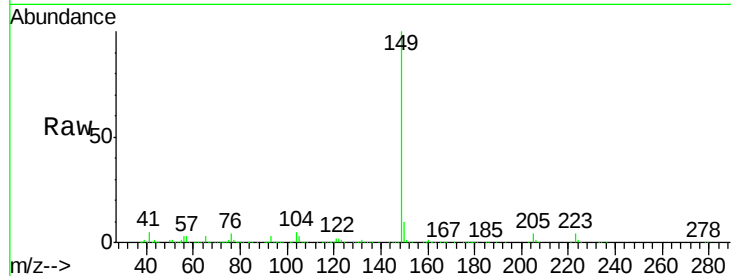




#73  
Di-n-butylphthalate  
Concen: 49.97 ng  
RT: 17.94 min Scan# 2596  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

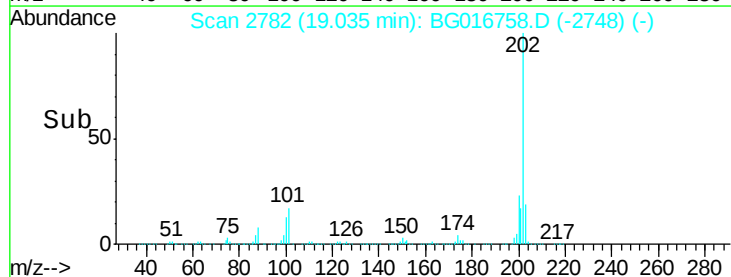
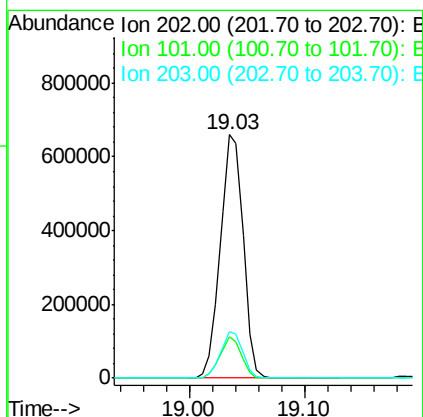
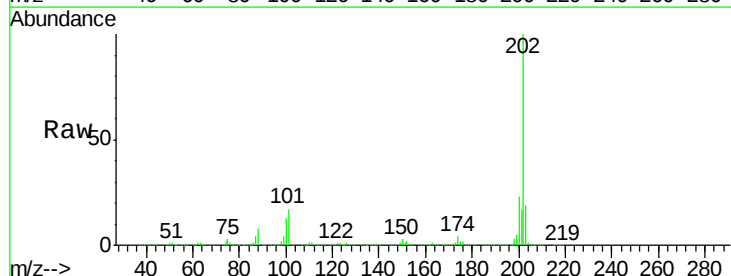
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

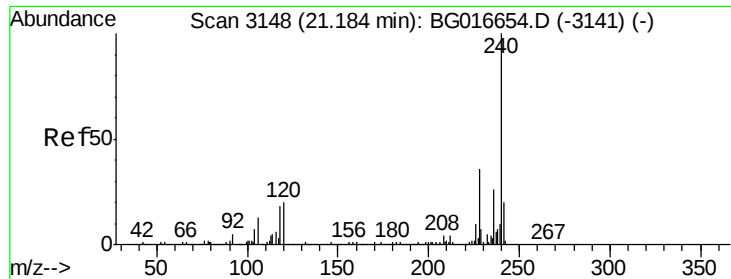
Tot Ion:149 Resp: 927084  
Ion Ratio Lower Upper  
149 100  
150 10.1 7.8 11.6  
104 4.8 3.6 5.4



#74  
Fluoranthene  
Concen: 54.62 ng  
RT: 19.03 min Scan# 2782  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:202 Resp: 904033  
Ion Ratio Lower Upper  
202 100  
101 17.0 0.0 38.1  
203 19.1 0.0 38.4

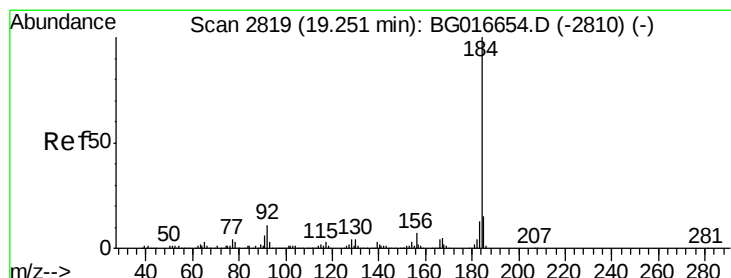
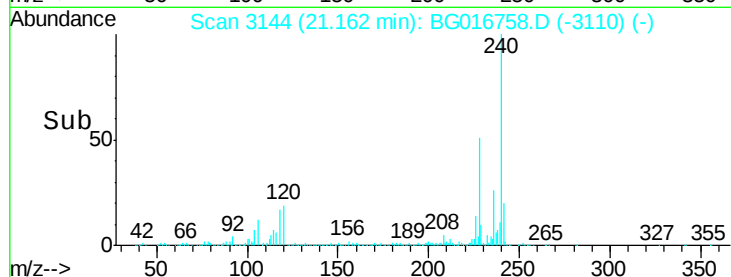
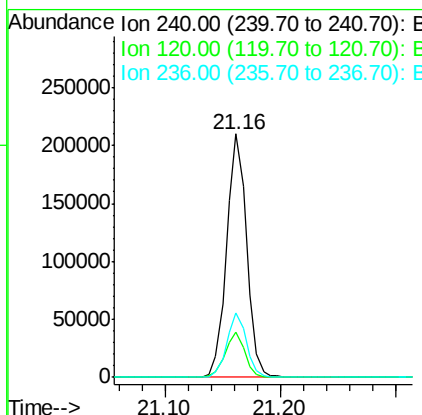
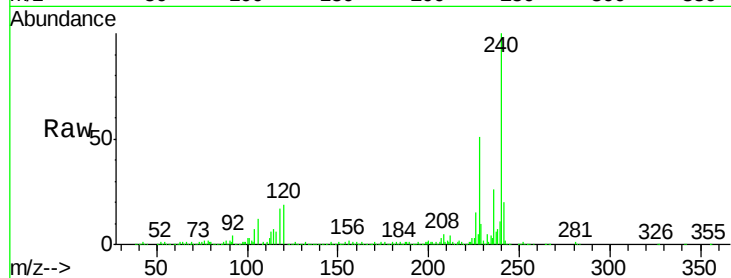




#75  
 Chrvsene-d12  
 Concen: 20.00 ng  
 RT: 21.16 min Scan# 3144  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

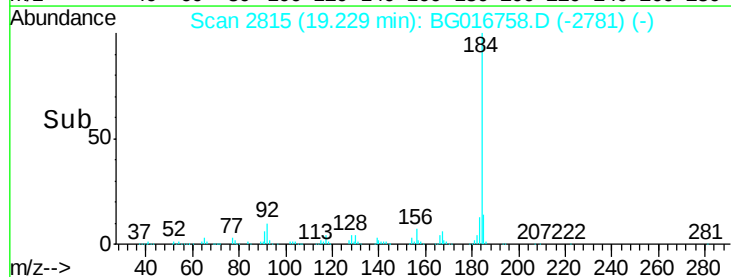
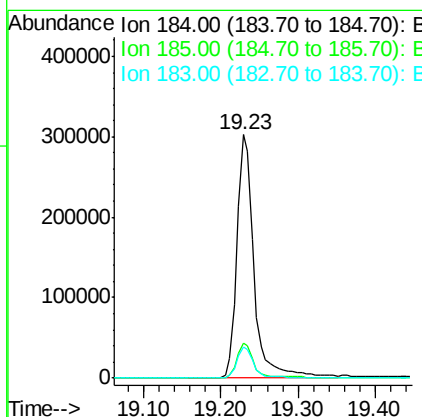
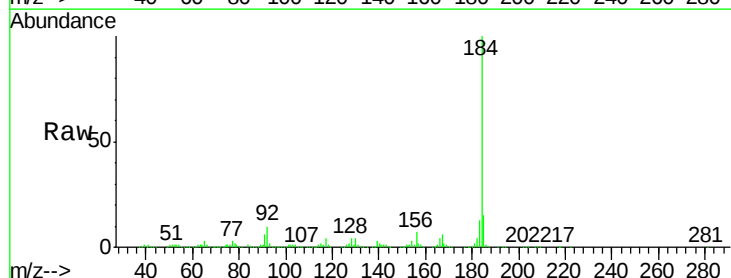
Instrument :  
 BNA\_G  
 ClientSampled :  
 SB-64DMS

Tot Ion:240 Resp: 252805  
 Ion Ratio Lower Upper  
 240 100  
 120 18.7 16.3 24.5  
 236 26.4 21.1 31.7



#76  
 Benzidine  
 Concen: 55.13 ng  
 RT: 19.23 min Scan# 2815  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Tgt Ion:184 Resp: 474684  
 Ion Ratio Lower Upper  
 184 100  
 185 14.6 12.3 18.5  
 183 12.7 10.1 15.1

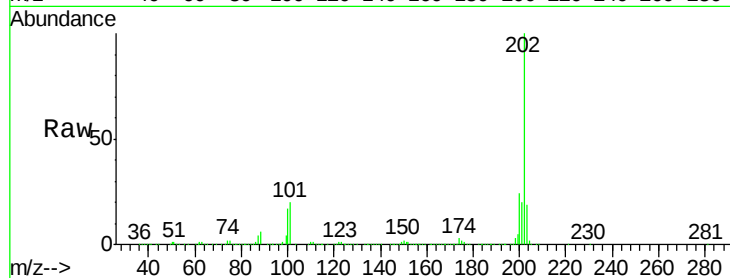




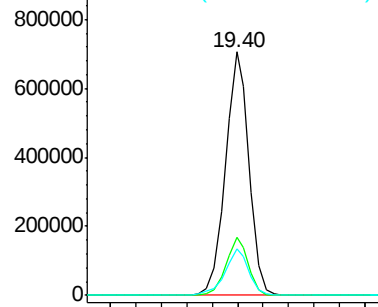
#77  
Pvrene  
Concen: 51.23 ng  
RT: 19.40 min Scan# 2844  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

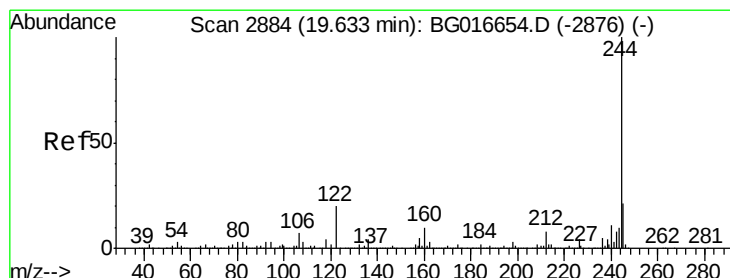
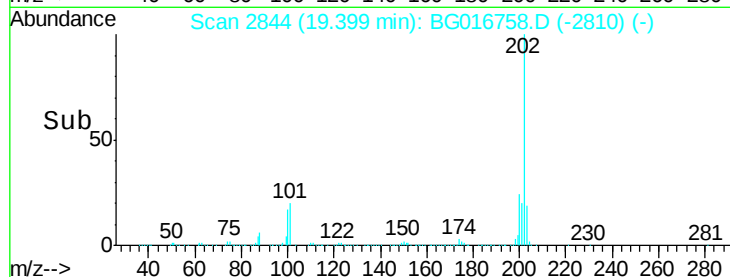
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 200     | 23.7  | 18.0  | 27.0  |
| 203     | 19.2  | 14.9  | 22.3  |



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

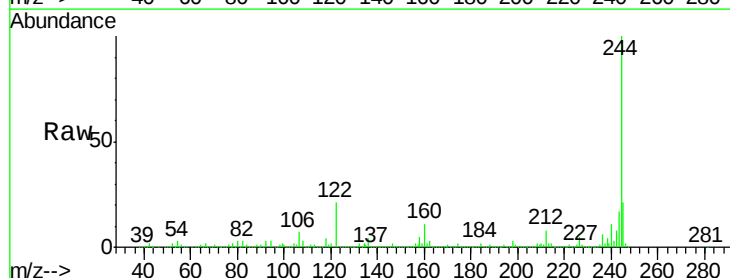


Time-->

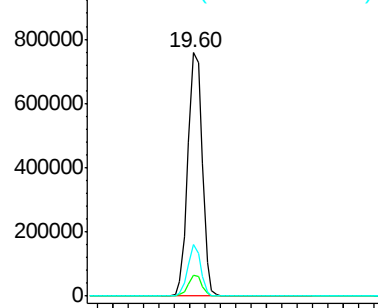


#78  
Terphenyl-d14  
Concen: 88.73 ng  
RT: 19.60 min Scan# 2879  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

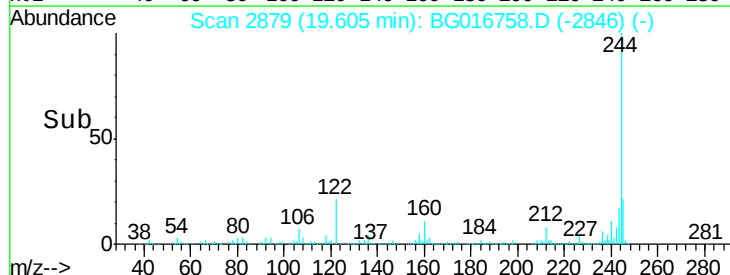
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 244     | 100   |       |       |
| 212     | 8.4   | 6.4   | 9.6   |
| 122     | 21.1  | 15.9  | 23.9  |

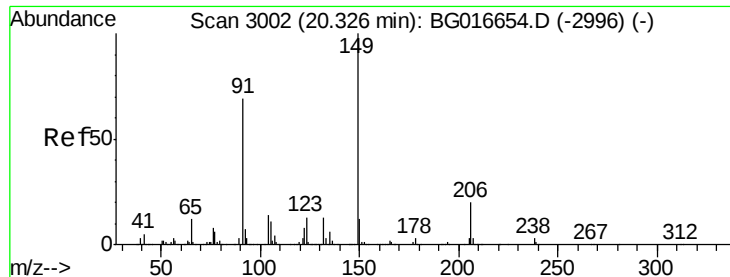


Abundance Ion 244.00 (243.70 to 244.70): E  
Ion 212.00 (211.70 to 212.70): E  
Ion 122.00 (121.70 to 122.70): E



Time-->

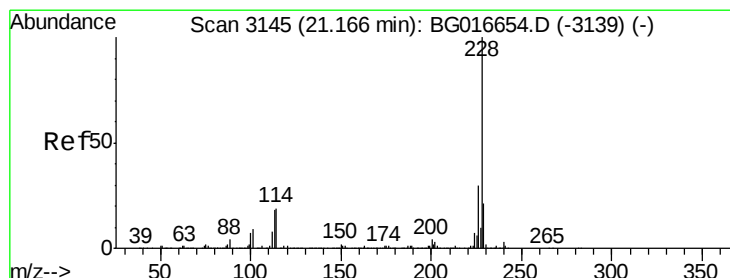
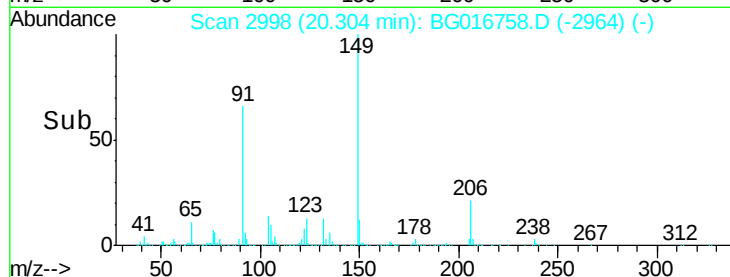
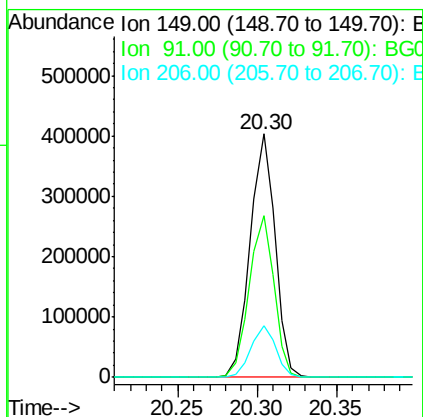
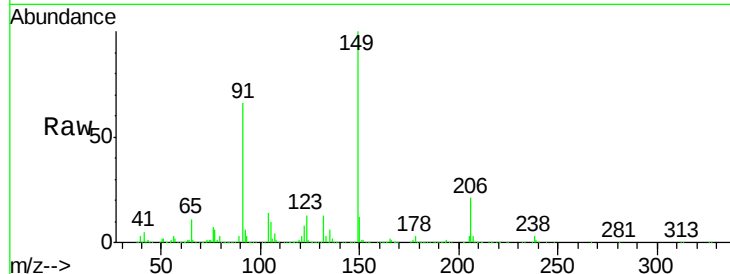




#79  
Butylbenzylphthalate  
Concen: 50.62 ng  
RT: 20.30 min Scan# 2998  
Delta R.T. 0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

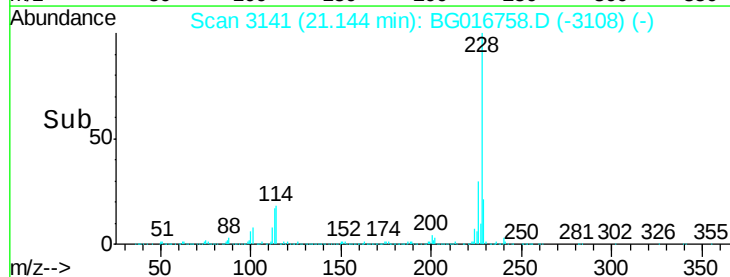
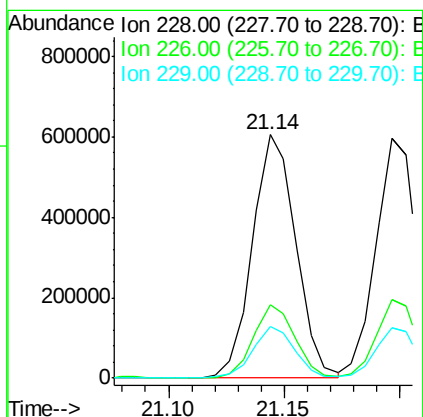
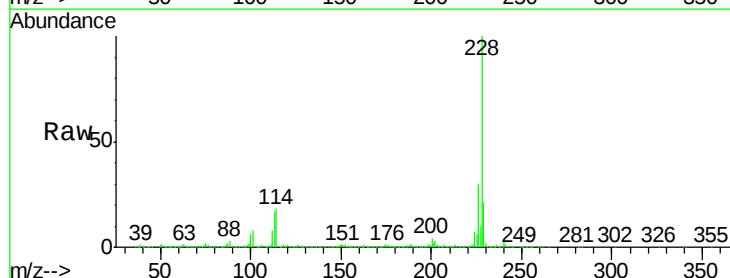
Instrument :  
BNA\_G  
ClientSampleId :  
SB-64DMS

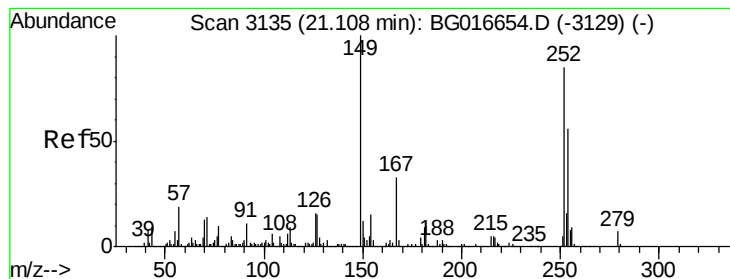
Tot Ion:149 Resp: 442274  
Ion Ratio Lower Upper  
149 100  
91 66.4 55.4 83.0  
206 21.3 16.4 24.6



#80  
Benzo(a)anthracene  
Concen: 51.59 ng  
RT: 21.14 min Scan# 3141  
Delta R.T. -0.00 min  
Lab File: BG016758.D  
Acq: 28 Apr 2015 8:03

Tgt Ion:228 Resp: 790861  
Ion Ratio Lower Upper  
228 100  
226 29.9 23.8 35.6  
229 21.1 17.0 25.4





#81

3,3'-Dichlorobenzidine

Concen: 42.01 ng

RT: 21.09 min Scan# 3131

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

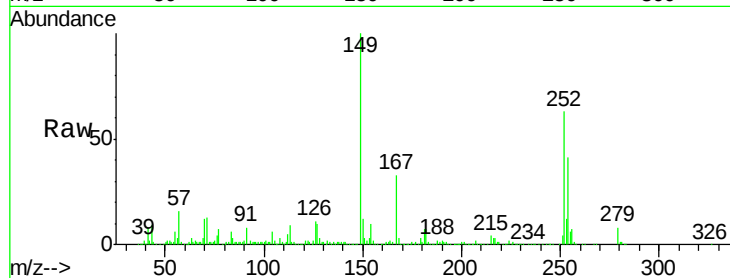
Tot Ion:252 Resp: 209870

Ion Ratio Lower Upper

252 100

254 65.9 52.7 79.1

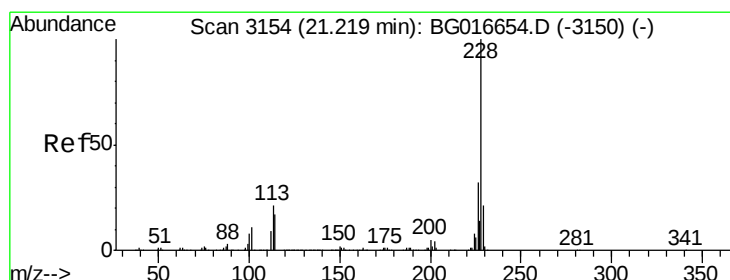
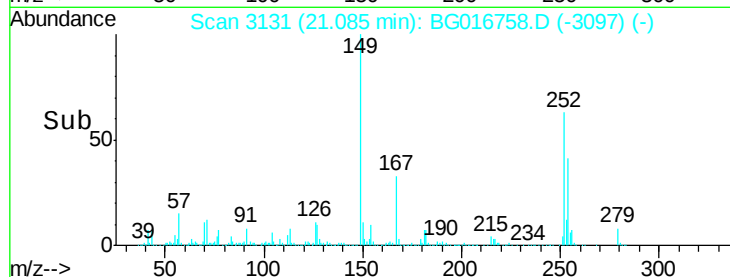
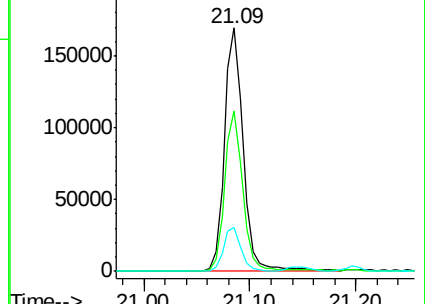
126 17.8 15.3 22.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 50.04 ng

RT: 21.20 min Scan# 3150

Delta R.T. -0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

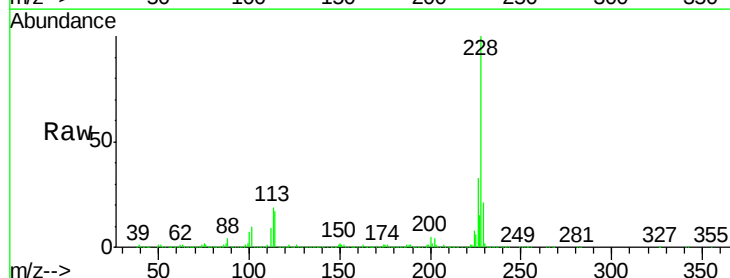
Tgt Ion:228 Resp: 735408

Ion Ratio Lower Upper

228 100

226 32.6 25.4 38.0

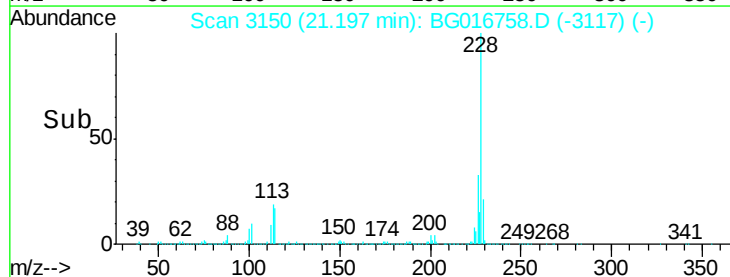
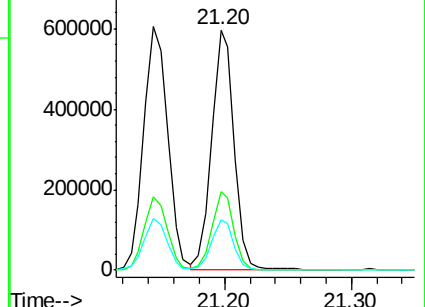
229 20.9 16.5 24.7

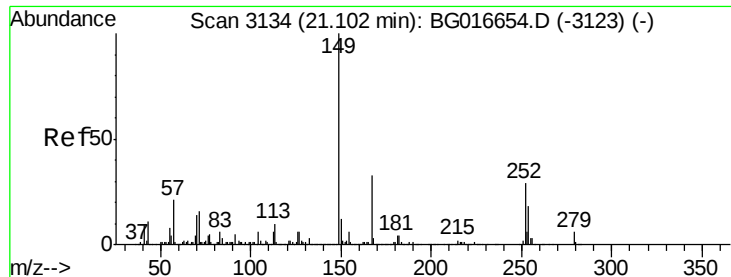


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

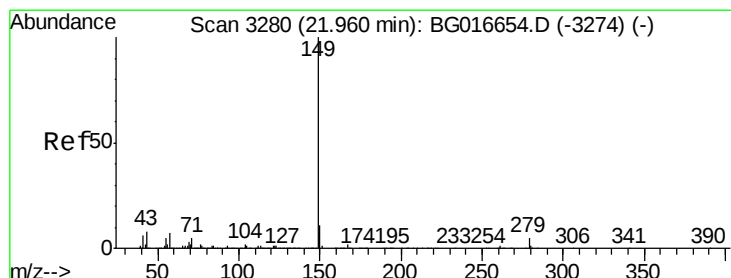
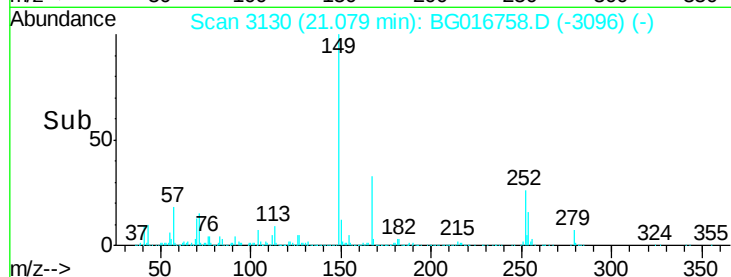
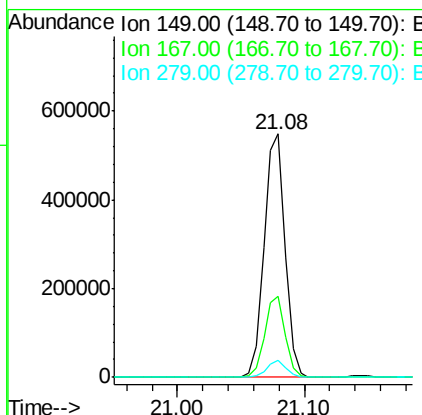
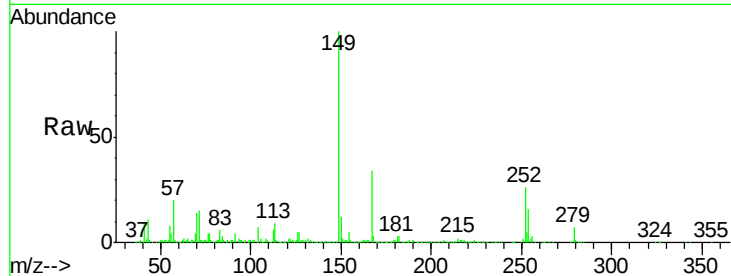




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 52.79 ng  
 RT: 21.08 min Scan# 3130  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

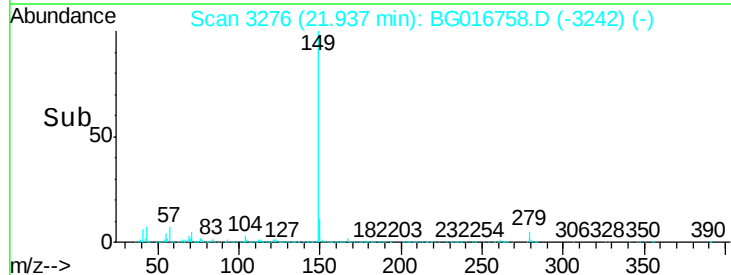
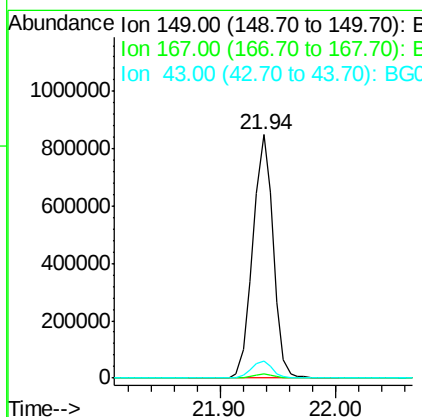
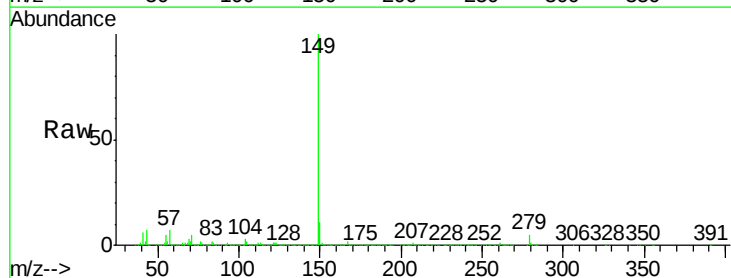
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

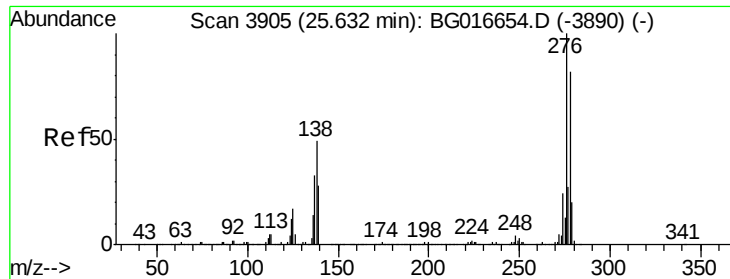
Tot Ion:149 Resp: 627445  
 Ion Ratio Lower Upper  
 149 100  
 167 33.5 26.6 39.8  
 279 6.8 5.1 7.7



#84  
 Di-n-octyl phthalate  
 Concen: 52.50 ng  
 RT: 21.94 min Scan# 3276  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Tgt Ion:149 Resp: 1039372  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 1.4 2.0  
 43 6.8 5.7 8.5

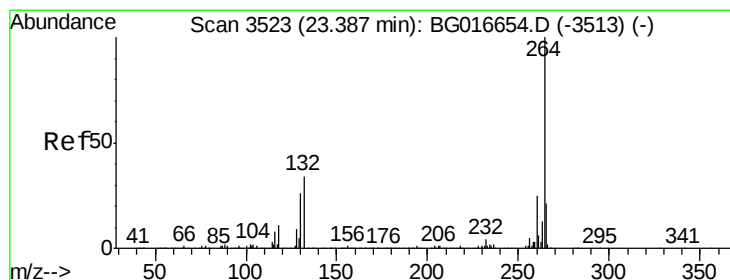
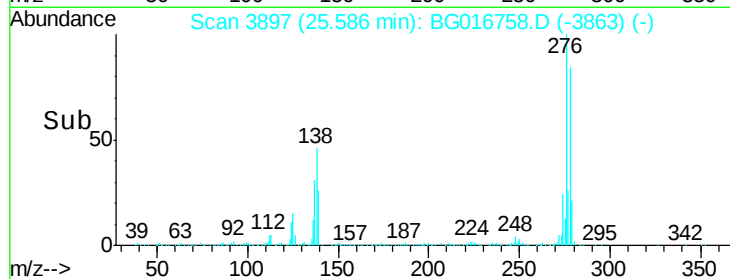
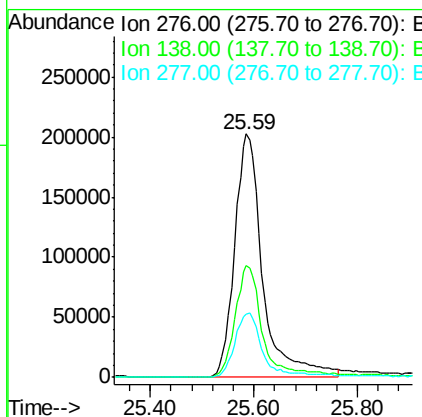
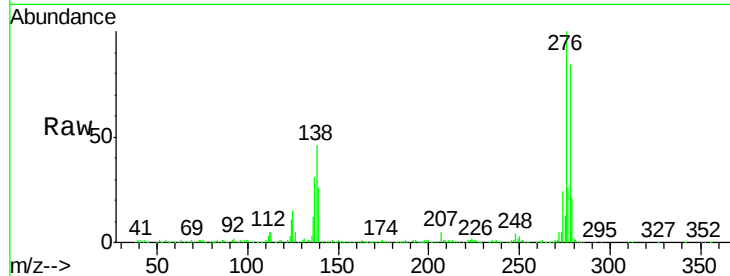




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 47.58 ng  
 RT: 25.59 min Scan# 3897  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

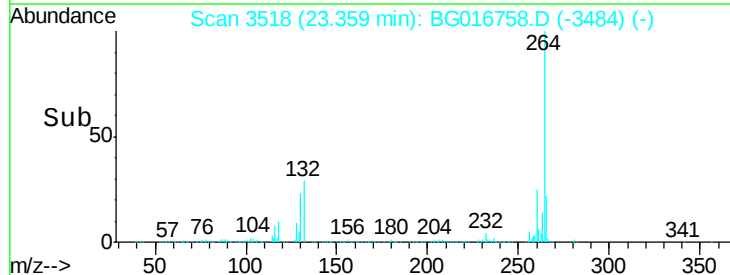
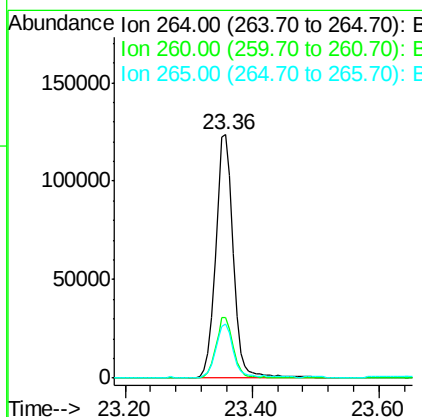
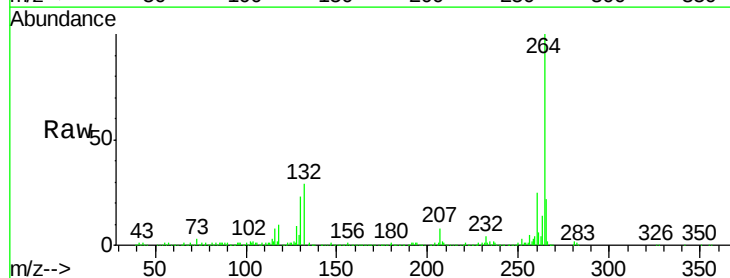
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

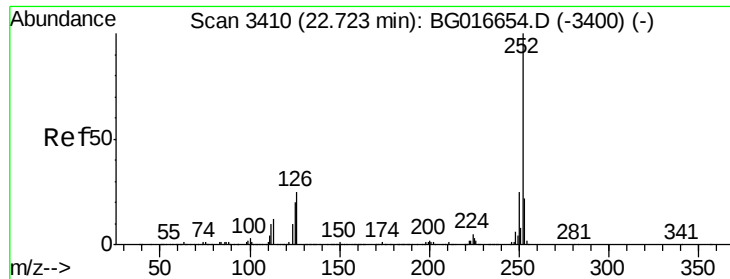
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 44.3  | 38.2  | 57.2  |
| 277     | 26.3  | 21.4  | 32.2  |



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.36 min Scan# 3518  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.7  | 20.0  | 30.0  |
| 265     | 22.1  | 16.8  | 25.2  |





#87

Benzo(b)fluoranthene

Concen: 50.07 ng

RT: 22.70 min Scan# 3406

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampleId :

SB-64DMS

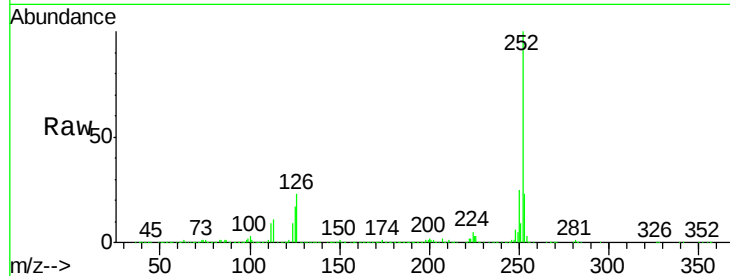
Tot Ion:252 Resp: 745340

Ion Ratio Lower Upper

252 100

253 22.6 17.9 26.9

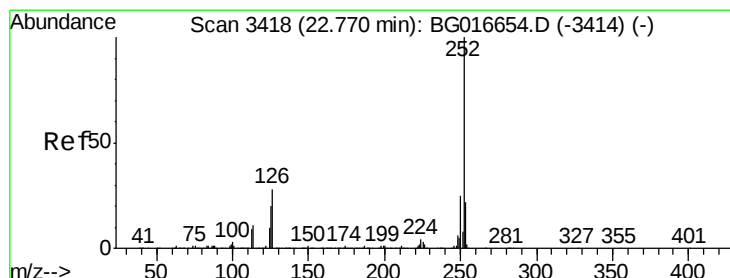
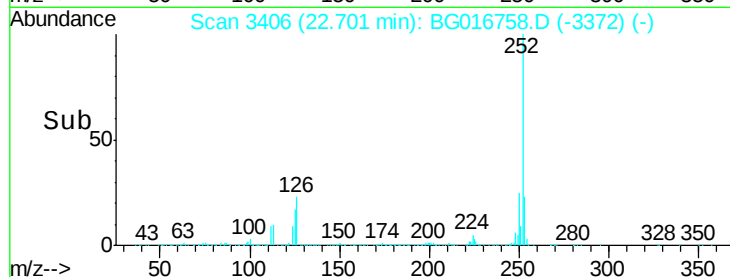
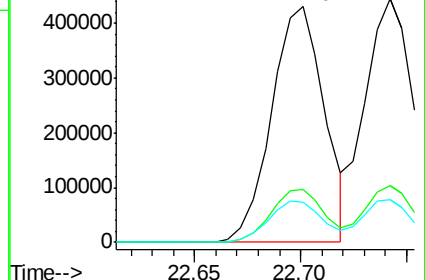
125 17.1 15.8 23.8



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



#88

Benzo(k)fluoranthene

Concen: 49.03 ng

RT: 22.74 min Scan# 3413

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

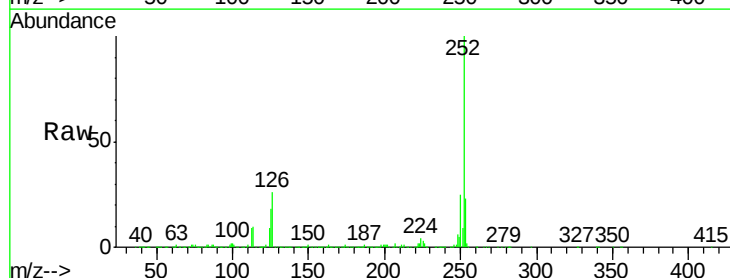
Tgt Ion:252 Resp: 712258

Ion Ratio Lower Upper

252 100

253 23.2 17.6 26.4

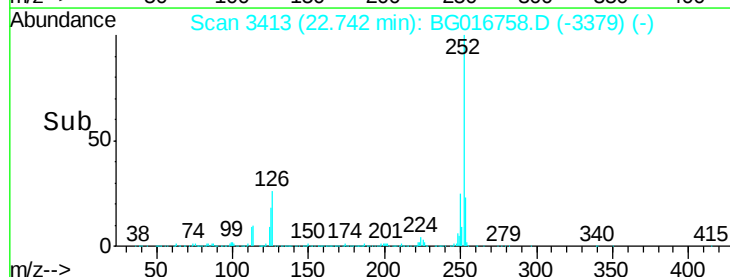
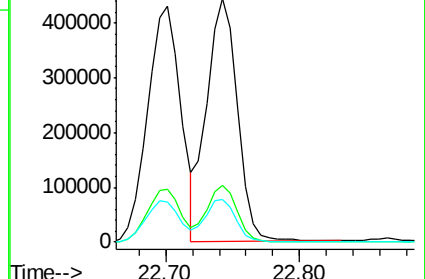
125 17.6 15.5 23.3

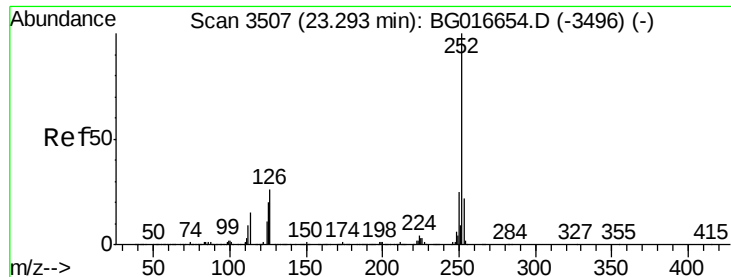


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 51.54 ng

RT: 23.27 min Scan# 3502

Delta R.T. 0.00 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

Instrument :

BNA\_G

ClientSampled :

SB-64DMS

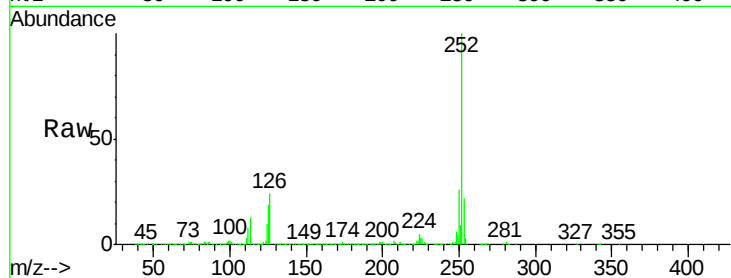
Tot Ion:252 Resp: 722953

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

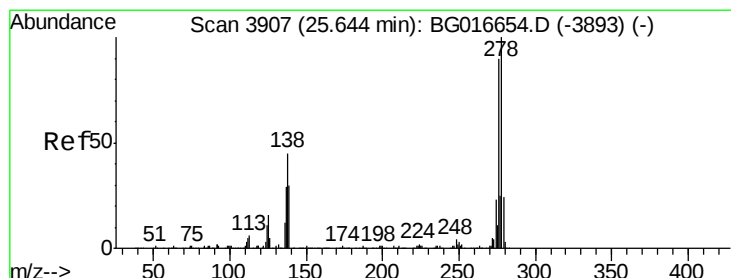
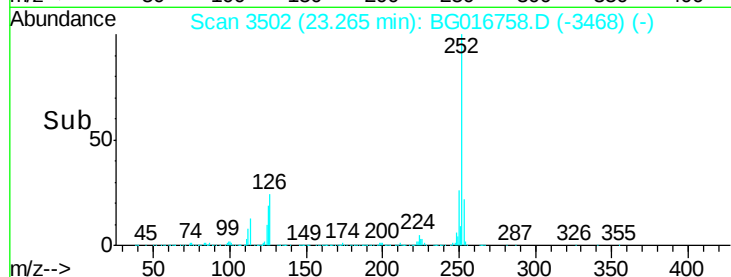
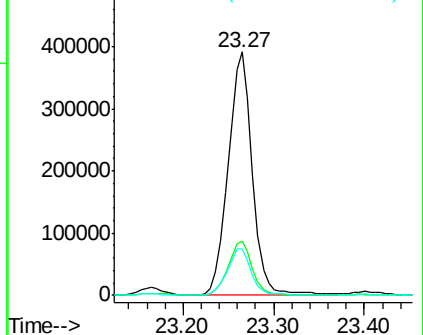
125 19.2 16.3 24.5



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: 44.91 ng

RT: 25.60 min Scan# 3899

Delta R.T. 0.01 min

Lab File: BG016758.D

Acq: 28 Apr 2015 8:03

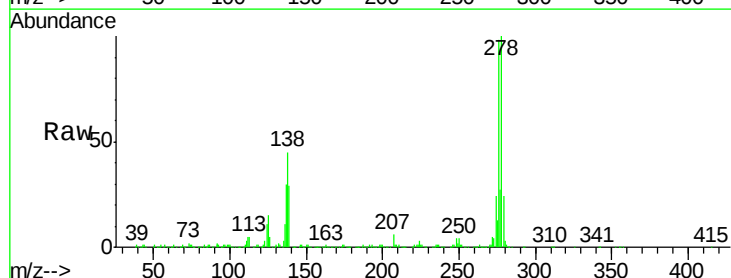
Tgt Ion:278 Resp: 612526

Ion Ratio Lower Upper

278 100

139 28.9 24.2 36.2

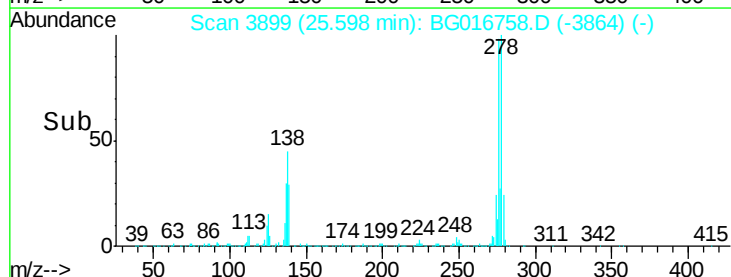
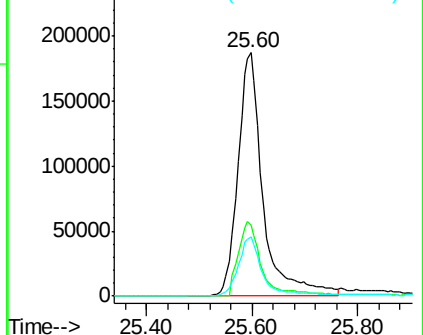
279 24.1 18.9 28.3

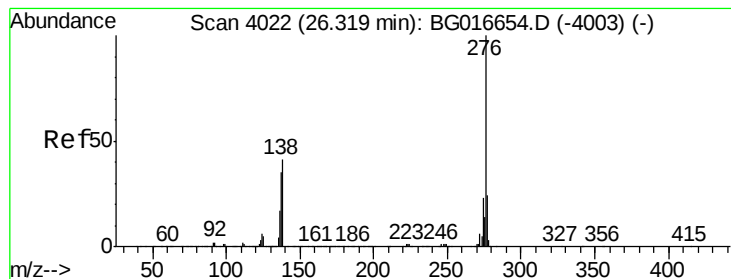


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91  
 Benzo(a,h,i)perylene  
 Concen: 44.95 ng  
 RT: 26.27 min Scan# 4013  
 Delta R.T. 0.00 min  
 Lab File: BG016758.D  
 Acq: 28 Apr 2015 8:03

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SB-64DMS

Tot Ion: 276 Resp: 623778  
 Ion Ratio Lower Upper  
 276 100  
 277 23.9 19.3 28.9  
 138 39.2 32.8 49.2

