

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041015\  
 Data File : BG016332.D  
 Acq On : 10 Apr 2015 22:59  
 Operator : TP/IZ  
 Sample : G1806-02MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Quant Time: Apr 13 03:28:12 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 04:17:17 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.69  | 152  | 87533    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.48 | 136  | 411658   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.33 | 164  | 250601   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.08 | 188  | 504160   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.25 | 240  | 424768   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.49 | 264  | 406967   | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.28  | 112  | 295020   | 53.19  | ng    | 0.00     |
| 7) Phenol-d6                | 6.88  | 99   | 253157   | 30.41  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 8.85  | 82   | 593651   | 83.54  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 15.82 | 330  | 218237   | 128.77 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 12.96 | 172  | 1242164  | 84.39  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.70 | 244  | 1414897  | 77.96  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88   | 31701    | 12.57 | ng    | 97     |
| 3) Pyridine                    | 3.56  | 79   | 76778    | 10.19 | ng    | 97     |
| 4) n-Nitrosodimethylamine      | 3.49  | 42   | 29418    | 13.13 | ng    | # 99   |
| 6) Aniline                     | 7.02  | 93   | 188697   | 15.87 | ng    | 97     |
| 8) 2-Chlorophenol              | 7.26  | 128  | 210422   | 31.59 | ng    | 96     |
| 9) Benzaldehyde                | 6.84  | 77   | 88741    | 18.20 | ng    | 97     |
| 10) Phenol                     | 6.91  | 94   | 100248   | 11.25 | ng    | 97     |
| 11) bis(2-Chloroethyl)ether    | 7.12  | 93   | 277115   | 39.01 | ng    | 99     |
| 12) 1,3-Dichlorobenzene        | 7.58  | 146  | 276321   | 41.08 | ng    | 97     |
| 13) 1,4-Dichlorobenzene        | 7.73  | 146  | 281365   | 40.33 | ng    | 97     |
| 14) 1,2-Dichlorobenzene        | 8.05  | 146  | 274247   | 41.10 | ng    | 97     |
| 15) Benzyl Alcohol             | 7.93  | 79   | 124841   | 21.51 | ng    | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.23  | 45   | 320184   | 40.02 | ng    | 99     |
| 17) 2-Methylphenol             | 8.15  | 107  | 142970   | 23.93 | ng    | 98     |
| 18) Hexachloroethane           | 8.76  | 117  | 104951   | 39.32 | ng    | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.50  | 70   | 222812   | 37.35 | ng    | 98     |
| 20) 3+4-Methylphenols          | 8.47  | 107  | 171980   | 20.78 | ng    | 97     |
| 22) Acetophenone               | 8.52  | 105  | 395499   | 41.43 | ng    | 98     |
| 24) Nitrobenzene               | 8.89  | 77   | 299040   | 39.35 | ng    | 95     |
| 25) Isophorone                 | 9.41  | 82   | 612376   | 38.81 | ng    | 98     |
| 26) 2-Nitrophenol              | 9.60  | 139  | 149085   | 42.07 | ng    | 96     |
| 27) 2,4-Dimethylphenol         | 9.67  | 122  | 231692   | 35.10 | ng    | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.90  | 93   | 367181   | 40.76 | ng    | 100    |
| 29) 2,4-Dichlorophenol         | 10.14 | 162  | 215498   | 41.26 | ng    | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.34 | 180  | 241080   | 44.21 | ng    | 99     |
| 31) Naphthalene                | 10.53 | 128  | 880833   | 41.06 | ng    | 99     |
| 32) Benzoic acid               | 9.76  | 122  | 38709    | 16.09 | ng    | 96     |
| 33) 4-Chloroaniline            | 10.64 | 127  | 173226   | 17.21 | ng    | 99     |
| 34) Hexachlorobutadiene        | 10.81 | 225  | 105120   | 43.89 | ng    | 98     |
| 35) Caprolactam                | 11.42 | 113  | 15240    | 4.63  | ng    | 96     |
| 36) 4-Chloro-3-methylphenol    | 11.78 | 107  | 237571   | 34.43 | ng    | 99     |
| 37) 2-Methylnaphthalene        | 12.15 | 142  | 661395   | 42.86 | ng    | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216  | 228023   | 41.33 | ng    | 99     |
| 40) Hexachlorocyclopentadiene  | 12.50 | 237  | 218631   | 86.57 | ng    | 99     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG041015\  
 Data File : BG016332.D  
 Acq On : 10 Apr 2015 22:59  
 Operator : TP/IZ  
 Sample : G1806-02MSD  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

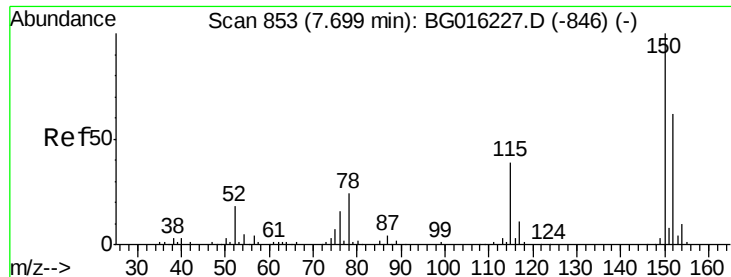
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Quant Time: Apr 13 03:28:12 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG040615.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Apr 07 04:17:17 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.76 | 196  | 162632   | 39.67 | ng    | 98       |
| 43) 2,4,5-Trichlorophenol      | 12.84 | 196  | 179046   | 40.87 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.16 | 154  | 801697   | 41.70 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.20 | 162  | 603370   | 41.20 | ng    | 99       |
| 47) 2-Nitroaniline             | 13.42 | 65   | 192556   | 40.79 | ng    | 99       |
| 48) Acenaphthylene             | 14.06 | 152  | 1042413  | 40.03 | ng    | 98       |
| 49) Dimethylphthalate          | 13.80 | 163  | 792152   | 43.13 | ng    | 98       |
| 50) 2,6-Dinitrotoluene         | 13.92 | 165  | 197798   | 44.53 | ng    | 92       |
| 51) Acenaphthene               | 14.40 | 154  | 642284   | 41.28 | ng    | 99       |
| 52) 3-Nitroaniline             | 14.25 | 138  | 117672   | 20.74 | ng    | 89       |
| 53) 2,4-Dinitrophenol          | 14.46 | 184  | 185942   | 73.12 | ng    | 97       |
| 54) Dibenzofuran               | 14.73 | 168  | 909754   | 42.13 | ng    | 98       |
| 55) 4-Nitrophenol              | 14.57 | 139  | 111574   | 23.80 | ng    | 98       |
| 56) 2,4-Dinitrotoluene         | 14.71 | 165  | 270152   | 44.65 | ng    | 93       |
| 57) Fluorene                   | 15.38 | 166  | 792382   | 41.59 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 145698   | 43.10 | ng    | 94       |
| 59) Diethylphthalate           | 15.16 | 149  | 822017   | 42.05 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.38 | 204  | 332612   | 42.68 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.41 | 138  | 213913   | 33.22 | ng    | 99       |
| 62) Azobenzene                 | 15.67 | 77   | 857535   | 41.21 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 133158   | 38.37 | ng    | 96       |
| 65) n-Nitrosodiphenylamine     | 15.60 | 169  | 707762   | 41.53 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.27 | 248  | 178722   | 44.40 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.38 | 284  | 185505   | 44.34 | ng    | 99       |
| 68) Atrazine                   | 16.55 | 200  | 228443   | 48.09 | ng    | 99       |
| 69) Pentachlorophenol          | 16.73 | 266  | 211093   | 82.63 | ng    | 97       |
| 70) Phenanthrene               | 17.12 | 178  | 1179355  | 41.59 | ng    | 98       |
| 71) Anthracene                 | 17.21 | 178  | 1188912  | 42.31 | ng    | 99       |
| 72) Carbazole                  | 17.48 | 167  | 1190153  | 42.20 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.04 | 149  | 1485517  | 43.04 | ng    | 98       |
| 74) Fluoranthene               | 19.13 | 202  | 1238495  | 42.37 | ng    | 98       |
| 76) Benzidine                  | 19.32 | 184  | 445621   | 24.74 | ng    | 98       |
| 77) Pyrene                     | 19.50 | 202  | 1294080  | 43.75 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.40 | 149  | 716514   | 49.31 | ng    | 98       |
| 80) Benzo(a)anthracene         | 21.24 | 228  | 1048758  | 41.78 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 200759   | 24.32 | ng    | 99       |
| 82) Chrysene                   | 21.29 | 228  | 1007573  | 41.57 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 968407   | 49.23 | ng    | 96       |
| 84) Di-n-octyl phthalate       | 22.04 | 149  | 1601585  | 49.97 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 25.78 | 276  | 1068633  | 42.44 | ng    | 98       |
| 87) Benzo(b)fluoranthene       | 22.82 | 252  | 998710   | 41.90 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 22.86 | 252  | 981206   | 42.07 | ng    | 98       |
| 89) Benzo(a)pyrene             | 23.40 | 252  | 956186   | 42.80 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.80 | 278  | 884316   | 40.68 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 26.49 | 276  | 926355   | 42.66 | ng    | 100      |

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



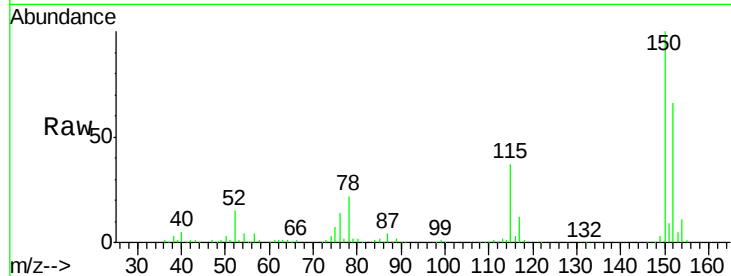


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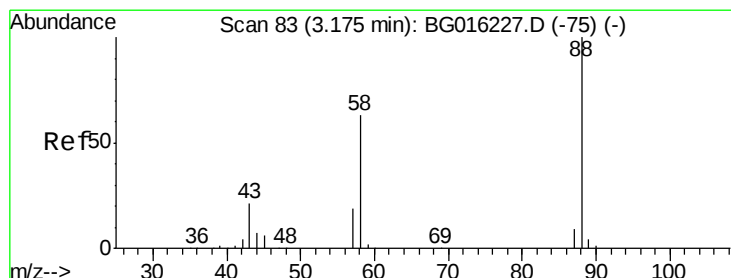
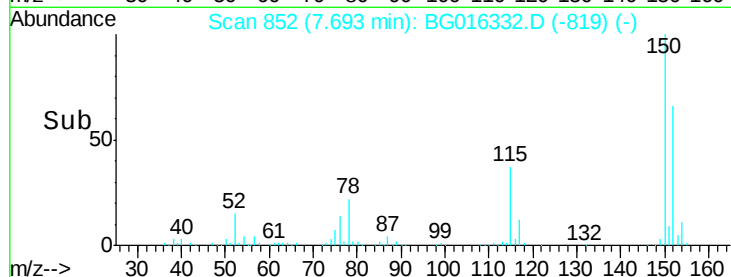
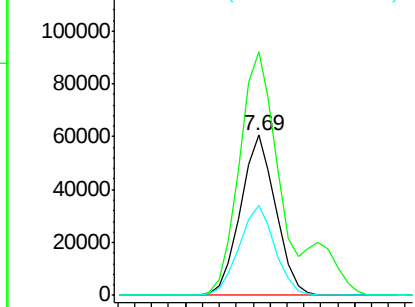
1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.69 min Scan# 852  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Tgt Ion: 152 Resp: 87533  
 Ion Ratio Lower Upper  
 152 100  
 150 152.3 130.1 195.1  
 115 56.4 50.5 75.7



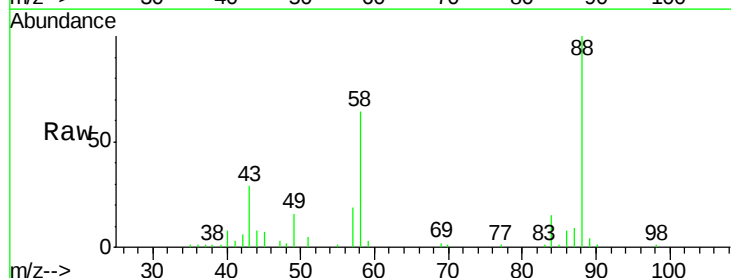
Abundance Ion 152.00 (151.70 to 152.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 115.00 (114.70 to 115.70): E



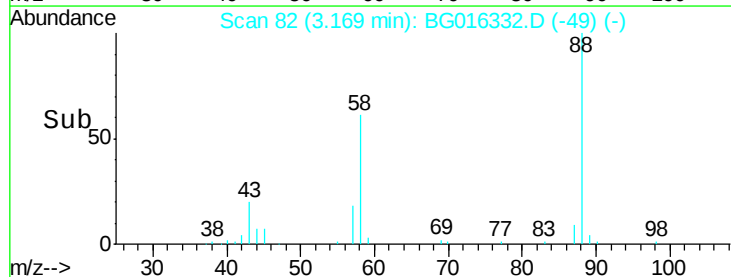
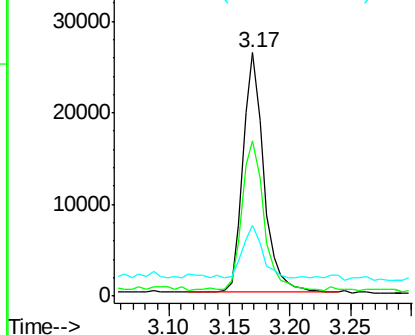
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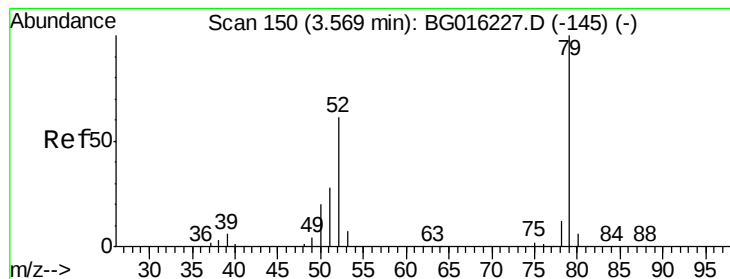
1,4-Dioxane  
 Concen: 12.57 ng  
 RT: 3.17 min Scan# 82  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion: 88 Resp: 31701  
 Ion Ratio Lower Upper  
 88 100  
 58 65.7 50.6 76.0  
 43 22.1 17.0 25.4



Abundance Ion 88.00 (87.70 to 88.70): BGC  
 Ion 58.00 (57.70 to 58.70): BGC  
 Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 10.19 ng

RT: 3.56 min Scan# 149

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

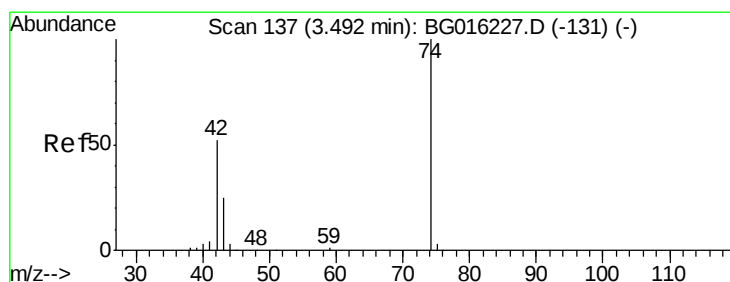
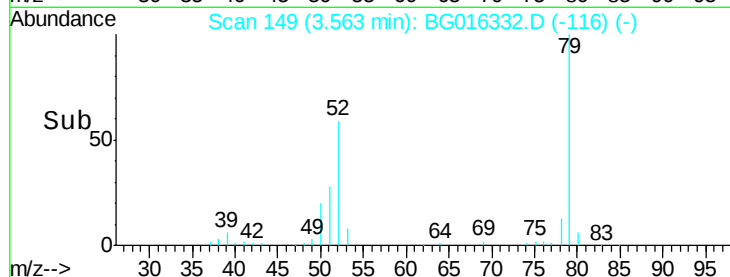
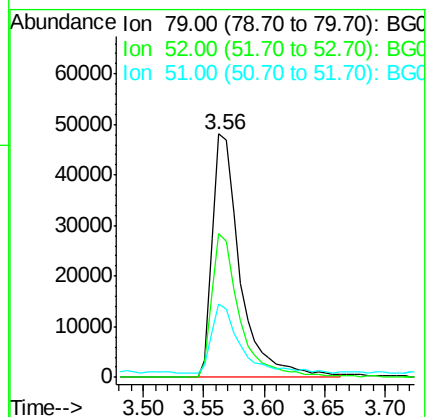
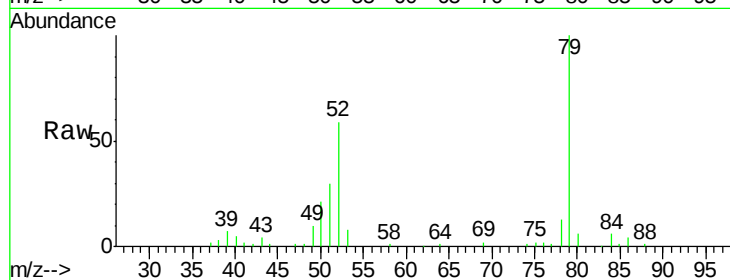
Tgt Ion: 79 Resp: 76778

Ion Ratio Lower Upper

79 100

52 59.2 49.0 73.4

51 29.9 22.5 33.7



#4

n-Nitrosodimethylamine

Concen: 13.13 ng

RT: 3.49 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

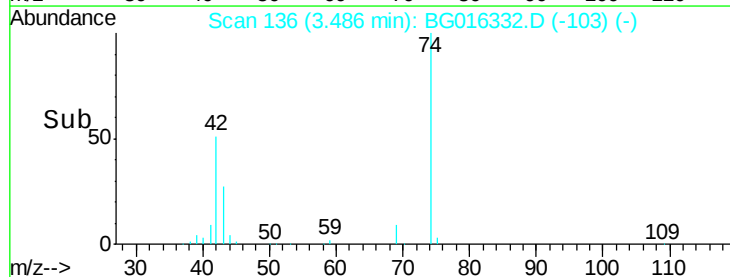
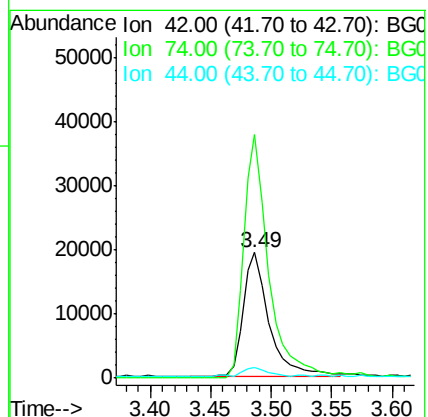
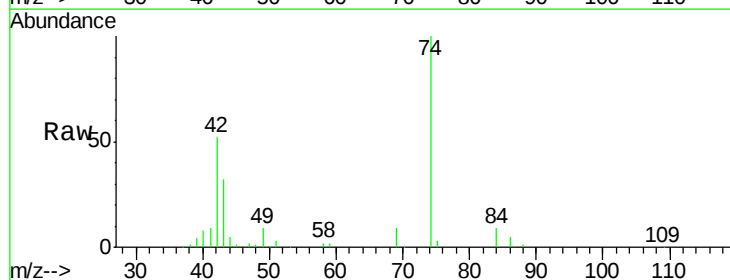
Tgt Ion: 42 Resp: 29418

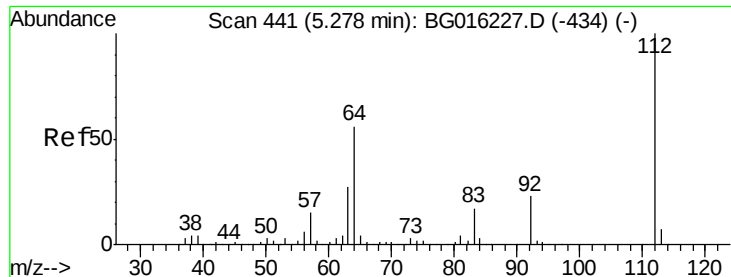
Ion Ratio Lower Upper

42 100

74 193.8 153.7 230.5

44 8.8 5.3 7.9#





#5

2-Fluorophenol

Concen: 53.19 ng

RT: 5.28 min Scan# 442

Delta R.T. 0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

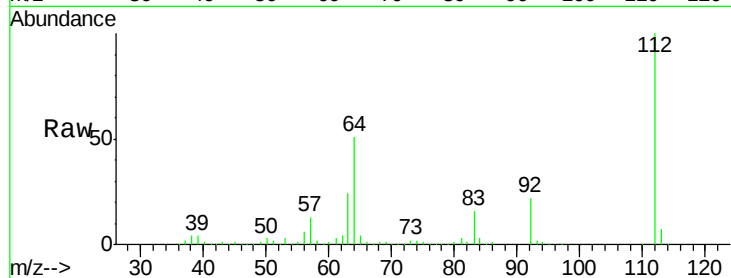
Tgt Ion: 112 Resp: 295020

Ion Ratio Lower Upper

112 100

64 50.8 44.5 66.7

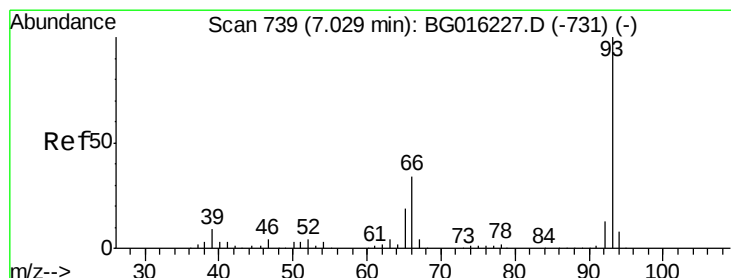
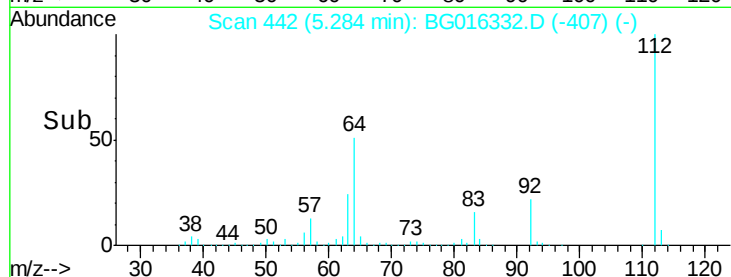
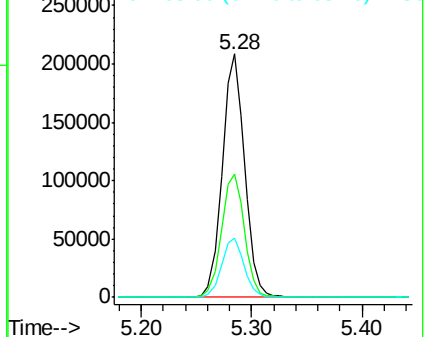
63 24.4 21.4 32.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 15.87 ng

RT: 7.02 min Scan# 738

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

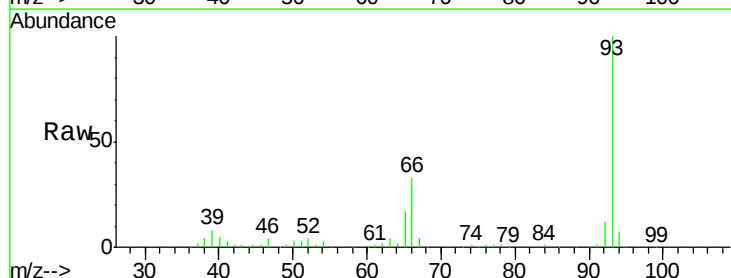
Tgt Ion: 93 Resp: 188697

Ion Ratio Lower Upper

93 100

66 33.3 27.5 41.3

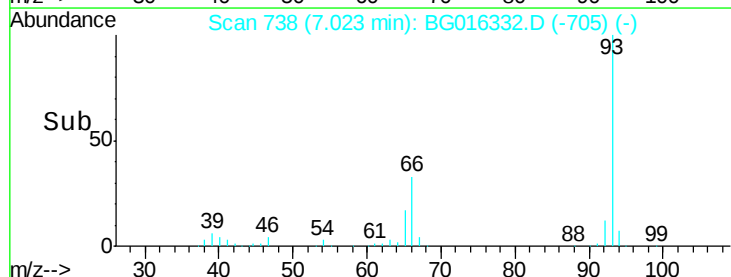
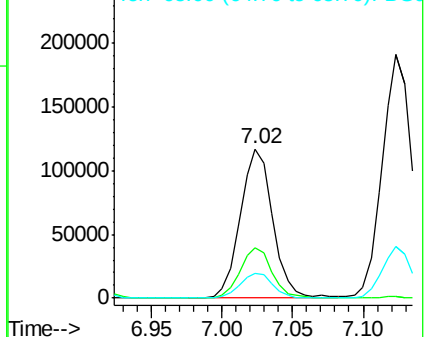
65 16.6 15.1 22.7

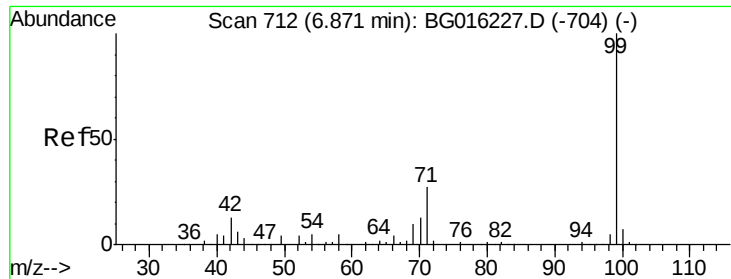


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 30.41 ng

RT: 6.88 min Scan# 713

Delta R.T. 0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

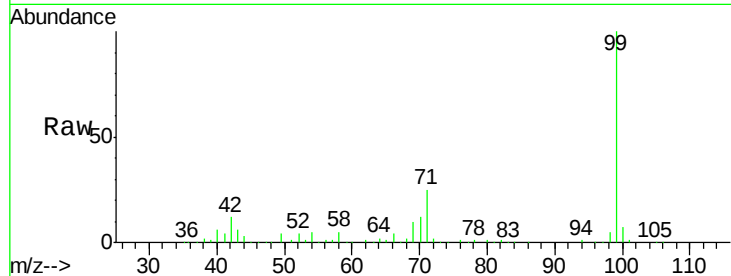
Tgt Ion: 99 Resp: 253157

Ion Ratio Lower Upper

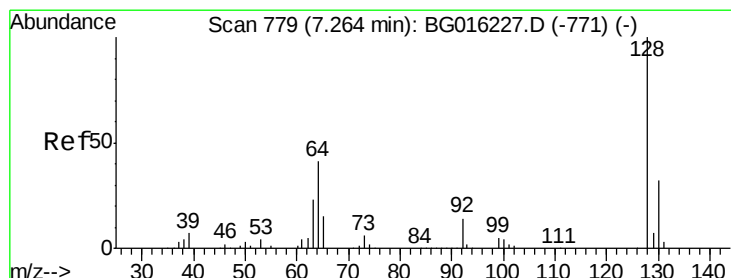
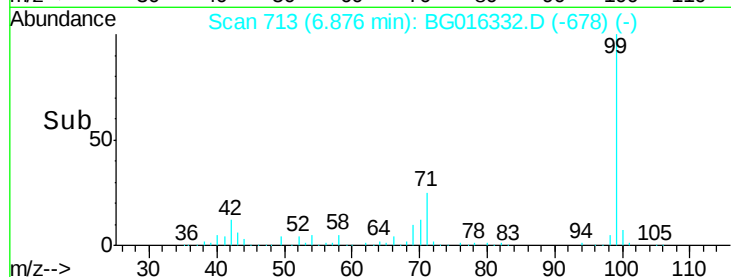
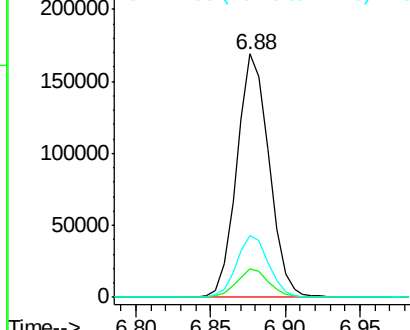
99 100

42 11.9 10.0 15.0

71 25.5 21.5 32.3



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: 31.59 ng

RT: 7.26 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

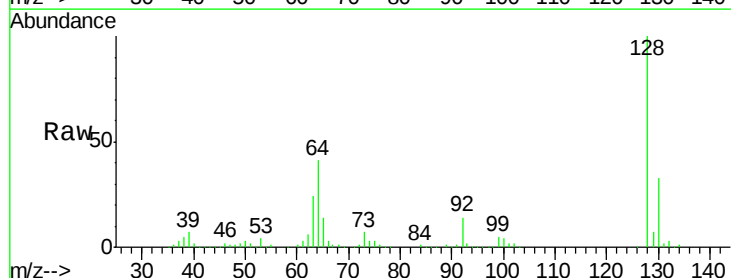
Tgt Ion: 128 Resp: 210422

Ion Ratio Lower Upper

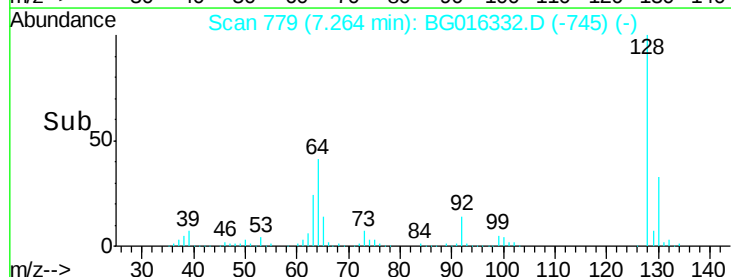
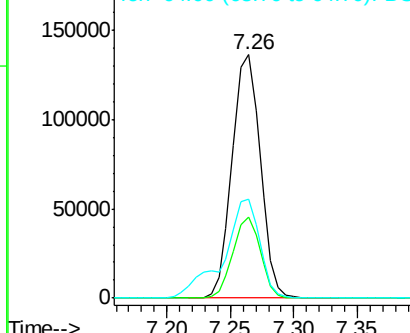
128 100

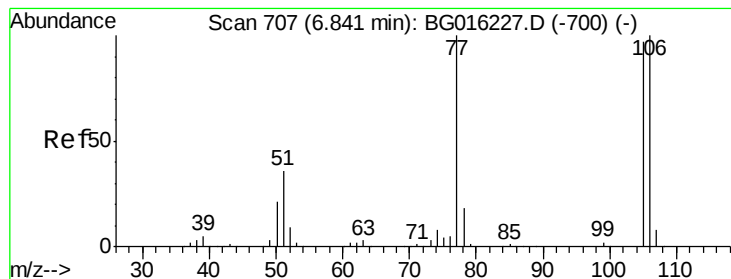
130 33.1 11.6 51.6

64 40.9 24.2 64.2



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: 18.20 ng

RT: 6.84 min Scan# 706

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

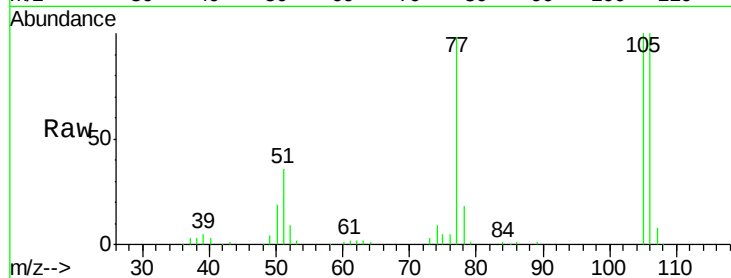
Tgt Ion: 77 Resp: 88741

Ion Ratio Lower Upper

77 100

105 101.5 76.8 116.8

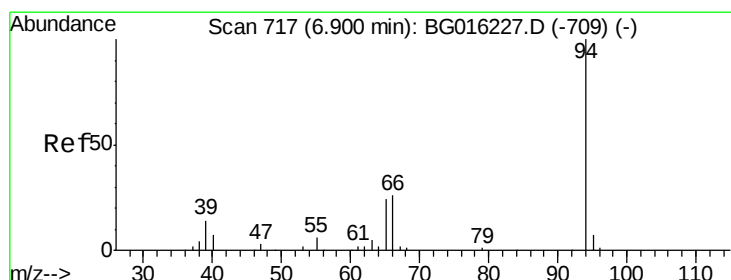
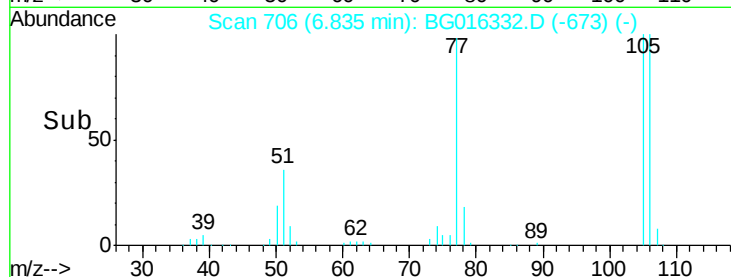
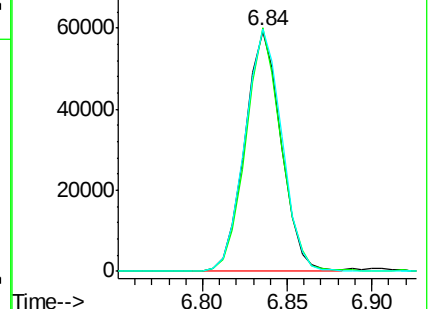
106 101.1 80.1 120.1



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: 11.25 ng

RT: 6.91 min Scan# 718

Delta R.T. 0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

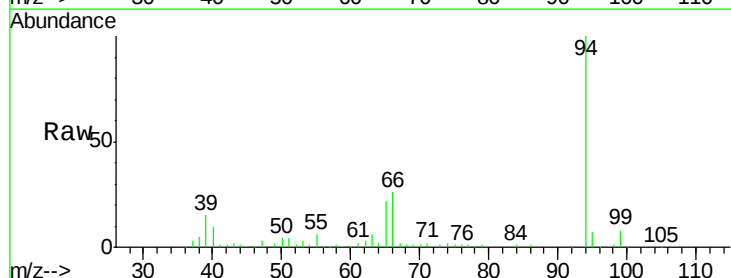
Tgt Ion: 94 Resp: 100248

Ion Ratio Lower Upper

94 100

65 22.3 3.8 43.8

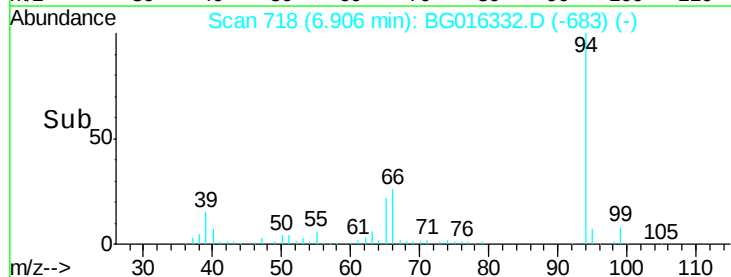
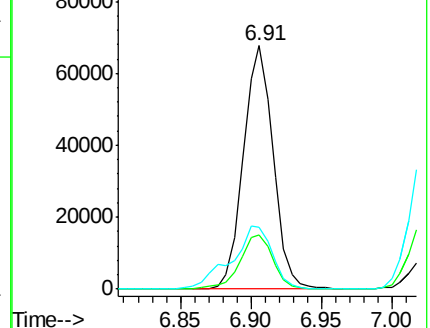
66 25.6 7.4 47.4

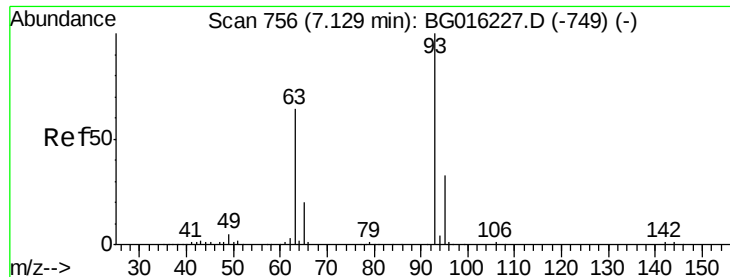


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

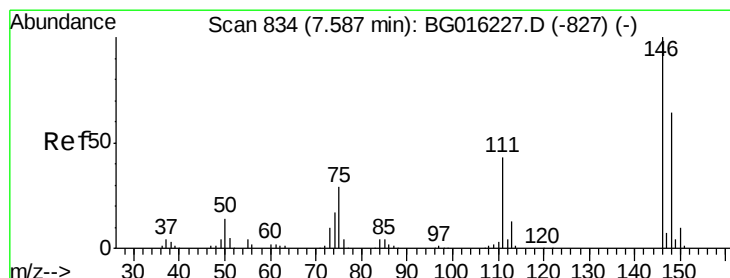
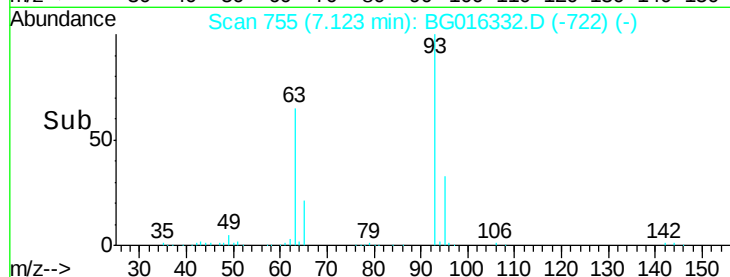
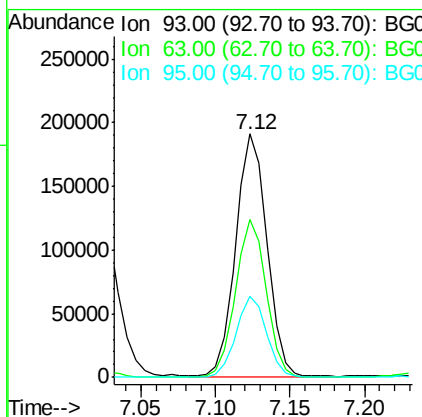
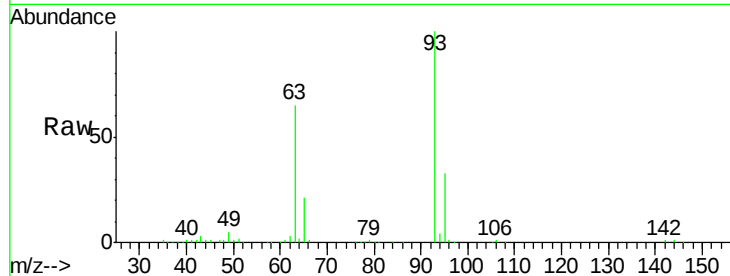




#11  
bis(2-Chloroethyl)ether  
Concen: 39.01 ng  
RT: 7.12 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

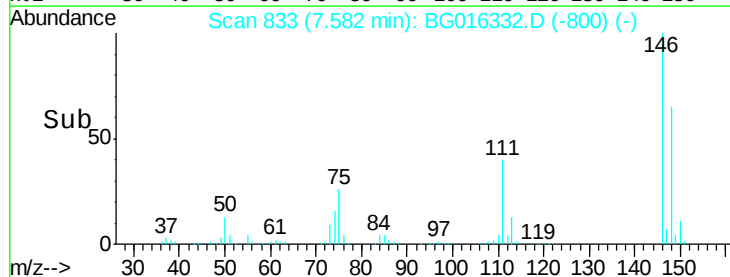
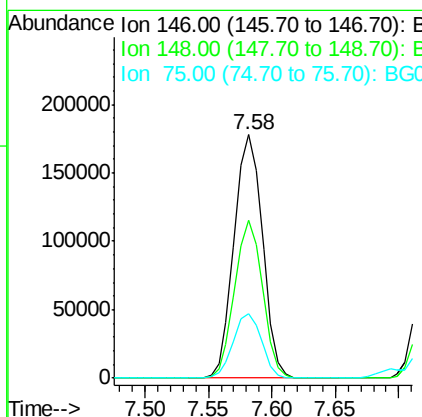
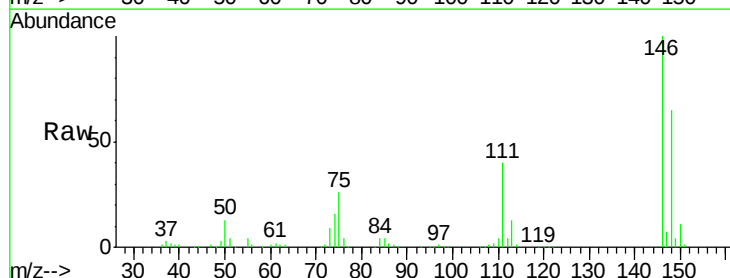
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

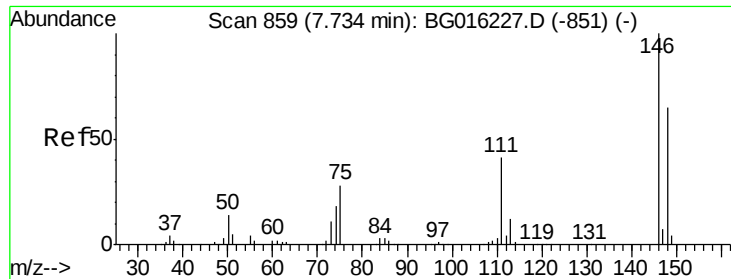
Tgt Ion: 93 Resp: 277115  
Ion Ratio Lower Upper  
93 100  
63 65.0 44.1 84.1  
95 33.3 12.5 52.5



#12  
1,3-Dichlorobenzene  
Concen: 41.08 ng  
RT: 7.58 min Scan# 833  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion: 146 Resp: 276321  
Ion Ratio Lower Upper  
146 100  
148 65.1 50.9 76.3  
75 26.3 23.3 34.9

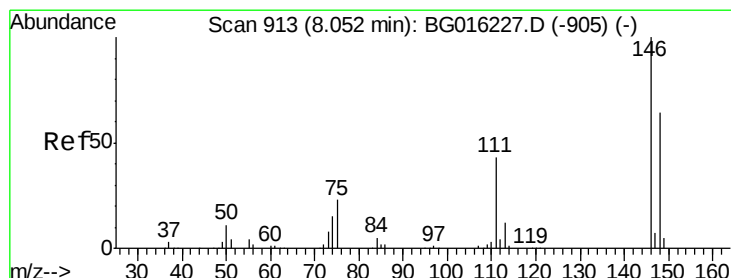
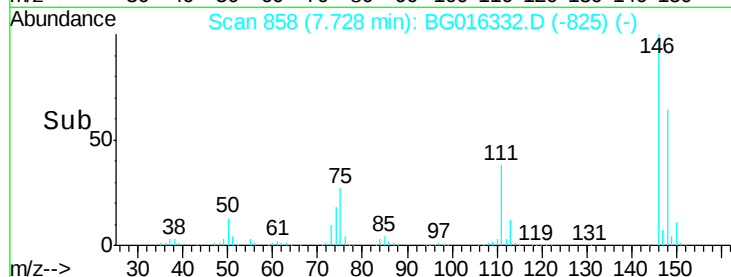
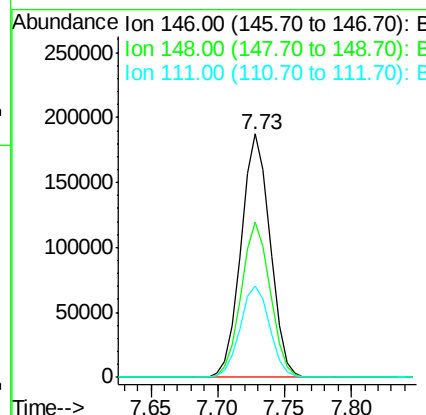
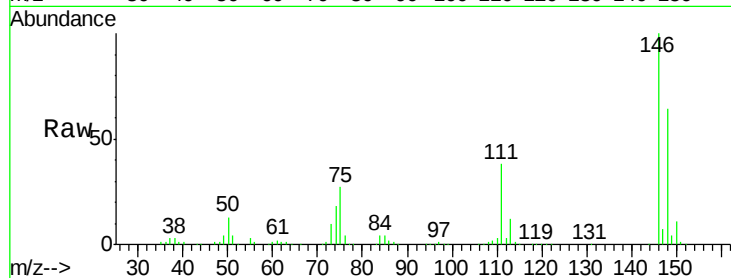




#13  
 1,4-Dichlorobenzene  
 Concen: 40.33 ng  
 RT: 7.73 min Scan# 858  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

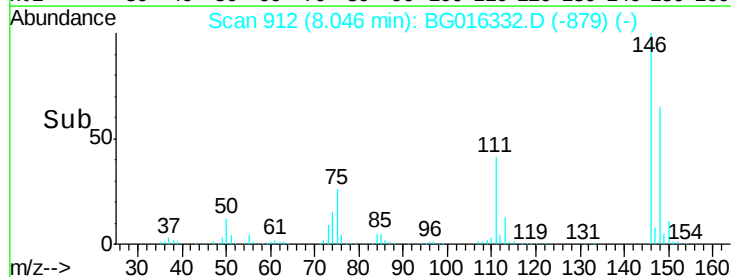
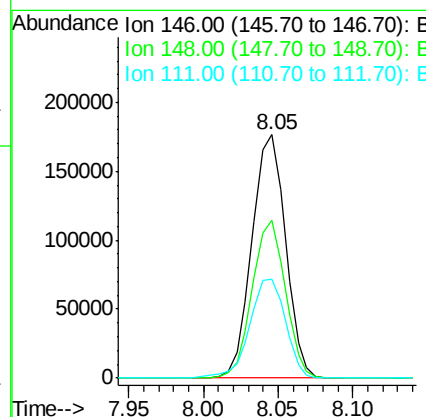
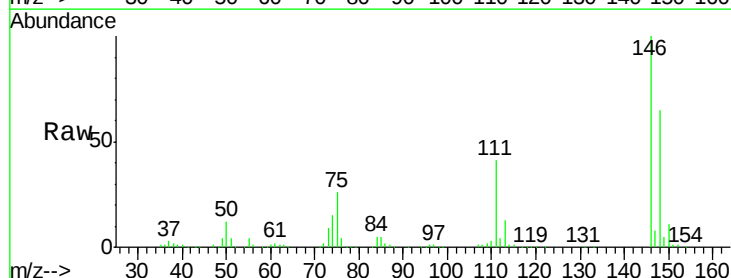
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

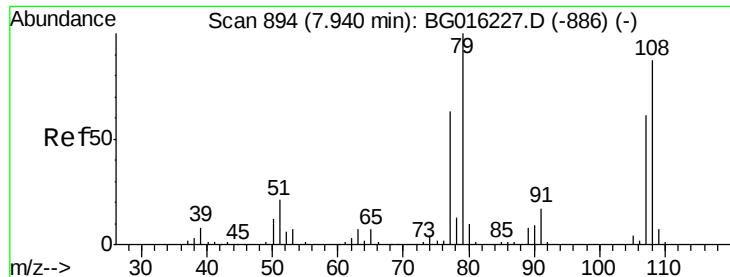
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.8  | 52.0  | 78.0  |
| 111     | 37.7  | 32.6  | 49.0  |



#14  
 1,2-Dichlorobenzene  
 Concen: 41.10 ng  
 RT: 8.05 min Scan# 912  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 65.1  | 50.9  | 76.3  |
| 111     | 40.8  | 34.7  | 52.1  |





#15

Benzyl Alcohol

Concen: 21.51 ng

RT: 7.93 min Scan# 893

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

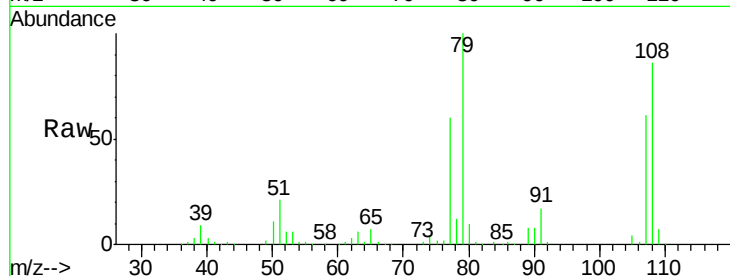
Tgt Ion: 79 Resp: 124841

Ion Ratio Lower Upper

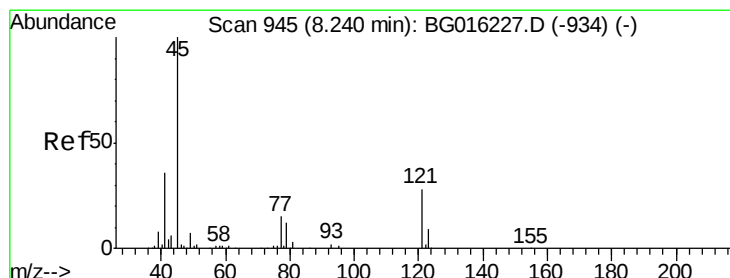
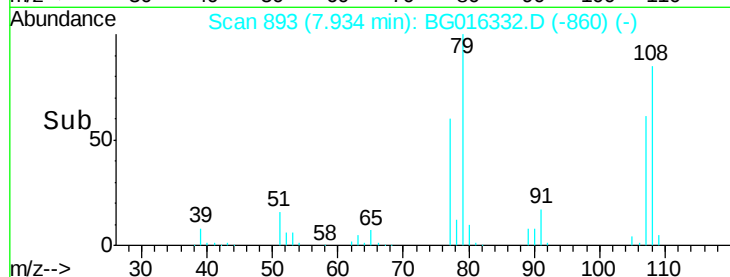
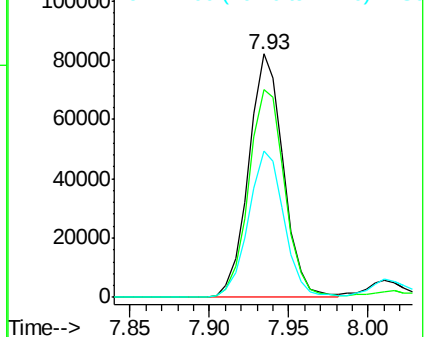
79 100

108 85.5 69.3 103.9

77 60.2 50.3 75.5



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: 40.02 ng

RT: 8.23 min Scan# 944

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

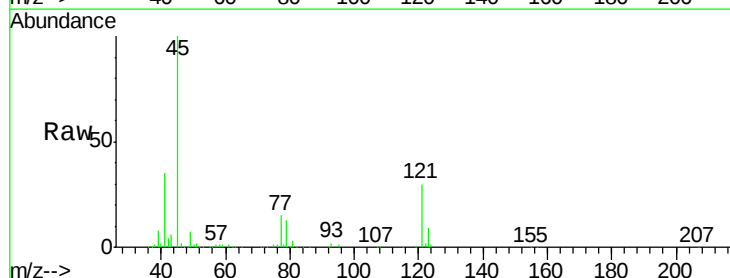
Tgt Ion: 45 Resp: 320184

Ion Ratio Lower Upper

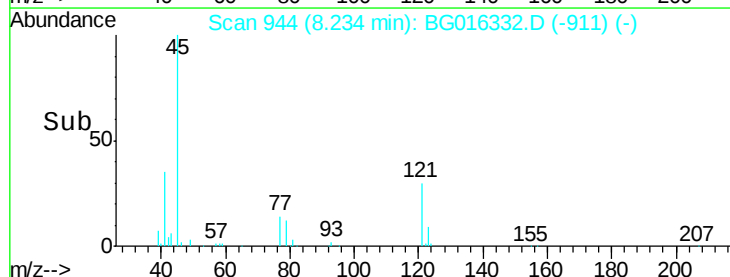
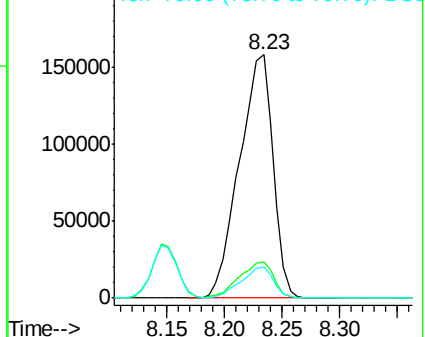
45 100

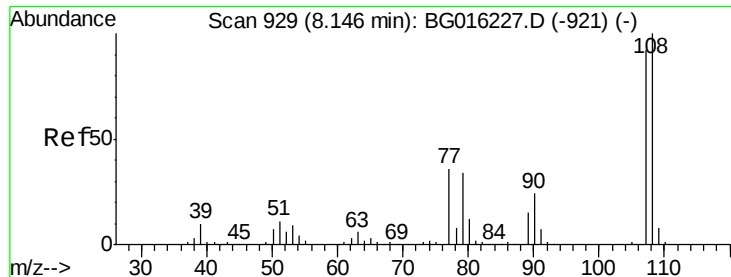
77 14.8 0.0 35.3

79 12.8 0.0 32.3



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

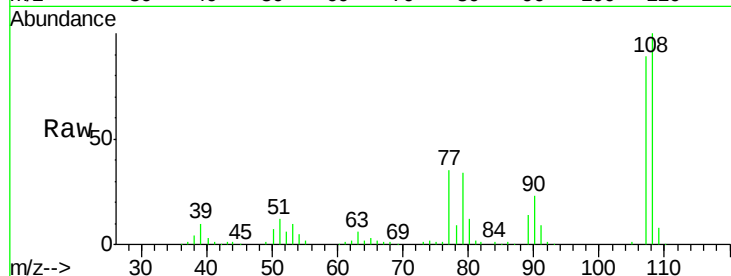




#17  
 2-Methylphenol  
 Concen: 23.93 ng  
 RT: 8.15 min Scan# 929  
 Delta R.T. 0.00 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 142970 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 111.9 | 87.2  | 130.8  |
| 77       | 39.5  | 31.1  | 46.7   |
| 79       | 38.3  | 29.7  | 44.5   |



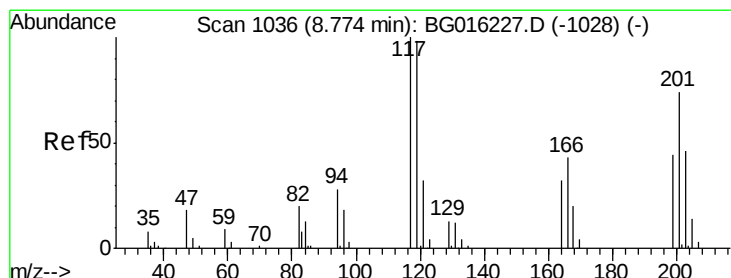
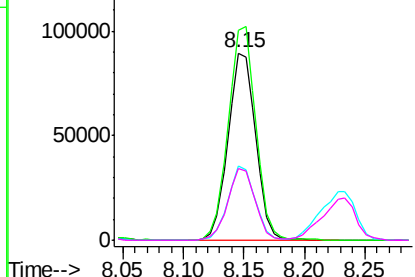
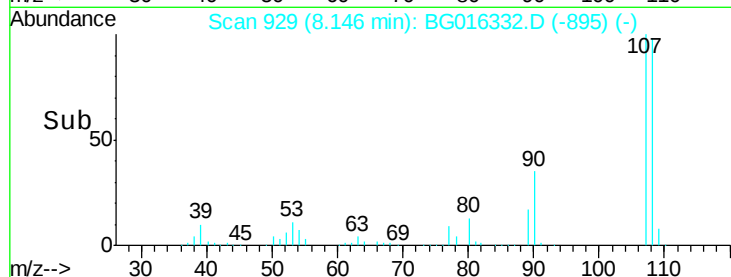
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

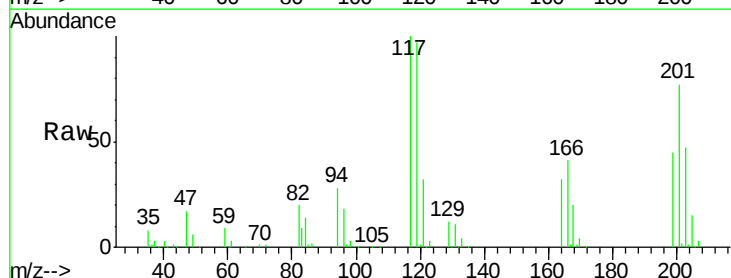
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18  
 Hexachloroethane  
 Concen: 39.32 ng  
 RT: 8.76 min Scan# 1034  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 104951 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 97.4  | 78.8  | 118.2  |
| 201      | 76.6  | 59.0  | 88.4   |

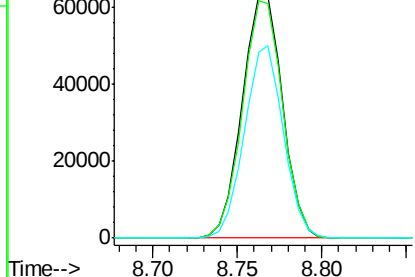
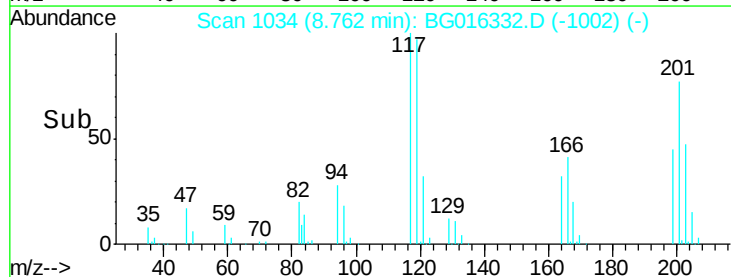


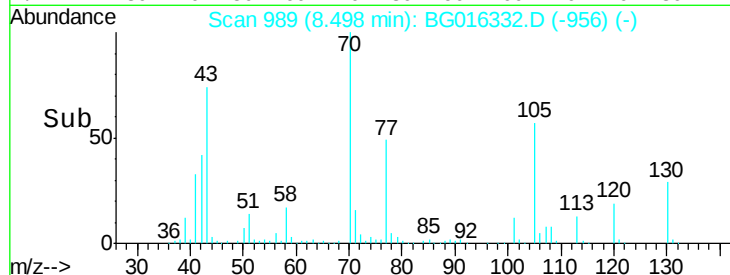
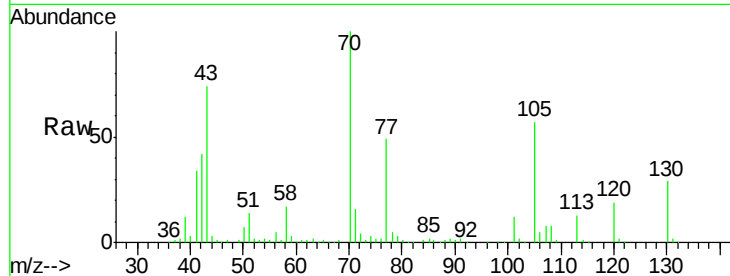
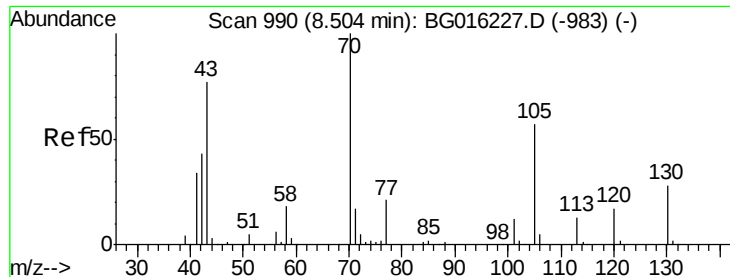
Abundance

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

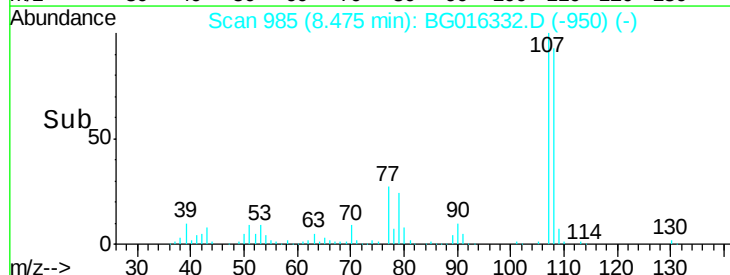
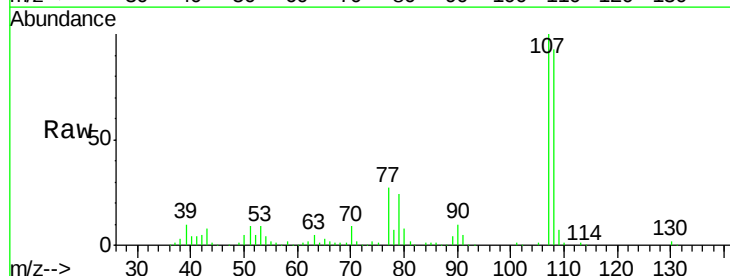
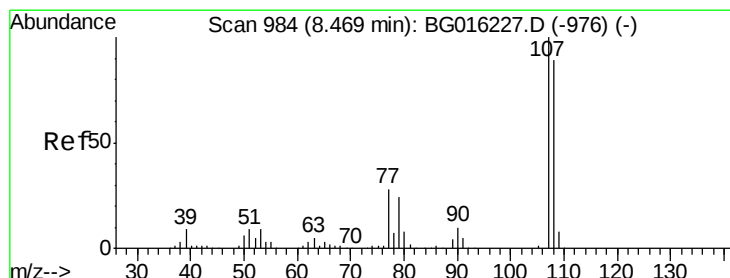
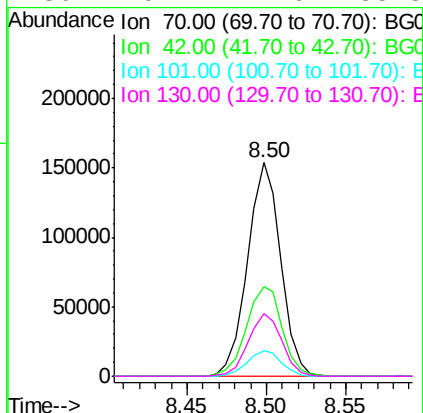




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.35 ng  
RT: 8.50 min Scan# 989  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

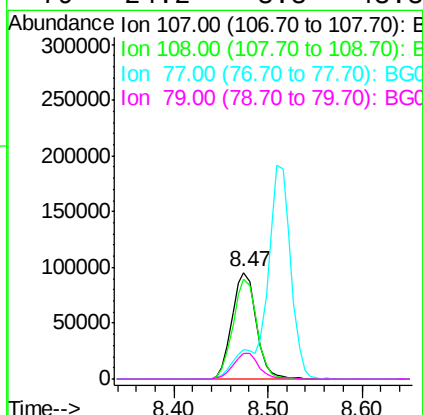
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

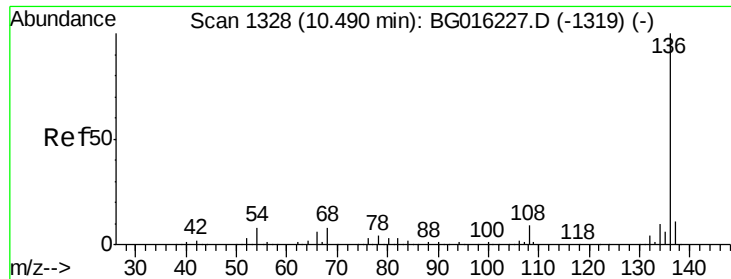
Tgt Ion: 70 Resp: 222812  
Ion Ratio Lower Upper  
70 100  
42 42.0 34.7 52.1  
101 11.8 9.2 13.8  
130 29.2 22.6 33.8



#20  
3+4-Methylphenols  
Concen: 20.78 ng  
RT: 8.47 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion: 107 Resp: 171980  
Ion Ratio Lower Upper  
107 100  
108 93.1 69.5 109.5  
77 27.4 8.2 48.2  
79 24.2 3.8 43.8

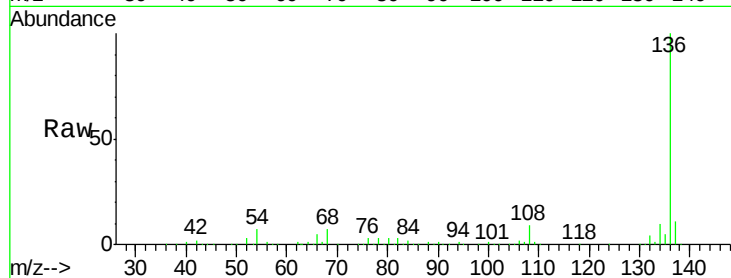




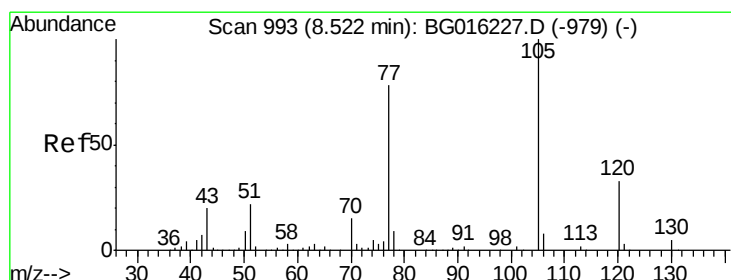
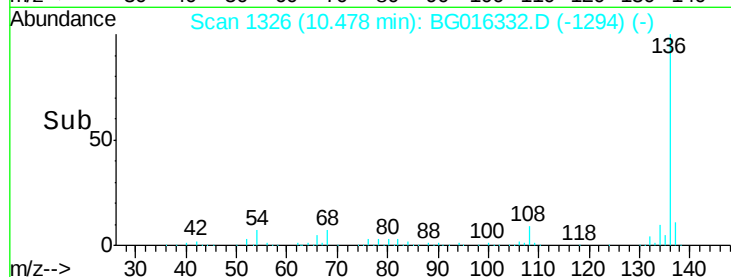
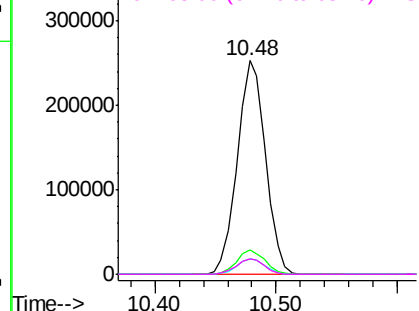
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.48 min Scan# 1326  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 136   | Resp: | 411658 |
| Ion      | Ratio | Lower | Upper  |
| 136      | 100   |       |        |
| 137      | 11.3  | 8.7   | 13.1   |
| 54       | 7.3   | 6.3   | 9.5    |
| 68       | 7.5   | 6.5   | 9.7    |

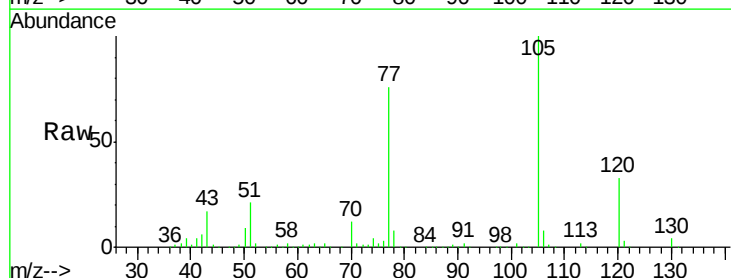


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

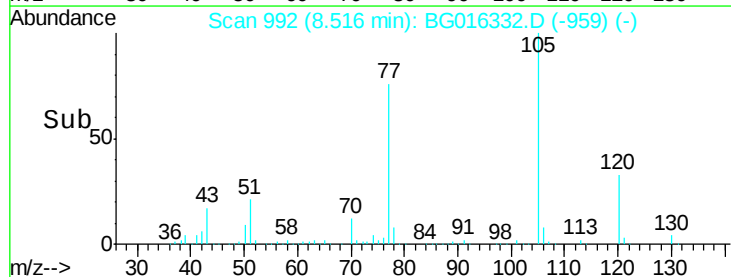
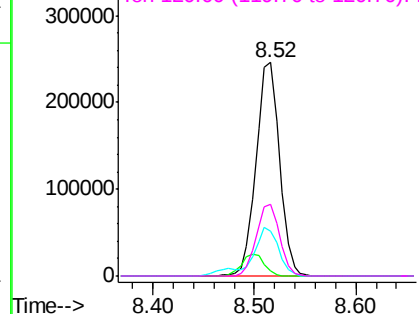


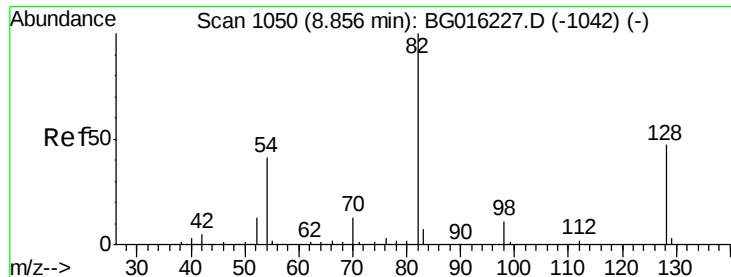
#22  
Acetophenone  
Concen: 41.43 ng  
RT: 8.52 min Scan# 992  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 105   | Resp: | 395499 |
| Ion      | Ratio | Lower | Upper  |
| 105      | 100   |       |        |
| 71       | 2.3   | 2.0   | 3.0    |
| 51       | 20.7  | 17.9  | 26.9   |
| 120      | 33.4  | 26.3  | 39.5   |



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

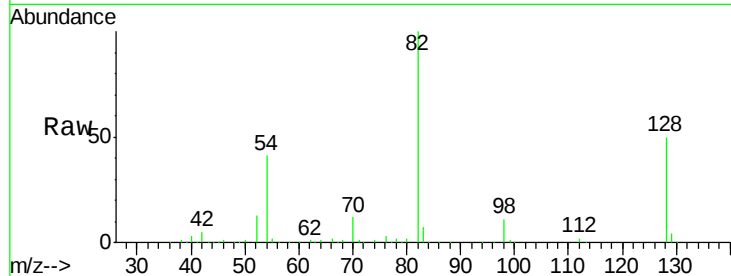




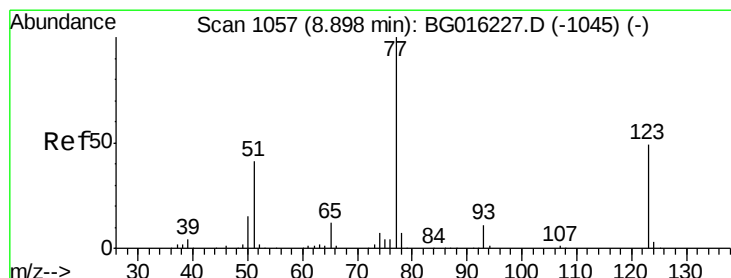
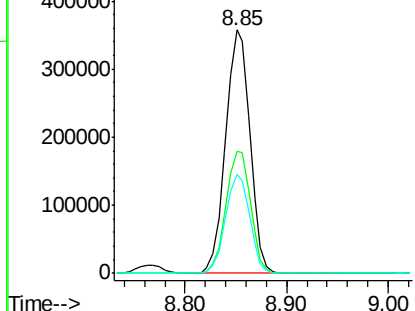
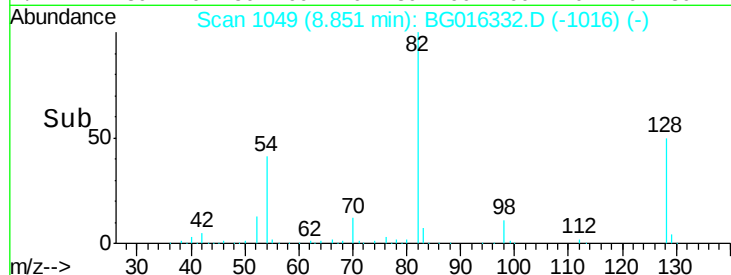
#23  
 Nitrobenzene-d5  
 Concen: 83.54 ng  
 RT: 8.85 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 82      | 100   |       |       |
| 128     | 50.0  | 37.8  | 56.8  |
| 54      | 40.8  | 32.6  | 49.0  |

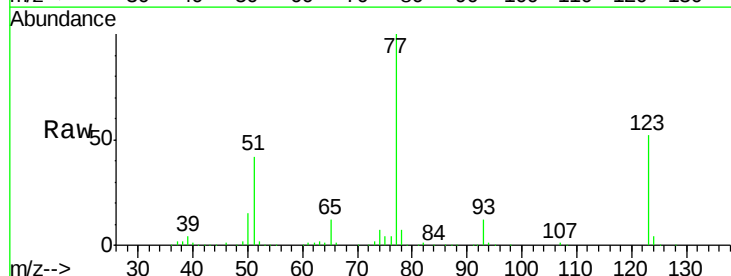


Abundance Ion 82.00 (81.70 to 82.70): BGC  
 Ion 128.00 (127.70 to 128.70): BGC  
 Ion 54.00 (53.70 to 54.70): BGC

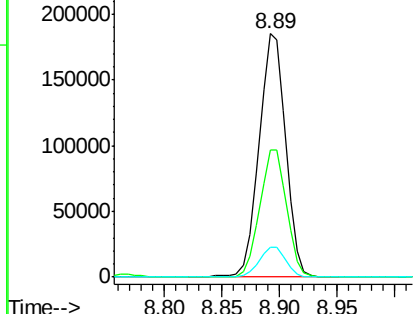
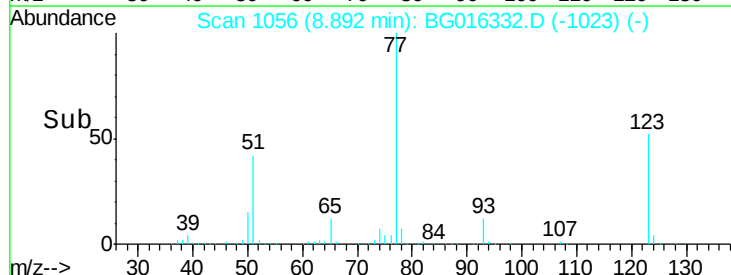


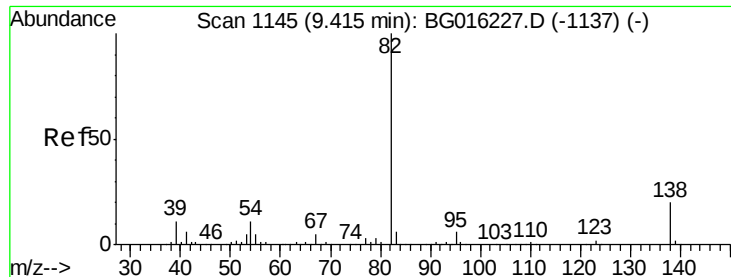
#24  
 Nitrobenzene  
 Concen: 39.35 ng  
 RT: 8.89 min Scan# 1056  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 123     | 52.2  | 38.8  | 58.2  |
| 65      | 12.5  | 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: 38.81 ng

RT: 9.41 min Scan# 1144

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

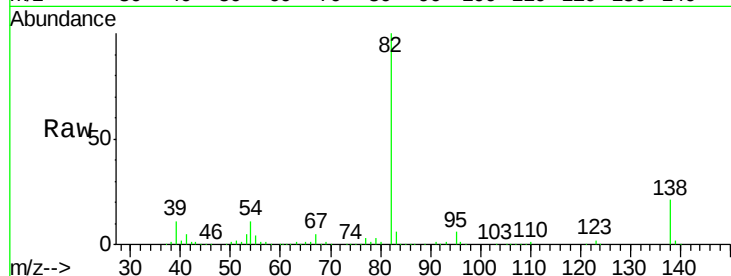
Tgt Ion: 82 Resp: 612376

Ion Ratio Lower Upper

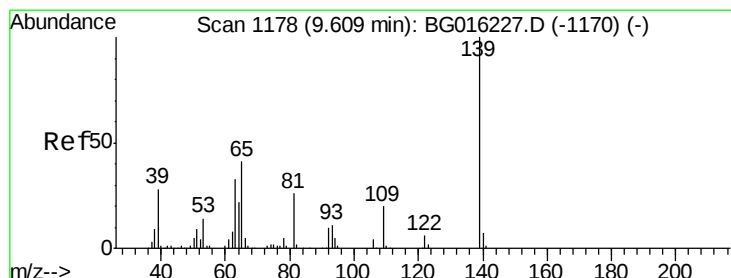
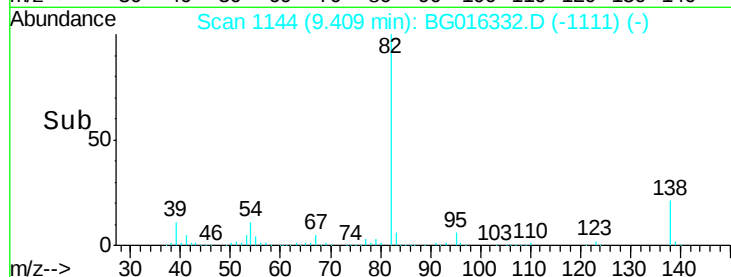
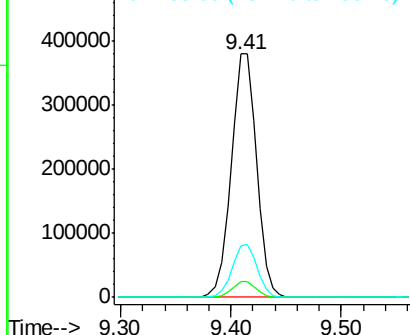
82 100

95 6.4 5.0 7.6

138 21.3 16.2 24.2



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



#26

2-Nitrophenol

Concen: 42.07 ng

RT: 9.60 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

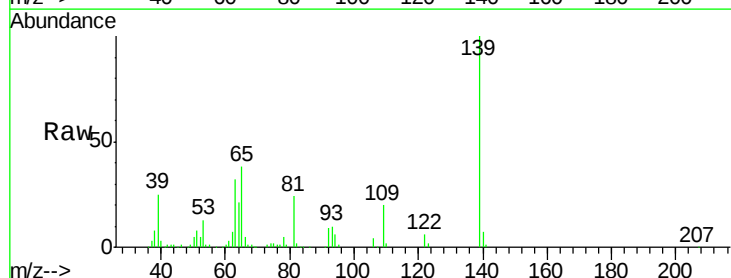
Tgt Ion: 139 Resp: 149085

Ion Ratio Lower Upper

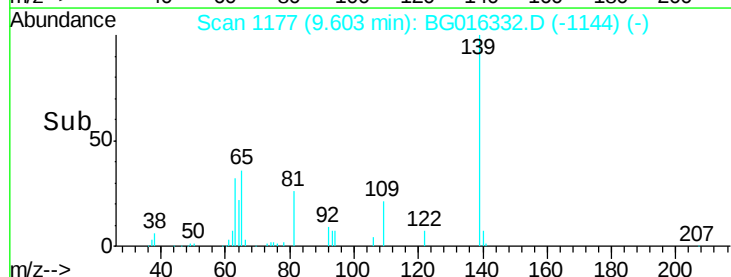
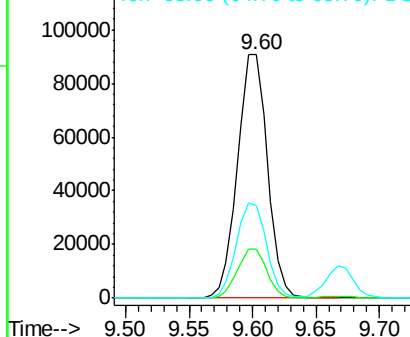
139 100

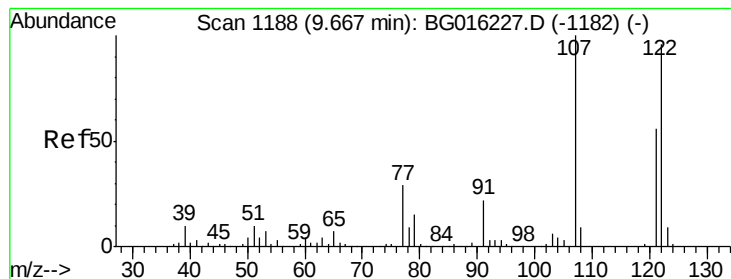
109 20.3 15.9 23.9

65 38.0 32.9 49.3



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





#27

2,4-Dimethylphenol

Concen: 35.10 ng

RT: 9.67 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

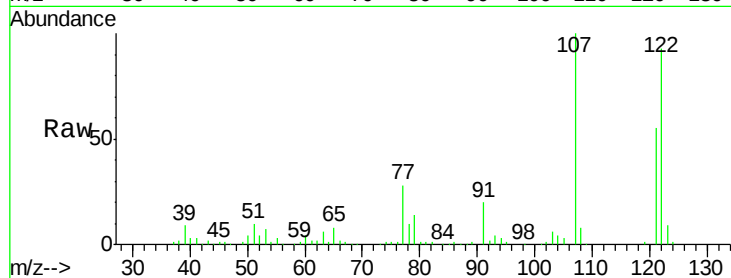
Tgt Ion:122 Resp: 231692

Ion Ratio Lower Upper

122 100

107 107.0 83.4 125.2

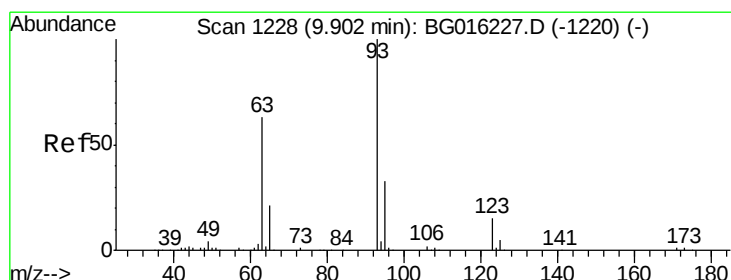
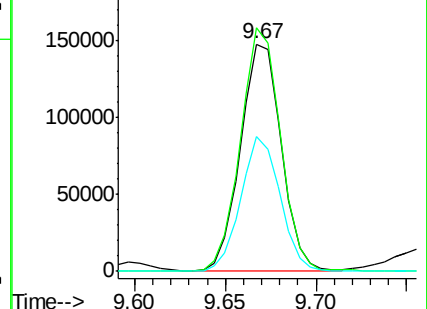
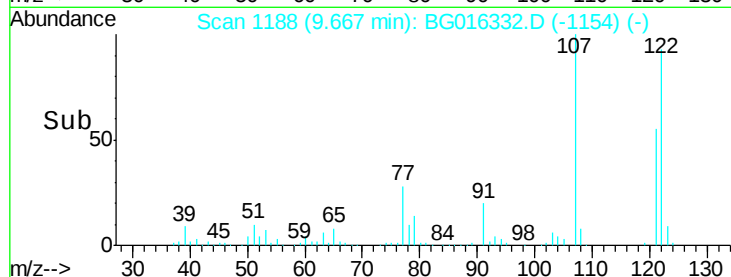
121 59.1 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.76 ng

RT: 9.90 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

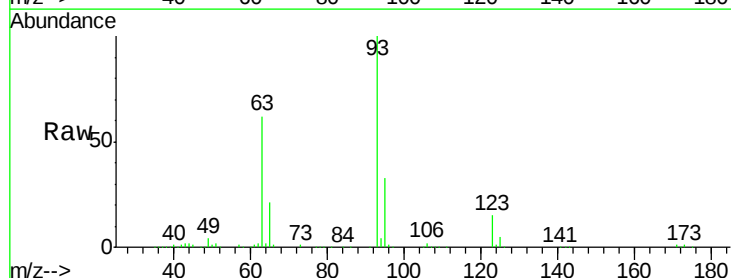
Tgt Ion: 93 Resp: 367181

Ion Ratio Lower Upper

93 100

95 32.6 26.1 39.1

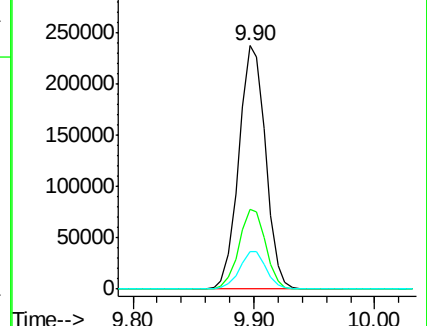
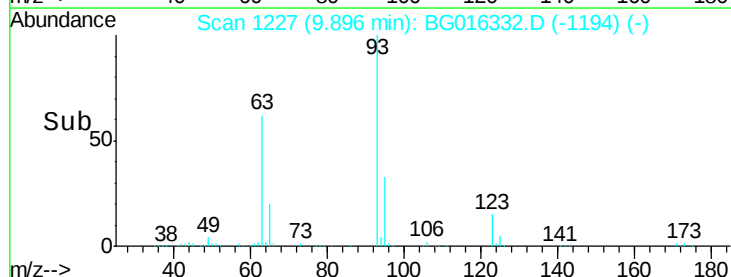
123 15.2 11.8 17.8

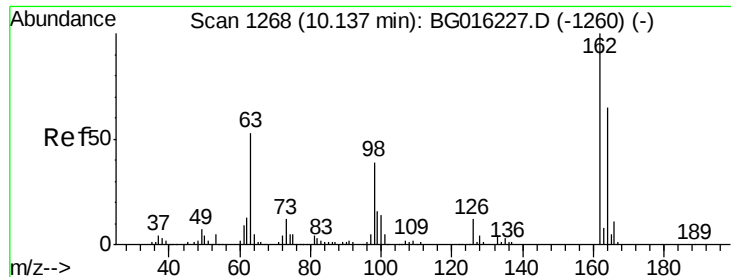


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

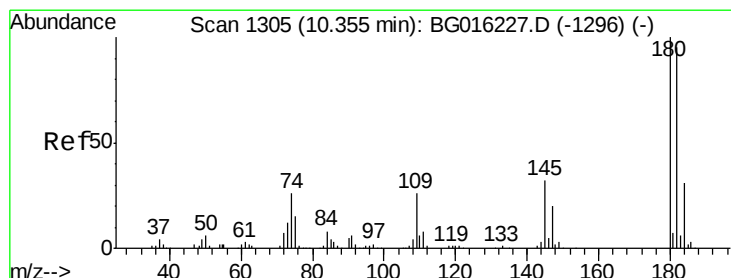
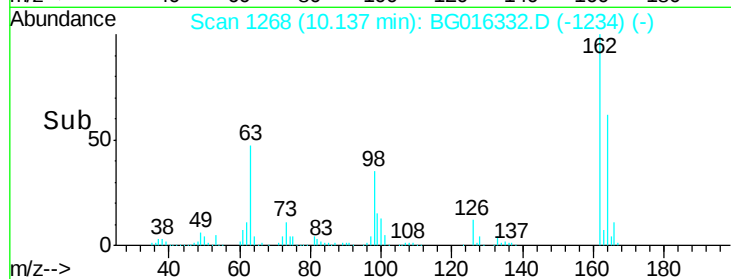
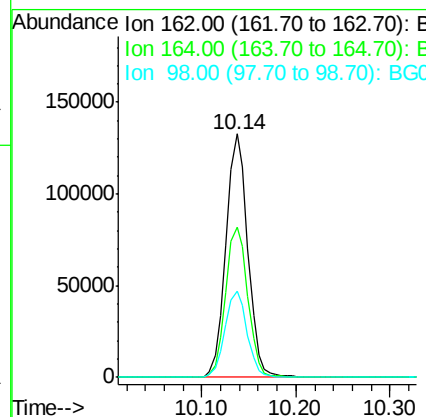
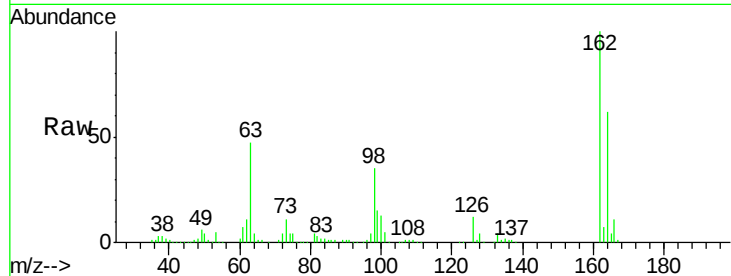




#29  
 2,4-Dichlorophenol  
 Concen: 41.26 ng  
 RT: 10.14 min Scan# 1268  
 Delta R.T. 0.00 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

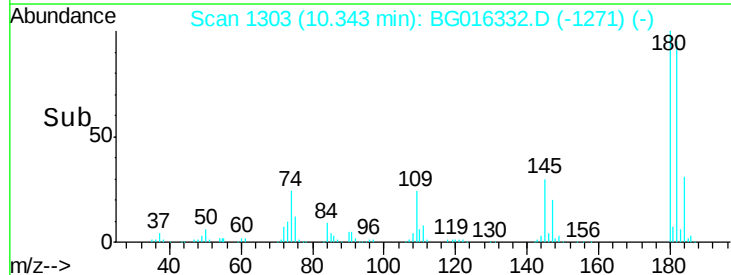
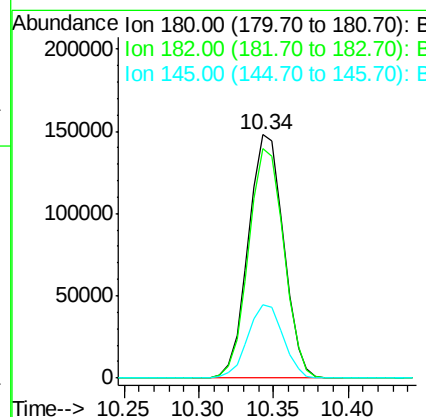
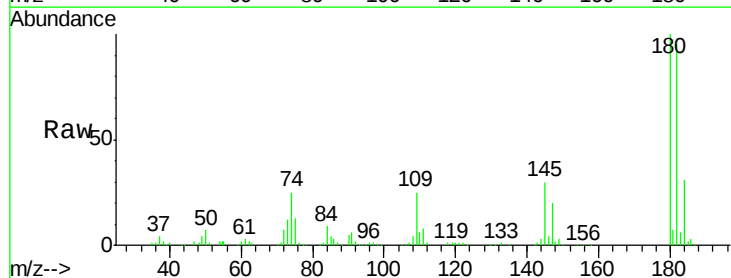
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

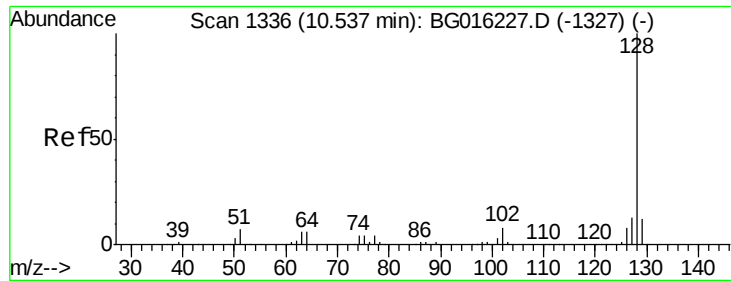
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 61.7  | 45.0  | 85.0  |
| 98      | 35.5  | 19.1  | 59.1  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 44.21 ng  
 RT: 10.34 min Scan# 1303  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.5  | 76.3  | 114.5 |
| 145     | 30.2  | 25.2  | 37.8  |

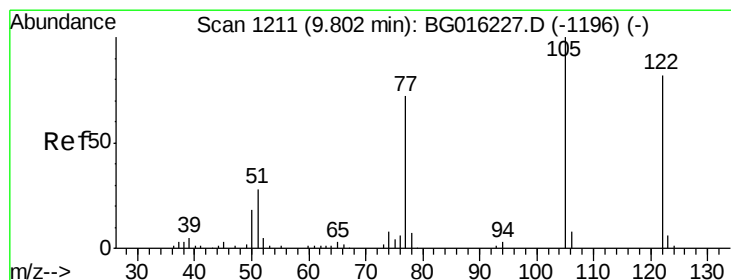
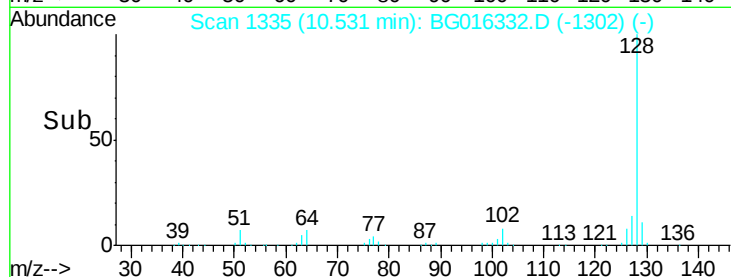
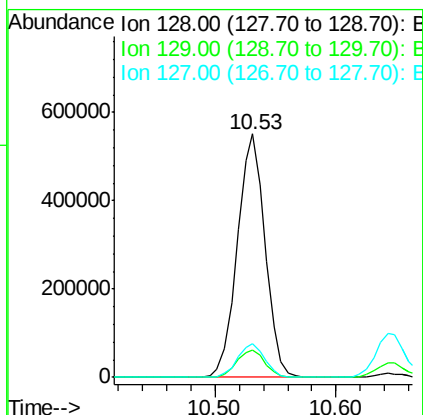
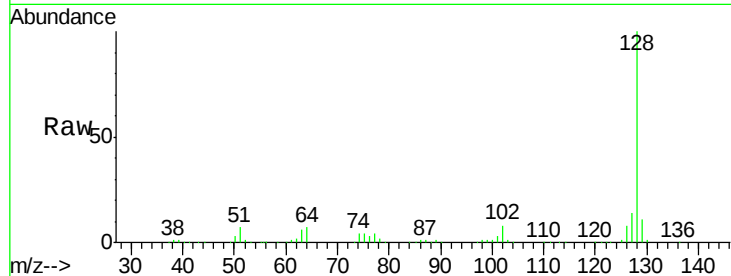




#31  
Naphthalene  
Concen: 41.06 ng  
RT: 10.53 min Scan# 1335  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

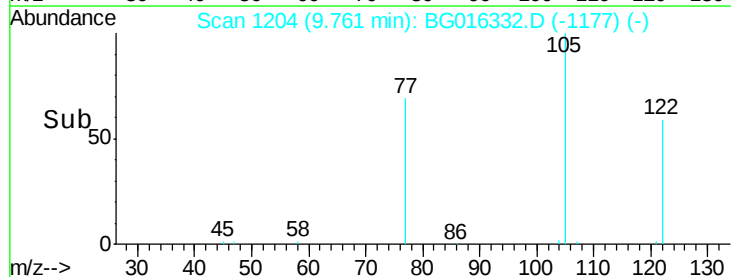
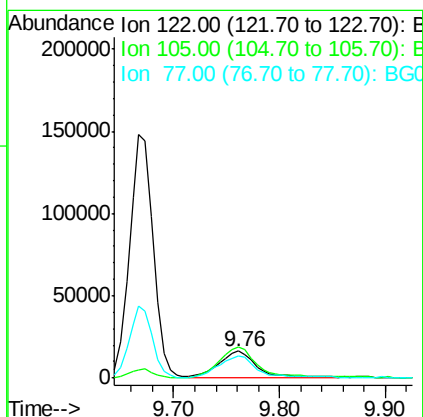
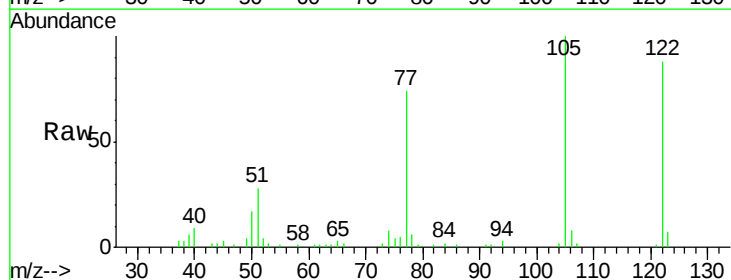
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

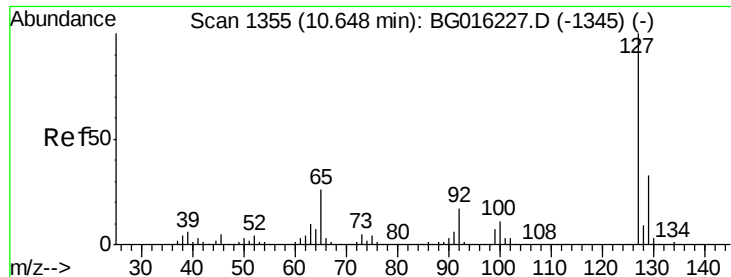
Tgt Ion:128 Resp: 880833  
Ion Ratio Lower Upper  
128 100  
129 11.4 9.2 13.8  
127 13.8 10.6 16.0



#32  
Benzoic acid  
Concen: 16.09 ng  
RT: 9.76 min Scan# 1204  
Delta R.T. -0.04 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:122 Resp: 38709  
Ion Ratio Lower Upper  
122 100  
105 114.2 99.7 139.7  
77 84.0 66.8 106.8

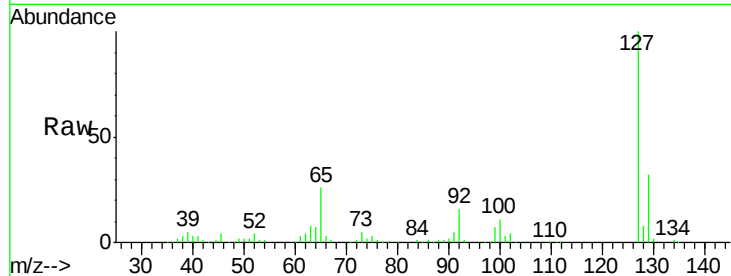




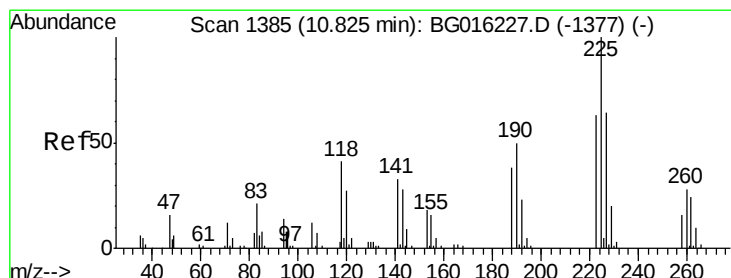
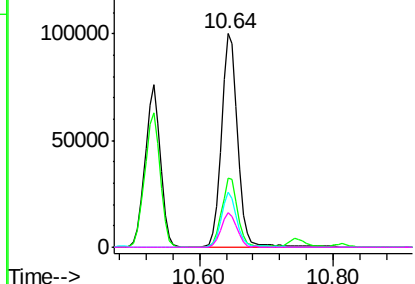
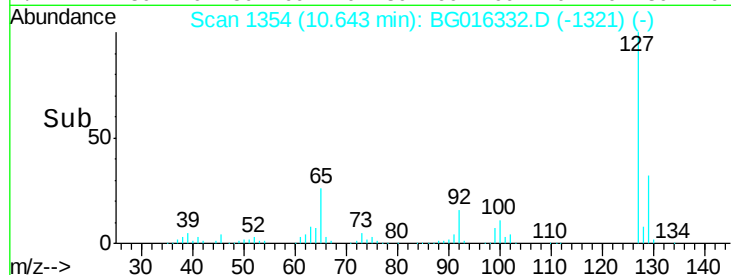
#33  
4-Chloroaniline  
Concen: 17.21 ng  
RT: 10.64 min Scan# 1354  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 173226 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 26.1  | 39.1   |
| 65       | 25.6  | 21.2  | 31.8   |
| 92       | 16.3  | 13.8  | 20.6   |

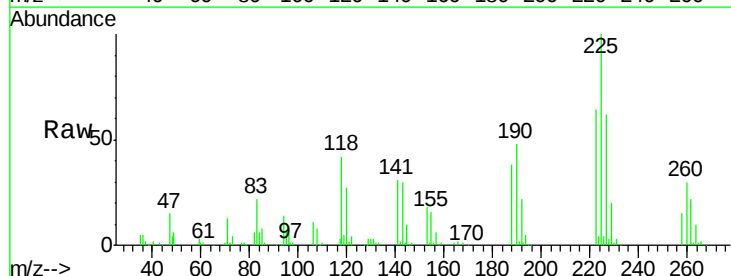


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

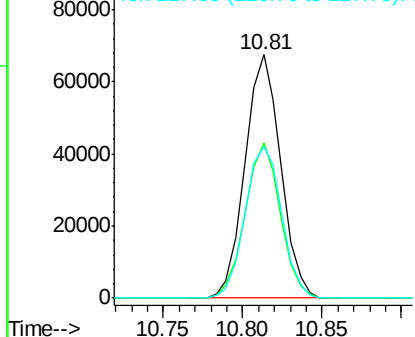
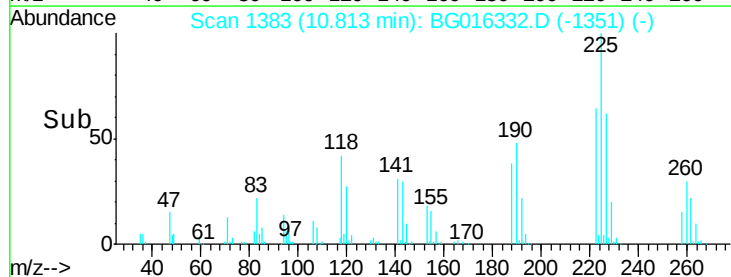


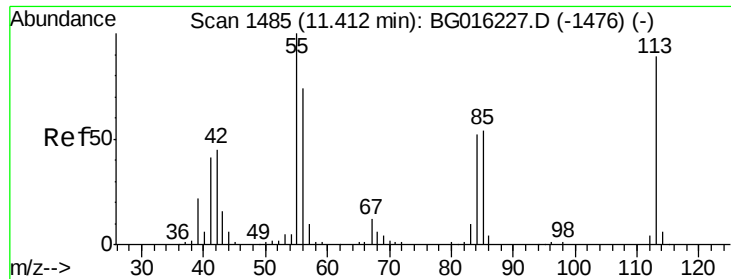
#34  
Hexachlorobutadiene  
Concen: 43.89 ng  
RT: 10.81 min Scan# 1383  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 105120 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 50.4  | 75.6   |
| 227      | 62.0  | 51.2  | 76.8   |



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: 4.63 ng

RT: 11.42 min Scan# 1486

Delta R.T. 0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

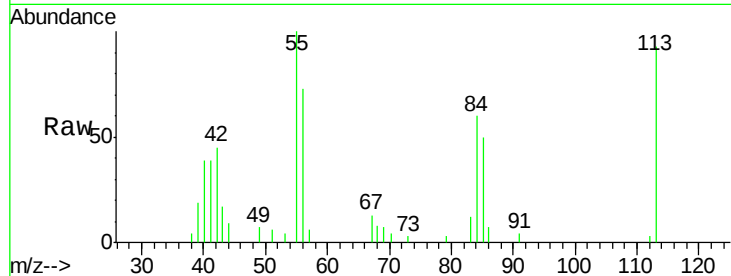
Tgt Ion:113 Resp: 15240

Ion Ratio Lower Upper

113 100

55 108.0 92.4 132.4

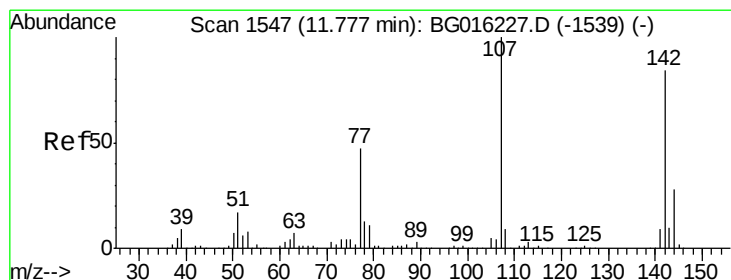
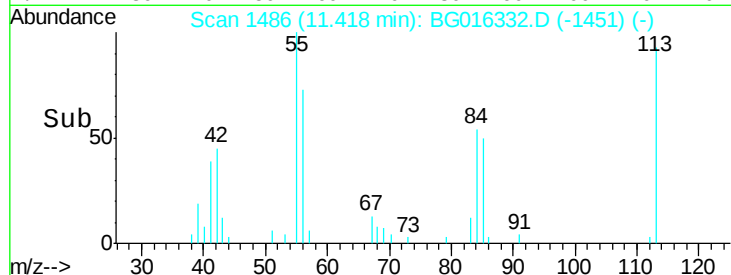
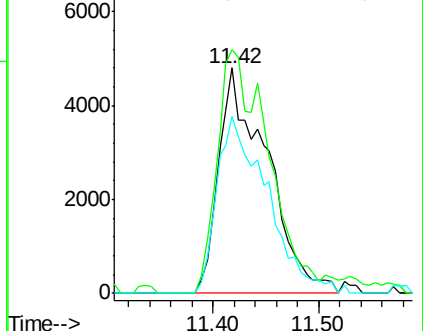
56 78.7 63.2 103.2



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: 34.43 ng

RT: 11.78 min Scan# 1548

Delta R.T. 0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

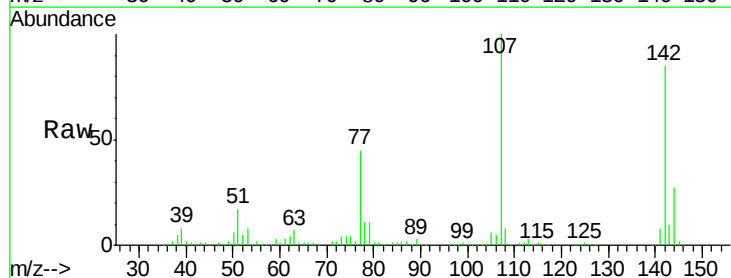
Tgt Ion:107 Resp: 237571

Ion Ratio Lower Upper

107 100

144 27.5 22.0 33.0

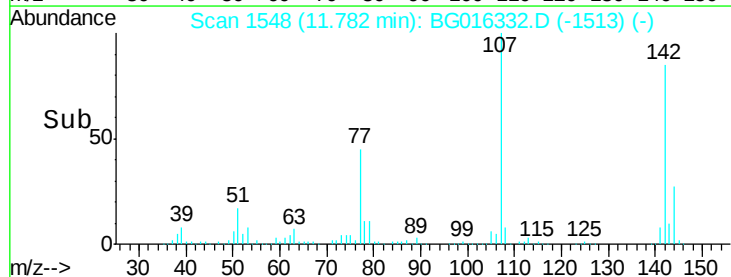
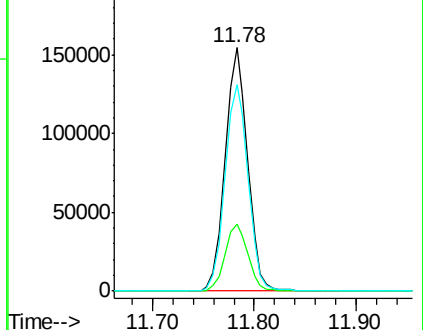
142 84.7 67.0 100.6

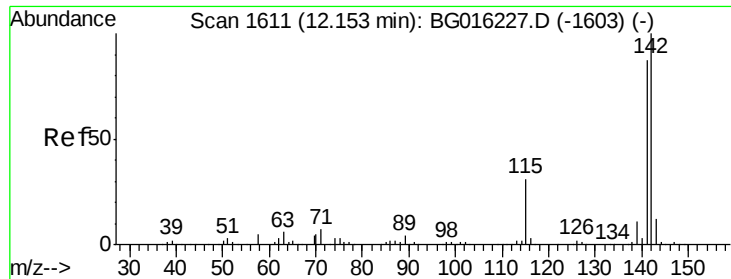


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

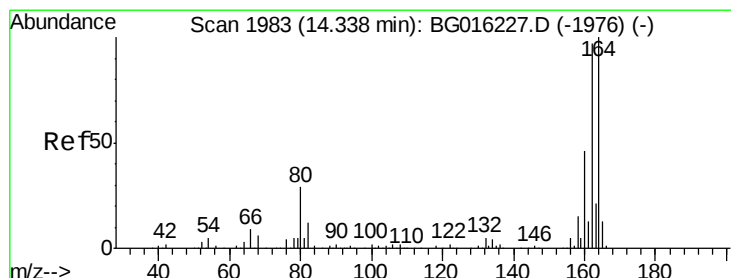
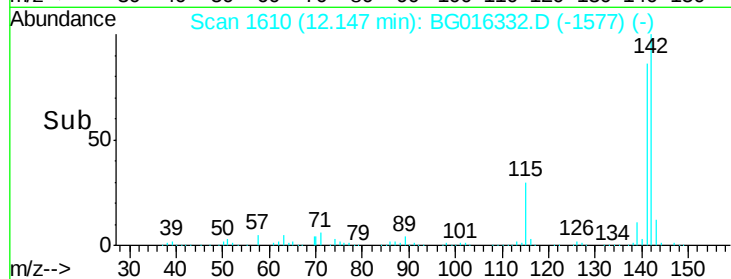
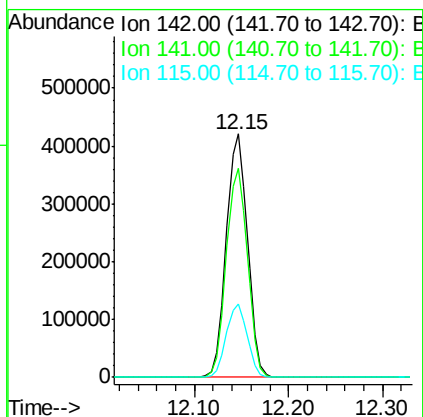
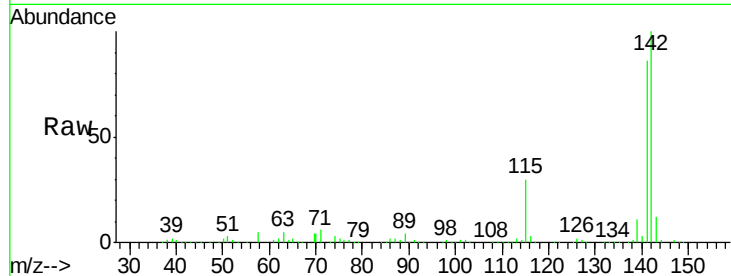




#37  
2-Methylnaphthalene  
Concen: 42.86 ng  
RT: 12.15 min Scan# 1610  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

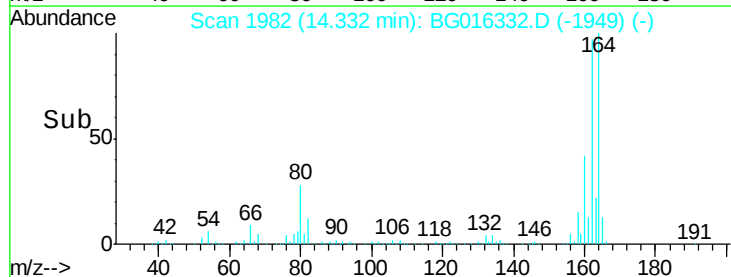
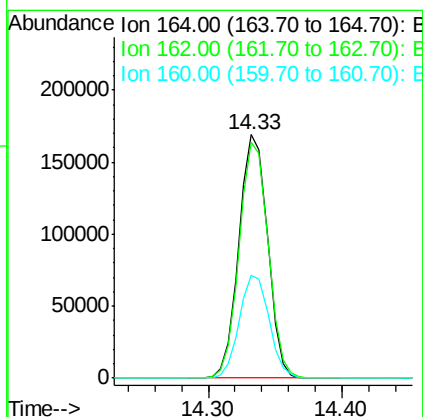
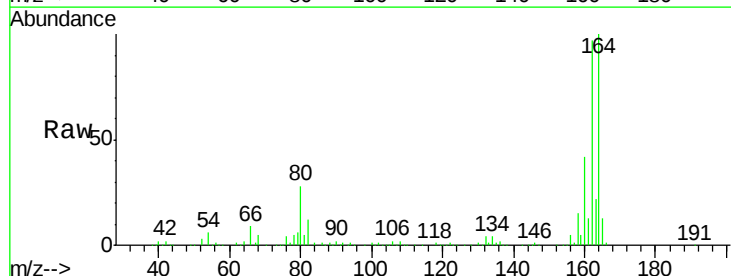
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

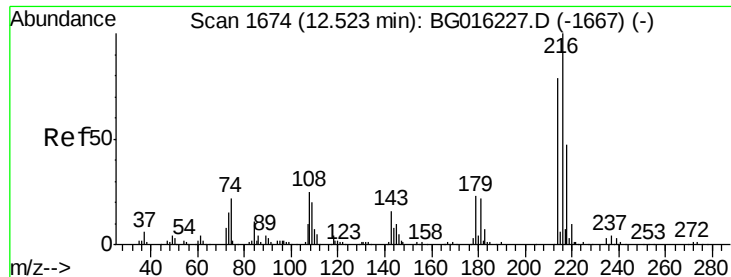
Tgt Ion:142 Resp: 661395  
Ion Ratio Lower Upper  
142 100  
141 85.8 69.3 103.9  
115 30.0 25.0 37.6



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.33 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:164 Resp: 250601  
Ion Ratio Lower Upper  
164 100  
162 97.1 77.3 115.9  
160 42.4 36.7 55.1





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.33 ng

RT: 12.52 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

Tgt Ion:216 Resp: 228023

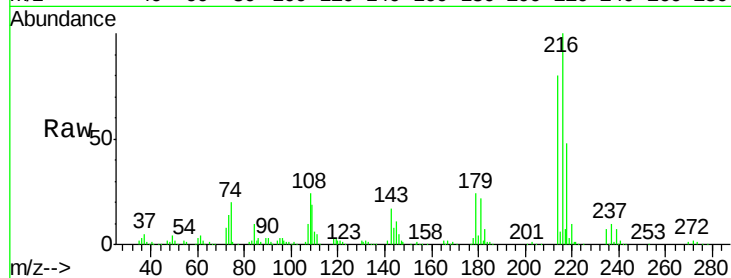
Ion Ratio Lower Upper

216 100

214 79.9 63.4 95.0

179 23.1 18.2 27.2

108 27.3 21.2 31.8

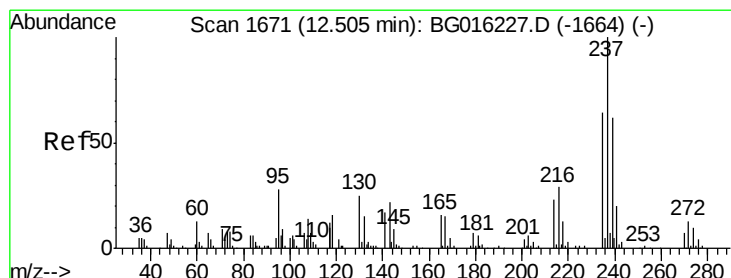
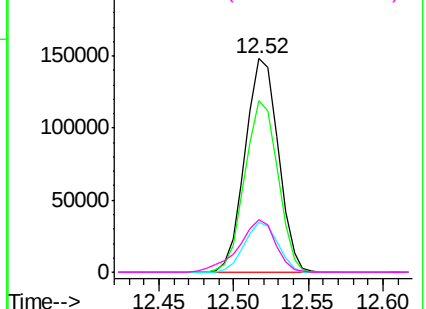
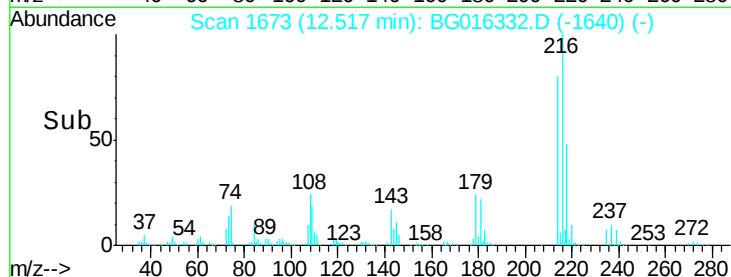


Abundance Ion 216.00 (215.70 to 216.70): E

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: 86.57 ng

RT: 12.50 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

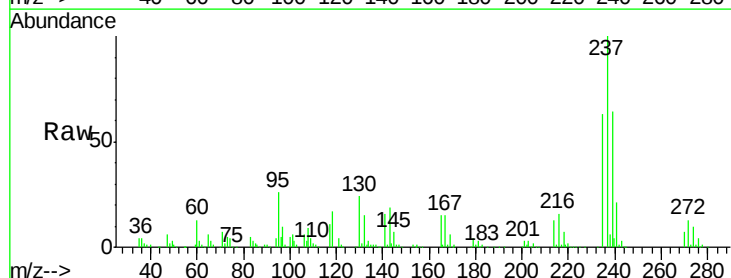
Tgt Ion:237 Resp: 218631

Ion Ratio Lower Upper

237 100

235 63.2 43.9 83.9

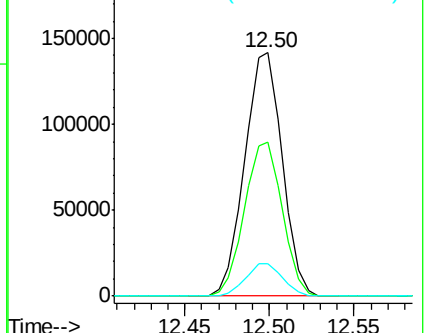
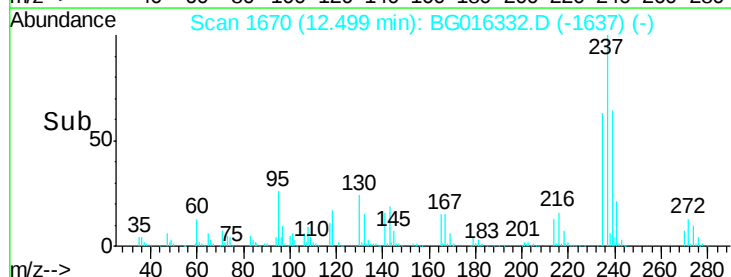
272 13.2 0.0 33.1

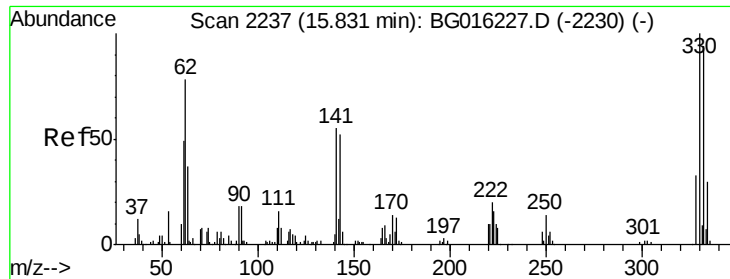


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

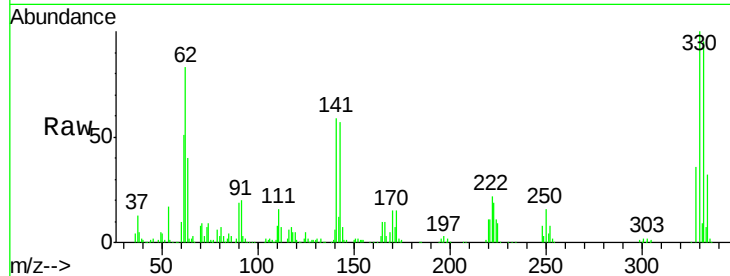




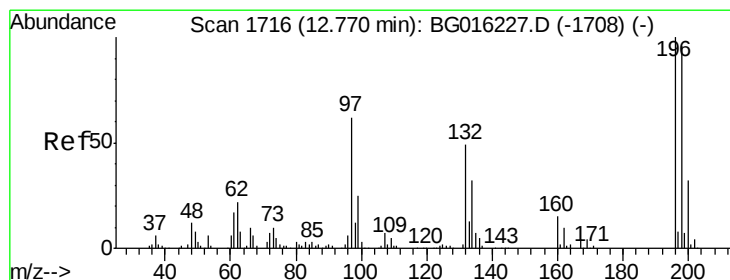
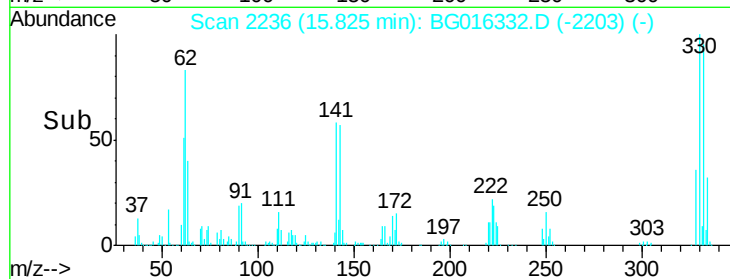
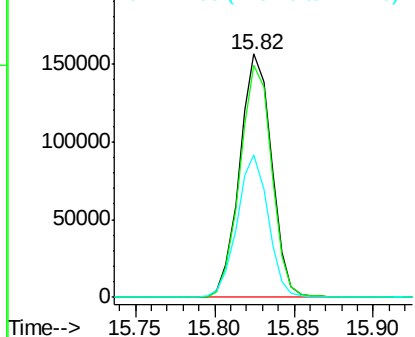
#41  
 2,4,6-Tribromophenol  
 Concen: 128.77 ng  
 RT: 15.82 min Scan# 2236  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 95.5  | 75.8  | 113.6 |
| 141     | 57.0  | 46.6  | 69.8  |

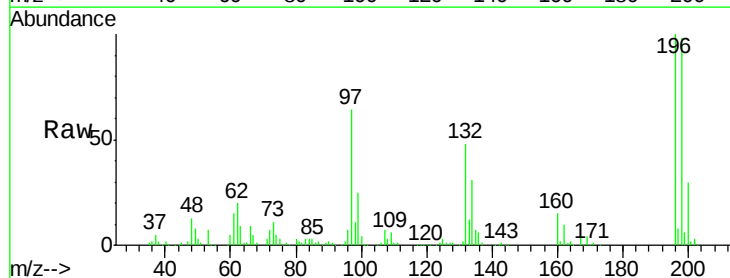


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

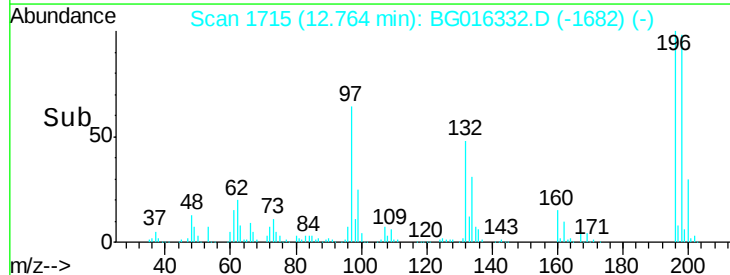
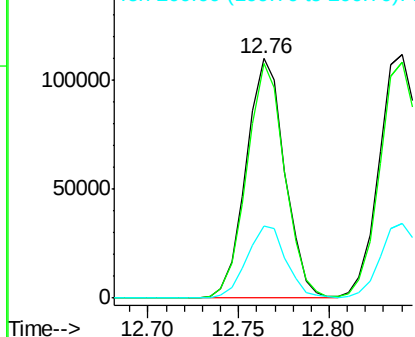


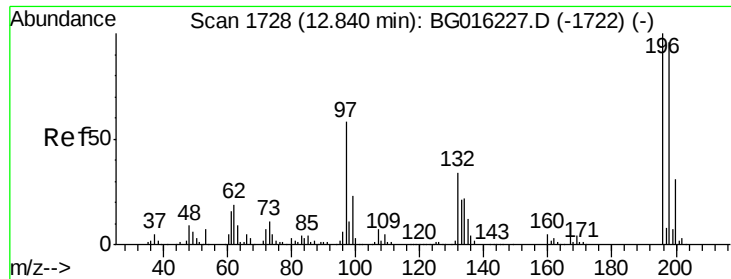
#42  
 2,4,6-Trichlorophenol  
 Concen: 39.67 ng  
 RT: 12.76 min Scan# 1715  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 98.0  | 77.2  | 115.8 |
| 200     | 30.4  | 25.3  | 37.9  |



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

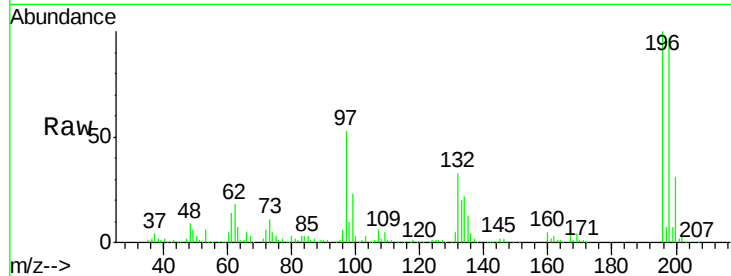




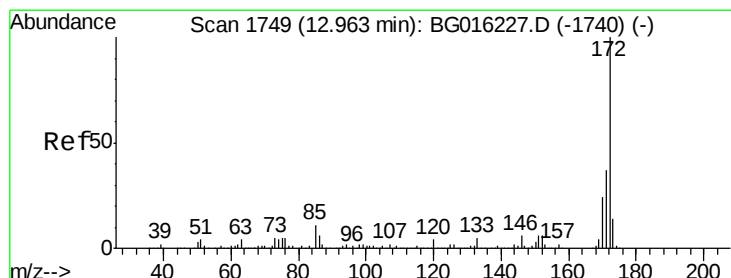
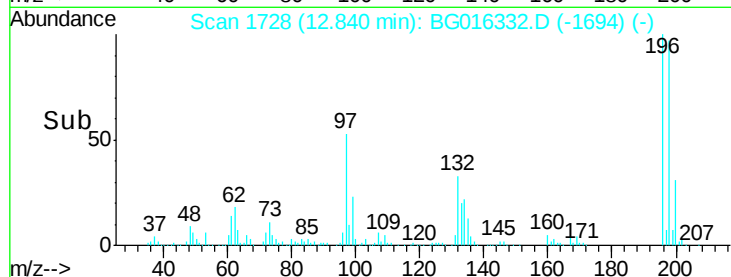
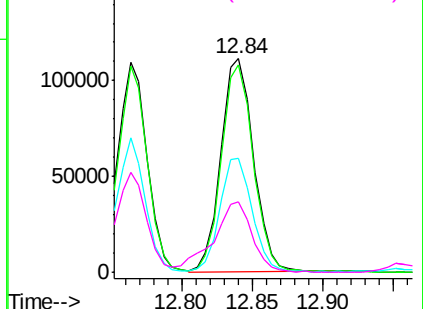
#43  
 2,4,5-Trichlorophenol  
 Concen: 40.87 ng  
 RT: 12.84 min Scan# 1728  
 Delta R.T. 0.00 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Tgt Ion:196 Resp: 179046  
 Ion Ratio Lower Upper  
 196 100  
 198 97.1 77.1 115.7  
 97 53.3 46.6 69.8  
 132 32.9 27.0 40.6

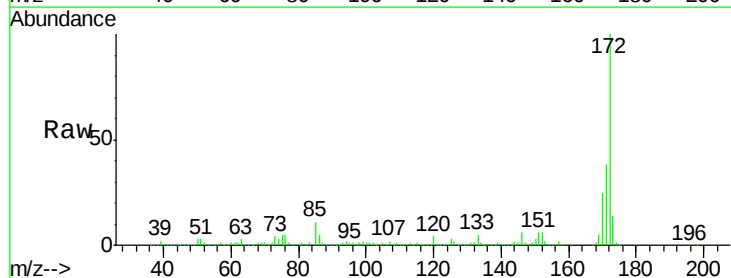


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BGC  
 Ion 132.00 (131.70 to 132.70): E

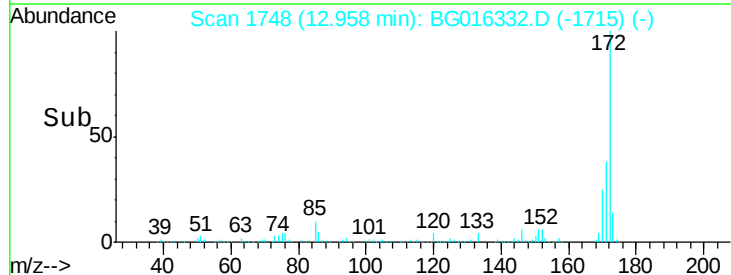
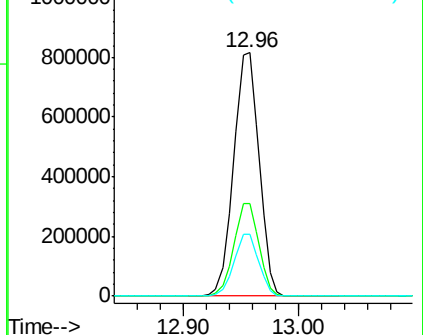


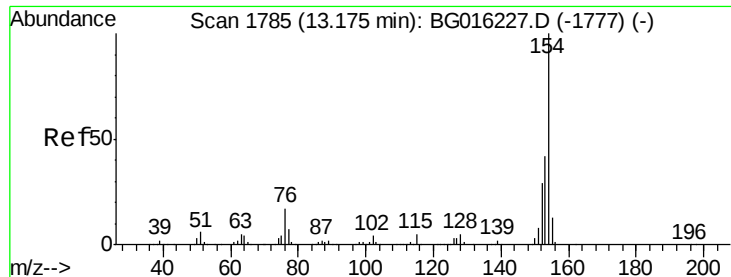
#44  
 2-Fluorobiphenyl  
 Concen: 84.39 ng  
 RT: 12.96 min Scan# 1748  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:172 Resp: 1242164  
 Ion Ratio Lower Upper  
 172 100  
 171 38.2 29.6 44.4  
 170 25.4 19.4 29.2



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





#45

1,1'-Biphenyl

Concen: 41.70 ng

RT: 13.16 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

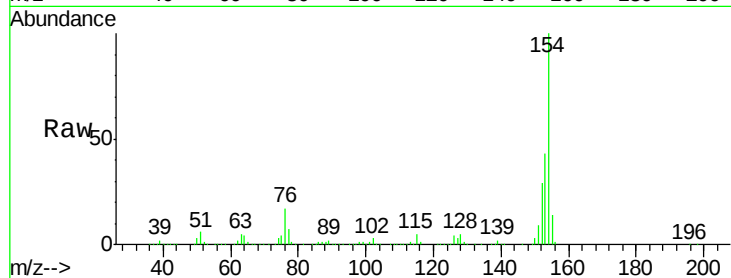
Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

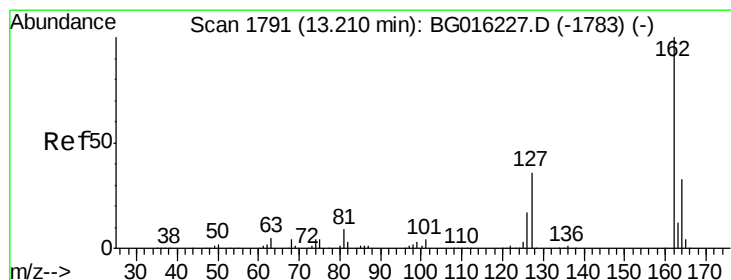
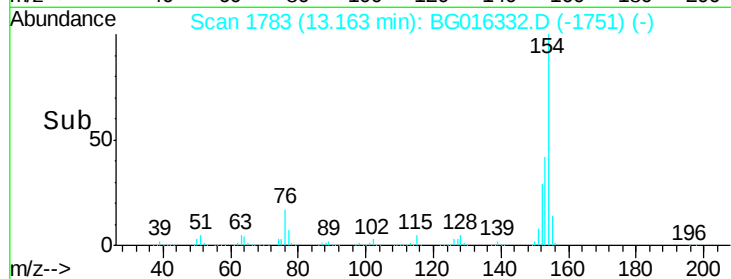
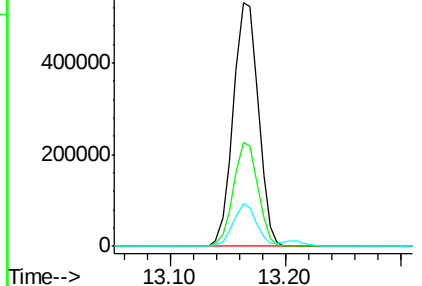
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 801697 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.6  | 22.4  | 62.4   |
| 76       | 17.5  | 0.0   | 37.1   |



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BGC



#46

2-Chloronaphthalene

Concen: 41.20 ng

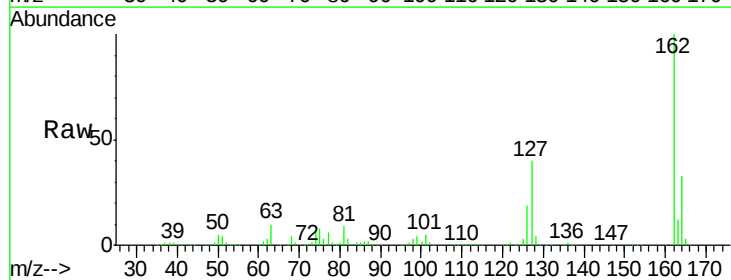
RT: 13.20 min Scan# 1790

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

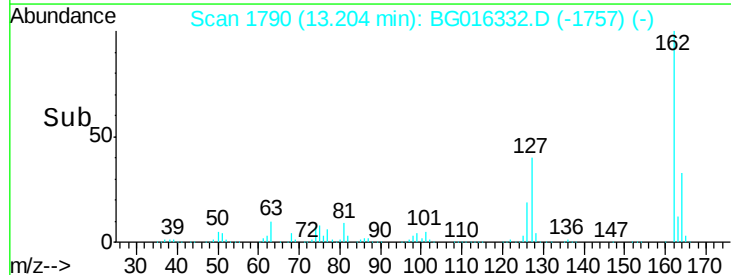
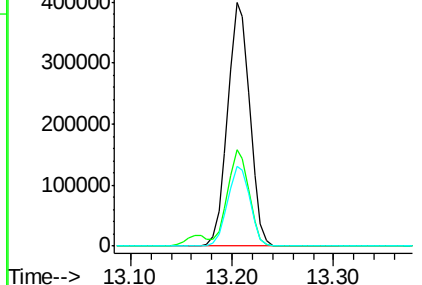
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 603370 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 127      | 39.7  | 30.8  | 46.2   |
| 164      | 33.0  | 26.6  | 40.0   |

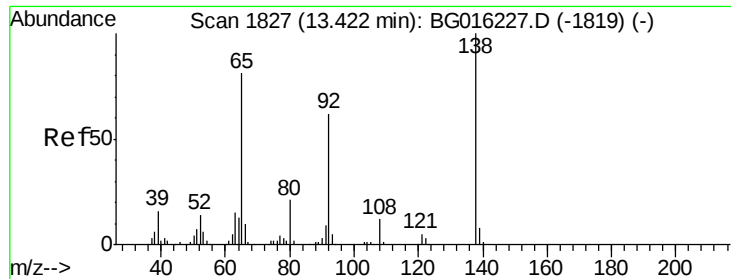


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.79 ng

RT: 13.42 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

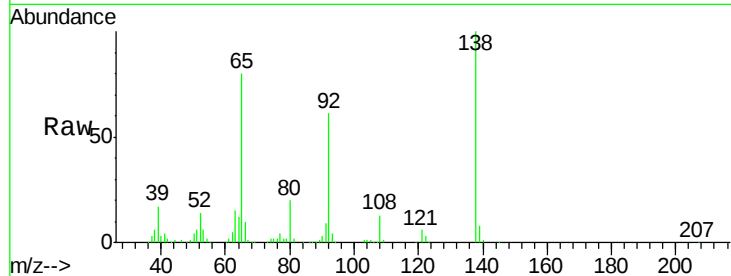
Tgt Ion: 65 Resp: 192556

Ion Ratio Lower Upper

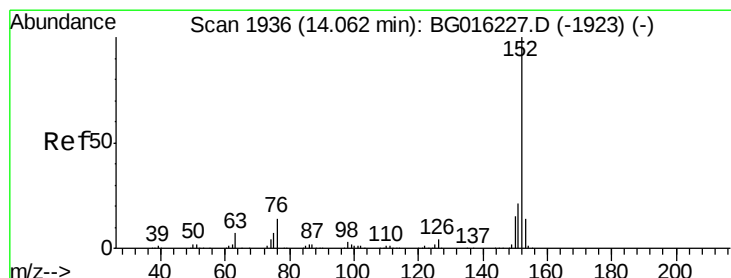
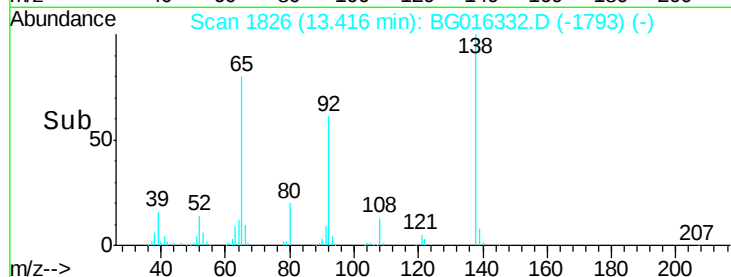
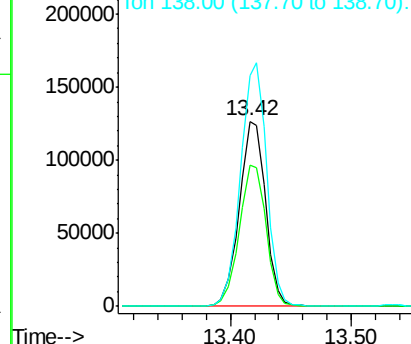
65 100

92 76.5 61.0 91.6

138 124.9 98.7 148.1



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



#48

Acenaphthylene

Concen: 40.03 ng

RT: 14.06 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

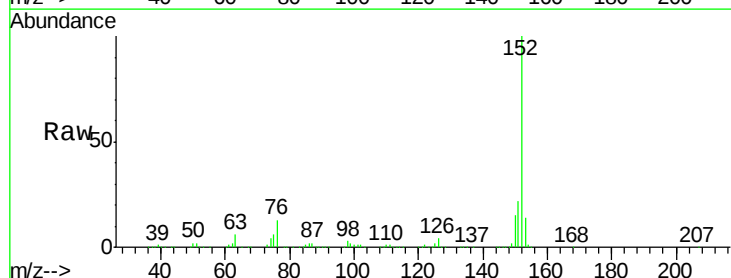
Tgt Ion: 152 Resp: 1042413

Ion Ratio Lower Upper

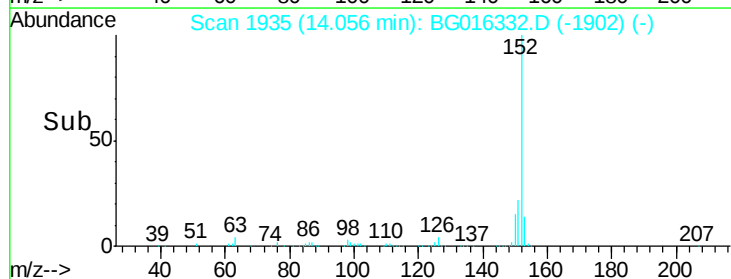
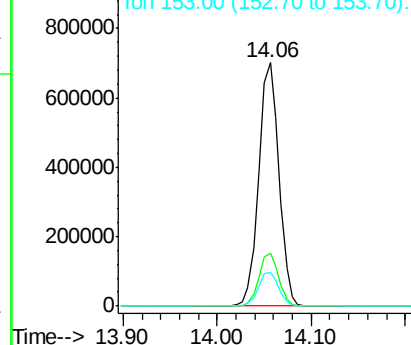
152 100

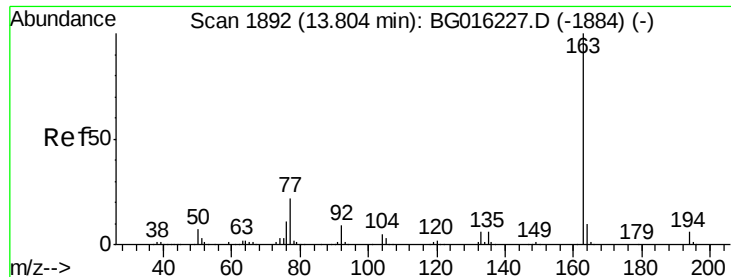
151 21.9 16.5 24.7

153 13.9 11.1 16.7



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

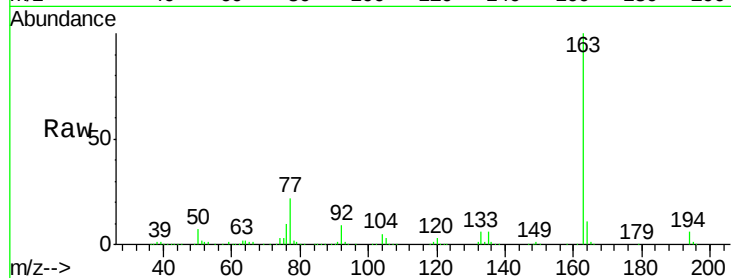




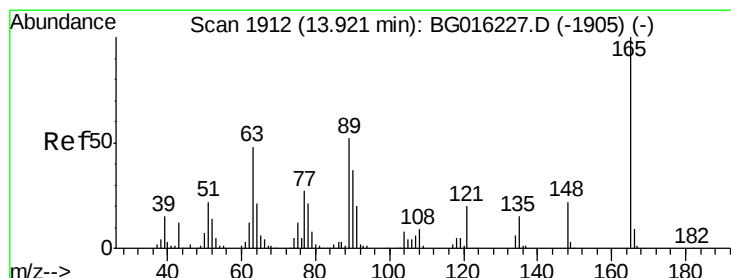
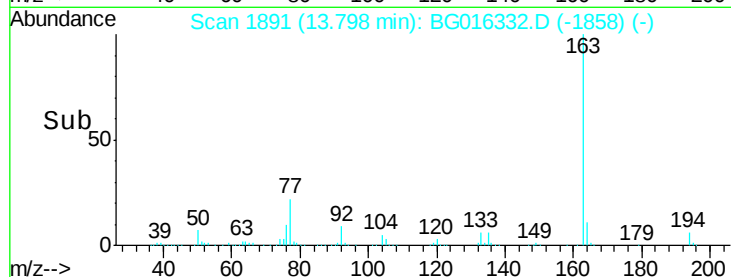
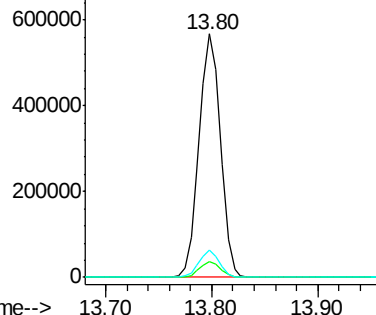
#49  
Dimethylphthalate  
Concen: 43.13 ng  
RT: 13.80 min Scan# 1891  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

Tgt Ion:163 Resp: 792152  
Ion Ratio Lower Upper  
163 100  
194 6.3 5.0 7.4  
164 11.1 8.2 12.4

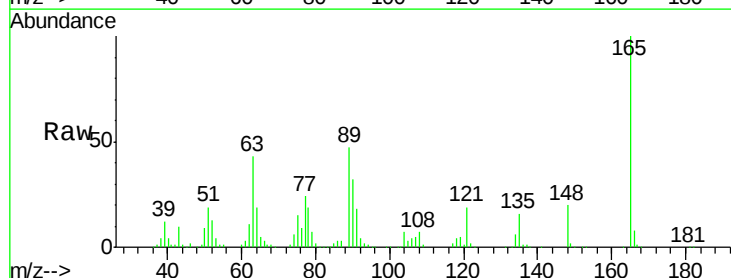


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

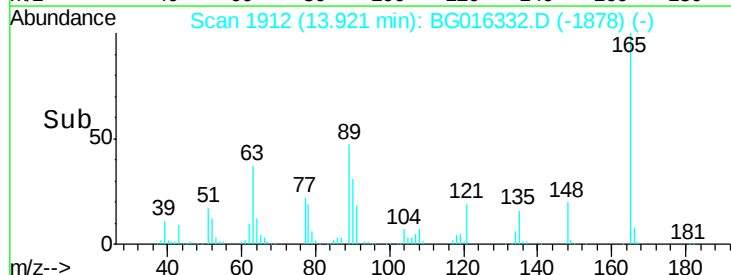
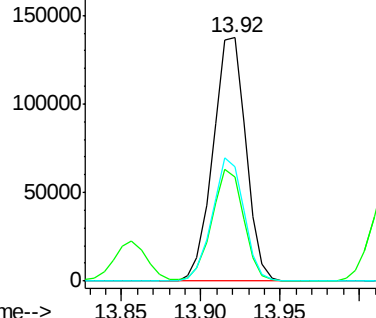


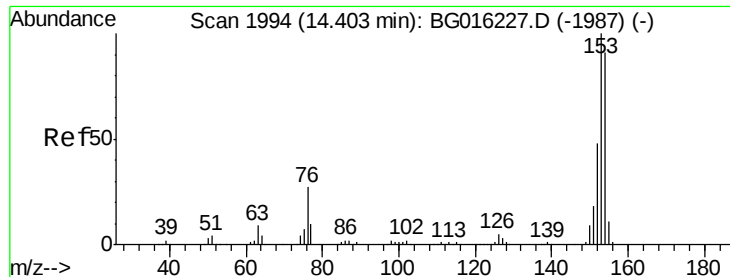
#50  
2,6-Dinitrotoluene  
Concen: 44.53 ng  
RT: 13.92 min Scan# 1912  
Delta R.T. 0.00 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:165 Resp: 197798  
Ion Ratio Lower Upper  
165 100  
63 42.7 39.3 58.9  
89 46.8 41.3 61.9



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





#51

Acenaphthene

Concen: 41.28 ng

RT: 14.40 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

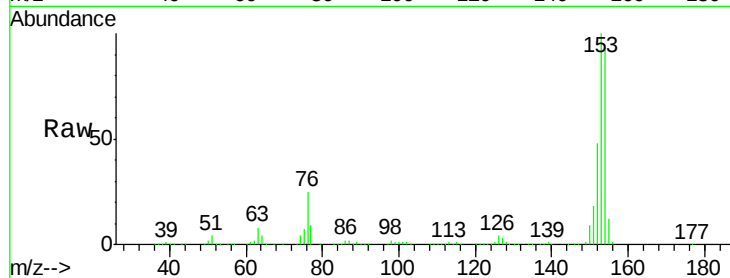
Tgt Ion:154 Resp: 642284

Ion Ratio Lower Upper

154 100

153 108.3 87.5 131.3

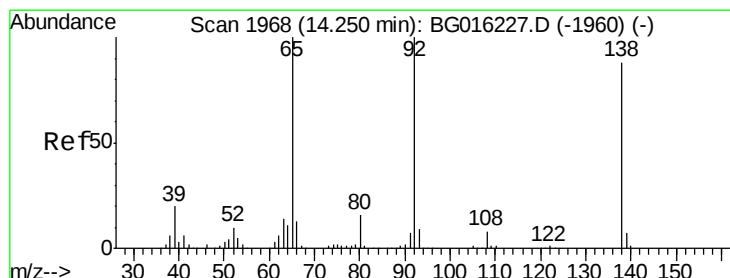
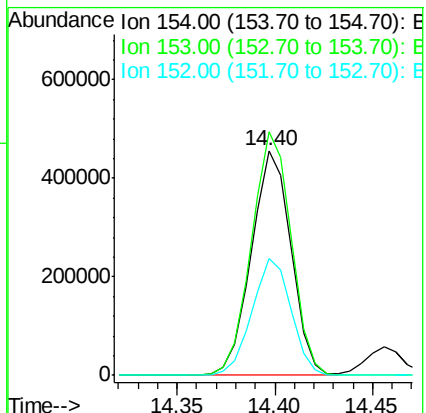
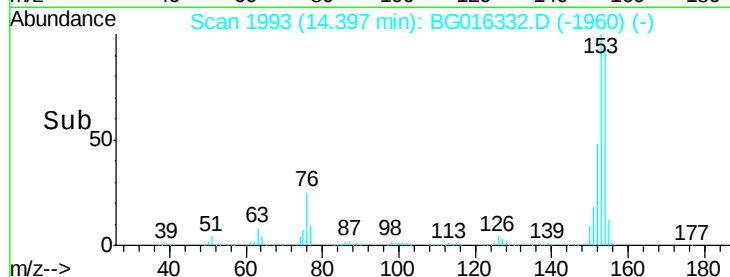
152 52.1 42.1 63.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 20.74 ng

RT: 14.25 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

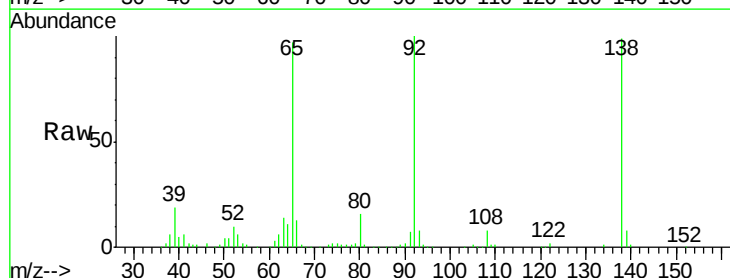
Tgt Ion:138 Resp: 117672

Ion Ratio Lower Upper

138 100

108 8.3 7.4 11.0

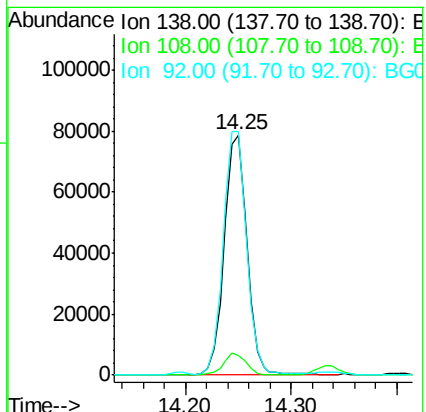
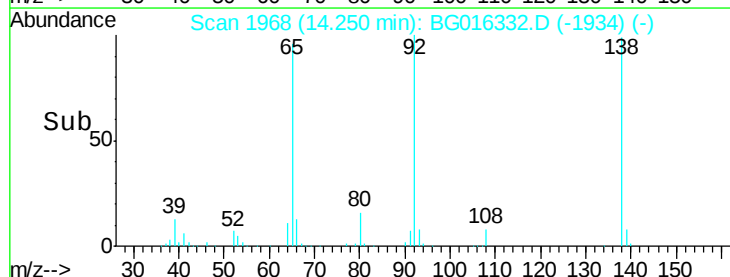
92 101.4 91.4 137.0

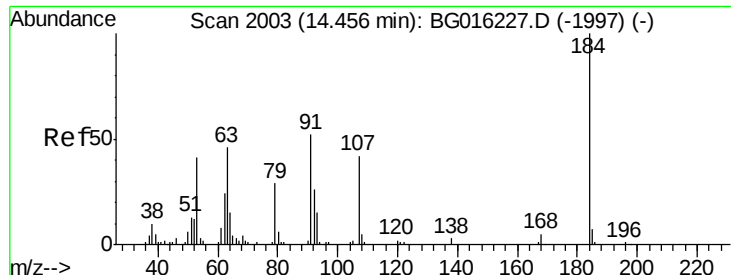


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BG

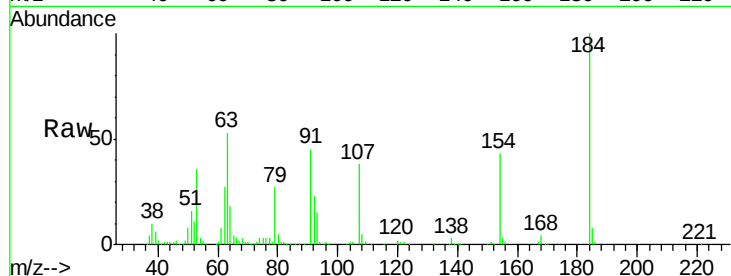




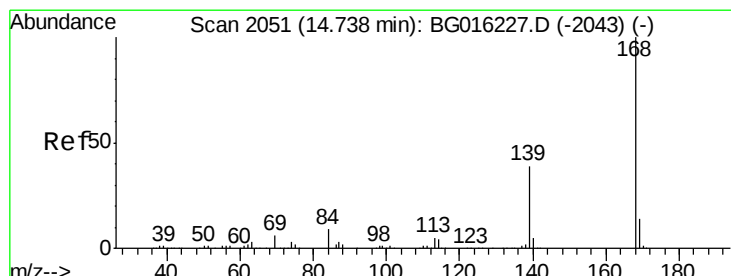
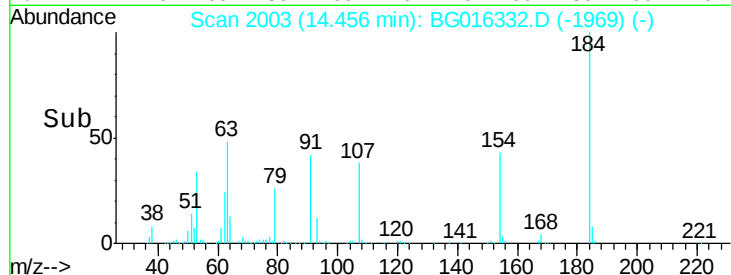
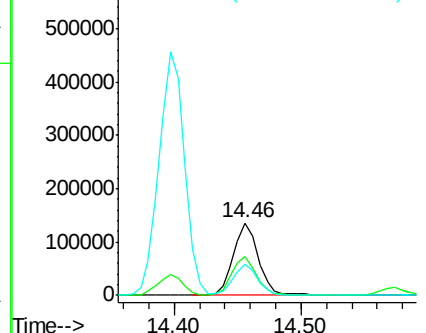
#53  
2,4-Dinitrophenol  
Concen: 73.12 ng  
RT: 14.46 min Scan# 2003  
Delta R.T. 0.00 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

Tgt Ion:184 Resp: 185942  
Ion Ratio Lower Upper  
184 100  
63 53.4 45.8 68.6  
154 42.9 34.5 51.7

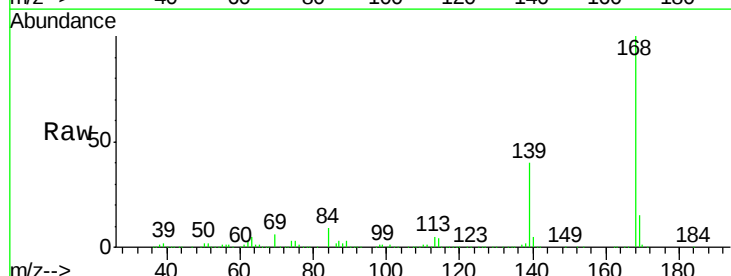


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

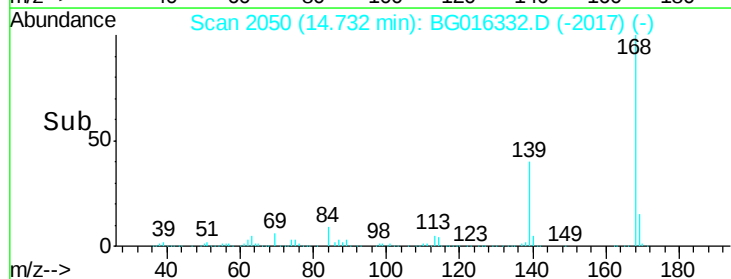
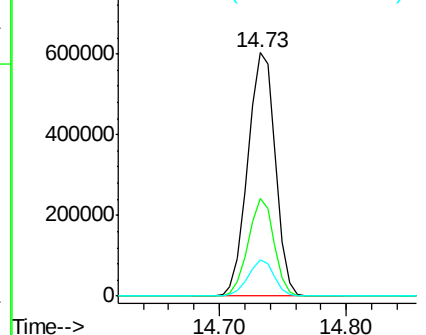


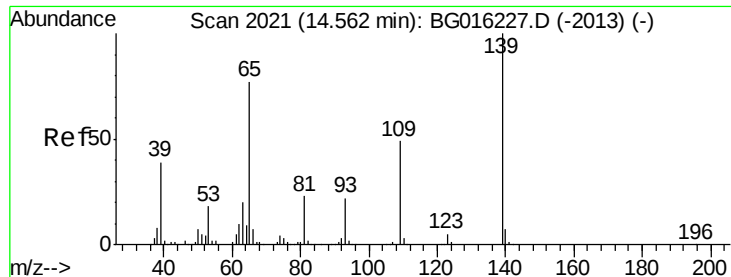
#54  
Dibenzofuran  
Concen: 42.13 ng  
RT: 14.73 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:168 Resp: 909754  
Ion Ratio Lower Upper  
168 100  
139 40.1 31.0 46.6  
169 14.8 11.2 16.8



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

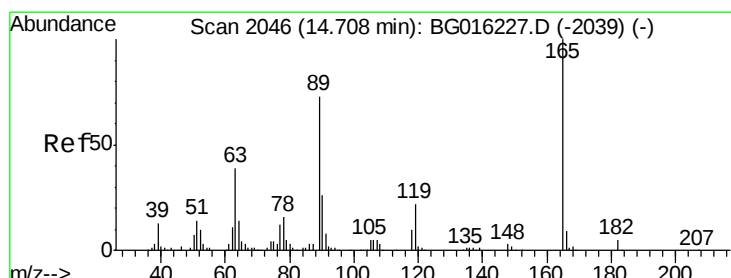
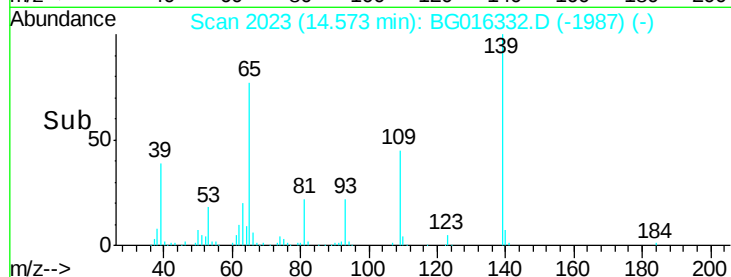
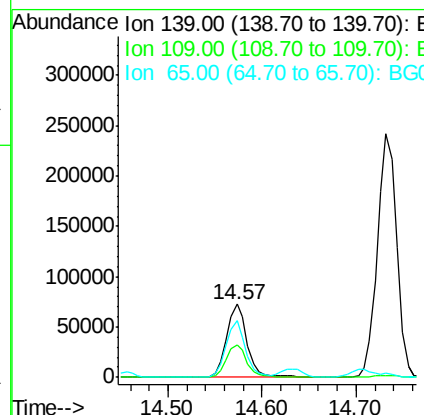
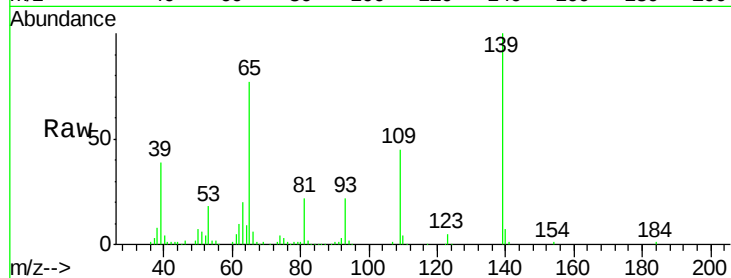




#55  
4-Nitrophenol  
Concen: 23.80 ng  
RT: 14.57 min Scan# 2023  
Delta R.T. 0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

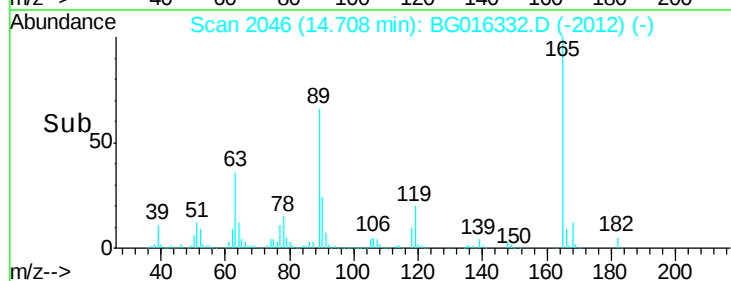
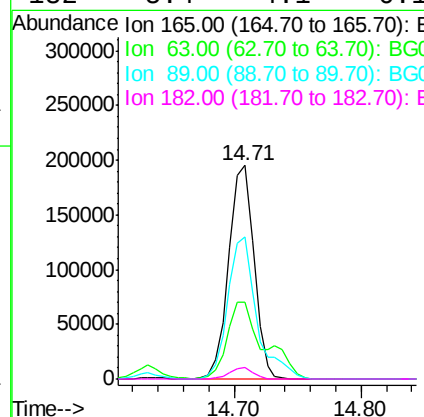
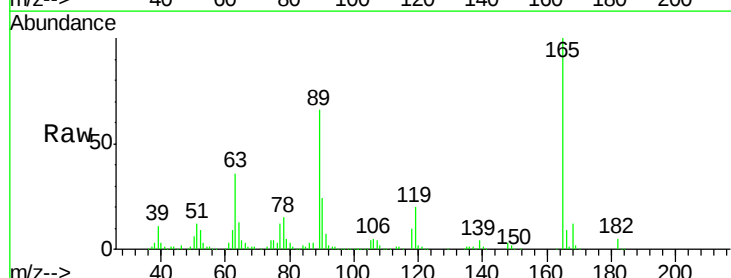
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

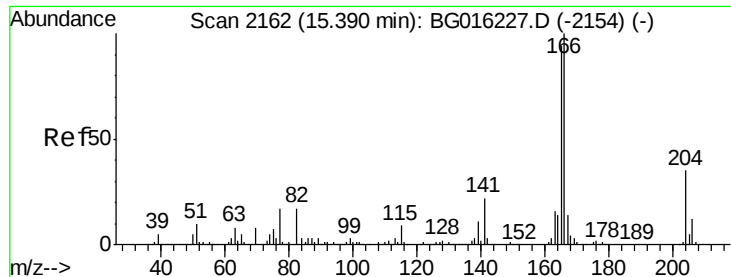
Tgt Ion:139 Resp: 111574  
Ion Ratio Lower Upper  
139 100  
109 44.7 28.5 68.5  
65 77.0 56.9 96.9



#56  
2,4-Dinitrotoluene  
Concen: 44.65 ng  
RT: 14.71 min Scan# 2046  
Delta R.T. 0.00 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:165 Resp: 270152  
Ion Ratio Lower Upper  
165 100  
63 36.3 31.4 47.2  
89 66.5 58.8 88.2  
182 5.4 4.1 6.1

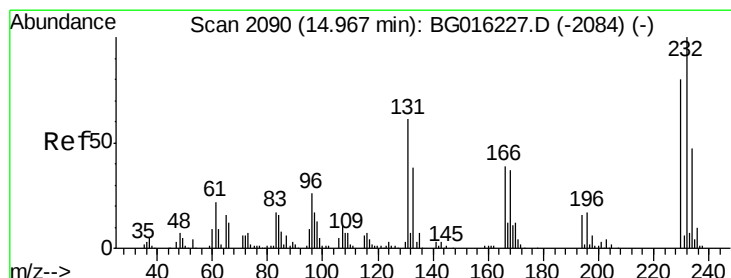
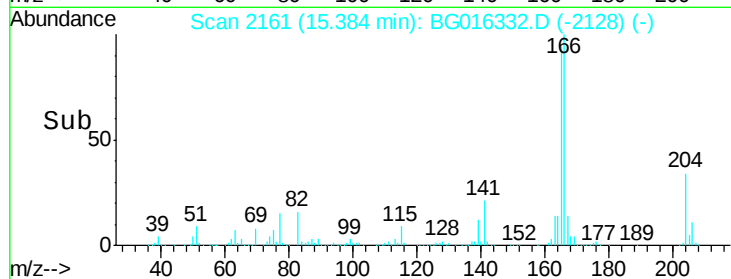
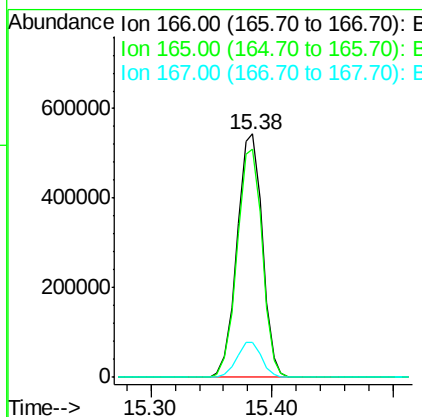
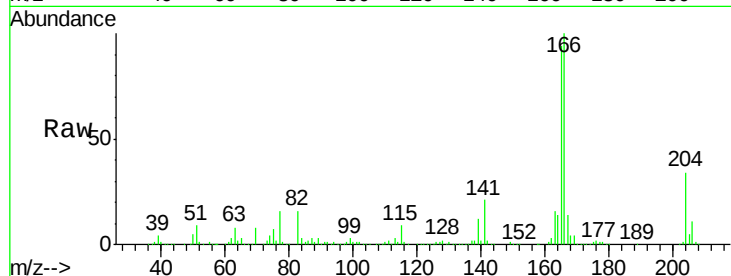




#57  
**Fluorene**  
 Concen: 41.59 ng  
 RT: 15.38 min Scan# 2161  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

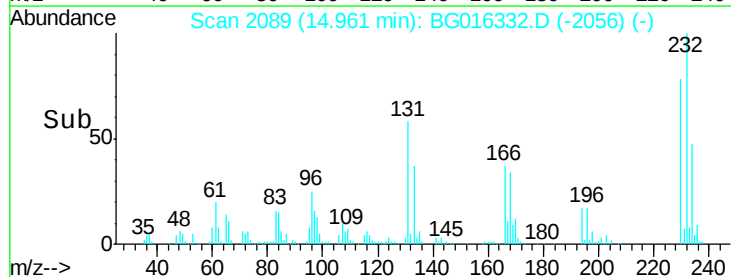
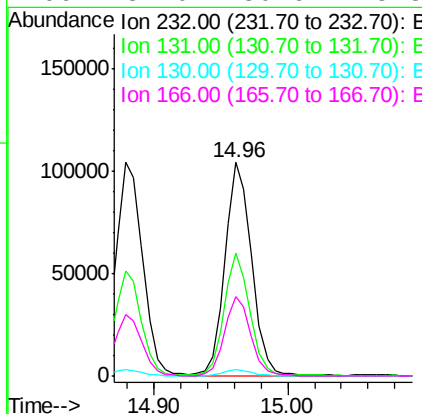
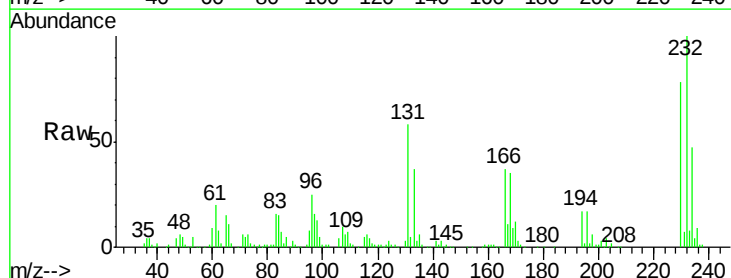
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

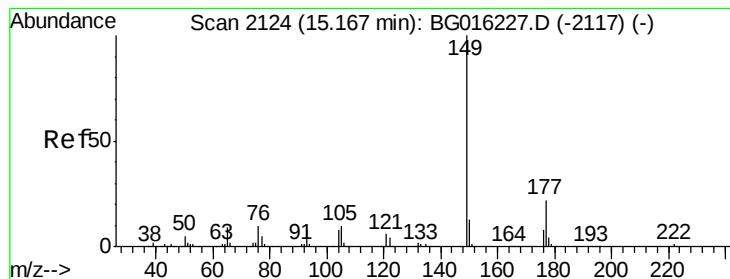
Tgt Ion:166 Resp: 792382  
 Ion Ratio Lower Upper  
 166 100  
 165 94.0 75.2 112.8  
 167 14.5 11.3 16.9



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 43.10 ng  
 RT: 14.96 min Scan# 2089  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:232 Resp: 145698  
 Ion Ratio Lower Upper  
 232 100  
 131 55.9 49.8 74.6  
 130 3.0 2.6 3.8  
 166 37.0 30.6 45.8





#59

Diethylphthalate

Concen: 42.05 ng

RT: 15.16 min Scan# 2123

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

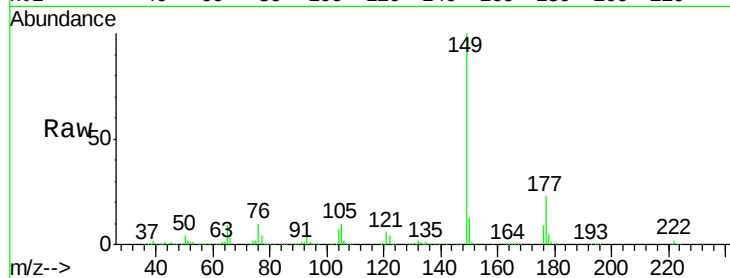
Tgt Ion:149 Resp: 822017

Ion Ratio Lower Upper

149 100

177 22.7 17.7 26.5

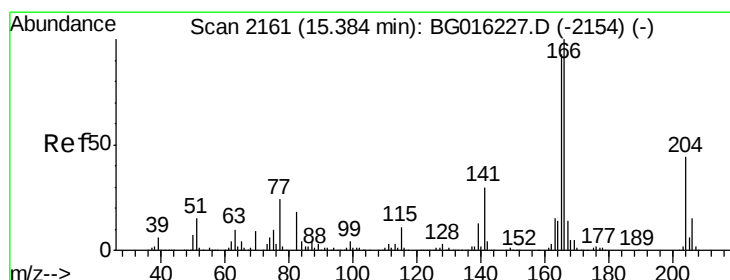
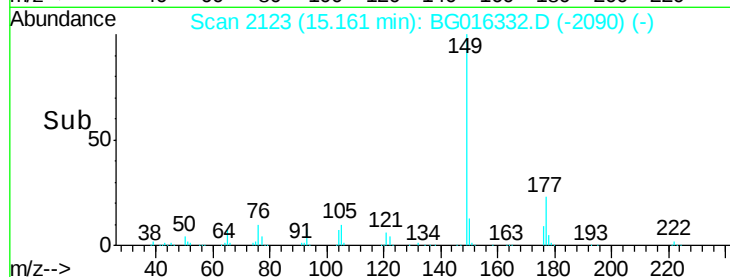
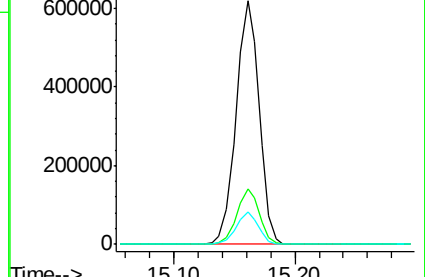
150 13.2 10.0 15.0



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: 42.68 ng

RT: 15.38 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

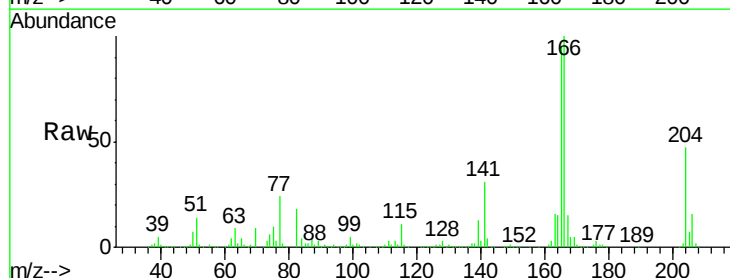
Tgt Ion:204 Resp: 332612

Ion Ratio Lower Upper

204 100

206 33.4 27.6 41.4

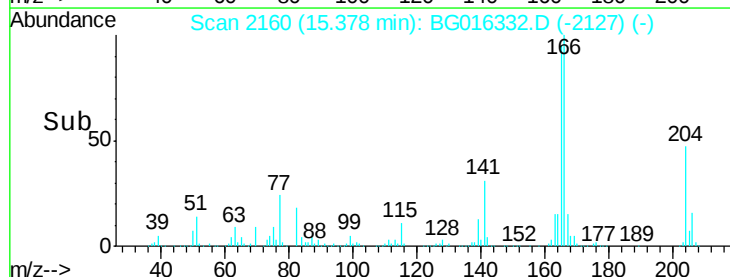
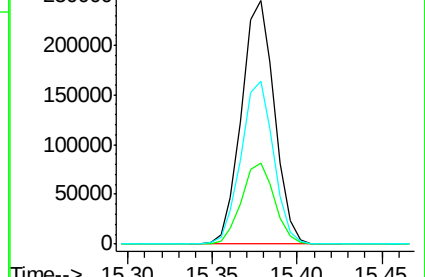
141 66.8 55.4 83.2

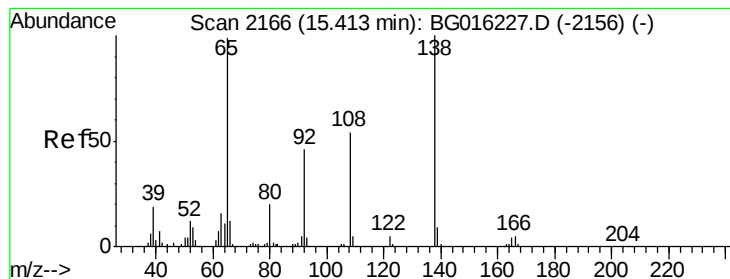


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 33.22 ng

RT: 15.41 min Scan# 2166

Delta R.T. 0.00 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

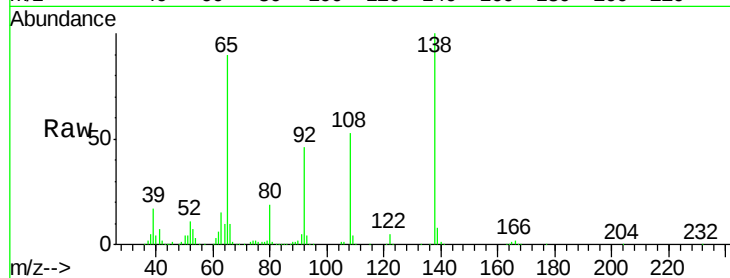
Tgt Ion: 138 Resp: 213913

Ion Ratio Lower Upper

138 100

92 45.6 26.3 66.3

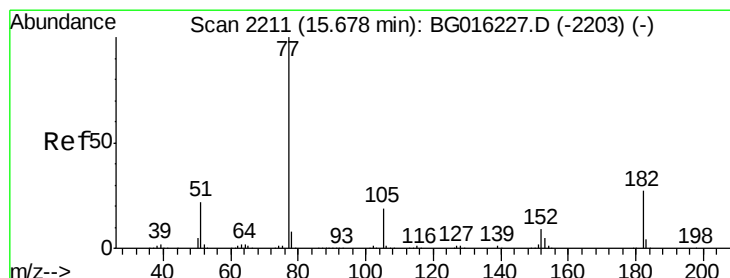
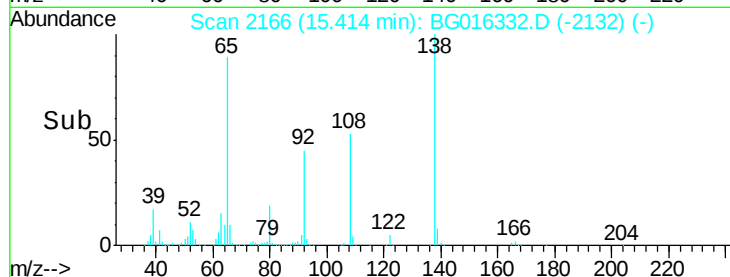
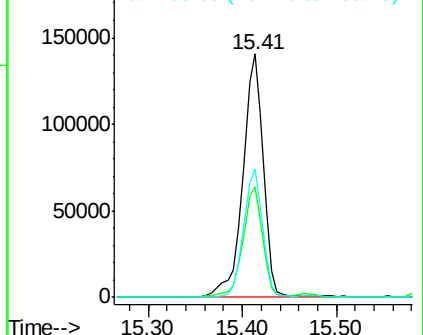
108 52.6 33.6 73.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 41.21 ng

RT: 15.67 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Tgt Ion: 77 Resp: 857535

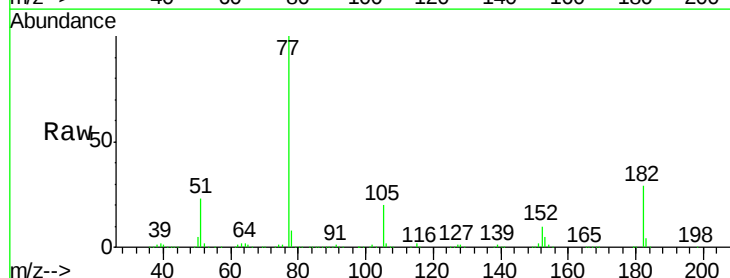
Ion Ratio Lower Upper

77 100

182 28.7 6.6 46.6

105 20.1 0.0 39.2

51 23.3 2.0 42.0

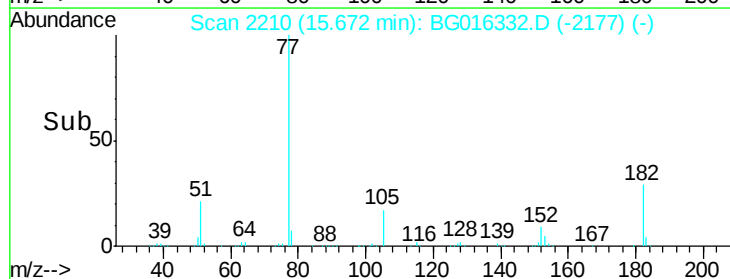
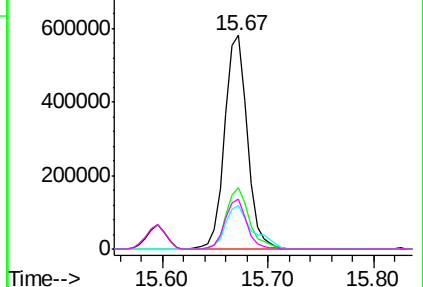


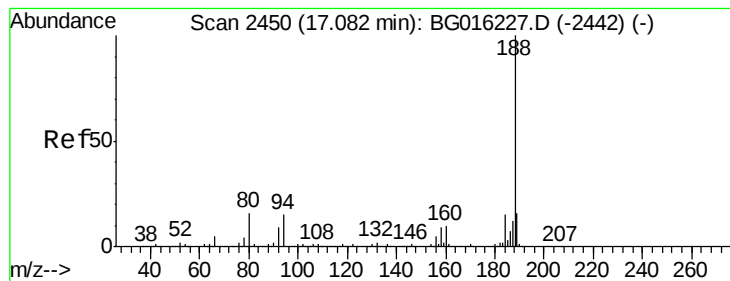
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.08 min Scan# 2449

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

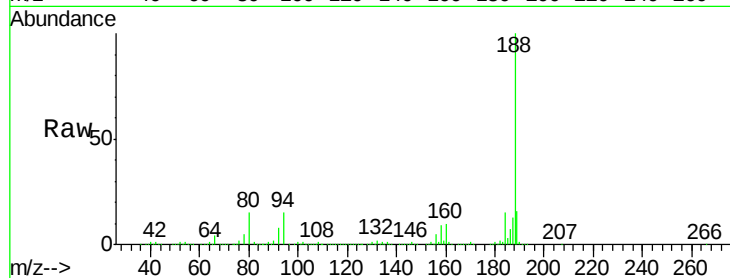
Tgt Ion:188 Resp: 504160

Ion Ratio Lower Upper

188 100

94 14.6 12.2 18.4

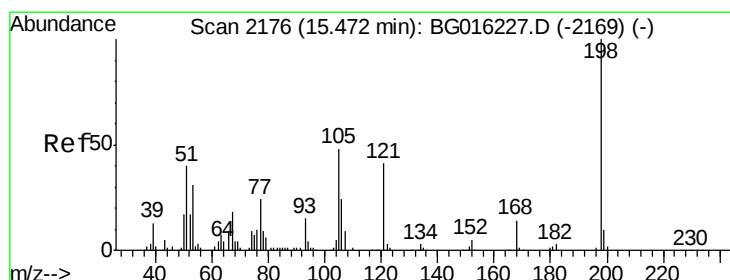
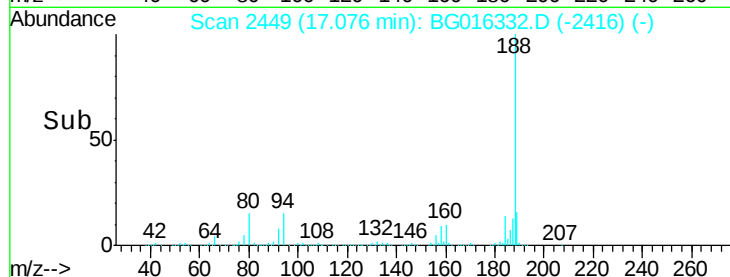
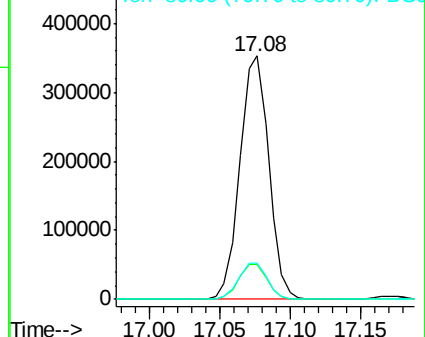
80 15.0 12.8 19.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 38.37 ng

RT: 15.47 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

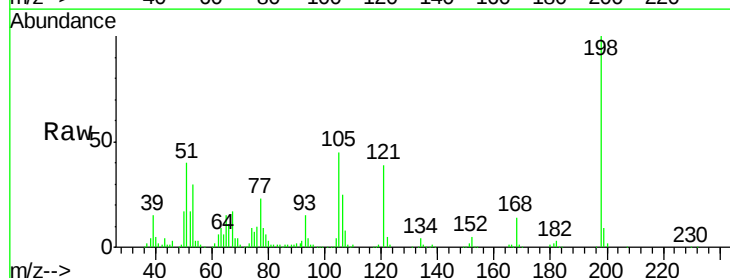
Tgt Ion:198 Resp: 133158

Ion Ratio Lower Upper

198 100

51 39.6 20.7 60.7

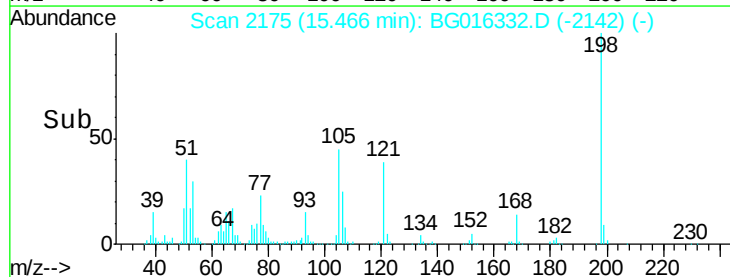
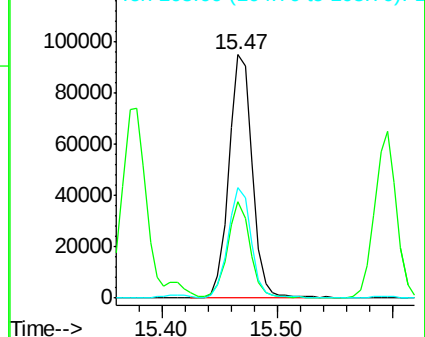
105 45.4 28.8 68.8

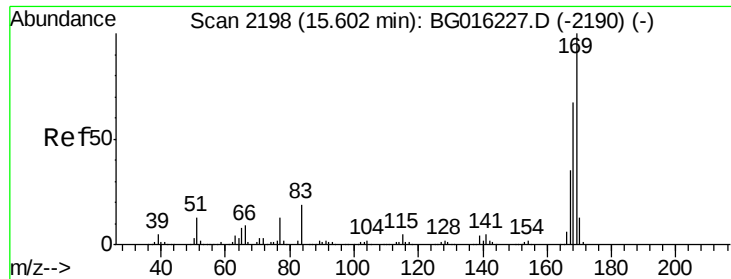


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 41.53 ng

RT: 15.60 min Scan# 2197

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

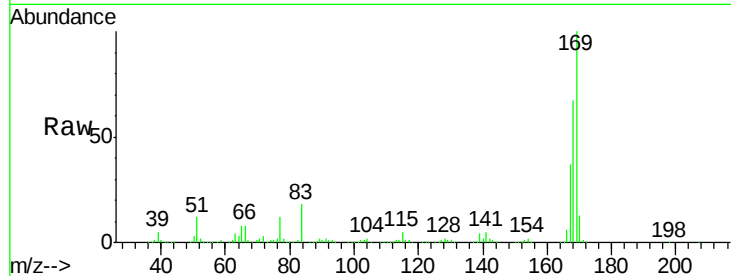
Tgt Ion:169 Resp: 707762

Ion Ratio Lower Upper

169 100

168 66.9 53.4 80.0

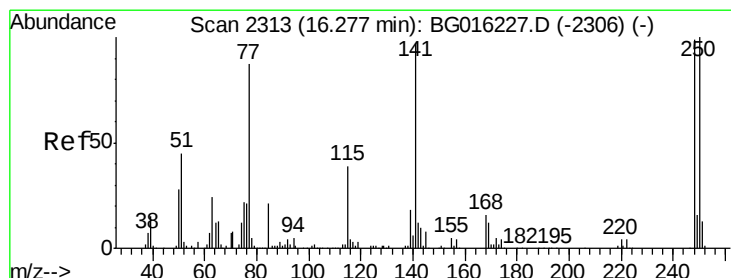
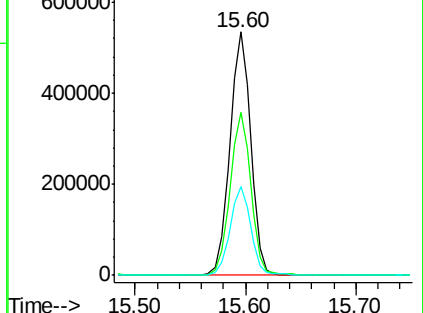
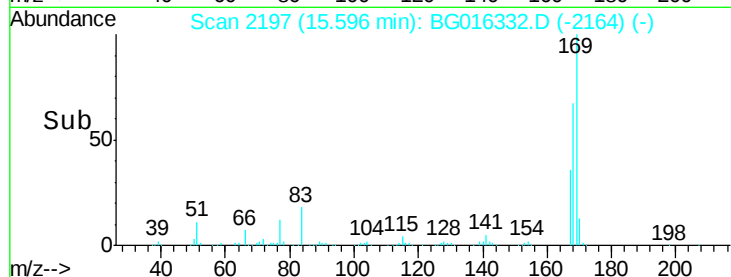
167 36.5 28.3 42.5



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: 44.40 ng

RT: 16.27 min Scan# 2312

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

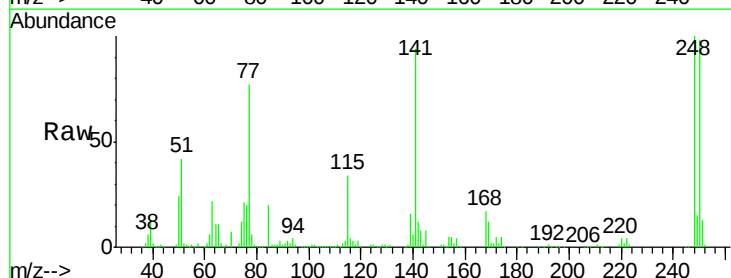
Tgt Ion:248 Resp: 178722

Ion Ratio Lower Upper

248 100

250 98.0 80.5 120.7

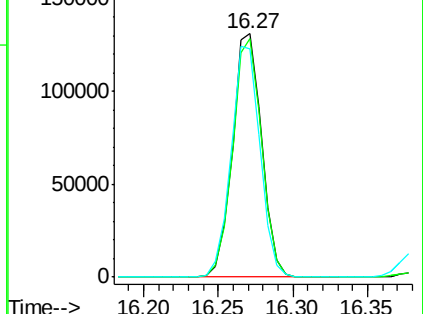
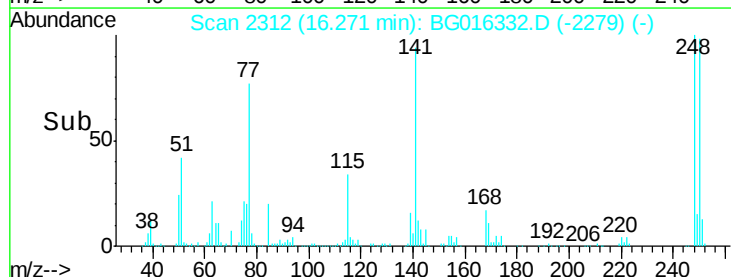
141 93.6 78.2 117.4

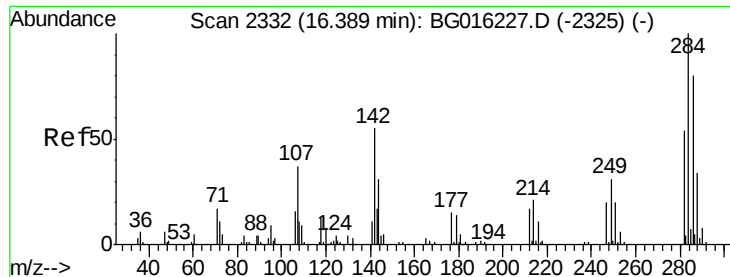


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

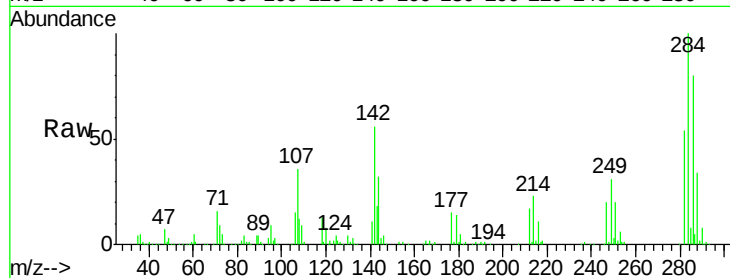




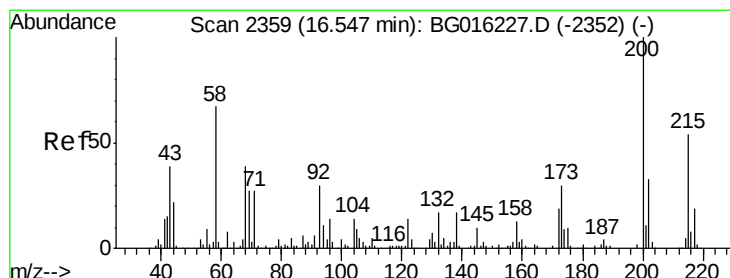
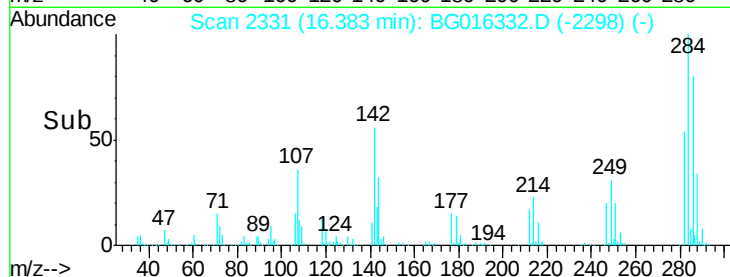
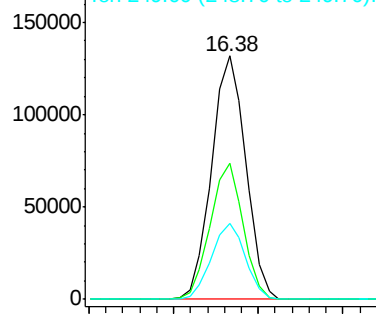
#67  
Hexachlorobenzene  
Concen: 44.34 ng  
RT: 16.38 min Scan# 2331  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

Tgt Ion:284 Resp: 185505  
Ion Ratio Lower Upper  
284 100  
142 55.9 44.2 66.2  
249 31.1 24.8 37.2

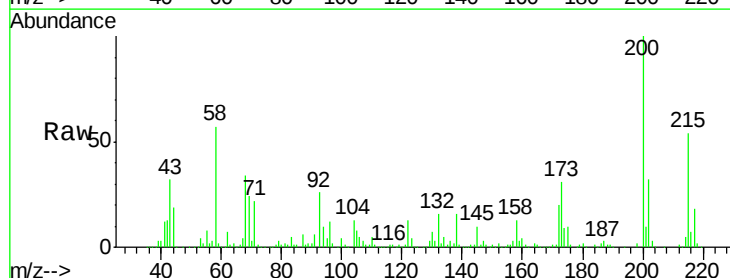


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

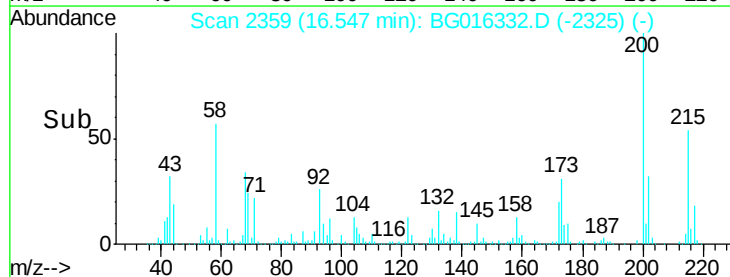
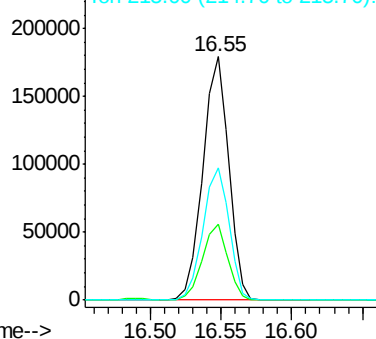


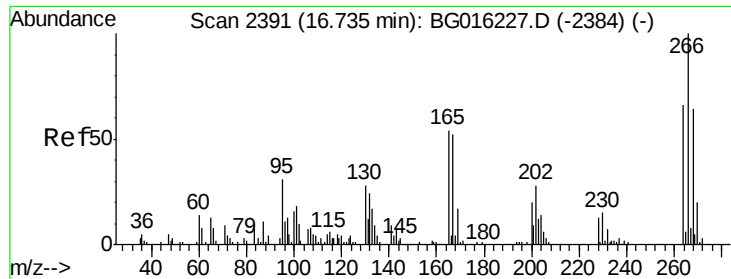
#68  
Atrazine  
Concen: 48.09 ng  
RT: 16.55 min Scan# 2359  
Delta R.T. 0.00 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:200 Resp: 228443  
Ion Ratio Lower Upper  
200 100  
173 31.3 10.2 50.2  
215 54.1 34.4 74.4



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

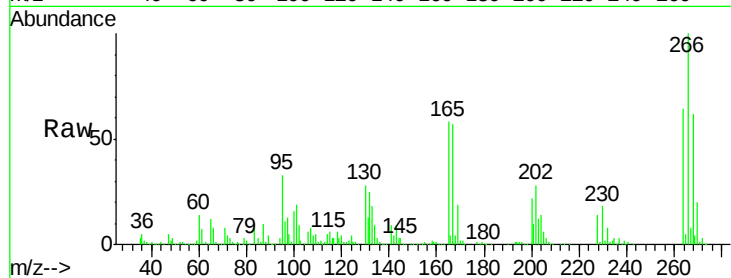




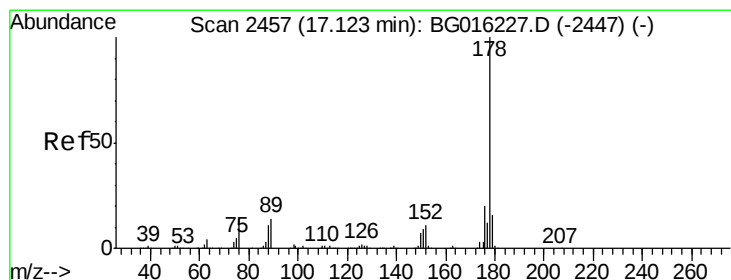
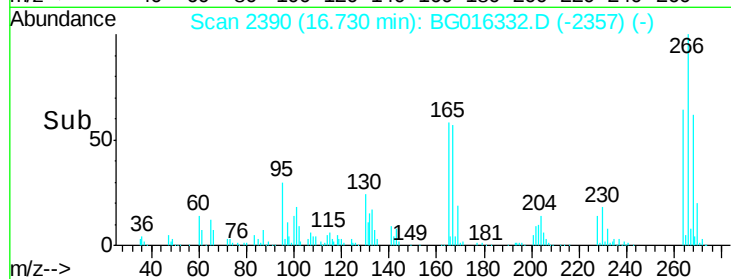
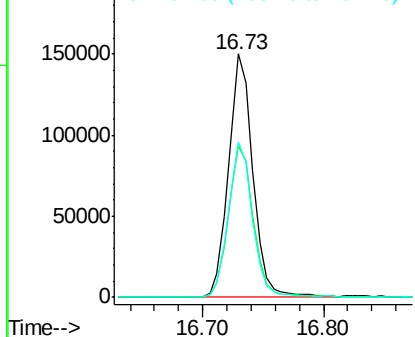
#69  
 Pentachlorophenol  
 Concen: 82.63 ng  
 RT: 16.73 min Scan# 2390  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Tgt Ion:266 Resp: 211093  
 Ion Ratio Lower Upper  
 266 100  
 268 61.9 50.9 76.3  
 264 63.7 52.8 79.2

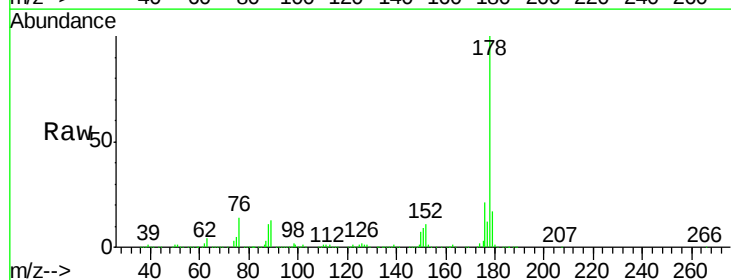


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

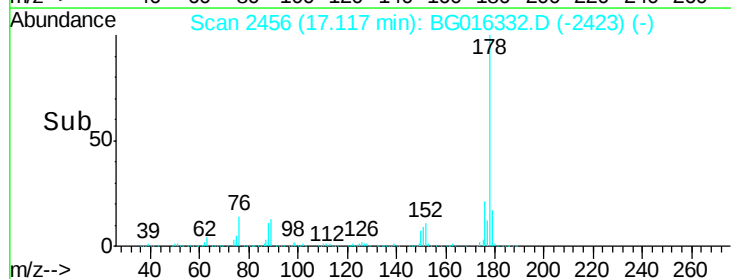
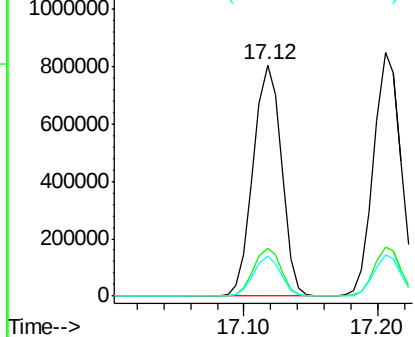


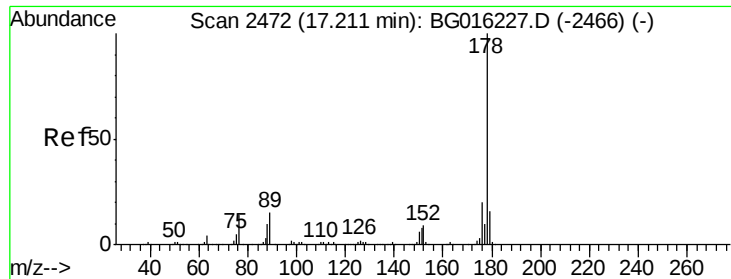
#70  
 Phenanthrene  
 Concen: 41.59 ng  
 RT: 17.12 min Scan# 2456  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:178 Resp: 1179355  
 Ion Ratio Lower Upper  
 178 100  
 176 20.9 16.2 24.4  
 179 17.2 12.7 19.1



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

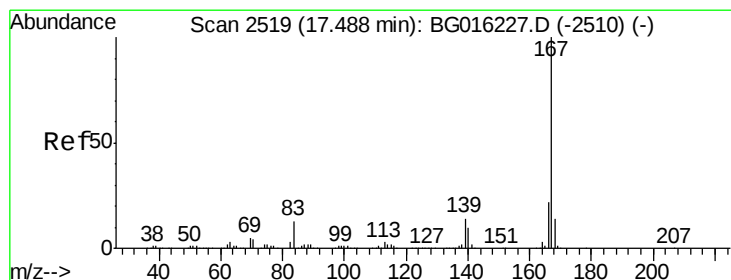
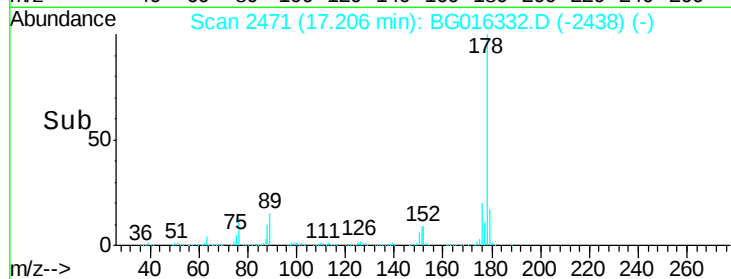
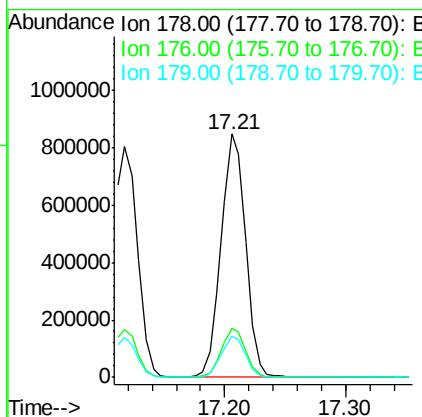
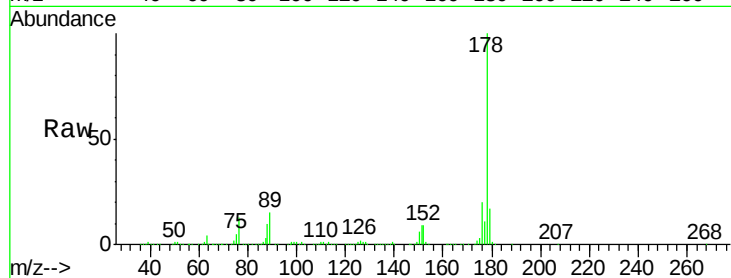




#71  
 Anthracene  
 Concen: 42.31 ng  
 RT: 17.21 min Scan# 2471  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

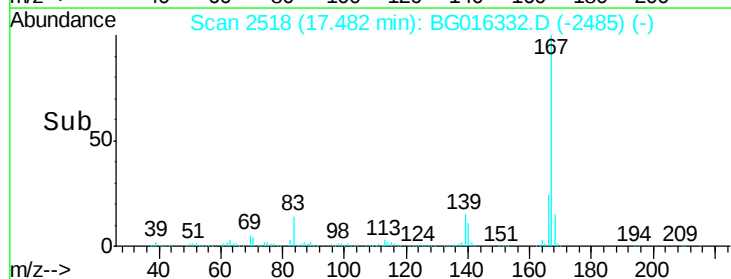
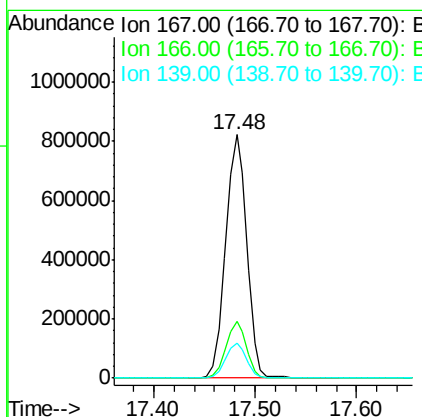
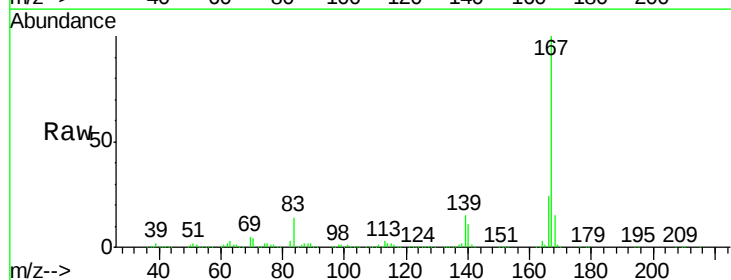
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

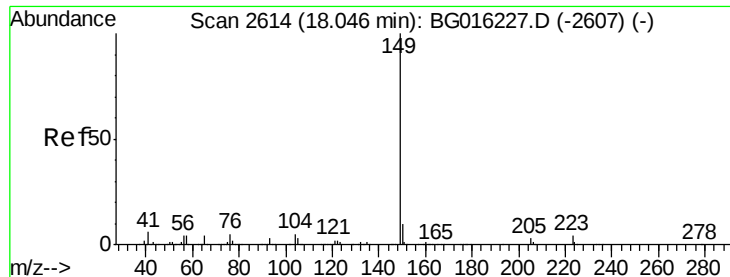
Tgt Ion:178 Resp: 1188912  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 15.9 23.9  
 179 17.2 13.0 19.6



#72  
 Carbazole  
 Concen: 42.20 ng  
 RT: 17.48 min Scan# 2518  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:167 Resp: 1190153  
 Ion Ratio Lower Upper  
 167 100  
 166 23.6 17.9 26.9  
 139 14.6 11.5 17.3





#73

Di-n-butylphthalate

Concen: 43.04 ng

RT: 18.04 min Scan# 2613

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

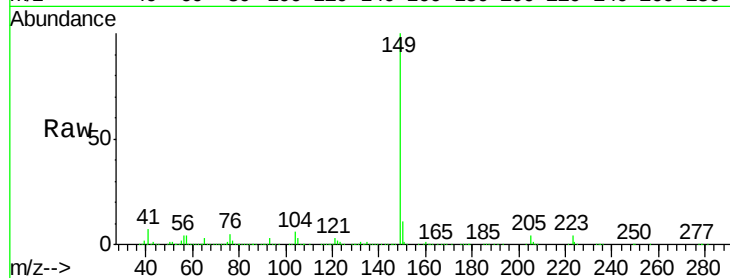
Tgt Ion:149 Resp: 1485517

Ion Ratio Lower Upper

149 100

150 11.0 8.2 12.4

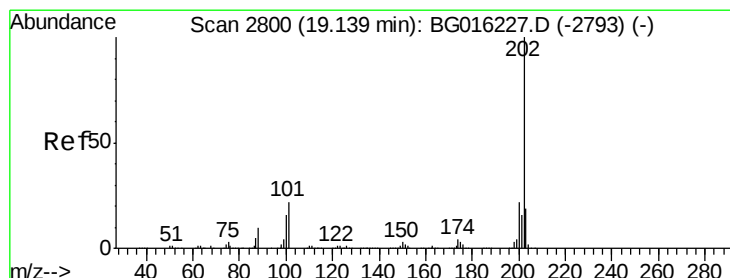
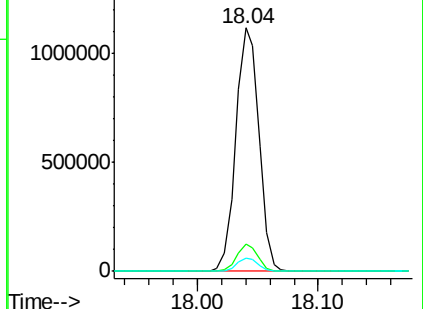
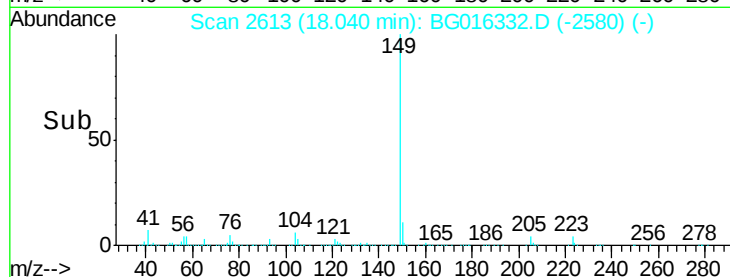
104 5.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.37 ng

RT: 19.13 min Scan# 2799

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

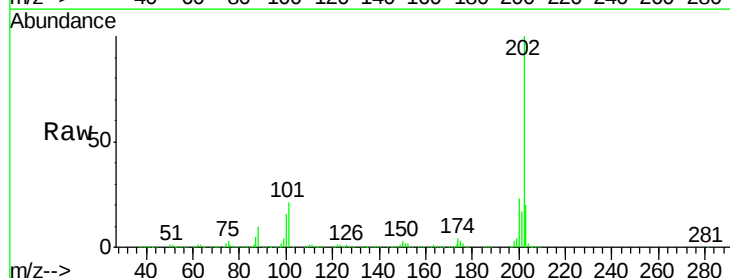
Tgt Ion:202 Resp: 1238495

Ion Ratio Lower Upper

202 100

101 21.1 1.7 41.7

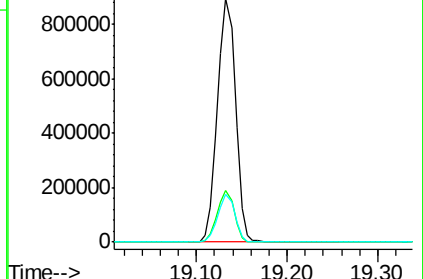
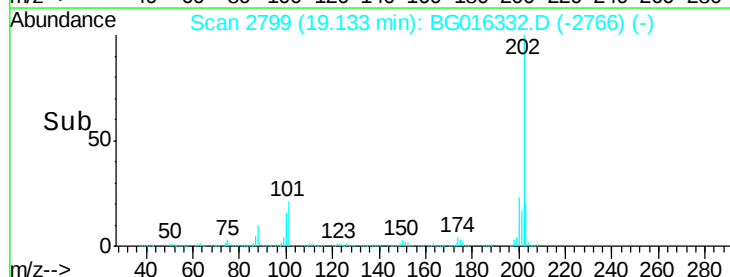
203 19.7 0.0 38.7

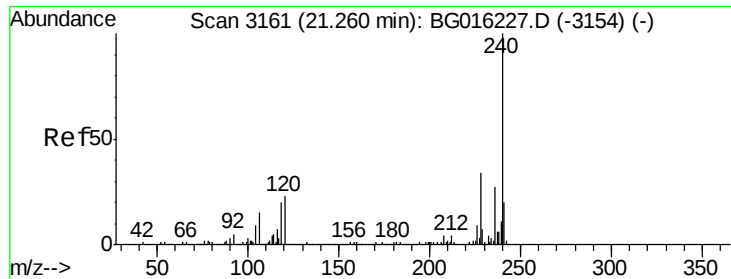


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.25 min Scan# 3160

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

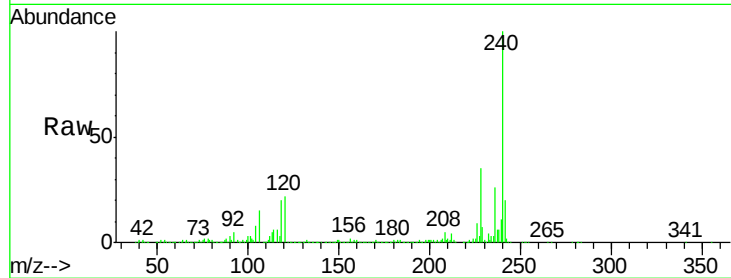
Tgt Ion:240 Resp: 424768

Ion Ratio Lower Upper

240 100

120 22.0 18.6 28.0

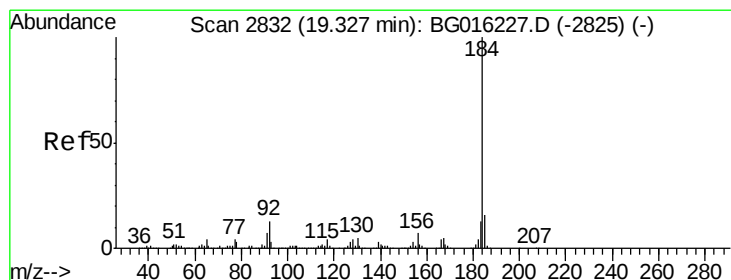
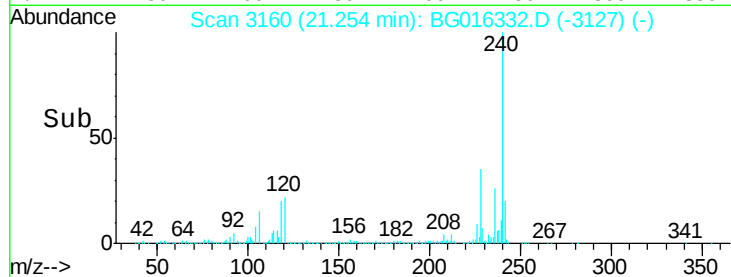
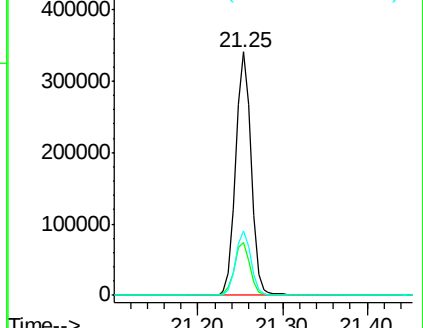
236 26.3 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 24.74 ng

RT: 19.32 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

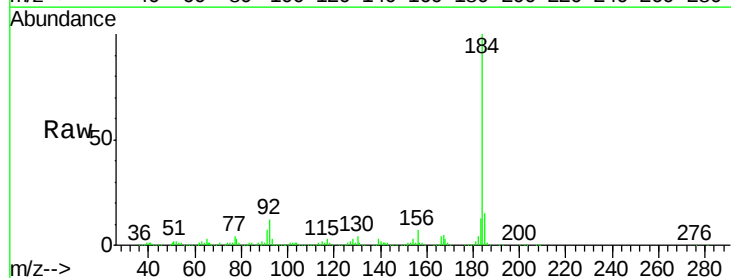
Tgt Ion:184 Resp: 445621

Ion Ratio Lower Upper

184 100

185 14.7 12.6 19.0

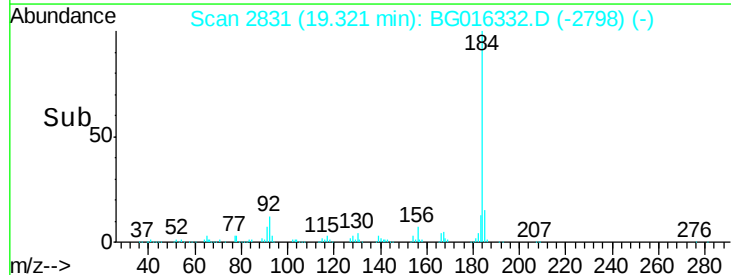
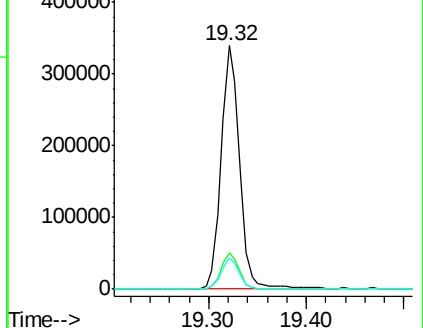
183 12.5 10.4 15.6

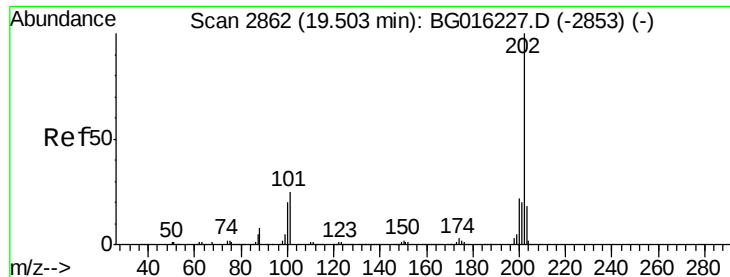


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

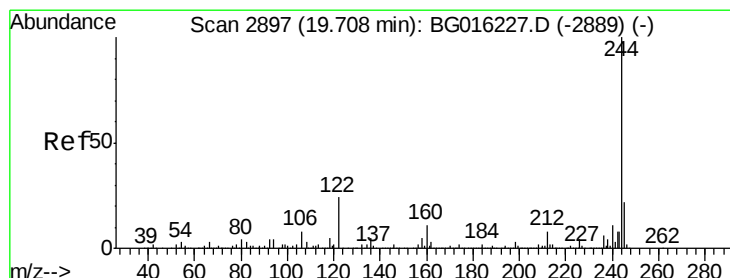
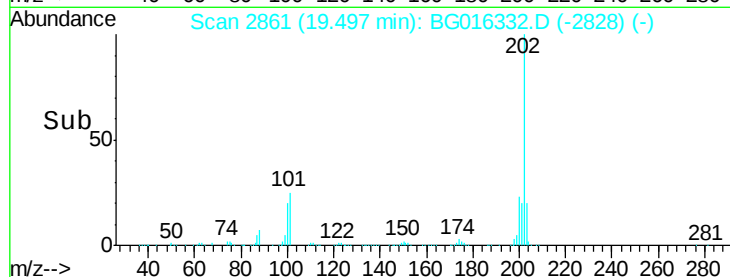
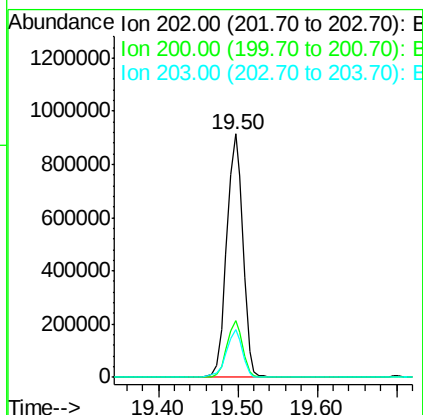
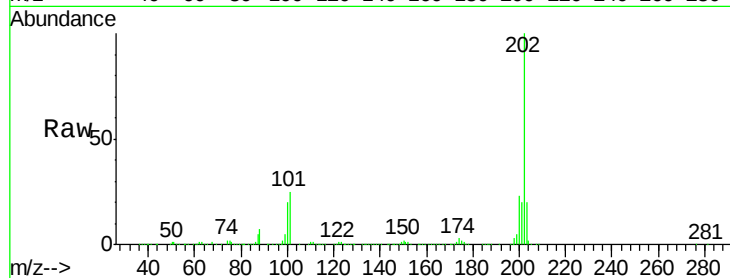




#77  
 Pyrene  
 Concen: 43.75 ng  
 RT: 19.50 min Scan# 2861  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

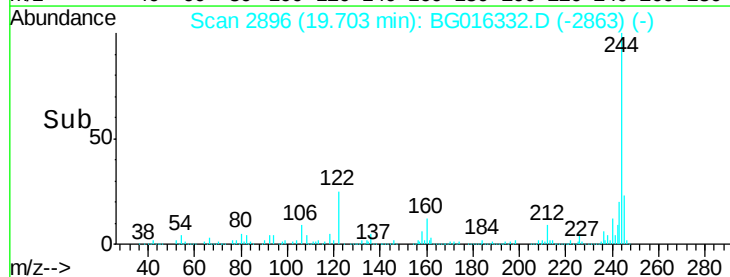
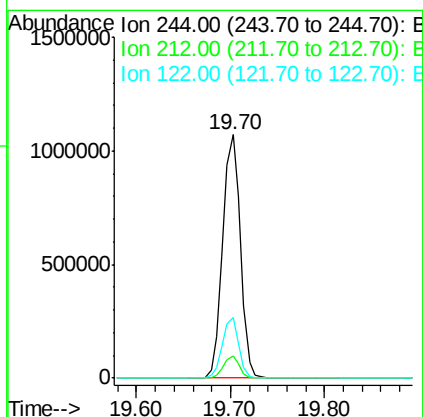
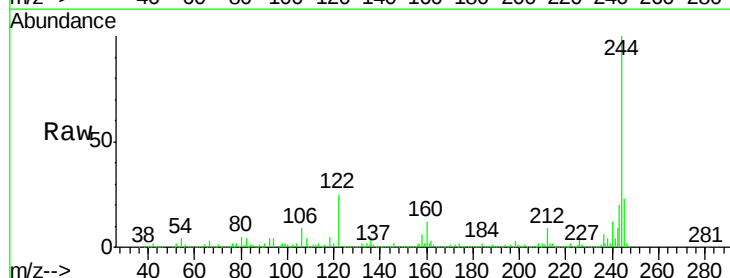
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

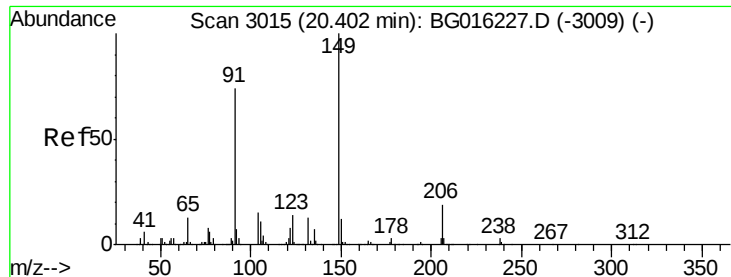
Tgt Ion:202 Resp: 1294080  
 Ion Ratio Lower Upper  
 202 100  
 200 23.3 17.8 26.8  
 203 19.6 14.7 22.1



#78  
 Terphenyl-d14  
 Concen: 77.96 ng  
 RT: 19.70 min Scan# 2896  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:244 Resp: 1414897  
 Ion Ratio Lower Upper  
 244 100  
 212 8.9 6.6 9.8  
 122 24.9 19.1 28.7

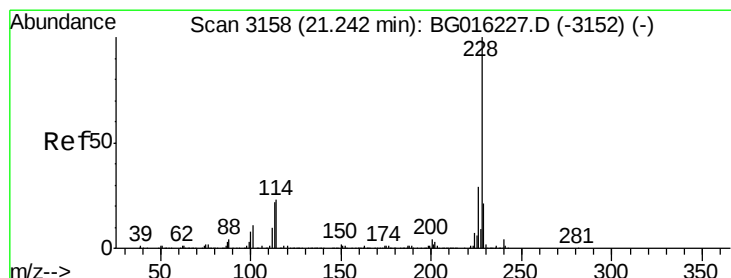
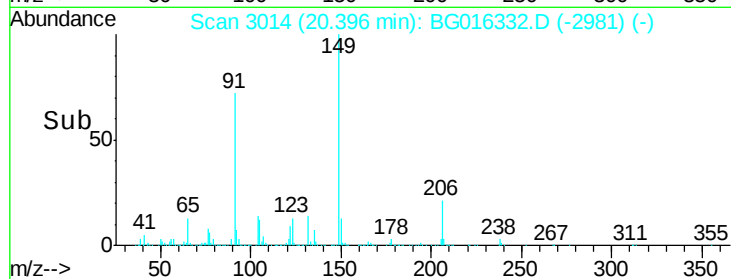
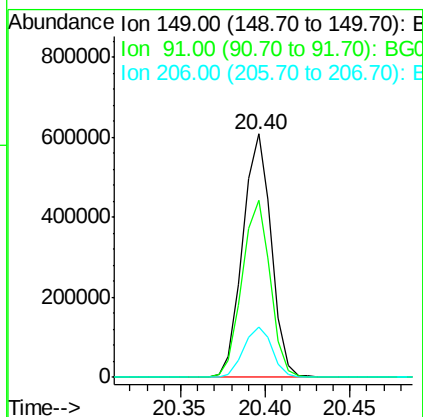
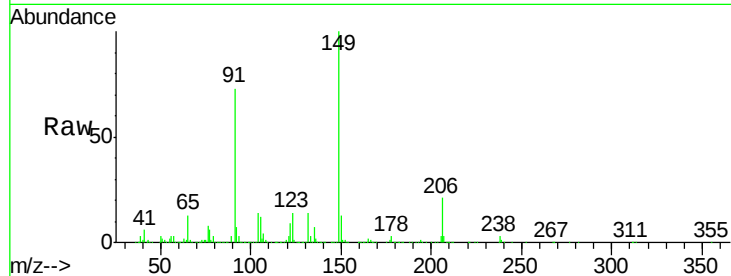




#79  
Butylbenzylphthalate  
Concen: 49.31 ng  
RT: 20.40 min Scan# 3014  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

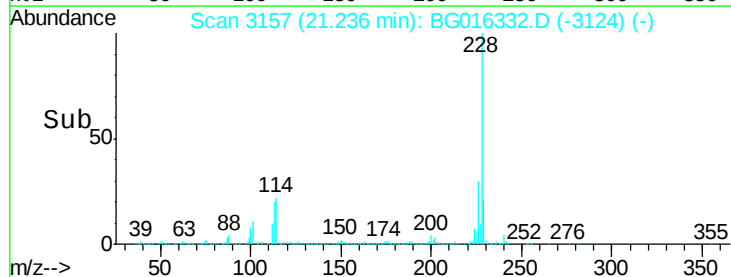
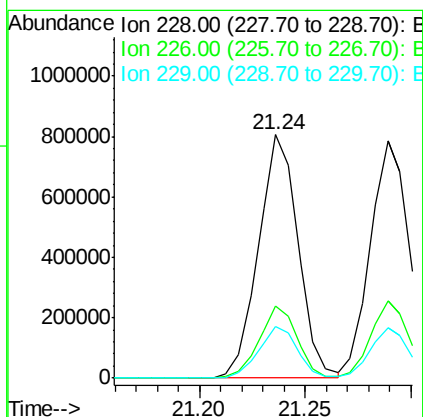
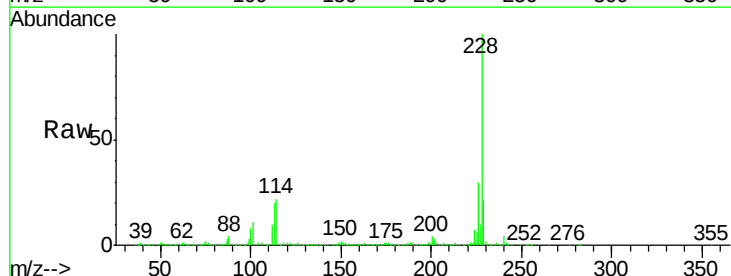
Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

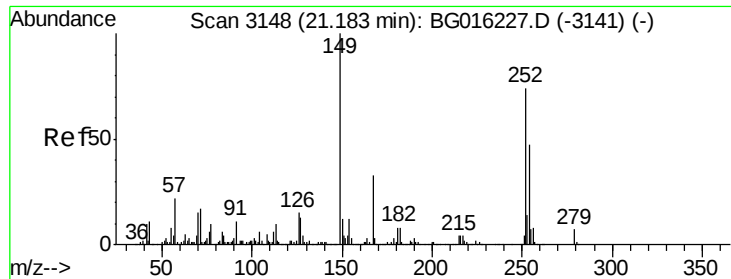
Tgt Ion:149 Resp: 716514  
Ion Ratio Lower Upper  
149 100  
91 72.5 59.4 89.2  
206 20.8 15.6 23.4



#80  
Benzo(a)anthracene  
Concen: 41.78 ng  
RT: 21.24 min Scan# 3157  
Delta R.T. -0.01 min  
Lab File: BG016332.D  
Acq: 10 Apr 2015 22:59

Tgt Ion:228 Resp: 1048758  
Ion Ratio Lower Upper  
228 100  
226 29.8 23.5 35.3  
229 21.3 16.8 25.2

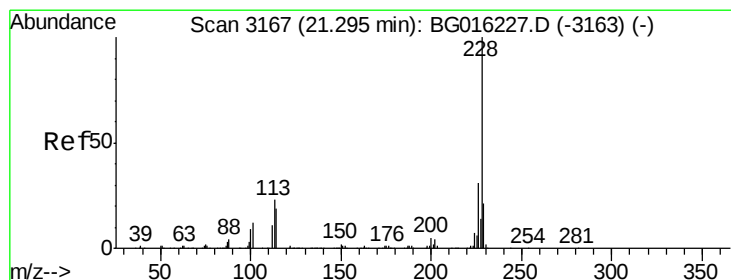
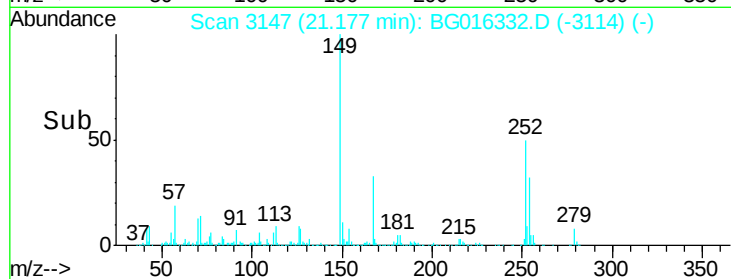
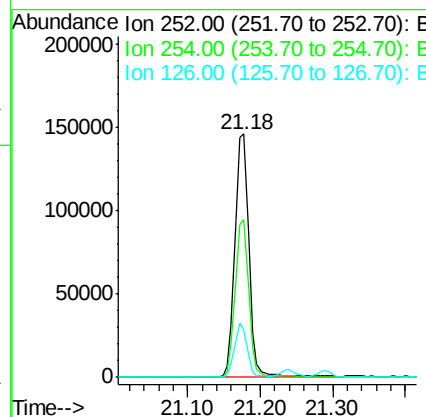
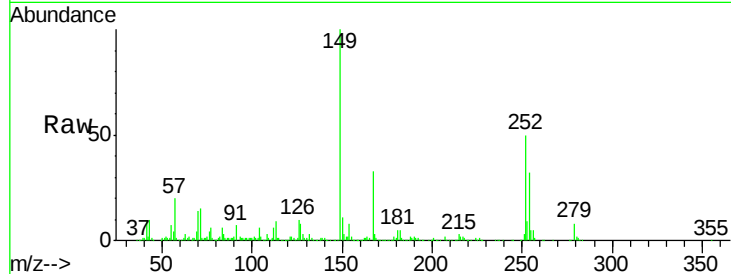




#81  
 3,3'-Dichlorobenzidine  
 Concen: 24.32 ng  
 RT: 21.18 min Scan# 3147  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

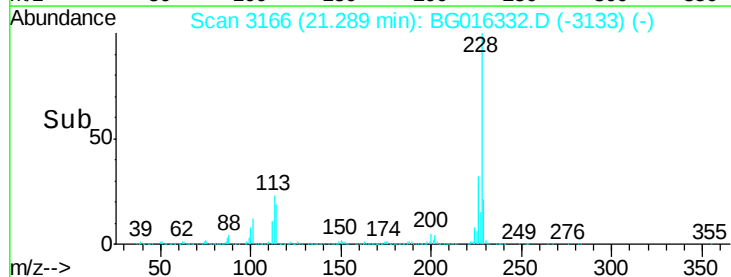
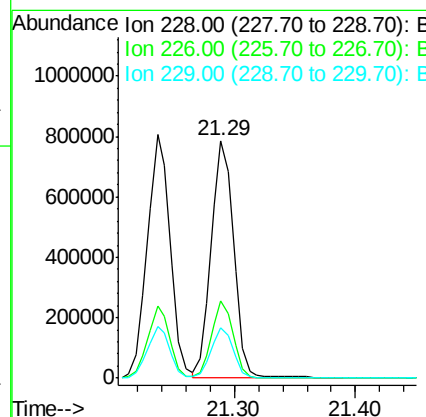
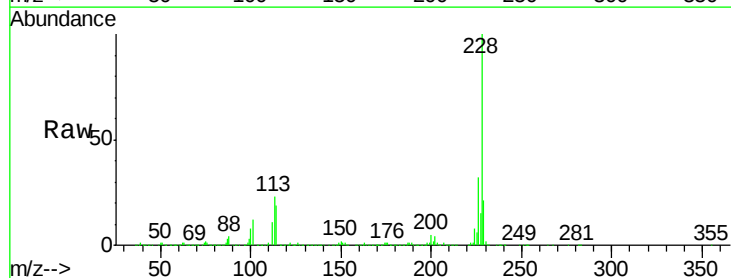
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

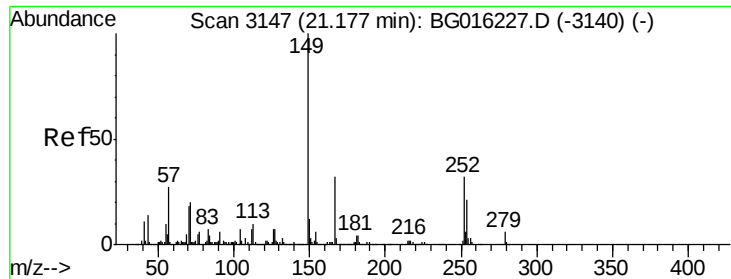
Tgt Ion:252 Resp: 200759  
 Ion Ratio Lower Upper  
 252 100  
 254 64.7 50.8 76.2  
 126 19.5 16.0 24.0



#82  
 Chrysene  
 Concen: 41.57 ng  
 RT: 21.29 min Scan# 3166  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:228 Resp: 1007573  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 25.0 37.4  
 229 21.2 17.0 25.4

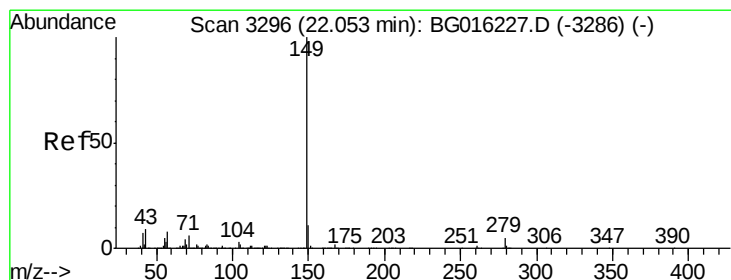
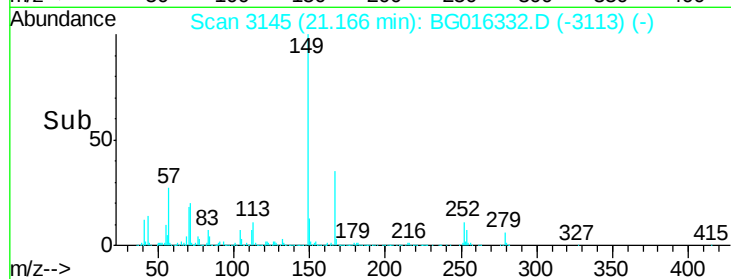
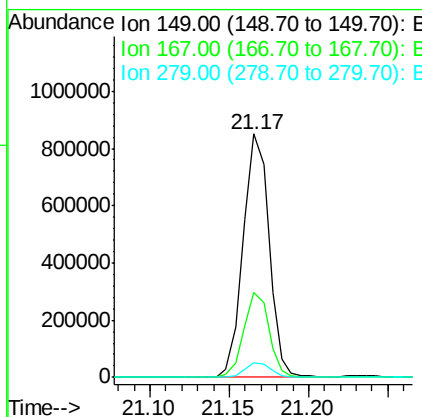
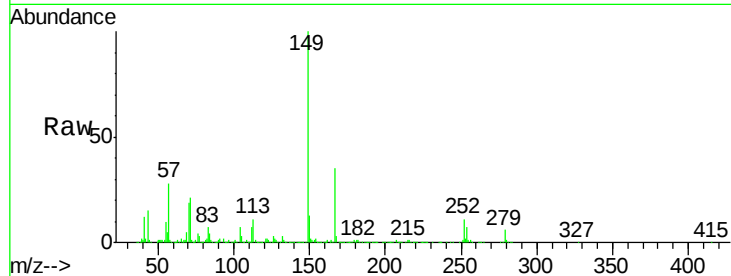




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 49.23 ng  
 RT: 21.17 min Scan# 3145  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

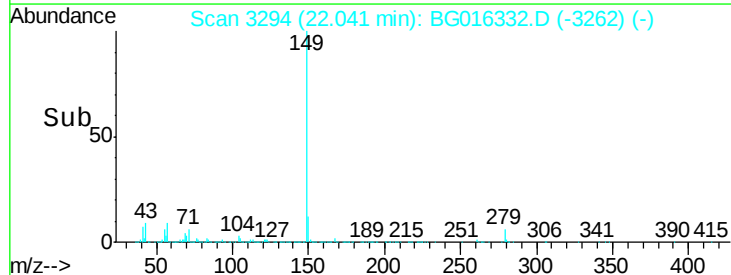
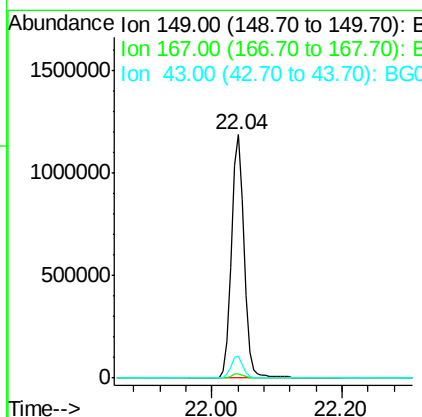
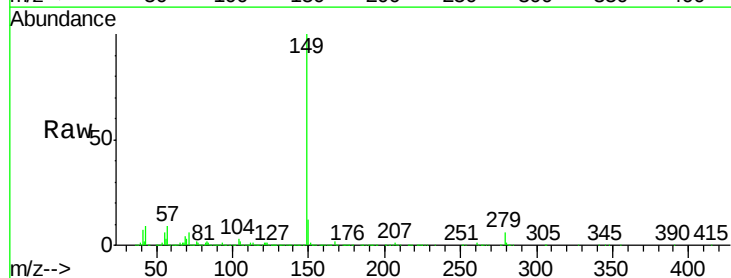
Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

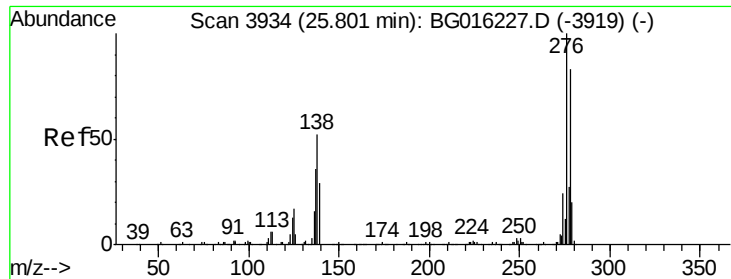
Tgt Ion:149 Resp: 968407  
 Ion Ratio Lower Upper  
 149 100  
 167 34.7 25.8 38.6  
 279 6.2 4.7 7.1



#84  
 Di-n-octyl phthalate  
 Concen: 49.97 ng  
 RT: 22.04 min Scan# 3294  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:149 Resp: 1601585  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.3 1.9  
 43 8.6 7.0 10.4

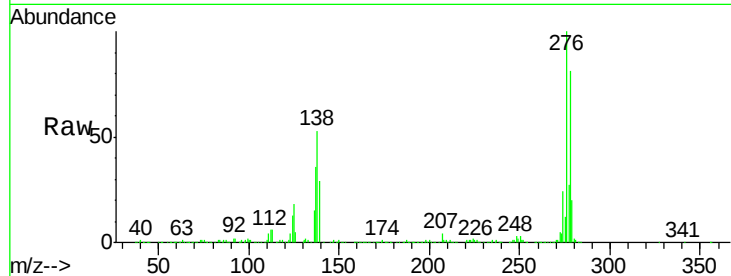




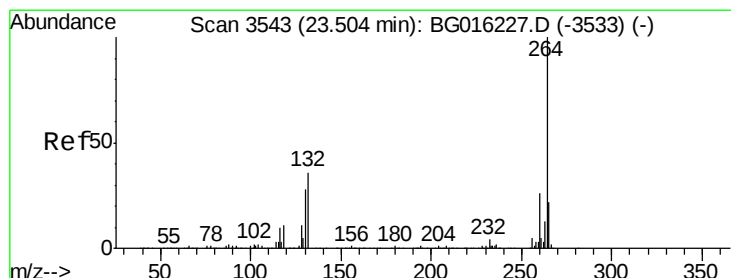
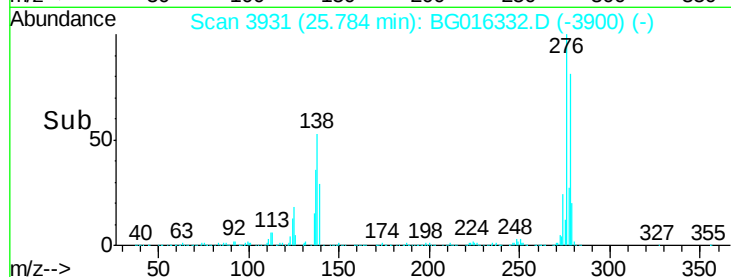
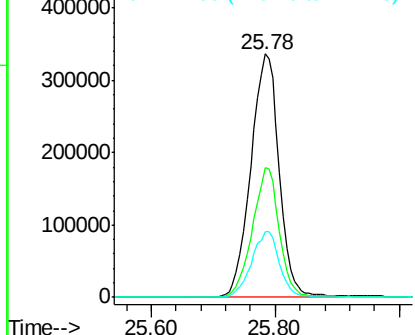
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 42.44 ng  
 RT: 25.78 min Scan# 3931  
 Delta R.T. -0.02 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Instrument :  
 BNA\_G  
 ClientSampleId :  
 DCW-WW-111-4915MSD

Tgt Ion:276 Resp: 1068633  
 Ion Ratio Lower Upper  
 276 100  
 138 50.3 41.5 62.3  
 277 26.9 21.0 31.6

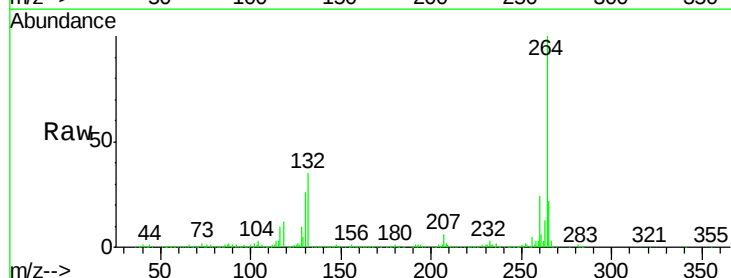


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

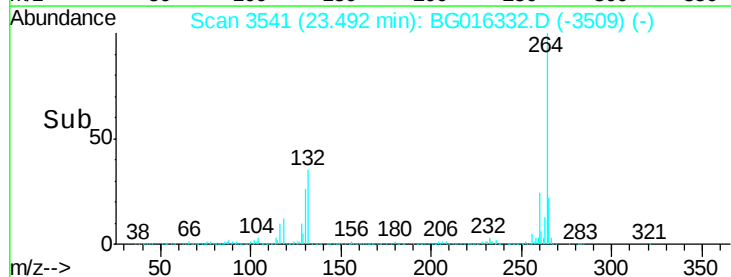
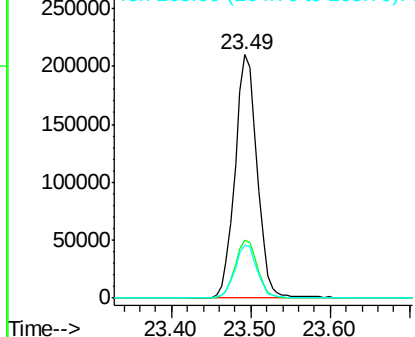


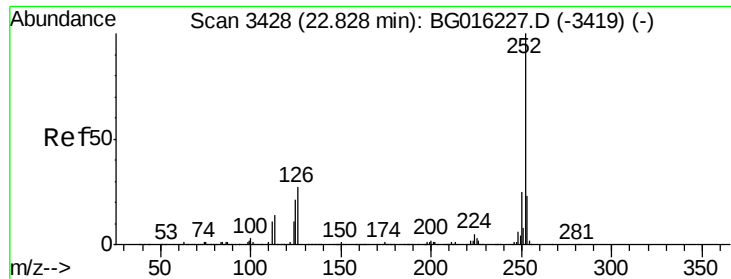
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.49 min Scan# 3541  
 Delta R.T. -0.01 min  
 Lab File: BG016332.D  
 Acq: 10 Apr 2015 22:59

Tgt Ion:264 Resp: 406967  
 Ion Ratio Lower Upper  
 264 100  
 260 23.9 20.4 30.6  
 265 21.8 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E  
 Ion 260.00 (259.70 to 260.70): E  
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 41.90 ng

RT: 22.82 min Scan# 3426

Delta R.T. -0.01 min

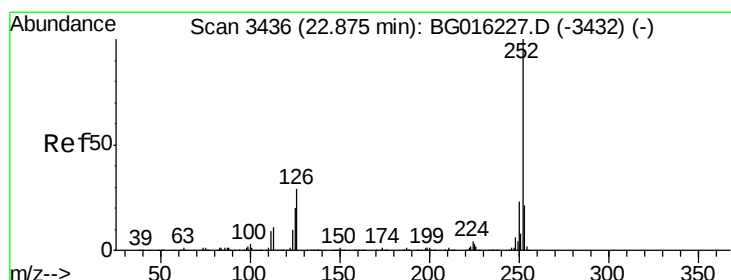
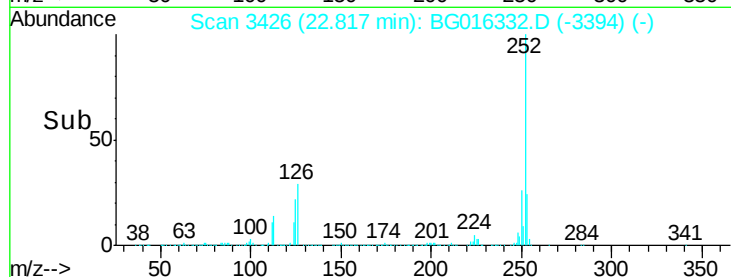
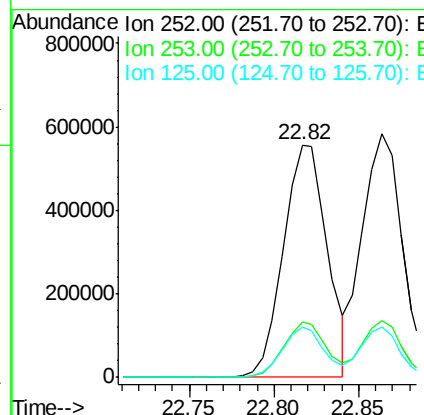
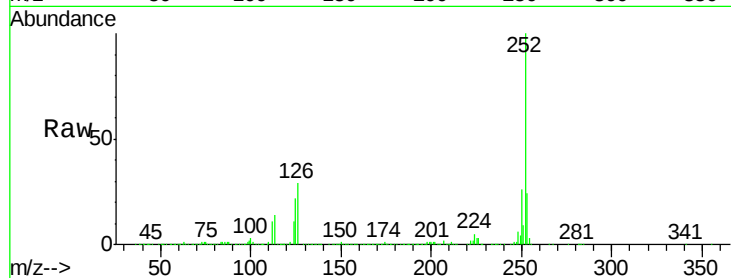
Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :  
BNA\_G  
ClientSampleId :  
DCW-WW-111-4915MSD

Tgt Ion:252 Resp: 998710

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.7  | 18.5  | 27.7  |
| 125 | 21.7  | 17.0  | 25.6  |



#88

Benzo(k)fluoranthene

Concen: 42.07 ng

RT: 22.86 min Scan# 3434

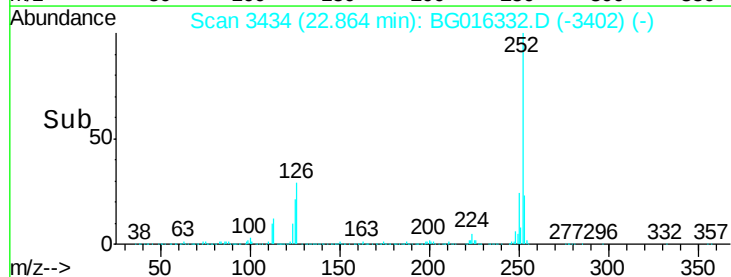
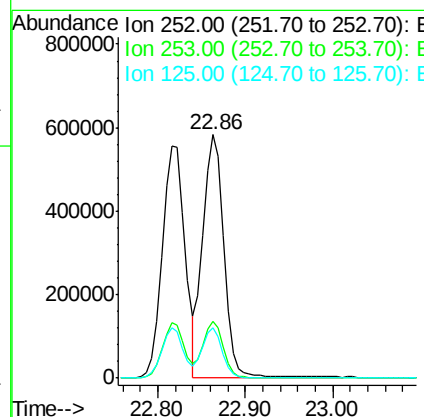
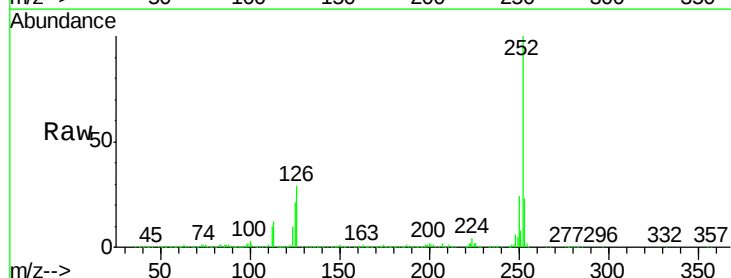
Delta R.T. -0.01 min

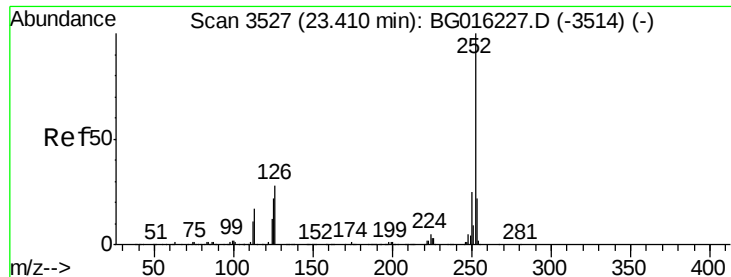
Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Tgt Ion:252 Resp: 981206

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.2  | 17.5  | 26.3  |
| 125 | 20.9  | 16.3  | 24.5  |





#89

Benzo(a)pyrene

Concen: 42.80 ng

RT: 23.40 min Scan# 3525

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

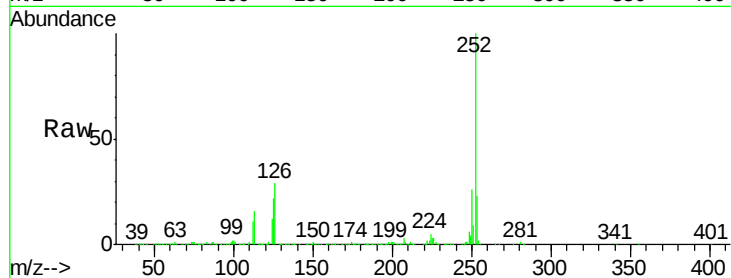
Tgt Ion:252 Resp: 956186

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

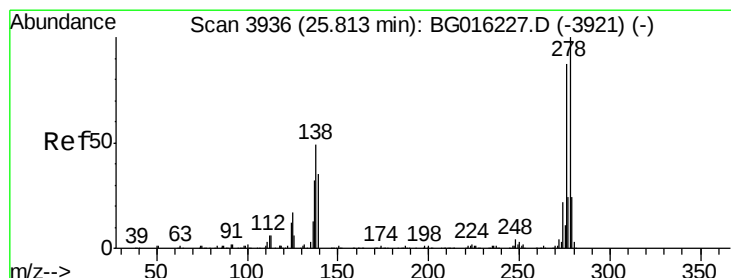
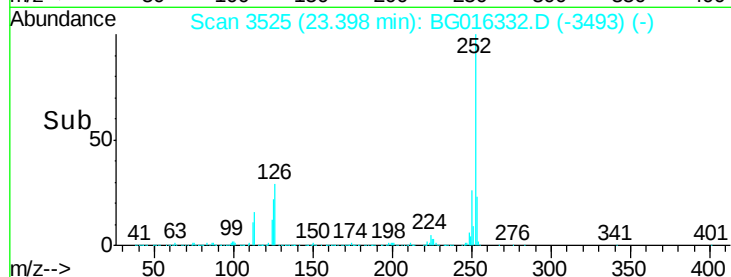
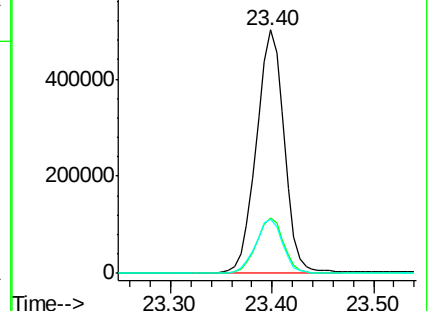
125 22.4 17.6 26.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 40.68 ng

RT: 25.80 min Scan# 3933

Delta R.T. -0.02 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

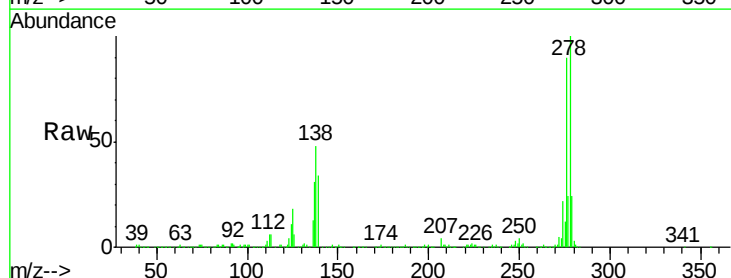
Tgt Ion:278 Resp: 884316

Ion Ratio Lower Upper

278 100

139 33.7 27.9 41.9

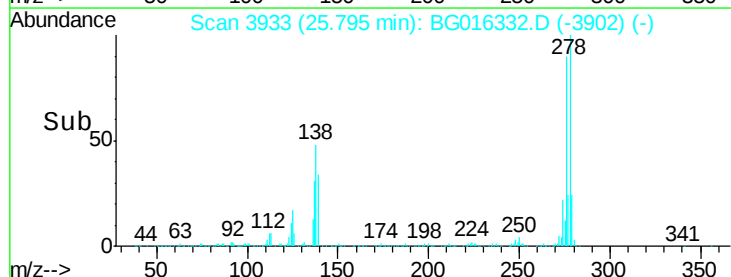
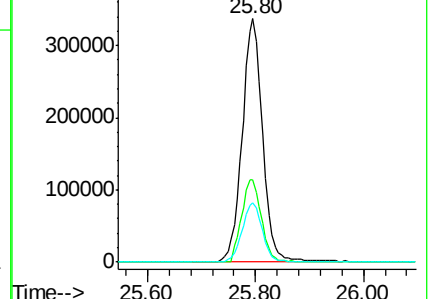
279 24.3 19.5 29.3

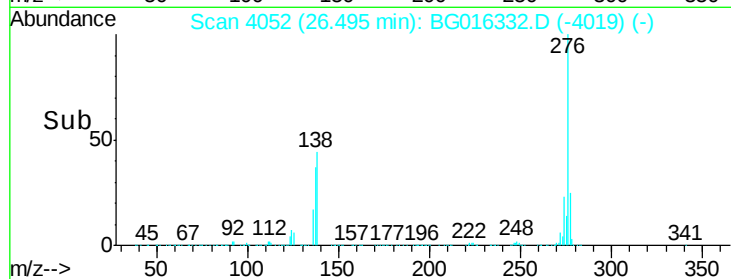
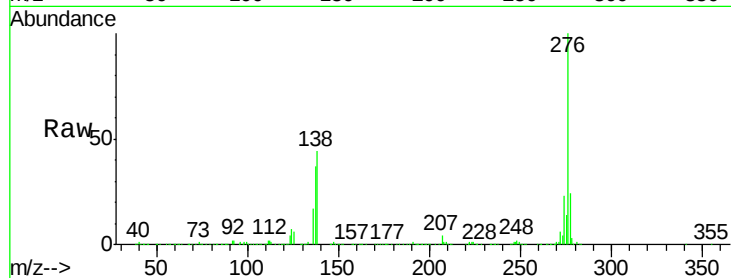
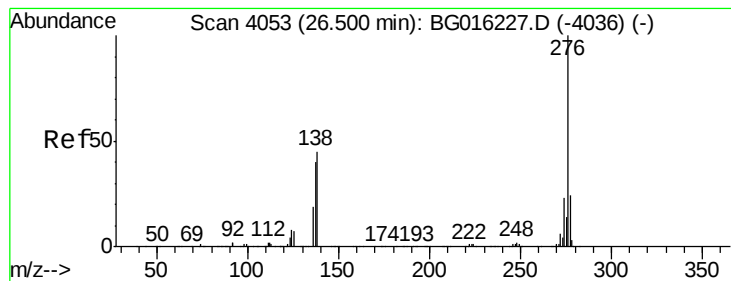


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 42.66 ng

RT: 26.49 min Scan# 4052

Delta R.T. -0.01 min

Lab File: BG016332.D

Acq: 10 Apr 2015 22:59

Instrument :

BNA\_G

ClientSampleId :

DCW-WW-111-4915MSD

Tgt Ion: 276 Resp: 926355

Ion Ratio Lower Upper

276 100

277 24.5 19.5 29.3

138 44.2 35.7 53.5

