

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG051115\  
 Data File : BG017057.D  
 Acq On : 11 May 2015 17:26  
 Operator : TP/IZ  
 Sample : G2176-20MSD  
 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

Quant Time: May 12 04:17:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 04:00:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.75  | 152  | 49321    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.55 | 136  | 215957   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.40 | 164  | 140654   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.15 | 188  | 321460   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.34 | 240  | 341969   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.62 | 264  | 335595   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.34  | 112 | 402239  | 142.01 | ng | 0.00 |
| 7) Phenol-d6             | 6.95  | 99  | 563590  | 139.27 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.92  | 82  | 356642  | 80.68  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 15.90 | 330 | 222748  | 157.75 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.02 | 172 | 739636  | 79.35  | ng | 0.00 |
| 78) Terphenyl-d14        | 19.78 | 244 | 1189354 | 81.53  | ng | 0.00 |

## Target Compounds

|                                |       |     |        |       |    | Qvalue |
|--------------------------------|-------|-----|--------|-------|----|--------|
| 2) 1,4-Dioxane                 | 3.23  | 88  | 42400  | 35.72 | ng | # 1    |
| 3) Pyridine                    | 3.62  | 79  | 126748 | 34.54 | ng | 97     |
| 4) n-Nitrosodimethylamine      | 3.54  | 42  | 94654  | 43.21 | ng | # 87   |
| 6) Aniline                     | 7.08  | 93  | 181845 | 32.00 | ng | 98     |
| 8) 2-Chlorophenol              | 7.32  | 128 | 149852 | 45.67 | ng | 98     |
| 9) Benzaldehyde                | 6.90  | 77  | 87138  | 28.84 | ng | 96     |
| 10) Phenol                     | 6.97  | 94  | 203772 | 46.96 | ng | 99     |
| 11) bis(2-Chloroethyl)ether    | 7.18  | 93  | 140069 | 41.74 | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.64  | 146 | 147646 | 40.80 | ng | 95     |
| 13) 1,4-Dichlorobenzene        | 7.79  | 146 | 151272 | 41.27 | ng | 96     |
| 14) 1,2-Dichlorobenzene        | 8.11  | 146 | 145043 | 41.24 | ng | 96     |
| 15) Benzyl Alcohol             | 8.00  | 79  | 161940 | 43.82 | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.29  | 45  | 234448 | 37.75 | ng | 98     |
| 17) 2-Methylphenol             | 8.22  | 107 | 139921 | 45.79 | ng | 93     |
| 18) Hexachloroethane           | 8.83  | 117 | 62791  | 41.68 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.56  | 70  | 135647 | 38.23 | ng | 96     |
| 20) 3+4-Methylphenols          | 8.55  | 107 | 185420 | 44.03 | ng | 96     |
| 22) Acetophenone               | 8.58  | 105 | 225891 | 43.92 | ng | 96     |
| 24) Nitrobenzene               | 8.96  | 77  | 187838 | 42.08 | ng | 98     |
| 25) Isophorone                 | 9.48  | 82  | 352904 | 39.54 | ng | 99     |
| 26) 2-Nitrophenol              | 9.66  | 139 | 86489  | 47.58 | ng | 91     |
| 27) 2,4-Dimethylphenol         | 9.74  | 122 | 156167 | 47.47 | ng | 99     |
| 28) bis(2-Chloroethoxy)methane | 9.96  | 93  | 188581 | 41.86 | ng | 97     |
| 29) 2,4-Dichlorophenol         | 10.21 | 162 | 151597 | 48.78 | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.41 | 180 | 143257 | 43.47 | ng | 94     |
| 31) Naphthalene                | 10.60 | 128 | 450874 | 41.98 | ng | 99     |
| 32) Benzoic acid               | 9.82  | 122 | 7071   | 4.89  | ng | # 83   |
| 33) 4-Chloroaniline            | 10.71 | 127 | 137762 | 27.77 | ng | 96     |
| 34) Hexachlorobutadiene        | 10.88 | 225 | 88126  | 42.73 | ng | 95     |
| 35) Caprolactam                | 11.48 | 113 | 42700  | 26.45 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.87 | 107 | 185892 | 46.72 | ng | 98     |
| 37) 2-Methylnaphthalene        | 12.22 | 142 | 341581 | 41.75 | ng | 99     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.59 | 216 | 160434 | 42.20 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.57 | 237 | 216765 | 88.28 | ng | 96     |

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 Misc :  
 ALS Vial : 10 Sample Multiplier: 1

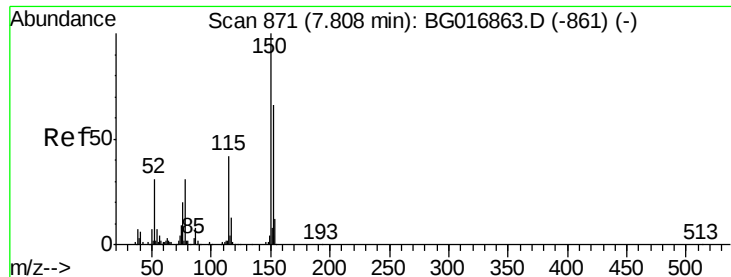
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

Quant Time: May 12 04:17:40 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\8270-BG050515.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue May 12 04:00:00 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.84 | 196  | 126081   | 46.79 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 12.92 | 196  | 131704   | 46.05 | ng    | 97       |
| 45) 1,1'-Biphenyl              | 13.23 | 154  | 436663   | 43.36 | ng    | 99       |
| 46) 2-Chloronaphthalene        | 13.28 | 162  | 344206   | 43.15 | ng    | 97       |
| 47) 2-Nitroaniline             | 13.49 | 65   | 137033   | 49.36 | ng    | 97       |
| 48) Acenaphthylene             | 14.13 | 152  | 578843   | 41.67 | ng    | 98       |
| 49) Dimethylphthalate          | 13.87 | 163  | 505048   | 48.09 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 13.99 | 165  | 109143   | 50.05 | ng    | 96       |
| 51) Acenaphthene               | 14.47 | 154  | 347277   | 42.01 | ng    | 96       |
| 52) 3-Nitroaniline             | 14.32 | 138  | 86104    | 34.71 | ng    | 95       |
| 53) 2,4-Dinitrophenol          | 14.52 | 184  | 55371    | 55.52 | ng    | 88       |
| 54) Dibenzofuran               | 14.80 | 168  | 522483   | 44.51 | ng    | 97       |
| 55) 4-Nitrophenol              | 14.67 | 139  | 208252   | 99.00 | ng    | 92       |
| 56) 2,4-Dinitrotoluene         | 14.77 | 165  | 154535   | 55.39 | ng    | 99       |
| 57) Fluorene                   | 15.46 | 166  | 457161   | 43.99 | ng    | 100      |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.04 | 232  | 117300   | 47.53 | ng    | # 77     |
| 59) Diethylphthalate           | 15.23 | 149  | 493041   | 44.47 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.45 | 204  | 230461   | 44.14 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.49 | 138  | 135147   | 46.99 | ng    | 91       |
| 62) Azobenzene                 | 15.74 | 77   | 512956   | 44.67 | ng    | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.54 | 198  | 82530    | 51.78 | ng    | 94       |
| 65) n-Nitrosodiphenylamine     | 15.67 | 169  | 411189   | 41.90 | ng    | 94       |
| 66) 4-Bromophenyl-phenylether  | 16.34 | 248  | 141656   | 43.90 | ng    | 97       |
| 67) Hexachlorobenzene          | 16.45 | 284  | 149158   | 43.84 | ng    | 99       |
| 68) Atrazine                   | 16.63 | 200  | 165668   | 46.91 | ng    | 96       |
| 69) Pentachlorophenol          | 16.81 | 266  | 192301   | 87.05 | ng    | 97       |
| 70) Phenanthrene               | 17.20 | 178  | 692920   | 41.89 | ng    | 99       |
| 71) Anthracene                 | 17.28 | 178  | 717715   | 43.00 | ng    | 99       |
| 72) Carbazole                  | 17.56 | 167  | 712211   | 44.89 | ng    | 98       |
| 73) Di-n-butylphthalate        | 18.12 | 149  | 906645   | 44.08 | ng    | 99       |
| 74) Fluoranthene               | 19.22 | 202  | 841260   | 43.83 | ng    | 100      |
| 76) Benzidine                  | 19.40 | 184  | 550256   | 47.36 | ng    | 99       |
| 77) Pyrene                     | 19.58 | 202  | 864079   | 42.81 | ng    | 100      |
| 79) Butylbenzylphthalate       | 20.48 | 149  | 409715   | 42.71 | ng    | 97       |
| 80) Benzo(a)anthracene         | 21.32 | 228  | 809004   | 44.10 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.25 | 252  | 180698   | 25.23 | ng    | # 96     |
| 82) Chrysene                   | 21.37 | 228  | 757476   | 44.08 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.25 | 149  | 556757   | 42.43 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 22.14 | 149  | 950758   | 43.13 | ng    | # 100    |
| 85) Indeno(1,2,3-cd)pyrene     | 25.98 | 276  | 890503   | 43.49 | ng    | # 100    |
| 87) Benzo(b)fluoranthene       | 22.93 | 252  | 797470   | 42.66 | ng    | 98       |
| 88) Benzo(k)fluoranthene       | 22.98 | 252  | 781685   | 43.46 | ng    | 98       |
| 89) Benzo(a)pyrene             | 23.52 | 252  | 771630   | 44.26 | ng    | 99       |
| 90) Dibenzo(a,h)anthracene     | 26.00 | 278  | 757402   | 42.53 | ng    | 96       |
| 91) Benzo(g,h,i)perylene       | 26.70 | 276  | 732048   | 43.17 | ng    | 99       |

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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.75 min Scan# 862

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

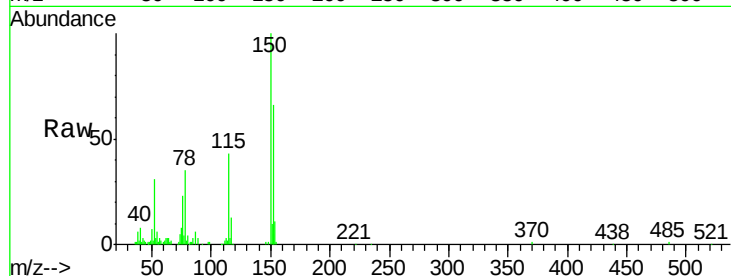
Tgt Ion:152 Resp: 49321

Ion Ratio Lower Upper

152 100

150 152.3 121.0 181.4

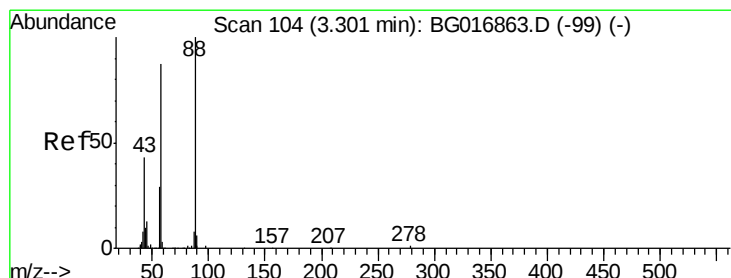
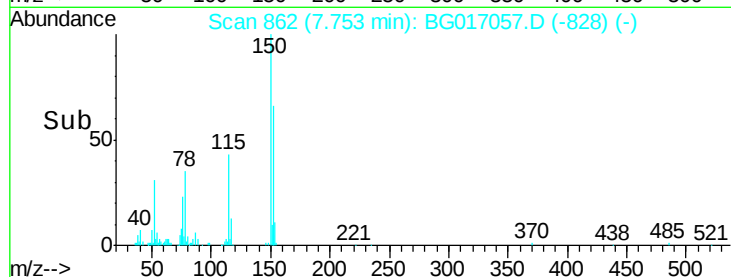
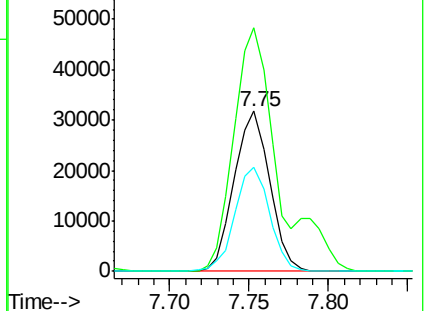
115 65.3 50.5 75.7



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



#2

1,4-Dioxane

Concen: 35.72 ng

RT: 3.23 min Scan# 92

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

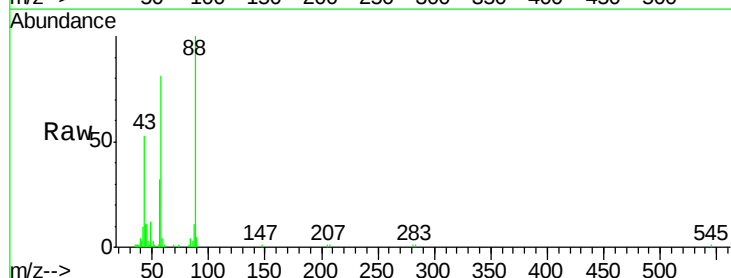
Tgt Ion: 88 Resp: 42400

Ion Ratio Lower Upper

88 100

58 81.6 0.1 0.1#

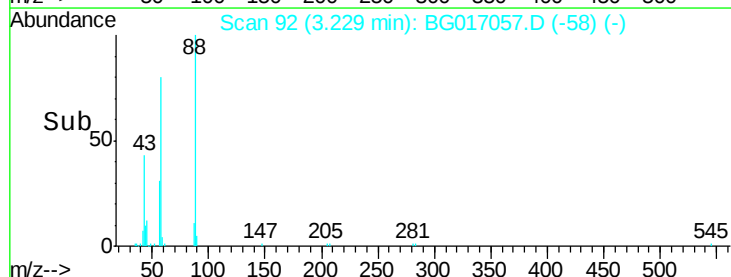
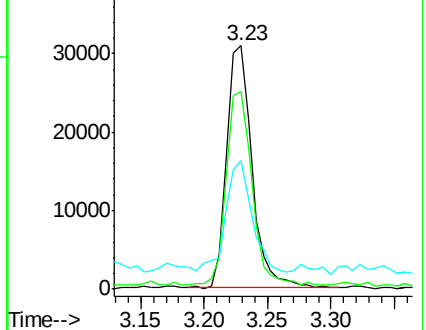
43 46.6 1.3 1.9#



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: 34.54 ng

RT: 3.62 min Scan# 159

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

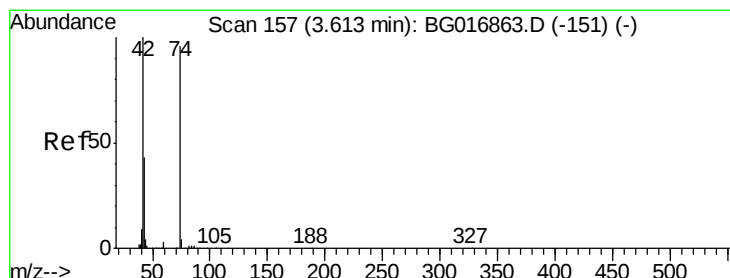
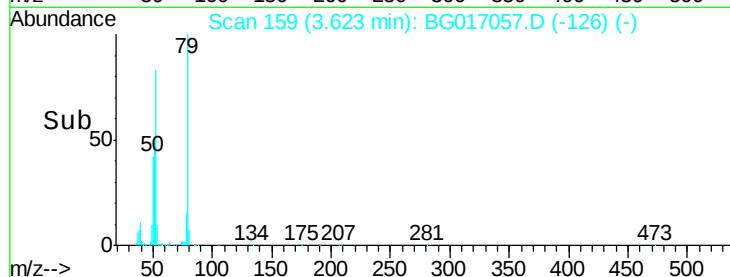
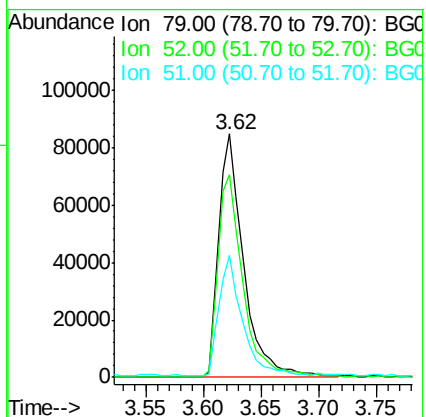
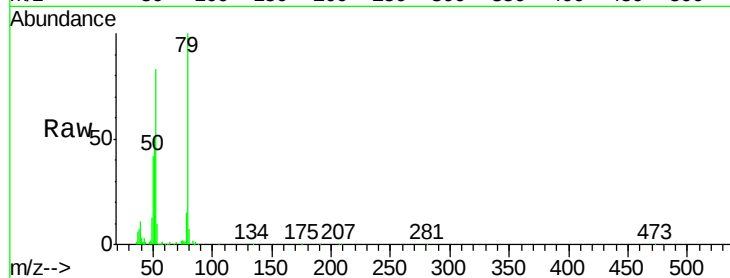
Tgt Ion: 79 Resp: 126748

Ion Ratio Lower Upper

79 100

52 83.5 68.5 102.7

51 50.0 37.8 56.8



#4

n-Nitrosodimethylamine

Concen: 43.21 ng

RT: 3.54 min Scan# 145

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

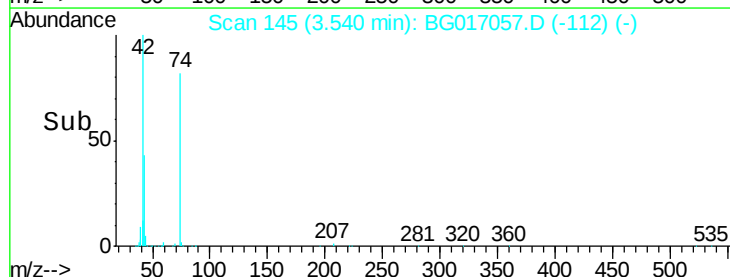
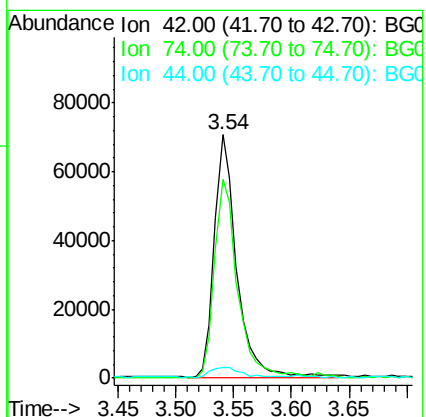
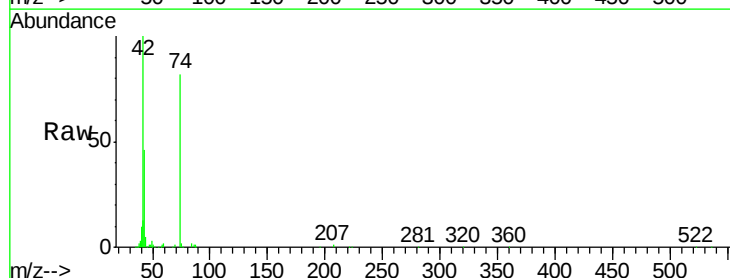
Tgt Ion: 42 Resp: 94654

Ion Ratio Lower Upper

42 100

74 81.8 76.2 114.2

44 4.6 4.9 7.3#





#5

2-Fluorophenol

Concen: 142.01 ng

RT: 5.34 min Scan# 452

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

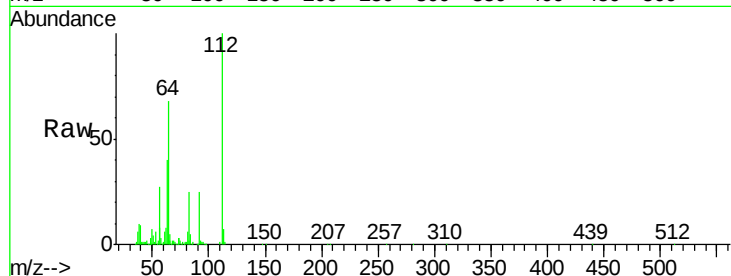
Tgt Ion:112 Resp: 402239

Ion Ratio Lower Upper

112 100

64 68.0 51.4 77.2

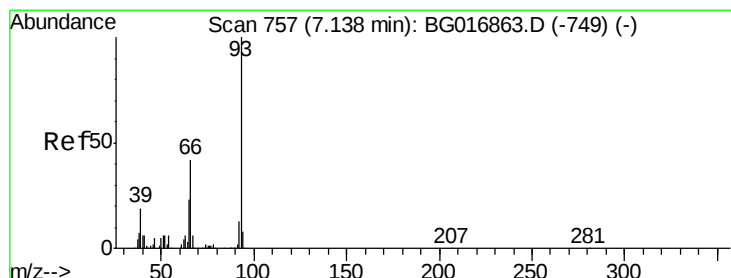
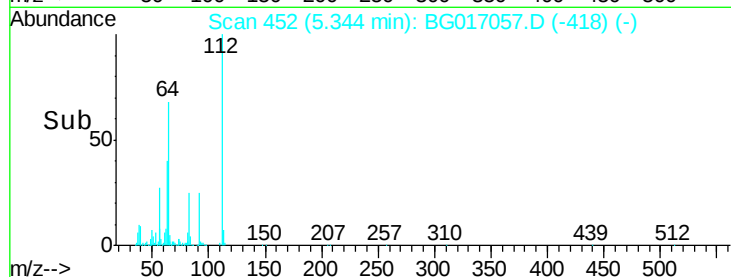
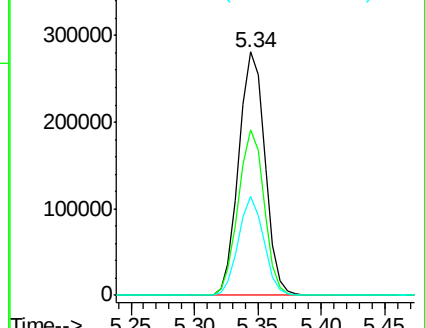
63 40.4 28.1 42.1



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 32.00 ng

RT: 7.08 min Scan# 748

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

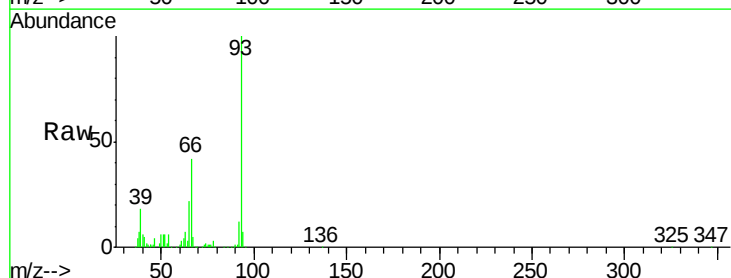
Tgt Ion: 93 Resp: 181845

Ion Ratio Lower Upper

93 100

66 41.5 33.8 50.6

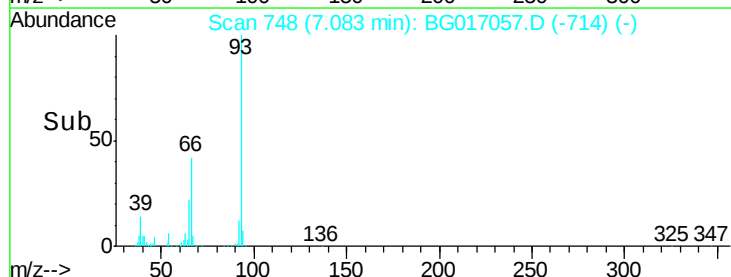
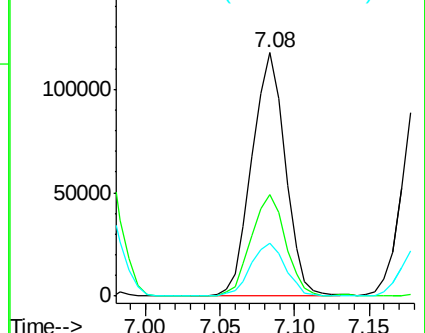
65 21.9 18.7 28.1

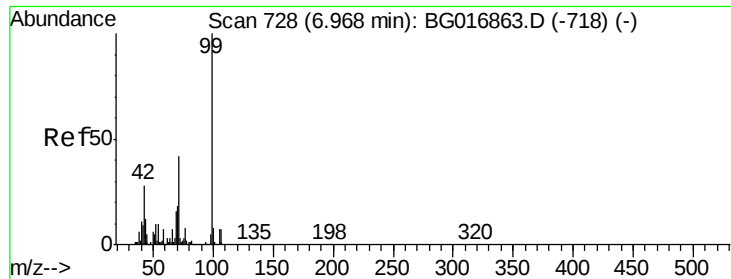


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.27 ng

RT: 6.95 min Scan# 725

Delta R.T. 0.00 min

Lab File: BG017057.D

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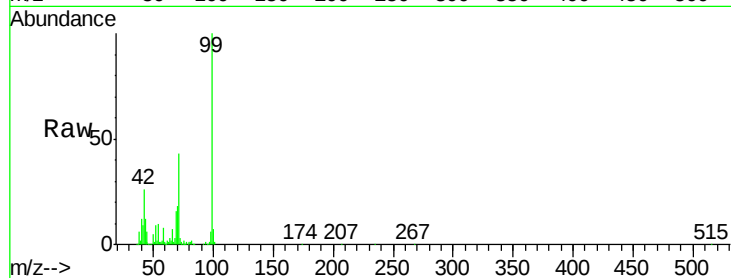
Tgt Ion: 99 Resp: 563590

Ion Ratio Lower Upper

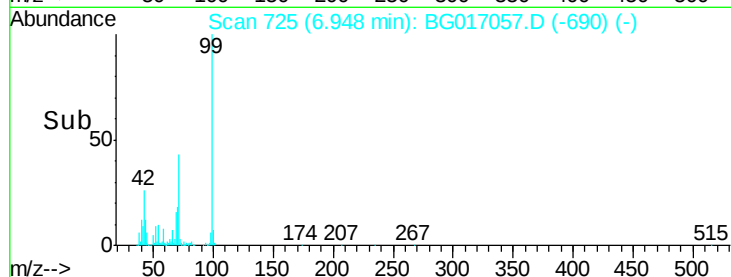
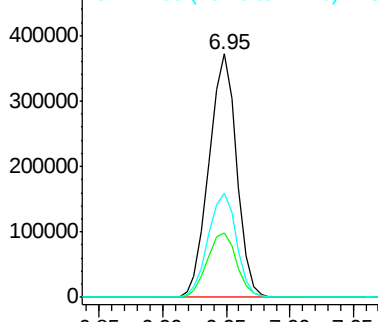
99 100

42 26.5 22.1 33.1

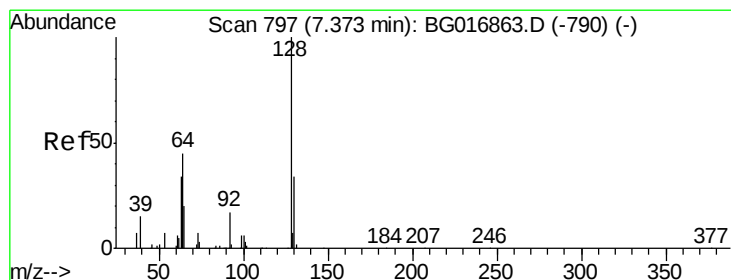
71 42.9 33.4 50.0



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



Time-->



#8

2-Chlorophenol

Concen: 45.67 ng

RT: 7.32 min Scan# 789

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

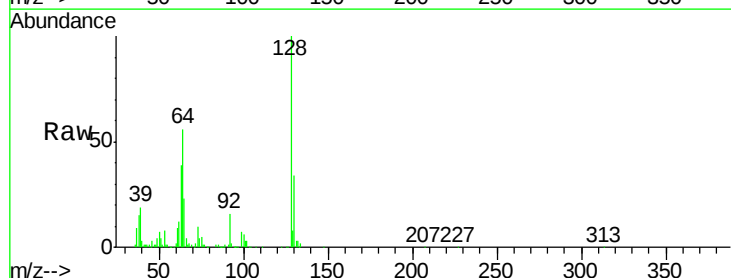
Tgt Ion: 128 Resp: 149852

Ion Ratio Lower Upper

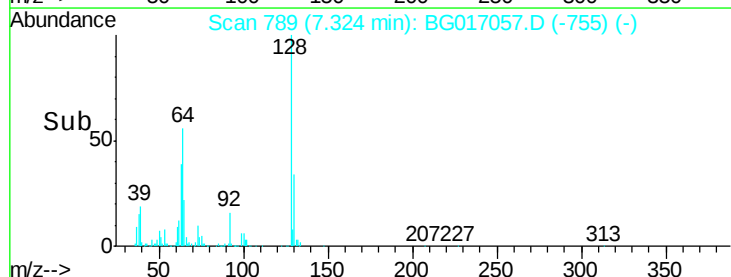
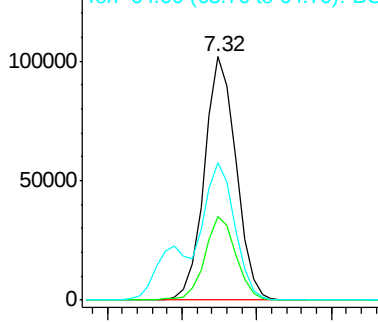
128 100

130 34.2 14.4 54.4

64 56.3 38.4 78.4



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



Time-->



#9

Benzaldehyde

Concen: 28.84 ng

RT: 6.90 min Scan# 716

Delta R.T. -0.00 min

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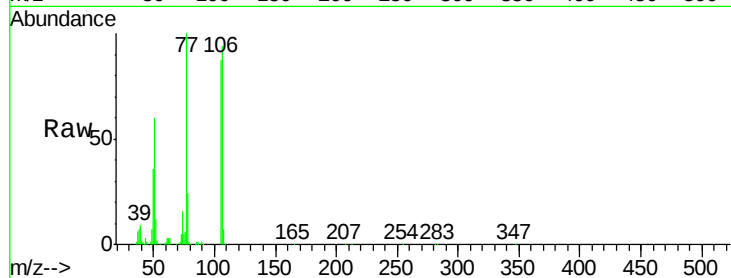
Tgt Ion: 77 Resp: 87138

Ion Ratio Lower Upper

77 100

105 86.7 71.6 111.6

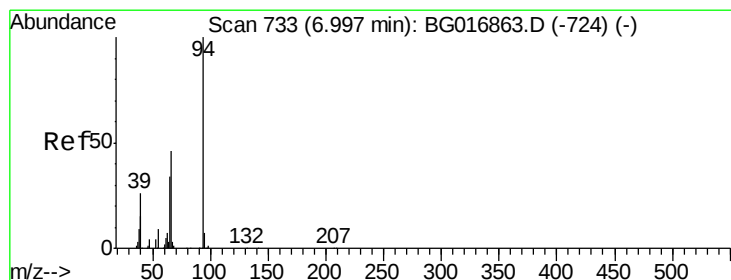
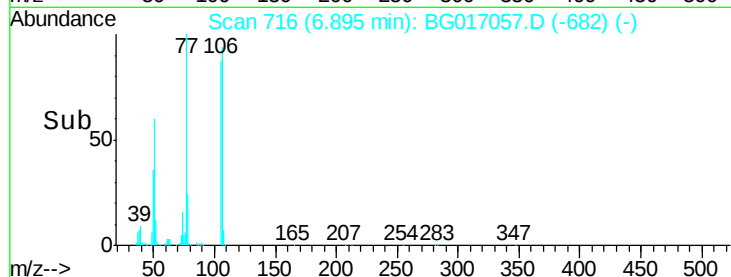
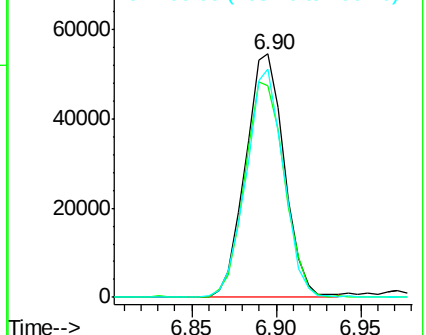
106 94.0 71.5 111.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 46.96 ng

RT: 6.97 min Scan# 729

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

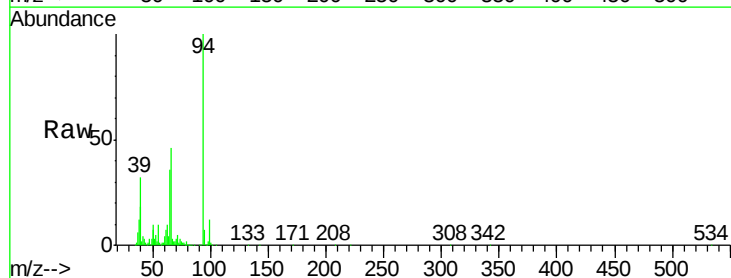
Tgt Ion: 94 Resp: 203772

Ion Ratio Lower Upper

94 100

65 35.5 14.3 54.3

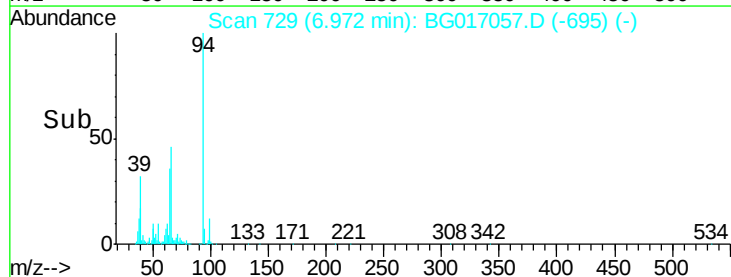
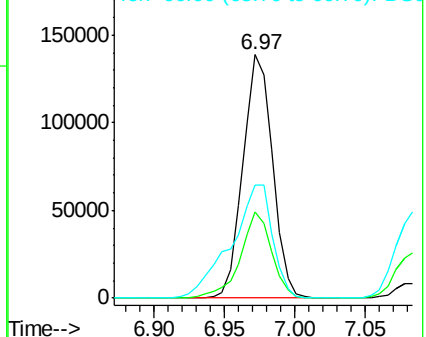
66 46.4 26.9 66.9

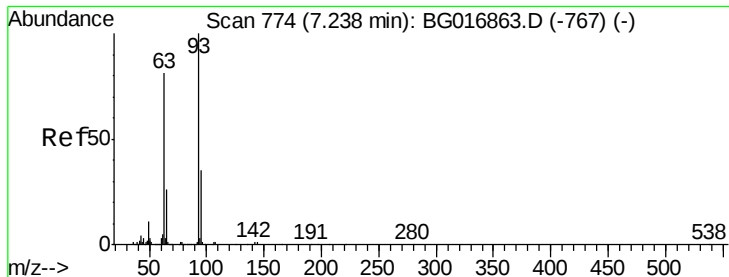


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

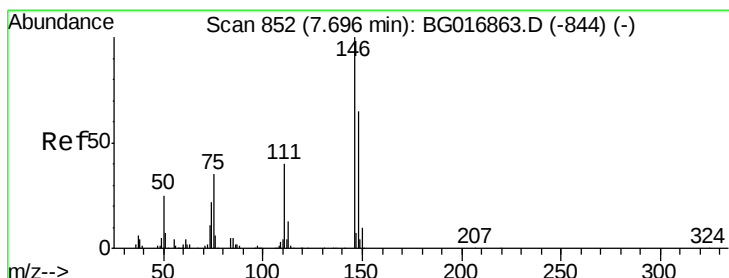
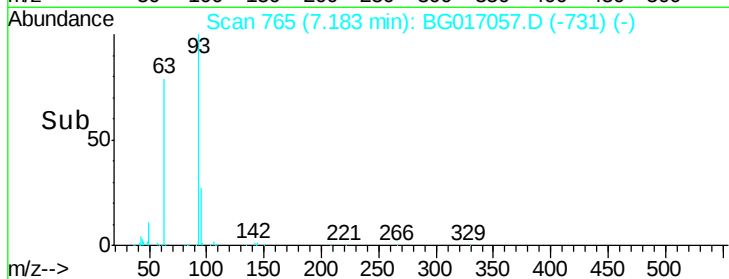
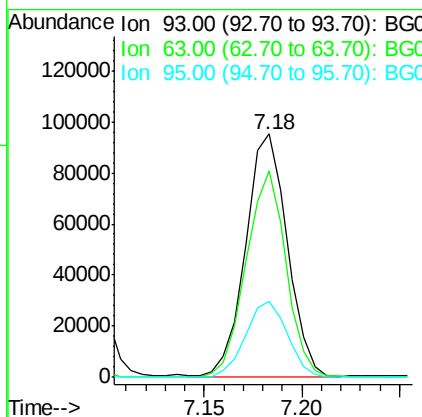
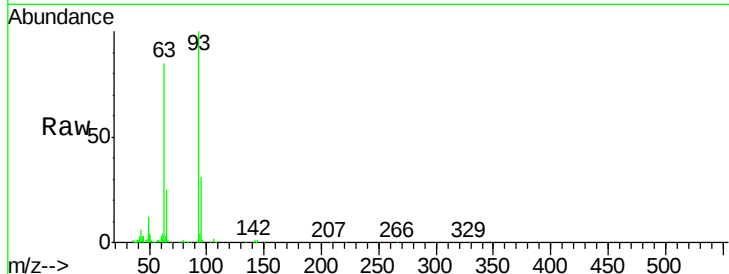




#11  
bis(2-Chloroethyl)ether  
Concen: 41.74 ng  
RT: 7.18 min Scan# 765  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

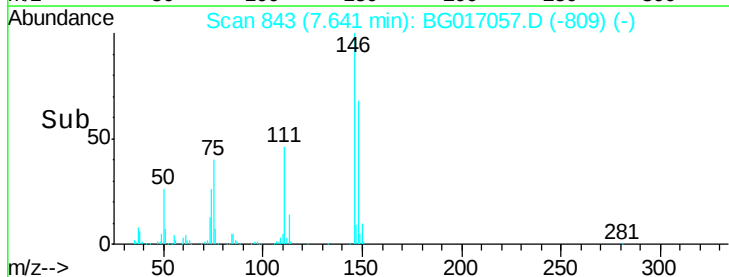
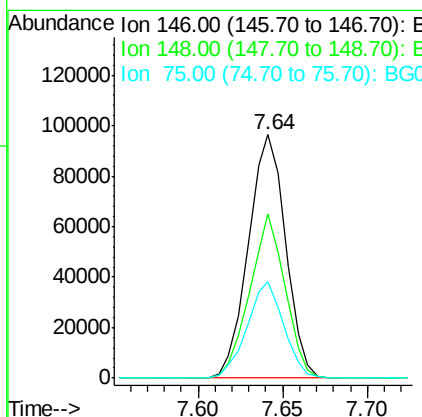
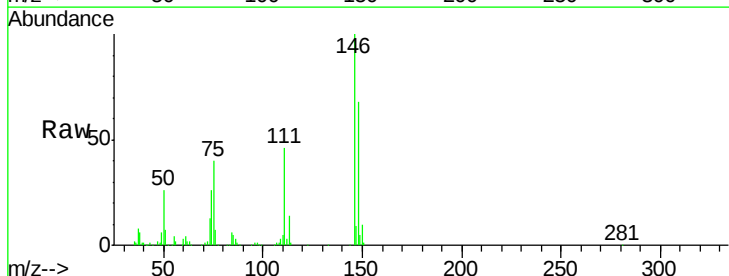
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

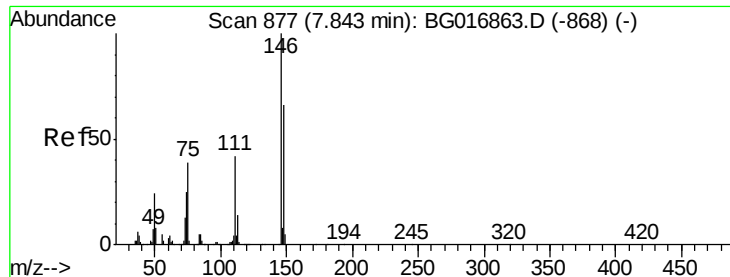
Tgt Ion: 93 Resp: 140069  
Ion Ratio Lower Upper  
93 100  
63 84.9 61.2 101.2  
95 31.1 15.0 55.0



#12  
1,3-Dichlorobenzene  
Concen: 40.80 ng  
RT: 7.64 min Scan# 843  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion: 146 Resp: 147646  
Ion Ratio Lower Upper  
146 100  
148 67.6 51.9 77.9  
75 39.9 28.2 42.2

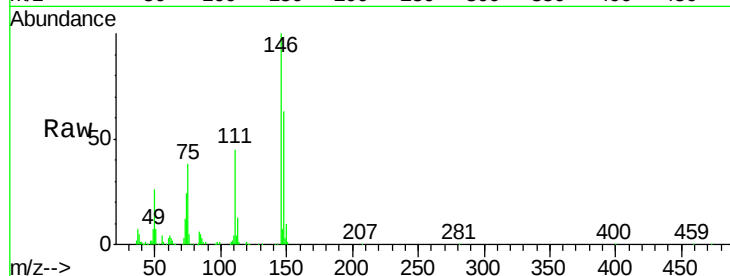




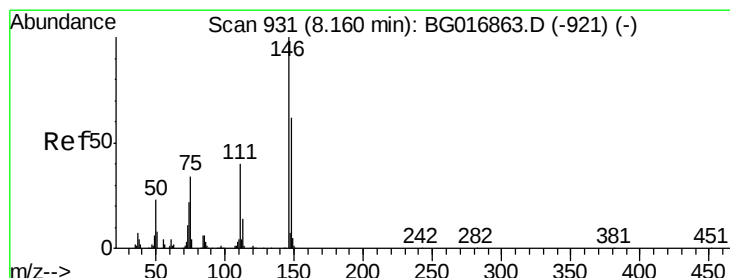
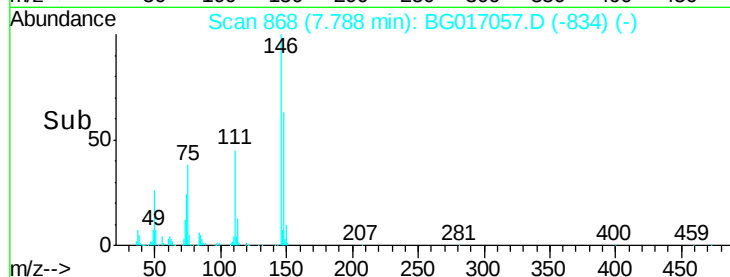
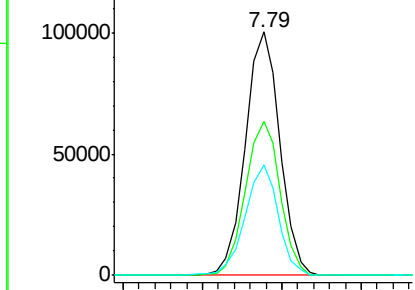
#13  
 1,4-Dichlorobenzene  
 Concen: 41.27 ng  
 RT: 7.79 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

Tgt Ion:146 Resp: 151272  
 Ion Ratio Lower Upper  
 146 100  
 148 63.3 52.8 79.2  
 111 45.3 33.9 50.9

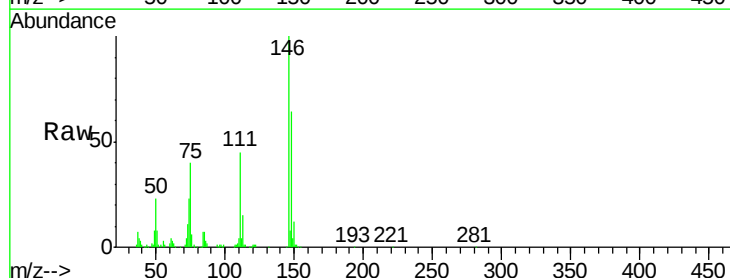


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

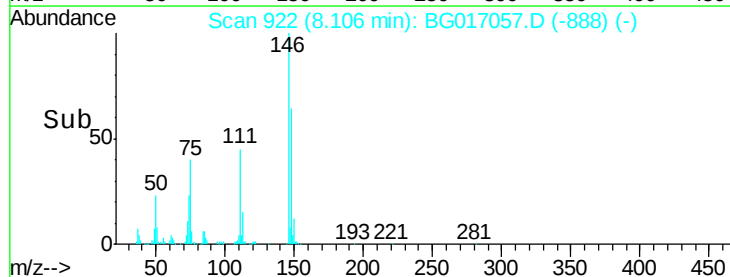
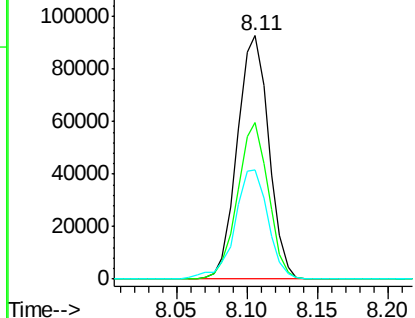


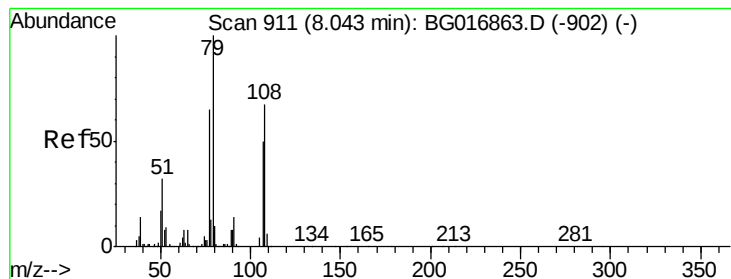
#14  
 1,2-Dichlorobenzene  
 Concen: 41.24 ng  
 RT: 8.11 min Scan# 922  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Tgt Ion:146 Resp: 145043  
 Ion Ratio Lower Upper  
 146 100  
 148 64.2 49.9 74.9  
 111 44.7 32.1 48.1



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





#15

Benzyl Alcohol

Concen: 43.82 ng

RT: 8.00 min Scan# 904

Delta R.T. 0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

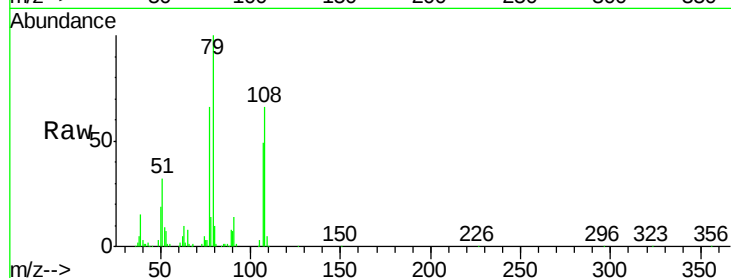
Tgt Ion: 79 Resp: 161940

Ion Ratio Lower Upper

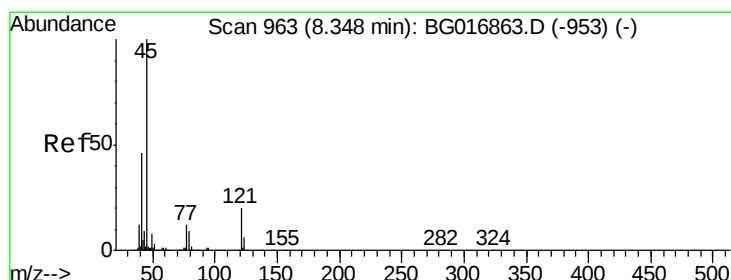
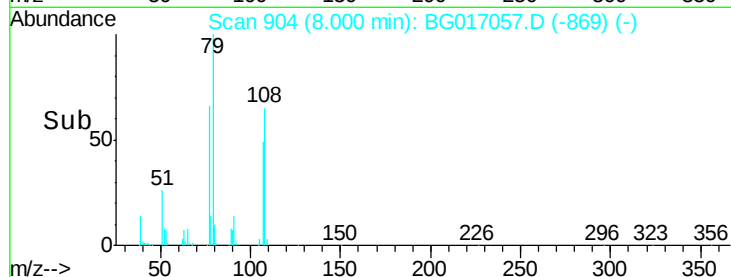
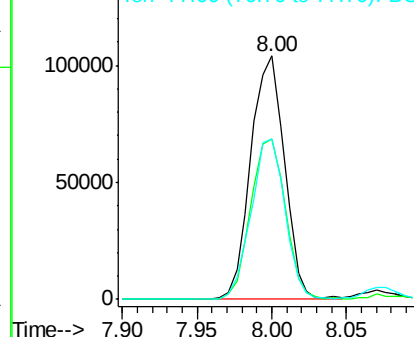
79 100

108 66.1 53.4 80.2

77 66.0 52.2 78.2



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: 37.75 ng

RT: 8.29 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

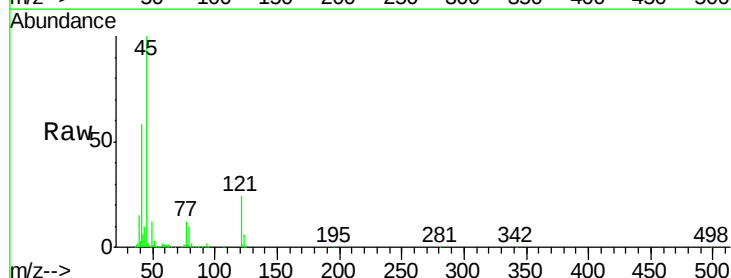
Tgt Ion: 45 Resp: 234448

Ion Ratio Lower Upper

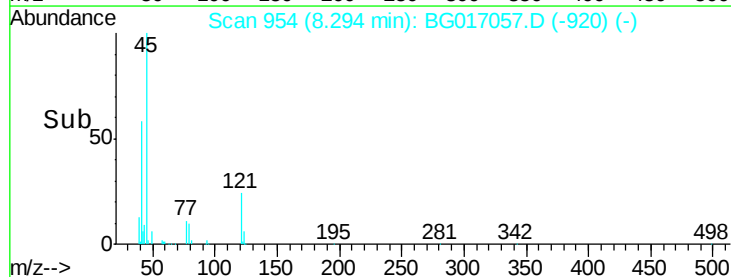
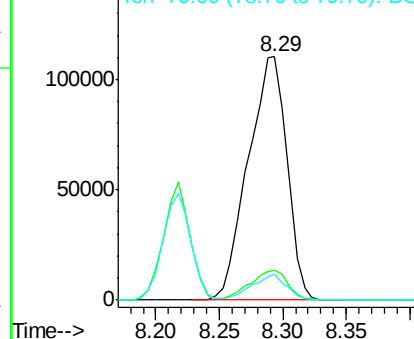
45 100

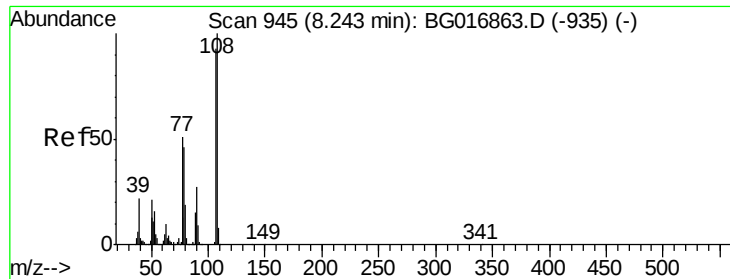
77 12.0 0.0 31.8

79 10.5 0.0 29.1



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

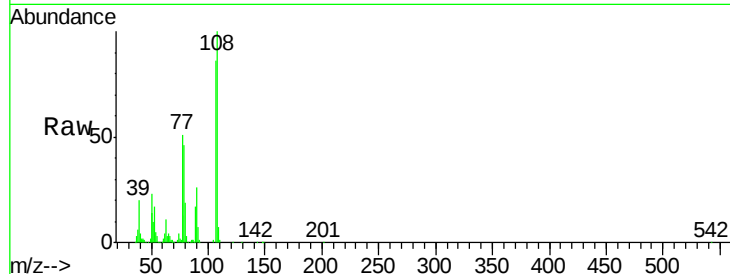




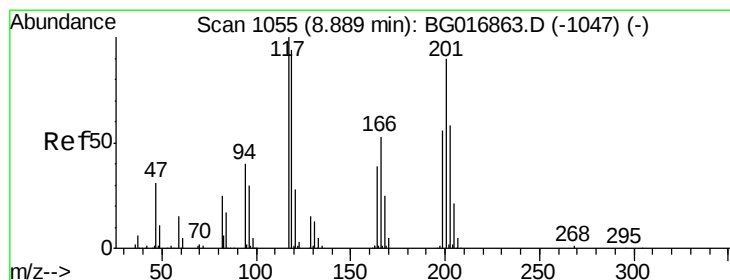
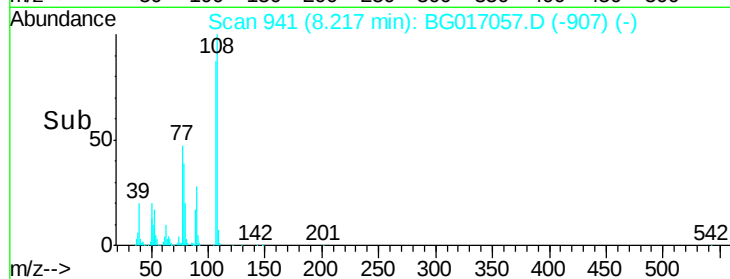
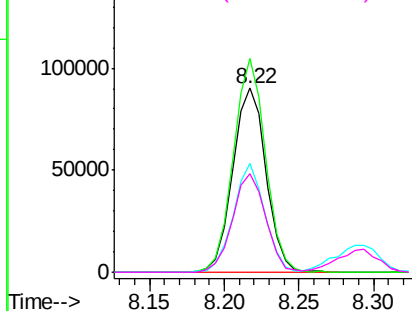
#17  
 2-Methylphenol  
 Concen: 45.79 ng  
 RT: 8.22 min Scan# 941  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 139921 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 116.0 | 85.9  | 128.9  |
| 77       | 59.3  | 43.8  | 65.6   |
| 79       | 53.3  | 39.8  | 59.6   |

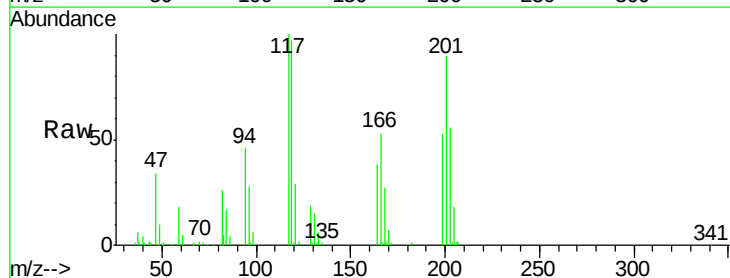


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 108.00 (107.70 to 108.70): E  
 Ion 77.00 (76.70 to 77.70): BG  
 Ion 79.00 (78.70 to 79.70): BG

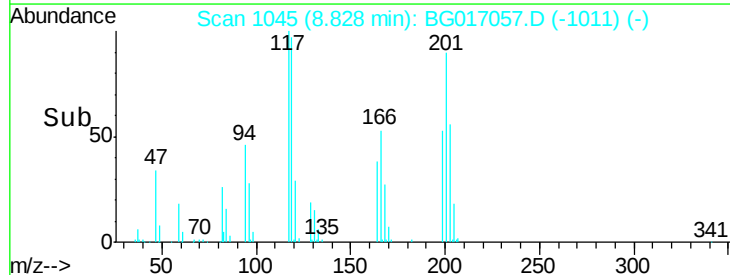
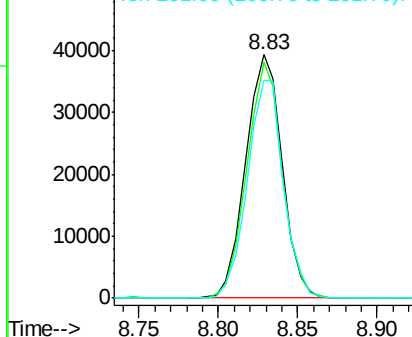


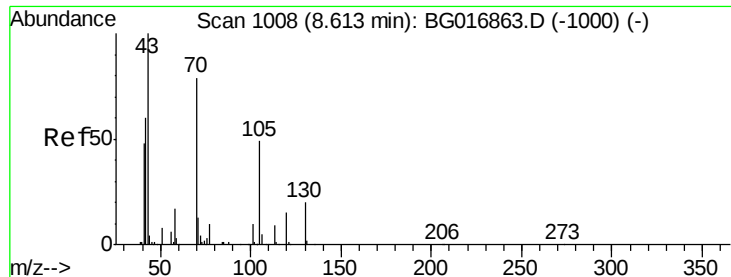
#18  
 Hexachloroethane  
 Concen: 41.68 ng  
 RT: 8.83 min Scan# 1045  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 62791 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 96.7  | 74.8  | 112.2 |
| 201      | 89.7  | 72.1  | 108.1 |



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

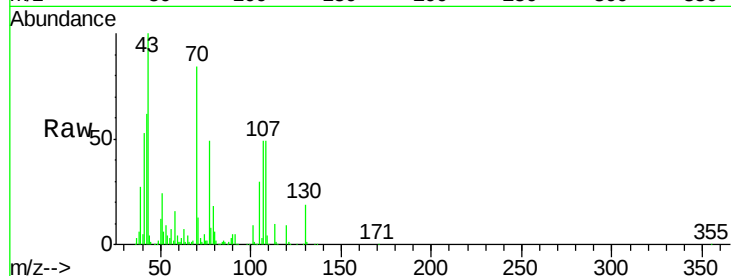




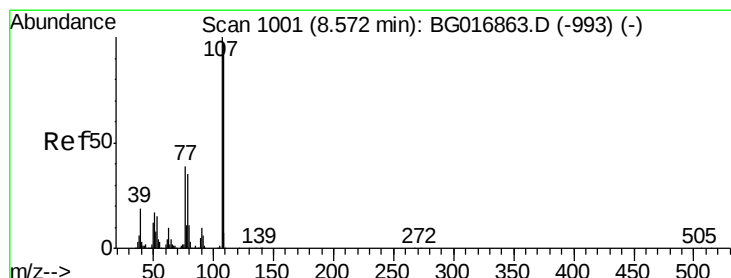
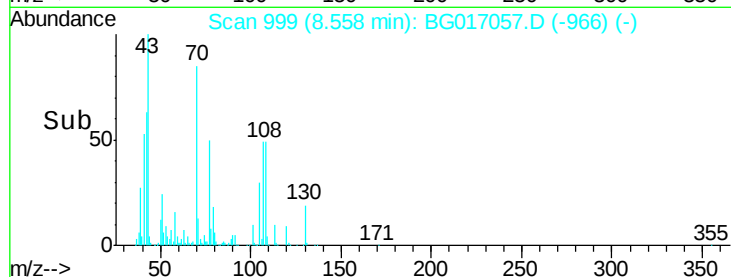
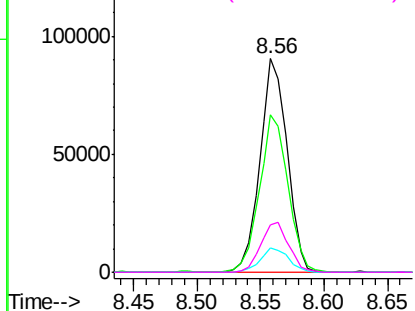
#19  
 n-Nitroso-di-n-propylamine  
 Concen: 38.23 ng  
 RT: 8.56 min Scan# 999  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Instrument :  
 BNA\_G  
 ClientSampled :  
 PS-26(3-5)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 135647 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 73.8  | 61.5  | 92.3   |
| 101      | 11.2  | 9.8   | 14.6   |
| 130      | 22.5  | 20.2  | 30.4   |

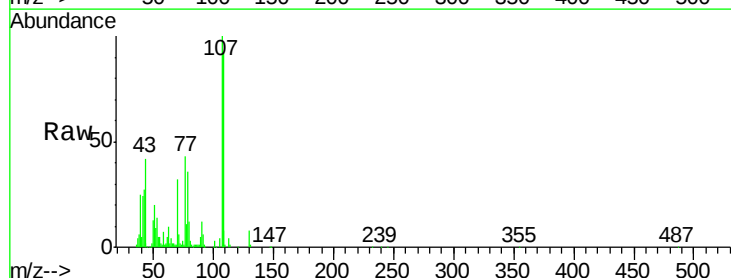


Abundance Ion 70.00 (69.70 to 70.70): BGC  
 Ion 42.00 (41.70 to 42.70): BGC  
 Ion 101.00 (100.70 to 101.70): BGC  
 Ion 130.00 (129.70 to 130.70): BGC

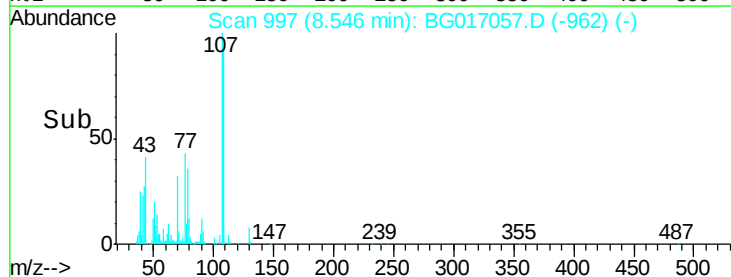
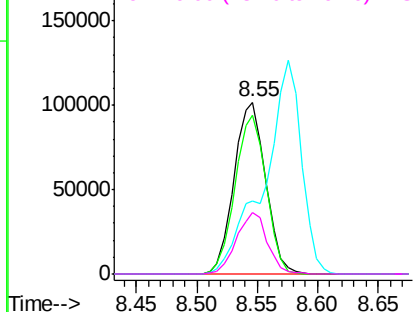


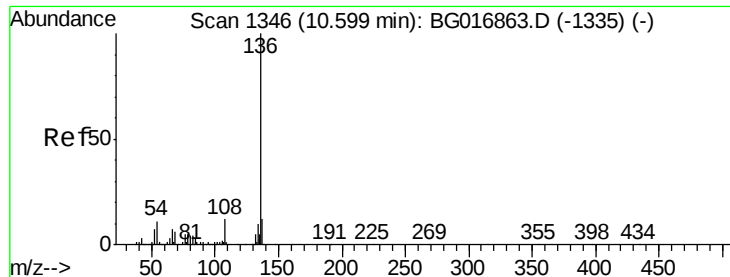
#20  
 3+4-Methylphenols  
 Concen: 44.03 ng  
 RT: 8.55 min Scan# 997  
 Delta R.T. 0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 185420 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 92.3  | 76.6  | 116.6  |
| 77       | 42.7  | 19.0  | 59.0   |
| 79       | 36.0  | 15.0  | 55.0   |



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

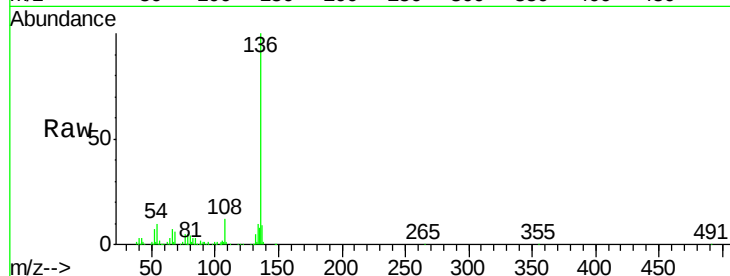




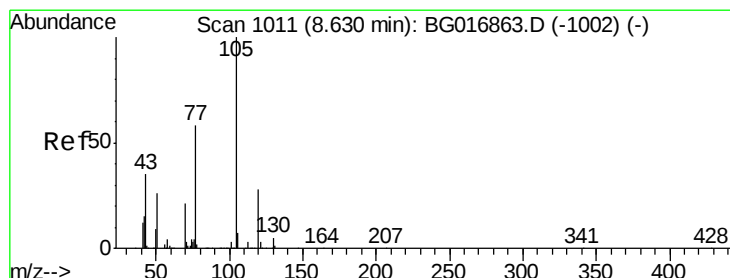
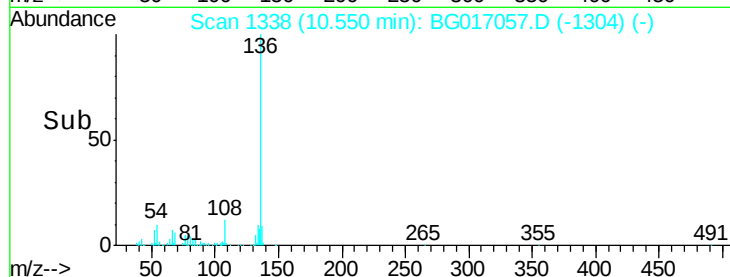
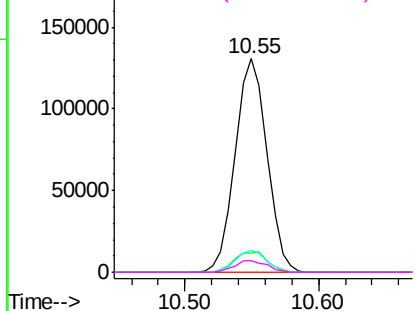
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.55 min Scan# 1338  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 136   | Resp: | 215957 |
| Ion Ratio | Lower | Upper |        |
| 136       | 100   |       |        |
| 137       | 9.3   | 9.8   | 14.8#  |
| 54        | 10.1  | 8.7   | 13.1   |
| 68        | 5.6   | 5.0   | 7.4    |

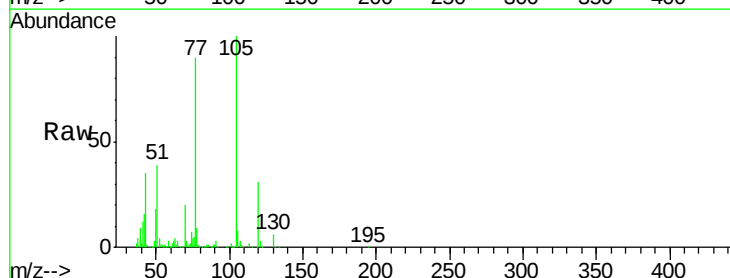


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

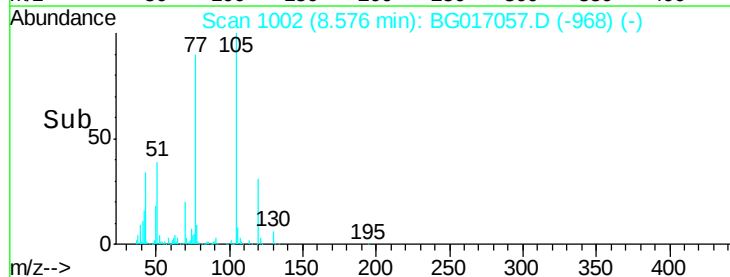
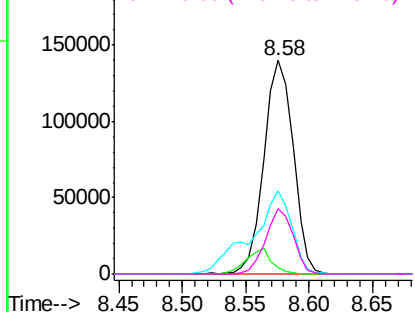


#22  
Acetophenone  
Concen: 43.92 ng  
RT: 8.58 min Scan# 1002  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 225891 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 71        | 3.3   | 2.8   | 4.2    |
| 51        | 39.2  | 29.4  | 44.2   |
| 120       | 30.6  | 22.2  | 33.4   |



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

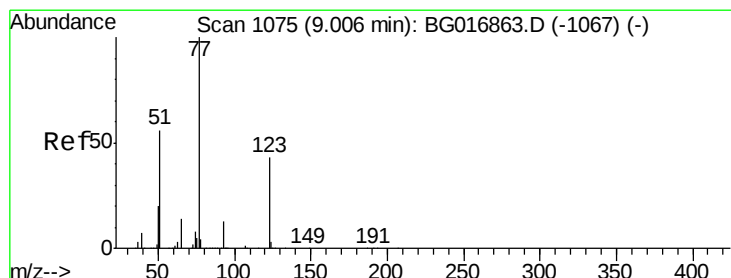
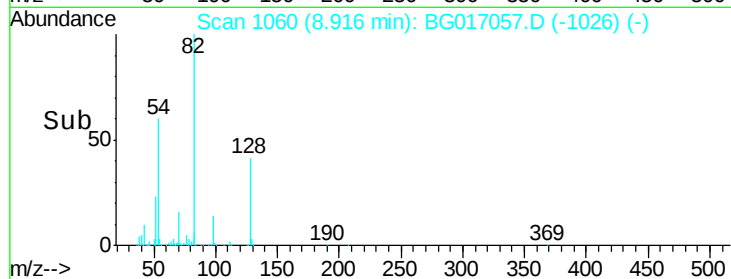
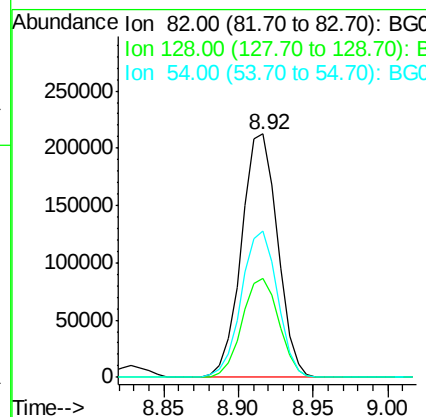
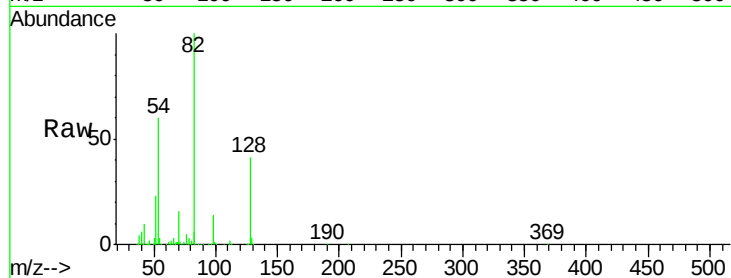




#23  
 Nitrobenzene-d5  
 Concen: 80.68 ng  
 RT: 8.92 min Scan# 1060  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

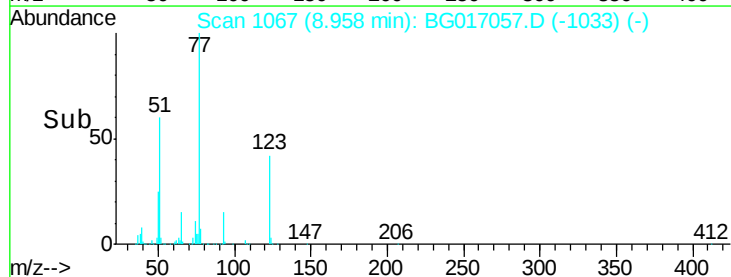
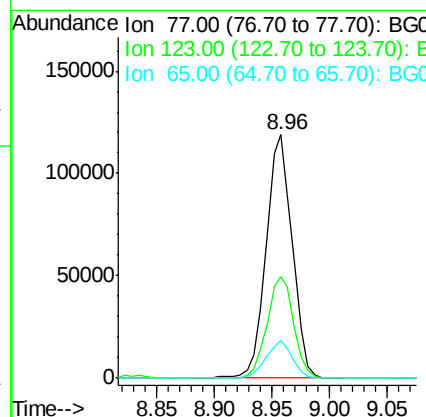
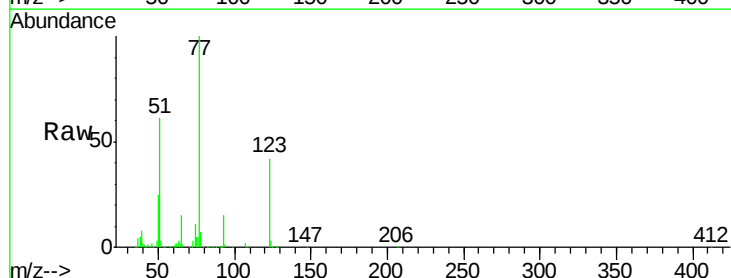
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

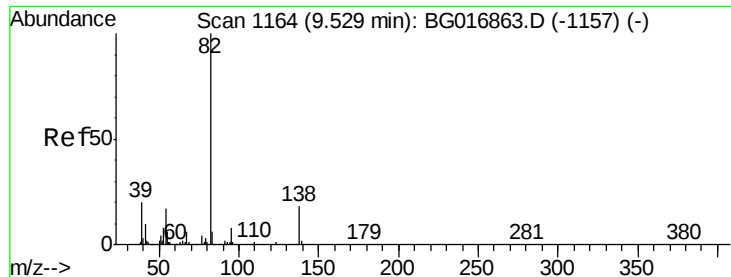
Tgt Ion: 82 Resp: 356642  
 Ion Ratio Lower Upper  
 82 100  
 128 40.9 33.2 49.8  
 54 60.2 48.6 72.8



#24  
 Nitrobenzene  
 Concen: 42.08 ng  
 RT: 8.96 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Tgt Ion: 77 Resp: 187838  
 Ion Ratio Lower Upper  
 77 100  
 123 41.8 34.0 51.0  
 65 15.5 11.2 16.8





#25

Isophorone

Concen: 39.54 ng

RT: 9.48 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

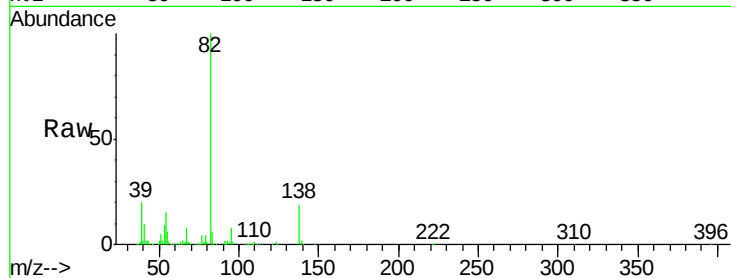
Tgt Ion: 82 Resp: 352904

Ion Ratio Lower Upper

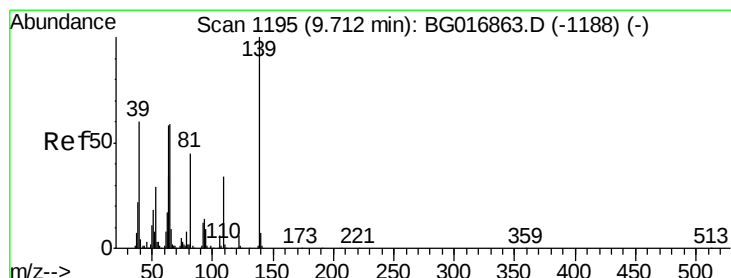
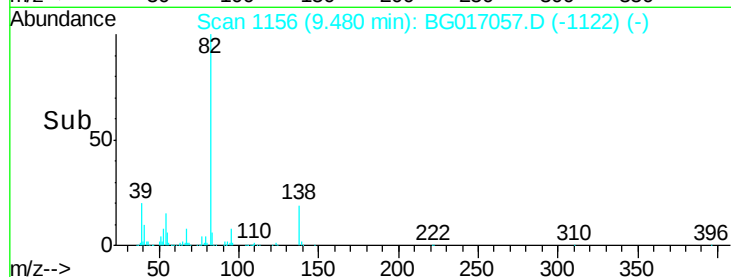
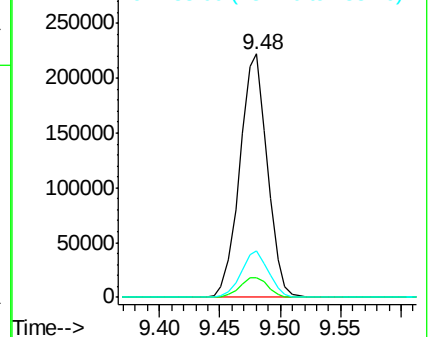
82 100

95 7.9 6.7 10.1

138 19.0 14.7 22.1



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: 47.58 ng

RT: 9.66 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

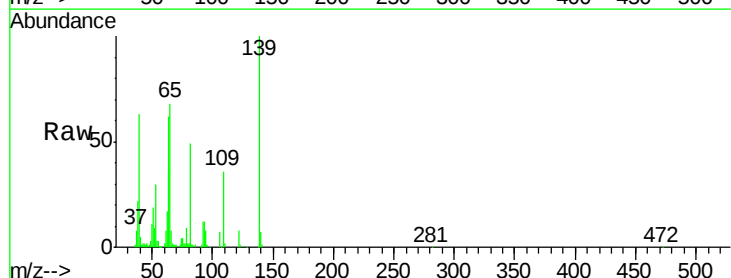
Tgt Ion: 139 Resp: 86489

Ion Ratio Lower Upper

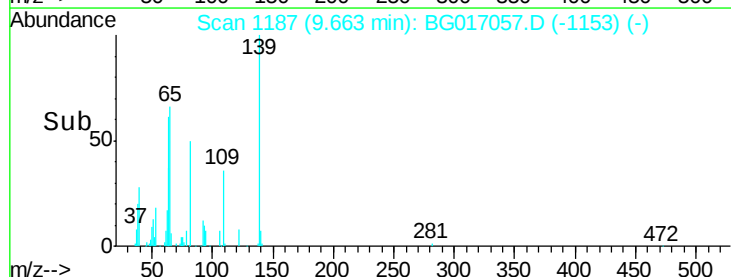
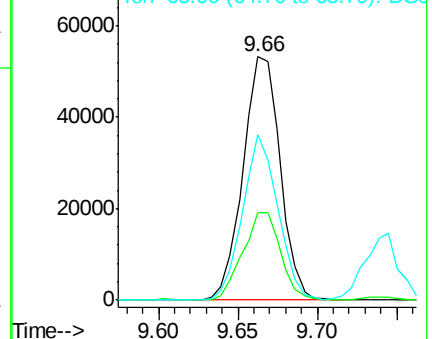
139 100

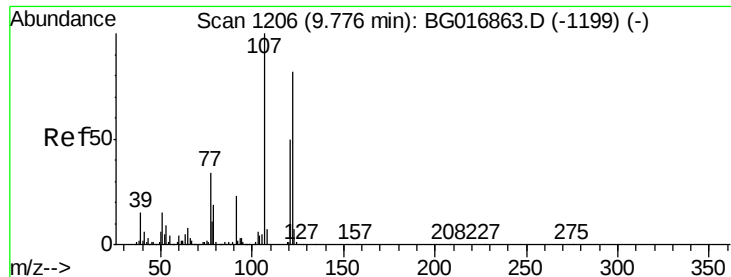
109 35.7 27.4 41.2

65 67.9 47.1 70.7



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

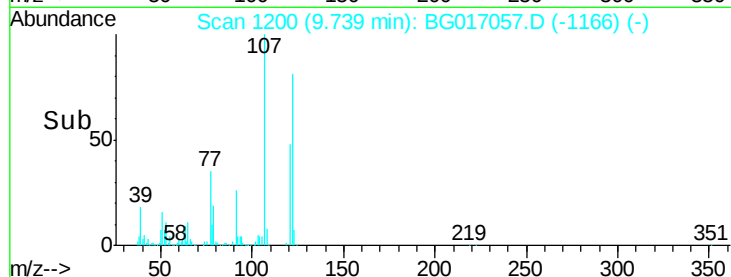
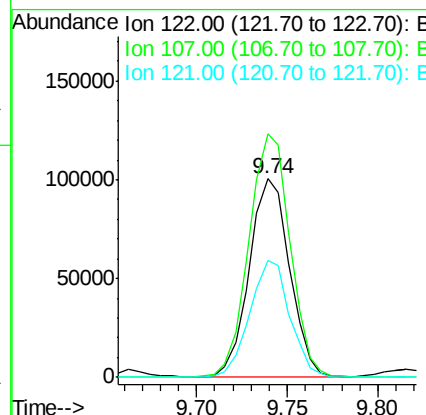
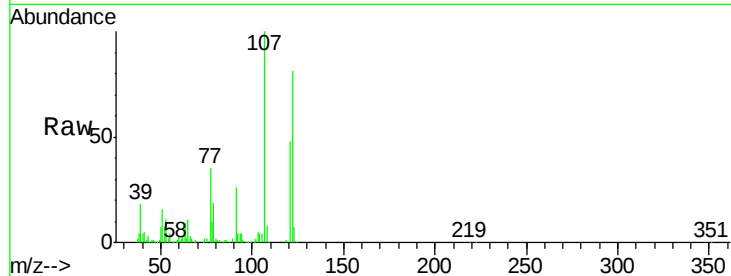




#27  
 2,4-Dimethylphenol  
 Concen: 47.47 ng  
 RT: 9.74 min Scan# 1200  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

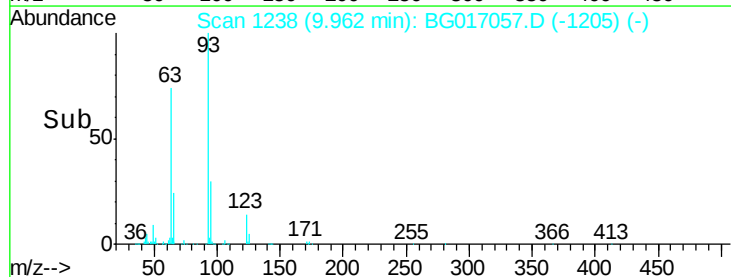
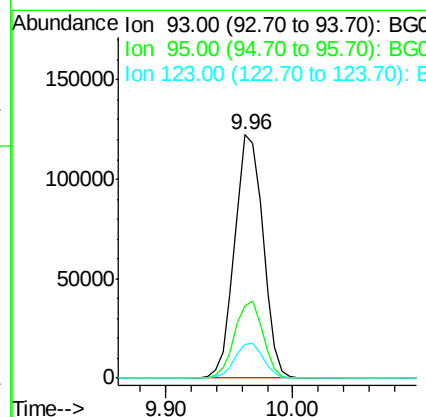
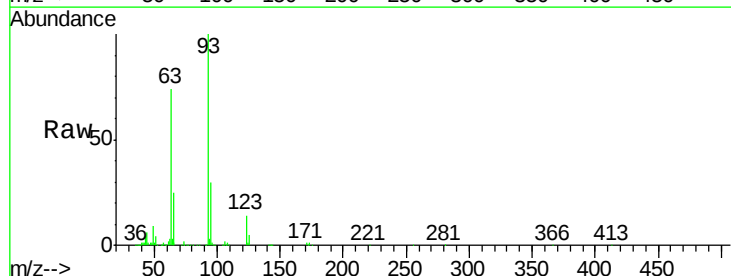
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

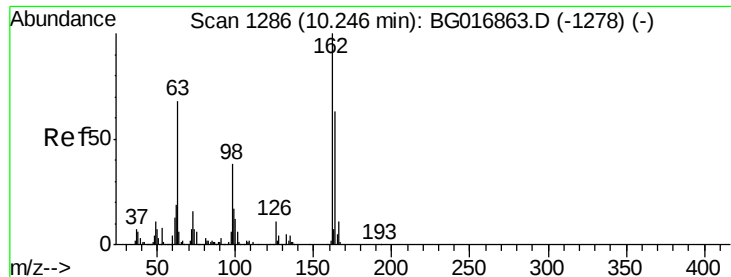
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 122.8 | 97.6  | 146.4 |
| 121     | 58.9  | 48.4  | 72.6  |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 41.86 ng  
 RT: 9.96 min Scan# 1238  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 29.5  | 24.8  | 37.2  |
| 123     | 13.8  | 12.6  | 19.0  |

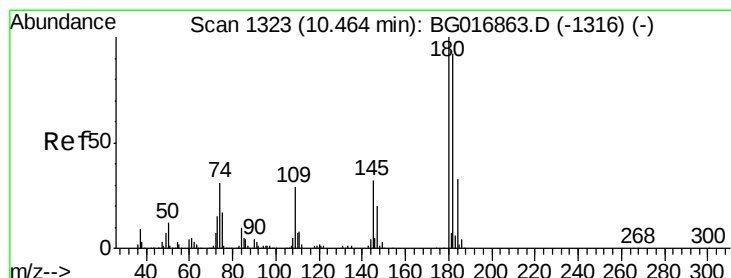
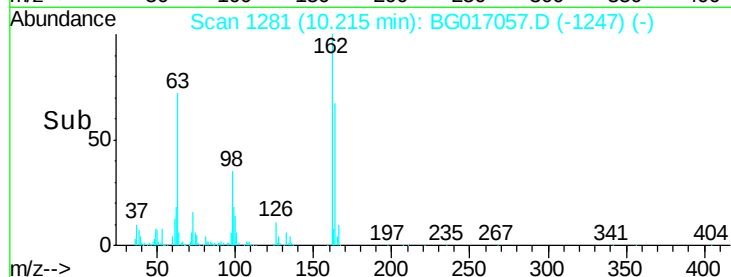
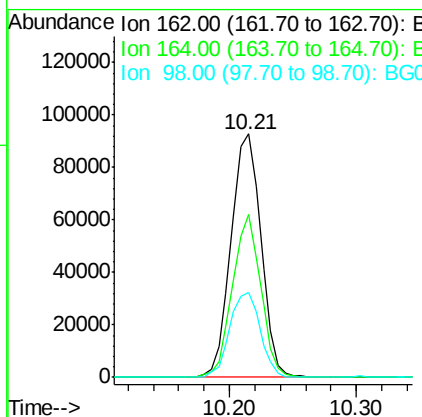
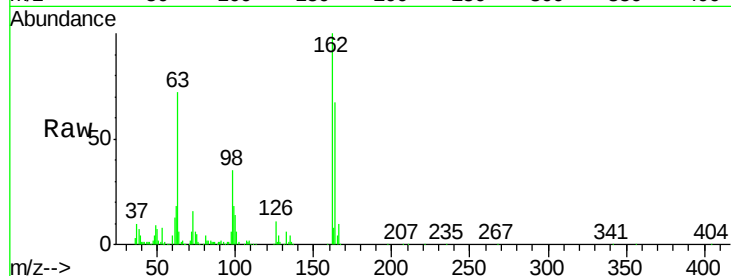




#29  
2,4-Dichlorophenol  
Concen: 48.78 ng  
RT: 10.21 min Scan# 1281  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

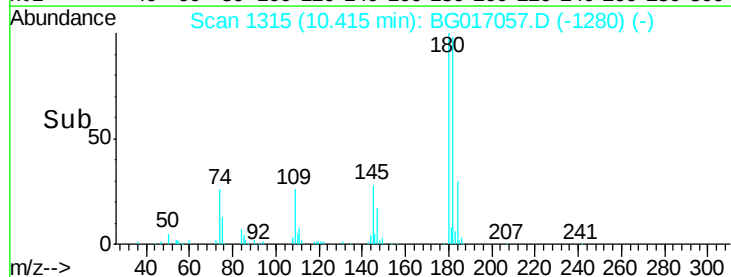
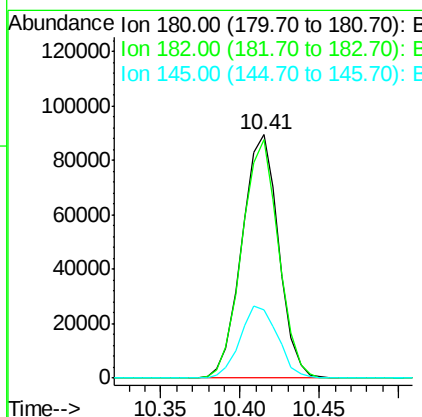
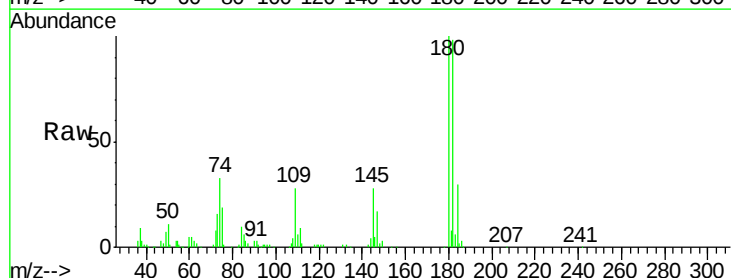
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

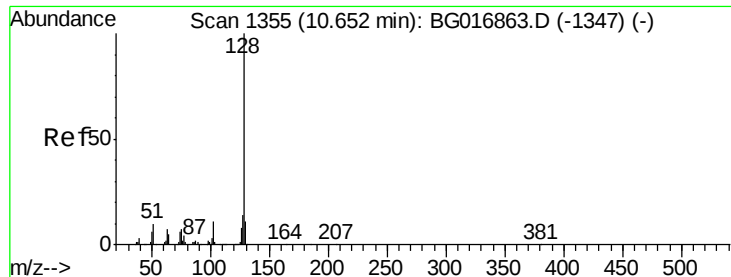
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 66.8  | 42.9  | 82.9  |
| 98      | 34.6  | 18.4  | 58.4  |



#30  
1,2,4-Trichlorobenzene  
Concen: 43.47 ng  
RT: 10.41 min Scan# 1315  
Delta R.T. 0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 98.1  | 73.8  | 110.8 |
| 145     | 28.1  | 25.4  | 38.0  |





#31

Naphthalene

Concen: 41.98 ng

RT: 10.60 min Scan# 1346

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

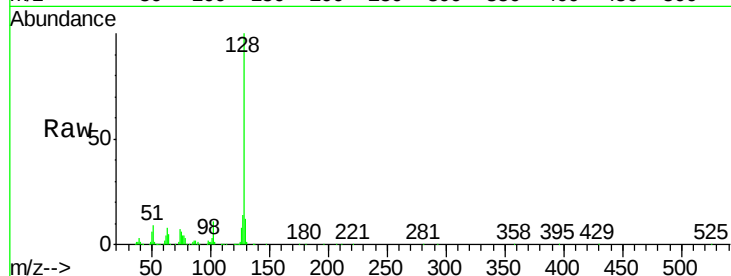
Tgt Ion:128 Resp: 450874

Ion Ratio Lower Upper

128 100

129 11.8 9.1 13.7

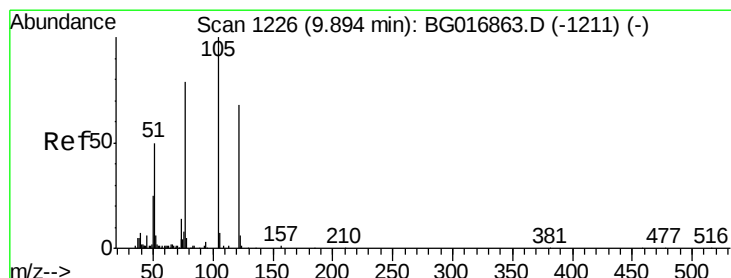
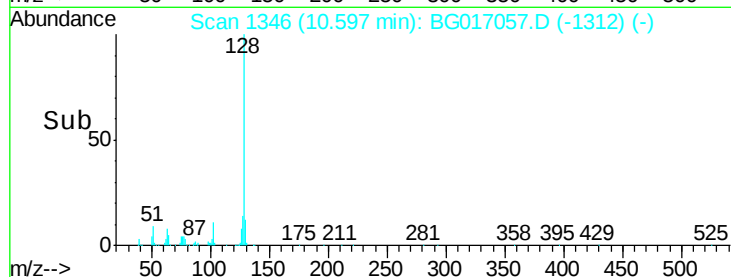
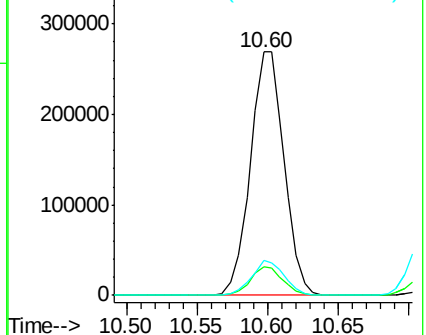
127 14.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 4.89 ng

RT: 9.82 min Scan# 1213

Delta R.T. -0.08 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

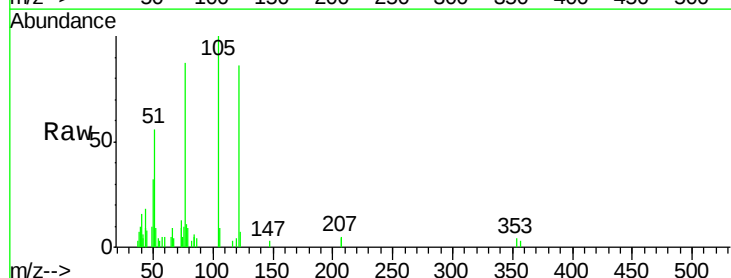
Tgt Ion:122 Resp: 7071

Ion Ratio Lower Upper

122 100

105 116.9 123.2 163.2#

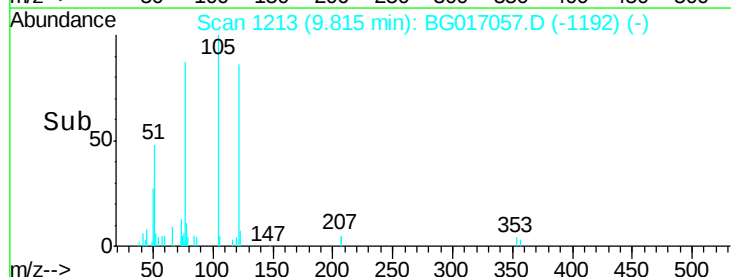
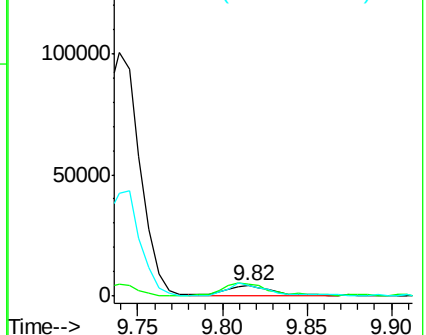
77 101.2 93.0 133.0

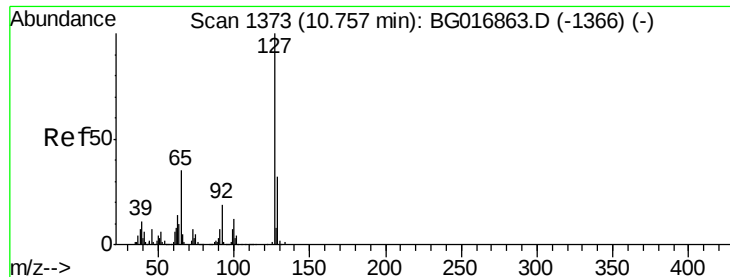


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

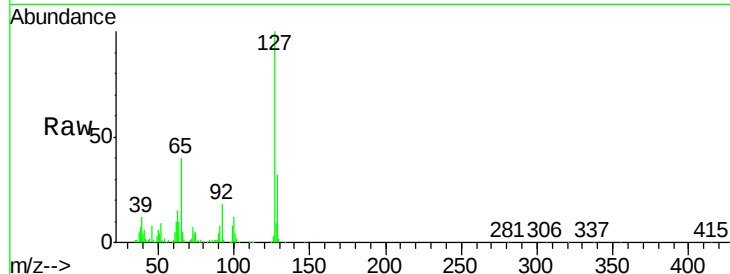




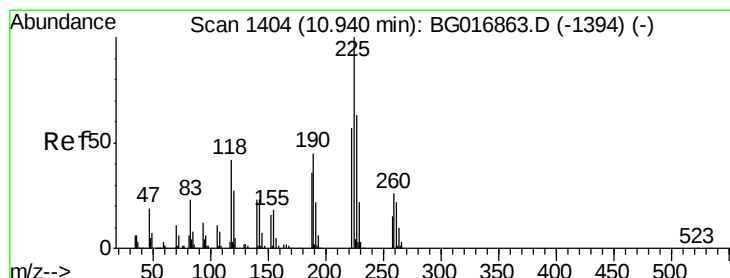
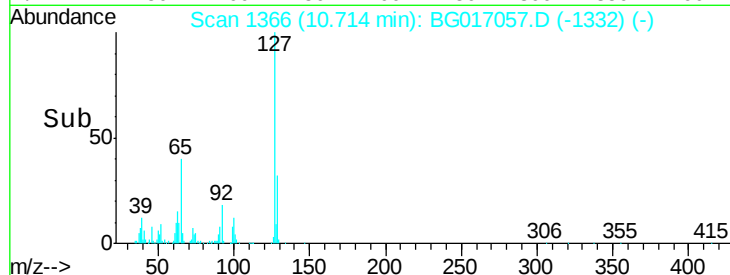
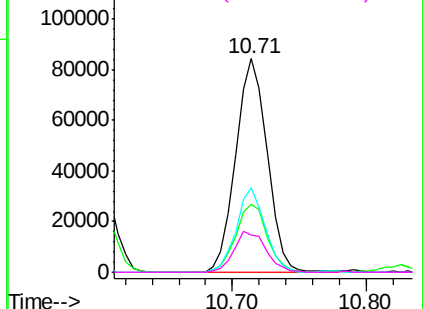
#33  
4-Chloroaniline  
Concen: 27.77 ng  
RT: 10.71 min Scan# 1366  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 137762 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.7  | 25.8  | 38.6   |
| 65       | 39.5  | 28.2  | 42.2   |
| 92       | 17.5  | 15.6  | 23.4   |

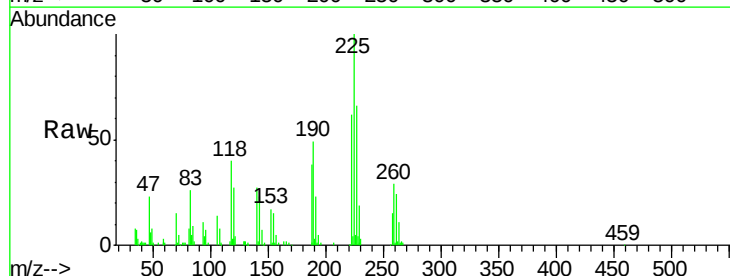


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC

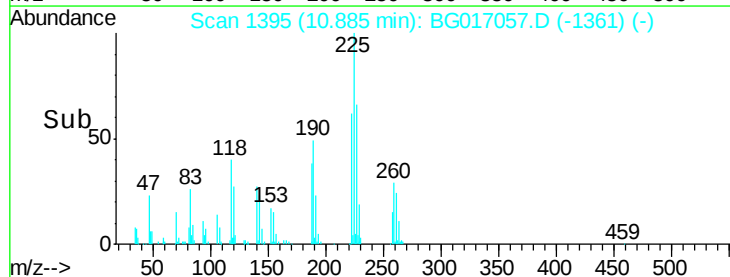
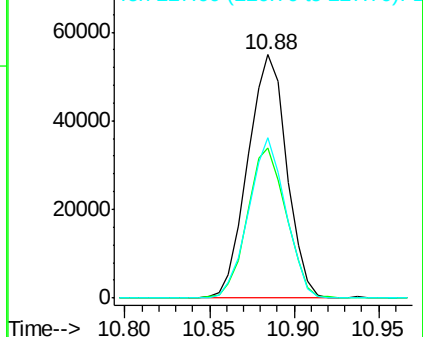


#34  
Hexachlorobutadiene  
Concen: 42.73 ng  
RT: 10.88 min Scan# 1395  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 88126 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.8  | 45.8  | 68.6  |
| 227      | 65.8  | 50.7  | 76.1  |



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: 26.45 ng

RT: 11.48 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

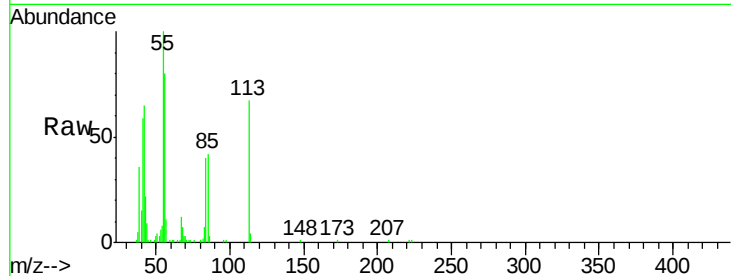
Tgt Ion:113 Resp: 42700

Ion Ratio Lower Upper

113 100

55 149.0 137.1 177.1

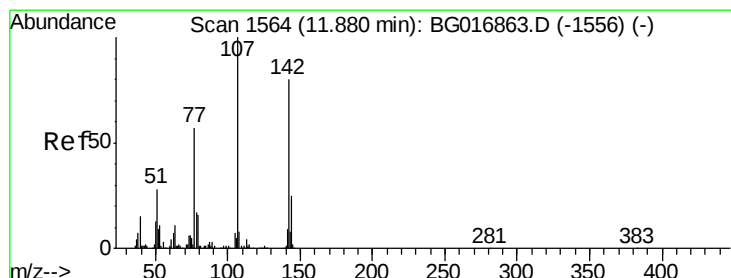
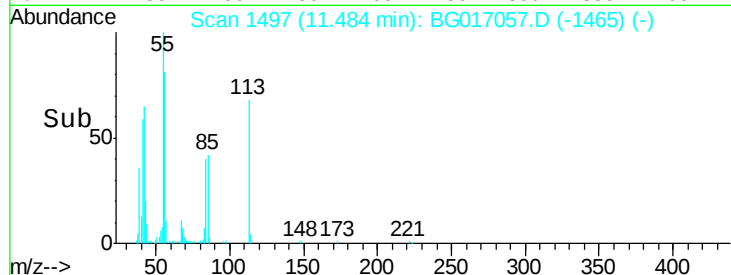
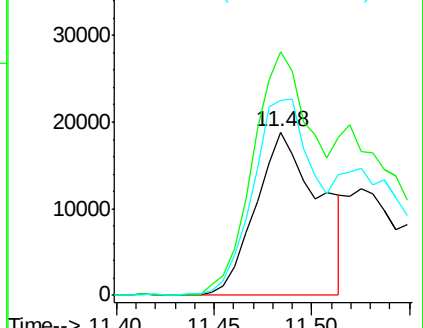
56 119.0 94.3 134.3



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: 46.72 ng

RT: 11.87 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

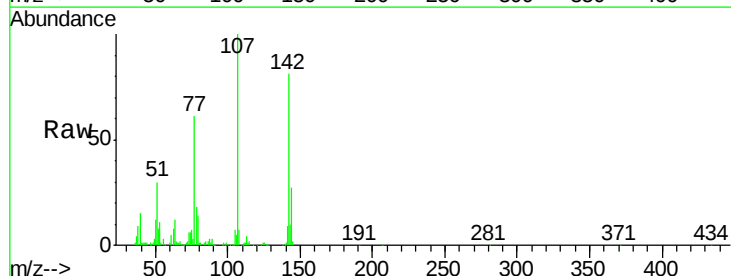
Tgt Ion:107 Resp: 185892

Ion Ratio Lower Upper

107 100

144 26.6 20.2 30.2

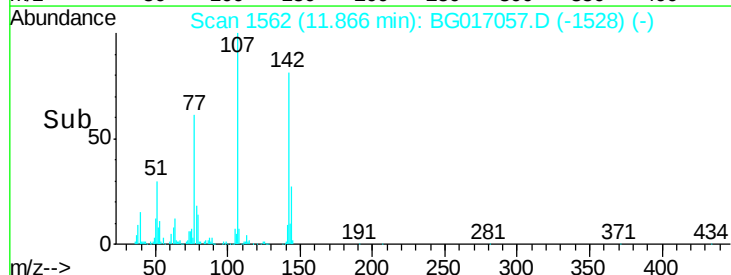
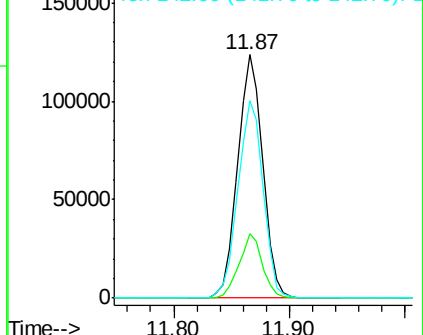
142 81.2 64.2 96.2



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

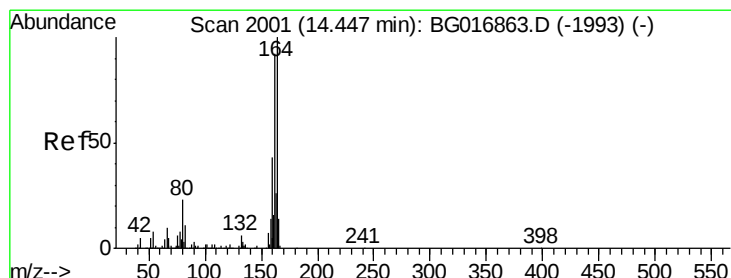
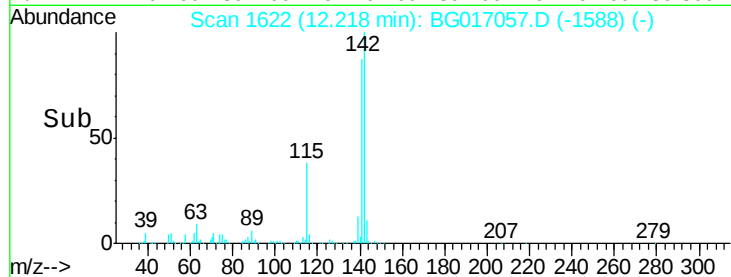
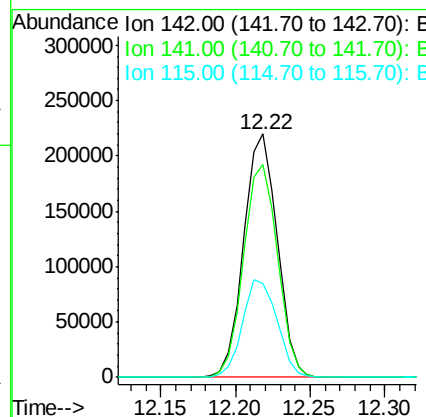
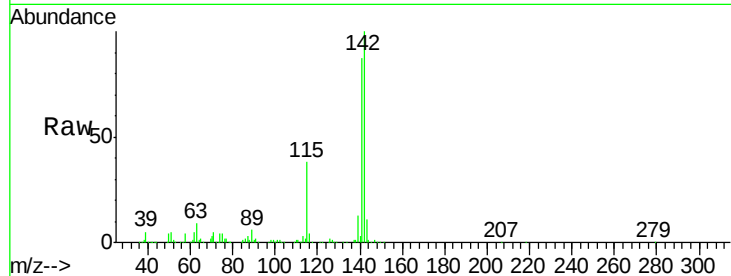




#37  
 2-Methylnaphthalene  
 Concen: 41.75 ng  
 RT: 12.22 min Scan# 1622  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

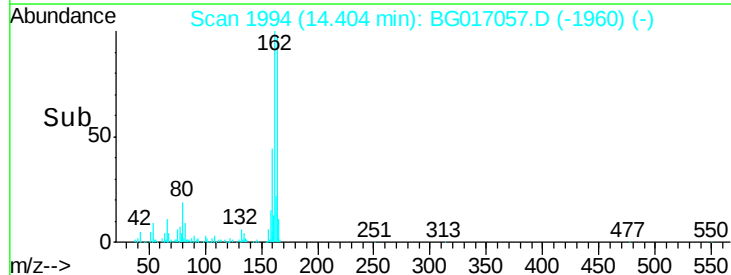
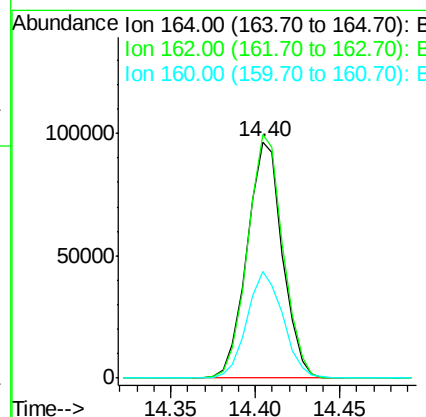
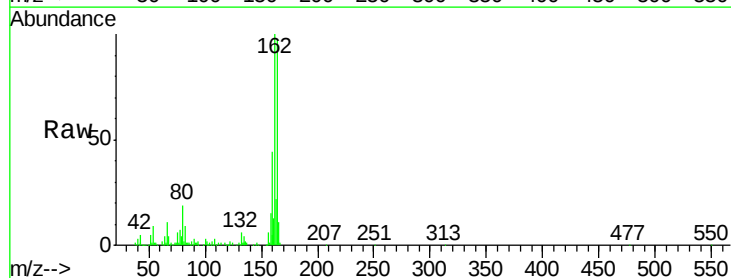
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

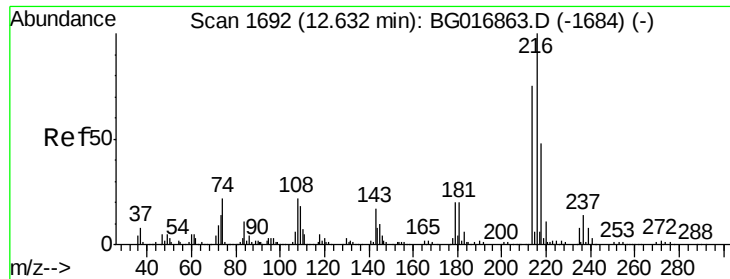
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 141     | 87.4  | 69.9  | 104.9 |
| 115     | 38.4  | 29.8  | 44.8  |



#38  
 Acenaphthene-d10  
 Concen: 20.00 ng  
 RT: 14.40 min Scan# 1994  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 162     | 103.0 | 74.0  | 111.0 |
| 160     | 45.3  | 34.7  | 52.1  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 42.20 ng

RT: 12.59 min Scan# 1685

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

Tgt Ion:216 Resp: 160434

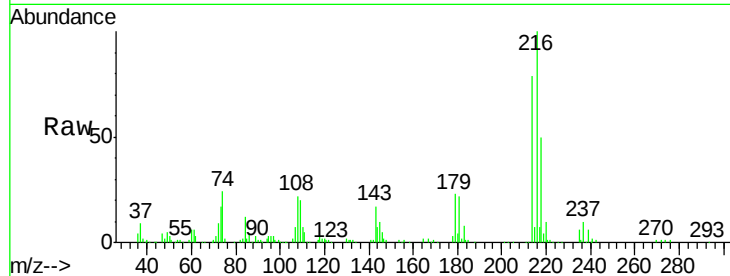
Ion Ratio Lower Upper

216 100

214 78.3 0.0 0.0#

179 21.7 0.0 0.0#

108 26.3 0.0 0.0#

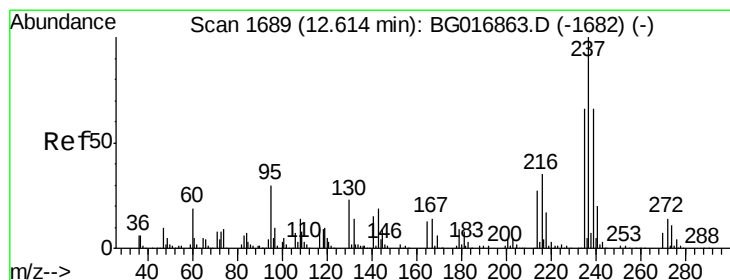
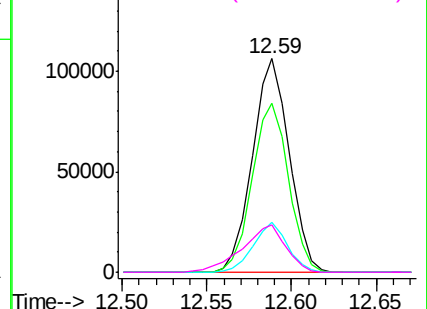
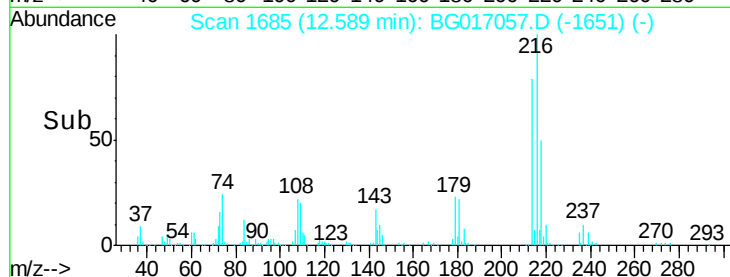


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.28 ng

RT: 12.57 min Scan# 1681

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

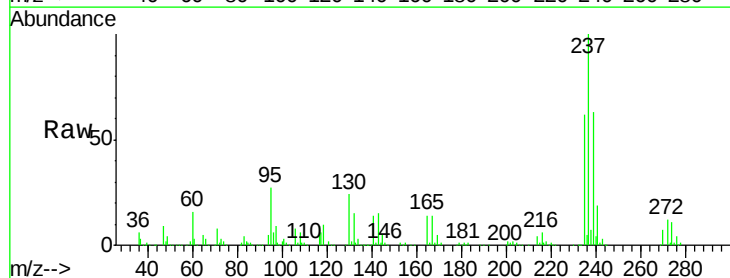
Tgt Ion:237 Resp: 216765

Ion Ratio Lower Upper

237 100

235 62.3 45.5 85.5

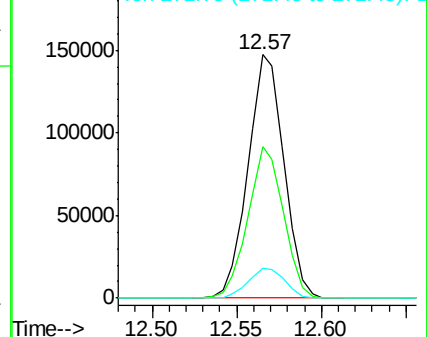
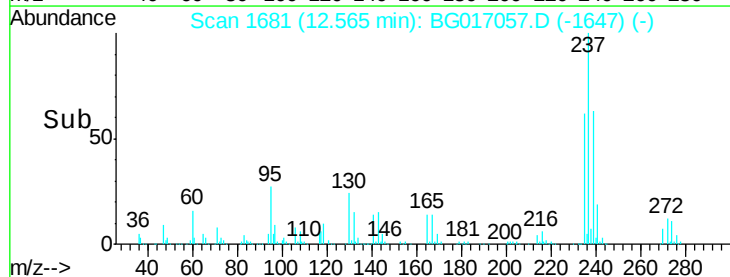
272 12.0 0.0 33.7

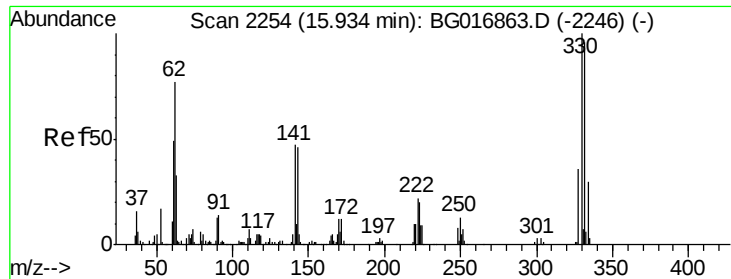


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

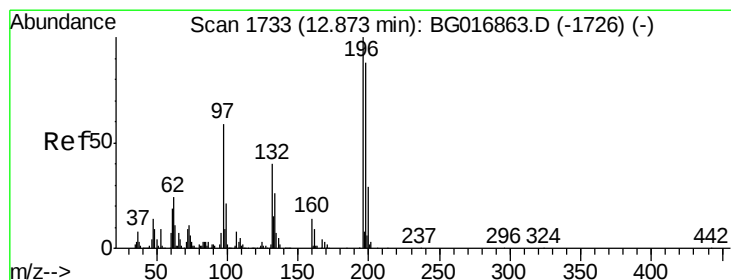
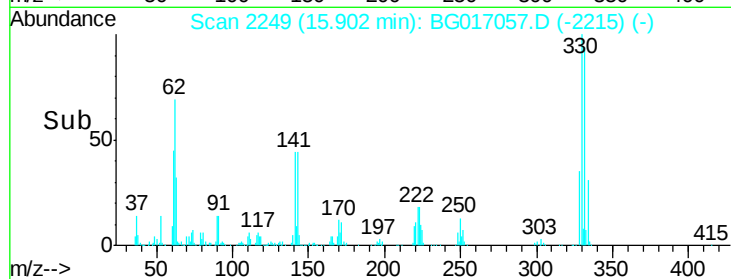
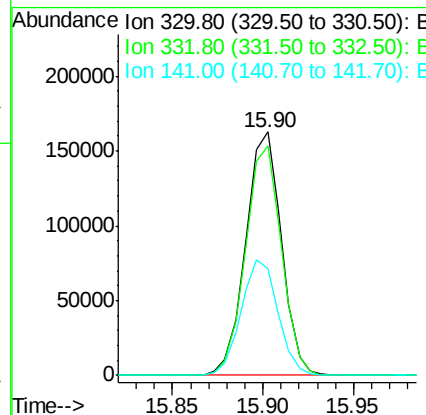
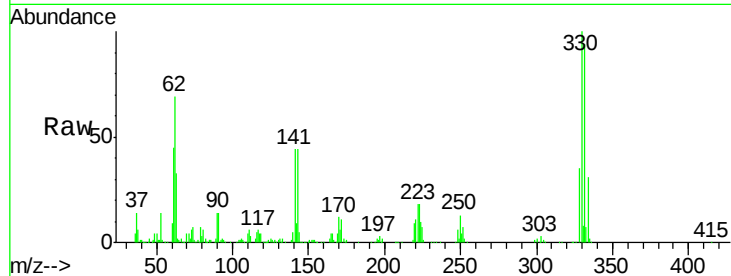




#41  
 2,4,6-Tribromophenol  
 Concen: 157.75 ng  
 RT: 15.90 min Scan# 2249  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

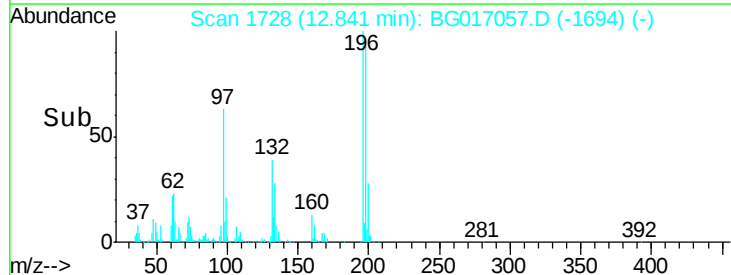
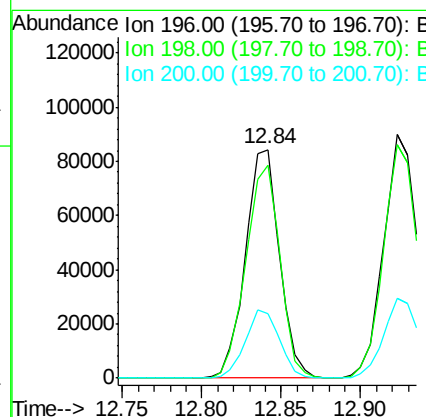
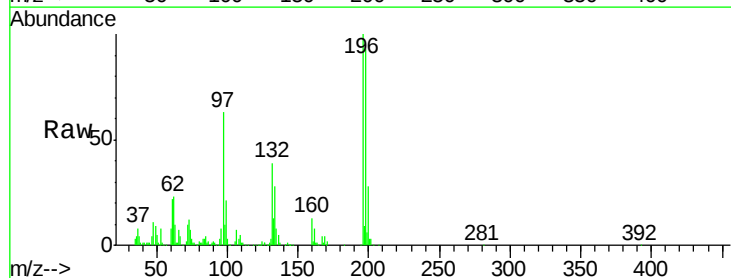
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

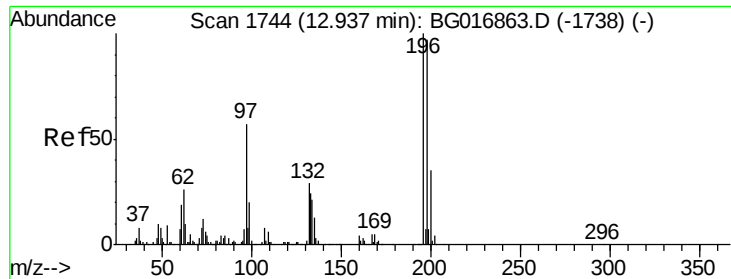
Tgt Ion:330 Resp: 222748  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 0.0 0.0#  
 141 48.8 0.0 0.0#



#42  
 2,4,6-Trichlorophenol  
 Concen: 46.79 ng  
 RT: 12.84 min Scan# 1728  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Tgt Ion:196 Resp: 126081  
 Ion Ratio Lower Upper  
 196 100  
 198 93.3 70.7 106.1  
 200 28.5 23.0 34.4

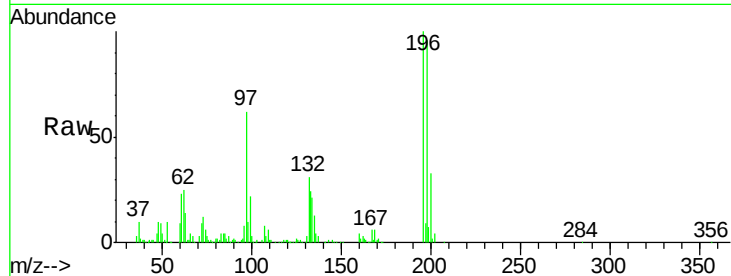




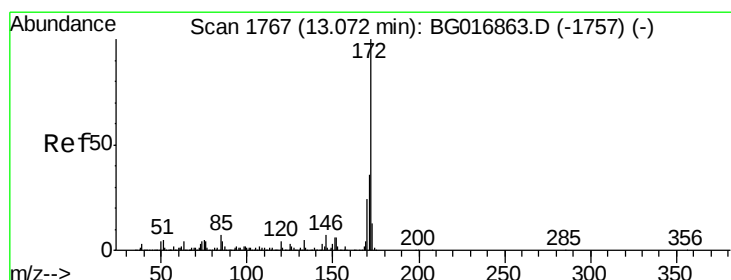
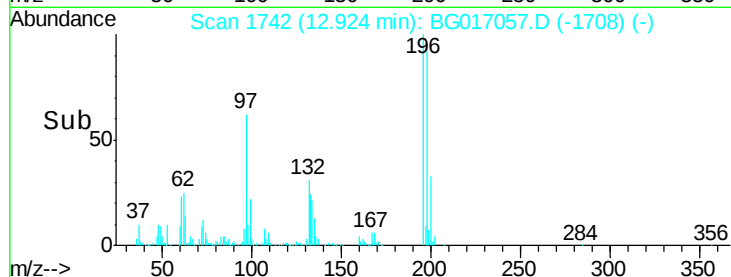
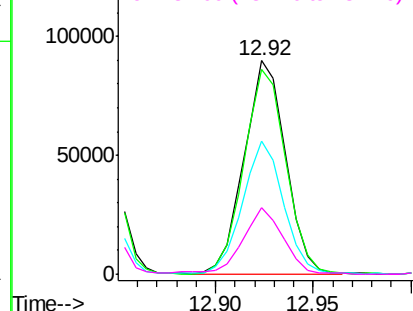
#43  
 2,4,5-Trichlorophenol  
 Concen: 46.05 ng  
 RT: 12.92 min Scan# 1742  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.8  | 77.5  | 116.3 |
| 97      | 62.3  | 45.9  | 68.9  |
| 132     | 30.9  | 23.7  | 35.5  |

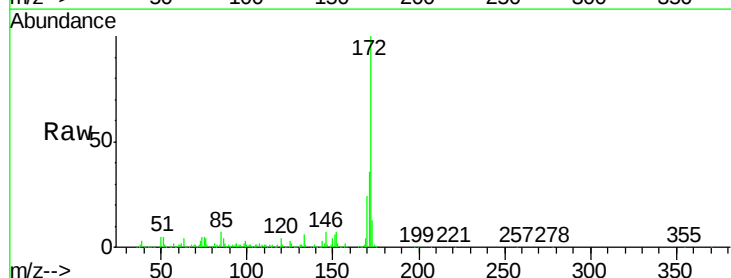


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BG  
 Ion 132.00 (131.70 to 132.70): E

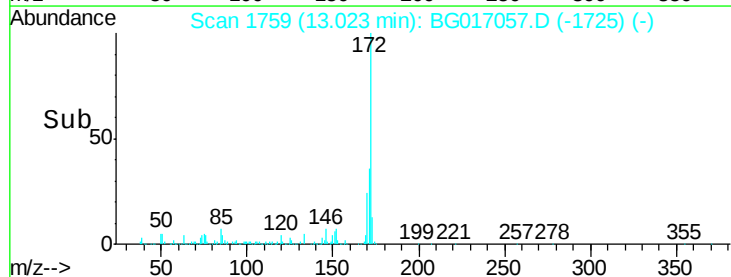
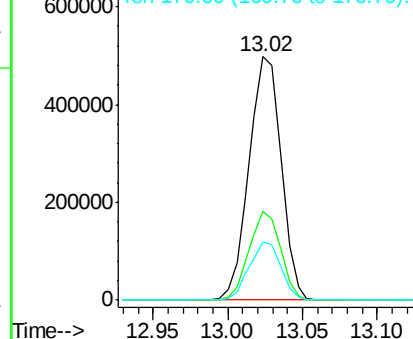


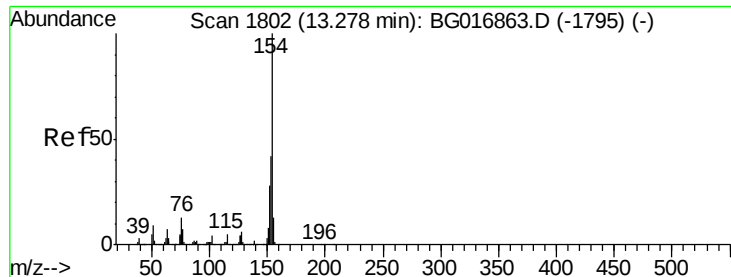
#44  
 2-Fluorobiphenyl  
 Concen: 79.35 ng  
 RT: 13.02 min Scan# 1759  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.2  | 29.0  | 43.4  |
| 170     | 23.7  | 19.0  | 28.4  |



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

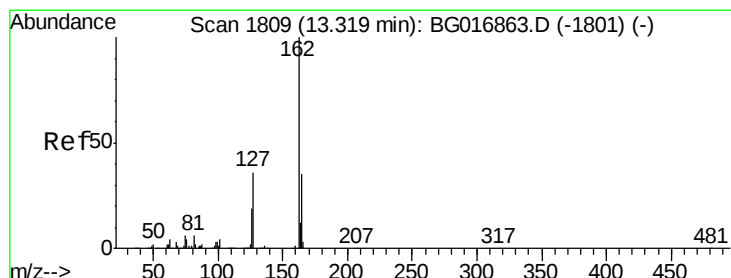
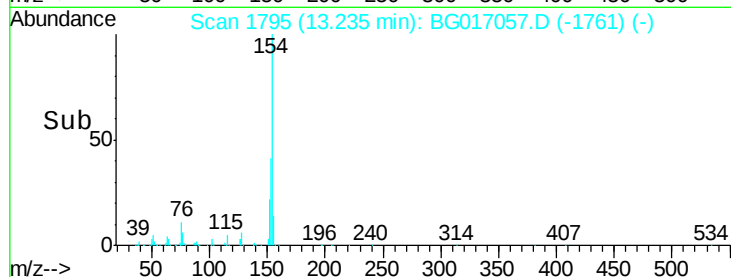
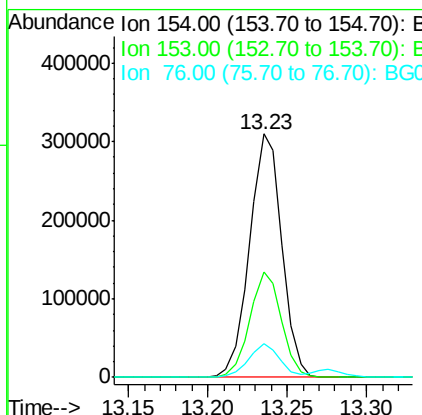
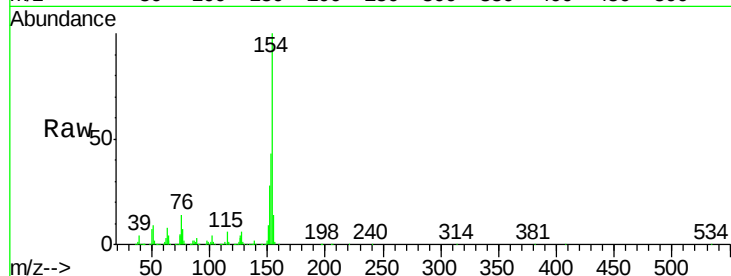




#45  
 1,1'-Biphenyl  
 Concen: 43.36 ng  
 RT: 13.23 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

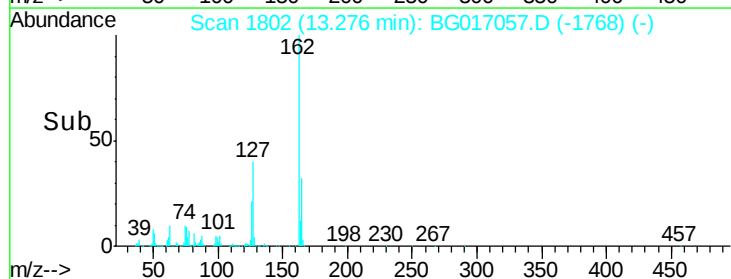
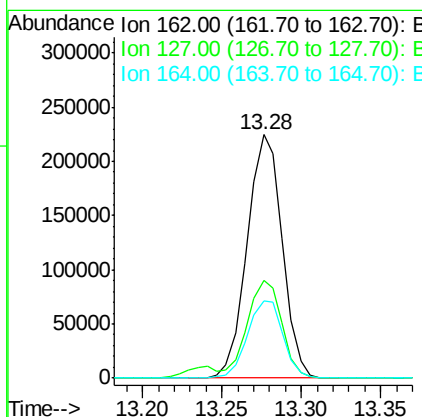
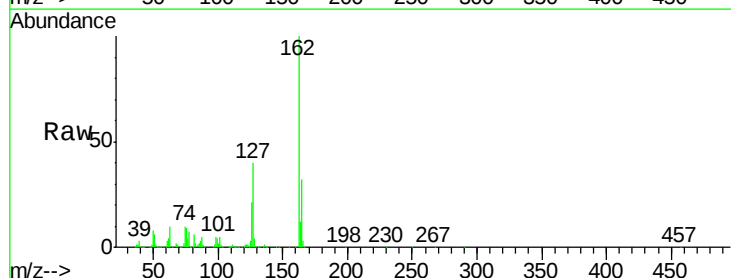
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

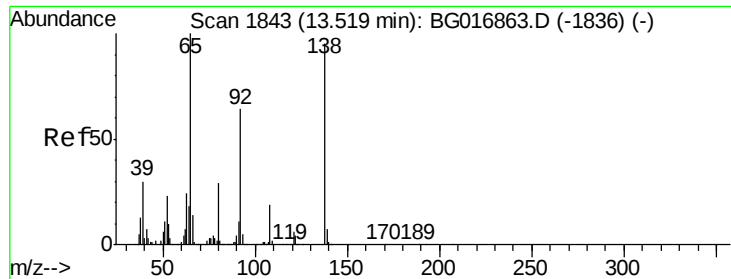
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 43.1  | 22.0  | 62.0  |
| 76      | 13.7  | 0.0   | 33.3  |



#46  
 2-Chloronaphthalene  
 Concen: 43.15 ng  
 RT: 13.28 min Scan# 1802  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 127     | 39.9  | 31.2  | 46.8  |
| 164     | 31.9  | 27.8  | 41.6  |

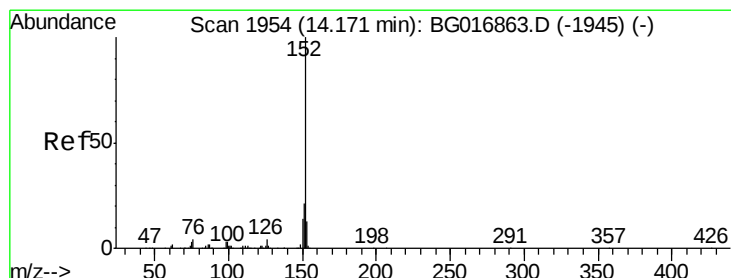
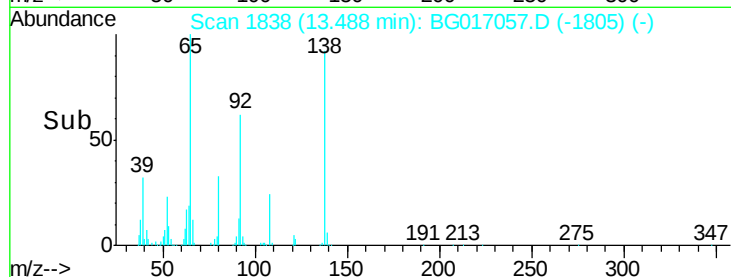
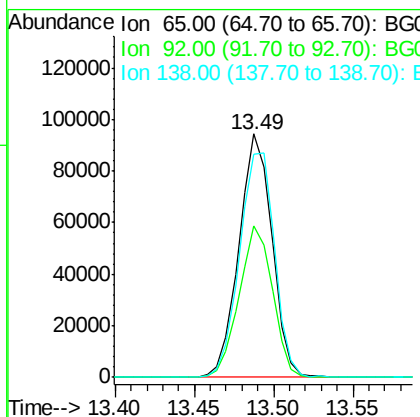
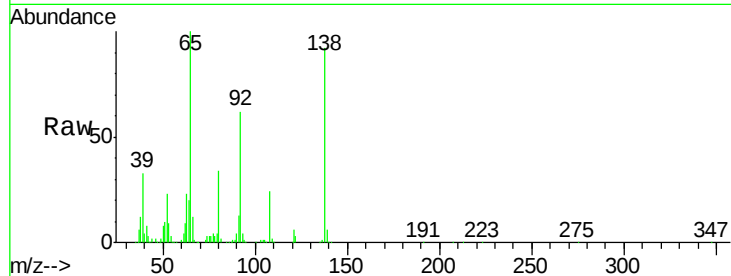




#47  
2-Nitroaniline  
Concen: 49.36 ng  
RT: 13.49 min Scan# 1838  
Delta R.T. -0.01 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

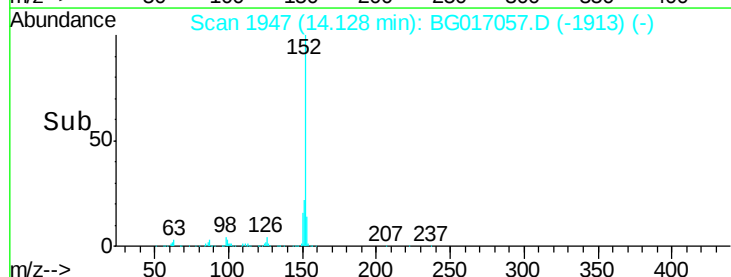
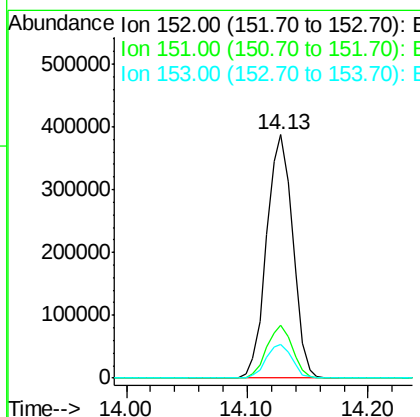
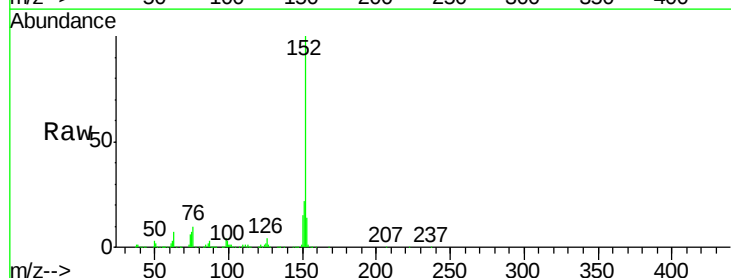
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

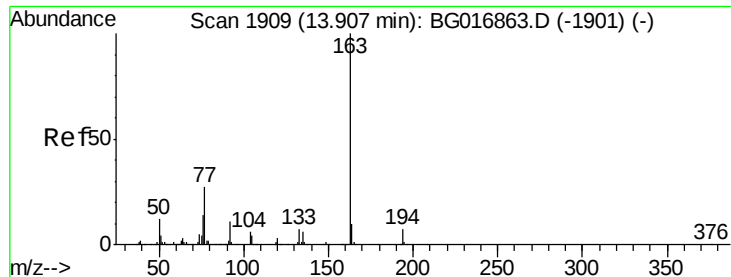
Tgt Ion: 65 Resp: 137033  
Ion Ratio Lower Upper  
65 100  
92 62.5 51.0 76.6  
138 91.9 76.2 114.2



#48  
Acenaphthylene  
Concen: 41.67 ng  
RT: 14.13 min Scan# 1947  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion: 152 Resp: 578843  
Ion Ratio Lower Upper  
152 100  
151 22.0 17.0 25.4  
153 14.0 10.7 16.1

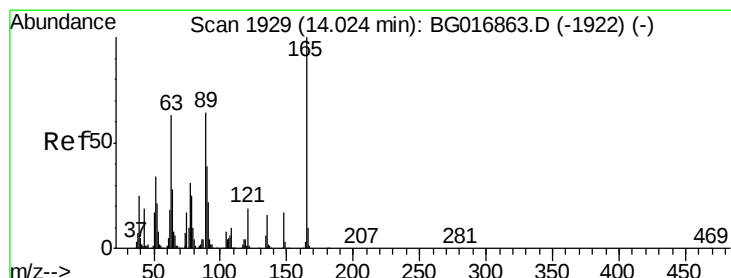
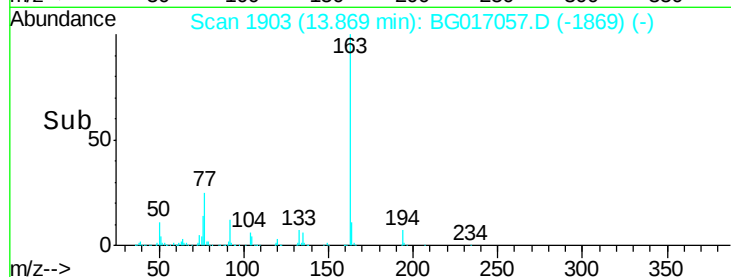
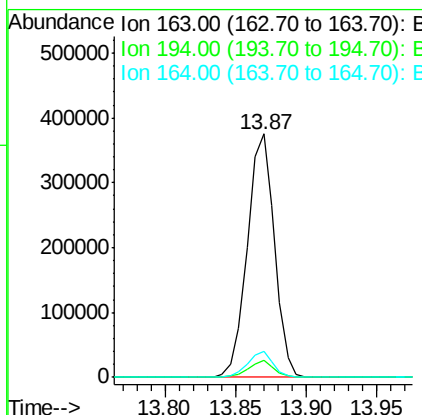
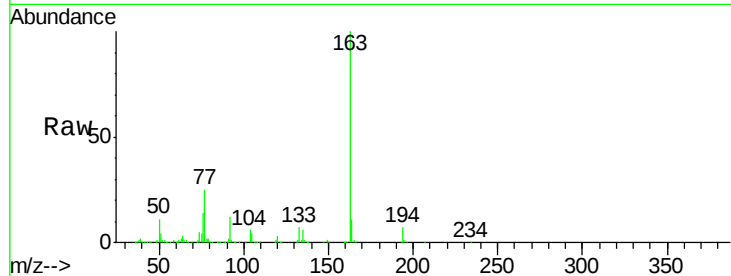




#49  
Dimethylphthalate  
Concen: 48.09 ng  
RT: 13.87 min Scan# 1903  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

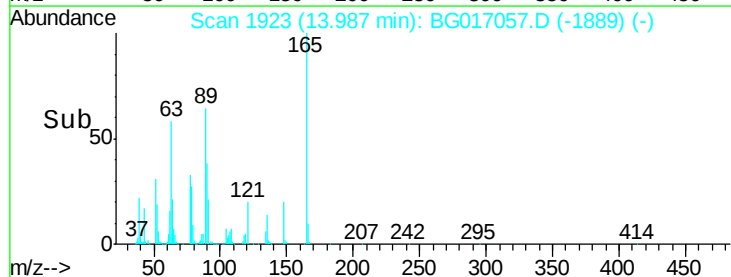
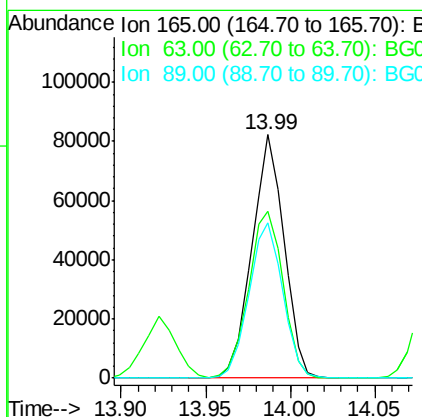
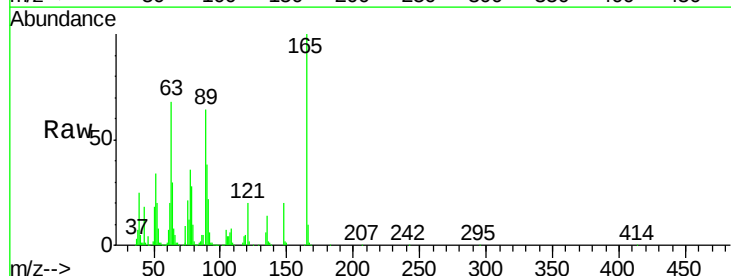
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 163     | 100   |       |       |
| 194     | 7.2   | 5.2   | 7.8   |
| 164     | 10.6  | 8.4   | 12.6  |



#50  
2,6-Dinitrotoluene  
Concen: 50.05 ng  
RT: 13.99 min Scan# 1923  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 68.4  | 50.9  | 76.3  |
| 89      | 63.6  | 51.4  | 77.2  |





#51

Acenaphthene

Concen: 42.01 ng

RT: 14.47 min Scan# 2005

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

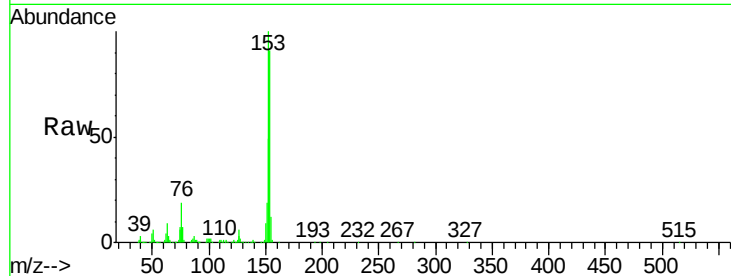
Tgt Ion:154 Resp: 347277

Ion Ratio Lower Upper

154 100

153 109.3 84.2 126.4

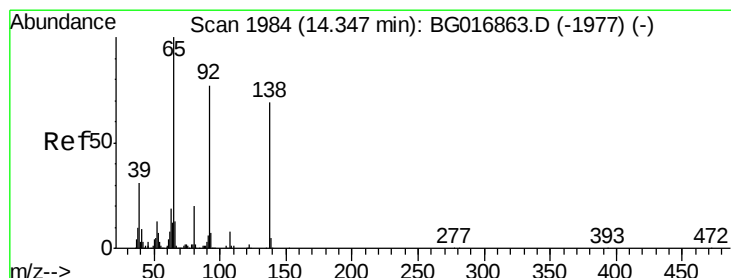
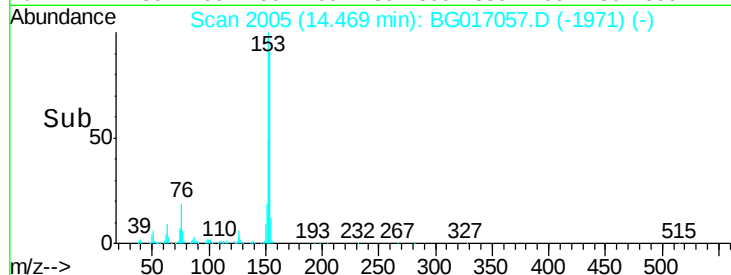
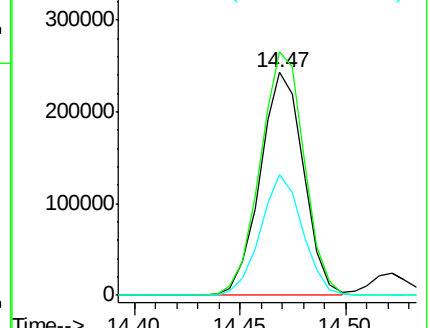
152 53.9 40.2 60.2



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: 34.71 ng

RT: 14.32 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

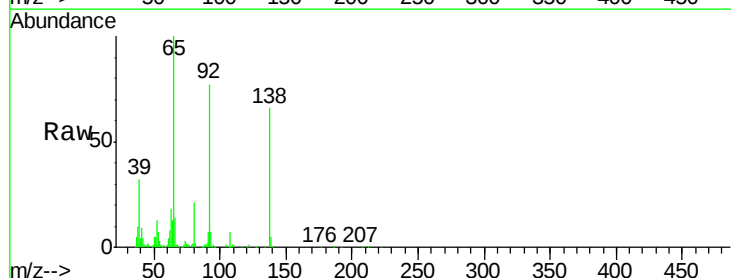
Tgt Ion:138 Resp: 86104

Ion Ratio Lower Upper

138 100

108 10.7 9.5 14.3

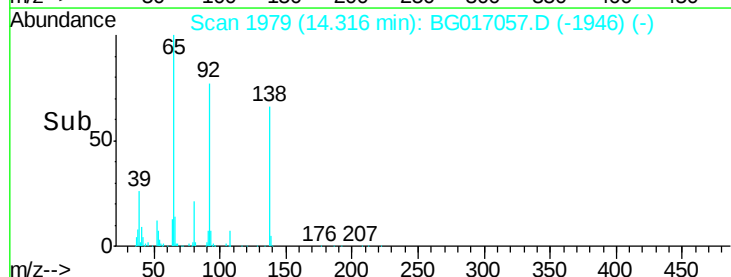
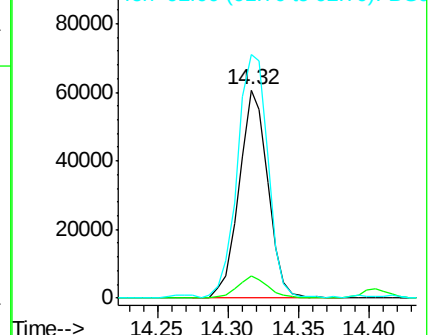
92 117.1 89.6 134.4

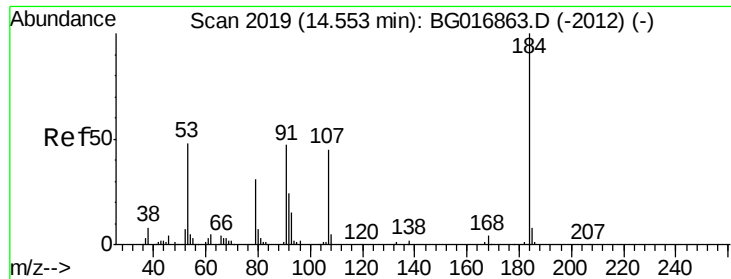


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGO

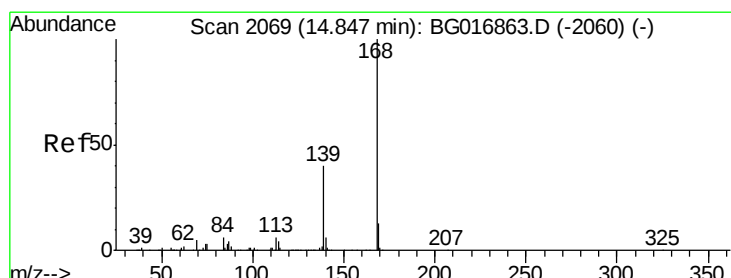
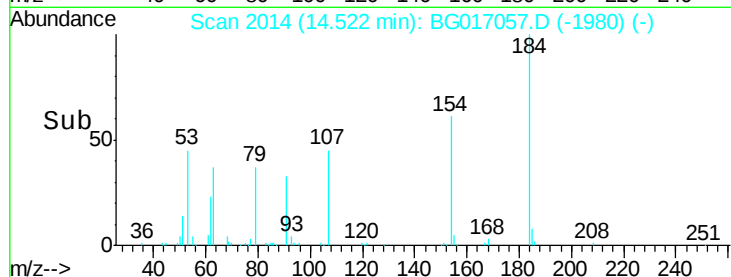
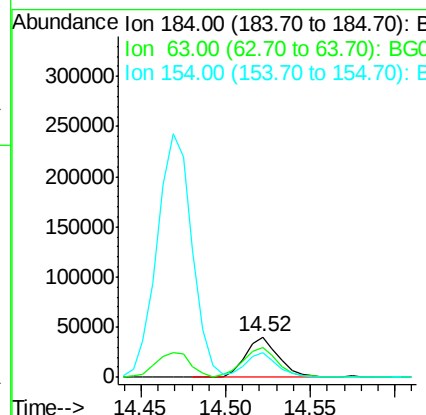
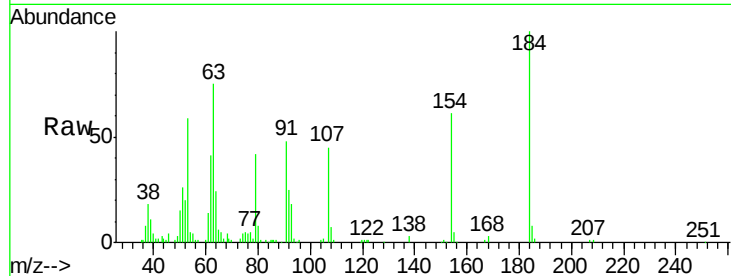




#53  
2,4-Dinitrophenol  
Concen: 55.52 ng  
RT: 14.52 min Scan# 2014  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

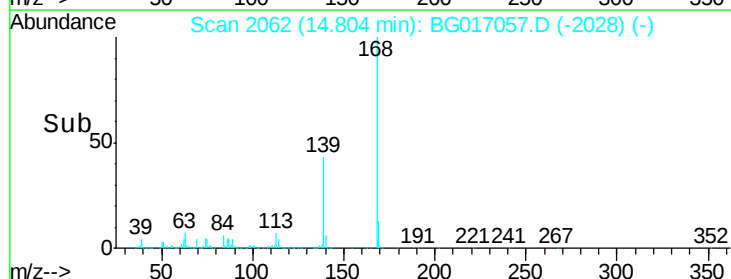
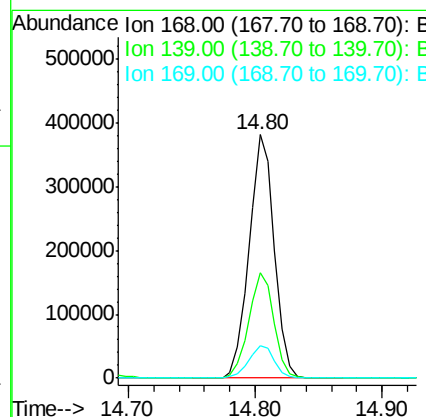
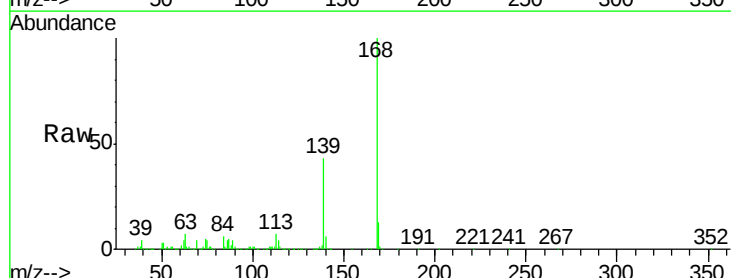
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

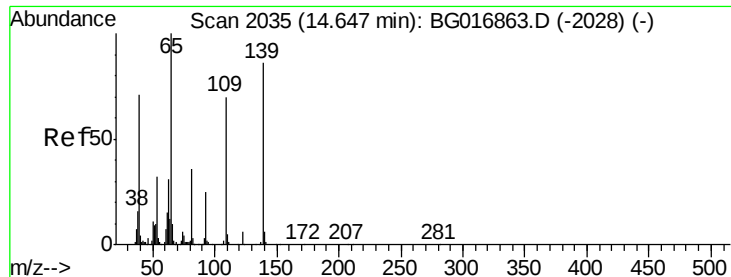
Tgt Ion:184 Resp: 55371  
Ion Ratio Lower Upper  
184 100  
63 75.1 53.4 80.0  
154 61.4 41.0 61.6



#54  
Dibenzofuran  
Concen: 44.51 ng  
RT: 14.80 min Scan# 2062  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion:168 Resp: 522483  
Ion Ratio Lower Upper  
168 100  
139 43.1 32.5 48.7  
169 13.4 10.4 15.6





#55

4-Nitrophenol

Concen: 99.00 ng

RT: 14.67 min Scan# 2039

Delta R.T. 0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

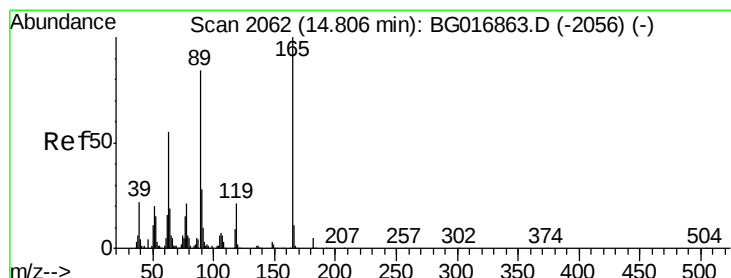
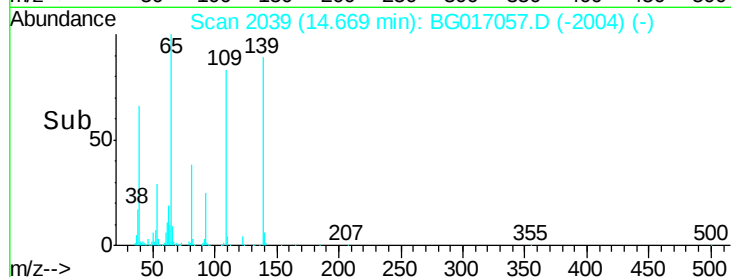
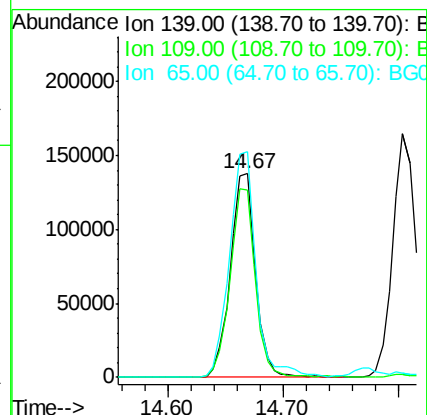
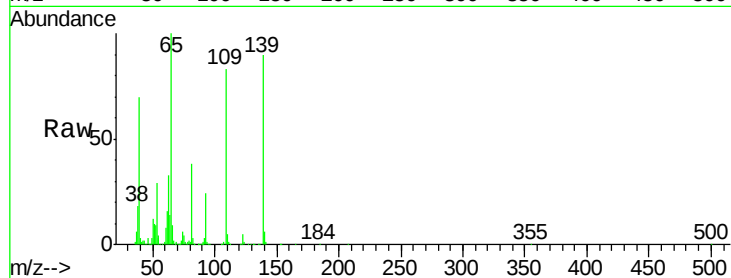
Tgt Ion:139 Resp: 208252

Ion Ratio Lower Upper

139 100

109 92.1 61.8 101.8

65 111.1 96.8 136.8



#56

2,4-Dinitrotoluene

Concen: 55.39 ng

RT: 14.77 min Scan# 2057

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Tgt Ion:165 Resp: 154535

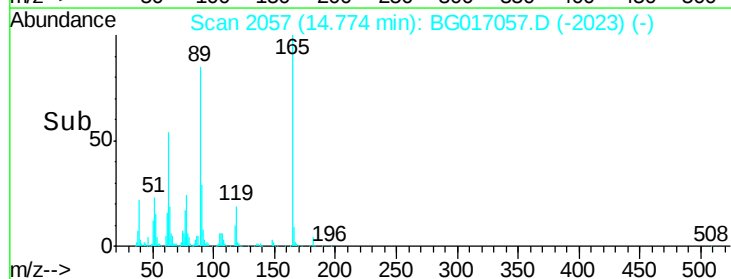
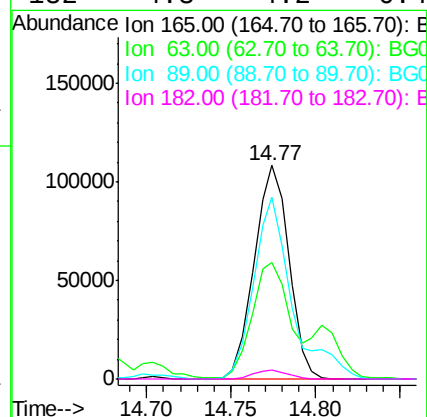
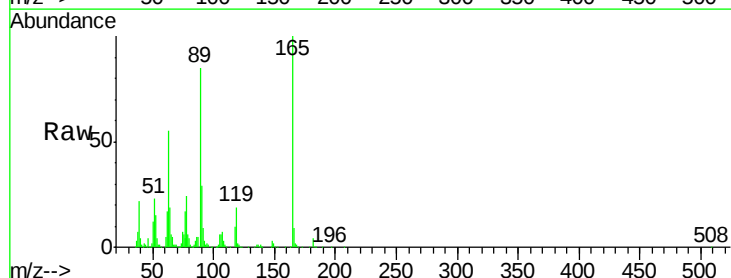
Ion Ratio Lower Upper

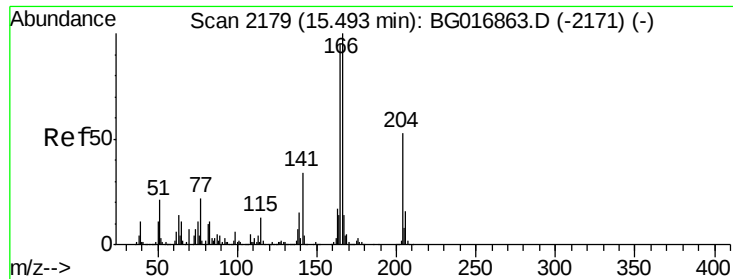
165 100

63 54.6 44.2 66.4

89 85.1 67.2 100.8

182 4.3 4.2 6.4

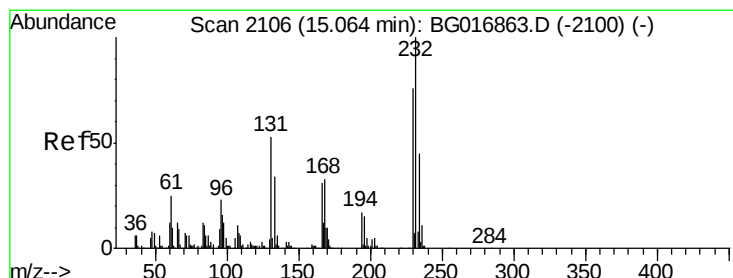
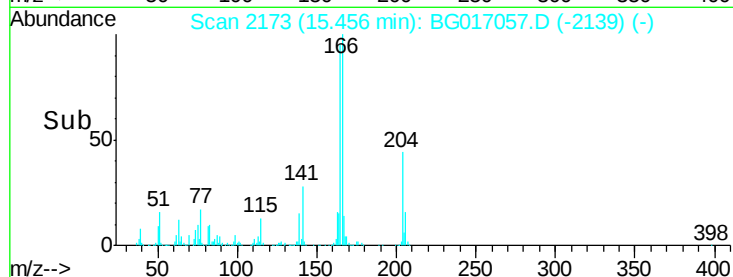
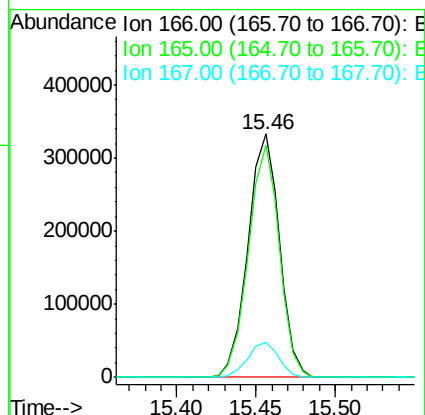
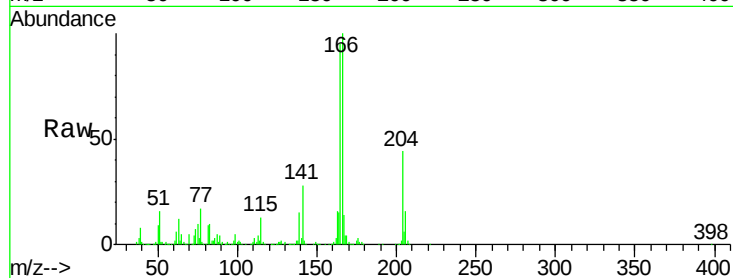




#57  
**Fluorene**  
 Concen: 43.99 ng  
 RT: 15.46 min Scan# 2173  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

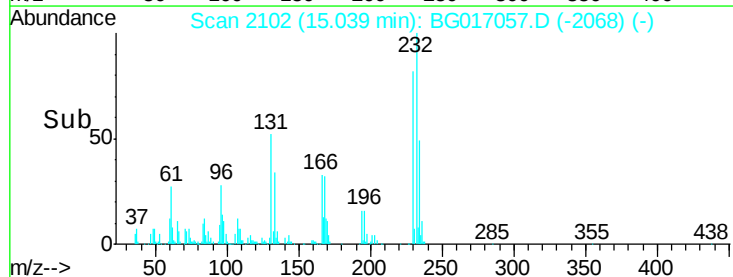
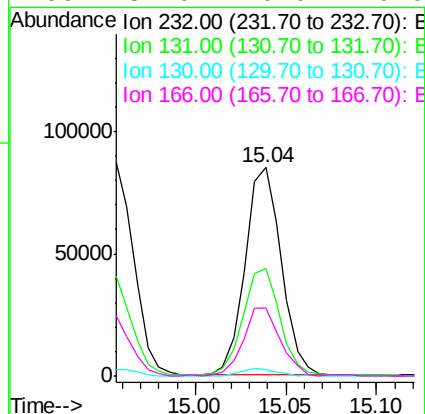
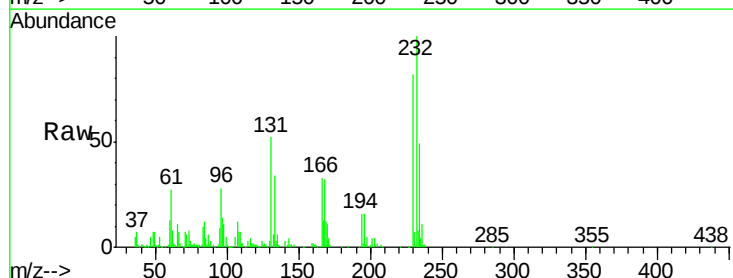
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

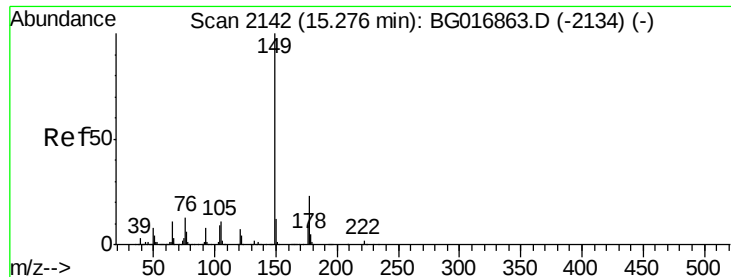
Tgt Ion:166 Resp: 457161  
 Ion Ratio Lower Upper  
 166 100  
 165 95.2 76.1 114.1  
 167 14.4 11.4 17.2



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 47.53 ng  
 RT: 15.04 min Scan# 2102  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Tgt Ion:232 Resp: 117300  
 Ion Ratio Lower Upper  
 232 100  
 131 53.5 0.1 0.1#  
 130 3.5 0.0 0.0#  
 166 34.0 0.0 0.0#





#59

Diethylphthalate

Concen: 44.47 ng

RT: 15.23 min Scan# 2135

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

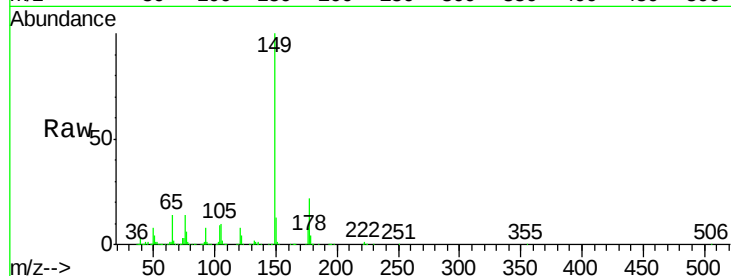
Tgt Ion:149 Resp: 493041

Ion Ratio Lower Upper

149 100

177 22.1 18.6 27.8

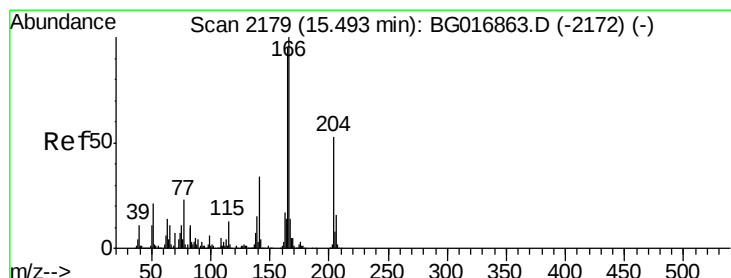
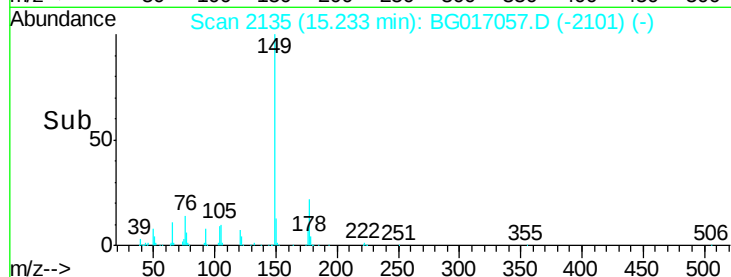
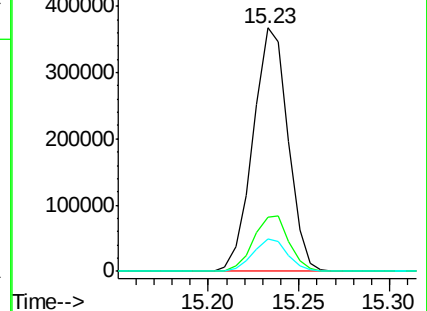
150 13.3 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.14 ng

RT: 15.45 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

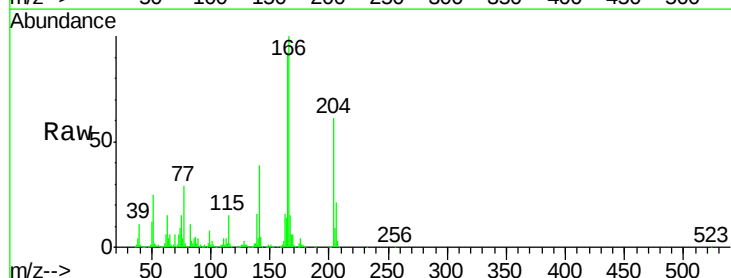
Tgt Ion:204 Resp: 230461

Ion Ratio Lower Upper

204 100

206 34.0 24.8 37.2

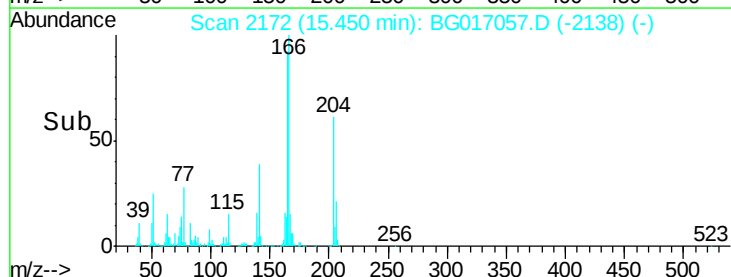
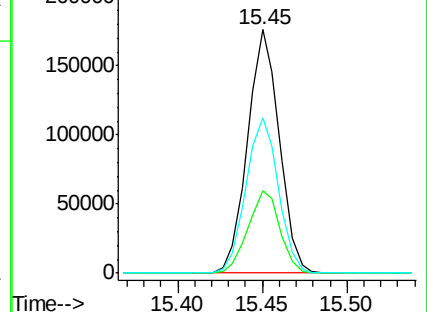
141 63.8 52.4 78.6

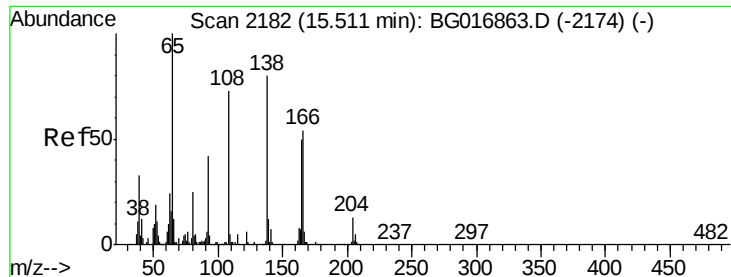


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

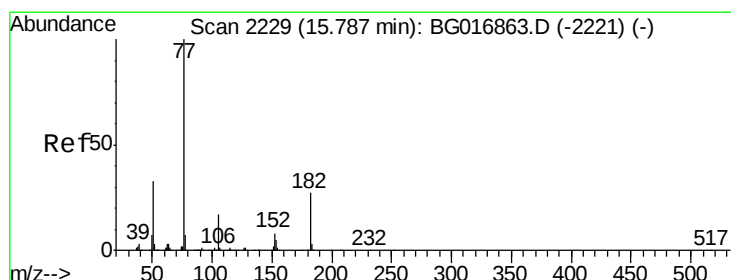
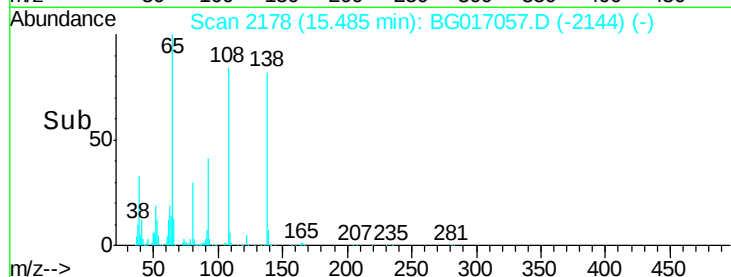
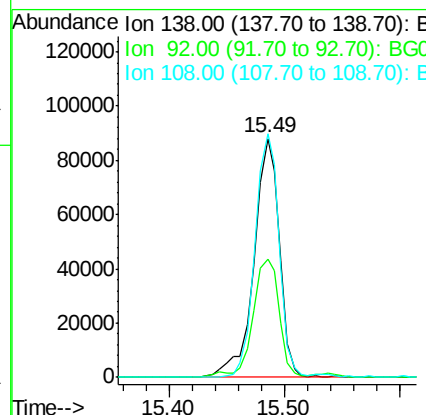
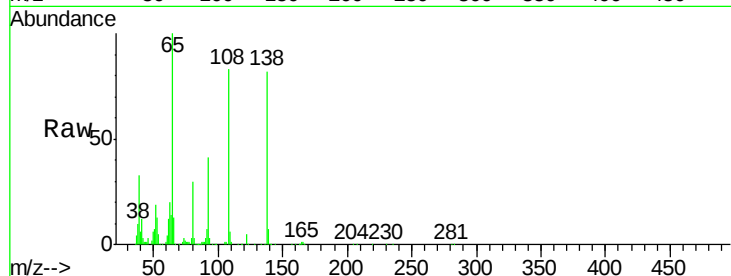




#61  
4-Nitroaniline  
Concen: 46.99 ng  
RT: 15.49 min Scan# 2178  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

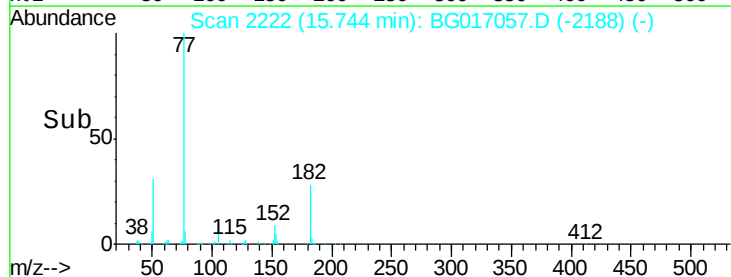
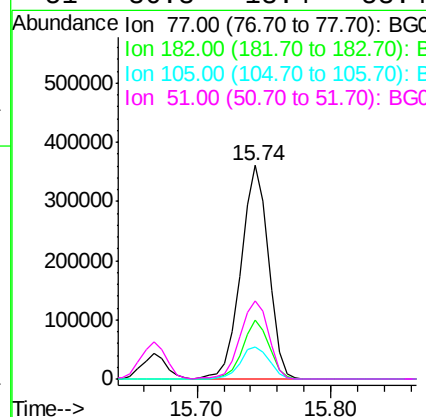
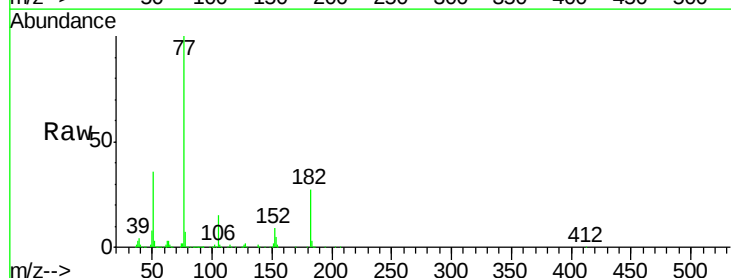
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

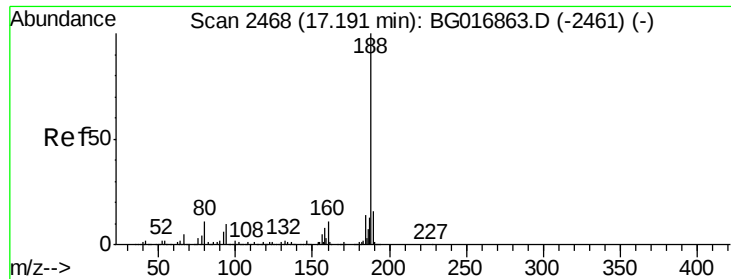
Tgt Ion: 138 Resp: 135147  
Ion Ratio Lower Upper  
138 100  
92 49.6 31.8 71.8  
108 101.9 70.6 110.6



#62  
Azobenzene  
Concen: 44.67 ng  
RT: 15.74 min Scan# 2222  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion: 77 Resp: 512956  
Ion Ratio Lower Upper  
77 100  
182 27.3 7.4 47.4  
105 15.0 0.0 36.6  
51 36.3 13.4 53.4

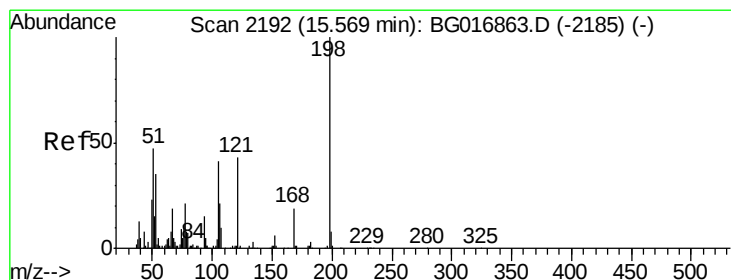
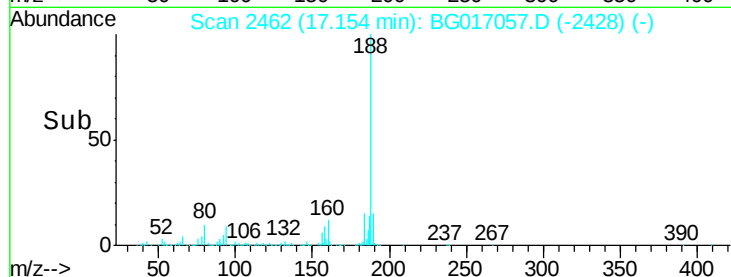
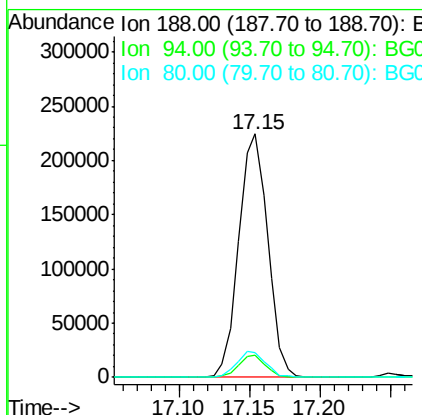
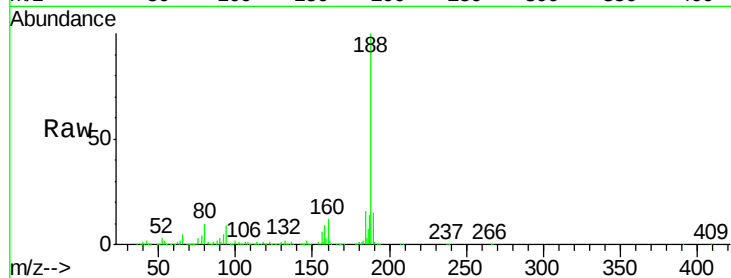




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 17.15 min Scan# 2462  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

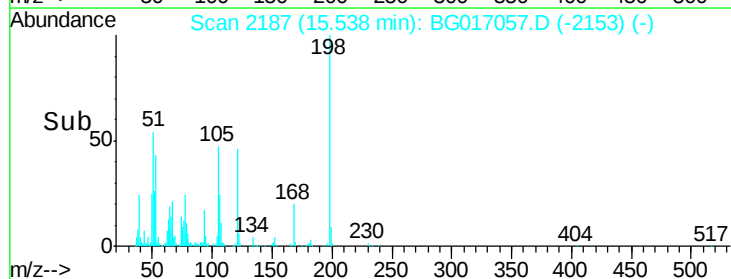
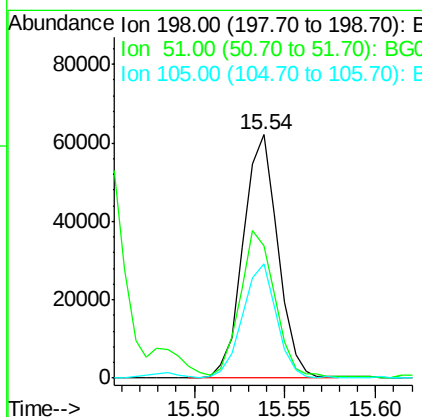
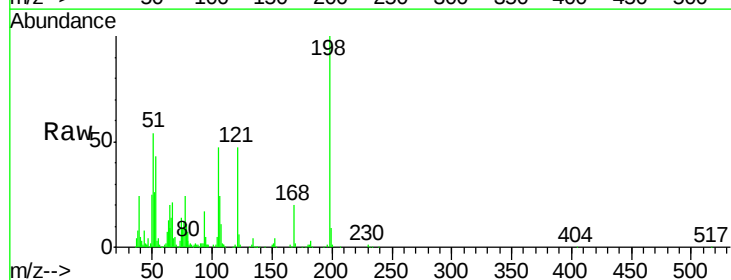
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

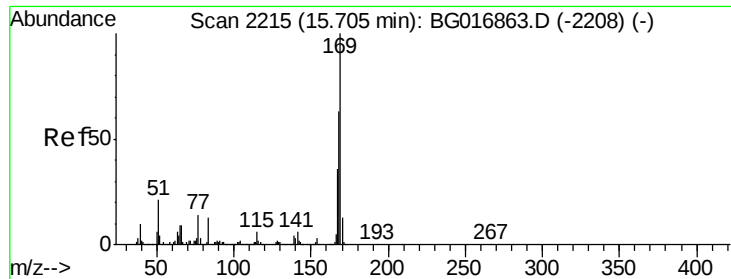
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 188     | 100   |       |       |
| 94      | 8.9   | 8.2   | 12.4  |
| 80      | 10.3  | 8.8   | 13.2  |



#64  
4,6-Dinitro-2-methylphenol  
Concen: 51.78 ng  
RT: 15.54 min Scan# 2187  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 51      | 54.1  | 31.2  | 71.2  |
| 105     | 47.1  | 22.0  | 62.0  |

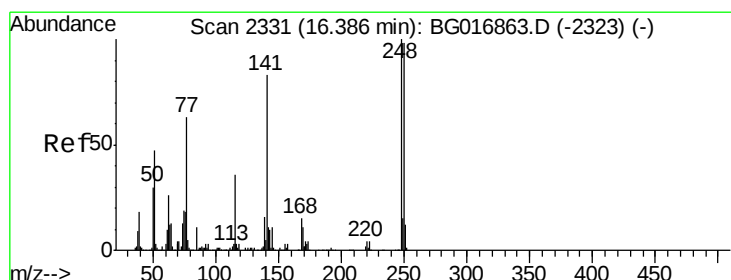
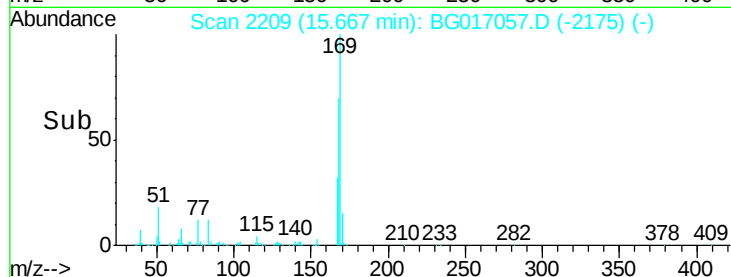
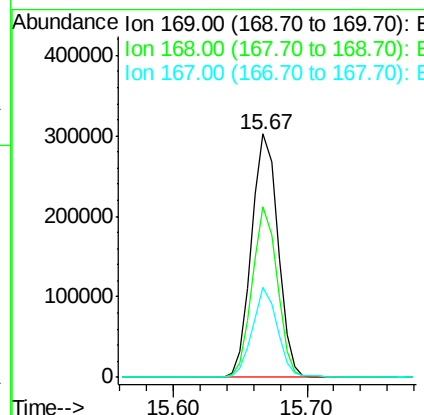
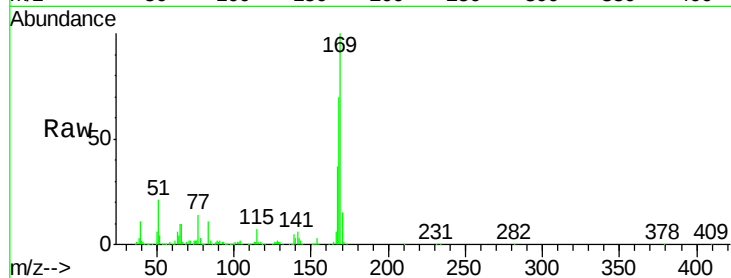




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.90 ng  
 RT: 15.67 min Scan# 2209  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

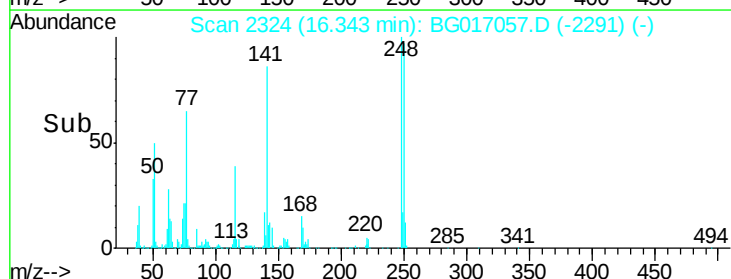
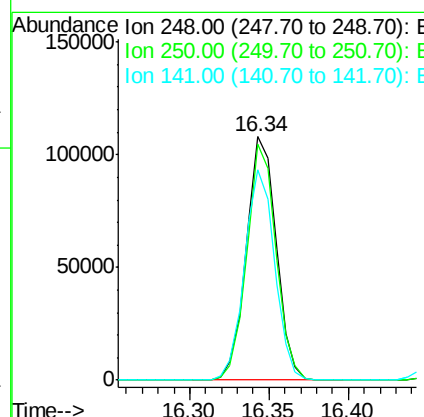
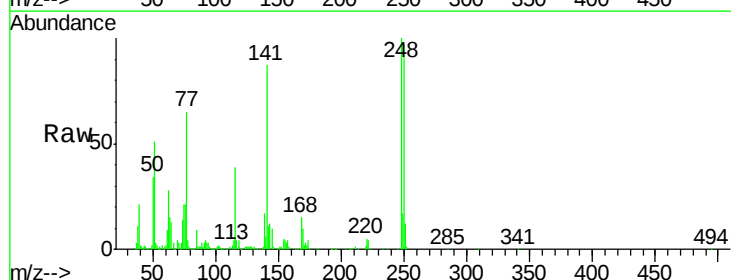
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 169     | 411189 |       |       |
| 168     | 70.2   | 50.6  | 76.0  |
| 167     | 36.8   | 29.0  | 43.4  |



#66  
 4-Bromophenyl-phenylether  
 Concen: 43.90 ng  
 RT: 16.34 min Scan# 2324  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 248     | 141656 |       |       |
| 250     | 96.8   | 78.6  | 117.8 |
| 141     | 86.6   | 66.3  | 99.5  |

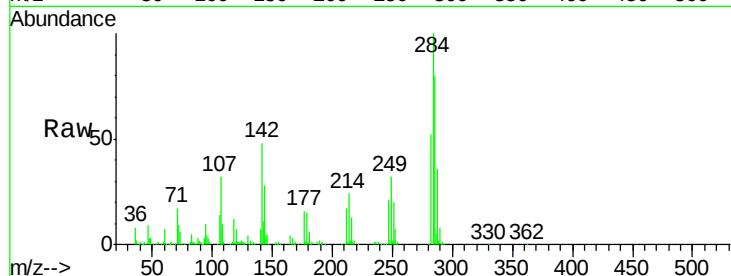




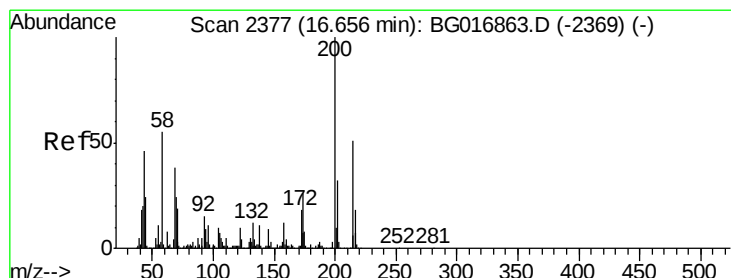
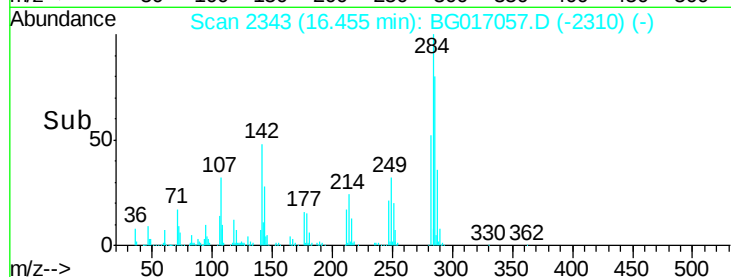
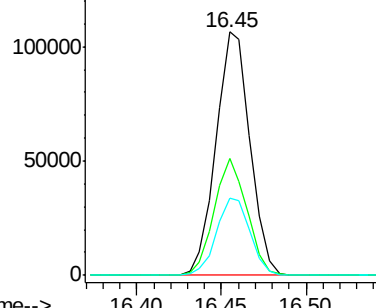
#67  
Hexachlorobenzene  
Concen: 43.84 ng  
RT: 16.45 min Scan# 2343  
Delta R.T. -0.01 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 47.8  | 37.4  | 56.0  |
| 249     | 31.9  | 25.5  | 38.3  |

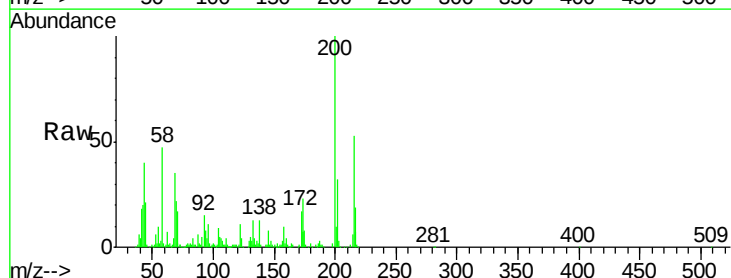


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

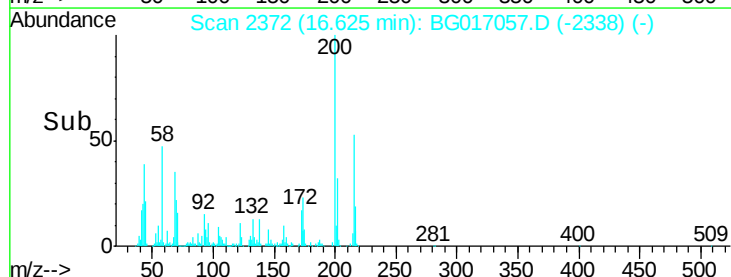
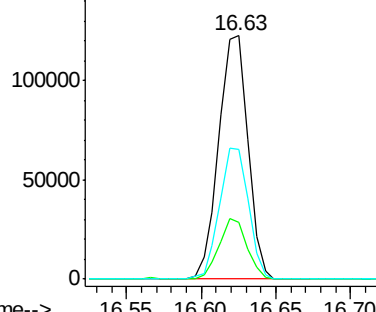


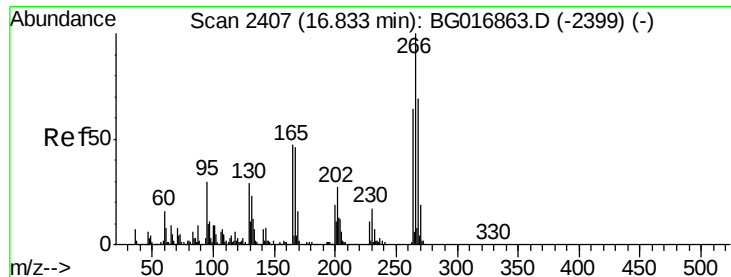
#68  
Atrazine  
Concen: 46.91 ng  
RT: 16.63 min Scan# 2372  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 23.4  | 6.1   | 46.1  |
| 215     | 53.4  | 30.8  | 70.8  |



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





#69

Pentachlorophenol

Concen: 87.05 ng

RT: 16.81 min Scan# 2403

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

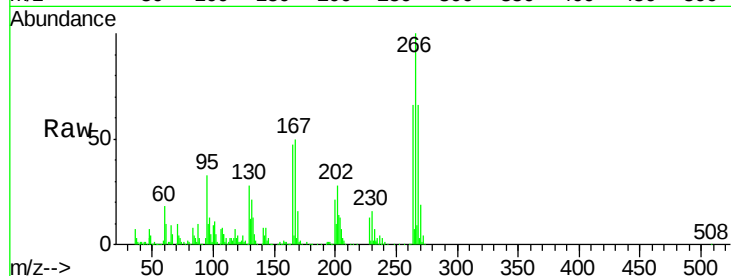
Tgt Ion:266 Resp: 192301

Ion Ratio Lower Upper

266 100

268 65.9 55.2 82.8

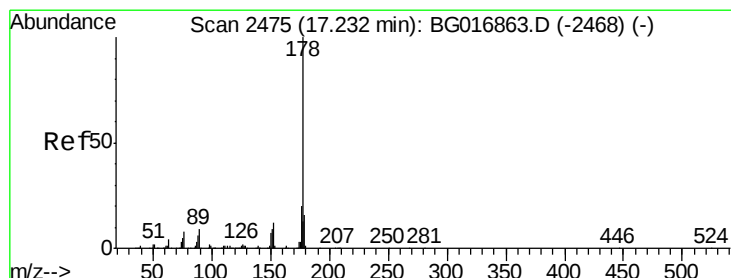
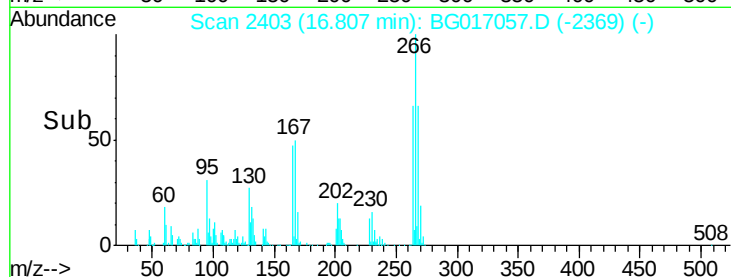
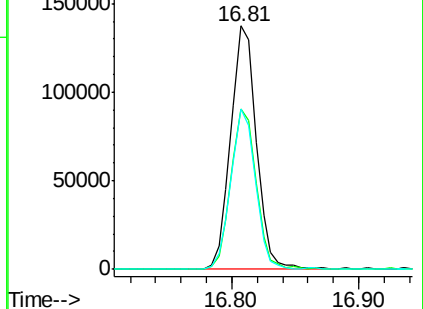
264 65.8 51.4 77.0



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: 41.89 ng

RT: 17.20 min Scan# 2469

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

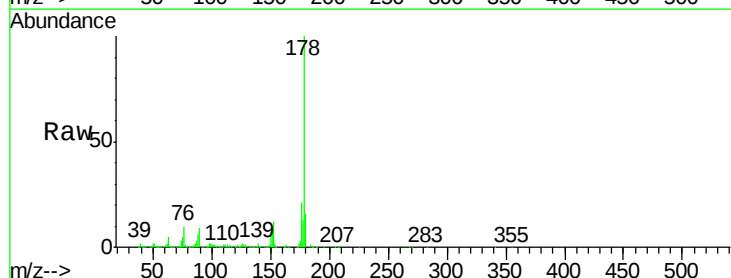
Tgt Ion:178 Resp: 692920

Ion Ratio Lower Upper

178 100

176 20.6 16.0 24.0

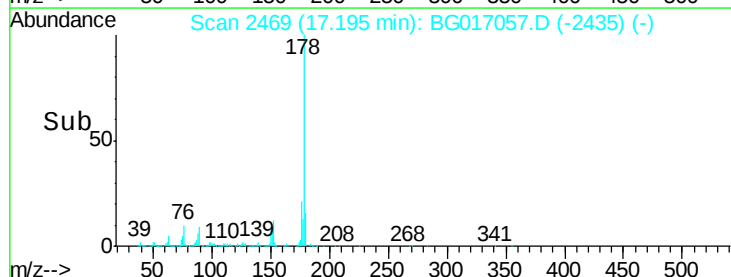
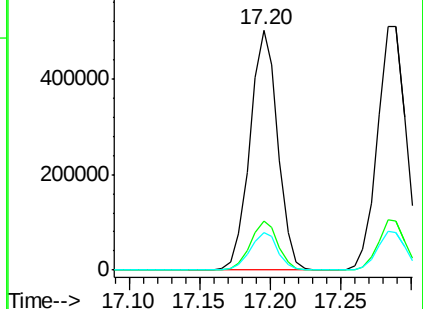
179 15.7 13.0 19.6

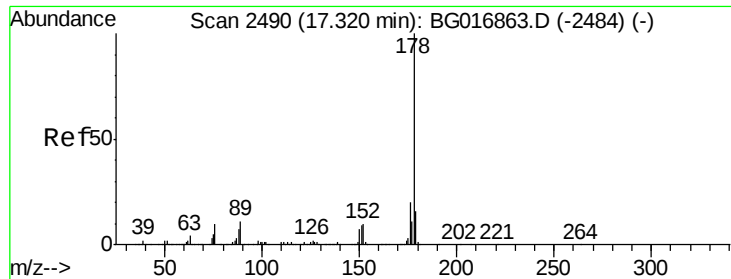


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

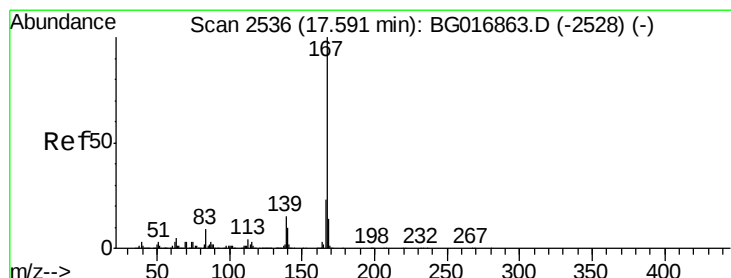
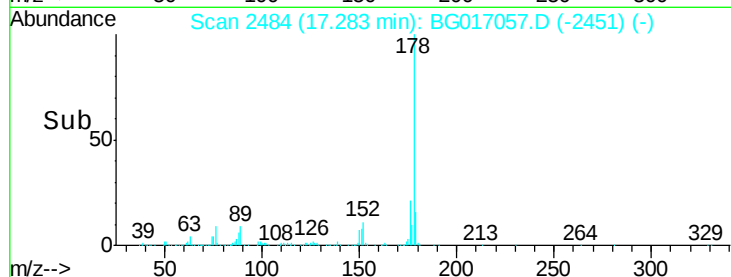
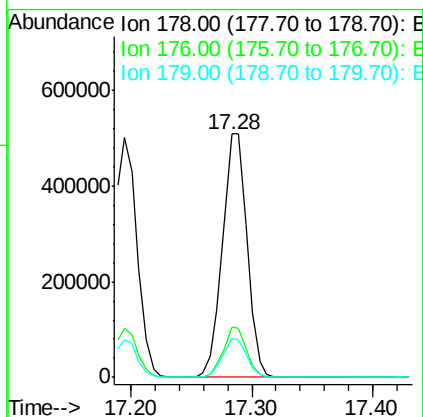
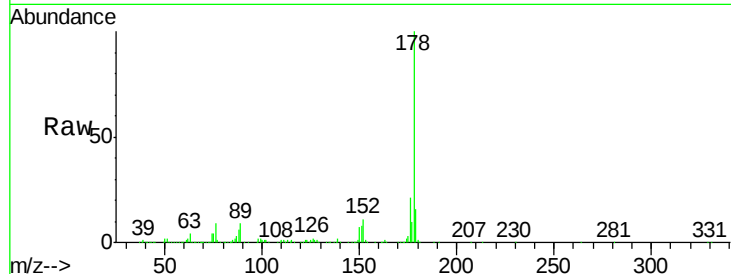




#71  
 Anthracene  
 Concen: 43.00 ng  
 RT: 17.28 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

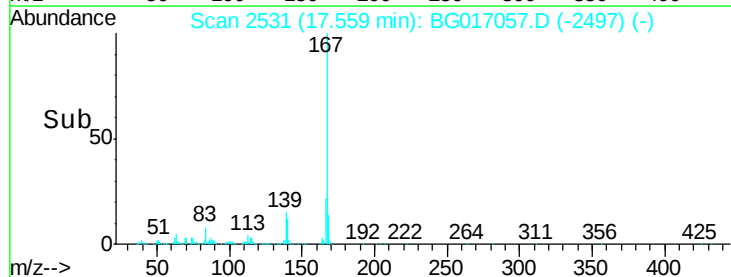
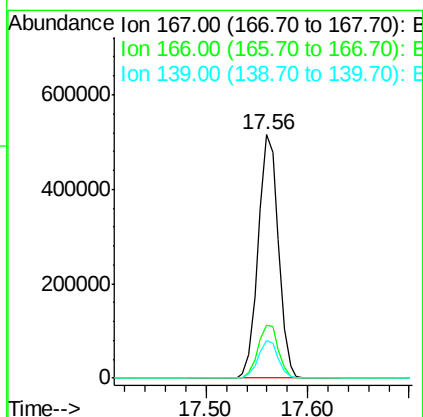
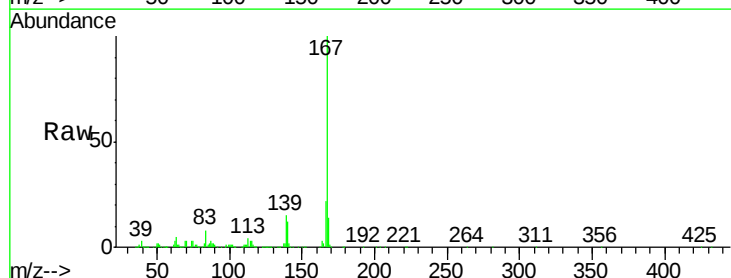
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

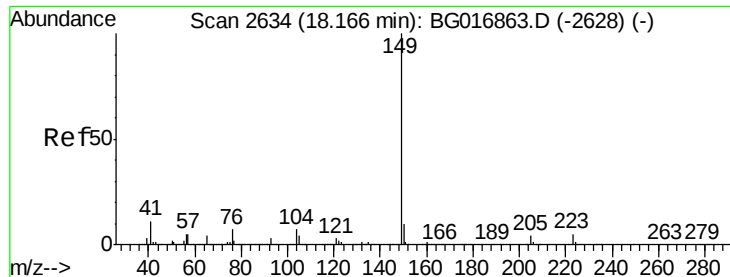
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 20.6  | 16.2  | 24.4  |
| 179     | 15.9  | 13.1  | 19.7  |



#72  
 Carbazole  
 Concen: 44.89 ng  
 RT: 17.56 min Scan# 2531  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 167     | 100   |       |       |
| 166     | 21.8  | 18.4  | 27.6  |
| 139     | 15.4  | 12.2  | 18.4  |





#73

Di-n-butylphthalate

Concen: 44.08 ng

RT: 18.12 min Scan# 2627

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

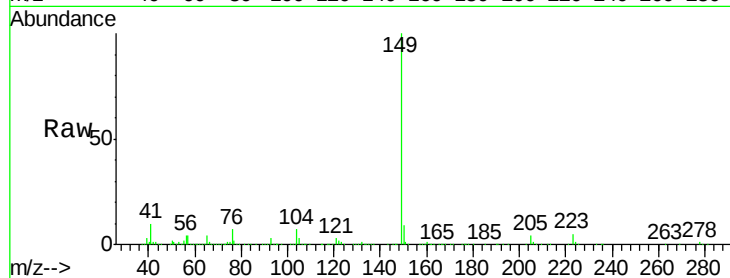
Tgt Ion:149 Resp: 906645

Ion Ratio Lower Upper

149 100

150 9.5 7.7 11.5

104 7.1 5.4 8.0

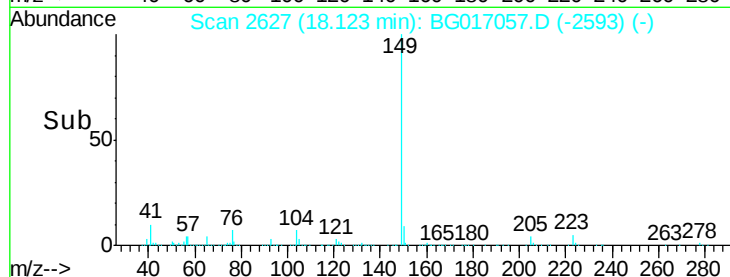


Abundance Ion 149.00 (148.70 to 149.70): E

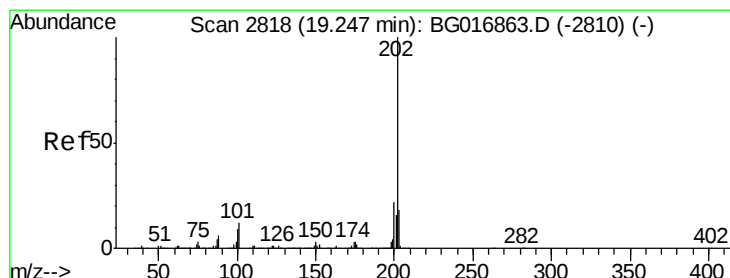
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

18.12



Time-->



#74

Fluoranthene

Concen: 43.83 ng

RT: 19.22 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

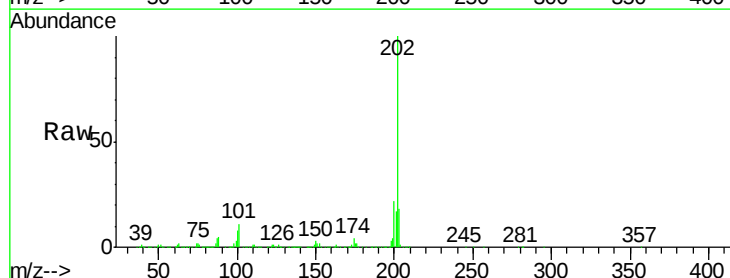
Tgt Ion:202 Resp: 841260

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

203 18.1 0.0 38.1

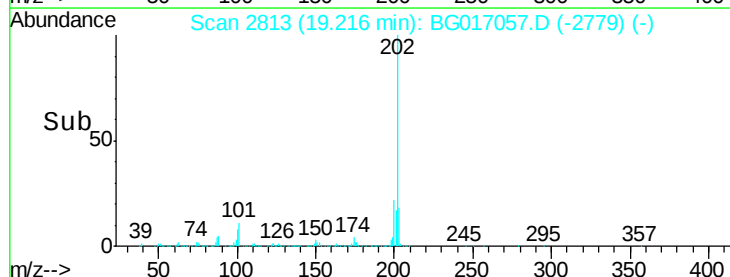


Abundance Ion 202.00 (201.70 to 202.70): E

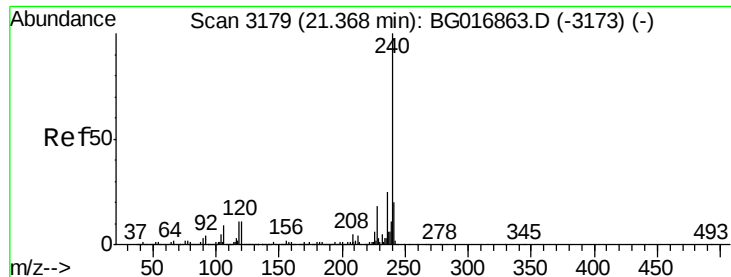
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

19.22



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.34 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

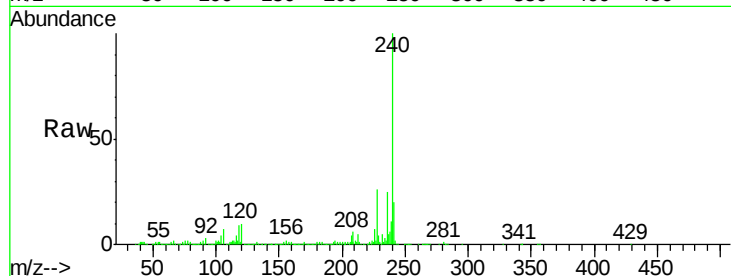
Tgt Ion:240 Resp: 341969

Ion Ratio Lower Upper

240 100

120 10.2 9.1 13.7

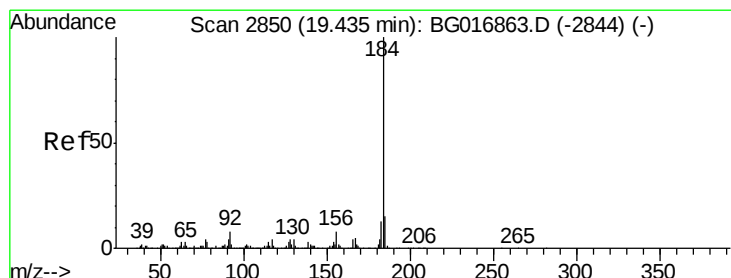
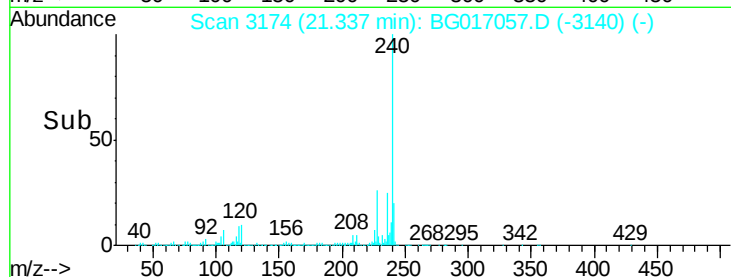
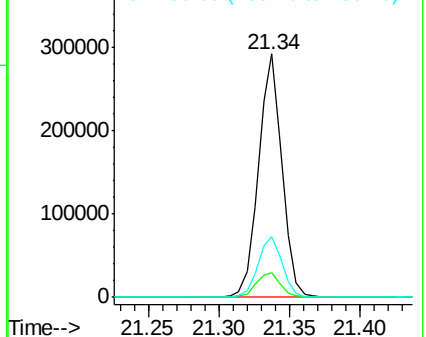
236 25.0 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 47.36 ng

RT: 19.40 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

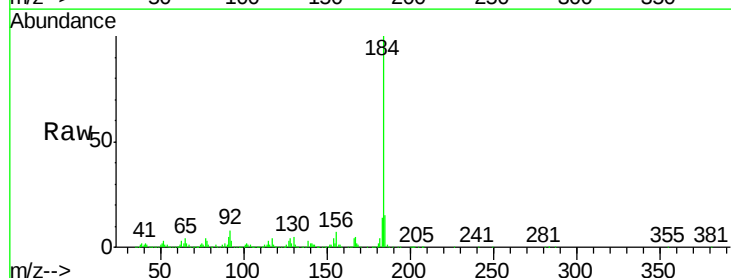
Tgt Ion:184 Resp: 550256

Ion Ratio Lower Upper

184 100

185 14.5 11.8 17.6

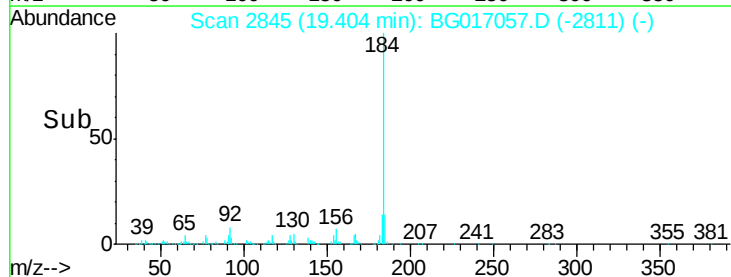
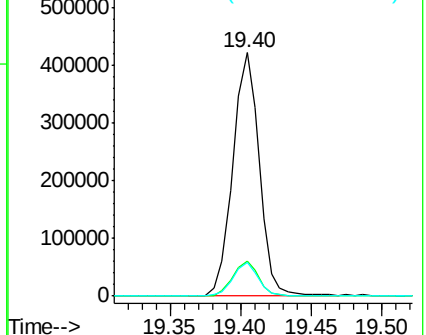
183 13.7 10.6 15.8

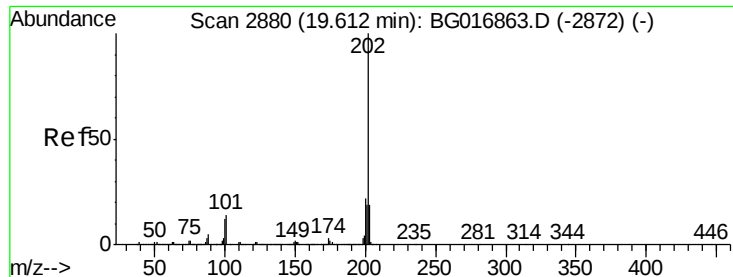


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 42.81 ng

RT: 19.58 min Scan# 2875

Delta R.T. -0.00 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

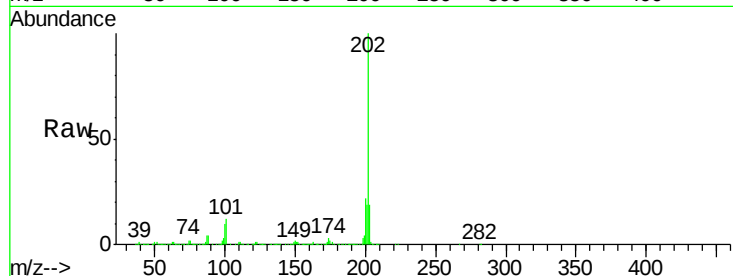
Tgt Ion:202 Resp: 864079

Ion Ratio Lower Upper

202 100

200 22.2 17.9 26.9

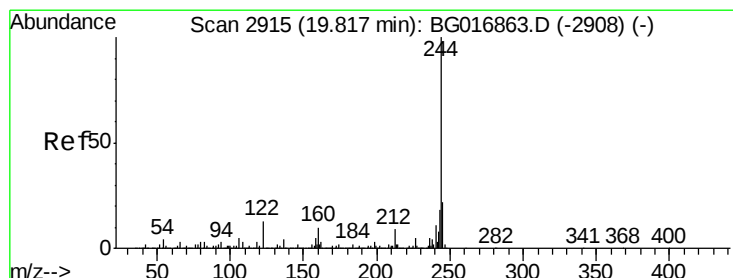
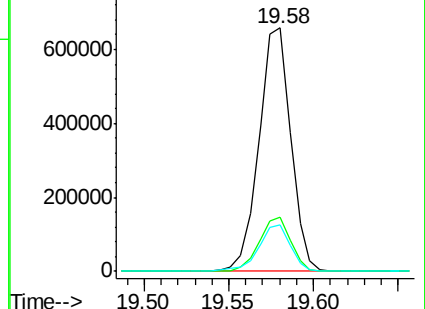
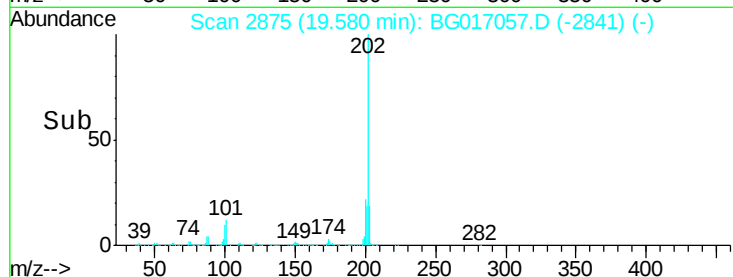
203 18.9 15.2 22.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 81.53 ng

RT: 19.78 min Scan# 2909

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

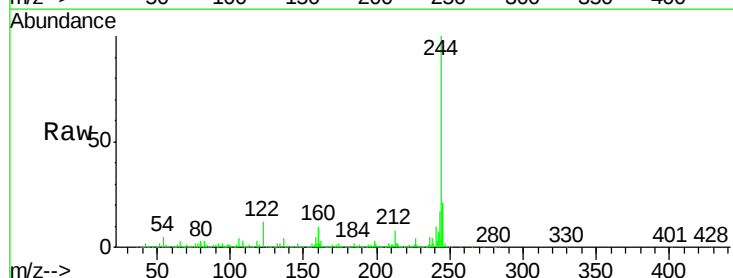
Tgt Ion:244 Resp: 1189354

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

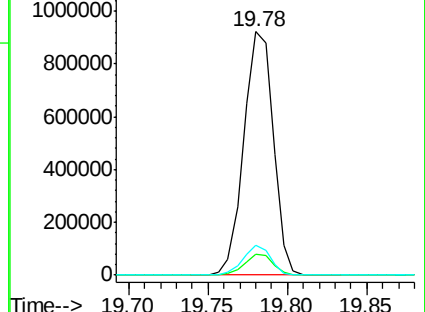
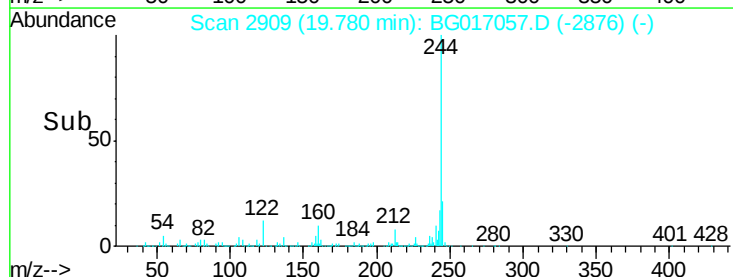
122 12.3 10.4 15.6

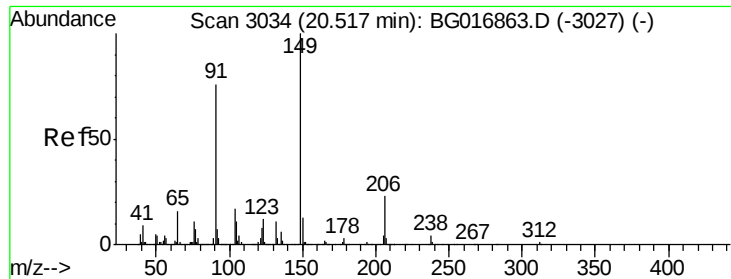


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

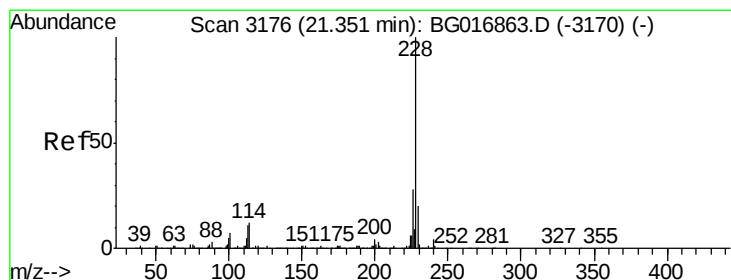
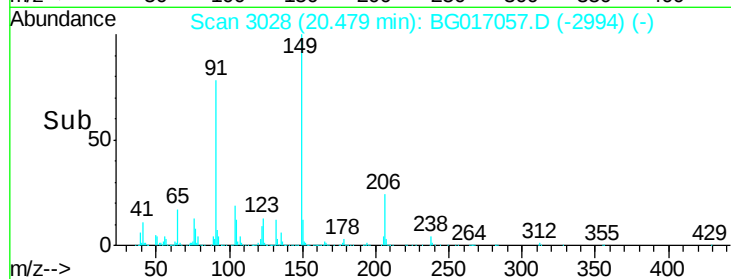
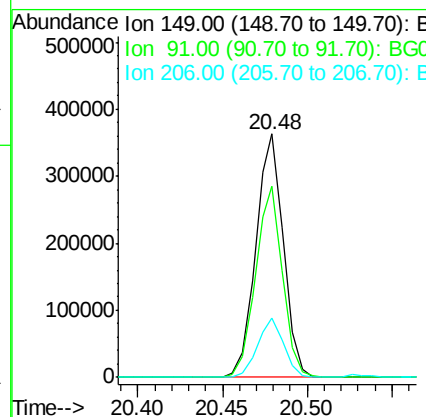
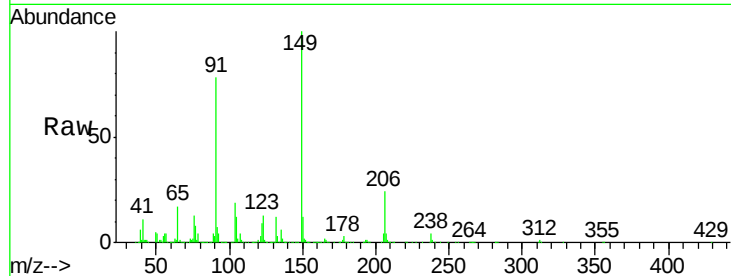




#79  
Butylbenzylphthalate  
Concen: 42.71 ng  
RT: 20.48 min Scan# 3028  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

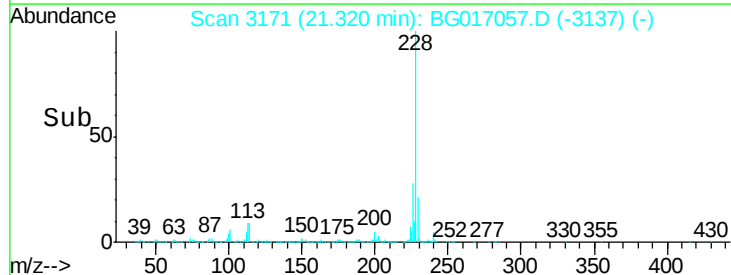
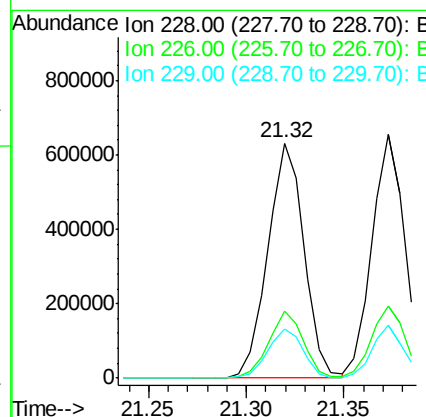
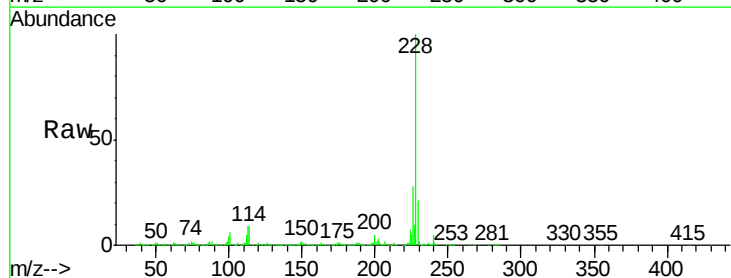
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

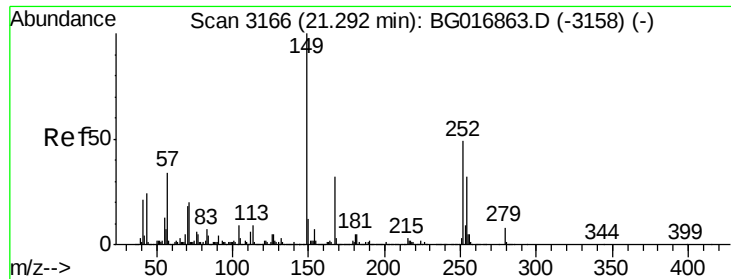
Tgt Ion:149 Resp: 409715  
Ion Ratio Lower Upper  
149 100  
91 78.2 60.6 91.0  
206 24.5 18.4 27.6



#80  
Benzo(a)anthracene  
Concen: 44.10 ng  
RT: 21.32 min Scan# 3171  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion:228 Resp: 809004  
Ion Ratio Lower Upper  
228 100  
226 28.3 22.7 34.1  
229 20.8 16.1 24.1

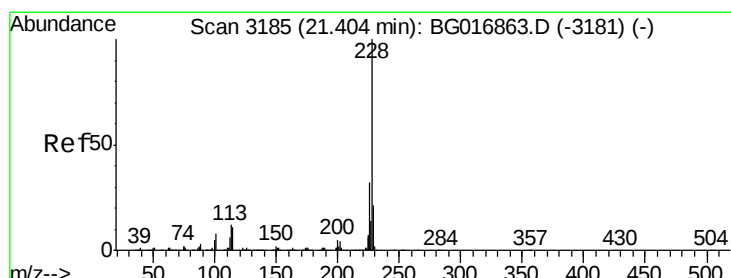
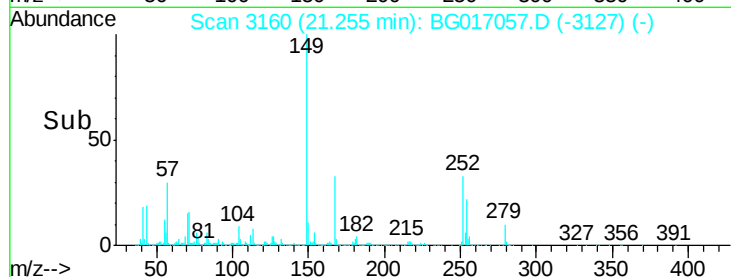
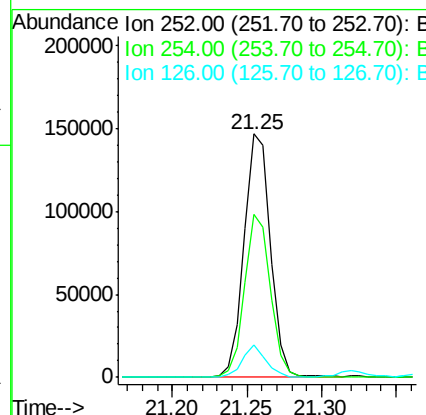
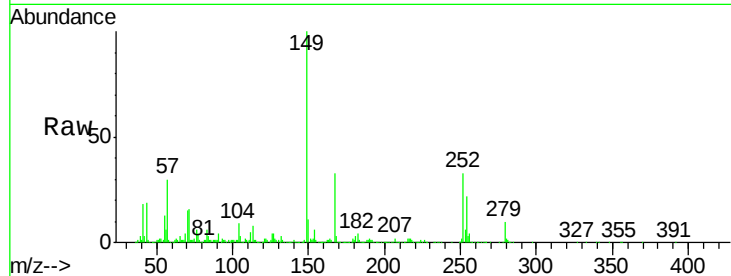




#81  
 3,3'-Dichlorobenzidine  
 Concen: 25.23 ng  
 RT: 21.25 min Scan# 3160  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

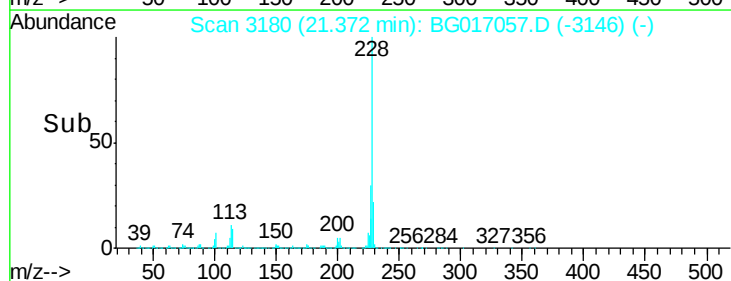
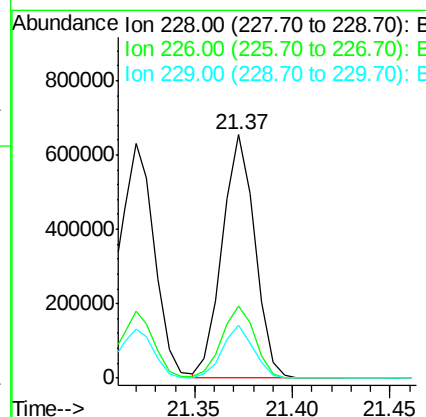
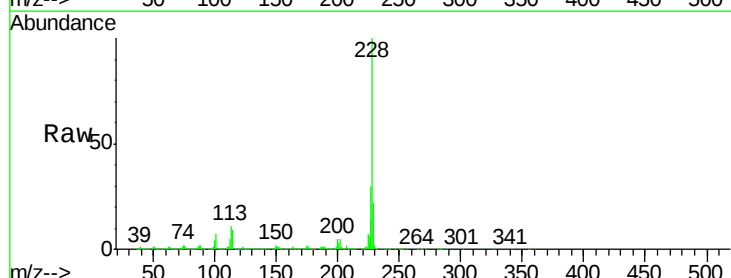
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

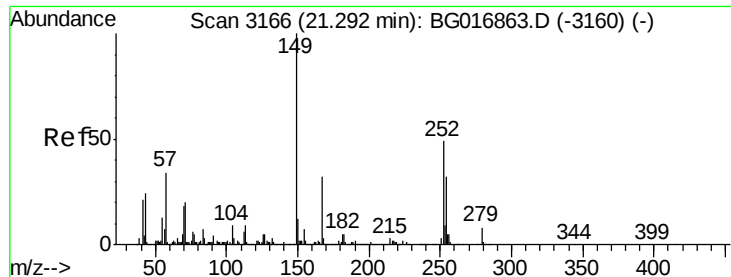
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 67.1  | 51.7  | 77.5  |
| 126     | 13.4  | 8.9   | 13.3# |



#82  
 Chrysene  
 Concen: 44.08 ng  
 RT: 21.37 min Scan# 3180  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.5  | 25.4  | 38.0  |
| 229     | 21.6  | 16.5  | 24.7  |

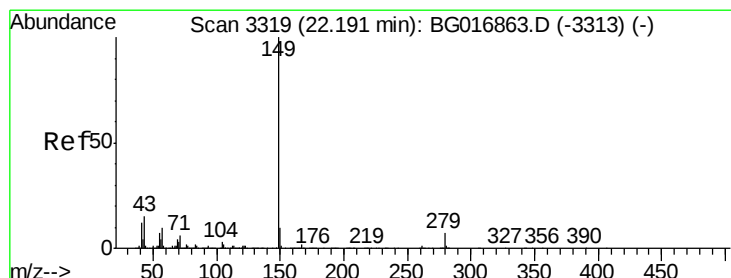
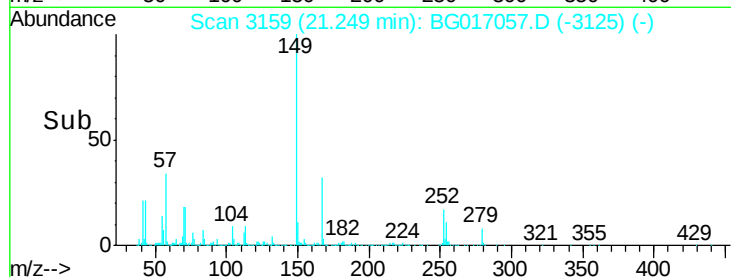
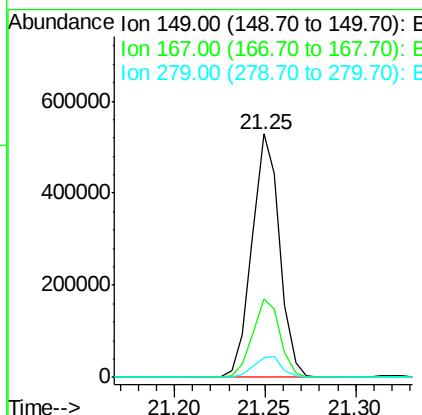
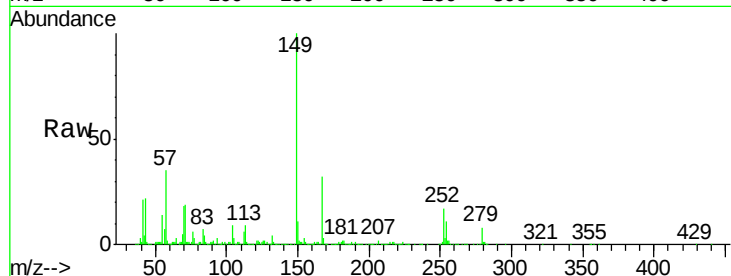




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.43 ng  
 RT: 21.25 min Scan# 3159  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

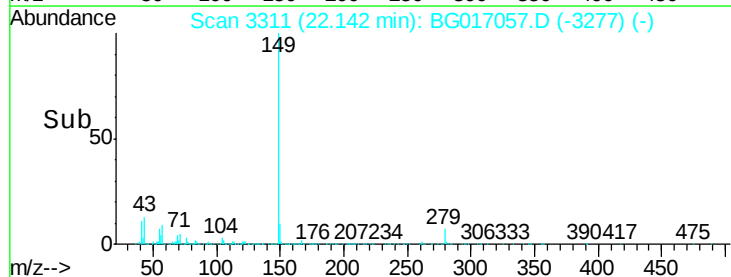
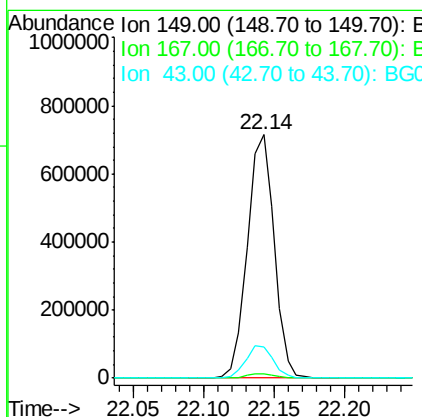
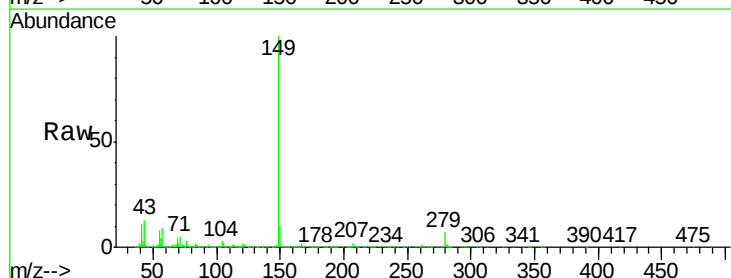
Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

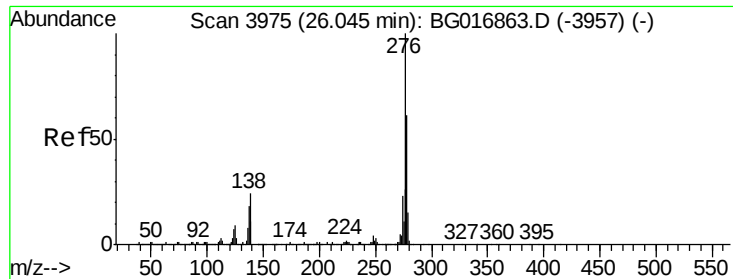
Tgt Ion:149 Resp: 556757  
 Ion Ratio Lower Upper  
 149 100  
 167 32.2 25.4 38.0  
 279 8.0 6.4 9.6



#84  
 Di-n-octyl phthalate  
 Concen: 43.13 ng  
 RT: 22.14 min Scan# 3311  
 Delta R.T. -0.00 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Tgt Ion:149 Resp: 950758  
 Ion Ratio Lower Upper  
 149 100  
 167 1.8 0.0 0.0#  
 43 13.4 0.0 0.0#

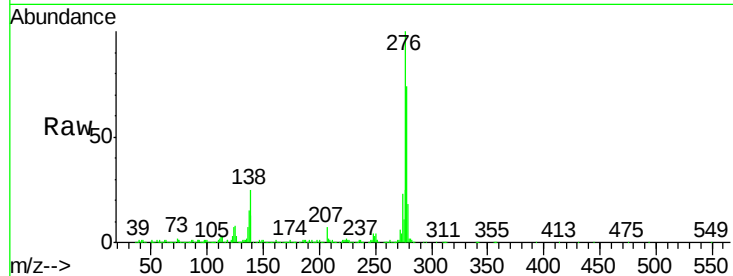




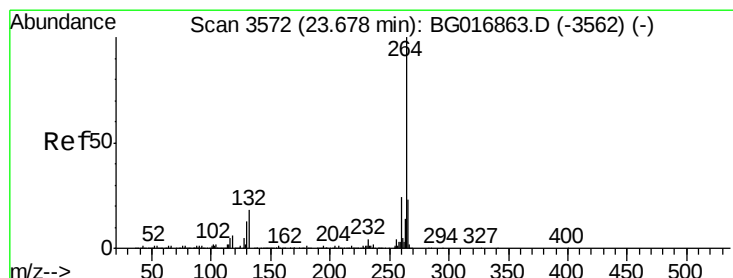
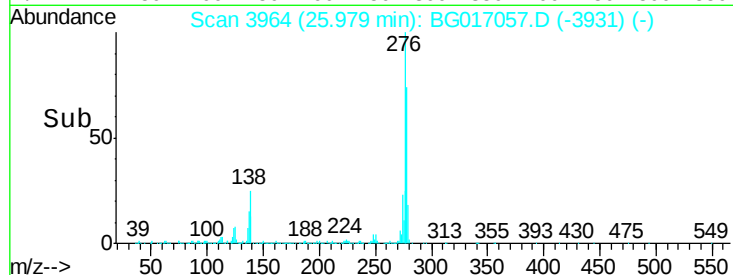
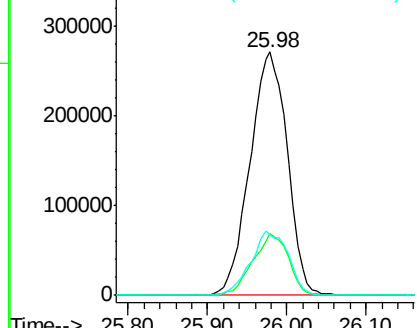
#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 43.49 ng  
 RT: 25.98 min Scan# 3964  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

Instrument :  
 BNA\_G  
 ClientSampleId :  
 PS-26(3-5)MSD

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 24.3  | 0.0   | 0.0#  |
| 277     | 26.4  | 0.0   | 0.0#  |

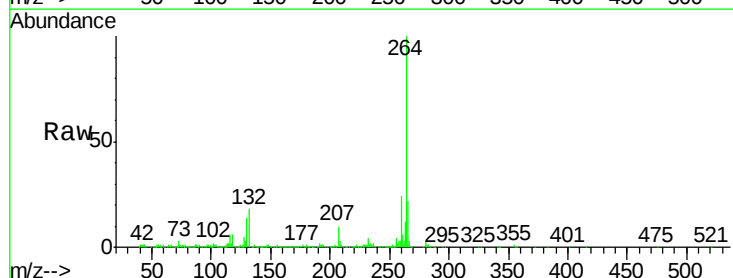


Abundance Ion 276.00 (275.70 to 276.70): E  
 Ion 138.00 (137.70 to 138.70): E  
 Ion 277.00 (276.70 to 277.70): E

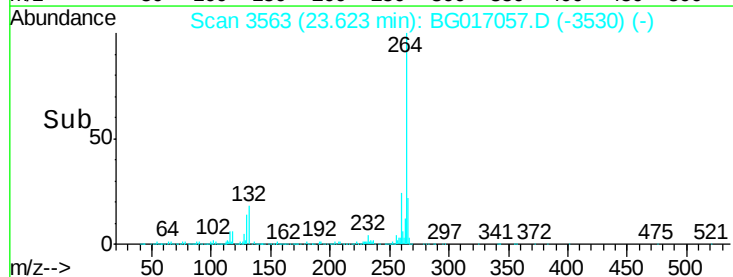
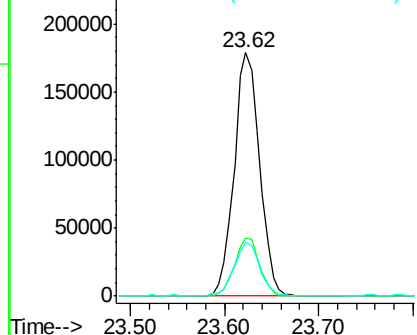


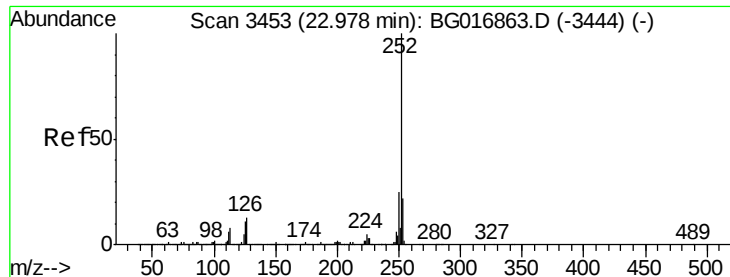
#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.62 min Scan# 3563  
 Delta R.T. -0.01 min  
 Lab File: BG017057.D  
 Acq: 11 May 2015 17:26

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.0  | 19.5  | 29.3  |
| 265     | 22.2  | 18.5  | 27.7  |



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

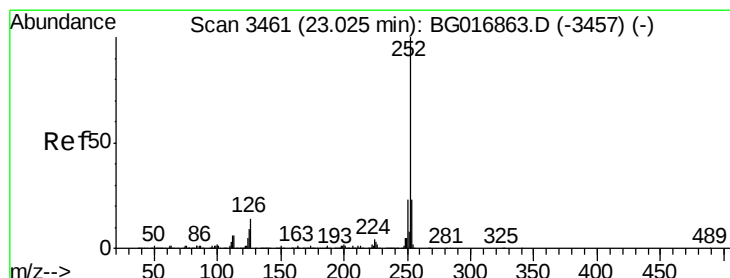
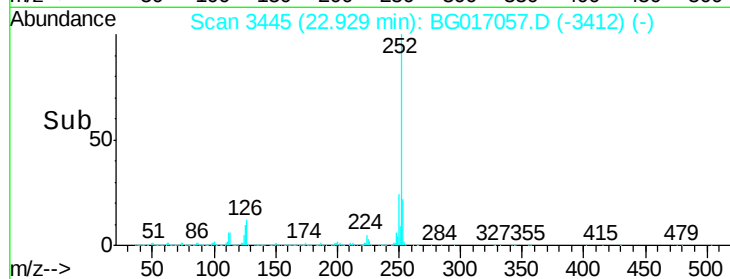
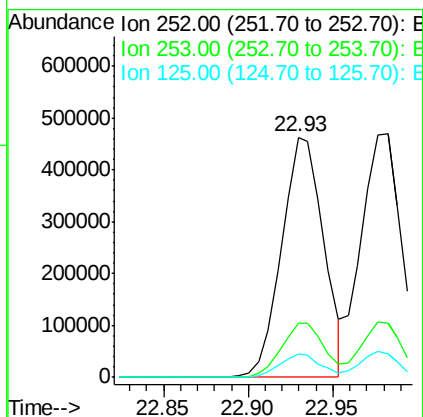
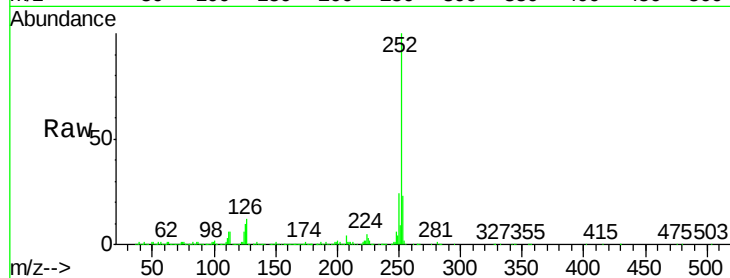




#87  
Benzo(b)fluoranthene  
Concen: 42.66 ng  
RT: 22.93 min Scan# 3445  
Delta R.T. -0.01 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

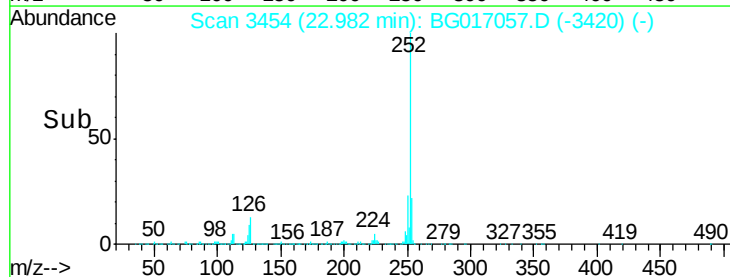
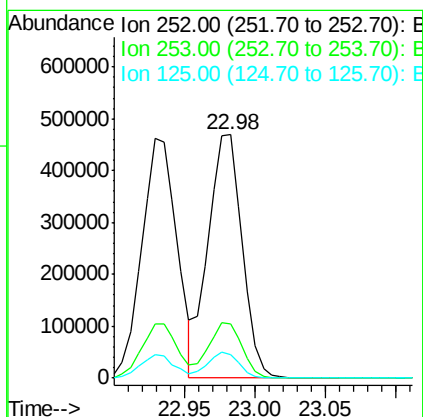
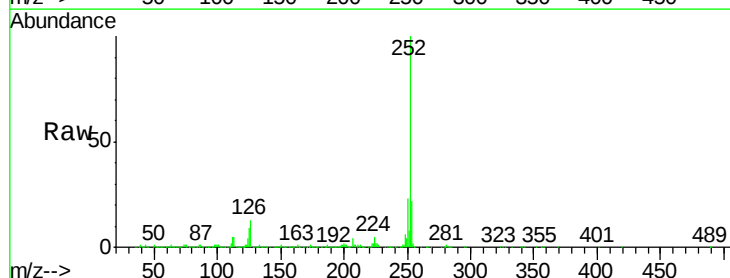
Instrument :  
BNA\_G  
ClientSampleId :  
PS-26(3-5)MSD

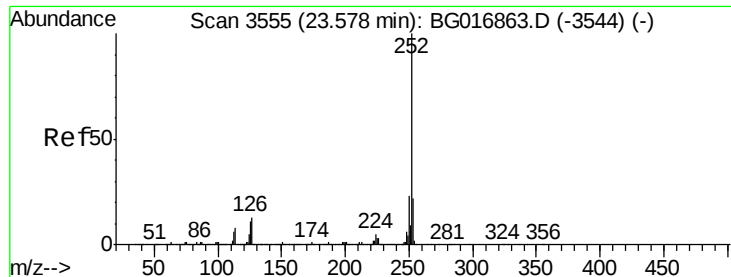
Tgt Ion:252 Resp: 797470  
Ion Ratio Lower Upper  
252 100  
253 22.5 17.4 26.0  
125 9.6 8.6 13.0



#88  
Benzo(k)fluoranthene  
Concen: 43.46 ng  
RT: 22.98 min Scan# 3454  
Delta R.T. -0.00 min  
Lab File: BG017057.D  
Acq: 11 May 2015 17:26

Tgt Ion:252 Resp: 781685  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.4 27.6  
125 9.4 7.9 11.9





#89

Benzo(a)pyrene

Concen: 44.26 ng

RT: 23.52 min Scan# 3546

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD

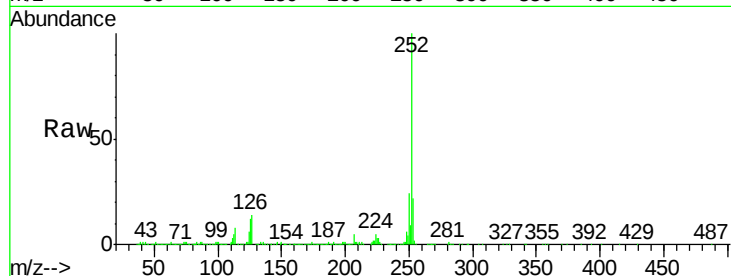
Tgt Ion:252 Resp: 771630

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

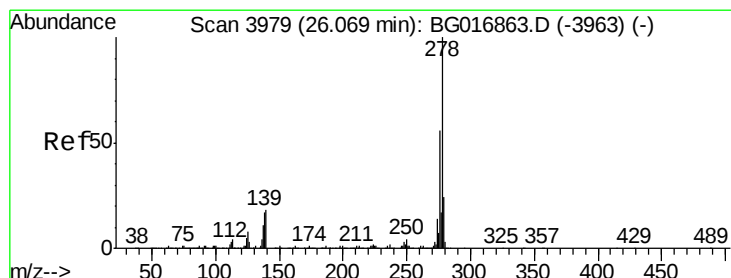
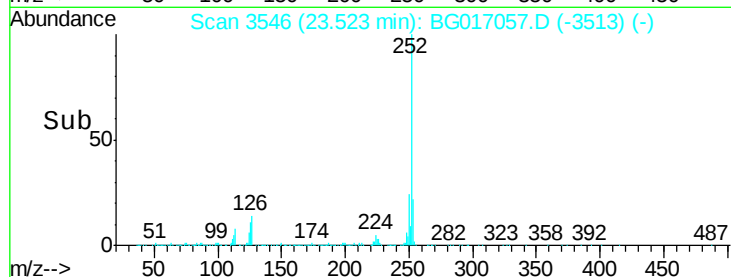
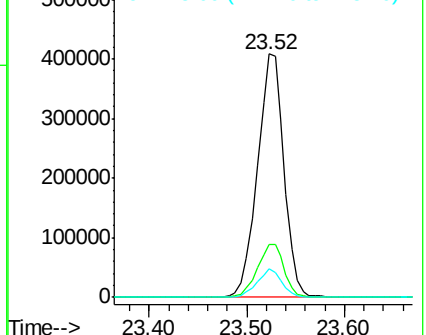
125 11.6 8.5 12.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 42.53 ng

RT: 26.00 min Scan# 3967

Delta R.T. -0.01 min

Lab File: BG017057.D

Acq: 11 May 2015 17:26

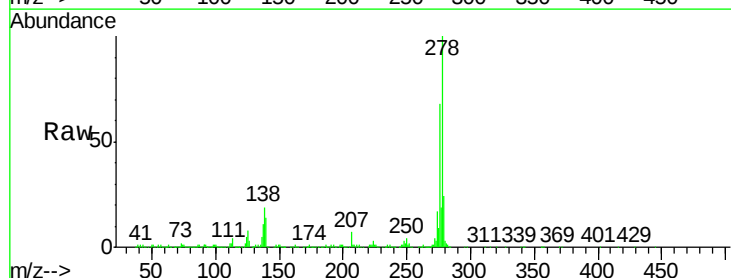
Tgt Ion:278 Resp: 757402

Ion Ratio Lower Upper

278 100

139 14.2 14.2 21.2

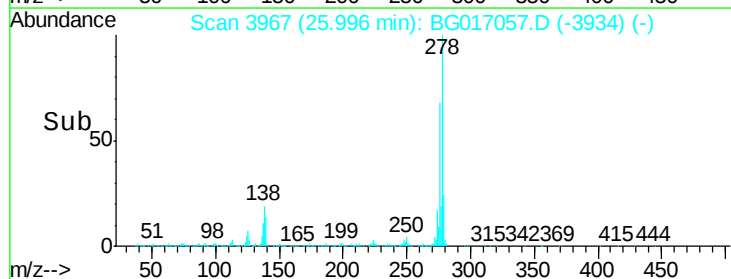
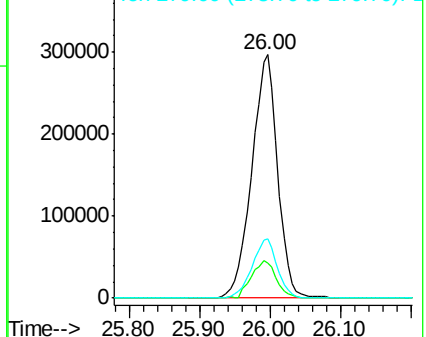
279 24.3 18.9 28.3

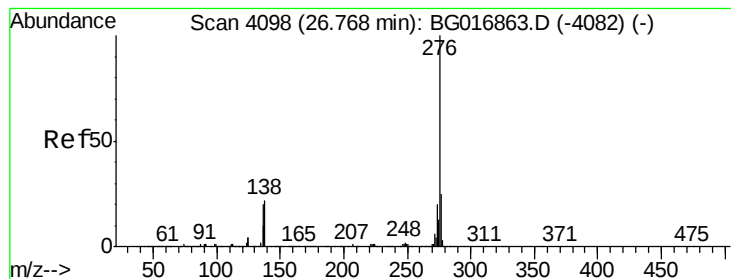


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 43.17 ng

RT: 26.70 min Scan# 4087

Delta R.T. -0.01 min

Lab File: BG017057.D

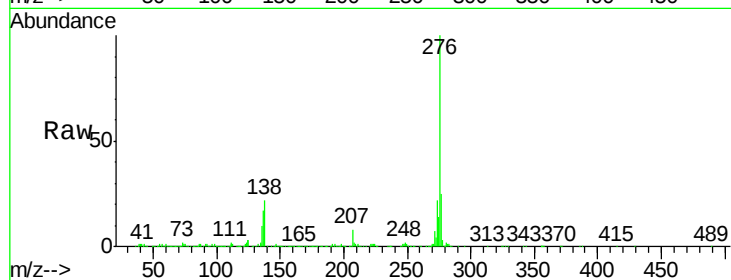
Acq: 11 May 2015 17:26

Instrument :

BNA\_G

ClientSampleId :

PS-26(3-5)MSD



Tgt Ion: 276 Resp: 732048

Ion Ratio Lower Upper

276 100

277 25.3 19.6 29.4

138 21.5 17.5 26.3

