

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\  
 Data File : BG019174.D  
 Acq On : 13 Oct 2015 1:32  
 Operator : UM/NP  
 Sample : G3707-05  
 Misc : LOD 1 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

Quant Time: Oct 13 04:52:27 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 13 03:45:00 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.03  | 152  | 17118    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.84 | 136  | 78670    | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.66 | 164  | 55583    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.41 | 188  | 148947   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.68 | 240  | 176051   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.91 | 264  | 171682   | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |        |        |    |      |
|--------------------------|-------|-----|--------|--------|----|------|
| 5) 2-Fluorophenol        | 5.61  | 112 | 117140 | 139.33 | ng | 0.00 |
| 7) Phenol-d6             | 7.20  | 99  | 178993 | 138.59 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 9.19  | 82  | 122050 | 85.72  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol | 16.15 | 330 | 102203 | 134.93 | ng | 0.00 |
| 44) 2-Fluorobiphenyl     | 13.29 | 172 | 302104 | 83.57  | ng | 0.00 |
| 78) Terphenyl-d14        | 20.02 | 244 | 558179 | 83.75  | ng | 0.00 |

## Target Compounds

|                                |       |     |      |      |    | Qvalue |
|--------------------------------|-------|-----|------|------|----|--------|
| 2) 1,4-Dioxane                 | 3.51  | 88  | 153  | 0.43 | ng | # 1    |
| 3) Pyridine                    | 3.93  | 79  | 133  | 0.12 | ng | # 20   |
| 4) n-Nitrosodimethylamine      | 3.83  | 42  | 486  | 0.79 | ng | # 62   |
| 6) Aniline                     | 7.36  | 93  | 987  | 0.56 | ng | # 98   |
| 8) 2-Chlorophenol              | 7.61  | 128 | 989  | 0.94 | ng | # 84   |
| 9) Benzaldehyde                | 7.17  | 77  | 770  | 0.95 | ng | # 75   |
| 10) Phenol                     | 7.23  | 94  | 1304 | 0.97 | ng | # 82   |
| 11) bis(2-Chloroethyl)ether    | 7.45  | 93  | 764  | 0.75 | ng | # 87   |
| 12) 1,3-Dichlorobenzene        | 7.92  | 146 | 889  | 0.77 | ng | # 73   |
| 13) 1,4-Dichlorobenzene        | 8.06  | 146 | 790  | 0.67 | ng | # 92   |
| 14) 1,2-Dichlorobenzene        | 8.39  | 146 | 955  | 0.84 | ng | # 86   |
| 15) Benzyl Alcohol             | 8.27  | 79  | 776  | 0.67 | ng | # 82   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.57  | 45  | 1884 | 0.87 | ng | # 74   |
| 17) 2-Methylphenol             | 8.47  | 107 | 775  | 0.81 | ng | # 84   |
| 18) Hexachloroethane           | 9.11  | 117 | 223  | 0.50 | ng | # 96   |
| 19) n-Nitroso-di-n-propylamine | 8.83  | 70  | 605  | 0.59 | ng | # 84   |
| 20) 3+4-Methylphenols          | 8.80  | 107 | 985  | 0.71 | ng | # 74   |
| 22) Acetophenone               | 8.86  | 105 | 1270 | 0.69 | ng | # 91   |
| 24) Nitrobenzene               | 9.23  | 77  | 1230 | 0.81 | ng | # 73   |
| 25) Isophorone                 | 9.75  | 82  | 2059 | 0.71 | ng | # 83   |
| 26) 2-Nitrophenol              | 9.95  | 139 | 450  | 0.70 | ng | # 65   |
| 27) 2,4-Dimethylphenol         | 10.01 | 122 | 680  | 0.60 | ng | # 90   |
| 28) bis(2-Chloroethoxy)methane | 10.24 | 93  | 1134 | 0.73 | ng | # 72   |
| 29) 2,4-Dichlorophenol         | 10.49 | 162 | 843  | 0.71 | ng | # 92   |
| 30) 1,2,4-Trichlorobenzene     | 10.70 | 180 | 1064 | 0.84 | ng | # 92   |
| 31) Naphthalene                | 10.89 | 128 | 3264 | 0.86 | ng | # 98   |
| 32) Benzoic acid               | 10.01 | 122 | 680  | 8.61 | ng | # 18   |
| 33) 4-Chloroaniline            | 11.00 | 127 | 1005 | 0.57 | ng | # 87   |
| 34) Hexachlorobutadiene        | 11.18 | 225 | 710  | 0.82 | ng | # 92   |
| 36) 4-Chloro-3-methylphenol    | 12.11 | 107 | 1194 | 0.80 | ng | # 84   |
| 37) 2-Methylnaphthalene        | 12.49 | 142 | 2339 | 0.80 | ng | # 74   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.86 | 216 | 1370 | 0.86 | ng | # 72   |
| 40) Hexachlorocyclopentadiene  | 12.85 | 237 | 76   | 0.09 | ng | # 27   |
| 42) 2,4,6-Trichlorophenol      | 13.09 | 196 | 652  | 0.59 | ng | # 70   |

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 Misc : LOD 1 PPM  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
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Quant Time: Oct 13 04:52:27 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Oct 13 03:45:00 2015  
 Response via : Initial Calibration

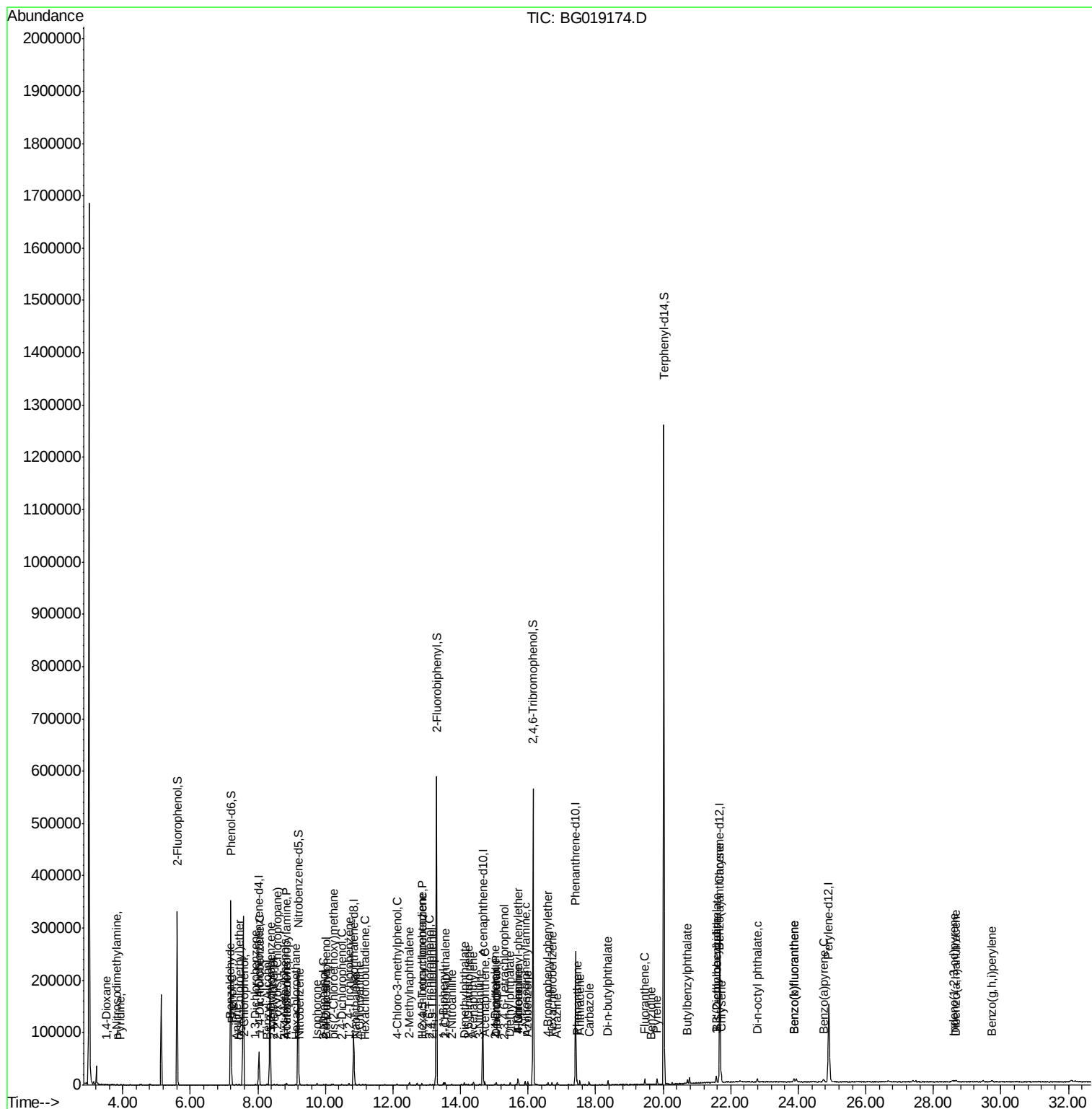
| Internal Standards             | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|--------------------------------|-------|------|----------|------|-------|----------|
| 43) 2,4,5-Trichlorophenol      | 13.18 | 196  | 742      | 0.63 | nq    | # 78     |
| 45) 1,1'-Biphenyl              | 13.49 | 154  | 3309     | 0.82 | nq    | 97       |
| 46) 2-Chloronaphthalene        | 13.53 | 162  | 2853     | 0.92 | nq    | # 91     |
| 47) 2-Nitroaniline             | 13.74 | 65   | 789      | 0.63 | nq    | # 88     |
| 48) Acenaphthylene             | 14.38 | 152  | 4504     | 0.82 | nq    | 96       |
| 49) Dimethylphthalate          | 14.11 | 163  | 3514     | 0.80 | nq    | # 94     |
| 50) 2,6-Dinitrotoluene         | 14.23 | 165  | 580      | 0.62 | nq    | # 61     |
| 51) Acenaphthene               | 14.72 | 154  | 2503     | 0.76 | nq    | 94       |
| 52) 3-Nitroaniline             | 14.56 | 138  | 528      | 0.51 | nq    | # 93     |
| 54) Dibenzofuran               | 15.06 | 168  | 4345     | 0.89 | nq    | 89       |
| 55) 4-Nitrophenol              | 15.05 | 139  | 1922     | 2.45 | nq    | # 1      |
| 56) 2,4-Dinitrotoluene         | 15.01 | 165  | 709      | 0.52 | nq    | # 96     |
| 57) Fluorene                   | 15.71 | 166  | 3624     | 0.86 | nq    | # 84     |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.29 | 232  | 571      | 0.51 | nq    | # 46     |
| 59) Diethylphthalate           | 15.47 | 149  | 3603     | 0.79 | nq    | # 92     |
| 60) 4-Chlorophenyl-phenylether | 15.70 | 204  | 1954     | 0.91 | nq    | 94       |
| 61) 4-Nitroaniline             | 15.71 | 138  | 454      | 0.40 | nq    | # 72     |
| 62) Azobenzene                 | 15.99 | 77   | 3586     | 0.85 | nq    | 95       |
| 65) n-Nitrosodiphenylamine     | 15.91 | 169  | 3077     | 0.75 | nq    | 87       |
| 66) 4-Bromophenyl-phenylether  | 16.59 | 248  | 1126     | 0.74 | nq    | 93       |
| 67) Hexachlorobenzene          | 16.71 | 284  | 1449     | 0.82 | nq    | 95       |
| 68) Atrazine                   | 16.85 | 200  | 1070     | 0.63 | nq    | 83       |
| 70) Phenanthrene               | 17.45 | 178  | 6566     | 0.86 | nq    | 94       |
| 71) Anthracene                 | 17.54 | 178  | 6050     | 0.79 | nq    | 99       |
| 72) Carbazole                  | 17.81 | 167  | 5338     | 0.74 | nq    | # 91     |
| 73) Di-n-butylphthalate        | 18.36 | 149  | 6049     | 0.69 | nq    | # 96     |
| 74) Fluoranthene               | 19.45 | 202  | 7814     | 0.79 | nq    | 93       |
| 76) Benidine                   | 19.65 | 184  | 505      | 0.11 | nq    | # 66     |
| 77) Pvrene                     | 19.82 | 202  | 7806     | 0.79 | nq    | # 94     |
| 79) Butylbenzylphthalate       | 20.71 | 149  | 2394     | 0.60 | nq    | # 89     |
| 80) Benzo(a)anthracene         | 21.66 | 228  | 8115     | 0.86 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 21.58 | 252  | 1944     | 0.56 | nq    | # 85     |
| 82) Chrysene                   | 21.72 | 228  | 7214     | 0.81 | nq    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 3651     | 0.65 | nq    | # 93     |
| 84) Di-n-octyl phthalate       | 22.79 | 149  | 6199     | 0.64 | nq    | # 98     |
| 85) Indeno(1,2,3-cd)pyrene     | 28.60 | 276  | 4677     | 0.43 | nq    | # 56     |
| 87) Benzo(b)fluoranthene       | 23.88 | 252  | 7298     | 0.79 | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 23.88 | 252  | 7298     | 0.80 | nq    | 97       |
| 89) Benzo(a)pyrene             | 24.75 | 252  | 6373     | 0.73 | nq    | # 78     |
| 90) Dibenzo(a,h)anthracene     | 28.66 | 278  | 3066     | 0.33 | nq    | # 77     |
| 91) Benzo(g,h,i)perylene       | 29.72 | 276  | 5193     | 0.60 | nq    | 93       |

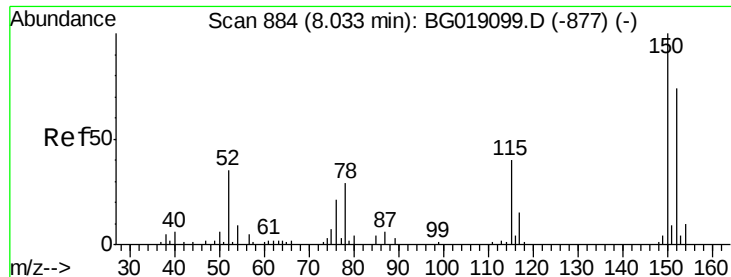
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Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\  
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Operator  : UM/NP  
Sample    : G3707-05  
Misc      : LOD 1 PPM  
ALS Vial  : 10    Sample Multiplier: 1
```

**Instrument :**  
BNA\_G  
**ClientSampleId :**  
LOD-WATER2015-01

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Oct 13 03:45:00 2015  
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 883

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

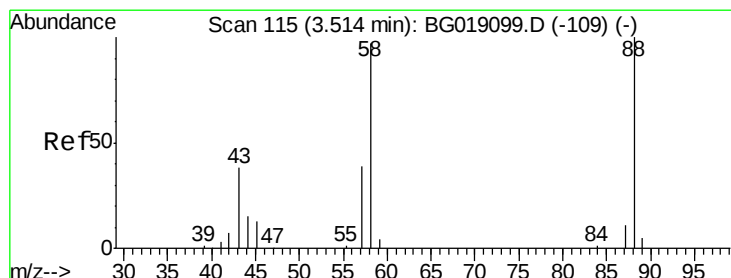
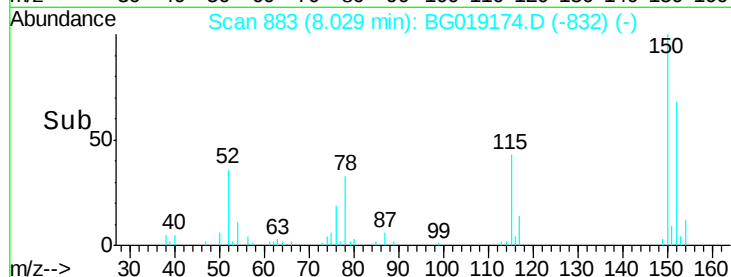
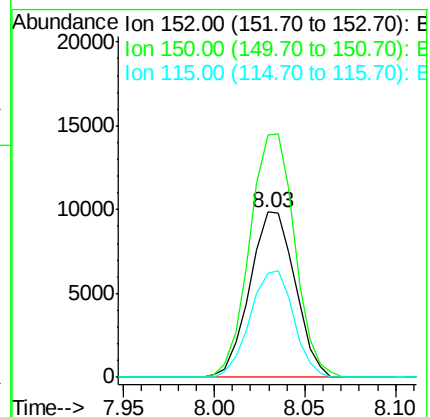
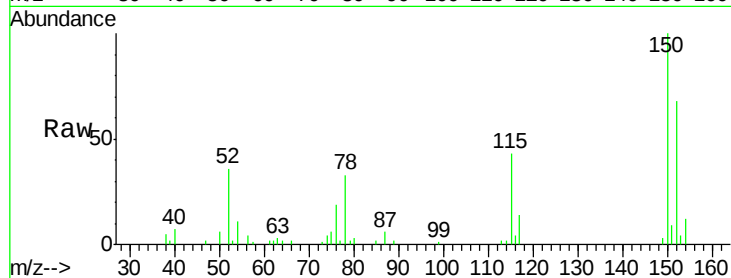
Tot Ion:152 Resp: 17118

Ion Ratio Lower Upper

152 100

150 147.1 108.2 162.2

115 63.3 43.2 64.8



#2

1,4-Dioxane

Concen: 0.43 ng

RT: 3.51 min Scan# 114

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

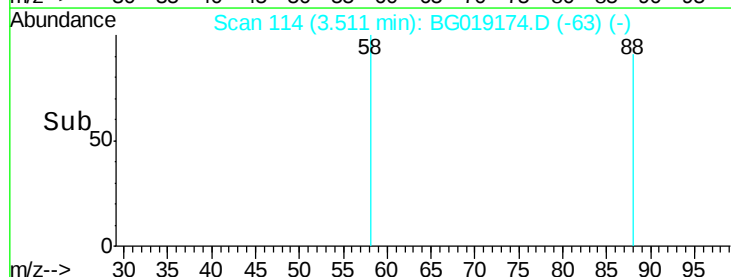
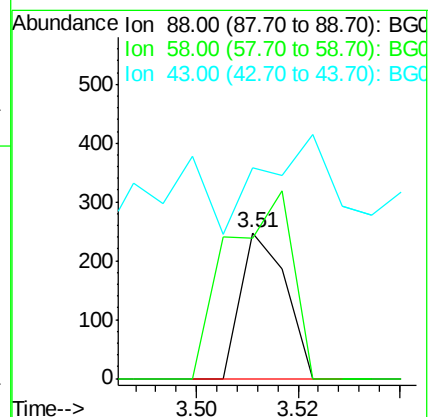
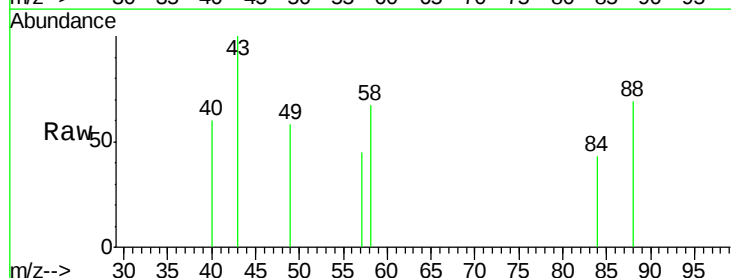
Tgt Ion: 88 Resp: 153

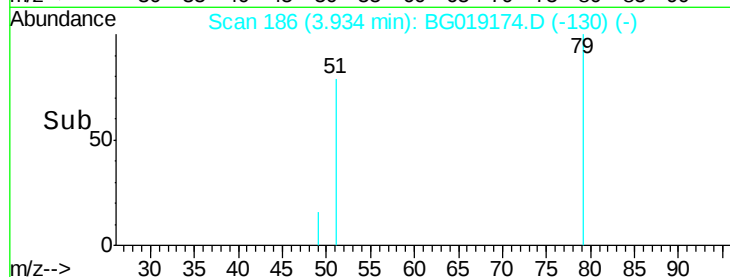
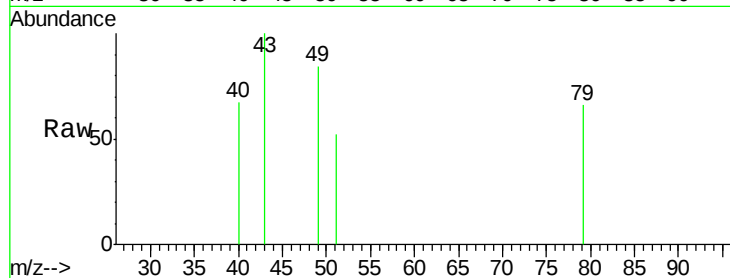
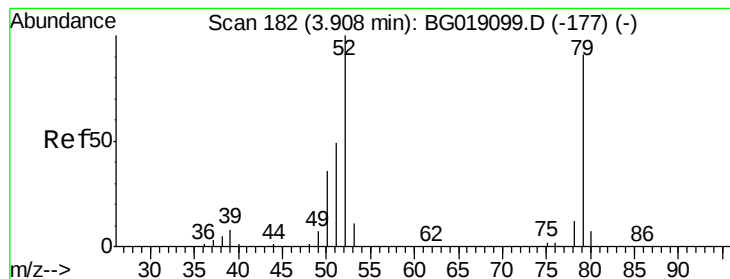
Ion Ratio Lower Upper

88 100

58 183.7 81.1 121.7#

43 164.7 31.0 46.6#





#3

Pvridine

Concen: 0.12 ng

RT: 3.93 min Scan# 186

Delta R.T. 0.03 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

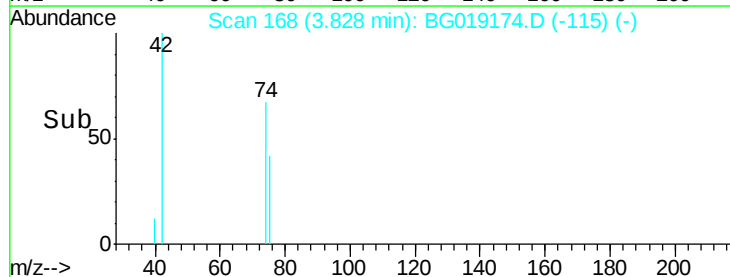
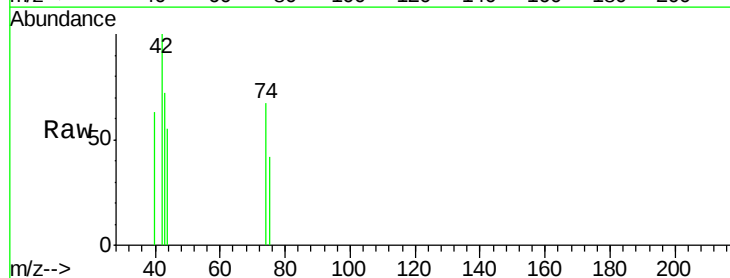
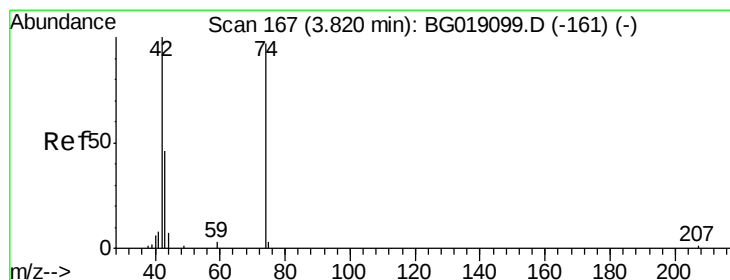
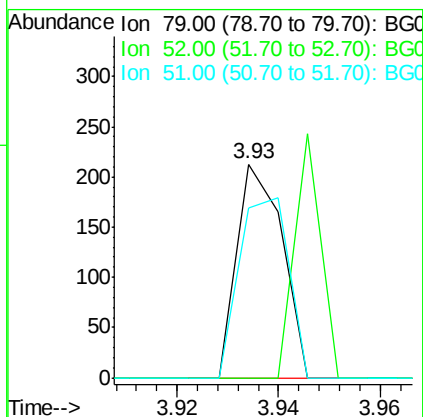
Tot Ion: 79 Resp: 133

Ion Ratio Lower Upper

79 100

52 0.0 88.3 132.5#

51 79.3 44.6 66.8#



#4

n-Nitrosodimethylamine

Concen: 0.79 ng

RT: 3.83 min Scan# 168

Delta R.T. 0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

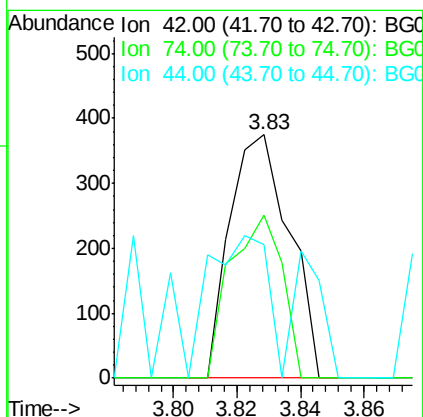
Tgt Ion: 42 Resp: 486

Ion Ratio Lower Upper

42 100

74 66.9 77.3 115.9#

44 54.7 7.2 10.8#





#5

2-Fluorophenol

Concen: 139.33 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

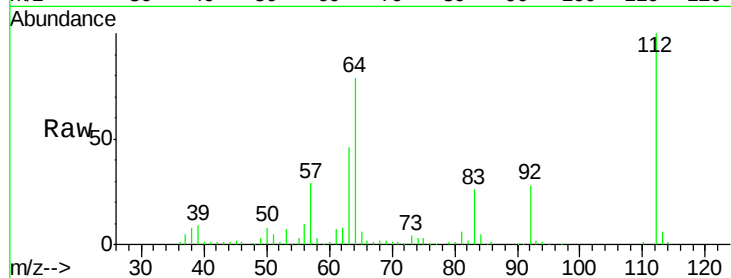
Tot Ion:112 Resp: 117140

Ion Ratio Lower Upper

112 100

64 79.3 59.0 88.4

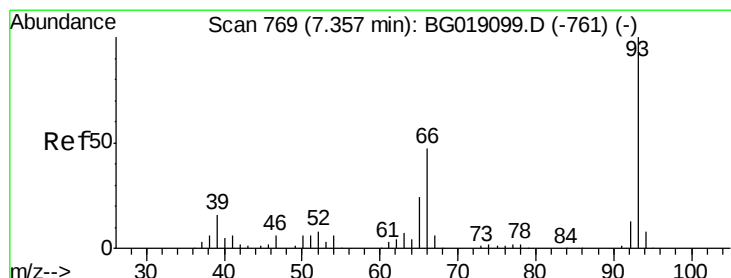
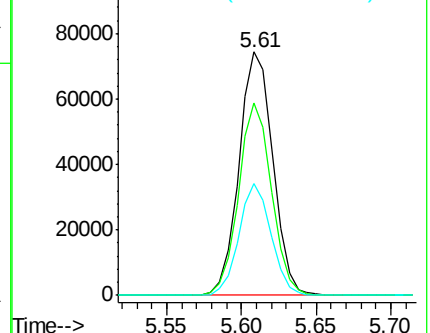
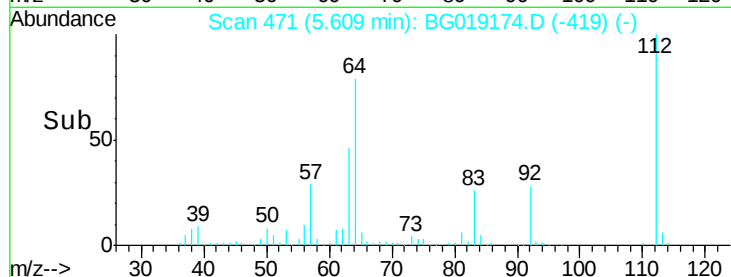
63 45.8 34.7 52.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 0.56 ng

RT: 7.36 min Scan# 769

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

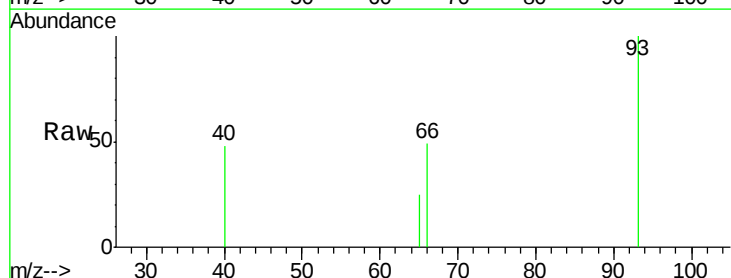
Tgt Ion: 93 Resp: 987

Ion Ratio Lower Upper

93 100

66 48.6 37.4 56.2

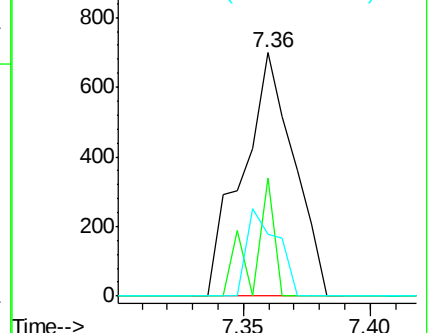
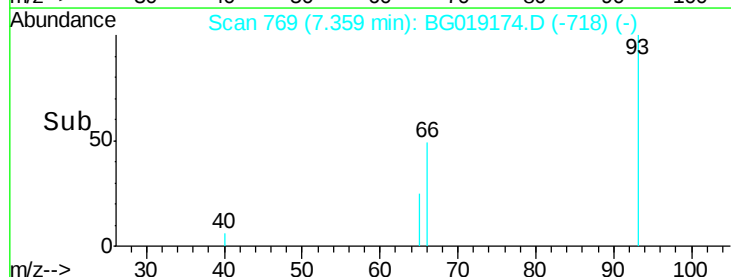
65 25.5 19.6 29.4



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: 138.59 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

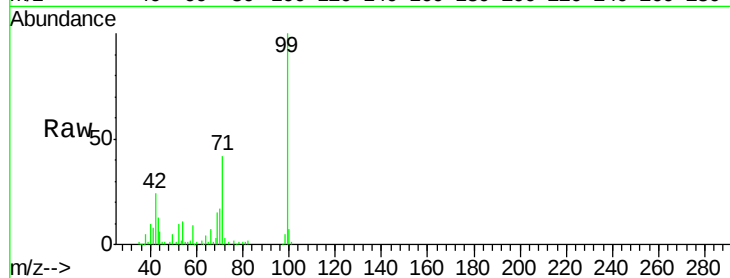
Tot Ion: 99 Resp: 178993

Ion Ratio Lower Upper

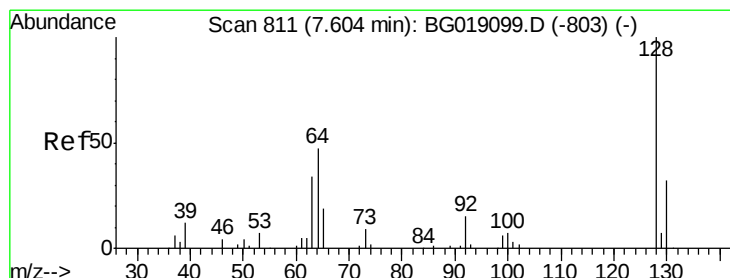
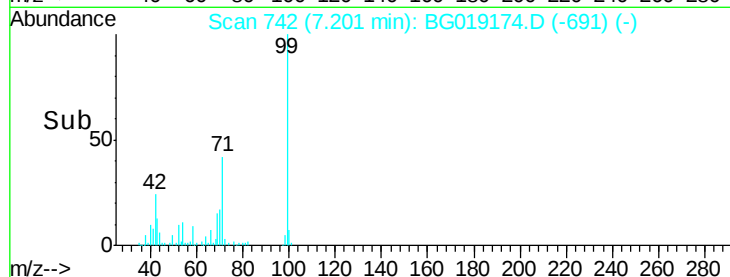
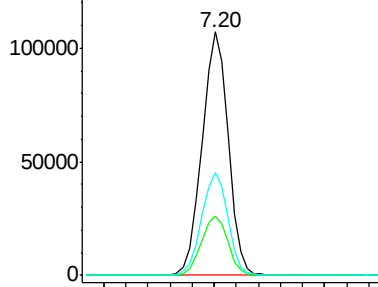
99 100

42 24.5 19.5 29.3

71 42.4 31.4 47.0



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



#8

2-Chlorophenol

Concen: 0.94 ng

RT: 7.61 min Scan# 811

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

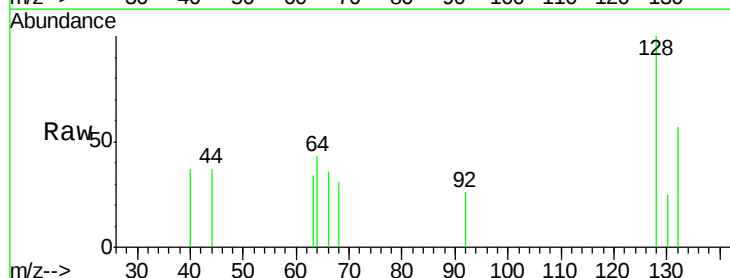
Tgt Ion:128 Resp: 989

Ion Ratio Lower Upper

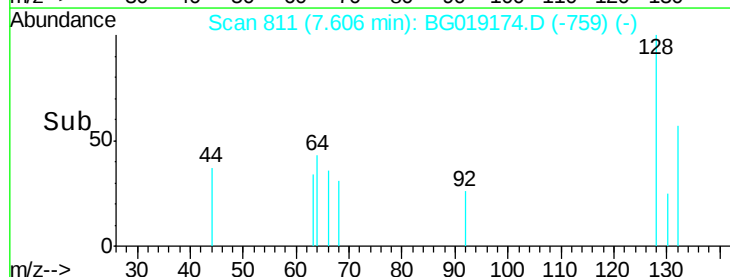
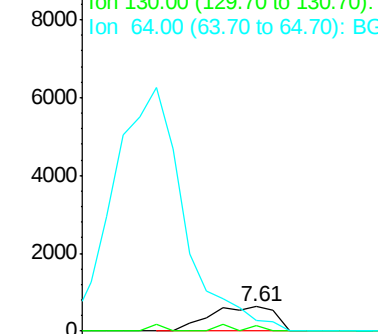
128 100

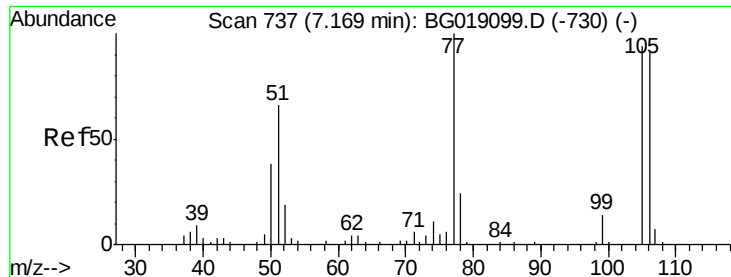
130 25.0 12.3 52.3

64 42.7 35.8 75.8



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





#9

Benzaldehyde

Concen: 0.95 ng

RT: 7.17 min Scan# 737

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

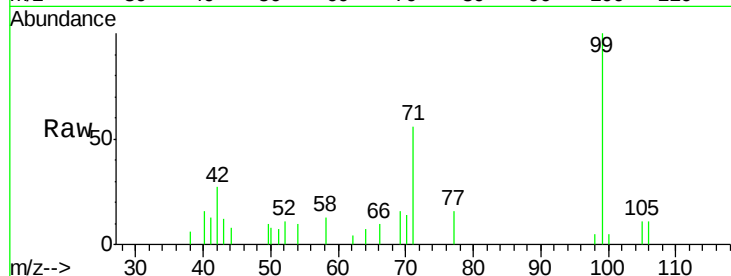
Tot Ion: 77 Resp: 770

Ion Ratio Lower Upper

77 100

105 70.4 73.7 113.7#

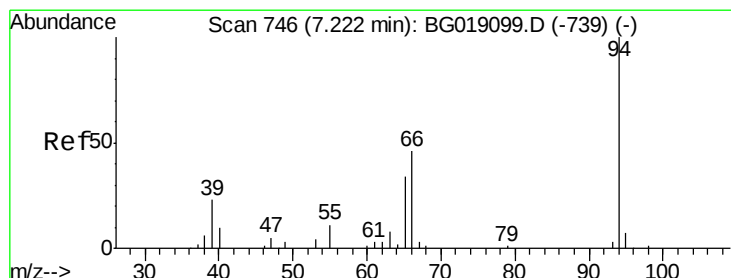
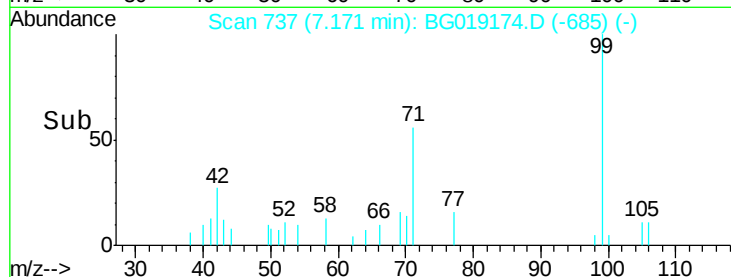
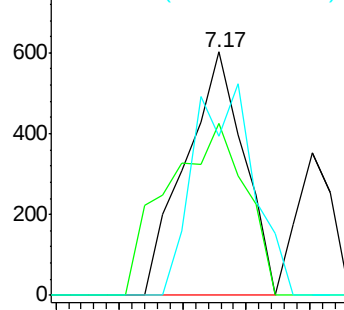
106 65.6 71.0 111.0#



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: 0.97 ng

RT: 7.23 min Scan# 747

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

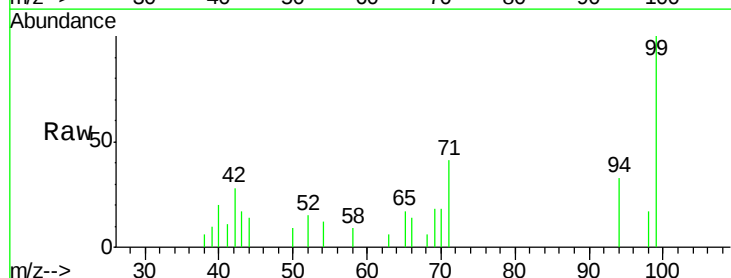
Tgt Ion: 94 Resp: 1304

Ion Ratio Lower Upper

94 100

65 52.5 15.2 55.2

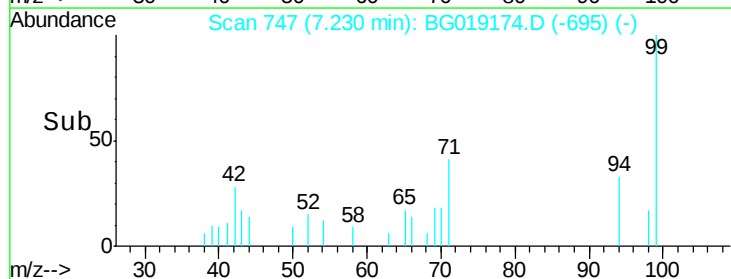
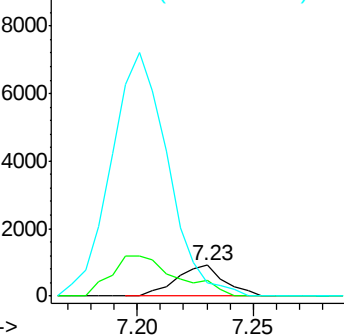
66 41.9 28.7 68.7



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

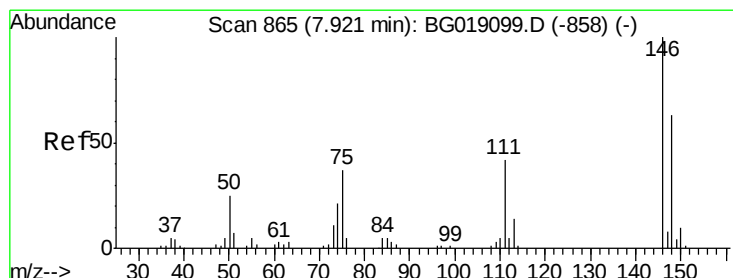
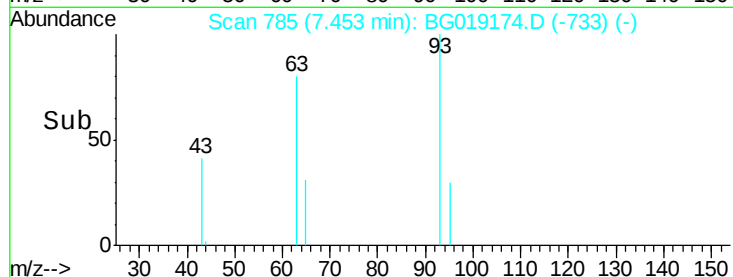
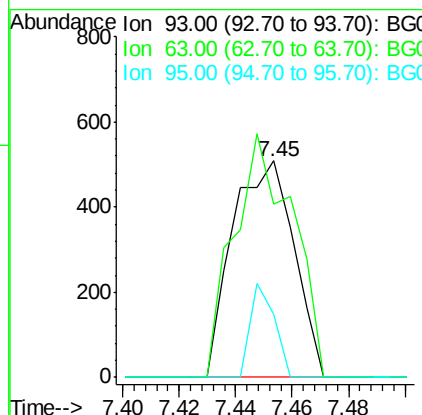
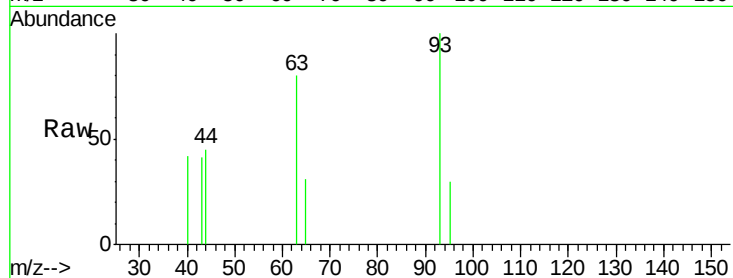




#11  
bis(2-Chloroethyl)ether  
Concen: 0.75 ng  
RT: 7.45 min Scan# 785  
Delta R.T. 0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

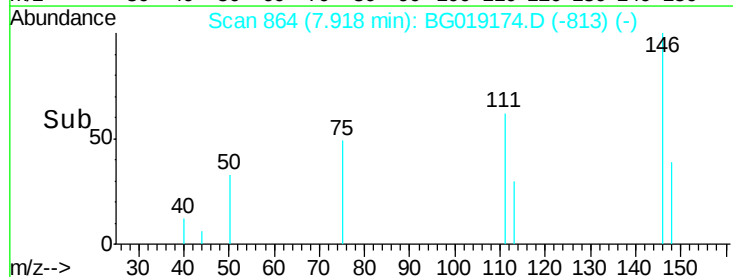
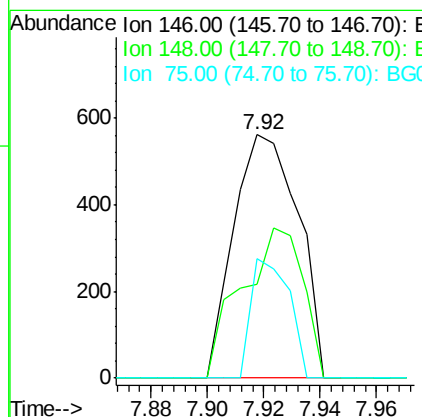
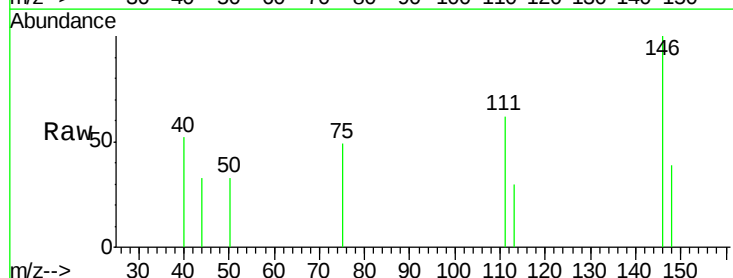
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

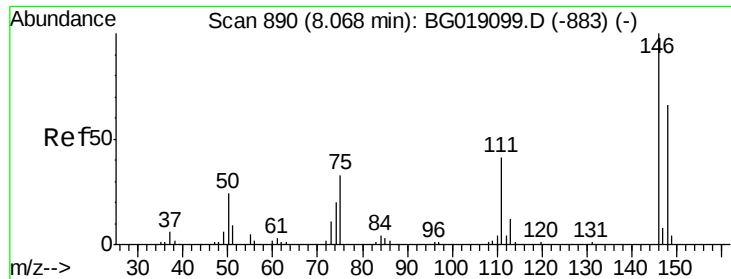
Tot Ion: 93 Resp: 764  
Ion Ratio Lower Upper  
93 100  
63 80.1 75.3 115.3  
95 29.5 12.9 52.9



#12  
1,3-Dichlorobenzene  
Concen: 0.77 ng  
RT: 7.92 min Scan# 864  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion: 146 Resp: 889  
Ion Ratio Lower Upper  
146 100  
148 38.8 50.2 75.4#  
75 49.3 29.3 43.9#

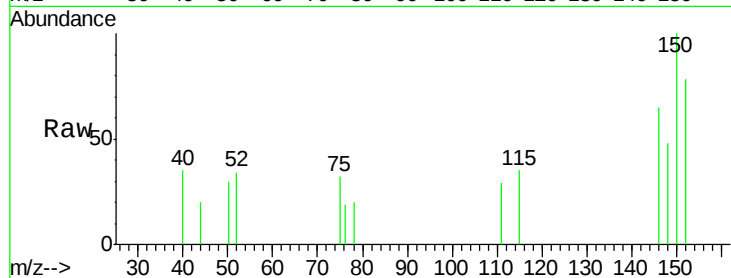




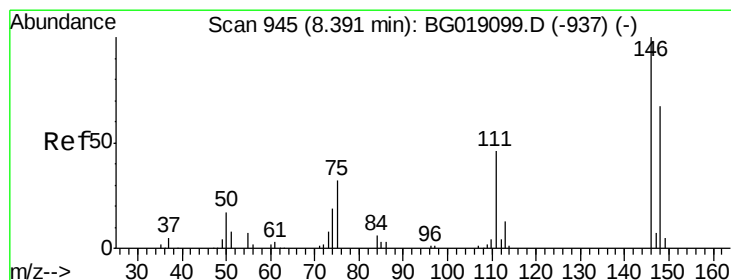
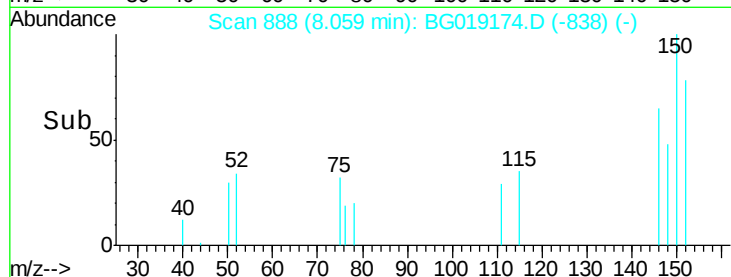
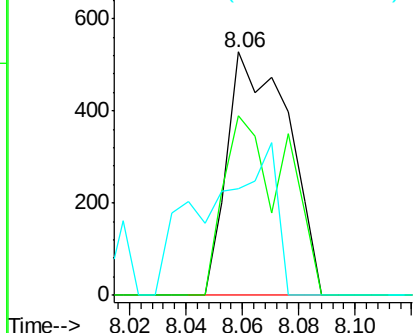
#13  
 1,4-Dichlorobenzene  
 Concen: 0.67 ng  
 RT: 8.06 min Scan# 888  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

Tot Ion:146 Resp: 790  
 Ion Ratio Lower Upper  
 146 100  
 148 73.9 52.9 79.3  
 111 43.9 33.1 49.7

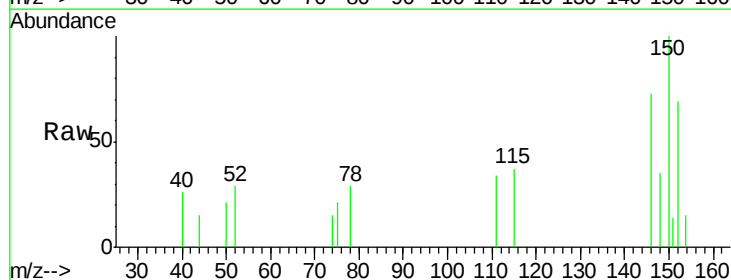


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

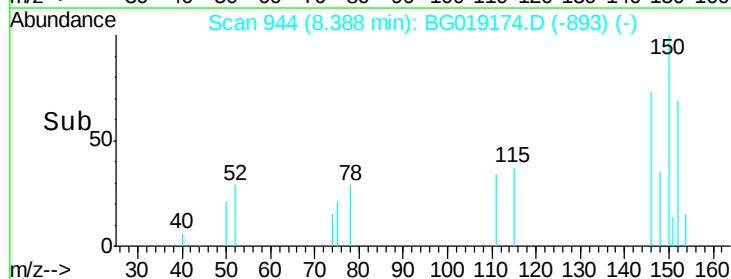
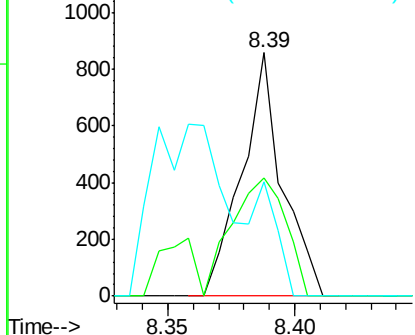


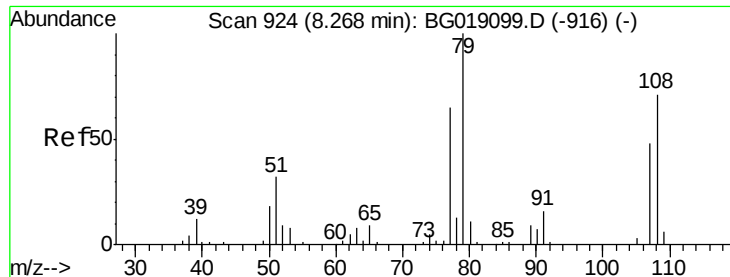
#14  
 1,2-Dichlorobenzene  
 Concen: 0.84 ng  
 RT: 8.39 min Scan# 944  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:146 Resp: 955  
 Ion Ratio Lower Upper  
 146 100  
 148 48.3 53.6 80.4#  
 111 46.7 37.3 55.9



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





#15

Benzyl Alcohol

Concen: 0.67 ng

RT: 8.27 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

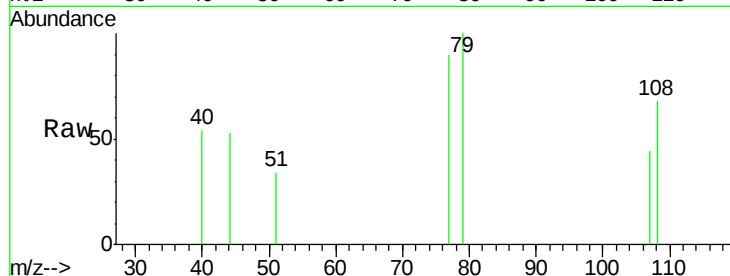
Tot Ion: 79 Resp: 776

Ion Ratio Lower Upper

79 100

108 67.6 56.6 84.8

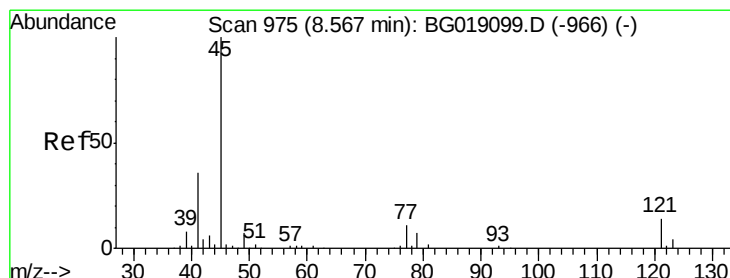
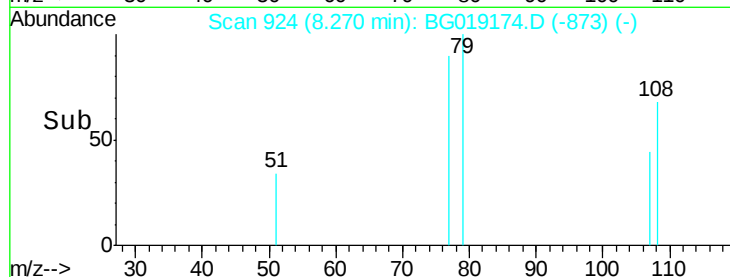
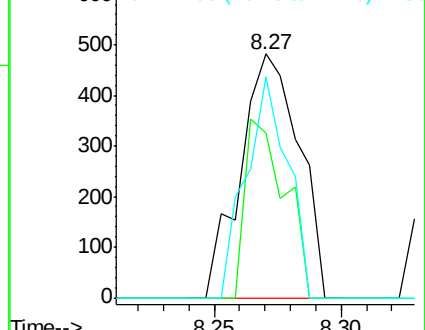
77 90.5 51.6 77.4#



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: 0.87 ng

RT: 8.57 min Scan# 975

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

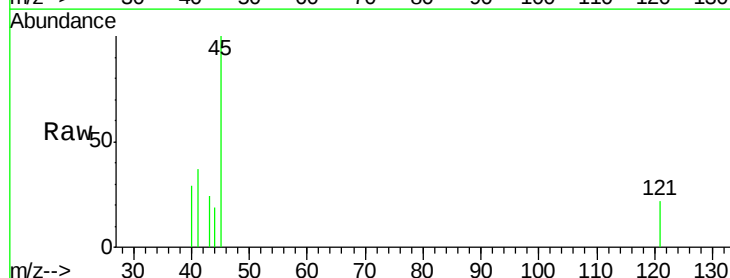
Tgt Ion: 45 Resp: 1884

Ion Ratio Lower Upper

45 100

77 0.0 0.0 30.8

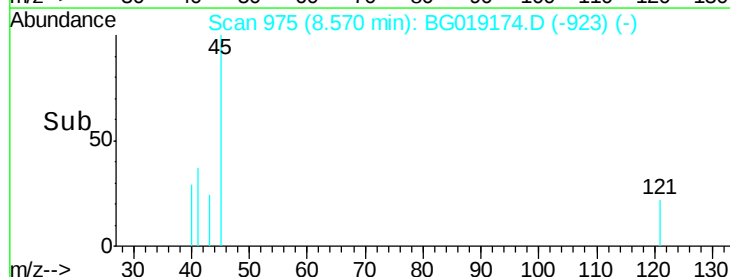
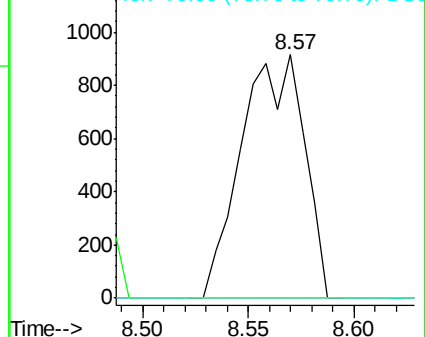
79 0.0 0.0 27.5

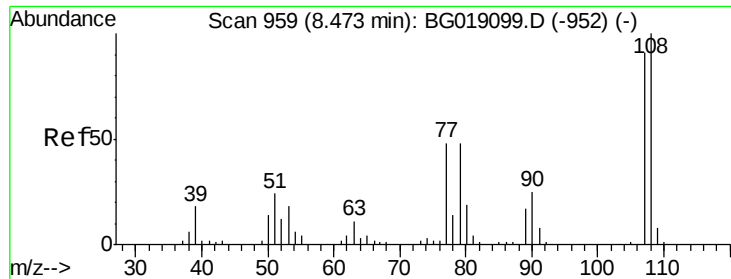


Abundance Ion 45.00 (44.70 to 45.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

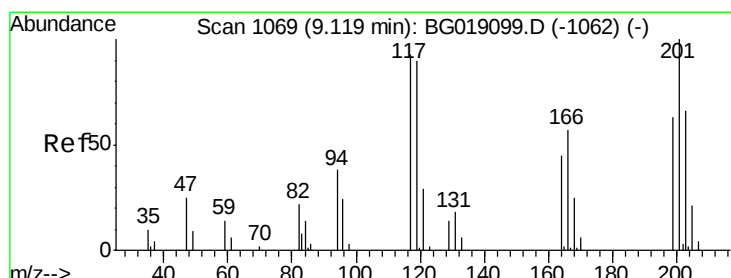
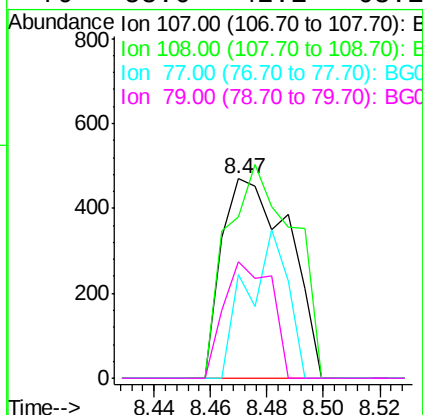
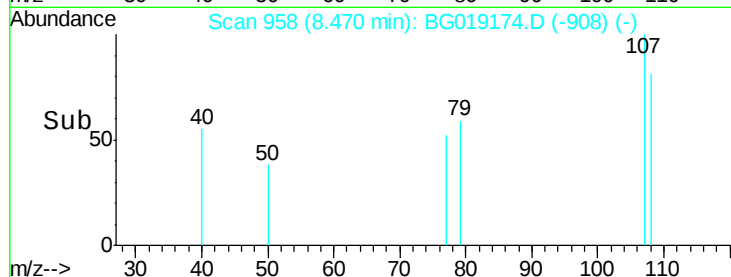
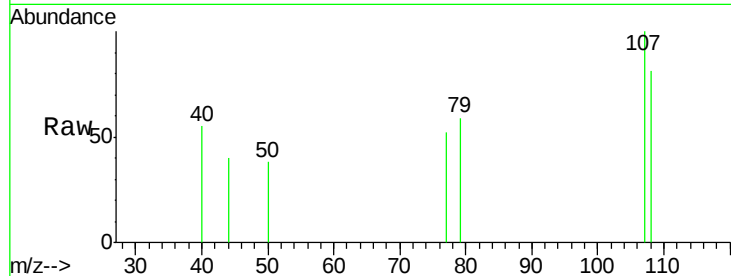




#17  
2-Methylphenol  
Concen: 0.81 ng  
RT: 8.47 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

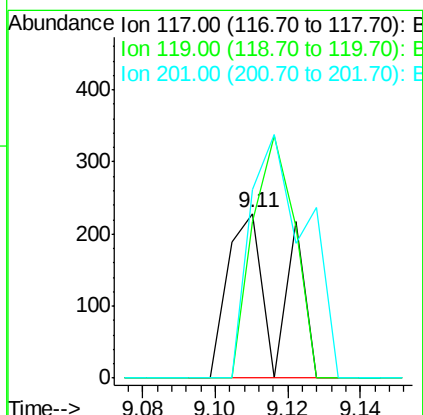
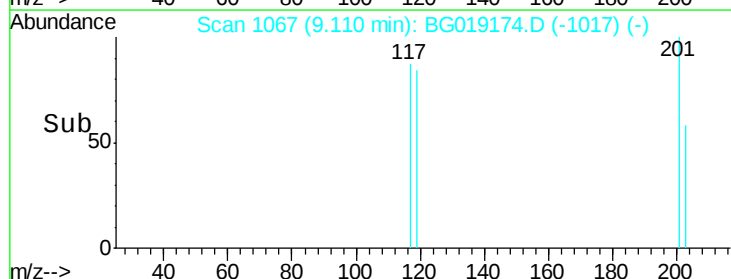
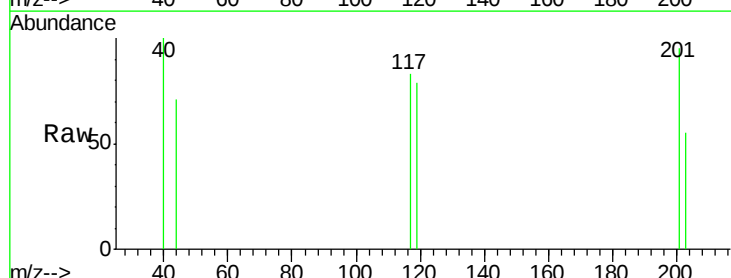
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

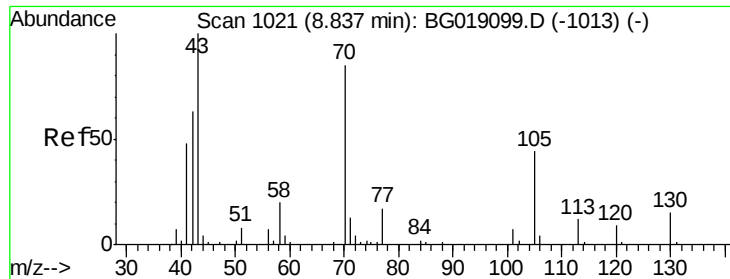
Tot Ion:107 Resp: 775  
Ion Ratio Lower Upper  
107 100  
108 81.2 87.7 131.5#  
77 52.0 42.2 63.2  
79 58.6 42.1 63.1



#18  
Hexachloroethane  
Concen: 0.50 ng  
RT: 9.11 min Scan# 1067  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:117 Resp: 223  
Ion Ratio Lower Upper  
117 100  
119 95.6 77.0 115.4  
201 114.5 85.6 128.4

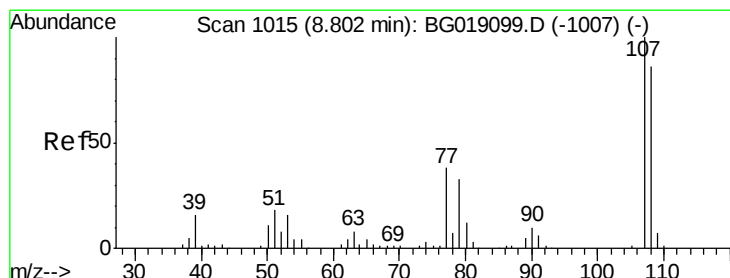
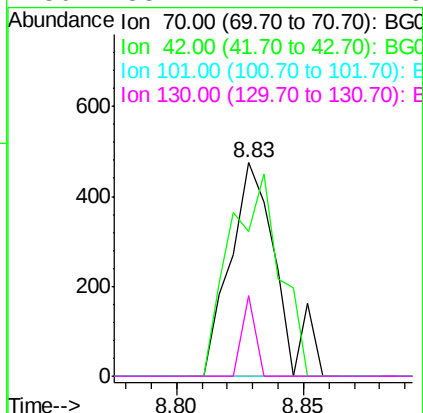
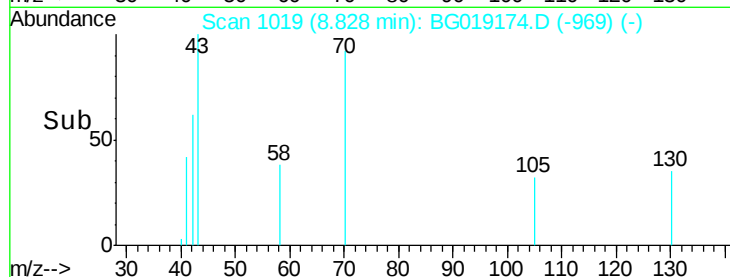
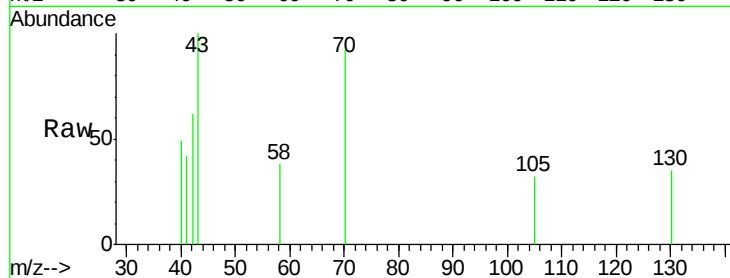




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.59 ng  
RT: 8.83 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

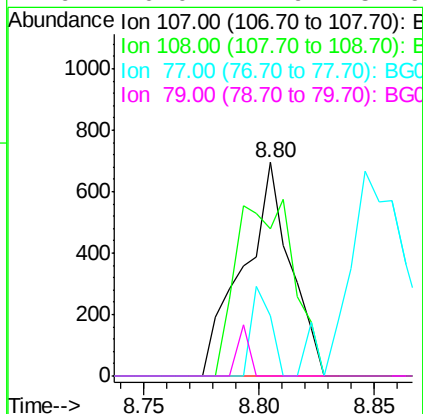
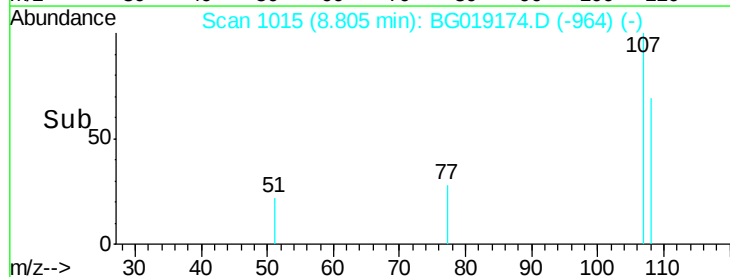
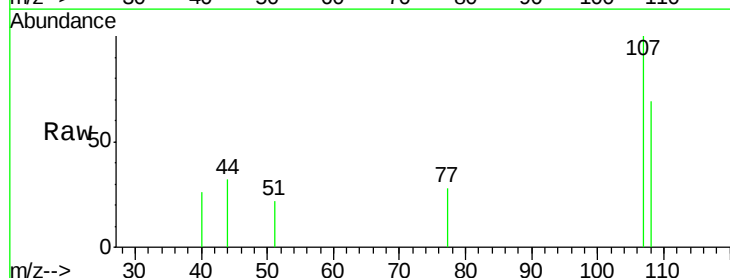
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

Tot Ion: 70 Resp: 605  
Ion Ratio Lower Upper  
70 100  
42 67.6 59.8 89.8  
101 0.0 7.0 10.4#  
130 38.1 14.4 21.6#



#20  
3+4-Methylphenols  
Concen: 0.71 ng  
RT: 8.80 min Scan# 1015  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion: 107 Resp: 985  
Ion Ratio Lower Upper  
107 100  
108 69.1 66.2 106.2  
77 28.1 17.8 57.8  
79 0.0 12.9 52.9#

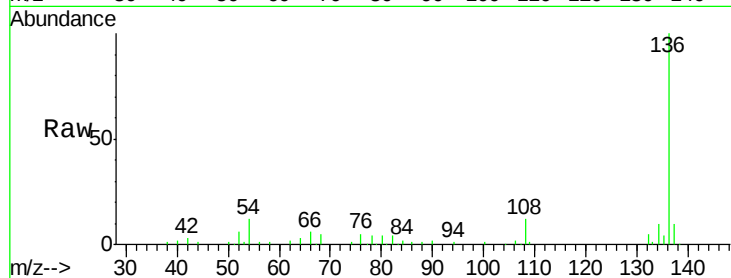




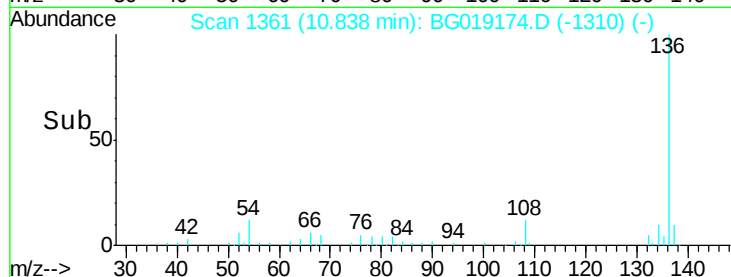
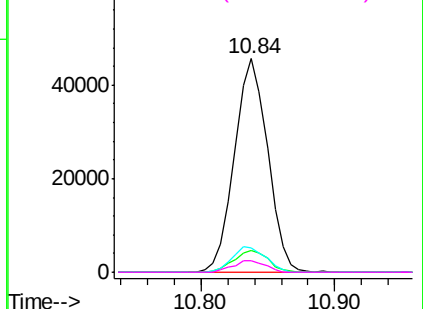
#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.84 min Scan# 1361  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:136 | Resp: | 78670     |
| Ion Ratio   | Lower | Upper     |
| 136         | 100   |           |
| 137         | 10.3  | 9.0 13.4  |
| 54          | 11.7  | 10.1 15.1 |
| 68          | 5.3   | 4.4 6.6   |

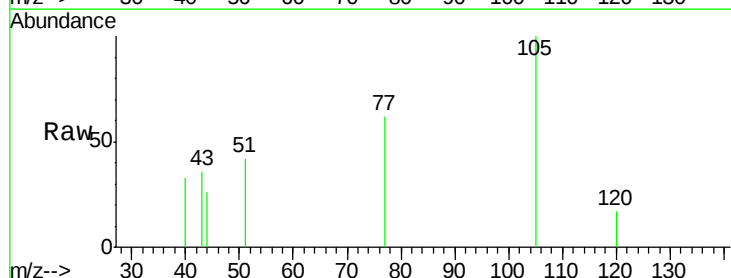


Abundance Ion 136.00 (135.70 to 136.70): E  
Ion 137.00 (136.70 to 137.70): E  
Ion 54.00 (53.70 to 54.70): BGC  
Ion 68.00 (67.70 to 68.70): BGC

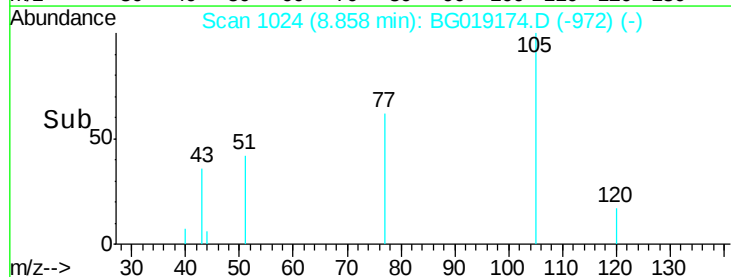
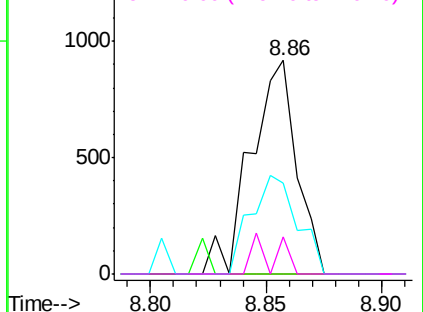


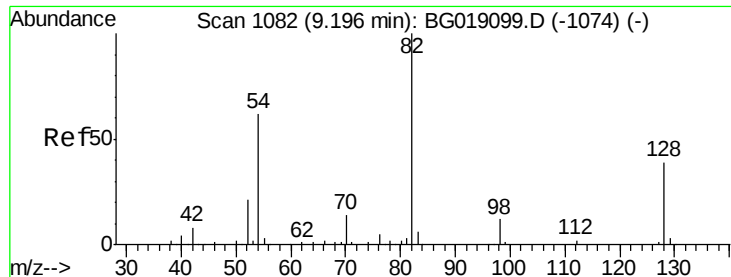
#22  
Acetophenone  
Concen: 0.69 ng  
RT: 8.86 min Scan# 1024  
Delta R.T. 0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:105 | Resp: | 1270      |
| Ion Ratio   | Lower | Upper     |
| 105         | 100   |           |
| 71          | 0.0   | 2.2 3.2#  |
| 51          | 42.3  | 29.2 43.8 |
| 120         | 17.3  | 16.6 24.8 |



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

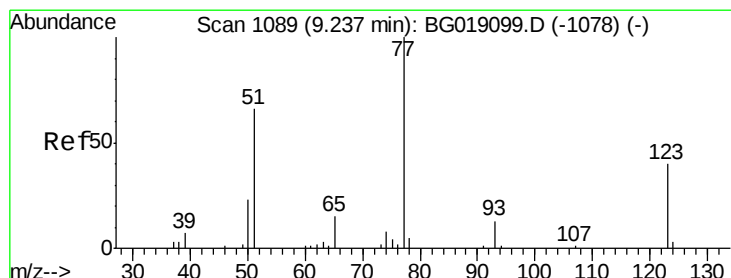
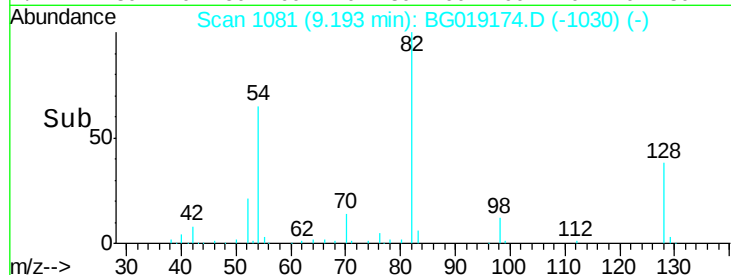
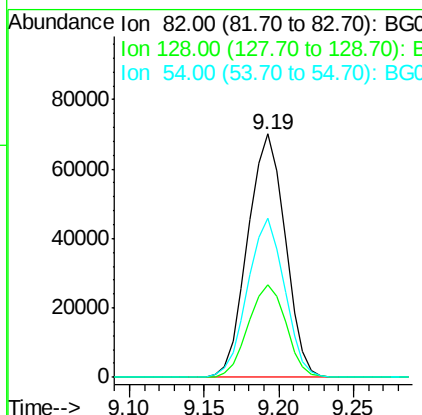
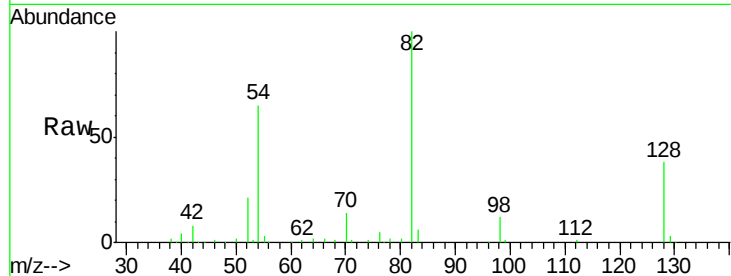




#23  
Nitrobenzene-d5  
Concen: 85.72 ng  
RT: 9.19 min Scan# 1081  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

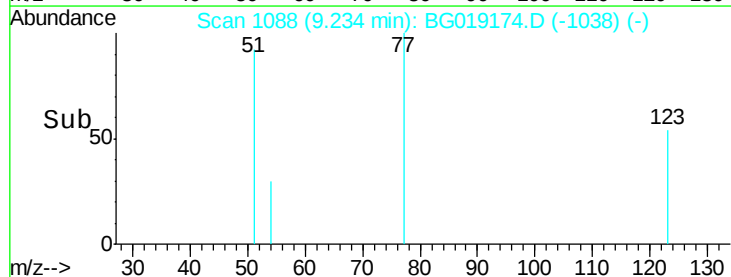
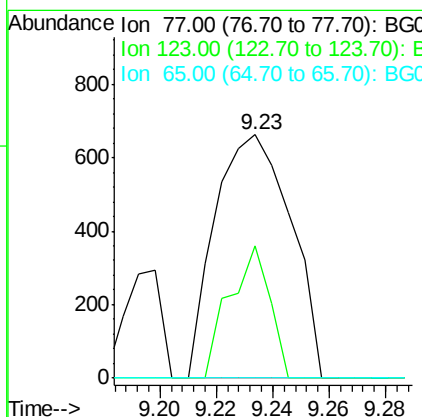
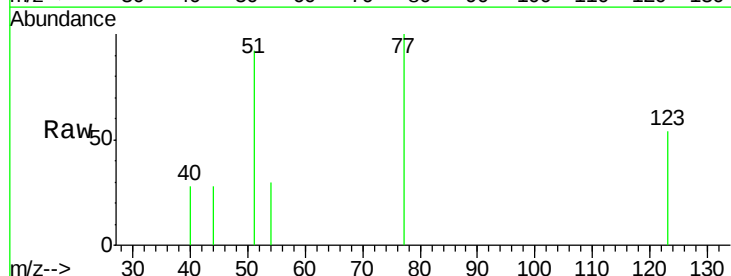
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

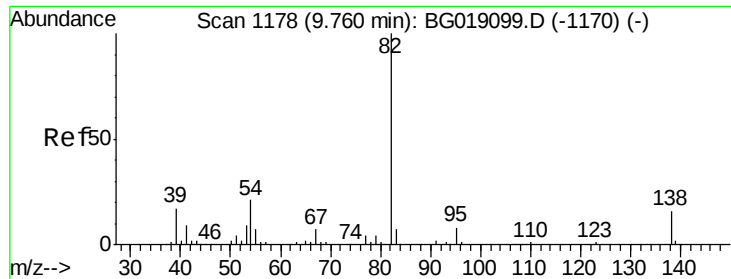
Tot Ion: 82 Resp: 122050  
Ion Ratio Lower Upper  
82 100  
128 37.9 31.4 47.2  
54 65.1 50.0 75.0



#24  
Nitrobenzene  
Concen: 0.81 ng  
RT: 9.23 min Scan# 1088  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion: 77 Resp: 1230  
Ion Ratio Lower Upper  
77 100  
123 54.3 31.8 47.6#  
65 0.0 11.8 17.6#





#25

Isophorone

Concen: 0.71 ng

RT: 9.75 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

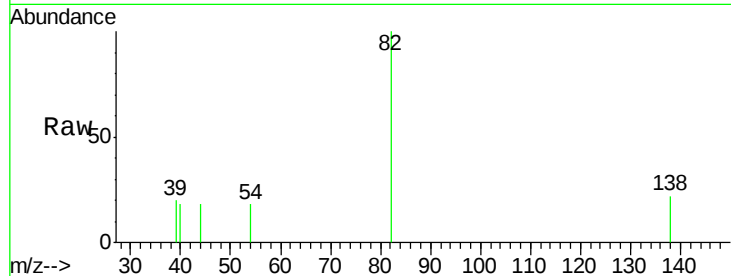
Tot Ion: 82 Resp: 2059

Ion Ratio Lower Upper

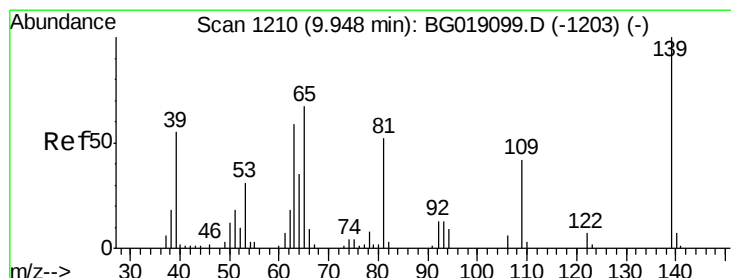
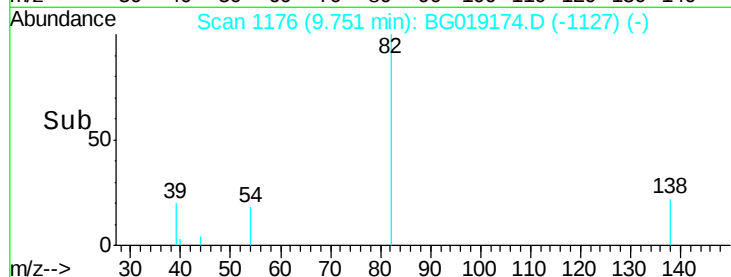
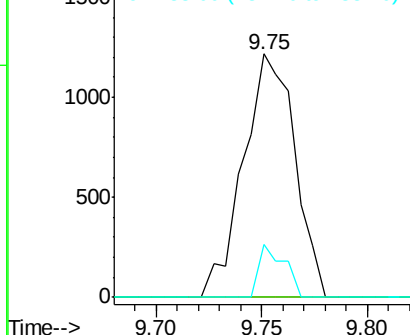
82 100

95 0.0 6.7 10.1#

138 21.5 12.6 19.0#



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: 0.70 ng

RT: 9.95 min Scan# 1210

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

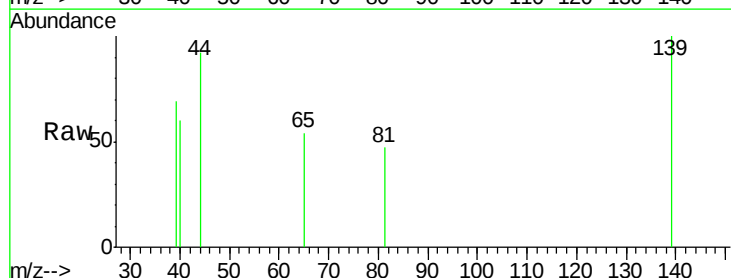
Tgt Ion: 139 Resp: 450

Ion Ratio Lower Upper

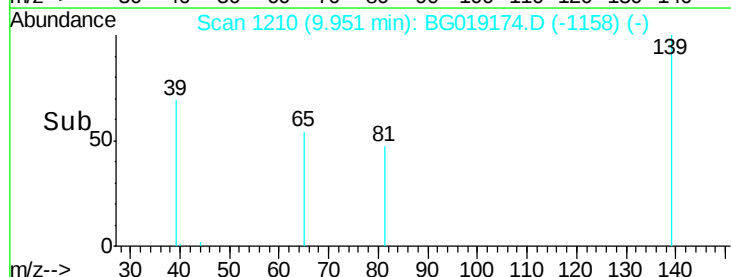
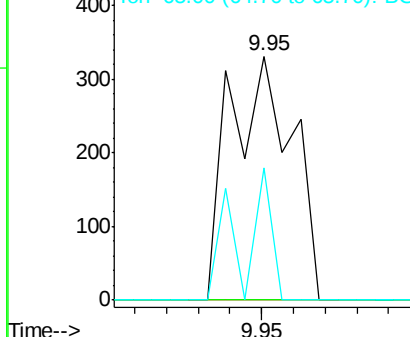
139 100

109 0.0 33.3 49.9#

65 54.1 53.6 80.4



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: 0.60 ng

RT: 10.01 min Scan# 1220

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

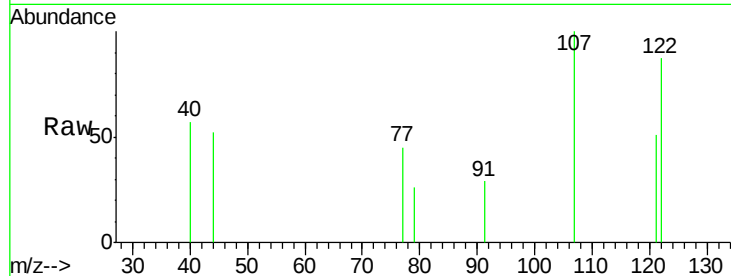
Tot Ion:122 Resp: 680

Ion Ratio Lower Upper

122 100

107 115.3 105.1 157.7

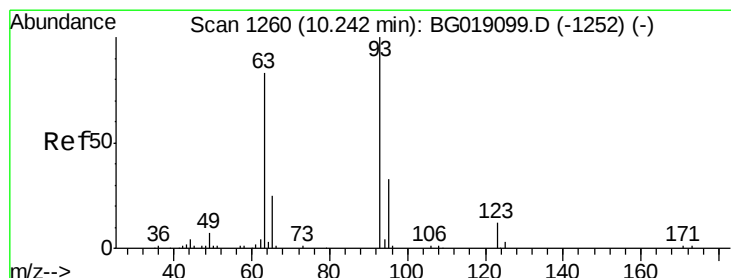
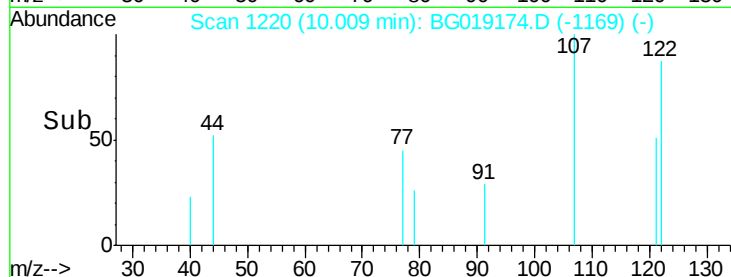
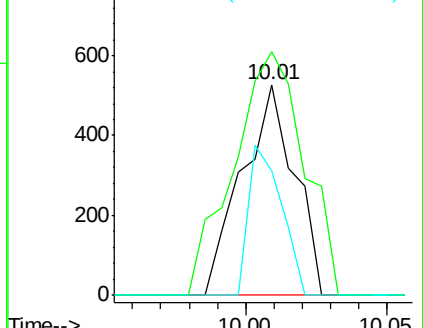
121 59.1 48.7 73.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 0.73 ng

RT: 10.24 min Scan# 1259

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

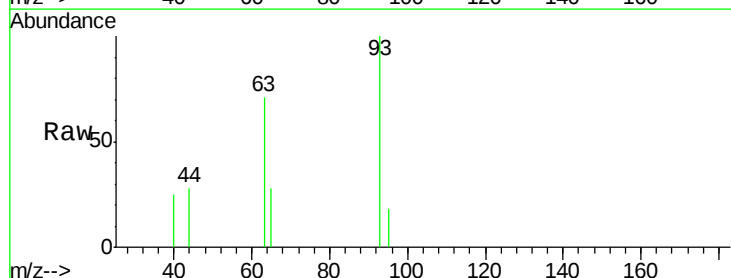
Tgt Ion: 93 Resp: 1134

Ion Ratio Lower Upper

93 100

95 17.7 26.5 39.7#

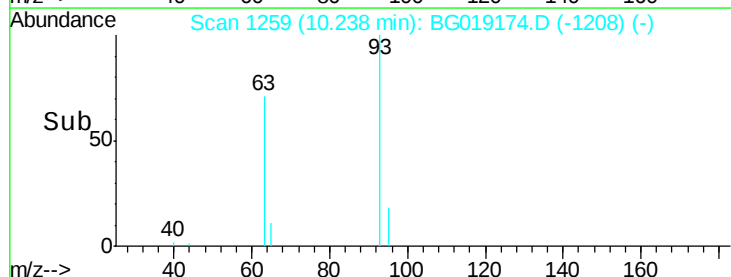
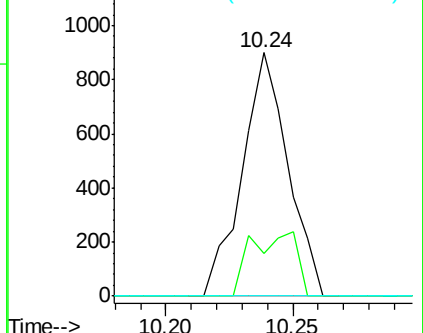
123 0.0 9.4 14.2#

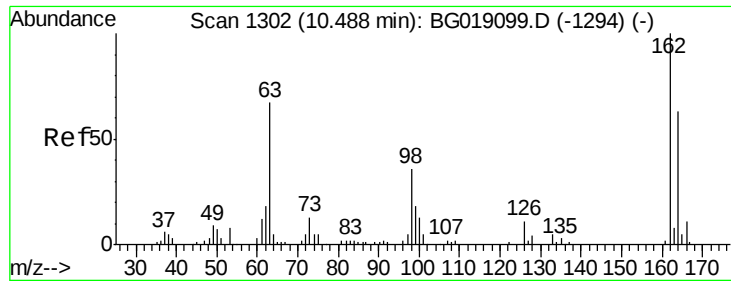


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

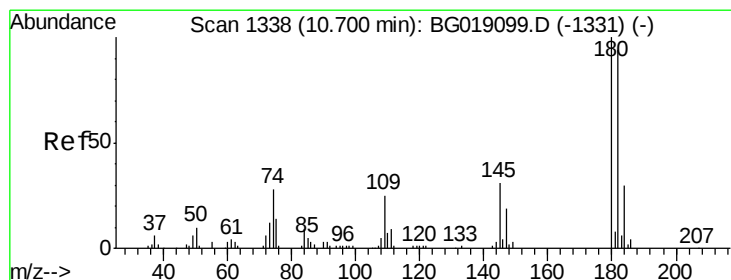
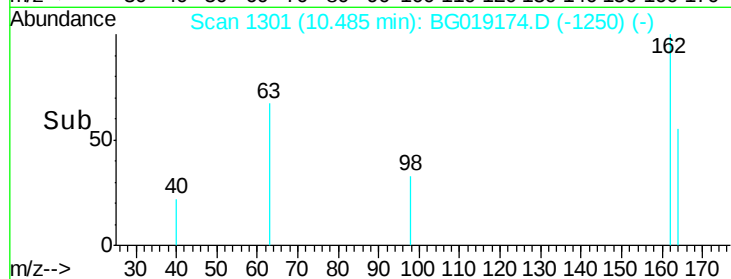
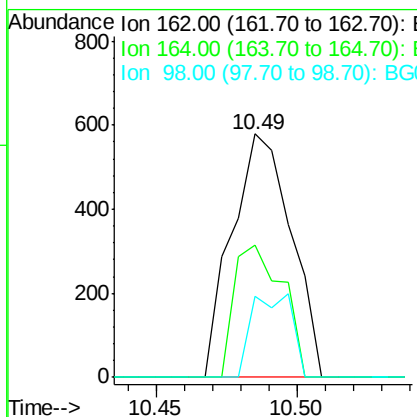
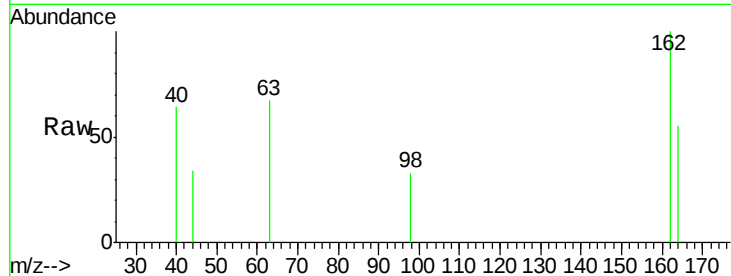




#29  
 2,4-Dichlorophenol  
 Concen: 0.71 ng  
 RT: 10.49 min Scan# 1301  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

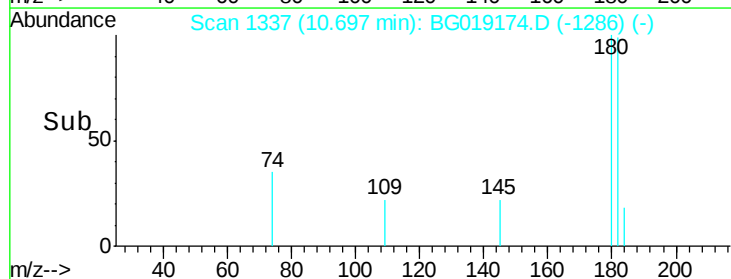
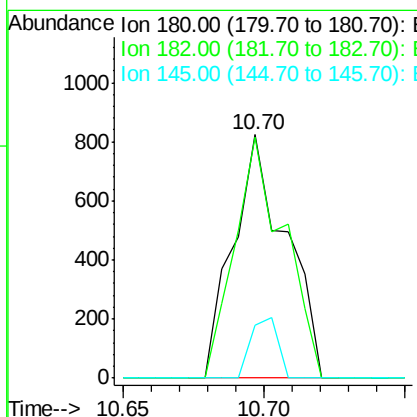
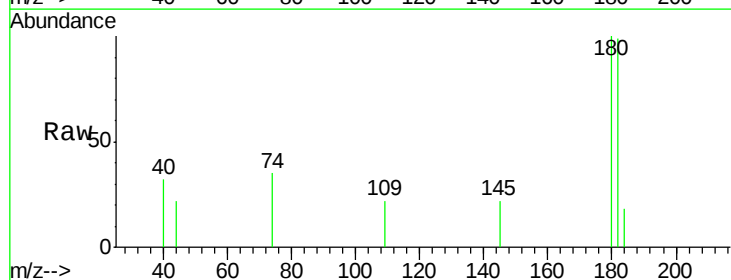
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

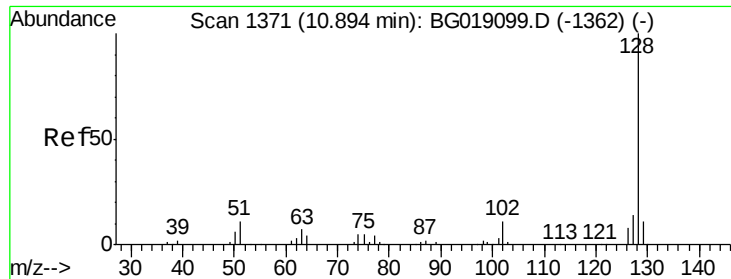
Tot Ion:162 Resp: 843  
 Ion Ratio Lower Upper  
 162 100  
 164 54.6 42.8 82.8  
 98 33.3 16.1 56.1



#30  
 1,2,4-Trichlorobenzene  
 Concen: 0.84 ng  
 RT: 10.70 min Scan# 1337  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:180 Resp: 1064  
 Ion Ratio Lower Upper  
 180 100  
 182 99.0 75.3 112.9  
 145 22.0 24.9 37.3#

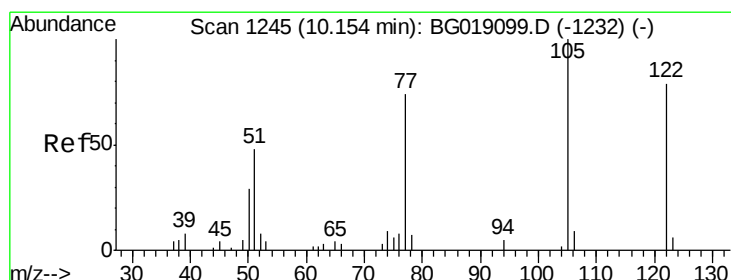
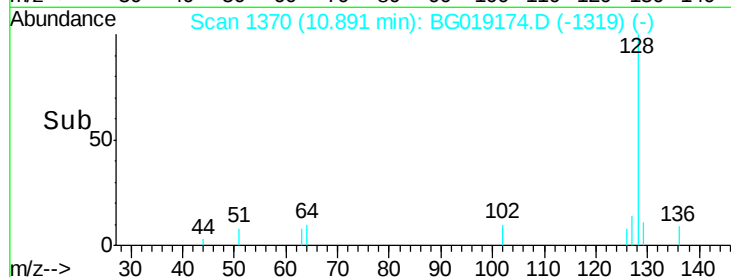
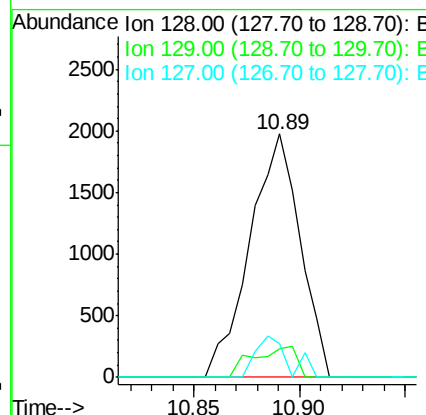
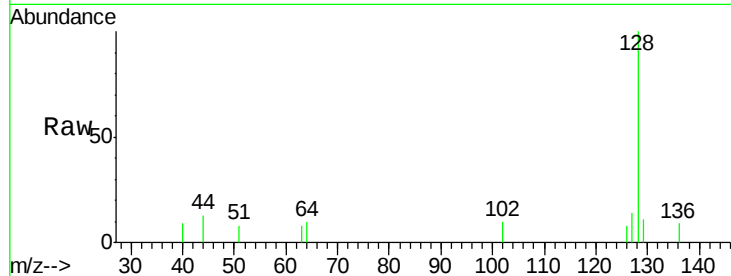




#31  
Naphthalene  
Concen: 0.86 ng  
RT: 10.89 min Scan# 1370  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

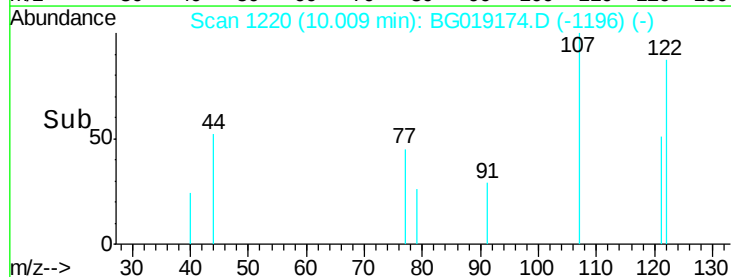
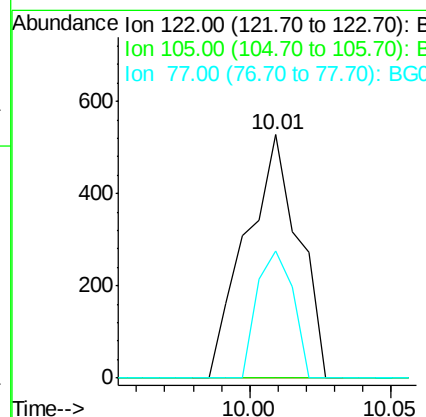
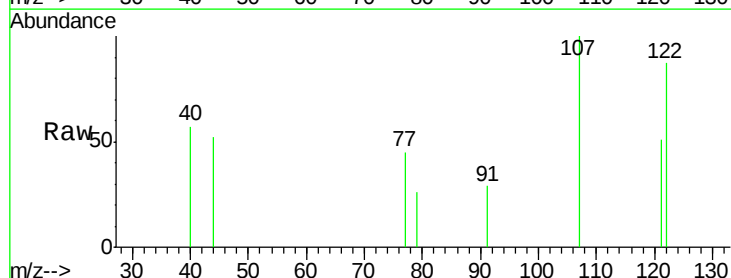
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

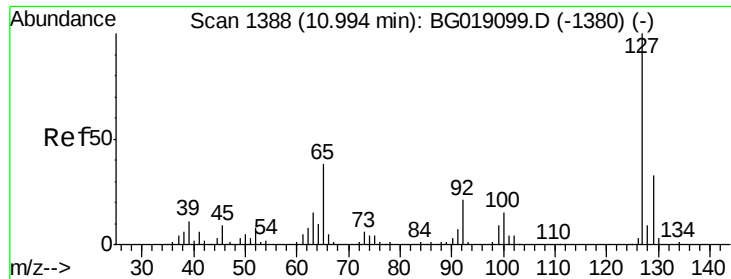
Tot Ion:128 Resp: 3264  
Ion Ratio Lower Upper  
128 100  
129 11.5 8.6 12.8  
127 13.7 11.4 17.0



#32  
Benzoic acid  
Concen: 8.61 ng  
RT: 10.01 min Scan# 1220  
Delta R.T. -0.16 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:122 Resp: 680  
Ion Ratio Lower Upper  
122 100  
105 0.0 107.0 147.0#  
77 52.3 73.4 113.4#

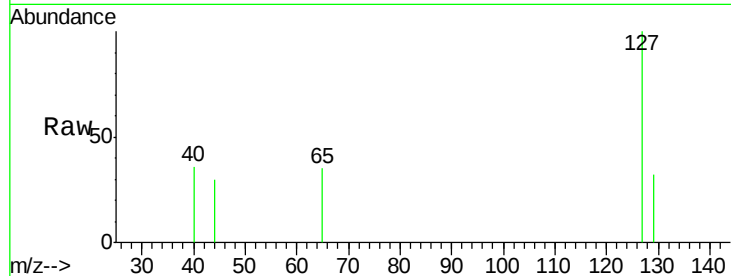




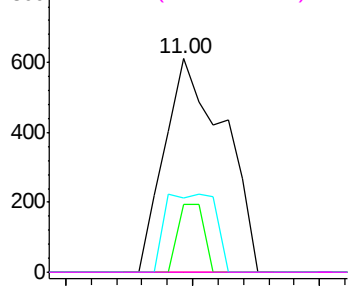
#33  
4-Chloroaniline  
Concen: 0.57 ng  
RT: 11.00 min Scan# 1388  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

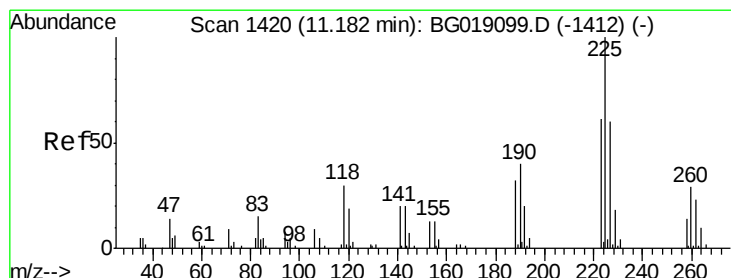
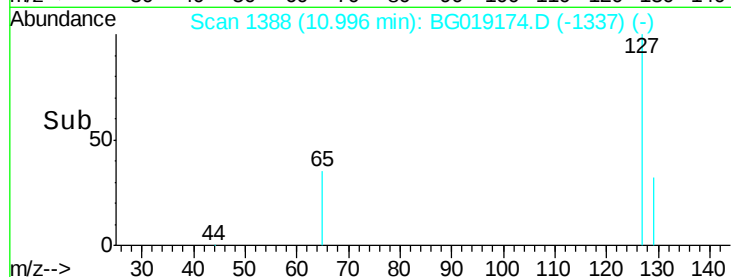
Tot Ion:127 Resp: 1005  
Ion Ratio Lower Upper  
127 100  
129 31.9 26.2 39.2  
65 34.7 30.4 45.6  
92 0.0 16.9 25.3#



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

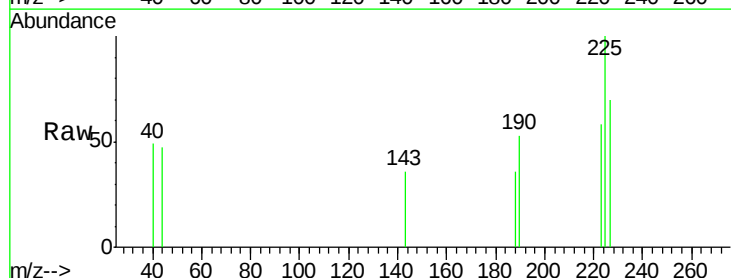


Time--> 10.95 11.00 11.05

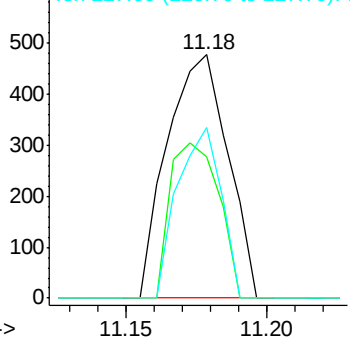


#34  
Hexachlorobutadiene  
Concen: 0.82 ng  
RT: 11.18 min Scan# 1419  
Delta R.T. 0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

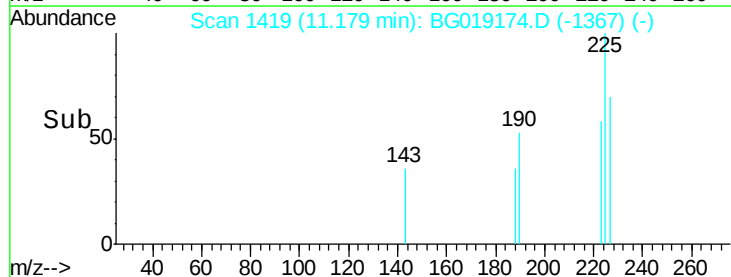
Tgt Ion:225 Resp: 710  
Ion Ratio Lower Upper  
225 100  
223 58.2 48.6 72.8  
227 70.1 48.1 72.1

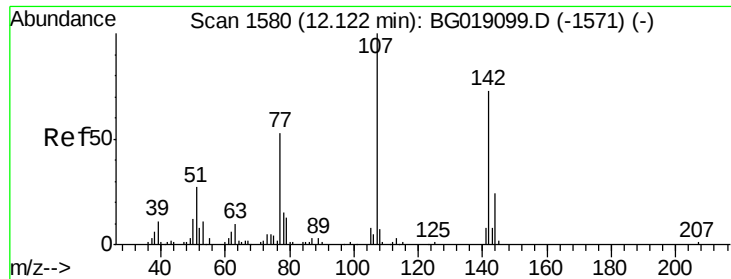


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E



Time--> 11.15 11.20

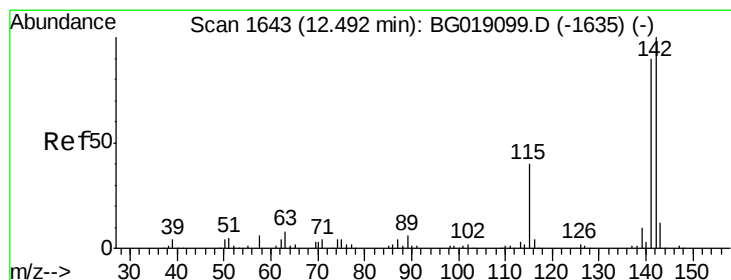
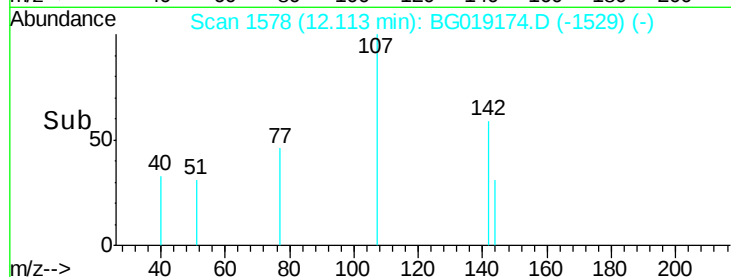
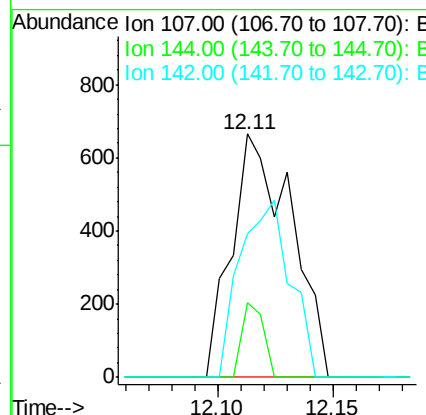
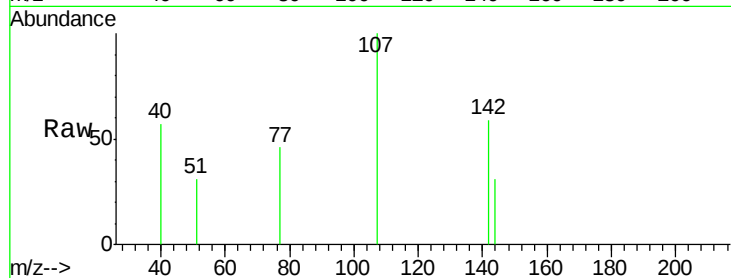




#36  
 4-Chloro-3-methylphenol  
 Concen: 0.80 ng  
 RT: 12.11 min Scan# 1578  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

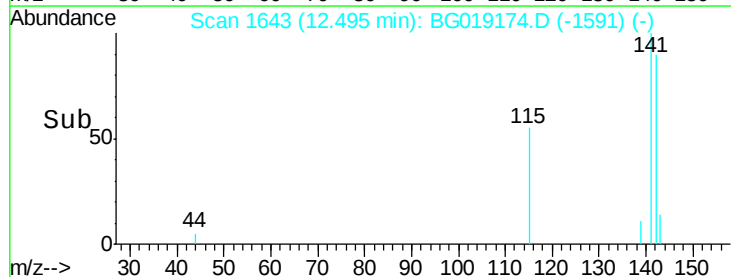
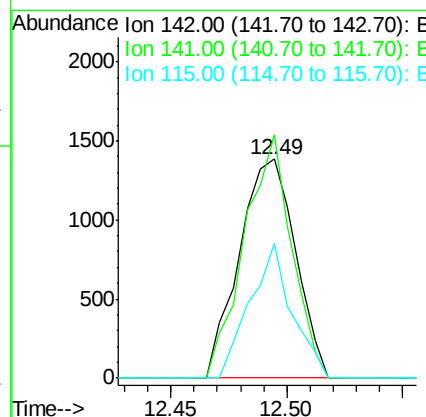
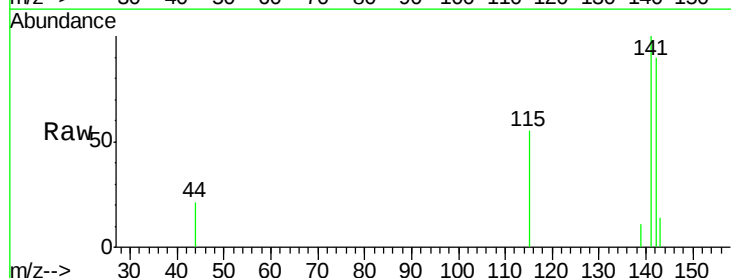
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

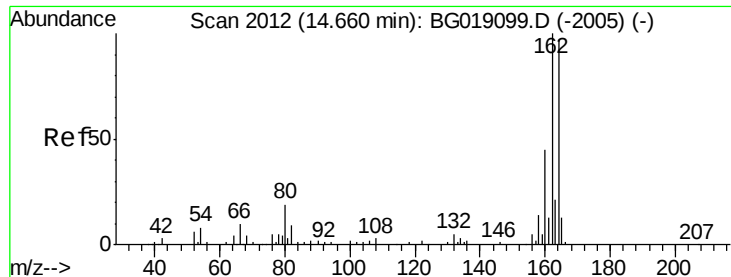
Tot Ion:107 Resp: 1194  
 Ion Ratio Lower Upper  
 107 100  
 144 30.6 19.0 28.6#  
 142 58.9 58.5 87.7



#37  
 2-Methylnaphthalene  
 Concen: 0.80 ng  
 RT: 12.49 min Scan# 1643  
 Delta R.T. 0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:142 Resp: 2339  
 Ion Ratio Lower Upper  
 142 100  
 141 111.2 72.1 108.1#  
 115 61.7 31.8 47.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 2011

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

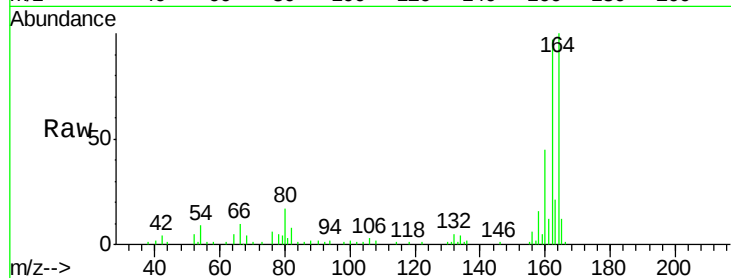
Tot Ion:164 Resp: 55583

Ion Ratio Lower Upper

164 100

162 97.4 82.6 124.0

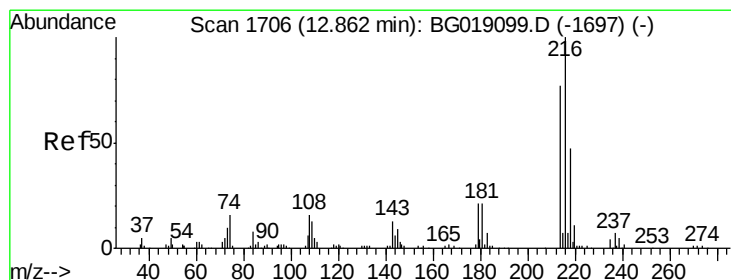
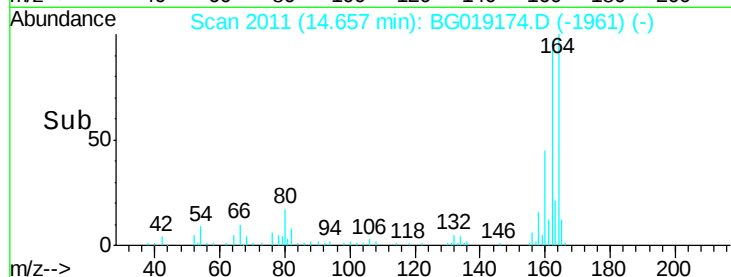
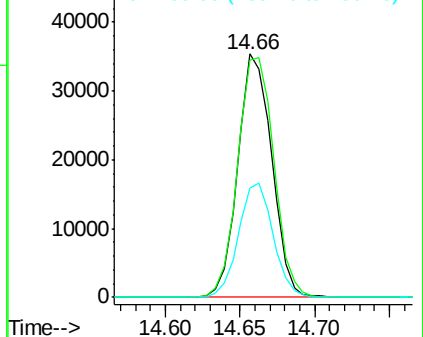
160 44.7 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.86 ng

RT: 12.86 min Scan# 1705

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Tgt Ion:216 Resp: 1370

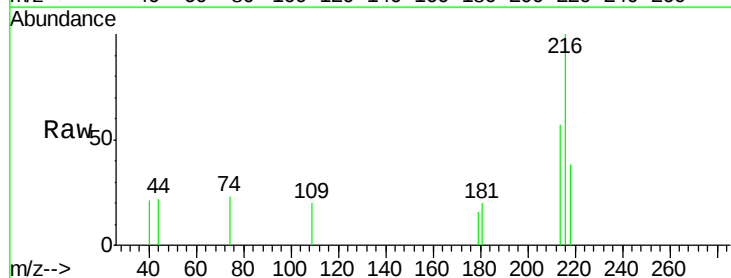
Ion Ratio Lower Upper

216 100

214 55.0 64.0 96.0#

179 10.0 16.9 25.3#

108 4.6 14.7 22.1#

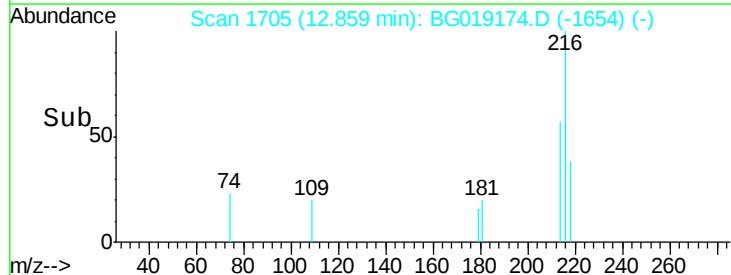
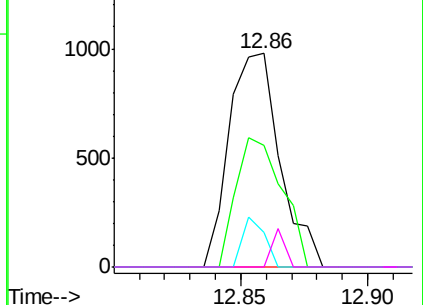


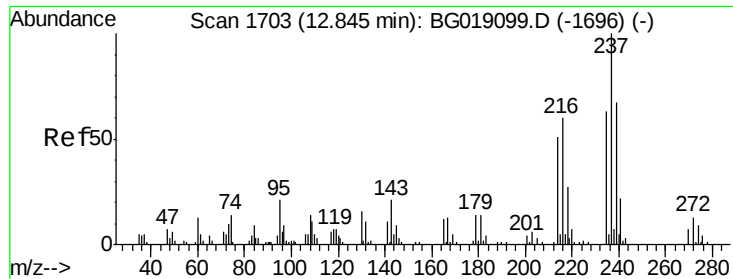
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

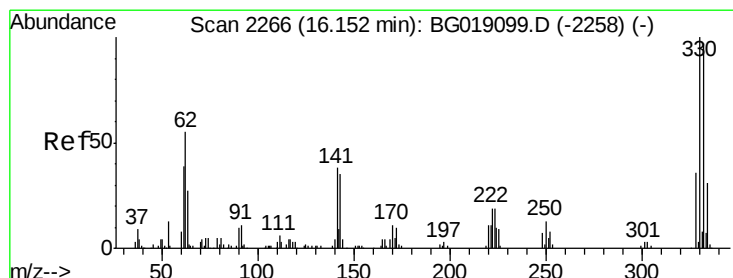
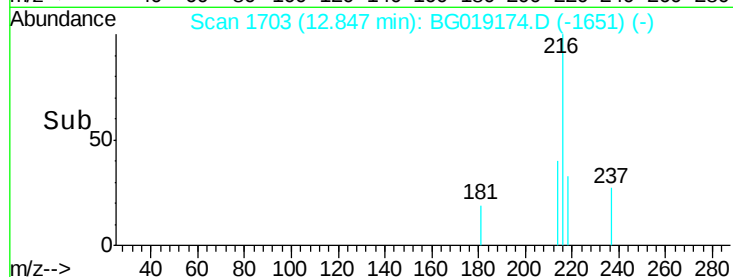
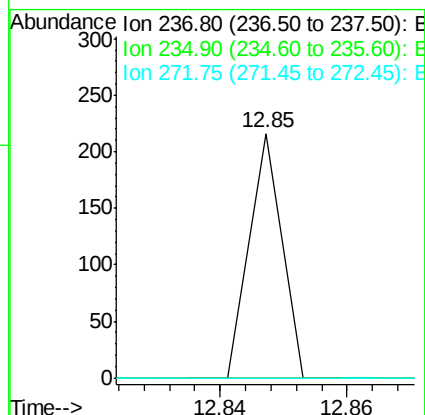
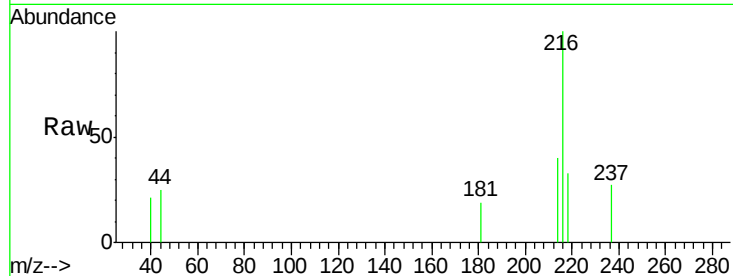




#40  
Hexachlorocyclopentadiene  
Concen: 0.09 ng  
RT: 12.85 min Scan# 1703  
Delta R.T. 0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

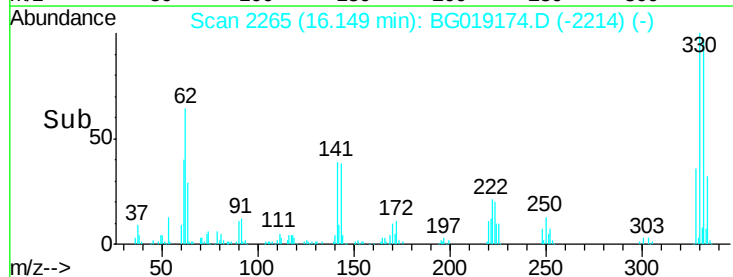
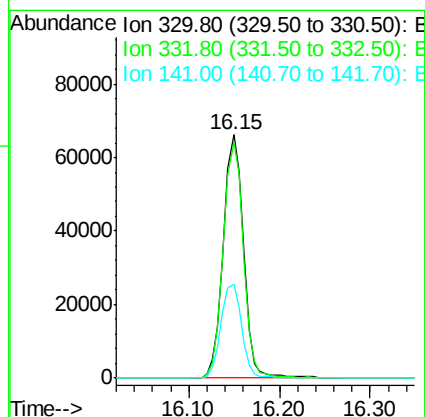
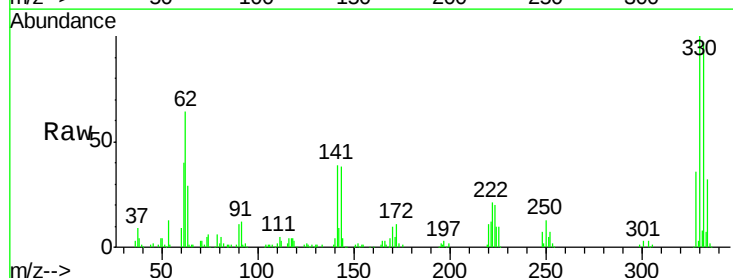
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

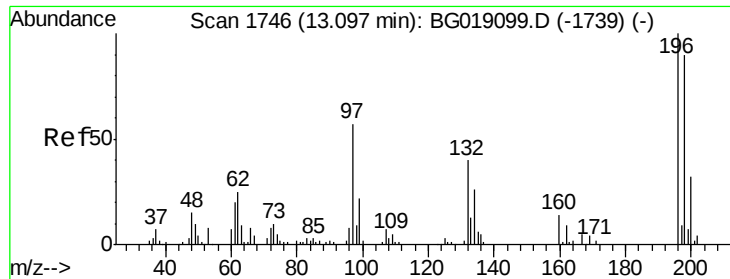
Tot Ion:237 Resp: 76  
Ion Ratio Lower Upper  
237 100  
235 0.0 43.2 83.2#  
272 0.0 0.0 33.2



#41  
2,4,6-Tribromophenol  
Concen: 134.93 ng  
RT: 16.15 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:330 Resp: 102203  
Ion Ratio Lower Upper  
330 100  
332 96.6 77.3 115.9  
141 39.5 30.7 46.1





#42

2,4,6-Trichlorophenol

Concen: 0.59 ng

RT: 13.09 min Scan# 1745

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

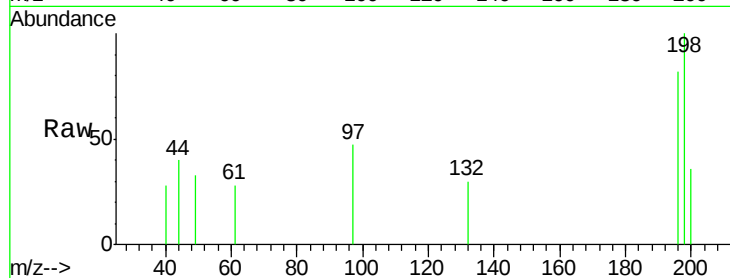
Tot Ion:196 Resp: 652

Ion Ratio Lower Upper

196 100

198 121.4 72.0 108.0#

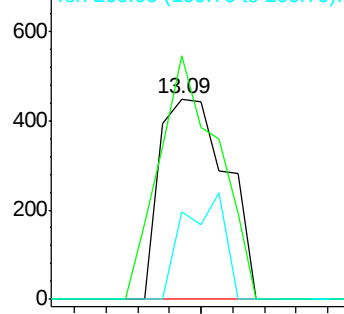
200 43.8 25.5 38.3#



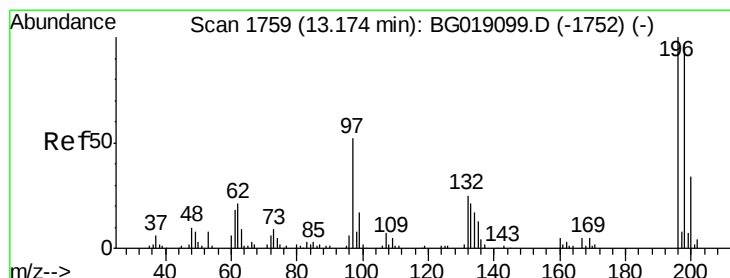
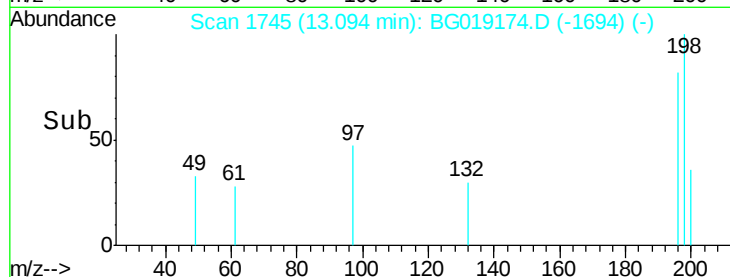
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Time-->



#43

2,4,5-Trichlorophenol

Concen: 0.63 ng

RT: 13.18 min Scan# 1759

Delta R.T. 0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Tgt Ion:196 Resp: 742

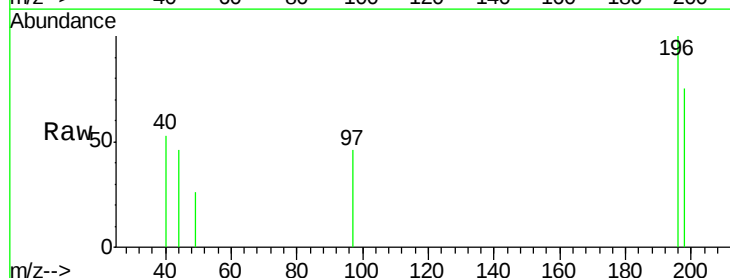
Ion Ratio Lower Upper

196 100

198 75.1 77.7 116.5#

97 46.0 41.4 62.2

132 0.0 20.6 30.8#

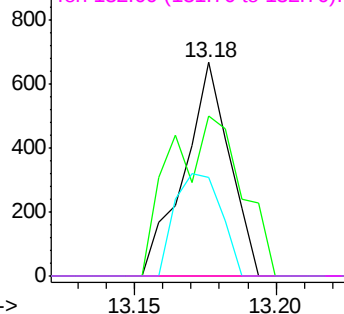


Abundance Ion 196.00 (195.70 to 196.70): E

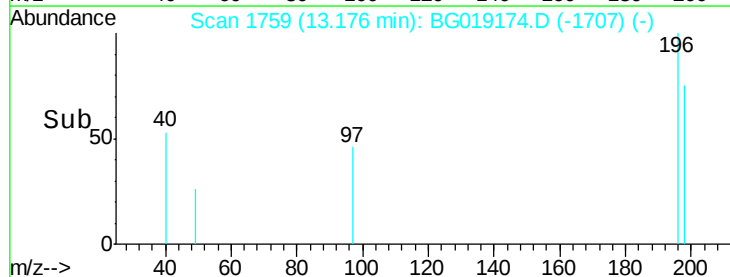
Ion 198.00 (197.70 to 198.70): E

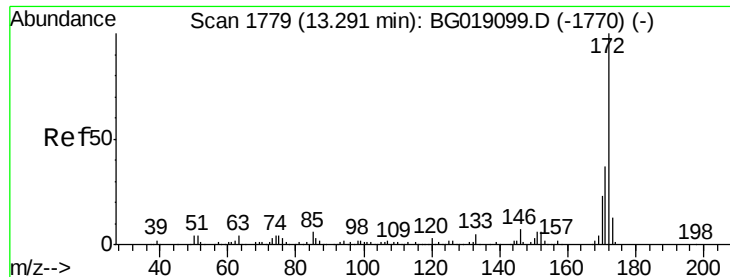
Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E



Time-->

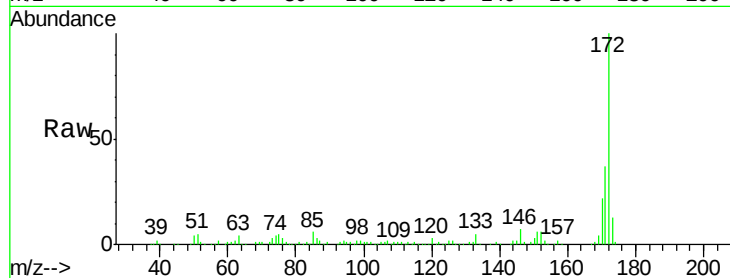




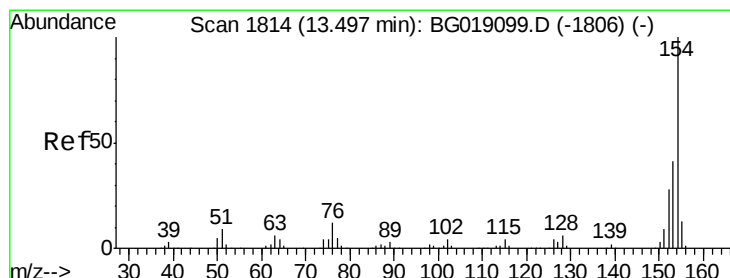
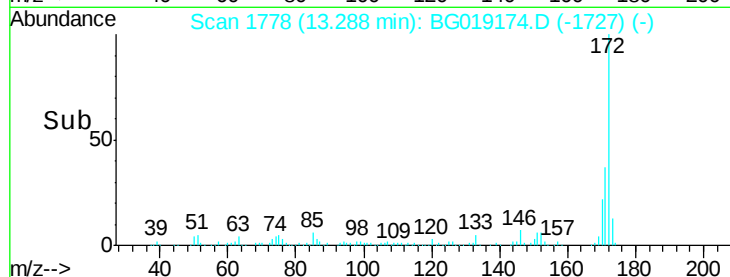
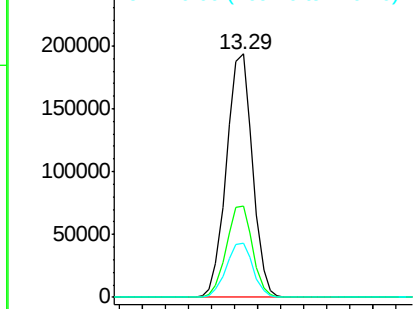
#44  
2-Fluorobiphenyl  
Concen: 83.57 ng  
RT: 13.29 min Scan# 1778  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

Tot Ion:172 Resp: 302104  
Ion Ratio Lower Upper  
172 100  
171 37.4 29.9 44.9  
170 22.5 18.6 27.8

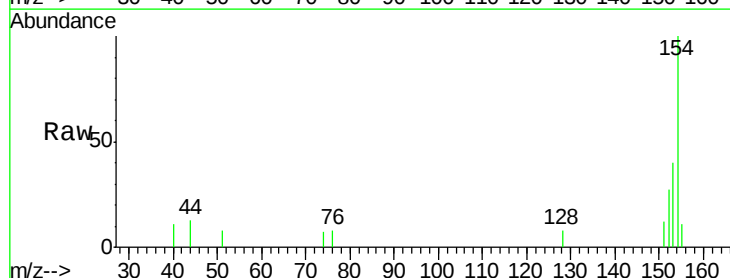


Abundance Ion 172.00 (171.70 to 172.70): E  
Ion 171.00 (170.70 to 171.70): E  
Ion 170.00 (169.70 to 170.70): E

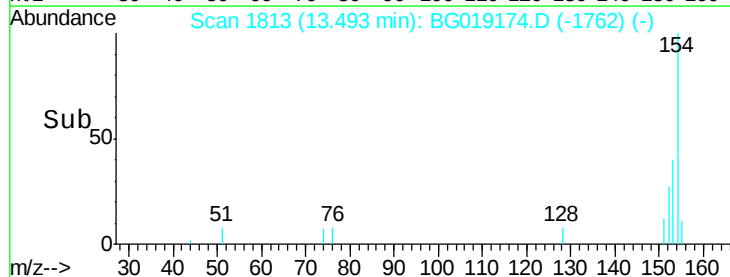
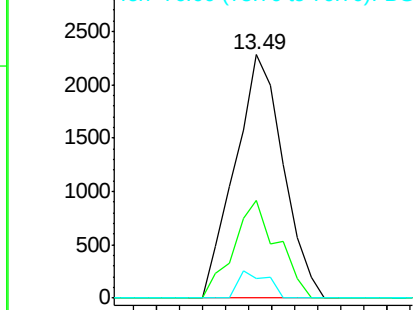


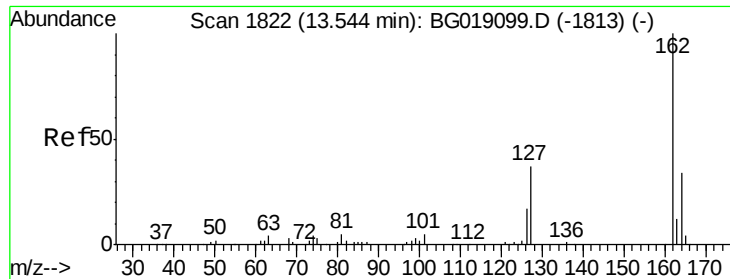
#45  
1,1'-Biphenyl  
Concen: 0.82 ng  
RT: 13.49 min Scan# 1813  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:154 Resp: 3309  
Ion Ratio Lower Upper  
154 100  
153 40.1 20.6 60.6  
76 8.1 0.0 32.2



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

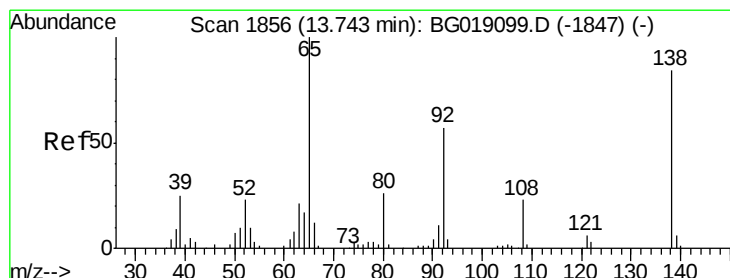
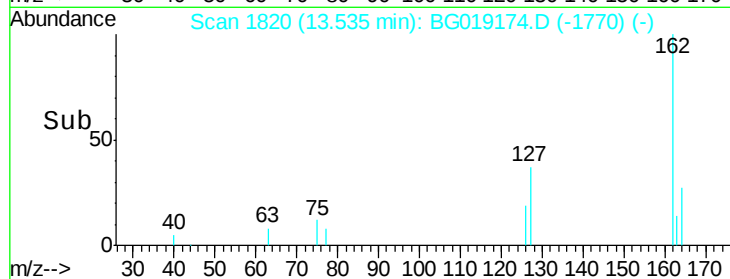
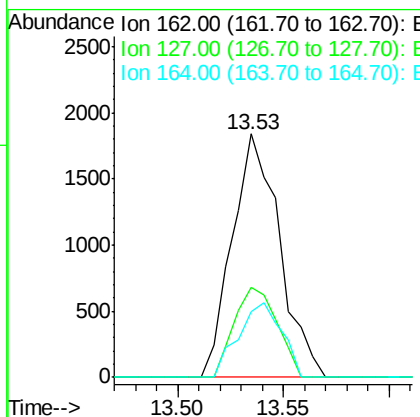
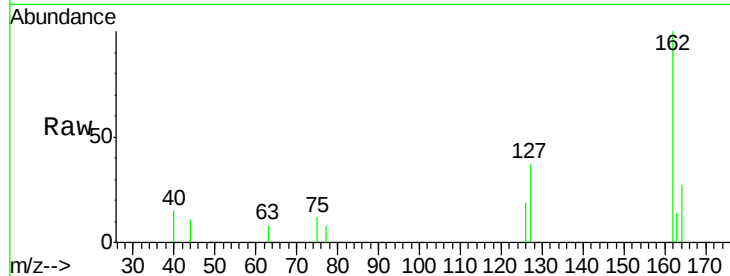




#46  
 2-Chloronaphthalene  
 Concen: 0.92 ng  
 RT: 13.53 min Scan# 1820  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

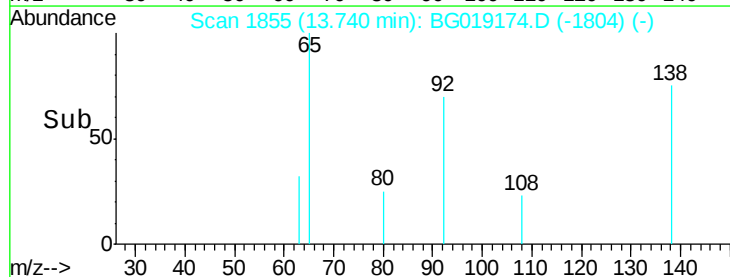
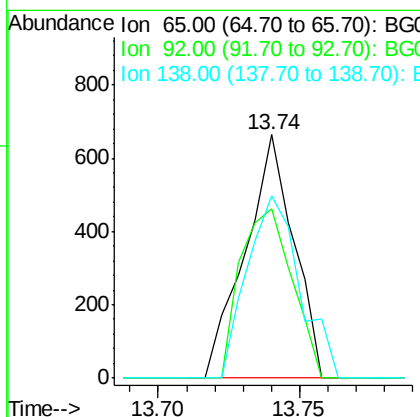
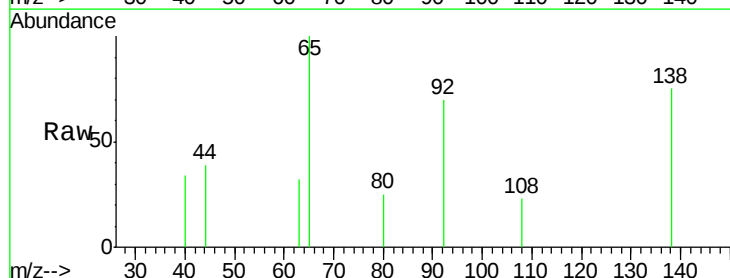
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

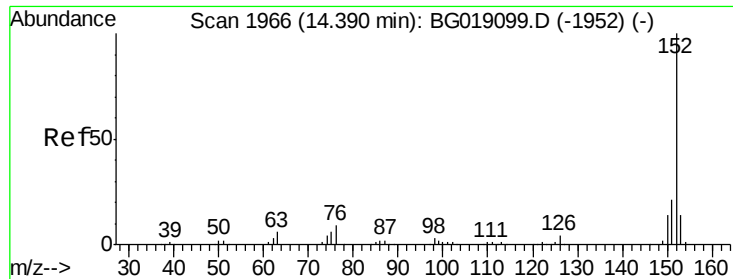
Tot Ion:162 Resp: 2853  
 Ion Ratio Lower Upper  
 162 100  
 127 37.2 32.2 48.4  
 164 26.8 27.3 40.9#



#47  
 2-Nitroaniline  
 Concen: 0.63 ng  
 RT: 13.74 min Scan# 1855  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion: 65 Resp: 789  
 Ion Ratio Lower Upper  
 65 100  
 92 69.7 45.8 68.8#  
 138 75.0 66.9 100.3





#48

Acenaphthylene

Concen: 0.82 ng

RT: 14.38 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

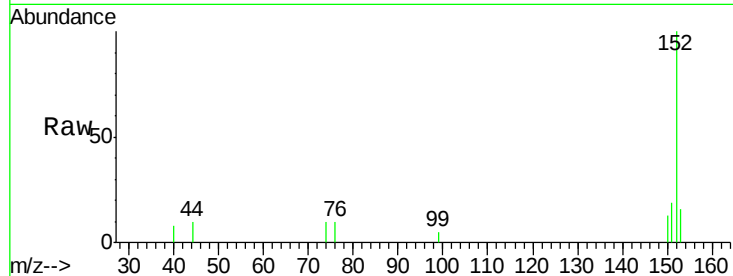
Tot Ion:152 Resp: 4504

Ion Ratio Lower Upper

152 100

151 19.5 16.8 25.2

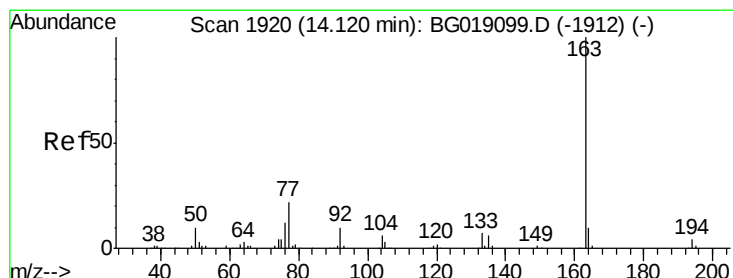
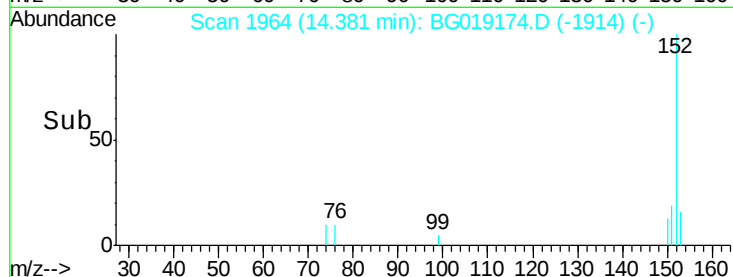
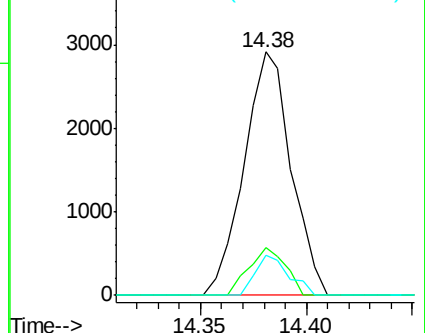
153 16.3 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 0.80 ng

RT: 14.11 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

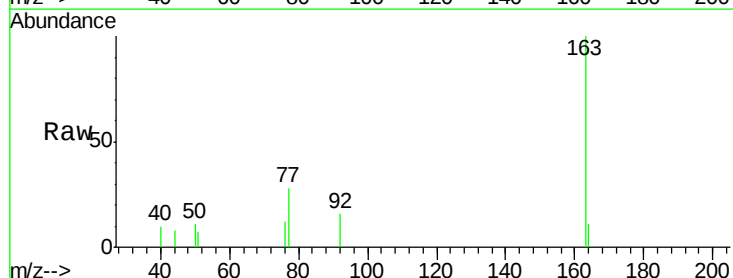
Tgt Ion:163 Resp: 3514

Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

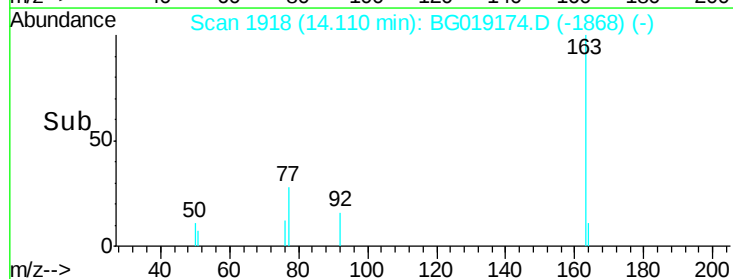
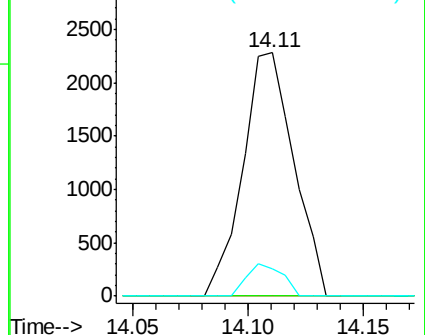
164 11.4 8.1 12.1

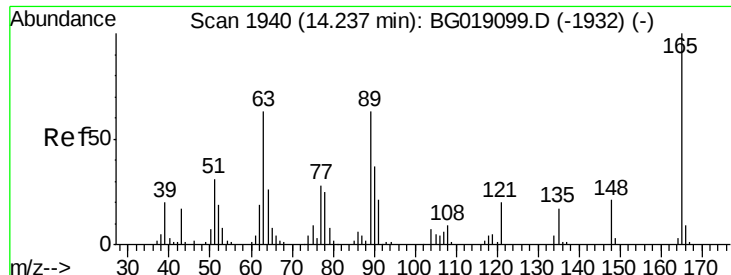


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

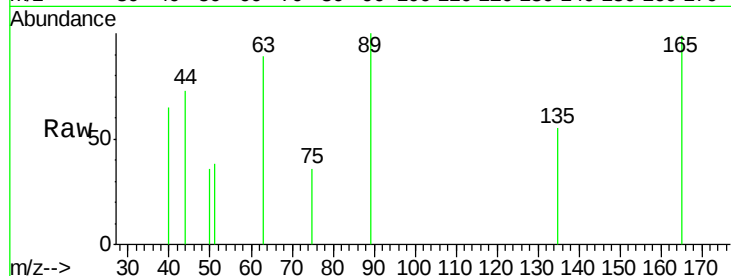




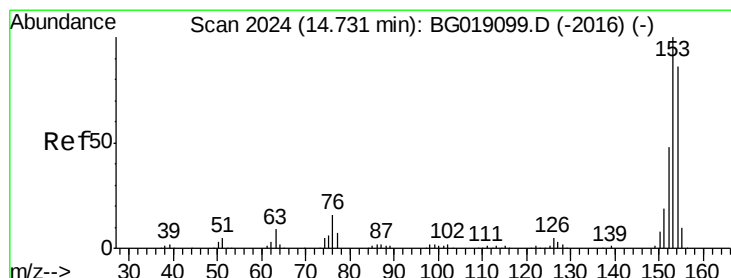
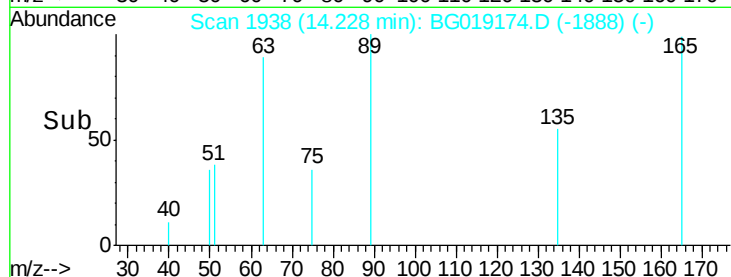
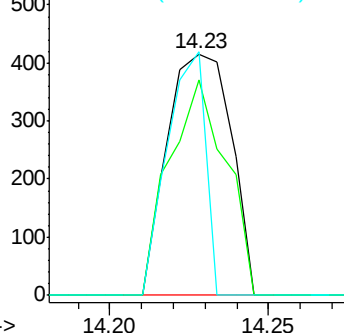
#50  
2,6-Dinitrotoluene  
Concen: 0.62 ng  
RT: 14.23 min Scan# 1938  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

Tot Ion:165 Resp: 580  
Ion Ratio Lower Upper  
165 100  
63 89.4 52.6 78.8#  
89 101.0 50.6 76.0#

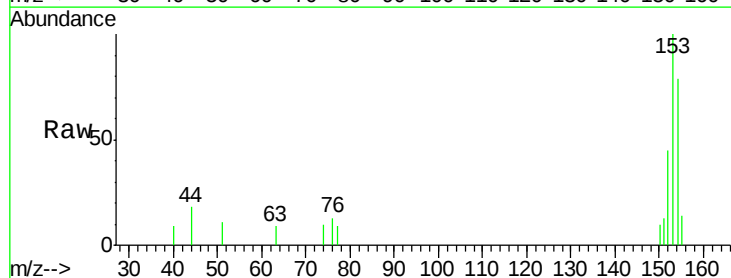


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC

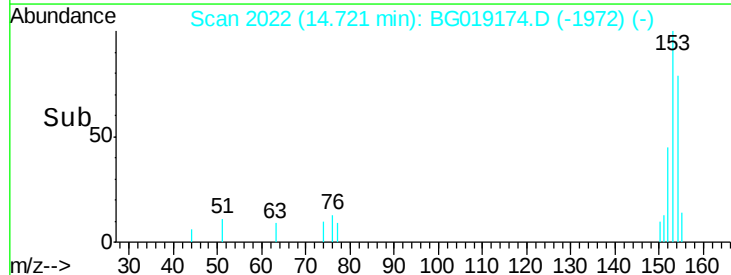
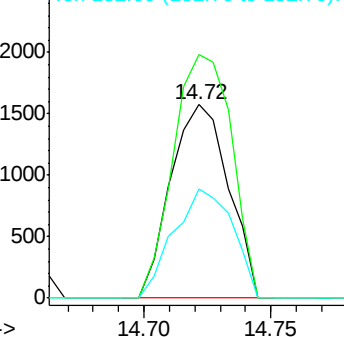


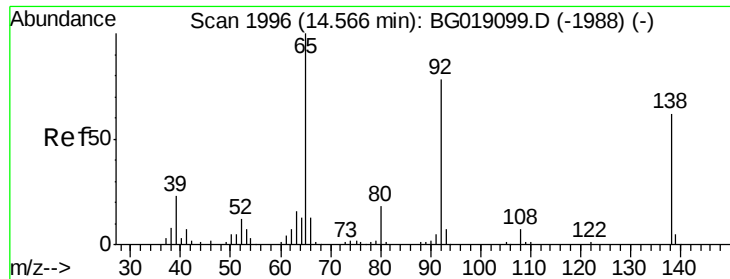
#51  
Acenaphthene  
Concen: 0.76 ng  
RT: 14.72 min Scan# 2022  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:154 Resp: 2503  
Ion Ratio Lower Upper  
154 100  
153 126.0 93.4 140.2  
152 56.6 44.9 67.3



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: 0.51 ng

RT: 14.56 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

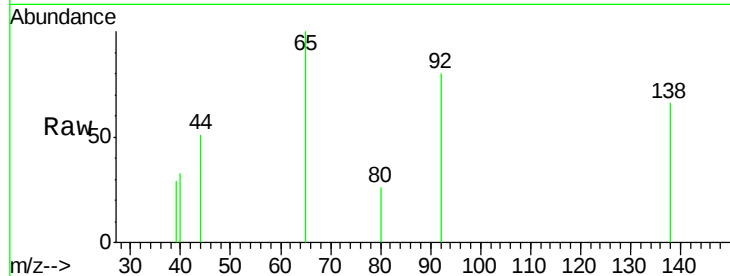
Tot Ion:138 Resp: 528

Ion Ratio Lower Upper

138 100

108 0.0 8.6 13.0#

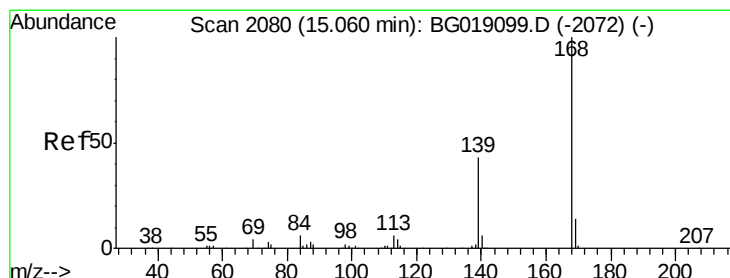
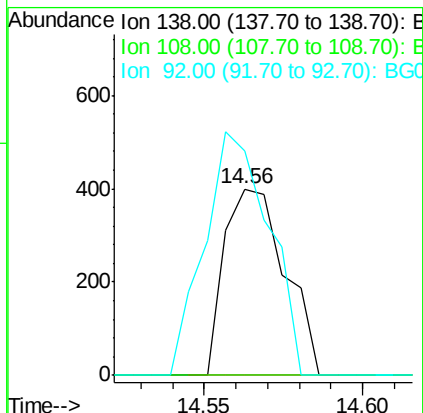
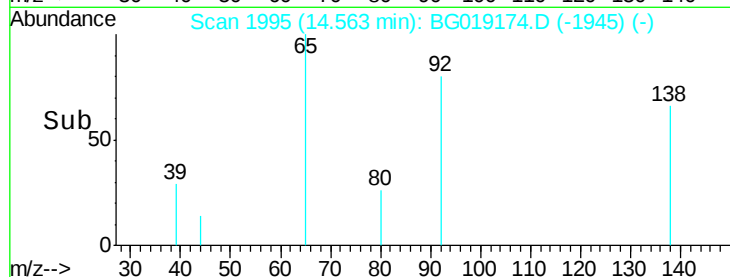
92 120.8 101.4 152.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#54

Dibenzofuran

Concen: 0.89 ng

RT: 15.06 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

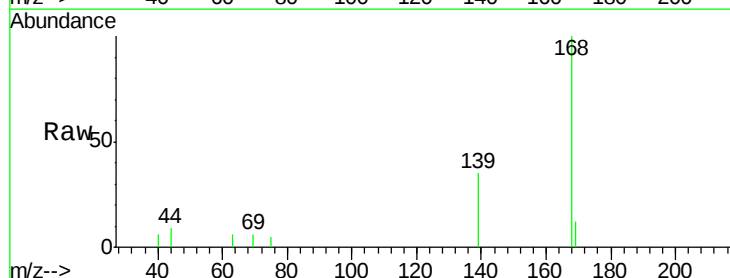
Tgt Ion:168 Resp: 4345

Ion Ratio Lower Upper

168 100

139 35.2 34.2 51.4

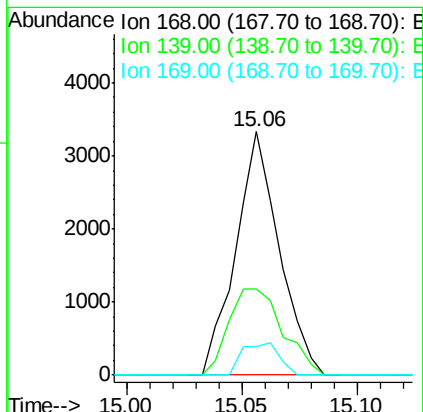
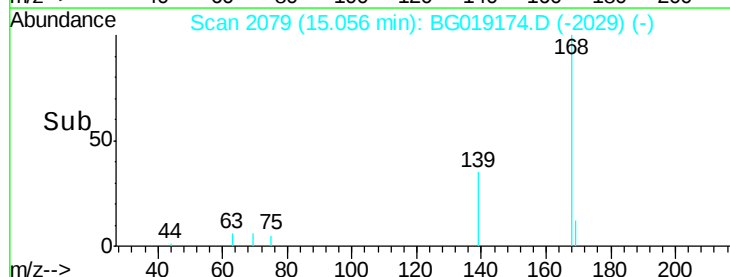
169 11.6 11.4 17.0

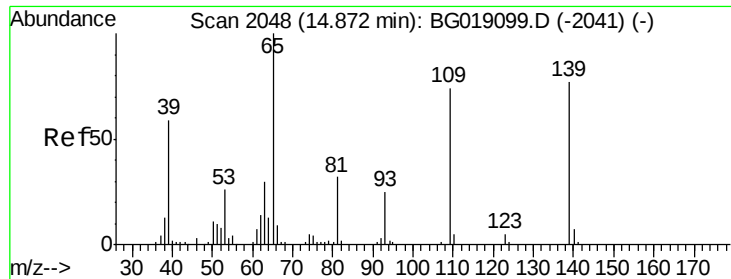


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

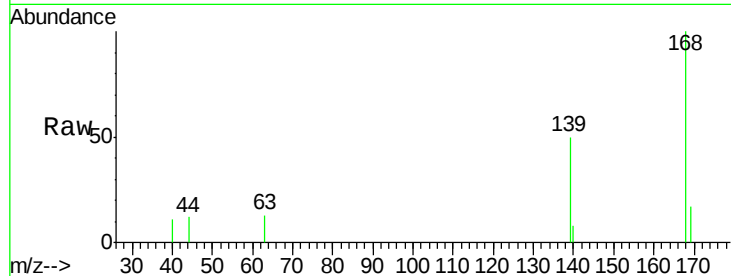




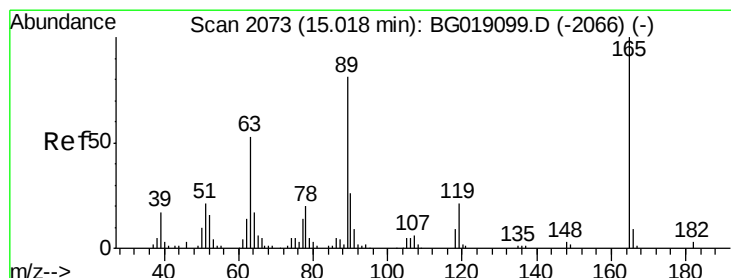
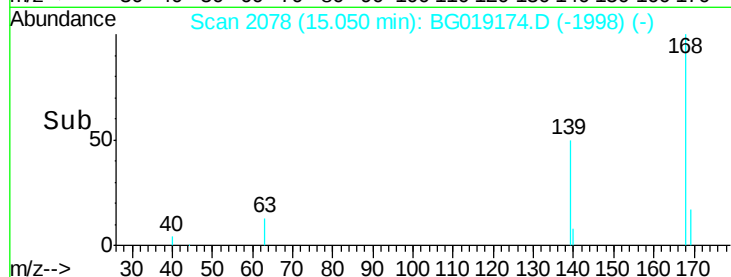
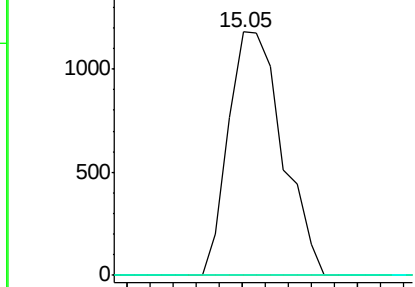
#55  
4-Nitrophenol  
Concen: 2.45 na  
RT: 15.05 min Scan# 2078  
Delta R.T. 0.17 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

Tot Ion:139 Resp: 1922  
Ion Ratio Lower Upper  
139 100  
109 0.0 76.8 116.8#  
65 0.0 110.0 150.0#

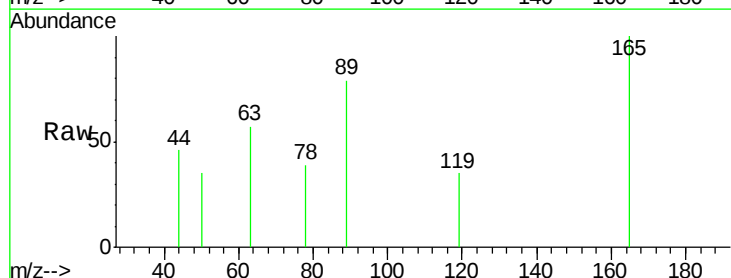


Abundance Ion 139.00 (138.70 to 139.70): E  
Ion 109.00 (108.70 to 109.70): E  
Ion 65.00 (64.70 to 65.70): BGC

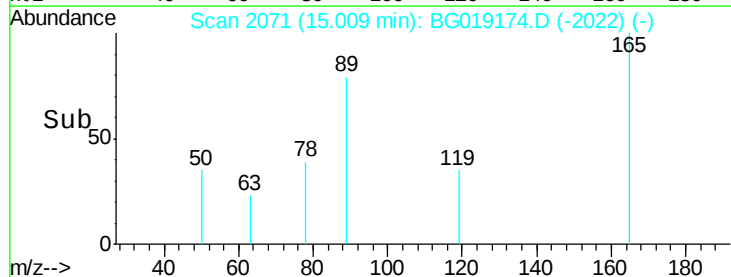
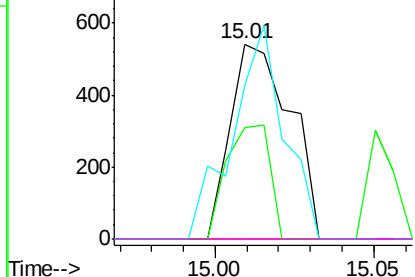


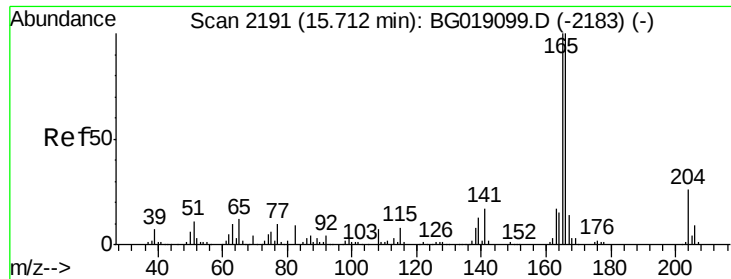
#56  
2,4-Dinitrotoluene  
Concen: 0.52 ng  
RT: 15.01 min Scan# 2071  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:165 Resp: 709  
Ion Ratio Lower Upper  
165 100  
63 57.5 42.2 63.2  
89 79.1 64.8 97.2  
182 0.0 2.4 3.6#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BGC  
Ion 89.00 (88.70 to 89.70): BGC  
Ion 182.00 (181.70 to 182.70): E

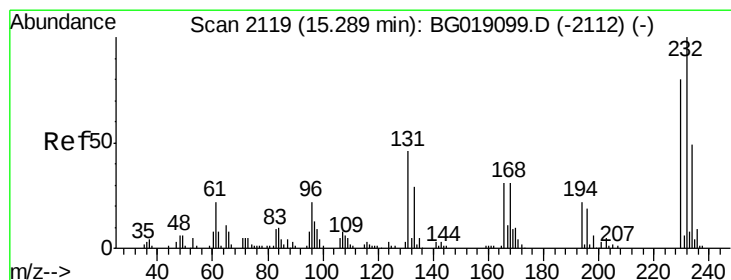
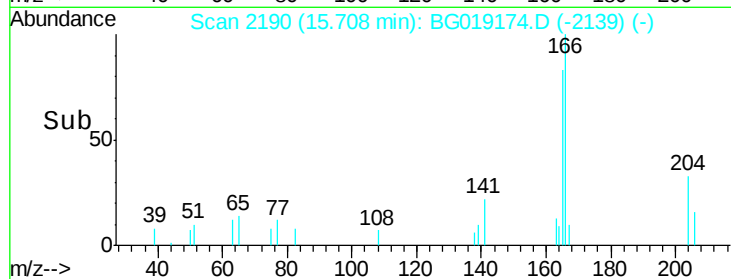
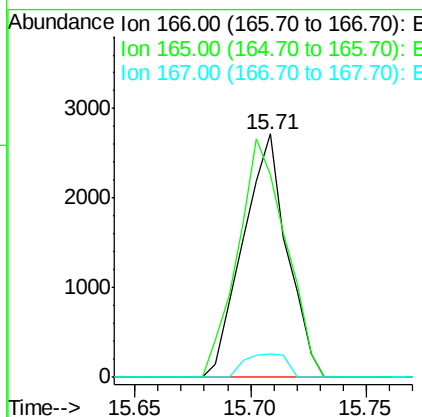
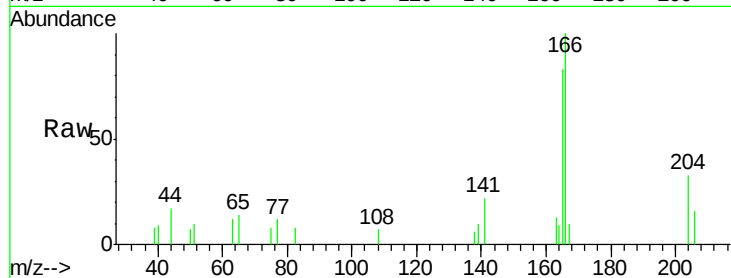




#57  
 Fluorene  
 Concen: 0.86 ng  
 RT: 15.71 min Scan# 2190  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

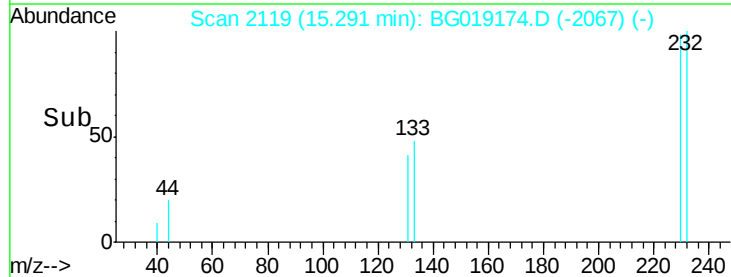
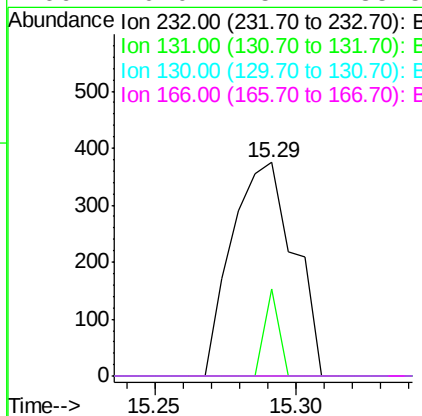
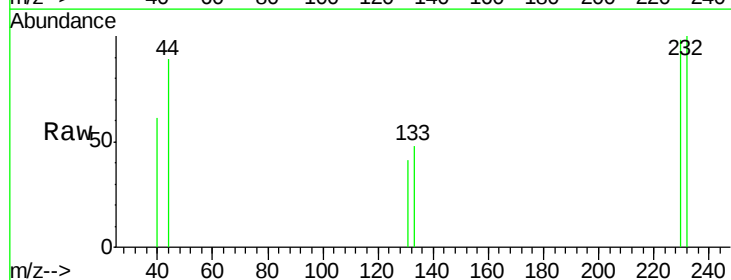
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

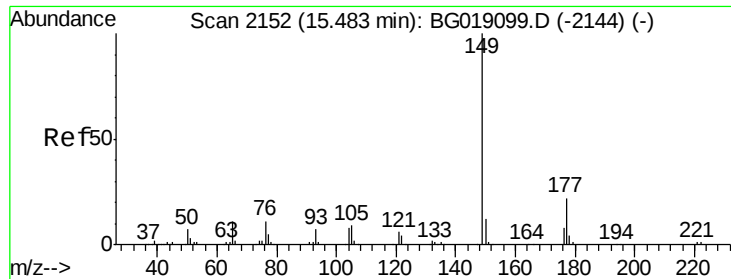
Tot Ion:166 Resp: 3624  
 Ion Ratio Lower Upper  
 166 100  
 165 83.0 80.2 120.2  
 167 9.6 11.4 17.0#



#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.51 ng  
 RT: 15.29 min Scan# 2119  
 Delta R.T. 0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:232 Resp: 571  
 Ion Ratio Lower Upper  
 232 100  
 131 9.5 36.5 54.7#  
 130 0.0 2.3 3.5#  
 166 0.0 25.7 38.5#

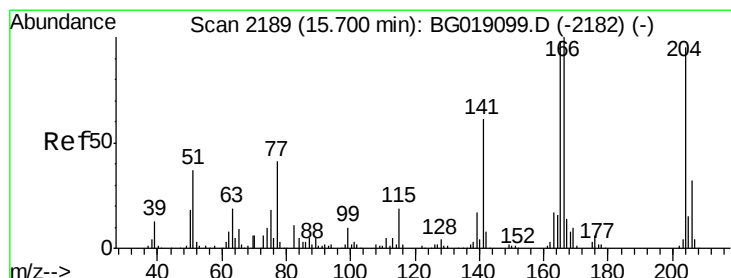
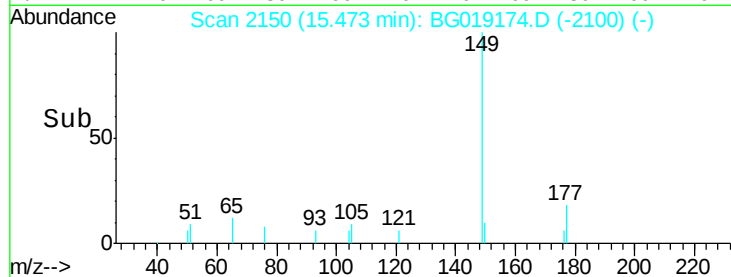
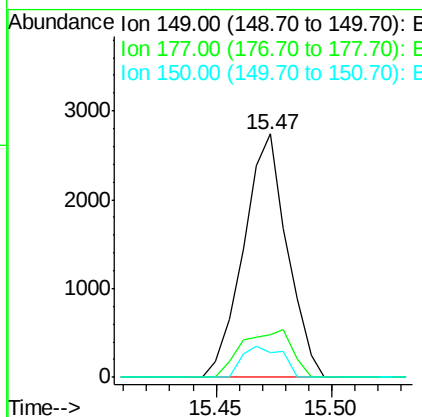
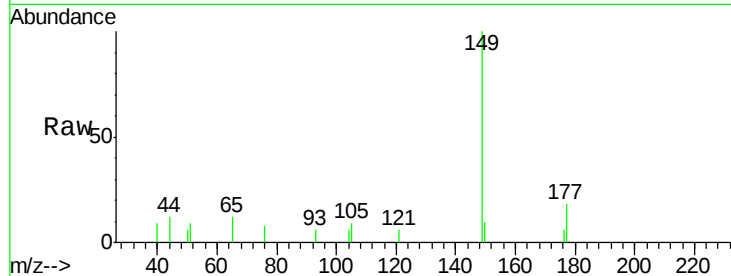




#59  
Diethylphthalate  
Concen: 0.79 ng  
RT: 15.47 min Scan# 2150  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

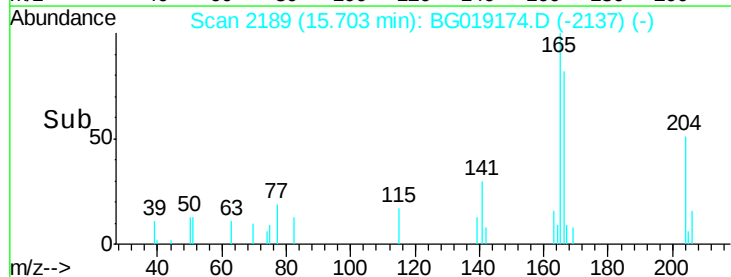
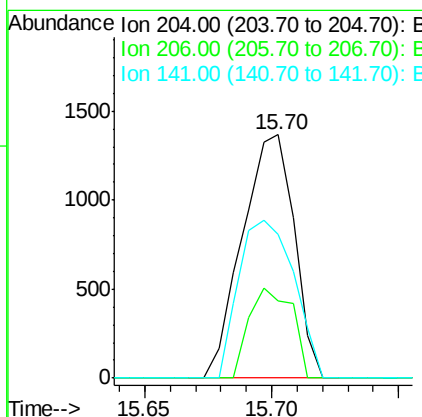
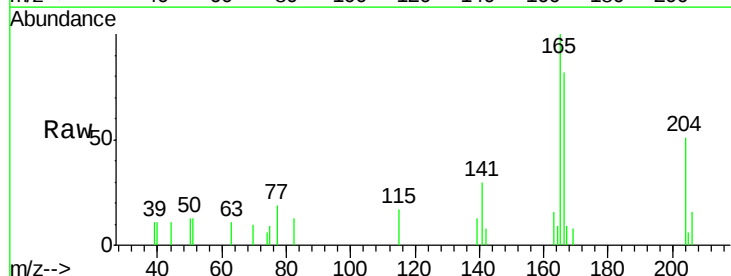
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

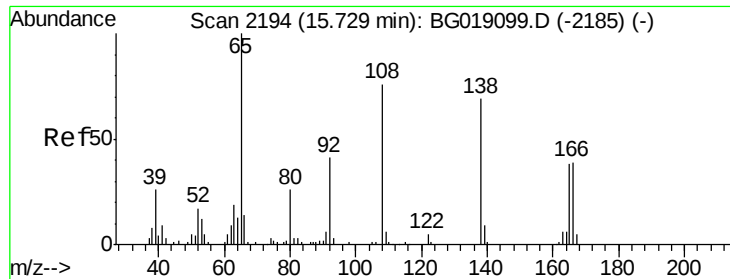
Tot Ion:149 Resp: 3603  
Ion Ratio Lower Upper  
149 100  
177 17.6 17.7 26.5#  
150 10.1 9.4 14.2



#60  
4-Chlorophenyl-phenylether  
Concen: 0.91 ng  
RT: 15.70 min Scan# 2189  
Delta R.T. 0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:204 Resp: 1954  
Ion Ratio Lower Upper  
204 100  
206 31.5 27.0 40.4  
141 59.1 51.9 77.9





#61

4-Nitroaniline

Concen: 0.40 ng

RT: 15.71 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

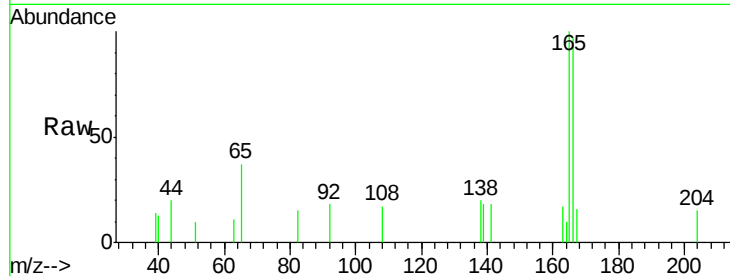
Tot Ion:138 Resp: 454

Ion Ratio Lower Upper

138 100

92 88.8 39.0 79.0#

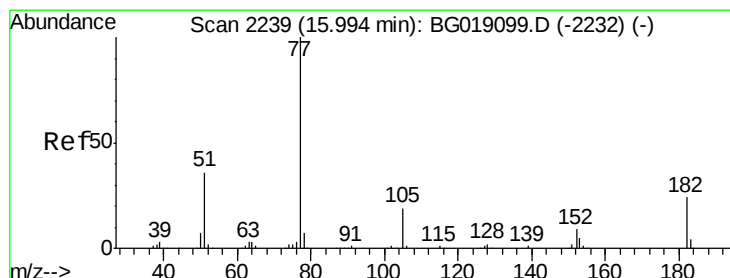
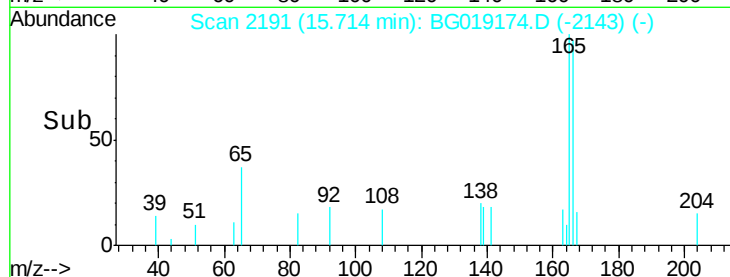
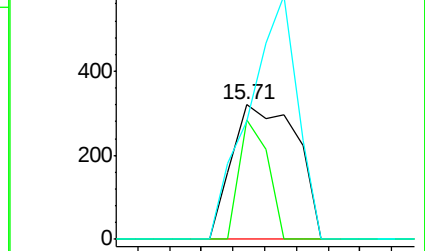
108 87.5 90.8 130.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 0.85 ng

RT: 15.99 min Scan# 2238

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Tgt Ion: 77 Resp: 3586

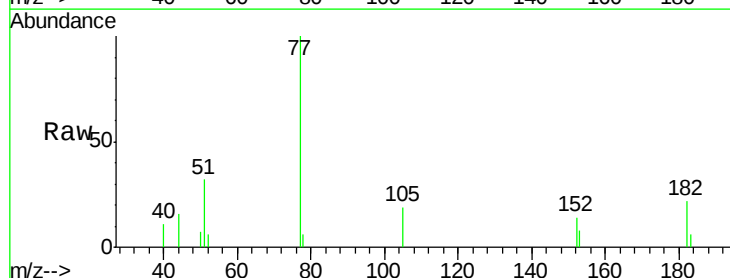
Ion Ratio Lower Upper

77 100

182 21.8 4.4 44.4

105 18.7 0.0 39.1

51 32.0 15.9 55.9

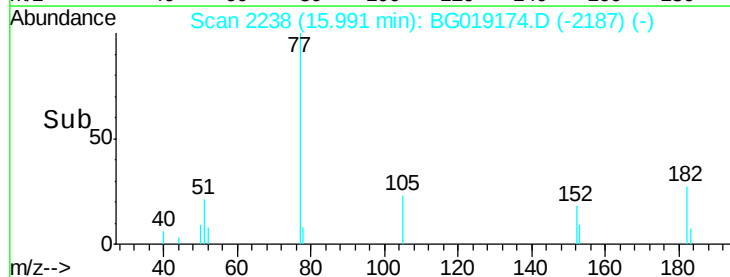
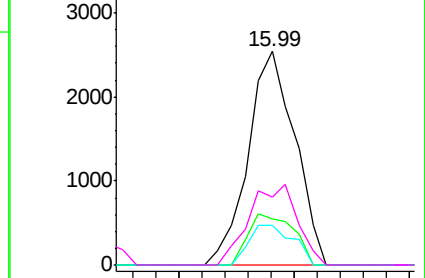


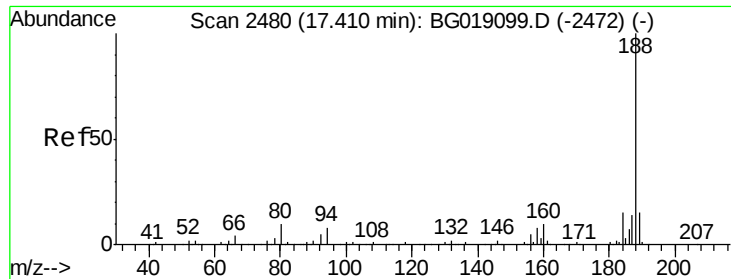
Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BGC





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.41 min Scan# 2479

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

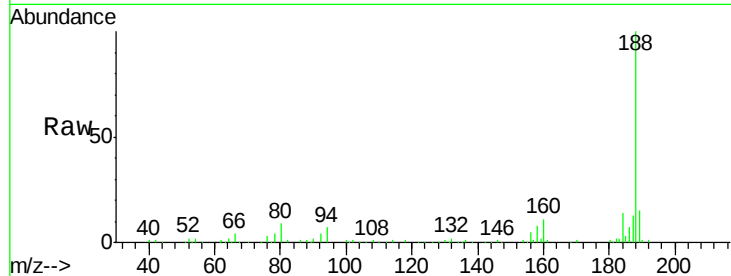
Tot Ion:188 Resp: 148947

Ion Ratio Lower Upper

188 100

94 6.9 6.4 9.6

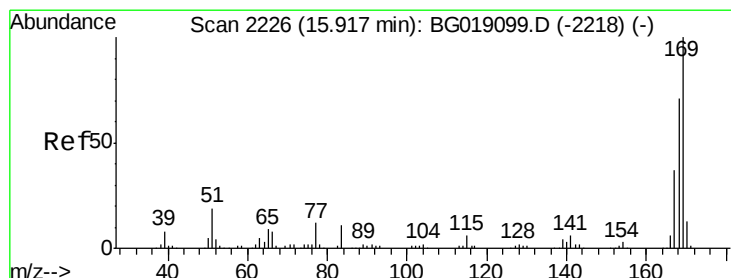
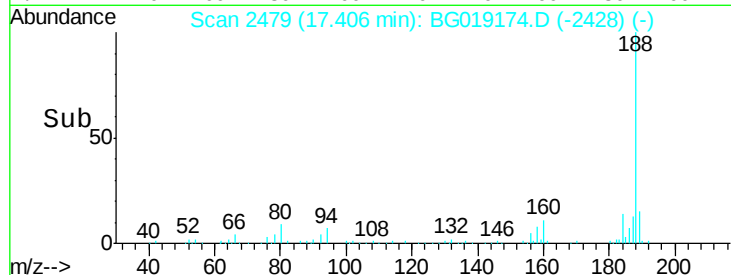
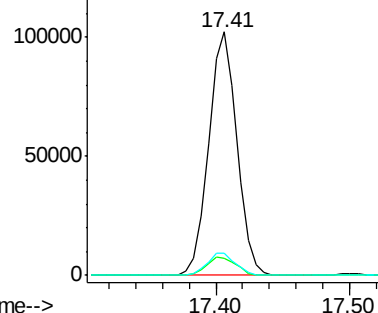
80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#65

n-Nitrosodiphenylamine

Concen: 0.75 ng

RT: 15.91 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

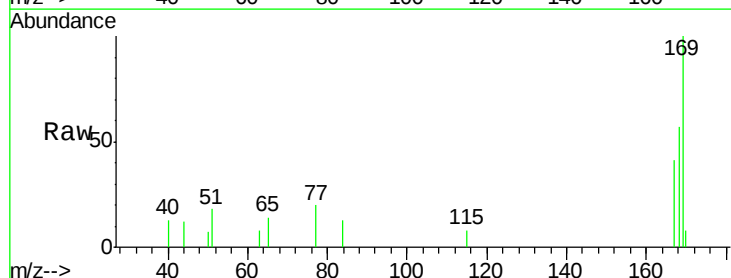
Tgt Ion:169 Resp: 3077

Ion Ratio Lower Upper

169 100

168 57.2 56.6 84.8

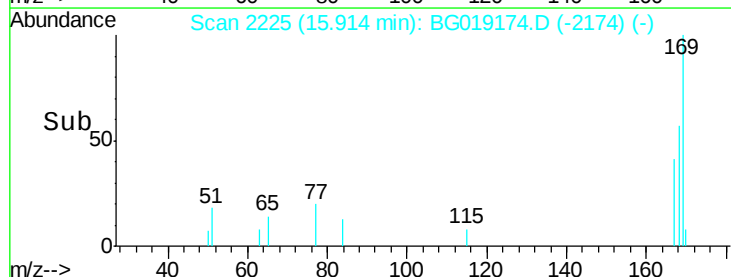
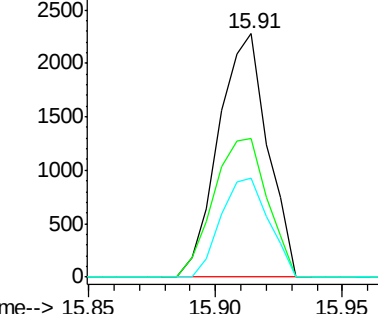
167 40.8 30.0 45.0

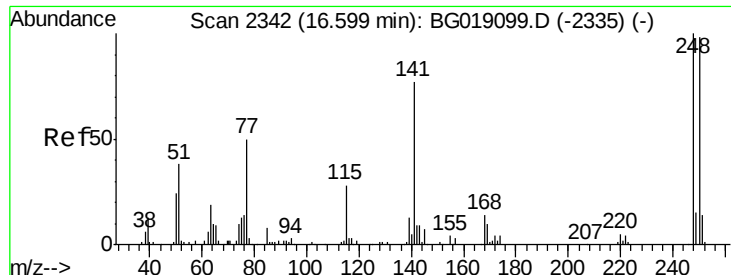


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

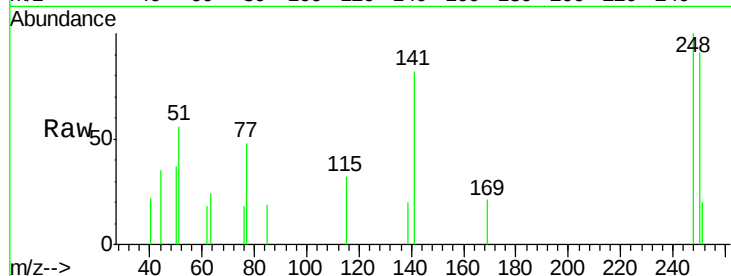




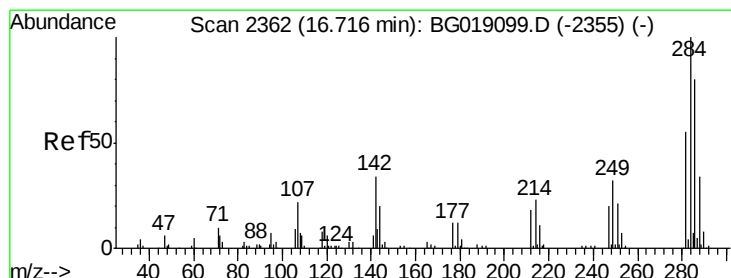
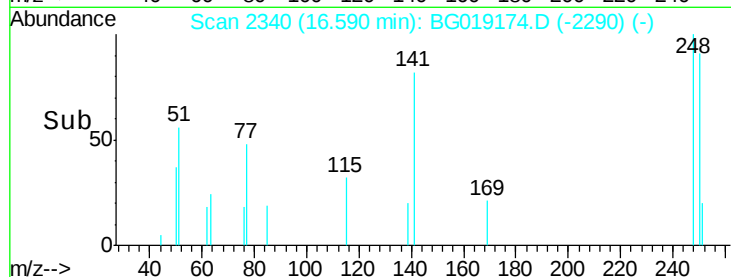
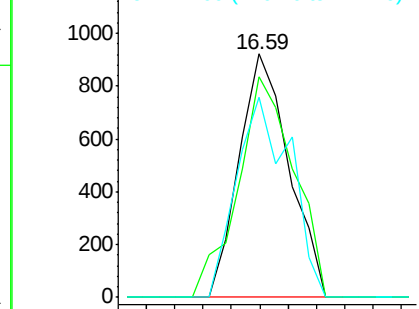
#66  
4-Bromophenyl-phenylether  
Concen: 0.74 ng  
RT: 16.59 min Scan# 2340  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

Tot Ion:248 Resp: 1126  
Ion Ratio Lower Upper  
248 100  
250 90.8 78.4 117.6  
141 82.2 61.7 92.5

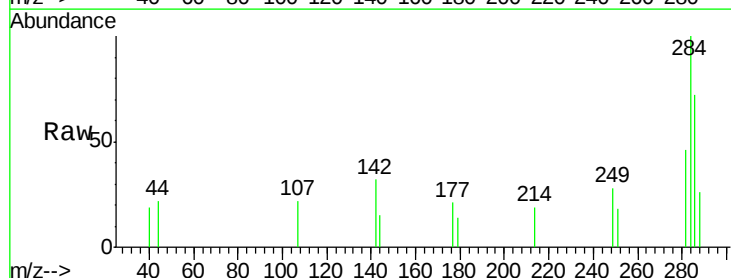


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

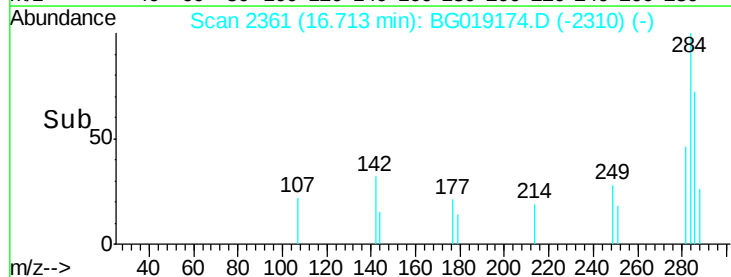
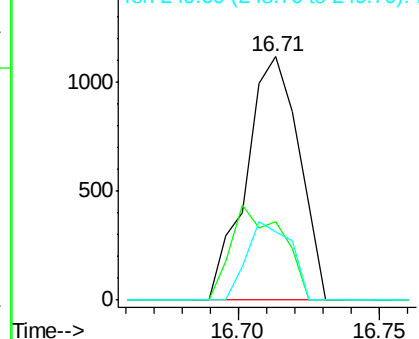


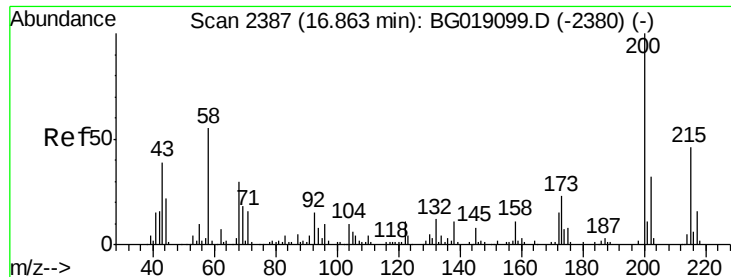
#67  
Hexachlorobenzene  
Concen: 0.82 ng  
RT: 16.71 min Scan# 2361  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:284 Resp: 1449  
Ion Ratio Lower Upper  
284 100  
142 32.0 27.0 40.4  
249 28.0 25.4 38.2



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





#68

Atrazine

Concen: 0.63 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

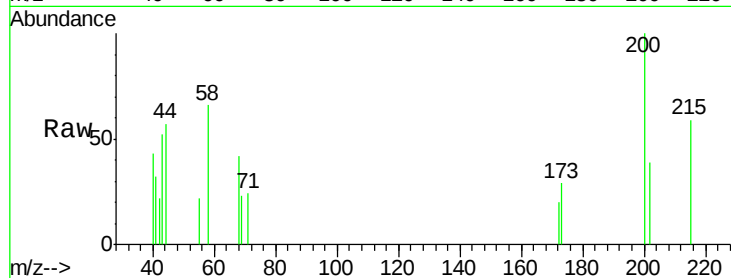
Tot Ion:200 Resp: 1070

Ion Ratio Lower Upper

200 100

173 29.0 3.3 43.3

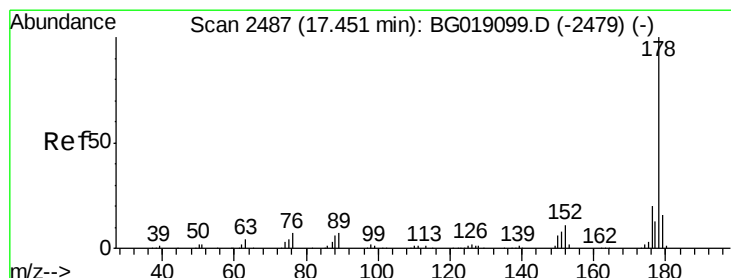
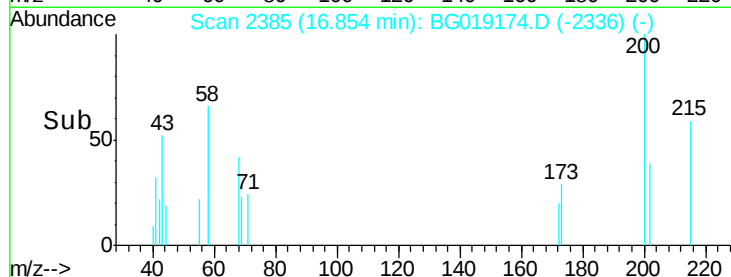
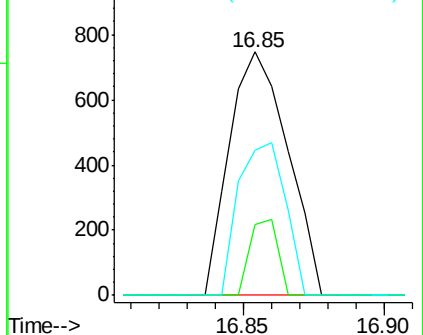
215 59.4 26.4 66.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Phenanthrene

Concen: 0.86 ng

RT: 17.45 min Scan# 2486

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

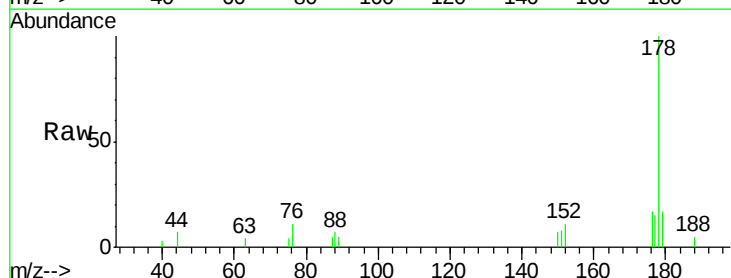
Tgt Ion:178 Resp: 6566

Ion Ratio Lower Upper

178 100

176 16.7 16.3 24.5

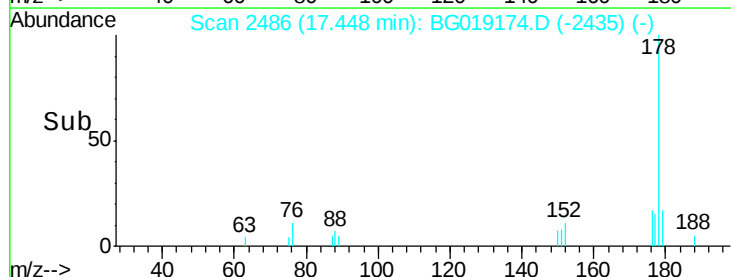
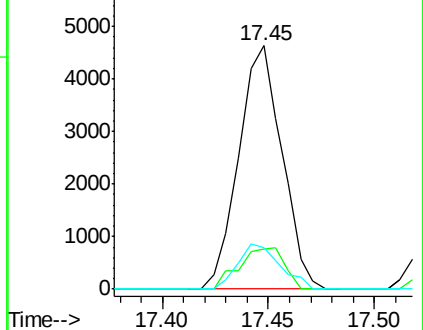
179 17.0 12.8 19.2

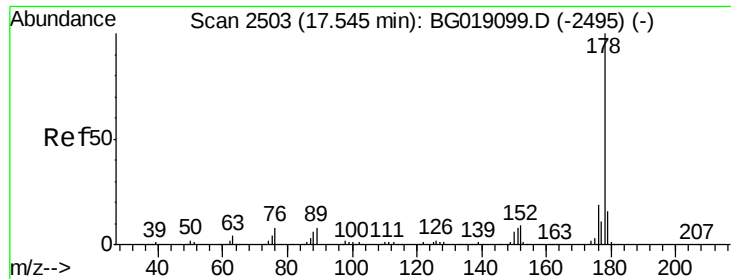


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

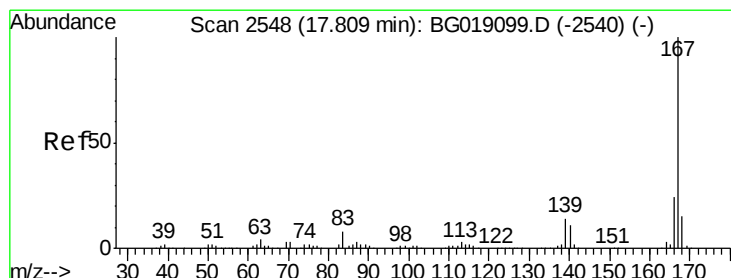
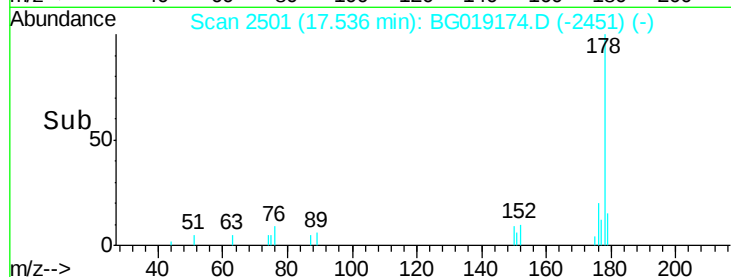
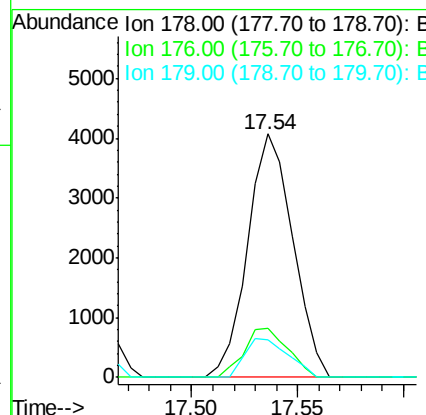
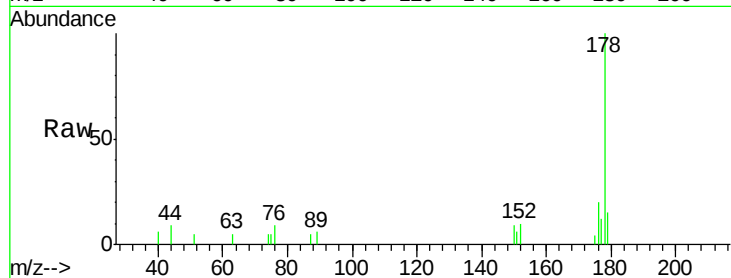




#71  
 Anthracene  
 Concen: 0.79 ng  
 RT: 17.54 min Scan# 2501  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

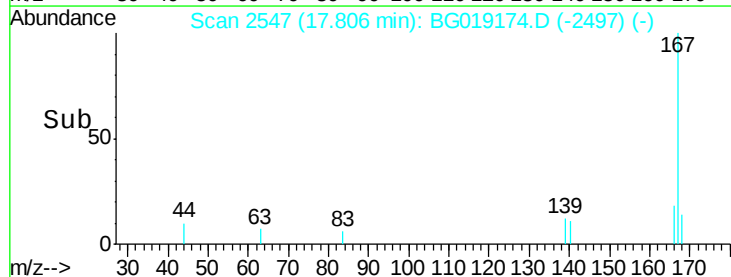
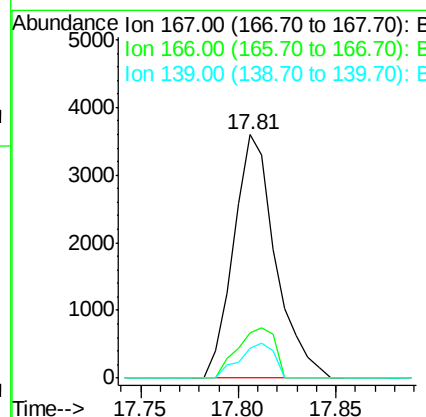
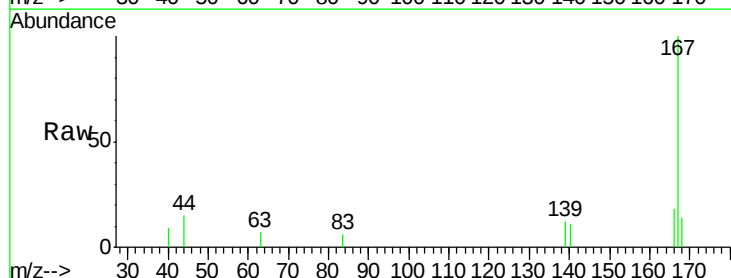
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

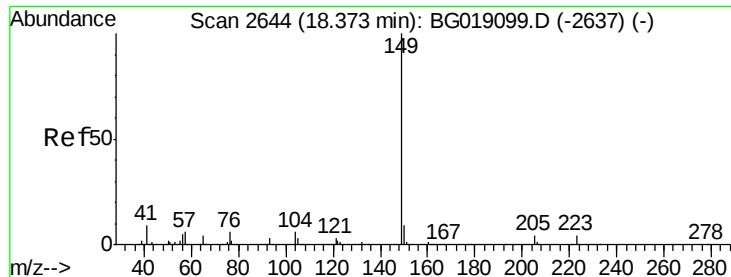
Tot Ion:178 Resp: 6050  
 Ion Ratio Lower Upper  
 178 100  
 176 20.0 15.5 23.3  
 179 15.5 12.9 19.3



#72  
 Carbazole  
 Concen: 0.74 ng  
 RT: 17.81 min Scan# 2547  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:167 Resp: 5338  
 Ion Ratio Lower Upper  
 167 100  
 166 18.3 19.1 28.7#  
 139 12.2 11.2 16.8

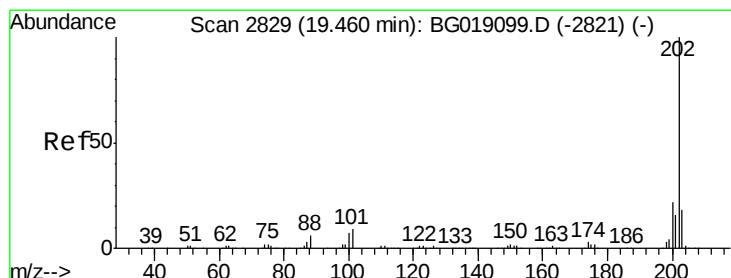
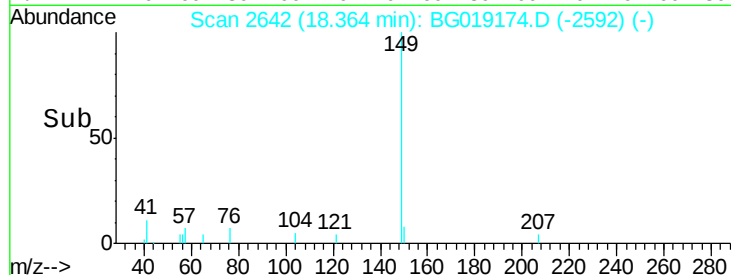
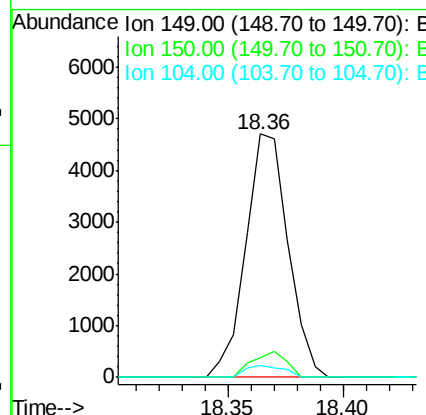
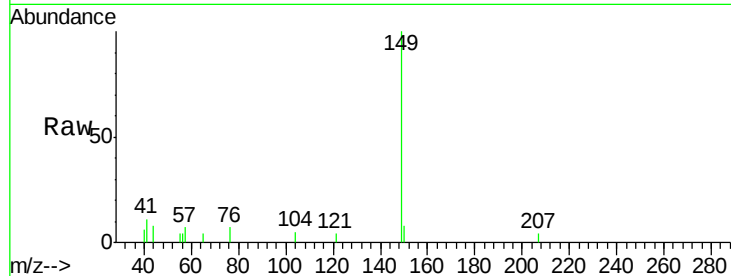




#73  
Di-n-butylphthalate  
Concen: 0.69 ng  
RT: 18.36 min Scan# 2642  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

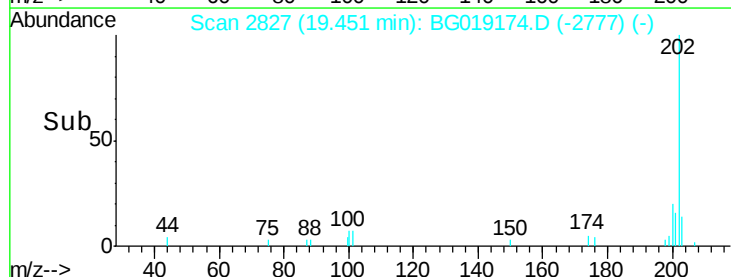
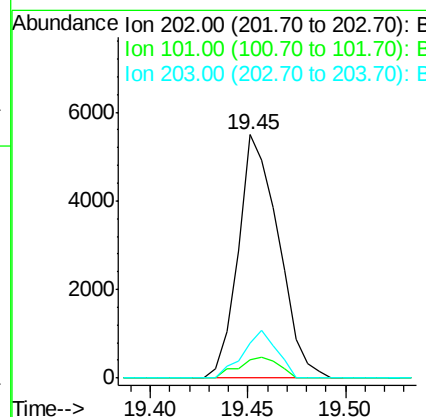
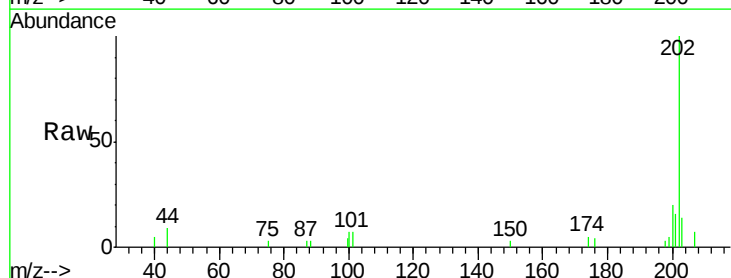
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

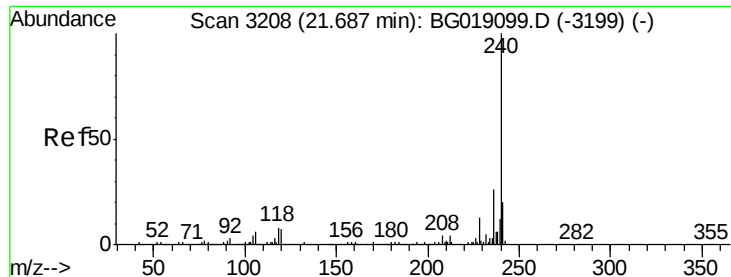
Tot Ion:149 Resp: 6049  
Ion Ratio Lower Upper  
149 100  
150 8.1 7.5 11.3  
104 4.9 5.0 7.6#



#74  
Fluoranthene  
Concen: 0.79 ng  
RT: 19.45 min Scan# 2827  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:202 Resp: 7814  
Ion Ratio Lower Upper  
202 100  
101 7.4 0.0 28.9  
203 14.4 0.0 38.0

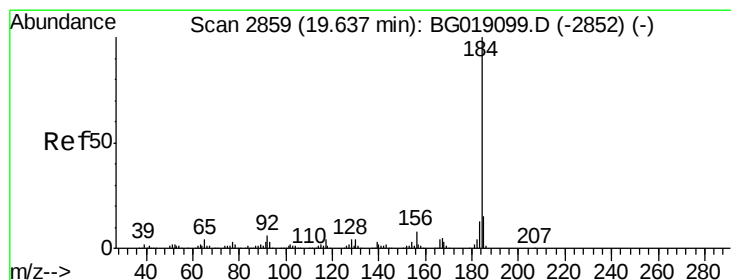
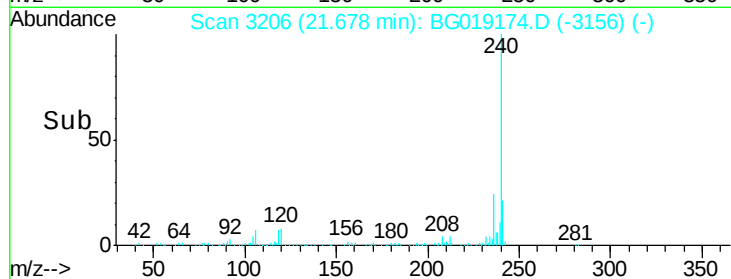
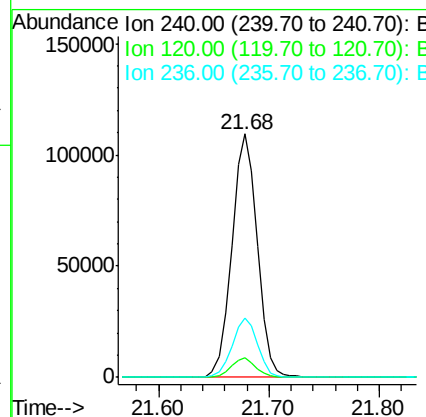
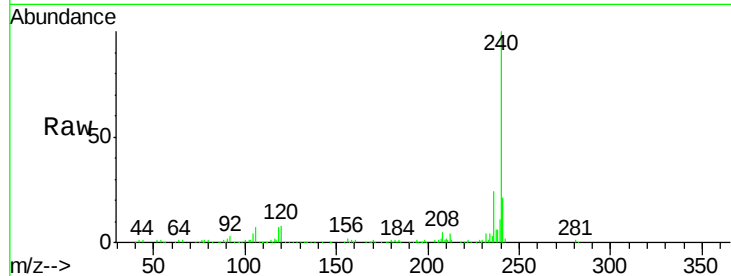




#75  
Chrysene-d12  
Concen: 20.00 ng  
RT: 21.68 min Scan# 3206  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

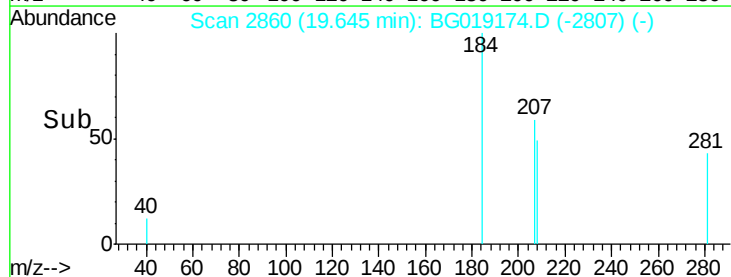
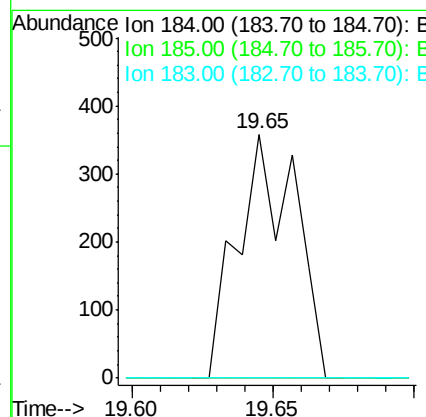
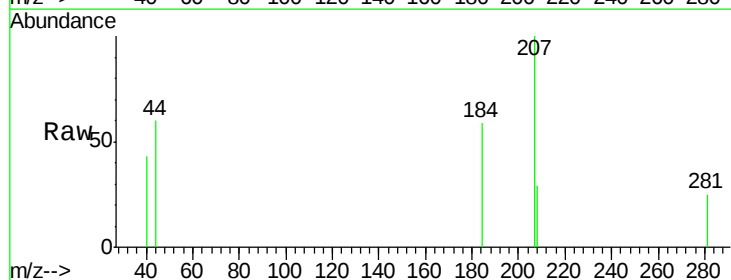
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

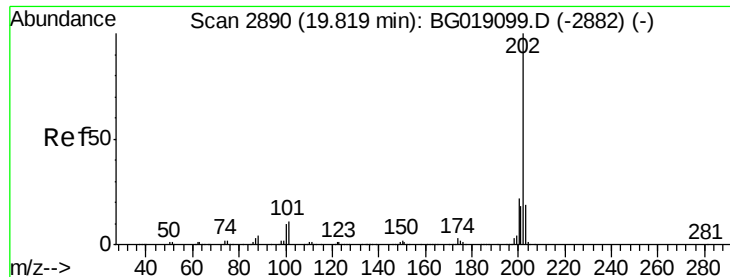
Tot Ion:240 Resp: 176051  
Ion Ratio Lower Upper  
240 100  
120 8.1 5.8 8.6  
236 24.4 21.2 31.8



#76  
Benzidine  
Concen: 0.11 ng  
RT: 19.65 min Scan# 2860  
Delta R.T. 0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:184 Resp: 505  
Ion Ratio Lower Upper  
184 100  
185 0.0 11.9 17.9#  
183 0.0 10.1 15.1#

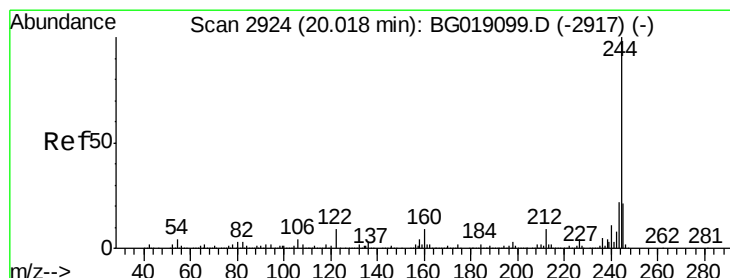
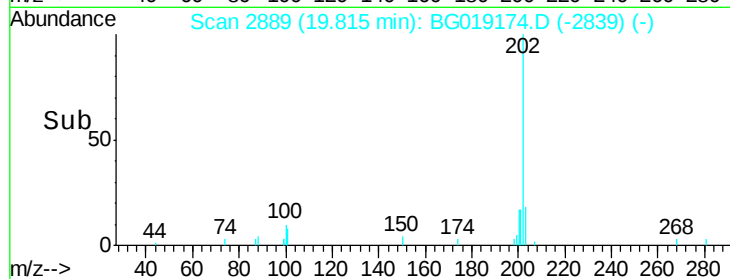
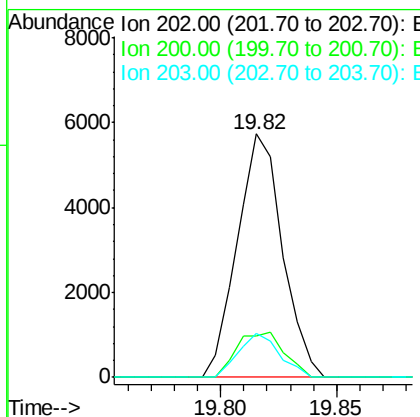
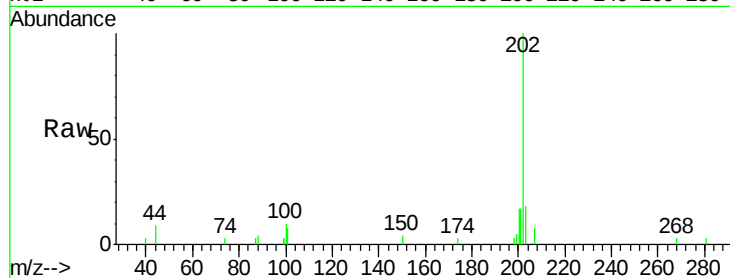




#77  
Pvrene  
Concen: 0.79 ng  
RT: 19.82 min Scan# 2889  
Delta R.T. -0.01 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

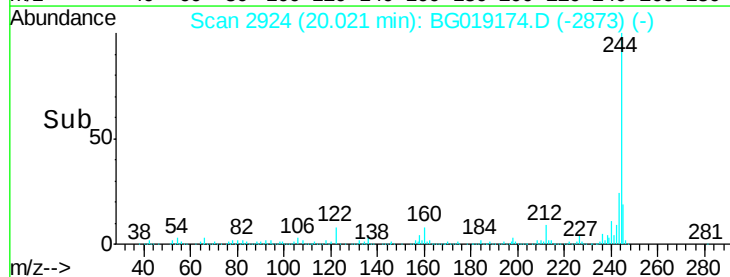
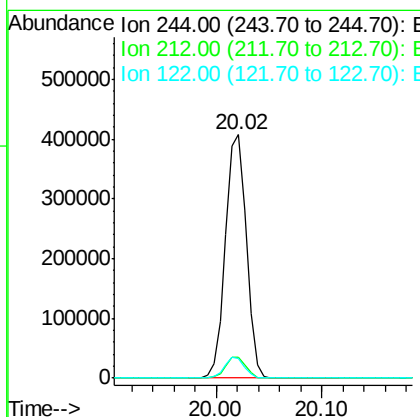
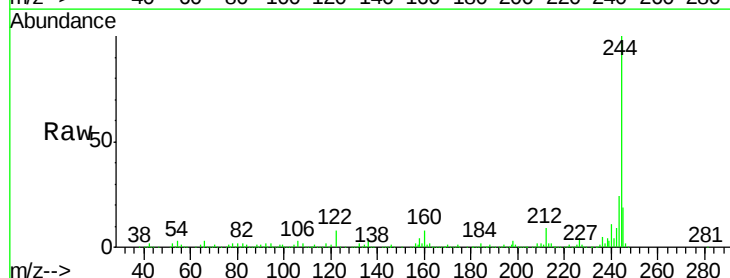
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

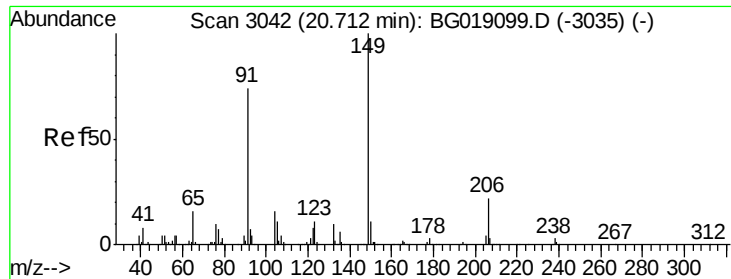
Tot Ion:202 Resp: 7806  
Ion Ratio Lower Upper  
202 100  
200 17.0 17.4 26.2#  
203 18.1 14.8 22.2



#78  
Terphenyl-d14  
Concen: 83.75 ng  
RT: 20.02 min Scan# 2924  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:244 Resp: 558179  
Ion Ratio Lower Upper  
244 100  
212 8.7 6.8 10.2  
122 7.8 7.4 11.2

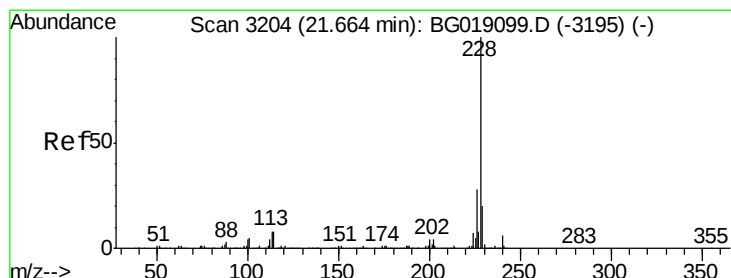
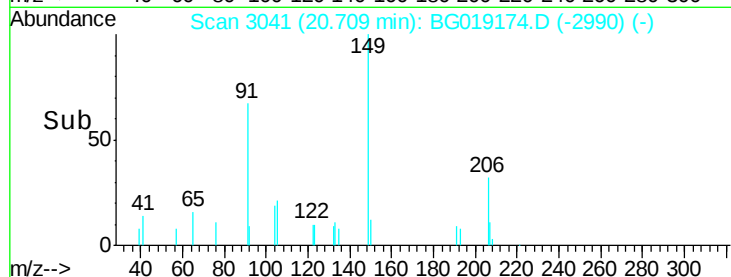
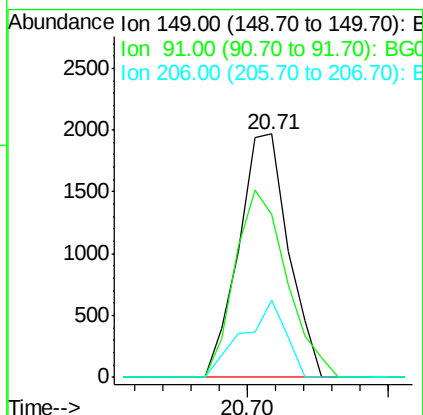
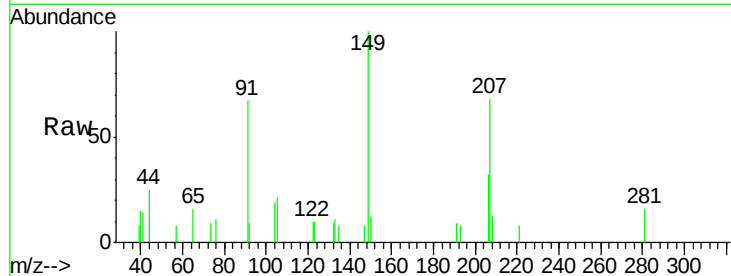




#79  
Butylbenzylphthalate  
Concen: 0.60 ng  
RT: 20.71 min Scan# 3041  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

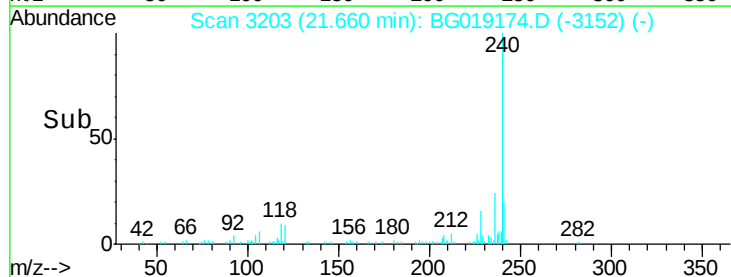
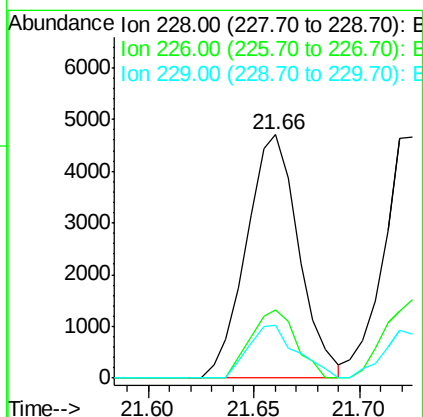
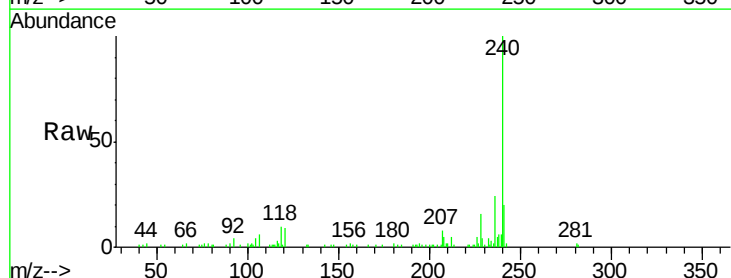
Instrument :  
BNA\_G  
ClientSampleId :  
LOD-WATER2015-01

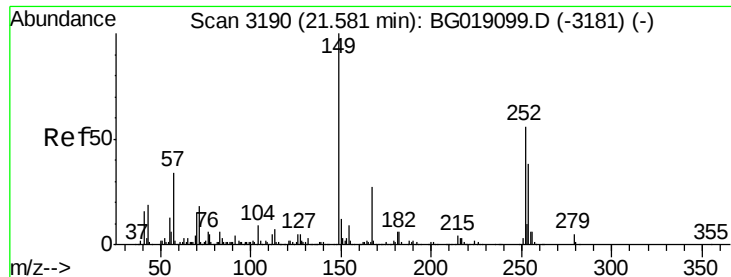
Tot Ion:149 Resp: 2394  
Ion Ratio Lower Upper  
149 100  
91 66.9 59.2 88.8  
206 31.8 17.5 26.3#



#80  
Benzo(a)anthracene  
Concen: 0.86 ng  
RT: 21.66 min Scan# 3203  
Delta R.T. -0.00 min  
Lab File: BG019174.D  
Acq: 13 Oct 2015 1:32

Tgt Ion:228 Resp: 8115  
Ion Ratio Lower Upper  
228 100  
226 27.9 22.4 33.6  
229 21.7 16.2 24.2

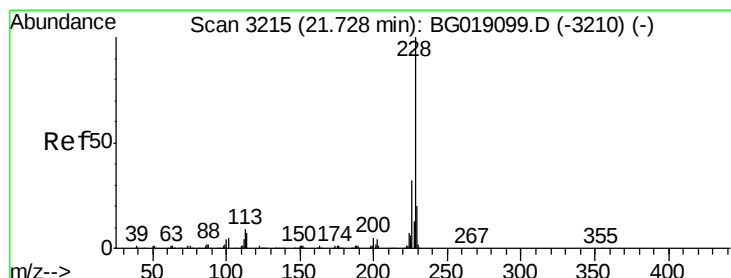
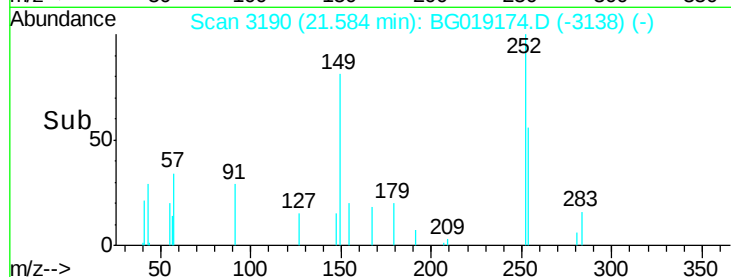
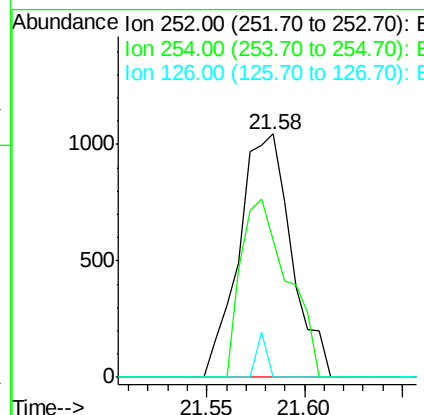
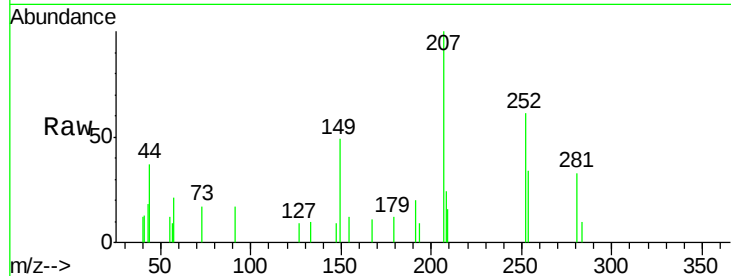




#81  
 3,3'-Dichlorobenzidine  
 Concen: 0.56 ng  
 RT: 21.58 min Scan# 3190  
 Delta R.T. 0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

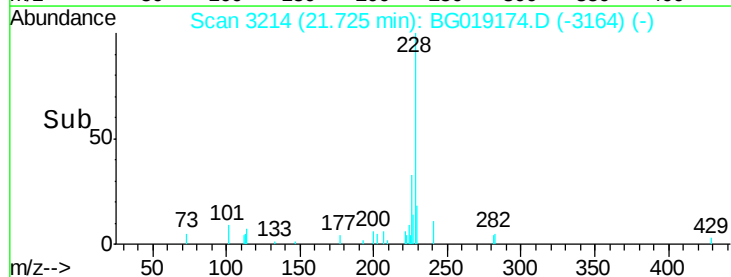
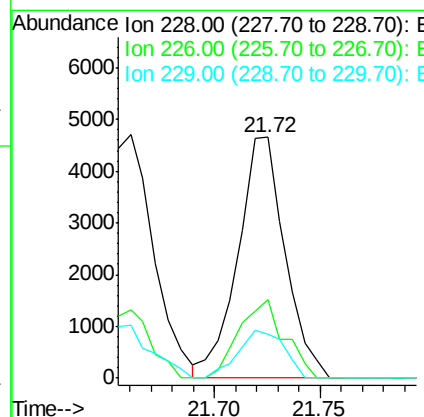
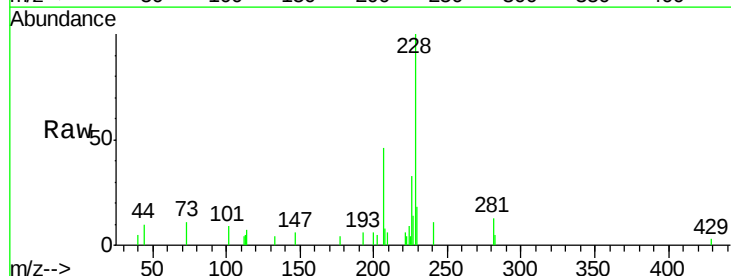
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

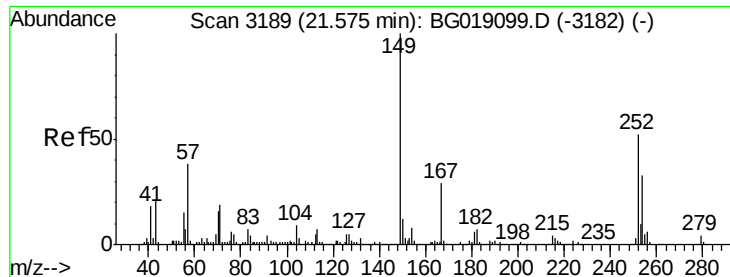
Tot Ion:252 Resp: 1944  
 Ion Ratio Lower Upper  
 252 100  
 254 56.3 53.9 80.9  
 126 0.0 7.0 10.6#



#82  
 Chrysene  
 Concen: 0.81 ng  
 RT: 21.72 min Scan# 3214  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:228 Resp: 7214  
 Ion Ratio Lower Upper  
 228 100  
 226 32.5 25.2 37.8  
 229 18.3 16.3 24.5

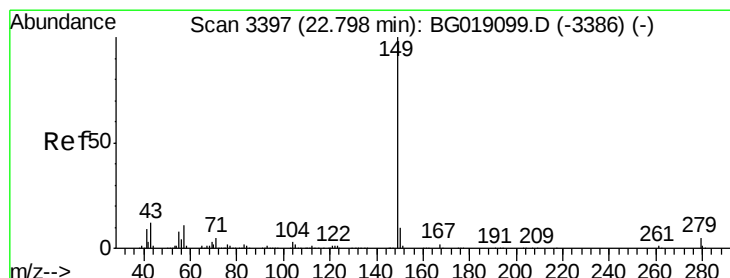
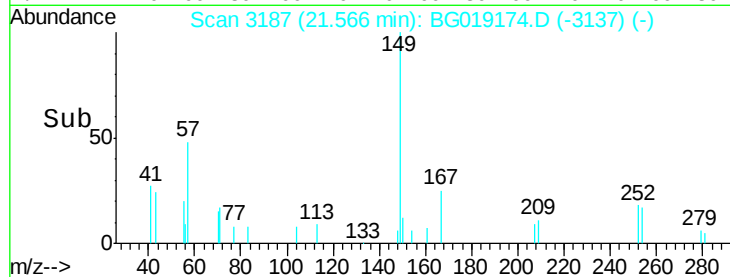
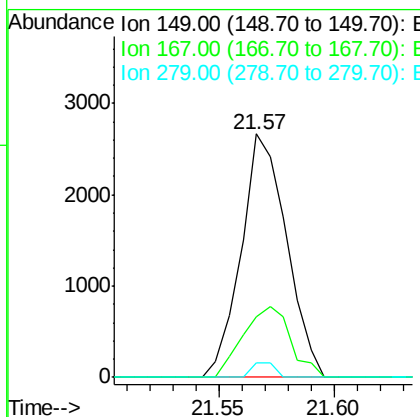
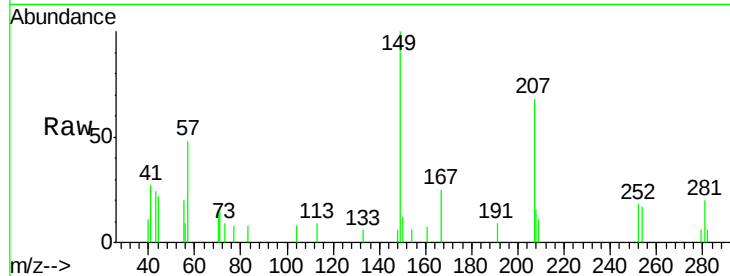




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 0.65 ng  
 RT: 21.57 min Scan# 3187  
 Delta R.T. -0.01 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

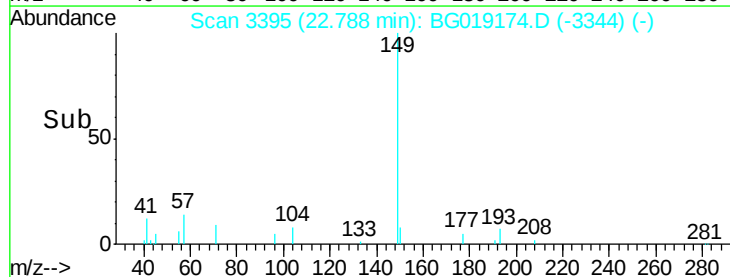
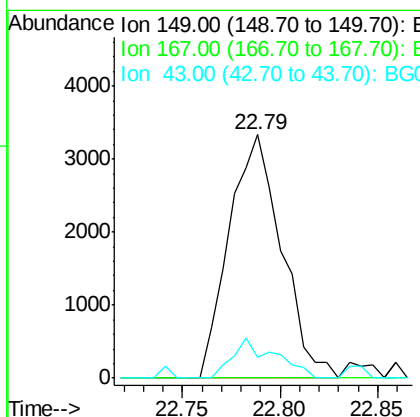
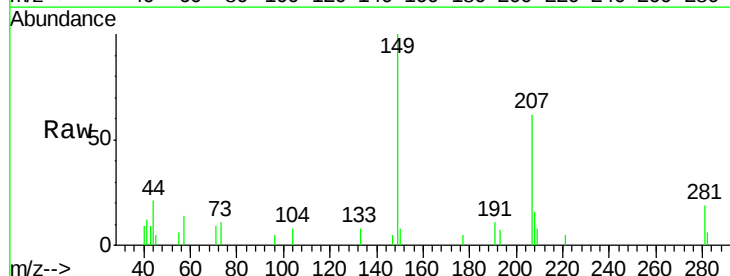
Instrument :  
 BNA\_G  
 ClientSampleId :  
 LOD-WATER2015-01

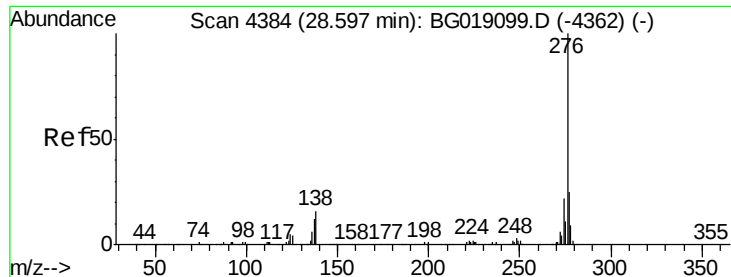
Tot Ion:149 Resp: 3651  
 Ion Ratio Lower Upper  
 149 100  
 167 24.6 22.8 34.2  
 279 5.9 3.6 5.4#



#84  
 Di-n-octyl phthalate  
 Concen: 0.64 ng  
 RT: 22.79 min Scan# 3395  
 Delta R.T. -0.00 min  
 Lab File: BG019174.D  
 Acq: 13 Oct 2015 1:32

Tgt Ion:149 Resp: 6199  
 Ion Ratio Lower Upper  
 149 100  
 167 0.0 1.3 1.9#  
 43 13.2 10.1 15.1





#85

Indeno(1,2,3-cd)pyrene

Concen: 0.43 ng

RT: 28.60 min Scan# 4384

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

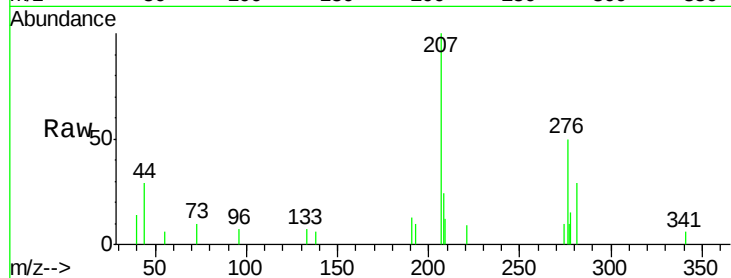
Tot Ion:276 Resp: 4677

Ion Ratio Lower Upper

276 100

138 0.0 10.2 15.4#

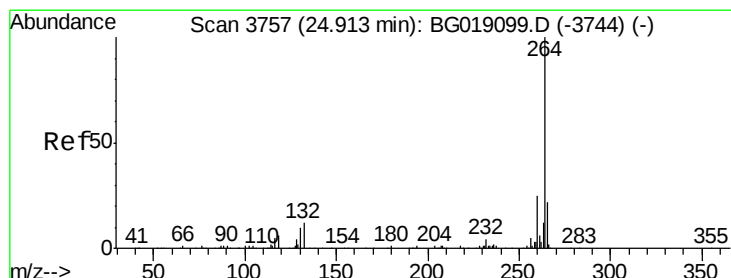
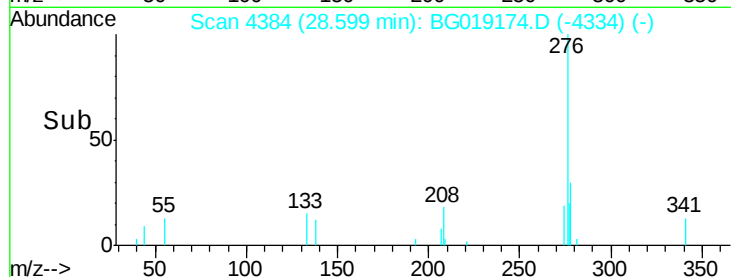
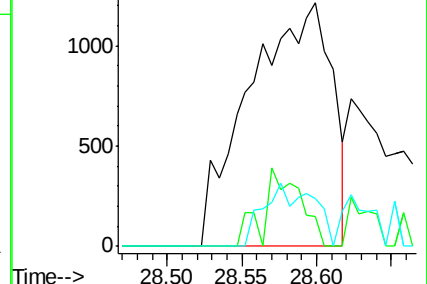
277 0.0 20.2 30.4#



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: 24.91 min Scan# 3756

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

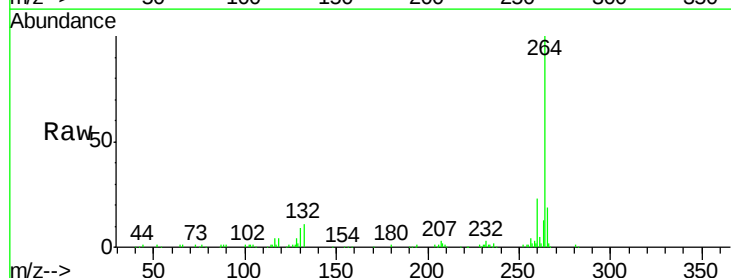
Tgt Ion:264 Resp: 171682

Ion Ratio Lower Upper

264 100

260 22.6 20.1 30.1

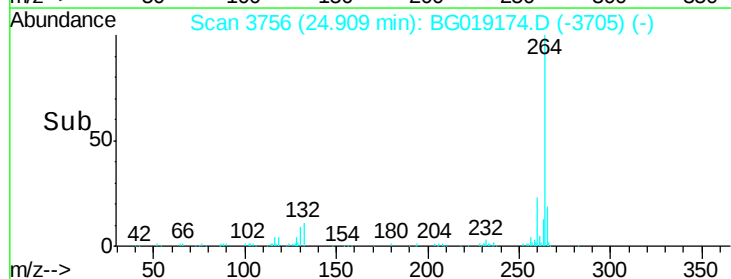
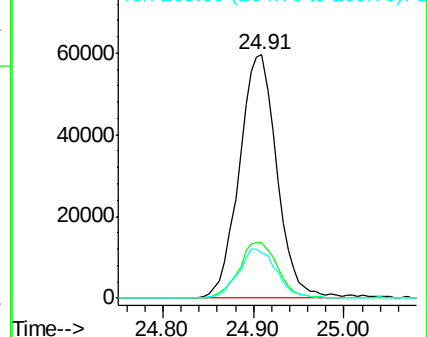
265 18.7 17.2 25.8

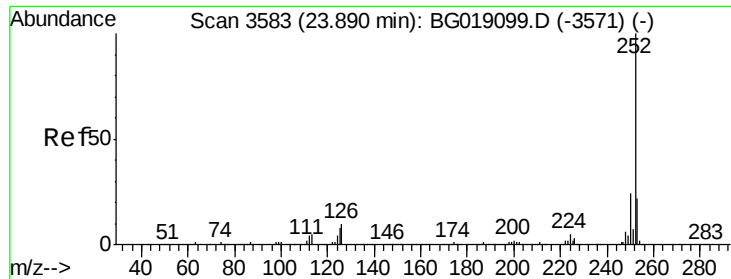


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 0.79 ng

RT: 23.88 min Scan# 3580

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

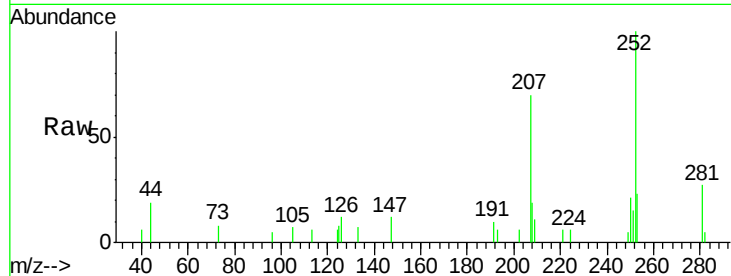
Tot Ion:252 Resp: 7298

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

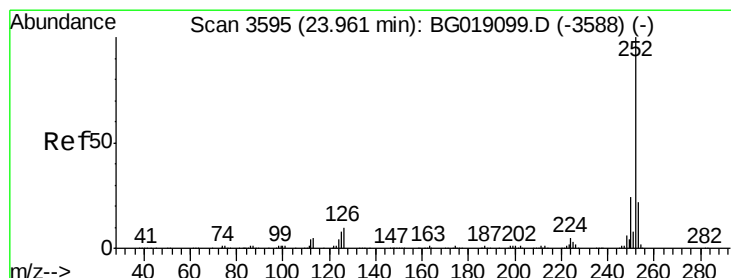
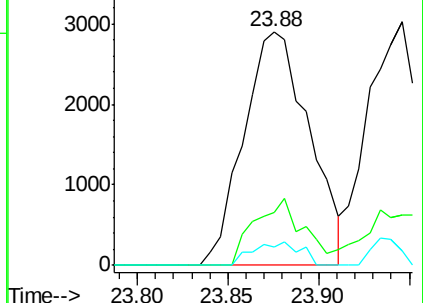
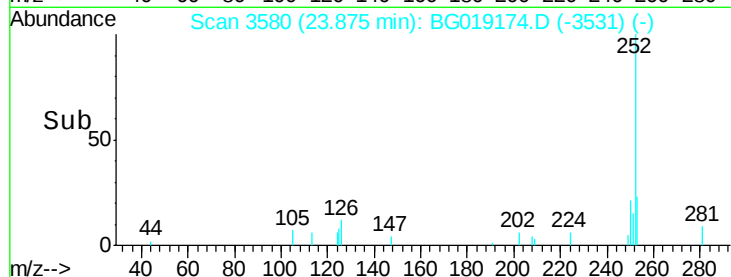
125 7.9 6.6 9.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 0.80 ng

RT: 23.88 min Scan# 3580

Delta R.T. -0.09 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

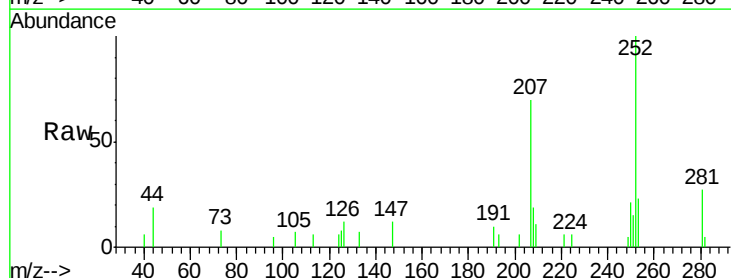
Tgt Ion:252 Resp: 7298

Ion Ratio Lower Upper

252 100

253 22.9 17.0 25.4

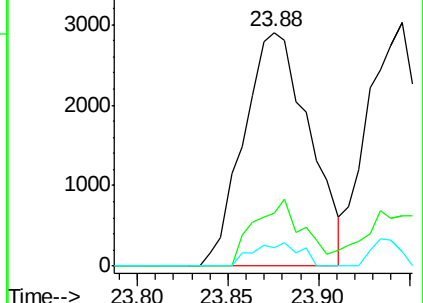
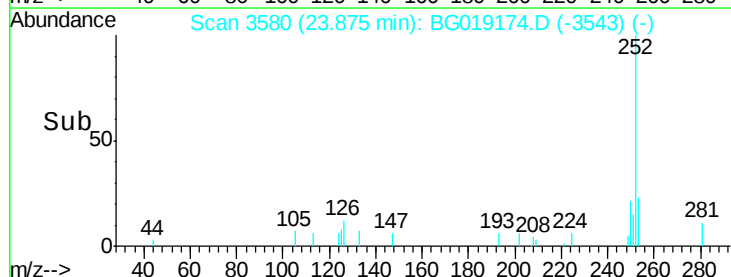
125 7.9 6.4 9.6

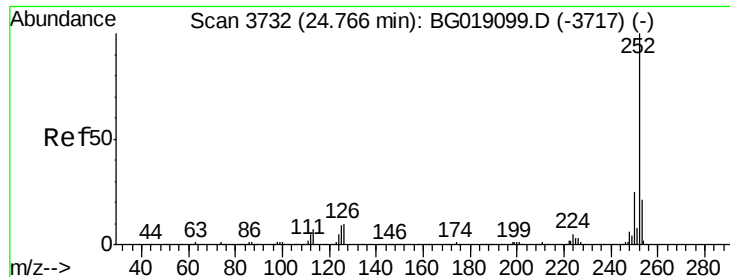


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 0.73 ng

RT: 24.75 min Scan# 3729

Delta R.T. -0.01 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

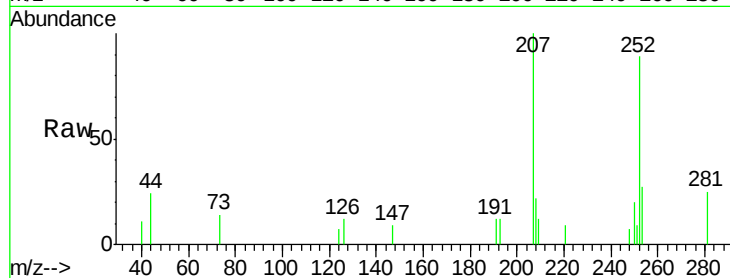
Tot Ion:252 Resp: 6373

Ion Ratio Lower Upper

252 100

253 30.8 17.0 25.4#

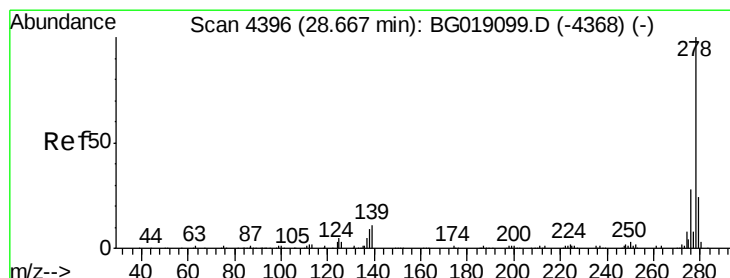
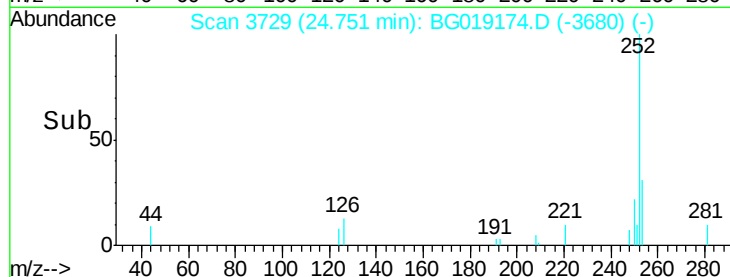
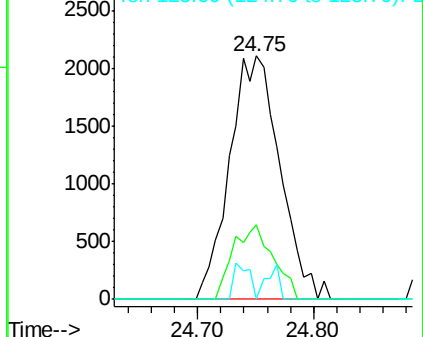
125 0.0 7.2 10.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 0.33 ng

RT: 28.66 min Scan# 4395

Delta R.T. -0.00 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

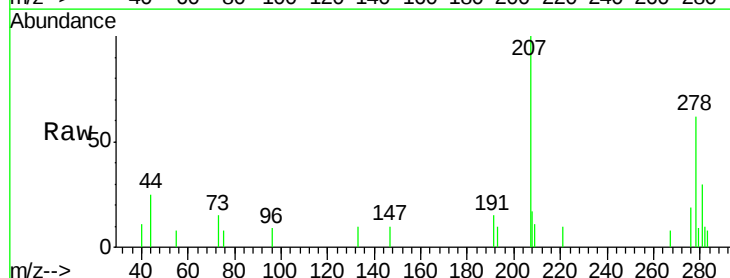
Tgt Ion:278 Resp: 3066

Ion Ratio Lower Upper

278 100

139 0.0 8.6 12.8#

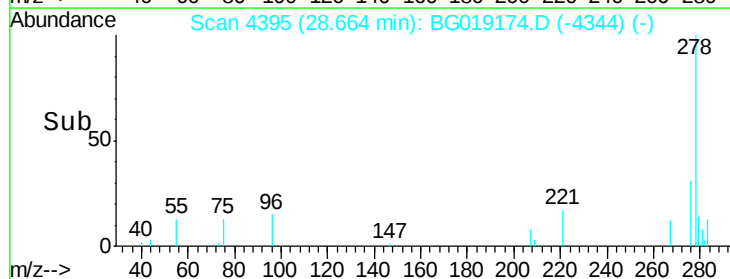
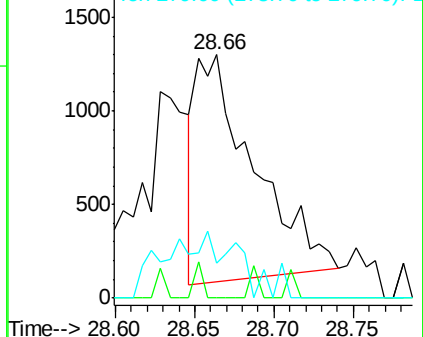
279 14.4 19.5 29.3#

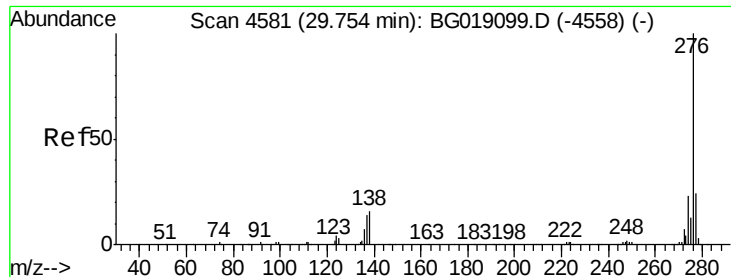


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 0.60 ng

RT: 29.72 min Scan# 4575

Delta R.T. -0.04 min

Lab File: BG019174.D

Acq: 13 Oct 2015 1:32

Instrument :

BNA\_G

ClientSampleId :

LOD-WATER2015-01

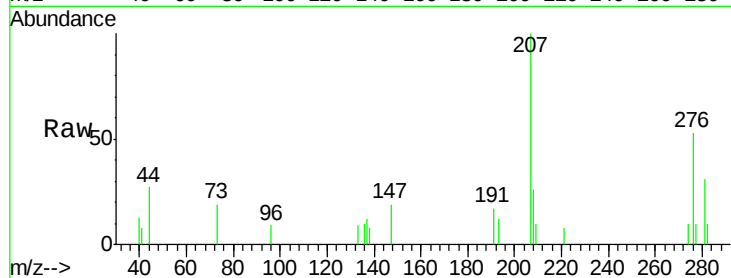
Tot Ion: 276 Resp: 5193

Ion Ratio Lower Upper

276 100

277 19.8 19.5 29.3

138 14.9 13.0 19.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

