

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112015\  
 Data File : BG019768.D  
 Acq On : 21 Nov 2015 23:58  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Quant Time: Nov 23 00:34:30 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Nov 22 07:06:07 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 23269    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.95 | 136  | 89840    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.75 | 164  | 69447    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.50 | 188  | 201639   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.76 | 240  | 266480   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.06 | 264  | 256560   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.41  | 96  | 4191   | 7.69  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.26  | 99  | 44953  | 18.86 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 29209  | 18.70 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 28982  | 18.96 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 35700  | 18.09 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.29  | 128 | 15780  | 21.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.02 | 143 | 17024  | 20.51 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 37465  | 20.87 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 32476  | 19.06 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 123453 | 19.66 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 140929 | 20.70 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.94 | 143 | 20233  | 20.45 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.74 | 176 | 113943 | 20.27 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 25249  | 19.38 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.59 | 188 | 196903 | 20.11 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.87 | 212 | 241559 | 19.89 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.83 | 264 | 277016 | 20.68 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |       |        | Qvalue |
|--------------------------------|-------|-----|-------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 5048  | 8.13  | ng/uL# | 77     |
| 4) Benzaldehyde                | 7.24  | 77  | 36432 | 20.97 | ng/ul  | 94     |
| 6) Phenol                      | 7.29  | 94  | 48576 | 18.87 | ng/ul  | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.53  | 93  | 34157 | 19.07 | ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.67  | 128 | 28303 | 18.95 | ng/ul  | 94     |
| 11) 2-Methylphenol             | 8.56  | 108 | 35486 | 18.73 | ng/ul  | 93     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.65  | 45  | 27753 | 17.74 | ng/ul  | 94     |
| 14) Acetophenone               | 8.94  | 105 | 59084 | 18.12 | ng/ul  | 88     |
| 15) N-Nitroso-di-n-propylamine | 8.92  | 70  | 36016 | 16.35 | ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.88  | 108 | 38828 | 18.19 | ng/ul  | 92     |
| 17) Hexachloroethane           | 9.21  | 117 | 14194 | 20.00 | ng/ul  | 97     |
| 20) Nitrobenzene               | 9.33  | 77  | 54572 | 20.54 | ng/ul  | 96     |
| 21) Isophorone                 | 9.85  | 82  | 95719 | 18.68 | ng/ul  | 96     |
| 23) 2-Nitrophenol              | 10.05 | 139 | 19603 | 21.82 | ng/ul  | 96     |
| 24) 2,4-Dimethylphenol         | 10.10 | 107 | 48609 | 20.30 | ng/ul  | 97     |
| 25) Bis(2-Chloroethoxy)methane | 10.34 | 93  | 48228 | 19.02 | ng/ul  | 94     |
| 27) 2,4-Dichlorophenol         | 10.59 | 162 | 34378 | 20.11 | ng/ul  | 96     |
| 28) Naphthalene                | 10.99 | 128 | 99056 | 20.41 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.10 | 127 | 32243 | 18.19 | ng/ul# | 86     |
| 31) Hexachlorobutadiene        | 11.28 | 225 | 34001 | 22.10 | ng/ul  | 97     |
| 32) Caprolactam                | 11.85 | 113 | 9386  | 13.50 | ng/ul# | 88     |
| 33) 4-Chloro-3-methylphenol    | 12.21 | 107 | 47654 | 20.00 | ng/ul  | 93     |
| 34) 2-Methylnaphthalene        | 12.59 | 142 | 75336 | 19.47 | ng/ul  | 94     |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sun Nov 22 07:06:07 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.81 | 142  | 74435    | 19.30 | ng/ul  | 97       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216  | 62078    | 22.30 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.93 | 237  | 24085    | 14.85 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.19 | 196  | 36405    | 21.44 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 13.27 | 196  | 40275    | 22.67 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.59 | 154  | 107540   | 20.82 | ng/ul  | 99       |
| 42) 2-Chloronaphthalene        | 13.64 | 162  | 84666    | 21.09 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.83 | 65   | 34120    | 20.11 | ng/ul  | 94       |
| 45) Dimethylphthalate          | 14.20 | 163  | 123207   | 19.78 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 14.32 | 165  | 26306    | 21.11 | ng/ul# | 89       |
| 48) Acenaphthylene             | 14.48 | 152  | 140928   | 20.74 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.65 | 138  | 20906    | 20.14 | ng/ul  | 94       |
| 50) Acenaphthene               | 14.82 | 153  | 97162    | 20.89 | ng/ul  | 96       |
| 51) 2,4-Dinitrophenol          | 14.87 | 184  | 14018    | 17.12 | ng/ul  | 96       |
| 53) 4-Nitrophenol              | 14.96 | 109  | 24704    | 20.48 | ng/ul  | 91       |
| 54) Dibenzofuran               | 15.15 | 168  | 142208   | 20.85 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 15.11 | 165  | 41330    | 21.33 | ng/ul  | 91       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 42244    | 22.42 | ng/ul  | 96       |
| 57) Diethylphthalate           | 15.55 | 149  | 121574   | 19.54 | ng/ul  | 99       |
| 59) Fluorene                   | 15.80 | 166  | 121321   | 20.35 | ng/ul  | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.78 | 204  | 71836    | 20.71 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 25679    | 20.55 | ng/ul  | 93       |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 26390    | 19.08 | ng/ul# | 97       |
| 65) N-Nitrosodiphenylamine     | 16.00 | 169  | 109375   | 20.14 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.67 | 248  | 50441    | 20.80 | ng/ul  | 99       |
| 67) Hexachlorobenzene          | 16.80 | 284  | 54711    | 21.40 | ng/ul  | 96       |
| 68) Atrazine                   | 16.94 | 200  | 53786    | 21.23 | ng/ul# | 96       |
| 69) Pentachlorophenol          | 17.14 | 266  | 27573    | 19.27 | ng/ul  | 91       |
| 70) Phenanthrene               | 17.54 | 178  | 215287   | 19.95 | ng/ul  | 97       |
| 72) Anthracene                 | 17.63 | 178  | 217407   | 19.98 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.56 | 216  | 61832    | 22.21 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 15.07 | 250  | 62890    | 21.65 | ng/uL  | 98       |
| 75) Carbazole                  | 17.90 | 167  | 184998   | 21.17 | ng/ul  | 97       |
| 76) Di-n-butylphthalate        | 18.44 | 149  | 219805   | 19.39 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.54 | 202  | 293413   | 21.33 | ng/ul  | 98       |
| 80) Pyrene                     | 19.90 | 202  | 306779   | 19.71 | ng/ul  | 97       |
| 81) Butylbenzylphthalate       | 20.76 | 149  | 102965   | 20.11 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.65 | 252  | 96266    | 19.75 | ng/ul# | 98       |
| 83) Benzo(a)anthracene         | 21.75 | 228  | 331069   | 20.50 | ng/ul  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 148973   | 19.84 | ng/ul  | 99       |
| 85) Chrysene                   | 21.81 | 228  | 311378   | 20.48 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 22.86 | 149  | 261312   | 20.98 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.01 | 252  | 321500   | 20.34 | ng/ul  | 96       |
| 89) Benzo(k)fluoranthene       | 24.08 | 252  | 308902   | 20.25 | ng/ul  | 99       |
| 91) Benzo(a)pyrene             | 24.91 | 252  | 310465   | 20.40 | ng/ul  | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.83 | 276  | 345369   | 20.28 | ng/ul# | 93       |
| 93) Dibenzo(a,h)anthracene     | 28.90 | 278  | 288735   | 20.62 | ng/ul  | 98       |
| 94) Benzo(g,h,i)perylene       | 30.01 | 276  | 288429   | 20.41 | ng/ul  | 95       |

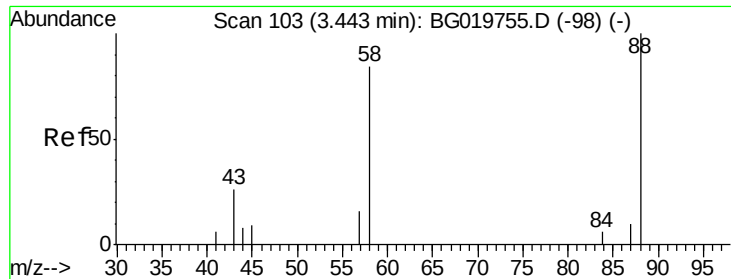
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112015\  
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| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                      |      |      |          |      |       |          |
| (#) = qualifier out of range (m) = manual integration (+) = signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 8.13 ng/uL

RT: 3.45 min Scan# 104

Delta R.T. 0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

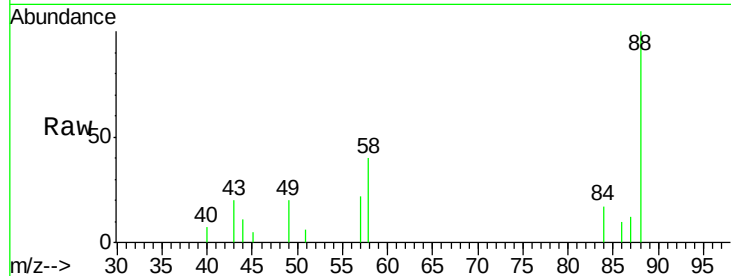
Tgt Ion: 88 Resp: 5048

Ion Ratio Lower Upper

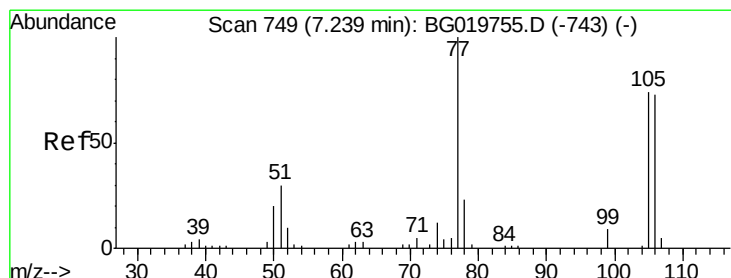
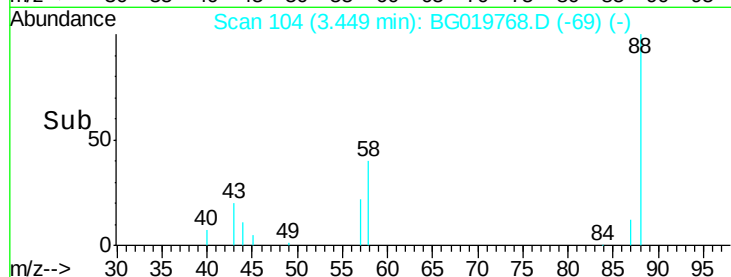
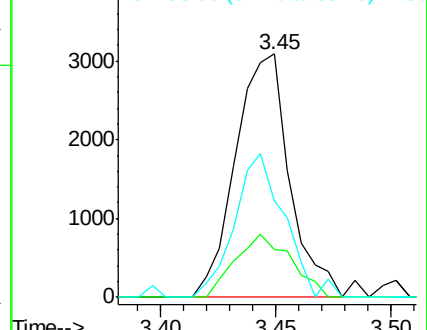
88 100

43 19.8 22.6 33.8#

58 39.8 48.0 72.0#



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



#4

Benzaldehyde

Concen: 20.97 ng/uL

RT: 7.24 min Scan# 749

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

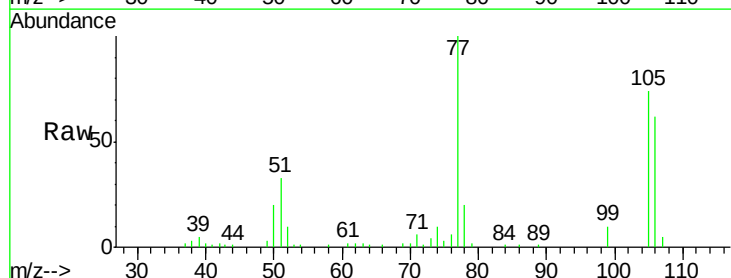
Tgt Ion: 77 Resp: 36432

Ion Ratio Lower Upper

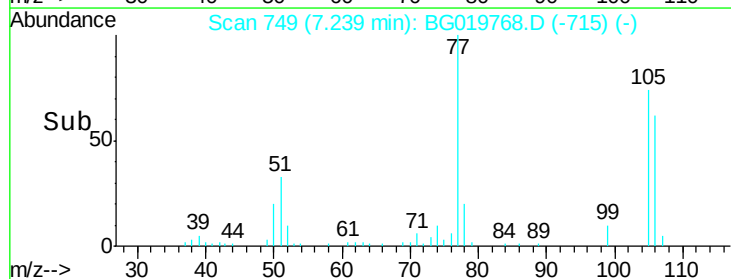
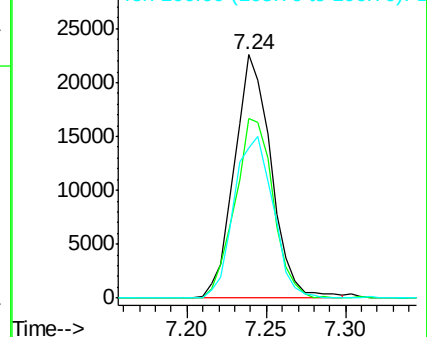
77 100

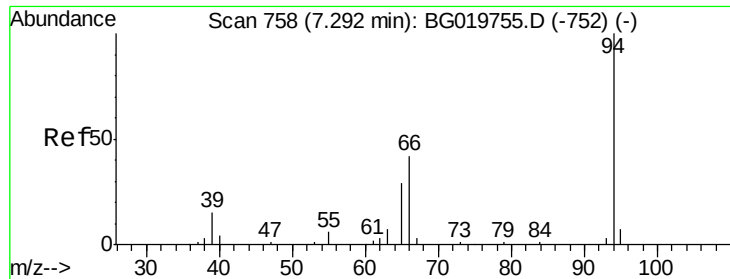
105 73.5 58.6 88.0

106 61.7 57.7 86.5



Abundance Ion 77.00 (76.70 to 77.70): BGC  
Ion 105.00 (104.70 to 105.70): BGC  
Ion 106.00 (105.70 to 106.70): BGC





#6

Phenol

Concen: 18.87 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

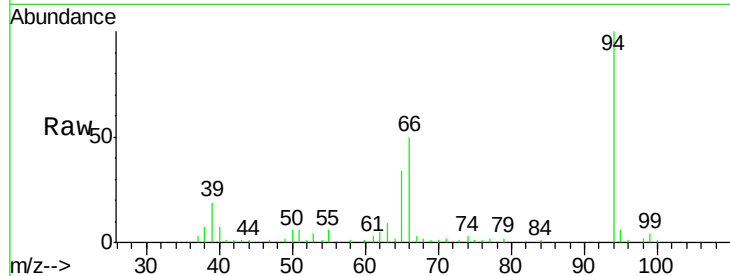
Tgt Ion: 94 Resp: 48576

Ion Ratio Lower Upper

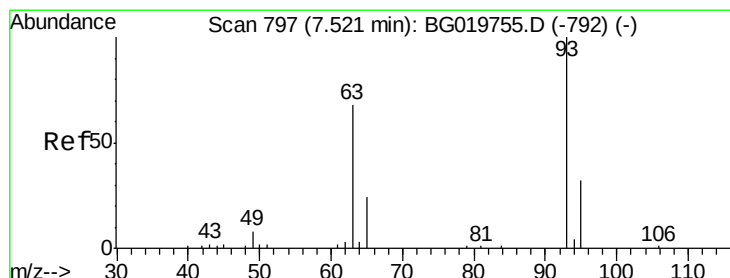
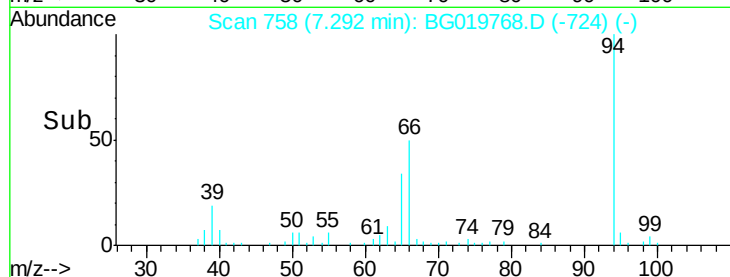
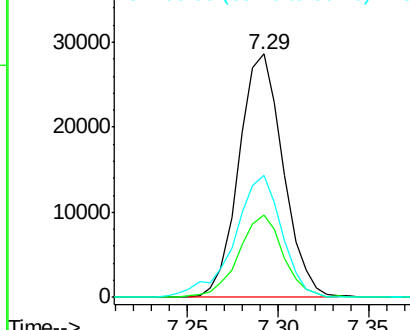
94 100

65 33.9 27.4 41.0

66 50.0 39.0 58.6



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



#8

Bis(2-Chloroethyl)ether

Concen: 19.07 ng/ul

RT: 7.53 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

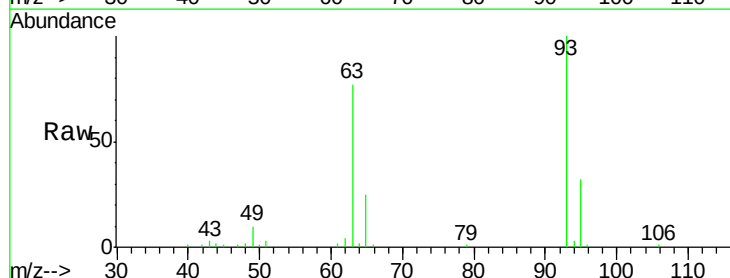
Tgt Ion: 93 Resp: 34157

Ion Ratio Lower Upper

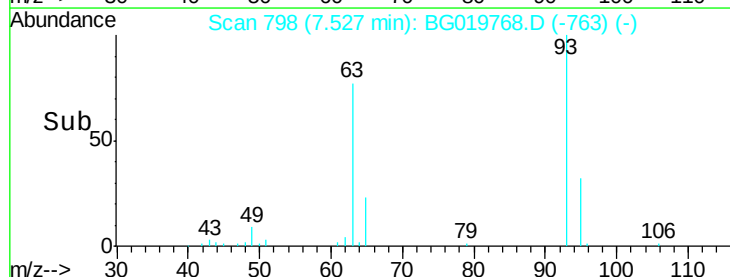
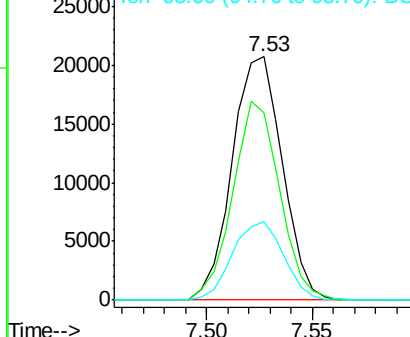
93 100

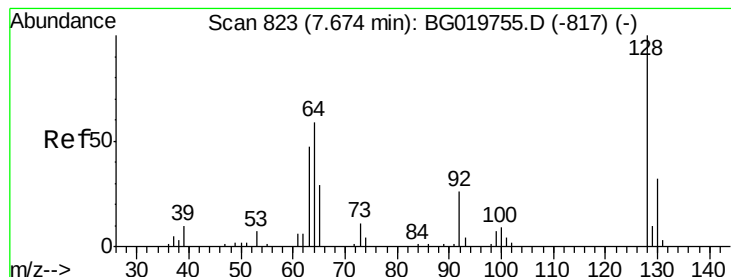
63 77.0 61.0 91.4

95 32.4 23.7 35.5



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





#10

2-Chlorophenol

Concen: 18.95 ng/ul

RT: 7.67 min Scan# 823

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

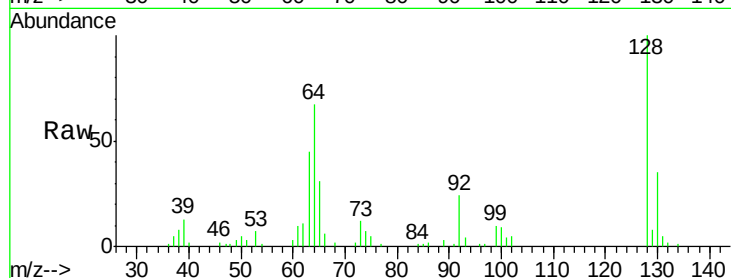
Tgt Ion:128 Resp: 28303

Ion Ratio Lower Upper

128 100

64 66.7 59.4 89.0

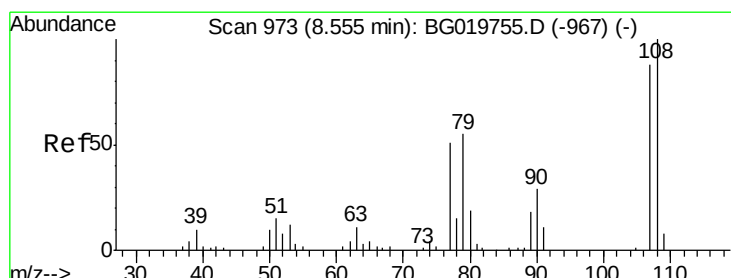
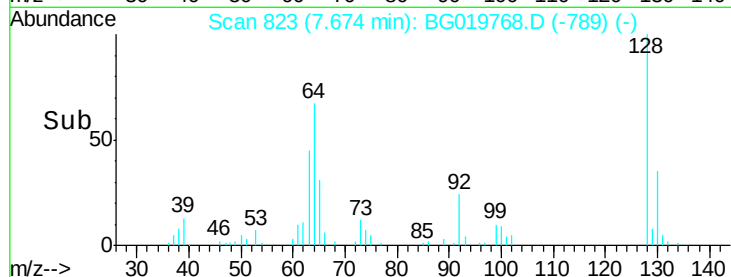
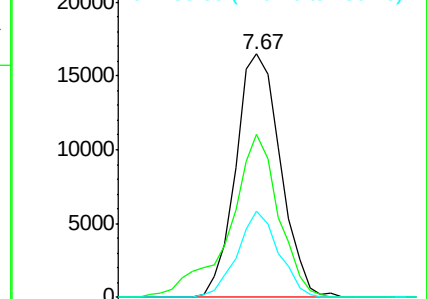
130 35.4 28.9 43.3



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.73 ng/ul

RT: 8.56 min Scan# 974

Delta R.T. 0.01 min

Lab File: BG019768.D

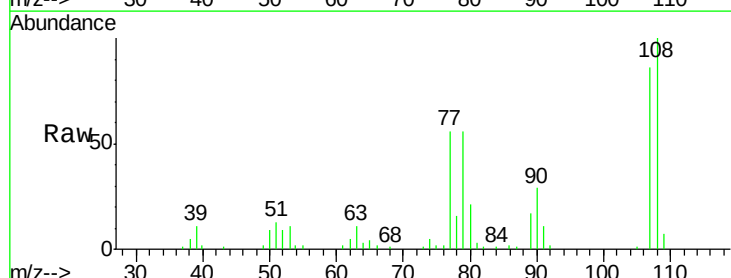
Acq: 21 Nov 2015 23:58

Tgt Ion:108 Resp: 35486

Ion Ratio Lower Upper

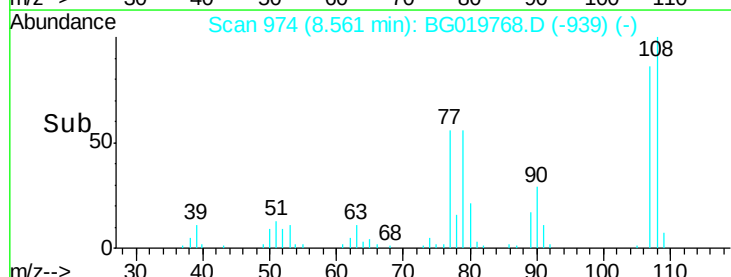
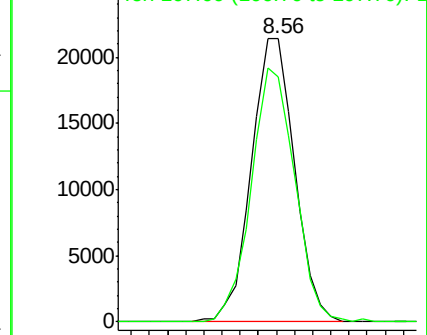
108 100

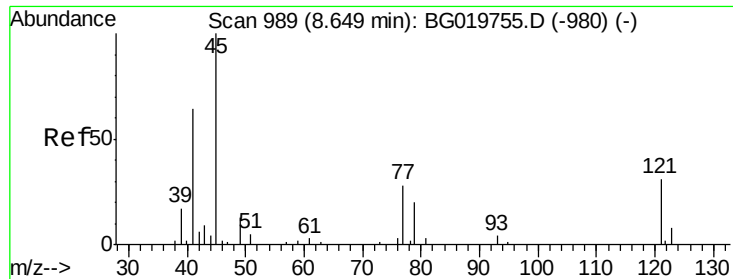
107 86.5 74.3 111.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

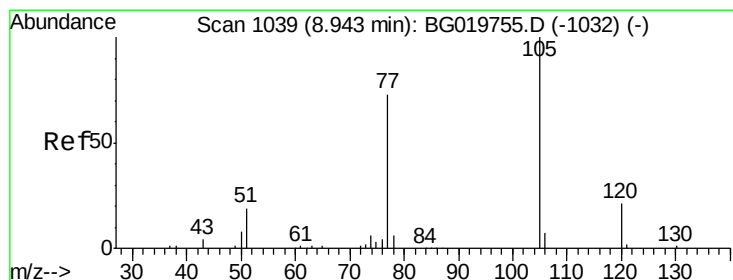
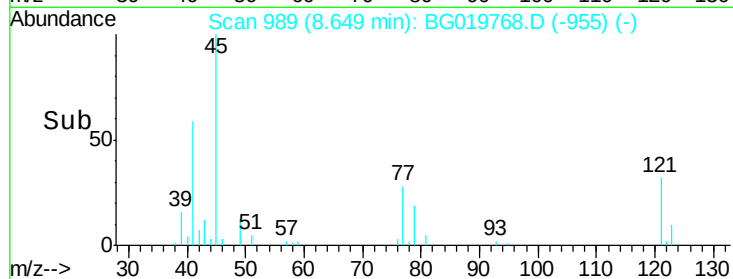
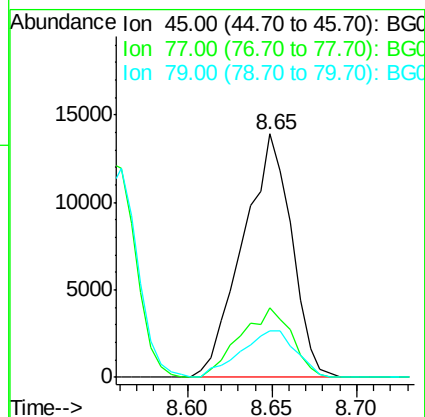
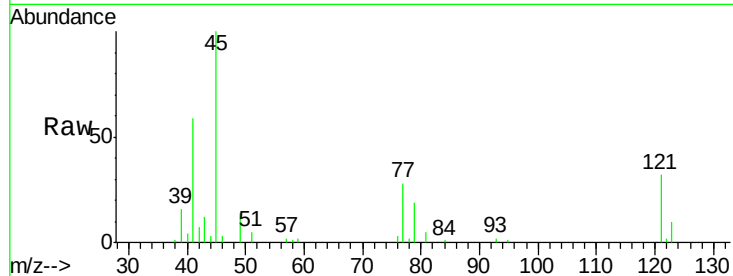




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 17.74 ng/ul  
RT: 8.65 min Scan# 989  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
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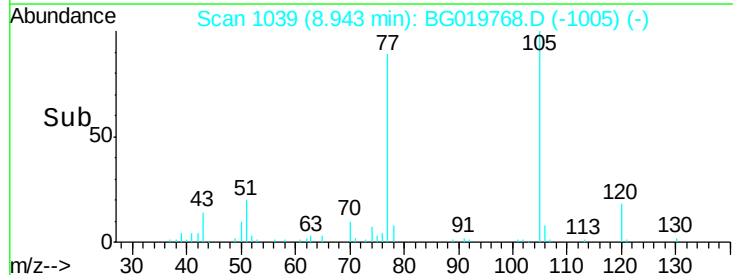
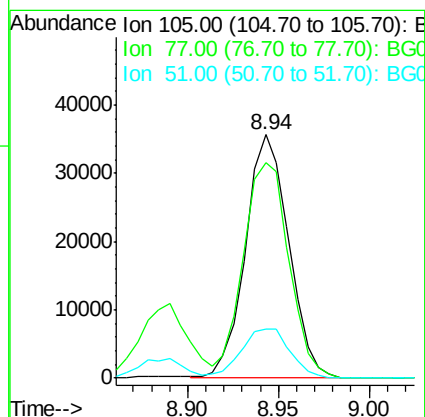
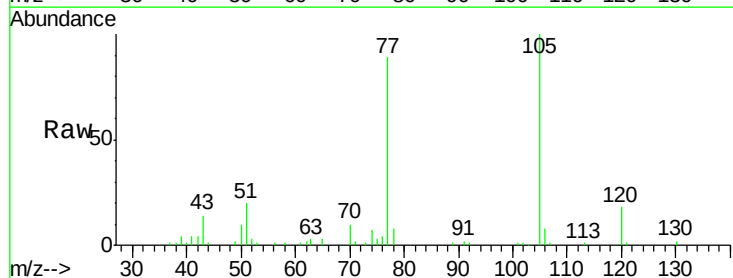
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

Tgt Ion: 45 Resp: 27753  
Ion Ratio Lower Upper  
45 100  
77 28.3 19.1 28.7  
79 19.0 16.2 24.2

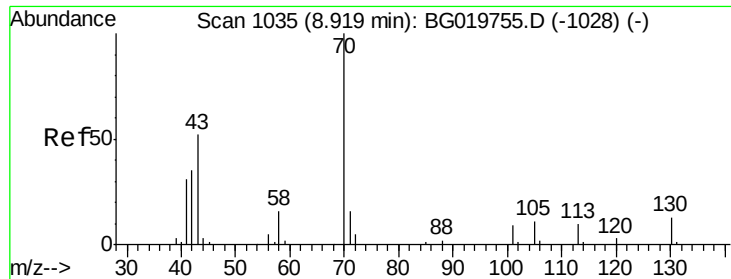


#14  
Acetophenone  
Concen: 18.12 ng/ul  
RT: 8.94 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion: 105 Resp: 59084  
Ion Ratio Lower Upper  
105 100  
77 88.6 81.4 122.2  
51 20.3 18.9 28.3



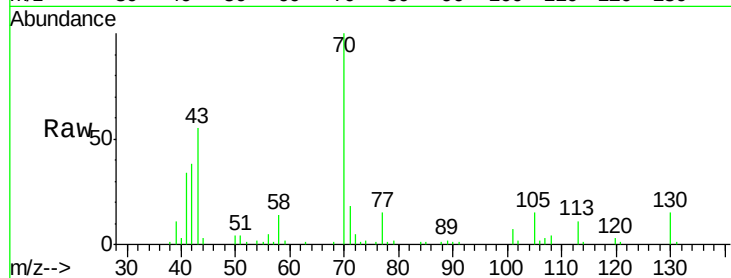




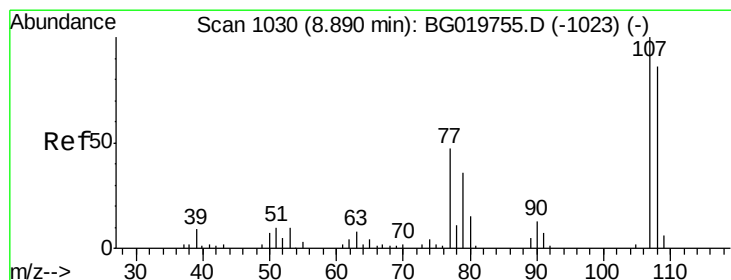
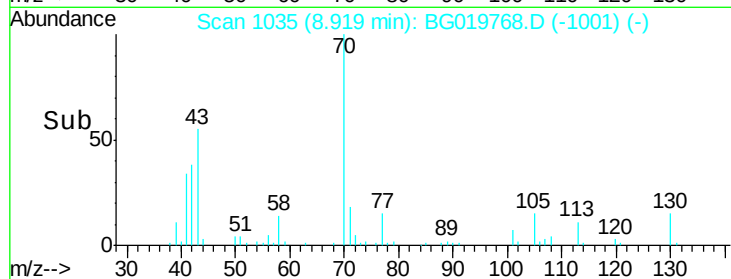
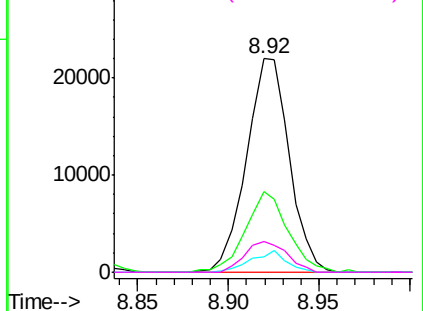
#15  
N-Nitroso-di-n-propylamine  
Concen: 16.35 ng/ul  
RT: 8.92 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

Tgt Ion: 70 Resp: 36016  
Ion Ratio Lower Upper  
70 100  
42 37.7 28.4 42.6  
101 7.5 5.3 7.9  
130 14.6 10.9 16.3

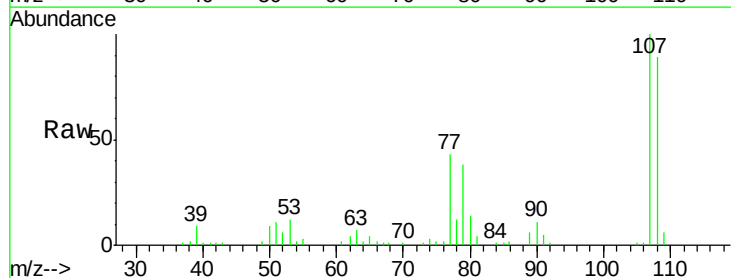


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

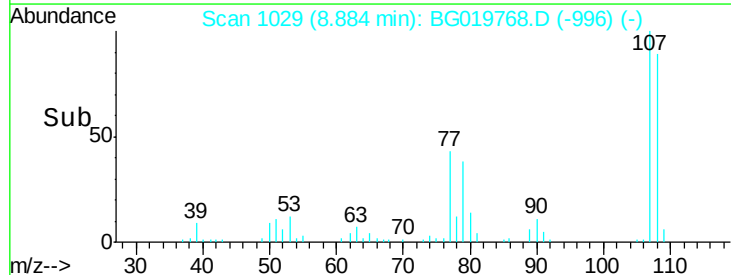
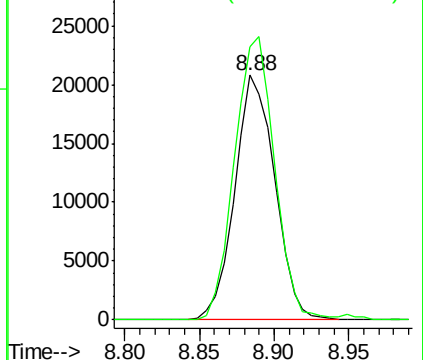


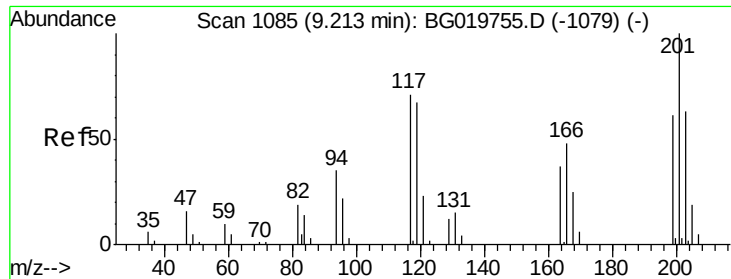
#16  
4-Methylphenol  
Concen: 18.19 ng/ul  
RT: 8.88 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion: 108 Resp: 38828  
Ion Ratio Lower Upper  
108 100  
107 111.8 96.5 144.7



Abundance Ion 108.00 (107.70 to 108.70): BGC  
Ion 107.00 (106.70 to 107.70): BGC

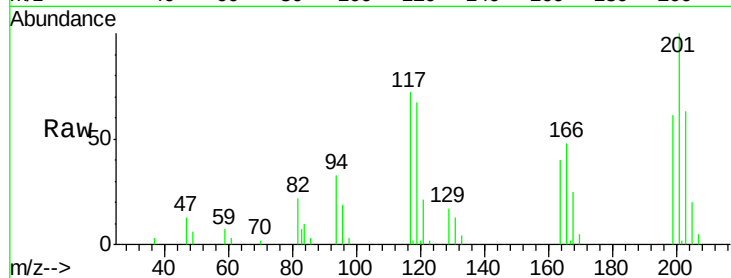




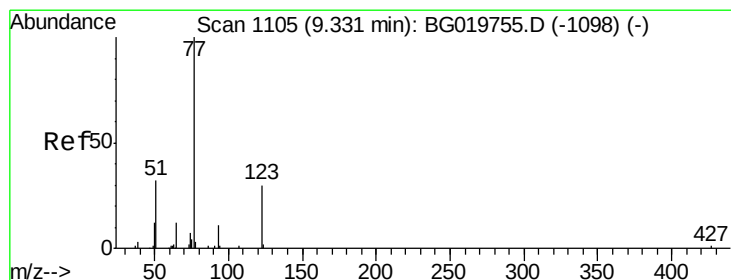
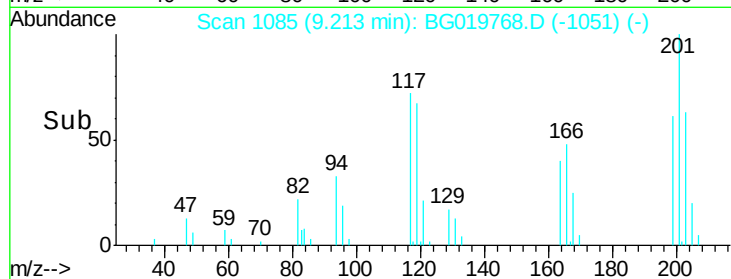
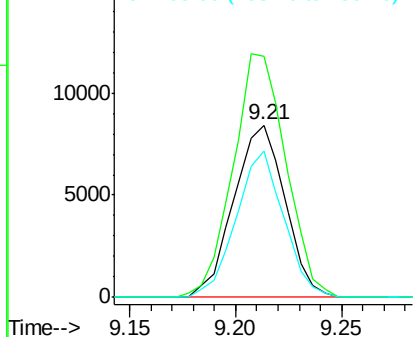
#17  
 Hexachloroethane  
 Concen: 20.00 ng/ul  
 RT: 9.21 min Scan# 1085  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Tgt Ion: 117 Resp: 14194  
 Ion Ratio Lower Upper  
 117 100  
 201 139.0 114.2 171.2  
 199 83.0 65.0 97.6

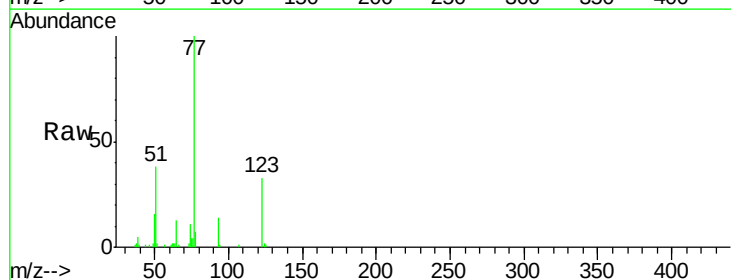


Abundance Ion 117.00 (116.70 to 117.70): E  
 Ion 201.00 (200.70 to 201.70): E  
 Ion 199.00 (198.70 to 199.70): E

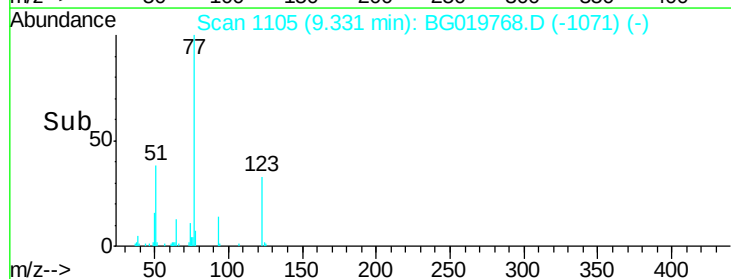
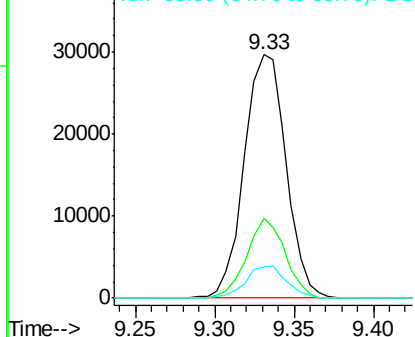


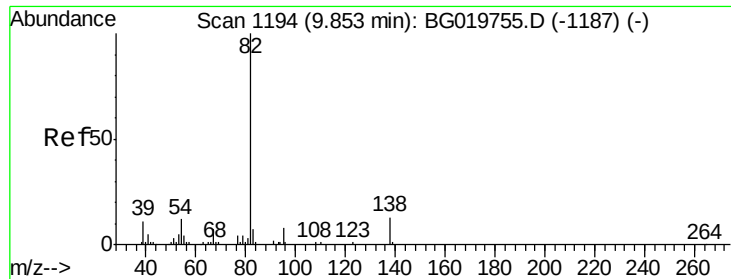
#20  
 Nitrobenzene  
 Concen: 20.54 ng/ul  
 RT: 9.33 min Scan# 1105  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion: 77 Resp: 54572  
 Ion Ratio Lower Upper  
 77 100  
 123 32.6 23.9 35.9  
 65 13.0 10.5 15.7



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





#21

Isophorone

Concen: 18.68 ng/ul

RT: 9.85 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

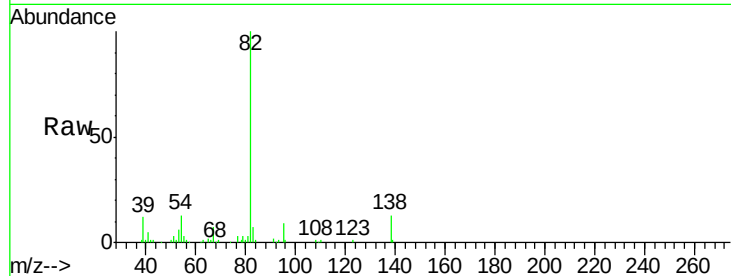
Tgt Ion: 82 Resp: 95719

Ion Ratio Lower Upper

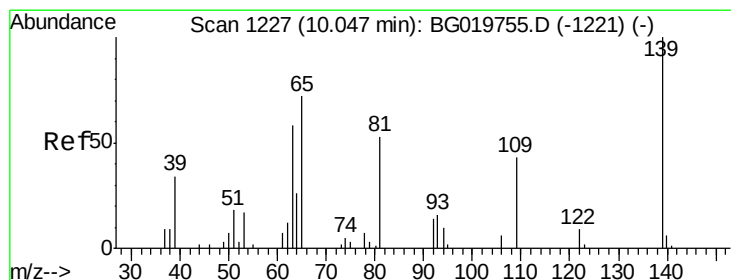
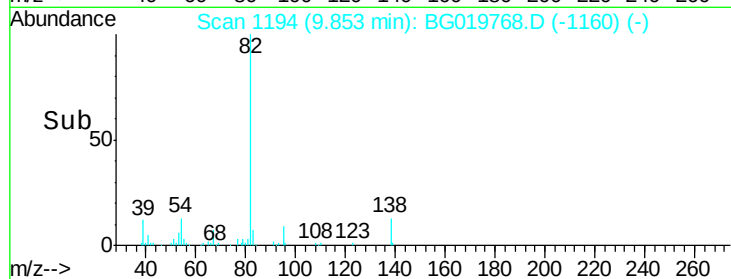
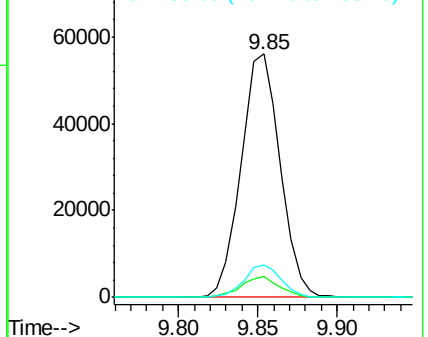
82 100

95 8.6 6.0 9.0

138 13.5 9.1 13.7



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



#23

2-Nitrophenol

Concen: 21.82 ng/ul

RT: 10.05 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

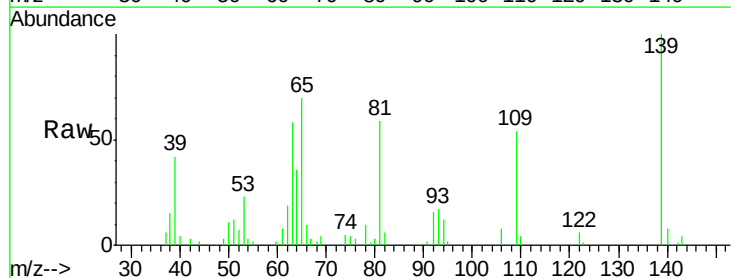
Tgt Ion: 139 Resp: 19603

Ion Ratio Lower Upper

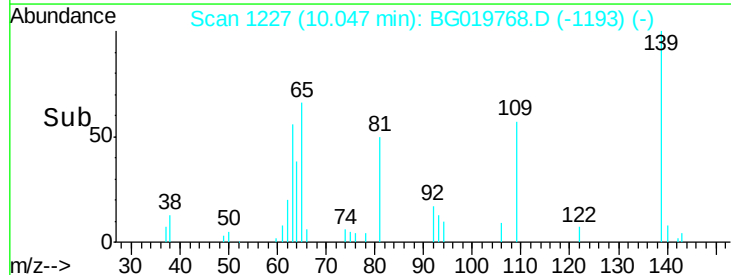
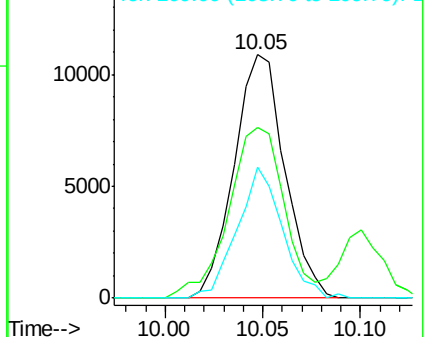
139 100

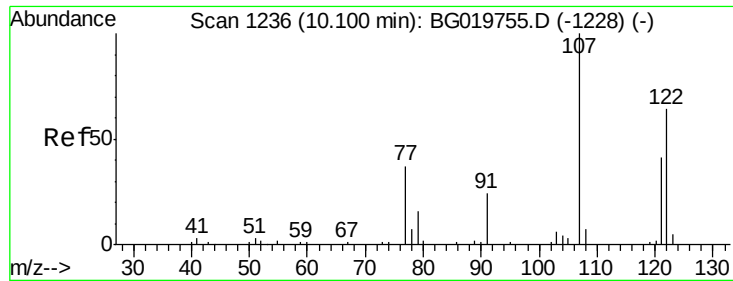
65 70.2 58.2 87.2

109 53.8 40.5 60.7



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

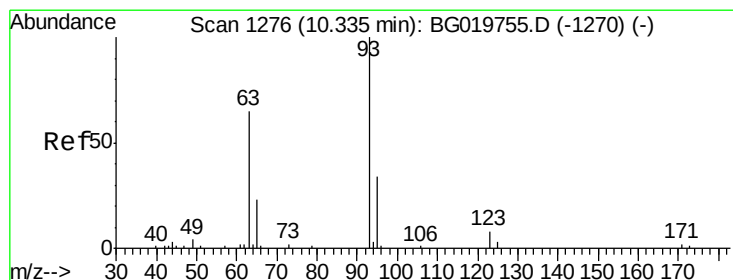
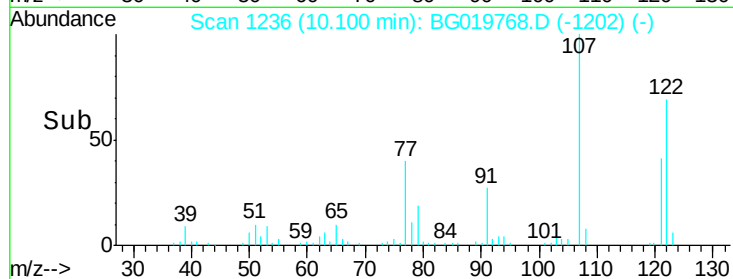
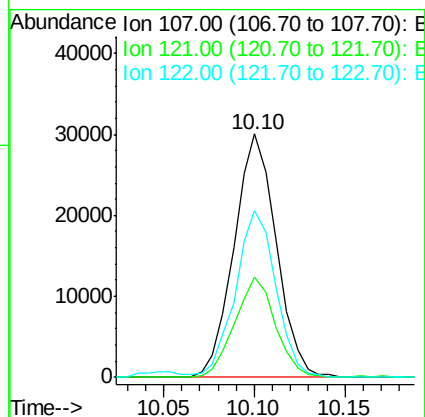
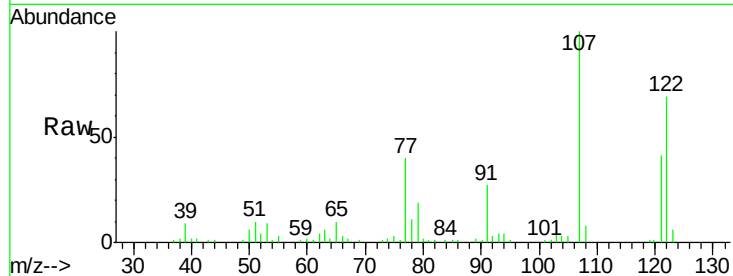




#24  
 2,4-Dimethylphenol  
 Concen: 20.30 ng/ul  
 RT: 10.10 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

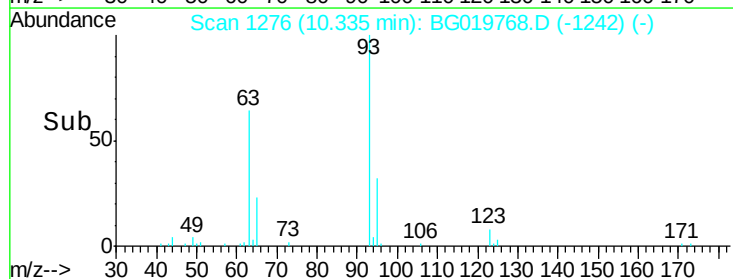
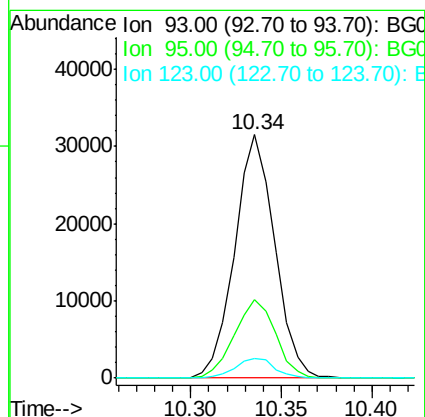
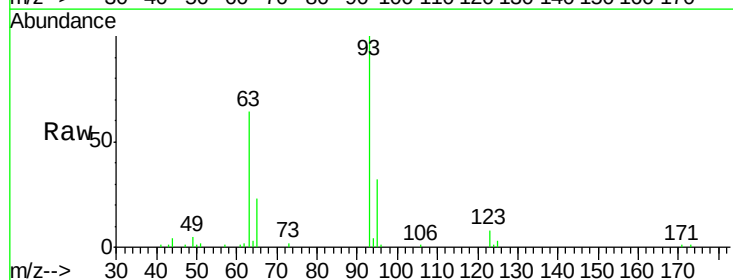
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

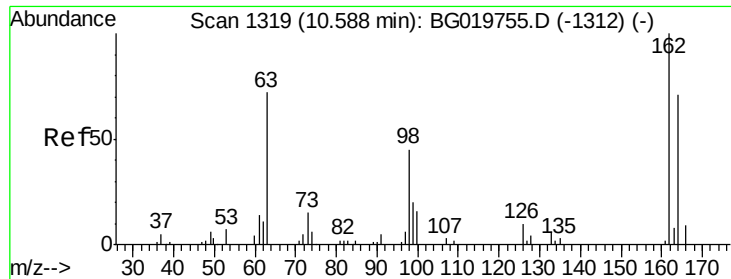
Tgt Ion: 107 Resp: 48609  
 Ion Ratio Lower Upper  
 107 100  
 121 41.4 32.8 49.2  
 122 68.6 51.8 77.8



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 19.02 ng/ul  
 RT: 10.34 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion: 93 Resp: 48228  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 29.4 44.0  
 123 8.1 7.1 10.7

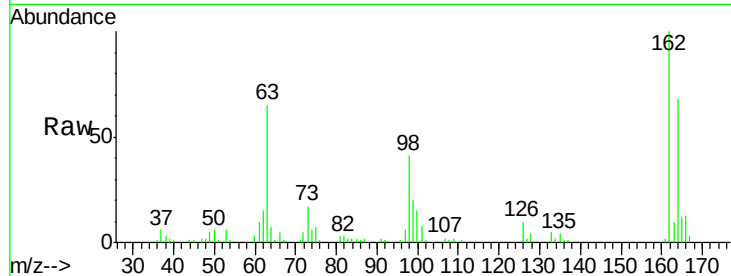




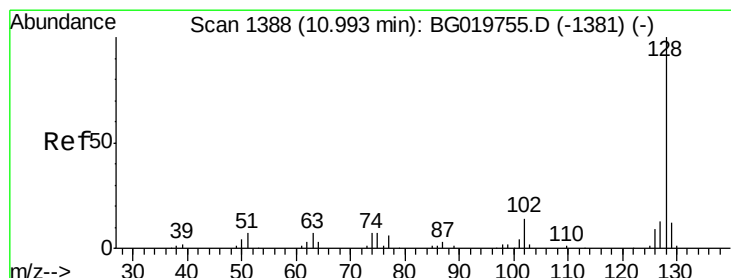
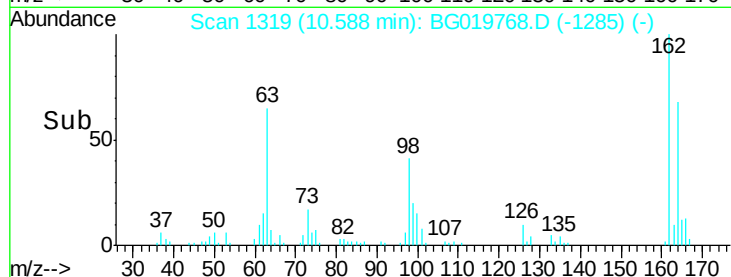
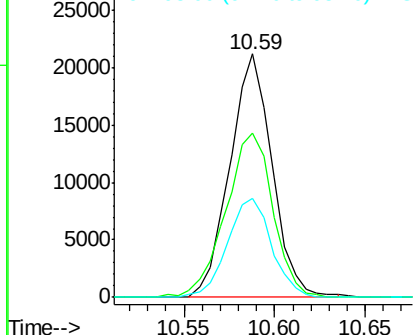
#27  
 2,4-Dichlorophenol  
 Concen: 20.11 ng/ul  
 RT: 10.59 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Tgt Ion:162 Resp: 34378  
 Ion Ratio Lower Upper  
 162 100  
 164 67.6 50.2 75.2  
 98 40.9 32.5 48.7

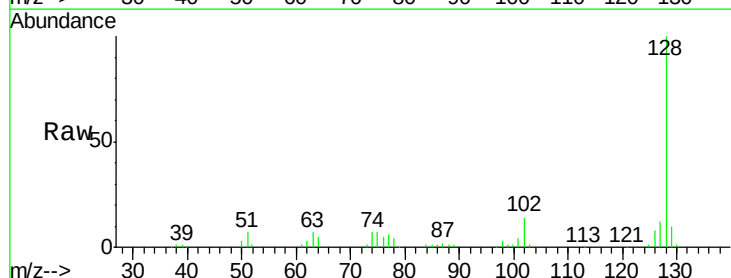


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

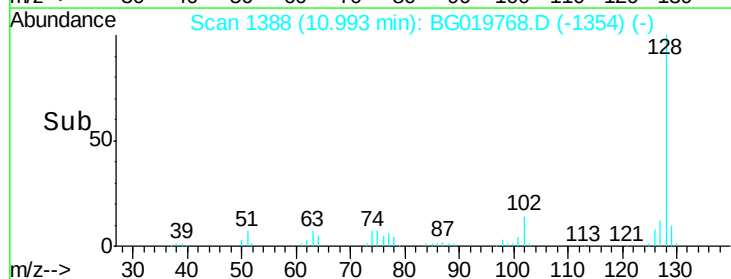
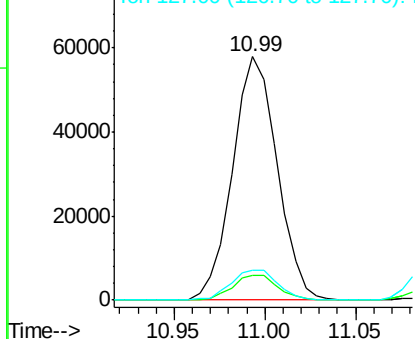


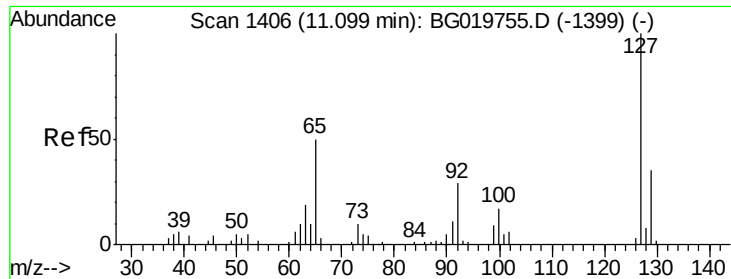
#28  
 Naphthalene  
 Concen: 20.41 ng/ul  
 RT: 10.99 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion:128 Resp: 99056  
 Ion Ratio Lower Upper  
 128 100  
 129 10.0 8.1 12.1  
 127 12.1 10.0 15.0



Abundance Ion 128.00 (127.70 to 128.70): E  
 Ion 129.00 (128.70 to 129.70): E  
 Ion 127.00 (126.70 to 127.70): E

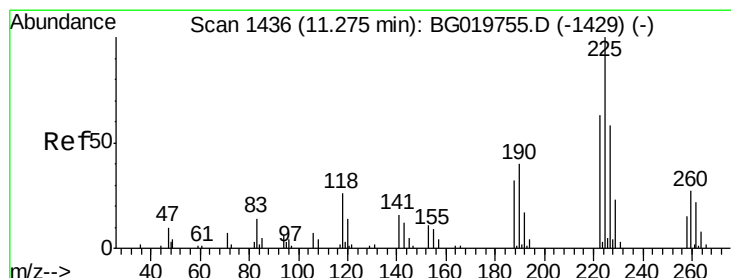
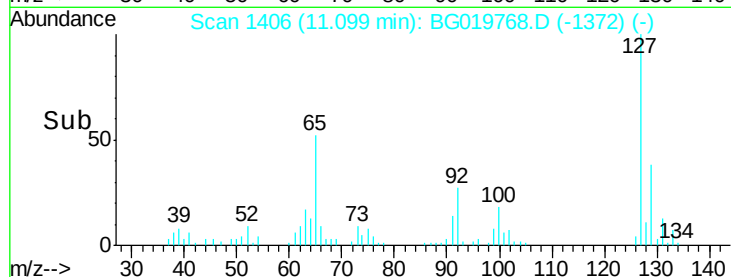
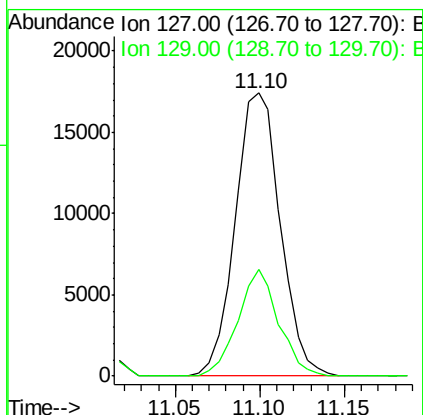
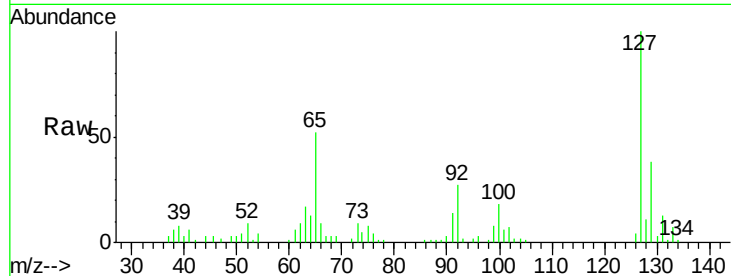




#30  
4-Chloroaniline  
Concen: 18.19 ng/ul  
RT: 11.10 min Scan# 1406  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

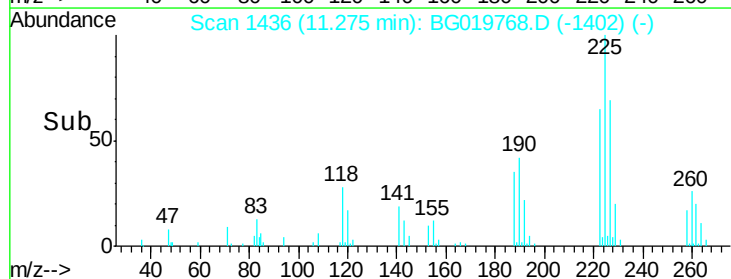
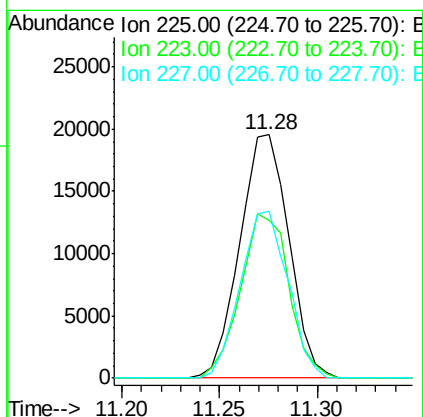
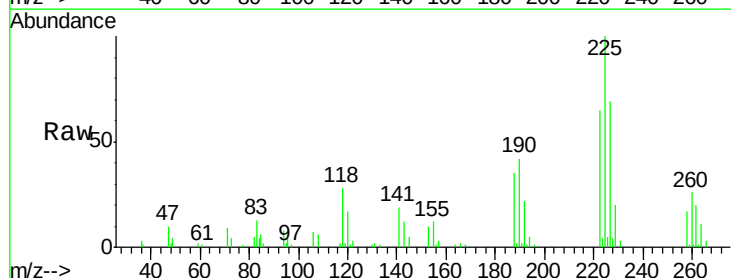
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

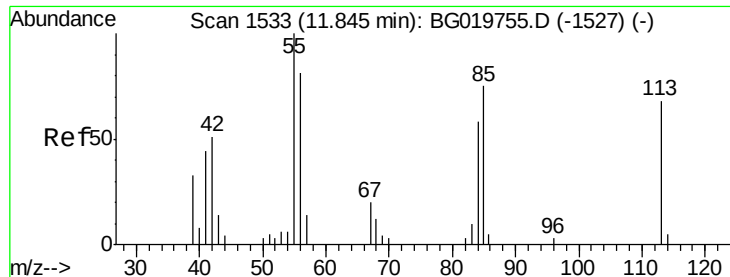
Tgt Ion:127 Resp: 32243  
Ion Ratio Lower Upper  
127 100  
129 37.8 24.2 36.4#



#31  
Hexachlorobutadiene  
Concen: 22.10 ng/ul  
RT: 11.28 min Scan# 1436  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion:225 Resp: 34001  
Ion Ratio Lower Upper  
225 100  
223 65.0 52.4 78.6  
227 68.7 51.0 76.6





#32

Caprolactam

Concen: 13.50 ng/ul

RT: 11.85 min Scan# 1533

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

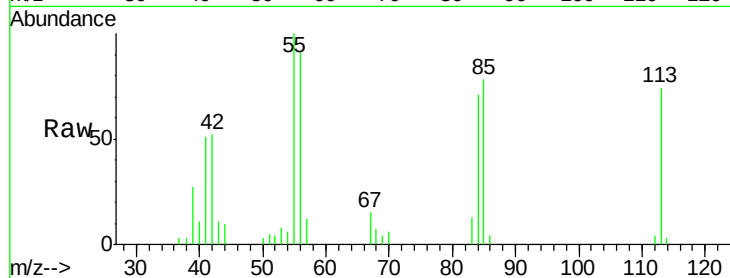
Tgt Ion:113 Resp: 9386

Ion Ratio Lower Upper

113 100

55 134.9 111.4 167.0

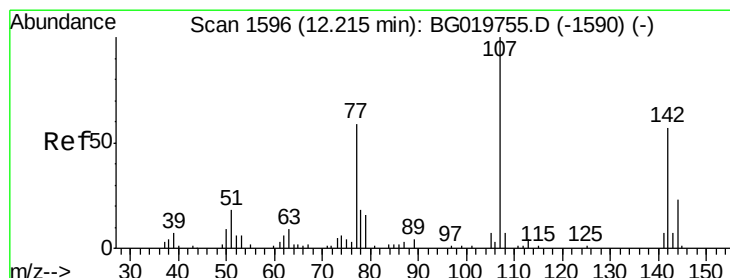
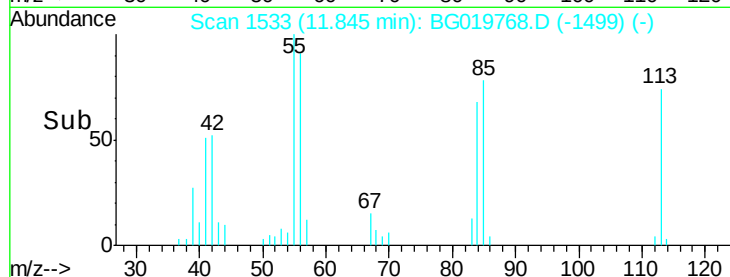
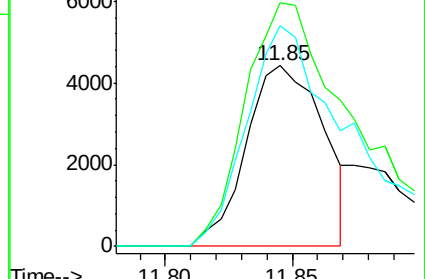
56 122.5 79.0 118.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 20.00 ng/ul

RT: 12.21 min Scan# 1595

Delta R.T. -0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

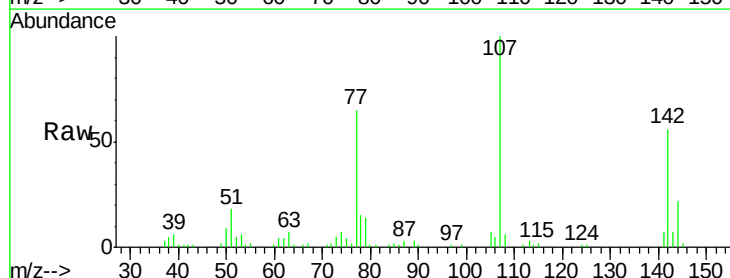
Tgt Ion:107 Resp: 47654

Ion Ratio Lower Upper

107 100

144 22.1 18.2 27.2

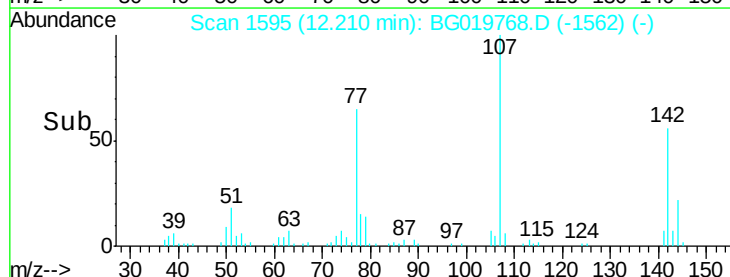
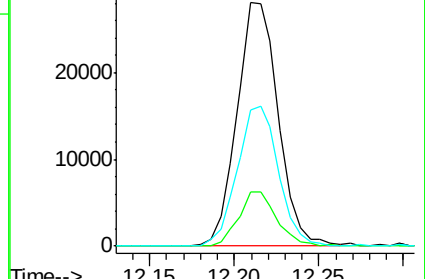
142 55.8 50.1 75.1

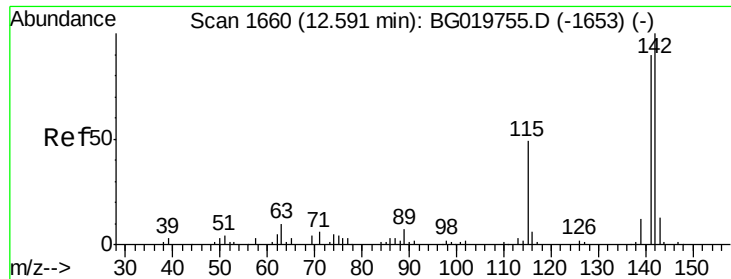


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

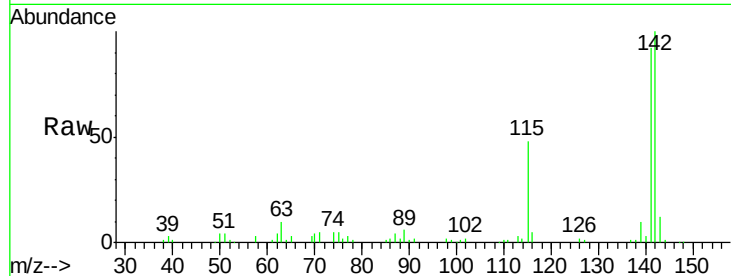




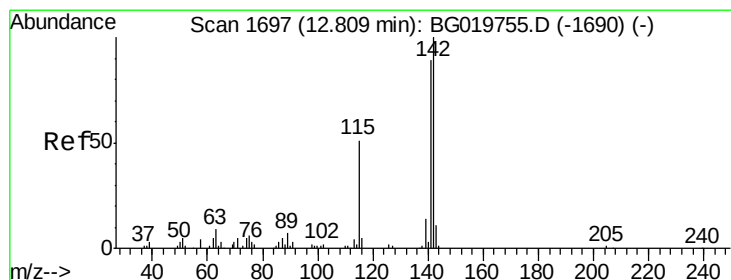
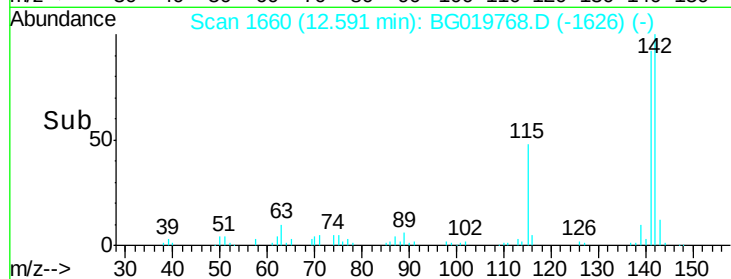
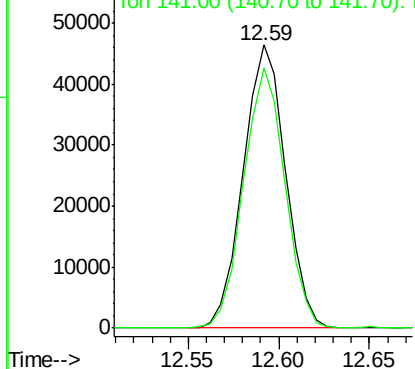
#34  
 2-Methylnaphthalene  
 Concen: 19.47 ng/ul  
 RT: 12.59 min Scan# 1660  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Tgt Ion:142 Resp: 75336  
 Ion Ratio Lower Upper  
 142 100  
 141 91.9 68.8 103.2

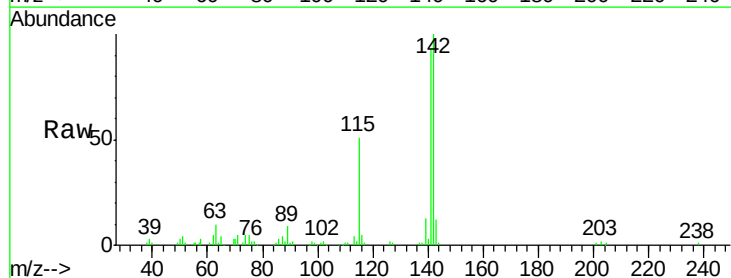


Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E

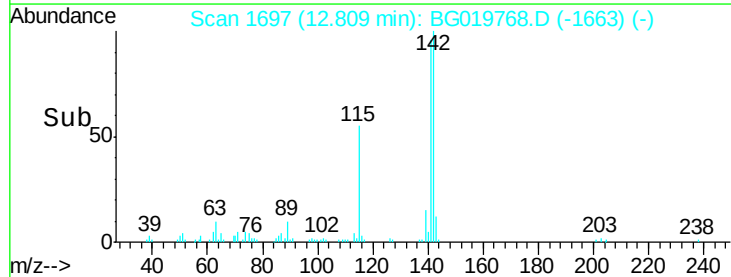
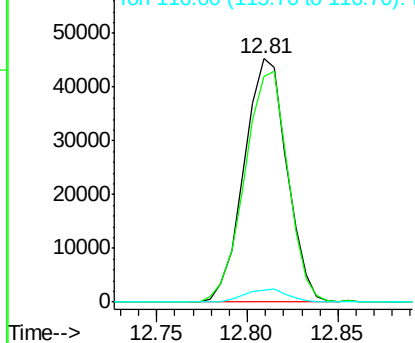


#35  
 1-Methylnaphthalene  
 Concen: 19.30 ng/ul  
 RT: 12.81 min Scan# 1697  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

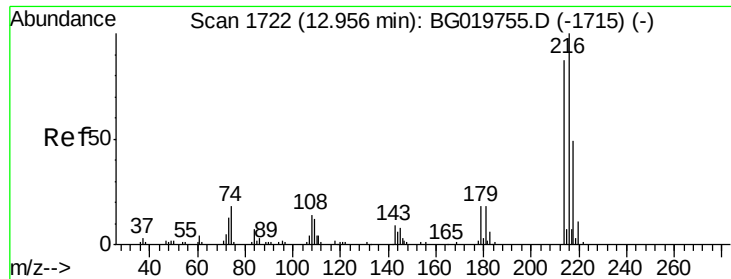
Tgt Ion:142 Resp: 74435  
 Ion Ratio Lower Upper  
 142 100  
 141 92.6 76.6 114.8  
 116 4.9 4.1 6.1



Abundance Ion 142.00 (141.70 to 142.70): E  
 Ion 141.00 (140.70 to 141.70): E  
 Ion 116.00 (115.70 to 116.70): E



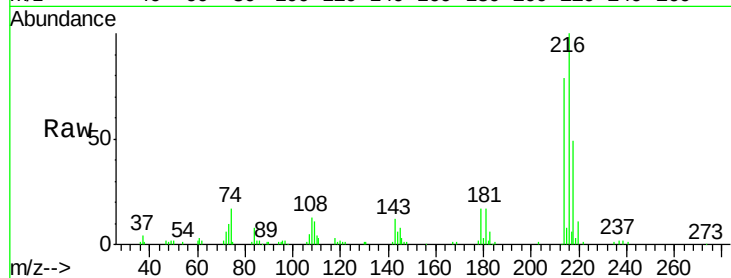




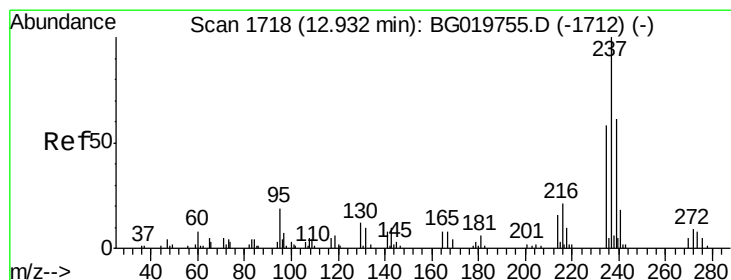
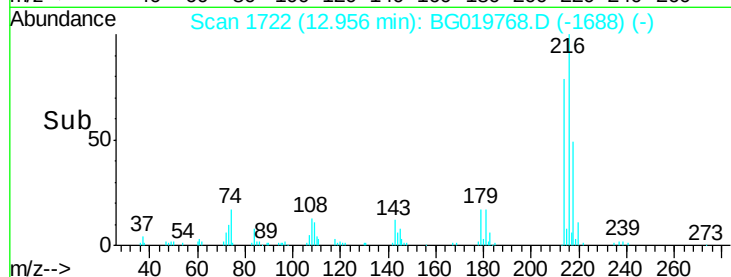
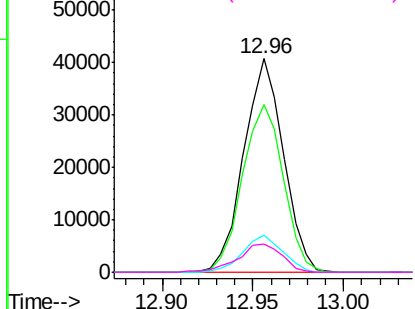
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 22.30 ng/ul  
 RT: 12.96 min Scan# 1722  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 62078 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 78.6  | 62.9  | 94.3  |
| 179      | 17.2  | 16.9  | 25.3  |
| 108      | 13.0  | 12.6  | 18.8  |

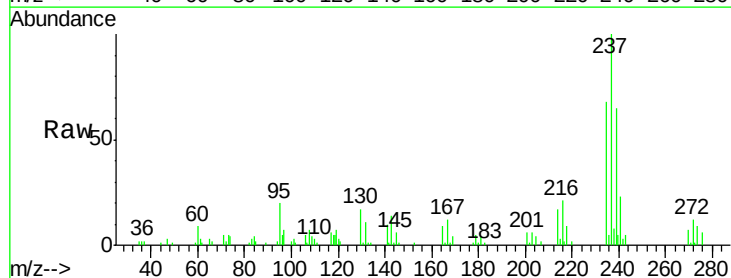


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

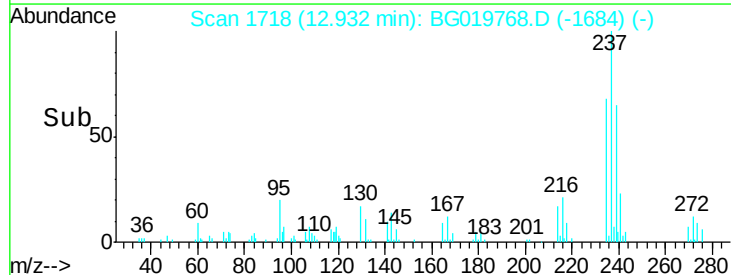
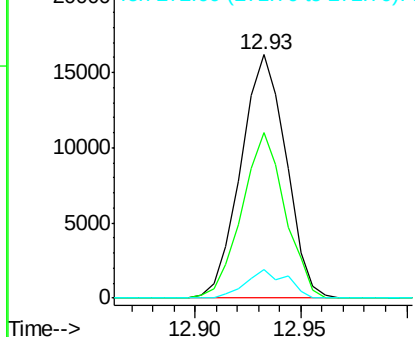


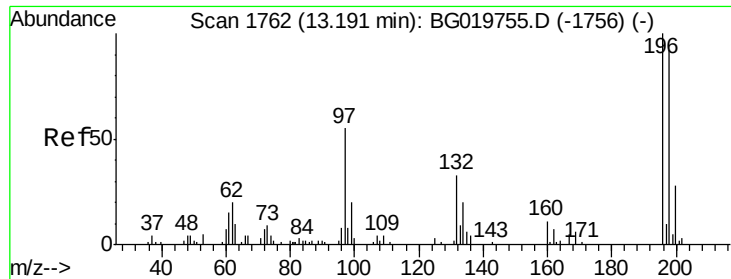
#38  
 Hexachlorocyclopentadiene  
 Concen: 14.85 ng/ul  
 RT: 12.93 min Scan# 1718  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 24085 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 68.1  | 54.8  | 82.2  |
| 272      | 12.9  | 9.1   | 13.7  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

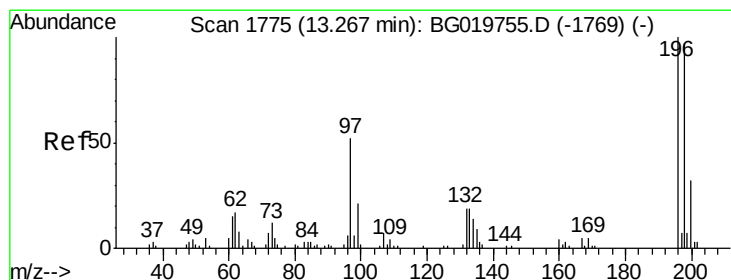
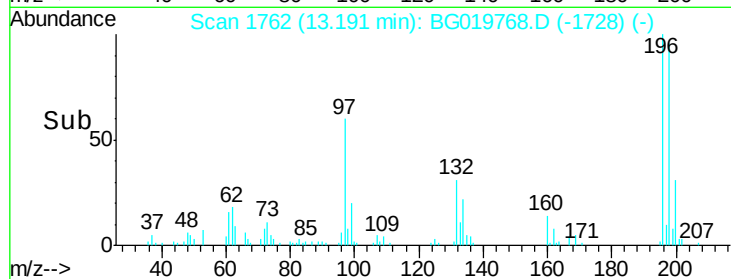
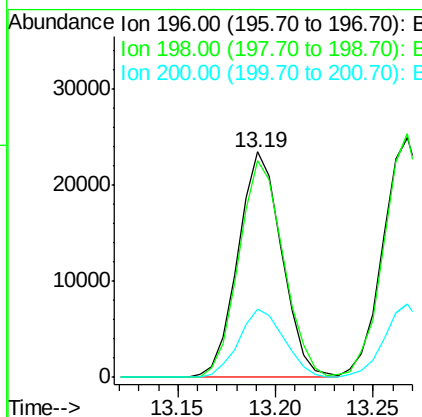
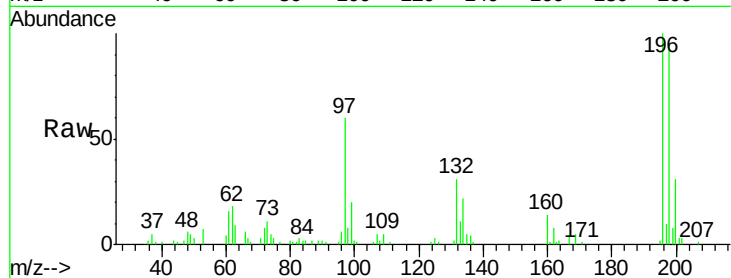




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.44 ng/ul  
 RT: 13.19 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

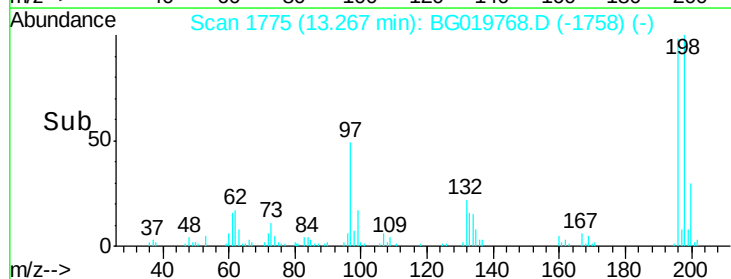
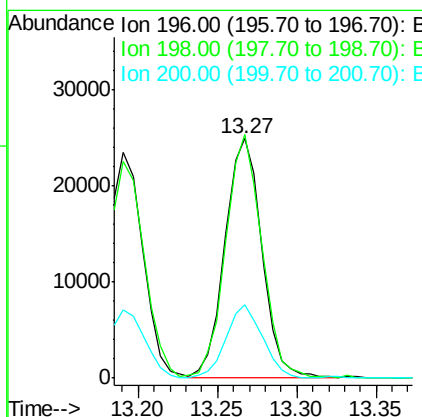
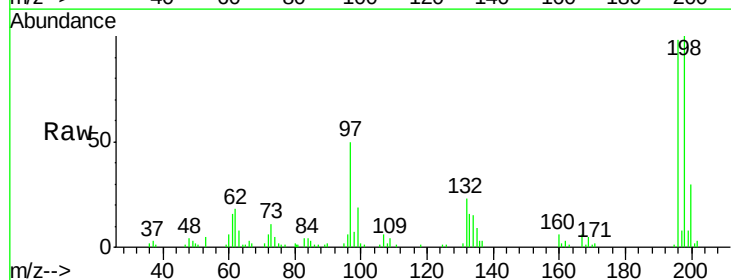
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

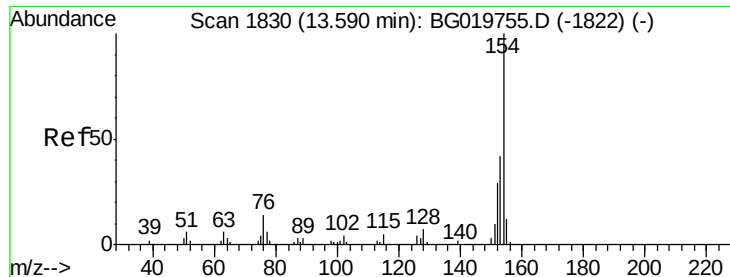
Tgt Ion:196 Resp: 36405  
 Ion Ratio Lower Upper  
 196 100  
 198 96.5 73.3 109.9  
 200 30.6 26.1 39.1



#40  
 2,4,5-Trichlorophenol  
 Concen: 22.67 ng/ul  
 RT: 13.27 min Scan# 1775  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion:196 Resp: 40275  
 Ion Ratio Lower Upper  
 196 100  
 198 101.7 79.0 118.4  
 200 30.6 24.2 36.2

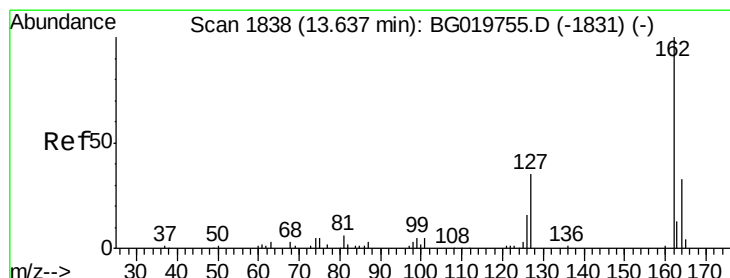
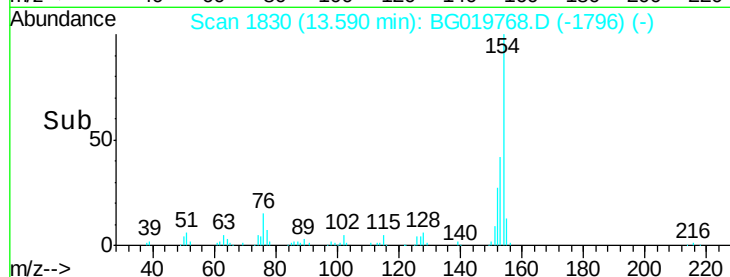
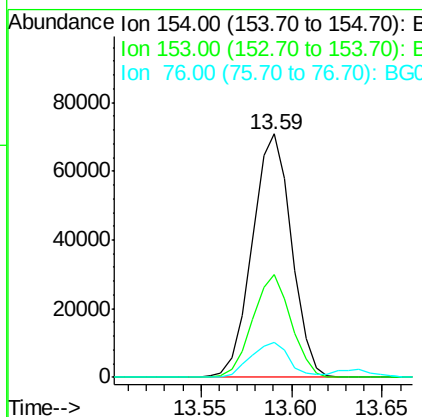
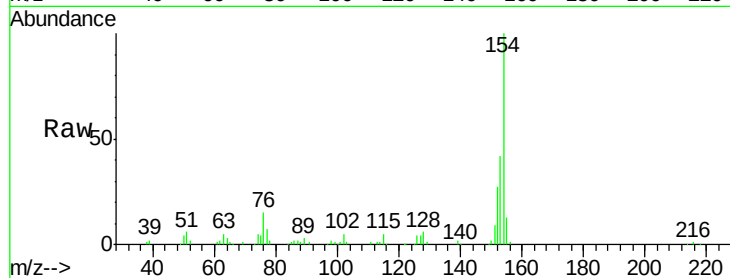




#41  
 1,1'-Biphenyl  
 Concen: 20.82 ng/ul  
 RT: 13.59 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

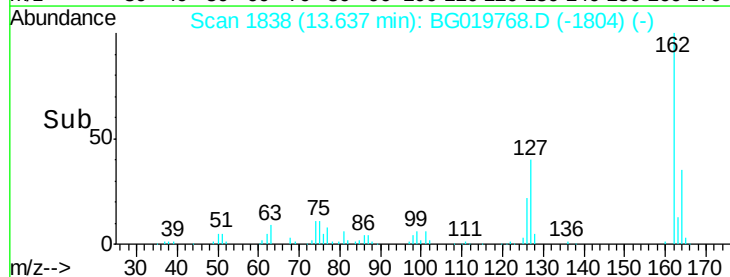
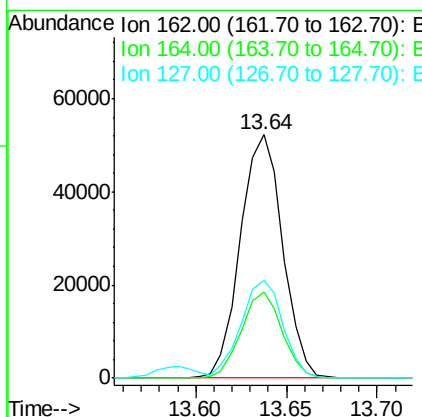
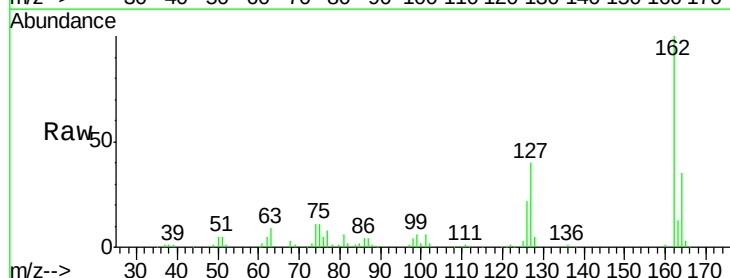
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

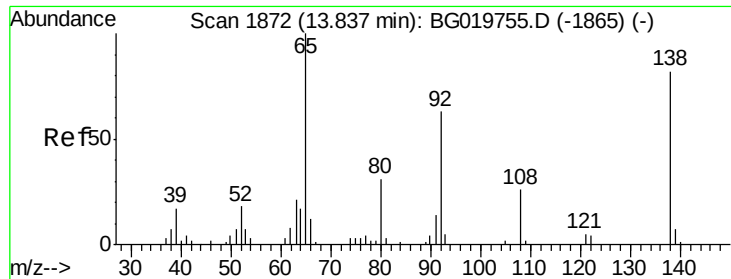
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 154   | Resp: | 107540 |
| Ion      | Ratio | Lower | Upper  |
| 154      | 100   |       |        |
| 153      | 42.3  | 33.4  | 50.0   |
| 76       | 14.5  | 12.1  | 18.1   |



#42  
 2-Chloronaphthalene  
 Concen: 21.09 ng/ul  
 RT: 13.64 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 162   | Resp: | 84666 |
| Ion      | Ratio | Lower | Upper |
| 162      | 100   |       |       |
| 164      | 35.3  | 28.3  | 42.5  |
| 127      | 40.0  | 32.4  | 48.6  |

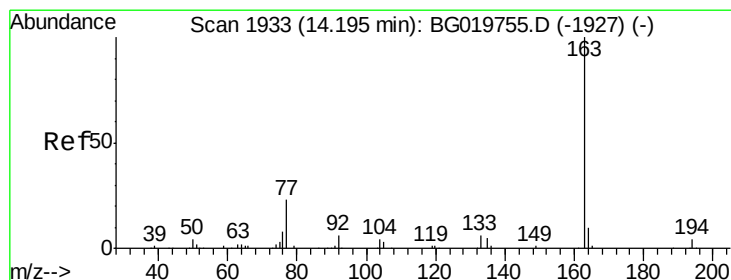
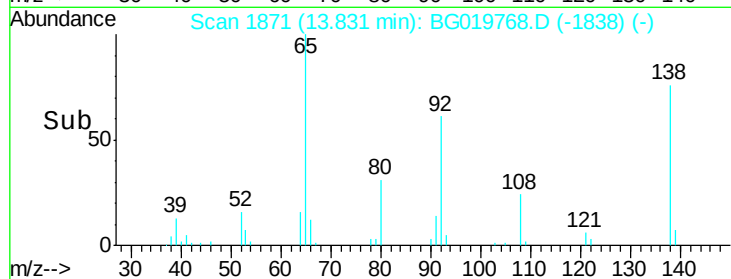
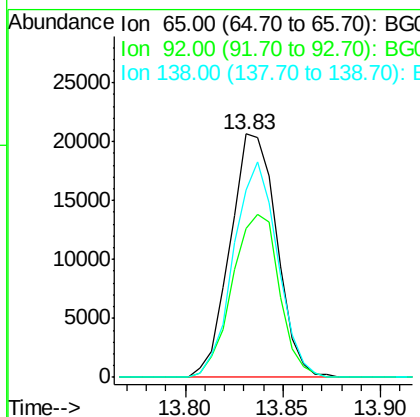
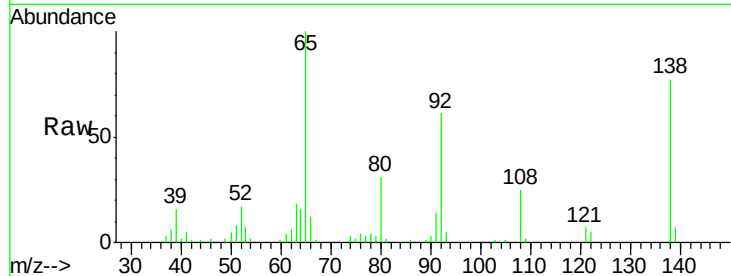




#43  
2-Nitroaniline  
Concen: 20.11 ng/ul  
RT: 13.83 min Scan# 1871  
Delta R.T. -0.01 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

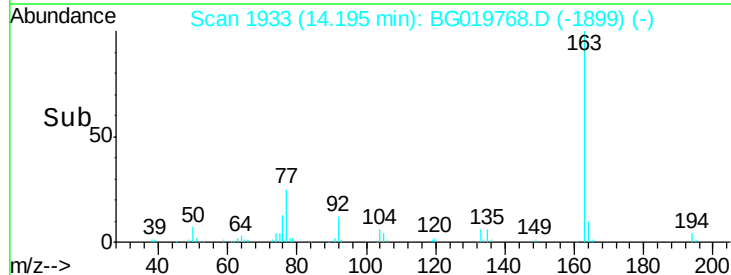
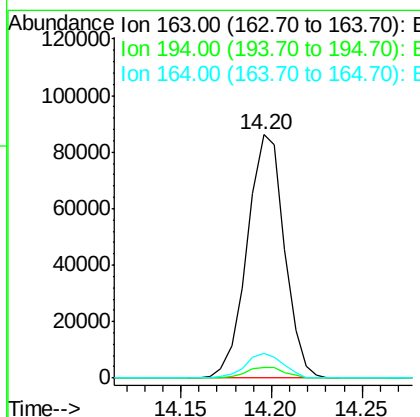
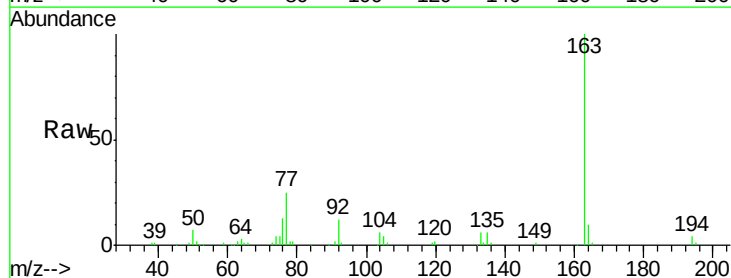
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

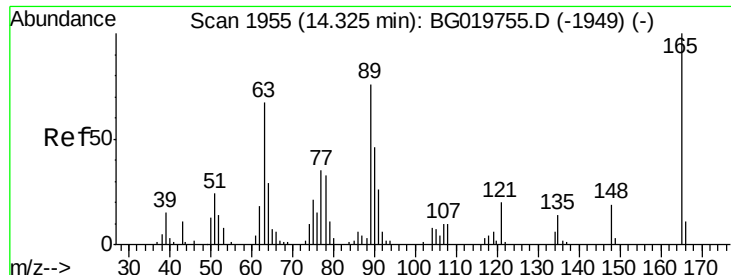
Tgt Ion: 65 Resp: 34120  
Ion Ratio Lower Upper  
65 100  
92 61.2 54.0 81.0  
138 76.9 58.7 88.1



#45  
Dimethylphthalate  
Concen: 19.78 ng/ul  
RT: 14.20 min Scan# 1933  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion: 163 Resp: 123207  
Ion Ratio Lower Upper  
163 100  
194 4.4 3.5 5.3  
164 10.4 8.3 12.5

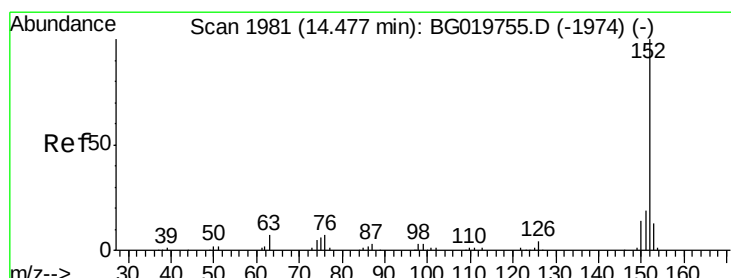
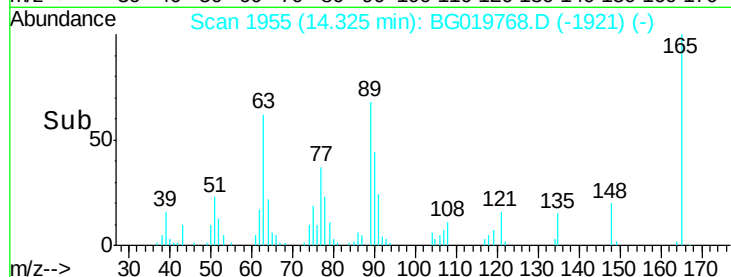
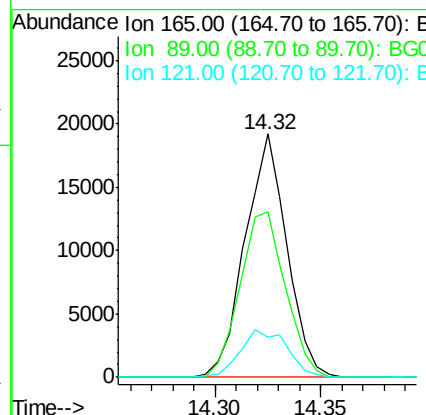
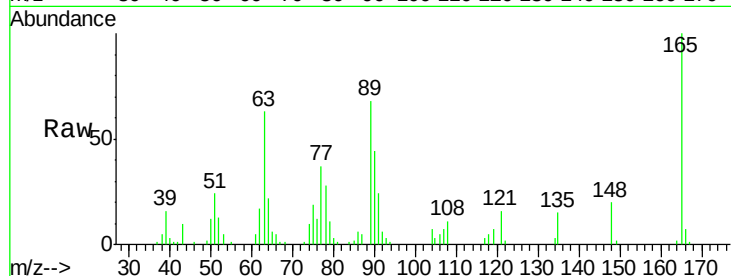




#46  
2,6-Dinitrotoluene  
Concen: 21.11 ng/ul  
RT: 14.32 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

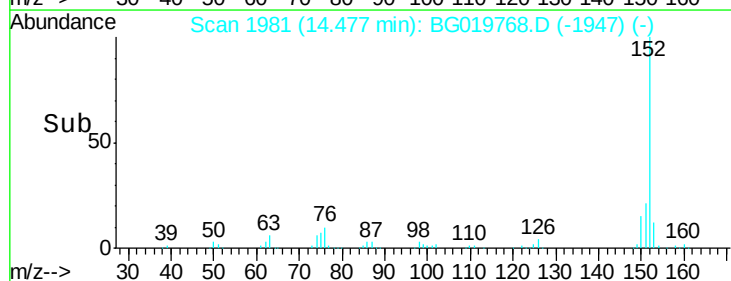
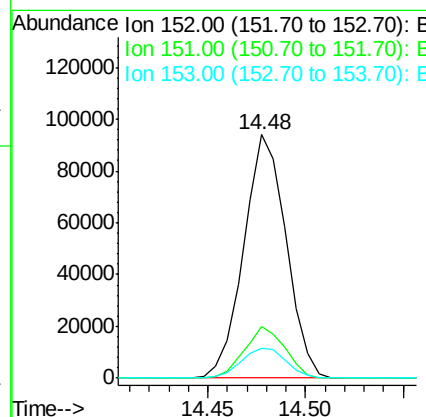
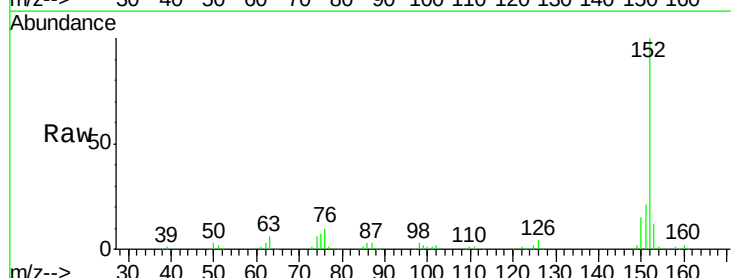
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

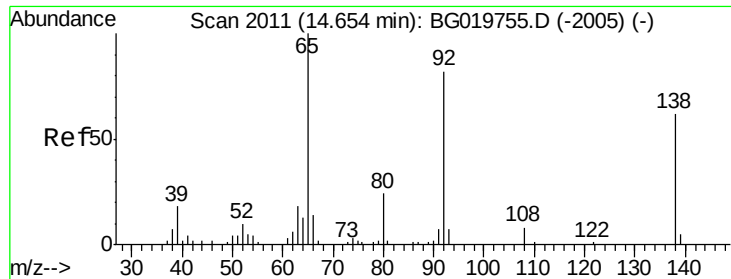
Tgt Ion:165 Resp: 26306  
Ion Ratio Lower Upper  
165 100  
89 67.8 61.1 91.7  
121 16.3 17.8 26.8#



#48  
Acenaphthylene  
Concen: 20.74 ng/ul  
RT: 14.48 min Scan# 1981  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion:152 Resp: 140928  
Ion Ratio Lower Upper  
152 100  
151 21.0 15.1 22.7  
153 12.2 9.8 14.8

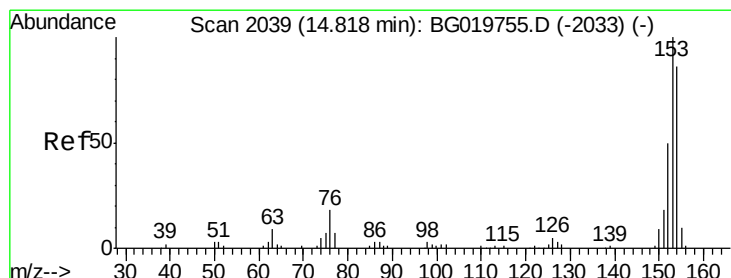
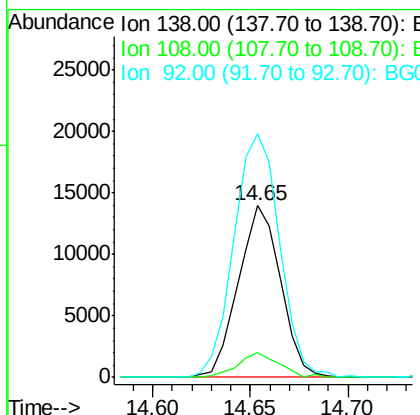
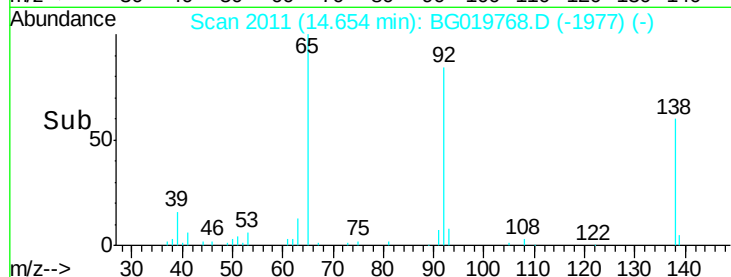
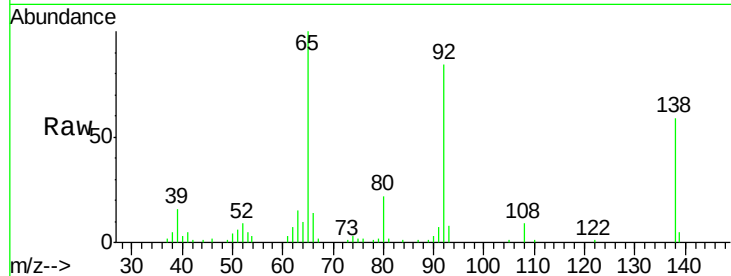




#49  
3-Nitroaniline  
Concen: 20.14 ng/ul  
RT: 14.65 min Scan# 2011  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

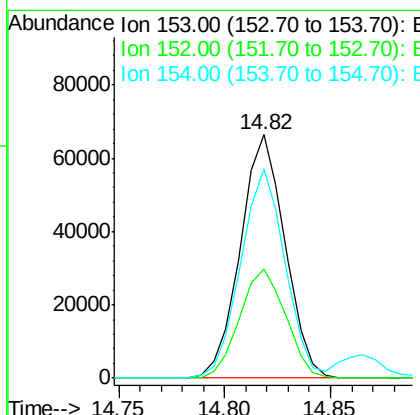
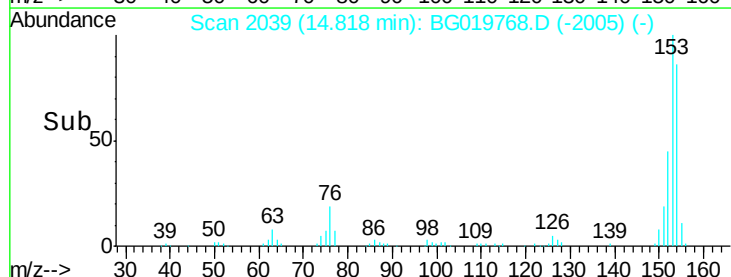
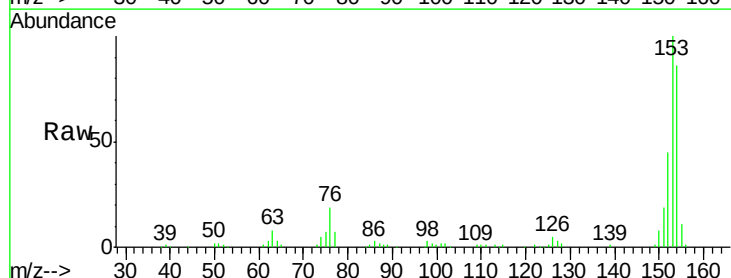
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

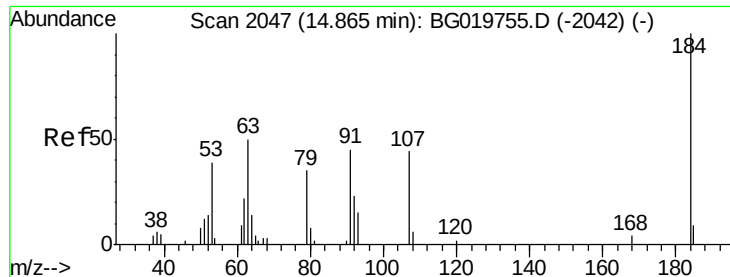
Tgt Ion:138 Resp: 20906  
Ion Ratio Lower Upper  
138 100  
108 14.4 11.4 17.0  
92 141.7 120.2 180.2



#50  
Acenaphthene  
Concen: 20.89 ng/ul  
RT: 14.82 min Scan# 2039  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion:153 Resp: 97162  
Ion Ratio Lower Upper  
153 100  
152 44.9 40.9 61.3  
154 85.9 69.1 103.7

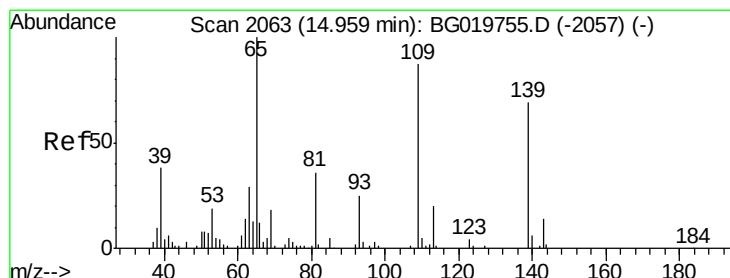
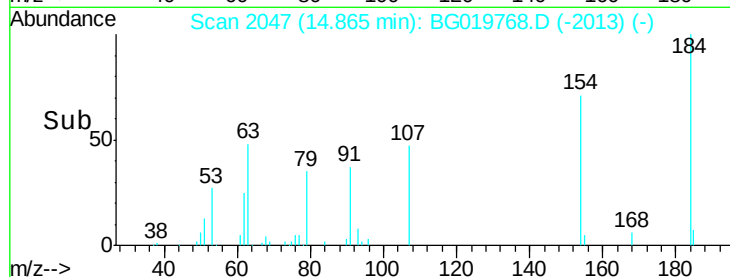
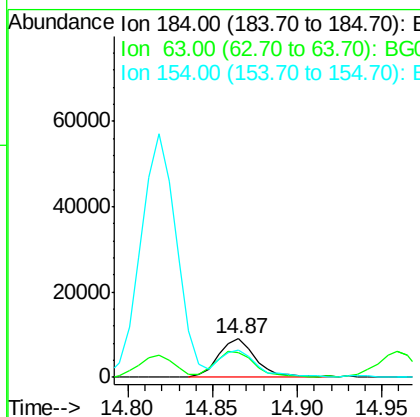
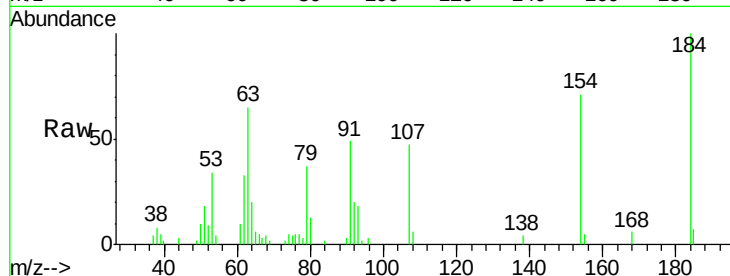




#51  
 2,4-Dinitrophenol  
 Concen: 17.12 ng/ul  
 RT: 14.87 min Scan# 2047  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

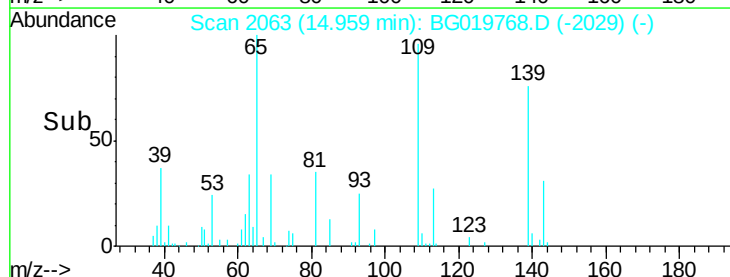
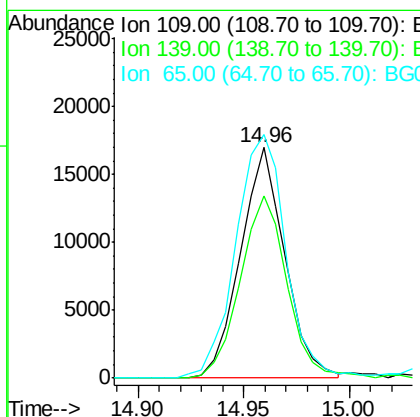
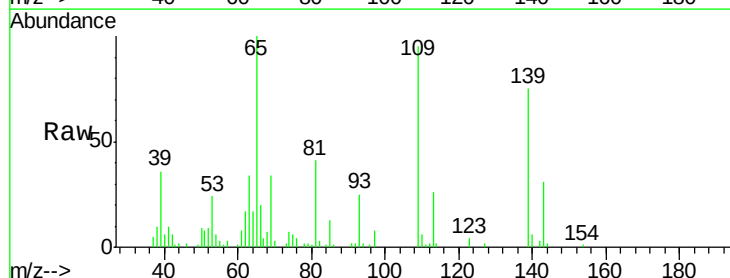
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD02008

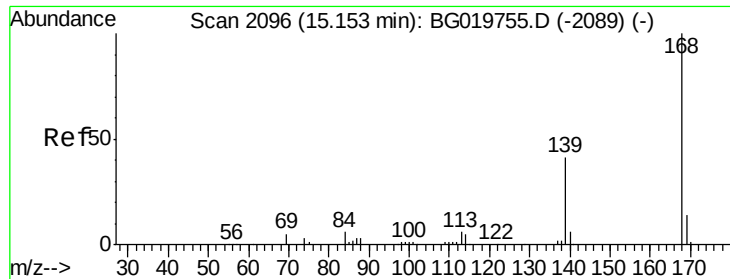
Tgt Ion:184 Resp: 14018  
 Ion Ratio Lower Upper  
 184 100  
 63 65.3 55.2 82.8  
 154 71.0 59.8 89.6



#53  
 4-Nitrophenol  
 Concen: 20.48 ng/ul  
 RT: 14.96 min Scan# 2063  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion:109 Resp: 24704  
 Ion Ratio Lower Upper  
 109 100  
 139 79.0 67.8 101.6  
 65 105.6 94.5 141.7





#54

Dibenzenofuran

Concen: 20.85 ng/ul

RT: 15.15 min Scan# 2095

Delta R.T. -0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

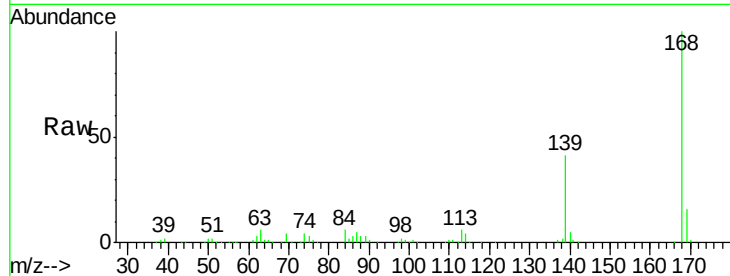
SSTD02008

Tgt Ion:168 Resp: 142208

Ion Ratio Lower Upper

168 100

139 41.1 34.7 52.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.15

100000

80000

60000

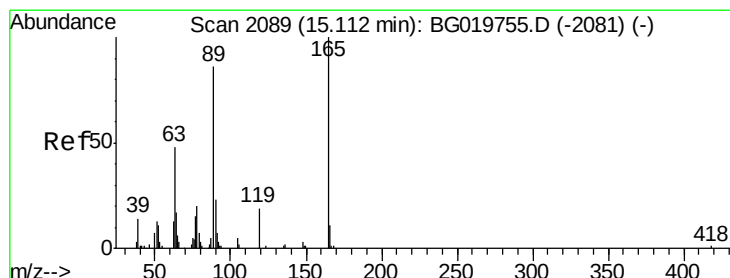
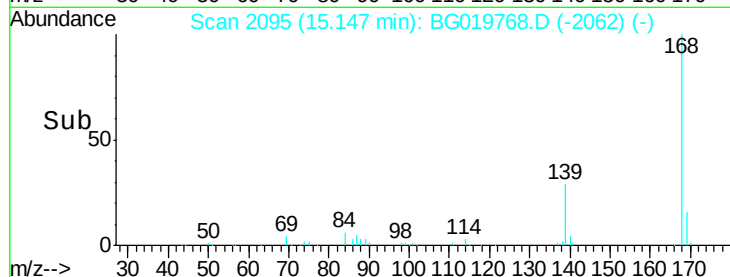
40000

20000

0

15.10 15.15 15.20

Time-->



#55

2,4-Dinitrotoluene

Concen: 21.33 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

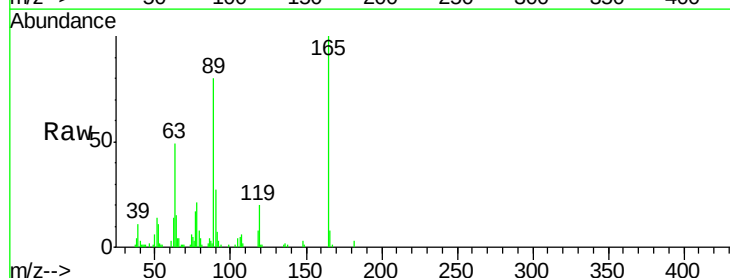
Tgt Ion:165 Resp: 41330

Ion Ratio Lower Upper

165 100

63 48.5 44.2 66.2

182 3.1 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

15.11

30000

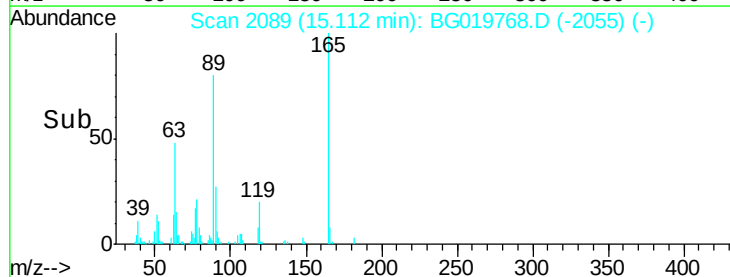
20000

10000

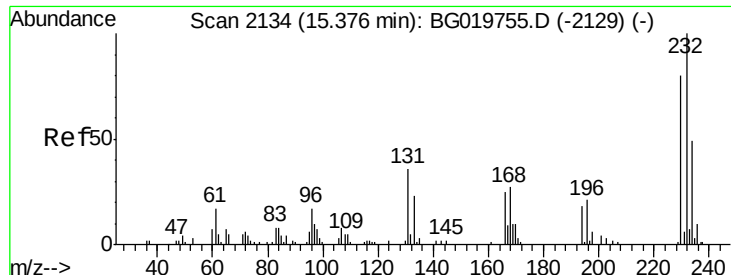
0

15.05 15.10 15.15

Time-->



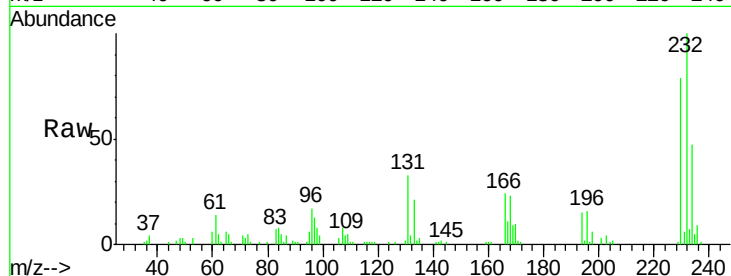




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 22.42 ng/ul  
 RT: 15.38 min Scan# 2134  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 32.9  | 27.5  | 41.3  |
| 130     | 2.2   | 2.0   | 3.0   |
| 166     | 24.5  | 22.5  | 33.7  |

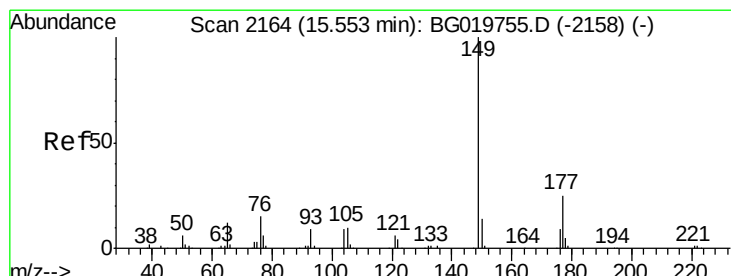
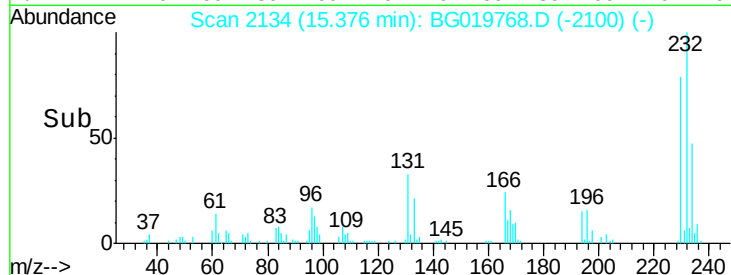
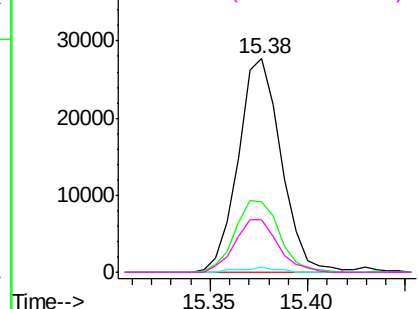


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

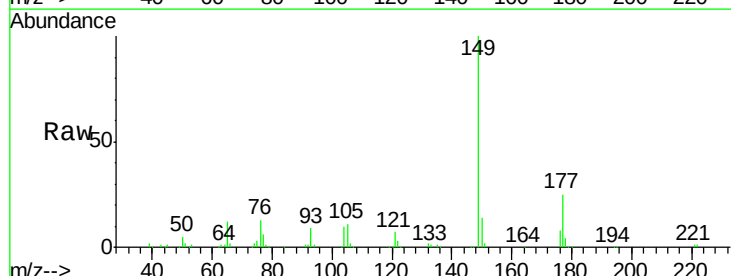
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57  
 Diethylphthalate  
 Concen: 19.54 ng/ul  
 RT: 15.55 min Scan# 2164  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

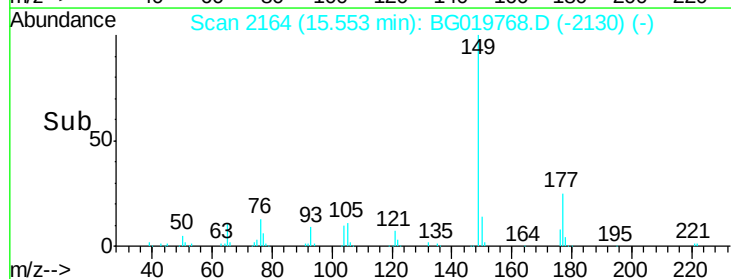
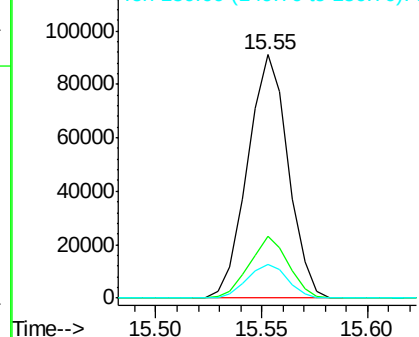
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 25.2  | 19.6  | 29.4  |
| 150     | 13.7  | 10.9  | 16.3  |

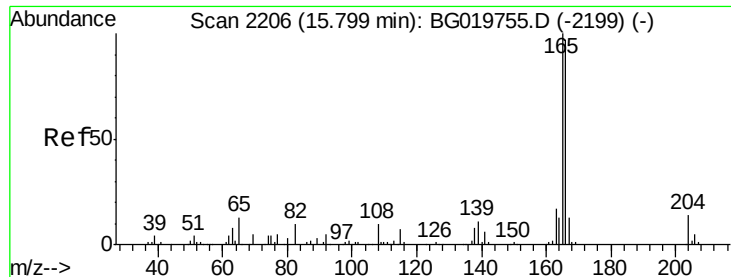


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.35 ng/ul

RT: 15.80 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

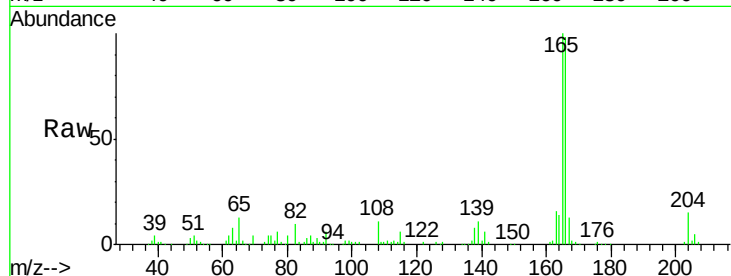
Tgt Ion:166 Resp: 121321

Ion Ratio Lower Upper

166 100

165 101.8 81.4 122.2

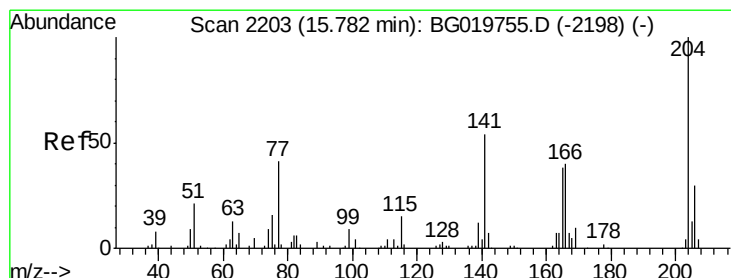
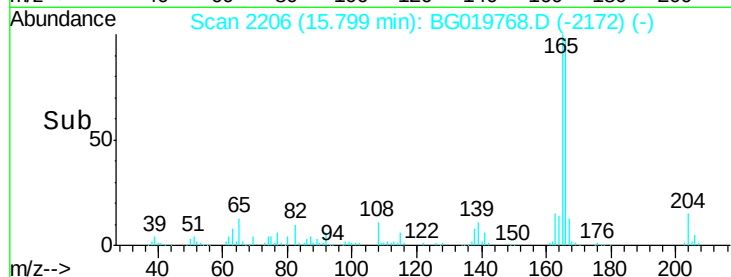
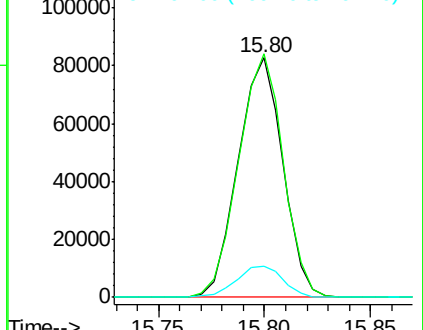
167 12.9 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.71 ng/ul

RT: 15.78 min Scan# 2203

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

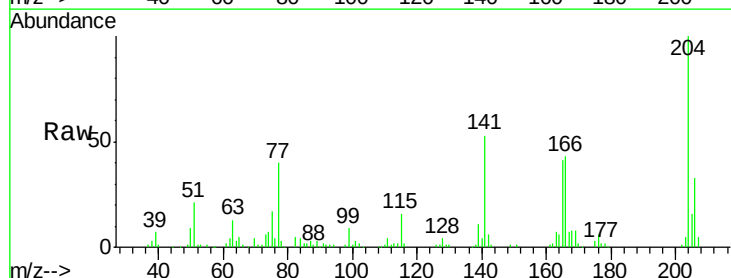
Tgt Ion:204 Resp: 71836

Ion Ratio Lower Upper

204 100

206 33.5 27.2 40.8

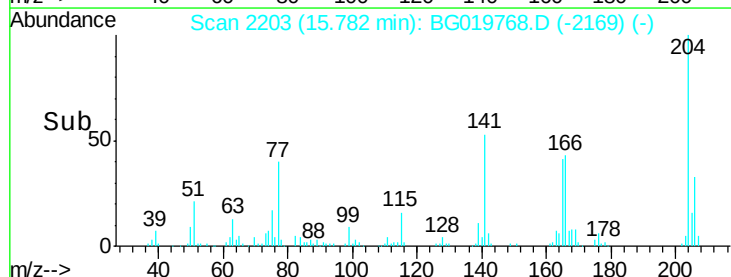
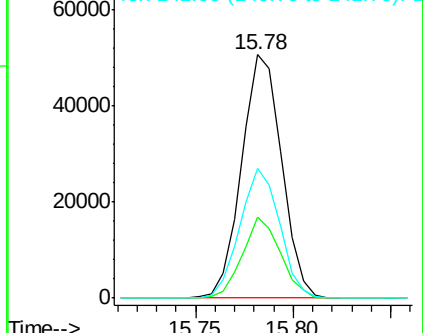
141 53.2 45.4 68.2

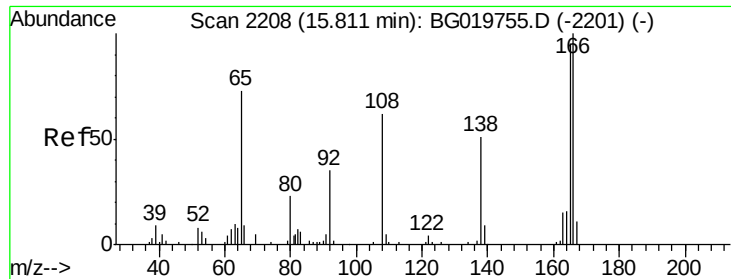


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

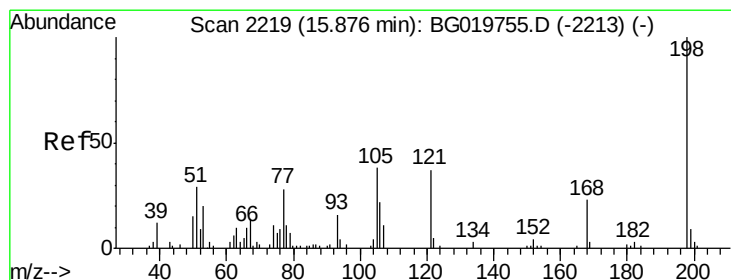
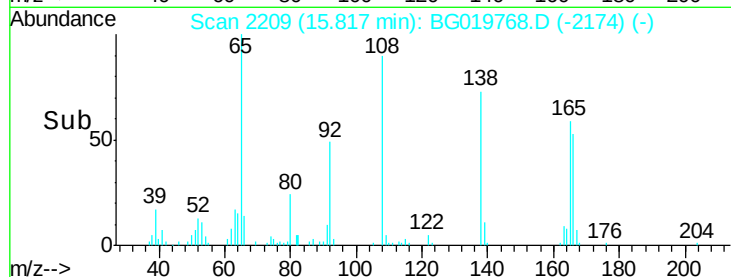
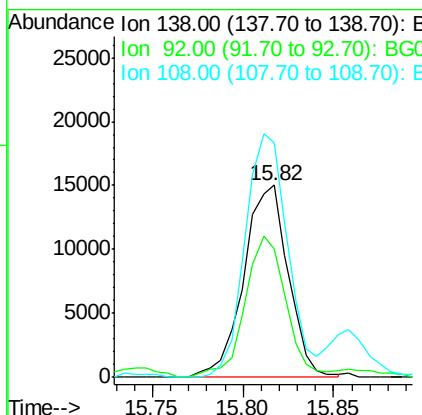
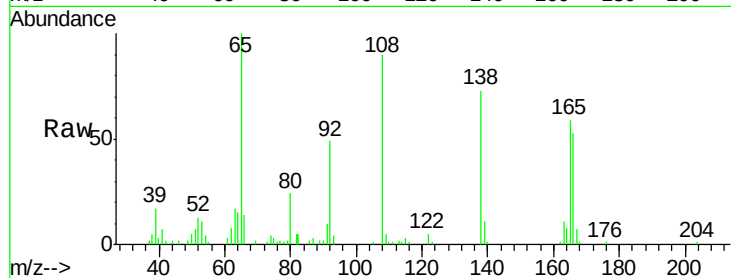




#61  
4-Nitroaniline  
Concen: 20.55 ng/ul  
RT: 15.82 min Scan# 2209  
Delta R.T. 0.01 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

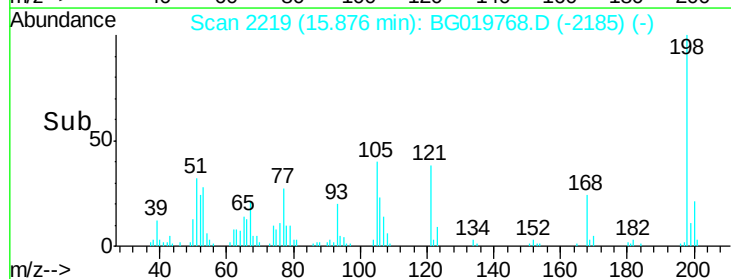
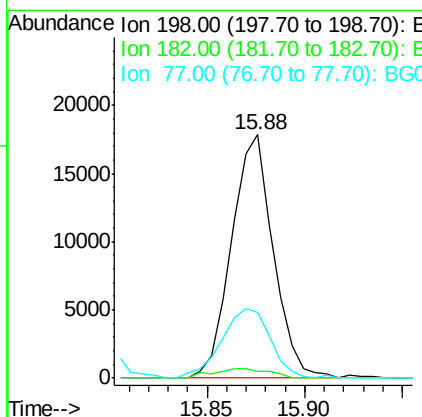
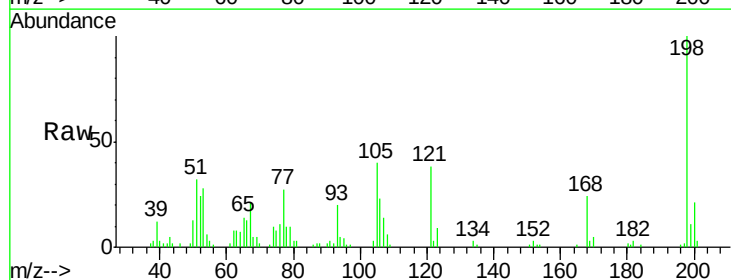
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02008

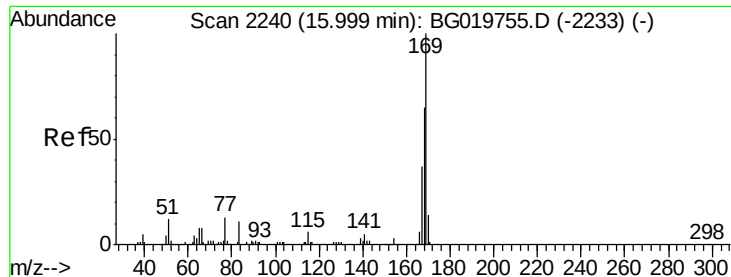
Tgt Ion:138 Resp: 25679  
Ion Ratio Lower Upper  
138 100  
92 66.7 49.6 74.4  
108 122.0 104.9 157.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 19.08 ng/ul  
RT: 15.88 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BG019768.D  
Acq: 21 Nov 2015 23:58

Tgt Ion:198 Resp: 26390  
Ion Ratio Lower Upper  
198 100  
182 3.1 3.4 5.2#  
77 27.2 20.6 31.0





#65

N-Nitrosodiphenylamine

Concen: 20.14 ng/ul

RT: 16.00 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

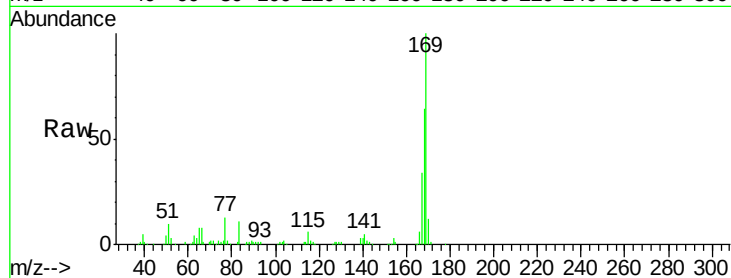
Tgt Ion:169 Resp: 109375

Ion Ratio Lower Upper

169 100

168 64.5 53.7 80.5

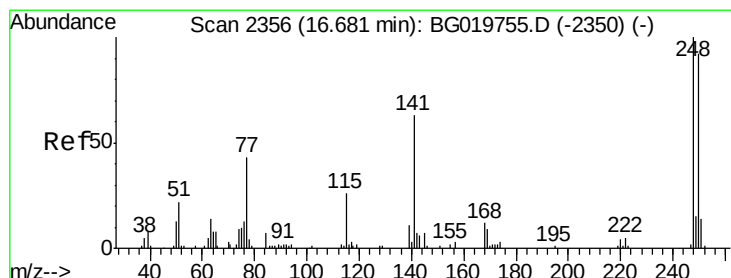
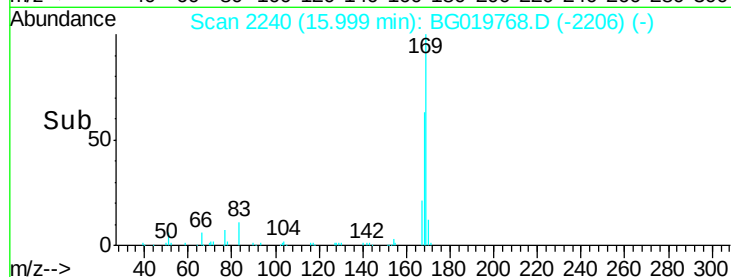
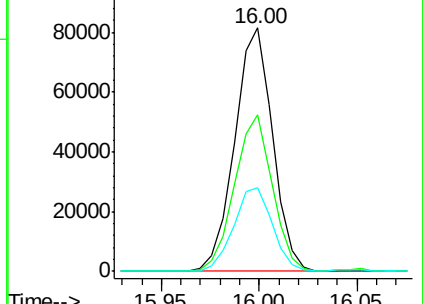
167 34.4 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.80 ng/ul

RT: 16.67 min Scan# 2356

Delta R.T. -0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

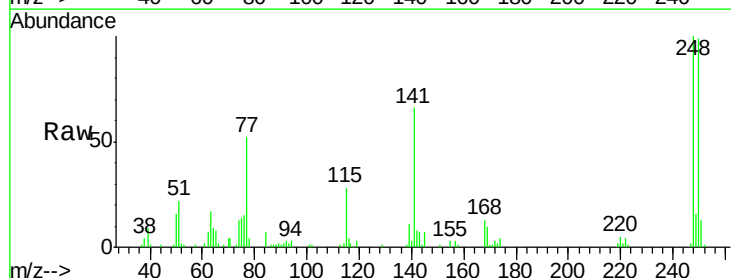
Tgt Ion:248 Resp: 50441

Ion Ratio Lower Upper

248 100

250 98.7 77.4 116.0

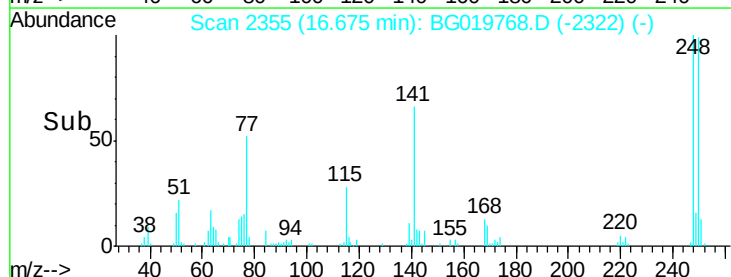
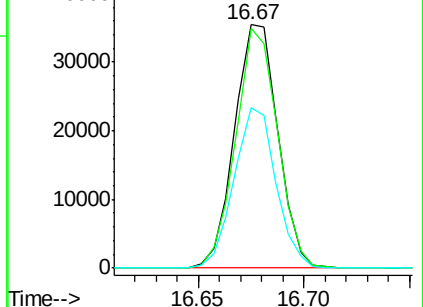
141 65.9 52.6 79.0

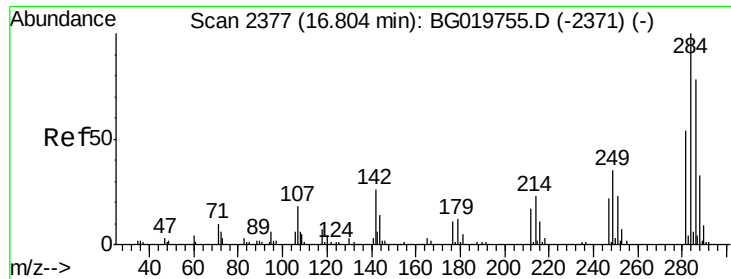


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 21.40 ng/ul

RT: 16.80 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

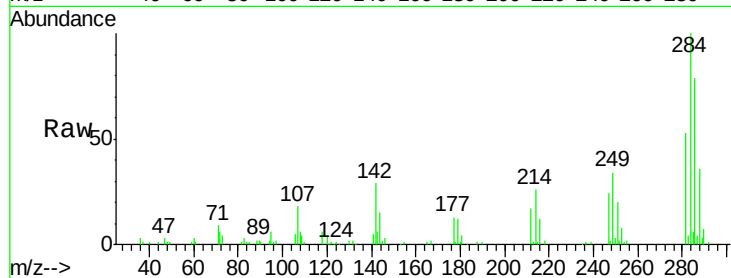
Tgt Ion:284 Resp: 54711

Ion Ratio Lower Upper

284 100

142 27.8 23.6 35.4

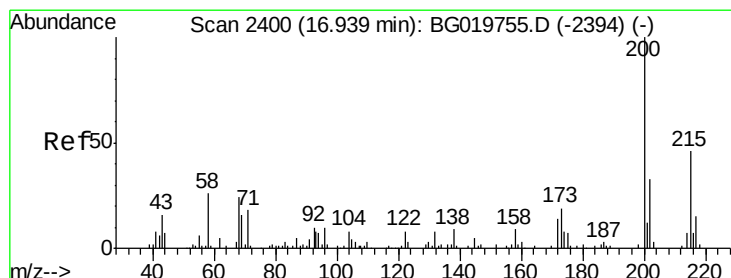
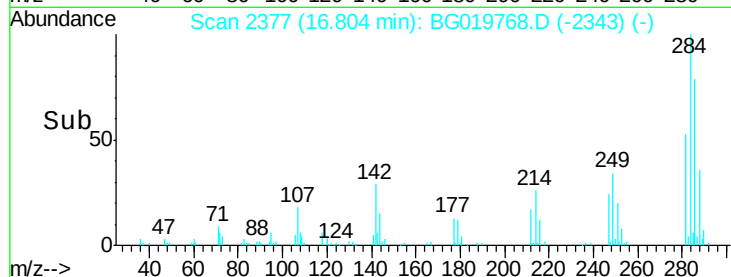
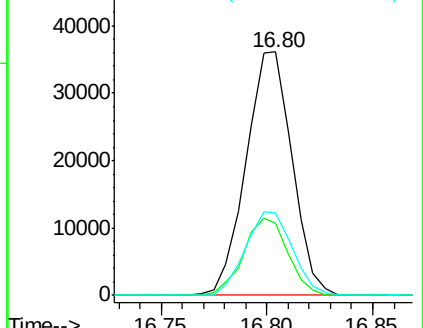
249 31.9 27.8 41.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 21.23 ng/ul

RT: 16.94 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

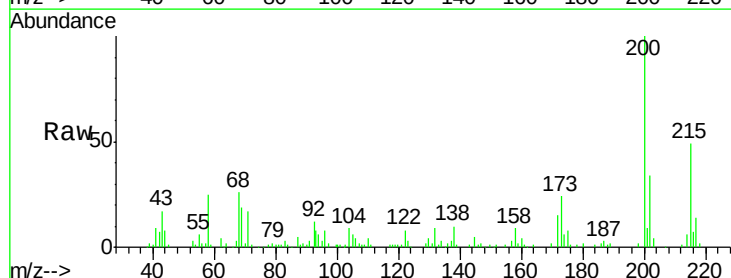
Tgt Ion:200 Resp: 53786

Ion Ratio Lower Upper

200 100

173 23.7 15.4 23.0#

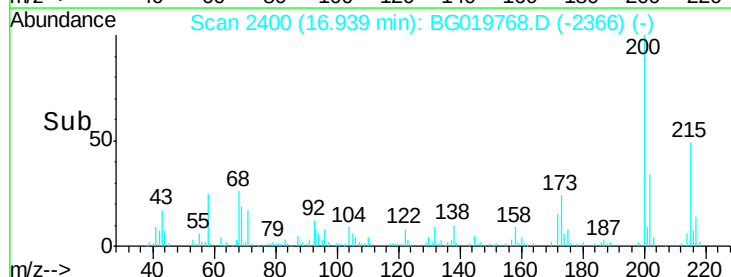
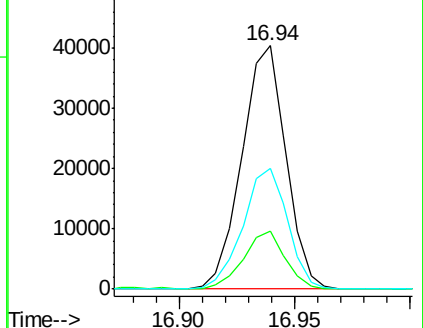
215 49.3 38.8 58.2

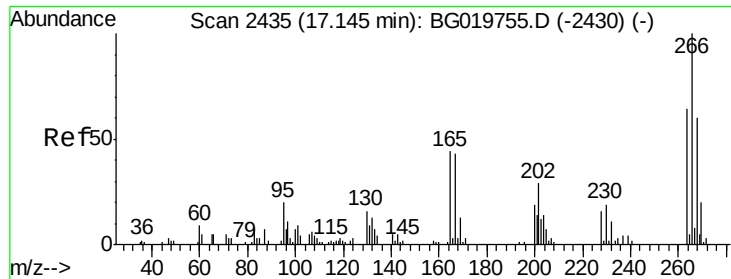


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

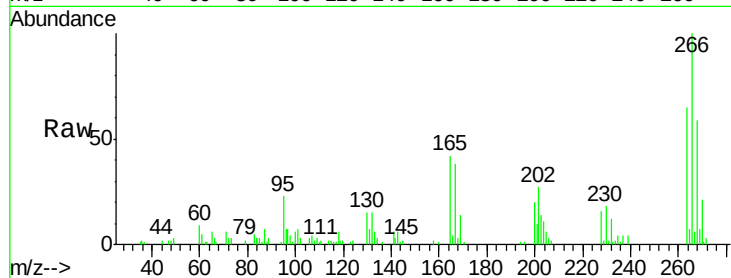




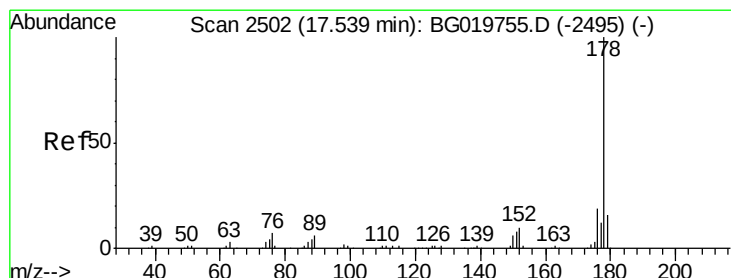
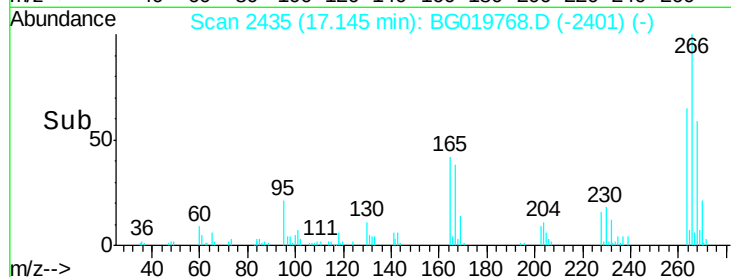
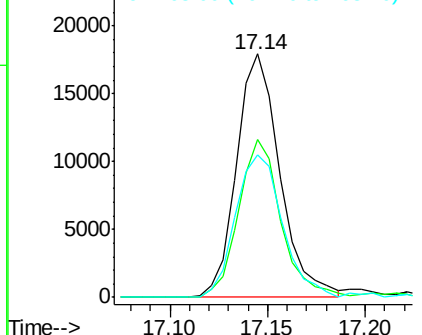
#69  
 Pentachlorophenol  
 Concen: 19.27 ng/ul  
 RT: 17.14 min Scan# 2435  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Tgt Ion:266 Resp: 27573  
 Ion Ratio Lower Upper  
 266 100  
 264 71.7 51.8 77.8  
 268 65.5 46.8 70.2

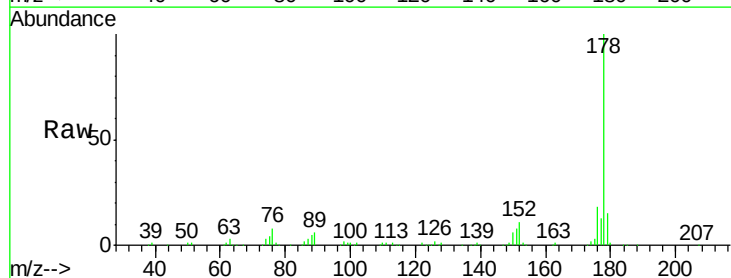


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

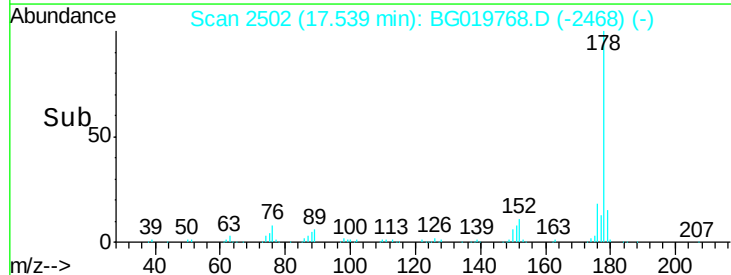
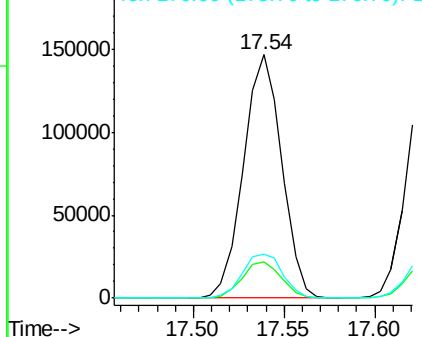


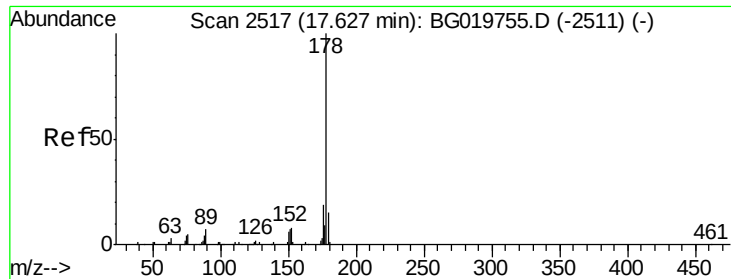
#70  
 Phenanthrene  
 Concen: 19.95 ng/ul  
 RT: 17.54 min Scan# 2502  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion:178 Resp: 215287  
 Ion Ratio Lower Upper  
 178 100  
 179 15.0 12.2 18.2  
 176 18.3 16.6 24.8



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





#72

Anthracene

Concen: 19.98 ng/uL

RT: 17.63 min Scan# 2517

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

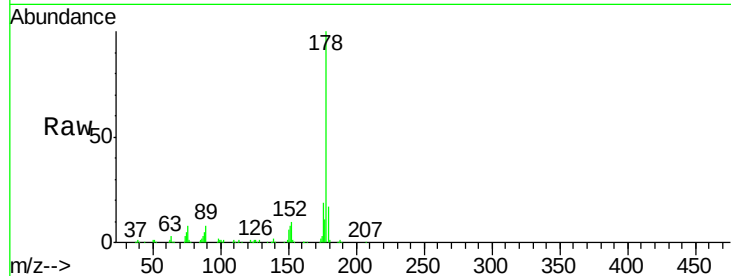
Tgt Ion:178 Resp: 217407

Ion Ratio Lower Upper

178 100

179 17.4 12.6 19.0

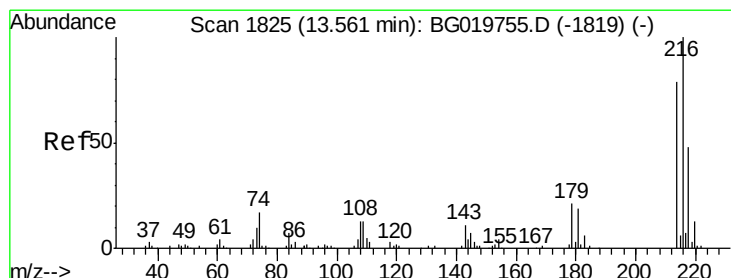
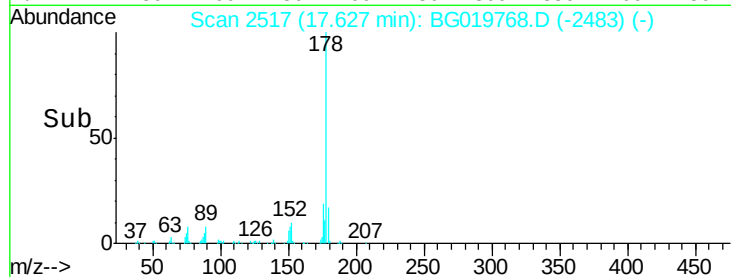
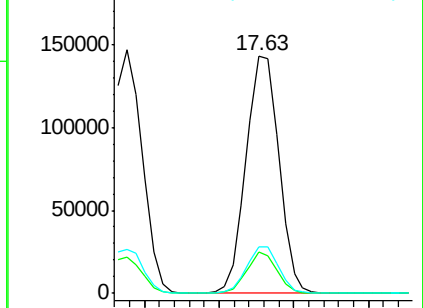
176 19.5 15.0 22.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 22.21 ng/uL

RT: 13.56 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

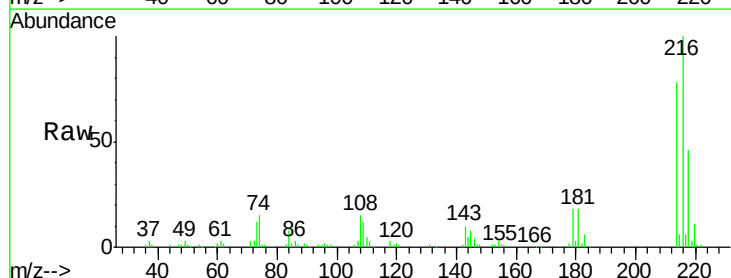
Tgt Ion:216 Resp: 61832

Ion Ratio Lower Upper

216 100

214 77.5 64.4 96.6

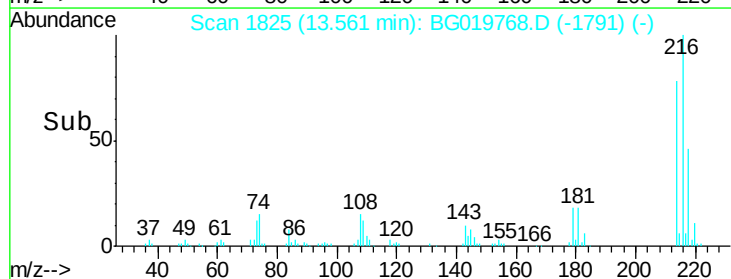
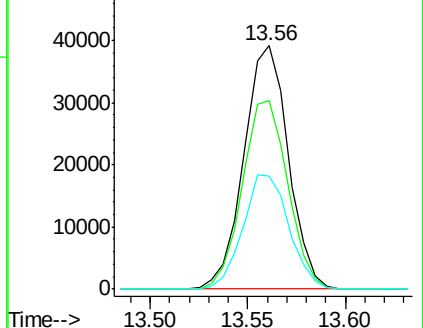
218 46.2 39.3 58.9

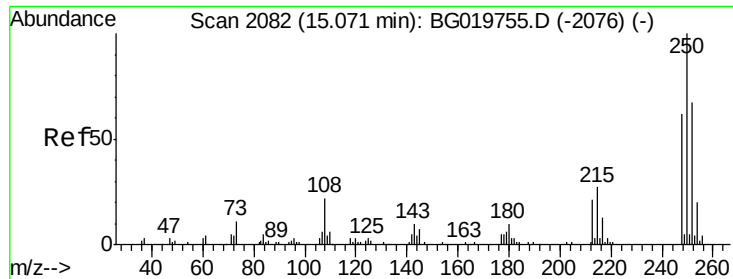


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E

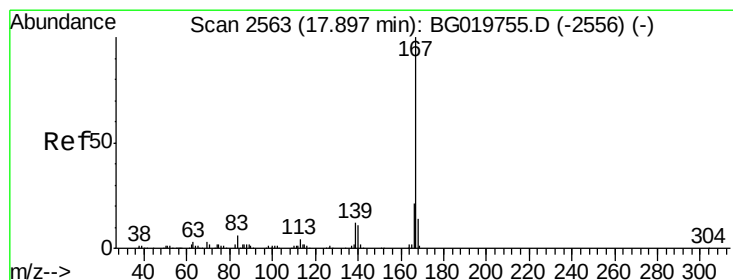
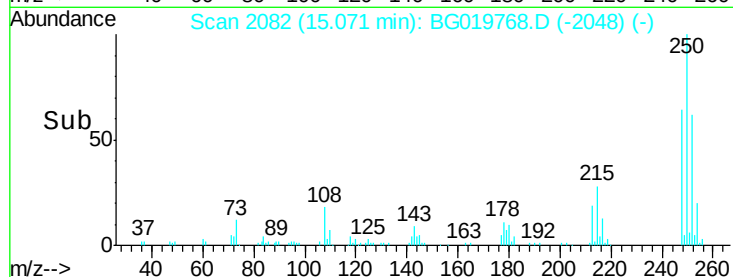
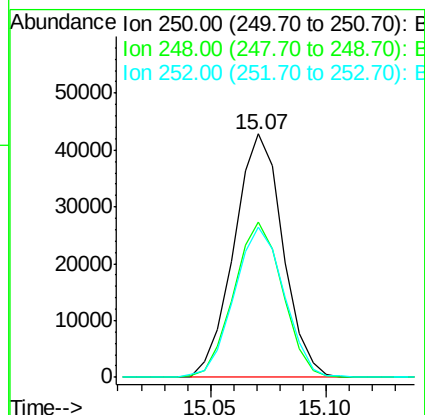
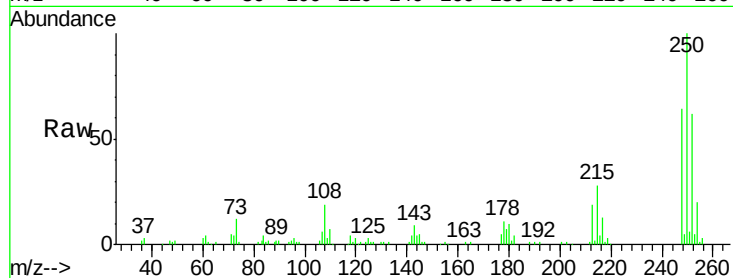




#74  
 Pentachlorobenzene  
 Concen: 21.65 ng/uL  
 RT: 15.07 min Scan# 2082  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

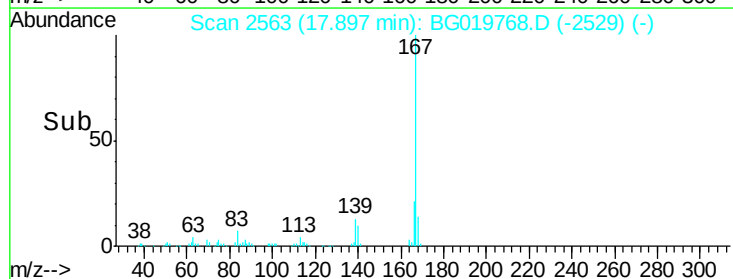
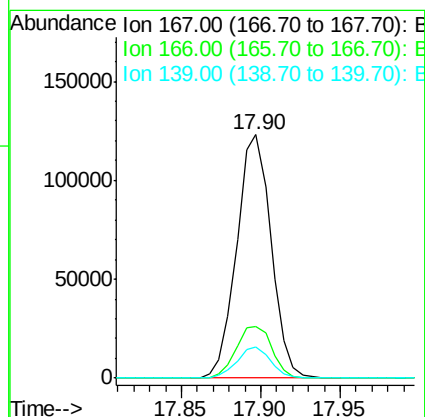
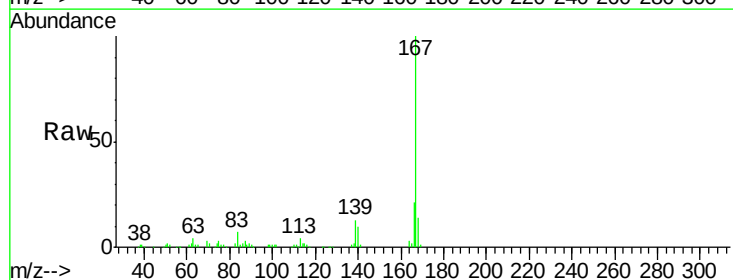
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

Tgt Ion:250 Resp: 62890  
 Ion Ratio Lower Upper  
 250 100  
 248 63.6 50.4 75.6  
 252 61.8 47.2 70.8

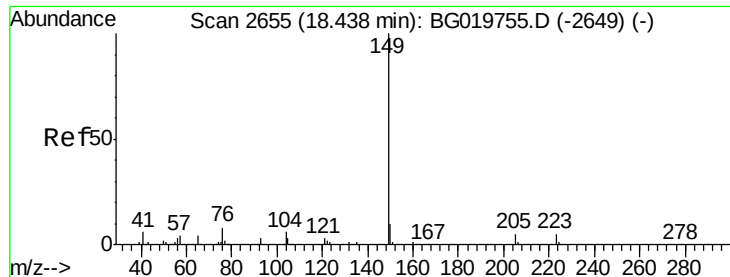


#75  
 Carbazole  
 Concen: 21.17 ng/uL  
 RT: 17.90 min Scan# 2563  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

Tgt Ion:167 Resp: 184998  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 18.1 27.1  
 139 12.9 9.8 14.6







#76

Di-n-butylphthalate

Concen: 19.39 ng/ul

RT: 18.44 min Scan# 2655

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

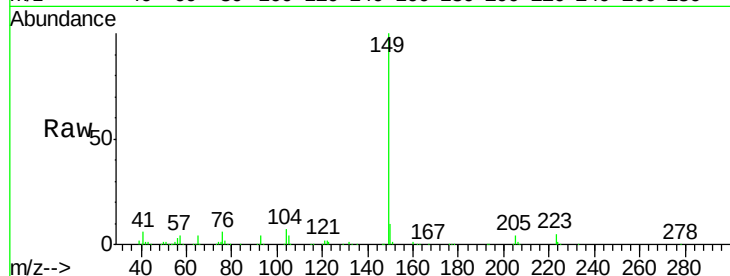
Tgt Ion:149 Resp: 219805

Ion Ratio Lower Upper

149 100

150 10.3 7.4 11.2

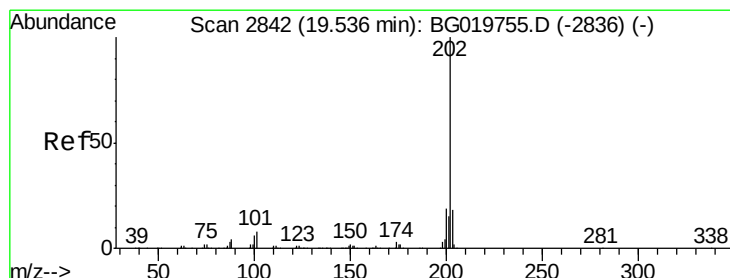
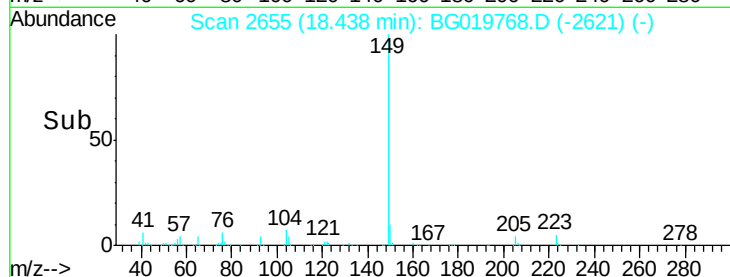
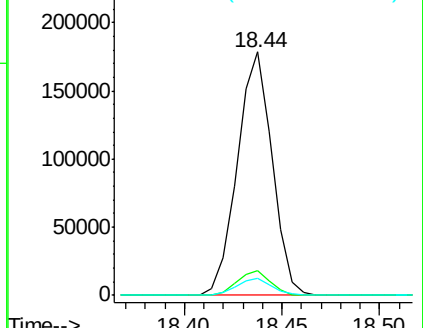
104 7.0 5.5 8.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#77

Fluoranthene

Concen: 21.33 ng/ul

RT: 19.54 min Scan# 2842

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

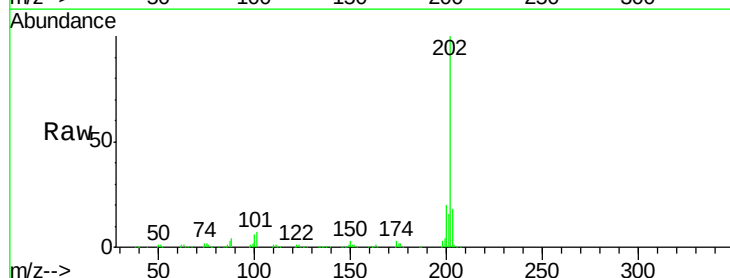
Tgt Ion:202 Resp: 293413

Ion Ratio Lower Upper

202 100

101 7.4 5.2 7.8

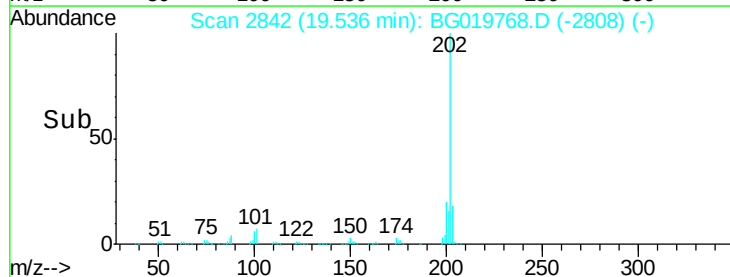
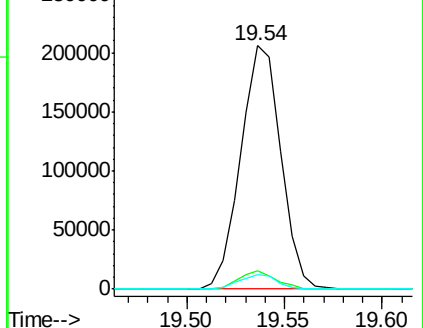
100 5.9 5.0 7.4

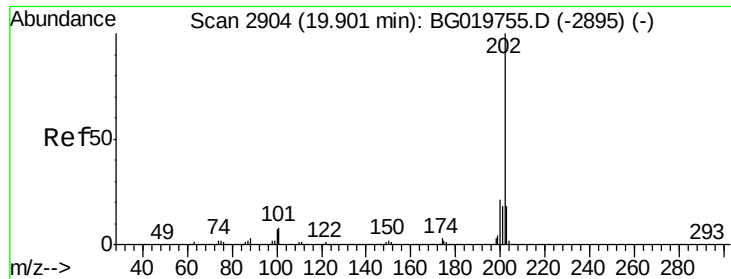


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

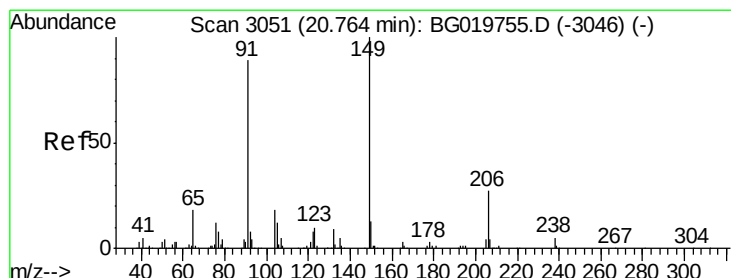
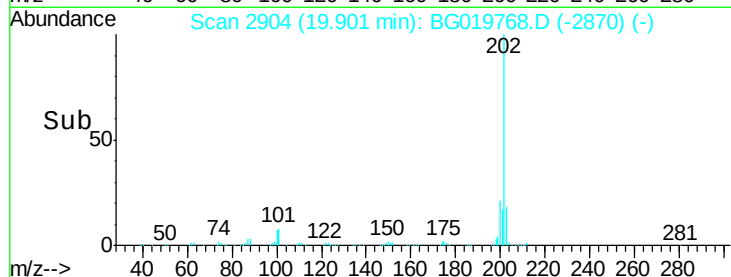
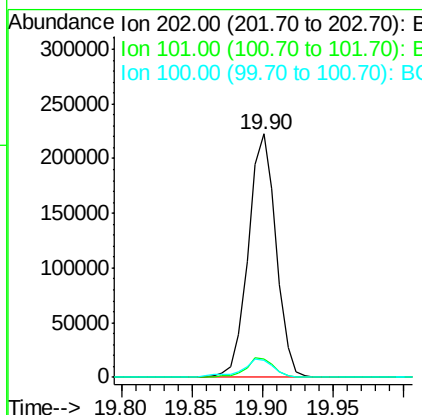
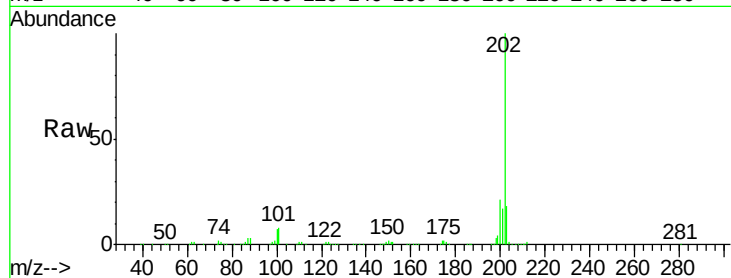




#80  
 Pyrene  
 Concen: 19.71 ng/ul  
 RT: 19.90 min Scan# 2904  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

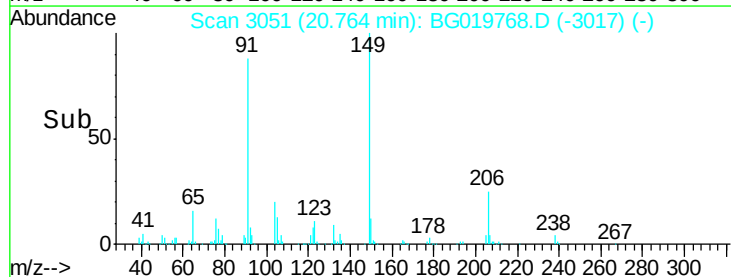
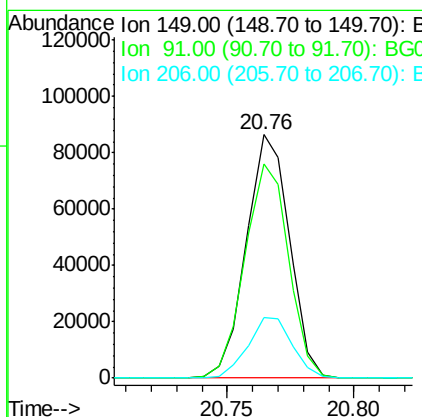
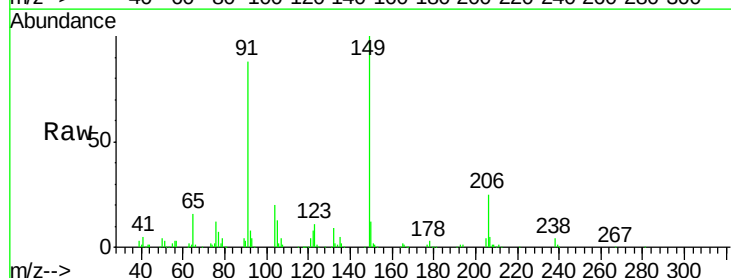
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02008

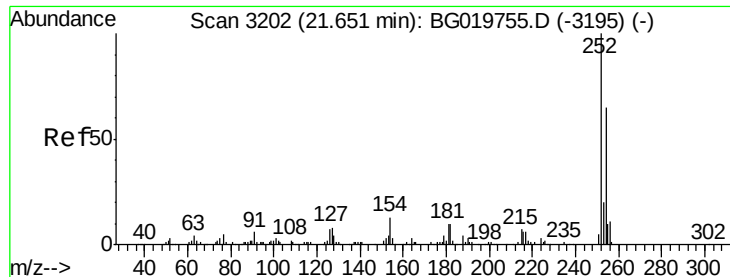
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 202   | Resp: | 306779 |
| Ion      | Ratio | Lower | Upper  |
| 202      | 100   |       |        |
| 101      | 7.7   | 7.0   | 10.6   |
| 100      | 6.9   | 6.6   | 10.0   |



#81  
 Butylbenzylphthalate  
 Concen: 20.11 ng/ul  
 RT: 20.76 min Scan# 3051  
 Delta R.T. 0.00 min  
 Lab File: BG019768.D  
 Acq: 21 Nov 2015 23:58

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 102965 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 91       | 88.2  | 71.1  | 106.7  |
| 206      | 25.0  | 20.4  | 30.6   |





#82

3,3'-Dichlorobenzidine

Concen: 19.75 ng/ul

RT: 21.65 min Scan# 3202

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

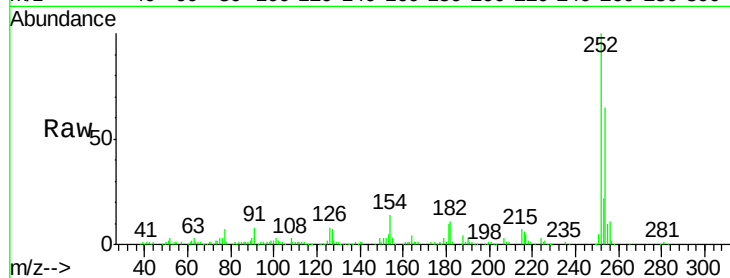
Tgt Ion:252 Resp: 96266

Ion Ratio Lower Upper

252 100

254 65.0 53.1 79.7

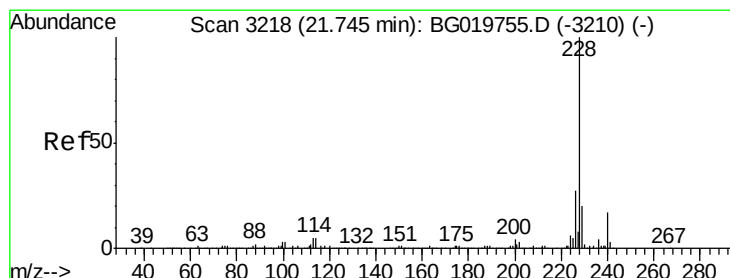
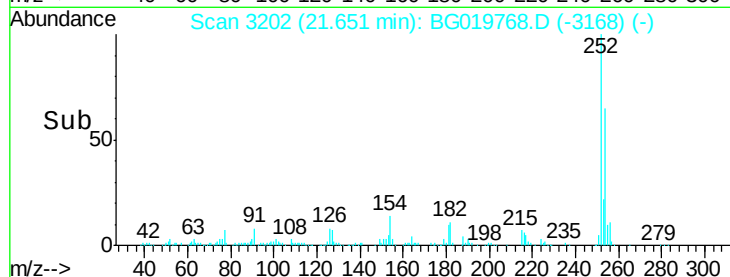
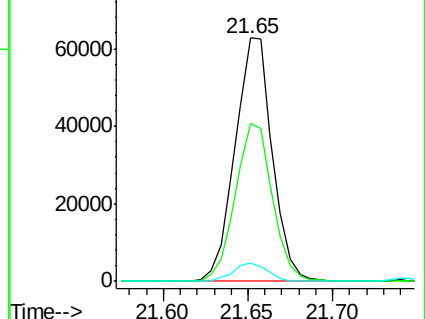
126 7.7 5.0 7.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.50 ng/ul

RT: 21.75 min Scan# 3218

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

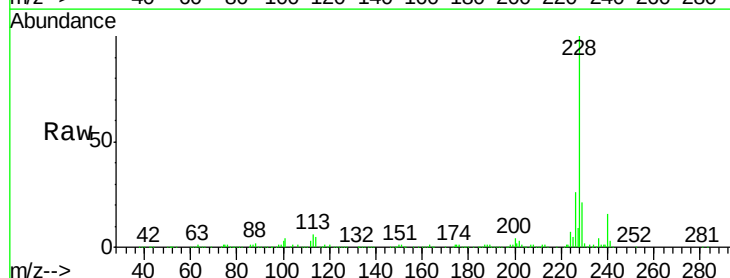
Tgt Ion:228 Resp: 331069

Ion Ratio Lower Upper

228 100

229 20.6 15.7 23.5

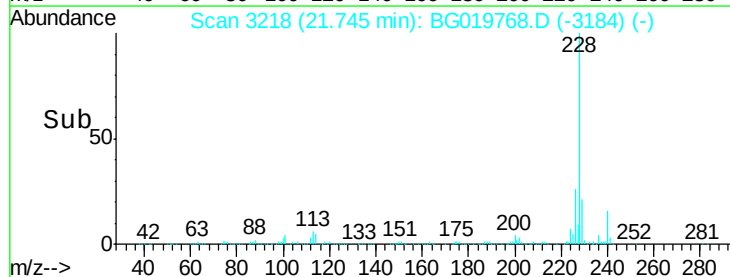
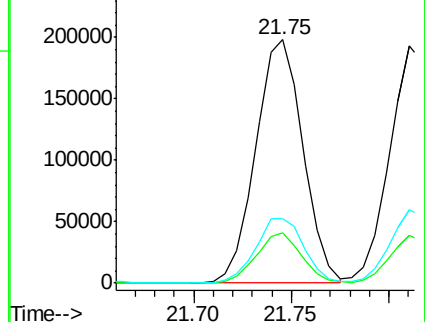
226 26.5 22.6 33.8

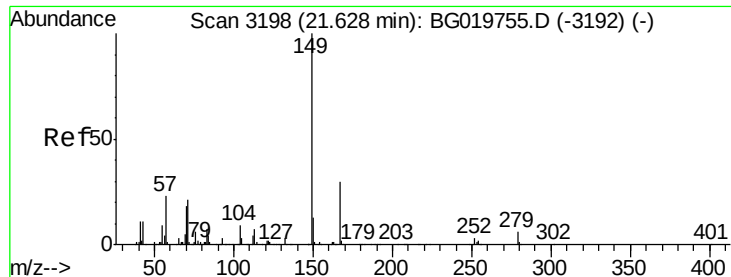


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 19.84 ng/ul

RT: 21.63 min Scan# 3198

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

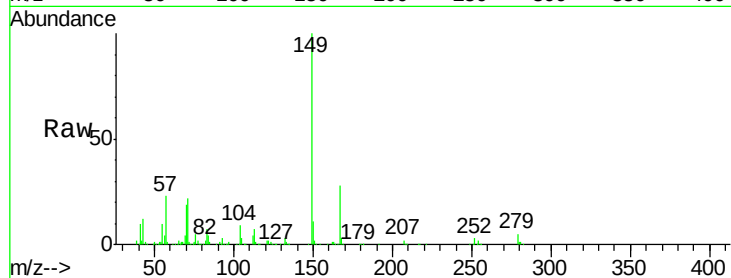
Tgt Ion:149 Resp: 148973

Ion Ratio Lower Upper

149 100

167 27.9 22.4 33.6

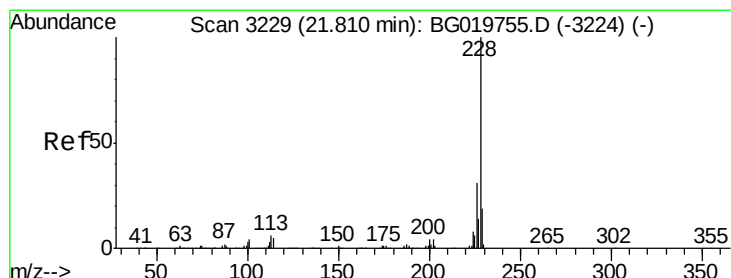
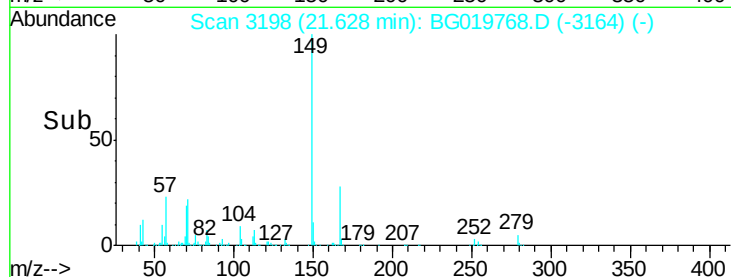
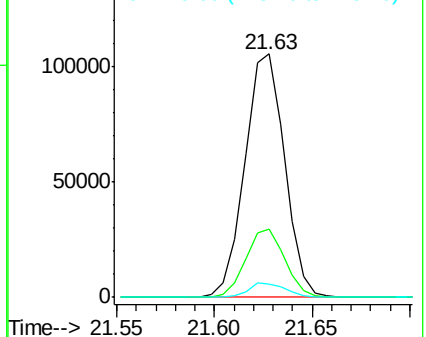
279 5.2 3.6 5.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 20.48 ng/ul

RT: 21.81 min Scan# 3229

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

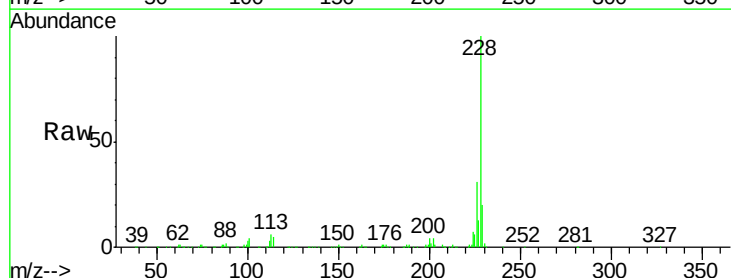
Tgt Ion:228 Resp: 311378

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

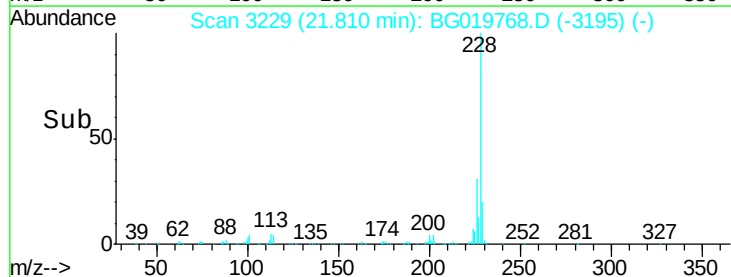
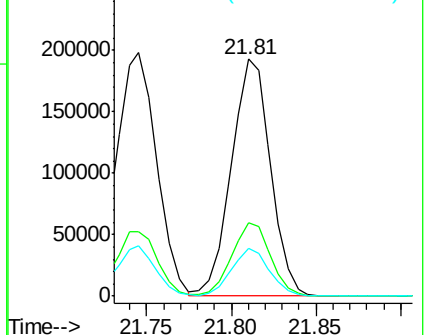
229 20.3 17.0 25.6

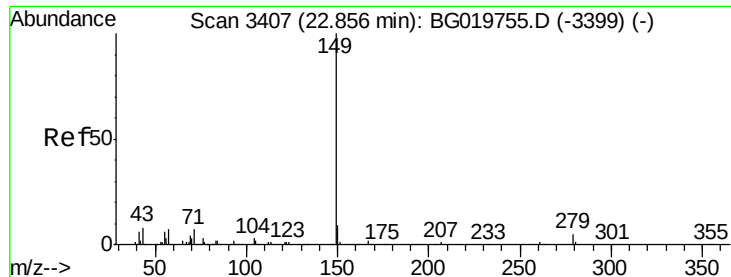


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.98 ng/ul

RT: 22.86 min Scan# 3407

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

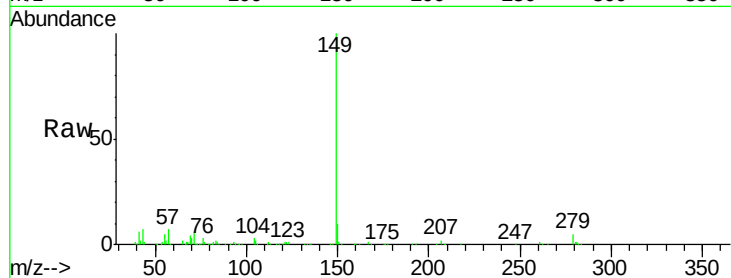
Instrument :

BNA\_G

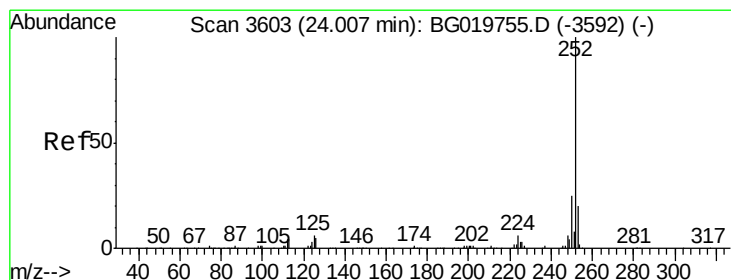
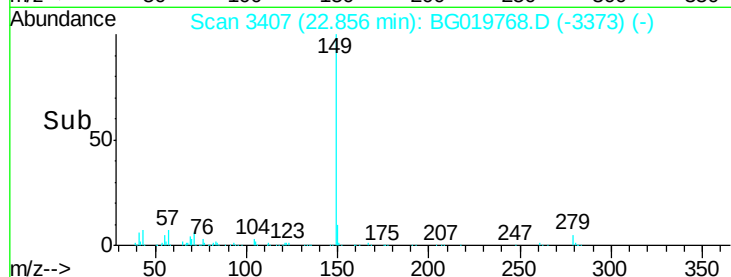
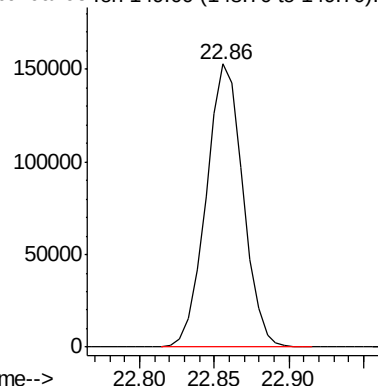
ClientSampleId :

SSTD02008

Tgt Ion:149 Resp: 261312



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 20.34 ng/ul

RT: 24.01 min Scan# 3603

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

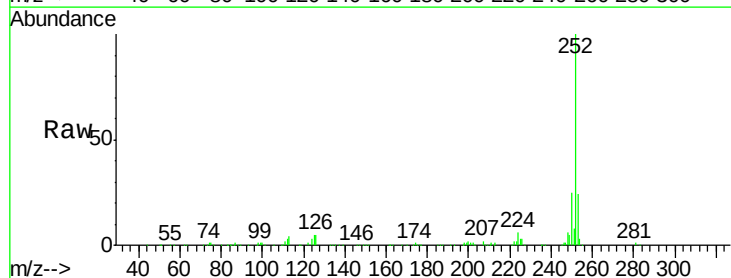
Tgt Ion:252 Resp: 321500

Ion Ratio Lower Upper

252 100

253 23.5 17.1 25.7

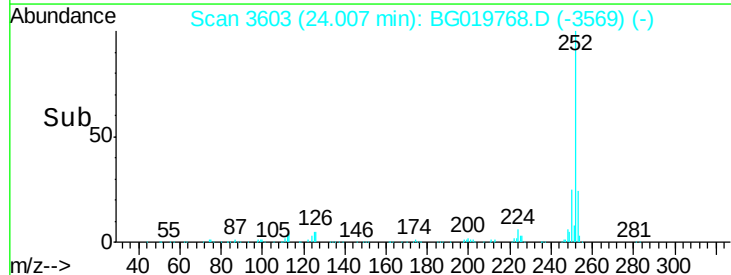
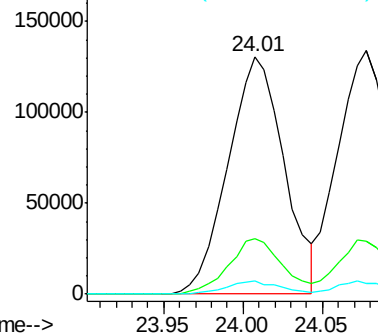
125 5.4 4.2 6.4

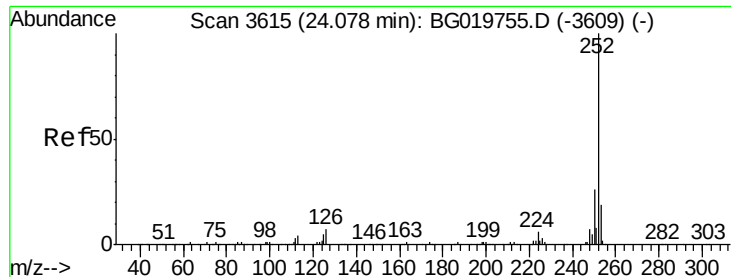


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.25 ng/ul

RT: 24.08 min Scan# 3615

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

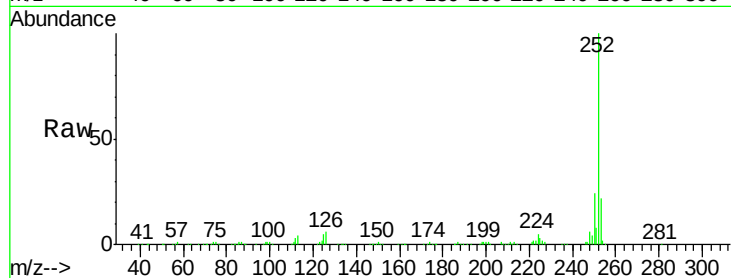
Tgt Ion:252 Resp: 308902

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

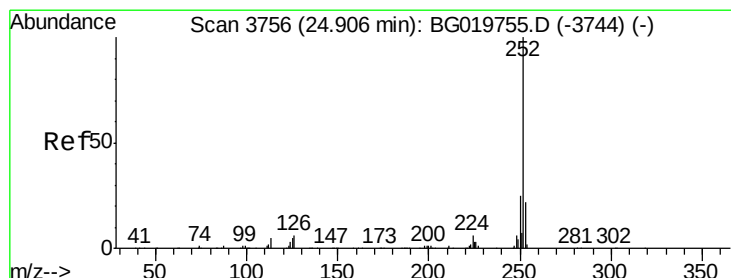
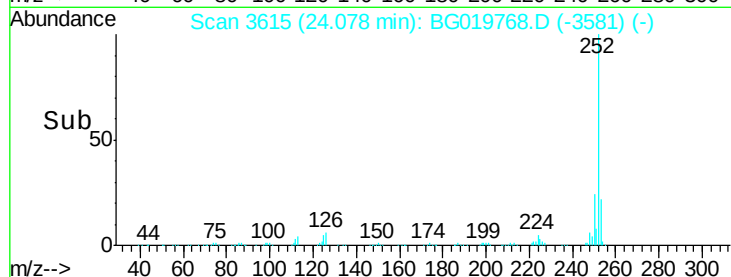
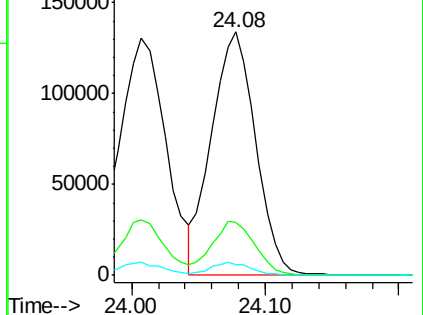
125 4.6 4.4 6.6



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



#91

Benzo(a)pyrene

Concen: 20.40 ng/ul

RT: 24.91 min Scan# 3756

Delta R.T. 0.00 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

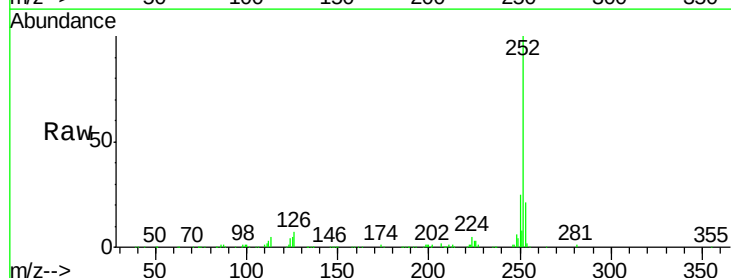
Tgt Ion:252 Resp: 310465

Ion Ratio Lower Upper

252 100

253 21.4 16.9 25.3

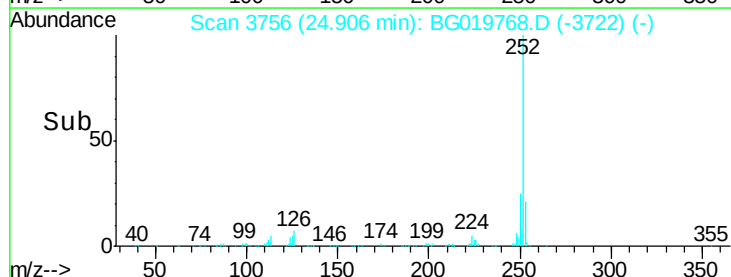
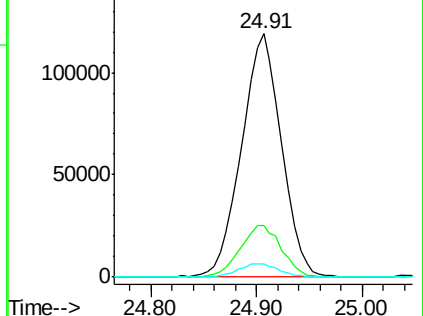
125 5.4 5.4 8.0

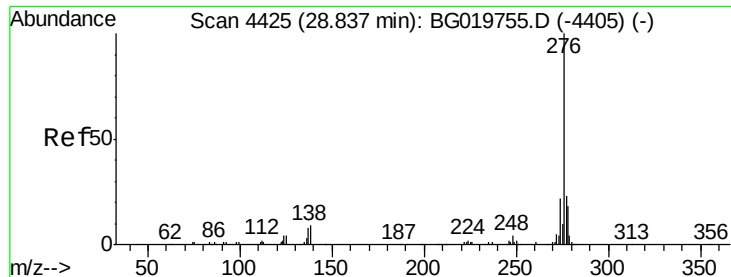


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 20.28 ng/ul

RT: 28.83 min Scan# 4424

Delta R.T. -0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008

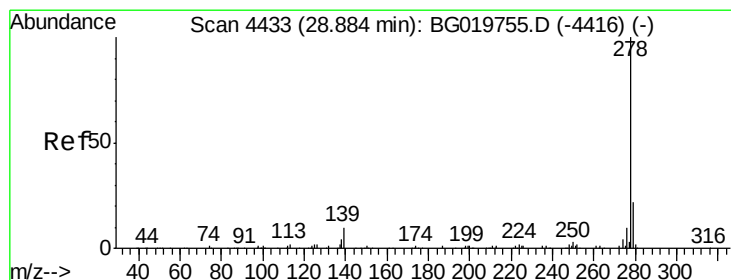
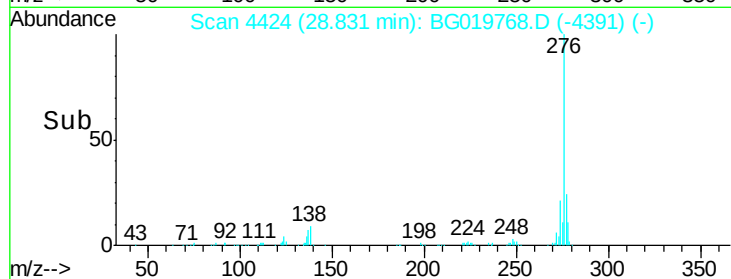
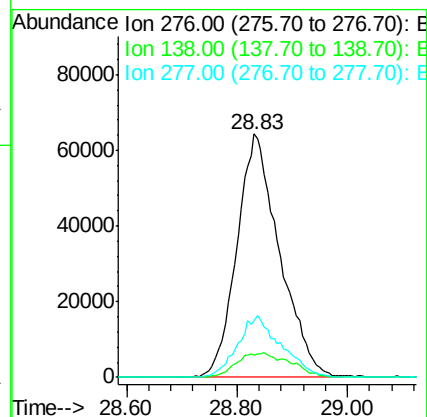
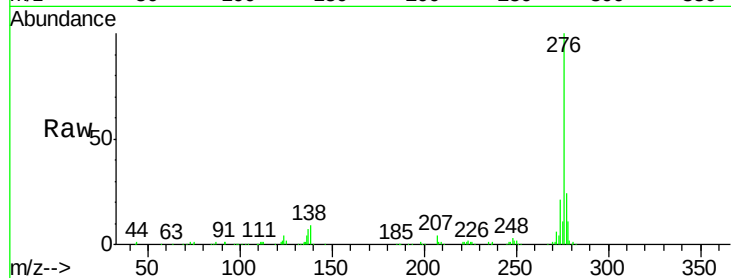
Tgt Ion:276 Resp: 345369

Ion Ratio Lower Upper

276 100

138 9.2 9.9 14.9#

277 23.5 21.3 31.9



#93

Dibenzo(a,h)anthracene

Concen: 20.62 ng/ul

RT: 28.90 min Scan# 4435

Delta R.T. 0.01 min

Lab File: BG019768.D

Acq: 21 Nov 2015 23:58

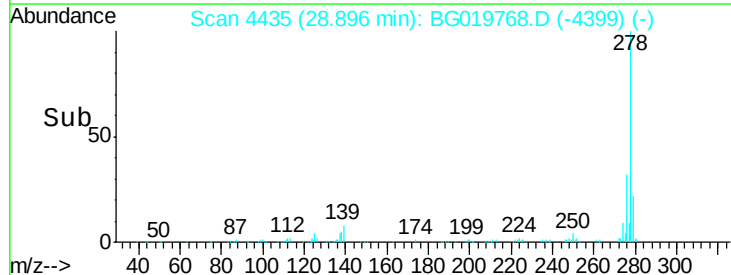
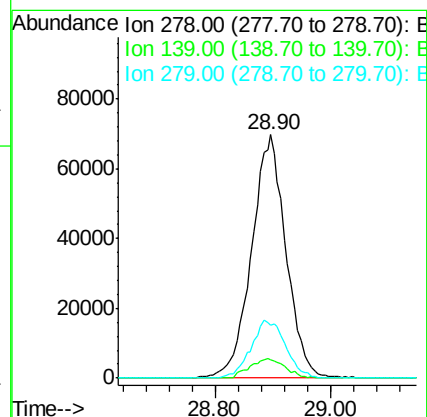
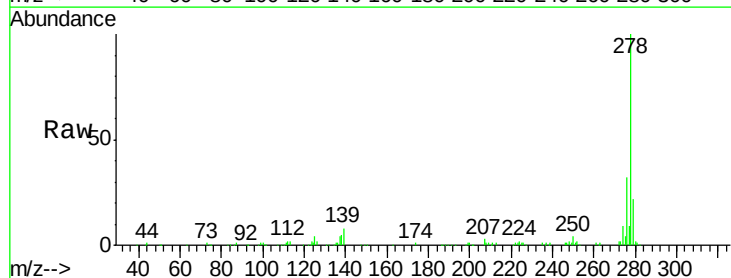
Tgt Ion:278 Resp: 288735

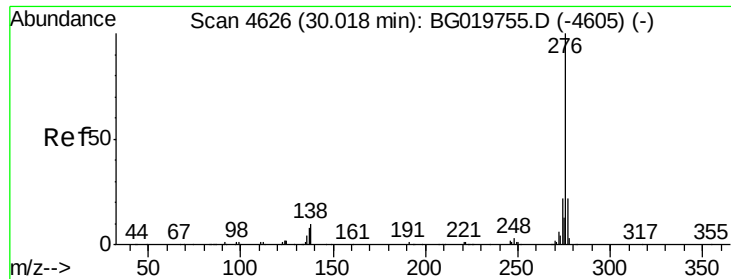
Ion Ratio Lower Upper

278 100

139 7.8 5.9 8.9

279 21.5 18.2 27.2





#94

Benzo(g,h,i)perylene

Concen: 20.41 ng/ul

RT: 30.01 min Scan# 4625

Delta R.T. -0.01 min

Lab File: BG019768.D

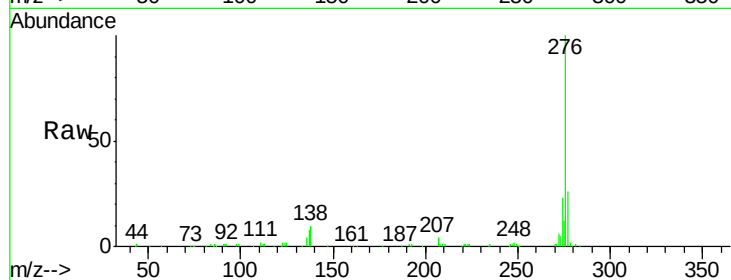
Acq: 21 Nov 2015 23:58

Instrument :

BNA\_G

ClientSampleId :

SSTD02008



|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 276   | Resp: | 288429 |
| Ion      | Ratio | Lower | Upper  |
| 276      | 100   |       |        |
| 138      | 9.6   | 9.2   | 13.8   |
| 277      | 26.1  | 18.6  | 28.0   |

