

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\  
 Data File : BG019239.D  
 Acq On : 17 Oct 2015 1:08  
 Operator : UM/NP  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02014

Quant Time: Oct 19 00:31:09 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 19 00:27:28 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 21008    | 20.00 | ng/ul | 0.01     |
| 18) Naphthalene-d8        | 10.82 | 136  | 96794    | 20.00 | ng/ul | 0.01     |
| 36) Acenaphthene-d10      | 14.65 | 164  | 59629    | 20.00 | ng/ul | 0.01     |
| 62) Phenanthrene-d10      | 17.39 | 188  | 132991   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.66 | 240  | 144957   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.88 | 264  | 130012   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 2537   | 6.73  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.19  | 99  | 37392  | 20.40 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 22755  | 19.29 | ng/ul | 0.01 |
| 9) 2-Chlorophenol-d4           | 7.55  | 132 | 28448  | 21.29 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.73  | 113 | 31642  | 20.37 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 9.18  | 128 | 15093  | 20.24 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.90  | 143 | 17734  | 22.41 | ng/ul | 0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.45 | 165 | 32510  | 20.74 | ng/ul | 0.01 |
| 29) 4-Chloroaniline-d4         | 10.96 | 131 | 41085  | 20.35 | ng/ul | 0.01 |
| 44) Dimethylphthalate-d6       | 14.05 | 166 | 92059  | 17.65 | ng/ul | 0.01 |
| 47) Acenaphthylene-d8          | 14.34 | 160 | 113869 | 20.20 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.86 | 143 | 18574  | 19.81 | ng/ul | 0.03 |
| 58) Fluorene-d10               | 15.63 | 176 | 84378  | 18.93 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.76 | 200 | 16871  | 20.56 | ng/ul | 0.01 |
| 71) Anthracene-d10             | 17.49 | 188 | 125840 | 20.03 | ng/ul | 0.01 |
| 79) Pyrene-d10                 | 19.78 | 212 | 128420 | 19.53 | ng/ul | 0.01 |
| 90) Benzo(a)pyrene-d12         | 24.65 | 264 | 134036 | 20.41 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |       |       | Ovalue |    |
|--------------------------------|-------|-----|-------|-------|--------|----|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 2930  | 6.59  | ng/uL# | 83 |
| 4) Benzaldehyde                | 7.15  | 77  | 23500 | 22.05 | ng/ul  | 90 |
| 6) Phenol                      | 7.22  | 94  | 38567 | 20.20 | ng/ul# | 82 |
| 8) Bis(2-Chloroethyl)ether     | 7.43  | 93  | 26538 | 19.60 | ng/ul  | 97 |
| 10) 2-Chlorophenol             | 7.58  | 128 | 29495 | 21.49 | ng/ul  | 98 |
| 11) 2-Methylphenol             | 8.47  | 108 | 29710 | 19.83 | ng/ul  | 99 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 44947 | 14.89 | ng/ul# | 97 |
| 14) Acetophenone               | 8.84  | 105 | 50322 | 19.19 | ng/ul  | 94 |
| 15) N-Nitroso-di-n-propylamine | 8.82  | 70  | 24216 | 18.08 | ng/ul  | 98 |
| 16) 4-Methylphenol             | 8.80  | 108 | 33858 | 20.14 | ng/ul  | 96 |
| 17) Hexachloroethane           | 9.10  | 117 | 7812  | 13.23 | ng/ul  | 96 |
| 20) Nitrobenzene               | 9.22  | 77  | 40499 | 19.81 | ng/ul  | 97 |
| 21) Isophorone                 | 9.75  | 82  | 55340 | 13.89 | ng/ul# | 97 |
| 23) 2-Nitrophenol              | 9.93  | 139 | 17200 | 20.45 | ng/ul# | 68 |
| 24) 2,4-Dimethylphenol         | 10.00 | 107 | 41371 | 20.31 | ng/ul  | 94 |
| 25) Bis(2-Chloroethoxy)methane | 10.22 | 93  | 38896 | 18.90 | ng/ul# | 96 |
| 27) 2,4-Dichlorophenol         | 10.48 | 162 | 33010 | 20.85 | ng/ul  | 96 |
| 28) Naphthalene                | 10.87 | 128 | 98381 | 19.45 | ng/ul  | 97 |
| 30) 4-Chloroaniline            | 10.98 | 127 | 42542 | 20.45 | ng/ul  | 99 |
| 31) Hexachlorobutadiene        | 11.15 | 225 | 18828 | 16.29 | ng/ul  | 90 |
| 32) Caprolactam                | 11.77 | 113 | 8306  | 14.17 | ng/ul  | 81 |
| 33) 4-Chloro-3-methylphenol    | 12.11 | 107 | 39237 | 19.68 | ng/ul  | 94 |
| 34) 2-Methylnaphthalene        | 12.47 | 142 | 75993 | 18.95 | ng/ul  | 98 |

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\  
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 Operator : UM/NP  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02014

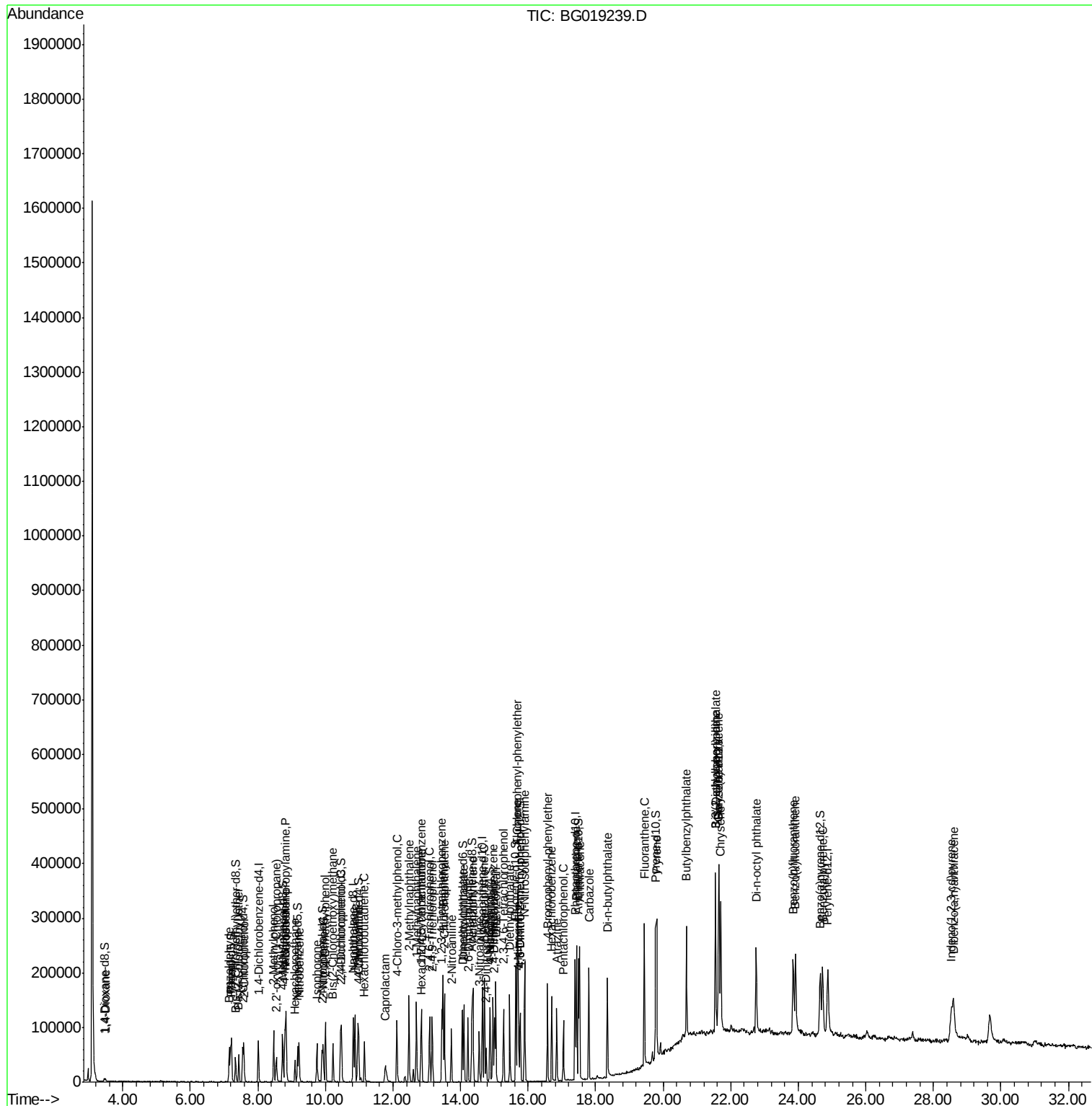
Quant Time: Oct 19 00:31:09 2015  
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Oct 19 00:27:28 2015  
 Response via : Initial Calibration

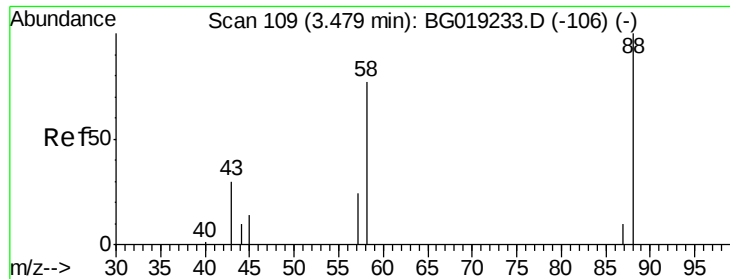
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.69 | 142  | 72533    | 18.47 | ng/ul  | 95       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 41993    | 21.97 | ng/ul# | 98       |
| 38) Hexachlorocyclopentadiene  | 12.82 | 237  | 6267     | 5.51  | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.08 | 196  | 27460    | 23.10 | ng/ul  | 98       |
| 40) 2,4,5-Trichlorophenol      | 13.16 | 196  | 30021    | 22.96 | ng/ul  | 97       |
| 41) 1,1'-Biphenyl              | 13.48 | 154  | 99843    | 21.45 | ng/ul  | 95       |
| 42) 2-Chloronaphthalene        | 13.52 | 162  | 77366    | 21.50 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.73 | 65   | 28770    | 20.43 | ng/ul  | 95       |
| 45) Dimethylphthalate          | 14.09 | 163  | 93235    | 17.75 | ng/ul  | 100      |
| 46) 2,6-Dinitrotoluene         | 14.22 | 165  | 20915    | 20.88 | ng/ul# | 84       |
| 48) Acenaphthylene             | 14.37 | 152  | 121591   | 19.56 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.55 | 138  | 19739    | 20.56 | ng/ul  | 88       |
| 50) Acenaphthene               | 14.71 | 153  | 83283    | 20.00 | ng/ul  | 98       |
| 51) 2,4-Dinitrophenol          | 14.76 | 184  | 12274    | 21.41 | ng/ul# | 81       |
| 53) 4-Nitrophenol              | 14.88 | 109  | 19089    | 18.62 | ng/ul  | 82       |
| 54) Dibenzofuran               | 15.04 | 168  | 116110   | 19.73 | ng/ul  | 92       |
| 55) 2,4-Dinitrotoluene         | 15.01 | 165  | 31586    | 19.43 | ng/ul  | 100      |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.28 | 232  | 26847    | 21.36 | ng/ul  | 92       |
| 57) Diethylphthalate           | 15.46 | 149  | 87773    | 16.10 | ng/ul  | 98       |
| 59) Fluorene                   | 15.69 | 166  | 98792    | 19.62 | ng/ul  | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.68 | 204  | 49299    | 18.99 | ng/ul  | 91       |
| 61) 4-Nitroaniline             | 15.72 | 138  | 21239    | 18.67 | ng/ul# | 78       |
| 64) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 16402    | 19.79 | ng/ul# | 90       |
| 65) N-Nitrosodiphenylamine     | 15.90 | 169  | 82660    | 22.62 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 32414    | 21.55 | ng/ul  | 91       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 33689    | 19.34 | ng/ul  | 98       |
| 68) Atrazine                   | 16.85 | 200  | 24815    | 14.12 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 17.04 | 266  | 20261    | 22.63 | ng/ul  | 94       |
| 70) Phenanthrene               | 17.43 | 178  | 146759   | 19.76 | ng/ul  | 98       |
| 72) Anthracene                 | 17.53 | 178  | 151041   | 20.02 | ng/ul  | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.45 | 216  | 41788    | 25.78 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 14.96 | 250  | 41301    | 23.27 | ng/uL  | 97       |
| 75) Carbazole                  | 17.80 | 167  | 131800   | 20.27 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.35 | 149  | 136931   | 15.99 | ng/ul# | 98       |
| 77) Fluoranthene               | 19.44 | 202  | 163390   | 17.58 | ng/ul# | 90       |
| 80) Pvrene                     | 19.81 | 202  | 166575   | 19.36 | ng/ul# | 91       |
| 81) Butylbenzylphthalate       | 20.69 | 149  | 60662    | 19.39 | ng/ul  | 97       |
| 82) 3,3'-Dichlorobenzidine     | 21.56 | 252  | 52367    | 19.78 | ng/ul  | 98       |
| 83) Benzo(a)anthracene         | 21.64 | 228  | 159112   | 19.43 | ng/ul  | 99       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 82019    | 18.97 | ng/ul# | 96       |
| 85) Chrysene                   | 21.70 | 228  | 151833   | 19.61 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.76 | 149  | 146151   | 21.12 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.85 | 252  | 143143   | 19.41 | ng/ul# | 96       |
| 89) Benzo(k)fluoranthene       | 23.92 | 252  | 147101   | 20.33 | ng/ul# | 96       |
| 91) Benzo(a)pyrene             | 24.72 | 252  | 142082   | 20.04 | ng/ul# | 97       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.53 | 276  | 149130   | 17.71 | ng/ul# | 92       |
| 93) Dibenzo(a,h)anthracene     | 28.60 | 278  | 127440   | 17.37 | ng/ul# | 93       |

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

```
Data Path : Z:\HPCHEM1\BNA G\DATA\BG101615\  
Data File : BG019239.D  
Acq On    : 17 Oct 2015    1:08  
Operator  : UM/NP  
Sample    : SSTCCCC020EC  
Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
```

Quant Time: Oct 19 00:31:09 2015  
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG101515.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Mon Oct 19 00:27:28 2015  
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 6.59 ng/uL

RT: 3.48 min Scan# 110

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

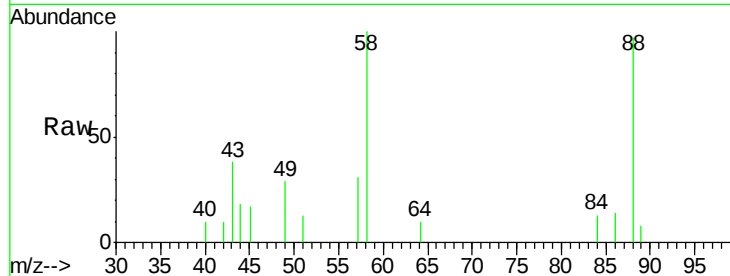
Tot Ion: 88 Resp: 2930

Ion Ratio Lower Upper

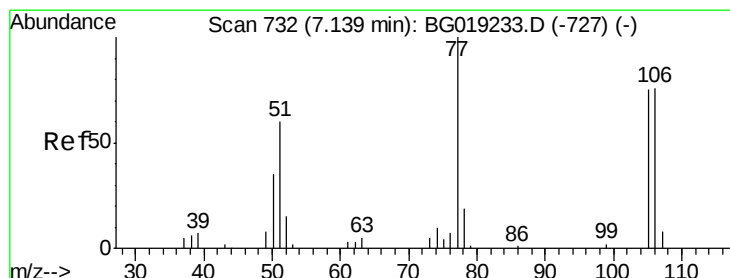
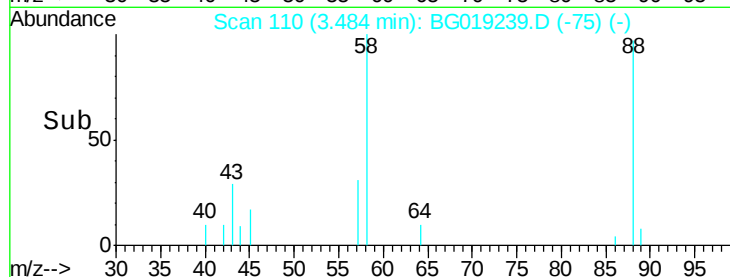
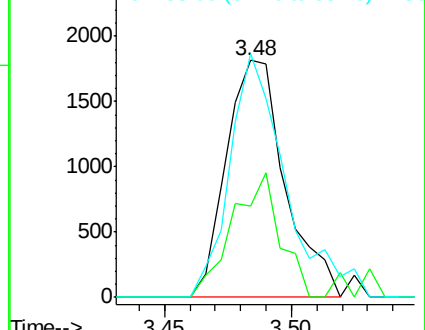
88 100

43 38.7 29.7 44.5

58 102.8 65.4 98.0#



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: 22.05 ng/uL

RT: 7.15 min Scan# 734

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

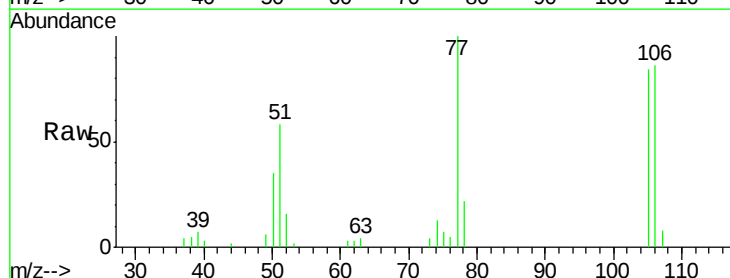
Tgt Ion: 77 Resp: 23500

Ion Ratio Lower Upper

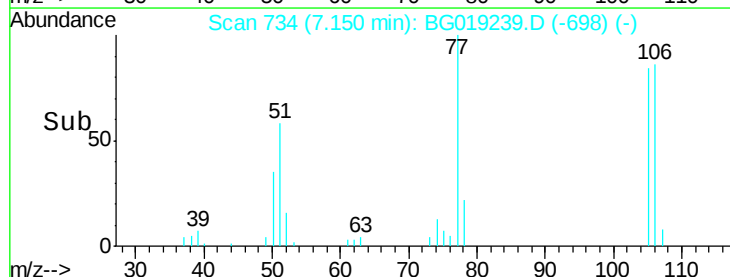
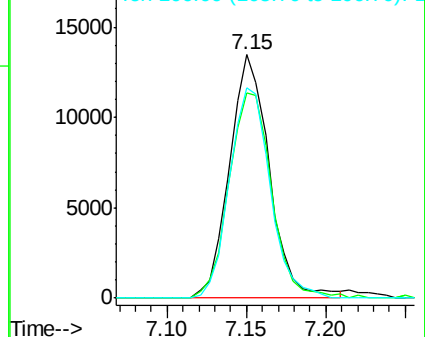
77 100

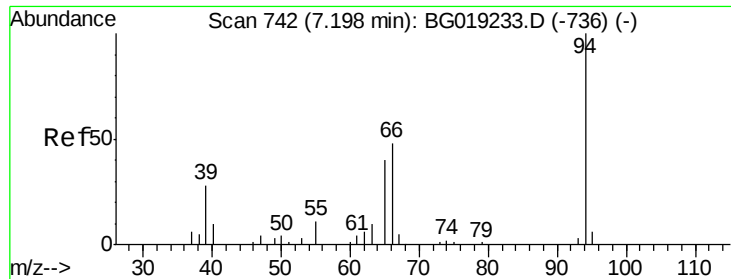
105 84.5 75.6 113.4

106 86.2 75.8 113.6



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





#6

Phenol

Concen: 20.20 ng/ul

RT: 7.22 min Scan# 746

Delta R.T. 0.02 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

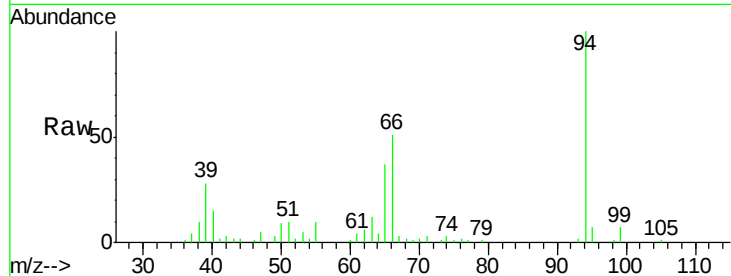
Tot Ion: 94 Resp: 38567

Ion Ratio Lower Upper

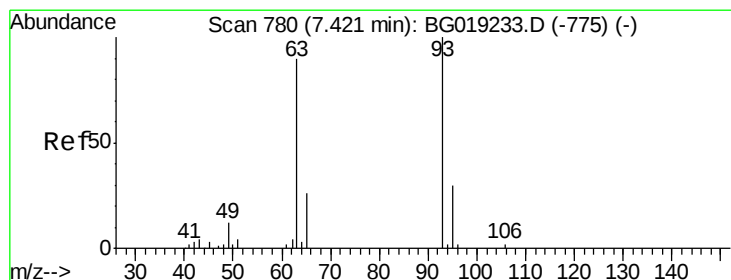
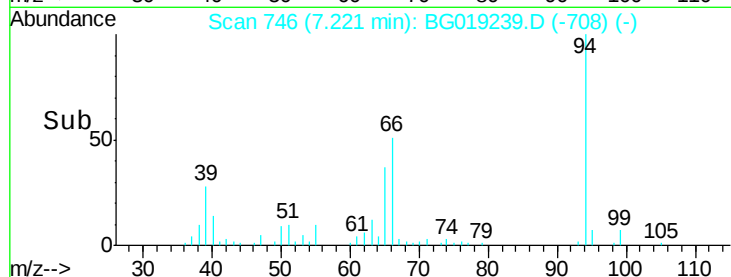
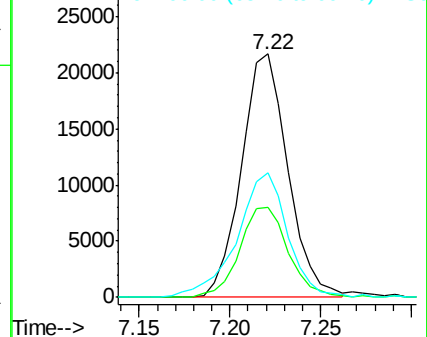
94 100

65 36.8 24.9 37.3

66 51.1 29.1 43.7#



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



#8

Bis(2-Chloroethyl)ether

Concen: 19.60 ng/ul

RT: 7.43 min Scan# 782

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

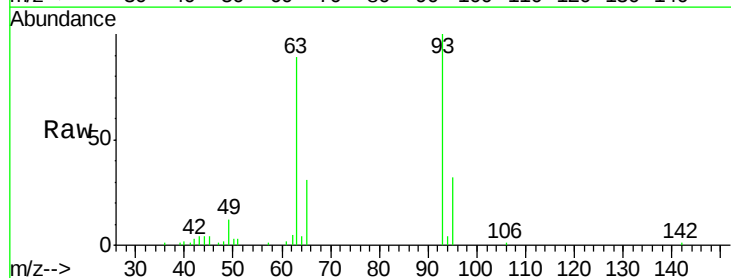
Tgt Ion: 93 Resp: 26538

Ion Ratio Lower Upper

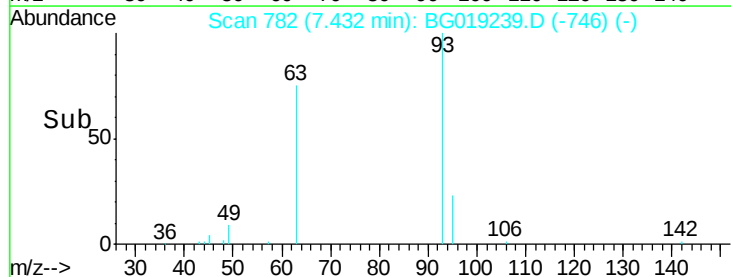
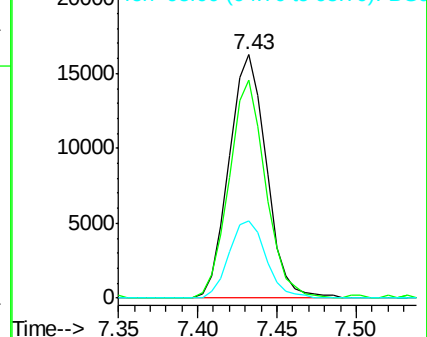
93 100

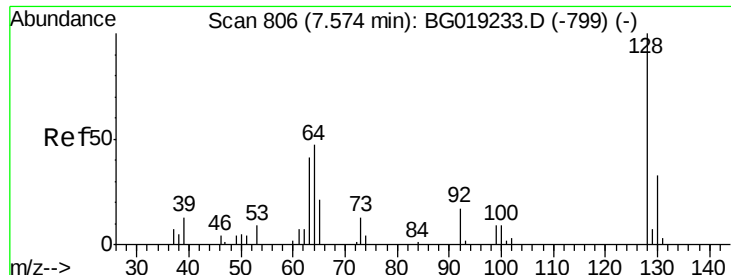
63 89.4 73.2 109.8

95 31.7 27.0 40.6



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

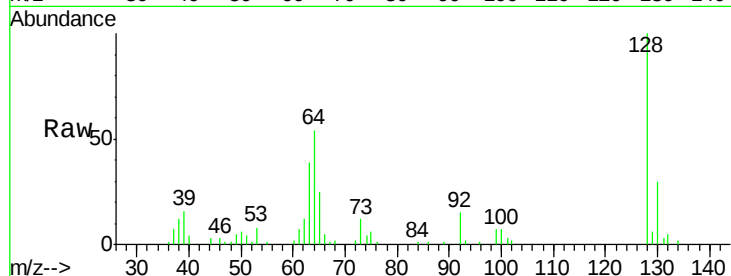




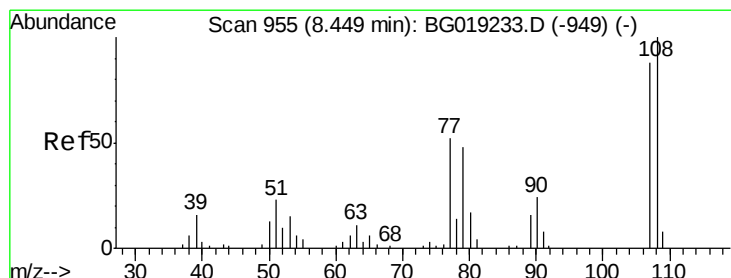
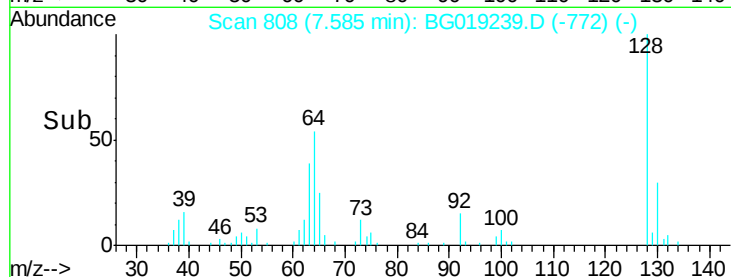
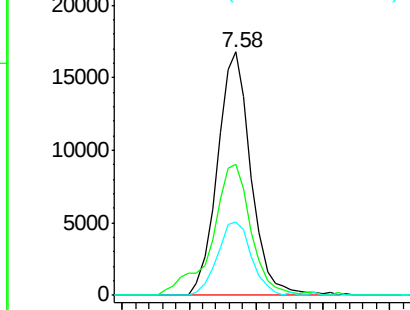
#10  
2-Chlorophenol  
Concen: 21.49 ng/ul  
RT: 7.58 min Scan# 808  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

Tot Ion:128 Resp: 29495  
Ion Ratio Lower Upper  
128 100  
64 53.9 43.3 64.9  
130 30.2 26.5 39.7

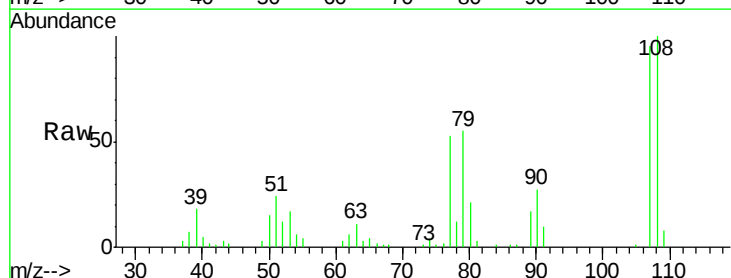


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

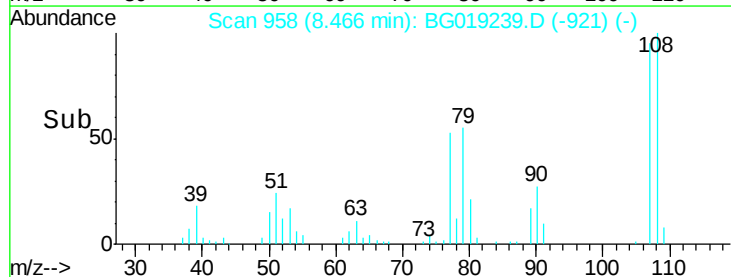
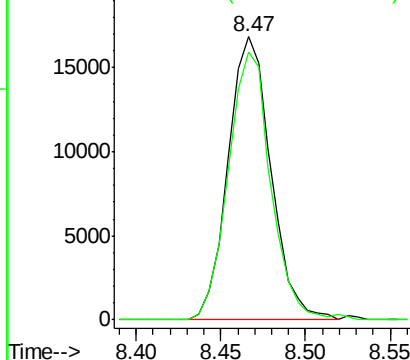


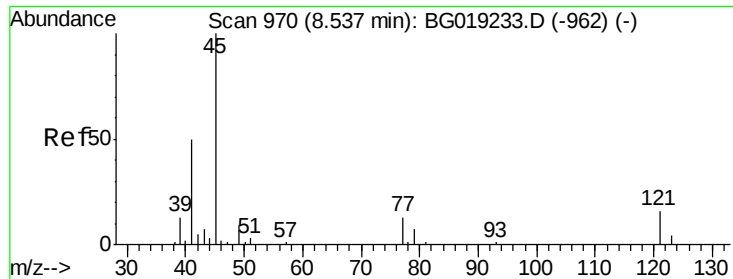
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2-Methylphenol  
Concen: 19.83 ng/ul  
RT: 8.47 min Scan# 958  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:108 Resp: 29710  
Ion Ratio Lower Upper  
108 100  
107 94.8 76.7 115.1



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

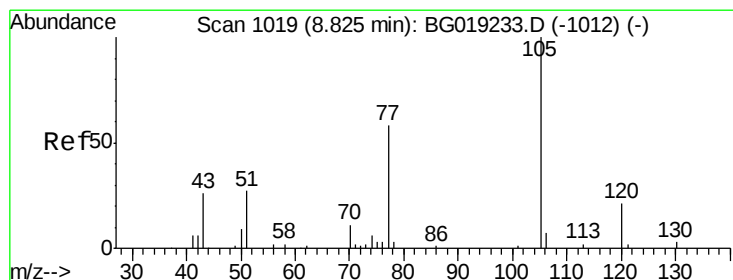
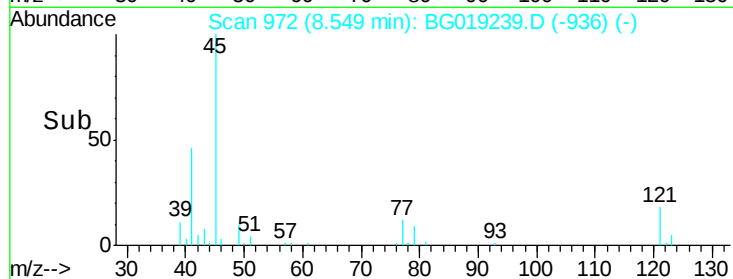
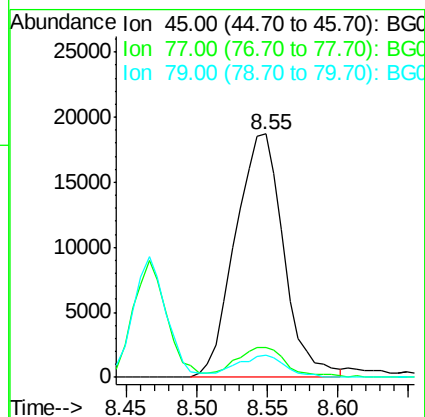
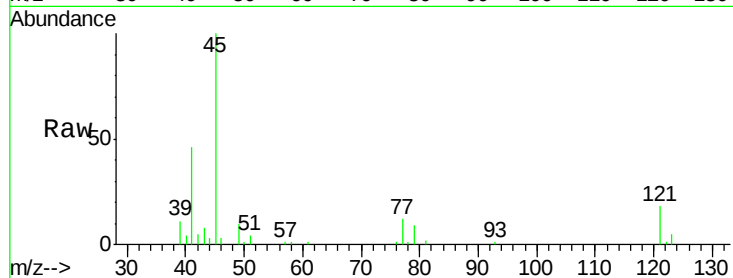




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 14.89 ng/ul  
RT: 8.55 min Scan# 972  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

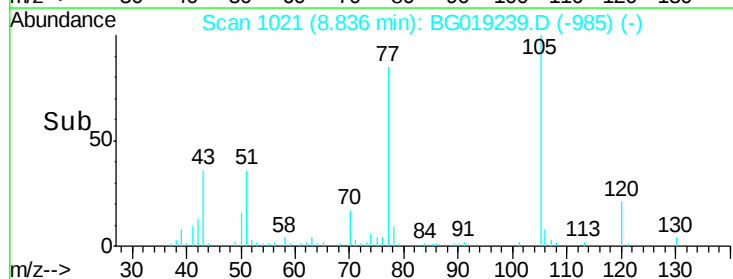
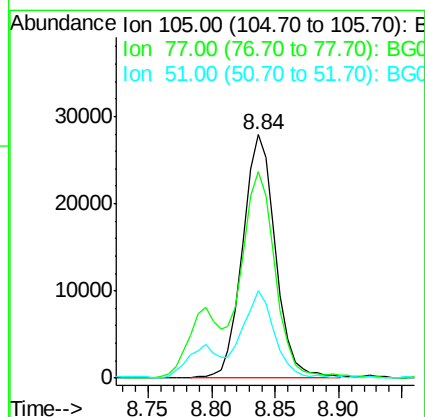
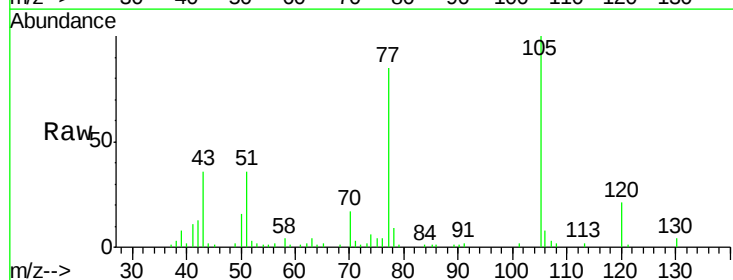
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

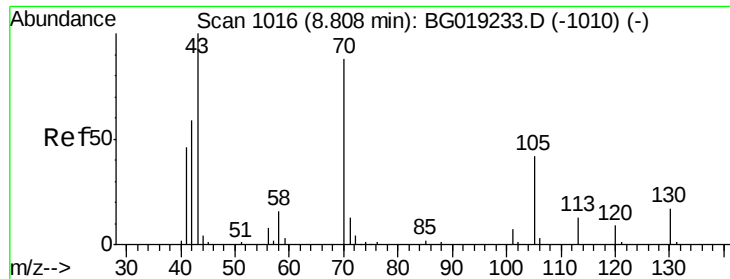
Tot Ion: 45 Resp: 44947  
Ion Ratio Lower Upper  
45 100  
77 12.3 8.2 12.2#  
79 9.1 7.4 11.0



#14  
Acetophenone  
Concen: 19.19 ng/ul  
RT: 8.84 min Scan# 1021  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 105 Resp: 50322  
Ion Ratio Lower Upper  
105 100  
77 85.0 63.8 95.6  
51 36.1 26.1 39.1

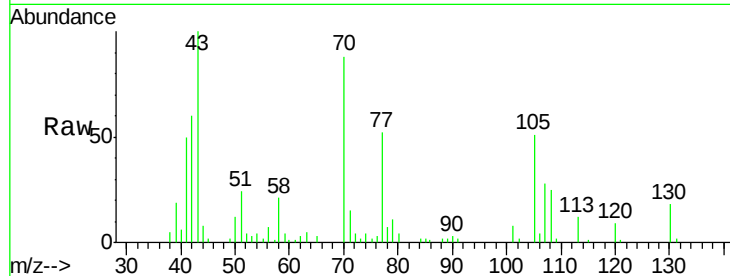




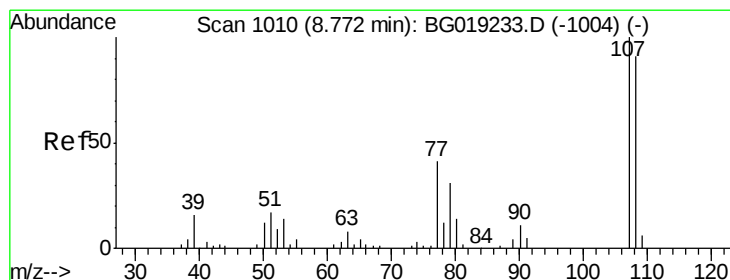
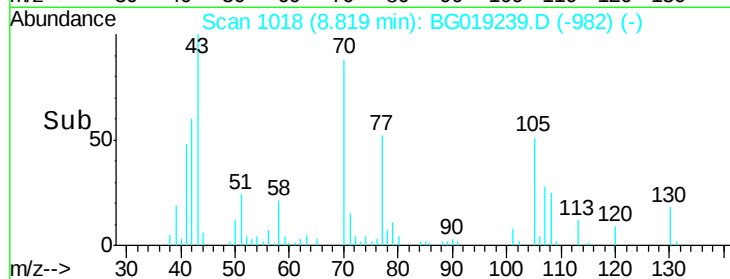
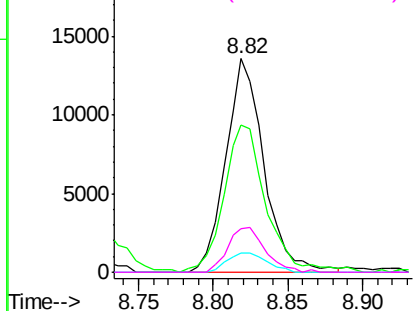
#15  
N-Nitroso-di-n-propylamine  
Concen: 18.08 ng/ul  
RT: 8.82 min Scan# 1018  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

Tot Ion: 70 Resp: 24216  
Ion Ratio Lower Upper  
70 100  
42 68.7 53.6 80.4  
101 9.2 7.9 11.9  
130 20.3 16.5 24.7

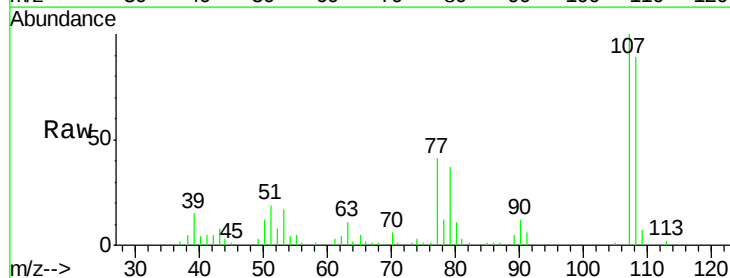


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

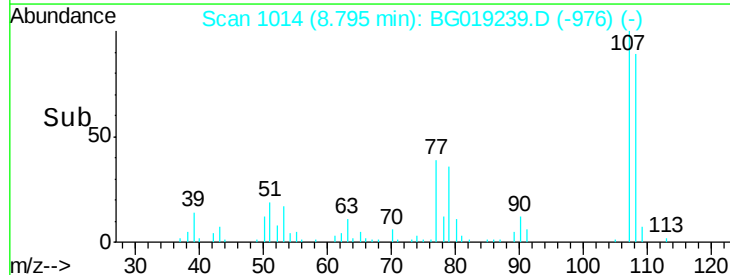
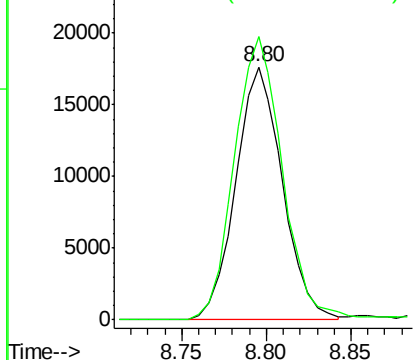


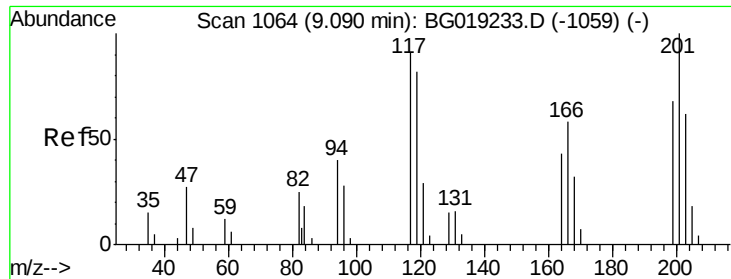
#16  
4-Methylphenol  
Concen: 20.14 ng/ul  
RT: 8.80 min Scan# 1014  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 108 Resp: 33858  
Ion Ratio Lower Upper  
108 100  
107 112.0 86.6 130.0



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

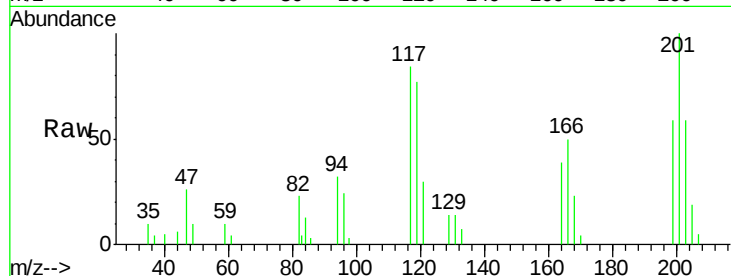




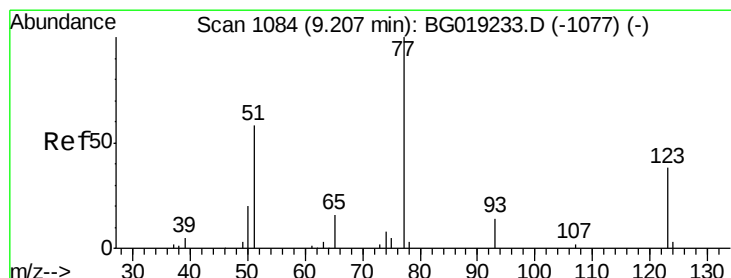
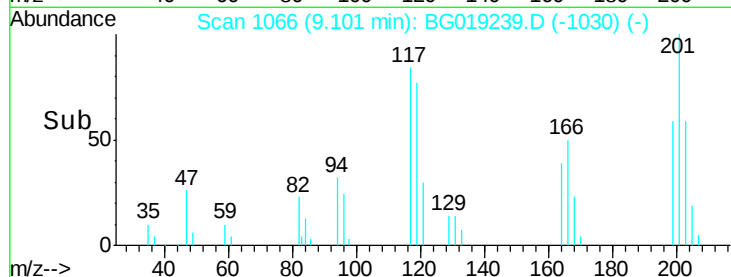
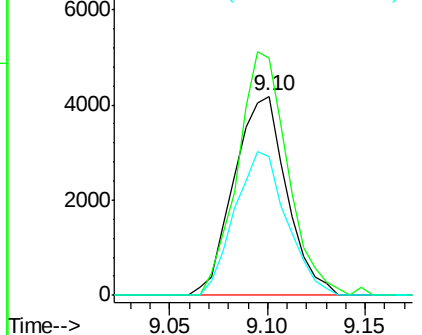
#17  
Hexachloroethane  
Concen: 13.23 ng/ul  
RT: 9.10 min Scan# 1066  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

Tot Ion: 117 Resp: 7812  
Ion Ratio Lower Upper  
117 100  
201 119.1 91.4 137.0  
199 69.7 58.7 88.1

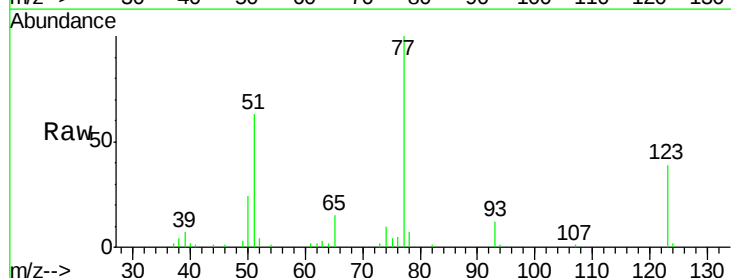


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

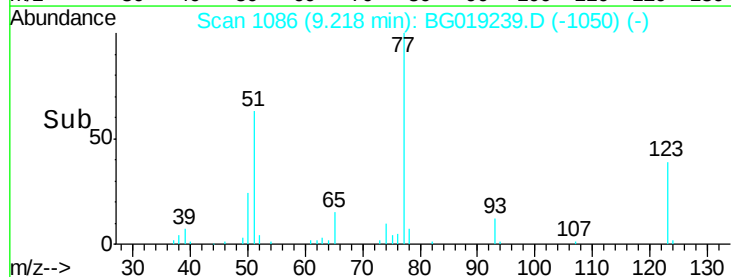
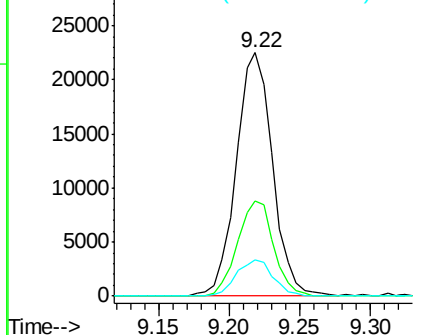


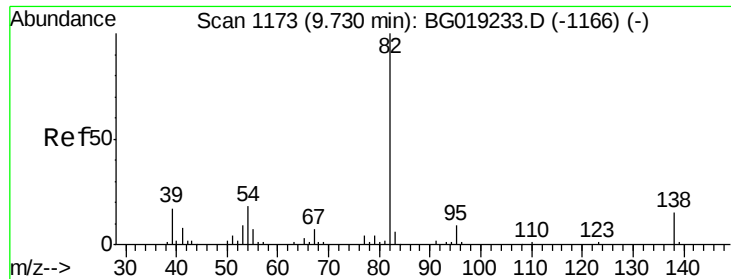
#20  
Nitrobenzene  
Concen: 19.81 ng/ul  
RT: 9.22 min Scan# 1086  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 77 Resp: 40499  
Ion Ratio Lower Upper  
77 100  
123 39.2 32.6 48.8  
65 14.8 10.6 15.8



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

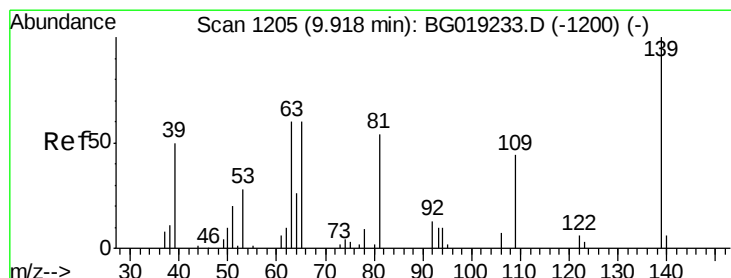
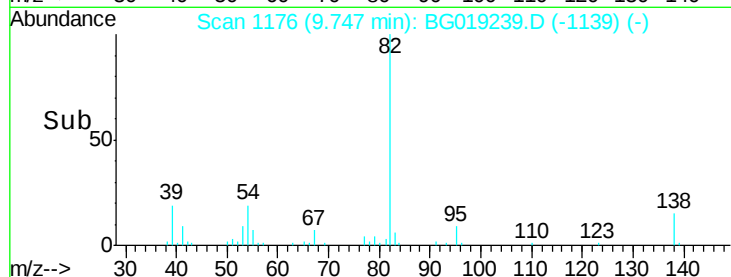
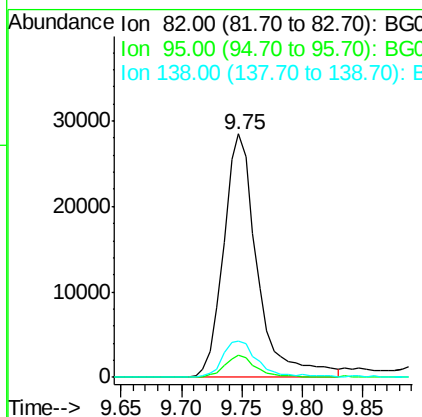
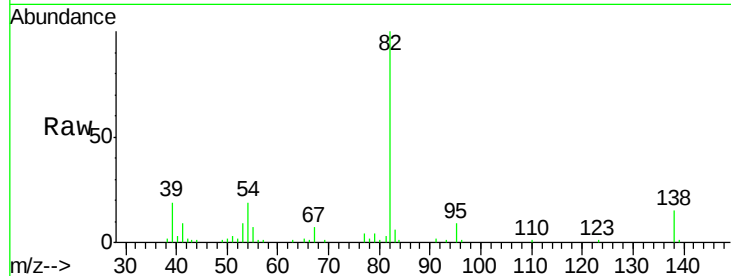




#21  
Isophorone  
Concen: 13.89 ng/ul  
RT: 9.75 min Scan# 1176  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

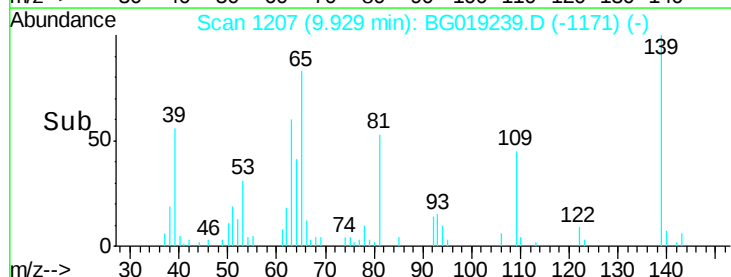
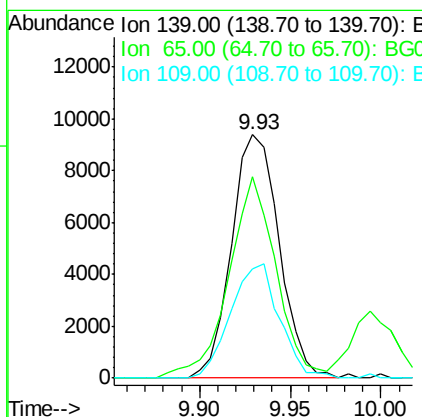
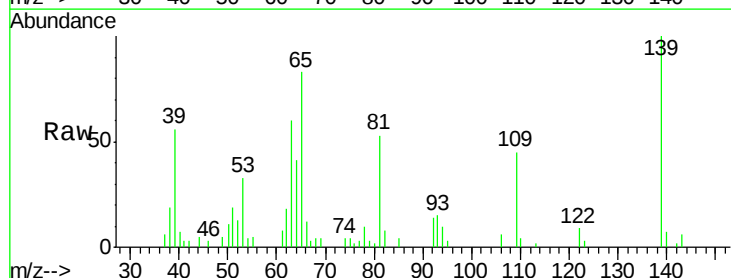
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

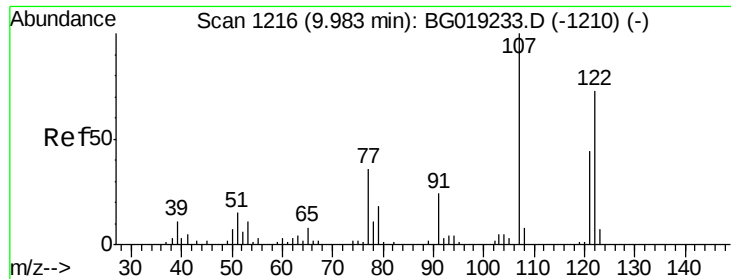
Tot Ion: 82 Resp: 55340  
Ion Ratio Lower Upper  
82 100  
95 9.3 5.1 7.7#  
138 15.1 12.2 18.2



#23  
2-Nitrophenol  
Concen: 20.45 ng/ul  
RT: 9.93 min Scan# 1207  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 139 Resp: 17200  
Ion Ratio Lower Upper  
139 100  
65 82.6 45.6 68.4#  
109 45.0 24.7 37.1#

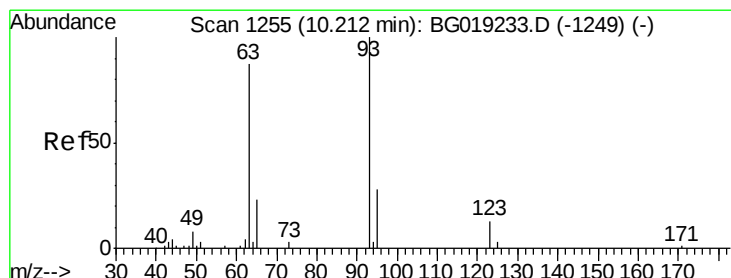
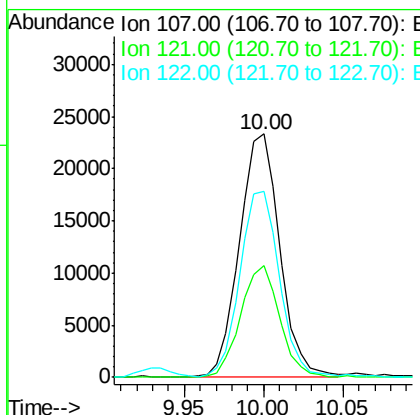
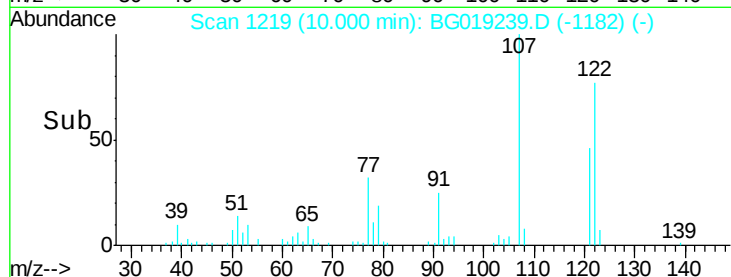
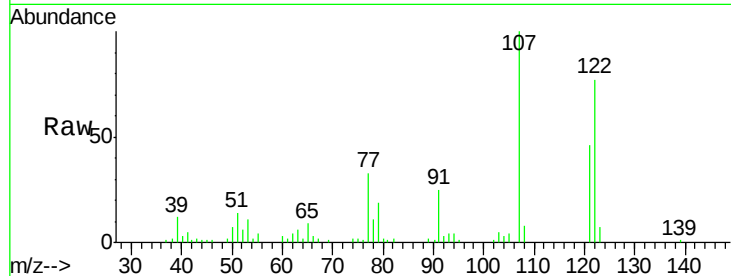




#24  
2,4-Dimethylphenol  
Concen: 20.31 ng/ul  
RT: 10.00 min Scan# 1219  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

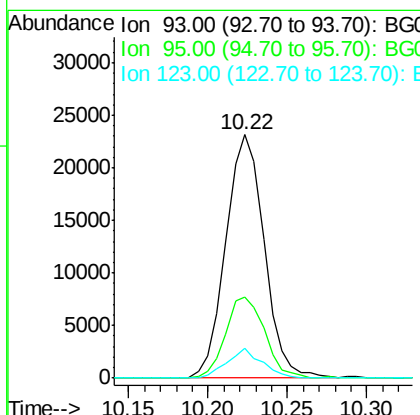
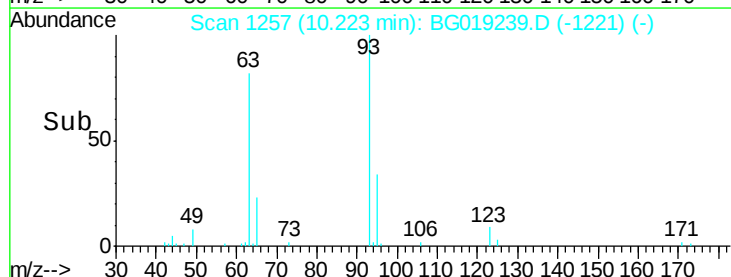
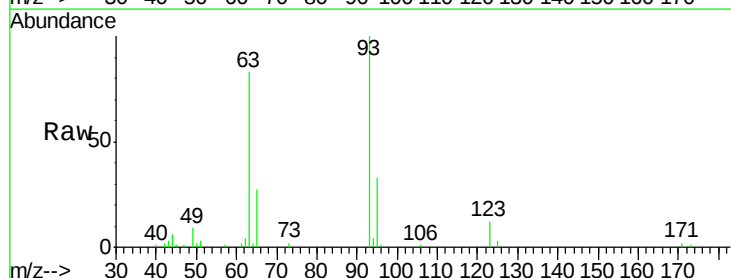
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

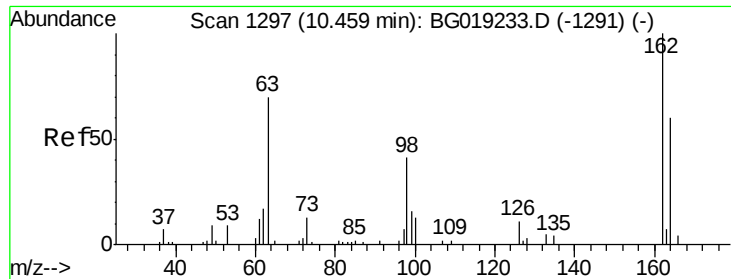
Tot Ion:107 Resp: 41371  
Ion Ratio Lower Upper  
107 100  
121 45.9 37.2 55.8  
122 76.5 67.6 101.4



#25  
Bis(2-Chloroethoxy)methane  
Concen: 18.90 ng/ul  
RT: 10.22 min Scan# 1257  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 93 Resp: 38896  
Ion Ratio Lower Upper  
93 100  
95 33.5 25.4 38.0  
123 12.3 8.0 12.0#

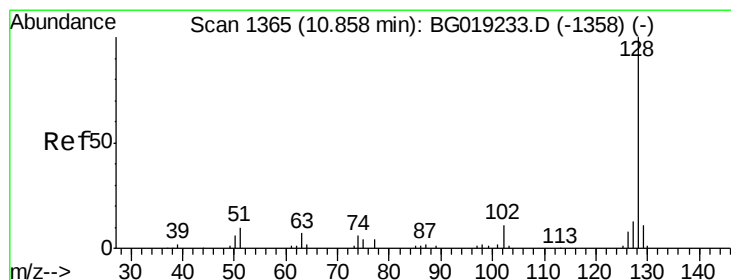
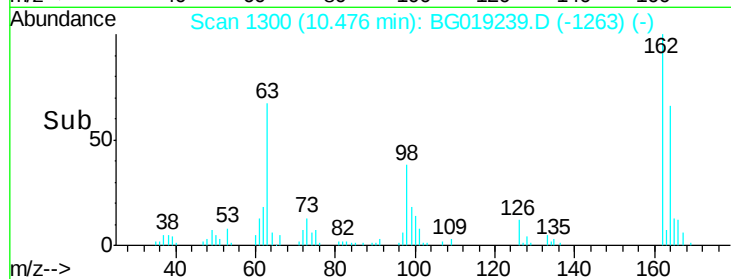
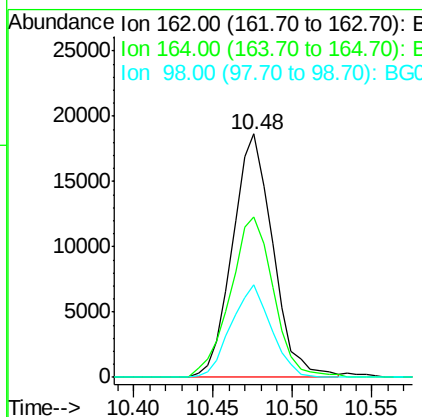
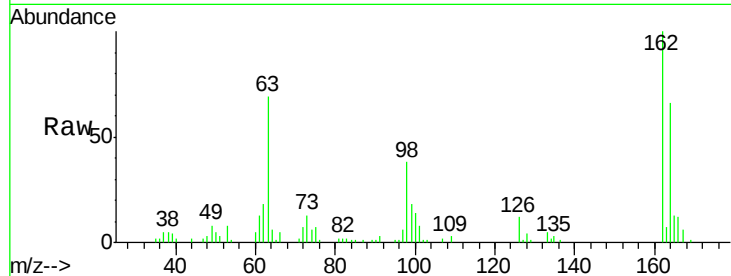




#27  
 2,4-Dichlorophenol  
 Concen: 20.85 ng/ul  
 RT: 10.48 min Scan# 1300  
 Delta R.T. 0.02 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

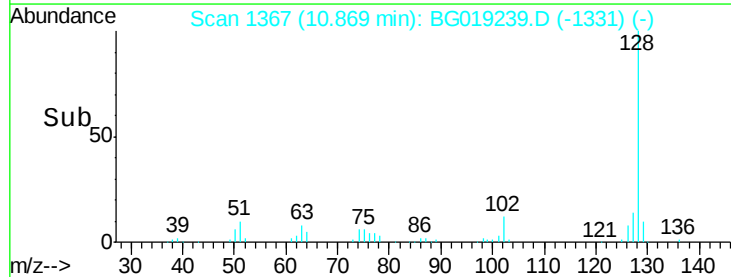
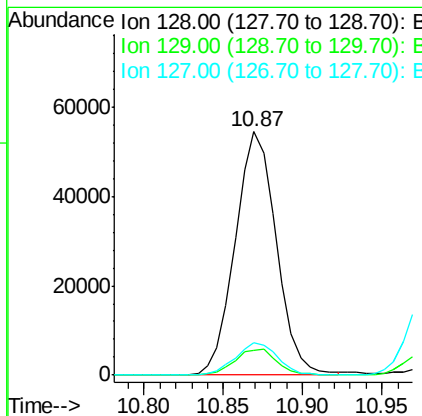
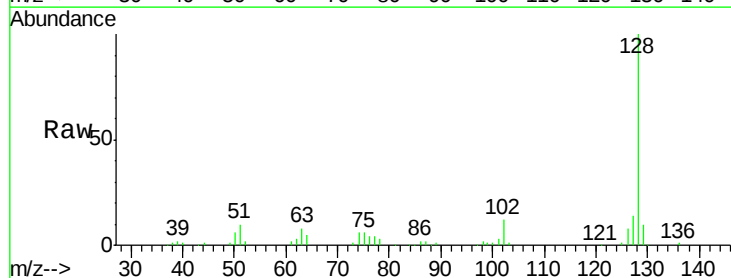
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

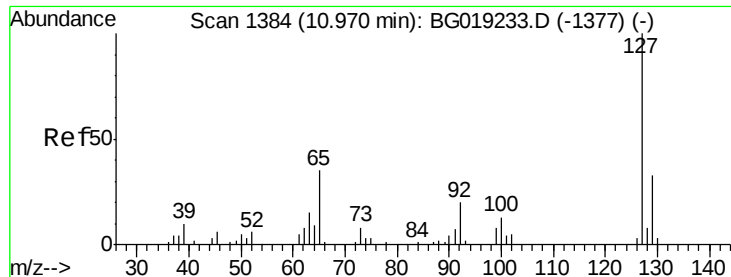
Tot Ion:162 Resp: 33010  
 Ion Ratio Lower Upper  
 162 100  
 164 65.9 50.0 75.0  
 98 38.1 29.0 43.6



#28  
 Naphthalene  
 Concen: 19.45 ng/ul  
 RT: 10.87 min Scan# 1367  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:128 Resp: 98381  
 Ion Ratio Lower Upper  
 128 100  
 129 10.4 9.6 14.4  
 127 13.5 11.3 16.9

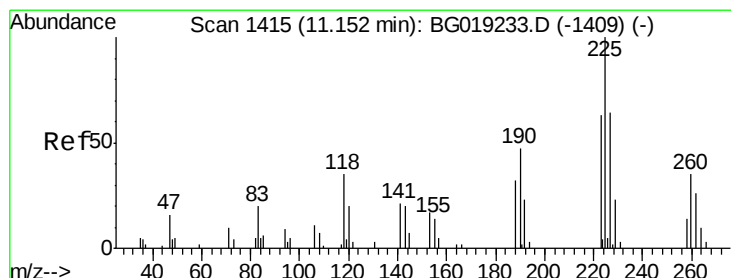
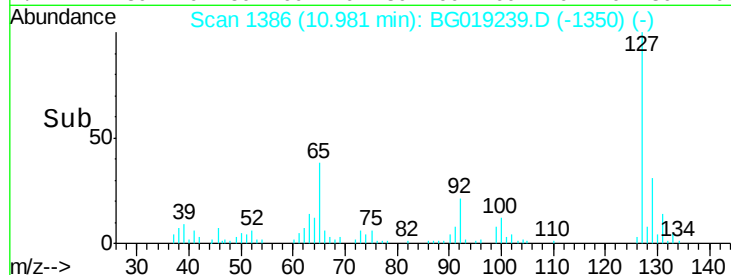
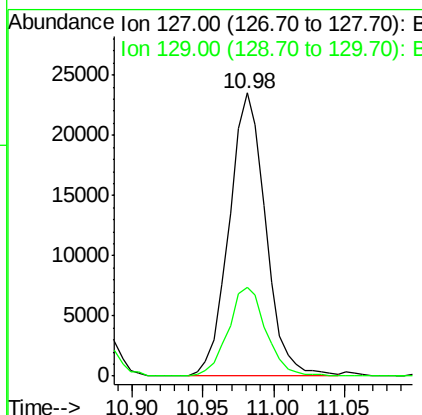
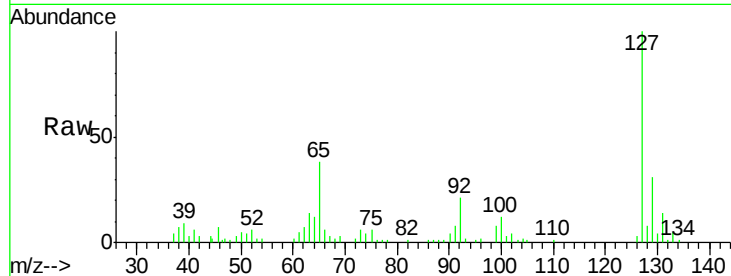




#30  
4-Chloroaniline  
Concen: 20.45 ng/ul  
RT: 10.98 min Scan# 1386  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

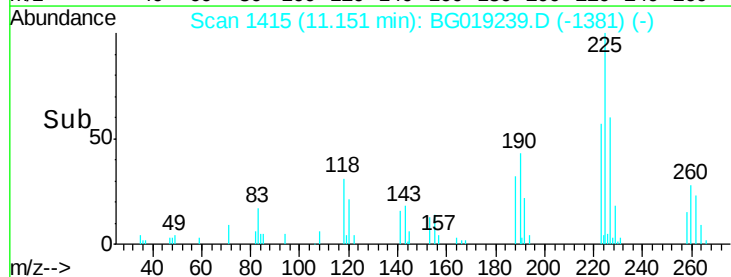
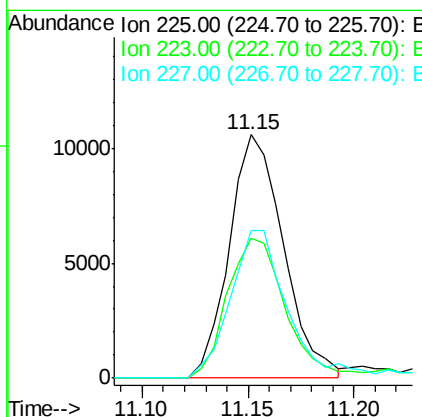
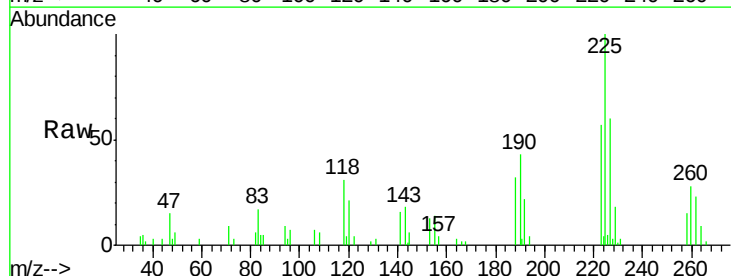
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

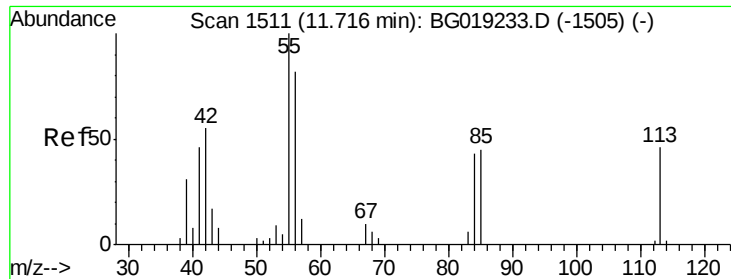
Tot Ion:127 Resp: 42542  
Ion Ratio Lower Upper  
127 100  
129 31.2 24.3 36.5



#31  
Hexachlorobutadiene  
Concen: 16.29 ng/ul  
RT: 11.15 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:225 Resp: 18828  
Ion Ratio Lower Upper  
225 100  
223 57.5 52.6 79.0  
227 60.5 54.0 81.0





#32

Caprolactam

Concen: 14.17 ng/ul

RT: 11.77 min Scan# 1521

Delta R.T. 0.06 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

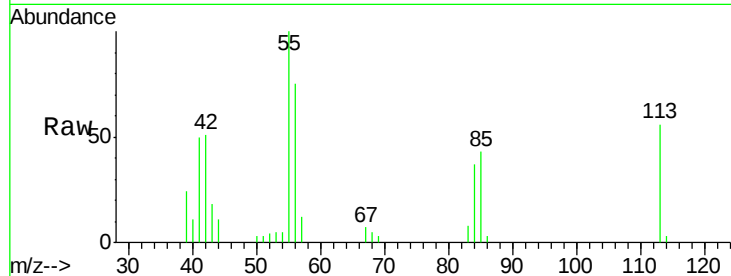
Tot Ion:113 Resp: 8306

Ion Ratio Lower Upper

113 100

55 179.1 169.3 253.9

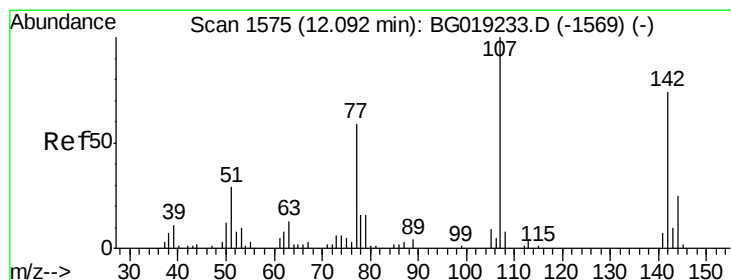
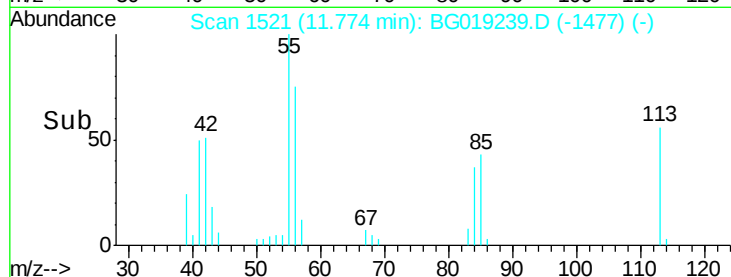
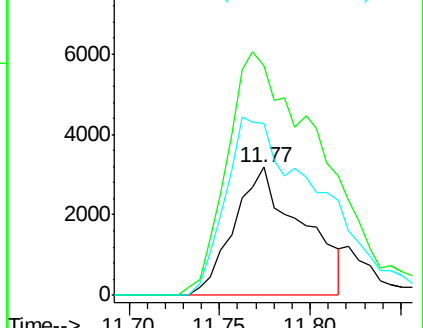
56 134.5 125.8 188.8



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: 19.68 ng/ul

RT: 12.11 min Scan# 1579

Delta R.T. 0.02 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

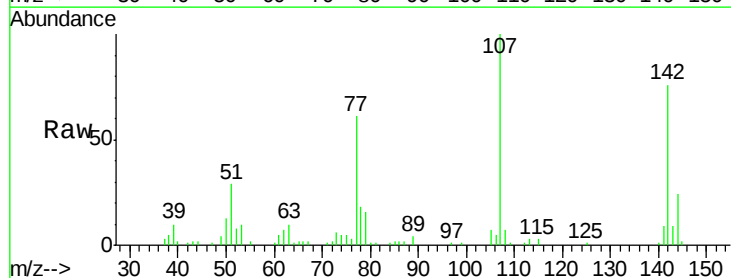
Tgt Ion:107 Resp: 39237

Ion Ratio Lower Upper

107 100

144 23.6 20.9 31.3

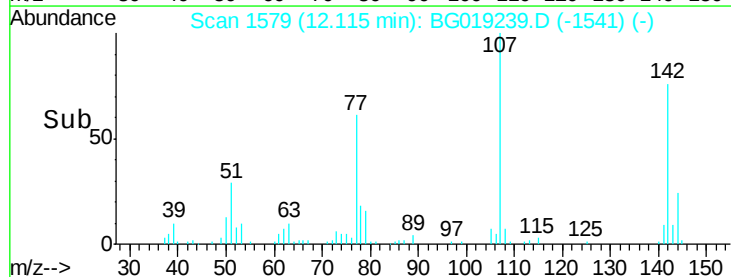
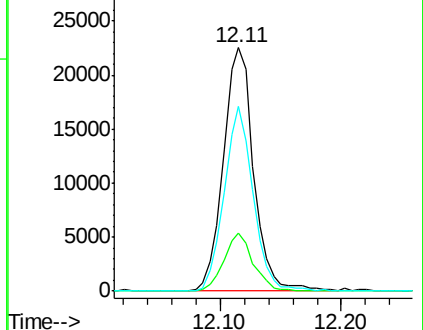
142 75.8 65.6 98.4

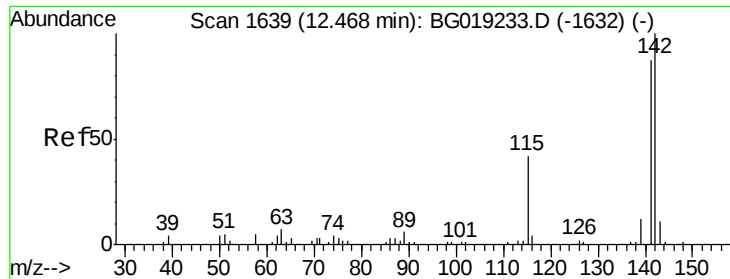


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

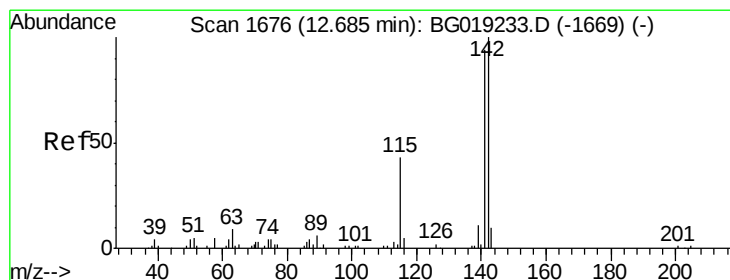
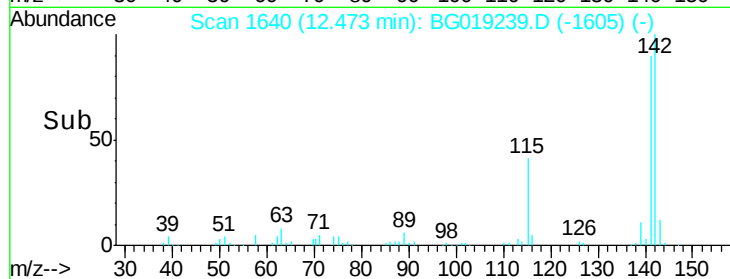
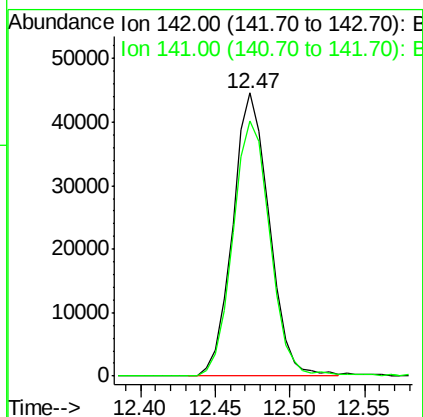
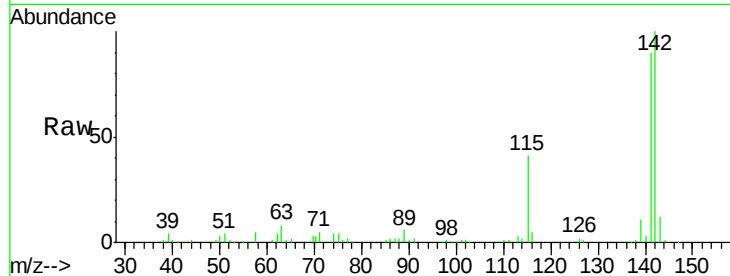




#34  
 2-Methylnaphthalene  
 Concen: 18.95 ng/ul  
 RT: 12.47 min Scan# 1640  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

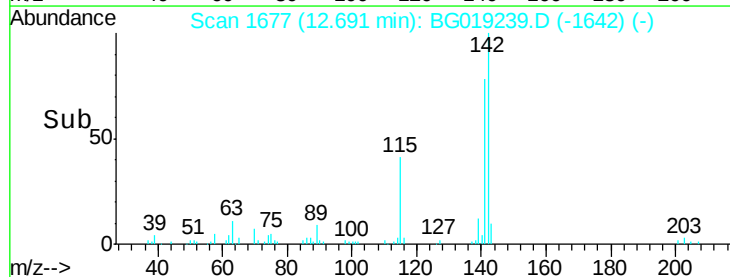
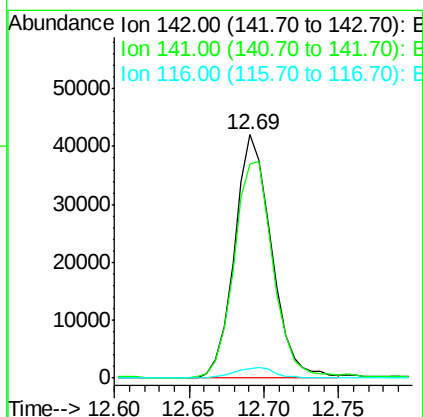
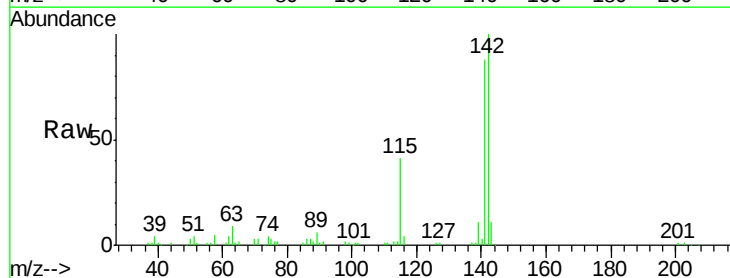
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

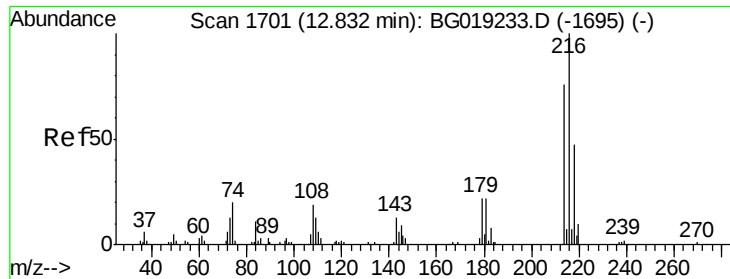
Tot Ion:142 Resp: 75993  
 Ion Ratio Lower Upper  
 142 100  
 141 90.1 73.4 110.0



#35  
 1-Methylnaphthalene  
 Concen: 18.47 ng/ul  
 RT: 12.69 min Scan# 1677  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:142 Resp: 72533  
 Ion Ratio Lower Upper  
 142 100  
 141 88.1 74.8 112.2  
 116 4.0 3.2 4.8

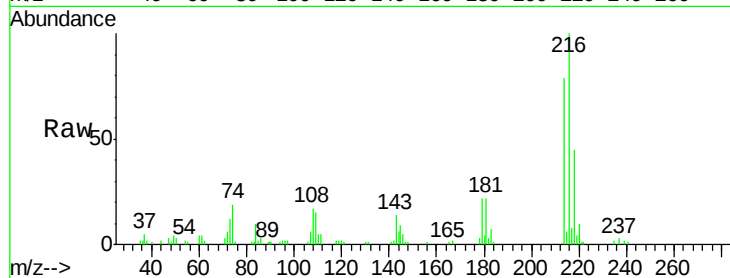




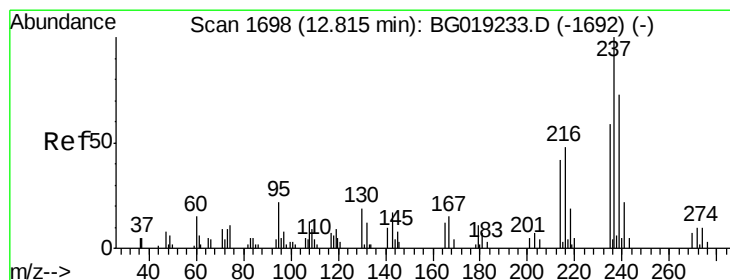
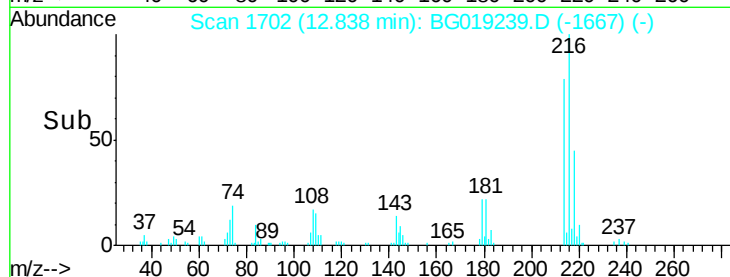
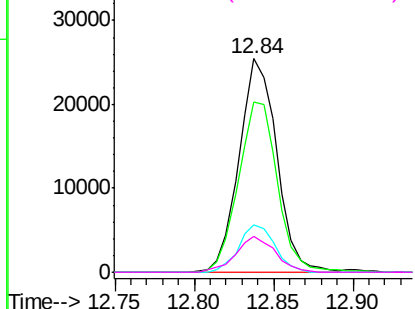
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.97 ng/ul  
 RT: 12.84 min Scan# 1702  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02014

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 216   | Resp: | 41993 |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 79.4  | 62.6  | 94.0  |
| 179      | 22.0  | 14.6  | 22.0# |
| 108      | 16.7  | 12.9  | 19.3  |

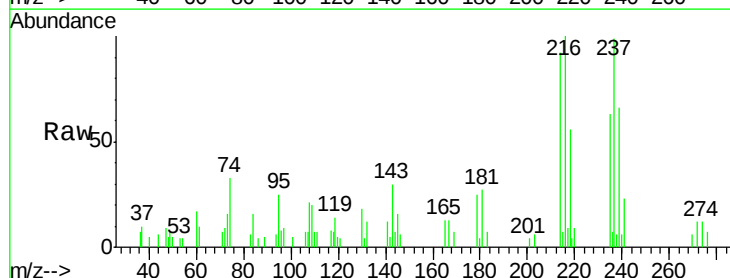


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

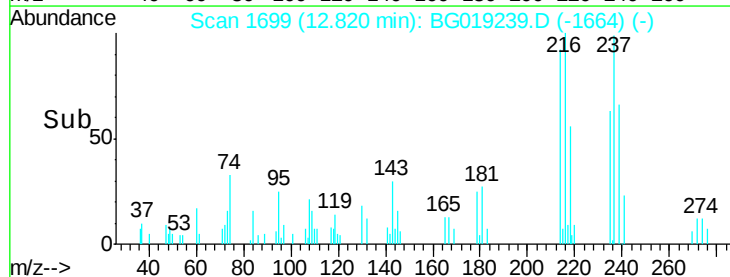
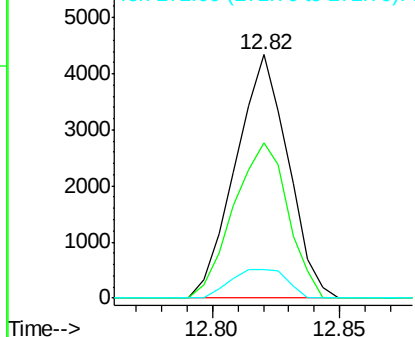


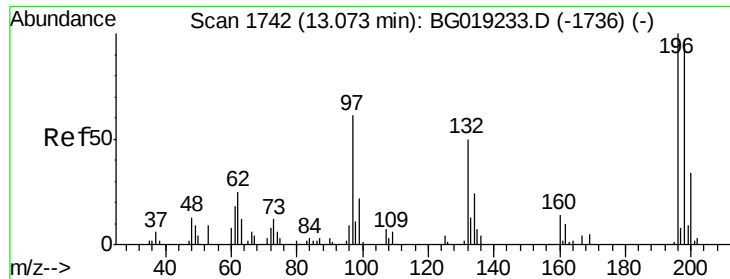
#38  
 Hexachlorocyclopentadiene  
 Concen: 5.51 ng/ul  
 RT: 12.82 min Scan# 1699  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 6267  |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 63.6  | 51.7  | 77.5  |
| 272      | 12.0  | 10.2  | 15.2  |



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

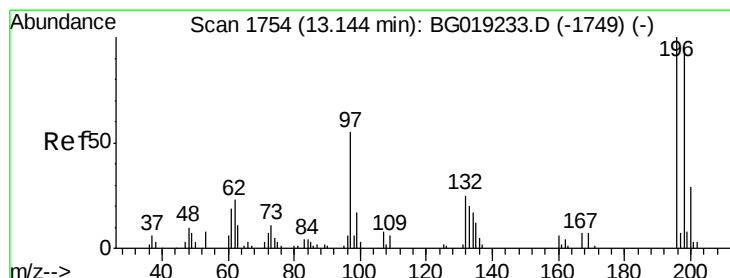
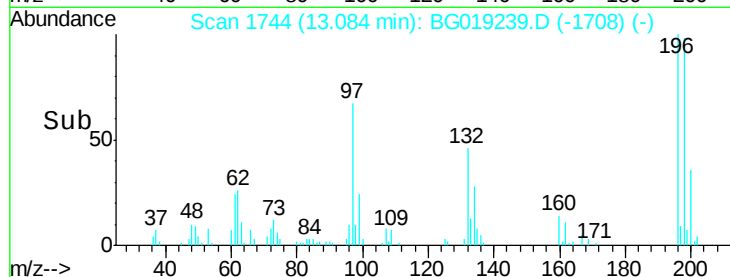
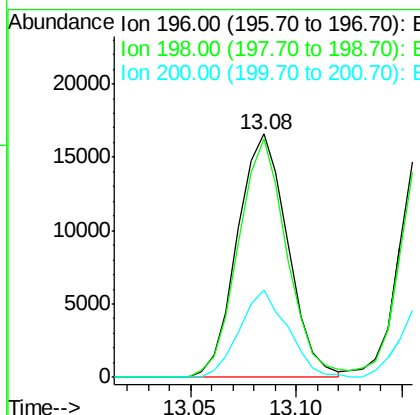
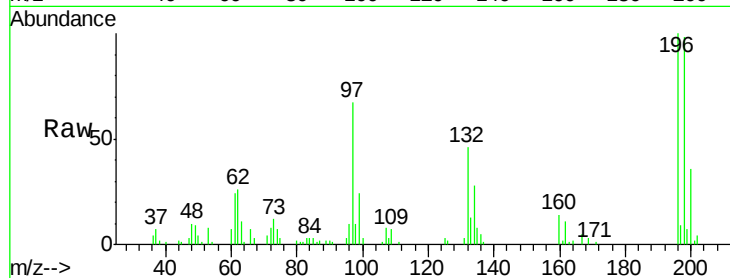




#39  
 2,4,6-Trichlorophenol  
 Concen: 23.10 ng/ul  
 RT: 13.08 min Scan# 1744  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

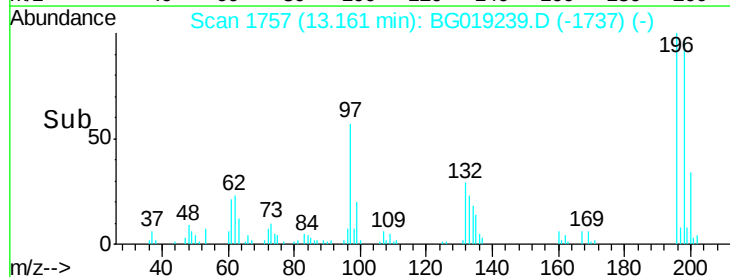
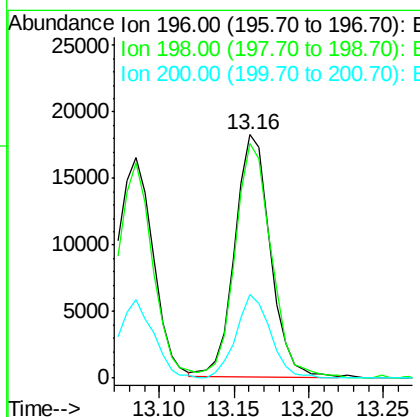
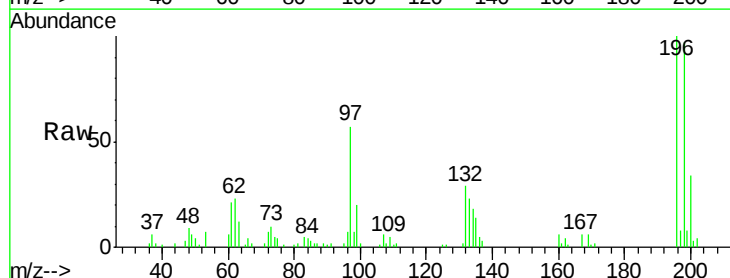
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

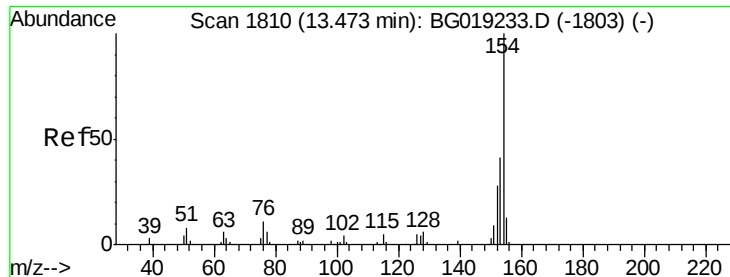
Tot Ion:196 Resp: 27460  
 Ion Ratio Lower Upper  
 196 100  
 198 97.8 79.0 118.6  
 200 35.8 25.8 38.6



#40  
 2,4,5-Trichlorophenol  
 Concen: 22.96 ng/ul  
 RT: 13.16 min Scan# 1757  
 Delta R.T. 0.02 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:196 Resp: 30021  
 Ion Ratio Lower Upper  
 196 100  
 198 96.6 73.9 110.9  
 200 34.3 27.1 40.7

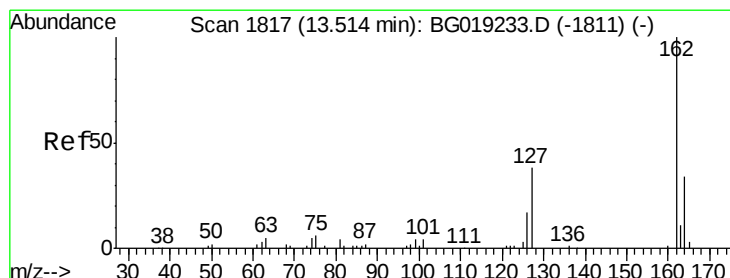
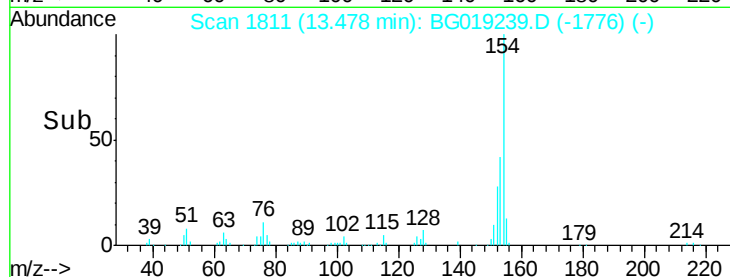
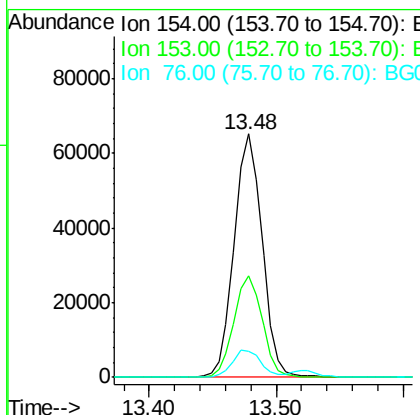
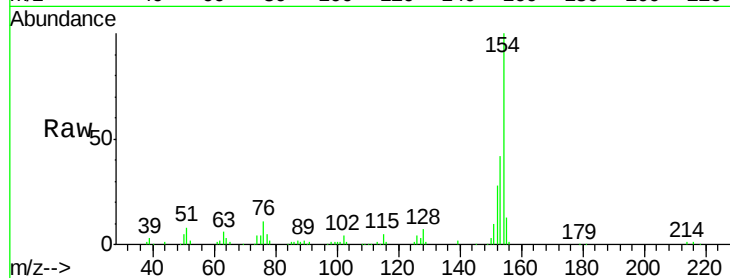




#41  
 1,1'-Biphenyl  
 Concen: 21.45 ng/ul  
 RT: 13.48 min Scan# 1811  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

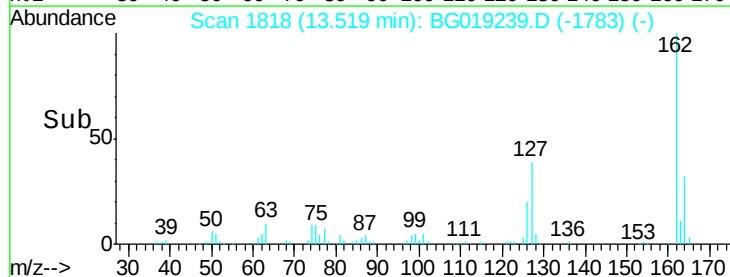
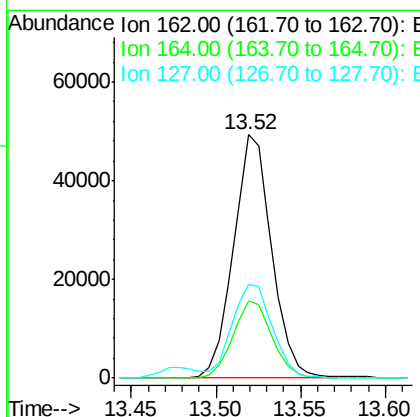
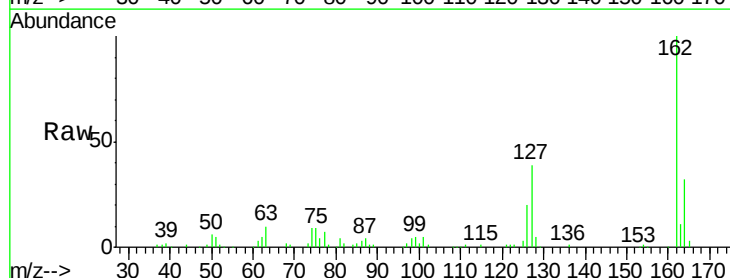
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

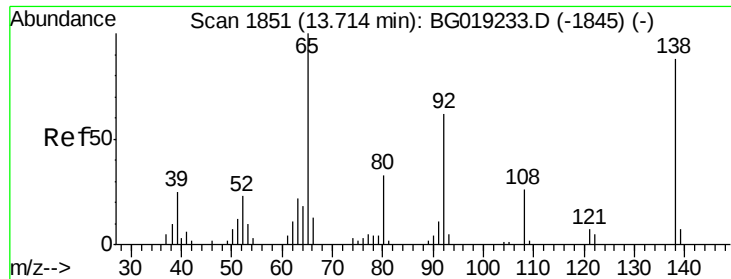
Tot Ion:154 Resp: 99843  
 Ion Ratio Lower Upper  
 154 100  
 153 41.8 31.4 47.0  
 76 10.8 10.8 16.2



#42  
 2-Chloronaphthalene  
 Concen: 21.50 ng/ul  
 RT: 13.52 min Scan# 1818  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:162 Resp: 77366  
 Ion Ratio Lower Upper  
 162 100  
 164 31.5 25.8 38.8  
 127 38.7 29.0 43.4

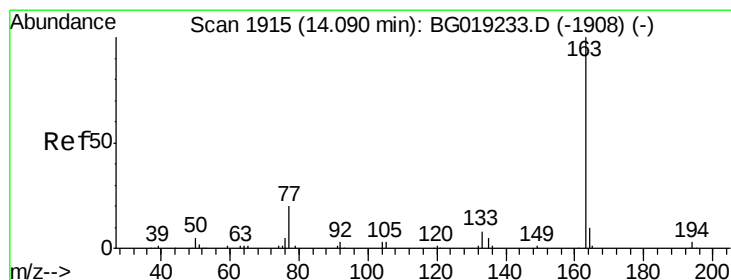
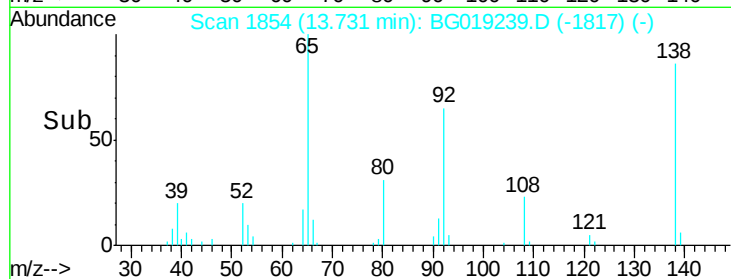
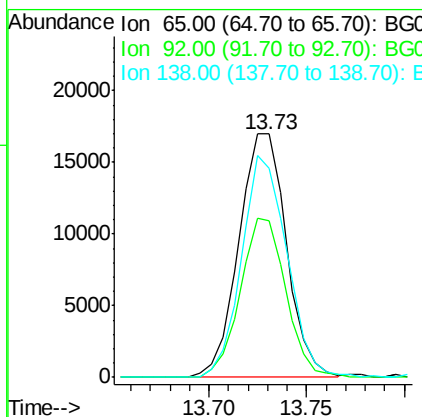
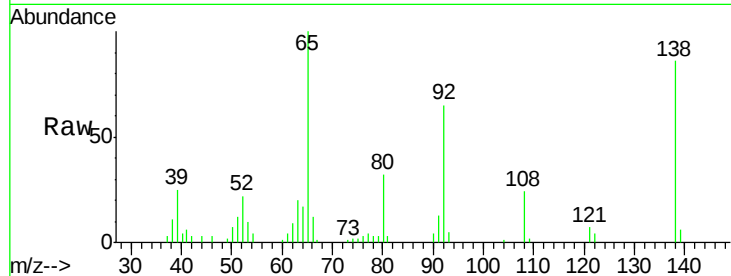




#43  
2-Nitroaniline  
Concen: 20.43 ng/ul  
RT: 13.73 min Scan# 1854  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

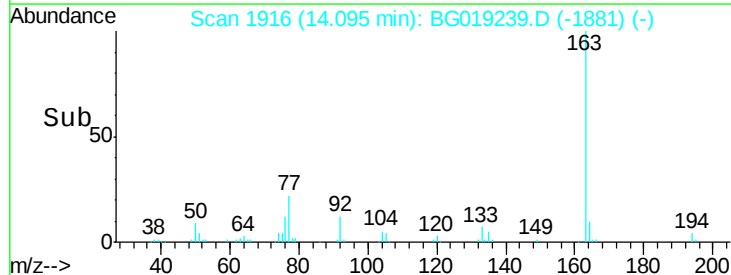
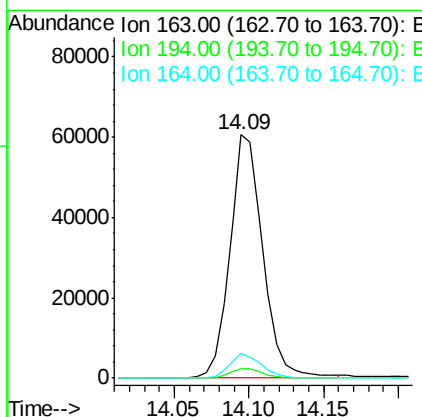
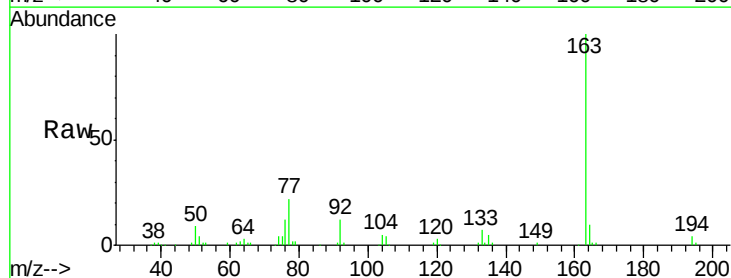
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

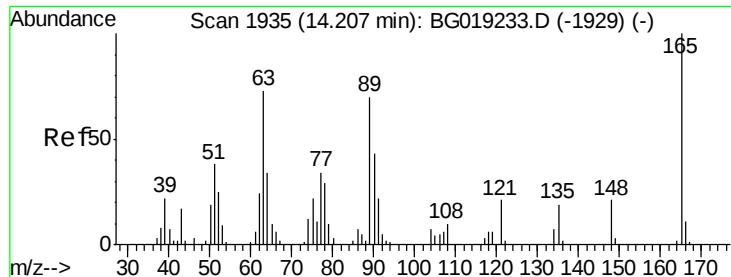
Tot Ion: 65 Resp: 28770  
Ion Ratio Lower Upper  
65 100  
92 64.5 50.7 76.1  
138 86.1 74.9 112.3



#45  
Dimethylphthalate  
Concen: 17.75 ng/ul  
RT: 14.09 min Scan# 1916  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion: 163 Resp: 93235  
Ion Ratio Lower Upper  
163 100  
194 4.1 3.3 4.9  
164 9.9 8.1 12.1

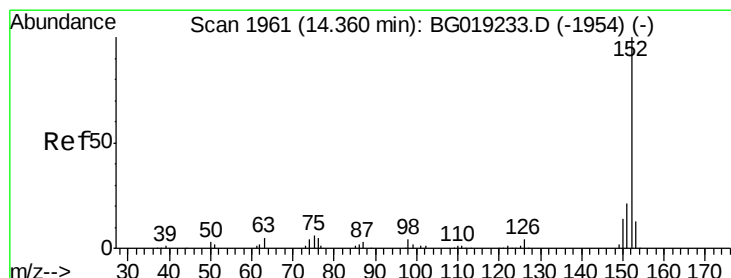
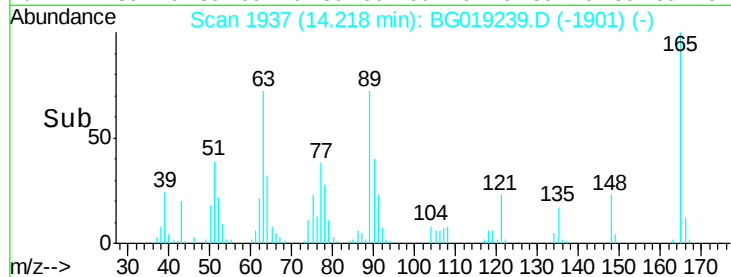
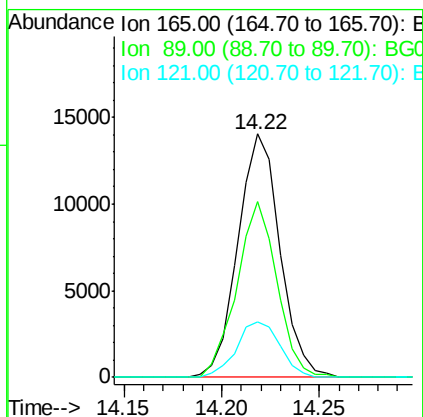
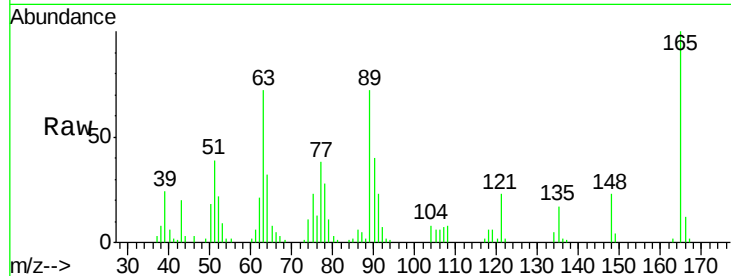




#46  
2,6-Dinitrotoluene  
Concen: 20.88 ng/ul  
RT: 14.22 min Scan# 1937  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

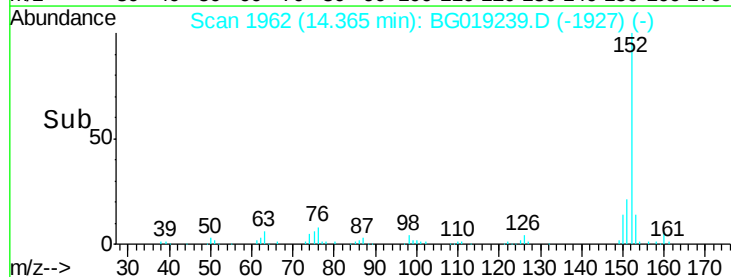
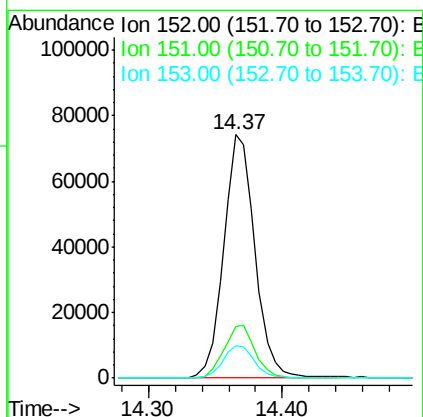
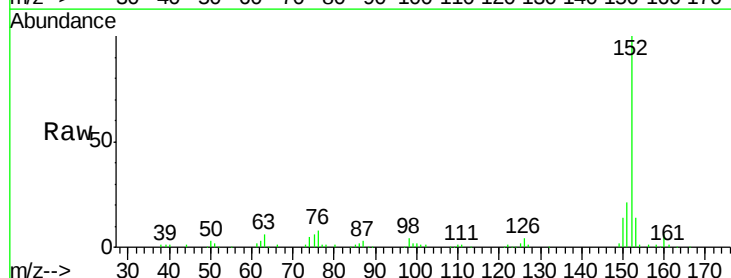
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

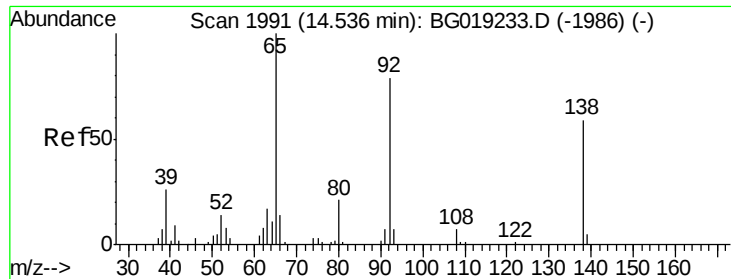
Tot Ion:165 Resp: 20915  
Ion Ratio Lower Upper  
165 100  
89 71.9 45.5 68.3#  
121 22.9 16.8 25.2



#48  
Acenaphthylene  
Concen: 19.56 ng/ul  
RT: 14.37 min Scan# 1962  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:152 Resp: 121591  
Ion Ratio Lower Upper  
152 100  
151 21.5 16.6 25.0  
153 13.5 10.5 15.7

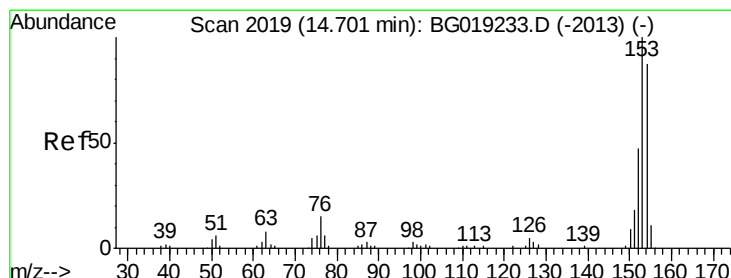
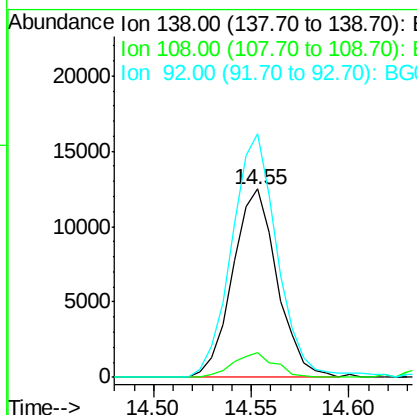
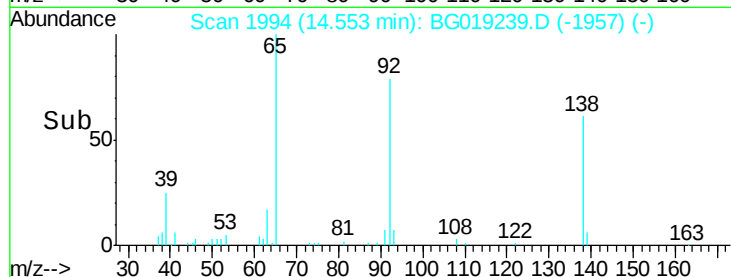
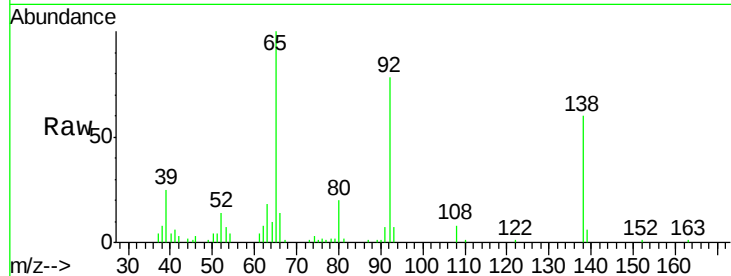




#49  
3-Nitroaniline  
Concen: 20.56 ng/ul  
RT: 14.55 min Scan# 1994  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

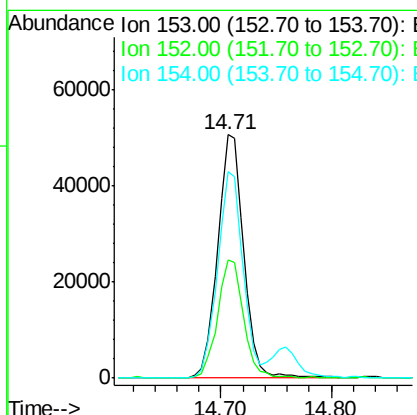
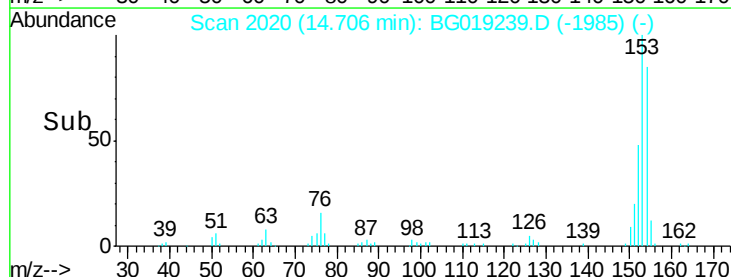
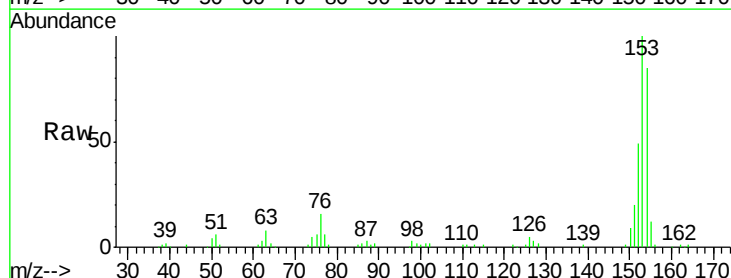
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

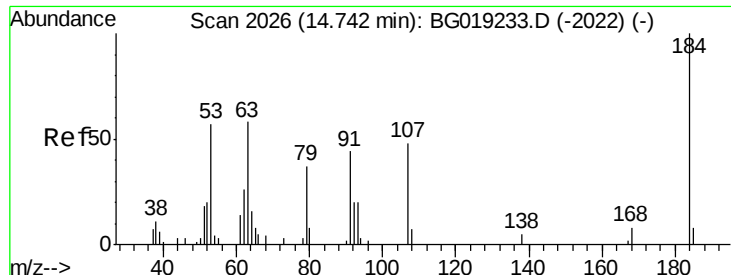
Tot Ion:138 Resp: 19739  
Ion Ratio Lower Upper  
138 100  
108 13.0 8.9 13.3  
92 129.4 92.4 138.6



#50  
Acenaphthene  
Concen: 20.00 ng/ul  
RT: 14.71 min Scan# 2020  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:153 Resp: 83283  
Ion Ratio Lower Upper  
153 100  
152 48.7 36.2 54.2  
154 84.9 67.5 101.3

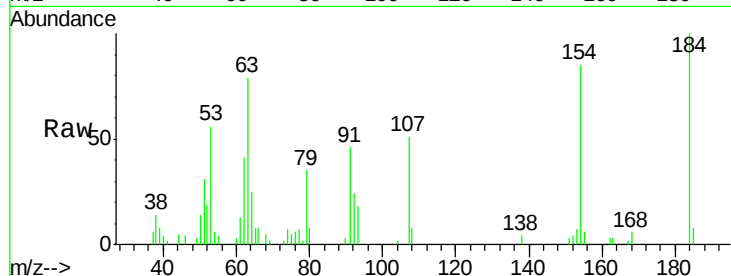




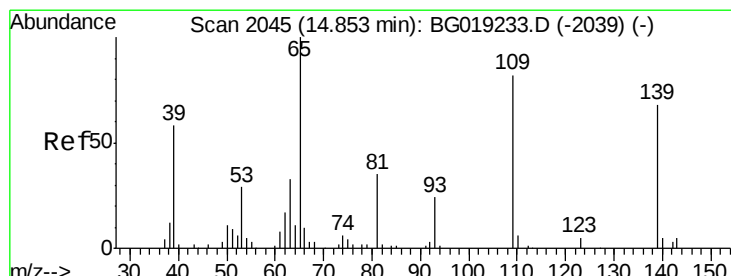
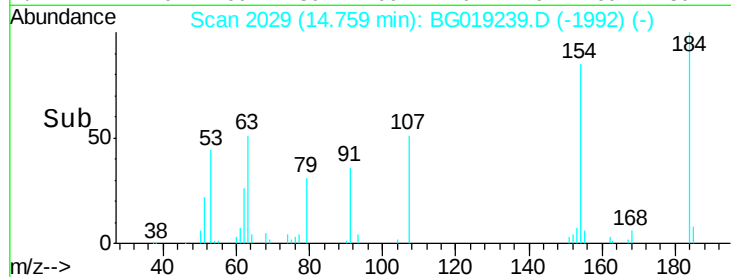
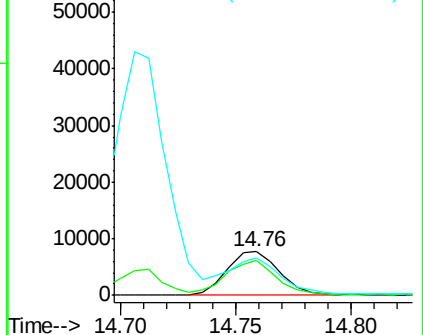
#51  
 2,4-Dinitrophenol  
 Concen: 21.41 ng/ul  
 RT: 14.76 min Scan# 2029  
 Delta R.T. 0.02 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

Tot Ion:184 Resp: 12274  
 Ion Ratio Lower Upper  
 184 100  
 63 79.1 51.0 76.4#  
 154 85.0 56.5 84.7#

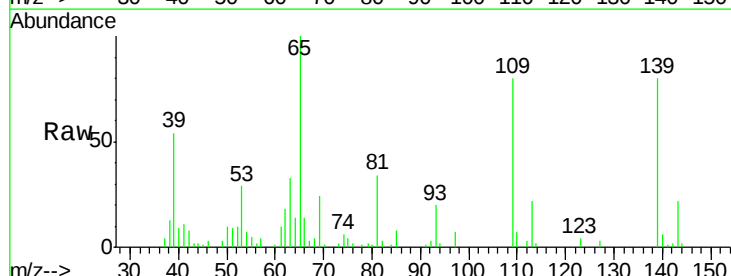


Abundance Ion 184.00 (183.70 to 184.70): E  
 Ion 63.00 (62.70 to 63.70): BG  
 Ion 154.00 (153.70 to 154.70): E

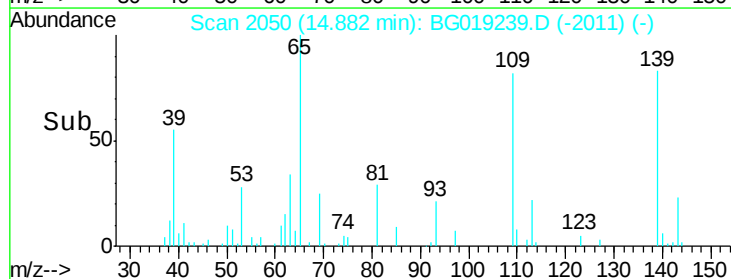
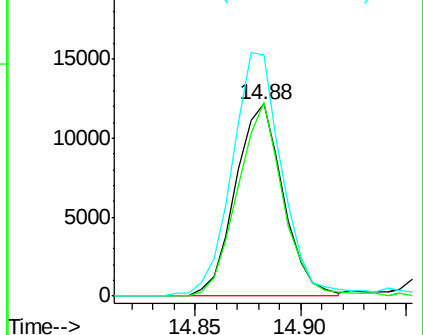


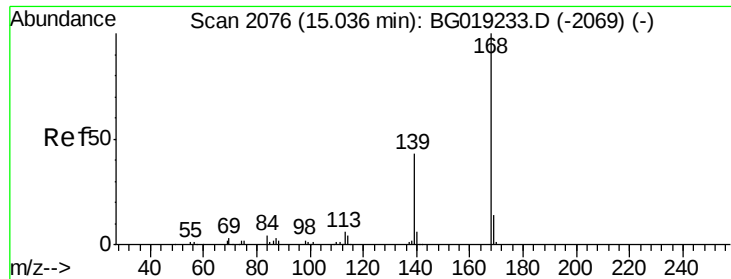
#53  
 4-Nitrophenol  
 Concen: 18.62 ng/ul  
 RT: 14.88 min Scan# 2050  
 Delta R.T. 0.03 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:109 Resp: 19089  
 Ion Ratio Lower Upper  
 109 100  
 139 100.8 97.9 146.9  
 65 125.3 117.4 176.0



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





#54

Dibenzofuran

Concen: 19.73 ng/ul

RT: 15.04 min Scan# 2077

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

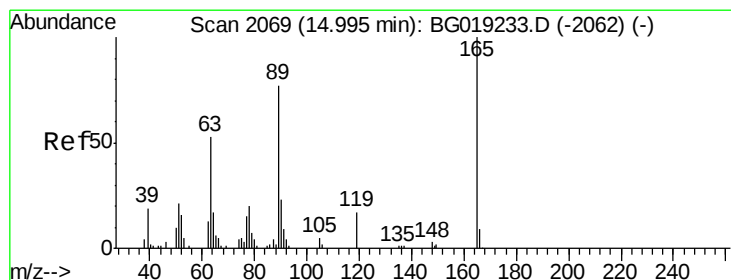
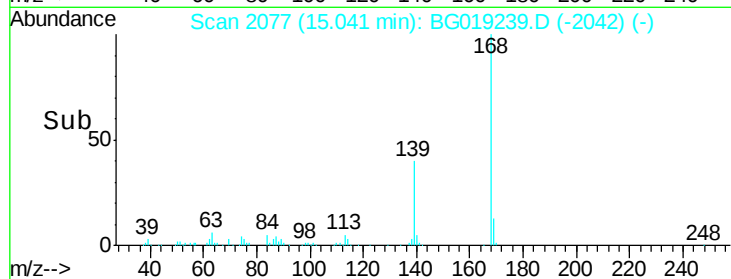
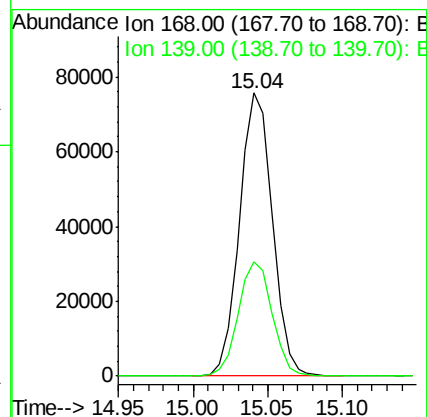
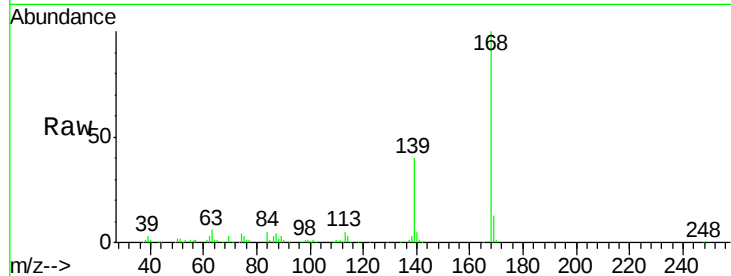
SSTD02014

Tot Ion:168 Resp: 116110

Ion Ratio Lower Upper

168 100

139 40.2 28.5 42.7



#55

2,4-Dinitrotoluene

Concen: 19.43 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

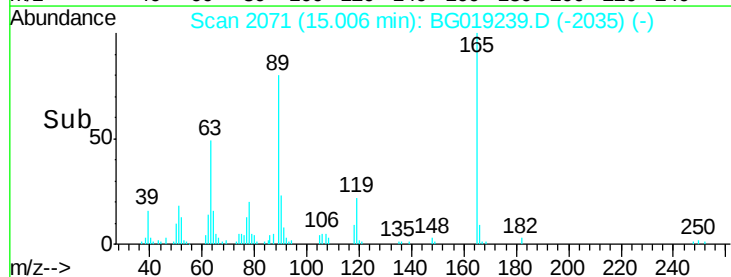
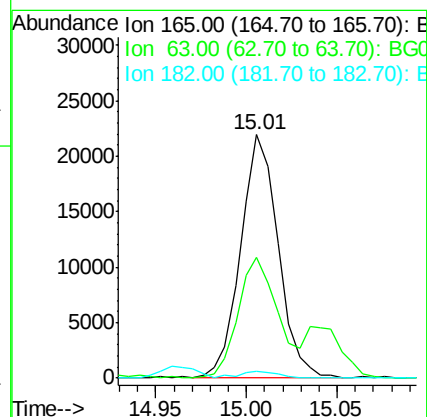
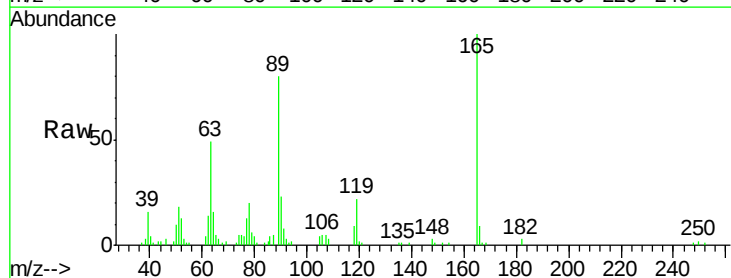
Tgt Ion:165 Resp: 31586

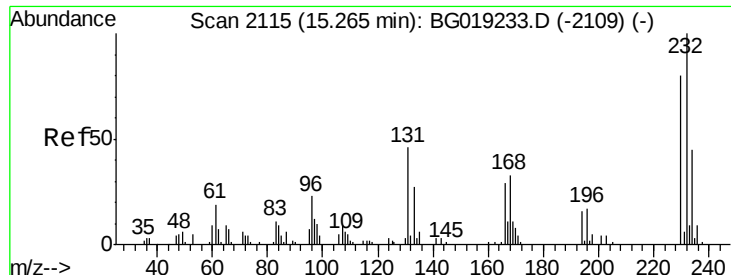
Ion Ratio Lower Upper

165 100

63 49.4 39.5 59.3

182 2.6 2.2 3.2

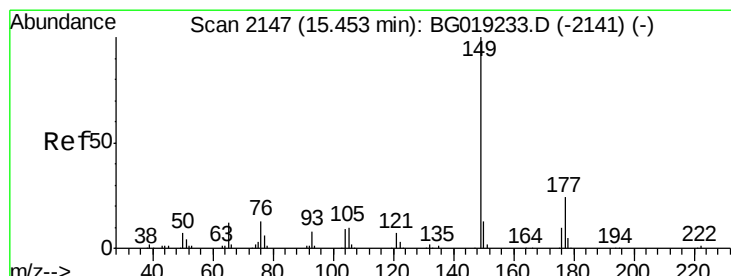
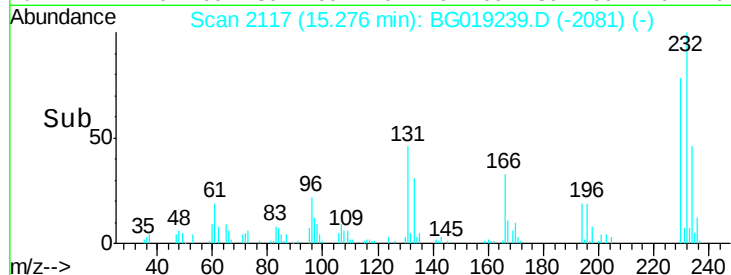
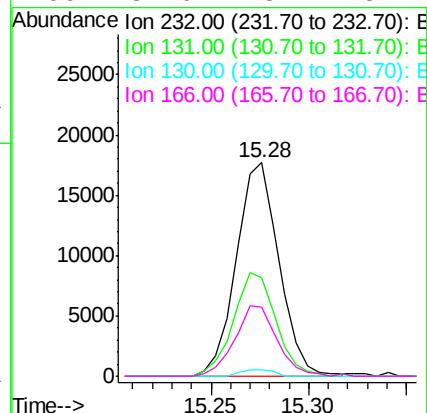
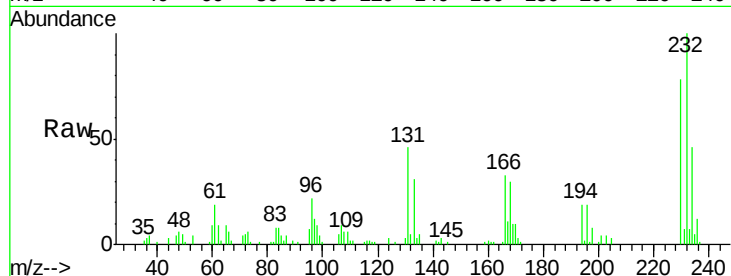




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.36 ng/ul  
 RT: 15.28 min Scan# 2117  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

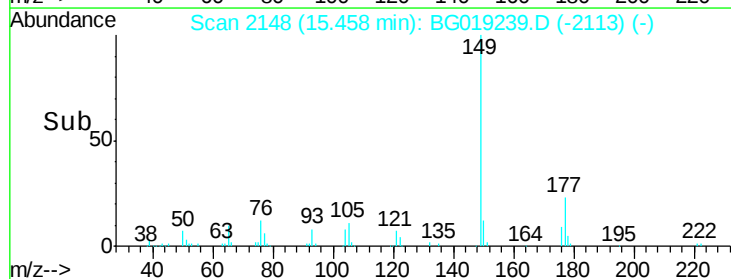
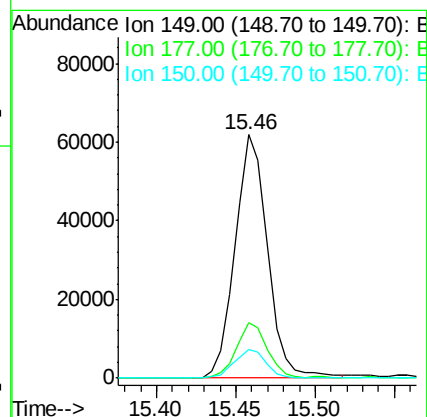
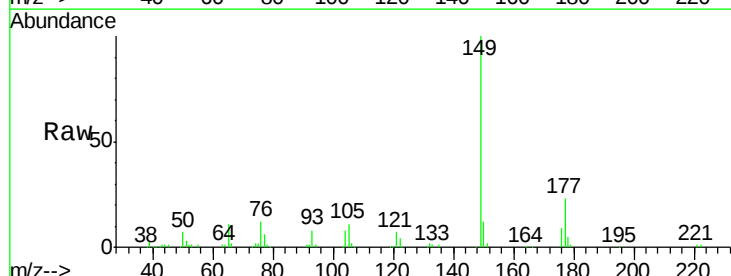
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

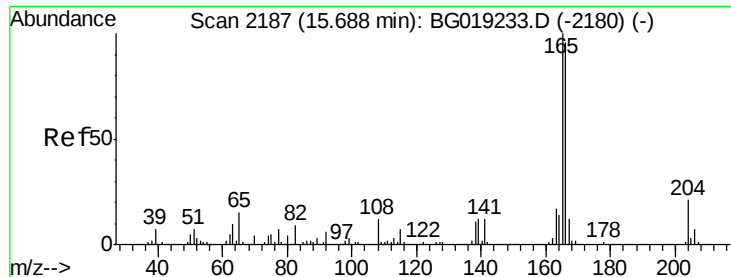
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 232     | 100   |       |       |
| 131     | 46.1  | 32.6  | 49.0  |
| 130     | 3.2   | 2.2   | 3.4   |
| 166     | 32.6  | 23.1  | 34.7  |



#57  
 Diethylphthalate  
 Concen: 16.10 ng/ul  
 RT: 15.46 min Scan# 2148  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 177     | 22.9  | 17.4  | 26.0  |
| 150     | 11.8  | 10.0  | 15.0  |





#59

Fluorene

Concen: 19.62 ng/ul

RT: 15.69 min Scan# 2188

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

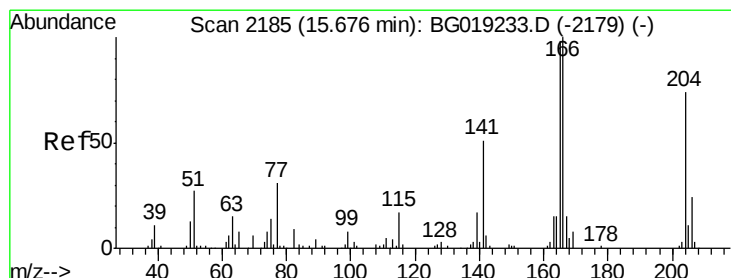
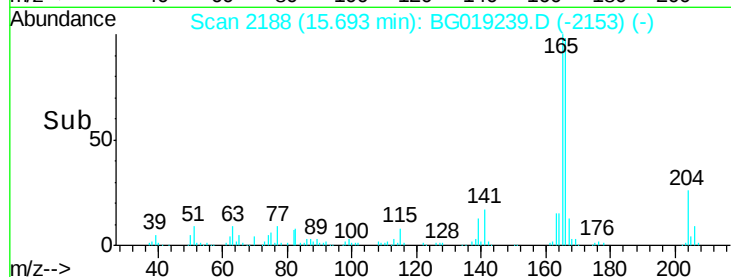
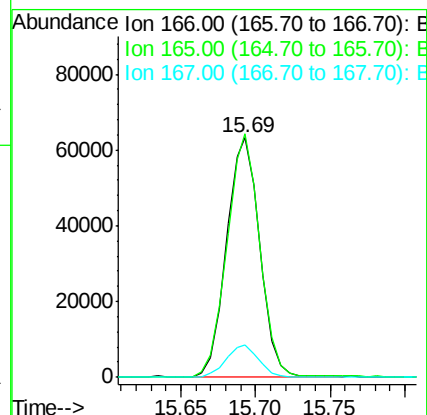
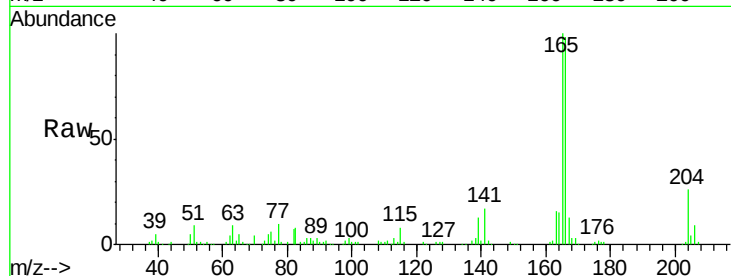
Tot Ion:166 Resp: 98792

Ion Ratio Lower Upper

166 100

165 101.7 77.7 116.5

167 13.4 10.4 15.6



#60

4-Chlorophenyl-phenylether

Concen: 18.99 ng/ul

RT: 15.68 min Scan# 2186

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

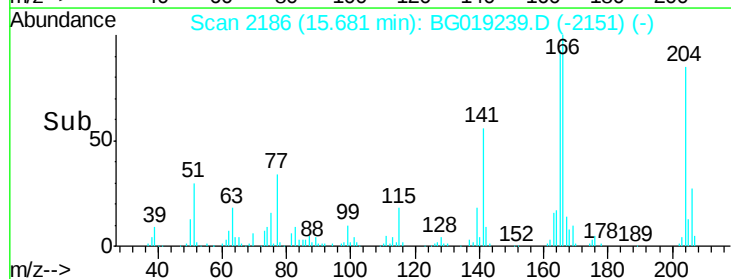
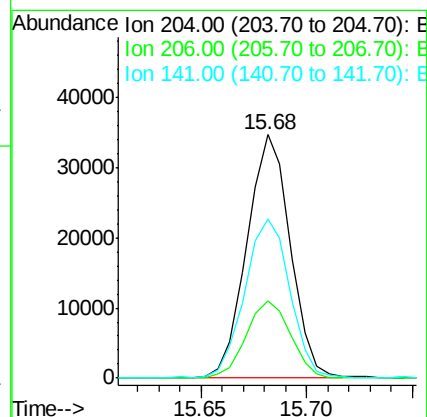
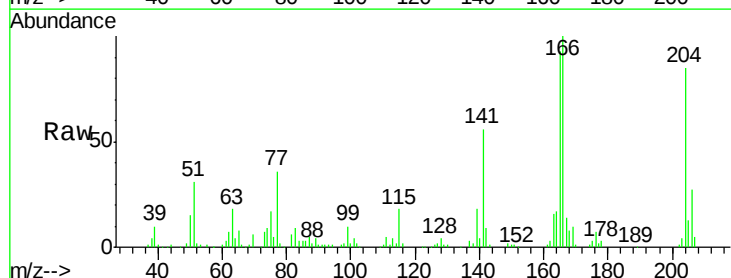
Tgt Ion:204 Resp: 49299

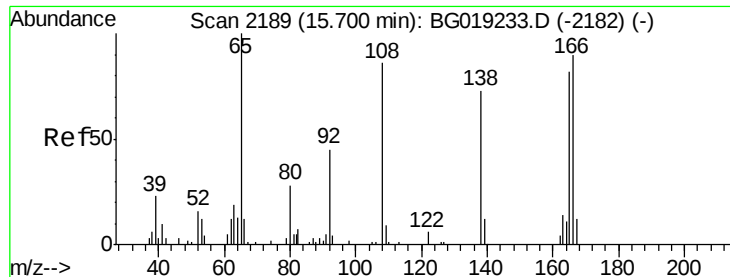
Ion Ratio Lower Upper

204 100

206 31.9 26.4 39.6

141 65.5 44.4 66.6

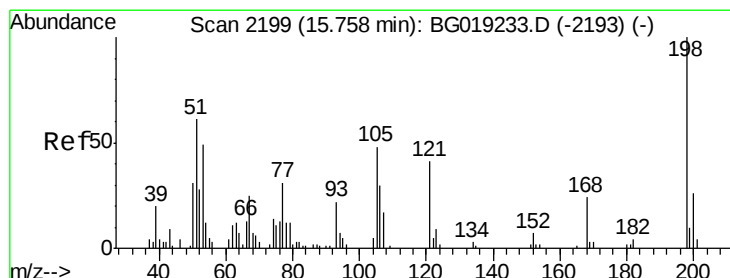
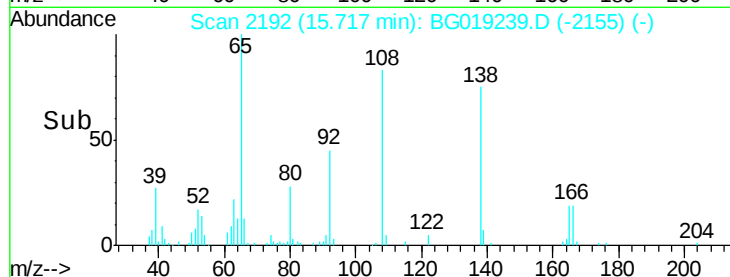
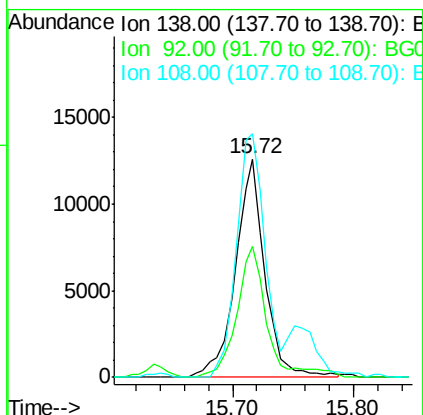
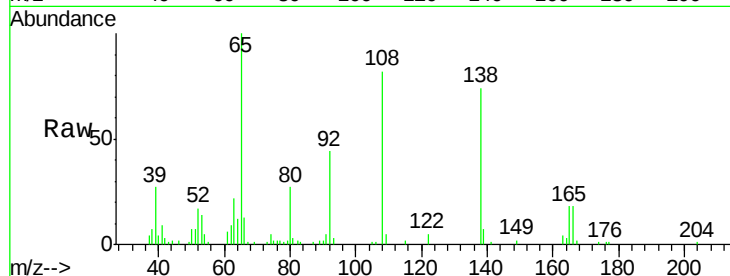




#61  
4-Nitroaniline  
Concen: 18.67 ng/ul  
RT: 15.72 min Scan# 2192  
Delta R.T. 0.02 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

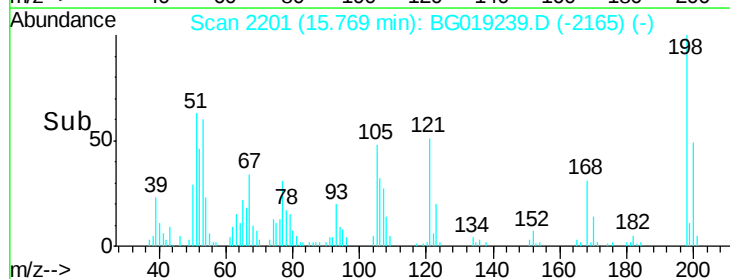
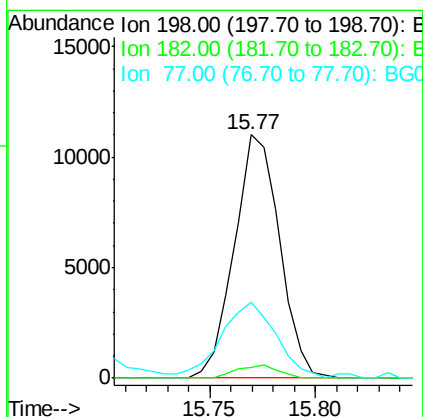
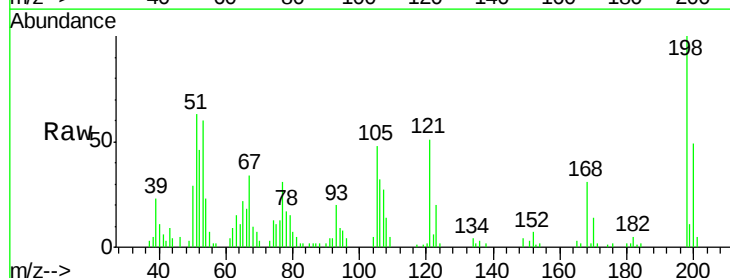
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

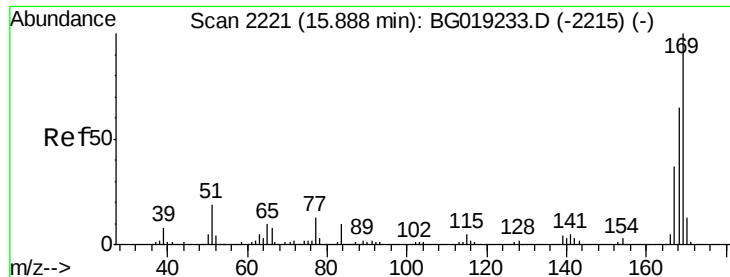
Tot Ion:138 Resp: 21239  
Ion Ratio Lower Upper  
138 100  
92 59.8 47.4 71.2  
108 111.4 62.8 94.2#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 19.79 ng/ul  
RT: 15.77 min Scan# 2201  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:198 Resp: 16402  
Ion Ratio Lower Upper  
198 100  
182 4.6 4.3 6.5  
77 31.3 20.2 30.2#

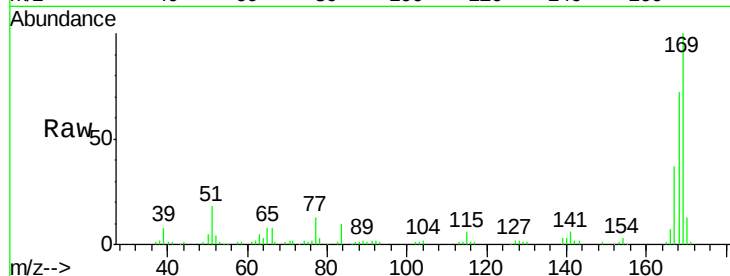




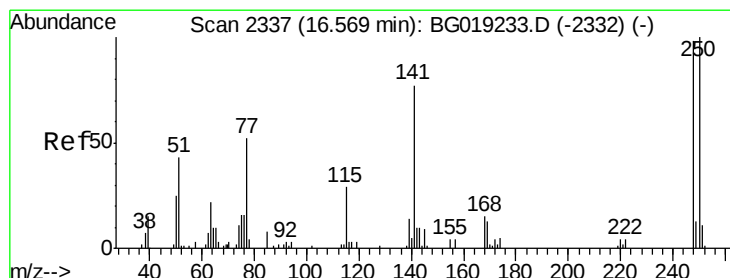
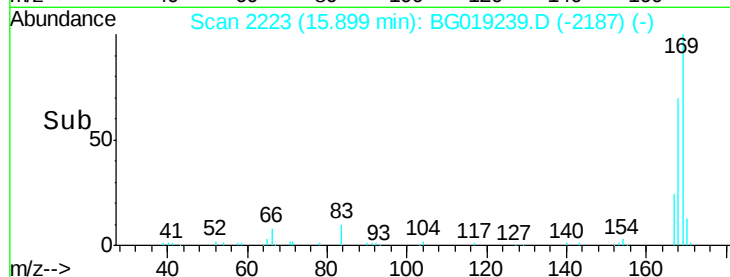
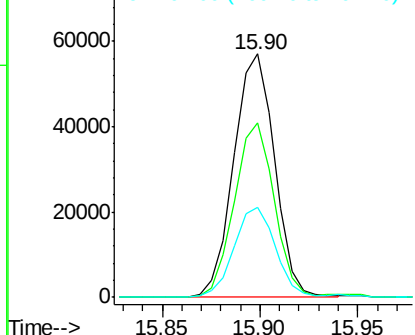
#65  
N-Nitrosodiphenylamine  
Concen: 22.62 ng/ul  
RT: 15.90 min Scan# 2223  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

Tot Ion:169 Resp: 82660  
Ion Ratio Lower Upper  
169 100  
168 71.5 58.2 87.4  
167 36.8 30.9 46.3

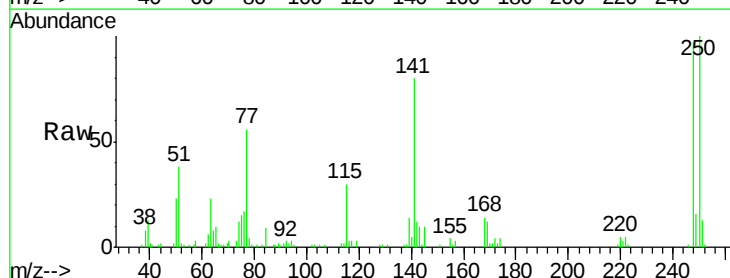


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

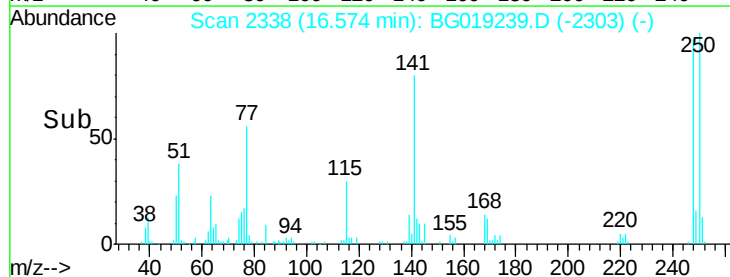
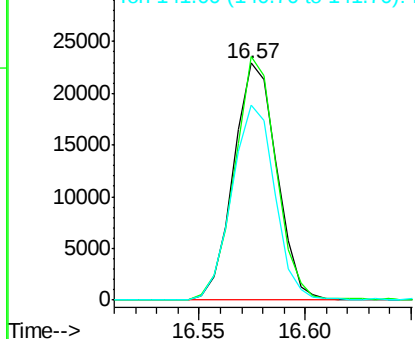


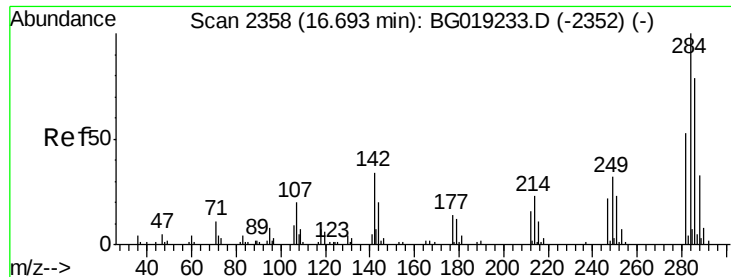
#66  
4-Bromophenyl-phenylether  
Concen: 21.55 ng/ul  
RT: 16.57 min Scan# 2338  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:248 Resp: 32414  
Ion Ratio Lower Upper  
248 100  
250 102.8 79.1 118.7  
141 82.4 55.1 82.7



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: 19.34 ng/ul

RT: 16.70 min Scan# 2359

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

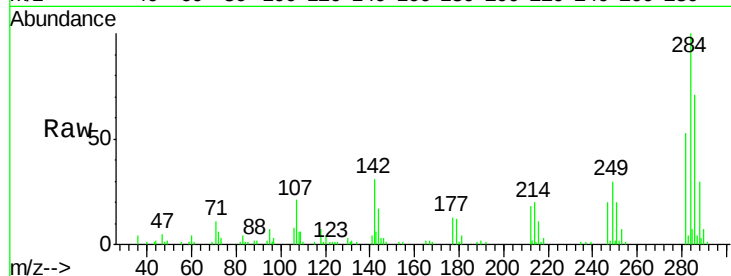
Tot Ion:284 Resp: 33689

Ion Ratio Lower Upper

284 100

142 31.3 25.4 38.0

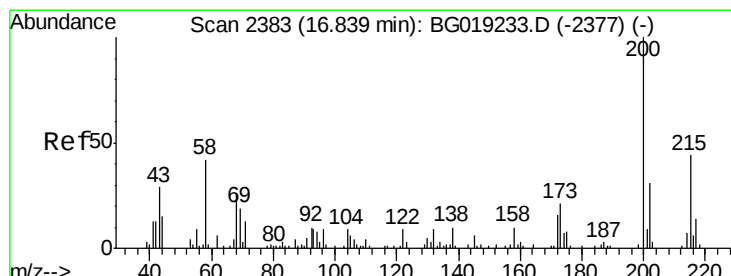
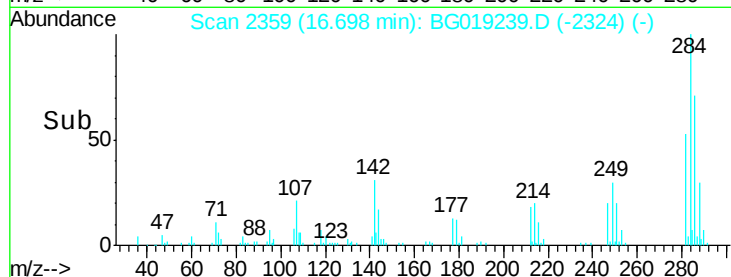
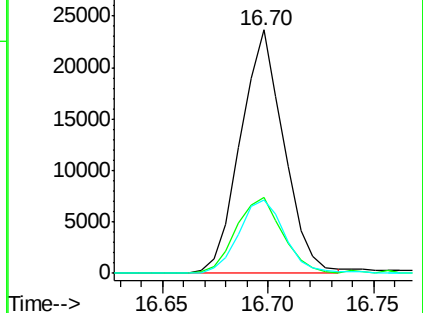
249 30.1 25.6 38.4



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: 14.12 ng/ul

RT: 16.85 min Scan# 2385

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

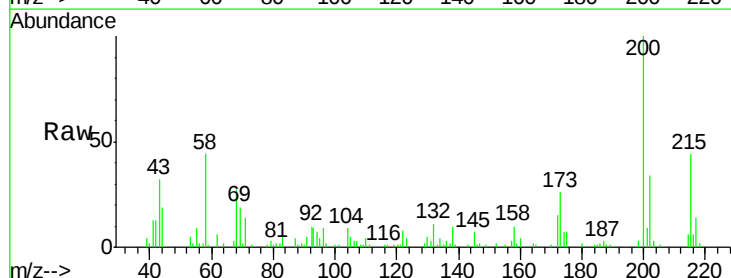
Tgt Ion:200 Resp: 24815

Ion Ratio Lower Upper

200 100

173 25.7 18.5 27.7

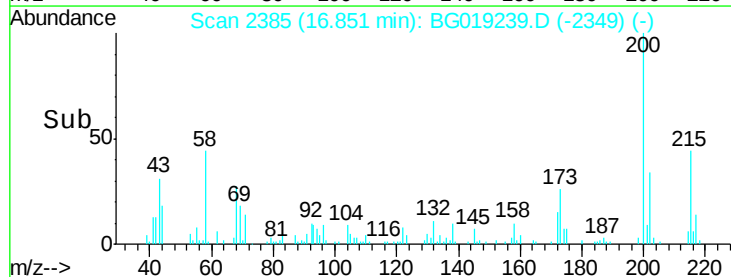
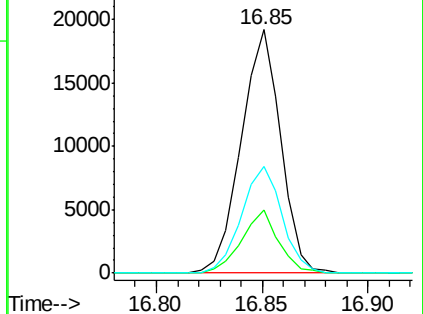
215 43.9 35.9 53.9

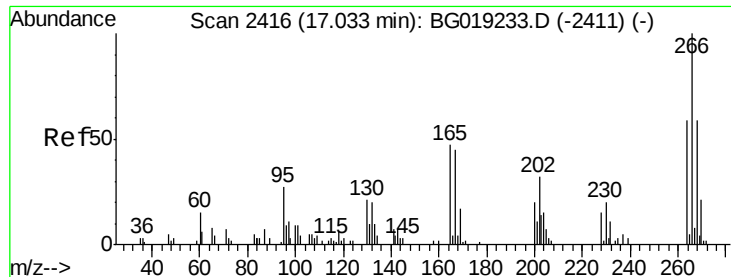


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

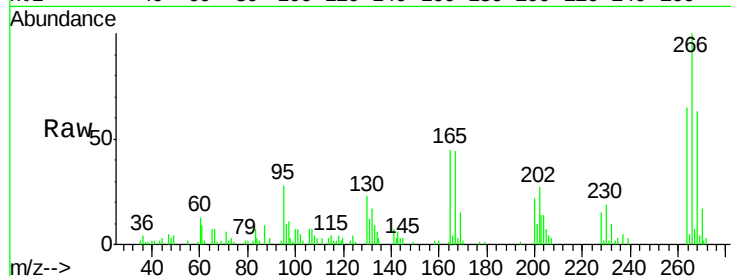




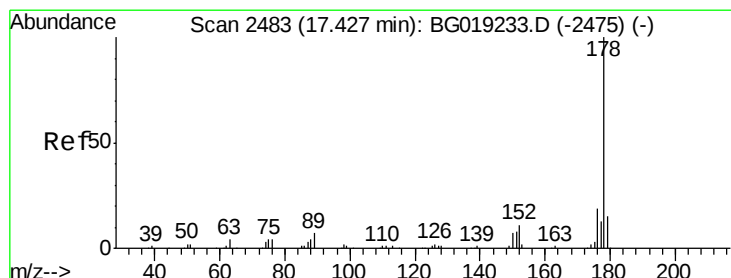
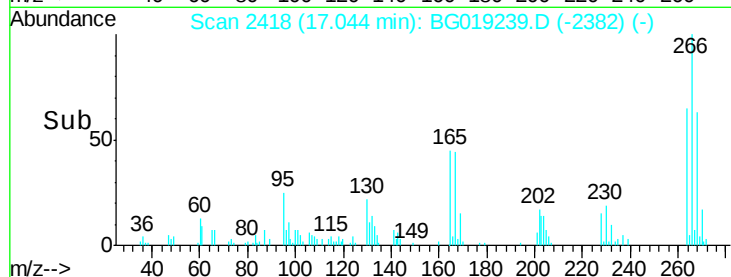
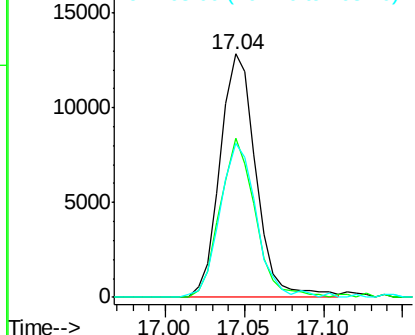
#69  
 Pentachlorophenol  
 Concen: 22.63 ng/ul  
 RT: 17.04 min Scan# 2418  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

Tot Ion:266 Resp: 20261  
 Ion Ratio Lower Upper  
 266 100  
 264 65.1 49.0 73.6  
 268 63.4 55.6 83.4

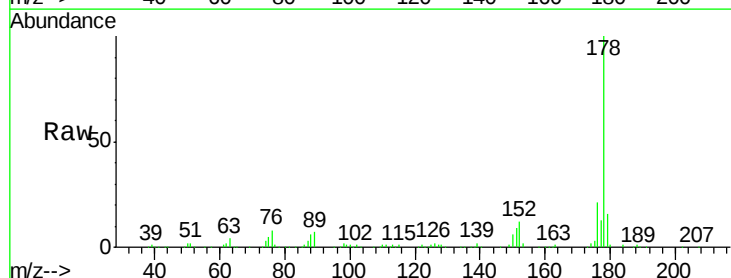


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

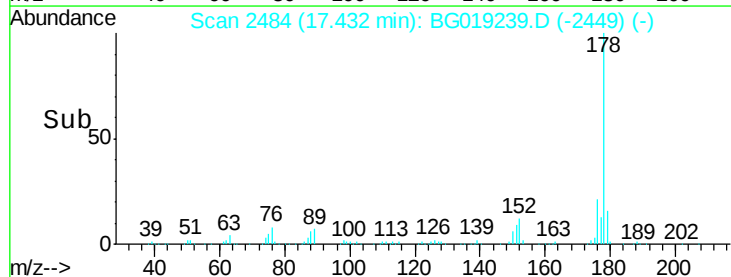
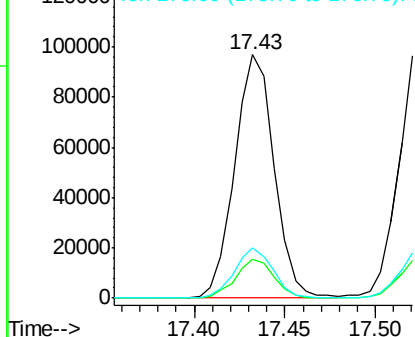


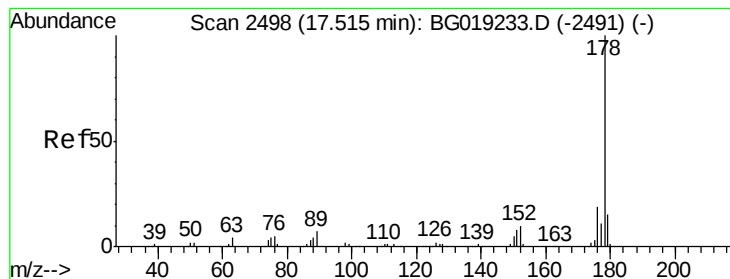
#70  
 Phenanthrene  
 Concen: 19.76 ng/ul  
 RT: 17.43 min Scan# 2484  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:178 Resp: 146759  
 Ion Ratio Lower Upper  
 178 100  
 179 15.7 12.5 18.7  
 176 20.8 15.4 23.0



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: 20.02 ng/uL

RT: 17.53 min Scan# 2500

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

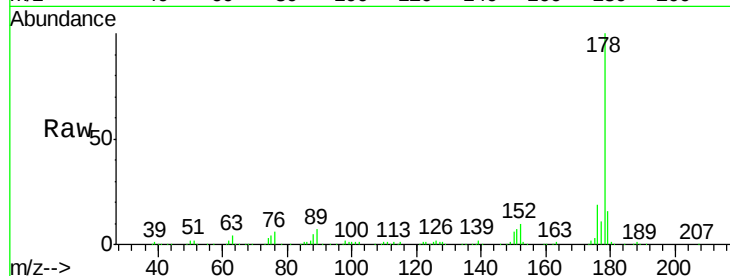
Tot Ion:178 Resp: 151041

Ion Ratio Lower Upper

178 100

179 15.7 12.2 18.4

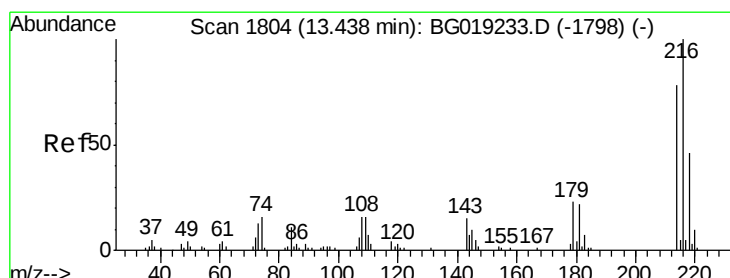
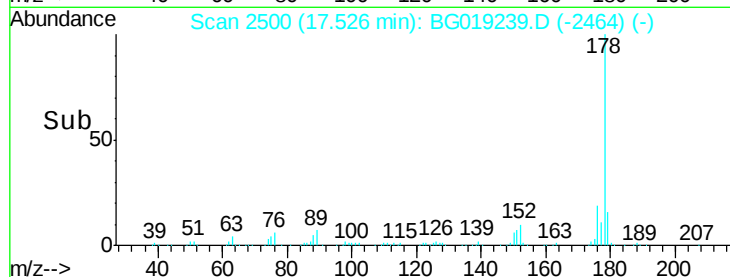
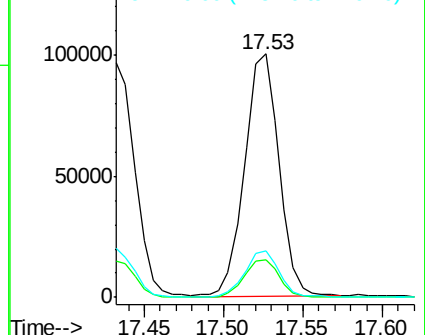
176 19.2 15.0 22.6



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: 25.78 ng/uL

RT: 13.45 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

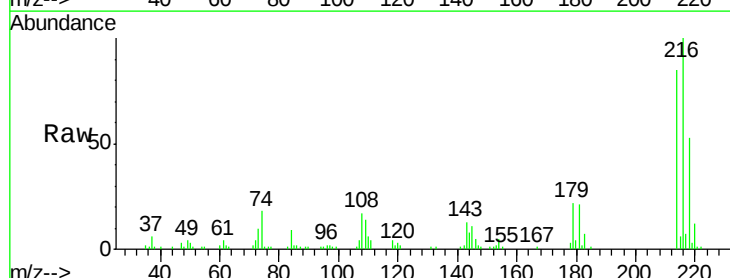
Tgt Ion:216 Resp: 41788

Ion Ratio Lower Upper

216 100

214 84.9 64.5 96.7

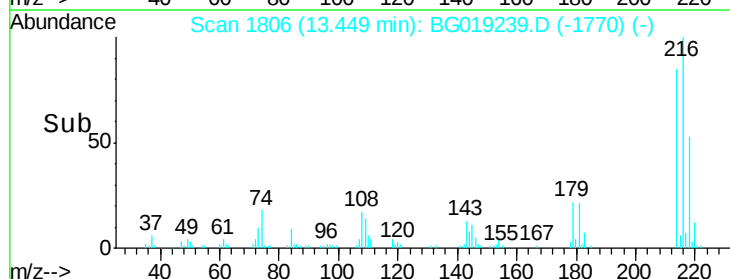
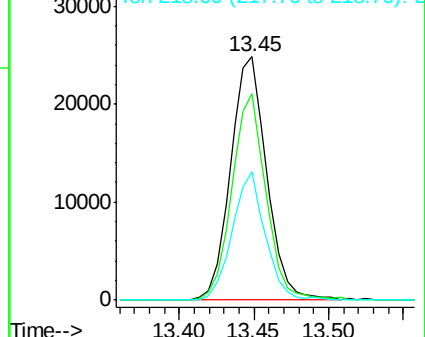
218 52.8 40.4 60.6

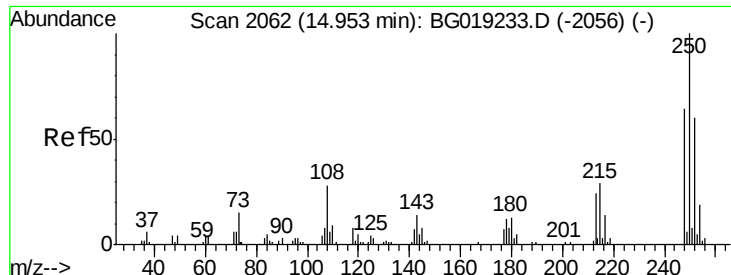


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 23.27 ng/uL

RT: 14.96 min Scan# 2064

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

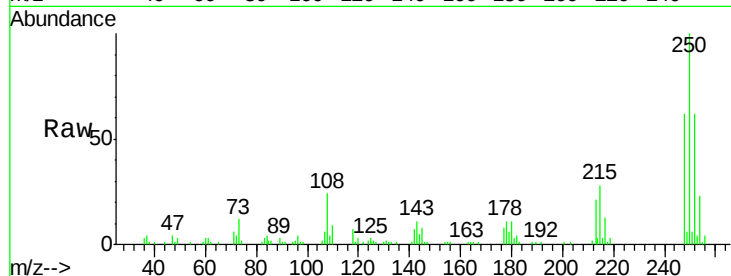
Tot Ion:250 Resp: 41301

Ion Ratio Lower Upper

250 100

248 62.3 47.4 71.2

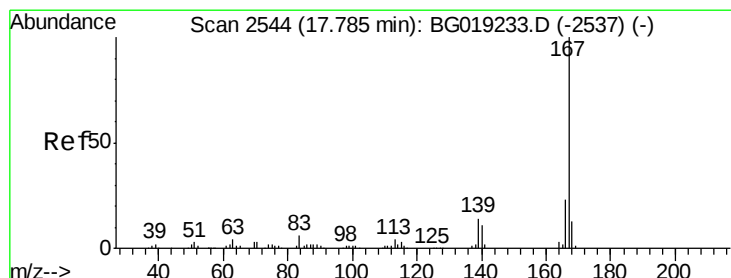
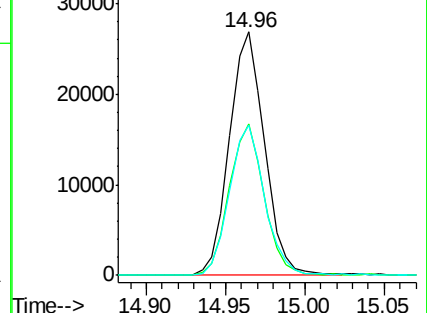
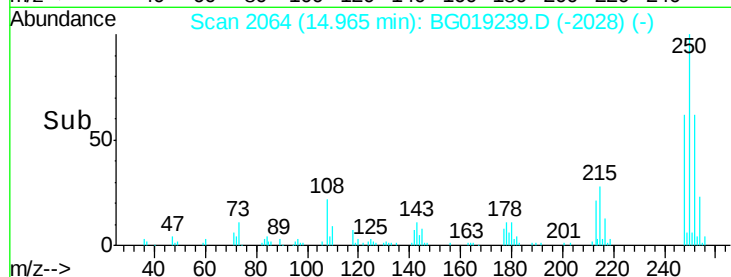
252 61.6 50.2 75.4



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 20.27 ng/uL

RT: 17.80 min Scan# 2546

Delta R.T. 0.01 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

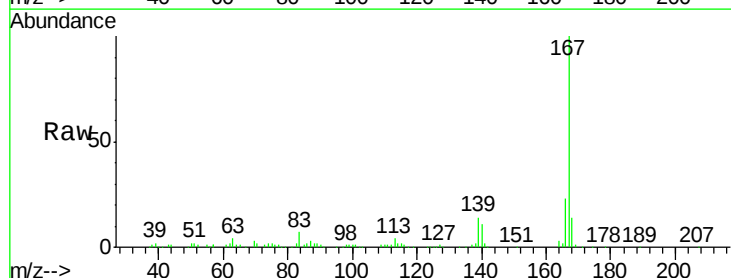
Tgt Ion:167 Resp: 131800

Ion Ratio Lower Upper

167 100

166 23.0 18.6 27.8

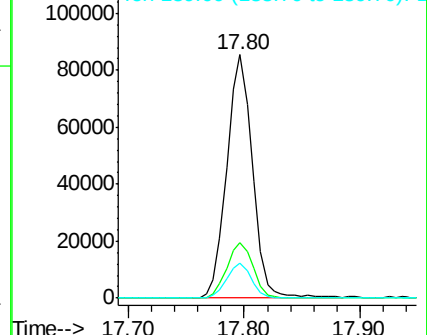
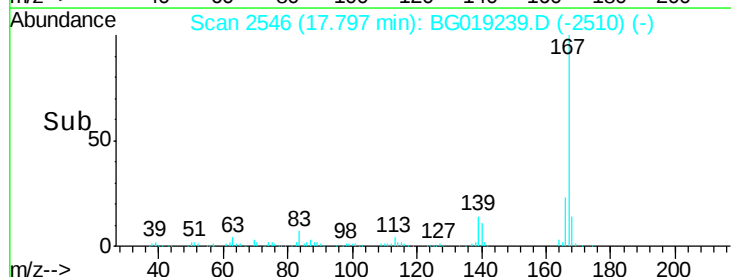
139 14.4 9.8 14.8

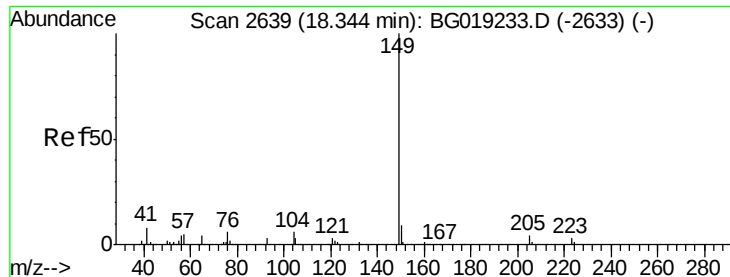


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

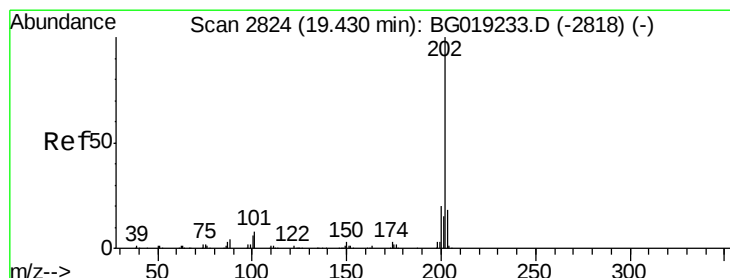
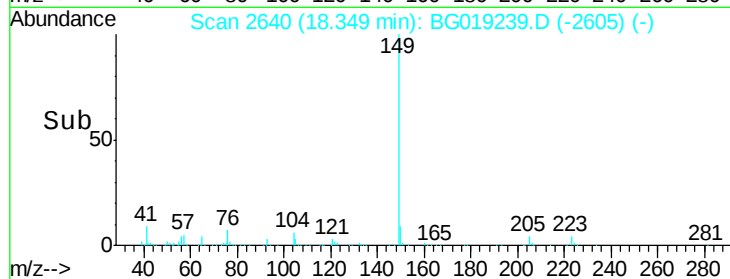
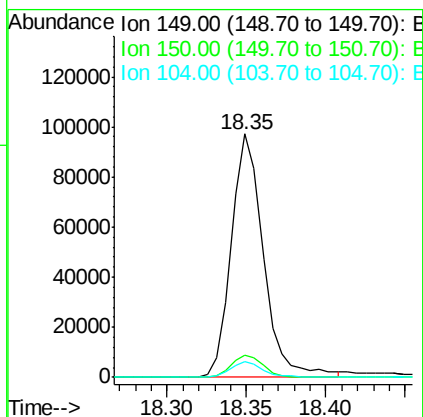
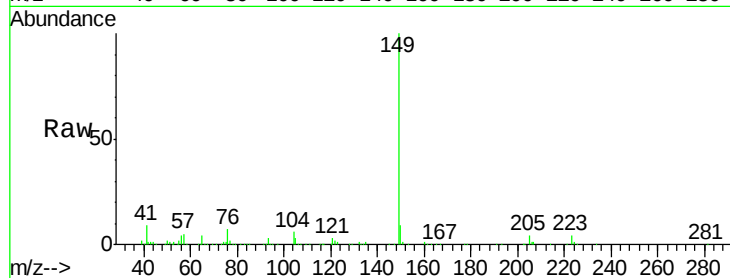




#76  
Di-n-butylphthalate  
Concen: 15.99 ng/ul  
RT: 18.35 min Scan# 2640  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

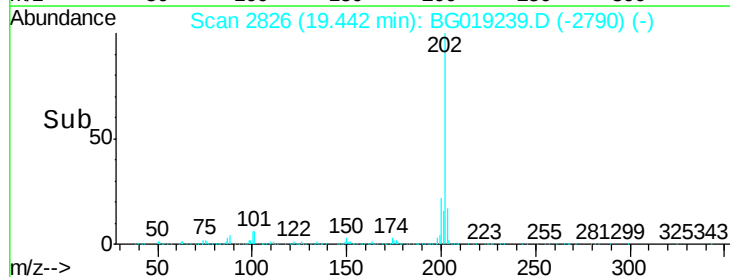
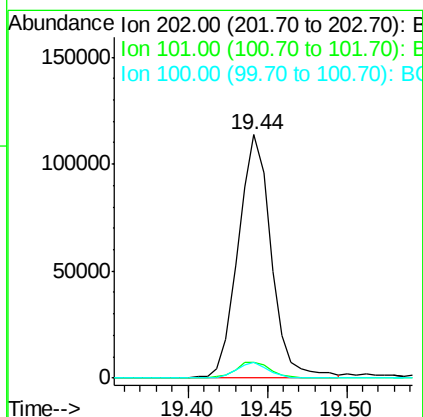
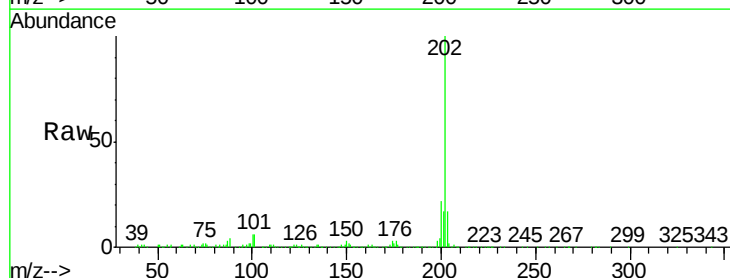
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

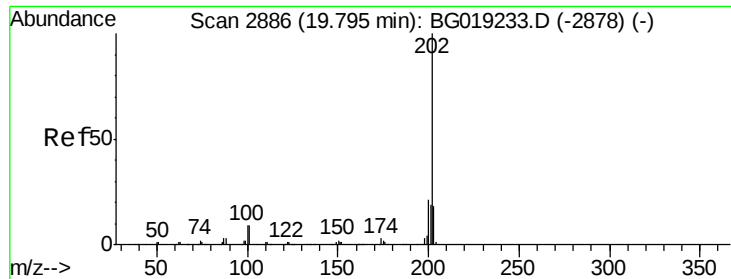
Tot Ion:149 Resp: 136931  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.1 10.7  
104 6.3 3.9 5.9#



#77  
Fluoranthene  
Concen: 17.58 ng/ul  
RT: 19.44 min Scan# 2826  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

Tgt Ion:202 Resp: 163390  
Ion Ratio Lower Upper  
202 100  
101 6.5 9.0 13.4#  
100 6.4 6.9 10.3#

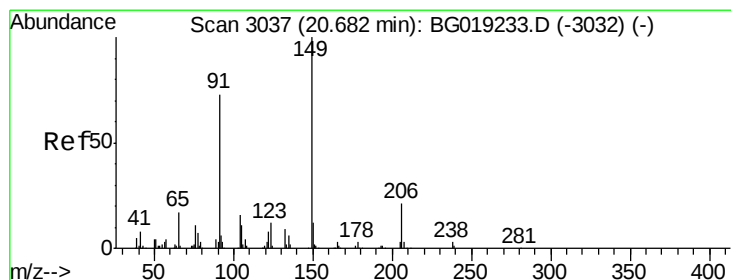
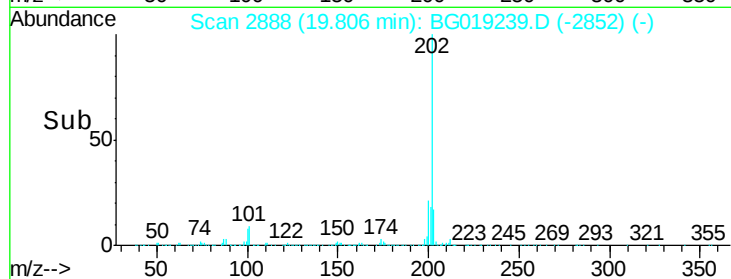
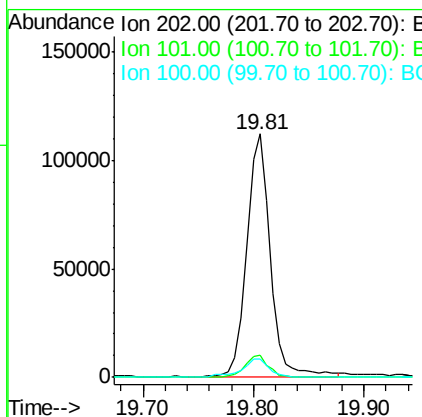
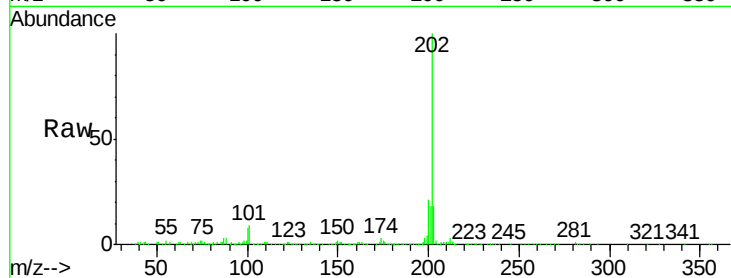




#80  
Pvrene  
Concen: 19.36 ng/ul  
RT: 19.81 min Scan# 2888  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

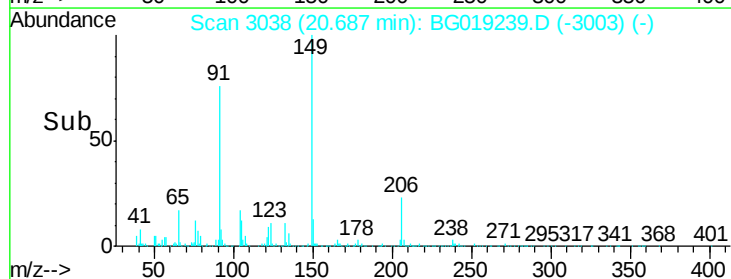
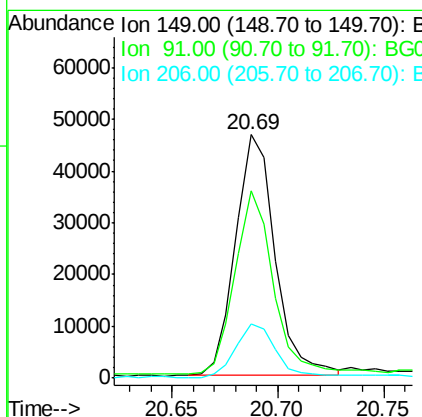
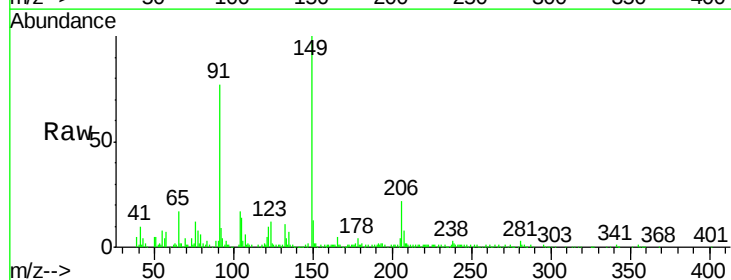
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02014

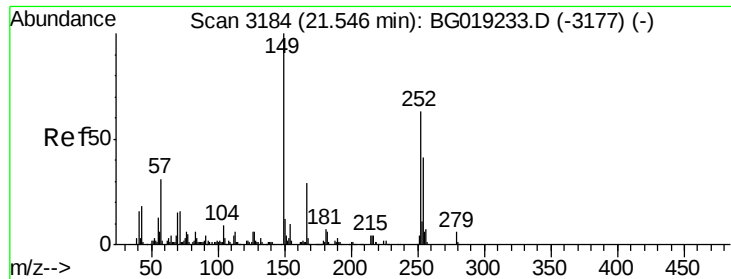
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 8.9   | 10.2  | 15.2# |
| 100     | 7.5   | 8.5   | 12.7# |



#81  
Butylbenzylphthalate  
Concen: 19.39 ng/ul  
RT: 20.69 min Scan# 3038  
Delta R.T. 0.01 min  
Lab File: BG019239.D  
Acq: 17 Oct 2015 1:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 76.7  | 59.1  | 88.7  |
| 206     | 22.5  | 17.9  | 26.9  |

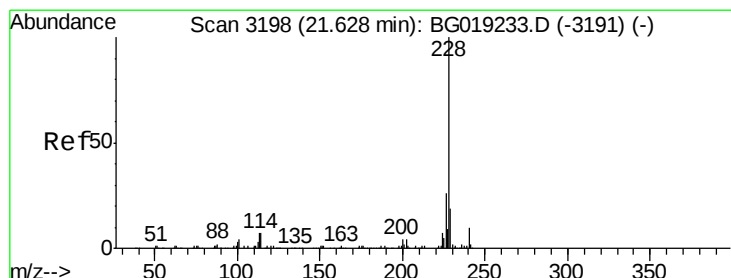
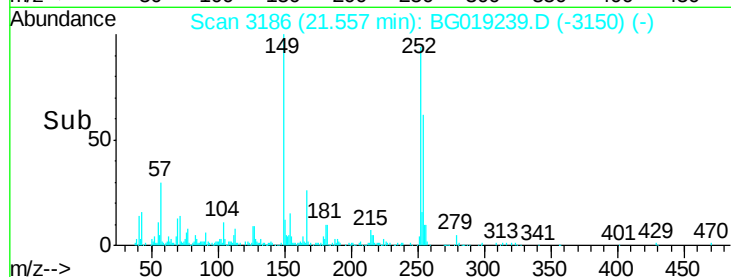
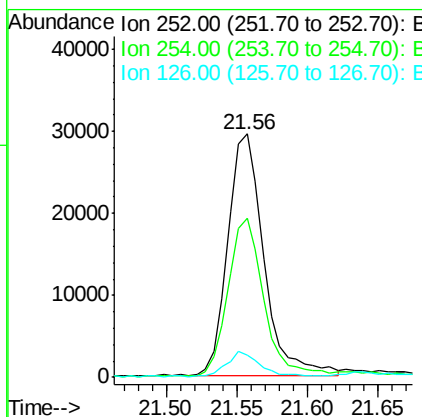
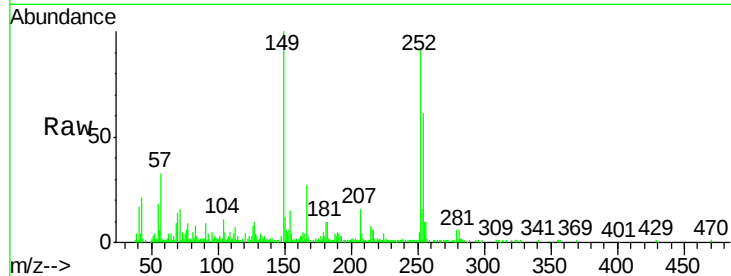




#82  
 3,3'-Dichlorobenzidine  
 Concen: 19.78 ng/ul  
 RT: 21.56 min Scan# 3186  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

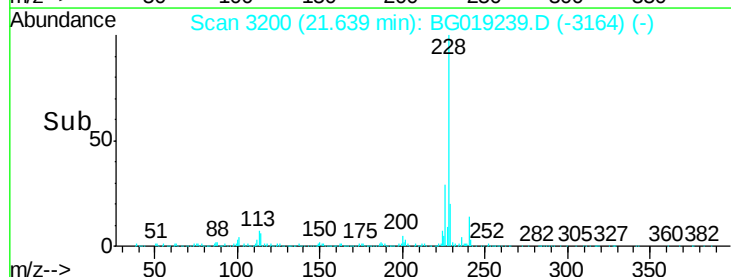
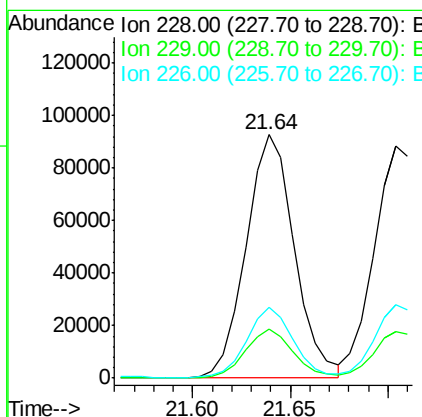
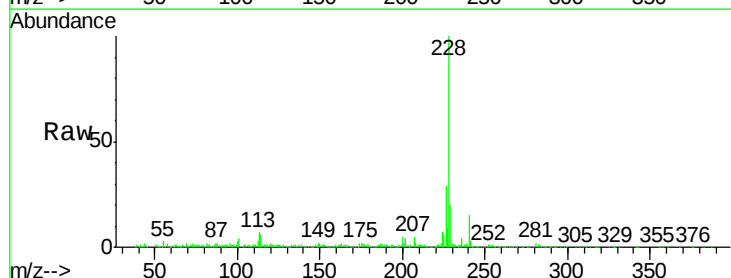
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

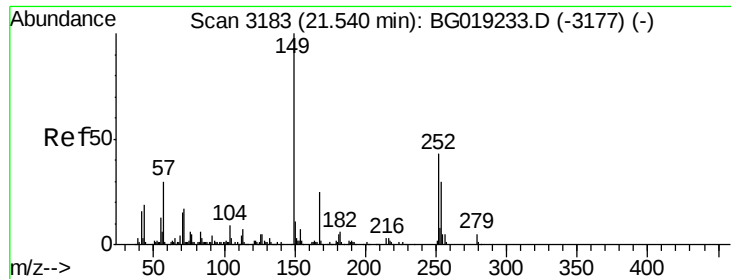
Tot Ion:252 Resp: 52367  
 Ion Ratio Lower Upper  
 252 100  
 254 65.6 51.4 77.0  
 126 9.0 7.9 11.9



#83  
 Benzo(a)anthracene  
 Concen: 19.43 ng/ul  
 RT: 21.64 min Scan# 3200  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:228 Resp: 159112  
 Ion Ratio Lower Upper  
 228 100  
 229 20.2 16.6 24.8  
 226 29.0 22.8 34.2

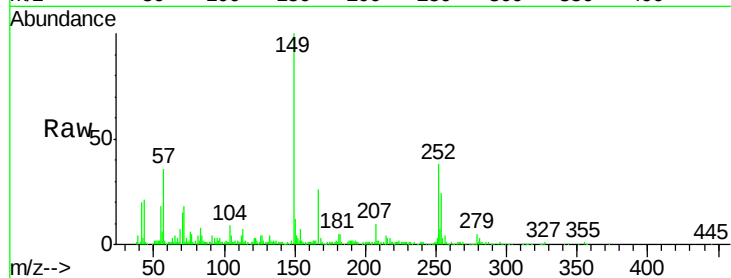




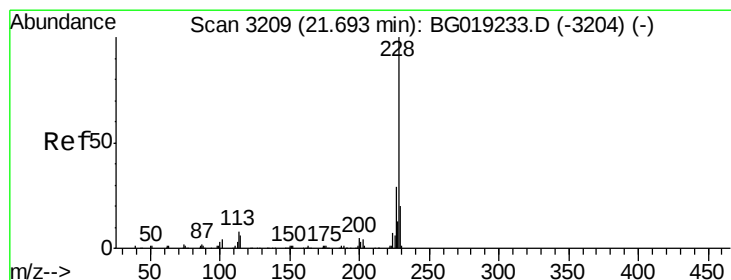
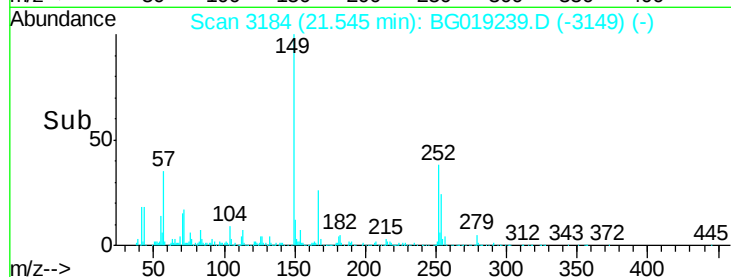
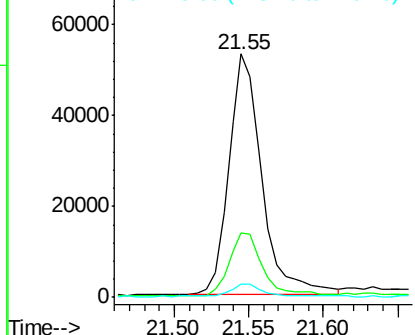
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 18.97 ng/ul  
 RT: 21.55 min Scan# 3184  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

Tot Ion:149 Resp: 82019  
 Ion Ratio Lower Upper  
 149 100  
 167 26.4 22.8 34.2  
 279 5.4 3.3 4.9#

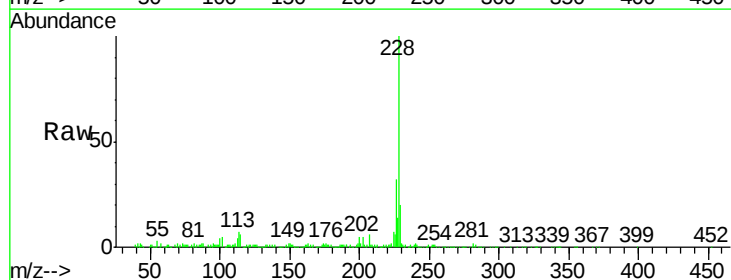


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

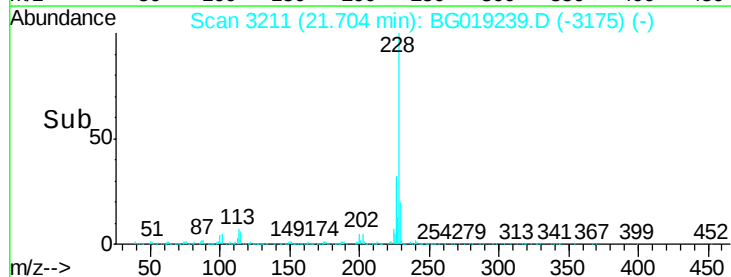
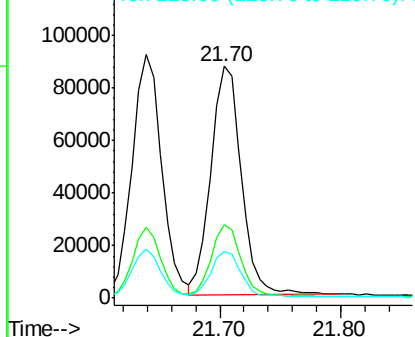


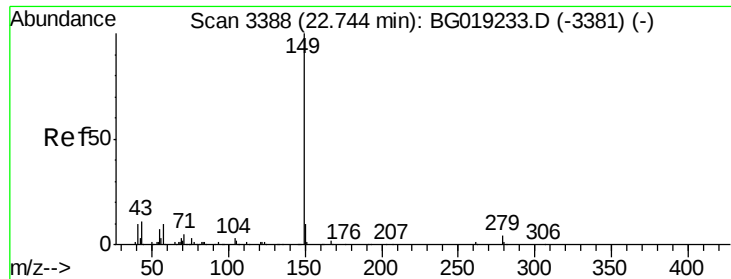
#85  
 Chrysene  
 Concen: 19.61 ng/ul  
 RT: 21.70 min Scan# 3211  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

Tgt Ion:228 Resp: 151833  
 Ion Ratio Lower Upper  
 228 100  
 226 31.8 24.2 36.2  
 229 19.9 15.6 23.4



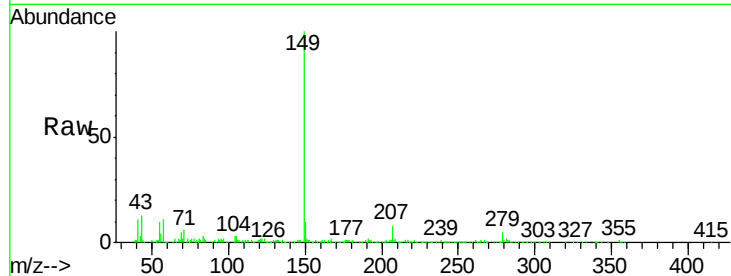
Abundance Ion 228.00 (227.70 to 228.70): E  
 Ion 226.00 (225.70 to 226.70): E  
 Ion 229.00 (228.70 to 229.70): E



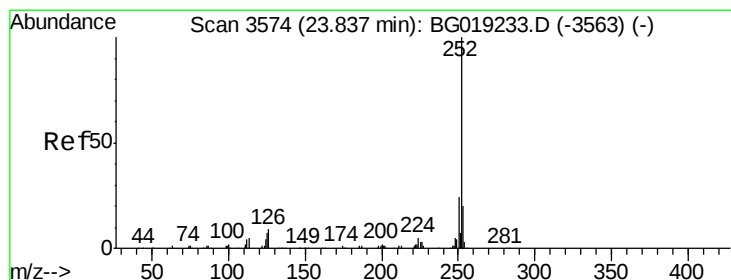
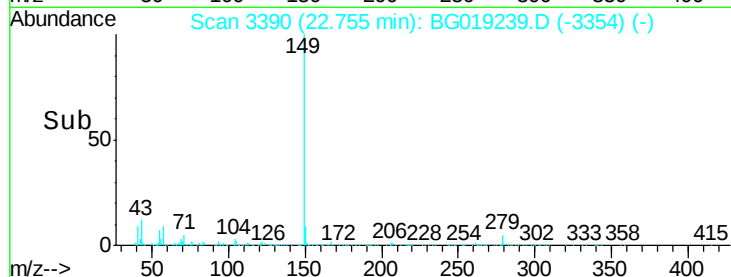
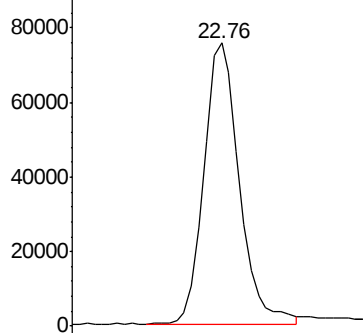


#87  
 Di-n-octyl phthalate  
 Concen: 21.12 ng/ul  
 RT: 22.76 min Scan# 3390  
 Delta R.T. 0.01 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08  
 Tgt Ion:149 Resp: 146151

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02014

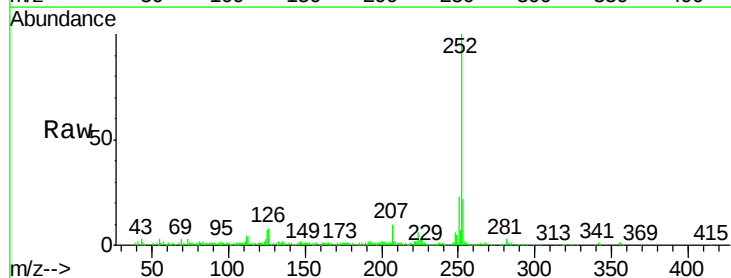


Abundance Ion 149.00 (148.70 to 149.70): E



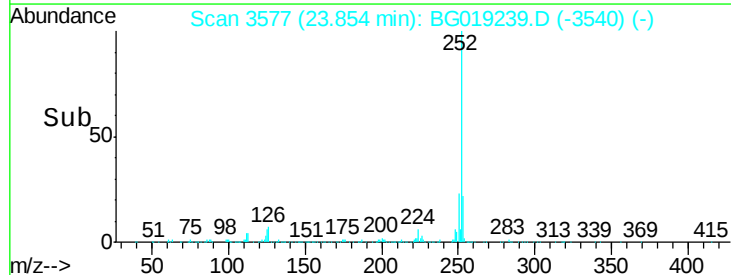
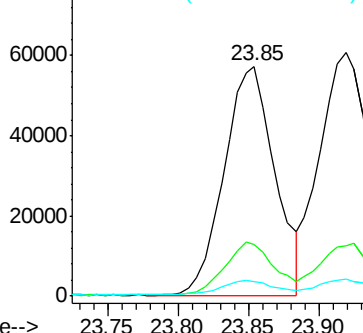
#88  
 Benzo(b)fluoranthene  
 Concen: 19.41 ng/ul  
 RT: 23.85 min Scan# 3577  
 Delta R.T. 0.02 min  
 Lab File: BG019239.D  
 Acq: 17 Oct 2015 1:08

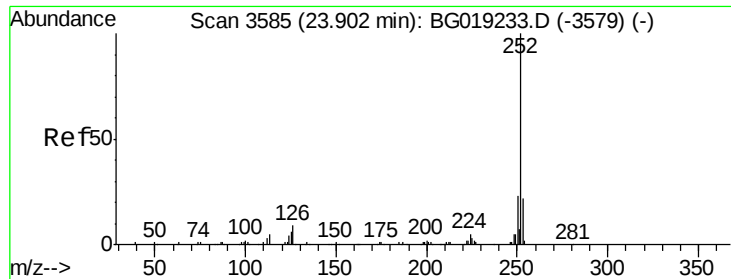
Tgt Ion:252 Resp: 143143  
 Ion Ratio Lower Upper  
 252 100  
 253 22.3 17.4 26.2  
 125 6.6 8.1 12.1#



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: 20.33 ng/ul

RT: 23.92 min Scan# 3588

Delta R.T. 0.02 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

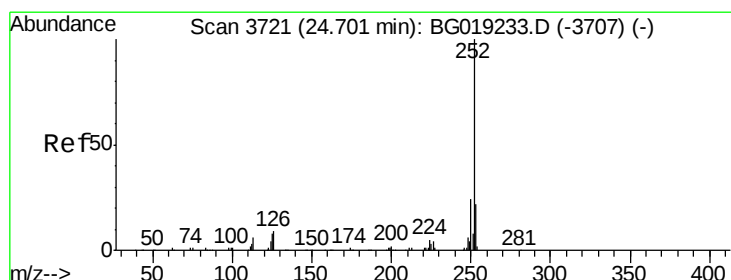
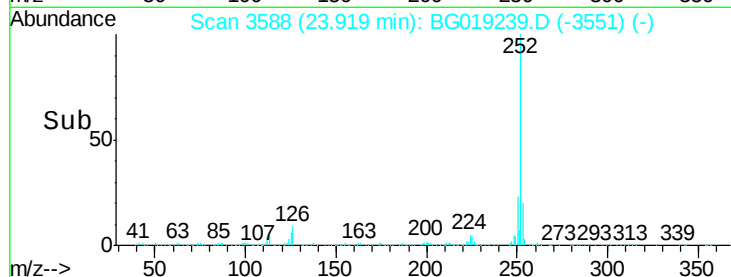
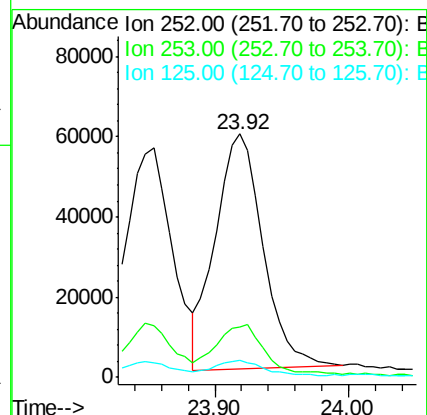
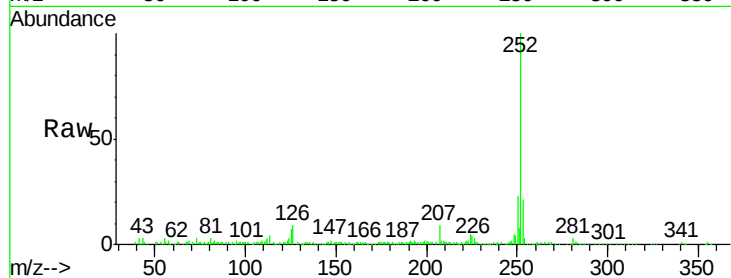
Tot Ion:252 Resp: 147101

Ion Ratio Lower Upper

252 100

253 20.5 17.2 25.8

125 7.2 8.4 12.6#



#91

Benzo(a)pyrene

Concen: 20.04 ng/ul

RT: 24.72 min Scan# 3724

Delta R.T. 0.02 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

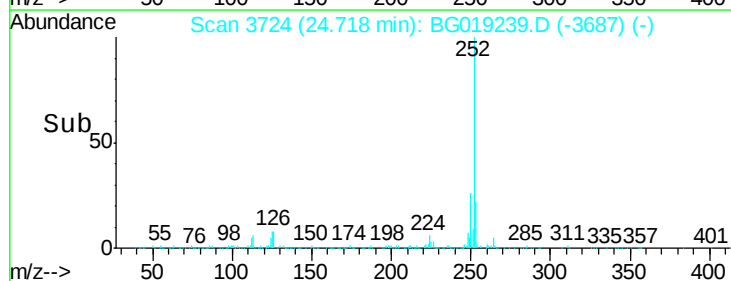
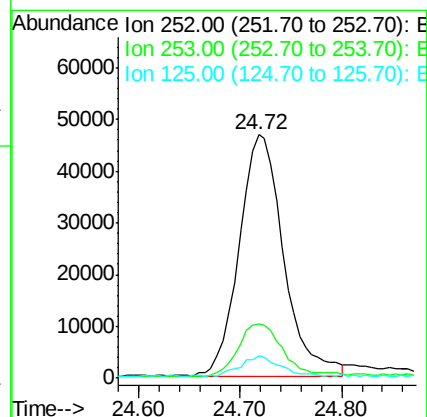
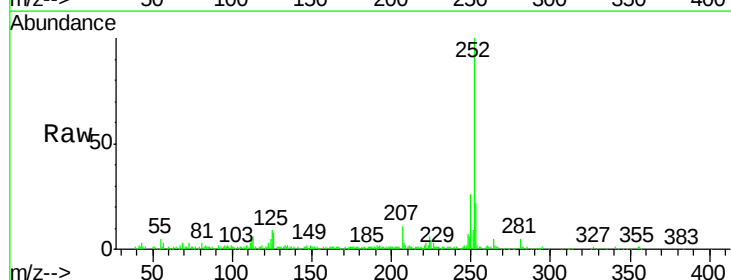
Tgt Ion:252 Resp: 142082

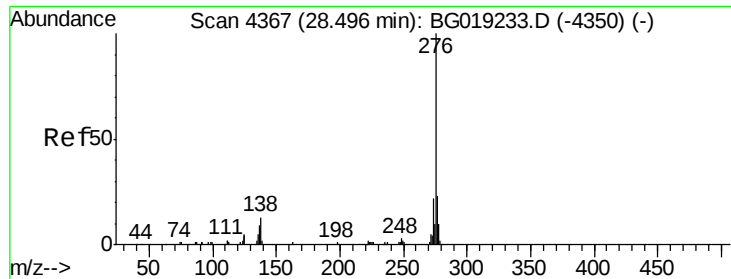
Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

125 9.0 9.4 14.2#





#92

Indeno(1,2,3-cd)pyrene

Concen: 17.71 ng/ul

RT: 28.53 min Scan# 4373

Delta R.T. 0.03 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

Instrument :

BNA\_G

ClientSampleId :

SSTD02014

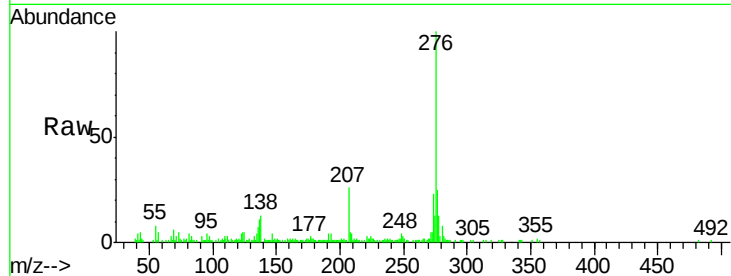
Tot Ion:276 Resp: 149130

Ion Ratio Lower Upper

276 100

138 13.4 14.9 22.3#

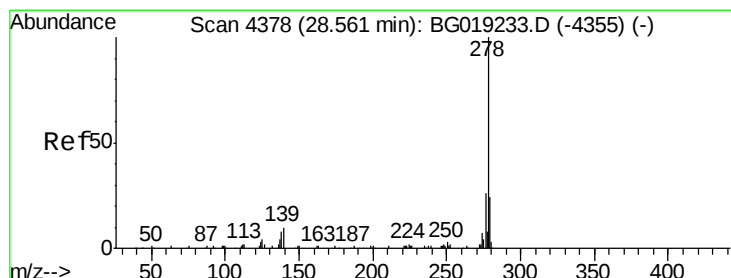
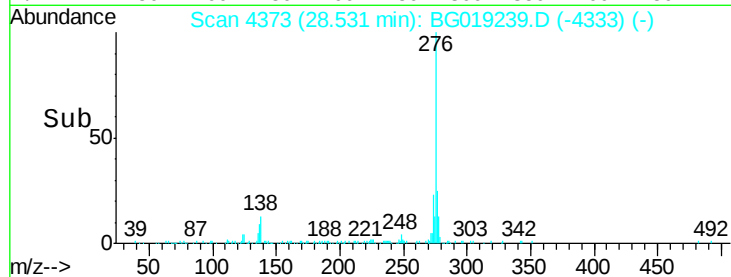
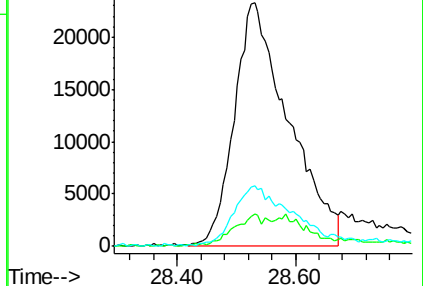
277 25.0 18.0 27.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 17.37 ng/ul

RT: 28.60 min Scan# 4384

Delta R.T. 0.03 min

Lab File: BG019239.D

Acq: 17 Oct 2015 1:08

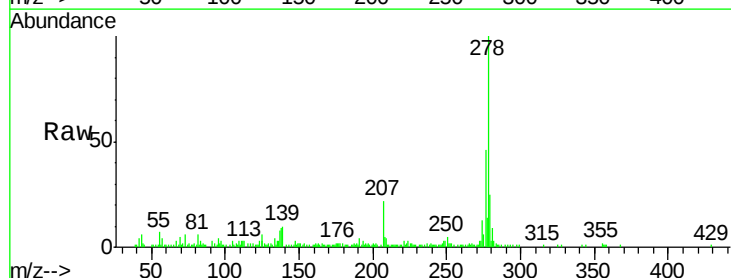
Tgt Ion:278 Resp: 127440

Ion Ratio Lower Upper

278 100

139 10.4 11.2 16.8#

279 25.0 17.6 26.4



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

