

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052616\  
 Data File : BG022084.D  
 Acq On : 26 May 2016 17:03  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

Quant Time: May 27 04:34:06 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 27 04:32:27 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.15  | 152  | 39419    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.97 | 136  | 204663   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.78 | 164  | 124218   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.52 | 188  | 262824   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.81 | 240  | 224117   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 25.13 | 264  | 218094   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.52  | 96  | 5577   | 7.37  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.31  | 99  | 66780  | 18.75 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.47  | 67  | 34470  | 18.46 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.68  | 132 | 57969  | 19.47 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.86  | 113 | 58635  | 19.41 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.33  | 128 | 30199  | 20.01 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 10.05 | 143 | 33221  | 20.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.59 | 165 | 59340  | 20.57 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 11.11 | 131 | 68151  | 21.69 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 14.17 | 166 | 179797 | 19.27 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.47 | 160 | 246269 | 18.90 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.98 | 143 | 32063  | 19.96 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.77 | 176 | 171043 | 19.58 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.89 | 200 | 26759  | 19.48 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.62 | 188 | 238659 | 18.92 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.90 | 212 | 231741 | 18.34 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 24.90 | 264 | 187449 | 18.52 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Qvalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.56  | 88  | 10599  | 7.73  | ng/uL | 95     |
| 4) Benzaldehyde                | 7.29  | 77  | 26822  | 13.67 | ng/ul | 99     |
| 6) Phenol                      | 7.34  | 94  | 66997  | 18.68 | ng/ul | 96     |
| 8) Bis(2-Chloroethyl)ether     | 7.56  | 93  | 50322  | 19.20 | ng/ul | 95     |
| 10) 2-Chlorophenol             | 7.72  | 128 | 57795  | 19.69 | ng/ul | 95     |
| 11) 2-Methylphenol             | 8.60  | 108 | 54530  | 19.03 | ng/ul | 95     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.68  | 45  | 58987  | 18.84 | ng/ul | 96     |
| 14) Acetophenone               | 8.98  | 105 | 84006  | 19.88 | ng/ul | 99     |
| 15) N-Nitroso-di-n-propylamine | 8.96  | 70  | 43542  | 19.96 | ng/ul | 98     |
| 16) 4-Methylphenol             | 8.93  | 108 | 60526  | 19.60 | ng/ul | 94     |
| 17) Hexachloroethane           | 9.24  | 117 | 21621  | 18.48 | ng/ul | 90     |
| 20) Nitrobenzene               | 9.36  | 77  | 59064  | 19.33 | ng/ul | 94     |
| 21) Isophorone                 | 9.89  | 82  | 125304 | 19.24 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 10.08 | 139 | 35228  | 20.61 | ng/ul | 97     |
| 24) 2,4-Dimethylphenol         | 10.14 | 107 | 64493  | 19.55 | ng/ul | 98     |
| 25) Bis(2-Chloroethoxy)methane | 10.36 | 93  | 73964  | 19.79 | ng/ul | 98     |
| 27) 2,4-Dichlorophenol         | 10.62 | 162 | 57744  | 20.40 | ng/ul | 98     |
| 28) Naphthalene                | 11.02 | 128 | 201327 | 19.40 | ng/ul | 98     |
| 30) 4-Chloroaniline            | 11.13 | 127 | 67564  | 21.40 | ng/ul | 98     |
| 31) Hexachlorobutadiene        | 11.30 | 225 | 32386  | 19.41 | ng/ul | 95     |
| 32) Caprolactam                | 11.89 | 113 | 20268  | 17.87 | ng/ul | 98     |
| 33) 4-Chloro-3-methylphenol    | 12.25 | 107 | 61587  | 20.43 | ng/ul | 96     |
| 34) 2-Methylnaphthalene        | 12.62 | 142 | 145909 | 19.67 | ng/ul | 99     |

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG052616\  
 Data File : BG022084.D  
 Acq On : 26 May 2016 17:03  
 Operator : UM/SJ  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

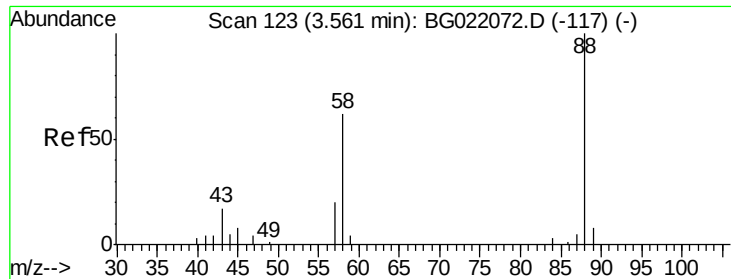
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

Quant Time: May 27 04:34:06 2016  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG052116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri May 27 04:32:27 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.98 | 216  | 66895    | 18.16 | ng/ul  | 95       |
| 37) Hexachlorocyclopentadiene  | 12.95 | 237  | 27636    | 17.41 | ng/ul# | 91       |
| 38) 2,4,6-Trichlorophenol      | 13.22 | 196  | 46540    | 18.70 | ng/ul  | 96       |
| 39) 2,4,5-Trichlorophenol      | 13.30 | 196  | 49019    | 18.56 | ng/ul  | 95       |
| 40) 1,1'-Biphenyl              | 13.62 | 154  | 190245   | 18.60 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.66 | 162  | 146890   | 18.70 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.87 | 65   | 34130    | 19.27 | ng/ul  | 99       |
| 44) Dimethylphthalate          | 14.22 | 163  | 180726   | 19.28 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.35 | 165  | 40832    | 20.30 | ng/ul  | 97       |
| 47) Acenaphthylene             | 14.50 | 152  | 249095   | 18.77 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.69 | 138  | 33628    | 17.45 | ng/ul  | 96       |
| 49) Acenaphthene               | 14.84 | 153  | 170244   | 18.57 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.90 | 184  | 14736    | 18.92 | ng/ul# | 84       |
| 52) 4-Nitrophenol              | 15.00 | 109  | 17901    | 19.76 | ng/ul  | 92       |
| 53) Dibenzofuran               | 15.17 | 168  | 222091   | 19.59 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 15.14 | 165  | 55458    | 20.45 | ng/ul  | 94       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.40 | 232  | 40380    | 19.34 | ng/ul  | 97       |
| 56) Diethylphthalate           | 15.58 | 149  | 190137   | 19.55 | ng/ul  | 99       |
| 58) Fluorene                   | 15.83 | 166  | 184475   | 19.28 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.81 | 204  | 84642    | 19.64 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.85 | 138  | 34084    | 16.11 | ng/ul  | 97       |
| 63) 4,6-Dinitro-2-methylphenol | 15.91 | 198  | 26852    | 18.89 | ng/ul# | 97       |
| 64) N-Nitrosodiphenylamine     | 16.02 | 169  | 152326   | 18.33 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.71 | 248  | 50344    | 18.95 | ng/ul  | 92       |
| 66) Hexachlorobenzene          | 16.83 | 284  | 57230    | 18.56 | ng/ul  | 97       |
| 67) Atrazine                   | 16.96 | 200  | 55046    | 19.23 | ng/ul  | 96       |
| 68) Pentachlorophenol          | 17.18 | 266  | 23973    | 14.93 | ng/ul  | 98       |
| 69) Phenanthrene               | 17.56 | 178  | 276376   | 18.90 | ng/ul  | 100      |
| 71) Anthracene                 | 17.66 | 178  | 276915   | 18.70 | ng/ul  | 99       |
| 72) Carbazole                  | 17.93 | 167  | 246030   | 19.17 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.46 | 149  | 327376   | 19.04 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.57 | 202  | 285546   | 19.11 | ng/ul  | 99       |
| 77) Pyrene                     | 19.93 | 202  | 290380   | 18.41 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.79 | 149  | 137147   | 18.35 | ng/ul  | 97       |
| 79) 3,3'-Dichlorobenzidine     | 21.69 | 252  | 76005    | 18.05 | ng/ul  | 97       |
| 80) Benzo(a)anthracene         | 21.78 | 228  | 241657   | 18.39 | ng/ul  | 97       |
| 81) Bis(2-ethylhexyl)phthalate | 21.66 | 149  | 191457   | 18.00 | ng/ul  | 97       |
| 82) Chrysene                   | 21.85 | 228  | 218081   | 17.30 | ng/ul  | 97       |
| 84) Di-n-octyl phthalate       | 22.90 | 149  | 323217   | 18.19 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 24.06 | 252  | 238367   | 18.68 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 24.14 | 252  | 214245   | 17.25 | ng/ul  | 96       |
| 88) Benzo(a)pyrene             | 24.97 | 252  | 222301   | 18.05 | ng/ul  | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 28.95 | 276  | 261243   | 18.50 | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 29.00 | 278  | 211442   | 17.90 | ng/ul  | 97       |
| 91) Benzo(g,h,i)perylene       | 30.13 | 276  | 214627   | 18.98 | ng/ul  | 96       |

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





#2

1,4-Dioxane

Concen: 7.73 ng/uL

RT: 3.56 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

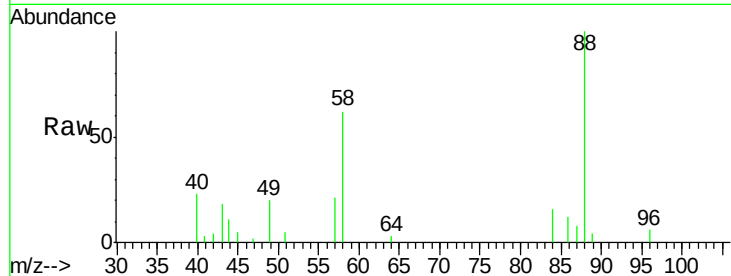
Tgt Ion: 88 Resp: 10599

Ion Ratio Lower Upper

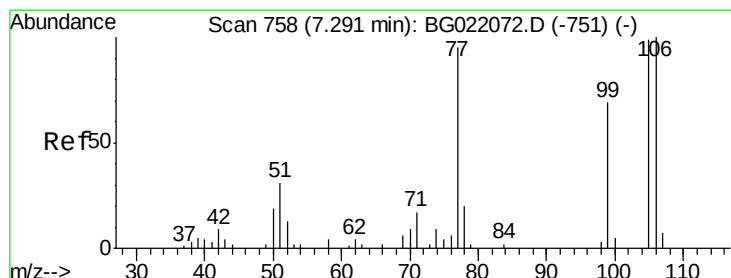
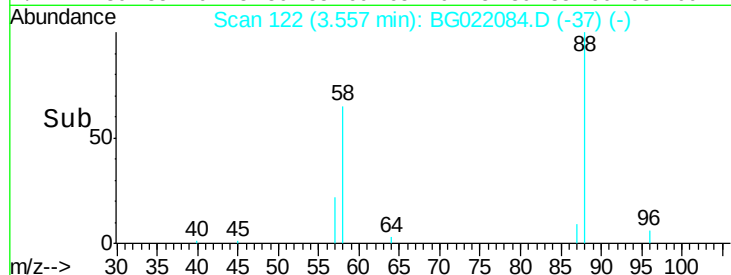
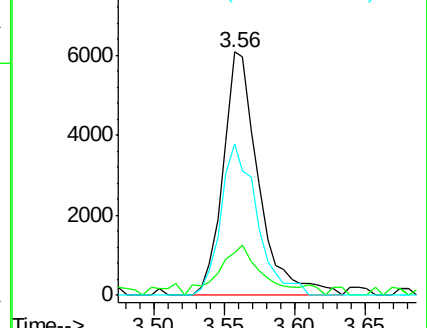
88 100

43 17.5 16.6 24.8

58 62.2 47.2 70.8



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: 13.67 ng/uL

RT: 7.29 min Scan# 757

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

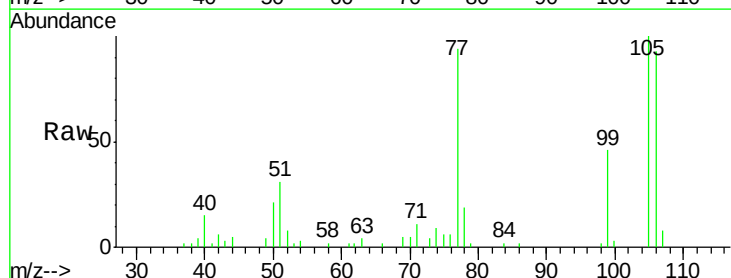
Tgt Ion: 77 Resp: 26822

Ion Ratio Lower Upper

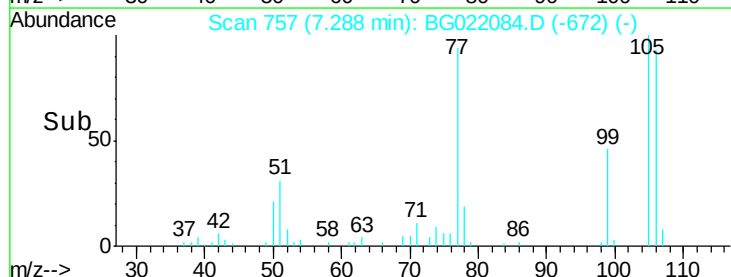
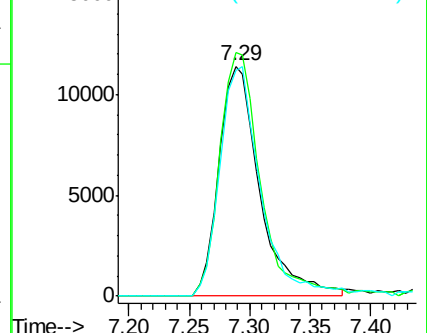
77 100

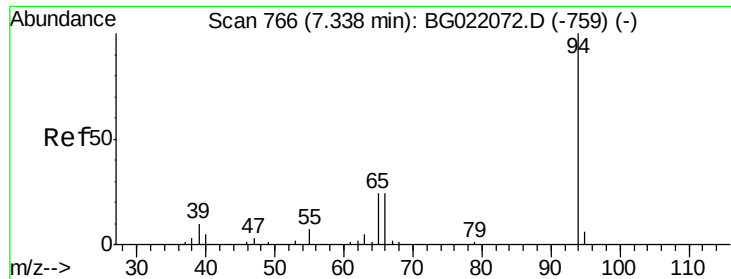
105 105.9 83.8 125.8

106 98.3 77.9 116.9



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: 18.68 ng/ul

RT: 7.34 min Scan# 766

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

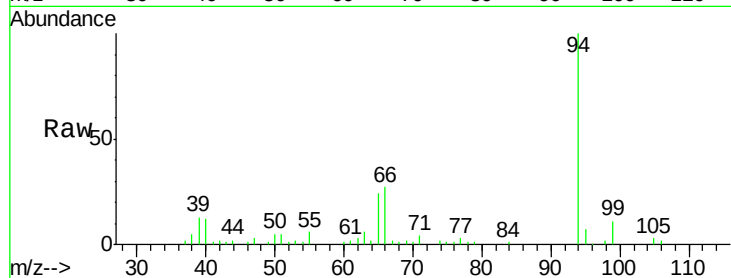
Tgt Ion: 94 Resp: 66997

Ion Ratio Lower Upper

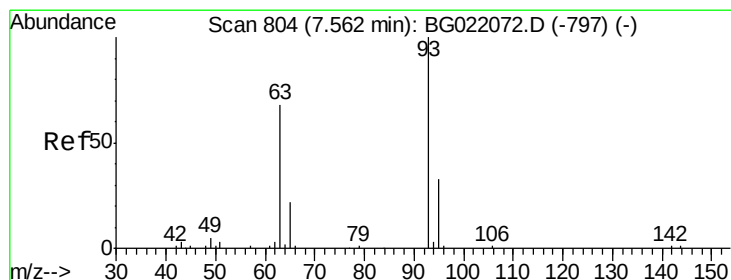
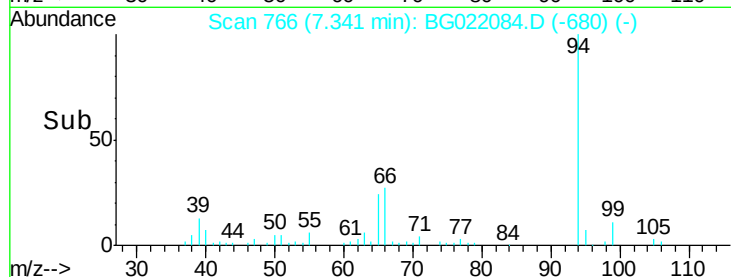
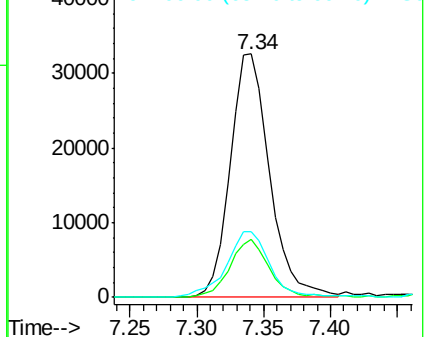
94 100

65 23.8 16.8 25.2

66 27.0 22.6 33.8



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: 19.20 ng/ul

RT: 7.56 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

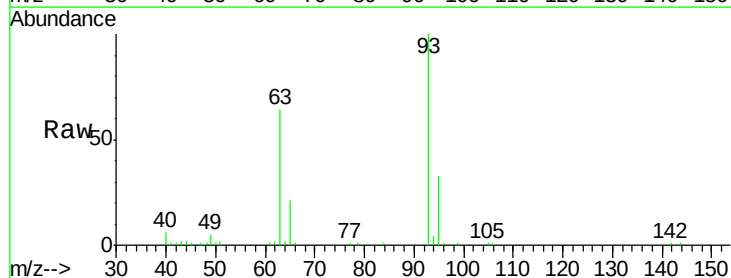
Tgt Ion: 93 Resp: 50322

Ion Ratio Lower Upper

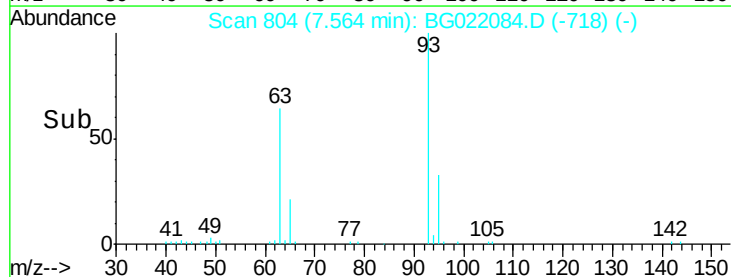
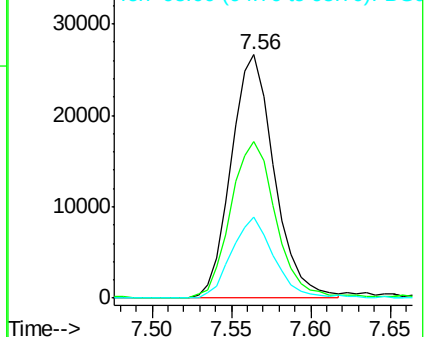
93 100

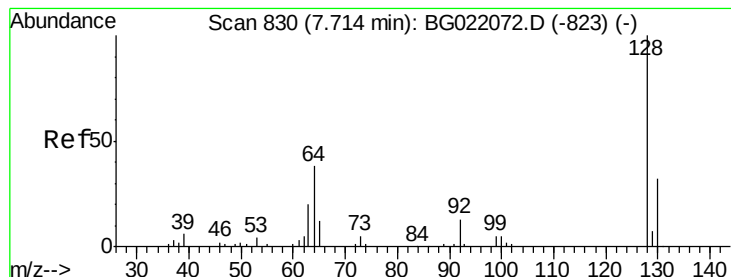
63 64.4 56.0 84.0

95 33.2 27.7 41.5



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: 19.69 ng/ul

RT: 7.72 min Scan# 830

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

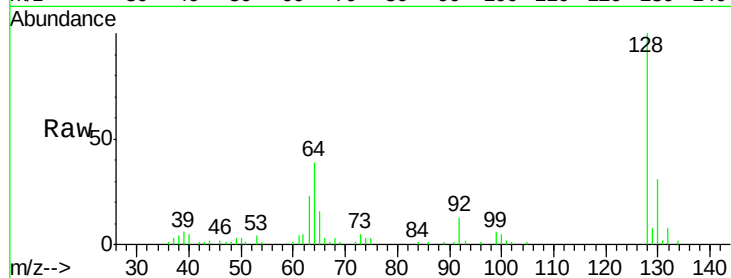
Tgt Ion:128 Resp: 57795

Ion Ratio Lower Upper

128 100

64 39.2 34.2 51.4

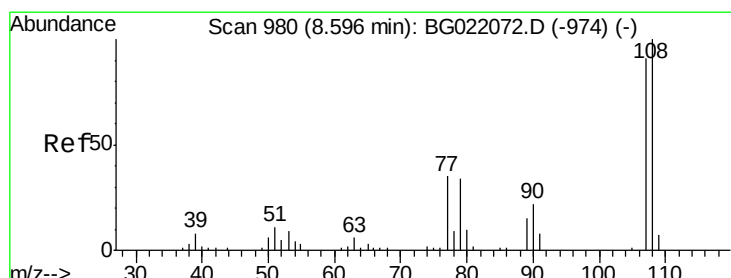
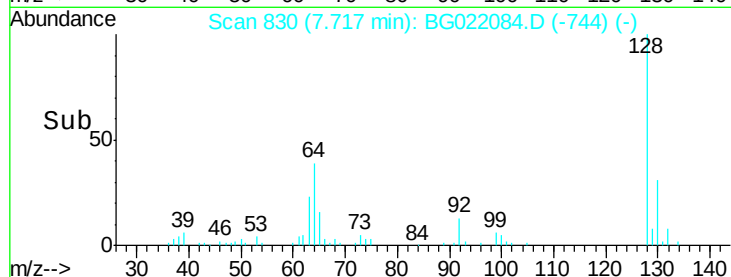
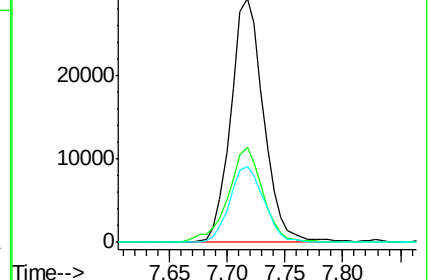
130 30.9 27.0 40.4



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: 19.03 ng/ul

RT: 8.60 min Scan# 980

Delta R.T. 0.00 min

Lab File: BG022084.D

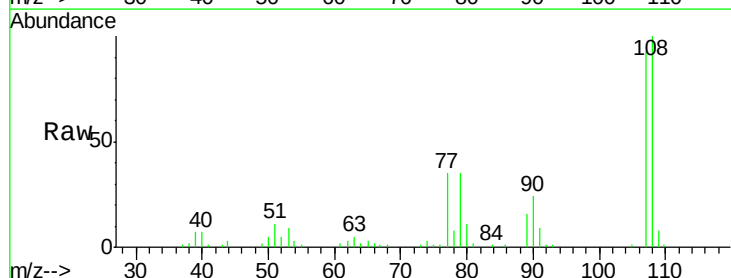
Acq: 26 May 2016 17:03

Tgt Ion:108 Resp: 54530

Ion Ratio Lower Upper

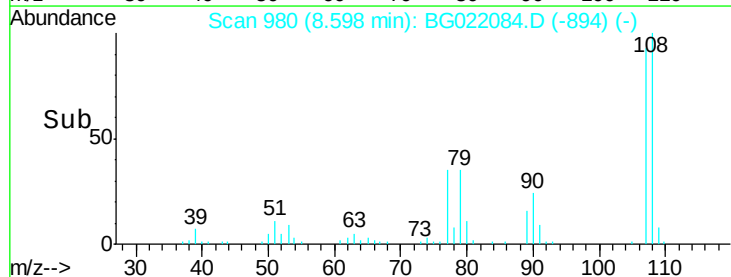
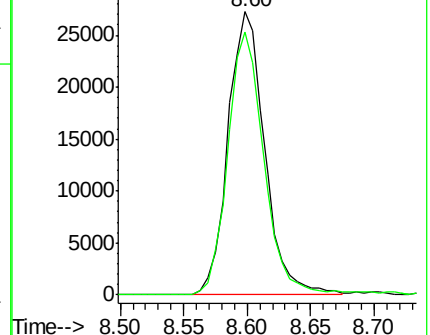
108 100

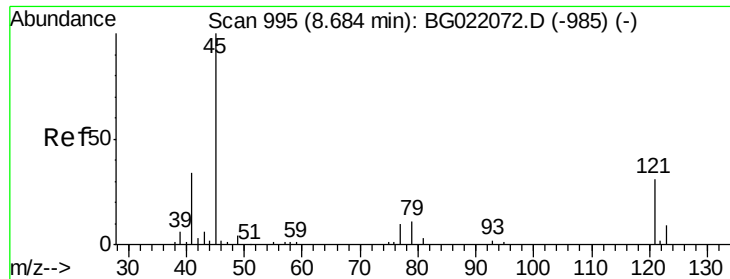
107 93.0 78.6 117.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

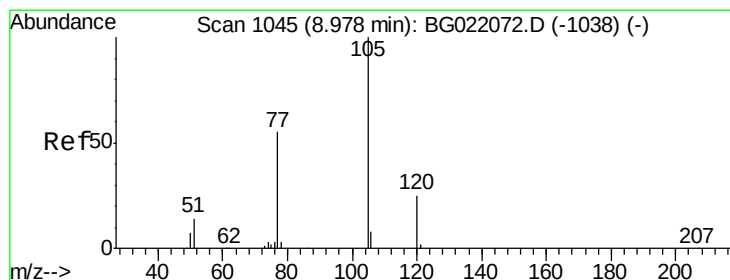
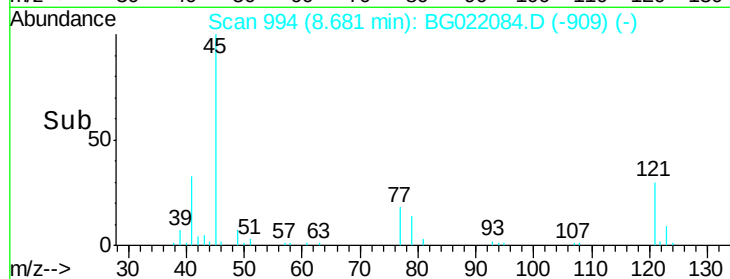
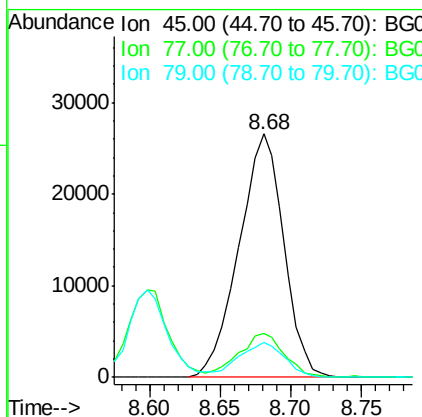
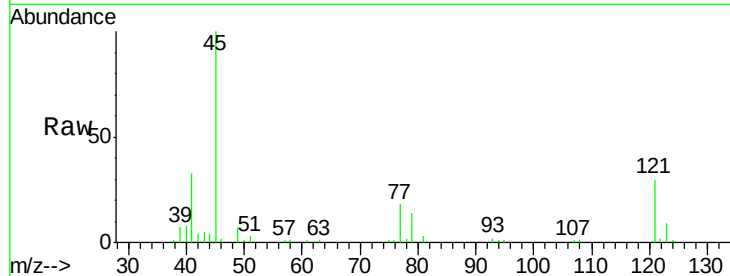




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 18.84 ng/ul  
RT: 8.68 min Scan# 994  
Delta R.T. -0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

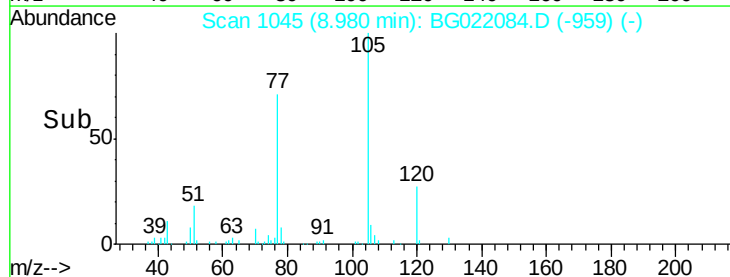
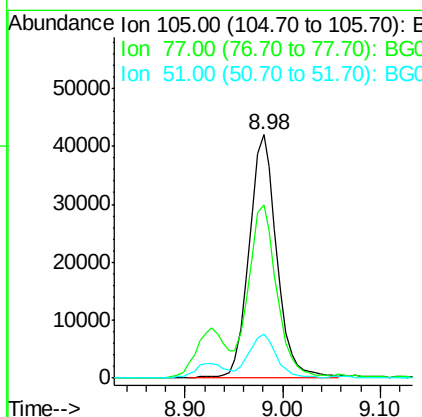
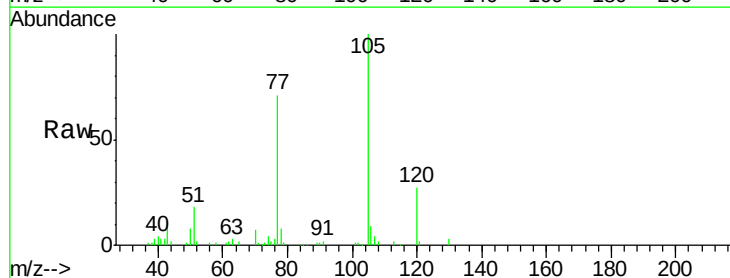
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.3  | 13.4  | 20.2  |
| 79      | 14.3  | 10.2  | 15.4  |

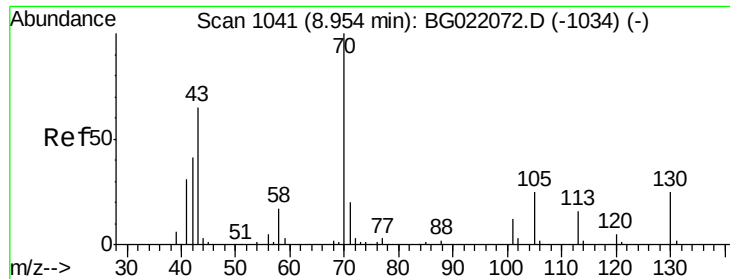


#14  
Acetophenone  
Concen: 19.88 ng/ul  
RT: 8.98 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 71.2  | 56.1  | 84.1  |
| 51      | 17.9  | 14.6  | 22.0  |



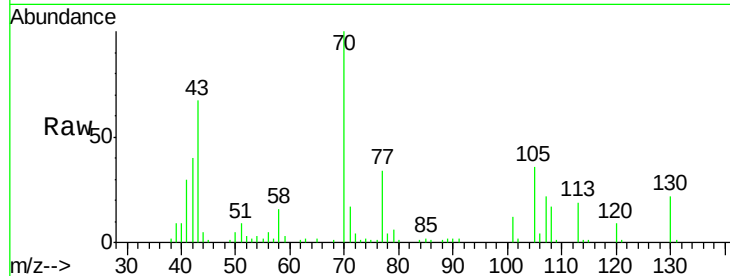




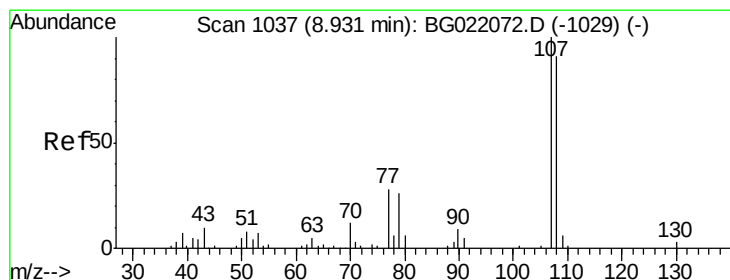
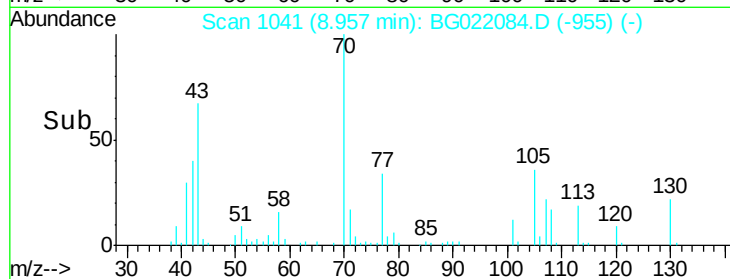
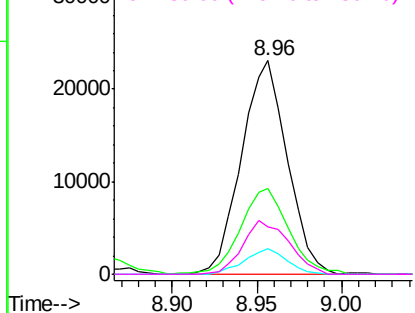
#15  
N-Nitroso-di-n-propylamine  
Concen: 19.96 ng/ul  
RT: 8.96 min Scan# 1041  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 43542 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 39.9  | 31.4  | 47.2  |
| 101      | 11.9  | 8.6   | 13.0  |
| 130      | 22.4  | 19.0  | 28.4  |

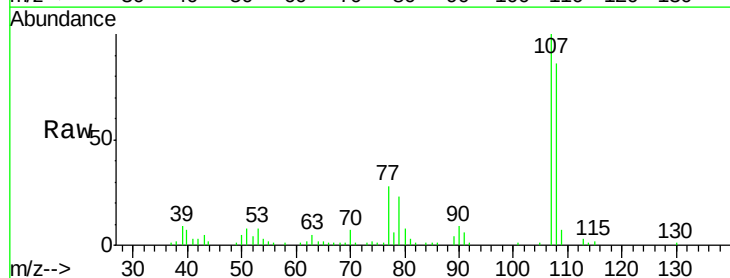


Abundance Ion 70.00 (69.70 to 70.70): BG022072.D (-1034) (-)

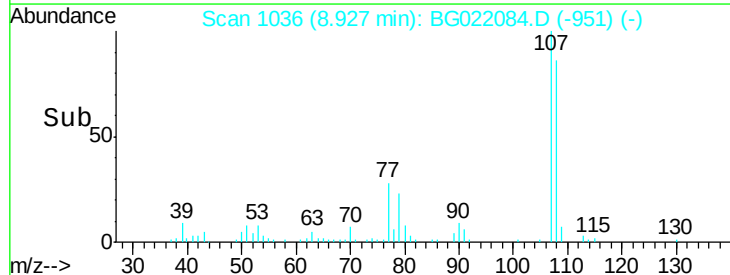
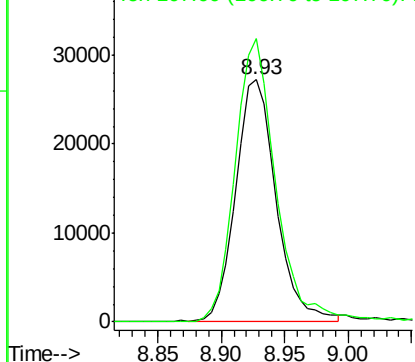


#16  
4-Methylphenol  
Concen: 19.60 ng/ul  
RT: 8.93 min Scan# 1036  
Delta R.T. -0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

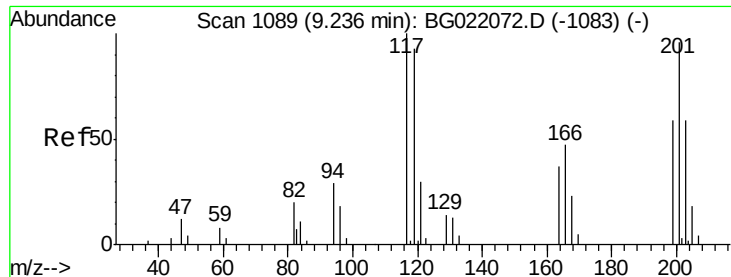
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 108   | Resp: | 60526 |
| Ion      | Ratio | Lower | Upper |
| 108      | 100   |       |       |
| 107      | 116.9 | 88.3  | 132.5 |



Abundance Ion 108.00 (107.70 to 108.70): BG022072.D (-1029) (-)



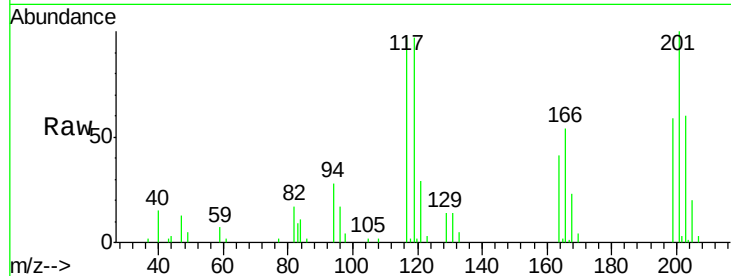




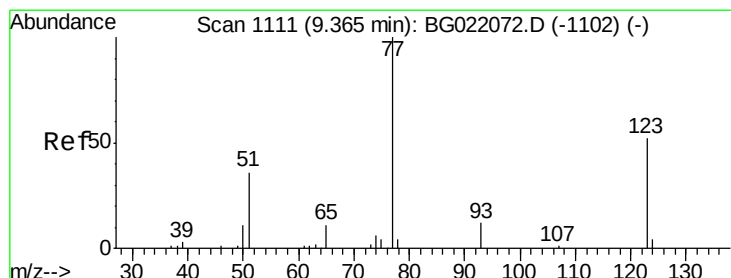
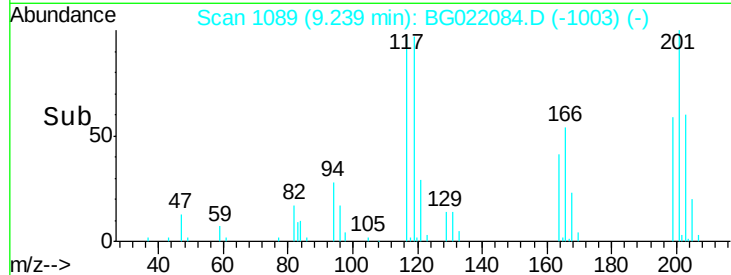
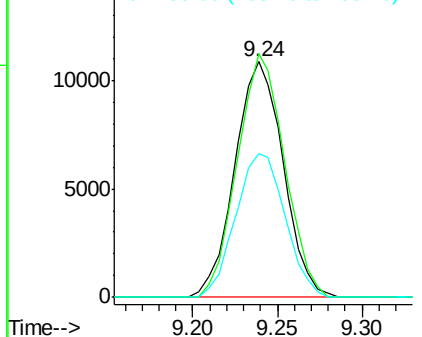
#17  
Hexachloroethane  
Concen: 18.48 ng/ul  
RT: 9.24 min Scan# 1089  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

Tgt Ion: 117 Resp: 21621  
Ion Ratio Lower Upper  
117 100  
201 106.2 76.8 115.2  
199 60.8 43.5 65.3

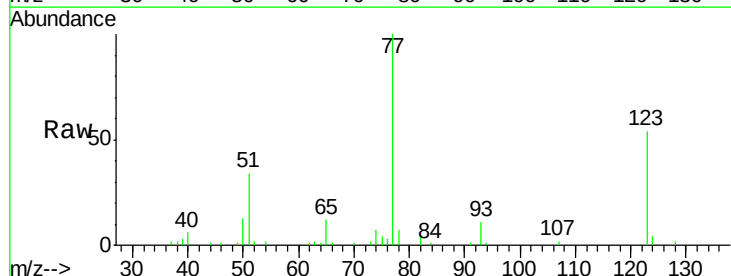


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

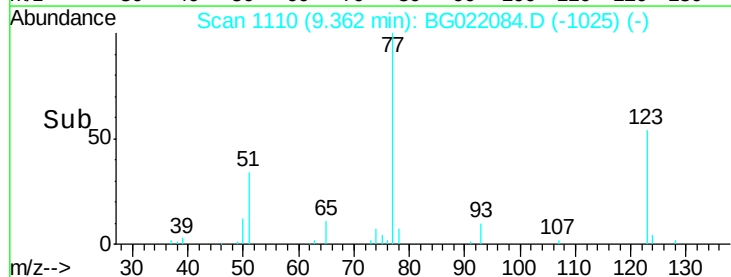
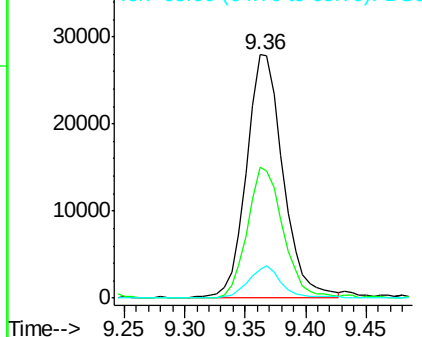


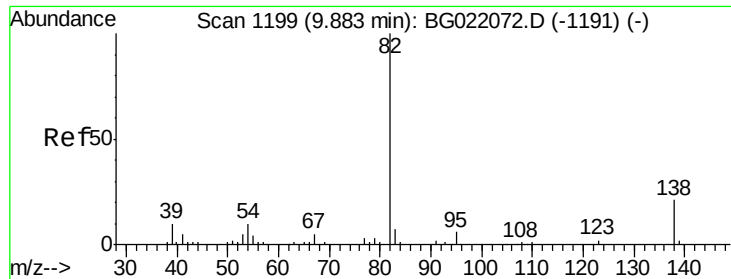
#20  
Nitrobenzene  
Concen: 19.33 ng/ul  
RT: 9.36 min Scan# 1110  
Delta R.T. -0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Tgt Ion: 77 Resp: 59064  
Ion Ratio Lower Upper  
77 100  
123 53.9 39.5 59.3  
65 11.7 9.0 13.4



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





#21

Isophorone

Concen: 19.24 ng/ul

RT: 9.89 min Scan# 1199

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

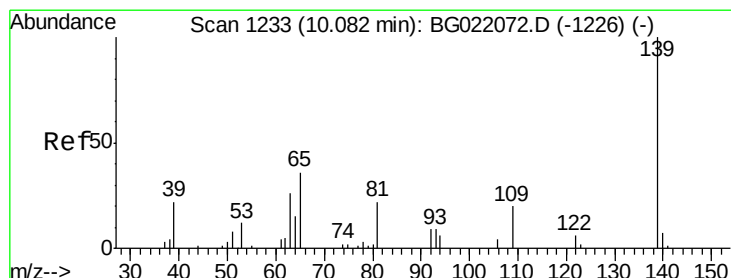
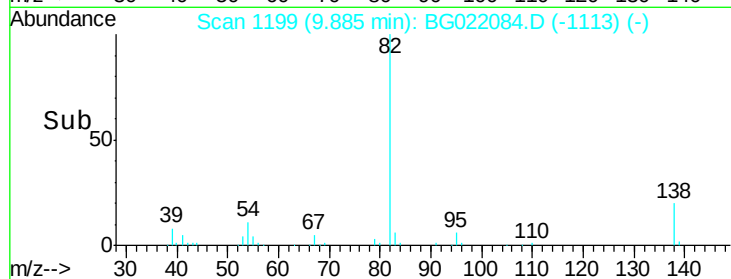
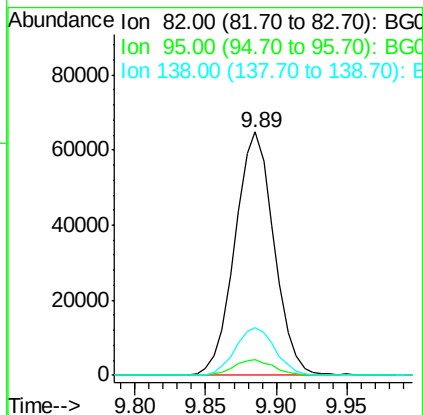
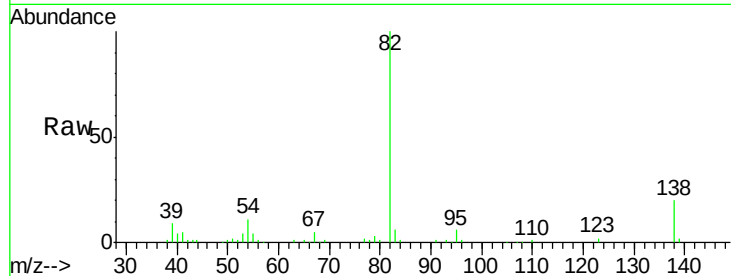
Tgt Ion: 82 Resp: 125304

Ion Ratio Lower Upper

82 100

95 6.3 5.1 7.7

138 19.5 15.0 22.6



#23

2-Nitrophenol

Concen: 20.61 ng/ul

RT: 10.08 min Scan# 1232

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

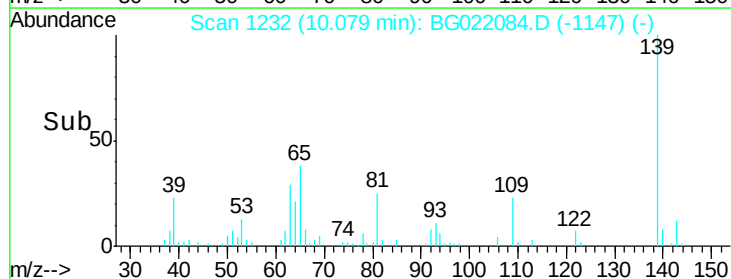
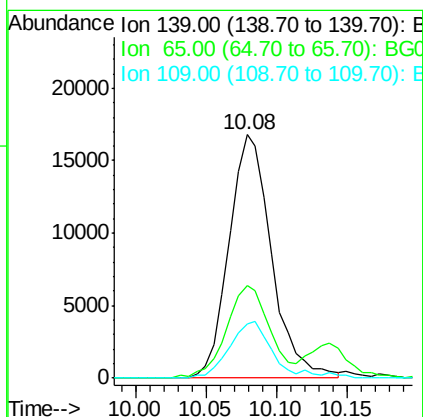
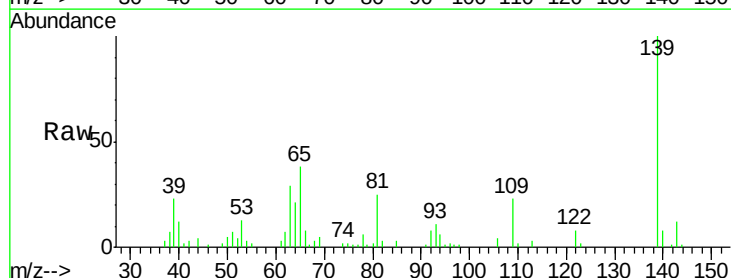
Tgt Ion: 139 Resp: 35228

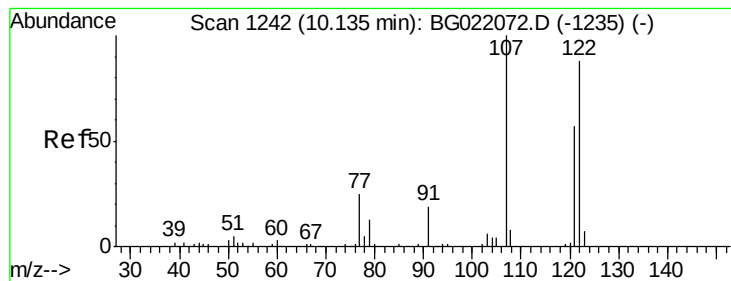
Ion Ratio Lower Upper

139 100

65 38.0 31.8 47.8

109 22.5 17.1 25.7





#24

2,4-Dimethylphenol

Concen: 19.55 ng/ul

RT: 10.14 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampled :

SSTD02019

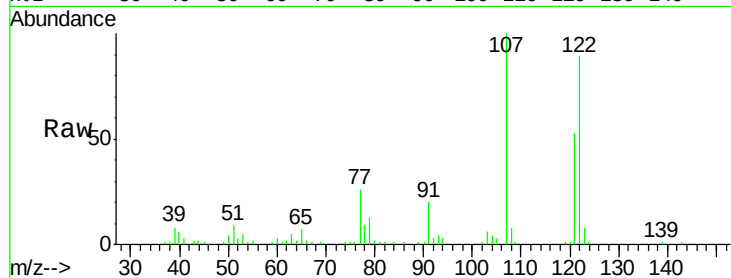
Tgt Ion: 107 Resp: 64493

Ion Ratio Lower Upper

107 100

121 52.9 43.7 65.5

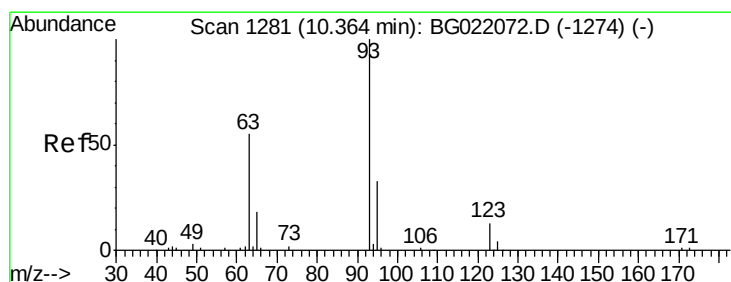
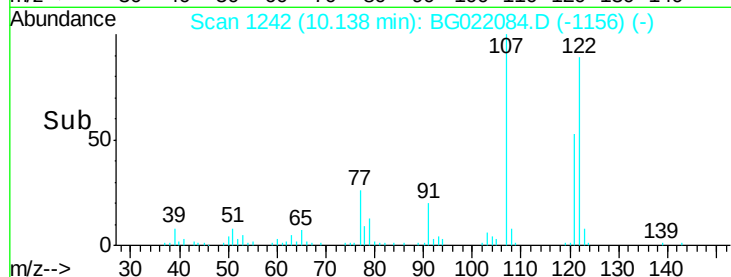
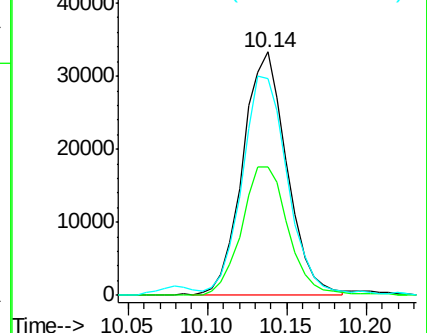
122 89.0 70.3 105.5



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.79 ng/ul

RT: 10.36 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

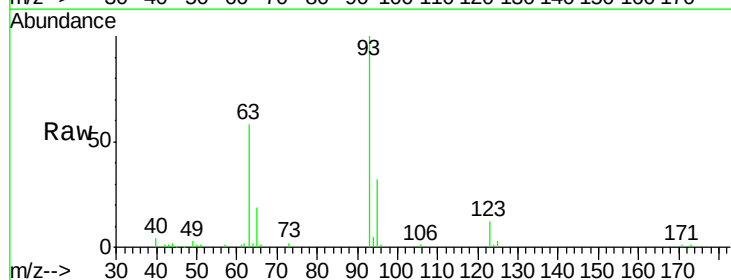
Tgt Ion: 93 Resp: 73964

Ion Ratio Lower Upper

93 100

95 31.7 26.0 39.0

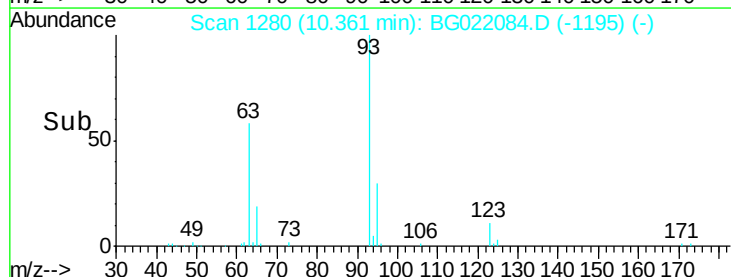
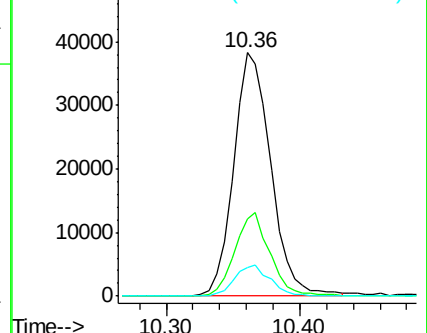
123 11.8 10.1 15.1

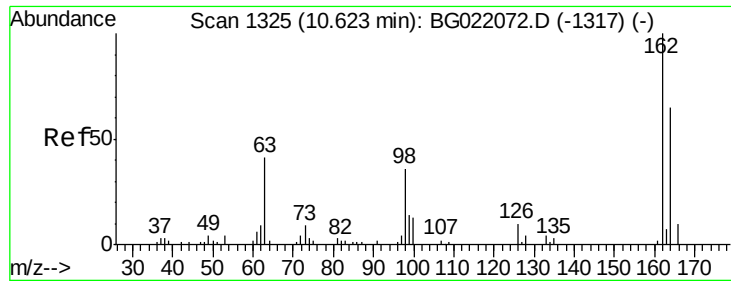


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

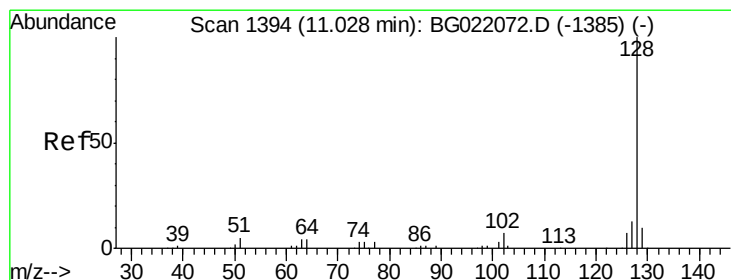
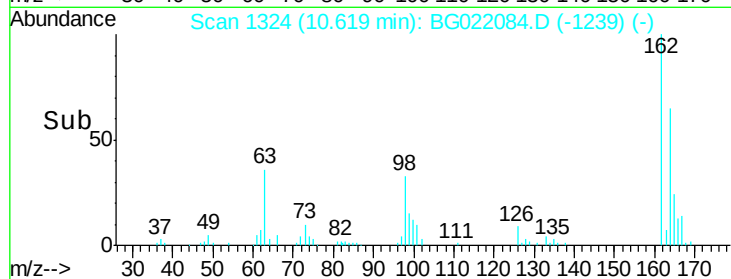
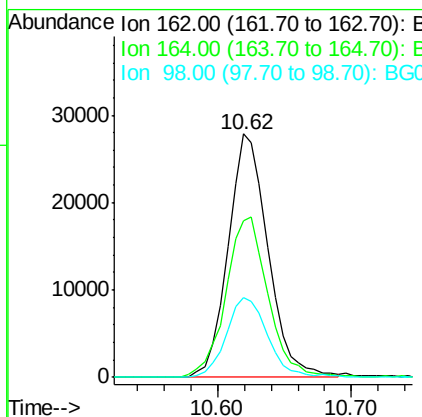
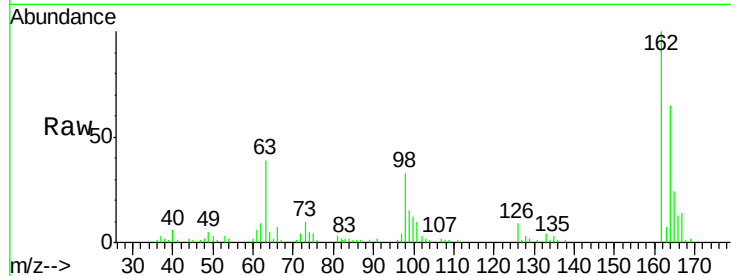




#27  
 2,4-Dichlorophenol  
 Concen: 20.40 ng/ul  
 RT: 10.62 min Scan# 1324  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

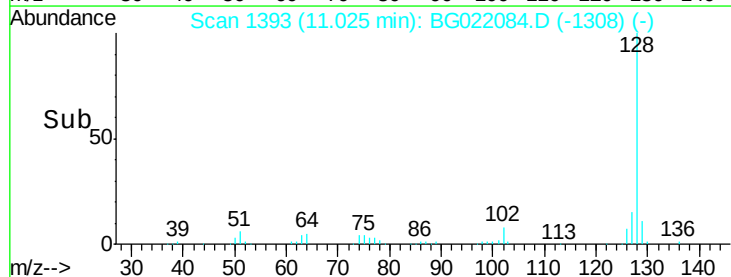
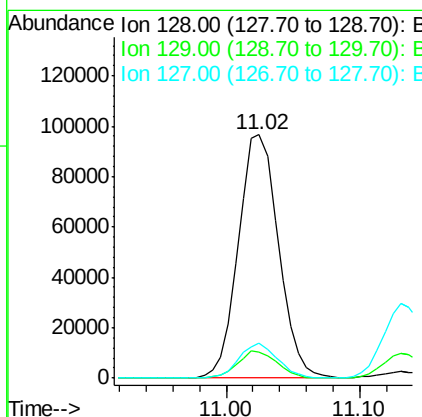
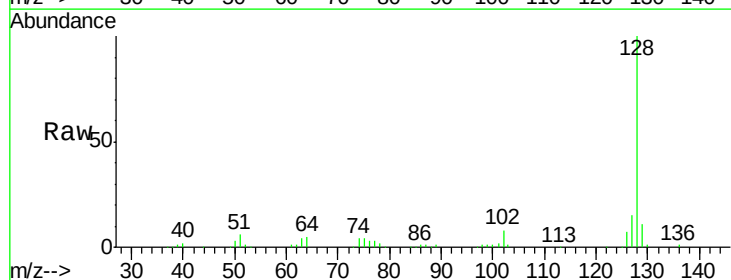
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

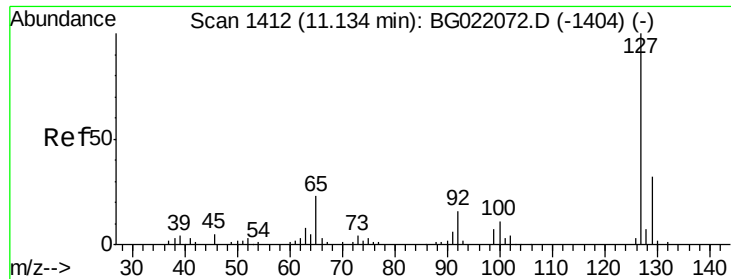
Tgt Ion:162 Resp: 57744  
 Ion Ratio Lower Upper  
 162 100  
 164 64.5 51.6 77.4  
 98 32.6 28.3 42.5



#28  
 Naphthalene  
 Concen: 19.40 ng/ul  
 RT: 11.02 min Scan# 1393  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:128 Resp: 201327  
 Ion Ratio Lower Upper  
 128 100  
 129 10.9 9.4 14.2  
 127 14.6 11.2 16.8

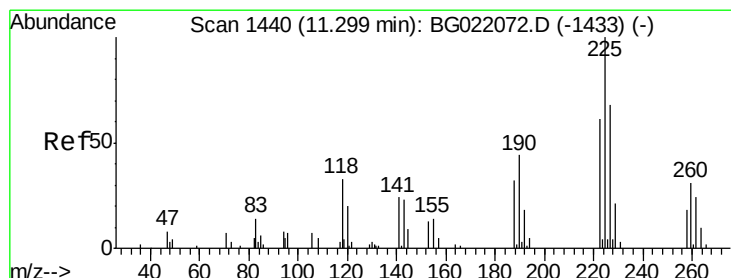
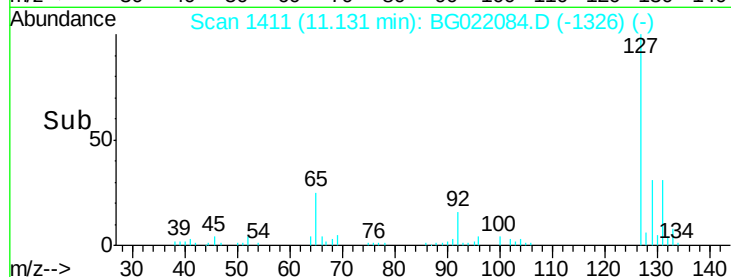
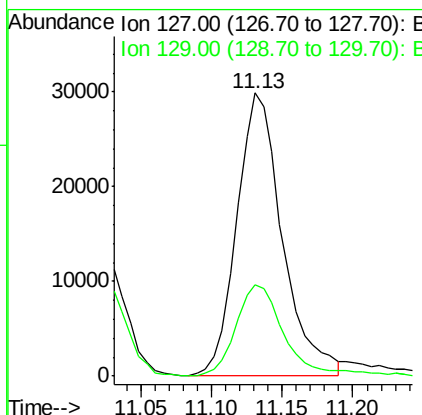
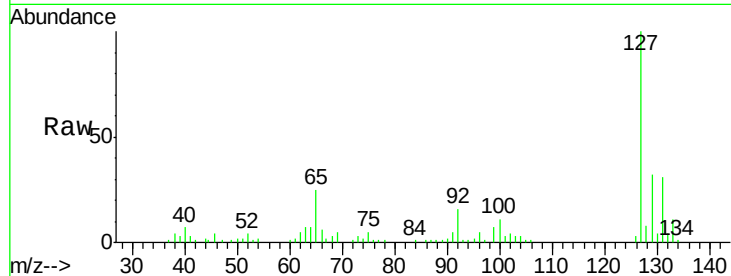




#30  
 4-Chloroaniline  
 Concen: 21.40 ng/ul  
 RT: 11.13 min Scan# 1411  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

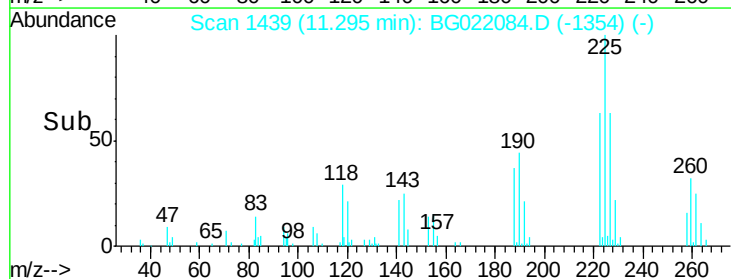
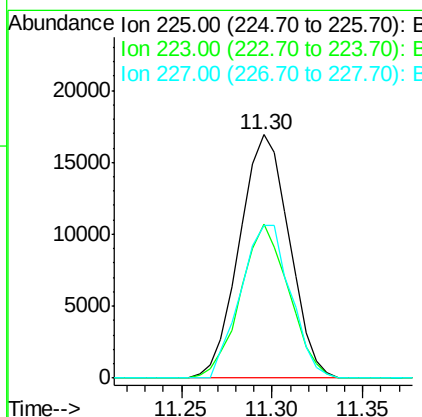
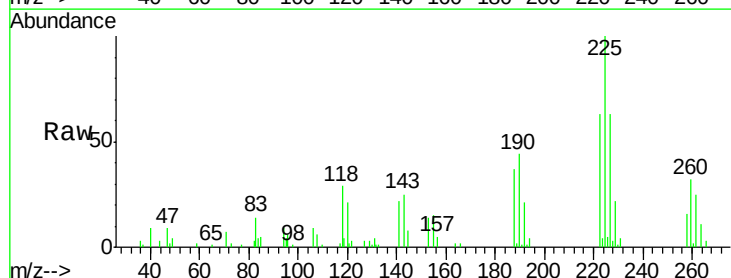
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

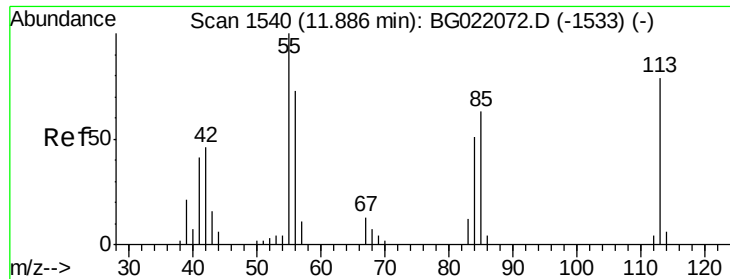
Tgt Ion:127 Resp: 67564  
 Ion Ratio Lower Upper  
 127 100  
 129 32.3 26.9 40.3



#31  
 Hexachlorobutadiene  
 Concen: 19.41 ng/ul  
 RT: 11.30 min Scan# 1439  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:225 Resp: 32386  
 Ion Ratio Lower Upper  
 225 100  
 223 63.4 54.7 82.1  
 227 62.9 52.2 78.4





#32

Caprolactam

Concen: 17.87 ng/ul

RT: 11.89 min Scan# 1540

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

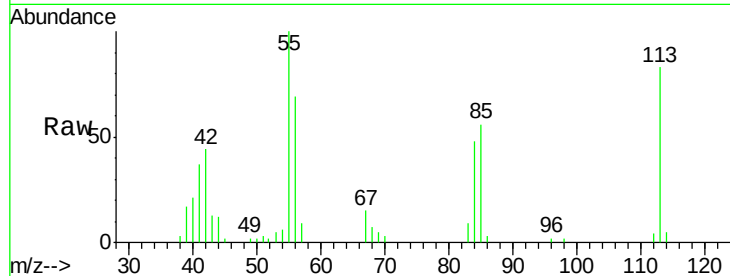
Tgt Ion:113 Resp: 20268

Ion Ratio Lower Upper

113 100

55 120.5 99.6 149.4

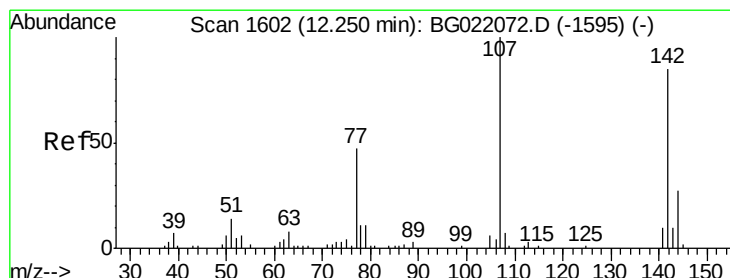
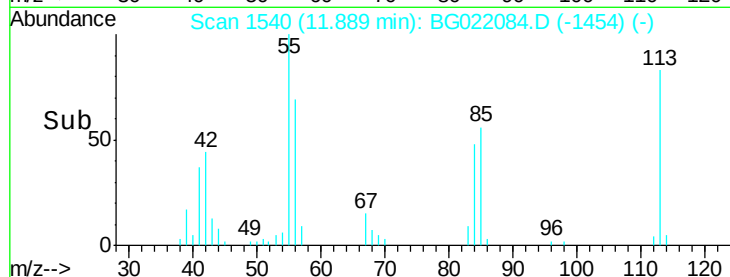
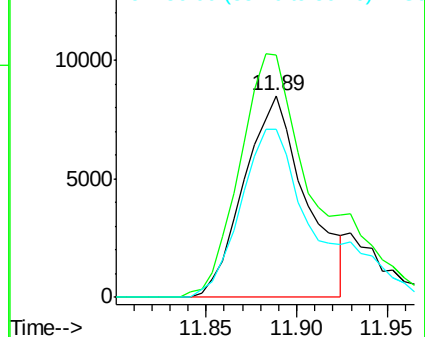
56 83.3 66.4 99.6



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: 20.43 ng/ul

RT: 12.25 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

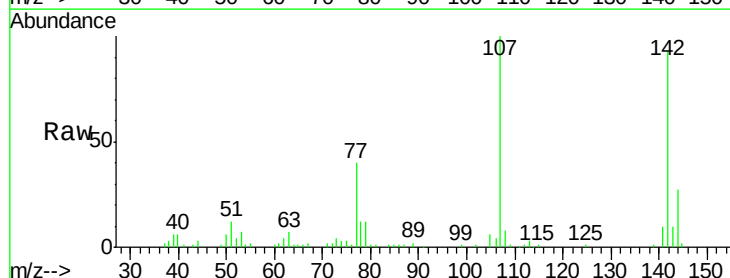
Tgt Ion:107 Resp: 61587

Ion Ratio Lower Upper

107 100

144 27.5 22.7 34.1

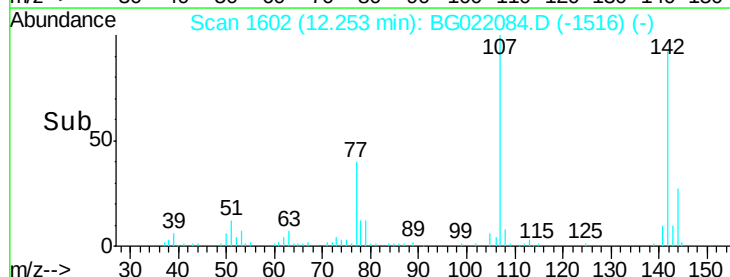
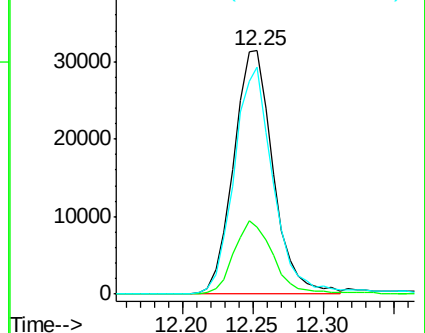
142 93.3 71.6 107.4

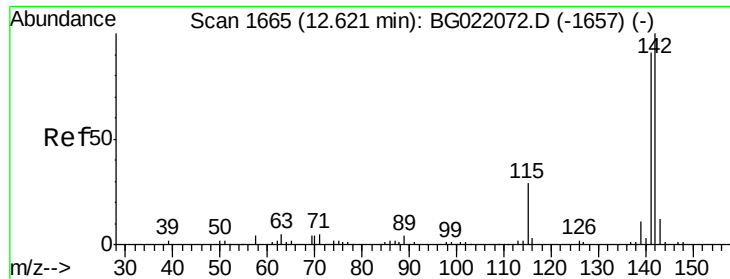


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.67 ng/ul

RT: 12.62 min Scan# 1664

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

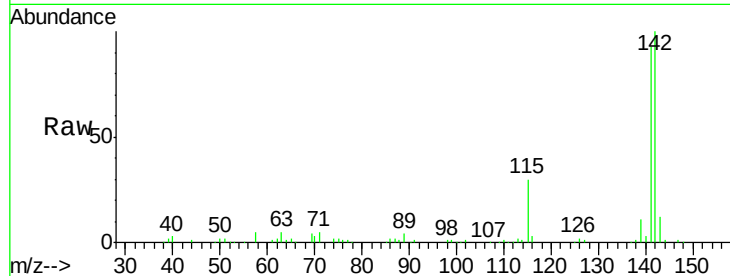
SSTD02019

Tgt Ion:142 Resp: 145909

Ion Ratio Lower Upper

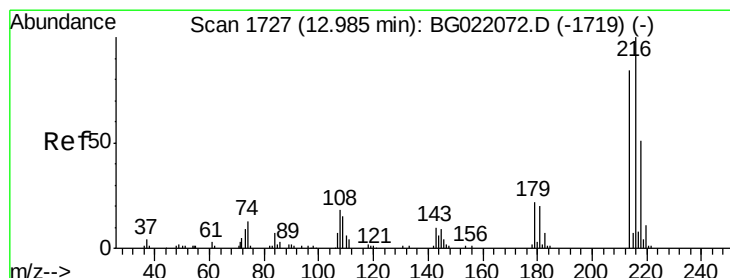
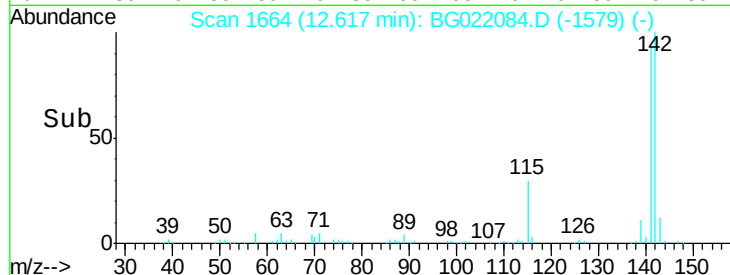
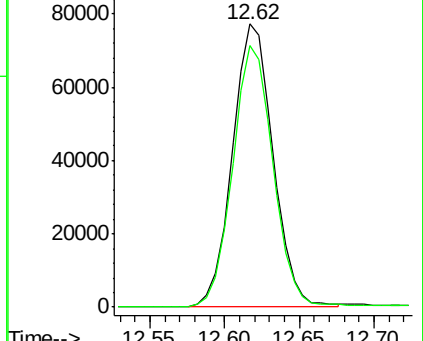
142 100

141 92.6 75.2 112.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.16 ng/ul

RT: 12.98 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Tgt Ion:216 Resp: 66895

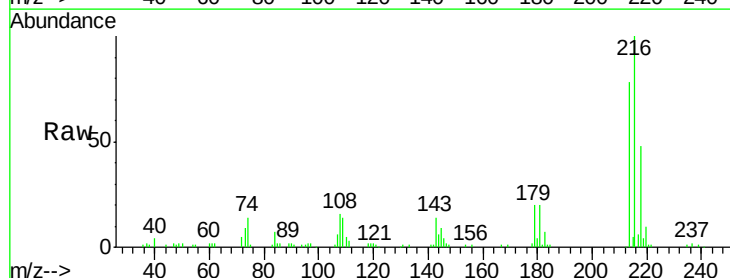
Ion Ratio Lower Upper

216 100

214 73.3 61.7 92.5

179 18.7 17.0 25.4

108 14.6 14.2 21.2

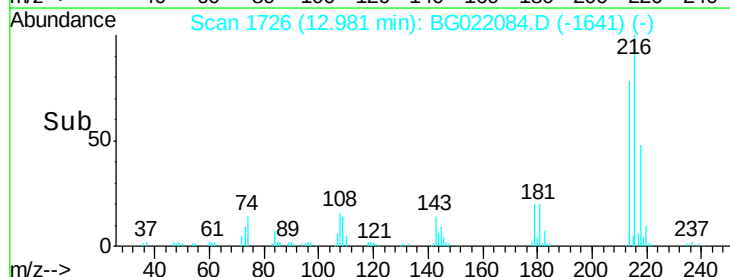
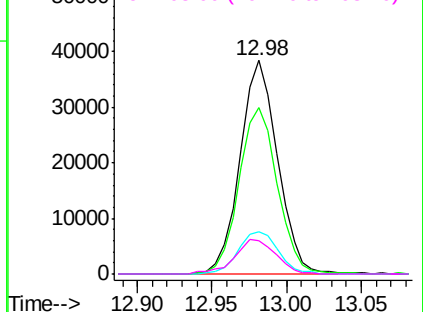


Abundance Ion 216.00 (215.70 to 216.70): E

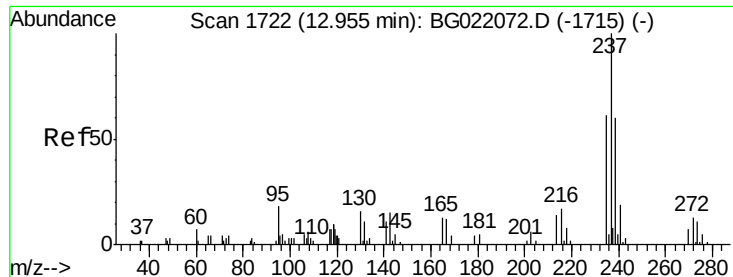
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#37

Hexachlorocyclopentadiene

Concen: 17.41 ng/ul

RT: 12.95 min Scan# 1721

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

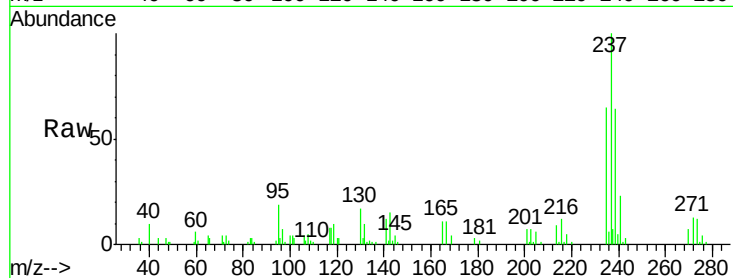
Tgt Ion:237 Resp: 27636

Ion Ratio Lower Upper

237 100

235 66.1 49.6 74.4

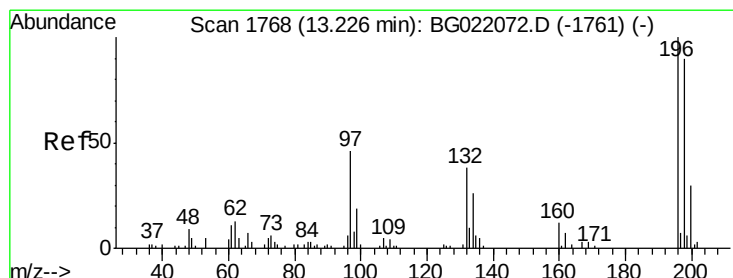
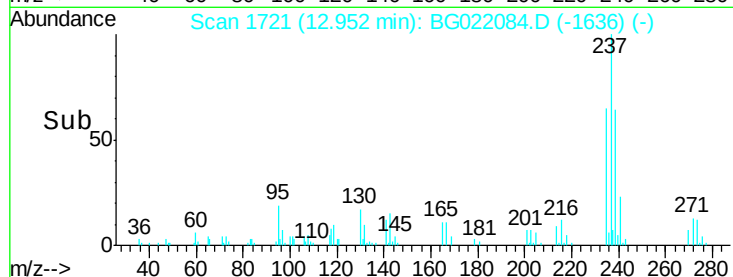
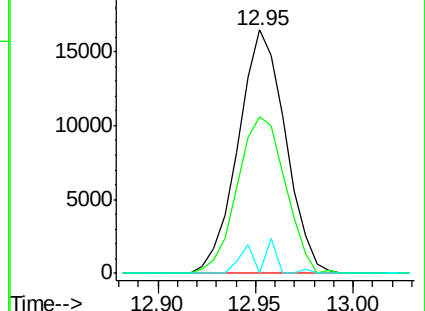
272 0.0 9.3 13.9#



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



#38

2,4,6-Trichlorophenol

Concen: 18.70 ng/ul

RT: 13.22 min Scan# 1767

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

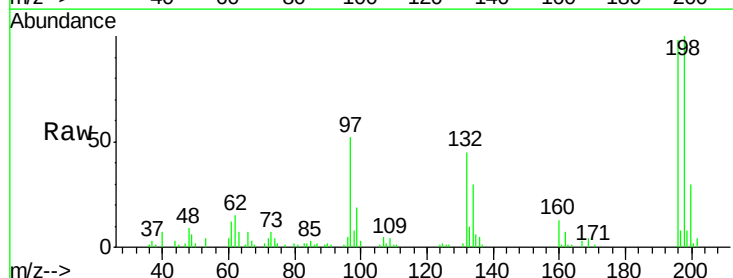
Tgt Ion:196 Resp: 46540

Ion Ratio Lower Upper

196 100

198 102.2 77.4 116.0

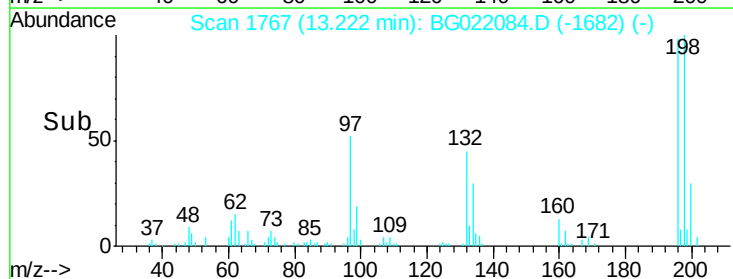
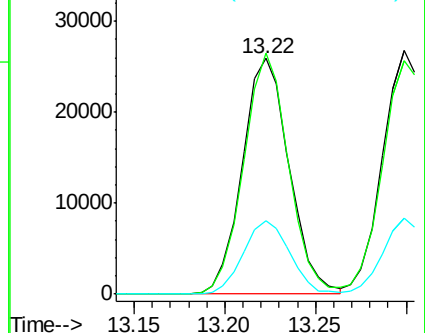
200 33.4 26.6 39.8

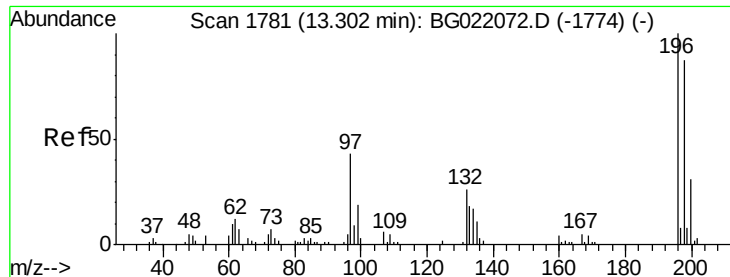


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

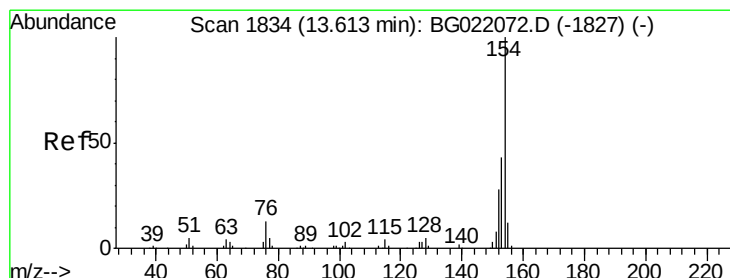
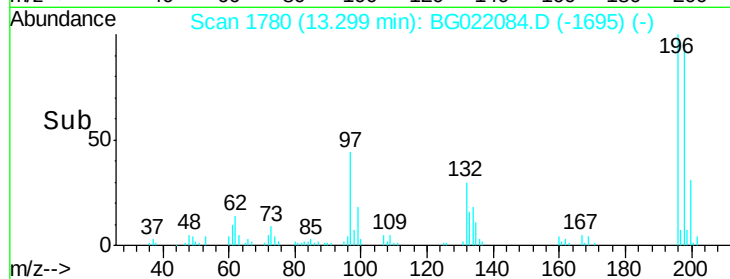
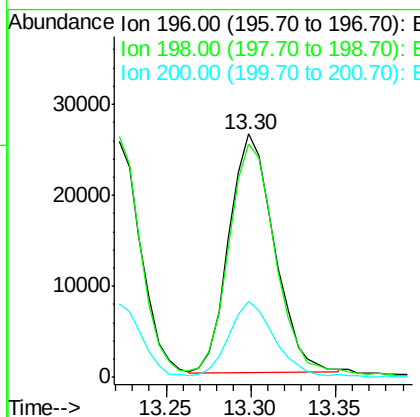
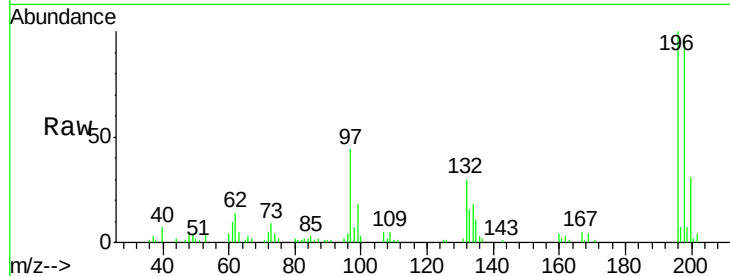




#39  
 2,4,5-Trichlorophenol  
 Concen: 18.56 ng/ul  
 RT: 13.30 min Scan# 1780  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

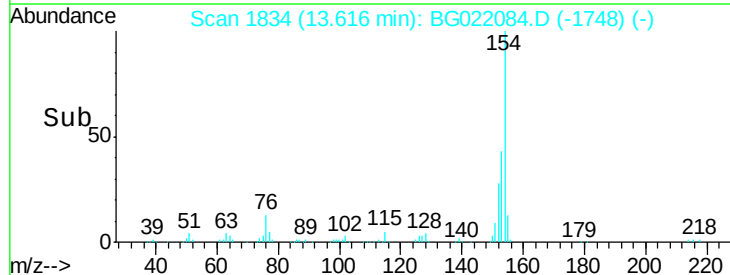
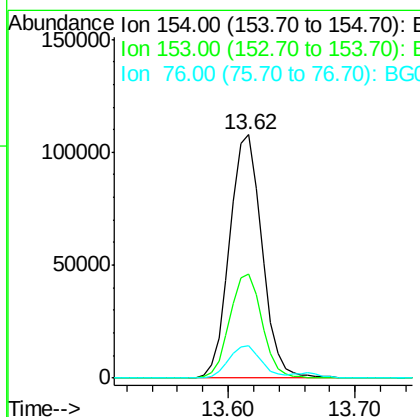
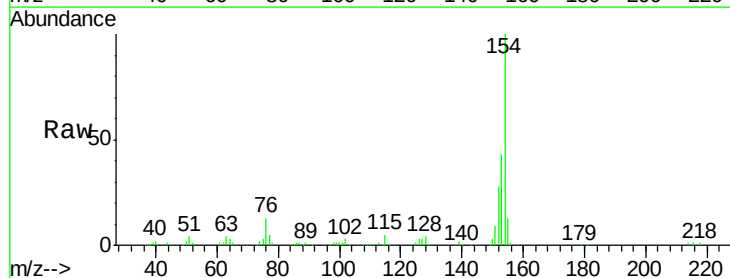
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

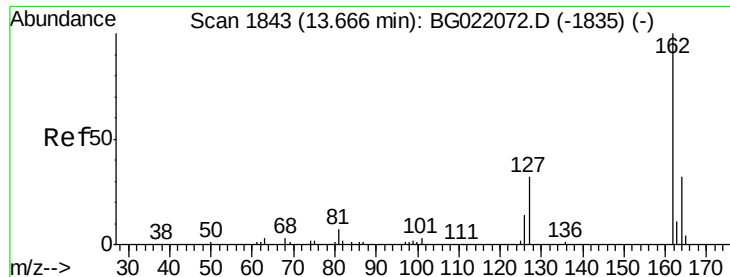
Tgt Ion:196 Resp: 49019  
 Ion Ratio Lower Upper  
 196 100  
 198 95.6 79.8 119.8  
 200 33.8 24.0 36.0



#40  
 1,1'-Biphenyl  
 Concen: 18.60 ng/ul  
 RT: 13.62 min Scan# 1834  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:154 Resp: 190245  
 Ion Ratio Lower Upper  
 154 100  
 153 42.8 34.6 52.0  
 76 13.2 11.9 17.9

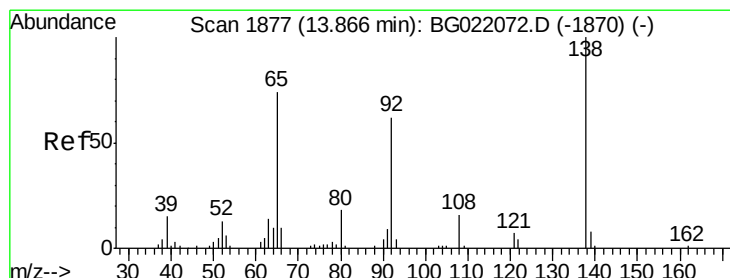
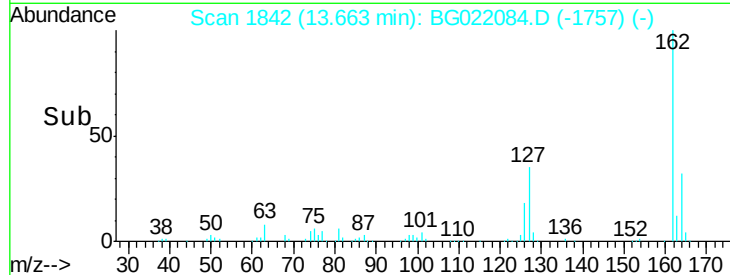
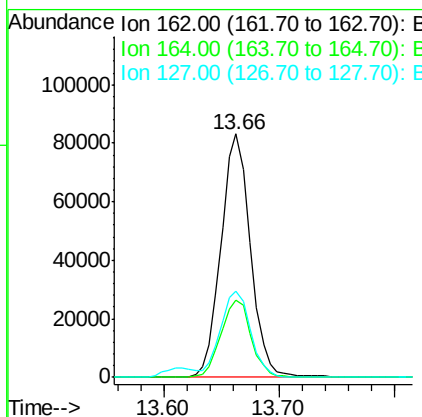
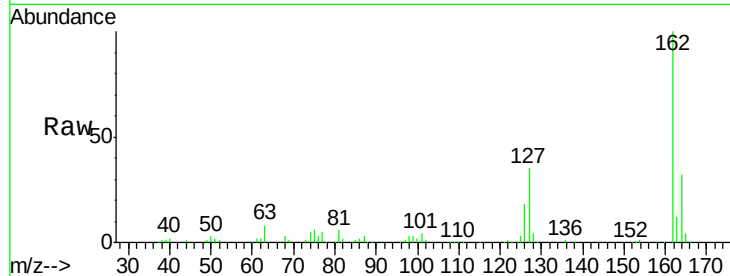




#41  
 2-Chloronaphthalene  
 Concen: 18.70 ng/ul  
 RT: 13.66 min Scan# 1842  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

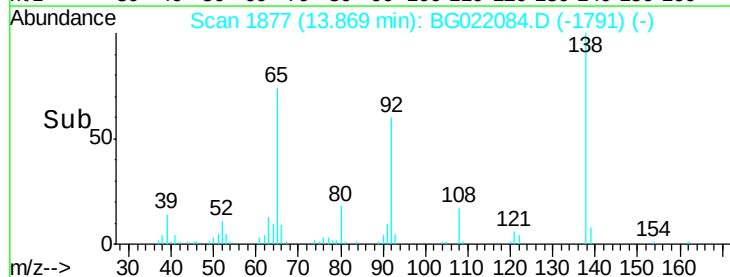
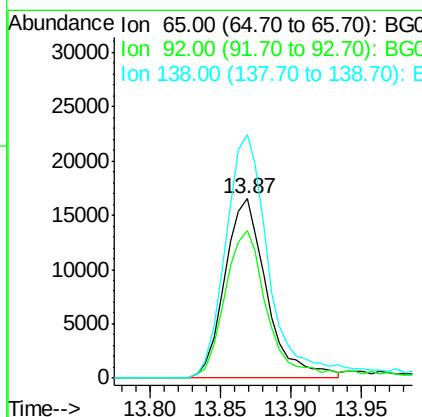
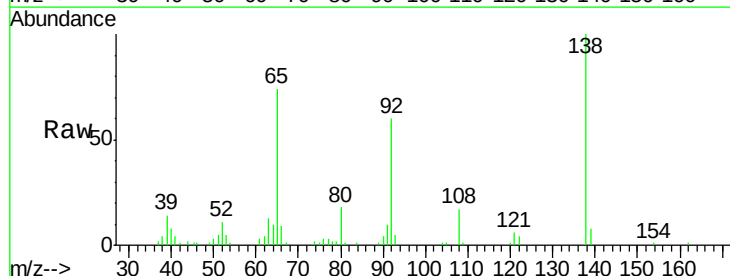
Instrument :  
 BNA\_G  
 ClientSampled :  
 SSTD02019

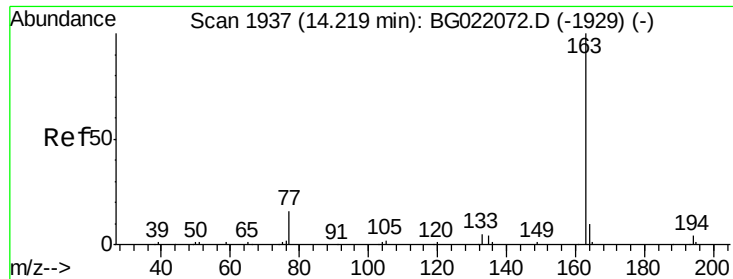
Tgt Ion: 162 Resp: 146890  
 Ion Ratio Lower Upper  
 162 100  
 164 31.9 25.4 38.2  
 127 35.2 30.2 45.4



#42  
 2-Nitroaniline  
 Concen: 19.27 ng/ul  
 RT: 13.87 min Scan# 1877  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion: 65 Resp: 34130  
 Ion Ratio Lower Upper  
 65 100  
 92 82.1 67.1 100.7  
 138 135.7 109.6 164.4





#44

Dimethylphthalate

Concen: 19.28 ng/ul

RT: 14.22 min Scan# 1937

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

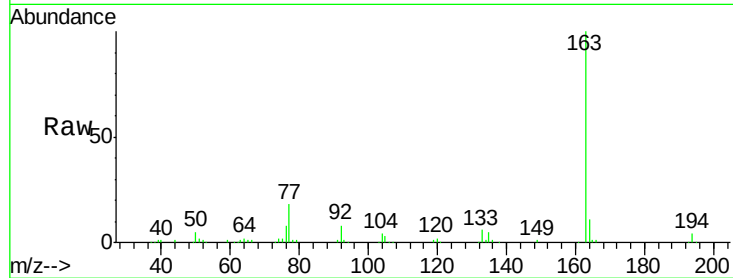
Instrument :

BNA\_G

ClientSampleId :

SSTD02019

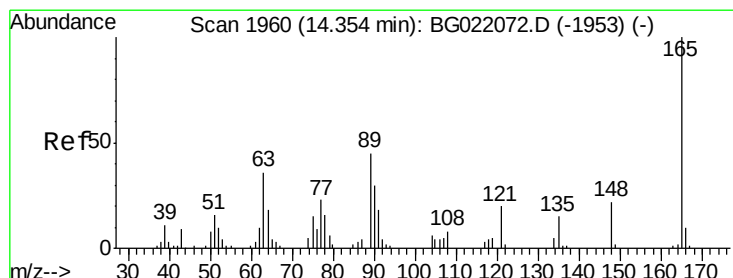
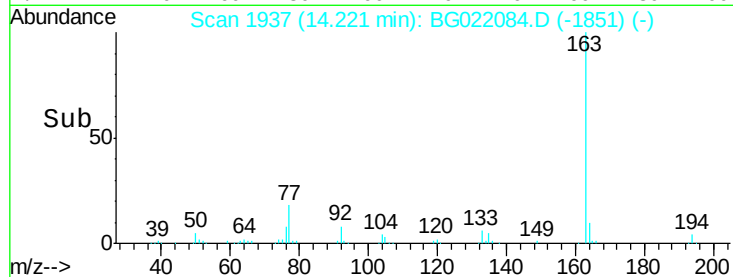
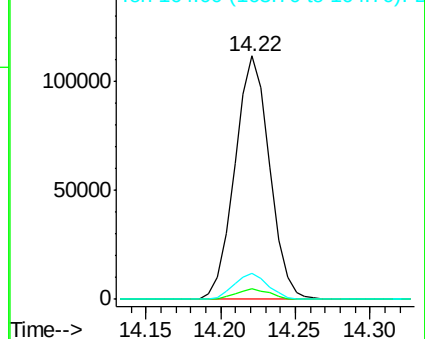
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 163   | Resp: | 180726 |
| Ion Ratio | Lower | Upper |        |
| 163       | 100   |       |        |
| 194       | 4.2   | 3.4   | 5.2    |
| 164       | 10.6  | 8.8   | 13.2   |



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.30 ng/ul

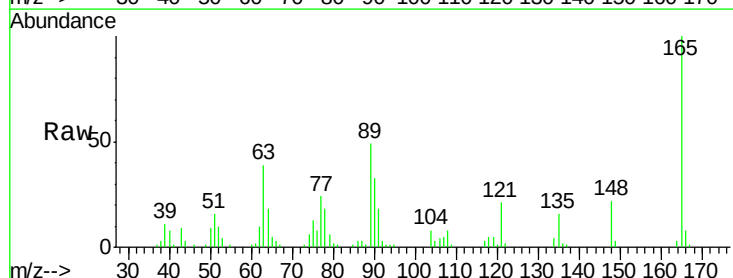
RT: 14.35 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

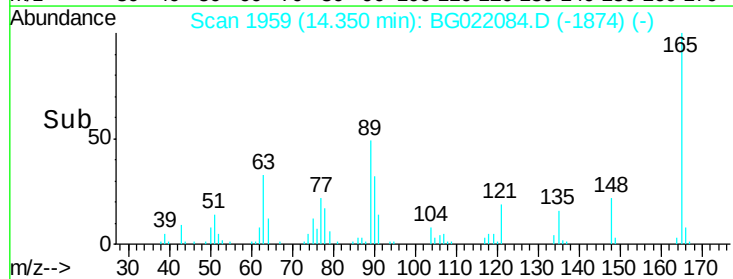
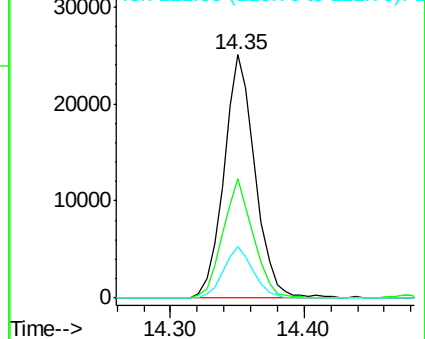
|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 165   | Resp: | 40832 |
| Ion Ratio | Lower | Upper |       |
| 165       | 100   |       |       |
| 89        | 48.9  | 41.5  | 62.3  |
| 121       | 21.2  | 17.0  | 25.4  |

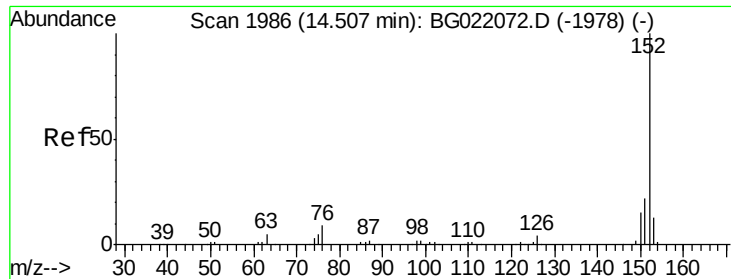


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BG0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 18.77 ng/ul

RT: 14.50 min Scan# 1985

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

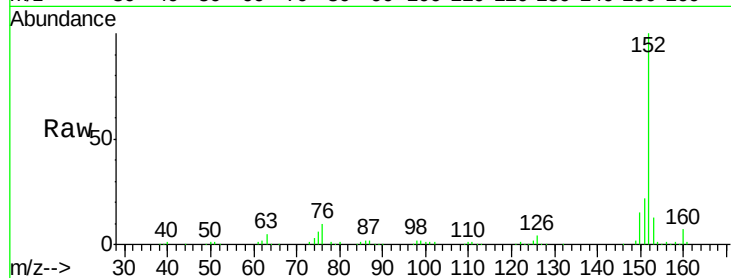
Tgt Ion:152 Resp: 249095

Ion Ratio Lower Upper

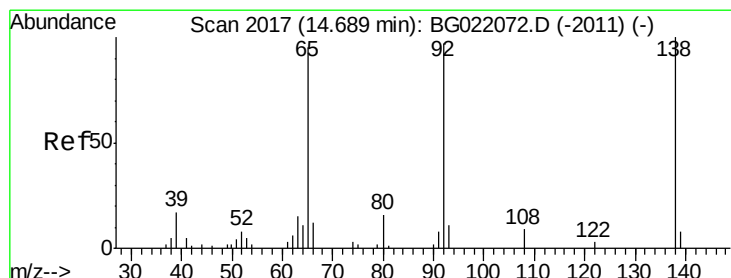
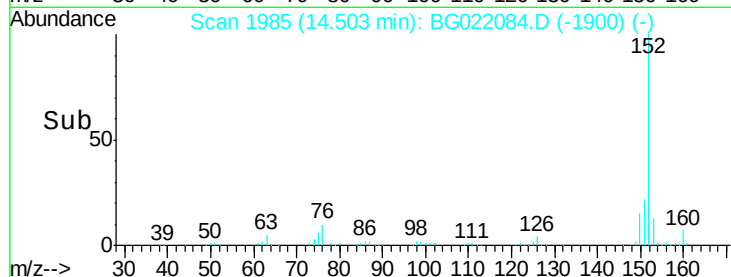
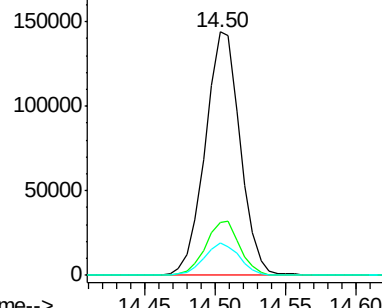
152 100

151 21.6 17.5 26.3

153 13.5 11.1 16.7



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



#48

3-Nitroaniline

Concen: 17.45 ng/ul

RT: 14.69 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

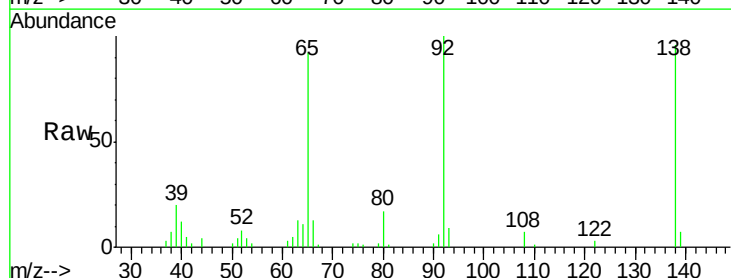
Tgt Ion:138 Resp: 33628

Ion Ratio Lower Upper

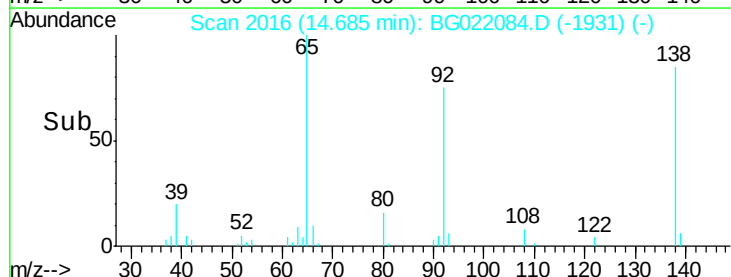
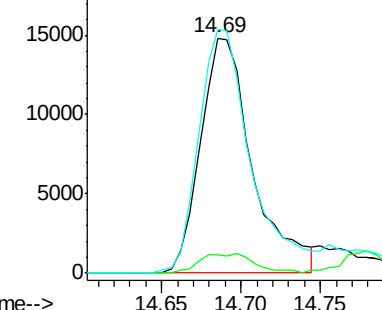
138 100

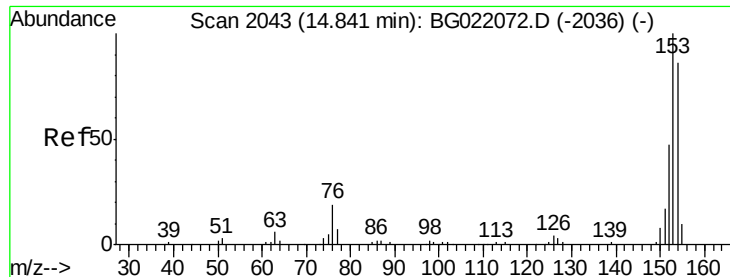
108 7.5 6.2 9.2

92 103.8 79.3 118.9



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 92.00 (91.70 to 92.70): BGC





#49

Acenaphthene

Concen: 18.57 ng/ul

RT: 14.84 min Scan# 2043

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

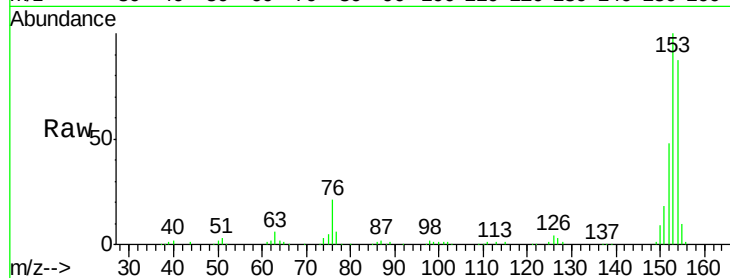
Tgt Ion:153 Resp: 170244

Ion Ratio Lower Upper

153 100

152 47.6 37.3 55.9

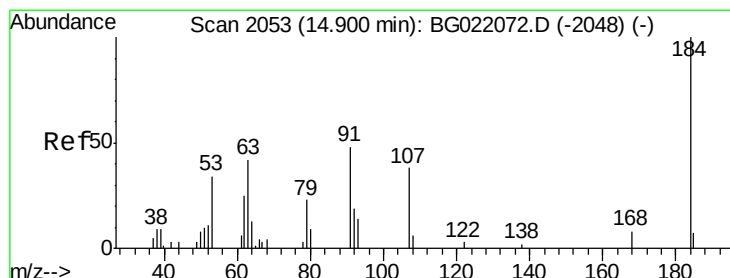
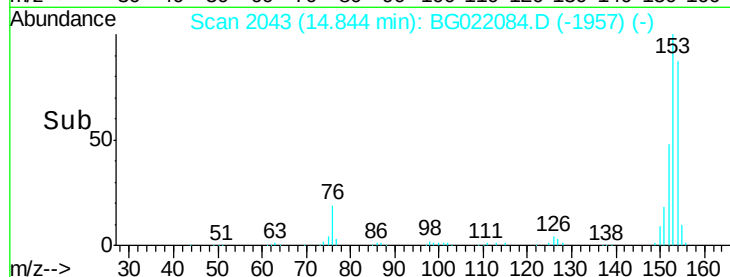
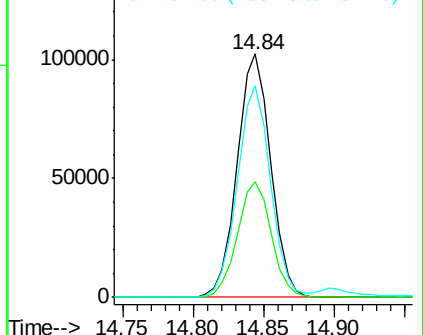
154 86.9 68.2 102.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 18.92 ng/ul

RT: 14.90 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

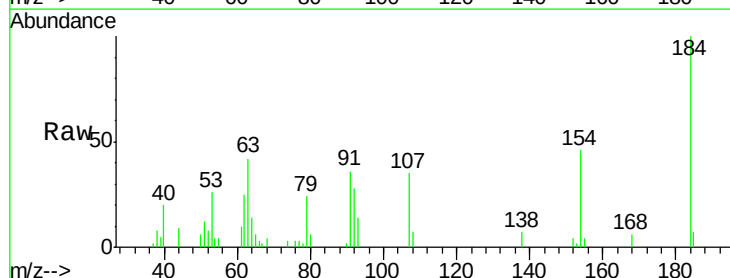
Tgt Ion:184 Resp: 14736

Ion Ratio Lower Upper

184 100

63 41.9 40.5 60.7

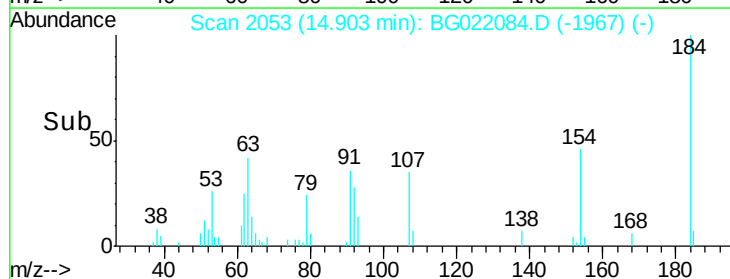
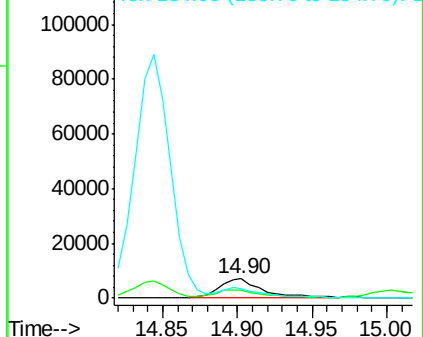
154 46.1 48.5 72.7#

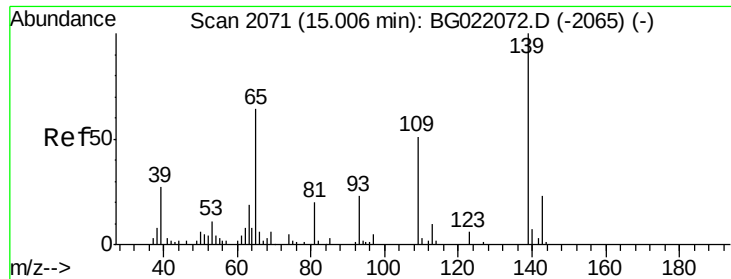


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.76 ng/ul

RT: 15.00 min Scan# 2070

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

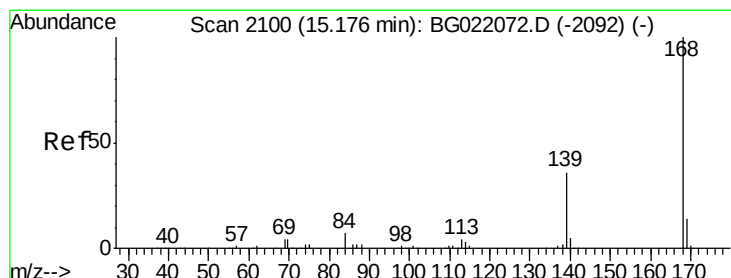
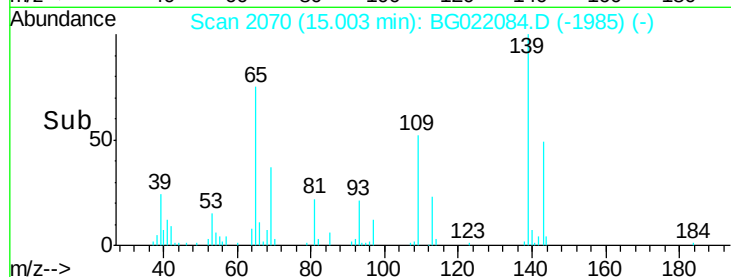
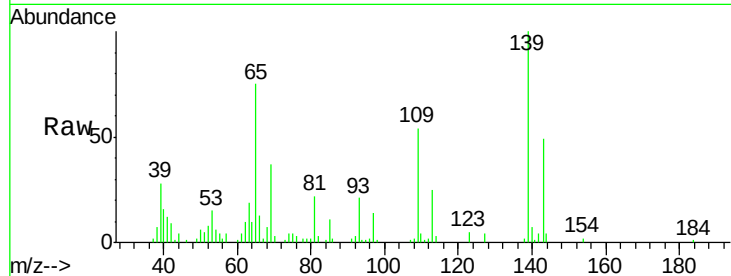
Tgt Ion:109 Resp: 17901

Ion Ratio Lower Upper

109 100

139 184.8 136.1 204.1

65 138.4 106.0 159.0



#53

Dibenzofuran

Concen: 19.59 ng/ul

RT: 15.17 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BG022084.D

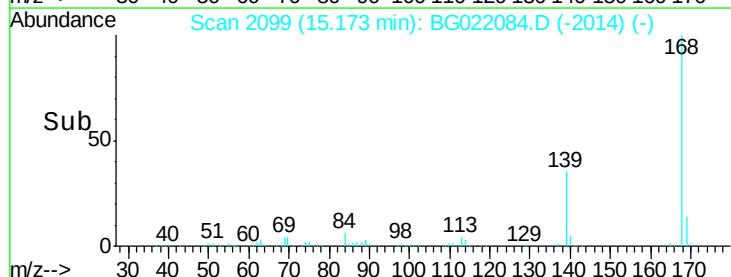
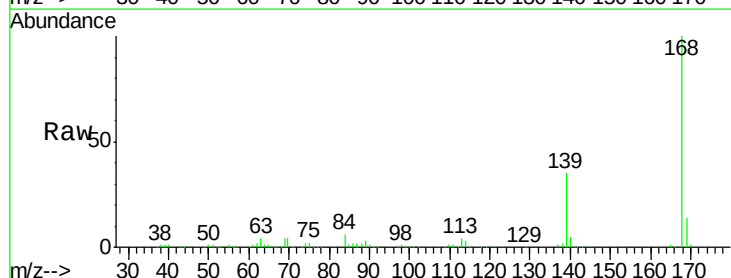
Acq: 26 May 2016 17:03

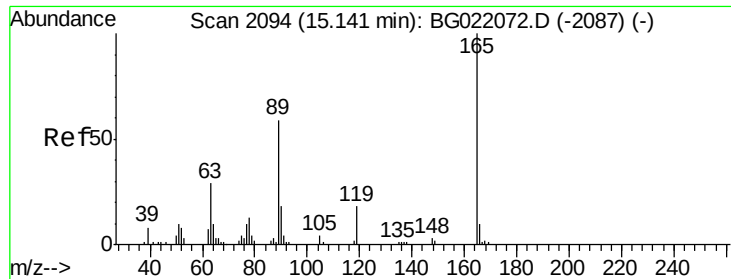
Tgt Ion:168 Resp: 222091

Ion Ratio Lower Upper

168 100

139 35.3 27.4 41.0

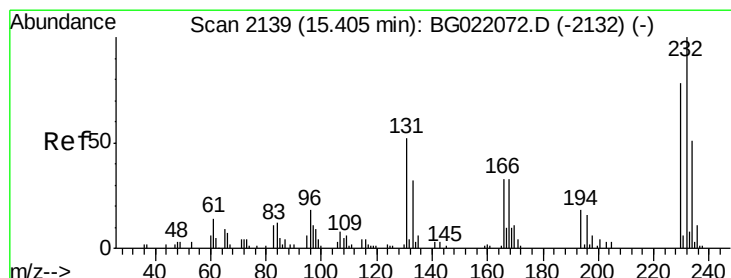
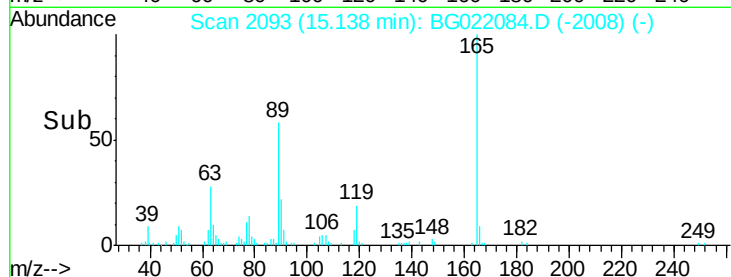
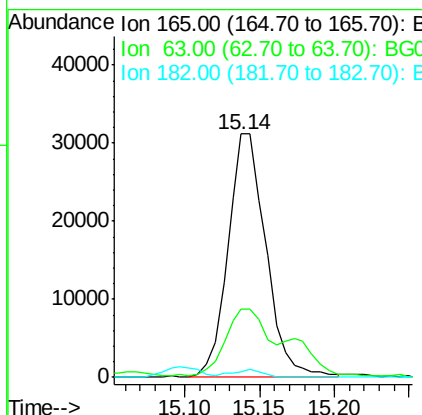
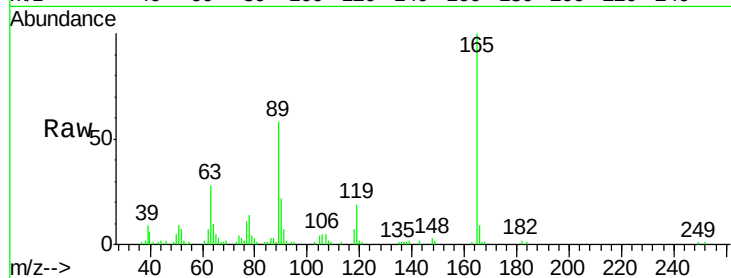




#54  
 2,4-Dinitrotoluene  
 Concen: 20.45 ng/ul  
 RT: 15.14 min Scan# 2093  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

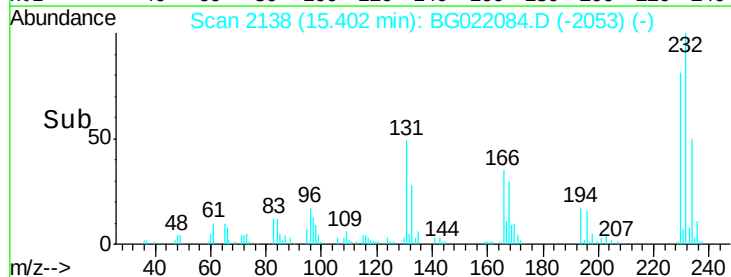
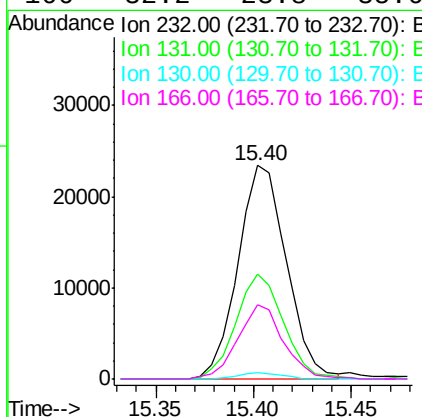
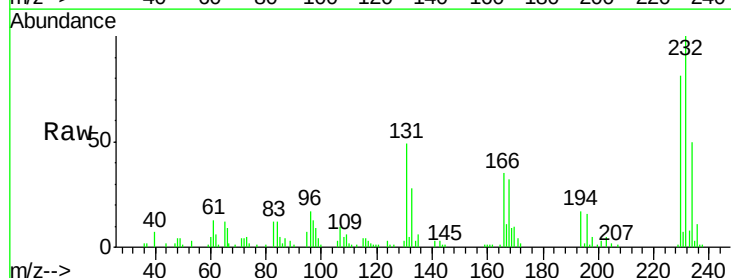
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

Tgt Ion:165 Resp: 55458  
 Ion Ratio Lower Upper  
 165 100  
 63 28.2 25.7 38.5  
 182 2.2 2.1 3.1

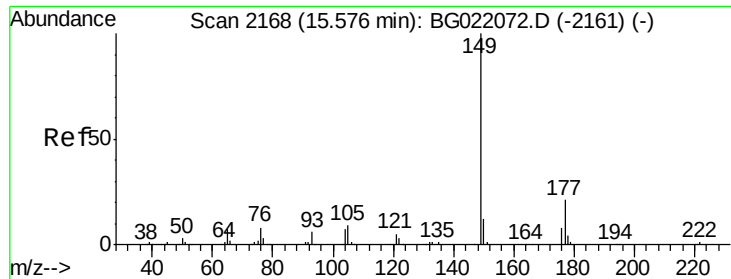


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.34 ng/ul  
 RT: 15.40 min Scan# 2138  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:232 Resp: 40380  
 Ion Ratio Lower Upper  
 232 100  
 131 45.2 34.8 52.2  
 130 2.6 2.2 3.2  
 166 32.2 23.8 35.6



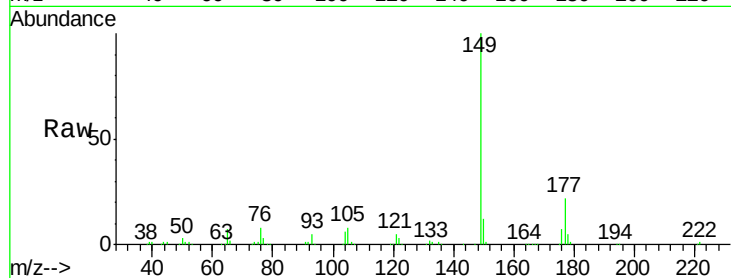




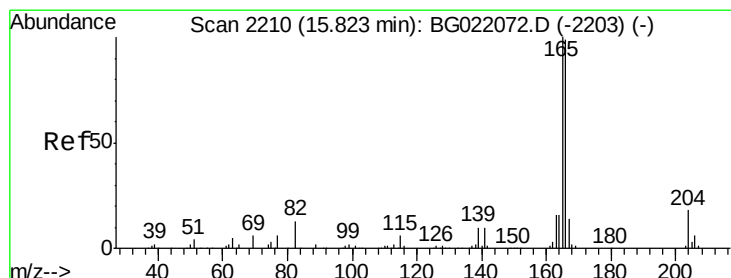
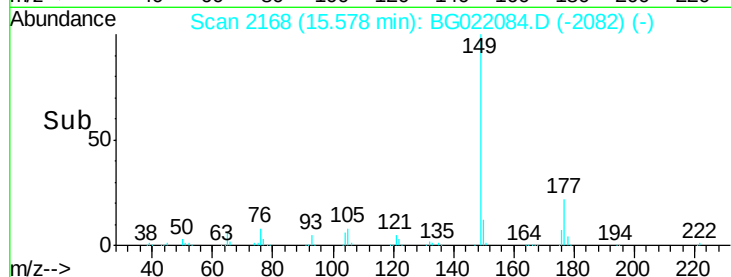
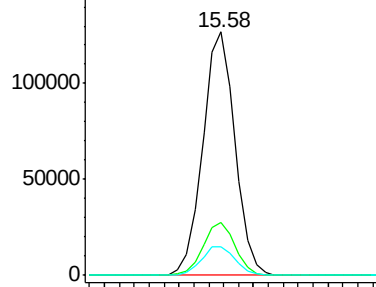
#56  
Diethylphthalate  
Concen: 19.55 ng/ul  
RT: 15.58 min Scan# 2168  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

Tgt Ion:149 Resp: 190137  
Ion Ratio Lower Upper  
149 100  
177 22.0 17.4 26.2  
150 11.7 9.6 14.4

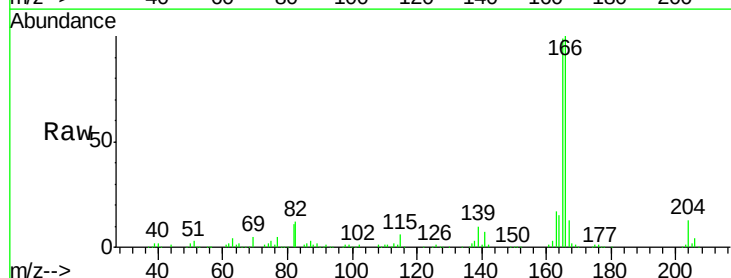


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

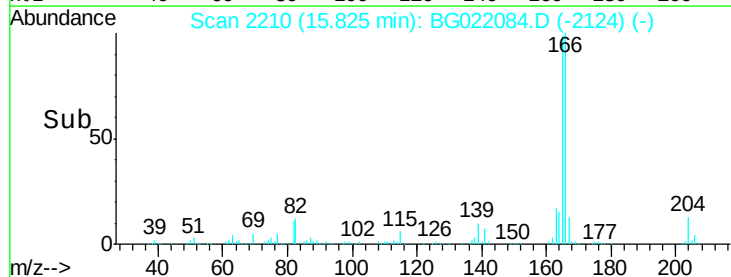
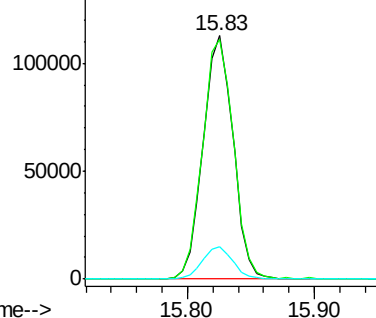


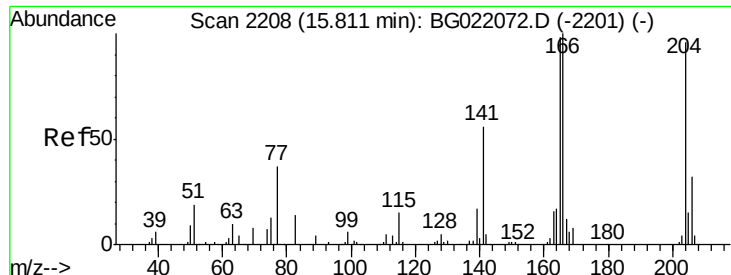
#58  
Fluorene  
Concen: 19.28 ng/ul  
RT: 15.83 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Tgt Ion:166 Resp: 184475  
Ion Ratio Lower Upper  
166 100  
165 98.6 80.3 120.5  
167 13.1 10.3 15.5



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

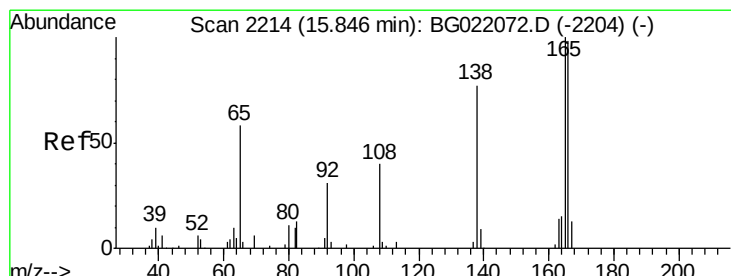
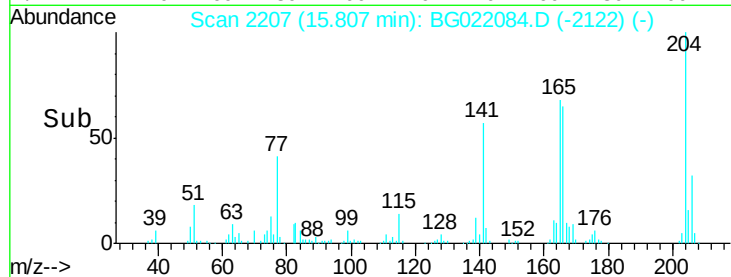
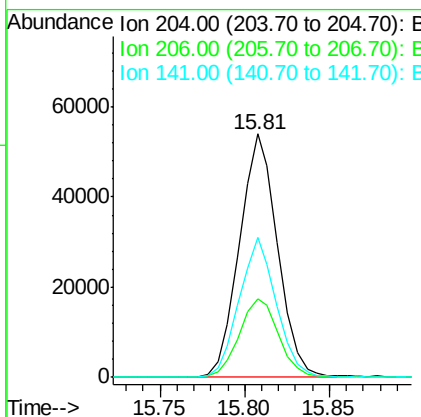
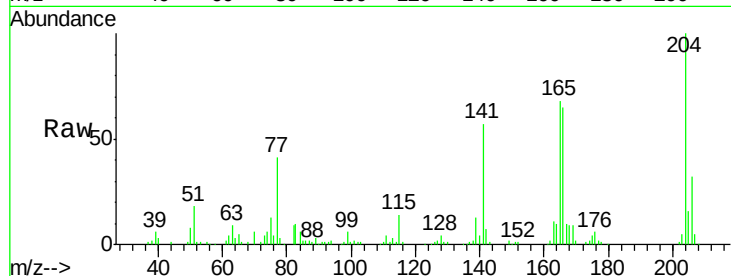




#59  
 4-Chlorophenyl-phenylether  
 Concen: 19.64 ng/ul  
 RT: 15.81 min Scan# 2207  
 Delta R.T. -0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

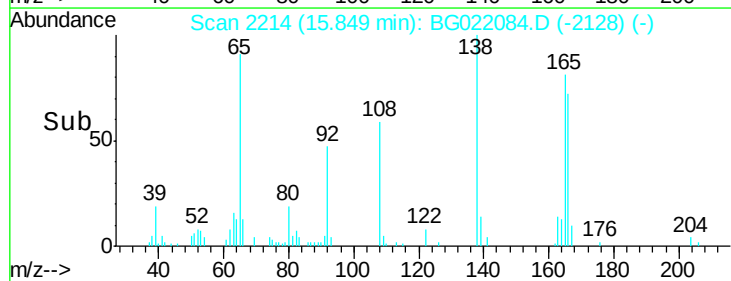
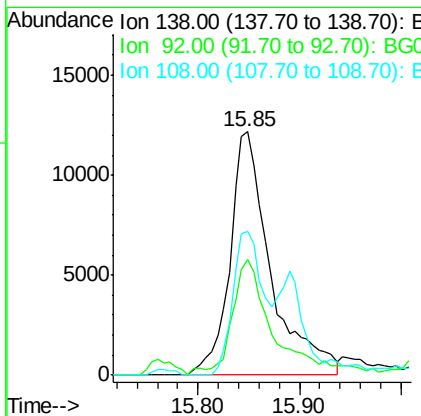
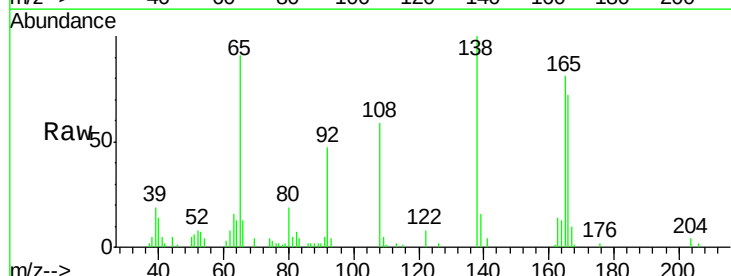
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02019

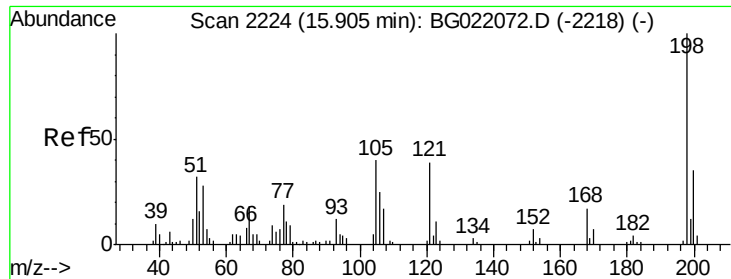
Tgt Ion:204 Resp: 84642  
 Ion Ratio Lower Upper  
 204 100  
 206 32.4 27.4 41.2  
 141 57.5 47.1 70.7



#60  
 4-Nitroaniline  
 Concen: 16.11 ng/ul  
 RT: 15.85 min Scan# 2214  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:138 Resp: 34084  
 Ion Ratio Lower Upper  
 138 100  
 92 47.4 39.0 58.4  
 108 59.1 49.2 73.8

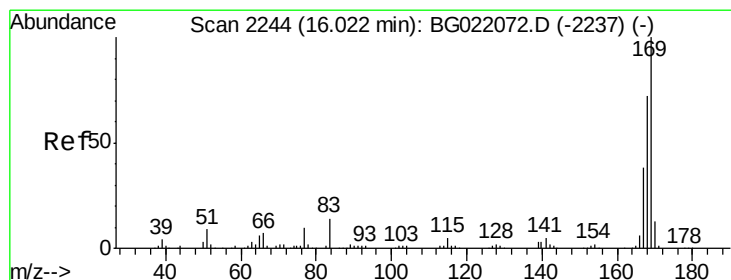
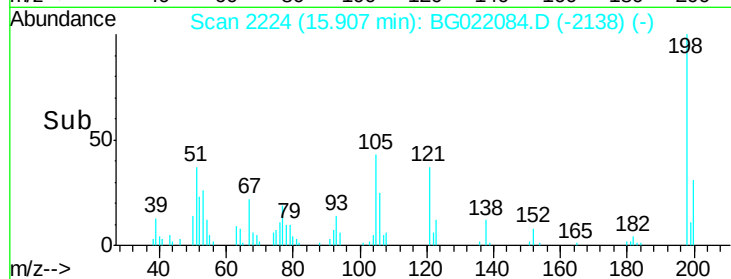
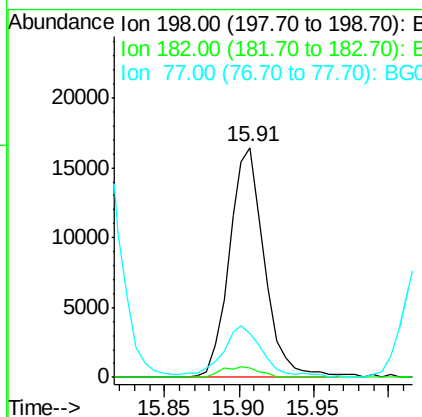
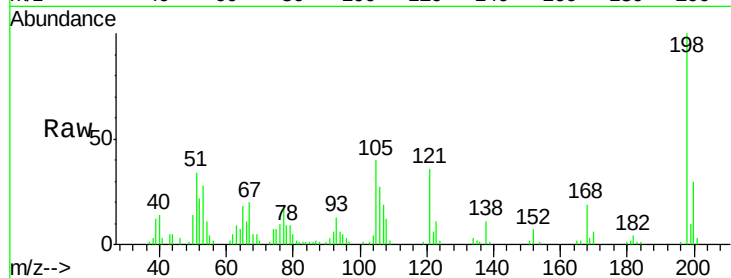




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 18.89 ng/ul  
 RT: 15.91 min Scan# 2224  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

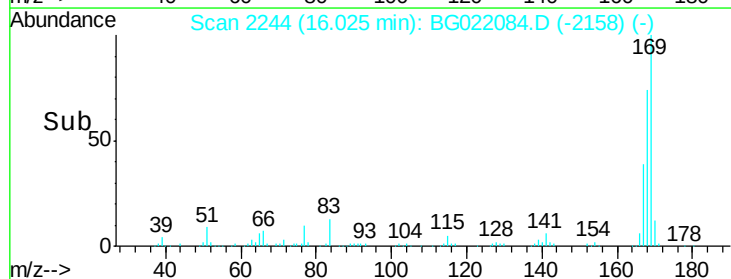
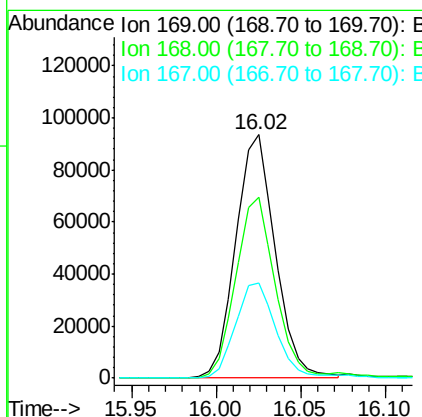
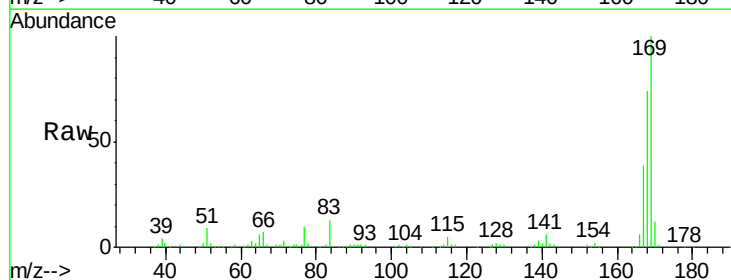
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

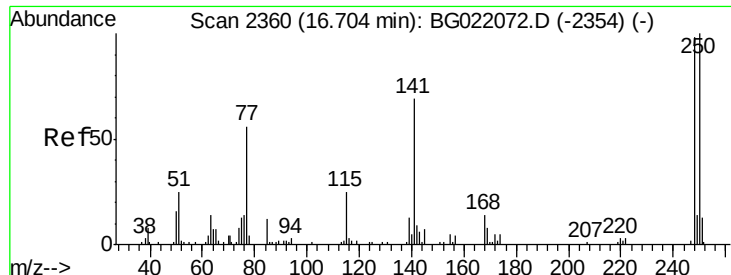
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 3.8   | 4.2   | 6.2   |
| 77      | 19.4  | 16.7  | 25.1  |



#64  
 N-Nitrosodiphenylamine  
 Concen: 18.33 ng/ul  
 RT: 16.02 min Scan# 2244  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 74.5  | 59.0  | 88.6  |
| 167     | 39.0  | 30.6  | 46.0  |

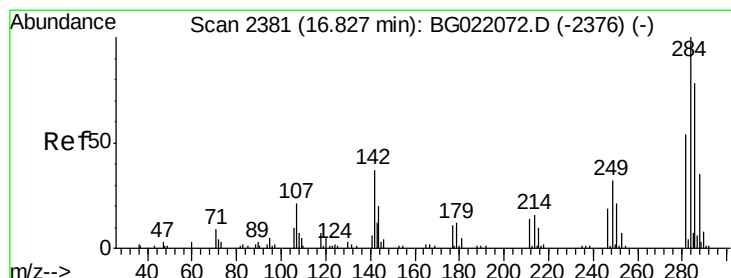
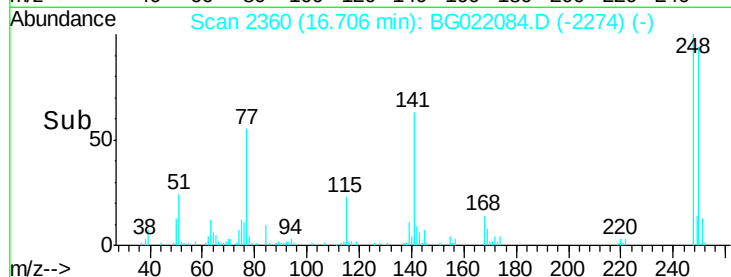
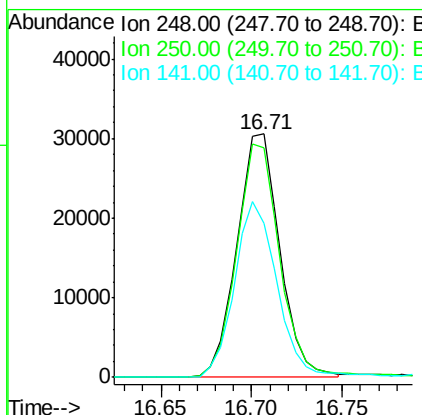
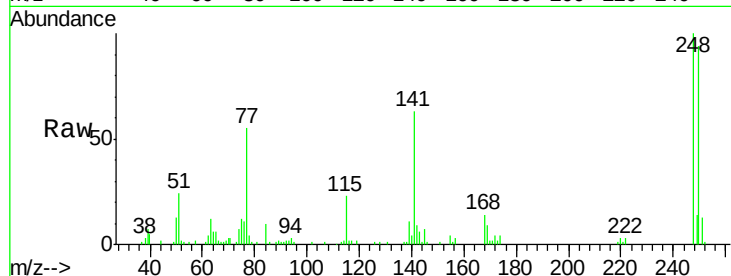




#65  
 4-Bromophenyl-phenylether  
 Concen: 18.95 ng/ul  
 RT: 16.71 min Scan# 2360  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

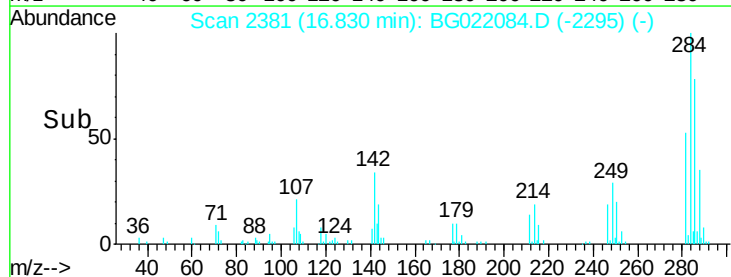
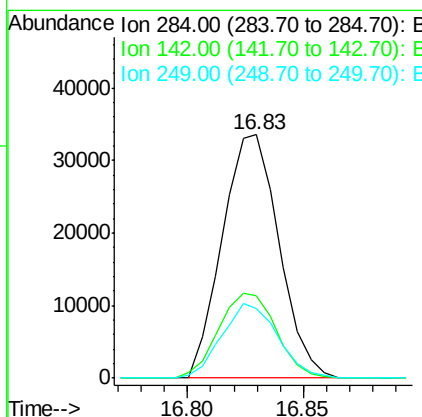
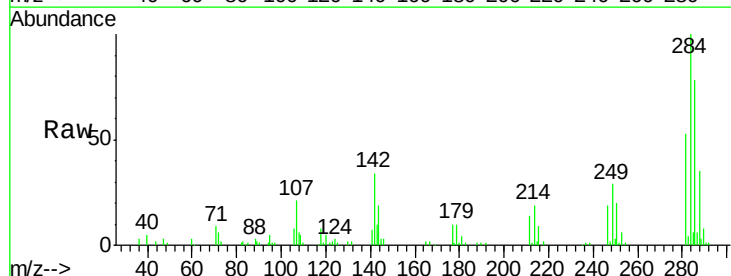
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

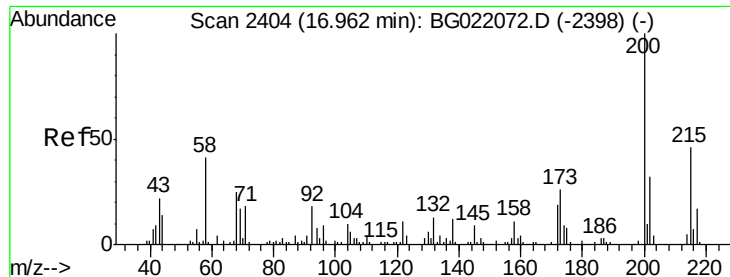
Tgt Ion:248 Resp: 50344  
 Ion Ratio Lower Upper  
 248 100  
 250 94.4 76.6 114.8  
 141 63.3 61.8 92.6



#66  
 Hexachlorobenzene  
 Concen: 18.56 ng/ul  
 RT: 16.83 min Scan# 2381  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

Tgt Ion:284 Resp: 57230  
 Ion Ratio Lower Upper  
 284 100  
 142 32.0 27.8 41.8  
 249 29.7 24.4 36.6

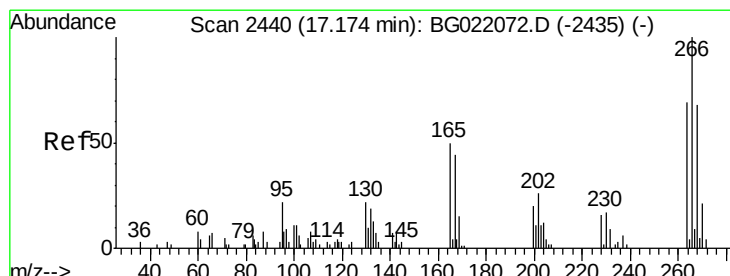
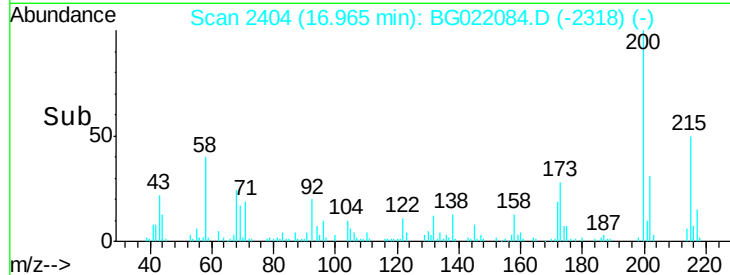
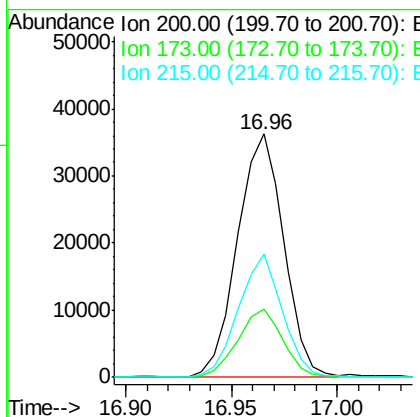
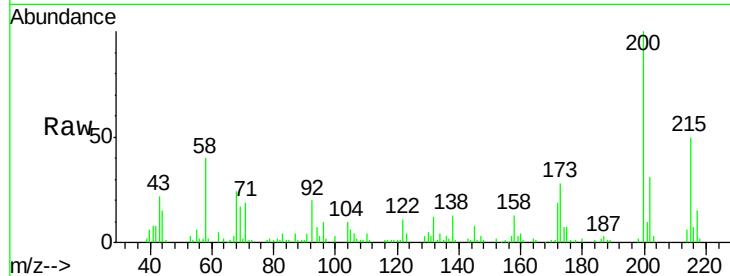




#67  
 Atrazine  
 Concen: 19.23 ng/ul  
 RT: 16.96 min Scan# 2404  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

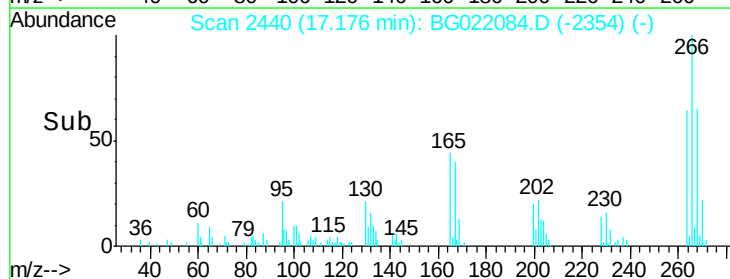
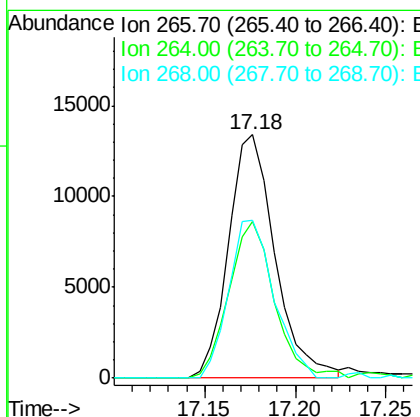
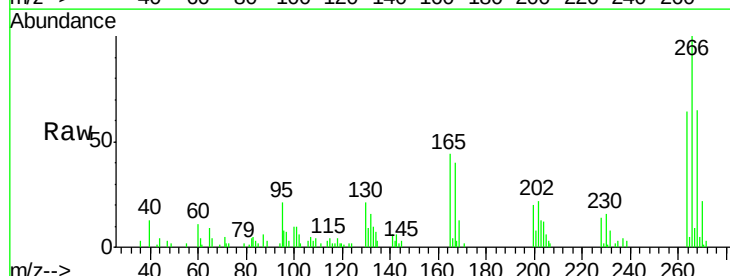
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02019

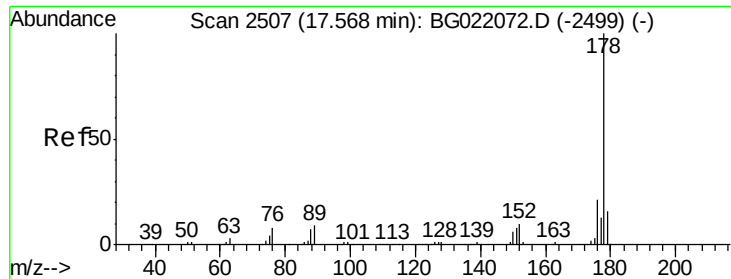
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 27.9  | 21.0  | 31.6  |
| 215     | 50.4  | 37.9  | 56.9  |



#68  
 Pentachlorophenol  
 Concen: 14.93 ng/ul  
 RT: 17.18 min Scan# 2440  
 Delta R.T. 0.00 min  
 Lab File: BG022084.D  
 Acq: 26 May 2016 17:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 69.4  | 54.7  | 82.1  |
| 268     | 69.7  | 57.8  | 86.8  |





#69

Phenanthrene

Concen: 18.90 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

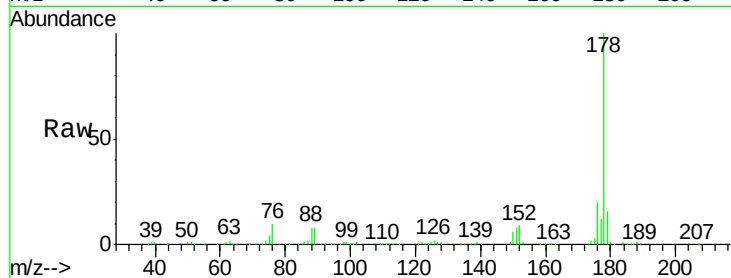
Tgt Ion:178 Resp: 276376

Ion Ratio Lower Upper

178 100

179 15.8 12.9 19.3

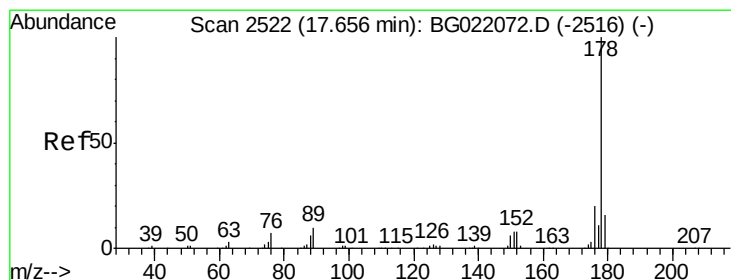
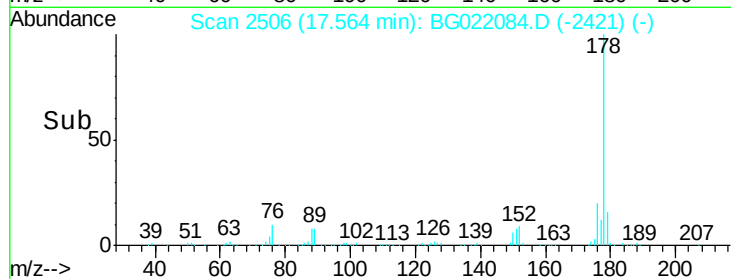
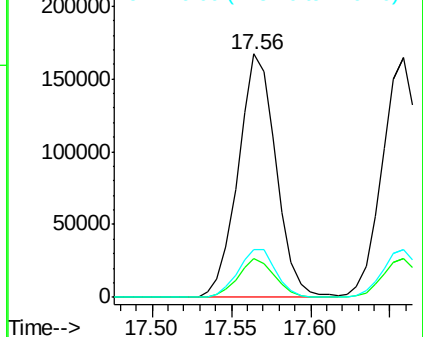
176 19.8 15.8 23.8



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



#71

Anthracene

Concen: 18.70 ng/ul

RT: 17.66 min Scan# 2522

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

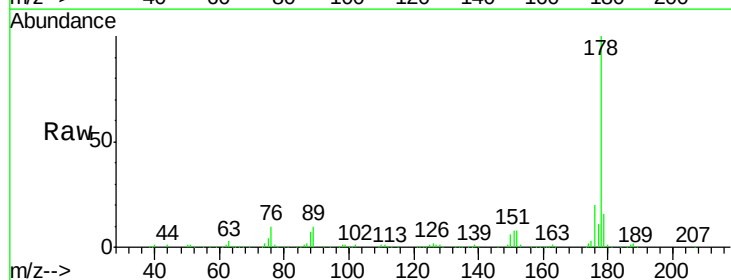
Tgt Ion:178 Resp: 276915

Ion Ratio Lower Upper

178 100

179 16.1 12.3 18.5

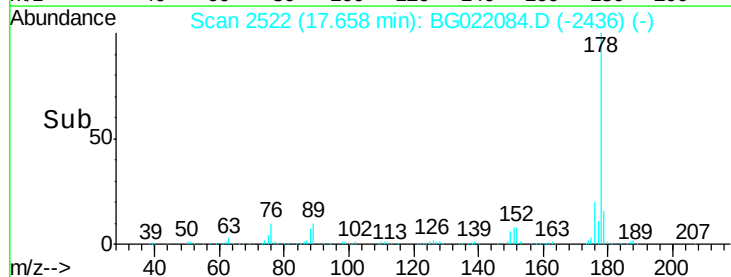
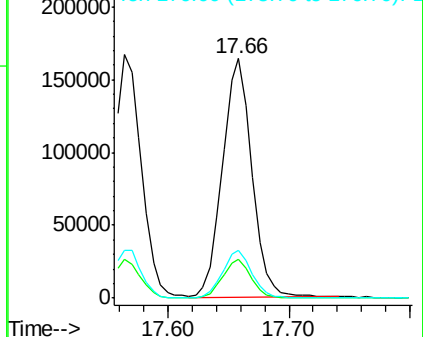
176 20.1 16.3 24.5

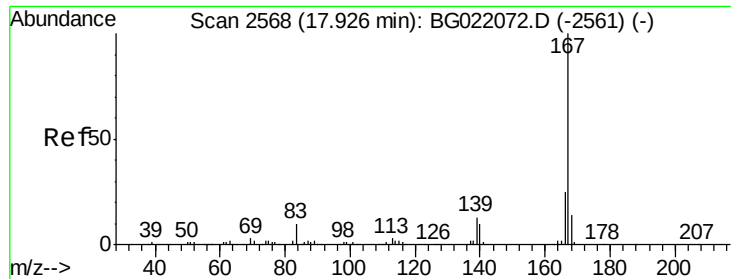


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 19.17 ng/ul

RT: 17.93 min Scan# 2568

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

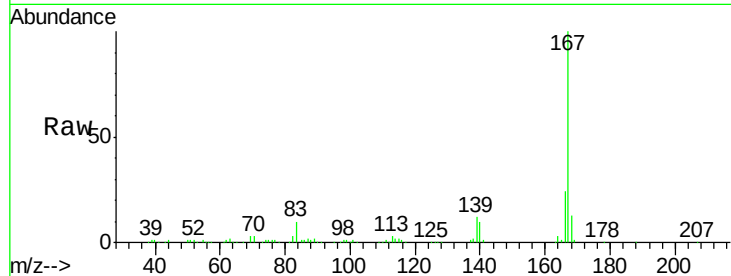
Tgt Ion:167 Resp: 246030

Ion Ratio Lower Upper

167 100

166 23.7 19.2 28.8

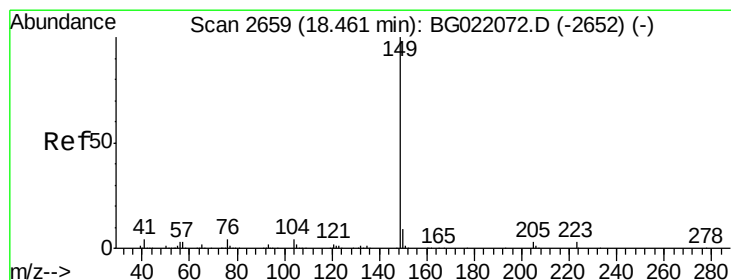
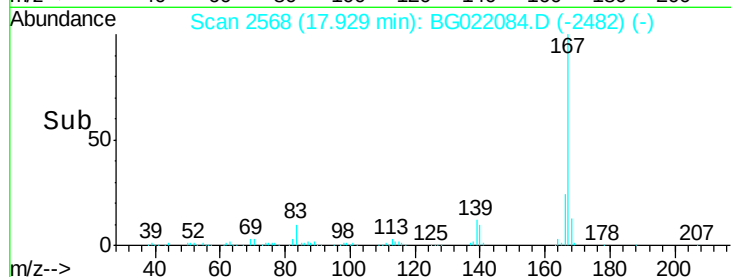
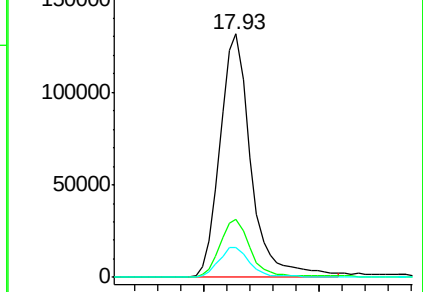
139 12.4 10.2 15.4



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



#73

Di-n-butylphthalate

Concen: 19.04 ng/ul

RT: 18.46 min Scan# 2658

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

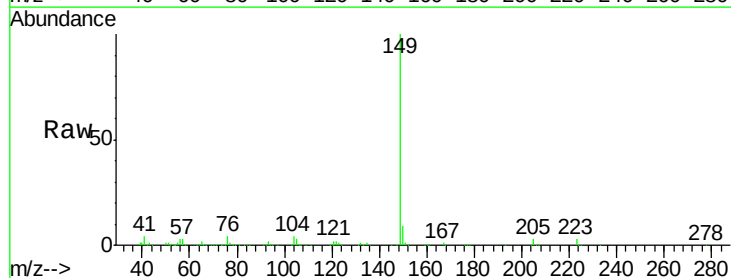
Tgt Ion:149 Resp: 327376

Ion Ratio Lower Upper

149 100

150 9.3 7.1 10.7

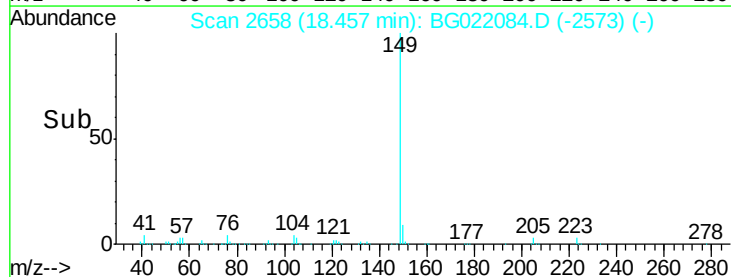
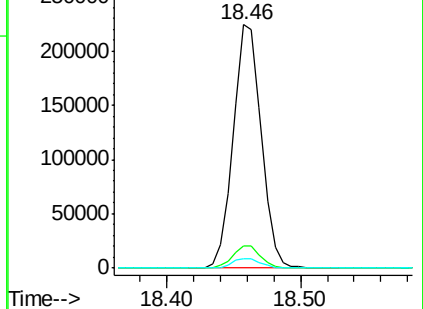
104 4.1 3.3 4.9

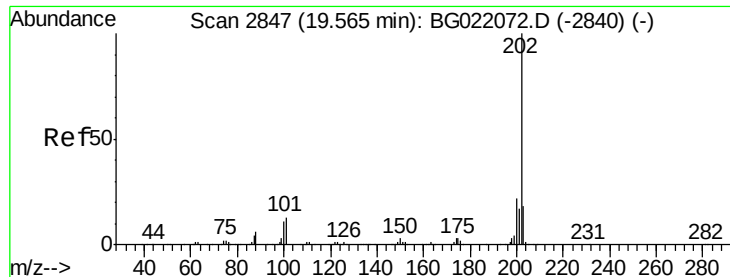


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 19.11 ng/ul

RT: 19.57 min Scan# 2847

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

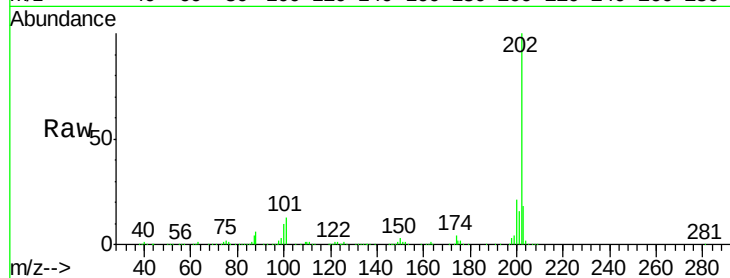
Tgt Ion:202 Resp: 285546

Ion Ratio Lower Upper

202 100

101 12.8 10.6 16.0

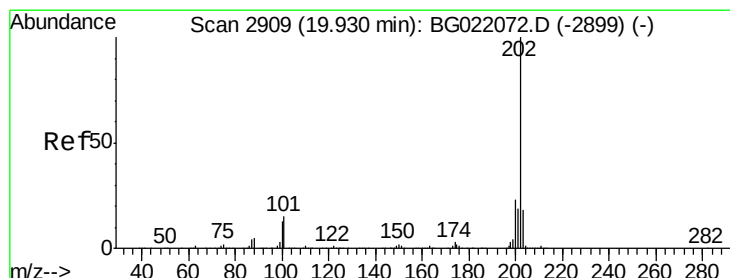
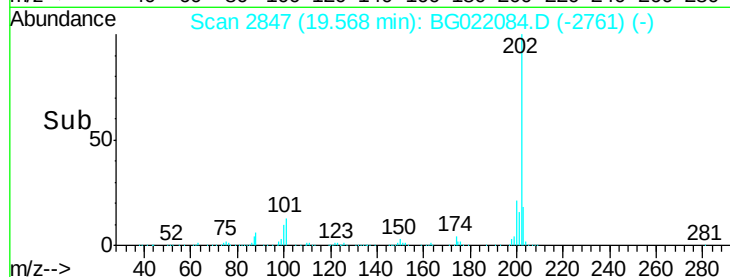
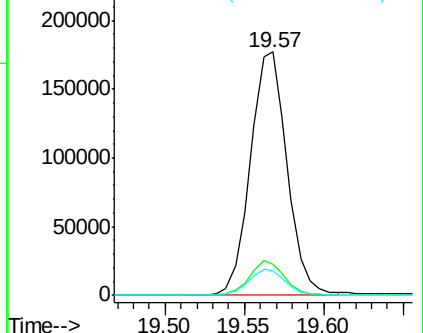
100 10.2 8.7 13.1



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): B



#77

Pyrene

Concen: 18.41 ng/ul

RT: 19.93 min Scan# 2908

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

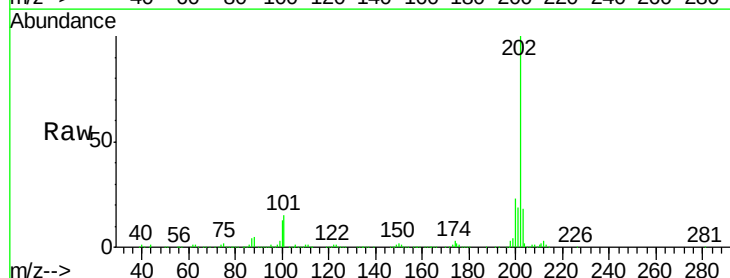
Tgt Ion:202 Resp: 290380

Ion Ratio Lower Upper

202 100

101 15.4 12.5 18.7

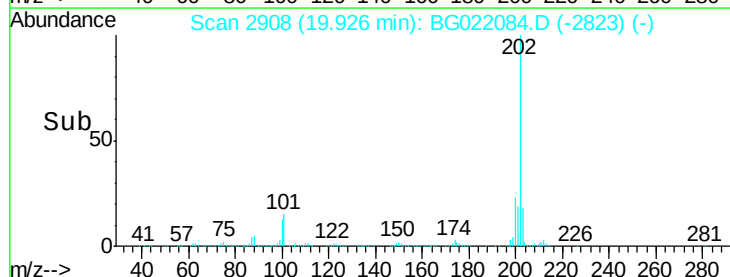
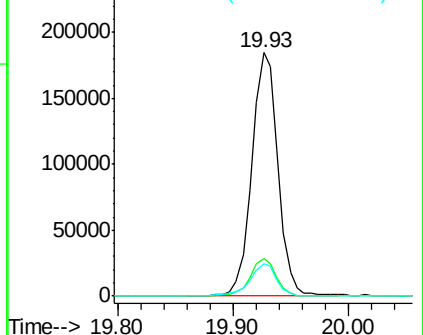
100 13.3 10.2 15.4



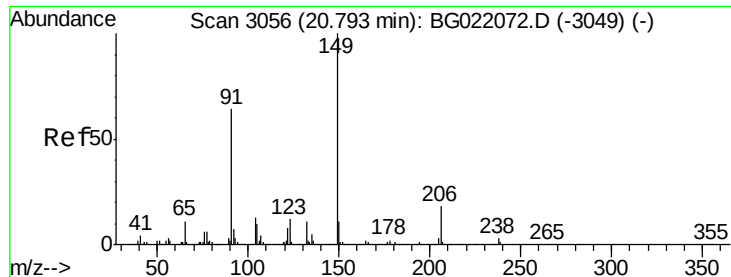
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



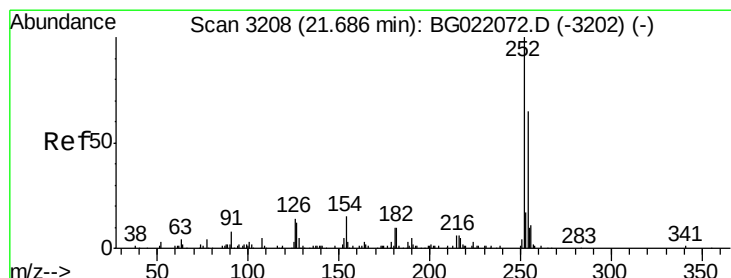
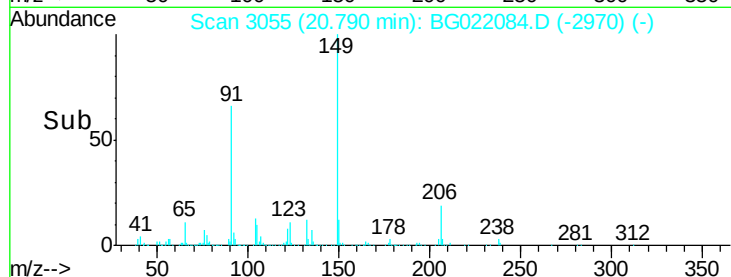
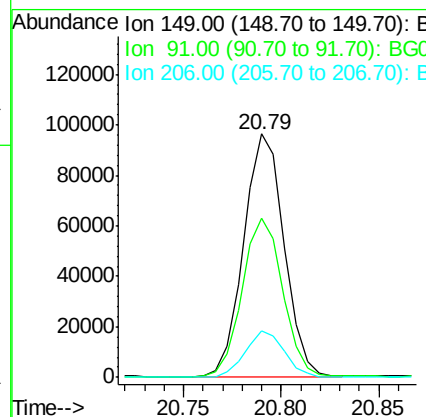
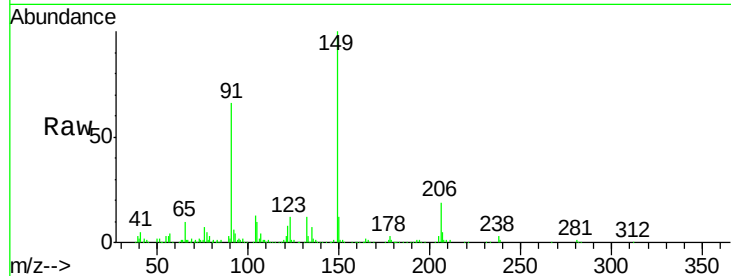




#78  
Butylbenzylphthalate  
Concen: 18.35 ng/ul  
RT: 20.79 min Scan# 3055  
Delta R.T. -0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

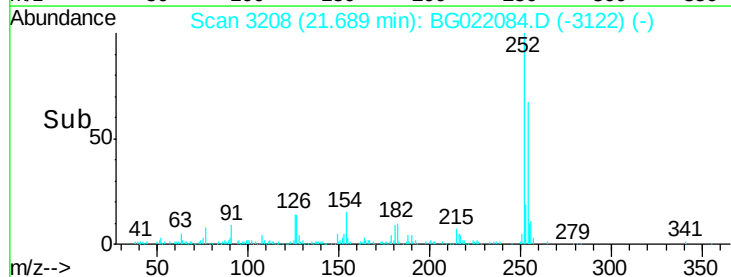
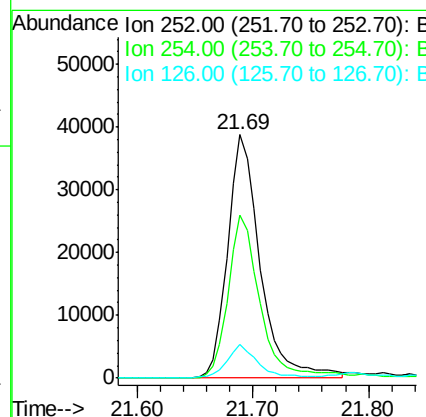
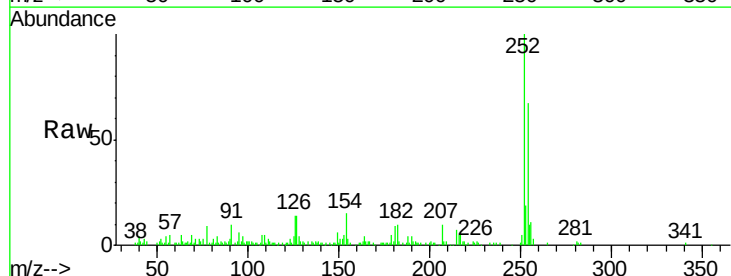
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

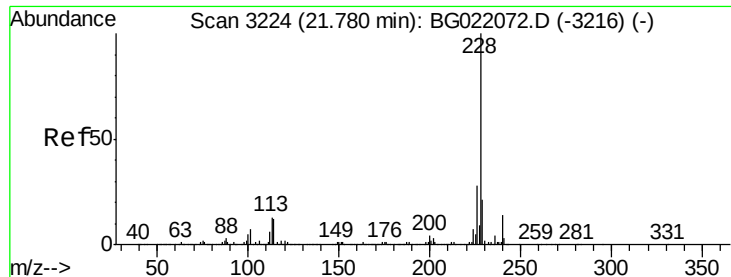
Tgt Ion:149 Resp: 137147  
Ion Ratio Lower Upper  
149 100  
91 65.6 54.2 81.4  
206 18.9 14.1 21.1



#79  
3,3'-Dichlorobenzidine  
Concen: 18.05 ng/ul  
RT: 21.69 min Scan# 3208  
Delta R.T. 0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Tgt Ion:252 Resp: 76005  
Ion Ratio Lower Upper  
252 100  
254 66.7 51.4 77.2  
126 13.7 10.7 16.1





#80

Benzo(a)anthracene

Concen: 18.39 ng/ul

RT: 21.78 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

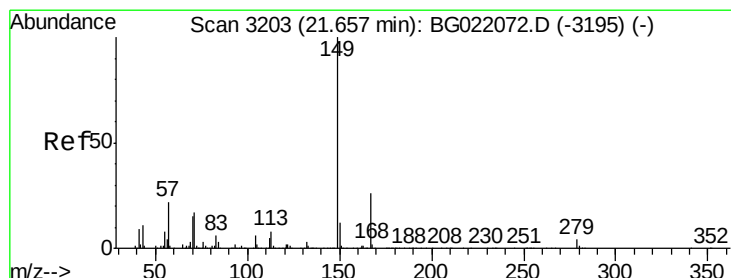
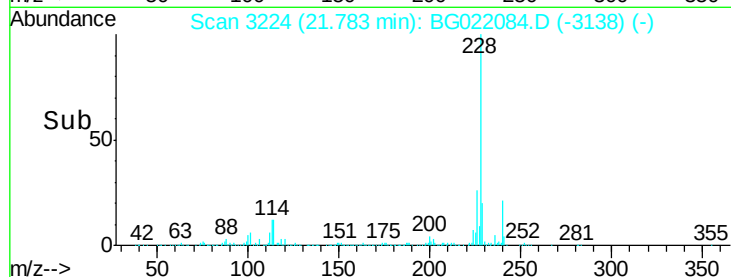
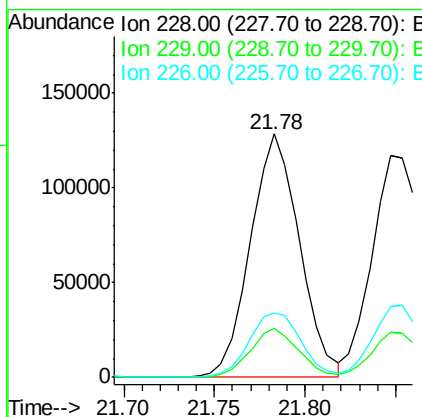
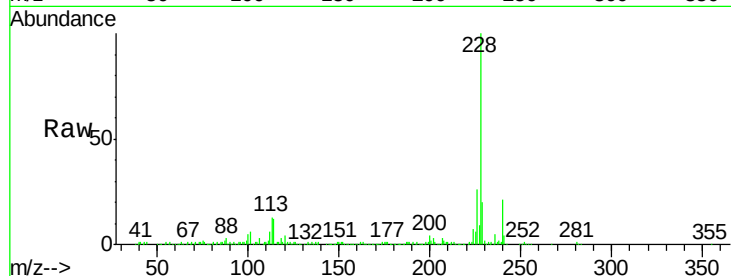
Instrument :

BNA\_G

ClientSampleId :

SSTD02019

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 228   | Resp: | 241657 |
| Ion      | Ratio | Lower | Upper  |
| 228      | 100   |       |        |
| 229      | 19.9  | 15.4  | 23.2   |
| 226      | 26.4  | 22.8  | 34.2   |



#81

Bis(2-ethylhexyl)phthalate

Concen: 18.00 ng/ul

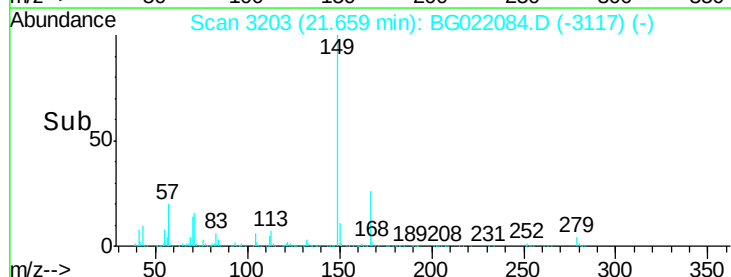
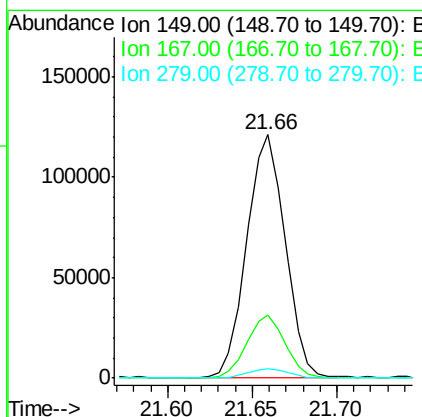
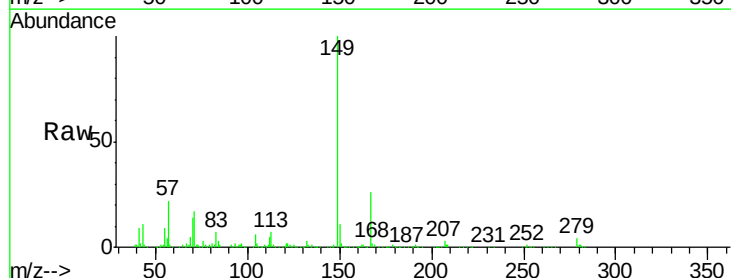
RT: 21.66 min Scan# 3203

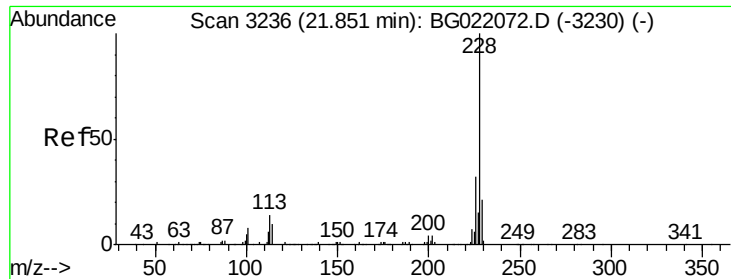
Delta R.T. 0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 191457 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 167      | 25.9  | 21.9  | 32.9   |
| 279      | 4.1   | 2.9   | 4.3    |





#82

Chrysene

Concen: 17.30 ng/ul

RT: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

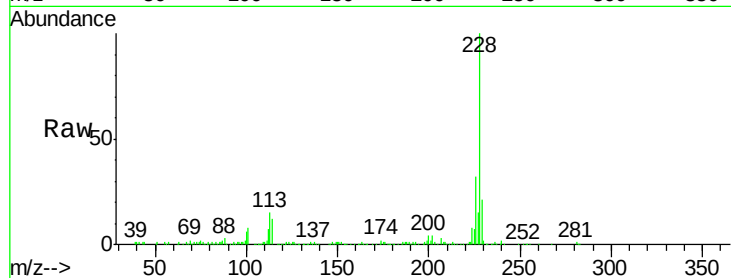
Tgt Ion:228 Resp: 218081

Ion Ratio Lower Upper

228 100

226 31.8 24.2 36.4

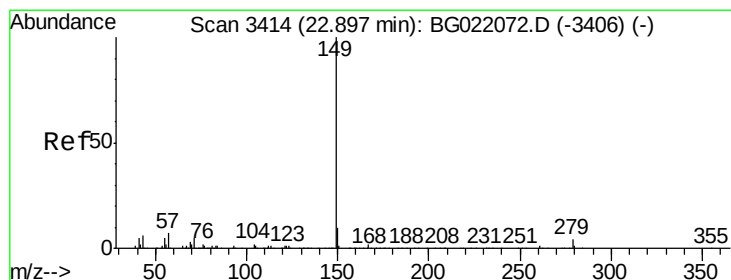
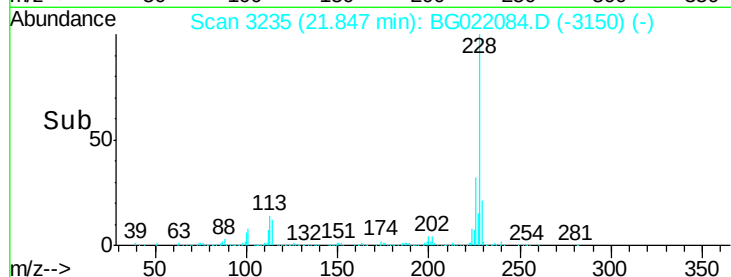
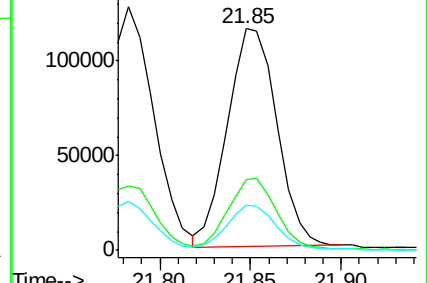
229 20.5 15.0 22.6



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



#84

Di-n-octyl phthalate

Concen: 18.19 ng/ul

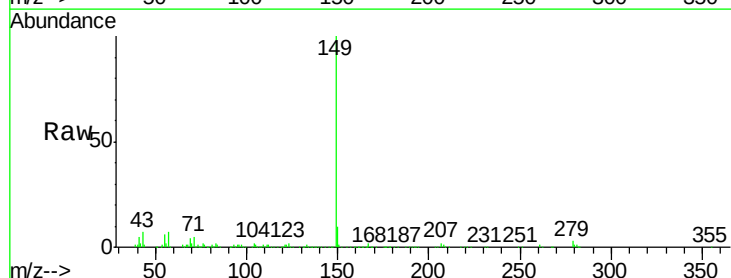
RT: 22.90 min Scan# 3414

Delta R.T. 0.00 min

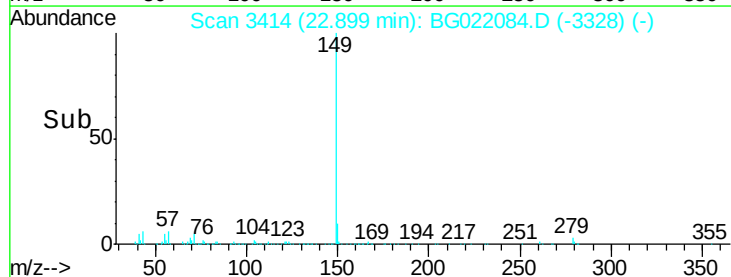
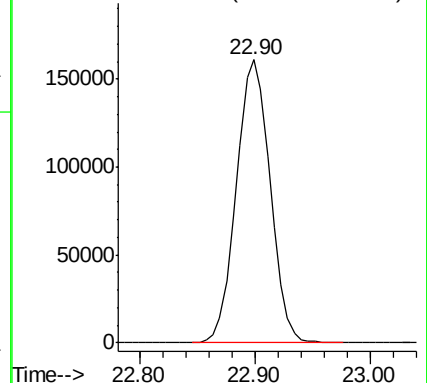
Lab File: BG022084.D

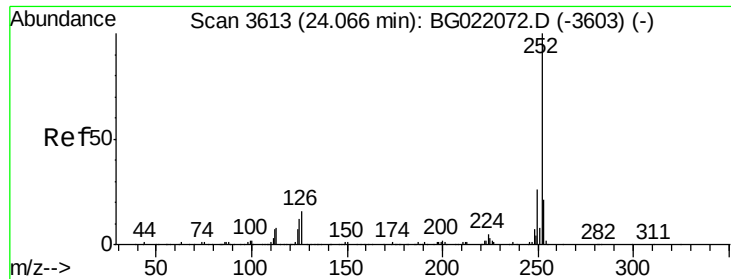
Acq: 26 May 2016 17:03

Tgt Ion:149 Resp: 323217



Abundance Ion 149.00 (148.70 to 149.70): E

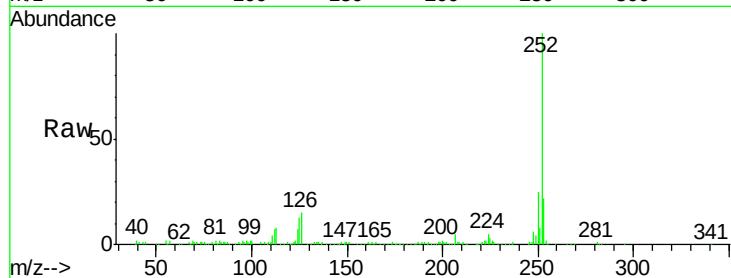




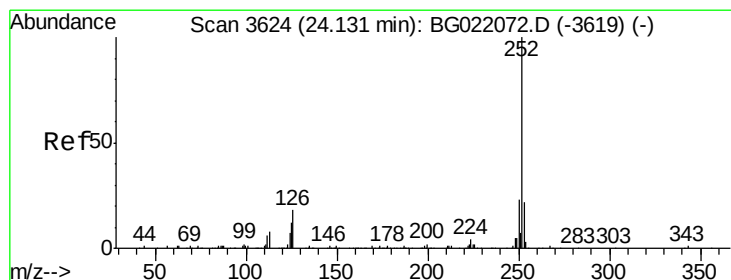
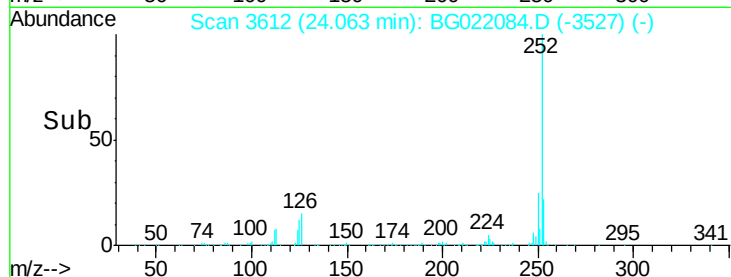
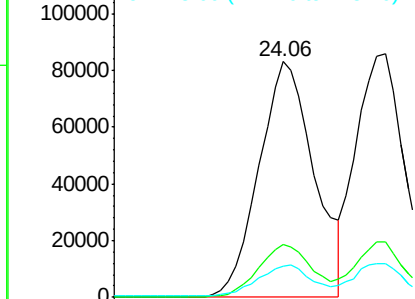
#85  
Benzo(b)fluoranthene  
Concen: 18.68 ng/ul  
RT: 24.06 min Scan# 3612  
Delta R.T. -0.00 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02019

Tgt Ion:252 Resp: 238367  
Ion Ratio Lower Upper  
252 100  
253 22.4 18.2 27.2  
125 13.0 10.8 16.2

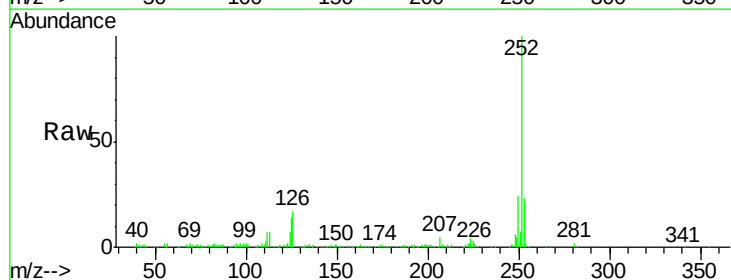


Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E

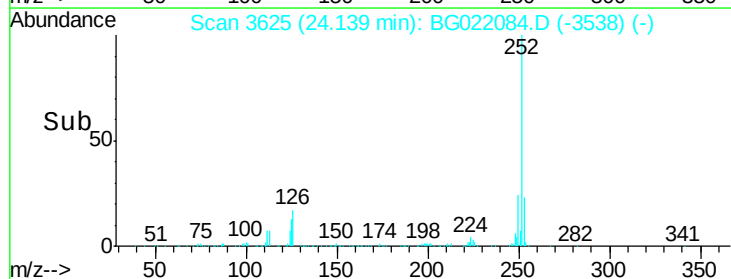
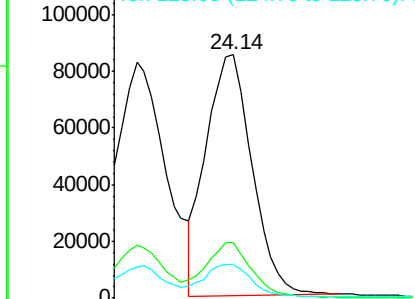


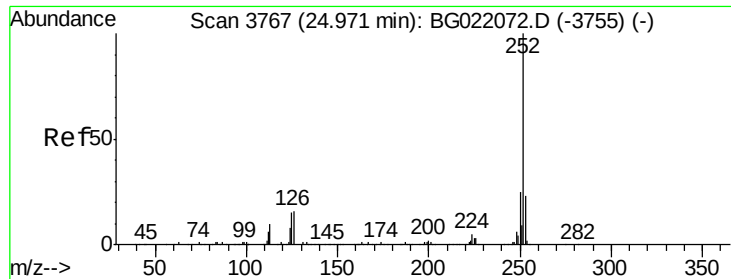
#86  
Benzo(k)fluoranthene  
Concen: 17.25 ng/ul  
RT: 24.14 min Scan# 3625  
Delta R.T. 0.01 min  
Lab File: BG022084.D  
Acq: 26 May 2016 17:03

Tgt Ion:252 Resp: 214245  
Ion Ratio Lower Upper  
252 100  
253 22.8 15.8 23.6  
125 13.8 10.6 16.0



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





#88

Benzo(a)pyrene

Concen: 18.05 ng/ul

RT: 24.97 min Scan# 3766

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampleId :

SSTD02019

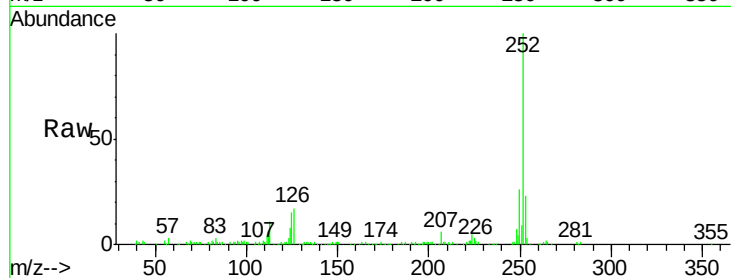
Tgt Ion:252 Resp: 222301

Ion Ratio Lower Upper

252 100

253 22.5 19.0 28.4

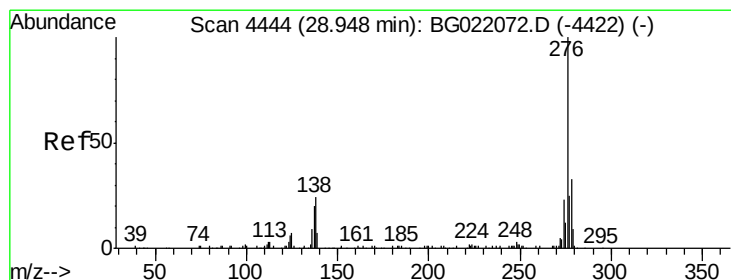
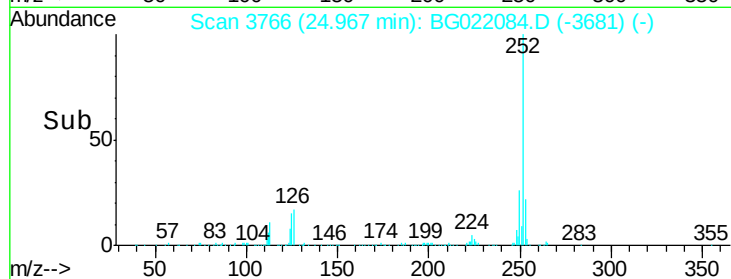
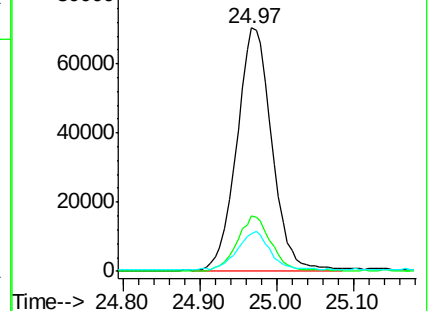
125 15.4 12.0 18.0



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 18.50 ng/ul

RT: 28.95 min Scan# 4443

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

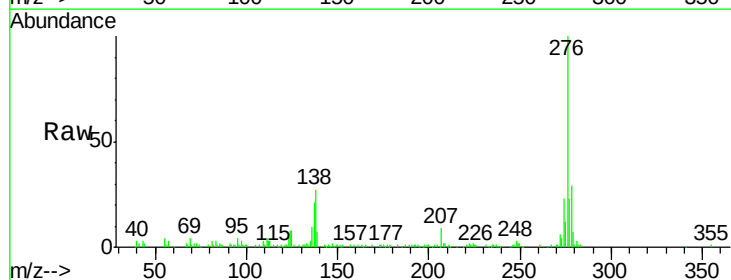
Tgt Ion:276 Resp: 261243

Ion Ratio Lower Upper

276 100

138 27.3 20.8 31.2

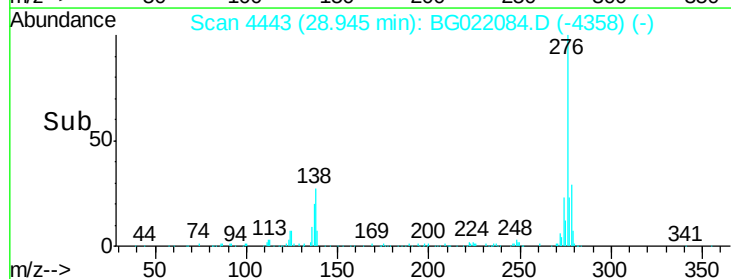
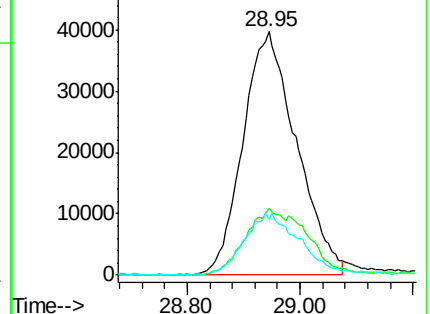
277 23.0 17.6 26.4

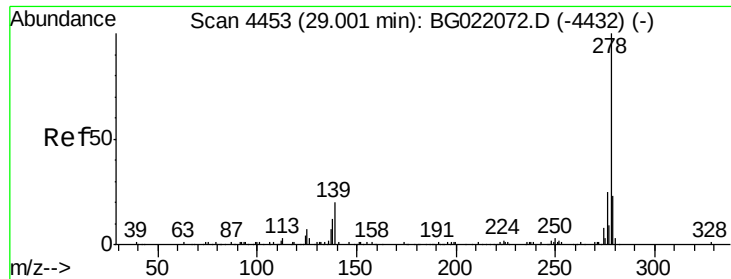


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 17.90 ng/ul

RT: 29.00 min Scan# 4452

Delta R.T. -0.00 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

Instrument :

BNA\_G

ClientSampled :

SSTD02019

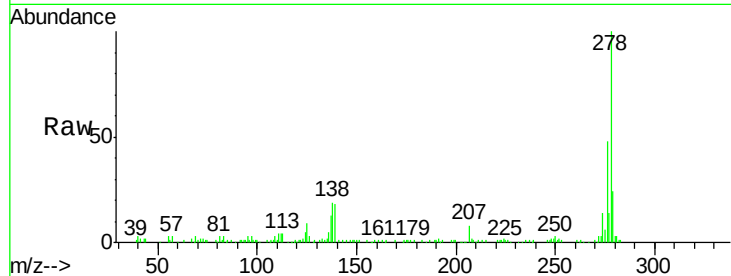
Tgt Ion:278 Resp: 211442

Ion Ratio Lower Upper

278 100

139 17.7 16.3 24.5

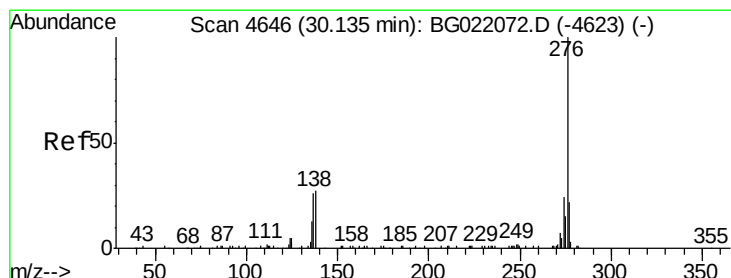
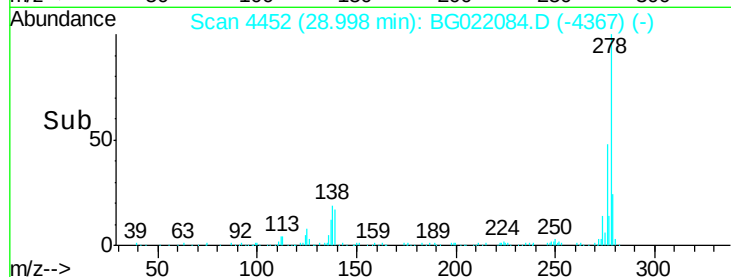
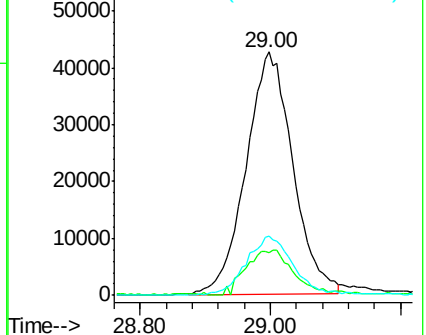
279 24.2 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 18.98 ng/ul

RT: 30.13 min Scan# 4644

Delta R.T. -0.01 min

Lab File: BG022084.D

Acq: 26 May 2016 17:03

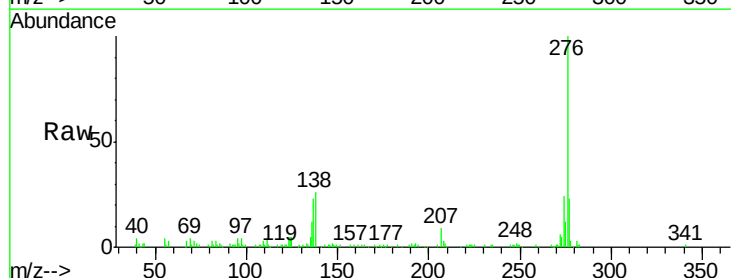
Tgt Ion:276 Resp: 214627

Ion Ratio Lower Upper

276 100

138 25.5 22.1 33.1

277 22.9 17.0 25.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

