

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG112015\  
 Data File : BG019776.D  
 Acq On : 22 Nov 2015 10:38  
 Operator : UM/NP  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

Quant Time: Nov 23 00:42:07 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG111615.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 23 00:37:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.11  | 152  | 22472    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.94 | 136  | 93637    | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.75 | 164  | 78904    | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.50 | 188  | 227414   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.77 | 240  | 277404   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 25.08 | 264  | 275054   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.40  | 96  | 3775   | 7.17  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 7.26  | 99  | 46485  | 20.20 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.43  | 67  | 27886  | 18.49 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.64  | 132 | 28850  | 19.54 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.83  | 113 | 37384  | 19.61 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.28  | 128 | 15739  | 20.47 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 10.01 | 143 | 18779  | 21.70 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.56 | 165 | 40750  | 21.78 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 11.08 | 131 | 35454  | 19.96 | ng/ul | 0.00  |
| 44) Dimethylphthalate-d6       | 14.15 | 166 | 146359 | 20.51 | ng/ul | 0.00  |
| 47) Acenaphthylene-d8          | 14.45 | 160 | 156583 | 20.24 | ng/ul | 0.00  |
| 52) 4-Nitrophenol-d4           | 14.95 | 143 | 22139  | 19.69 | ng/ul | 0.01  |
| 58) Fluorene-d10               | 15.75 | 176 | 131644 | 20.62 | ng/ul | 0.00  |
| 63) 4,6-Dinitro-2-methylphenol | 15.86 | 200 | 28174  | 19.18 | ng/ul | 0.00  |
| 71) Anthracene-d10             | 17.60 | 188 | 223227 | 20.22 | ng/ul | 0.00  |
| 79) Pyrene-d10                 | 19.88 | 212 | 259066 | 20.50 | ng/ul | 0.00  |
| 90) Benzo(a)pyrene-d12         | 24.85 | 264 | 292907 | 20.40 | ng/ul | 0.02  |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.43  | 88  | 4236   | 7.06  | ng/uL  | 97     |
| 4) Benzaldehyde                | 7.23  | 77  | 34287  | 20.44 | ng/ul  | 95     |
| 6) Phenol                      | 7.29  | 94  | 48375  | 19.46 | ng/ul  | 96     |
| 8) Bis(2-Chloroethyl)ether     | 7.52  | 93  | 34275  | 19.81 | ng/ul  | 92     |
| 10) 2-Chlorophenol             | 7.67  | 128 | 29375  | 20.36 | ng/ul# | 85     |
| 11) 2-Methylphenol             | 8.56  | 108 | 35755  | 19.54 | ng/ul  | 91     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.64  | 45  | 27017  | 17.88 | ng/ul  | 95     |
| 14) Acetophenone               | 8.94  | 105 | 63127  | 20.05 | ng/ul  | 94     |
| 15) N-Nitroso-di-n-propylamine | 8.92  | 70  | 37745  | 17.74 | ng/ul# | 94     |
| 16) 4-Methylphenol             | 8.88  | 108 | 40443  | 19.61 | ng/ul  | 99     |
| 17) Hexachloroethane           | 9.21  | 117 | 13886  | 20.26 | ng/ul  | 92     |
| 20) Nitrobenzene               | 9.33  | 77  | 53518  | 19.33 | ng/ul  | 98     |
| 21) Isophorone                 | 9.85  | 82  | 107793 | 20.18 | ng/ul# | 95     |
| 23) 2-Nitrophenol              | 10.05 | 139 | 19439  | 20.76 | ng/ul  | 98     |
| 24) 2,4-Dimethylphenol         | 10.10 | 107 | 52291  | 20.96 | ng/ul  | 96     |
| 25) Bis(2-Chloroethoxy)methane | 10.34 | 93  | 54363  | 20.57 | ng/ul  | 93     |
| 27) 2,4-Dichlorophenol         | 10.59 | 162 | 39134  | 21.96 | ng/ul  | 93     |
| 28) Naphthalene                | 10.99 | 128 | 101349 | 20.04 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 11.10 | 127 | 38367  | 20.77 | ng/ul  | 99     |
| 31) Hexachlorobutadiene        | 11.27 | 225 | 35644  | 22.23 | ng/ul  | 95     |
| 32) Caprolactam                | 11.86 | 113 | 9031   | 12.46 | ng/ul  | 91     |
| 33) 4-Chloro-3-methylphenol    | 12.22 | 107 | 52890  | 21.29 | ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 12.59 | 142 | 80996  | 20.08 | ng/ul  | 96     |

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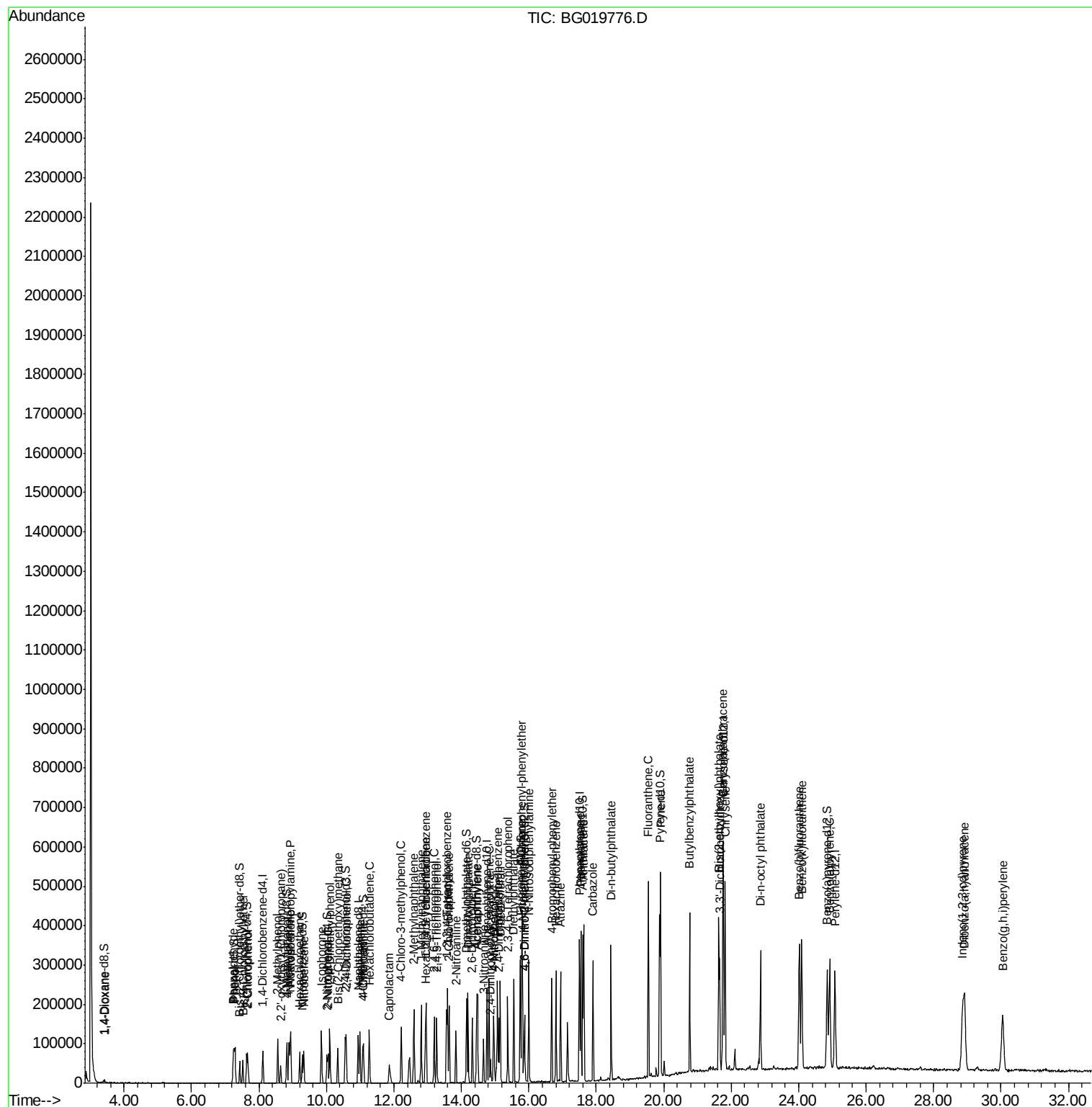
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.81 | 142  | 80722    | 20.08 | ng/ul  | 100      |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.96 | 216  | 68031    | 21.51 | ng/ul  | 97       |
| 38) Hexachlorocyclopentadiene  | 12.93 | 237  | 34529    | 18.74 | ng/ul  | 93       |
| 39) 2,4,6-Trichlorophenol      | 13.20 | 196  | 43948    | 22.78 | ng/ul  | 95       |
| 40) 2,4,5-Trichlorophenol      | 13.27 | 196  | 47790    | 23.67 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.59 | 154  | 119232   | 20.32 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.64 | 162  | 92823    | 20.35 | ng/ul  | 99       |
| 43) 2-Nitroaniline             | 13.84 | 65   | 37625    | 19.52 | ng/ul# | 87       |
| 45) Dimethylphthalate          | 14.20 | 163  | 145616   | 20.58 | ng/ul  | 99       |
| 46) 2,6-Dinitrotoluene         | 14.32 | 165  | 31626    | 22.34 | ng/ul  | 93       |
| 48) Acenaphthylene             | 14.48 | 152  | 155828   | 20.19 | ng/ul  | 97       |
| 49) 3-Nitroaniline             | 14.66 | 138  | 24660    | 20.91 | ng/ul  | 97       |
| 50) Acenaphthene               | 14.82 | 153  | 106296   | 20.11 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.87 | 184  | 13251    | 14.25 | ng/ul  | 97       |
| 53) 4-Nitrophenol              | 14.97 | 109  | 27146    | 19.81 | ng/ul  | 93       |
| 54) Dibenzofuran               | 15.15 | 168  | 159544   | 20.59 | ng/ul  | 95       |
| 55) 2,4-Dinitrotoluene         | 15.11 | 165  | 46653    | 21.19 | ng/ul  | 87       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.38 | 232  | 49675    | 23.21 | ng/ul  | 97       |
| 57) Diethylphthalate           | 15.56 | 149  | 143529   | 20.30 | ng/ul  | 99       |
| 59) Fluorene                   | 15.80 | 166  | 137442   | 20.29 | ng/ul  | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.79 | 204  | 81599    | 20.71 | ng/ul  | 95       |
| 61) 4-Nitroaniline             | 15.82 | 138  | 28555    | 20.11 | ng/ul  | 99       |
| 64) 4,6-Dinitro-2-methylphenol | 15.88 | 198  | 27944    | 17.91 | ng/ul  | 94       |
| 65) N-Nitrosodiphenylamine     | 16.00 | 169  | 121548   | 19.84 | ng/ul  | 96       |
| 66) 4-Bromophenyl-phenylether  | 16.68 | 248  | 58772    | 21.49 | ng/ul  | 94       |
| 67) Hexachlorobenzene          | 16.80 | 284  | 60432    | 20.96 | ng/ul  | 93       |
| 68) Atrazine                   | 16.94 | 200  | 59792    | 20.92 | ng/ul  | 99       |
| 70) Phenanthrene               | 17.54 | 178  | 241579   | 19.85 | ng/ul  | 98       |
| 72) Anthracene                 | 17.63 | 178  | 244375   | 19.91 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.56 | 216  | 68597    | 21.85 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 15.07 | 250  | 71440    | 21.81 | ng/uL  | 95       |
| 75) Carbazole                  | 17.90 | 167  | 201926   | 20.49 | ng/ul  | 98       |
| 76) Di-n-butylphthalate        | 18.44 | 149  | 242811   | 19.00 | ng/ul  | 100      |
| 77) Fluoranthene               | 19.54 | 202  | 316549   | 20.41 | ng/ul# | 98       |
| 80) Pyrene                     | 19.91 | 202  | 324586   | 20.03 | ng/ul# | 95       |
| 81) Butylbenzylphthalate       | 20.77 | 149  | 106144   | 19.91 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.66 | 252  | 105491   | 20.79 | ng/ul  | 95       |
| 83) Benzo(a)anthracene         | 21.75 | 228  | 345776   | 20.56 | ng/ul  | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.63 | 149  | 159444   | 20.40 | ng/ul# | 98       |
| 85) Chrysene                   | 21.82 | 228  | 324825   | 20.52 | ng/ul  | 97       |
| 87) Di-n-octyl phthalate       | 22.87 | 149  | 269777   | 20.20 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 24.02 | 252  | 340212   | 20.07 | ng/ul  | 100      |
| 89) Benzo(k)fluoranthene       | 24.09 | 252  | 324183   | 19.83 | ng/ul  | 96       |
| 91) Benzo(a)pyrene             | 24.92 | 252  | 325289   | 19.94 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.86 | 276  | 368839   | 20.20 | ng/ul# | 94       |
| 93) Dibenzo(a,h)anthracene     | 28.92 | 278  | 307074   | 20.46 | ng/ul  | 97       |
| 94) Benzo(g,h,i)perylene       | 30.05 | 276  | 307705   | 20.31 | ng/ul  | 98       |
| -----                          |       |      |          |       |        |          |

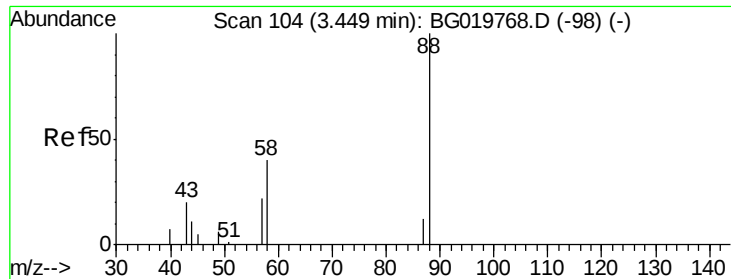
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 7.06 ng/uL

RT: 3.43 min Scan# 101

Delta R.T. -0.02 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

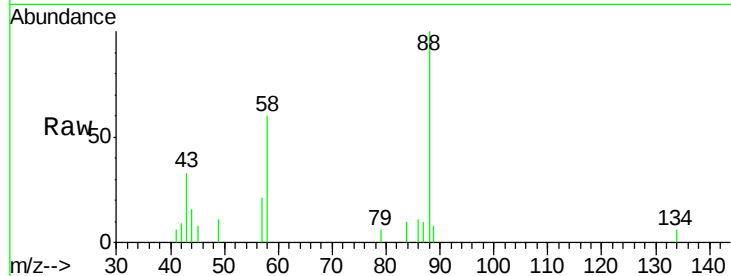
Tgt Ion: 88 Resp: 4236

Ion Ratio Lower Upper

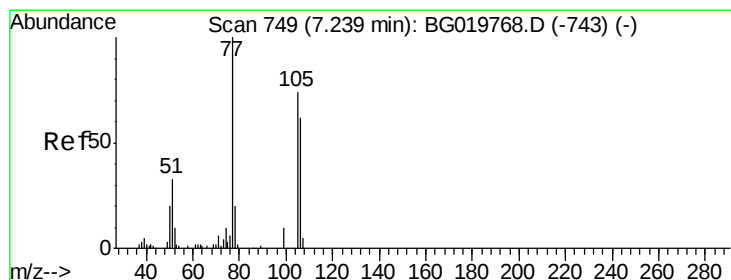
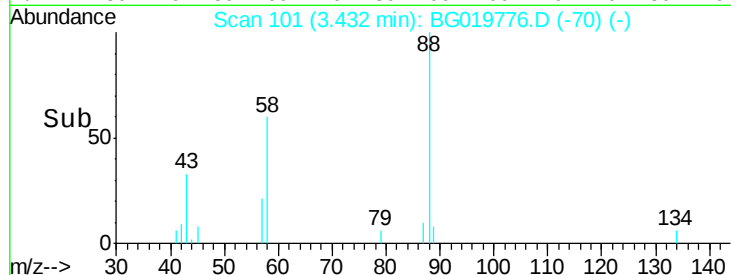
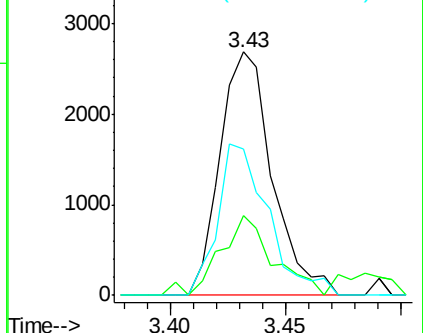
88 100

43 33.0 22.6 33.8

58 60.3 48.0 72.0



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



#4

Benzaldehyde

Concen: 20.44 ng/uL

RT: 7.23 min Scan# 748

Delta R.T. -0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

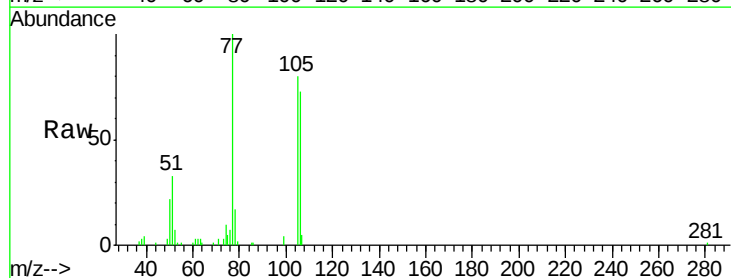
Tgt Ion: 77 Resp: 34287

Ion Ratio Lower Upper

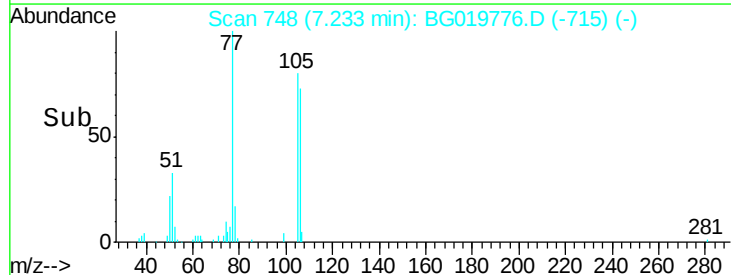
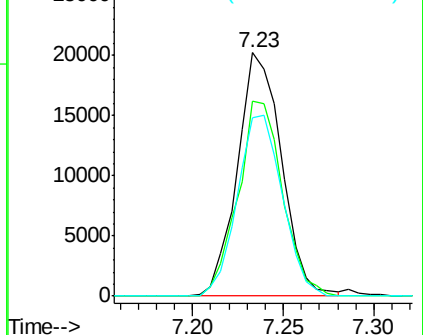
77 100

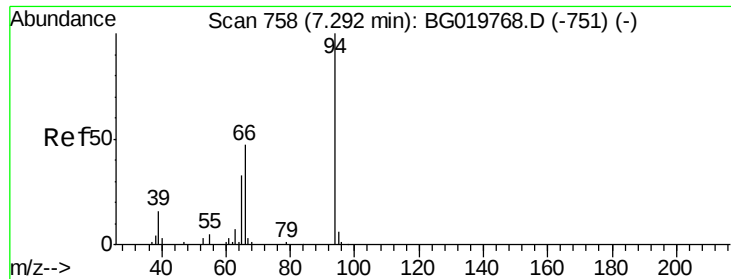
105 80.0 58.6 88.0

106 73.1 57.7 86.5



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





#6

Phenol

Concen: 19.46 ng/ul

RT: 7.29 min Scan# 758

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

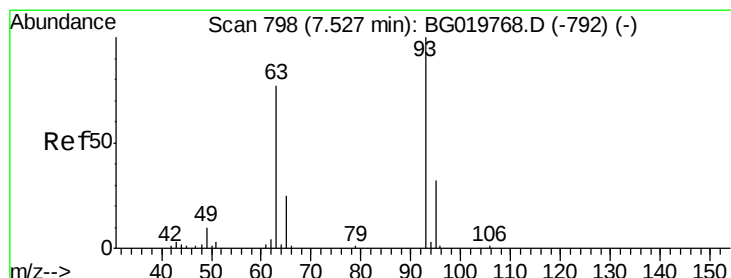
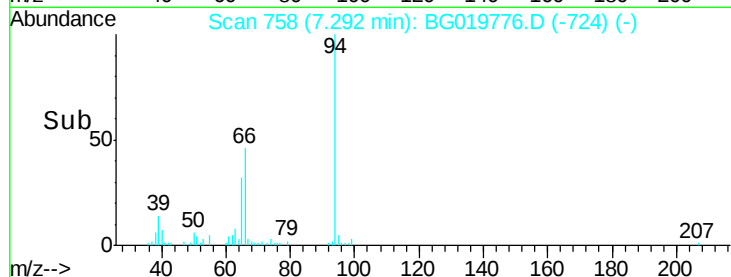
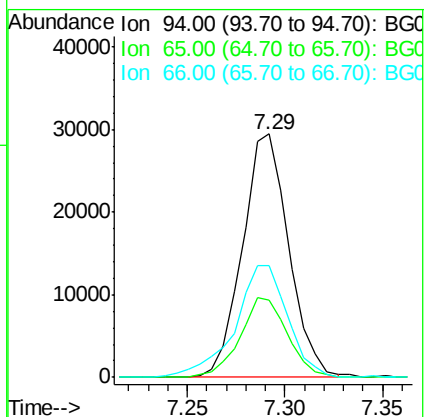
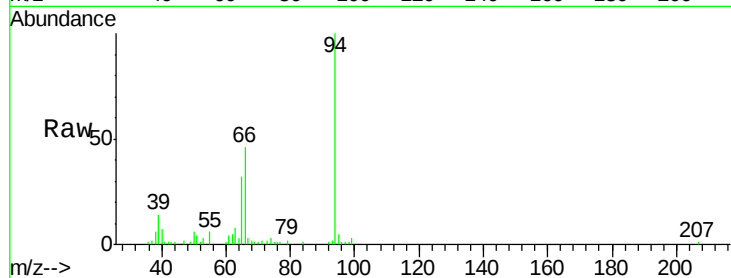
Tgt Ion: 94 Resp: 48375

Ion Ratio Lower Upper

94 100

65 31.7 27.4 41.0

66 45.9 39.0 58.6



#8

Bis(2-Chloroethyl)ether

Concen: 19.81 ng/ul

RT: 7.52 min Scan# 797

Delta R.T. -0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

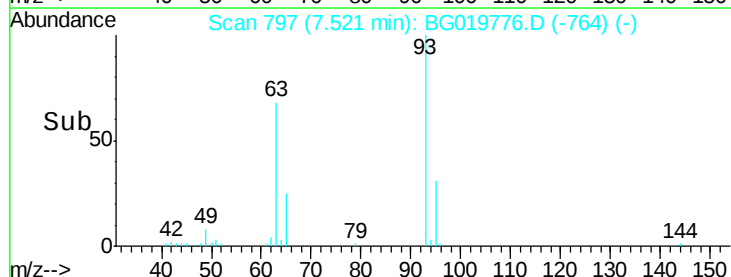
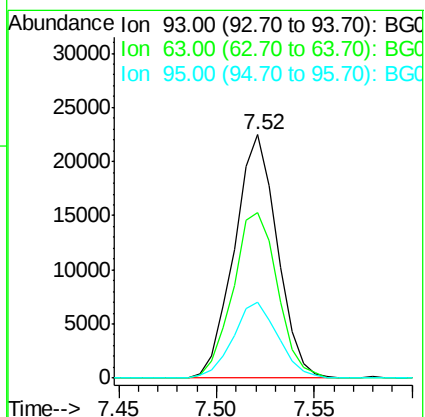
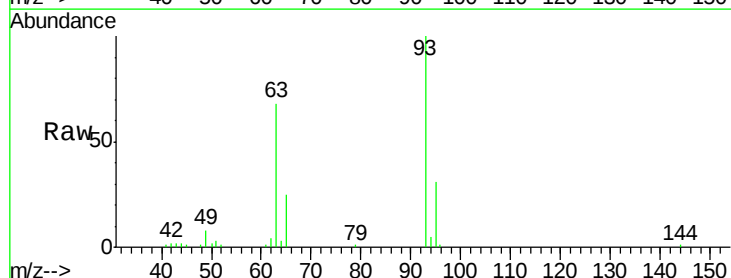
Tgt Ion: 93 Resp: 34275

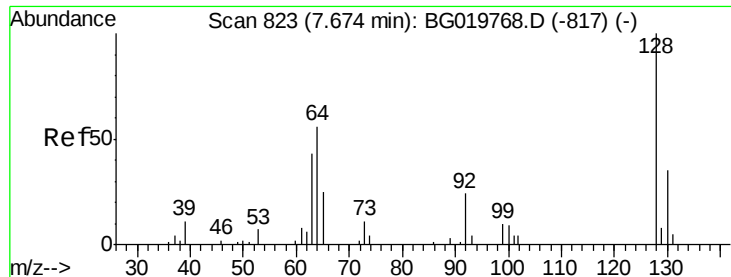
Ion Ratio Lower Upper

93 100

63 68.1 61.0 91.4

95 31.1 23.7 35.5

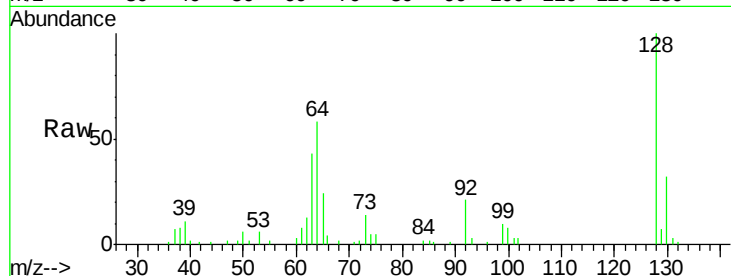




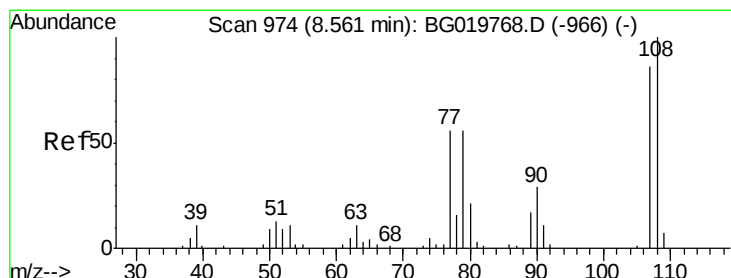
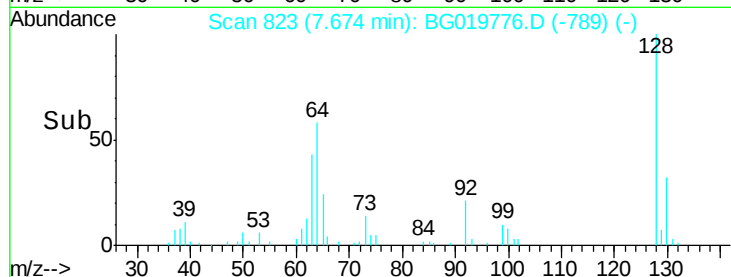
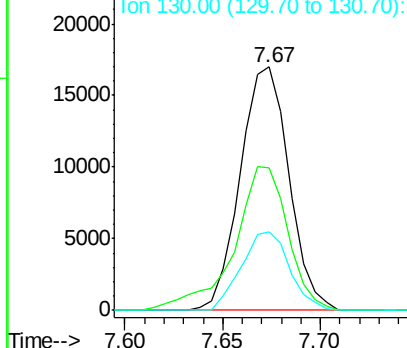
#10  
2-Chlorophenol  
Concen: 20.36 ng/ul  
RT: 7.67 min Scan# 823  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
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Tgt Ion:128 Resp: 29375  
Ion Ratio Lower Upper  
128 100  
64 58.4 59.4 89.0#  
130 32.2 28.9 43.3

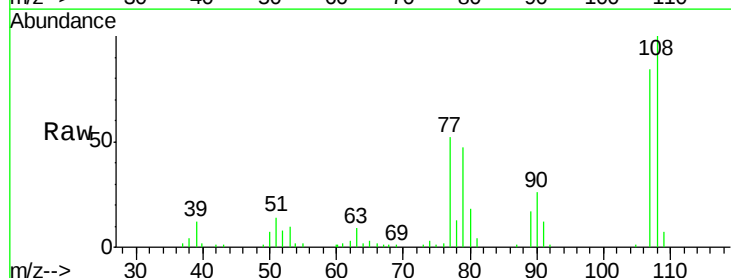


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BG  
Ion 130.00 (129.70 to 130.70): E

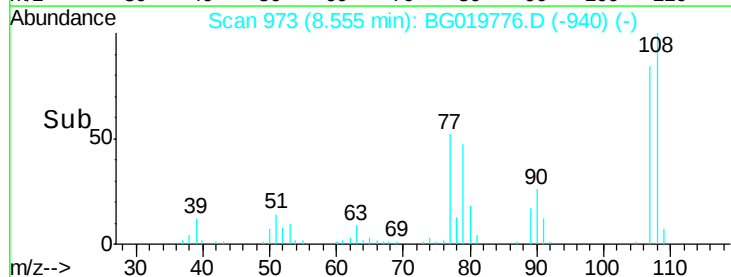
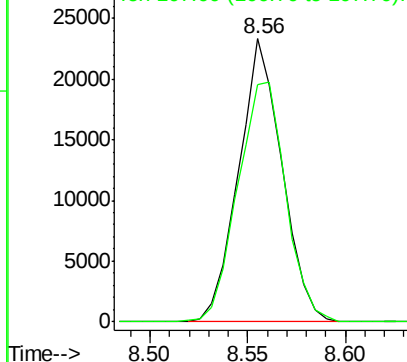


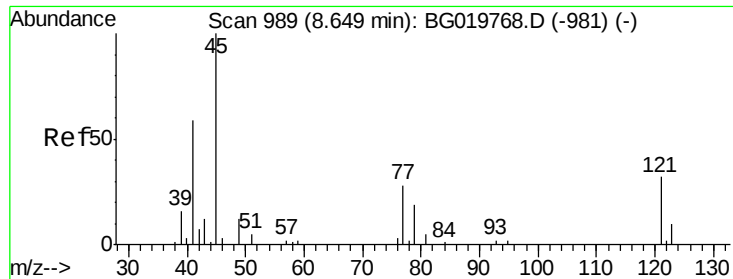
#11  
2-Methylphenol  
Concen: 19.54 ng/ul  
RT: 8.56 min Scan# 973  
Delta R.T. -0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:108 Resp: 35755  
Ion Ratio Lower Upper  
108 100  
107 83.8 74.3 111.5



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

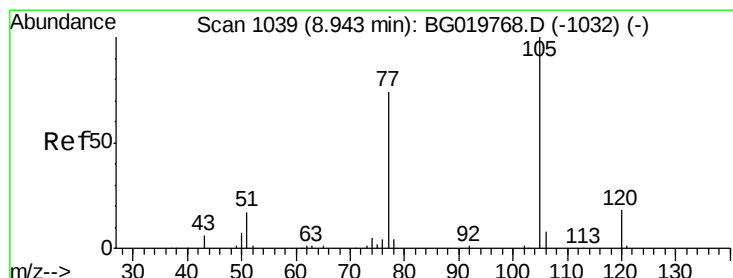
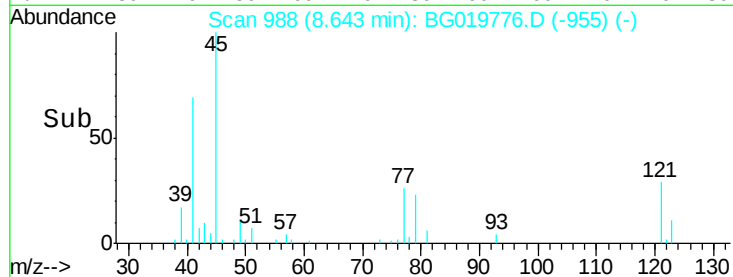
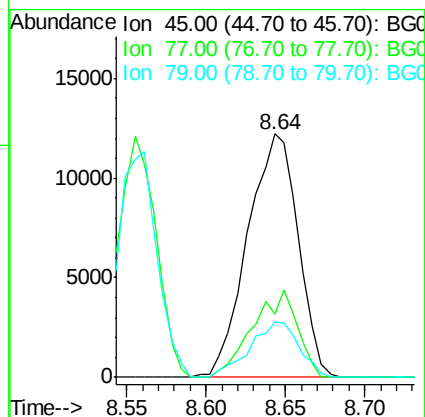
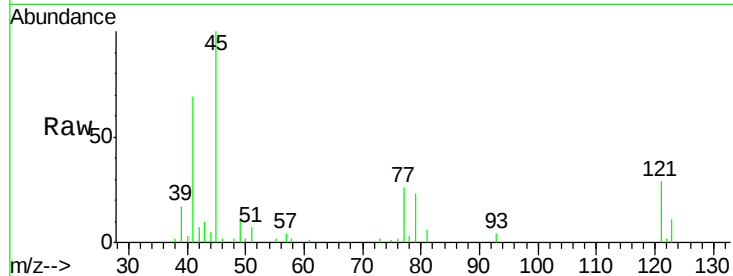




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 17.88 ng/ul  
RT: 8.64 min Scan# 988  
Delta R.T. -0.01 min  
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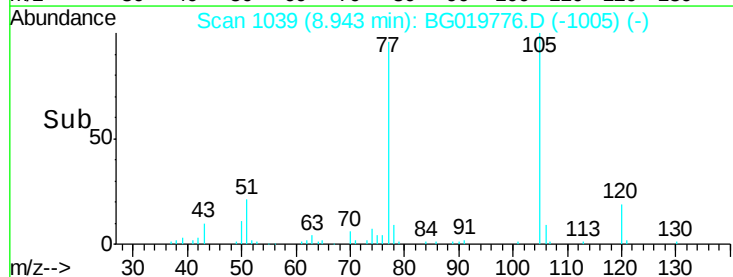
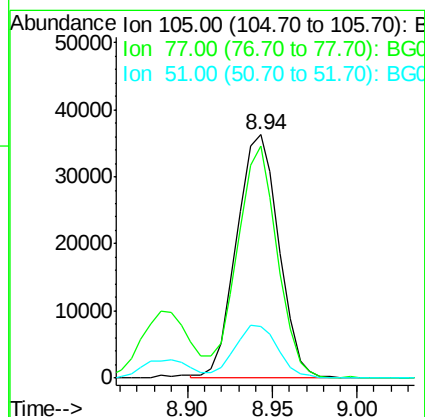
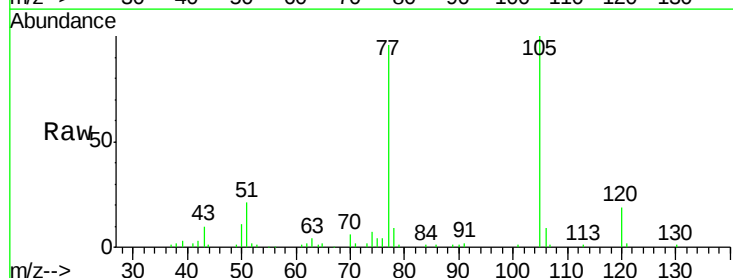
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

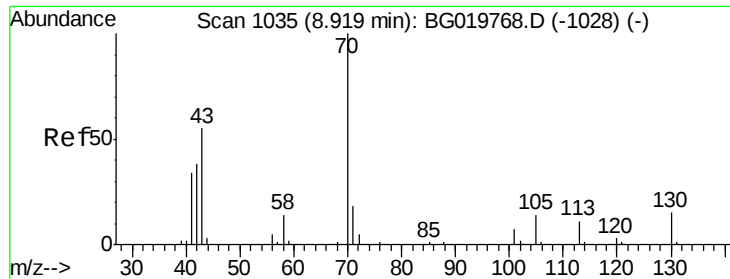
Tgt Ion: 45 Resp: 27017  
Ion Ratio Lower Upper  
45 100  
77 26.1 19.1 28.7  
79 22.7 16.2 24.2



#14  
Acetophenone  
Concen: 20.05 ng/ul  
RT: 8.94 min Scan# 1039  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion: 105 Resp: 63127  
Ion Ratio Lower Upper  
105 100  
77 95.5 81.4 122.2  
51 21.3 18.9 28.3

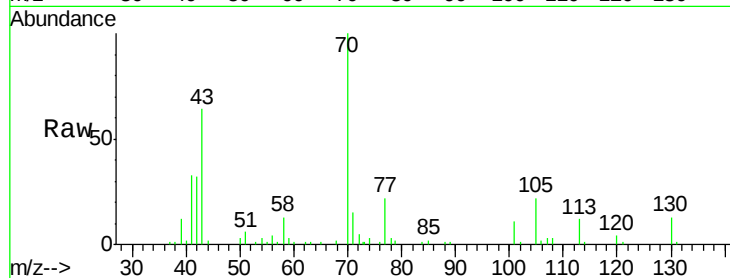




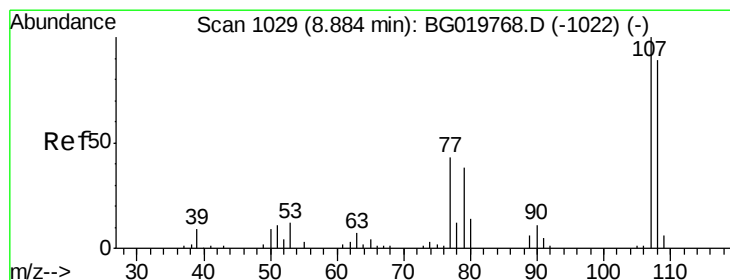
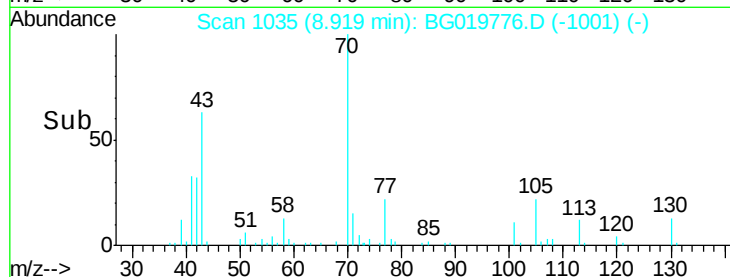
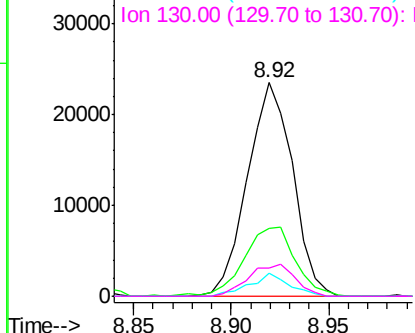
#15  
N-Nitroso-di-n-propylamine  
Concen: 17.74 ng/ul  
RT: 8.92 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion: 70 Resp: 37745  
Ion Ratio Lower Upper  
70 100  
42 32.1 28.4 42.6  
101 10.7 5.3 7.9#  
130 13.1 10.9 16.3

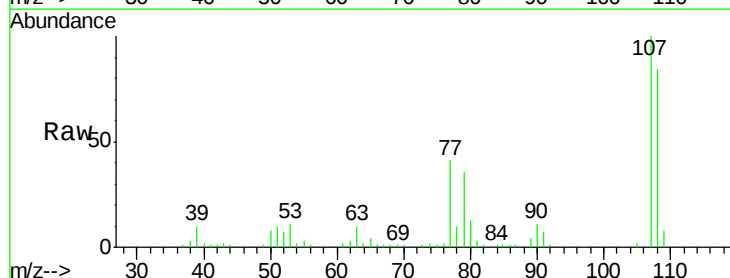


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

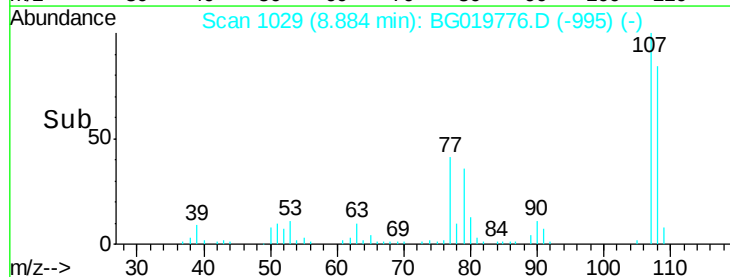
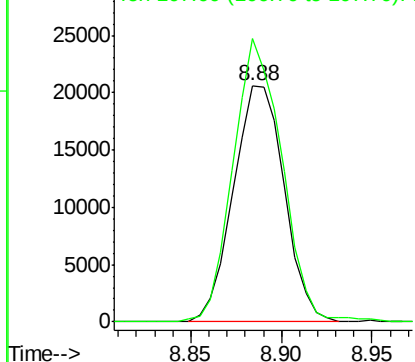


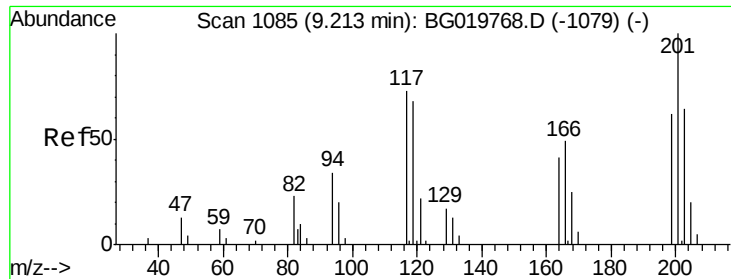
#16  
4-Methylphenol  
Concen: 19.61 ng/ul  
RT: 8.88 min Scan# 1029  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion: 108 Resp: 40443  
Ion Ratio Lower Upper  
108 100  
107 119.7 96.5 144.7



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

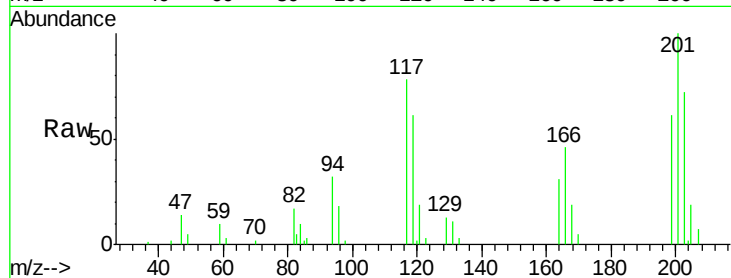




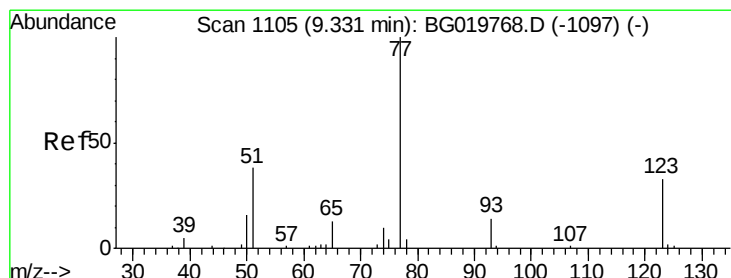
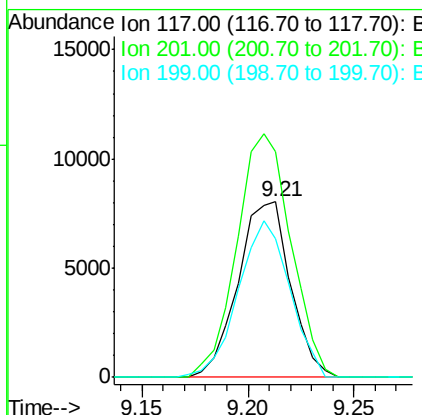
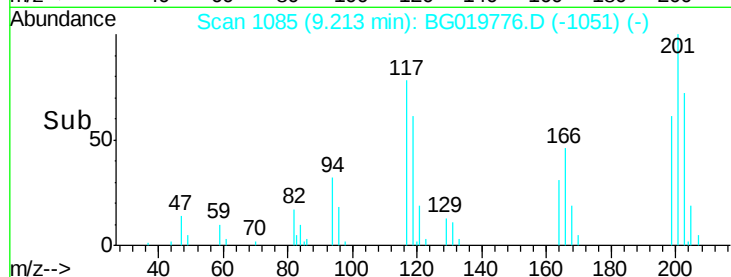
#17  
Hexachloroethane  
Concen: 20.26 ng/ul  
RT: 9.21 min Scan# 1085  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion: 117 Resp: 13886  
Ion Ratio Lower Upper  
117 100  
201 128.9 114.2 171.2  
199 78.7 65.0 97.6

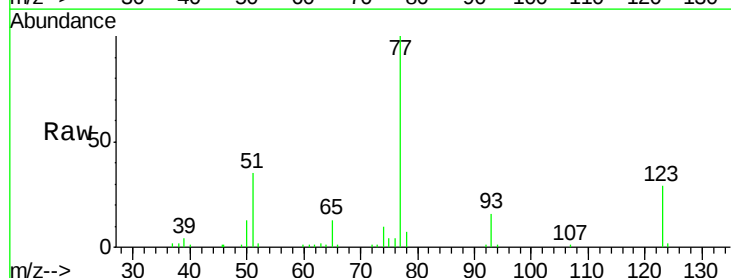


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

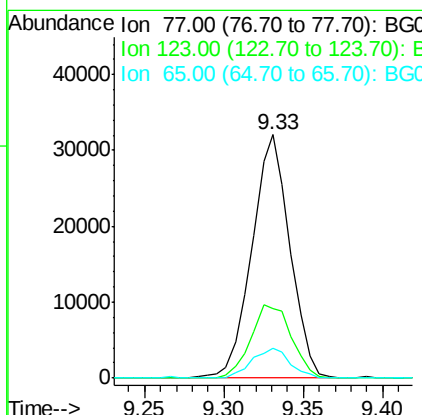
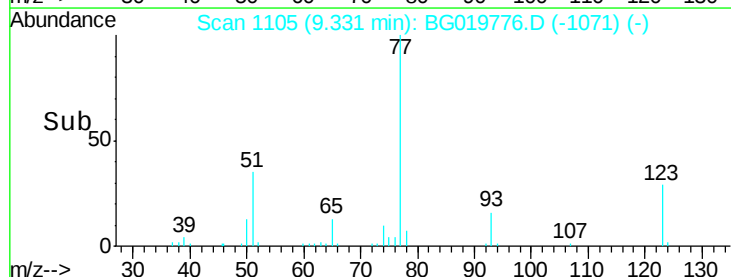


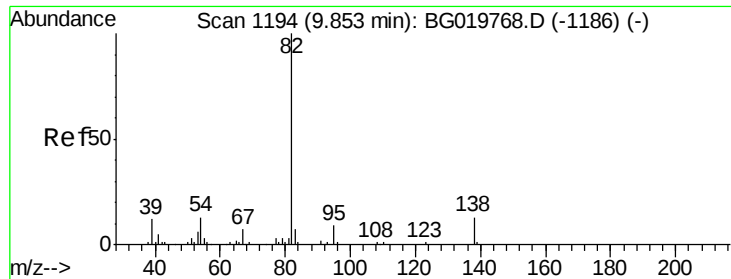
#20  
Nitrobenzene  
Concen: 19.33 ng/ul  
RT: 9.33 min Scan# 1105  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion: 77 Resp: 53518  
Ion Ratio Lower Upper  
77 100  
123 28.7 23.9 35.9  
65 12.5 10.5 15.7



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: 20.18 ng/ul

RT: 9.85 min Scan# 1194

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

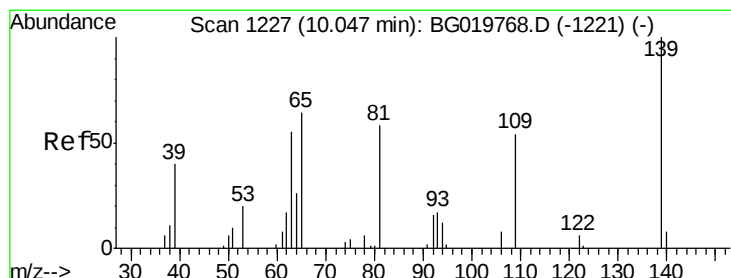
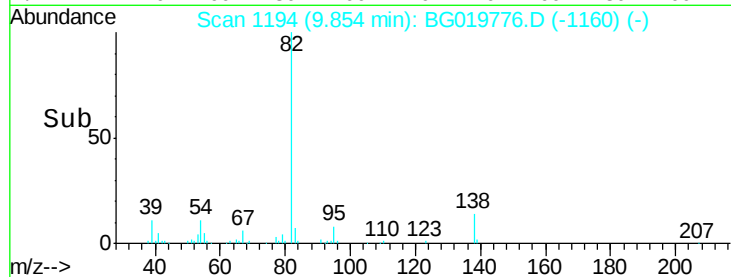
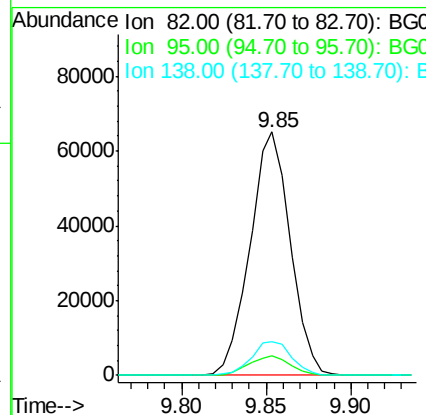
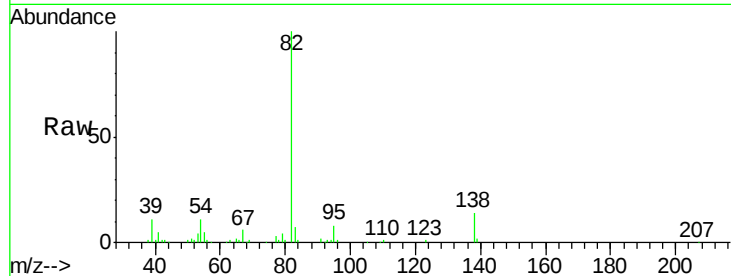
Tgt Ion: 82 Resp: 107793

Ion Ratio Lower Upper

82 100

95 8.1 6.0 9.0

138 13.9 9.1 13.7#



#23

2-Nitrophenol

Concen: 20.76 ng/ul

RT: 10.05 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

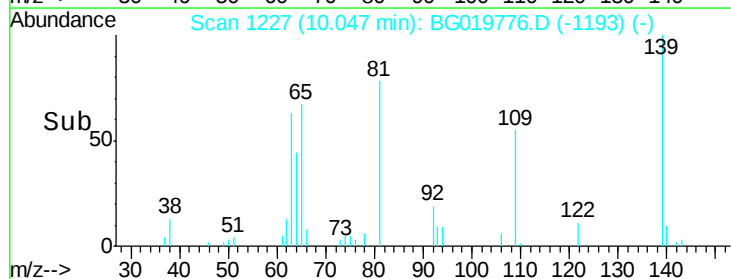
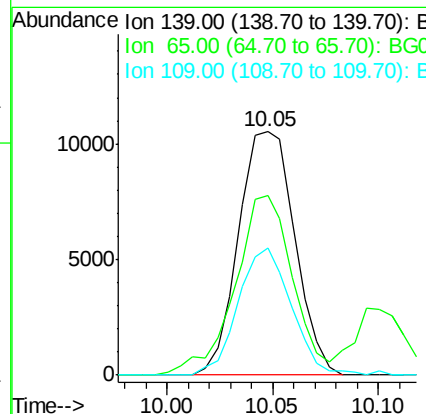
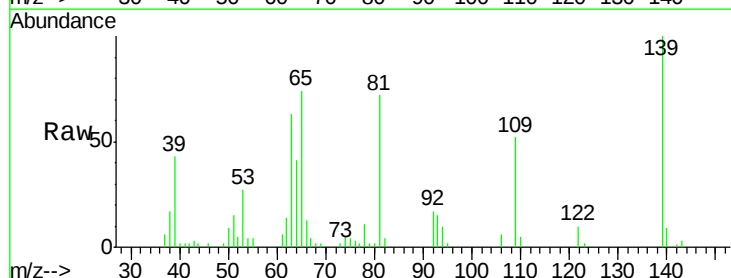
Tgt Ion: 139 Resp: 19439

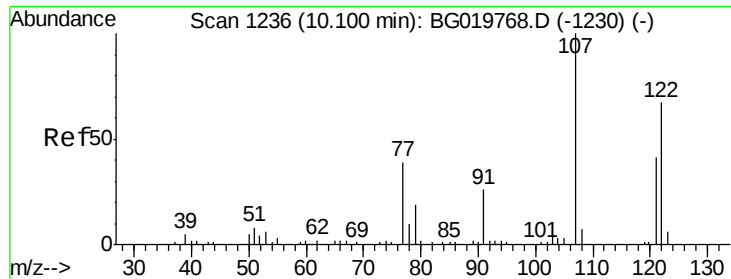
Ion Ratio Lower Upper

139 100

65 73.7 58.2 87.2

109 52.0 40.5 60.7

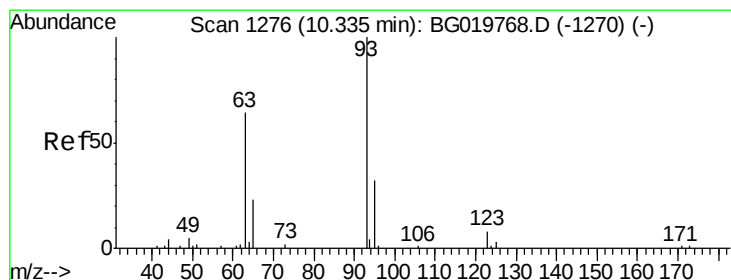
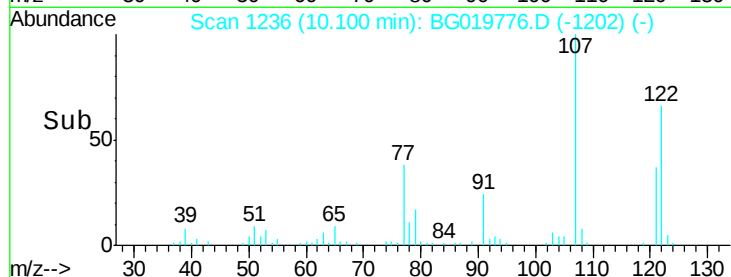
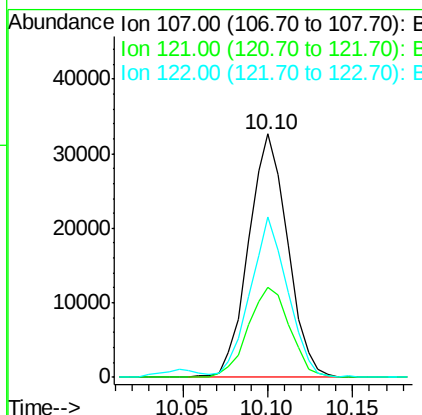
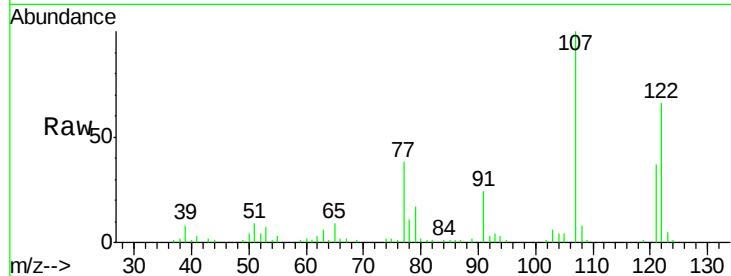




#24  
 2,4-Dimethylphenol  
 Concen: 20.96 ng/ul  
 RT: 10.10 min Scan# 1236  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

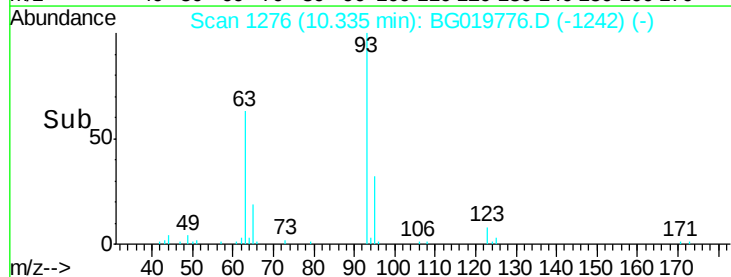
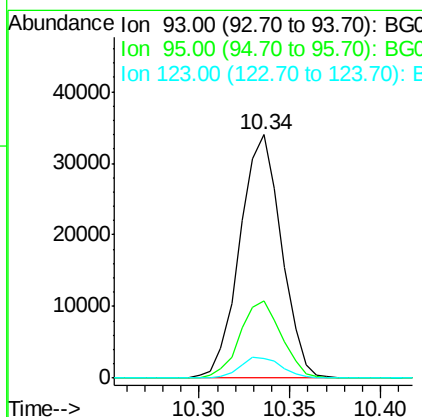
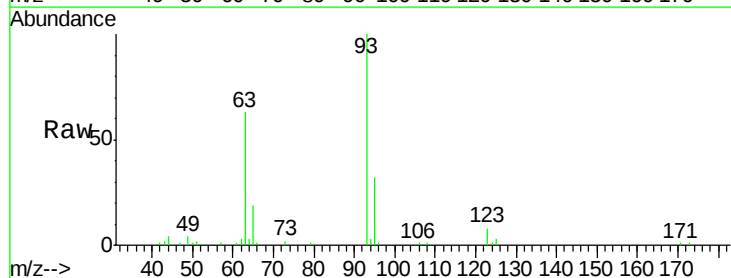
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02009

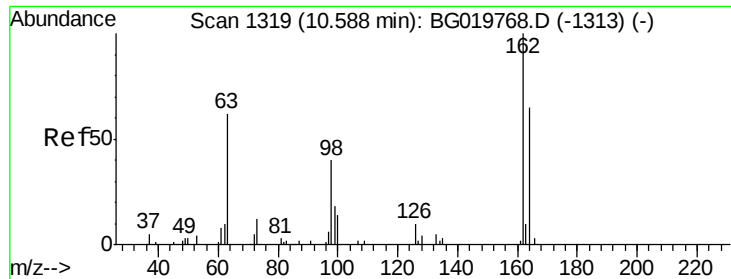
Tgt Ion: 107 Resp: 52291  
 Ion Ratio Lower Upper  
 107 100  
 121 36.9 32.8 49.2  
 122 66.1 51.8 77.8



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.57 ng/ul  
 RT: 10.34 min Scan# 1276  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Tgt Ion: 93 Resp: 54363  
 Ion Ratio Lower Upper  
 93 100  
 95 31.6 29.4 44.0  
 123 8.3 7.1 10.7

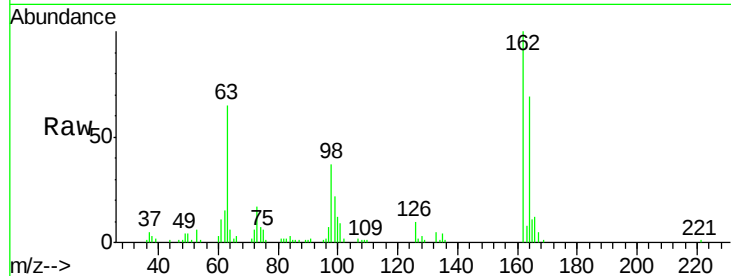




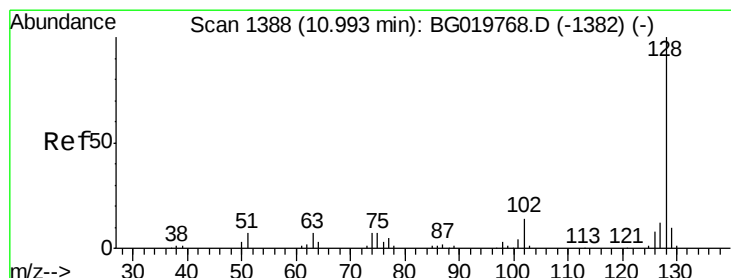
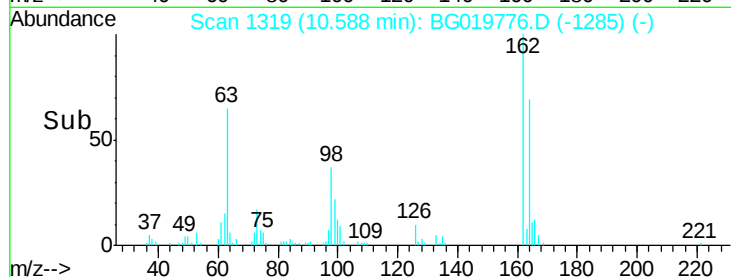
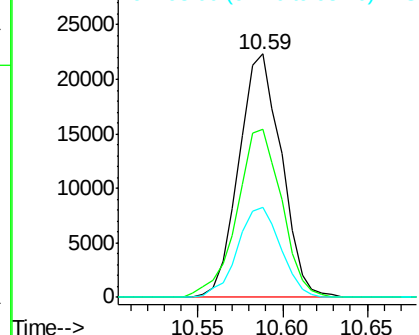
#27  
 2,4-Dichlorophenol  
 Concen: 21.96 ng/ul  
 RT: 10.59 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 69.0  | 50.2  | 75.2  |
| 98      | 37.0  | 32.5  | 48.7  |

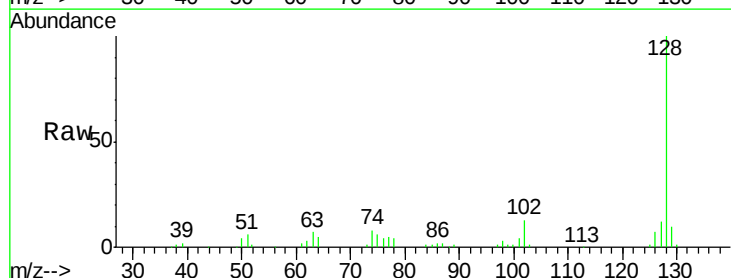


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): B

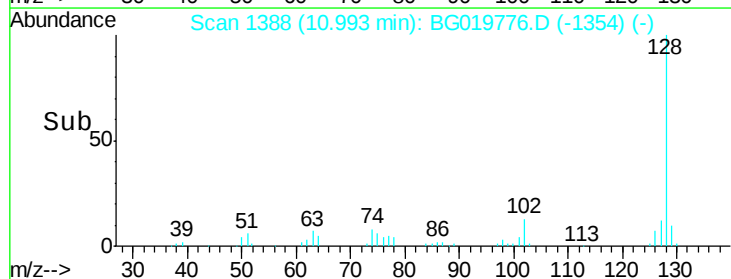
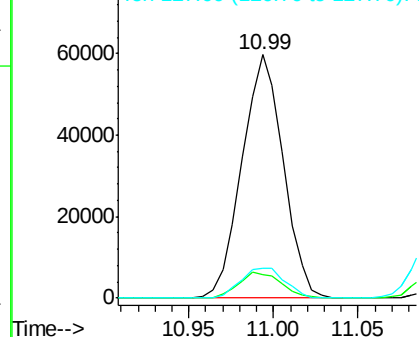


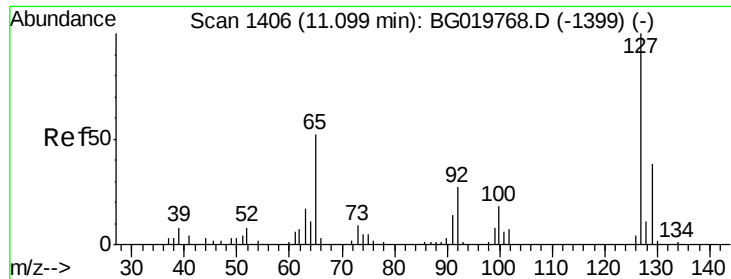
#28  
 Naphthalene  
 Concen: 20.04 ng/ul  
 RT: 10.99 min Scan# 1388  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 9.7   | 8.1   | 12.1  |
| 127     | 12.4  | 10.0  | 15.0  |



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

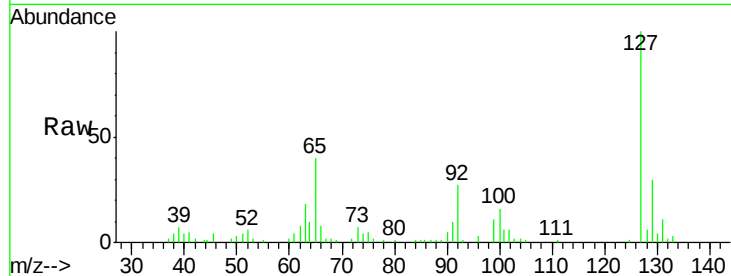




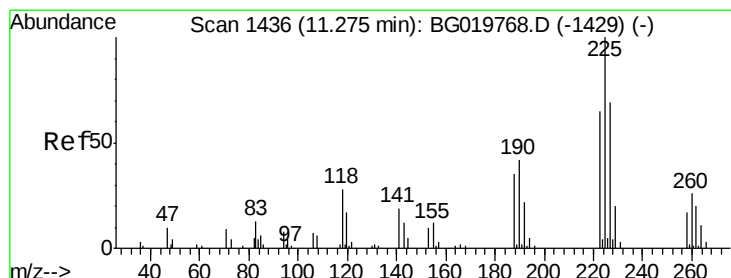
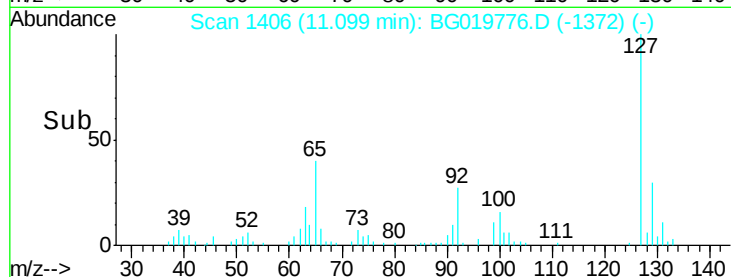
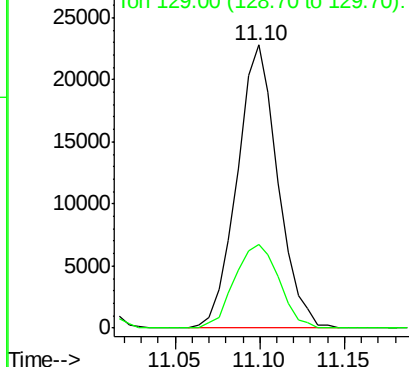
#30  
4-Chloroaniline  
Concen: 20.77 ng/ul  
RT: 11.10 min Scan# 1406  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion:127 Resp: 38367  
Ion Ratio Lower Upper  
127 100  
129 29.7 24.2 36.4

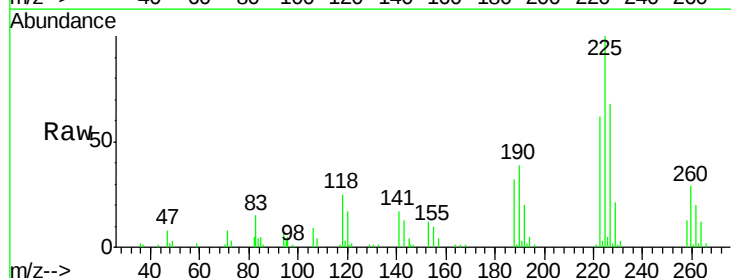


Abundance Ion 127.00 (126.70 to 127.70): E  
Ion 129.00 (128.70 to 129.70): E

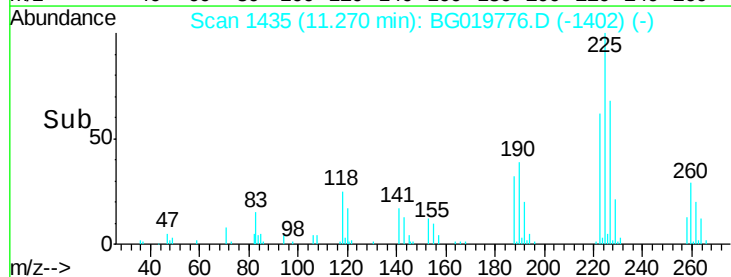
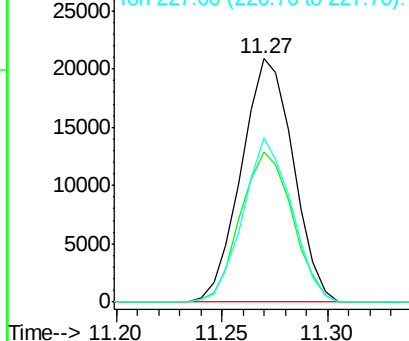


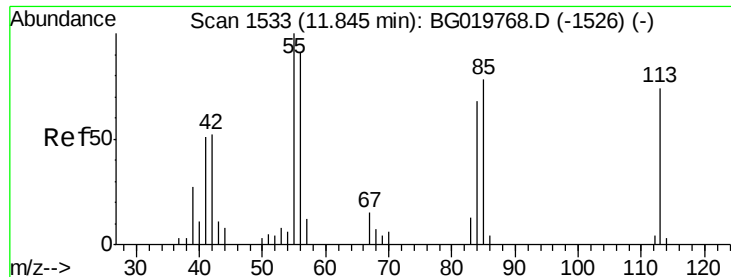
#31  
Hexachlorobutadiene  
Concen: 22.23 ng/ul  
RT: 11.27 min Scan# 1435  
Delta R.T. -0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:225 Resp: 35644  
Ion Ratio Lower Upper  
225 100  
223 61.7 52.4 78.6  
227 67.7 51.0 76.6



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





#32

Caprolactam

Concen: 12.46 ng/ul

RT: 11.86 min Scan# 1536

Delta R.T. 0.02 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

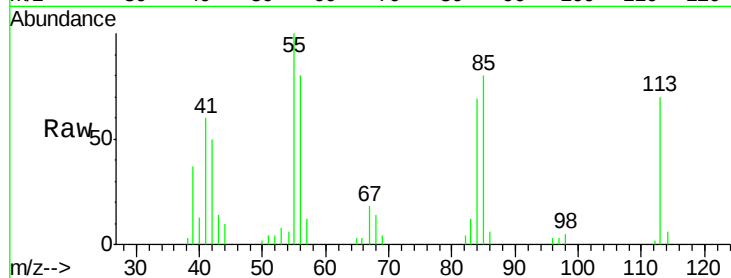
Tgt Ion:113 Resp: 9031

Ion Ratio Lower Upper

113 100

55 143.5 111.4 167.0

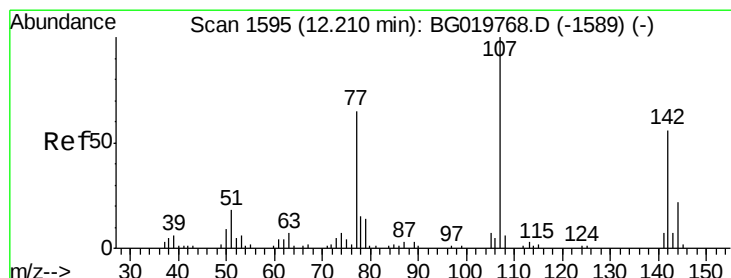
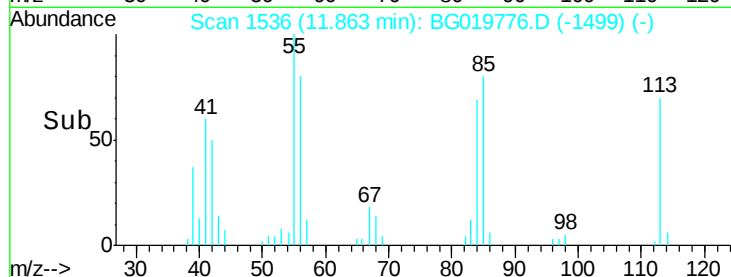
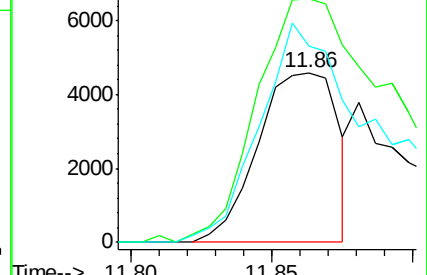
56 115.3 79.0 118.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#33

4-Chloro-3-methylphenol

Concen: 21.29 ng/ul

RT: 12.22 min Scan# 1596

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

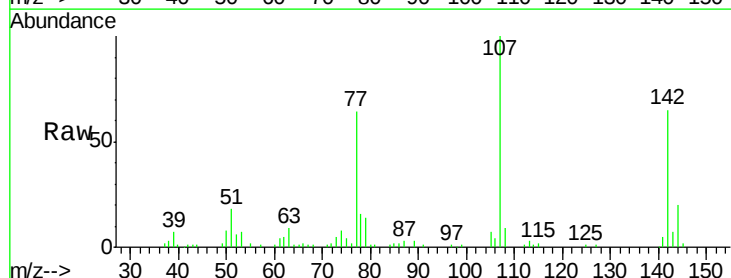
Tgt Ion:107 Resp: 52890

Ion Ratio Lower Upper

107 100

144 20.1 18.2 27.2

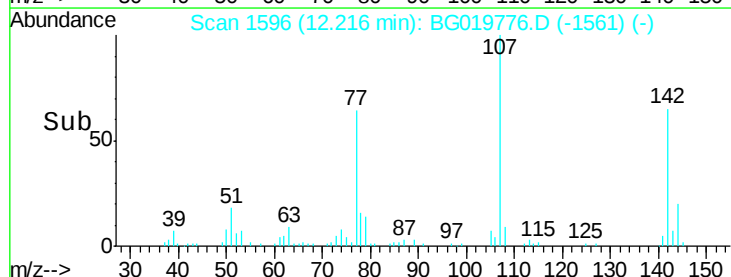
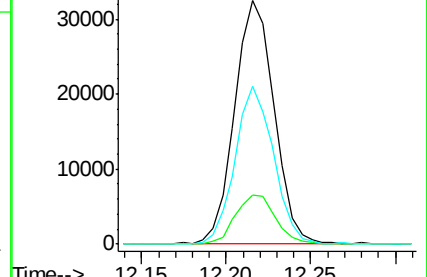
142 64.7 50.1 75.1

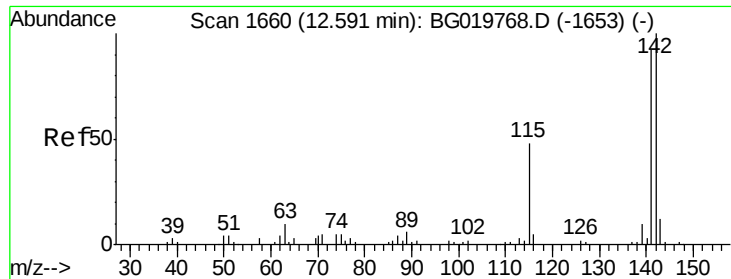


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

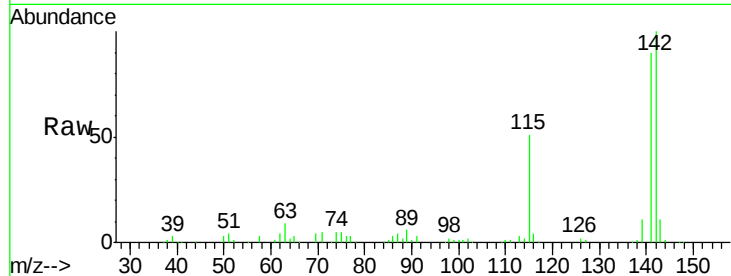




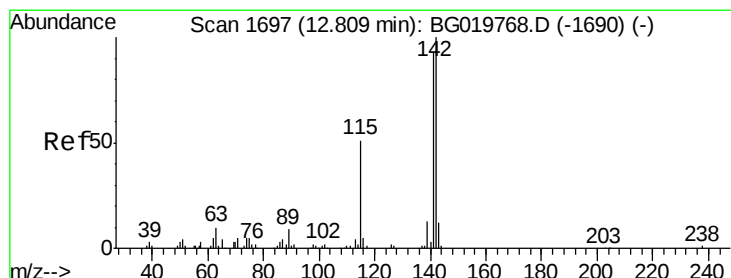
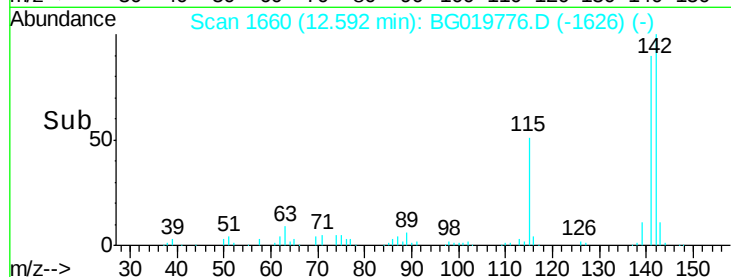
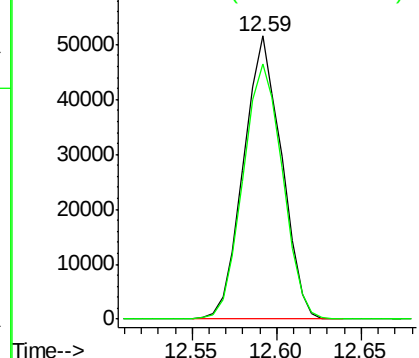
#34  
2-Methylnaphthalene  
Concen: 20.08 ng/ul  
RT: 12.59 min Scan# 1660  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion:142 Resp: 80996  
Ion Ratio Lower Upper  
142 100  
141 90.1 68.8 103.2

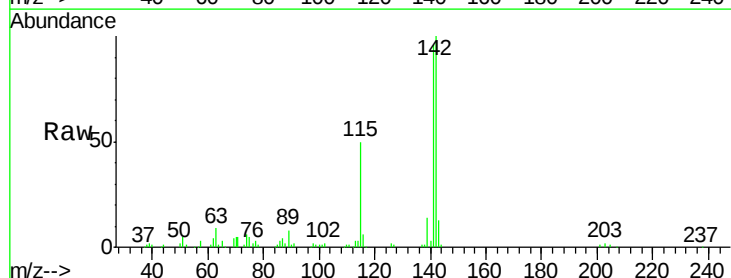


Abundance Ion 142.00 (141.70 to 142.70): E  
Ion 141.00 (140.70 to 141.70): E

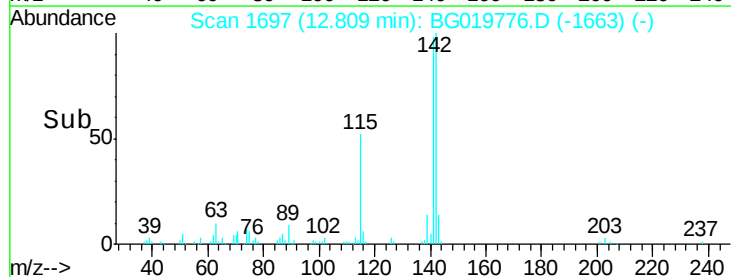
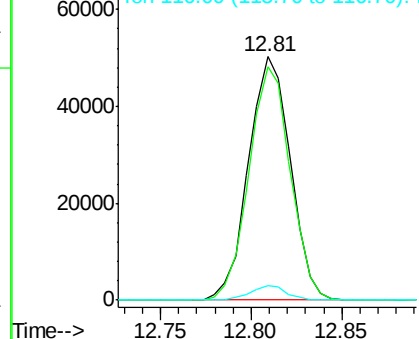


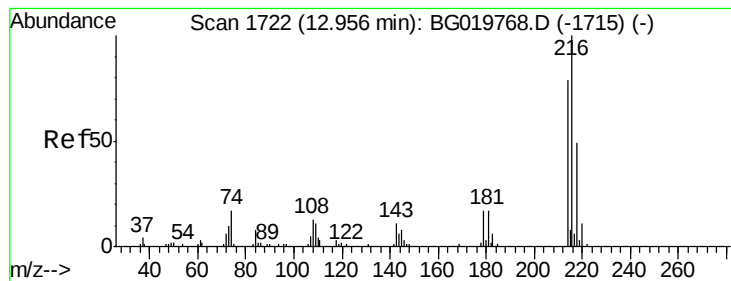
#35  
1-Methylnaphthalene  
Concen: 20.08 ng/ul  
RT: 12.81 min Scan# 1697  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:142 Resp: 80722  
Ion Ratio Lower Upper  
142 100  
141 95.8 76.6 114.8  
116 5.8 4.1 6.1



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





#37

1,2,4,5-Tetrachlorobenzene

Concen: 21.51 ng/ul

RT: 12.96 min Scan# 1722

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

Tgt Ion:216 Resp: 68031

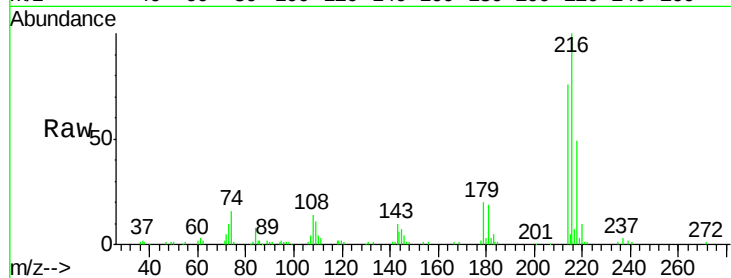
Ion Ratio Lower Upper

216 100

214 76.5 62.9 94.3

179 20.0 16.9 25.3

108 14.3 12.6 18.8

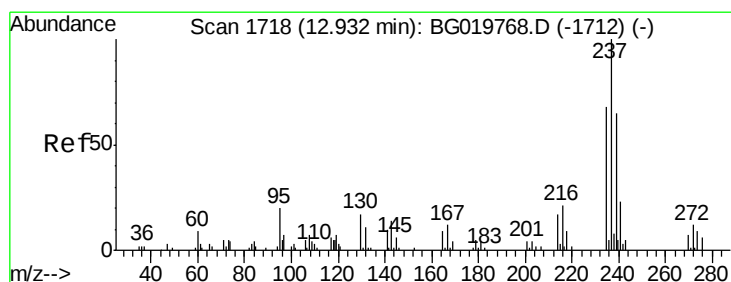
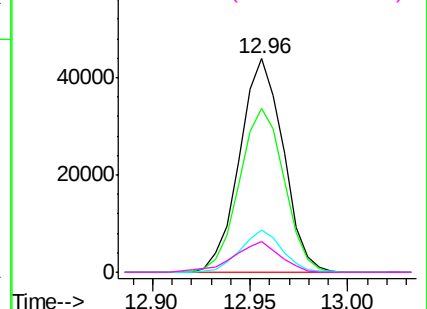
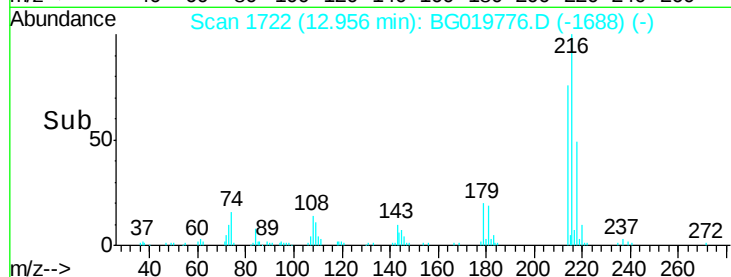


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#38

Hexachlorocyclopentadiene

Concen: 18.74 ng/ul

RT: 12.93 min Scan# 1718

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

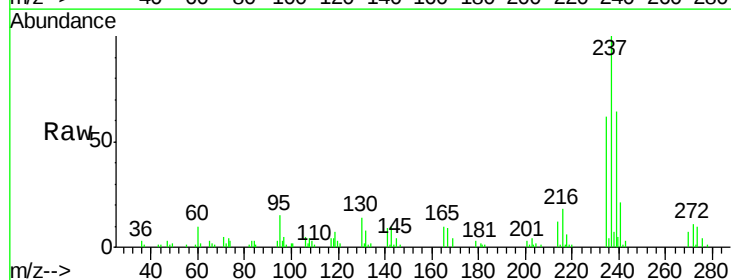
Tgt Ion:237 Resp: 34529

Ion Ratio Lower Upper

237 100

235 62.1 54.8 82.2

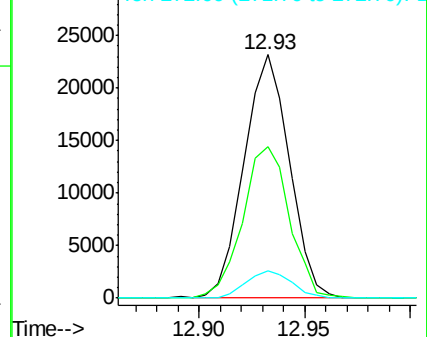
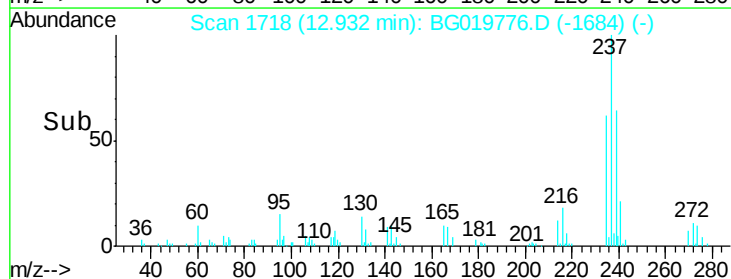
272 11.4 9.1 13.7

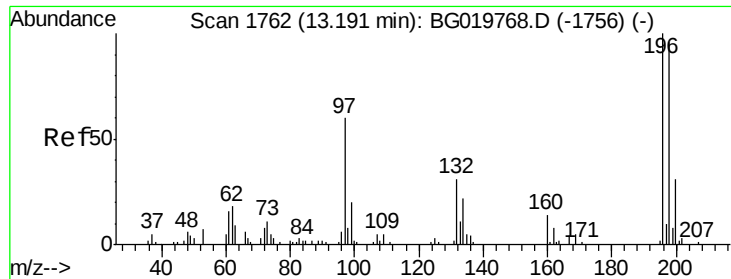


Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E

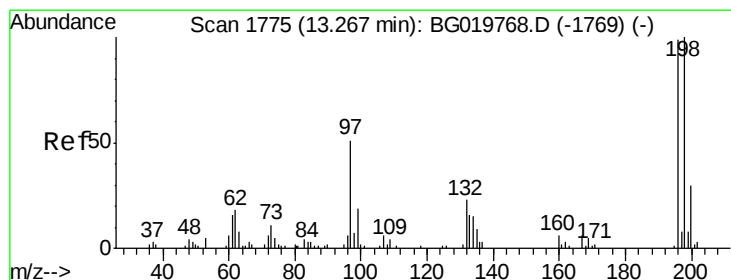
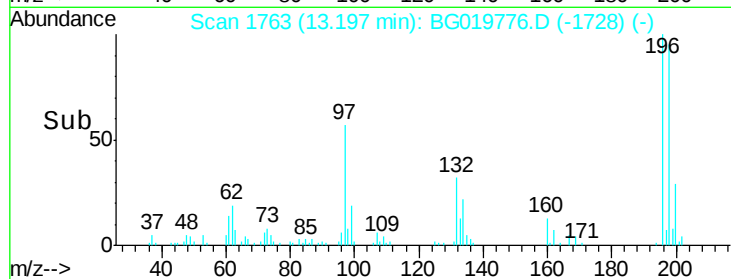
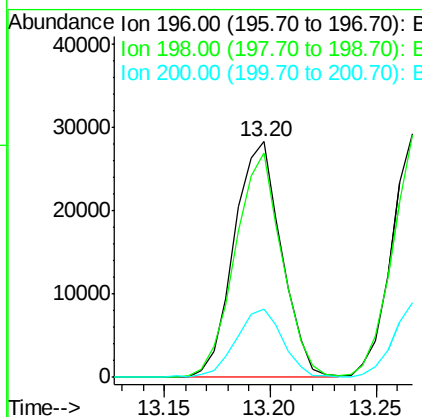
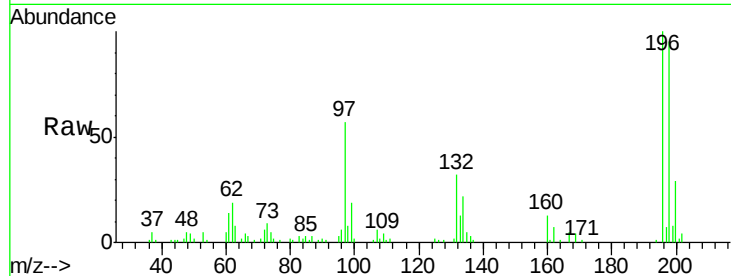




#39  
 2,4,6-Trichlorophenol  
 Concen: 22.78 ng/ul  
 RT: 13.20 min Scan# 1763  
 Delta R.T. 0.01 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

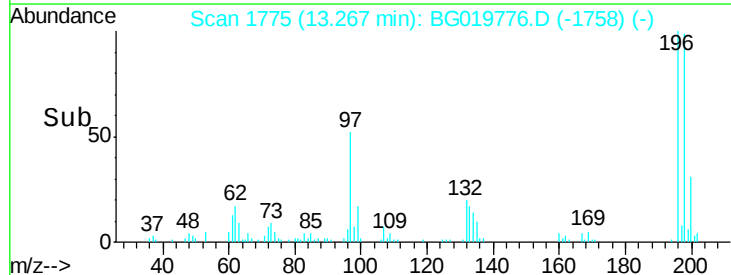
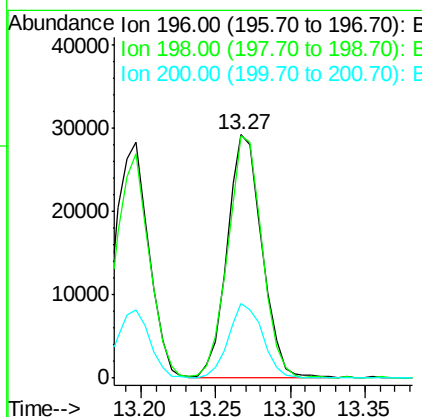
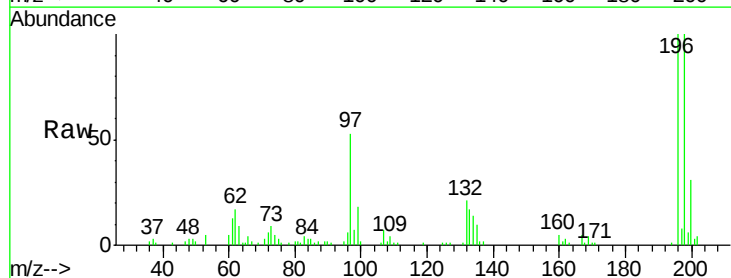
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

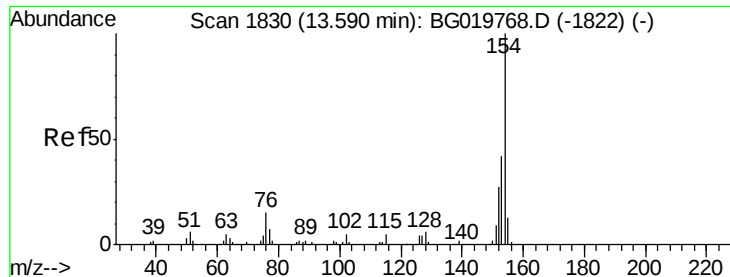
Tgt Ion:196 Resp: 43948  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 73.3 109.9  
 200 28.8 26.1 39.1



#40  
 2,4,5-Trichlorophenol  
 Concen: 23.67 ng/ul  
 RT: 13.27 min Scan# 1775  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Tgt Ion:196 Resp: 47790  
 Ion Ratio Lower Upper  
 196 100  
 198 99.6 79.0 118.4  
 200 30.7 24.2 36.2

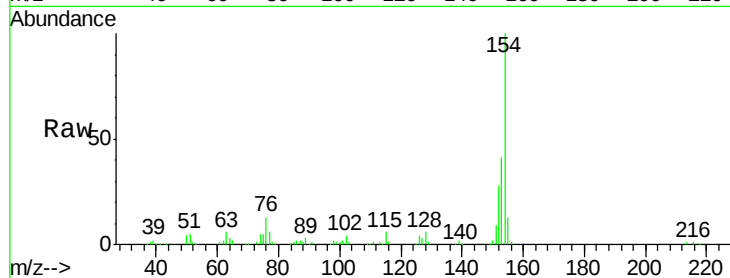




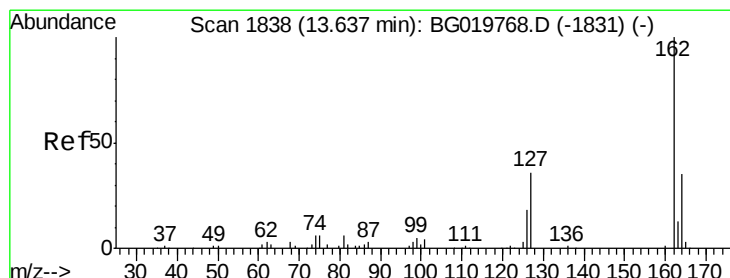
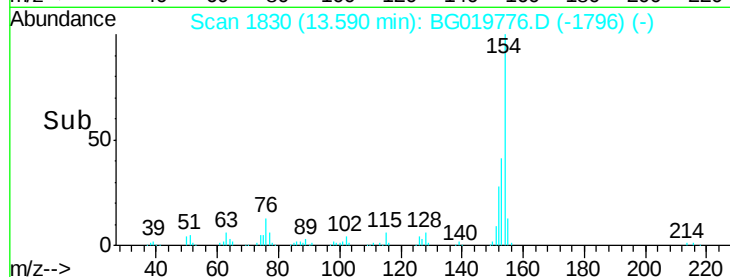
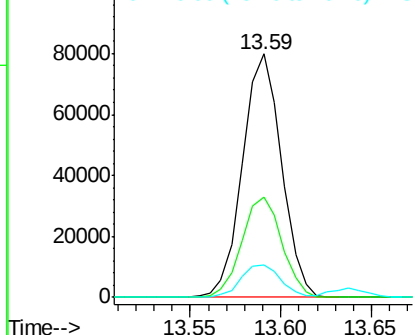
#41  
 1,1'-Biphenyl  
 Concen: 20.32 ng/ul  
 RT: 13.59 min Scan# 1830  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

Tgt Ion:154 Resp: 119232  
 Ion Ratio Lower Upper  
 154 100  
 153 41.0 33.4 50.0  
 76 13.2 12.1 18.1

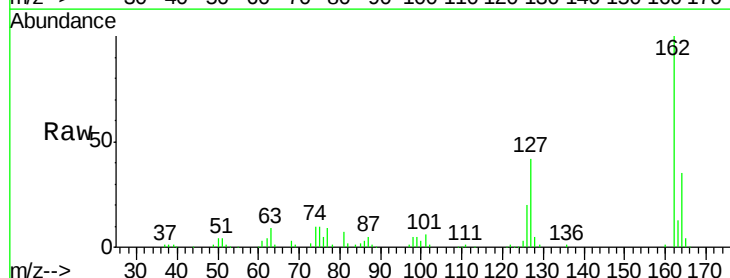


Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): B

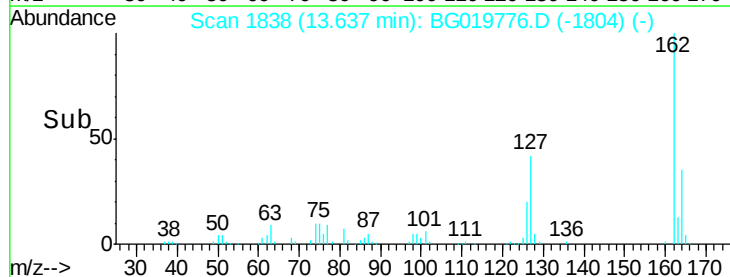
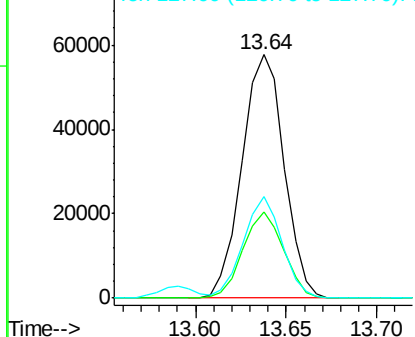


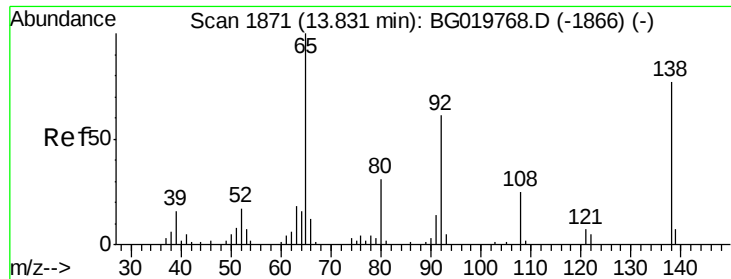
#42  
 2-Chloronaphthalene  
 Concen: 20.35 ng/ul  
 RT: 13.64 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Tgt Ion:162 Resp: 92823  
 Ion Ratio Lower Upper  
 162 100  
 164 35.4 28.3 42.5  
 127 41.6 32.4 48.6



Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 127.00 (126.70 to 127.70): E

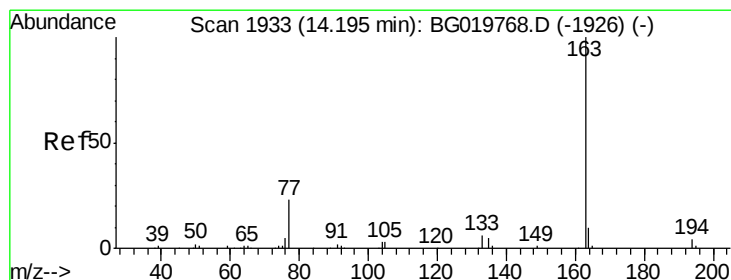
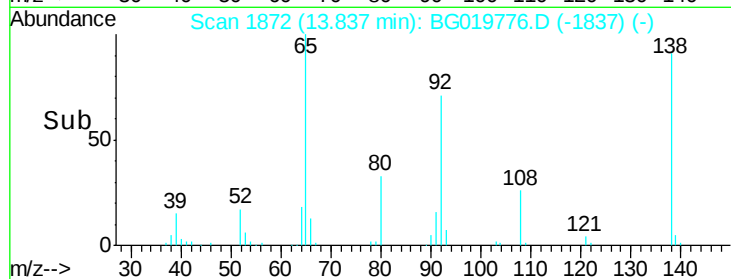
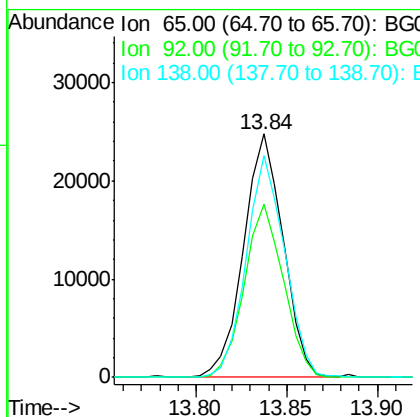
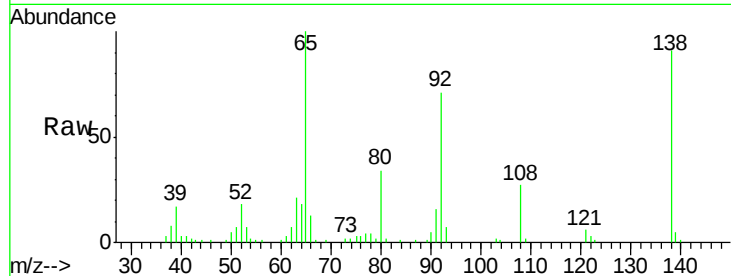




#43  
2-Nitroaniline  
Concen: 19.52 ng/ul  
RT: 13.84 min Scan# 1872  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

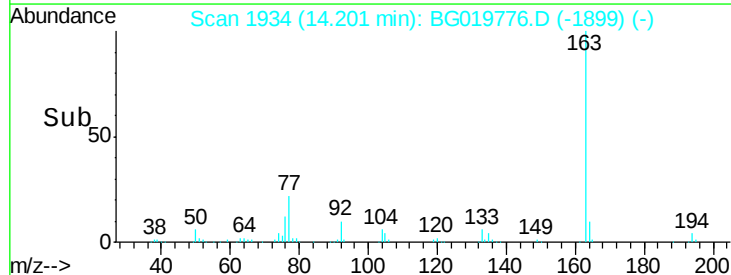
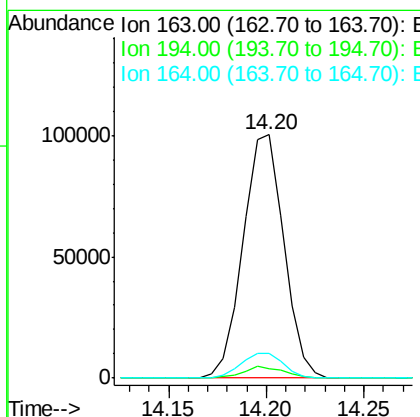
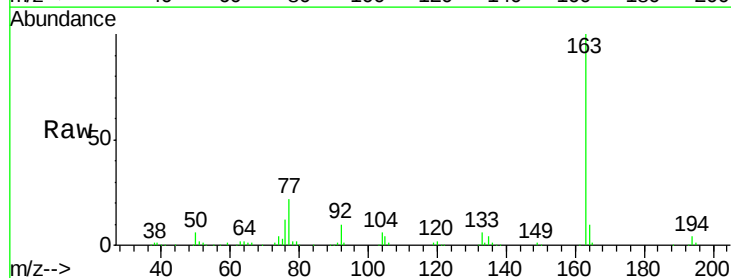
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

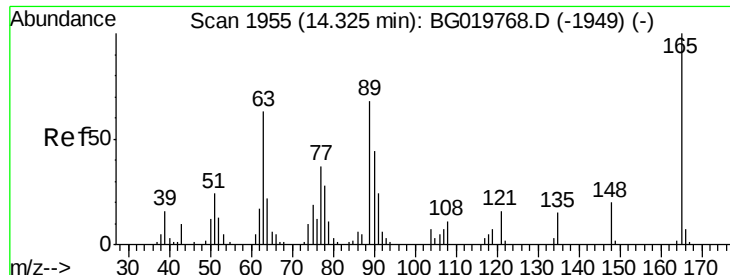
Tgt Ion: 65 Resp: 37625  
Ion Ratio Lower Upper  
65 100  
92 71.0 54.0 81.0  
138 91.1 58.7 88.1#



#45  
Dimethylphthalate  
Concen: 20.58 ng/ul  
RT: 14.20 min Scan# 1934  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion: 163 Resp: 145616  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.5 5.3  
164 10.3 8.3 12.5

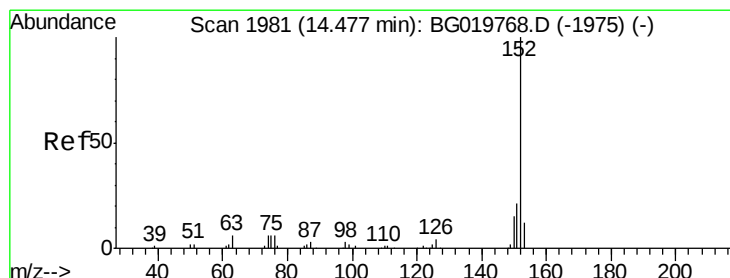
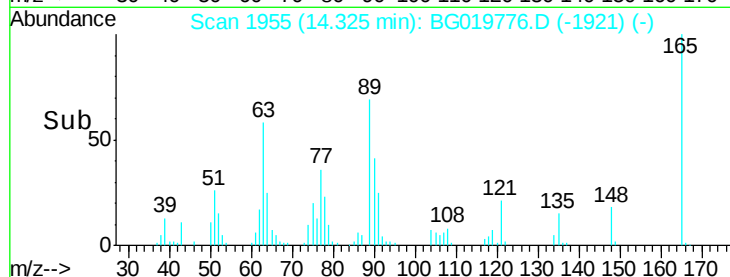
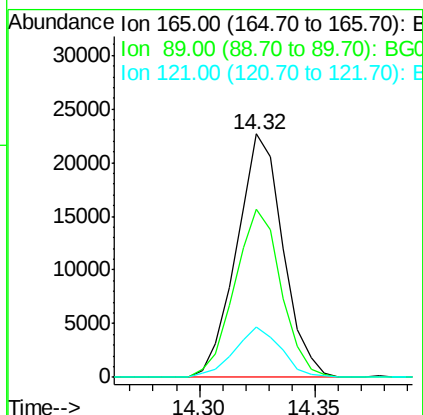
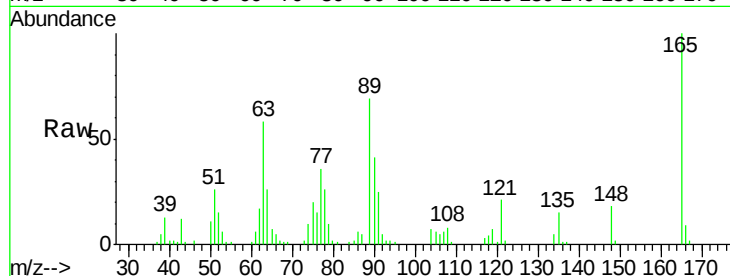




#46  
2,6-Dinitrotoluene  
Concen: 22.34 ng/ul  
RT: 14.32 min Scan# 1955  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

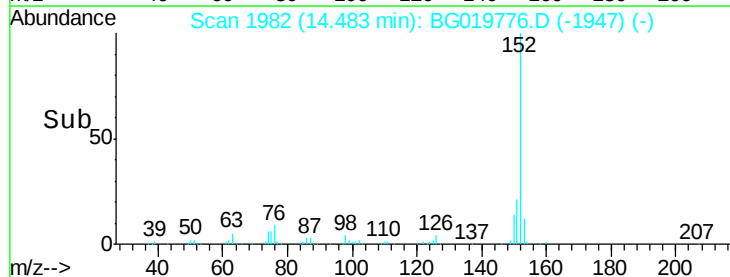
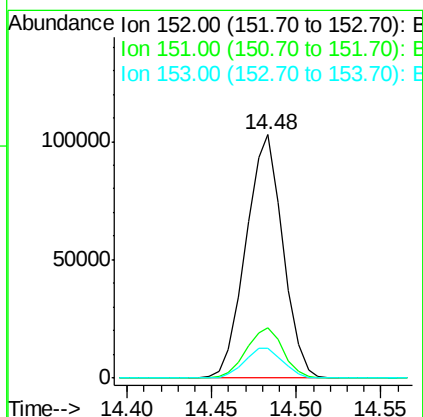
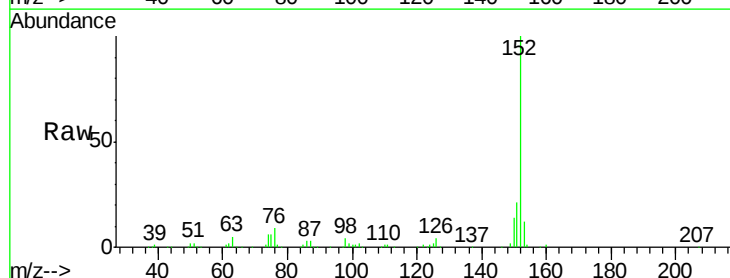
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

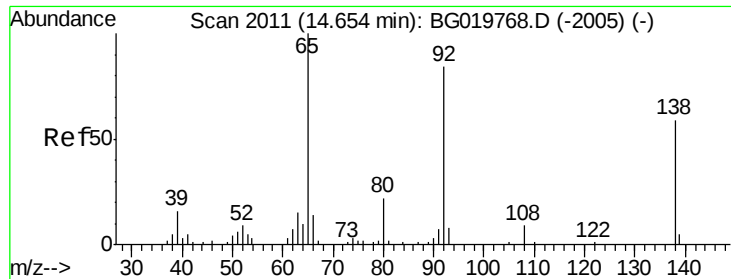
Tgt Ion:165 Resp: 31626  
Ion Ratio Lower Upper  
165 100  
89 68.9 61.1 91.7  
121 20.8 17.8 26.8



#48  
Acenaphthylene  
Concen: 20.19 ng/ul  
RT: 14.48 min Scan# 1982  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:152 Resp: 155828  
Ion Ratio Lower Upper  
152 100  
151 20.9 15.1 22.7  
153 12.1 9.8 14.8

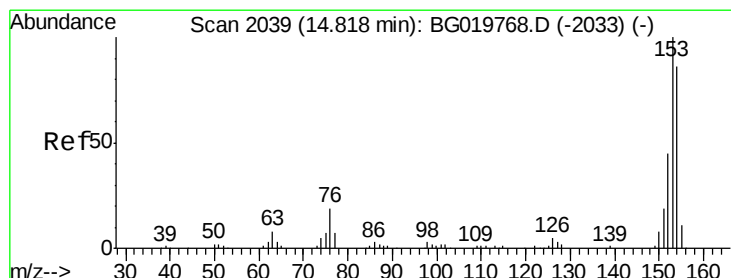
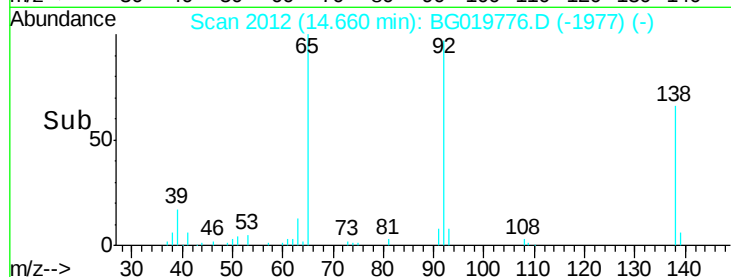
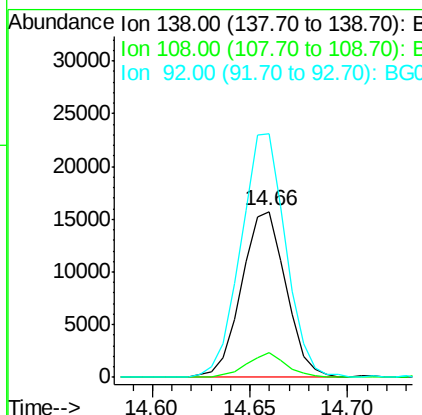
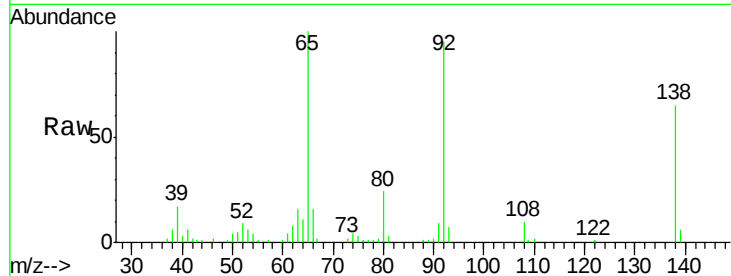




#49  
3-Nitroaniline  
Concen: 20.91 ng/ul  
RT: 14.66 min Scan# 2012  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

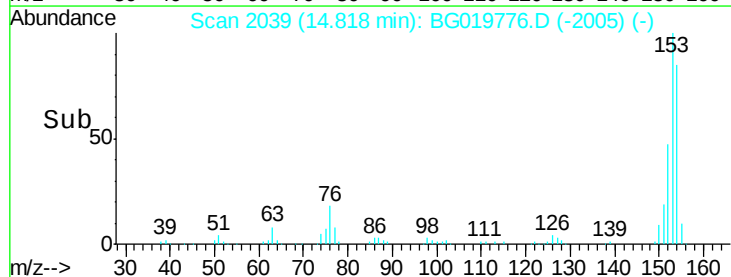
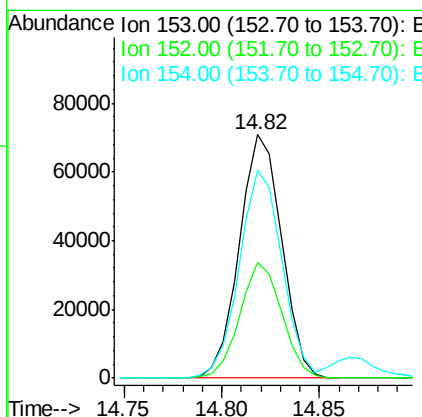
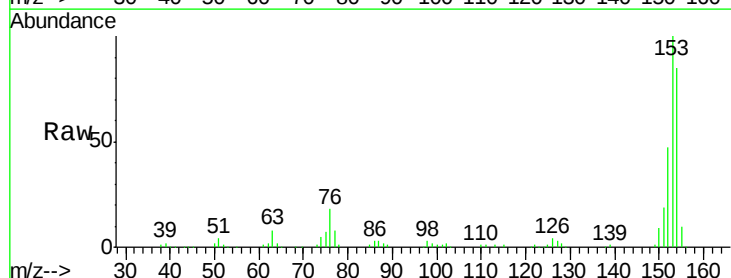
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

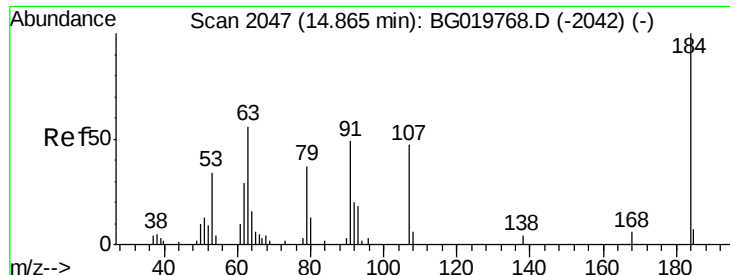
Tgt Ion:138 Resp: 24660  
Ion Ratio Lower Upper  
138 100  
108 15.0 11.4 17.0  
92 146.9 120.2 180.2



#50  
Acenaphthene  
Concen: 20.11 ng/ul  
RT: 14.82 min Scan# 2039  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:153 Resp: 106296  
Ion Ratio Lower Upper  
153 100  
152 47.4 40.9 61.3  
154 85.4 69.1 103.7

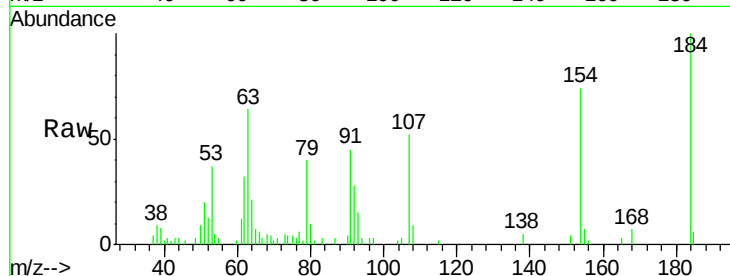




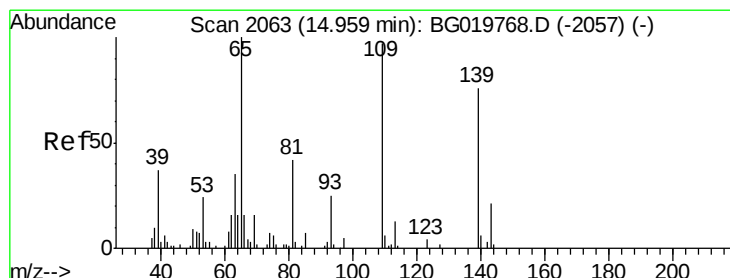
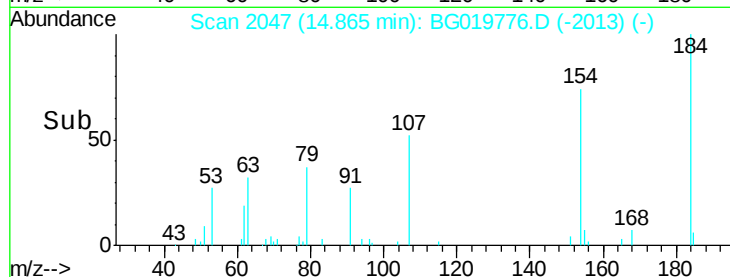
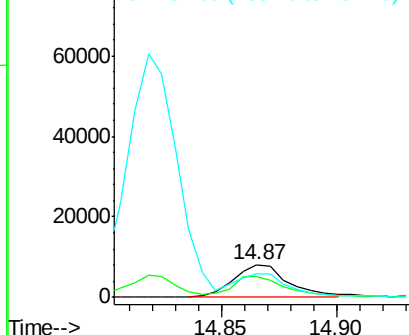
#51  
2,4-Dinitrophenol  
Concen: 14.25 ng/ul  
RT: 14.87 min Scan# 2047  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion:184 Resp: 13251  
Ion Ratio Lower Upper  
184 100  
63 64.4 55.2 82.8  
154 73.6 59.8 89.6

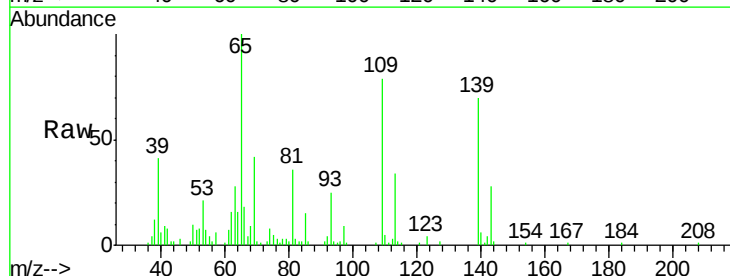


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): BG  
Ion 154.00 (153.70 to 154.70): E

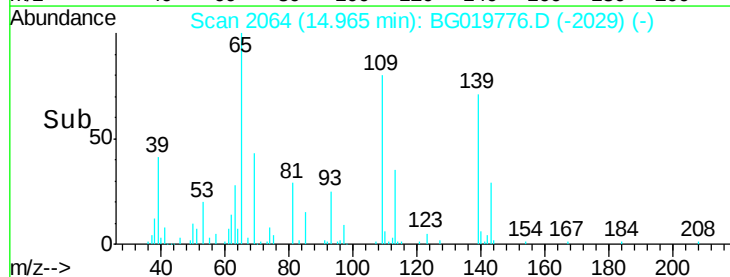
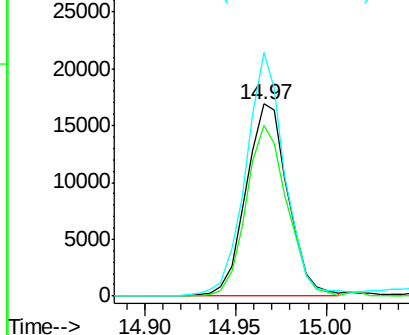


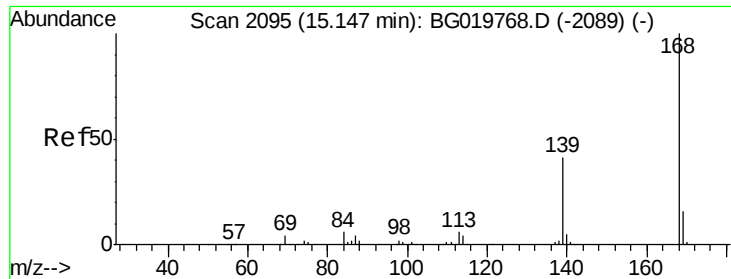
#53  
4-Nitrophenol  
Concen: 19.81 ng/ul  
RT: 14.97 min Scan# 2064  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:109 Resp: 27146  
Ion Ratio Lower Upper  
109 100  
139 88.8 67.8 101.6  
65 126.9 94.5 141.7



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: 20.59 ng/ul

RT: 15.15 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

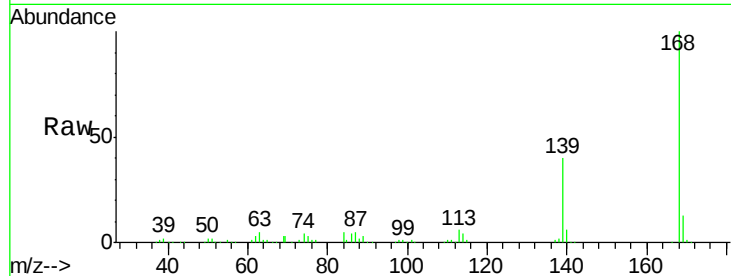
SSTD02009

Tgt Ion:168 Resp: 159544

Ion Ratio Lower Upper

168 100

139 40.0 34.7 52.1



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

120000

100000

80000

60000

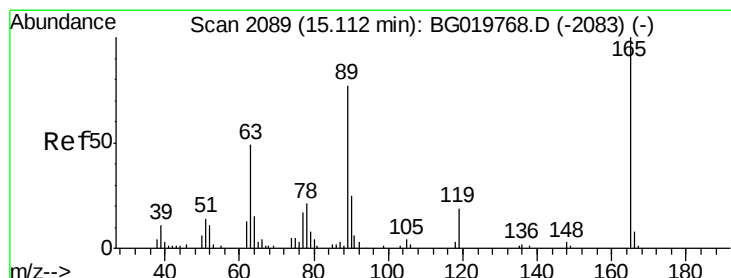
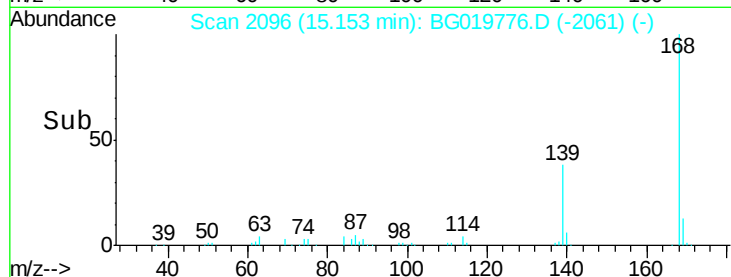
40000

20000

0

Time-->

15.10 15.15 15.20



#55

2,4-Dinitrotoluene

Concen: 21.19 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

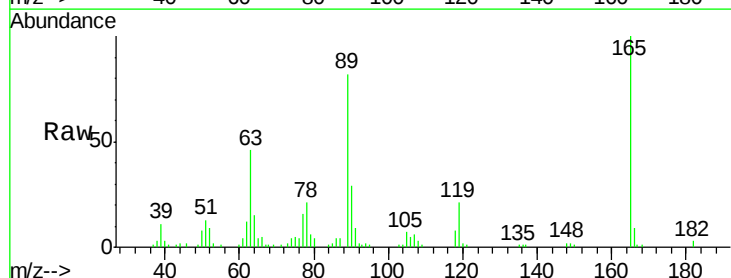
Tgt Ion:165 Resp: 46653

Ion Ratio Lower Upper

165 100

63 45.7 44.2 66.2

182 2.6 2.6 3.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 182.00 (181.70 to 182.70): E

40000

30000

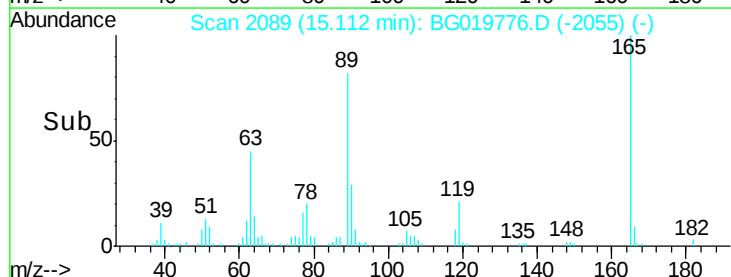
20000

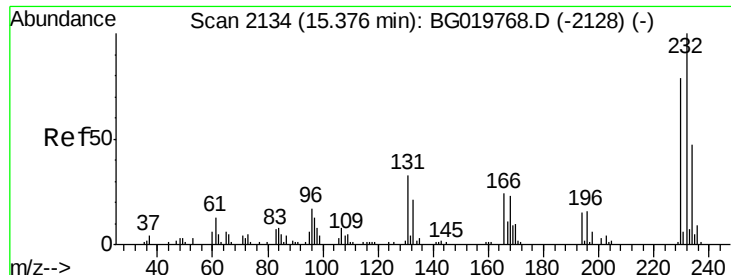
10000

0

Time-->

15.05 15.10 15.15

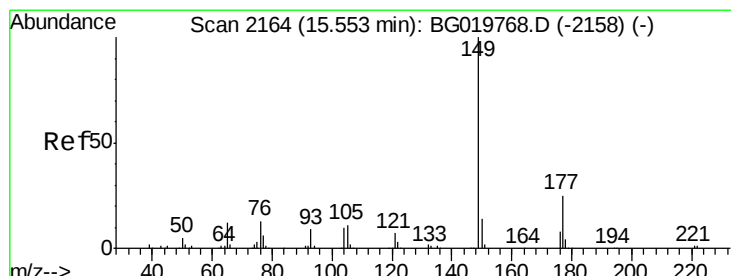
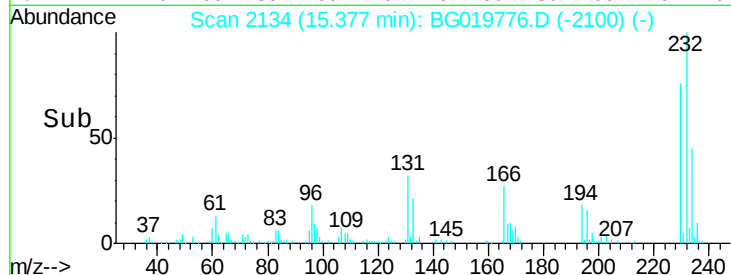
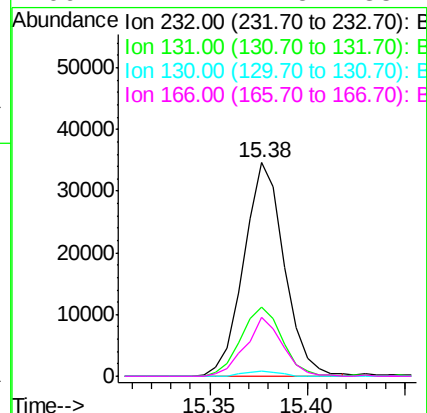
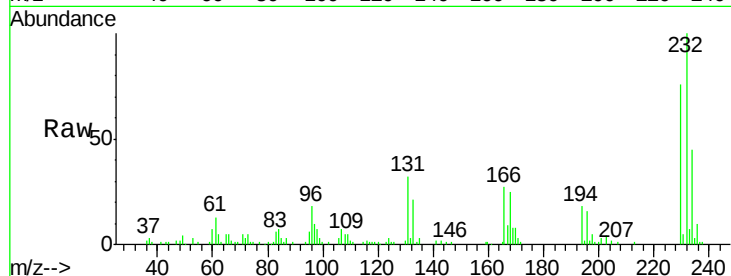




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 23.21 ng/ul  
 RT: 15.38 min Scan# 2134  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

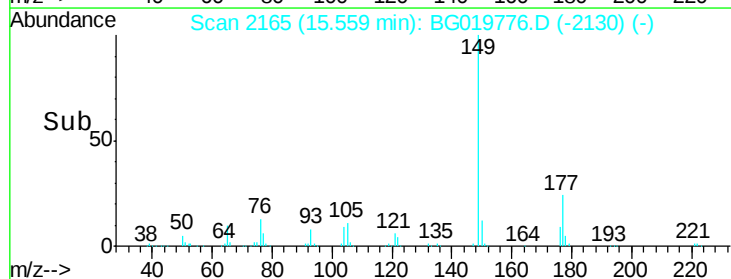
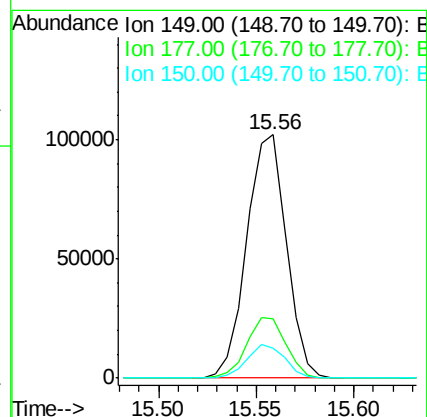
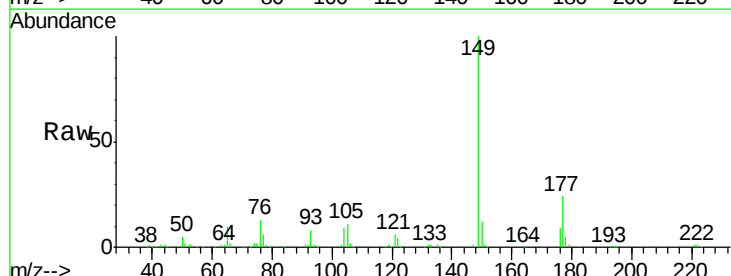
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

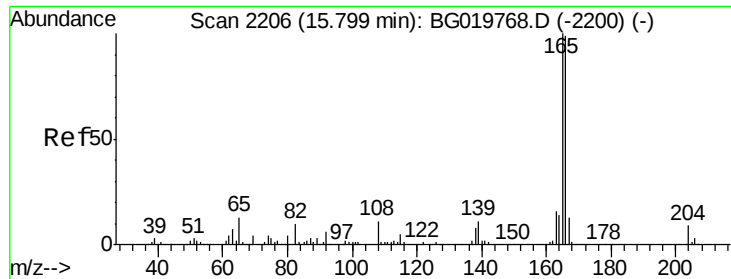
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 49675 |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 32.3  | 27.5  | 41.3  |
| 130      | 2.2   | 2.0   | 3.0   |
| 166      | 27.4  | 22.5  | 33.7  |



#57  
 Diethylphthalate  
 Concen: 20.30 ng/ul  
 RT: 15.56 min Scan# 2165  
 Delta R.T. 0.01 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 143529 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.5  | 19.6  | 29.4   |
| 150      | 12.1  | 10.9  | 16.3   |





#59

Fluorene

Concen: 20.29 ng/ul

RT: 15.80 min Scan# 2206

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

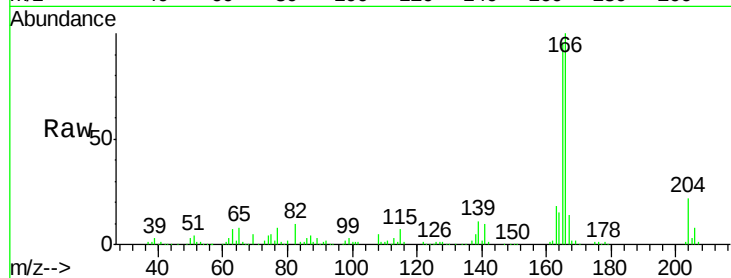
Tgt Ion:166 Resp: 137442

Ion Ratio Lower Upper

166 100

165 96.0 81.4 122.2

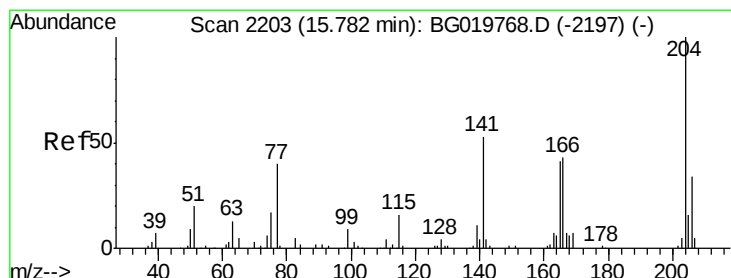
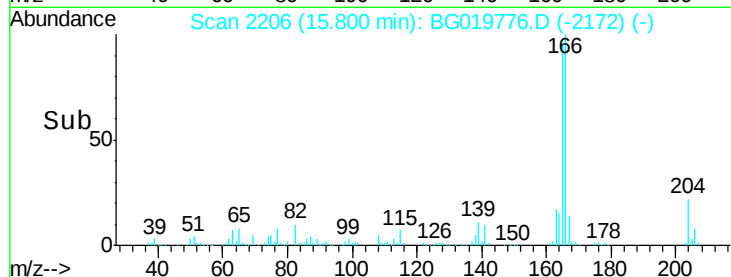
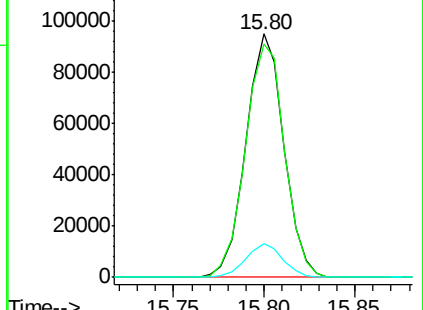
167 13.8 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 20.71 ng/ul

RT: 15.79 min Scan# 2204

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

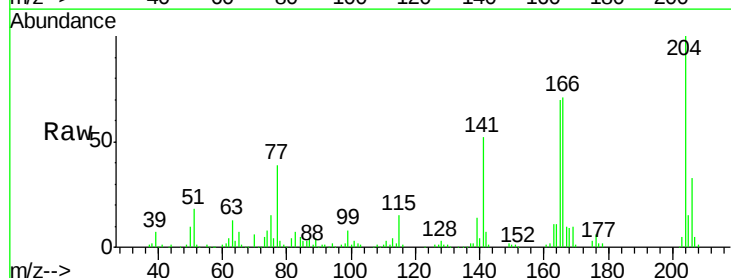
Tgt Ion:204 Resp: 81599

Ion Ratio Lower Upper

204 100

206 33.0 27.2 40.8

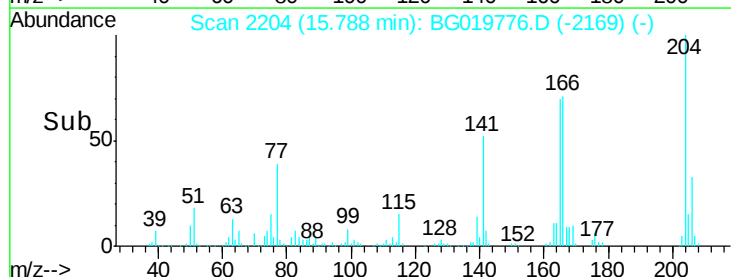
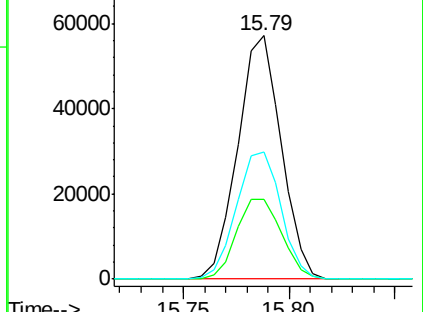
141 52.1 45.4 68.2

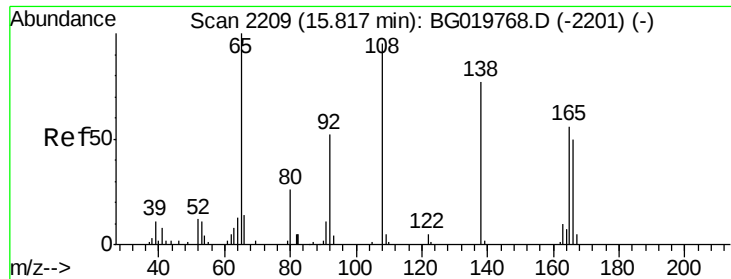


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

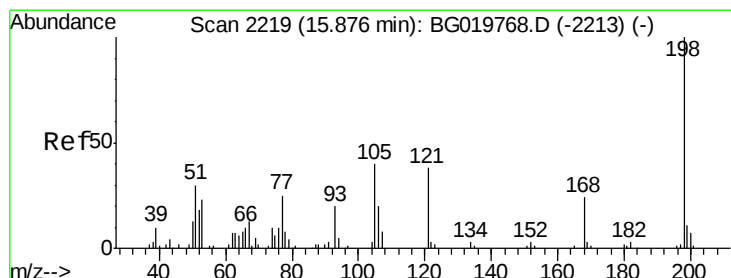
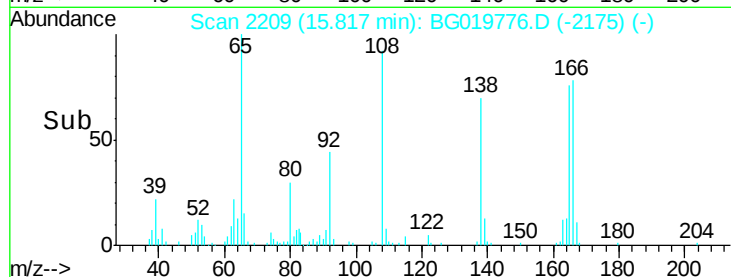
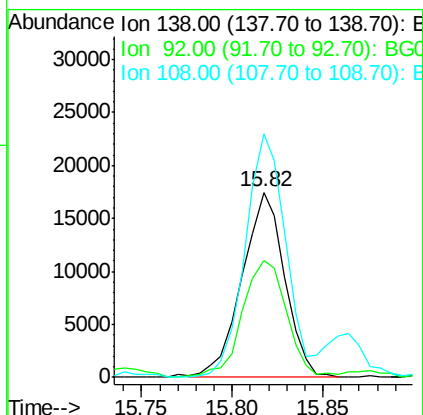
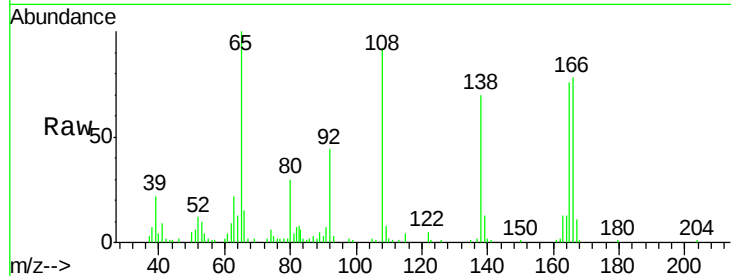




#61  
4-Nitroaniline  
Concen: 20.11 ng/ul  
RT: 15.82 min Scan# 2209  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

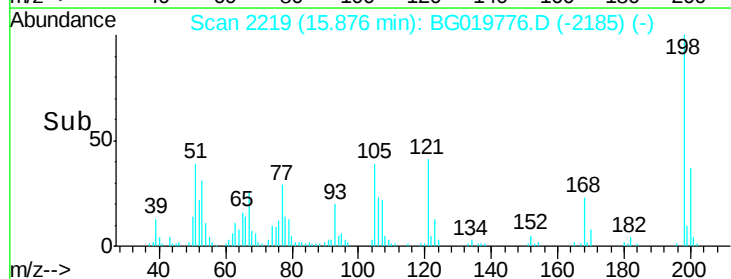
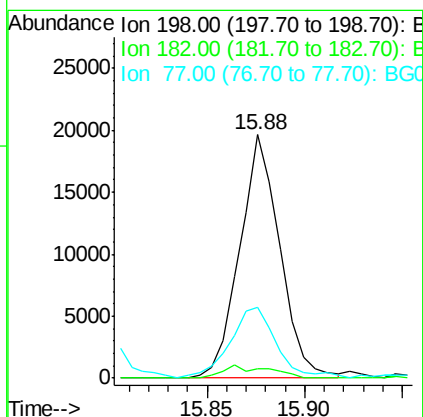
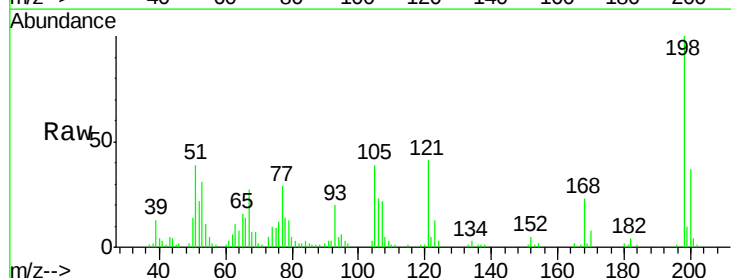
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

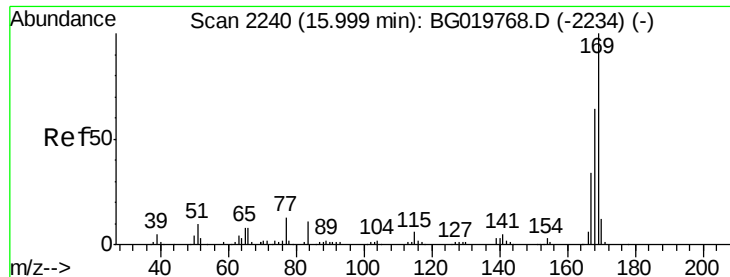
Tgt Ion:138 Resp: 28555  
Ion Ratio Lower Upper  
138 100  
92 63.3 49.6 74.4  
108 131.7 104.9 157.3



#64  
4,6-Dinitro-2-methylphenol  
Concen: 17.91 ng/ul  
RT: 15.88 min Scan# 2219  
Delta R.T. 0.00 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:198 Resp: 27944  
Ion Ratio Lower Upper  
198 100  
182 4.0 3.4 5.2  
77 29.2 20.6 31.0





#65

N-Nitrosodiphenylamine

Concen: 19.84 ng/ul

RT: 16.00 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

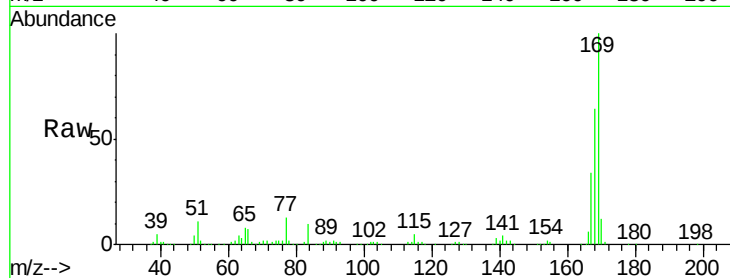
Tgt Ion:169 Resp: 121548

Ion Ratio Lower Upper

169 100

168 64.4 53.7 80.5

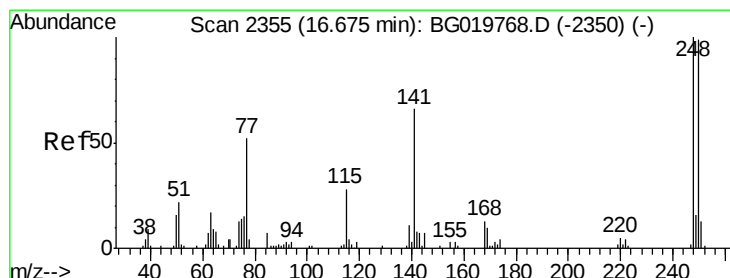
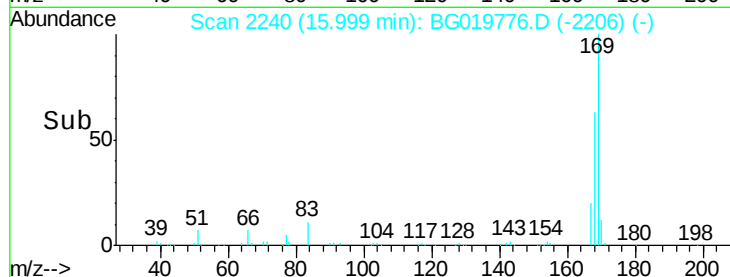
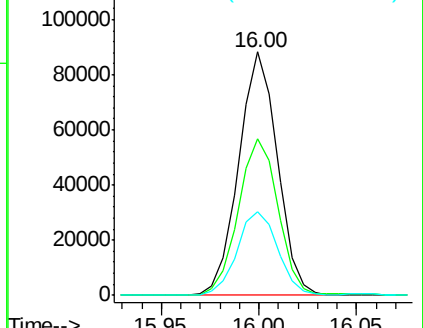
167 34.1 30.3 45.5



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 21.49 ng/ul

RT: 16.68 min Scan# 2356

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

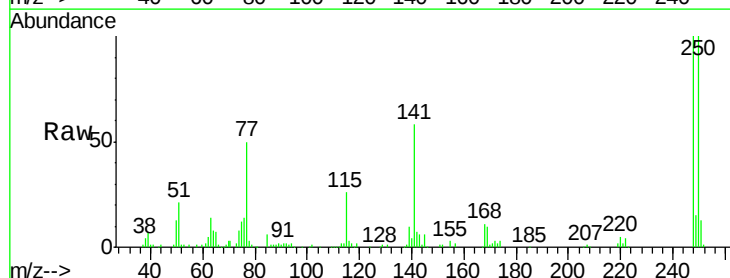
Tgt Ion:248 Resp: 58772

Ion Ratio Lower Upper

248 100

250 100.4 77.4 116.0

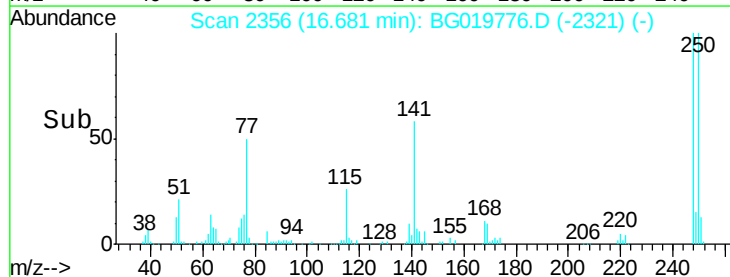
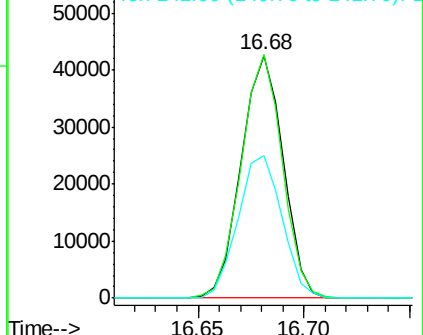
141 58.7 52.6 79.0

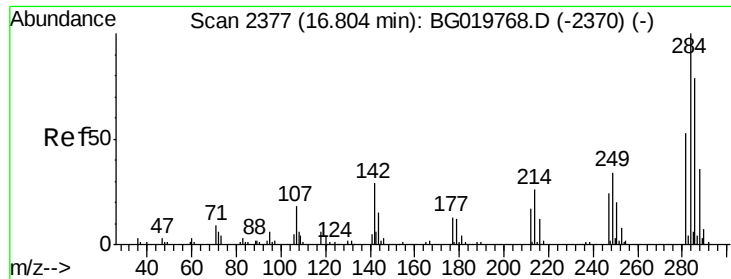


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.96 ng/ul

RT: 16.80 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampled :

SSTD02009

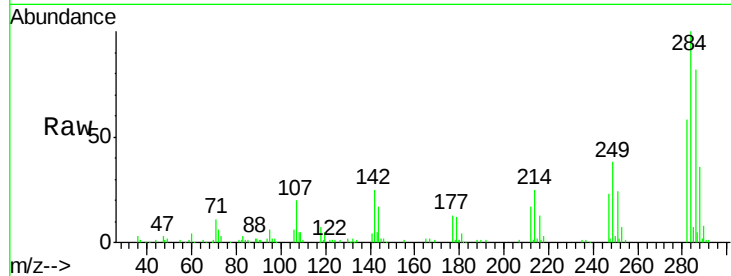
Tgt Ion:284 Resp: 60432

Ion Ratio Lower Upper

284 100

142 25.2 23.6 35.4

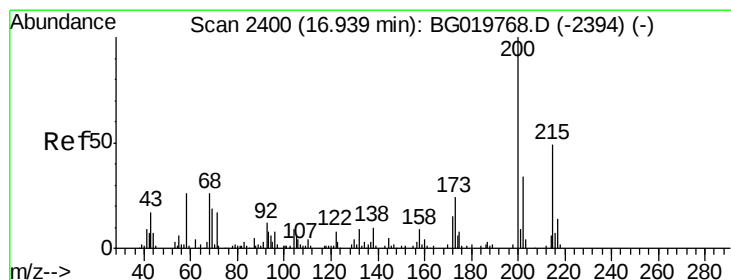
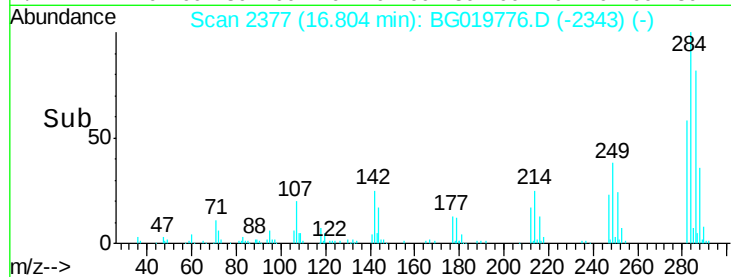
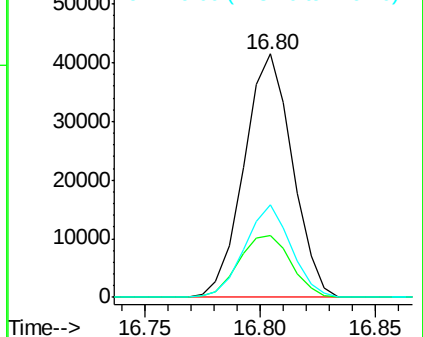
249 37.9 27.8 41.6



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 20.92 ng/ul

RT: 16.94 min Scan# 2400

Delta R.T. 0.00 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

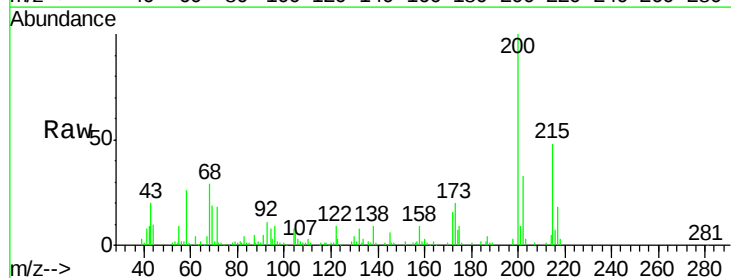
Tgt Ion:200 Resp: 59792

Ion Ratio Lower Upper

200 100

173 20.4 15.4 23.0

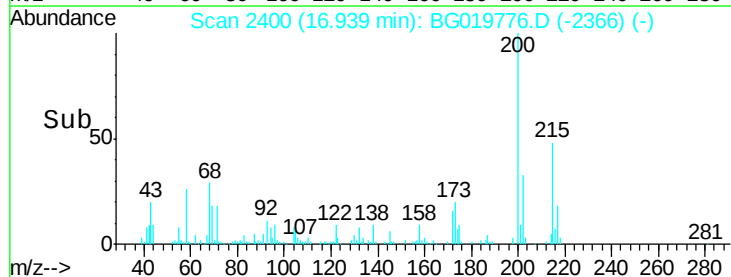
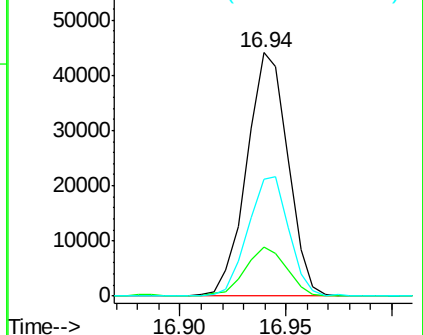
215 47.9 38.8 58.2

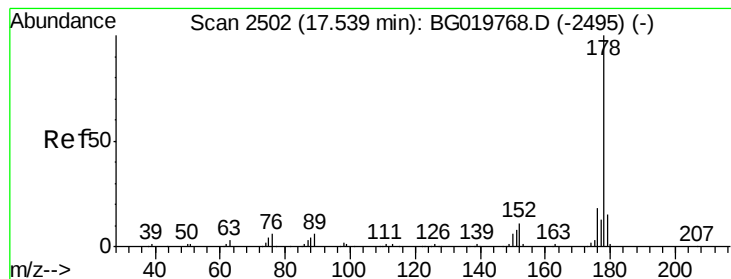


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#70

Phenanthrene

Concen: 19.85 ng/ul

RT: 17.54 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

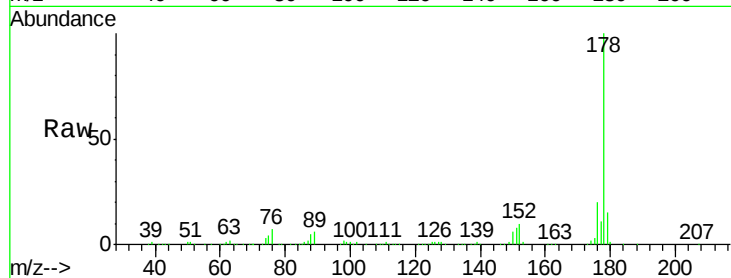
Tgt Ion:178 Resp: 241579

Ion Ratio Lower Upper

178 100

179 14.6 12.2 18.2

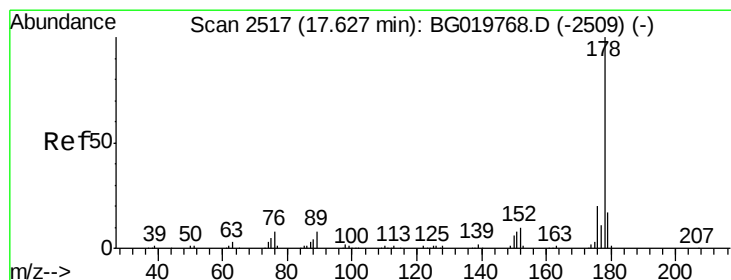
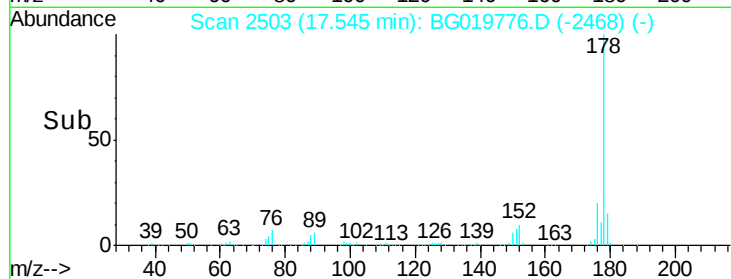
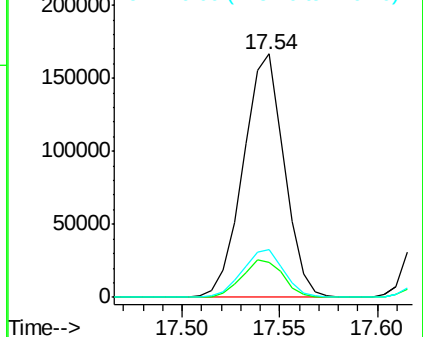
176 19.6 16.6 24.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 19.91 ng/ul

RT: 17.63 min Scan# 2518

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

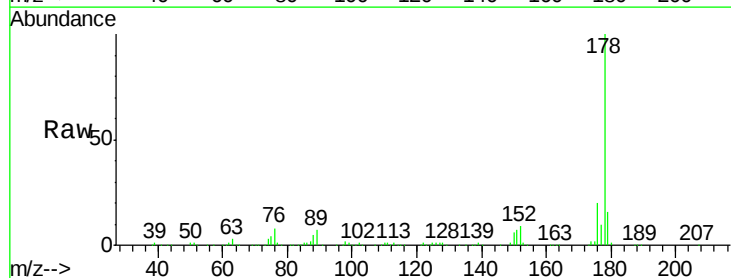
Tgt Ion:178 Resp: 244375

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

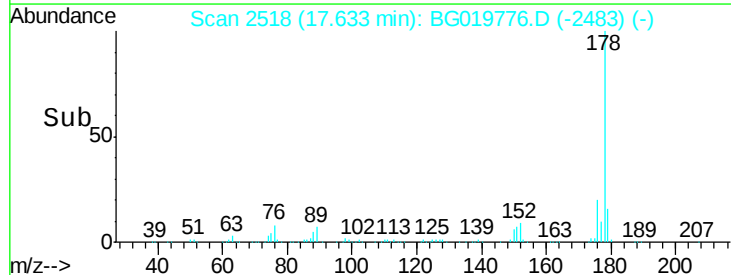
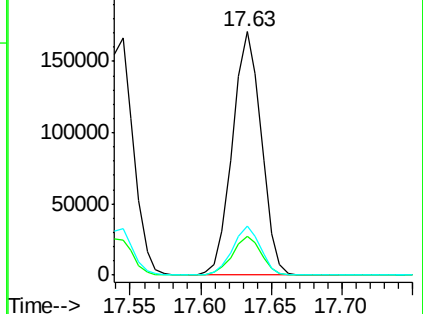
176 20.1 15.0 22.4

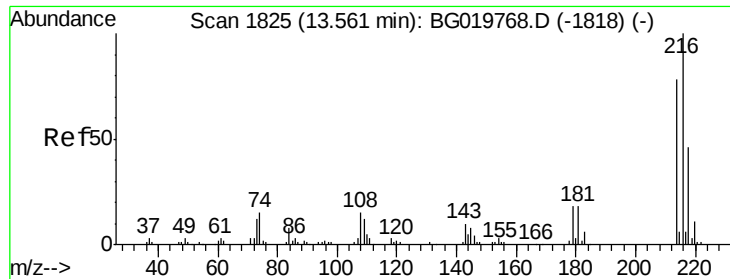


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

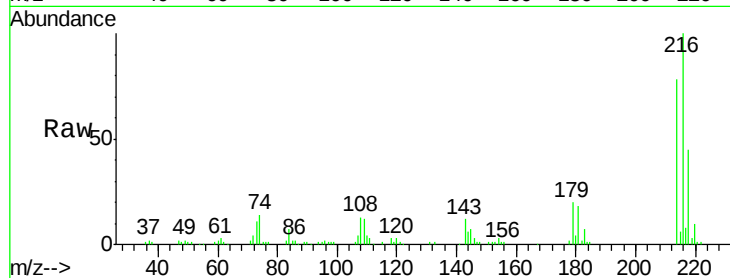




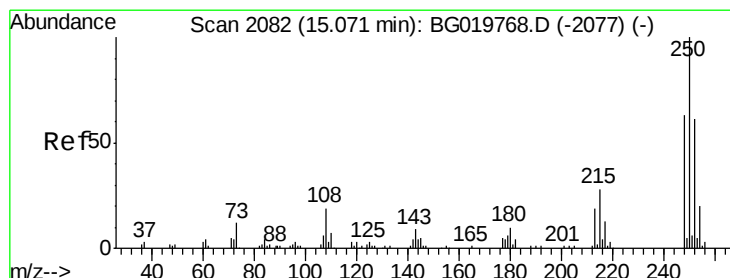
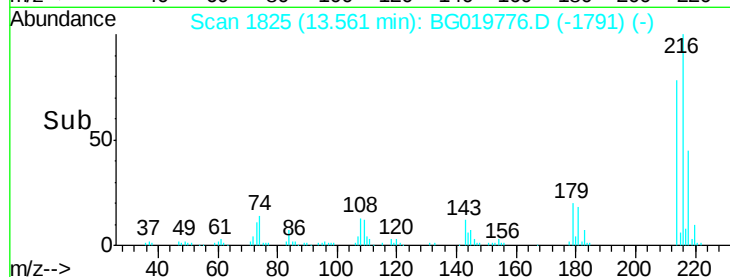
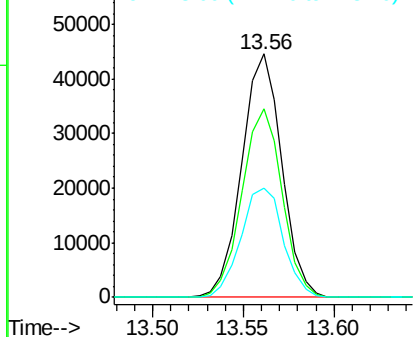
#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 21.85 ng/uL  
 RT: 13.56 min Scan# 1825  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 216     | 100   |       |       |
| 214     | 77.5  | 64.4  | 96.6  |
| 218     | 44.8  | 39.3  | 58.9  |

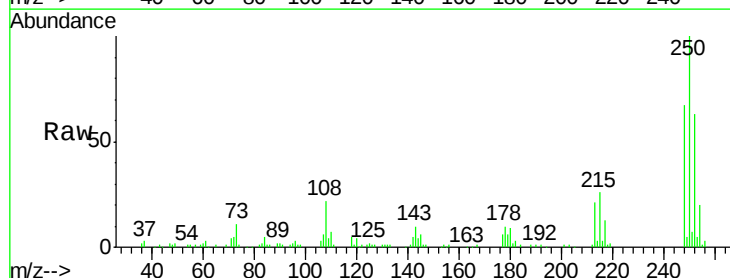


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 218.00 (217.70 to 218.70): E

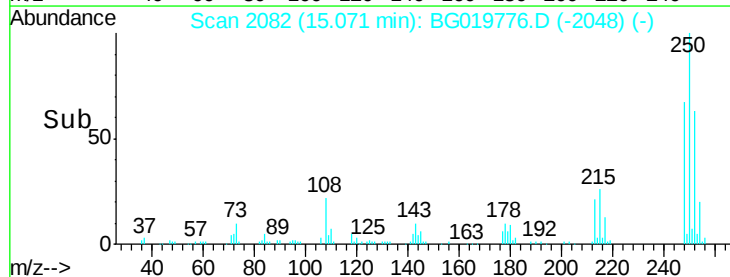
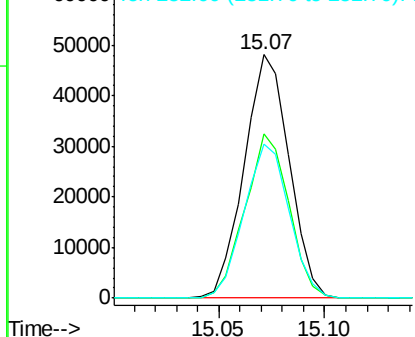


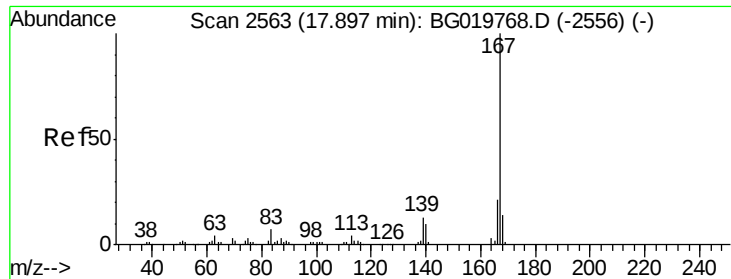
#74  
 Pentachlorobenzene  
 Concen: 21.81 ng/uL  
 RT: 15.07 min Scan# 2082  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 250     | 100   |       |       |
| 248     | 67.3  | 50.4  | 75.6  |
| 252     | 63.0  | 47.2  | 70.8  |



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

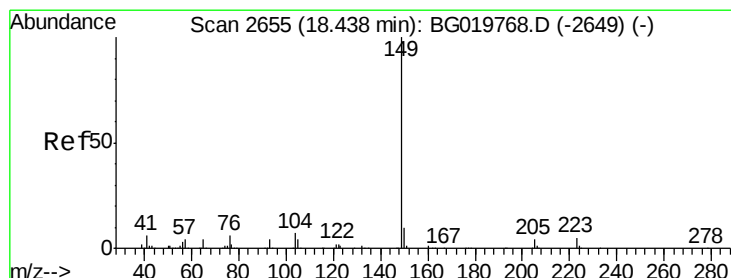
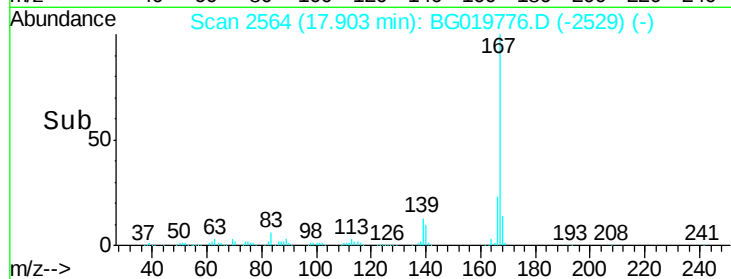
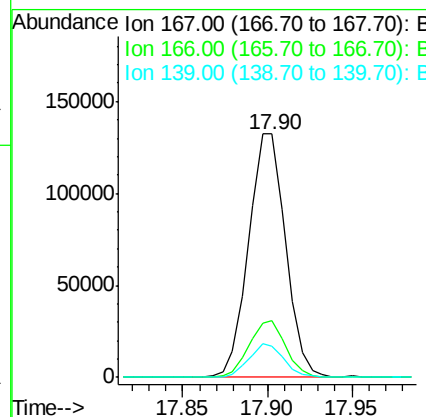
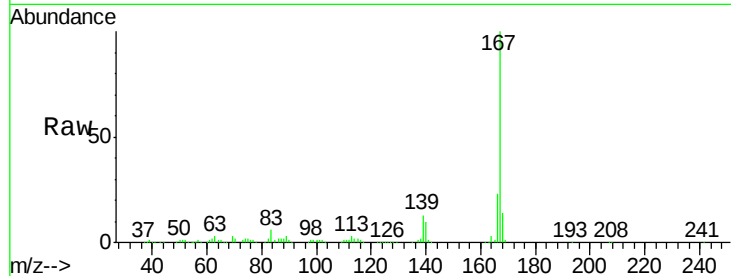




#75  
 Carbazole  
 Concen: 20.49 ng/ul  
 RT: 17.90 min Scan# 2564  
 Delta R.T. 0.01 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

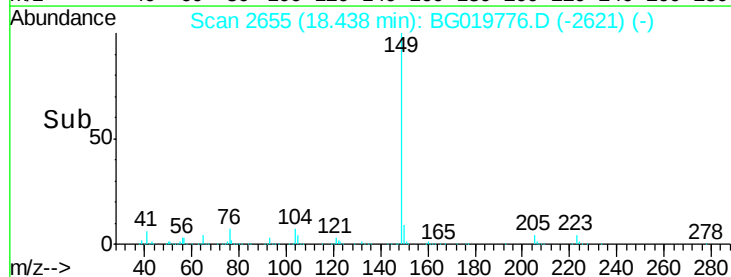
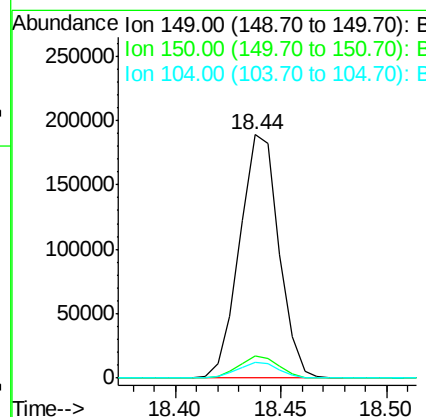
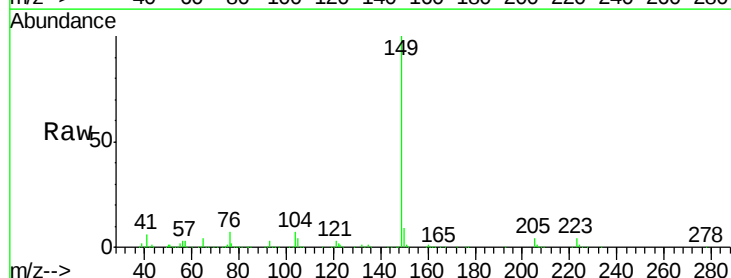
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

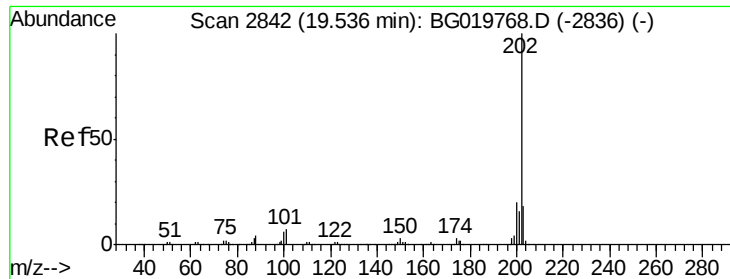
Tgt Ion:167 Resp: 201926  
 Ion Ratio Lower Upper  
 167 100  
 166 23.4 18.1 27.1  
 139 12.8 9.8 14.6



#76  
 Di-n-butylphthalate  
 Concen: 19.00 ng/ul  
 RT: 18.44 min Scan# 2655  
 Delta R.T. 0.00 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Tgt Ion:149 Resp: 242811  
 Ion Ratio Lower Upper  
 149 100  
 150 9.3 7.4 11.2  
 104 6.6 5.5 8.3

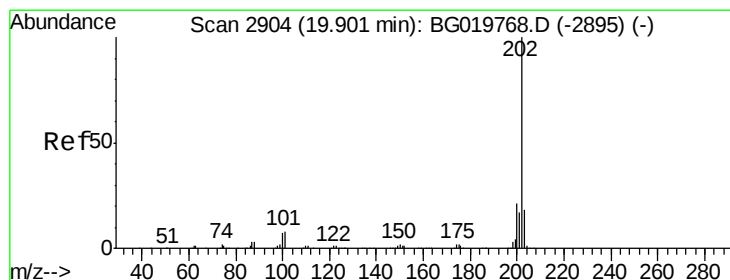
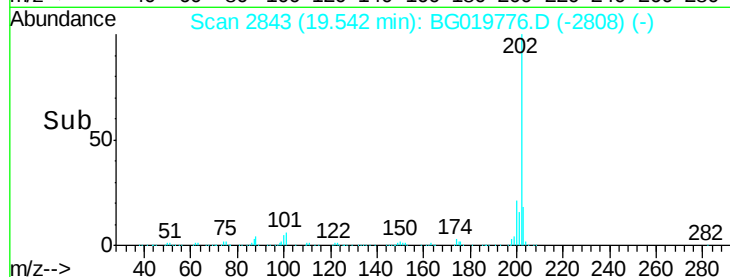
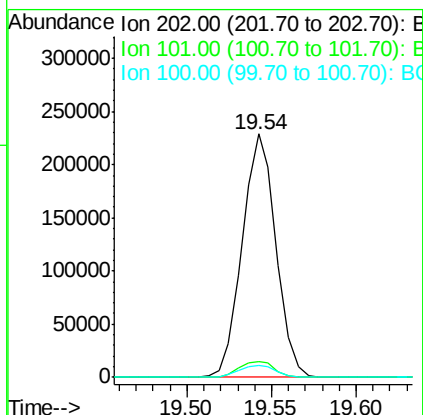
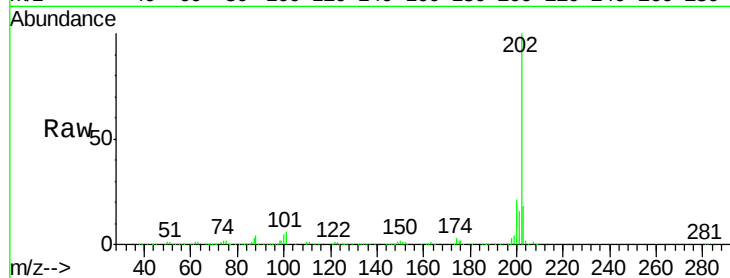




#77  
Fluoranthene  
Concen: 20.41 ng/ul  
RT: 19.54 min Scan# 2843  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

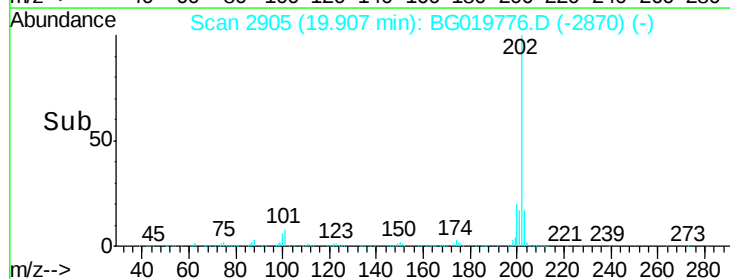
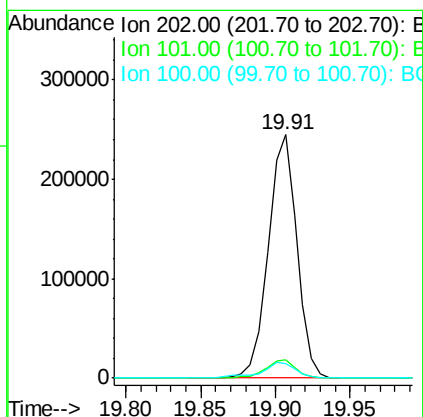
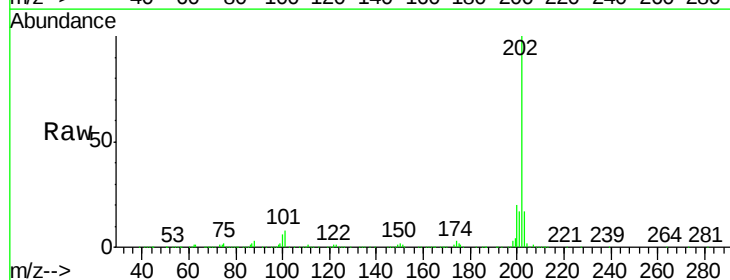
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

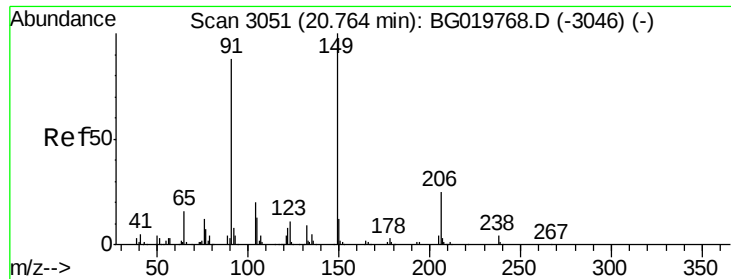
Tgt Ion:202 Resp: 316549  
Ion Ratio Lower Upper  
202 100  
101 6.5 5.2 7.8  
100 4.9 5.0 7.4#



#80  
Pyrene  
Concen: 20.03 ng/ul  
RT: 19.91 min Scan# 2905  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:202 Resp: 324586  
Ion Ratio Lower Upper  
202 100  
101 7.6 7.0 10.6  
100 6.1 6.6 10.0#

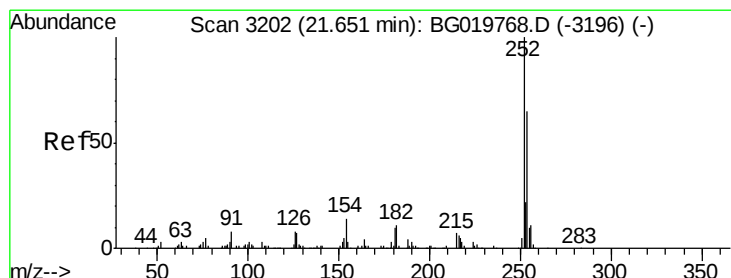
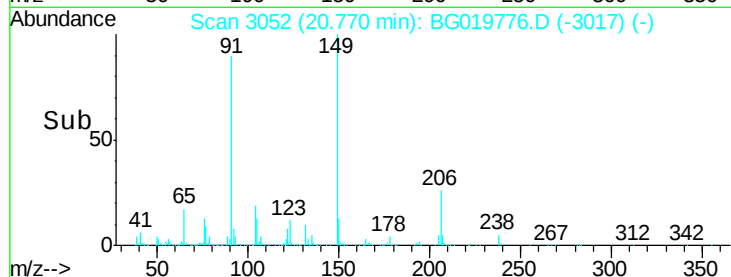
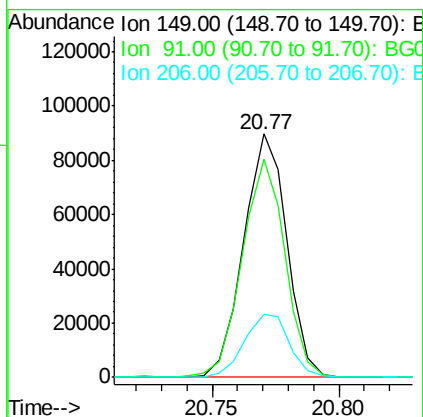
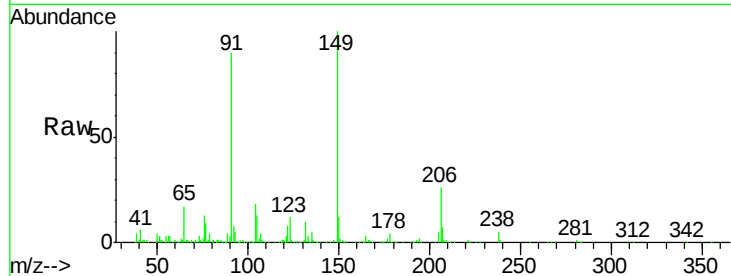




#81  
Butylbenzylphthalate  
Concen: 19.91 ng/ul  
RT: 20.77 min Scan# 3052  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

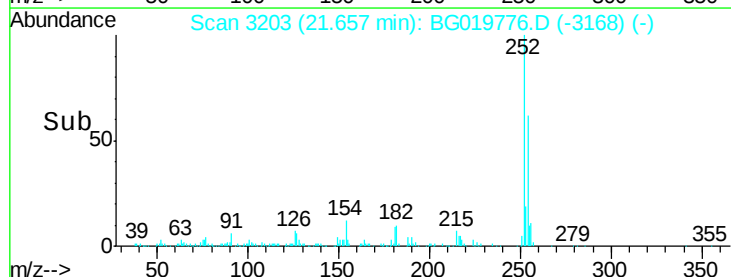
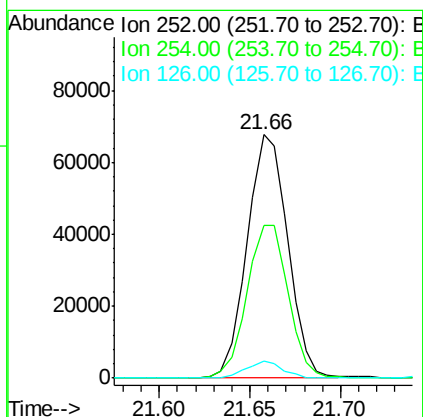
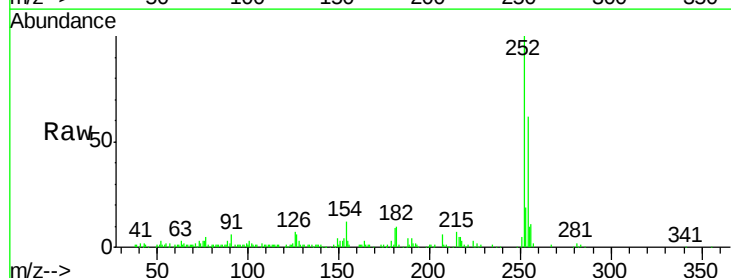
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

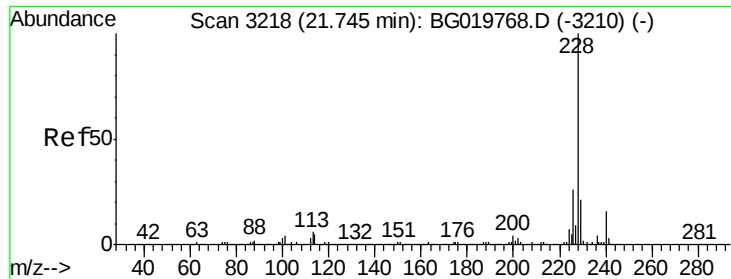
Tgt Ion:149 Resp: 106144  
Ion Ratio Lower Upper  
149 100  
91 89.7 71.1 106.7  
206 26.1 20.4 30.6



#82  
3,3'-Dichlorobenzidine  
Concen: 20.79 ng/ul  
RT: 21.66 min Scan# 3203  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:252 Resp: 105491  
Ion Ratio Lower Upper  
252 100  
254 62.5 53.1 79.7  
126 7.0 5.0 7.4

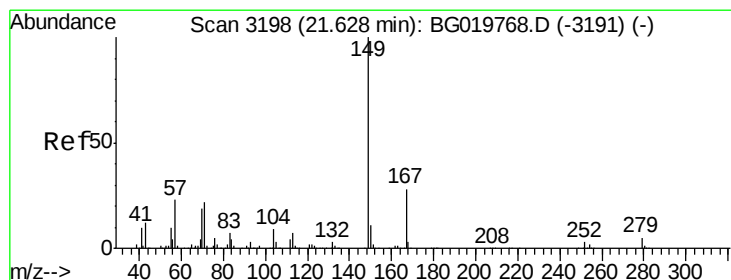
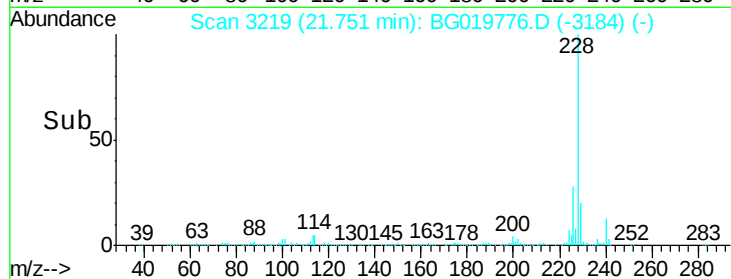
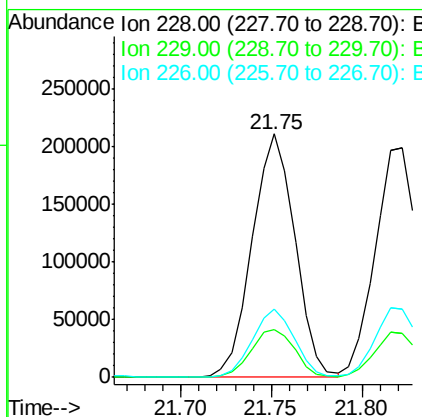
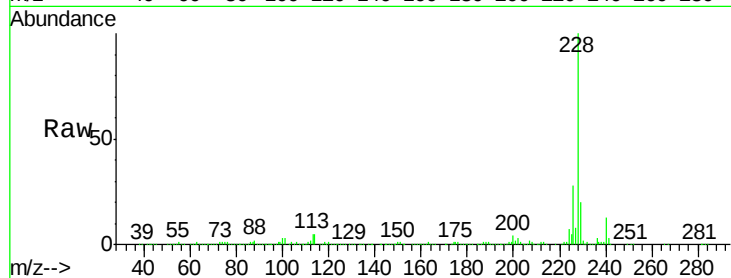




#83  
Benzo(a)anthracene  
Concen: 20.56 ng/ul  
RT: 21.75 min Scan# 3219  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

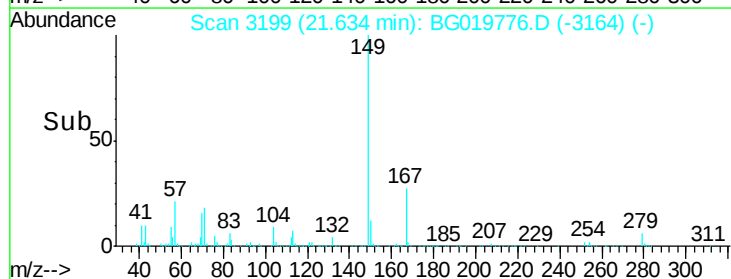
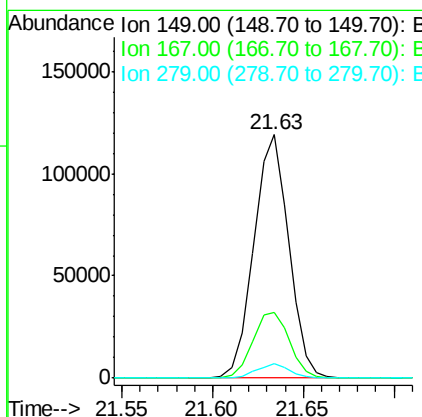
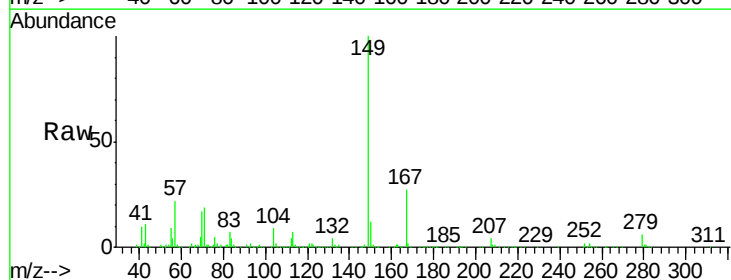
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

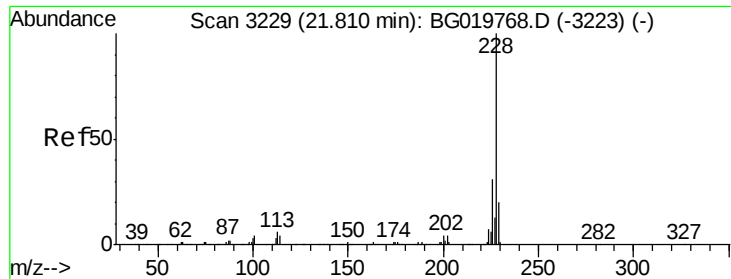
Tgt Ion:228 Resp: 345776  
Ion Ratio Lower Upper  
228 100  
229 19.7 15.7 23.5  
226 28.1 22.6 33.8



#84  
Bis(2-ethylhexyl)phthalate  
Concen: 20.40 ng/ul  
RT: 21.63 min Scan# 3199  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:149 Resp: 159444  
Ion Ratio Lower Upper  
149 100  
167 27.2 22.4 33.6  
279 5.8 3.6 5.4#

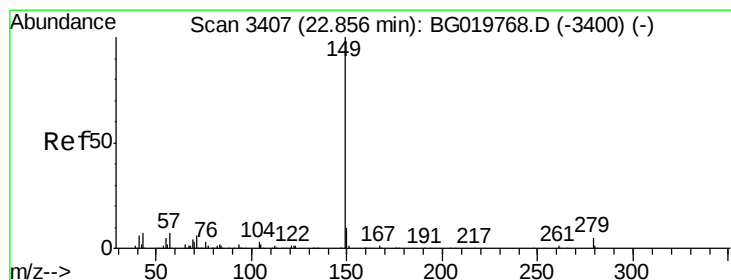
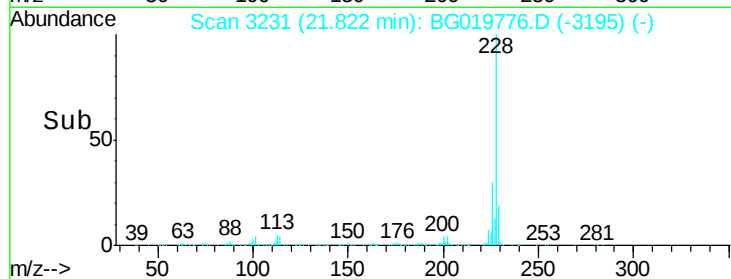
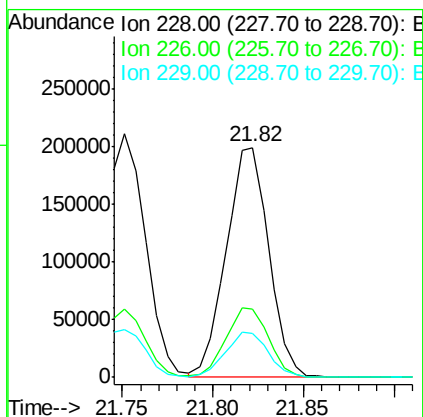
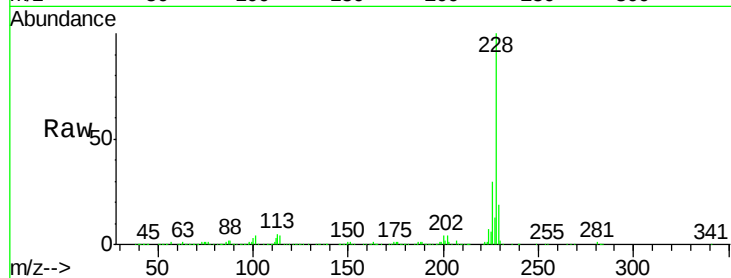




#85  
 Chrysene  
 Concen: 20.52 ng/ul  
 RT: 21.82 min Scan# 3231  
 Delta R.T. 0.01 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

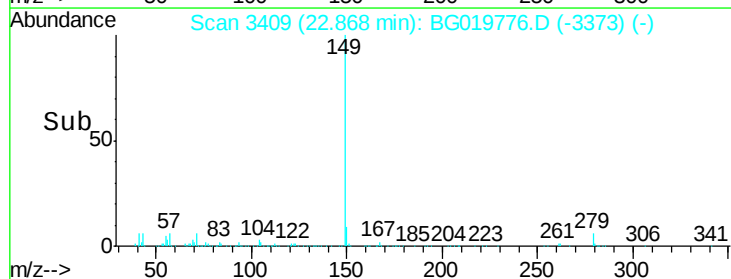
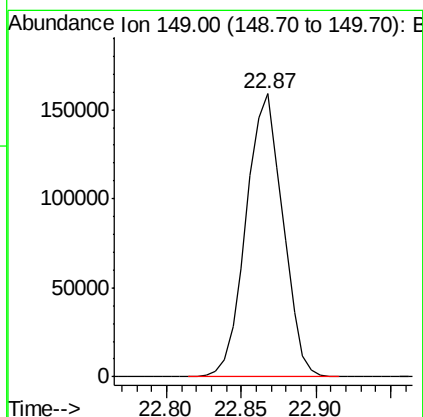
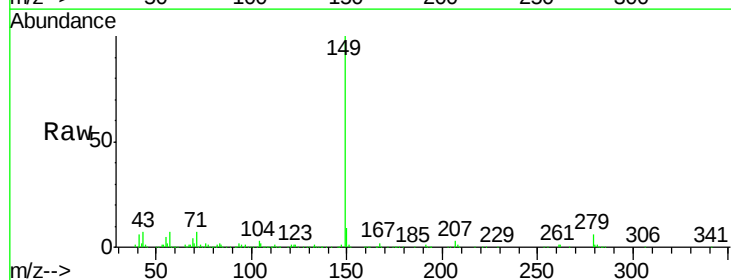
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02009

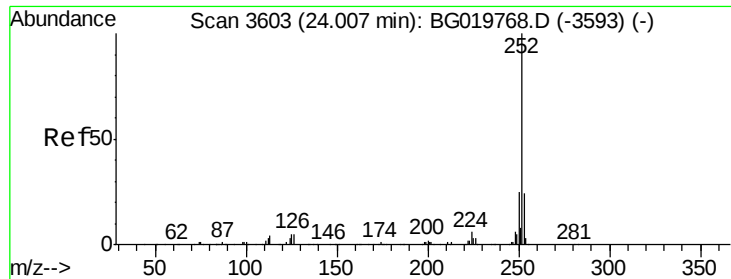
Tgt Ion: 228 Resp: 324825  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 24.9 37.3  
 229 18.9 17.0 25.6



#87  
 Di-n-octyl phthalate  
 Concen: 20.20 ng/ul  
 RT: 22.87 min Scan# 3409  
 Delta R.T. 0.01 min  
 Lab File: BG019776.D  
 Acq: 22 Nov 2015 10:38

Tgt Ion: 149 Resp: 269777

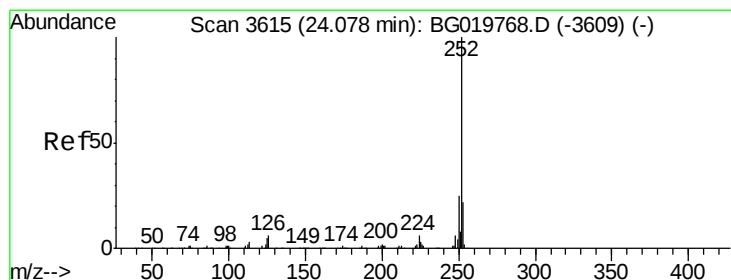
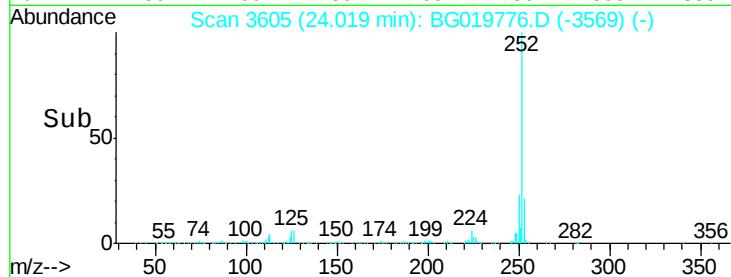
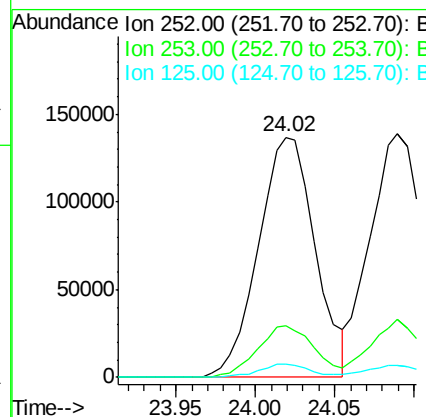
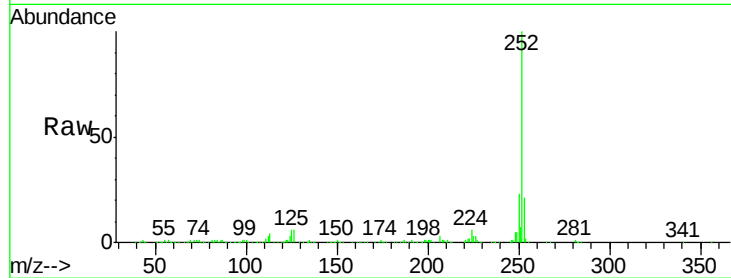




#88  
Benzo(b)fluoranthene  
Concen: 20.07 ng/ul  
RT: 24.02 min Scan# 3605  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

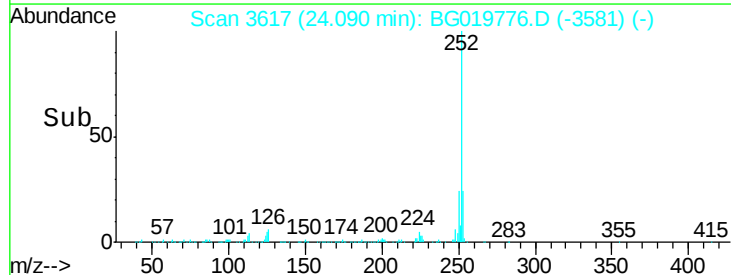
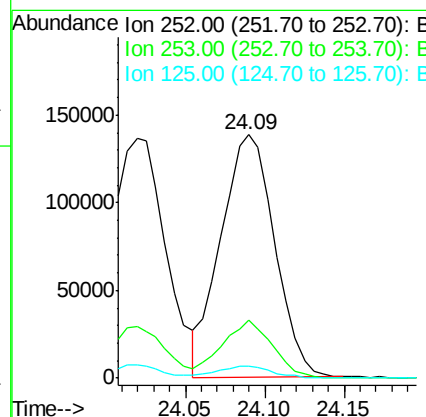
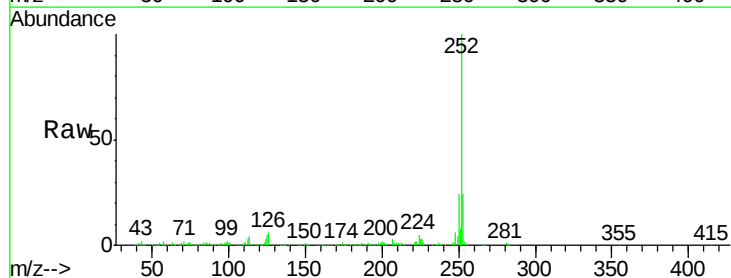
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

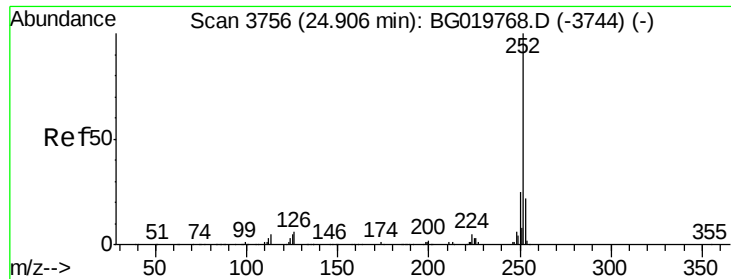
Tgt Ion:252 Resp: 340212  
Ion Ratio Lower Upper  
252 100  
253 21.4 17.1 25.7  
125 5.6 4.2 6.4



#89  
Benzo(k)fluoranthene  
Concen: 19.83 ng/ul  
RT: 24.09 min Scan# 3617  
Delta R.T. 0.01 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:252 Resp: 324183  
Ion Ratio Lower Upper  
252 100  
253 23.6 17.1 25.7  
125 4.8 4.4 6.6





#91

Benzo(a)pyrene

Concen: 19.94 ng/ul

RT: 24.92 min Scan# 3758

Delta R.T. 0.01 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

Instrument :

BNA\_G

ClientSampleId :

SSTD02009

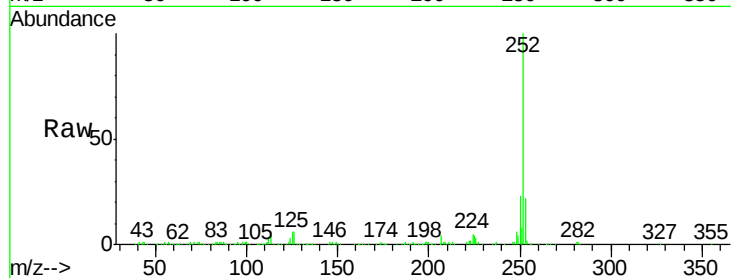
Tgt Ion:252 Resp: 325289

Ion Ratio Lower Upper

252 100

253 21.6 16.9 25.3

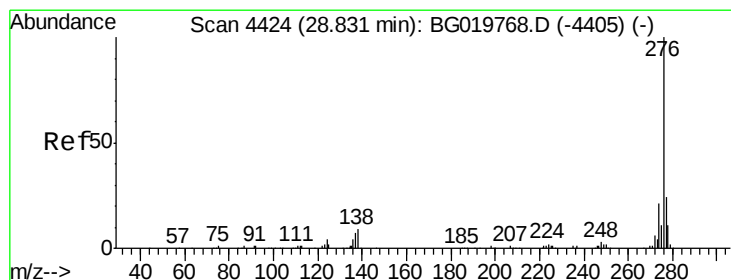
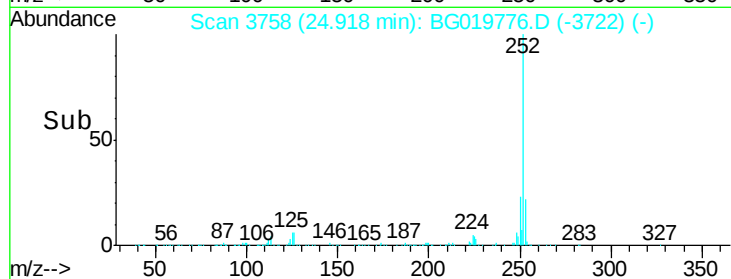
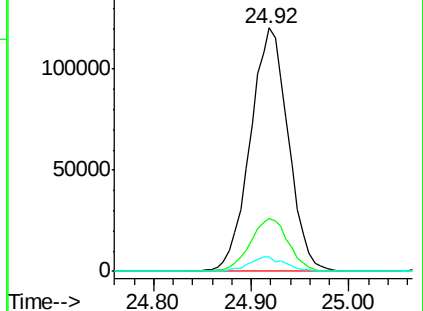
125 5.7 5.4 8.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 20.20 ng/ul

RT: 28.86 min Scan# 4429

Delta R.T. 0.03 min

Lab File: BG019776.D

Acq: 22 Nov 2015 10:38

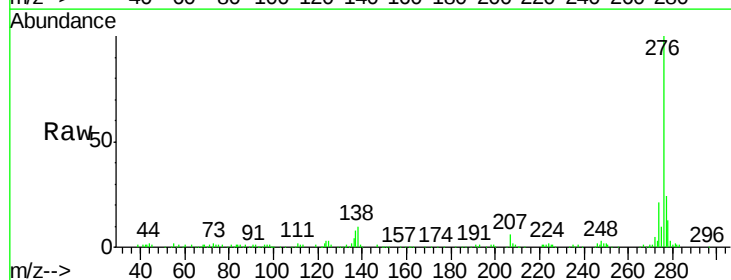
Tgt Ion:276 Resp: 368839

Ion Ratio Lower Upper

276 100

138 9.7 9.9 14.9#

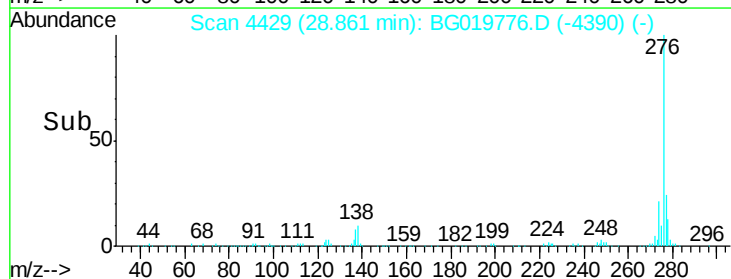
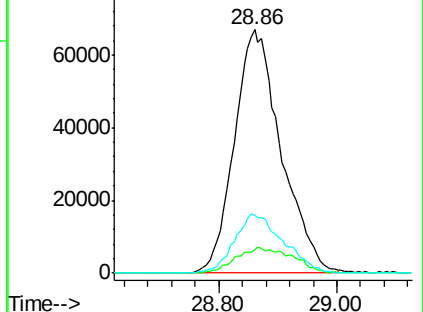
277 24.1 21.3 31.9

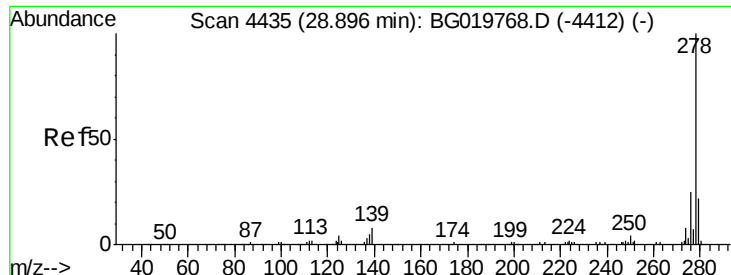


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

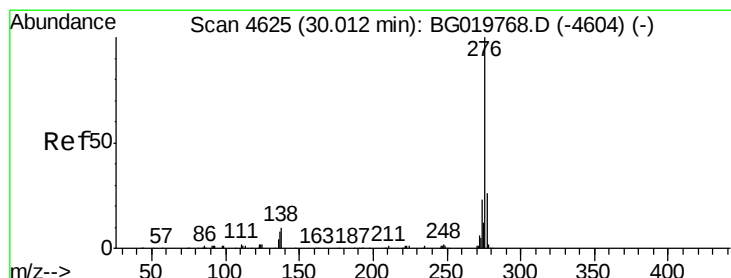
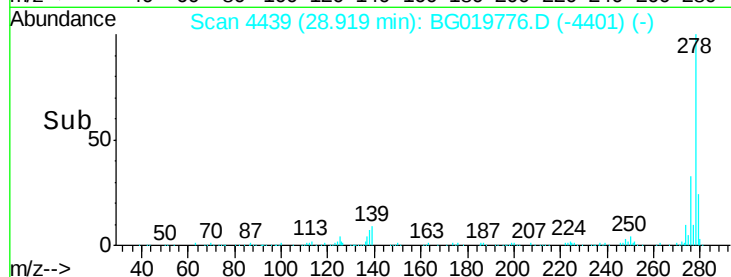
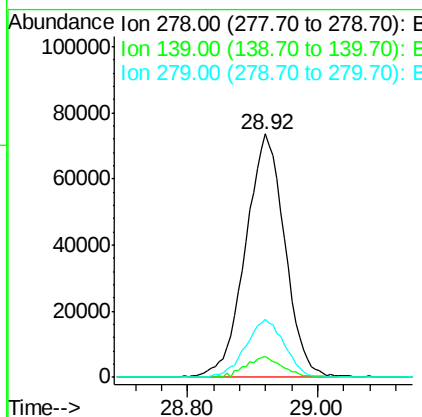
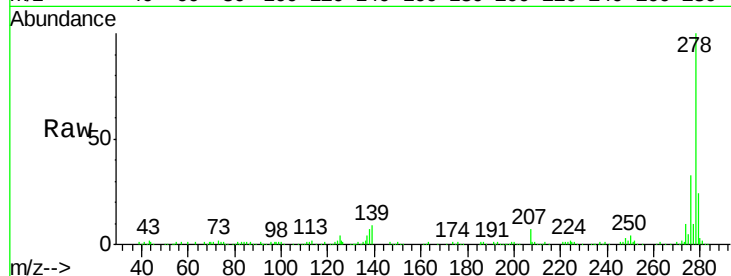




#93  
Dibenzo(a,h)anthracene  
Concen: 20.46 ng/ul  
RT: 28.92 min Scan# 4439  
Delta R.T. 0.02 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02009

Tgt Ion:278 Resp: 307074  
Ion Ratio Lower Upper  
278 100  
139 8.6 5.9 8.9  
279 24.0 18.2 27.2



#94  
Benzo(g,h,i)perylene  
Concen: 20.31 ng/ul  
RT: 30.05 min Scan# 4632  
Delta R.T. 0.04 min  
Lab File: BG019776.D  
Acq: 22 Nov 2015 10:38

Tgt Ion:276 Resp: 307705  
Ion Ratio Lower Upper  
276 100  
138 9.6 9.2 13.8  
277 23.1 18.6 28.0

