

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081215\  
 Data File : BG018417.D  
 Acq On : 13 Aug 2015 3:27  
 Operator : UM/MA  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

Quant Time: Aug 13 04:52:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Aug 13 04:07:48 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.02  | 152  | 120073   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.83 | 136  | 536895   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.65 | 164  | 345889   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.39 | 188  | 824263   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.66 | 240  | 814802   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.86 | 264  | 812512   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.45  | 96  | 20675  | 7.61  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.18  | 99  | 223709 | 20.53 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.34  | 67  | 136260 | 20.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.56  | 132 | 168272 | 20.16 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.72  | 113 | 189653 | 20.71 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.18  | 128 | 89648  | 21.42 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.90  | 143 | 95384  | 22.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.45 | 165 | 197384 | 21.82 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.96 | 131 | 256998 | 25.14 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.05 | 166 | 597067 | 20.52 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.34 | 160 | 745366 | 20.34 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.84 | 143 | 116289 | 22.22 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.64 | 176 | 527028 | 20.79 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.75 | 200 | 98226  | 24.23 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.49 | 188 | 808509 | 20.51 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.77 | 212 | 877471 | 20.76 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.64 | 264 | 890275 | 20.64 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.49  | 88  | 20417  | 7.02  | ng/uL# | 79     |
| 4) Benzaldehyde                | 7.16  | 77  | 142870 | 22.35 | ng/ul  | 98     |
| 6) Phenol                      | 7.20  | 94  | 230962 | 20.78 | ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.44  | 93  | 177007 | 20.70 | ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.58  | 128 | 172188 | 20.24 | ng/ul  | 91     |
| 11) 2-Methylphenol             | 8.46  | 108 | 181967 | 21.11 | ng/ul  | 94     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.55  | 45  | 226759 | 16.52 | ng/ul# | 94     |
| 14) Acetophenone               | 8.84  | 105 | 282848 | 21.39 | ng/ul# | 95     |
| 15) N-Nitroso-di-n-propylamine | 8.82  | 70  | 154957 | 20.42 | ng/ul  | 92     |
| 16) 4-Methylphenol             | 8.79  | 108 | 198359 | 21.09 | ng/ul  | 93     |
| 17) Hexachloroethane           | 9.11  | 117 | 69988  | 19.09 | ng/ul  | 88     |
| 20) Nitrobenzene               | 9.22  | 77  | 212950 | 20.16 | ng/ul  | 92     |
| 21) Isophorone                 | 9.75  | 82  | 420797 | 20.71 | ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.94  | 139 | 104673 | 22.11 | ng/ul  | 94     |
| 24) 2,4-Dimethylphenol         | 9.99  | 107 | 221021 | 20.84 | ng/ul  | 97     |
| 25) Bis(2-Chloroethoxy)methane | 10.23 | 93  | 262829 | 20.76 | ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.47 | 162 | 178194 | 21.03 | ng/ul  | 97     |
| 28) Naphthalene                | 10.88 | 128 | 589670 | 20.78 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.98 | 127 | 256589 | 24.67 | ng/ul  | 100    |
| 31) Hexachlorobutadiene        | 11.16 | 225 | 113069 | 21.12 | ng/ul  | 90     |
| 32) Caprolactam                | 11.73 | 113 | 52591  | 15.40 | ng/ul  | 93     |
| 33) 4-Chloro-3-methylphenol    | 12.10 | 107 | 216491 | 22.05 | ng/ul  | 98     |
| 34) 2-Methylnaphthalene        | 12.48 | 142 | 439877 | 21.41 | ng/ul  | 96     |

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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 12.70 | 142  | 433892   | 21.62 | ng/ul# | 98       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.84 | 216  | 230032   | 20.74 | ng/ul  | 95       |
| 38) Hexachlorocyclopentadiene  | 12.83 | 237  | 135117   | 20.46 | ng/ul  | 99       |
| 39) 2,4,6-Trichlorophenol      | 13.08 | 196  | 159689   | 21.14 | ng/ul  | 97       |
| 40) 2,4,5-Trichlorophenol      | 13.15 | 196  | 173395   | 21.35 | ng/ul  | 99       |
| 41) 1,1'-Biphenyl              | 13.48 | 154  | 581204   | 20.13 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 13.52 | 162  | 458072   | 20.43 | ng/ul  | 98       |
| 43) 2-Nitroaniline             | 13.72 | 65   | 148330   | 20.49 | ng/ul  | 94       |
| 45) Dimethylphthalate          | 14.10 | 163  | 575646   | 20.05 | ng/ul# | 98       |
| 46) 2,6-Dinitrotoluene         | 14.22 | 165  | 128599   | 22.50 | ng/ul  | 92       |
| 48) Acenaphthylene             | 14.37 | 152  | 743226   | 20.22 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 14.54 | 138  | 137695   | 23.61 | ng/ul  | 93       |
| 50) Acenaphthene               | 14.71 | 153  | 524085   | 20.33 | ng/ul  | 99       |
| 51) 2,4-Dinitrophenol          | 14.75 | 184  | 62552    | 22.44 | ng/ul  | 93       |
| 53) 4-Nitrophenol              | 14.85 | 109  | 91173    | 20.03 | ng/ul  | 91       |
| 54) Dibenzofuran               | 15.05 | 168  | 691793   | 20.53 | ng/ul  | 98       |
| 55) 2,4-Dinitrotoluene         | 15.01 | 165  | 181772   | 22.28 | ng/ul# | 86       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.27 | 232  | 153865   | 21.74 | ng/ul# | 97       |
| 57) Diethylphthalate           | 15.46 | 149  | 617029   | 20.23 | ng/ul  | 98       |
| 59) Fluorene                   | 15.69 | 166  | 592359   | 20.44 | ng/ul  | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.69 | 204  | 288101   | 21.00 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 141347   | 21.94 | ng/ul  | 97       |
| 64) 4,6-Dinitro-2-methylphenol | 15.77 | 198  | 104692   | 24.21 | ng/ul  | 93       |
| 65) N-Nitrosodiphenylamine     | 15.90 | 169  | 514227   | 20.74 | ng/ul  | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.58 | 248  | 186331   | 20.90 | ng/ul  | 94       |
| 67) Hexachlorobenzene          | 16.70 | 284  | 203681   | 21.61 | ng/ul  | 98       |
| 68) Atrazine                   | 16.84 | 200  | 210935   | 22.72 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 17.04 | 266  | 128006   | 20.28 | ng/ul  | 93       |
| 70) Phenanthrene               | 17.43 | 178  | 920601   | 20.59 | ng/ul  | 99       |
| 72) Anthracene                 | 17.53 | 178  | 948280   | 20.81 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.45 | 216  | 241242   | 21.15 | ng/uL  | 96       |
| 74) Pentachlorobenzene         | 14.96 | 250  | 228060   | 20.94 | ng/uL  | 94       |
| 75) Carbazole                  | 17.79 | 167  | 911309   | 22.81 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.35 | 149  | 1090365  | 20.89 | ng/ul  | 99       |
| 77) Fluoranthene               | 19.44 | 202  | 1110652  | 23.25 | ng/ul  | 99       |
| 80) Pyrene                     | 19.80 | 202  | 1125004  | 20.42 | ng/ul  | 99       |
| 81) Butylbenzylphthalate       | 20.69 | 149  | 487714   | 20.93 | ng/ul  | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.55 | 252  | 392811   | 23.21 | ng/ul  | 96       |
| 83) Benzo(a)anthracene         | 21.63 | 228  | 1043400  | 20.65 | ng/ul  | 98       |
| 84) Bis(2-ethylhexyl)phthalate | 21.55 | 149  | 679218   | 20.63 | ng/ul  | 99       |
| 85) Chrysene                   | 21.70 | 228  | 960556   | 20.33 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.76 | 149  | 1176262  | 22.44 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.84 | 252  | 1065403  | 20.87 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 23.91 | 252  | 1006686  | 20.48 | ng/ul  | 100      |
| 91) Benzo(a)pyrene             | 24.71 | 252  | 1001672  | 20.64 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.52 | 276  | 1168406  | 20.80 | ng/ul  | 97       |
| 93) Dibenzo(a,h)anthracene     | 28.58 | 278  | 974723   | 20.89 | ng/ul  | 96       |
| 94) Benzo(g,h,i)perylene       | 29.65 | 276  | 508966   | 10.79 | ng/ul  | 98       |
| -----                          |       |      |          |       |        |          |

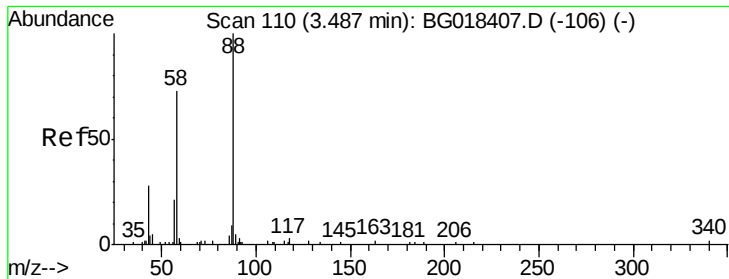
Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG081215\  
Data File : BG018417.D  
Acq On : 13 Aug 2015 3:27  
Operator : UM/MA  
Sample : SSTDCCC020  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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| Internal Standards                                                   | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |





#2

1,4-Dioxane

Concen: 7.02 ng/uL

RT: 3.49 min Scan# 111

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

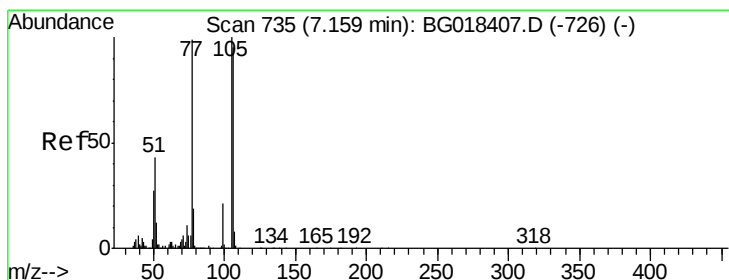
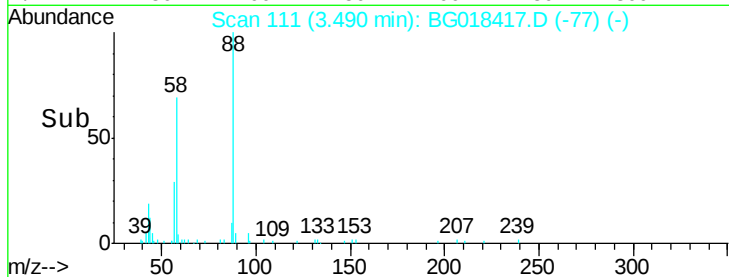
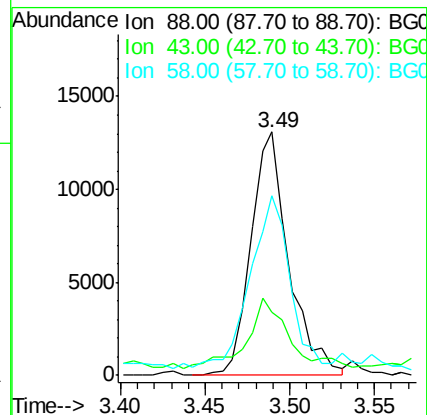
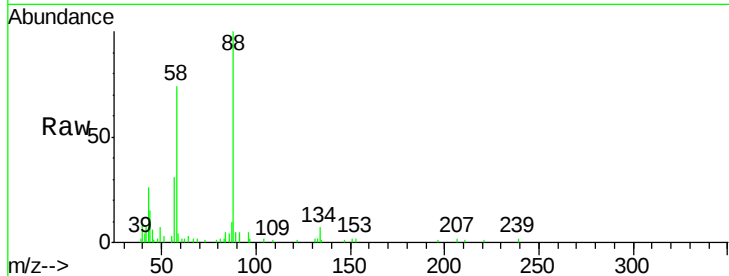
Tgt Ion: 88 Resp: 20417

Ion Ratio Lower Upper

88 100

43 25.7 33.0 49.4#

58 73.6 73.4 110.0



#4

Benzaldehyde

Concen: 22.35 ng/uL

RT: 7.16 min Scan# 735

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

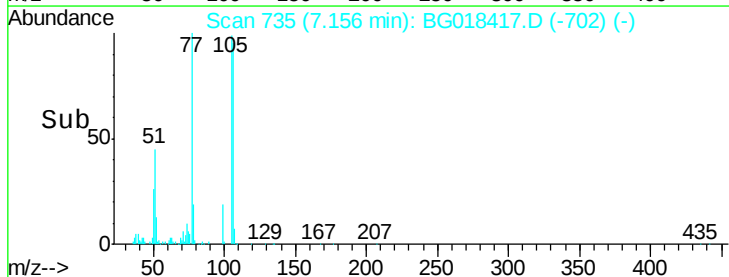
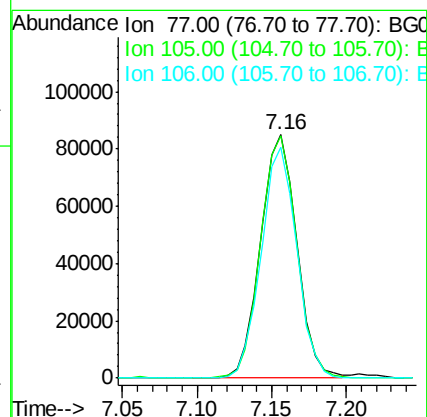
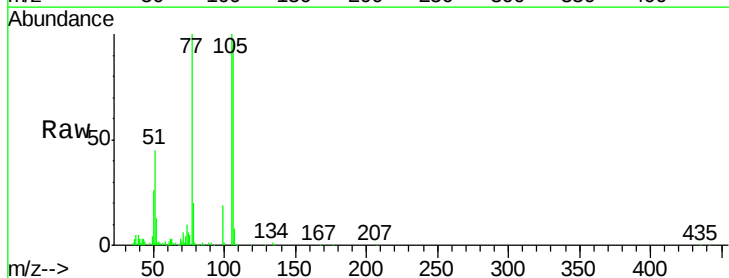
Tgt Ion: 77 Resp: 142870

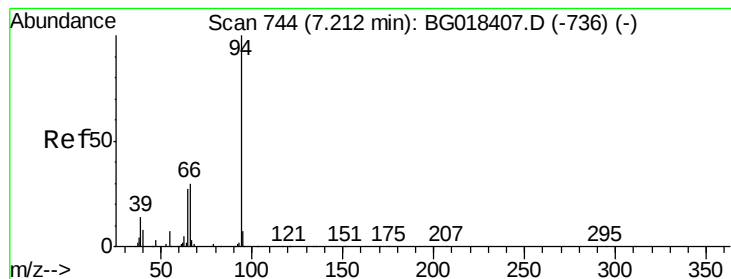
Ion Ratio Lower Upper

77 100

105 99.6 78.2 117.2

106 94.6 76.8 115.2





#6

Phenol

Concen: 20.78 ng/ul

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

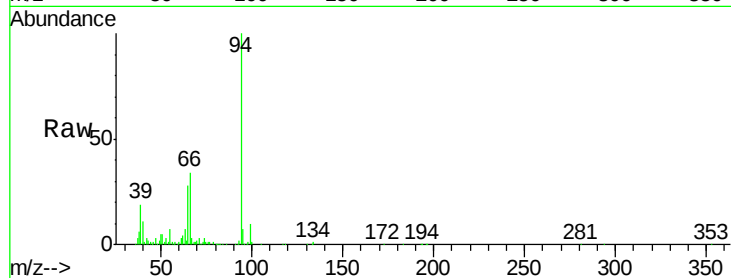
Tgt Ion: 94 Resp: 230962

Ion Ratio Lower Upper

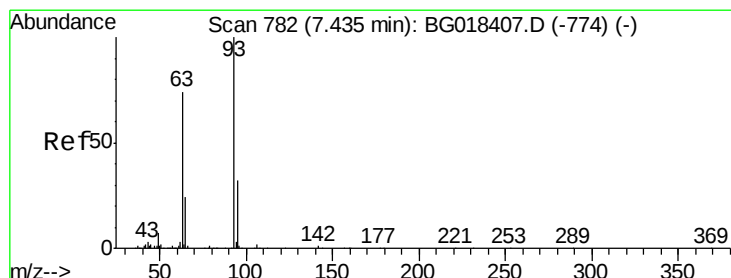
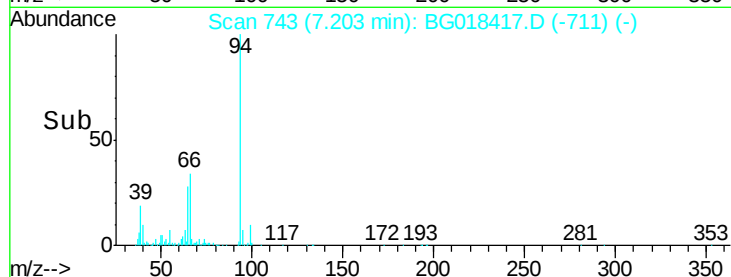
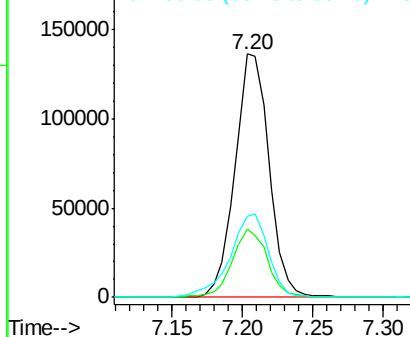
94 100

65 27.9 23.0 34.6

66 33.5 31.0 46.4



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: 20.70 ng/ul

RT: 7.44 min Scan# 783

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

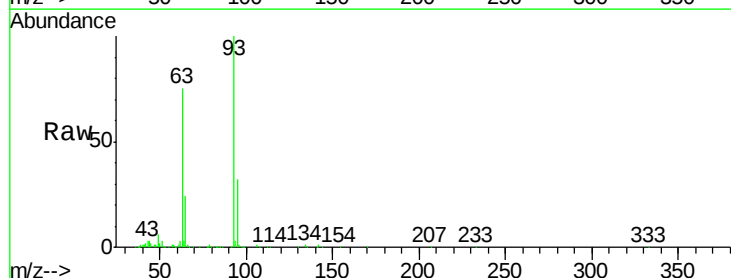
Tgt Ion: 93 Resp: 177007

Ion Ratio Lower Upper

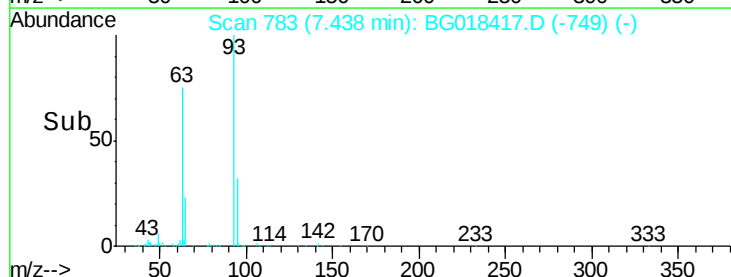
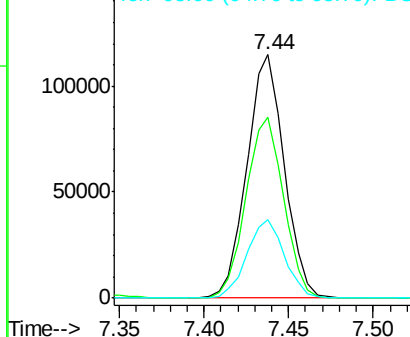
93 100

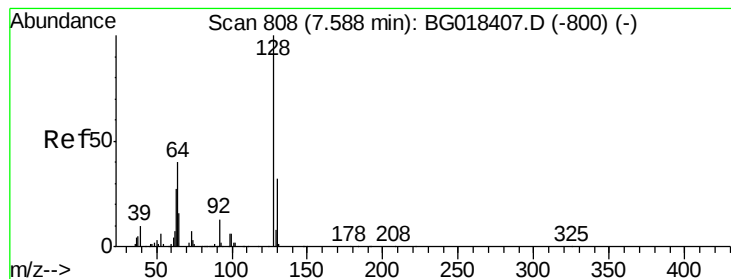
63 74.6 61.4 92.2

95 32.2 25.9 38.9



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: 20.24 ng/ul

RT: 7.58 min Scan# 808

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

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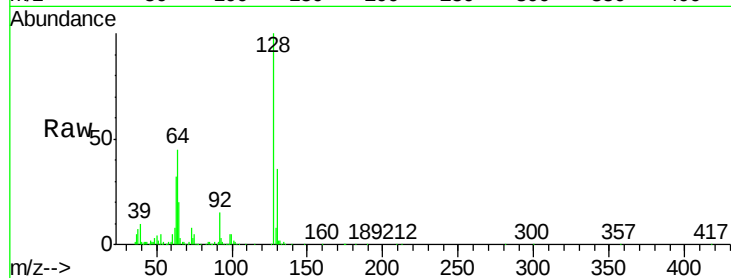
Tgt Ion:128 Resp: 172188

Ion Ratio Lower Upper

128 100

64 45.1 40.9 61.3

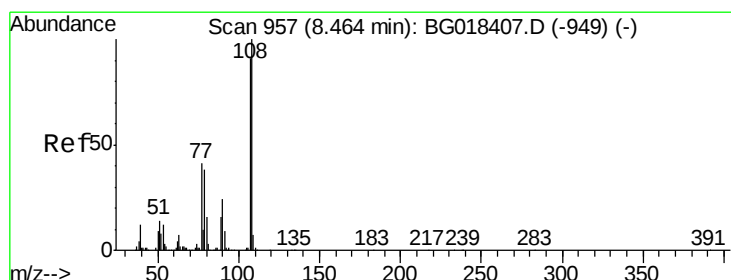
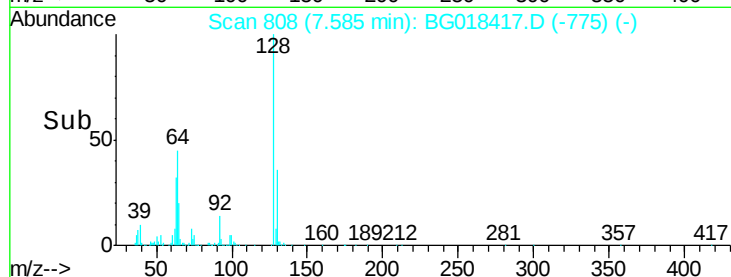
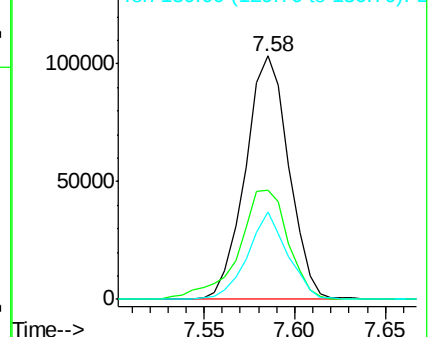
130 35.8 24.5 36.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG018417.D (-775) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 21.11 ng/ul

RT: 8.46 min Scan# 957

Delta R.T. -0.00 min

Lab File: BG018417.D

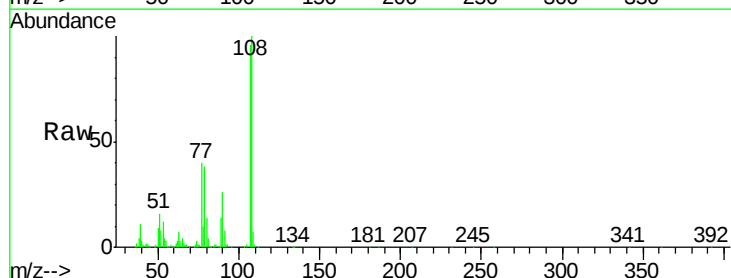
Acq: 13 Aug 2015 3:27

Tgt Ion:108 Resp: 181967

Ion Ratio Lower Upper

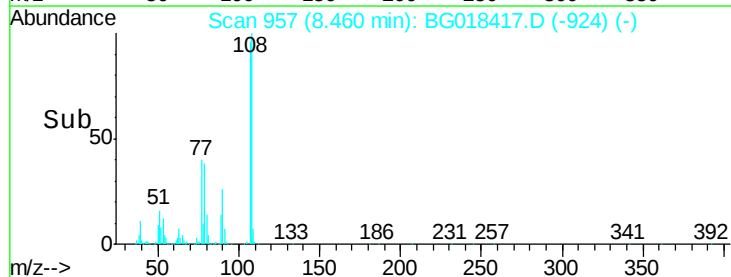
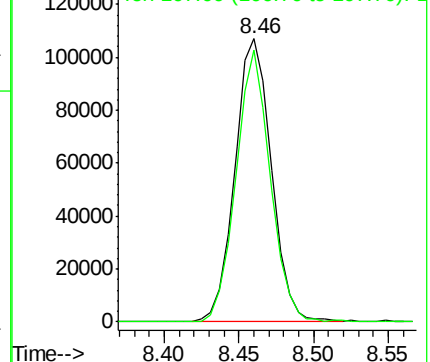
108 100

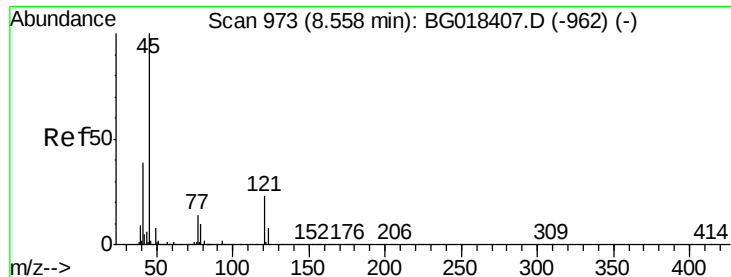
107 96.1 72.1 108.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

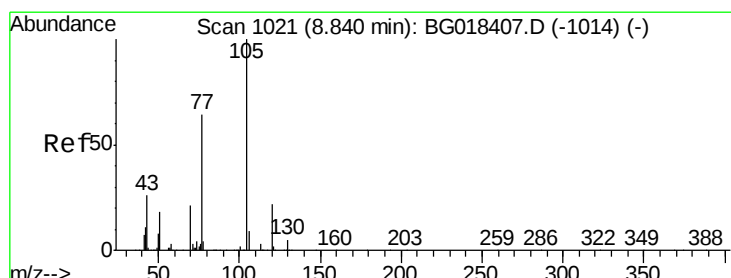
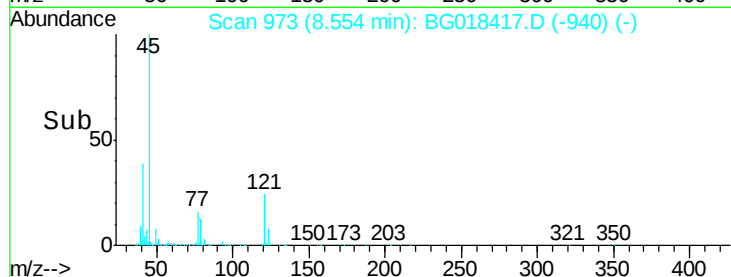
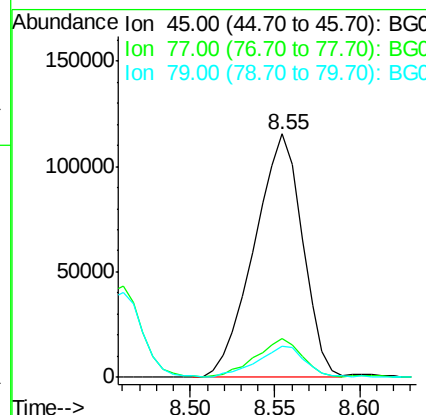
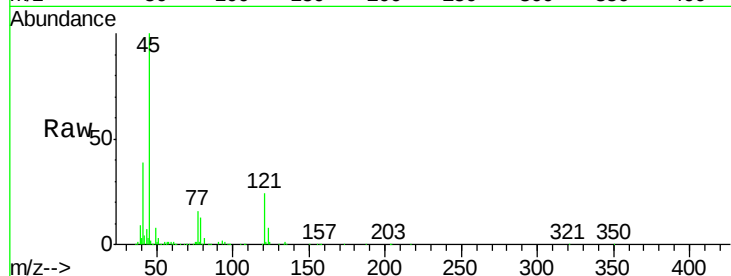




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 16.52 ng/ul  
RT: 8.55 min Scan# 973  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

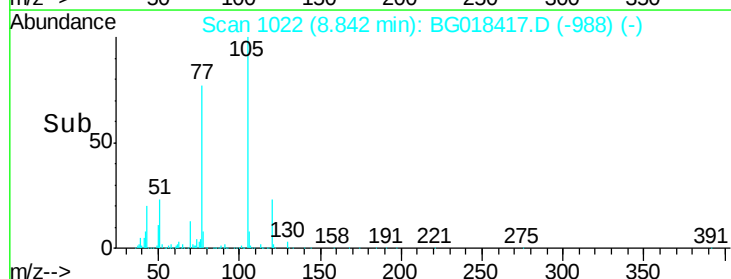
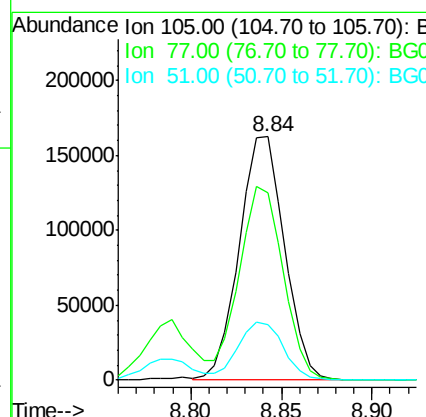
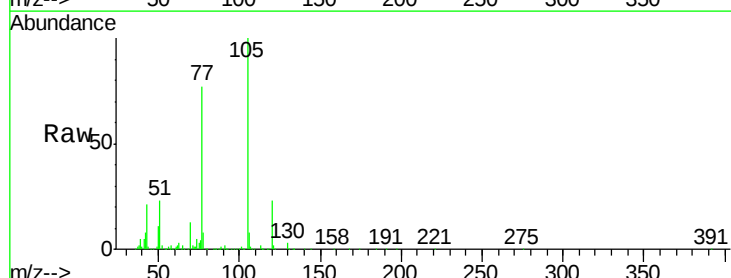
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

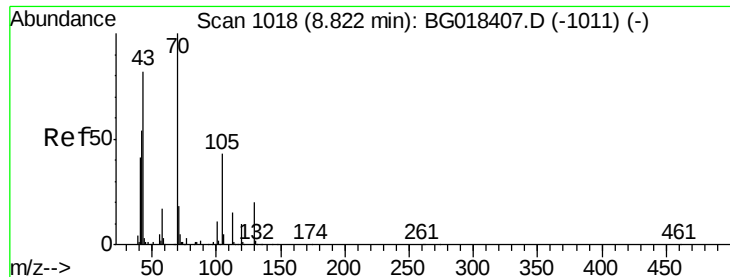
Tgt Ion: 45 Resp: 226759  
Ion Ratio Lower Upper  
45 100  
77 15.8 11.3 16.9  
79 12.8 7.8 11.8#



#14  
Acetophenone  
Concen: 21.39 ng/ul  
RT: 8.84 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Tgt Ion: 105 Resp: 282848  
Ion Ratio Lower Upper  
105 100  
77 77.0 61.9 92.9  
51 22.8 25.5 38.3#

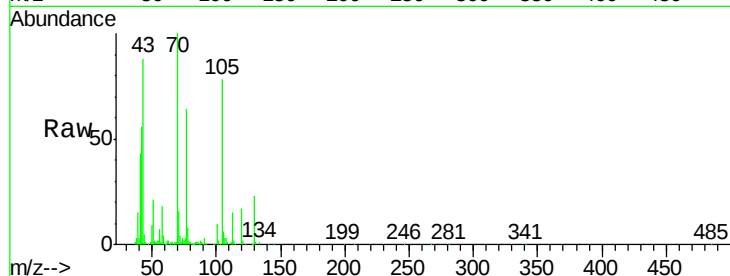




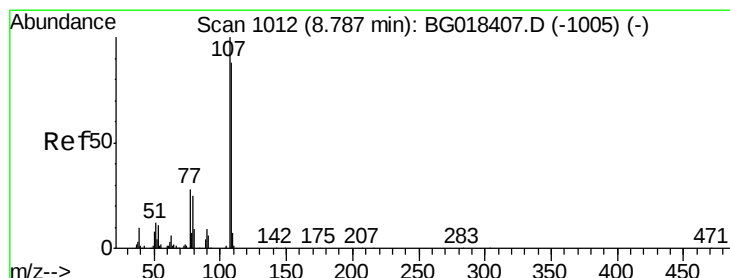
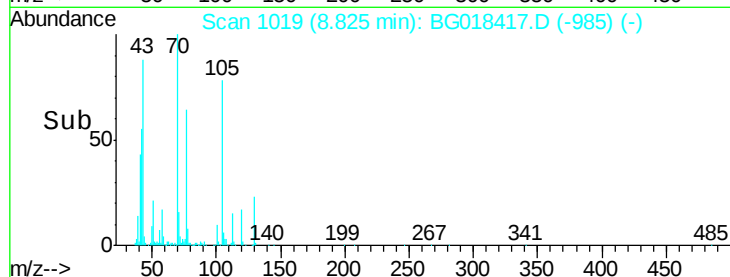
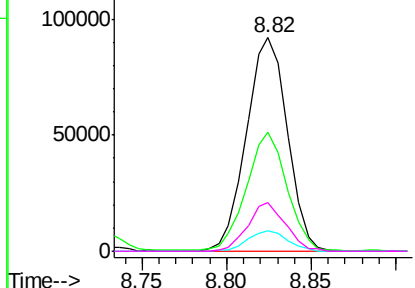
#15  
N-Nitroso-di-n-propylamine  
Concen: 20.42 ng/ul  
RT: 8.82 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

Tgt Ion: 70 Resp: 154957  
Ion Ratio Lower Upper  
70 100  
42 55.5 50.7 76.1  
101 9.6 7.4 11.2  
130 22.8 15.8 23.6

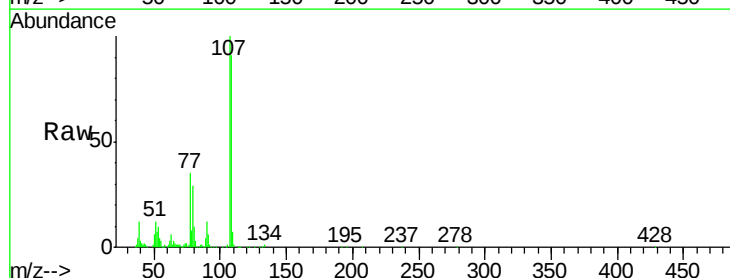


Abundance Ion 70.00 (69.70 to 70.70): BGC  
Ion 42.00 (41.70 to 42.70): BGC  
Ion 101.00 (100.70 to 101.70): BGC  
Ion 130.00 (129.70 to 130.70): BGC

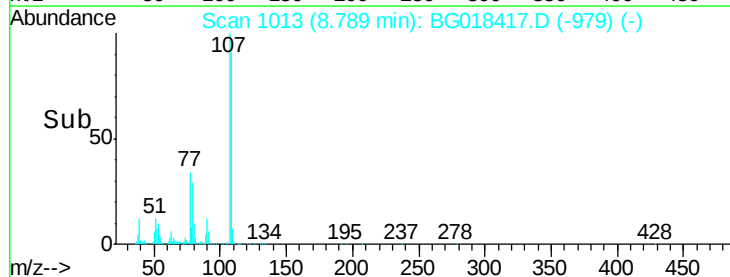
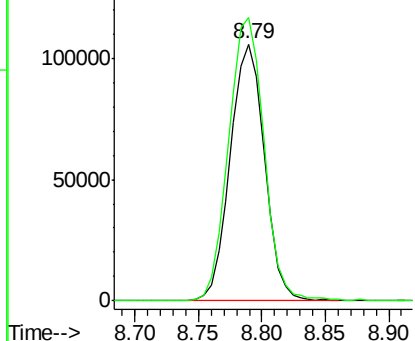


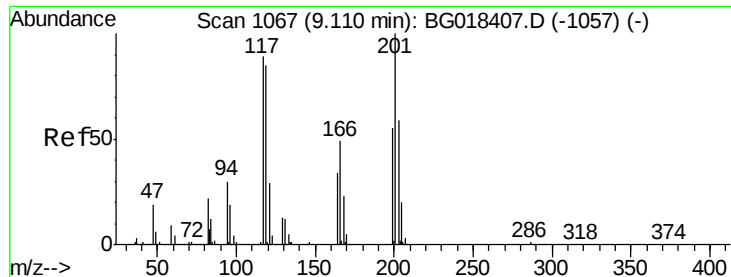
#16  
4-Methylphenol  
Concen: 21.09 ng/ul  
RT: 8.79 min Scan# 1013  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Tgt Ion: 108 Resp: 198359  
Ion Ratio Lower Upper  
108 100  
107 110.3 94.6 142.0



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

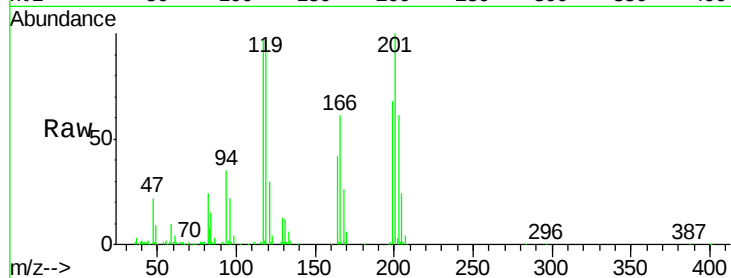




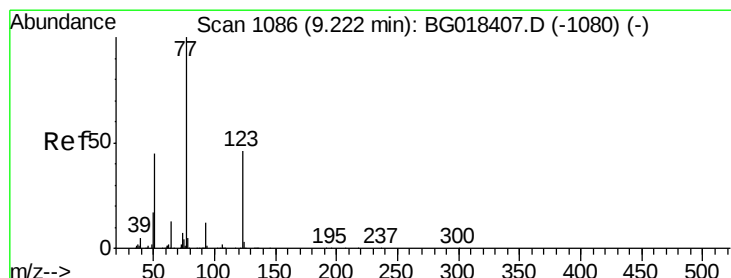
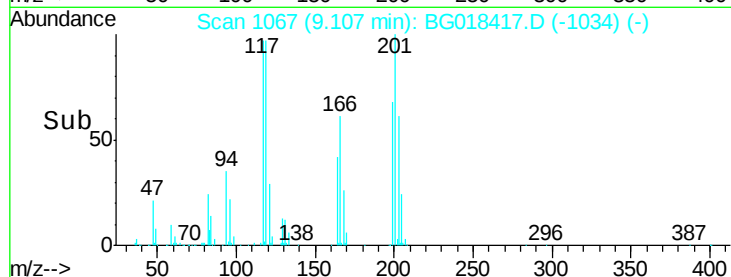
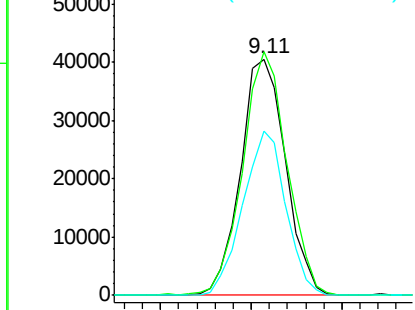
#17  
Hexachloroethane  
Concen: 19.09 ng/ul  
RT: 9.11 min Scan# 1067  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

Tgt Ion: 117 Resp: 69988  
Ion Ratio Lower Upper  
117 100  
201 102.9 73.6 110.4  
199 69.7 48.6 72.8

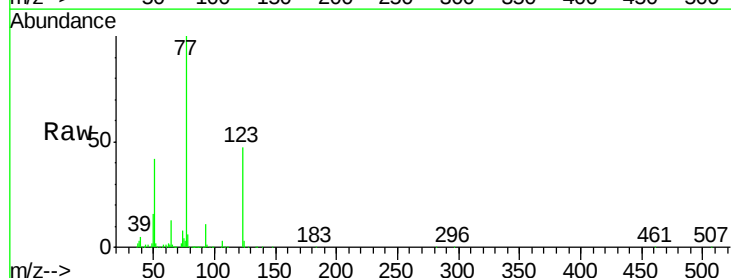


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

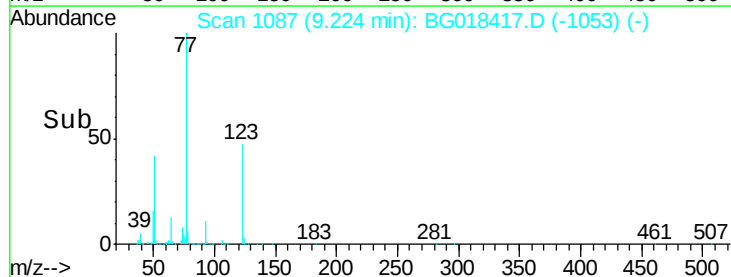
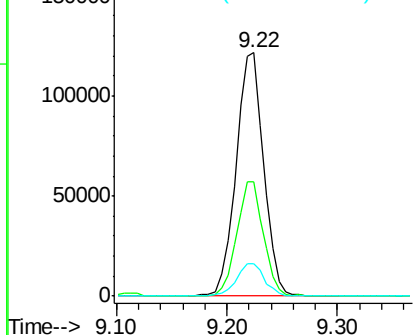


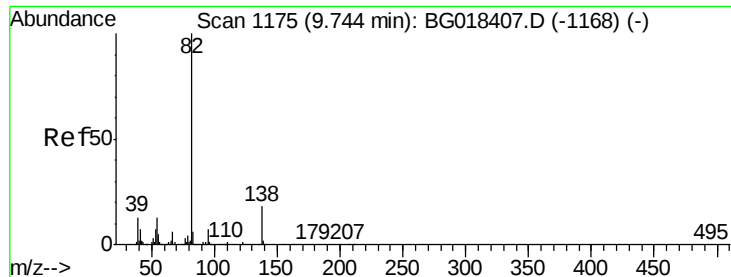
#20  
Nitrobenzene  
Concen: 20.16 ng/ul  
RT: 9.22 min Scan# 1087  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Tgt Ion: 77 Resp: 212950  
Ion Ratio Lower Upper  
77 100  
123 47.0 32.8 49.2  
65 13.4 12.2 18.2



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

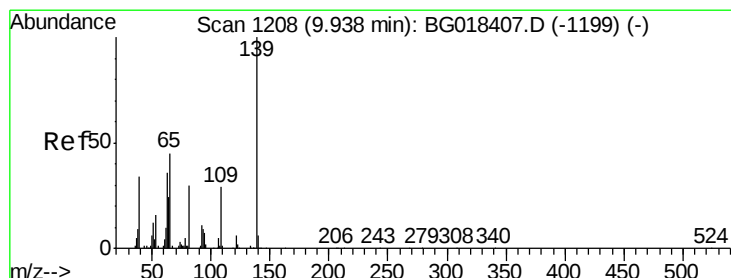
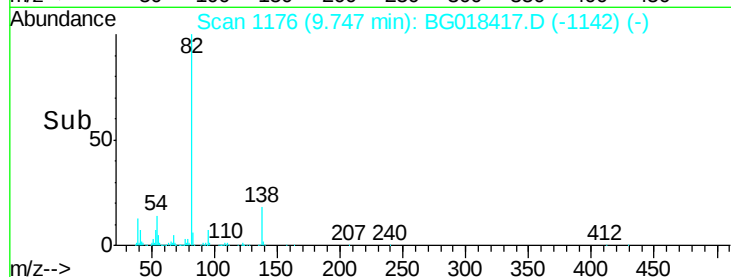
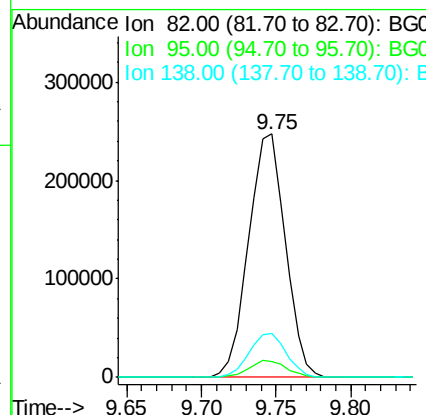
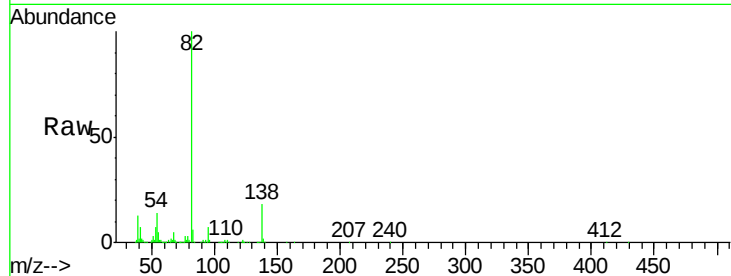




#21  
Isophorone  
Concen: 20.71 ng/ul  
RT: 9.75 min Scan# 1176  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

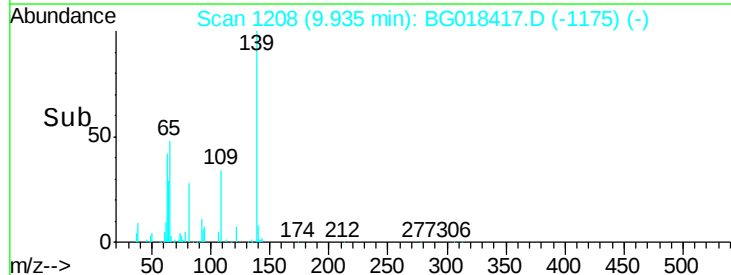
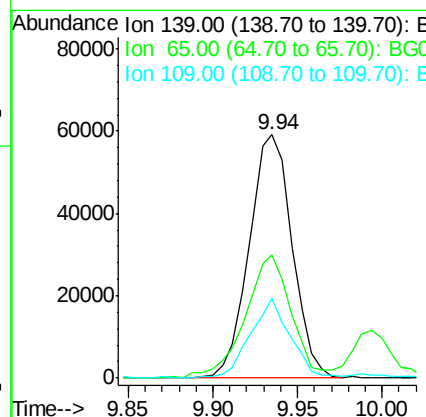
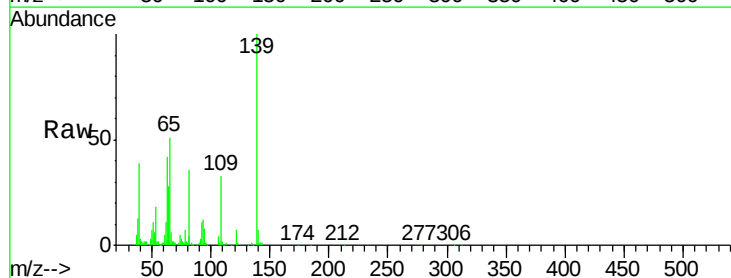
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

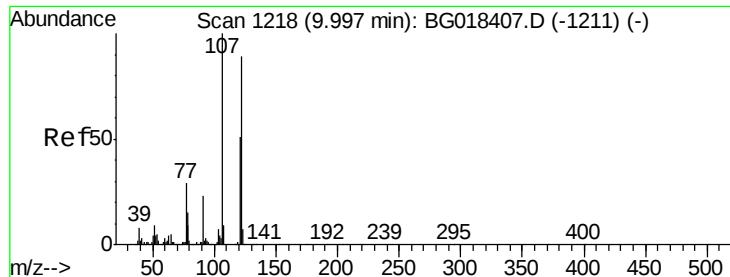
Tgt Ion: 82 Resp: 420797  
Ion Ratio Lower Upper  
82 100  
95 6.7 5.2 7.8  
138 18.1 13.8 20.8



#23  
2-Nitrophenol  
Concen: 22.11 ng/ul  
RT: 9.94 min Scan# 1208  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Tgt Ion: 139 Resp: 104673  
Ion Ratio Lower Upper  
139 100  
65 50.9 45.6 68.4  
109 32.5 25.4 38.2

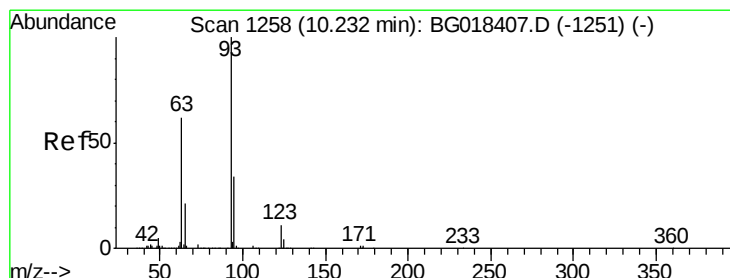
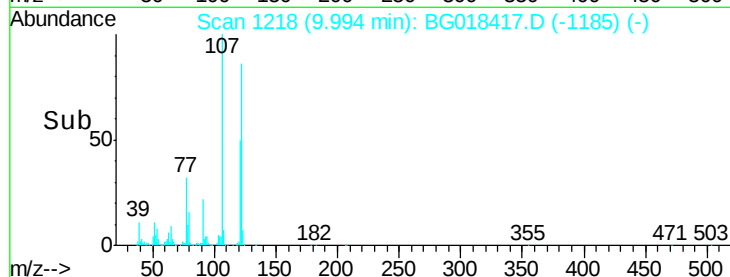
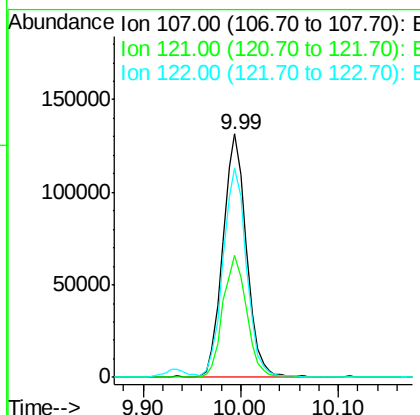
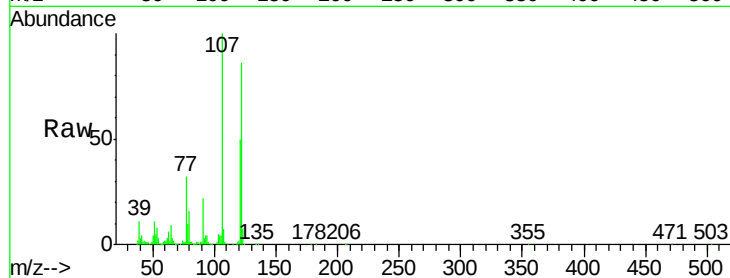




#24  
 2,4-Dimethylphenol  
 Concen: 20.84 ng/ul  
 RT: 9.99 min Scan# 1218  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

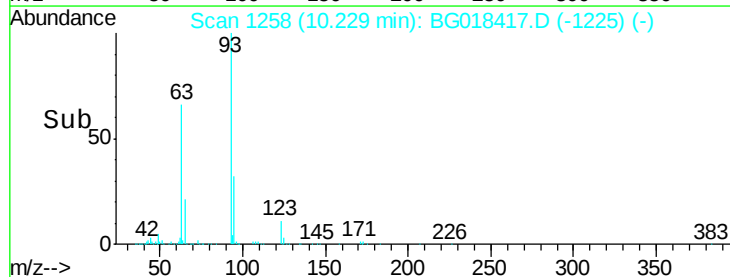
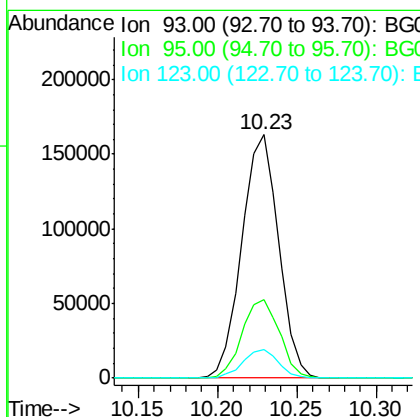
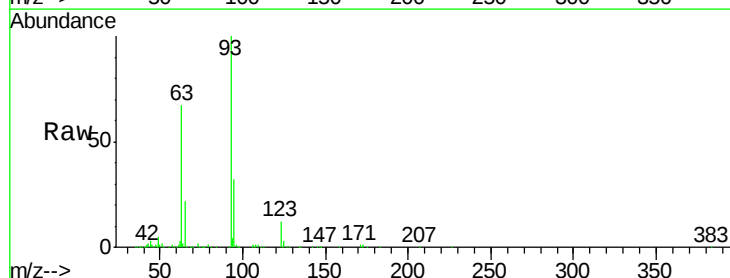
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

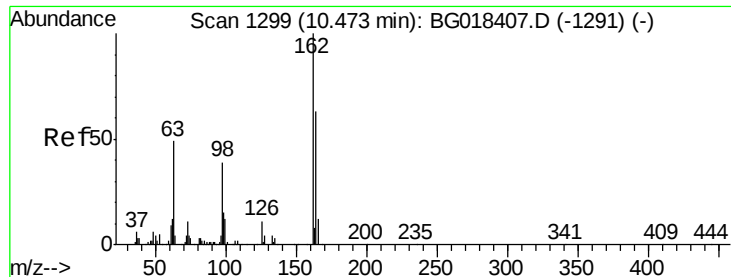
Tgt Ion: 107 Resp: 221021  
 Ion Ratio Lower Upper  
 107 100  
 121 50.4 41.3 61.9  
 122 85.8 71.9 107.9



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.76 ng/ul  
 RT: 10.23 min Scan# 1258  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Tgt Ion: 93 Resp: 262829  
 Ion Ratio Lower Upper  
 93 100  
 95 32.2 24.1 36.1  
 123 11.5 8.9 13.3

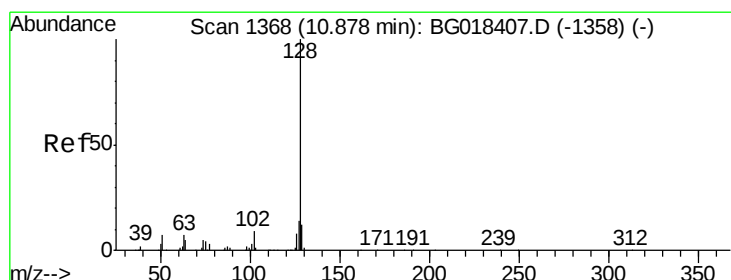
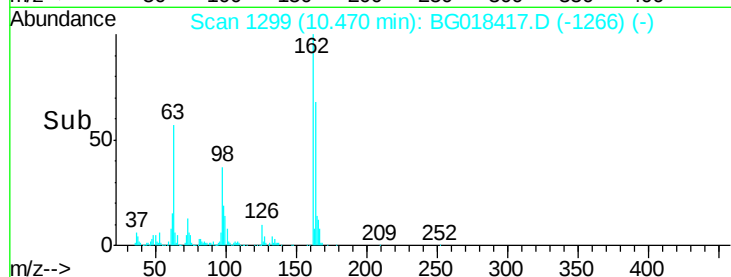
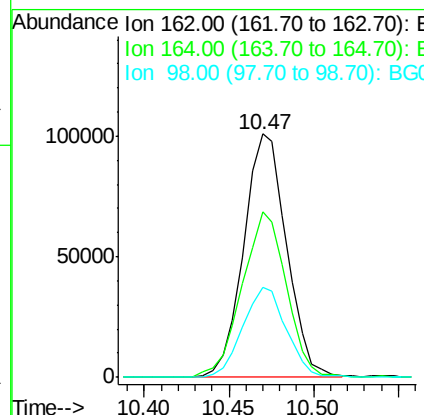
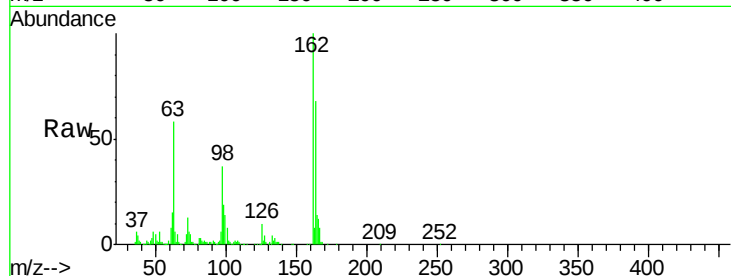




#27  
 2,4-Dichlorophenol  
 Concen: 21.03 ng/ul  
 RT: 10.47 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

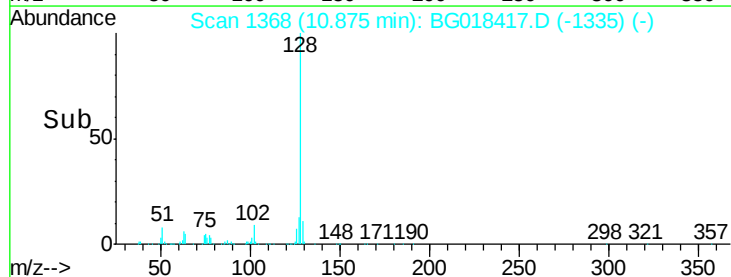
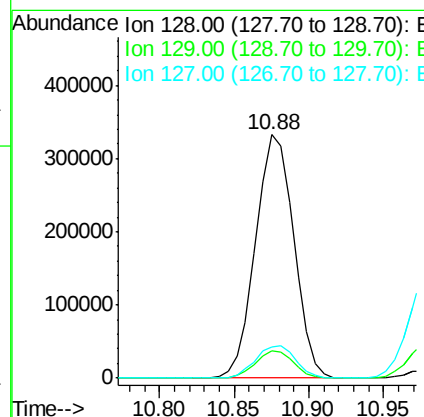
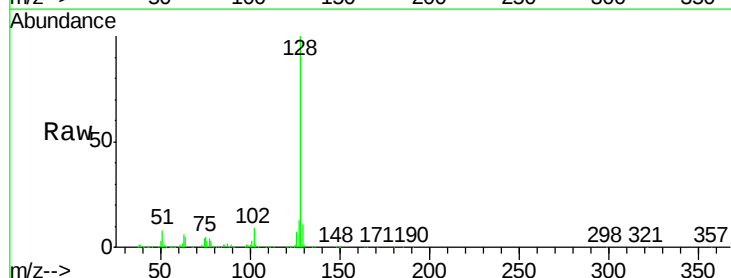
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

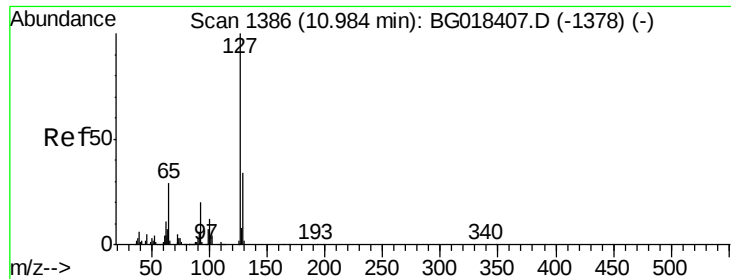
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 67.9  | 51.7  | 77.5  |
| 98      | 37.0  | 30.4  | 45.6  |



#28  
 Naphthalene  
 Concen: 20.78 ng/ul  
 RT: 10.88 min Scan# 1368  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.5  | 9.6   | 14.4  |
| 127     | 12.6  | 10.5  | 15.7  |

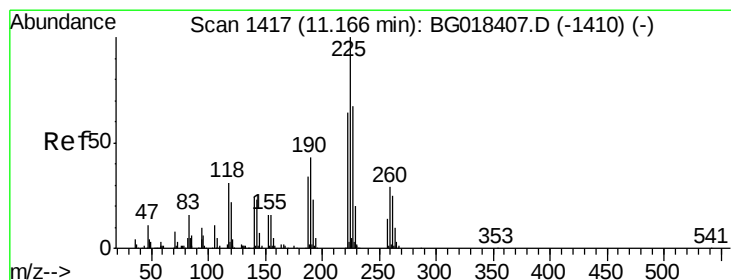
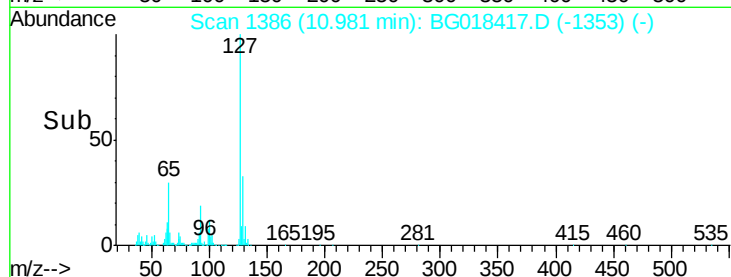
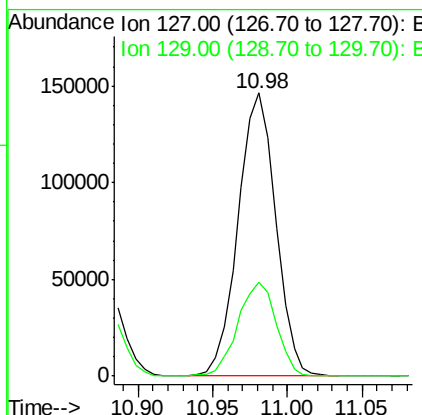
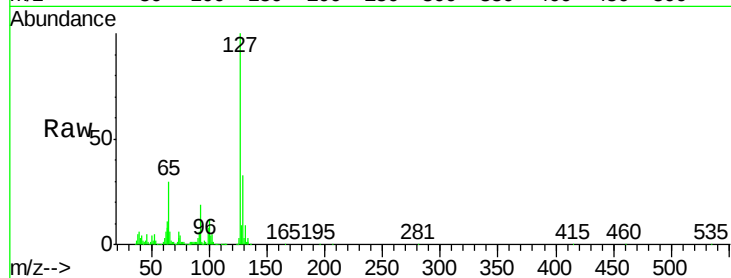




#30  
 4-Chloroaniline  
 Concen: 24.67 ng/ul  
 RT: 10.98 min Scan# 1386  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

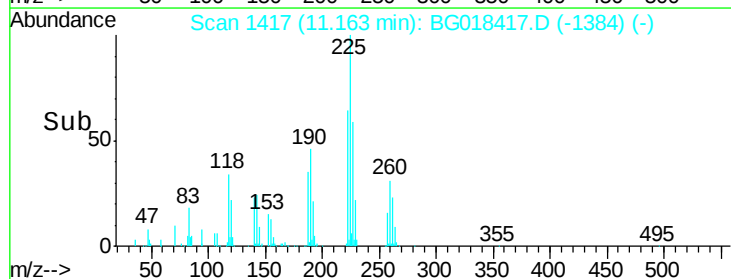
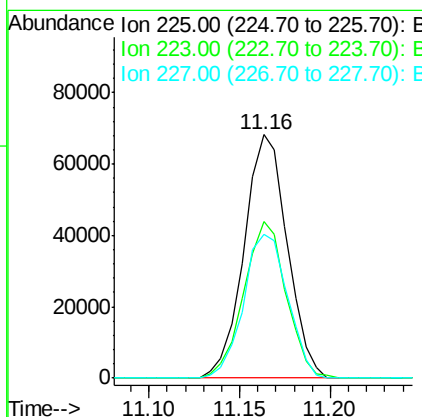
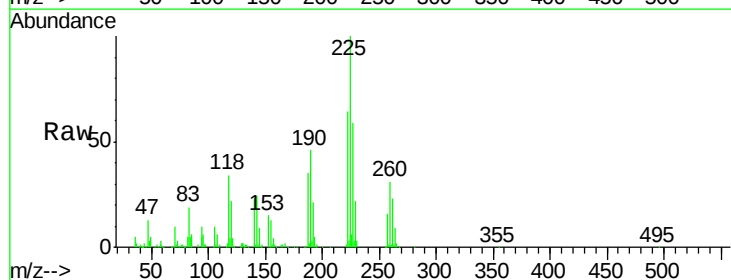
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

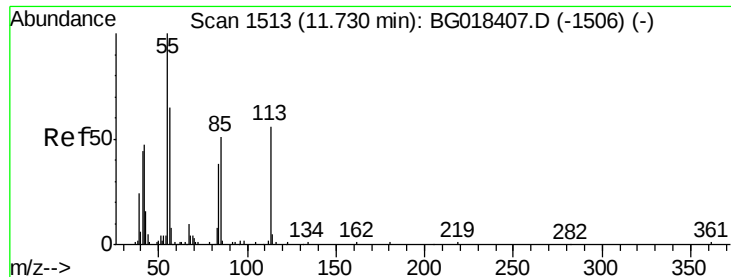
Tgt Ion:127 Resp: 256589  
 Ion Ratio Lower Upper  
 127 100  
 129 33.3 26.7 40.1



#31  
 Hexachlorobutadiene  
 Concen: 21.12 ng/ul  
 RT: 11.16 min Scan# 1417  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Tgt Ion:225 Resp: 113069  
 Ion Ratio Lower Upper  
 225 100  
 223 63.9 45.8 68.8  
 227 58.8 54.0 81.0





#32

Caprolactam

Concen: 15.40 ng/ul

RT: 11.73 min Scan# 1514

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

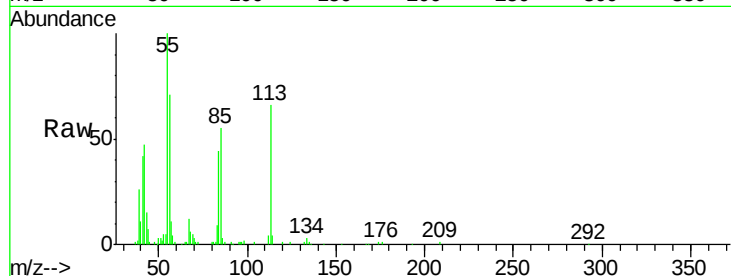
Tgt Ion:113 Resp: 52591

Ion Ratio Lower Upper

113 100

55 151.8 124.2 186.4

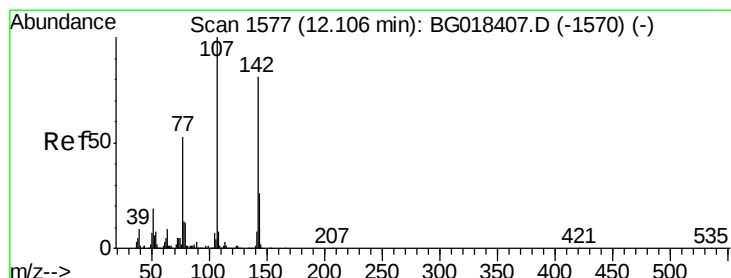
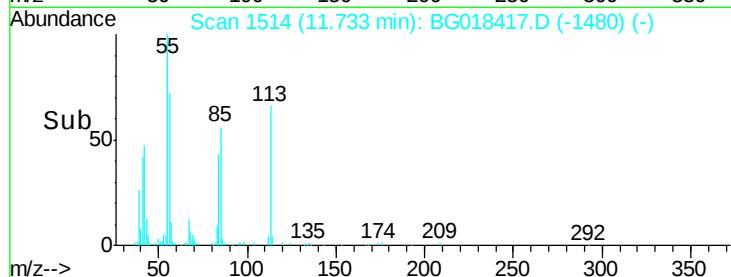
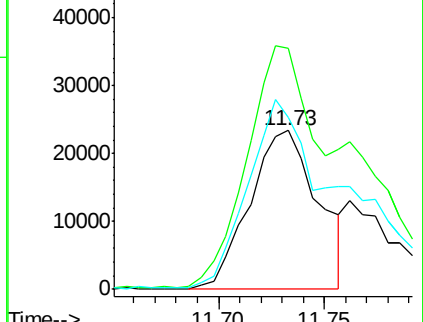
56 108.3 98.2 147.4



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: 22.05 ng/ul

RT: 12.10 min Scan# 1577

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

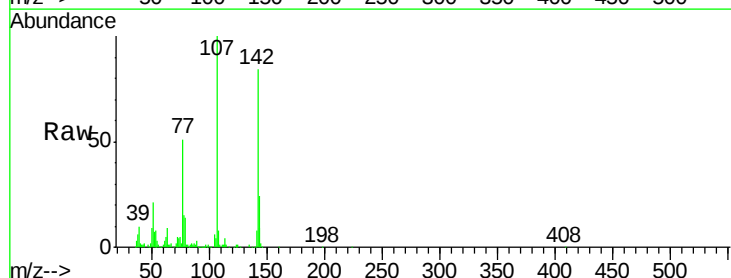
Tgt Ion:107 Resp: 216491

Ion Ratio Lower Upper

107 100

144 24.2 21.4 32.2

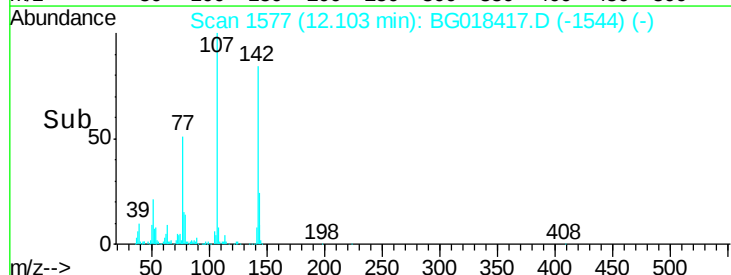
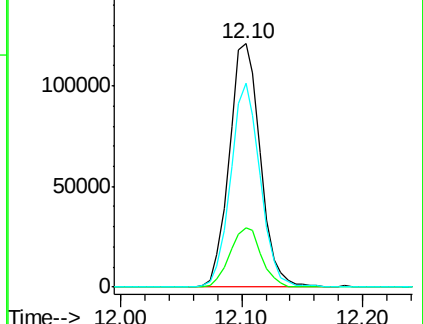
142 83.6 66.0 99.0

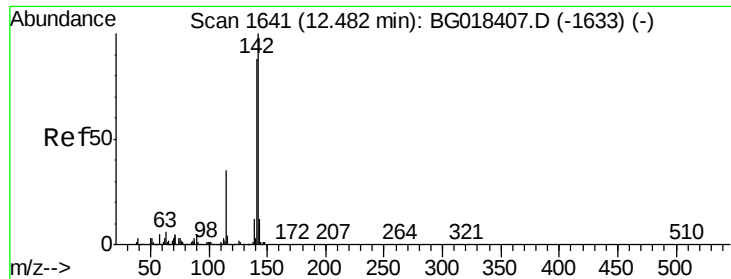


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 21.41 ng/ul

RT: 12.48 min Scan# 1641

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

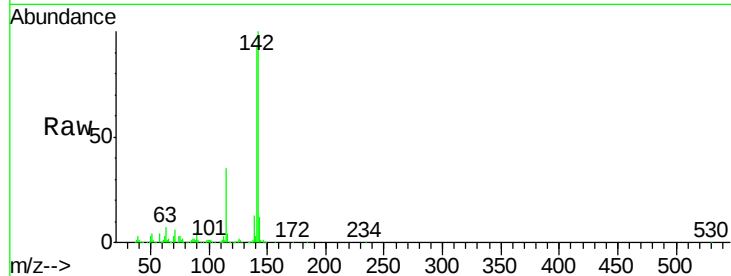
SSTD02095

Tgt Ion:142 Resp: 439877

Ion Ratio Lower Upper

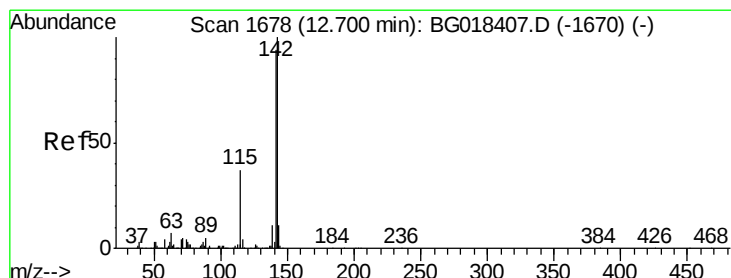
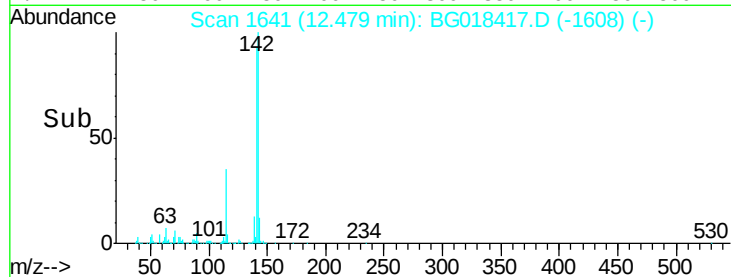
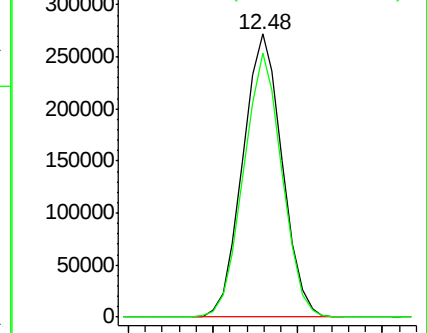
142 100

141 93.4 78.0 117.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#35

1-Methylnaphthalene

Concen: 21.62 ng/ul

RT: 12.70 min Scan# 1678

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

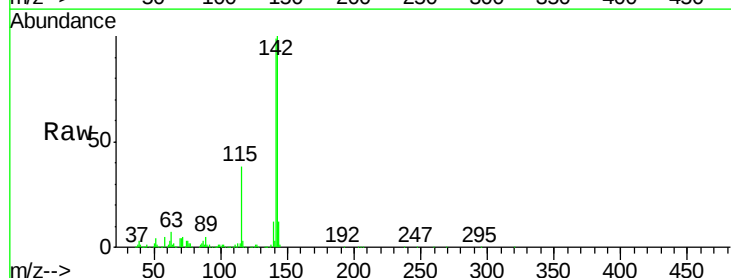
Tgt Ion:142 Resp: 433892

Ion Ratio Lower Upper

142 100

141 98.6 77.1 115.7

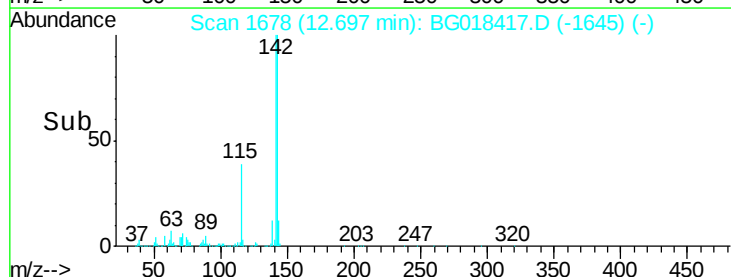
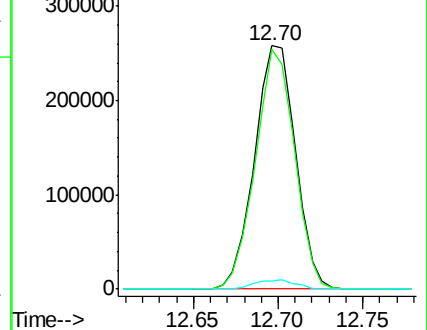
116 3.4 3.5 5.3#

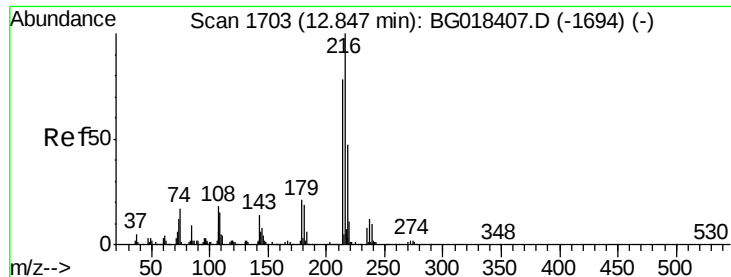


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

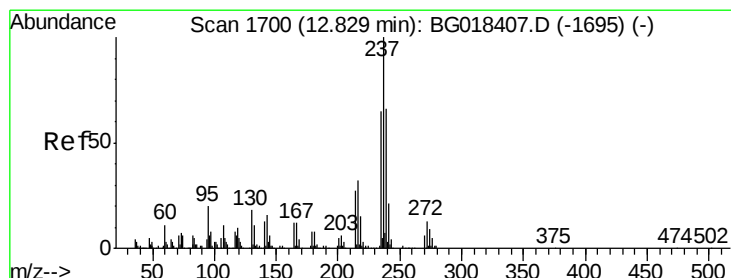
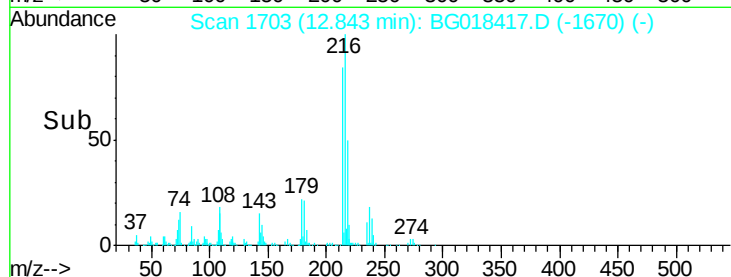
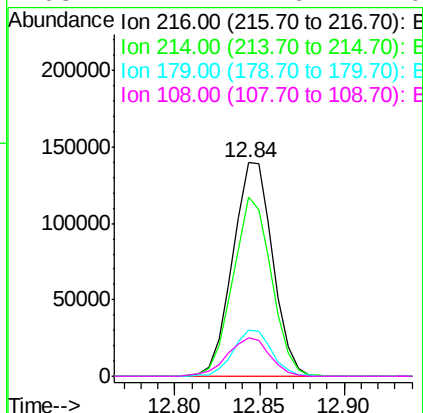
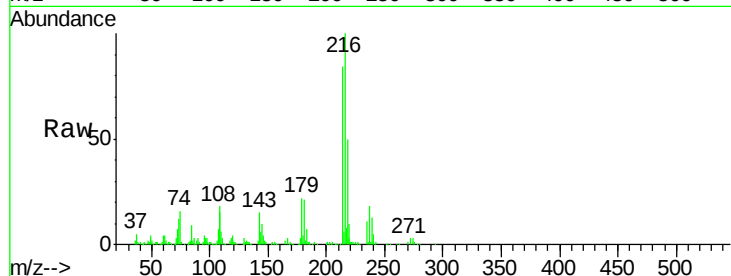




#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.74 ng/ul  
 RT: 12.84 min Scan# 1703  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

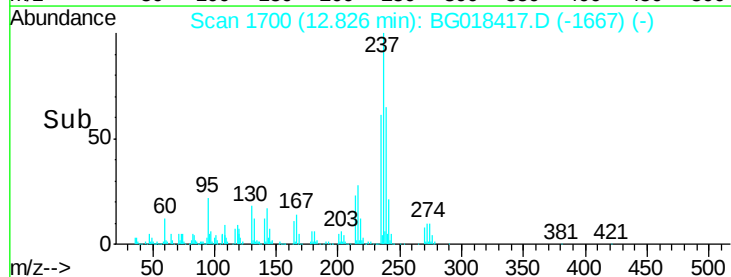
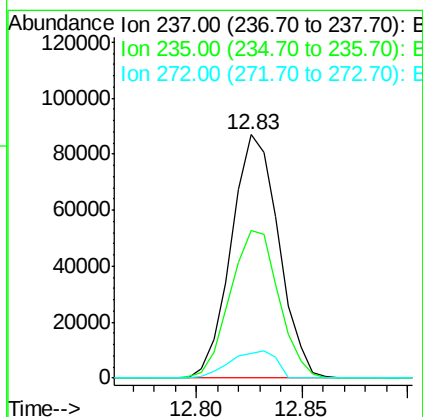
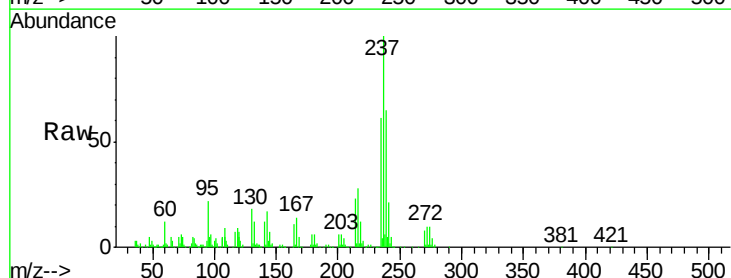
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

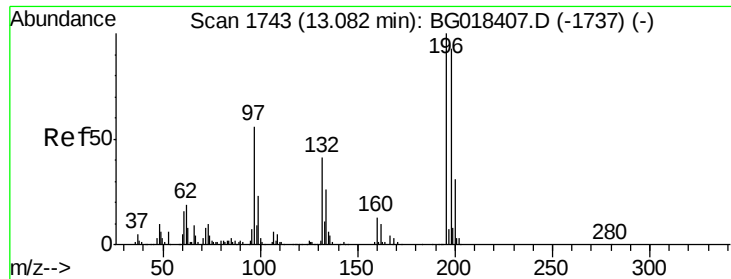
|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 216   | Resp: | 230032 |
| Ion Ratio | Lower | Upper |        |
| 216       | 100   |       |        |
| 214       | 84.0  | 62.5  | 93.7   |
| 179       | 21.6  | 18.2  | 27.2   |
| 108       | 17.7  | 14.6  | 22.0   |



#38  
 Hexachlorocyclopentadiene  
 Concen: 20.46 ng/ul  
 RT: 12.83 min Scan# 1700  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 237   | Resp: | 135117 |
| Ion Ratio | Lower | Upper |        |
| 237       | 100   |       |        |
| 235       | 57.3  | 45.6  | 68.4   |
| 272       | 10.0  | 9.0   | 13.4   |

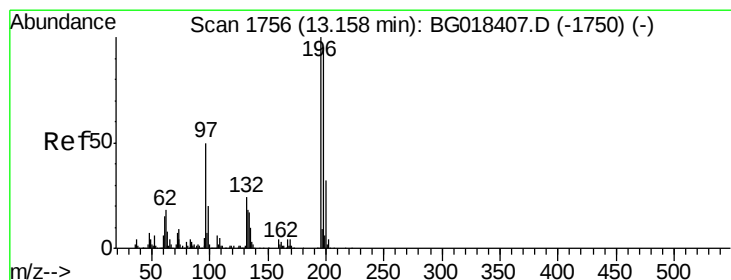
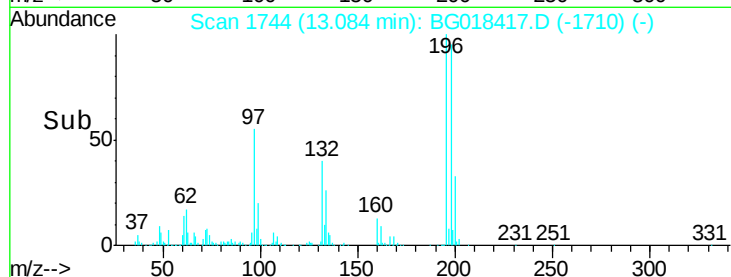
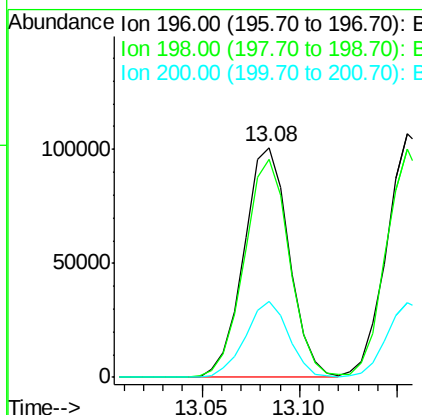
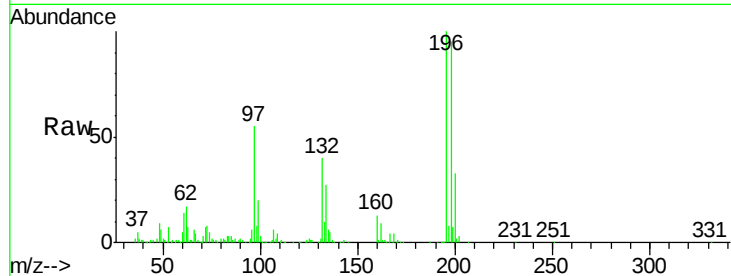




#39  
 2,4,6-Trichlorophenol  
 Concen: 21.14 ng/ul  
 RT: 13.08 min Scan# 1744  
 Delta R.T. 0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

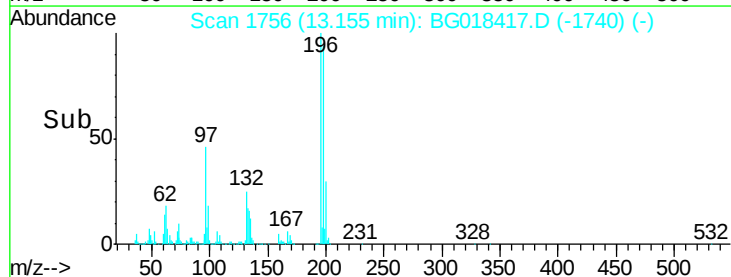
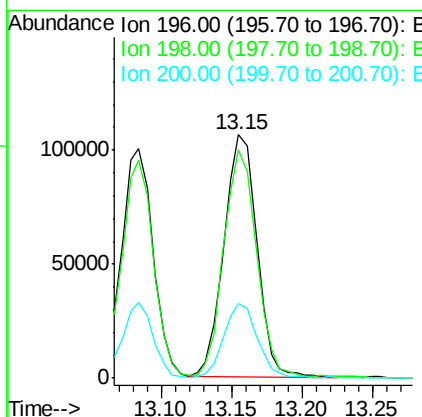
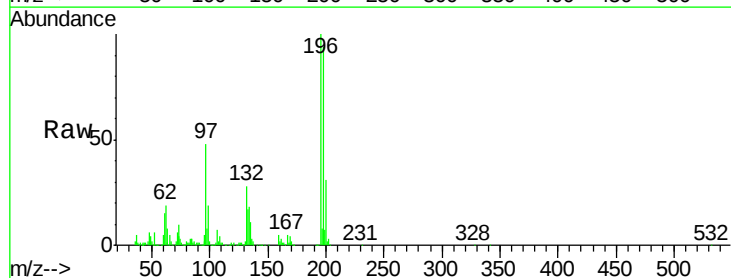
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

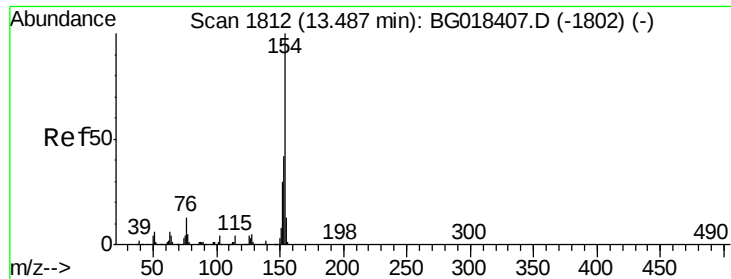
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 94.8  | 78.5  | 117.7 |
| 200     | 33.0  | 25.1  | 37.7  |



#40  
 2,4,5-Trichlorophenol  
 Concen: 21.35 ng/ul  
 RT: 13.15 min Scan# 1756  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 93.5  | 74.2  | 111.4 |
| 200     | 30.8  | 25.2  | 37.8  |





#41

1,1'-Biphenyl

Concen: 20.13 ng/ul

RT: 13.48 min Scan# 1812

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

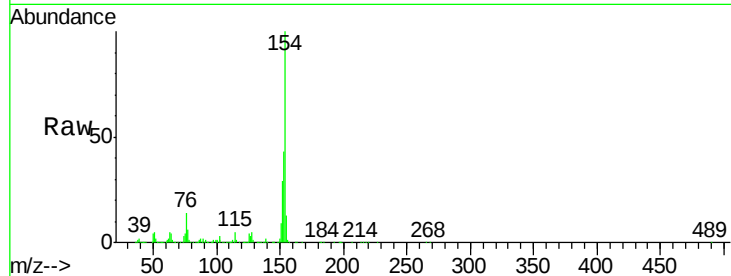
Tgt Ion:154 Resp: 581204

Ion Ratio Lower Upper

154 100

153 42.6 35.2 52.8

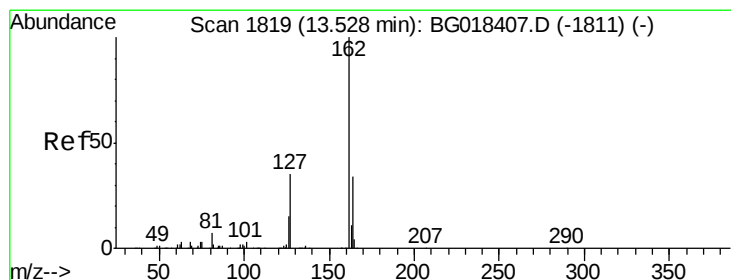
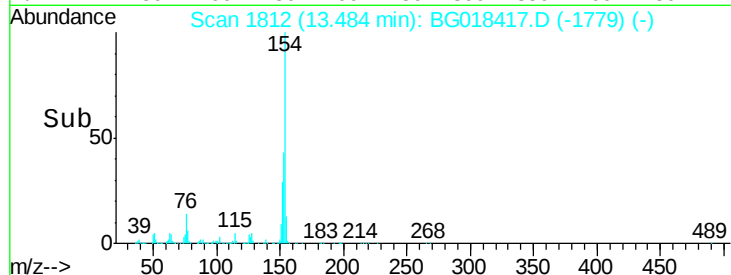
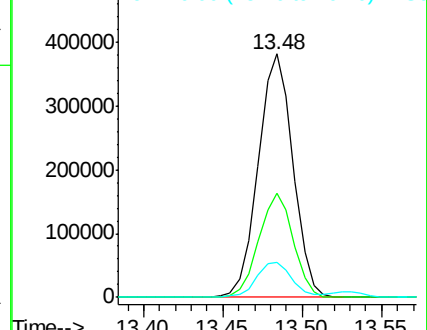
76 14.1 10.6 16.0



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): BGC



#42

2-Chloronaphthalene

Concen: 20.43 ng/ul

RT: 13.52 min Scan# 1819

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

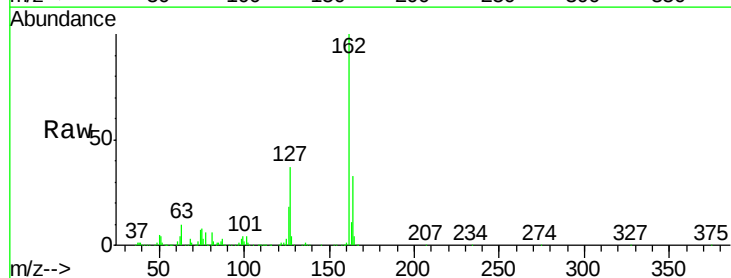
Tgt Ion:162 Resp: 458072

Ion Ratio Lower Upper

162 100

164 32.7 24.8 37.2

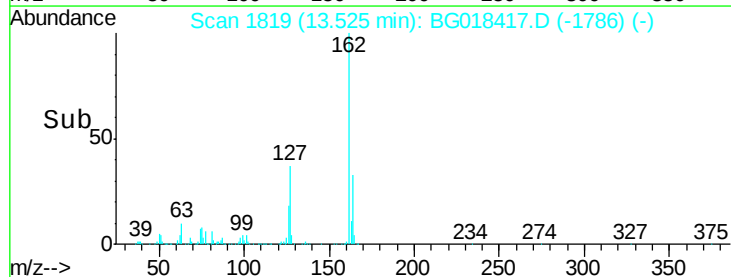
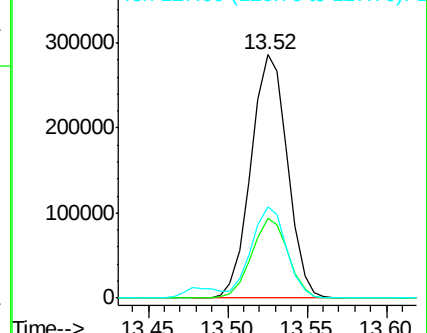
127 37.4 30.3 45.5

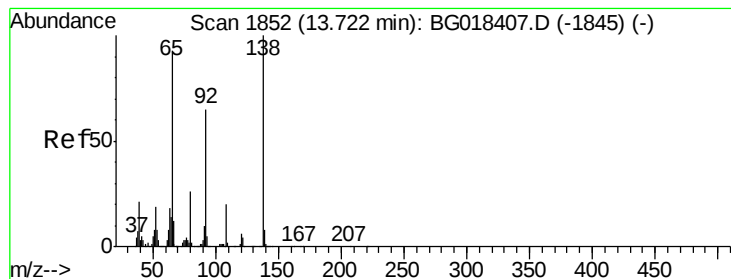


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 127.00 (126.70 to 127.70): E





#43

2-Nitroaniline

Concen: 20.49 ng/ul

RT: 13.72 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

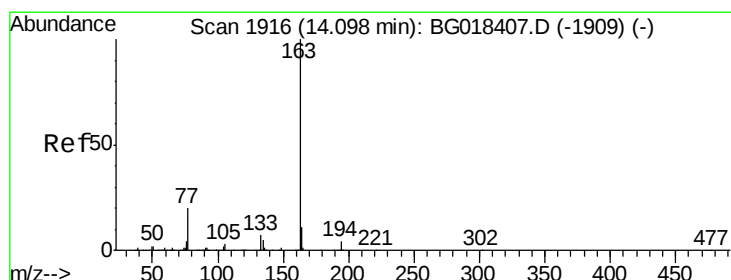
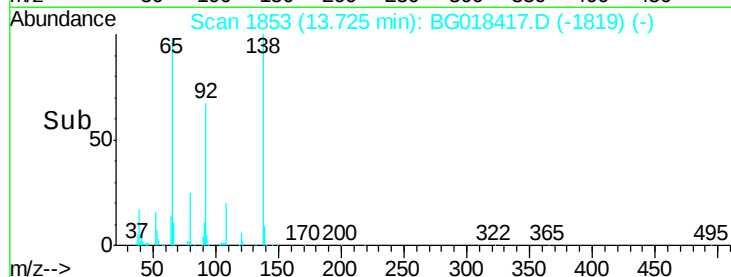
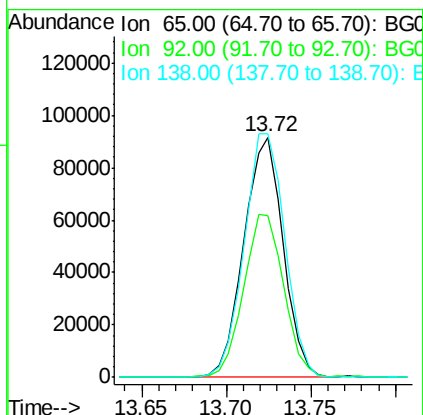
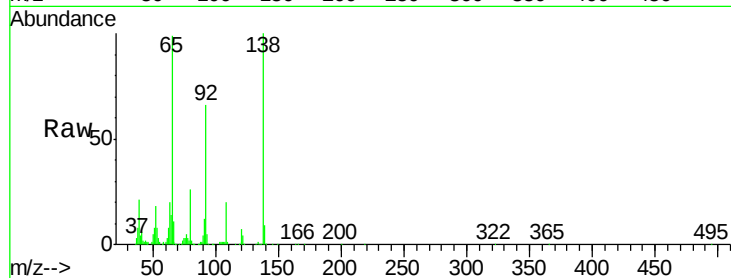
Tgt Ion: 65 Resp: 148330

Ion Ratio Lower Upper

65 100

92 67.4 51.1 76.7

138 101.4 75.1 112.7



#45

Dimethylphthalate

Concen: 20.05 ng/ul

RT: 14.10 min Scan# 1917

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

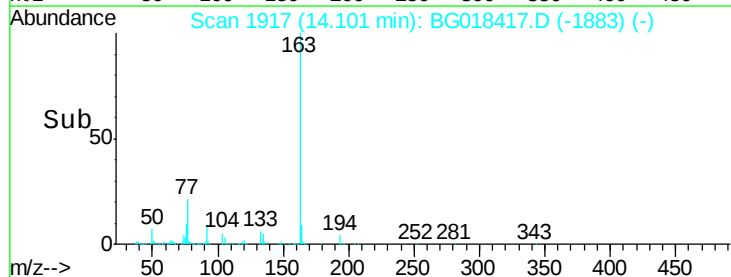
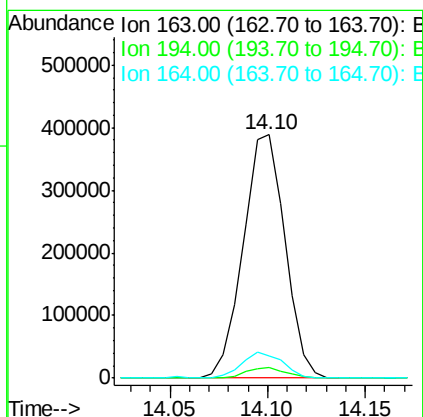
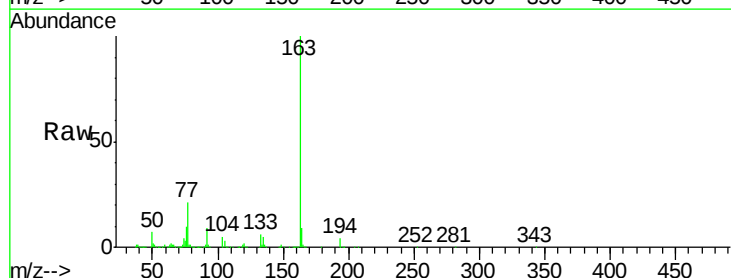
Tgt Ion: 163 Resp: 575646

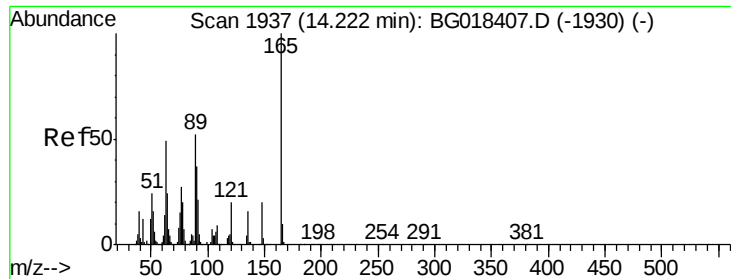
Ion Ratio Lower Upper

163 100

194 4.4 2.9 4.3#

164 9.1 7.7 11.5

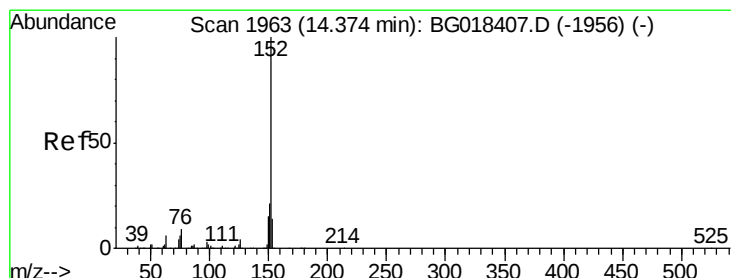
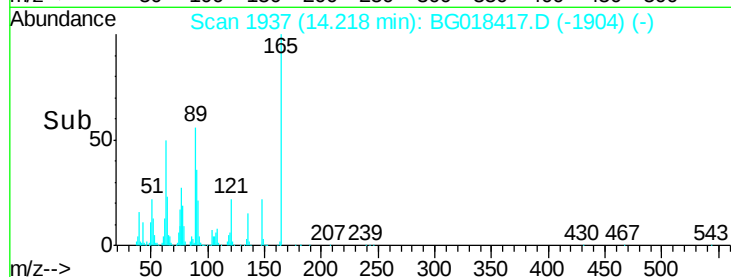
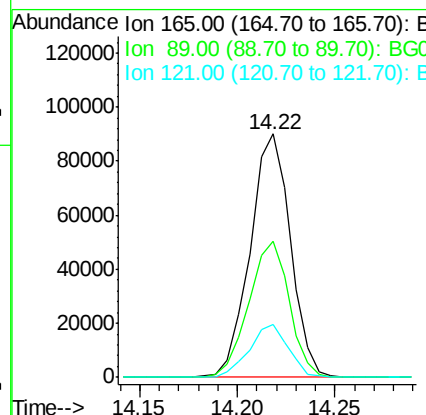
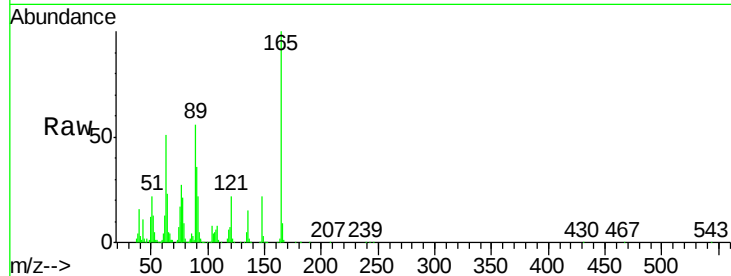




#46  
 2,6-Dinitrotoluene  
 Concen: 22.50 ng/ul  
 RT: 14.22 min Scan# 1937  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

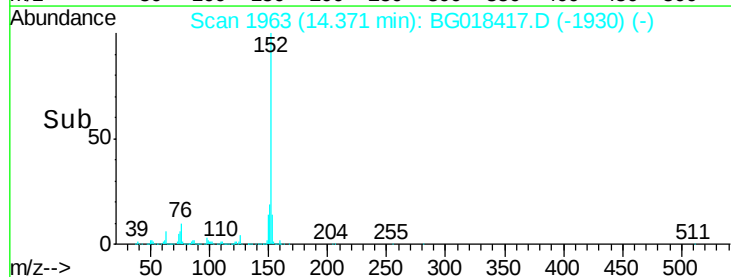
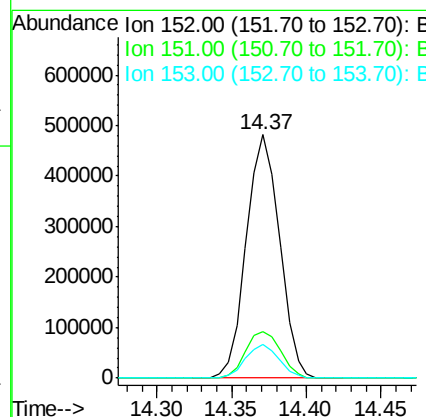
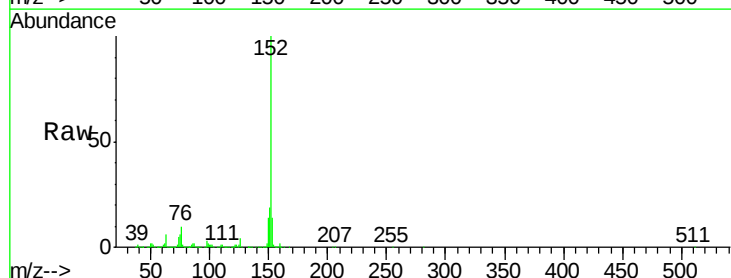
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

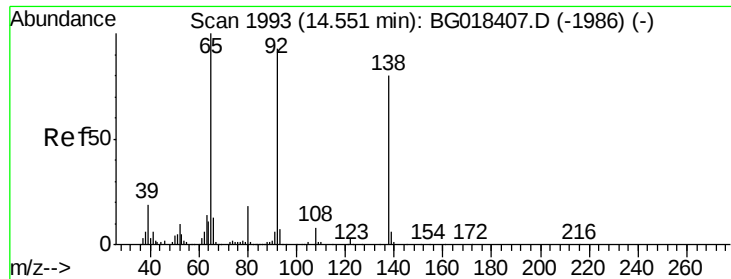
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 55.8  | 50.2  | 75.2  |
| 121     | 21.8  | 19.4  | 29.2  |



#48  
 Acenaphthylene  
 Concen: 20.22 ng/ul  
 RT: 14.37 min Scan# 1963  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.2  | 15.4  | 23.2  |
| 153     | 14.1  | 10.8  | 16.2  |





#49

3-Nitroaniline

Concen: 23.61 ng/ul

RT: 14.54 min Scan# 1992

Delta R.T. -0.01 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

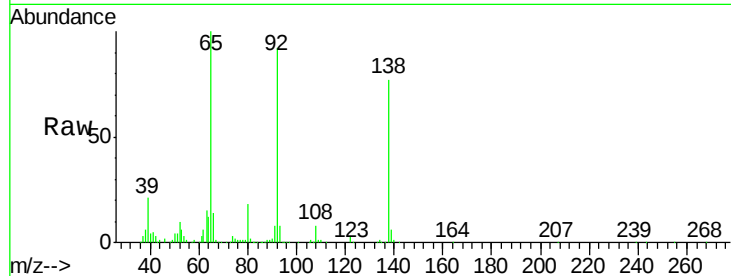
Tgt Ion:138 Resp: 137695

Ion Ratio Lower Upper

138 100

108 10.4 9.4 14.0

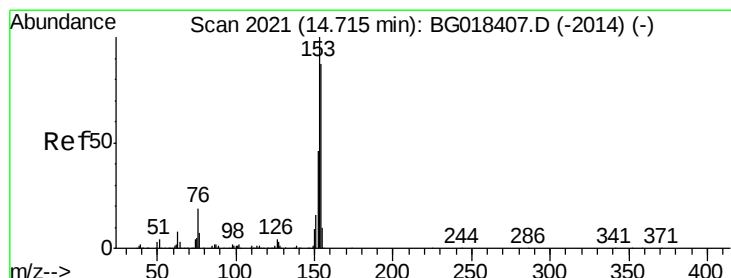
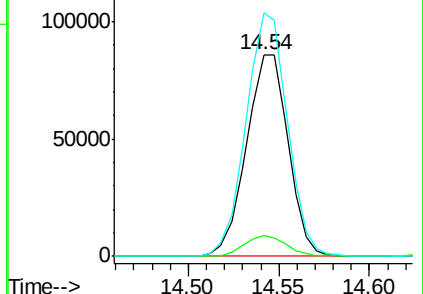
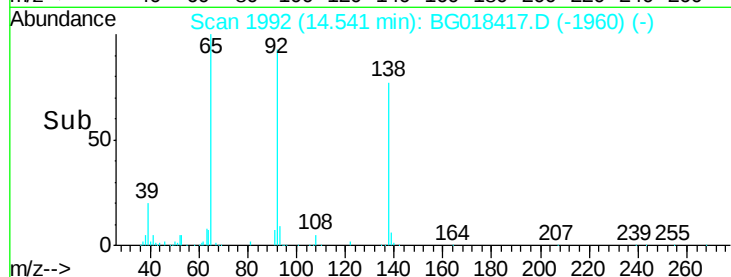
92 120.6 102.8 154.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): B



#50

Acenaphthene

Concen: 20.33 ng/ul

RT: 14.71 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

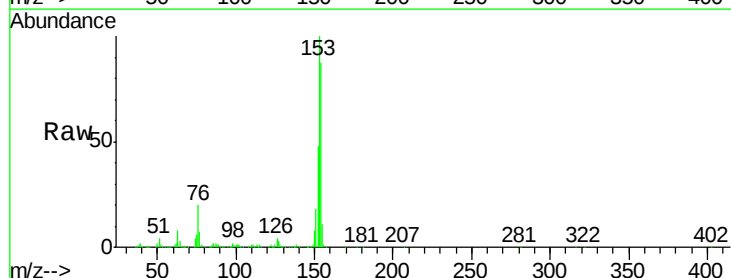
Tgt Ion:153 Resp: 524085

Ion Ratio Lower Upper

153 100

152 48.3 38.2 57.4

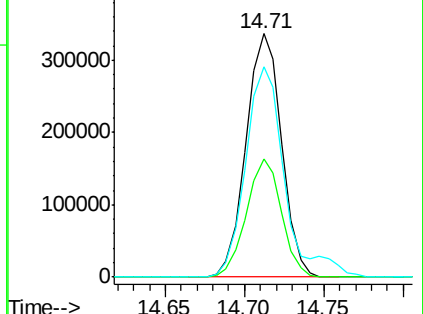
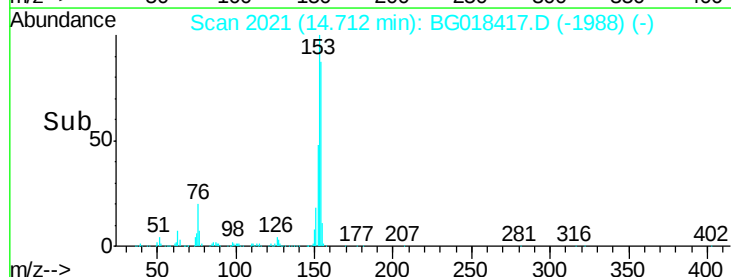
154 86.5 68.6 103.0

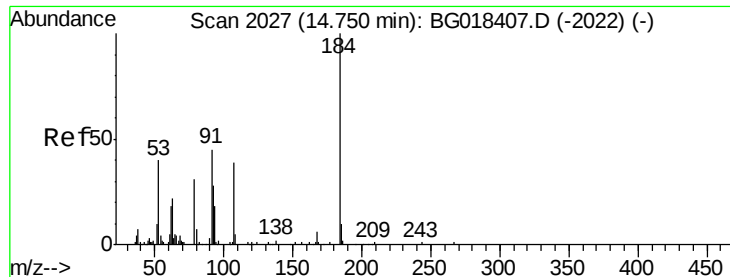


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#51

2,4-Dinitrophenol

Concen: 22.44 ng/ul

RT: 14.75 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

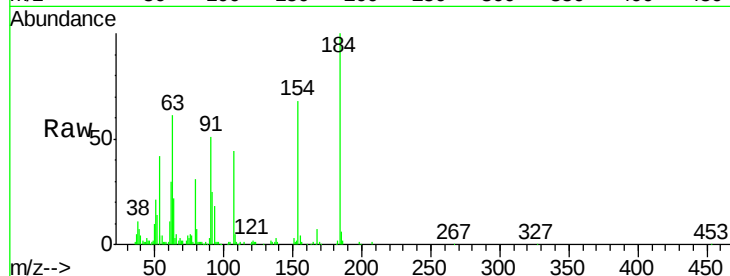
Tgt Ion:184 Resp: 62552

Ion Ratio Lower Upper

184 100

63 61.5 55.3 82.9

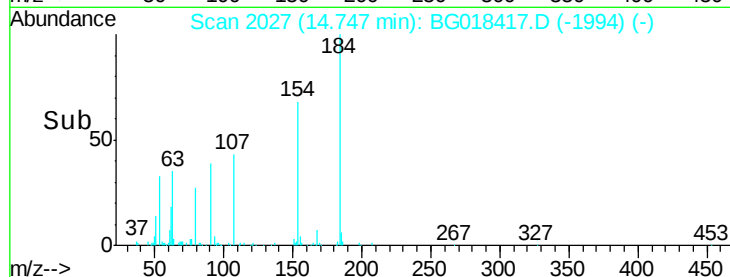
154 68.4 58.2 87.2



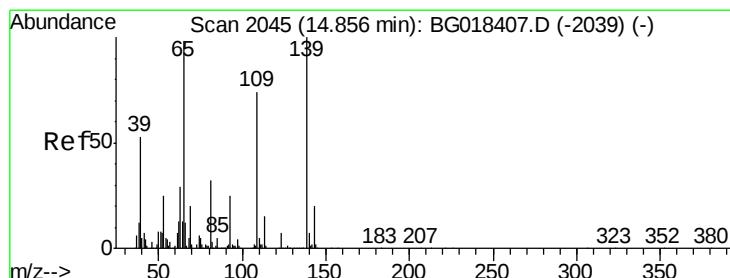
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG018417.D (-1994) (-)

Ion 154.00 (153.70 to 154.70): BG018417.D (-1994) (-)



Time-->



#53

4-Nitrophenol

Concen: 20.03 ng/ul

RT: 14.85 min Scan# 2045

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

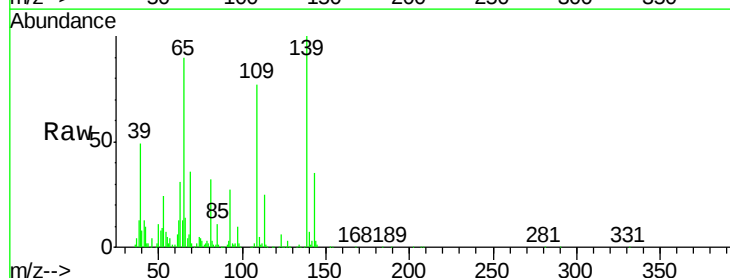
Tgt Ion:109 Resp: 91173

Ion Ratio Lower Upper

109 100

139 130.6 111.3 166.9

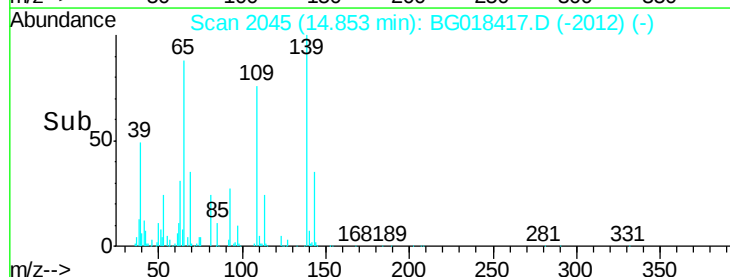
65 117.8 105.3 157.9



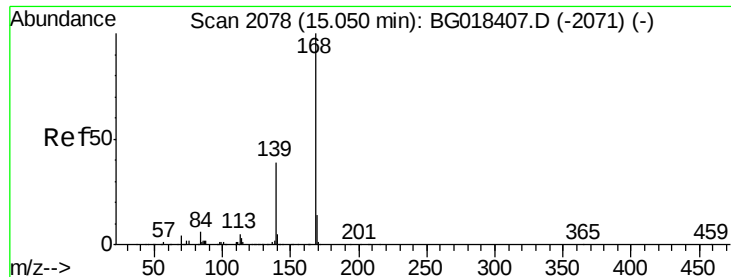
Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): BG018417.D (-2012) (-)

Ion 65.00 (64.70 to 65.70): BG018417.D (-2012) (-)



Time-->



#54

Dibenzenofuran

Concen: 20.53 ng/ul

RT: 15.05 min Scan# 2078

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

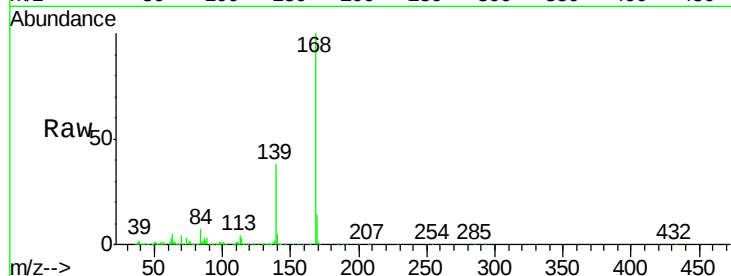
SSTD02095

Tgt Ion:168 Resp: 691793

Ion Ratio Lower Upper

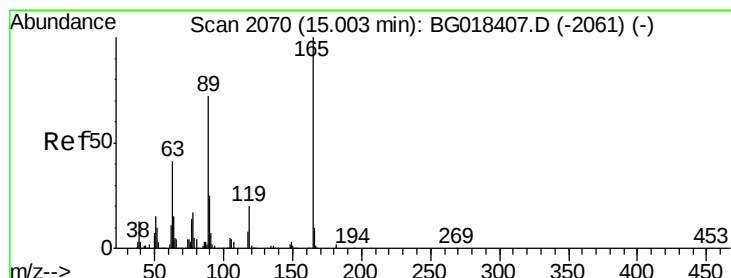
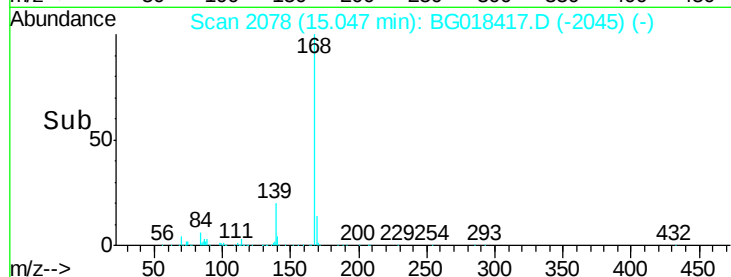
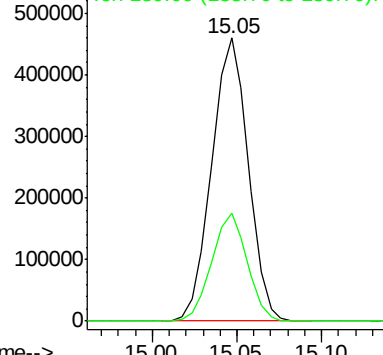
168 100

139 38.2 29.7 44.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 22.28 ng/ul

RT: 15.01 min Scan# 2071

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

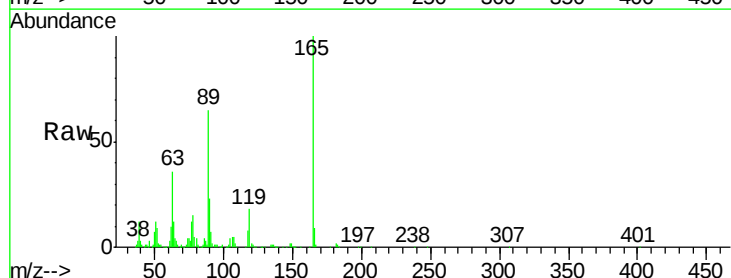
Tgt Ion:165 Resp: 181772

Ion Ratio Lower Upper

165 100

63 36.3 36.7 55.1#

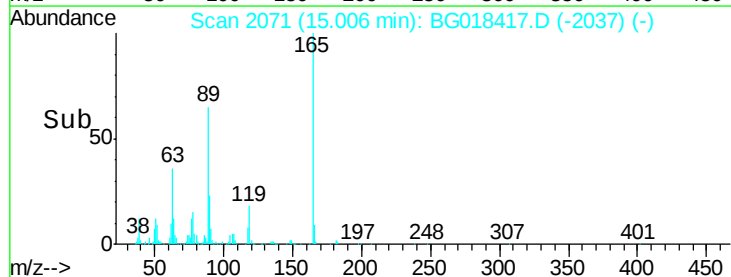
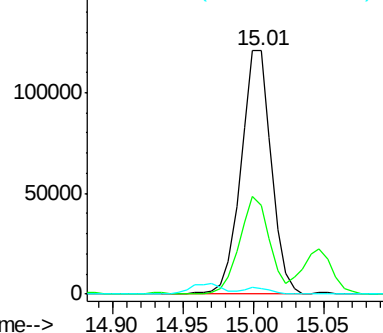
182 2.0 2.2 3.2#

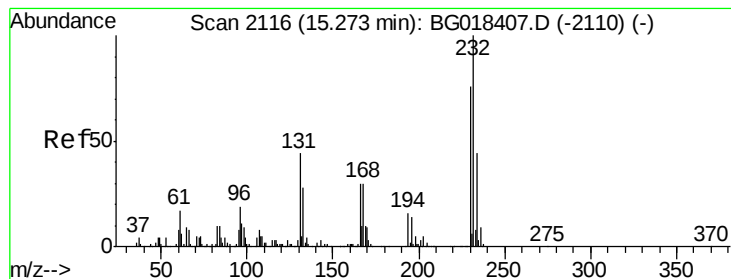


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 182.00 (181.70 to 182.70): E





#56

2,3,4,6-Tetrachlorophenol

Concen: 21.74 ng/ul

RT: 15.27 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

Tgt Ion:232 Resp: 153865

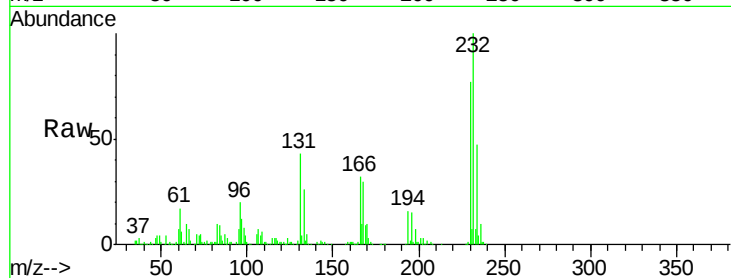
Ion Ratio Lower Upper

232 100

131 42.9 37.4 56.0

130 2.4 1.4 2.0#

166 32.4 25.8 38.8

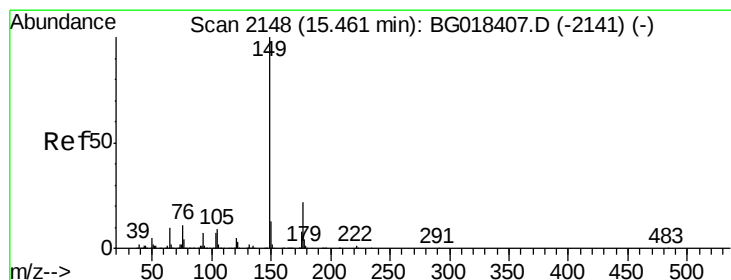
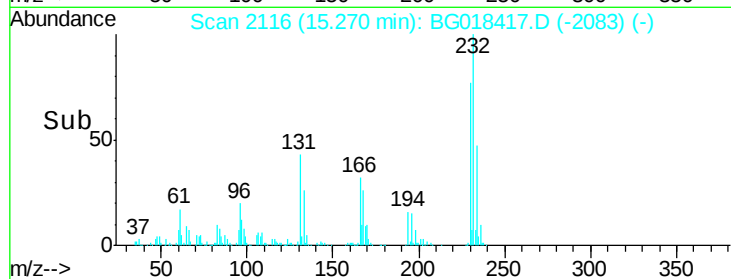
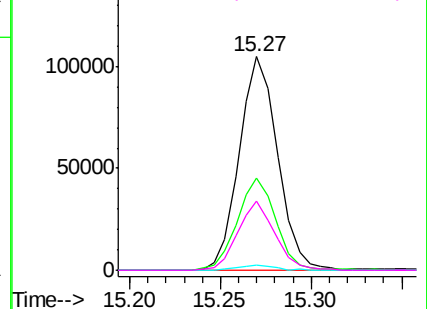


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#57

Diethylphthalate

Concen: 20.23 ng/ul

RT: 15.46 min Scan# 2149

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

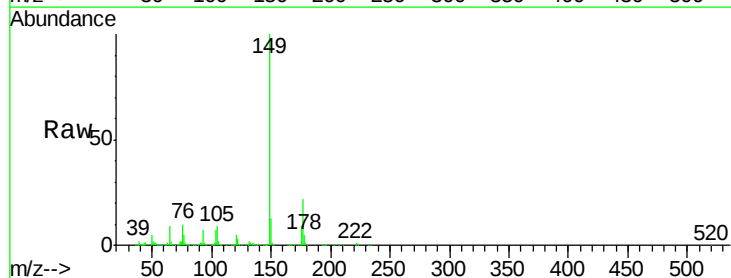
Tgt Ion:149 Resp: 617029

Ion Ratio Lower Upper

149 100

177 22.0 18.2 27.4

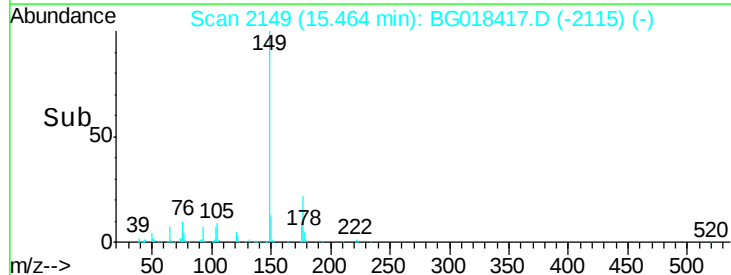
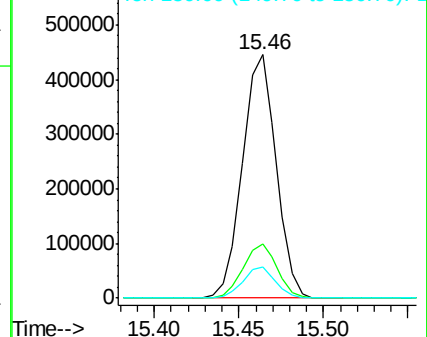
150 12.9 9.7 14.5

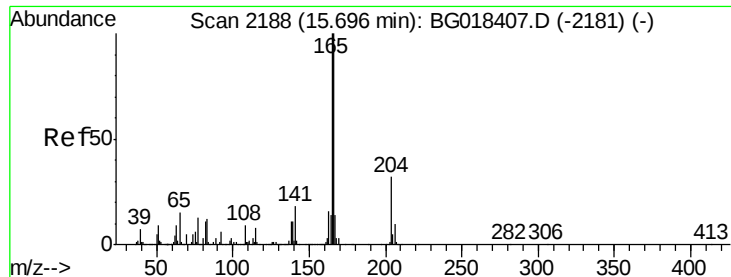


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 20.44 ng/ul

RT: 15.69 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

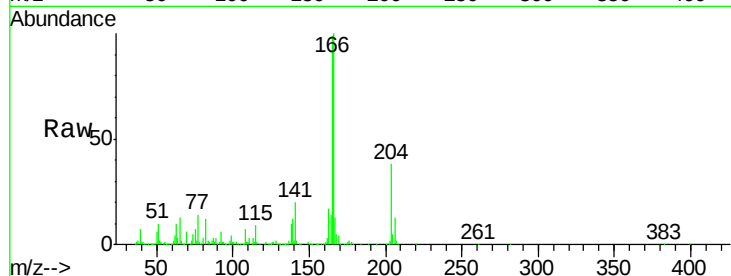
Tgt Ion:166 Resp: 592359

Ion Ratio Lower Upper

166 100

165 99.0 82.6 124.0

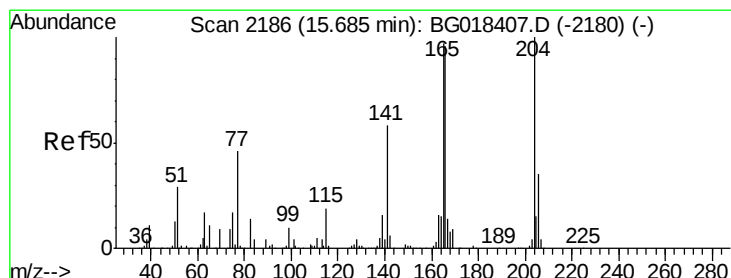
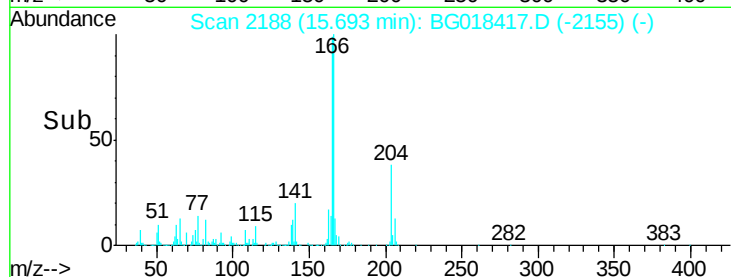
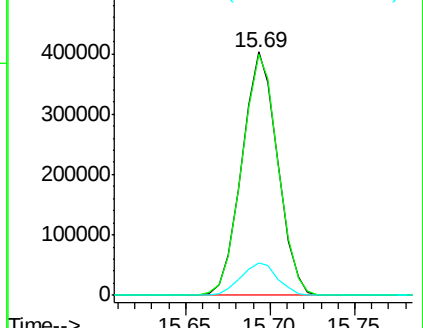
167 13.5 11.4 17.0



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: 21.00 ng/ul

RT: 15.69 min Scan# 2187

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

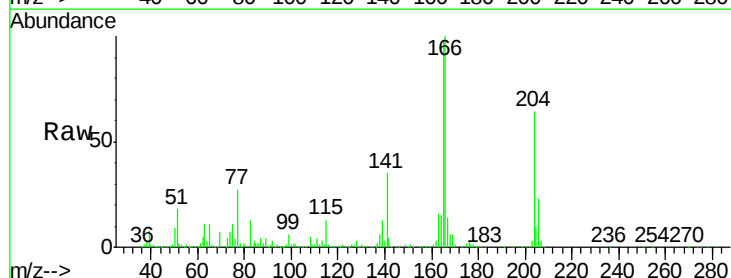
Tgt Ion:204 Resp: 288101

Ion Ratio Lower Upper

204 100

206 36.1 27.1 40.7

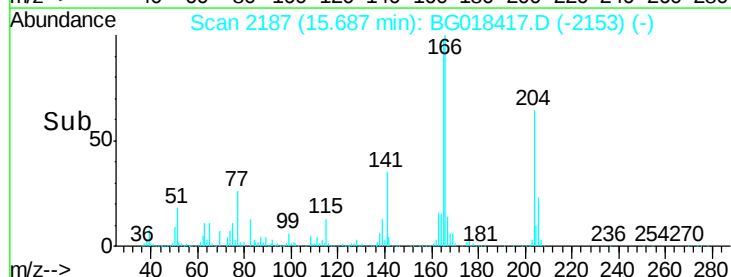
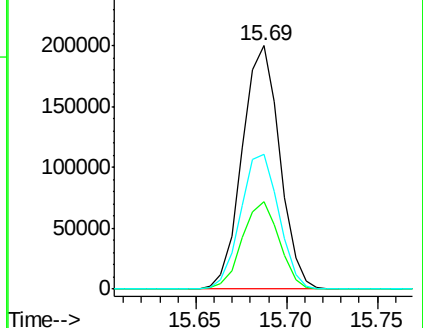
141 55.6 47.1 70.7

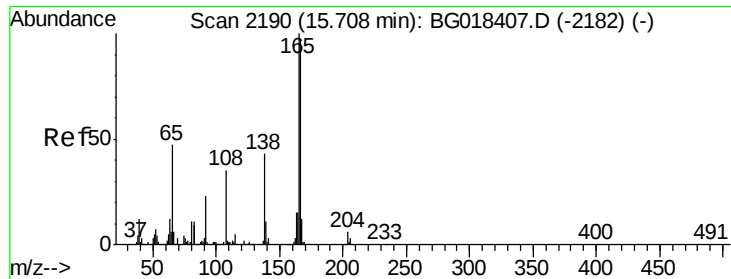


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 21.94 ng/ul

RT: 15.70 min Scan# 2190

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

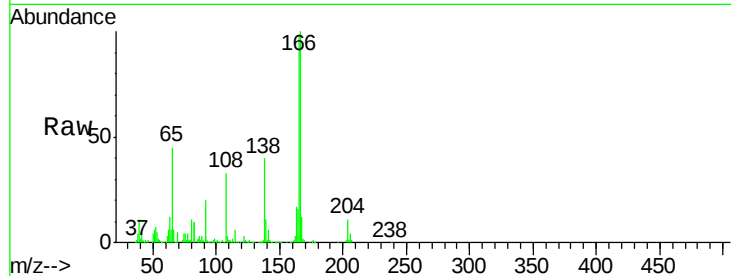
Tgt Ion:138 Resp: 141347

Ion Ratio Lower Upper

138 100

92 51.2 44.0 66.0

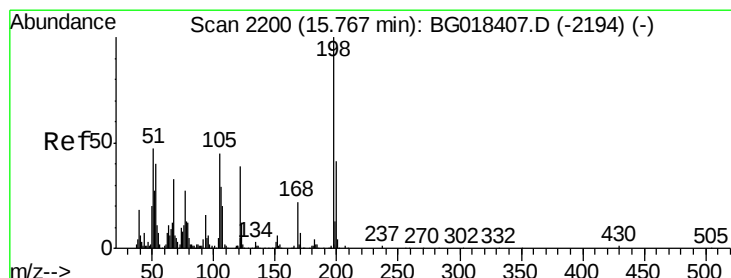
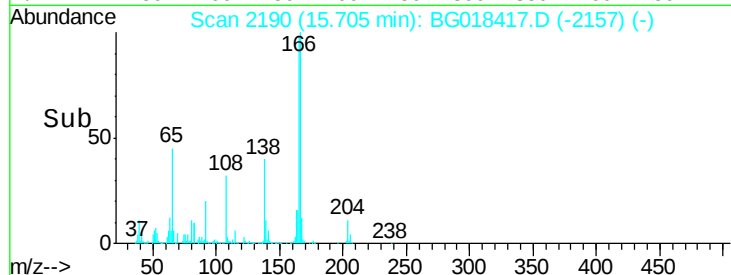
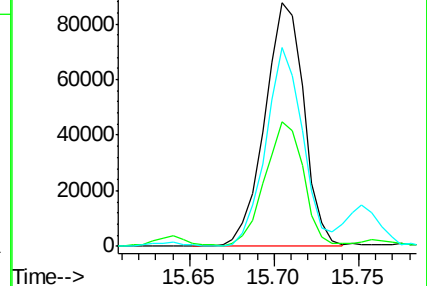
108 81.6 64.6 97.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E



#64

4,6-Dinitro-2-methylphenol

Concen: 24.21 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

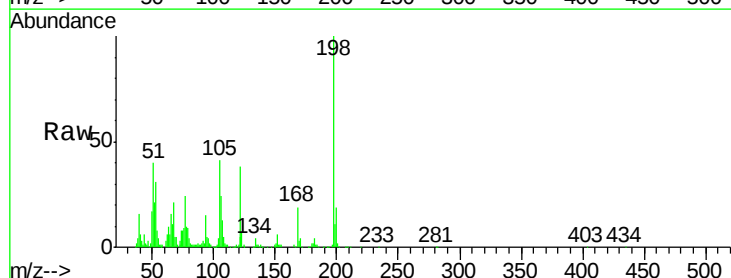
Tgt Ion:198 Resp: 104692

Ion Ratio Lower Upper

198 100

182 4.1 3.4 5.0

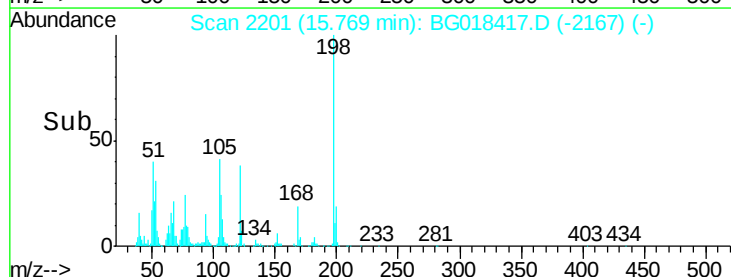
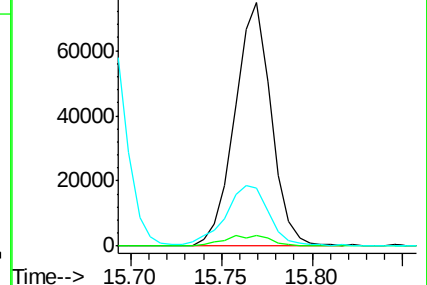
77 24.0 22.4 33.6

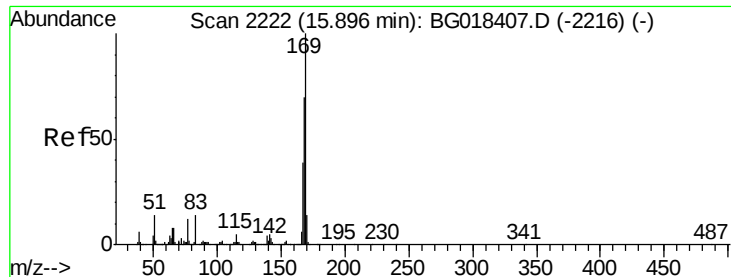


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 77.00 (76.70 to 77.70): BG





#65

N-Nitrosodiphenylamine

Concen: 20.74 ng/ul

RT: 15.90 min Scan# 2223

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

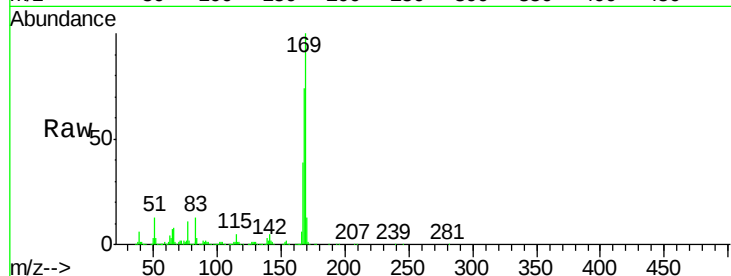
BNA\_M

ClientSampleId :

SSTD02095

Tgt Ion:169 Resp: 514227

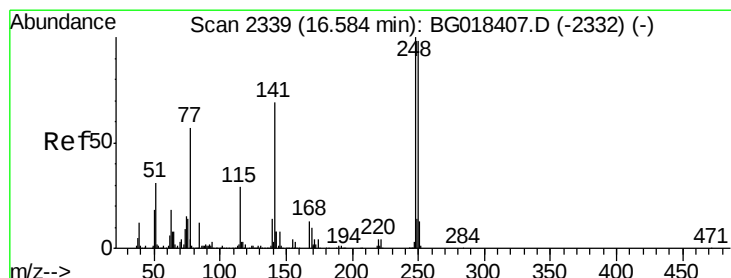
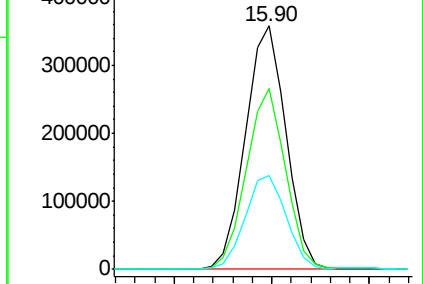
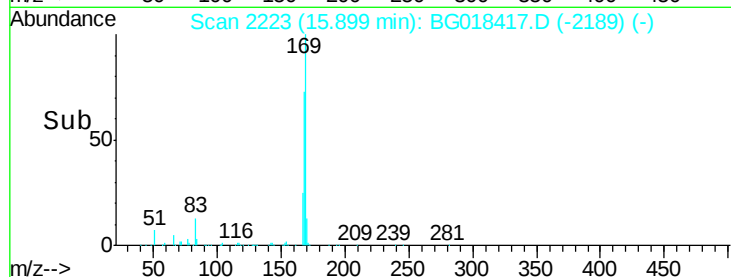
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 169 | 100   |       |       |
| 168 | 74.3  | 60.2  | 90.2  |
| 167 | 38.6  | 33.4  | 50.2  |



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 20.90 ng/ul

RT: 16.58 min Scan# 2339

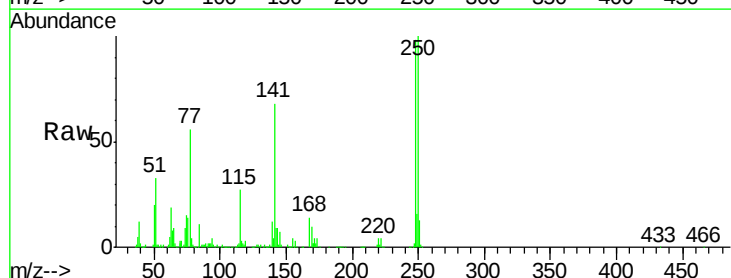
Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Tgt Ion:248 Resp: 186331

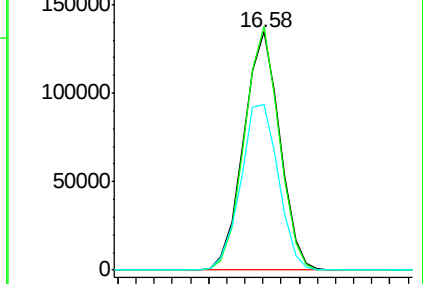
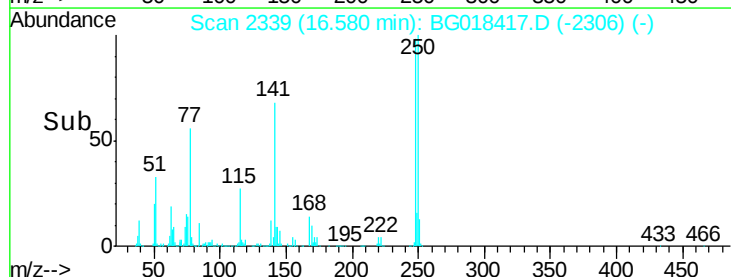
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 102.1 | 76.4  | 114.6 |
| 141 | 69.2  | 58.6  | 87.8  |

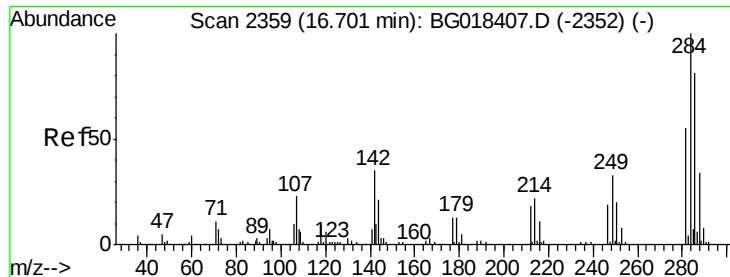


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

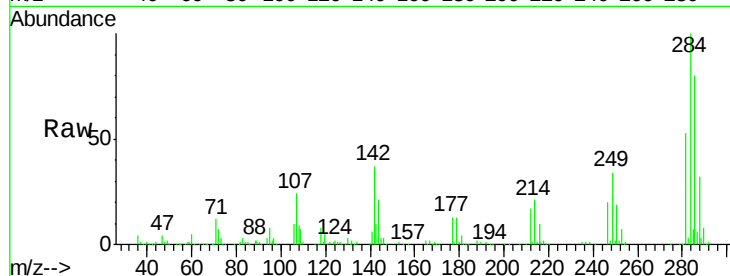




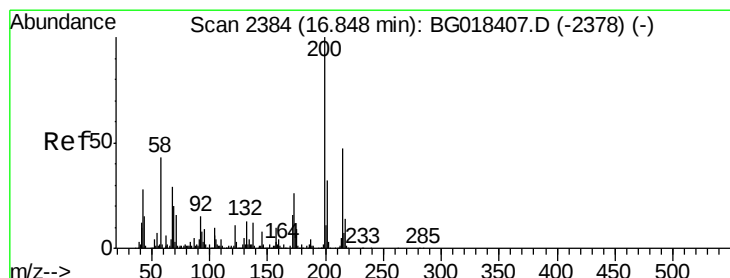
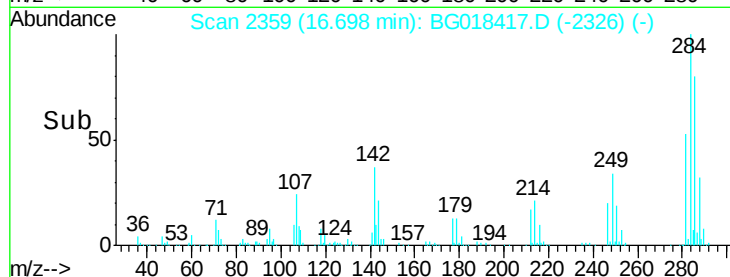
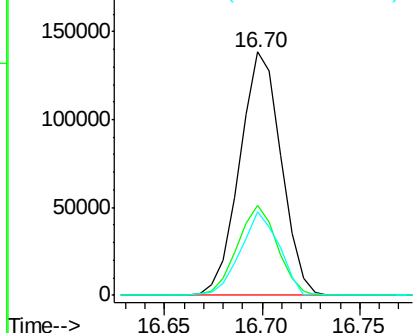
#67  
Hexachlorobenzene  
Concen: 21.61 ng/ul  
RT: 16.70 min Scan# 2359  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.7  | 28.6  | 42.8  |
| 249     | 34.4  | 26.2  | 39.4  |

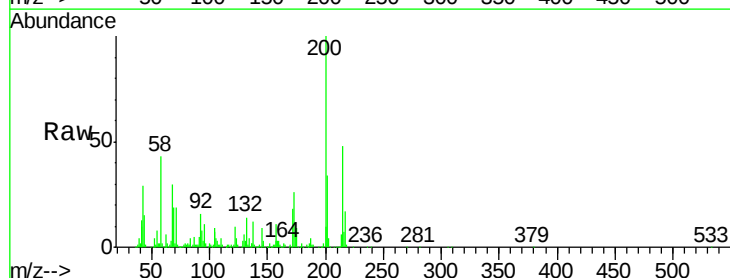


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

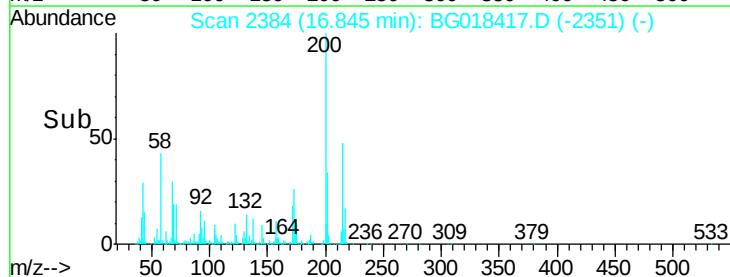
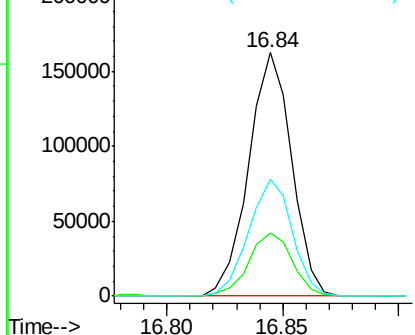


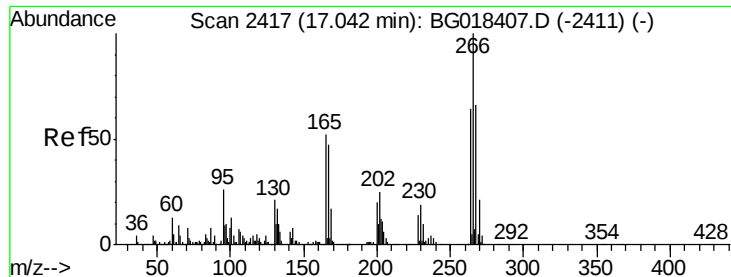
#68  
Atrazine  
Concen: 22.72 ng/ul  
RT: 16.84 min Scan# 2384  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.7  | 19.0  | 28.4  |
| 215     | 48.1  | 37.4  | 56.2  |



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 20.28 ng/ul

RT: 17.04 min Scan# 2417

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

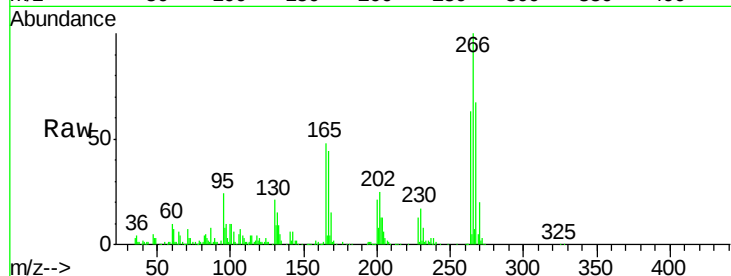
Tgt Ion:266 Resp: 128006

Ion Ratio Lower Upper

266 100

264 62.6 55.4 83.0

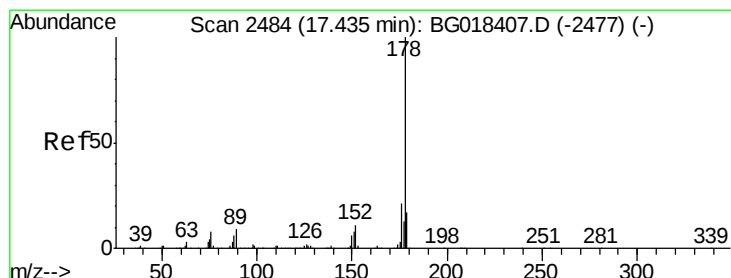
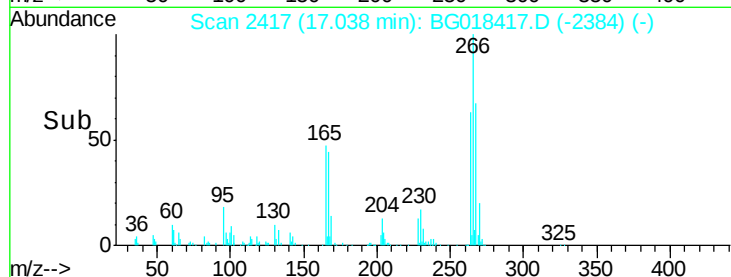
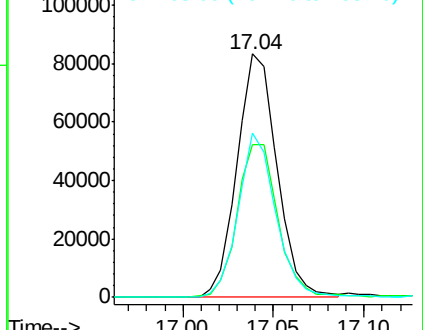
268 71.8 53.6 80.4



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70

Phenanthrene

Concen: 20.59 ng/ul

RT: 17.43 min Scan# 2484

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

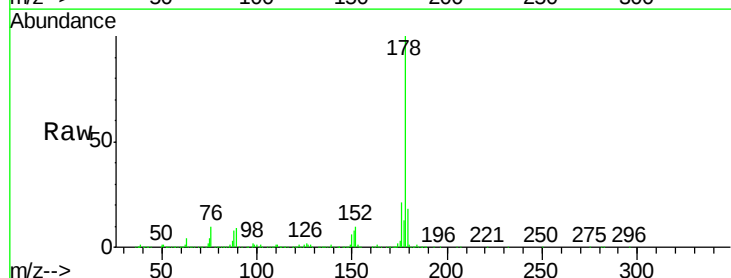
Tgt Ion:178 Resp: 920601

Ion Ratio Lower Upper

178 100

179 17.7 13.7 20.5

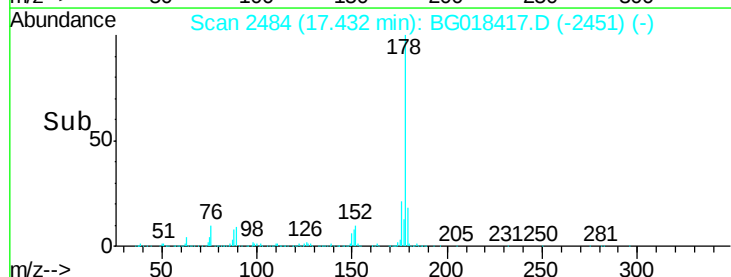
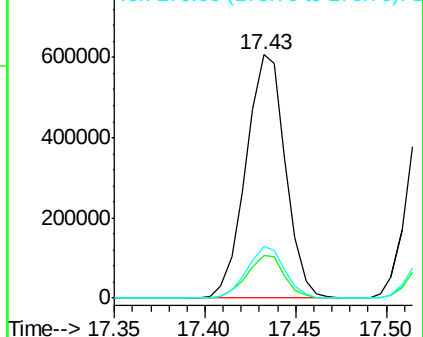
176 21.4 16.6 24.8

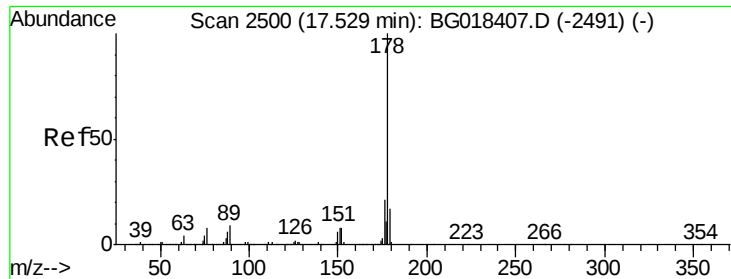


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 20.81 ng/uL

RT: 17.53 min Scan# 2500

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

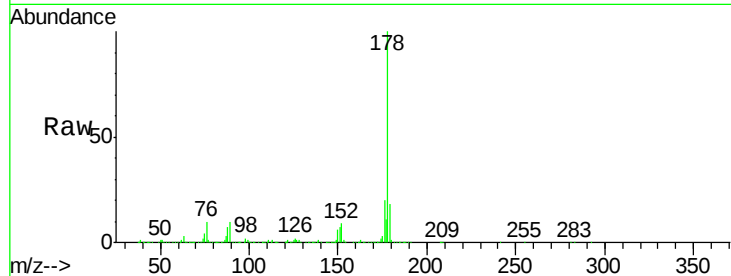
Tgt Ion:178 Resp: 948280

Ion Ratio Lower Upper

178 100

179 17.8 13.0 19.4

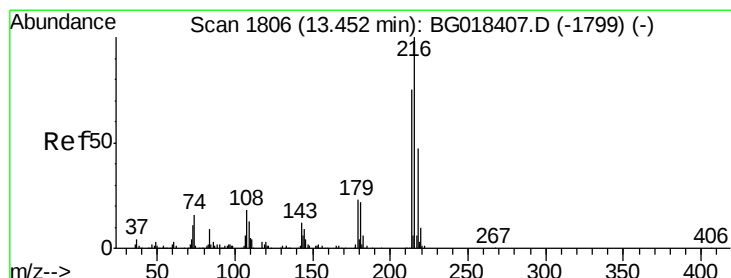
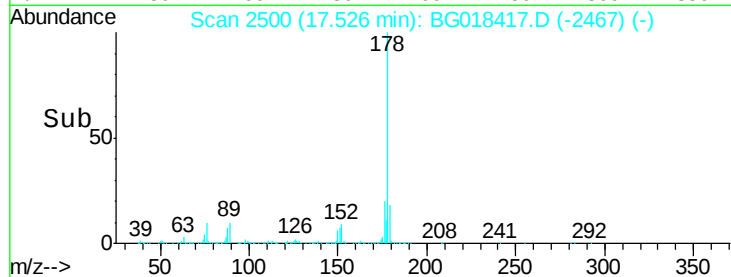
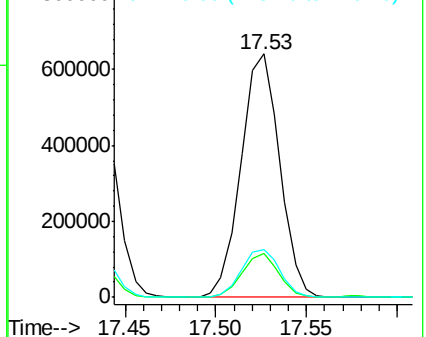
176 19.6 16.0 24.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 21.15 ng/uL

RT: 13.45 min Scan# 1806

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

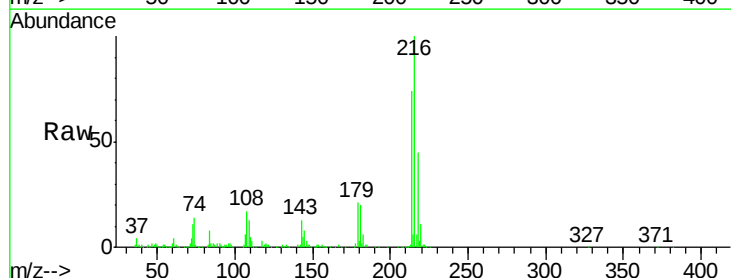
Tgt Ion:216 Resp: 241242

Ion Ratio Lower Upper

216 100

214 74.3 64.0 96.0

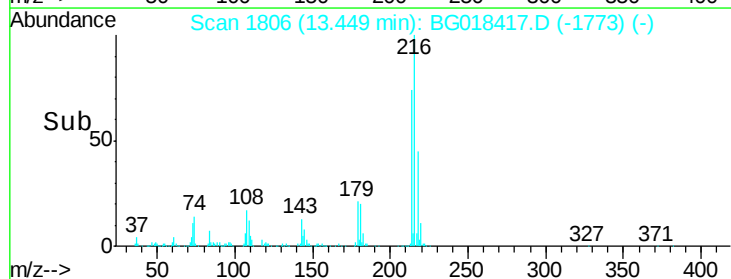
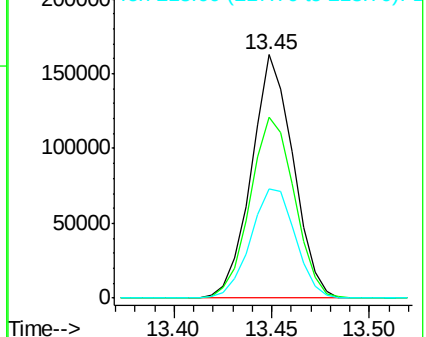
218 48.2 38.7 58.1

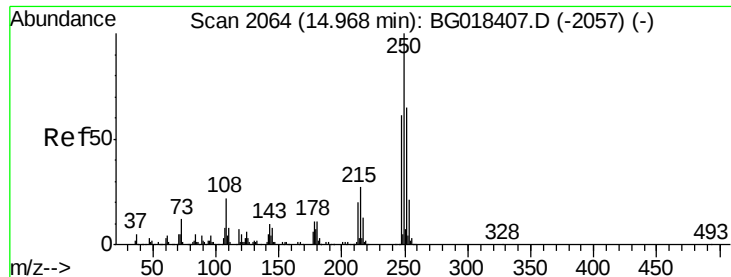


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 20.94 ng/uL

RT: 14.96 min Scan# 2064

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

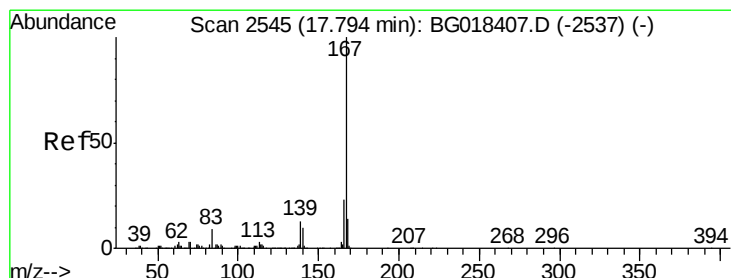
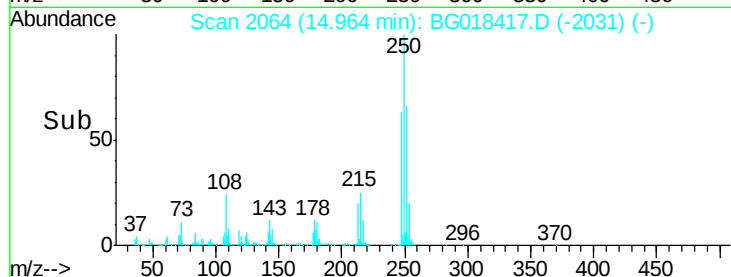
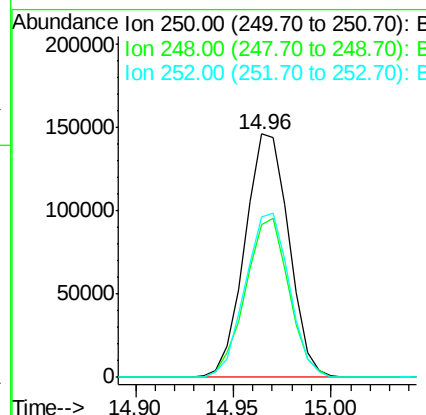
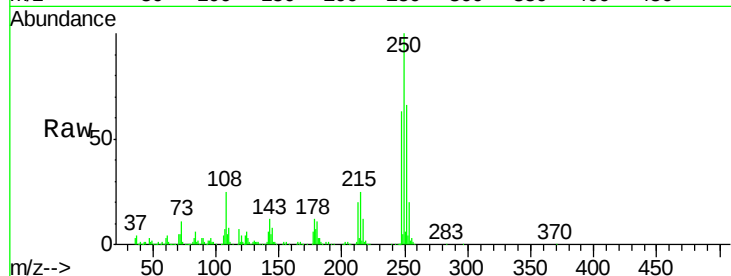
Instrument :

BNA\_M

ClientSampleId :

SSTD02095

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 250   | Resp: | 228060 |
| Ion Ratio | Lower | Upper |        |
| 250       | 100   |       |        |
| 248       | 63.8  | 45.8  | 68.8   |
| 252       | 66.3  | 50.4  | 75.6   |



#75

Carbazole

Concen: 22.81 ng/uL

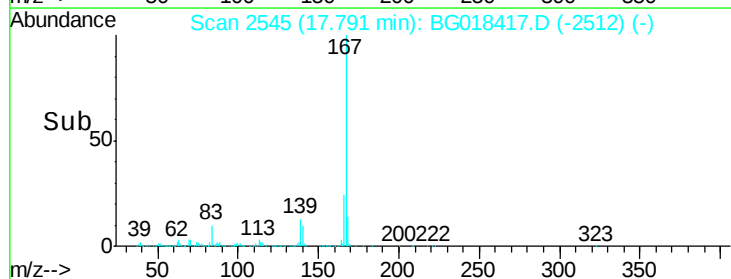
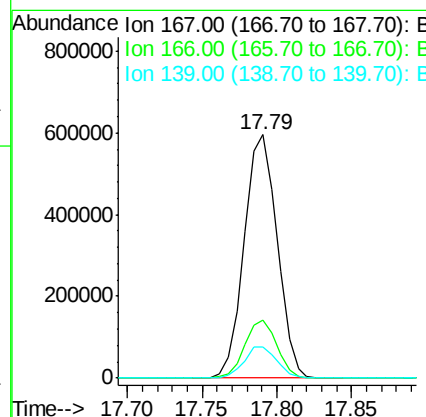
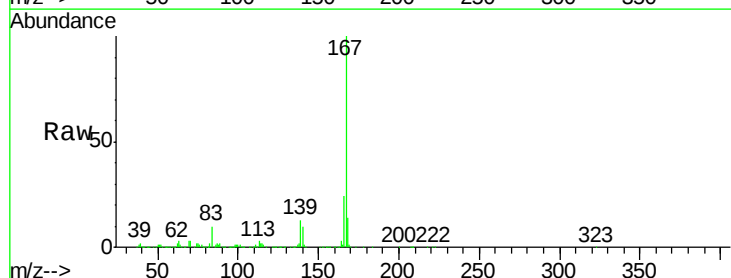
RT: 17.79 min Scan# 2545

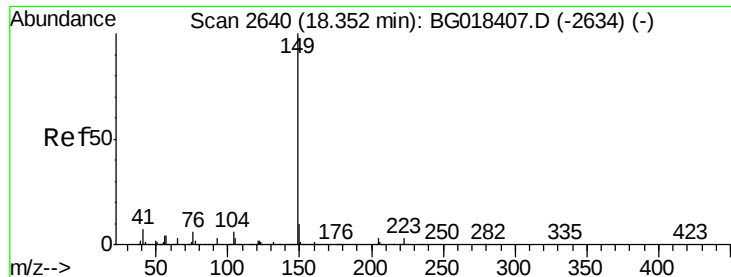
Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 167   | Resp: | 911309 |
| Ion Ratio | Lower | Upper |        |
| 167       | 100   |       |        |
| 166       | 24.0  | 18.9  | 28.3   |
| 139       | 12.7  | 10.1  | 15.1   |

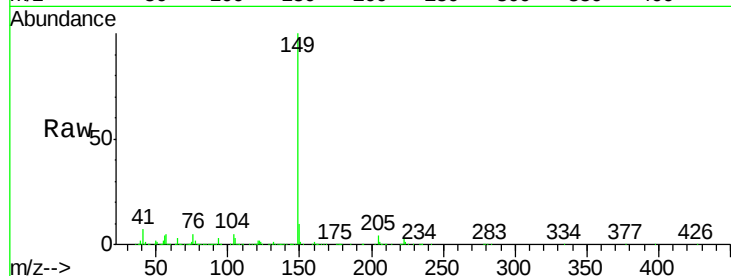




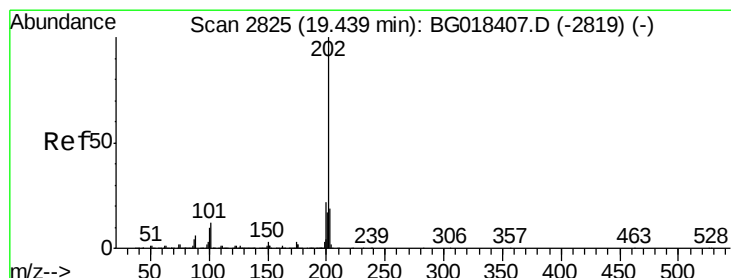
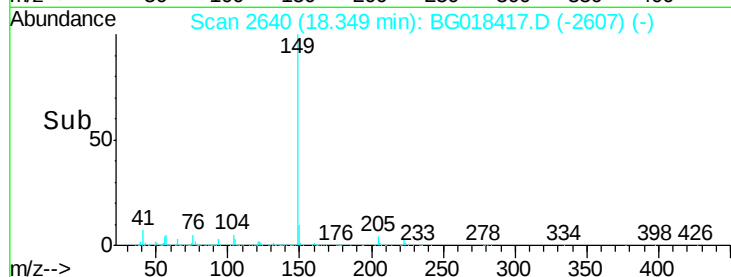
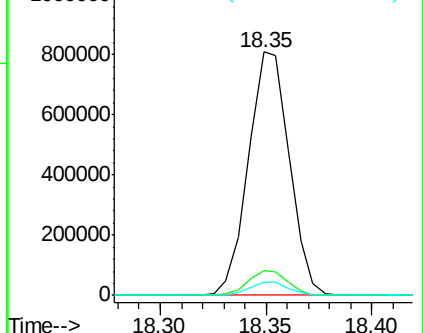
#76  
Di-n-butylphthalate  
Concen: 20.89 ng/ul  
RT: 18.35 min Scan# 2640  
Delta R.T. -0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02095

Tgt Ion:149 Resp: 1090365  
Ion Ratio Lower Upper  
149 100  
150 10.0 7.5 11.3  
104 5.5 4.3 6.5

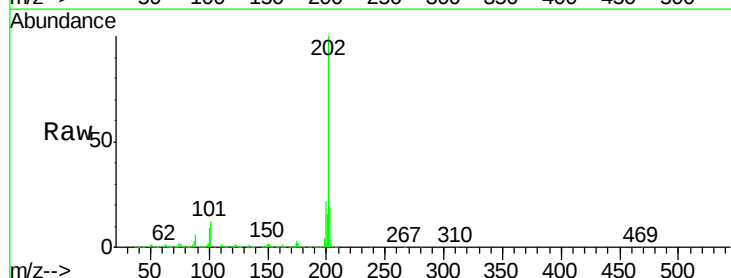


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 104.00 (103.70 to 104.70): E

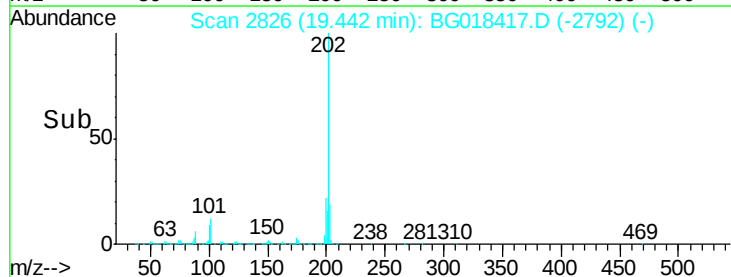
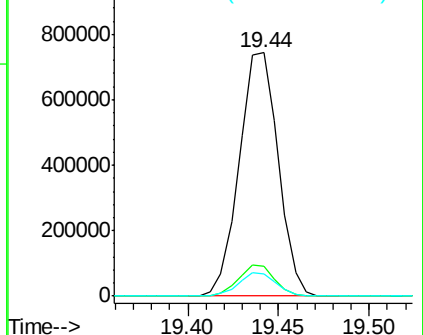


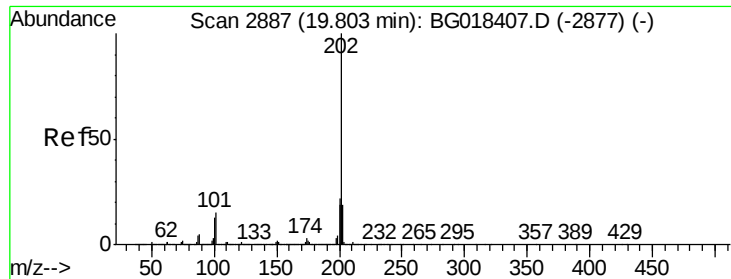
#77  
Fluoranthene  
Concen: 23.25 ng/ul  
RT: 19.44 min Scan# 2826  
Delta R.T. 0.00 min  
Lab File: BG018417.D  
Acq: 13 Aug 2015 3:27

Tgt Ion:202 Resp: 1110652  
Ion Ratio Lower Upper  
202 100  
101 12.1 9.7 14.5  
100 9.3 7.8 11.8



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

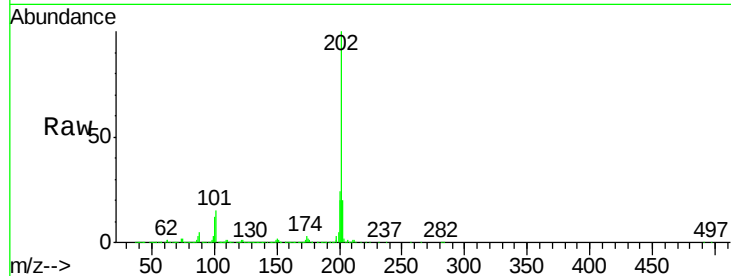




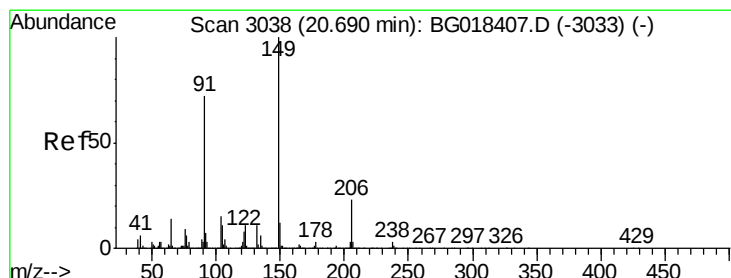
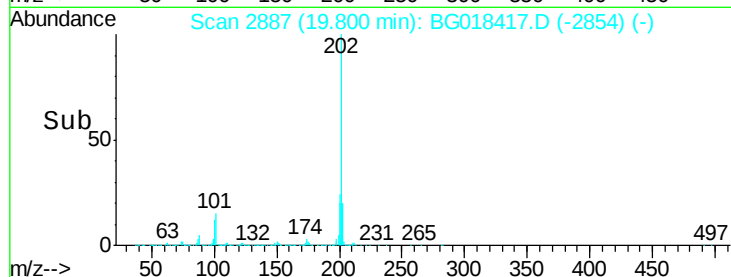
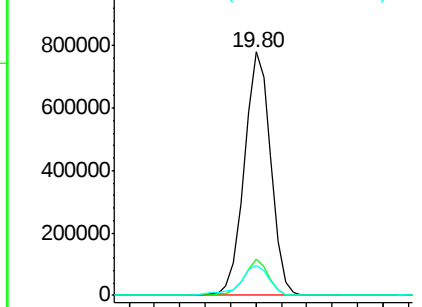
#80  
 Pyrene  
 Concen: 20.42 ng/ul  
 RT: 19.80 min Scan# 2887  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

Tgt Ion:202 Resp: 1125004  
 Ion Ratio Lower Upper  
 202 100  
 101 14.6 11.0 16.4  
 100 12.2 9.8 14.6

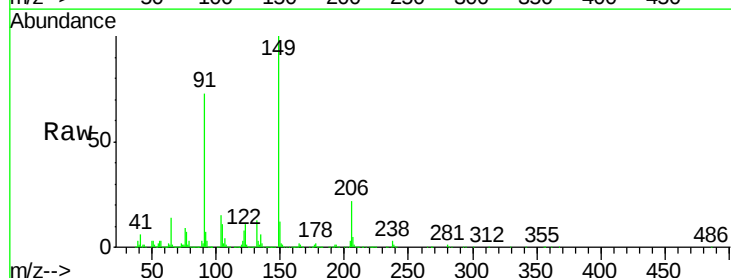


Abundance Ion 202.00 (201.70 to 202.70): E  
 Ion 101.00 (100.70 to 101.70): E  
 Ion 100.00 (99.70 to 100.70): E

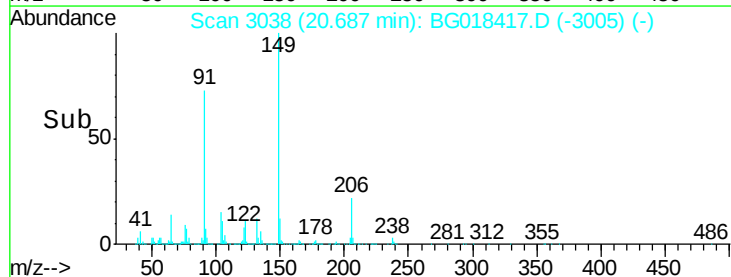
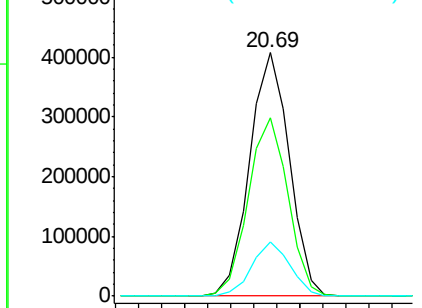


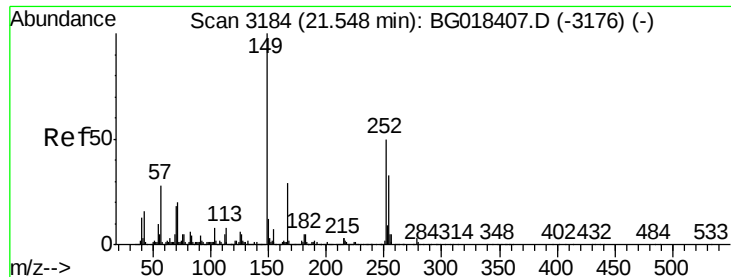
#81  
 Butylbenzylphthalate  
 Concen: 20.93 ng/ul  
 RT: 20.69 min Scan# 3038  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Tgt Ion:149 Resp: 487714  
 Ion Ratio Lower Upper  
 149 100  
 91 73.0 57.9 86.9  
 206 22.3 17.9 26.9



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 91.00 (90.70 to 91.70): BGC  
 Ion 206.00 (205.70 to 206.70): E

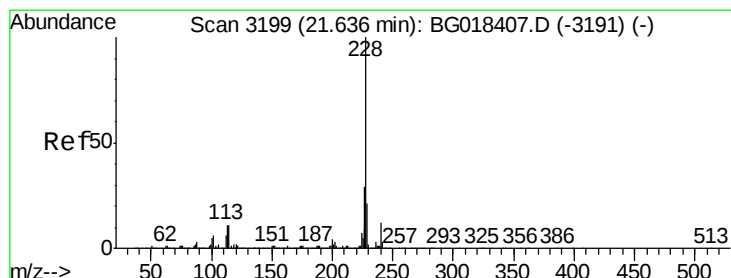
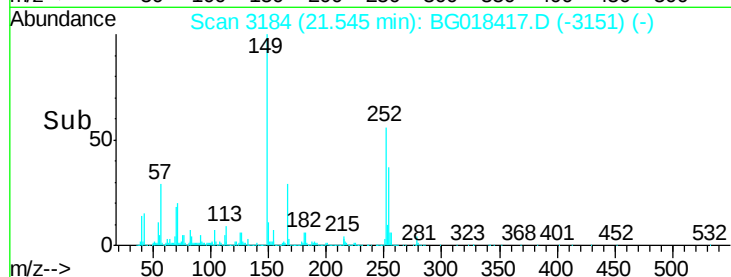
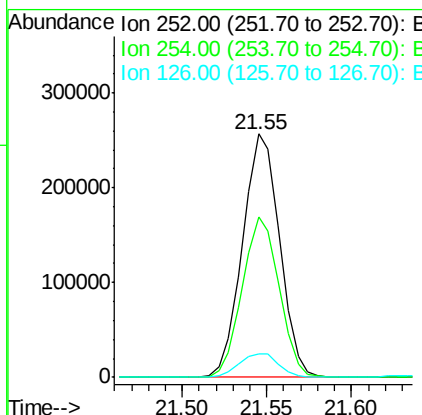
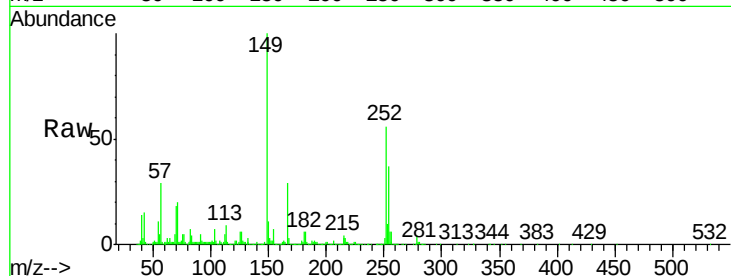




#82  
 3,3'-Dichlorobenzidine  
 Concen: 23.21 ng/ul  
 RT: 21.55 min Scan# 3184  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

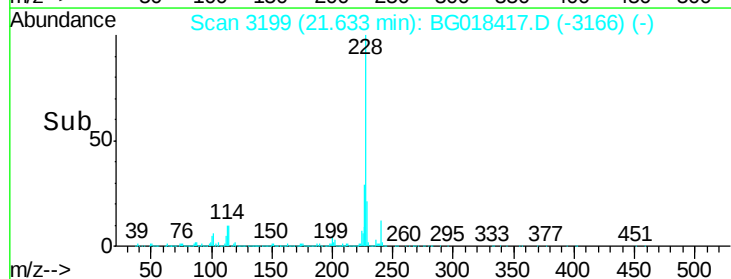
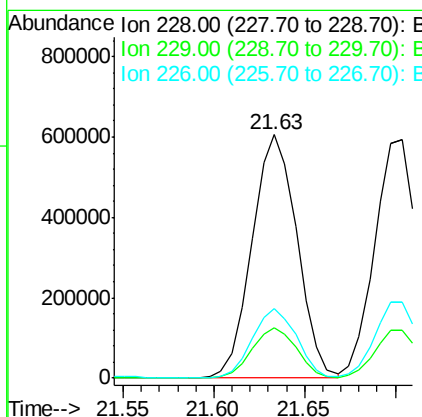
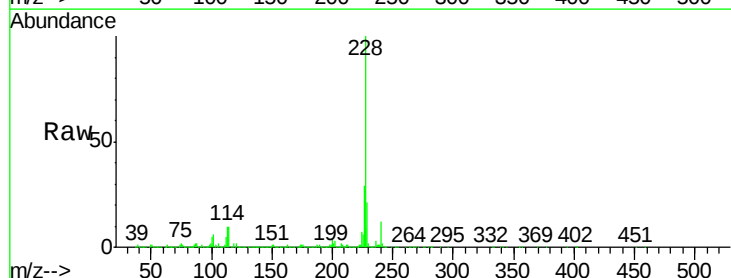
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

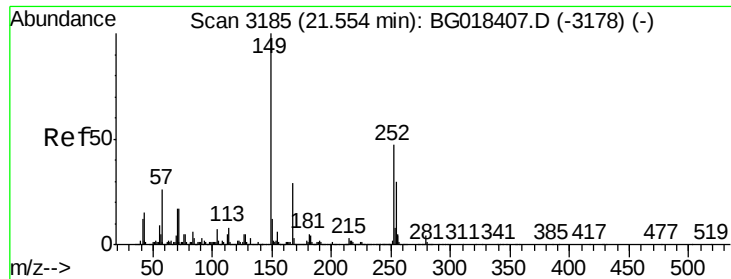
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 66.1  | 50.9  | 76.3  |
| 126     | 9.8   | 9.6   | 14.4  |



#83  
 Benzo(a)anthracene  
 Concen: 20.65 ng/ul  
 RT: 21.63 min Scan# 3199  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 229     | 20.6  | 15.5  | 23.3  |
| 226     | 28.8  | 22.1  | 33.1  |





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.63 ng/ul

RT: 21.55 min Scan# 3185

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

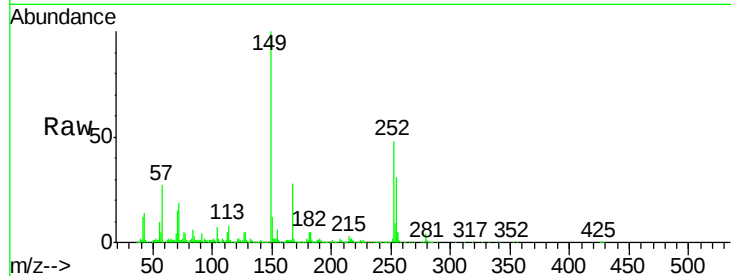
Tgt Ion:149 Resp: 679218

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

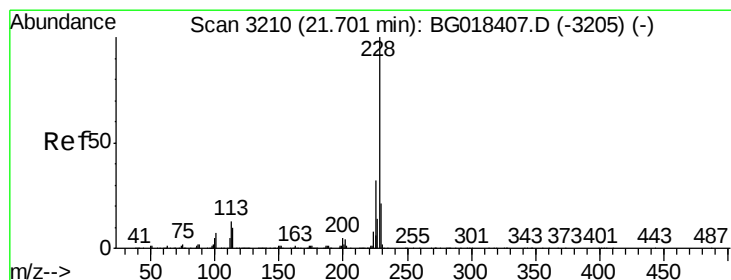
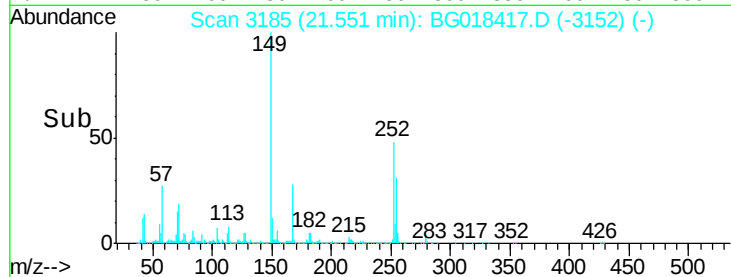
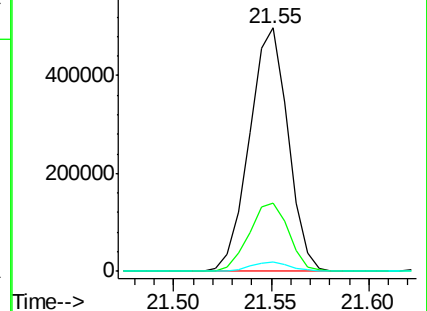
279 3.7 2.8 4.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 20.33 ng/ul

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

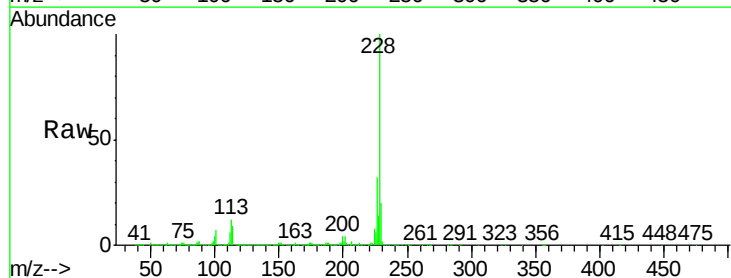
Tgt Ion:228 Resp: 960556

Ion Ratio Lower Upper

228 100

226 32.1 26.5 39.7

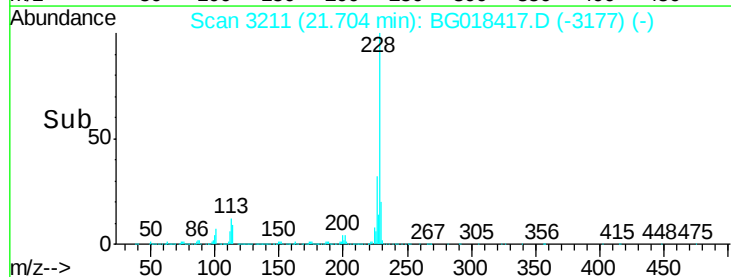
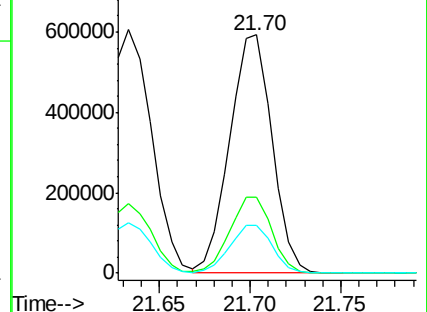
229 20.2 16.9 25.3

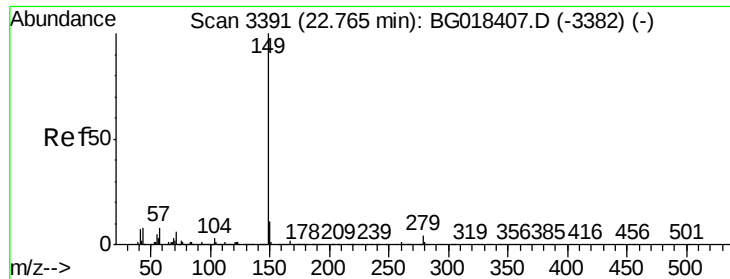


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

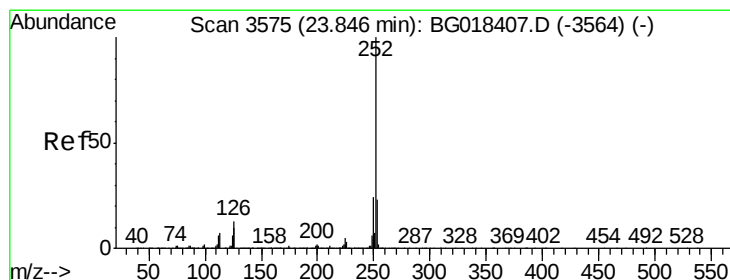
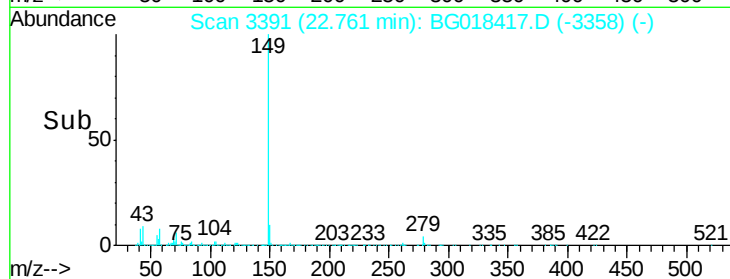
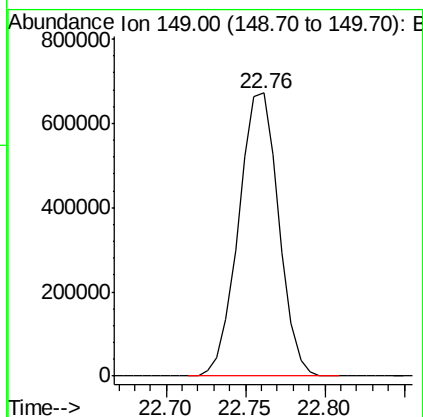
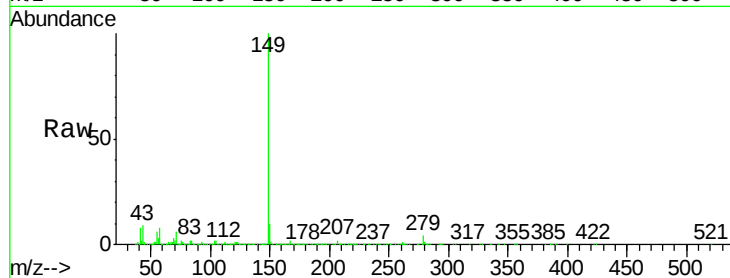




#87  
 Di-n-octyl phthalate  
 Concen: 22.44 ng/ul  
 RT: 22.76 min Scan# 3391  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02095

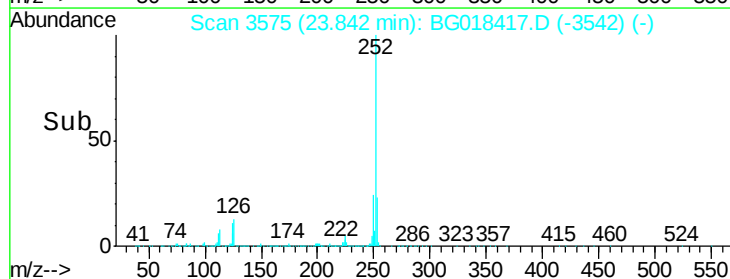
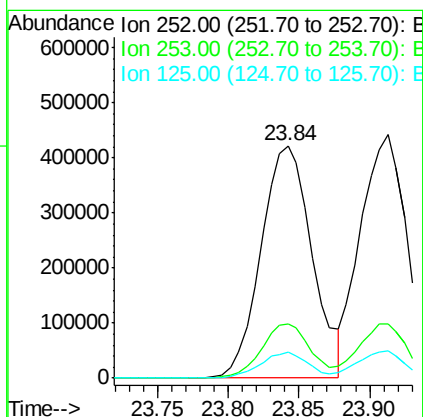
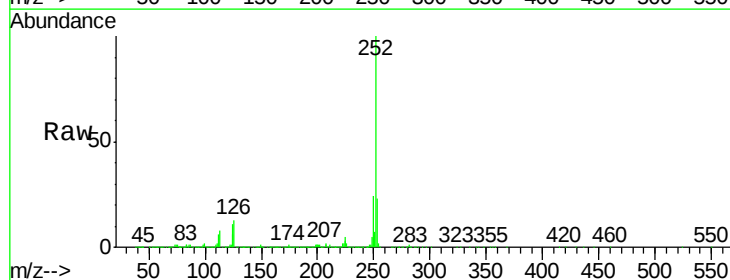
Tgt Ion:149 Resp: 1176262

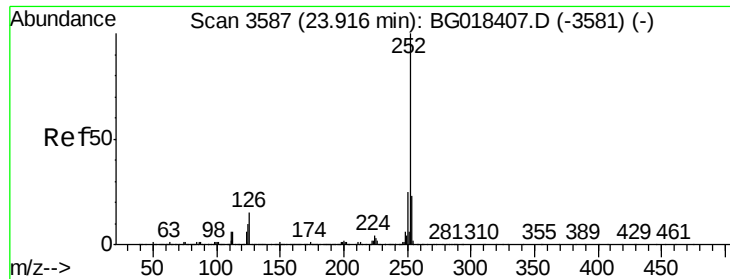


#88  
 Benzo(b)fluoranthene  
 Concen: 20.87 ng/ul  
 RT: 23.84 min Scan# 3575  
 Delta R.T. -0.00 min  
 Lab File: BG018417.D  
 Acq: 13 Aug 2015 3:27

Tgt Ion:252 Resp: 1065403  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 23.1  | 18.1  | 27.1  |
| 125 | 11.4  | 8.3   | 12.5  |





#89

Benzo(k)fluoranthene

Concen: 20.48 ng/ul

RT: 23.91 min Scan# 3587

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

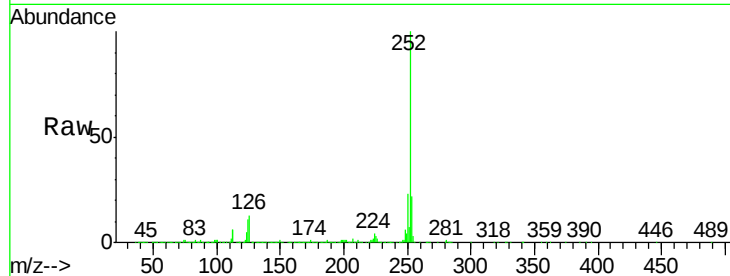
Tgt Ion:252 Resp: 1006686

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

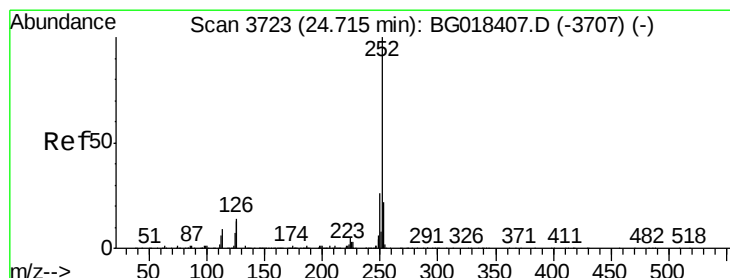
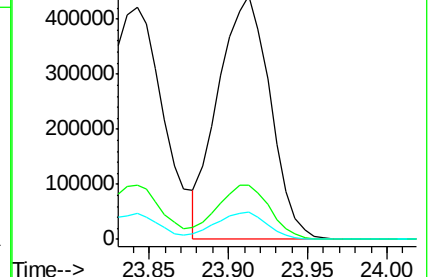
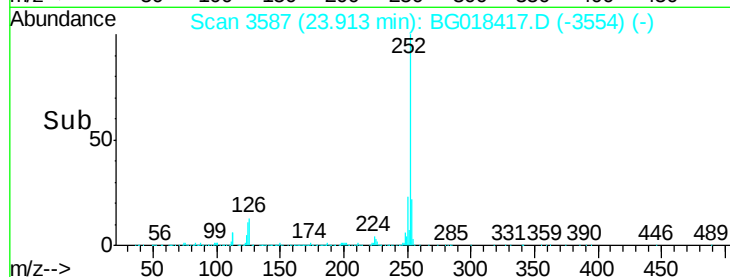
125 11.2 9.0 13.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(a)pyrene

Concen: 20.64 ng/ul

RT: 24.71 min Scan# 3723

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

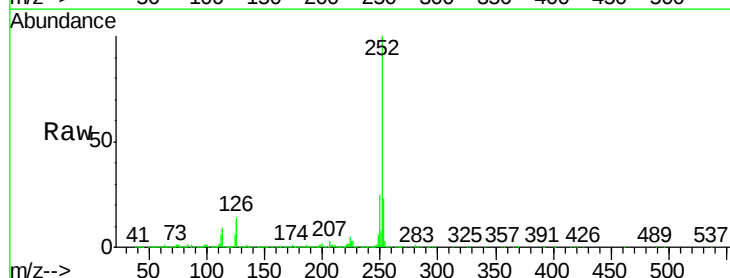
Tgt Ion:252 Resp: 1001672

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

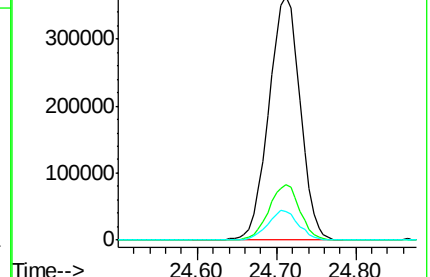
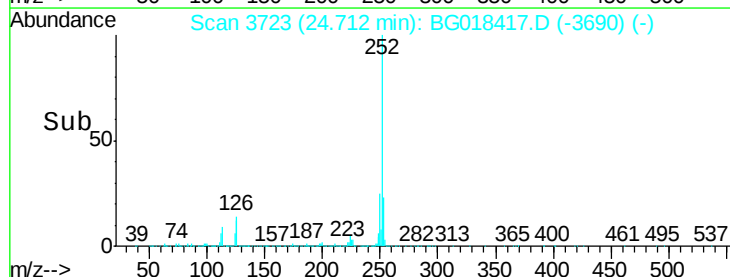
125 11.7 10.2 15.2

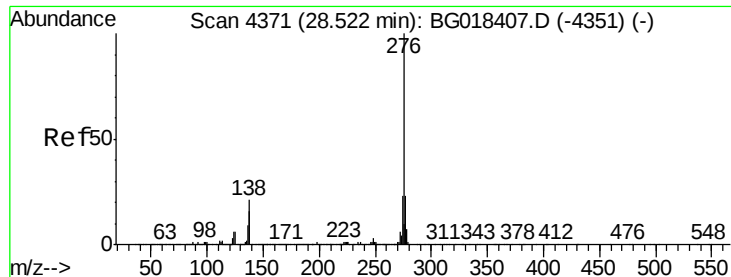


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#92

Indeno(1,2,3-cd)pyrene

Concen: 20.80 ng/ul

RT: 28.52 min Scan# 4371

Delta R.T. -0.00 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

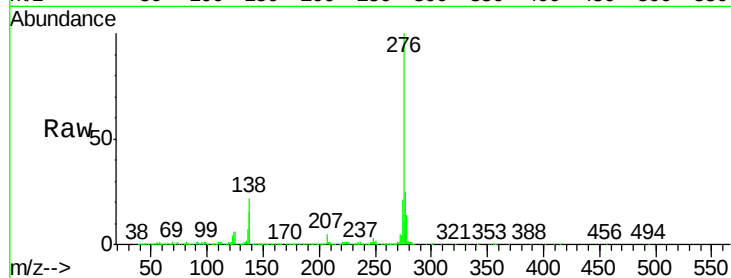
Tgt Ion:276 Resp: 1168406

Ion Ratio Lower Upper

276 100

138 22.1 15.8 23.6

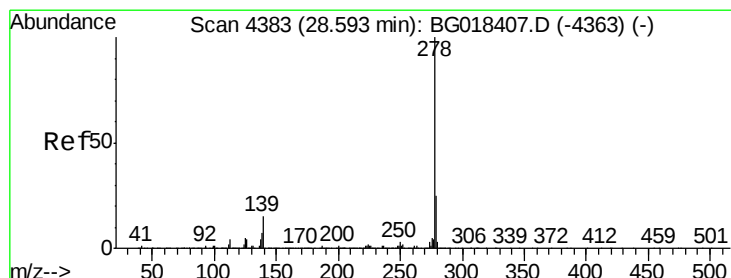
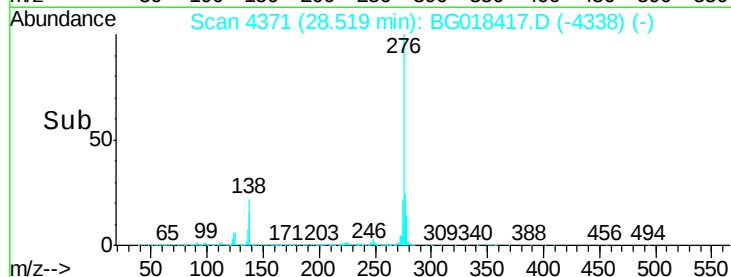
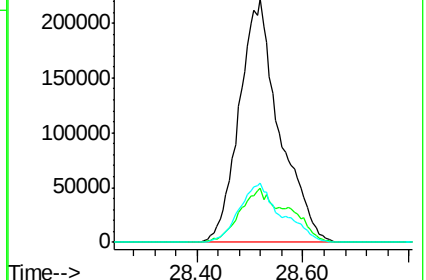
277 24.5 18.9 28.3



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: 20.89 ng/ul

RT: 28.58 min Scan# 4381

Delta R.T. -0.02 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

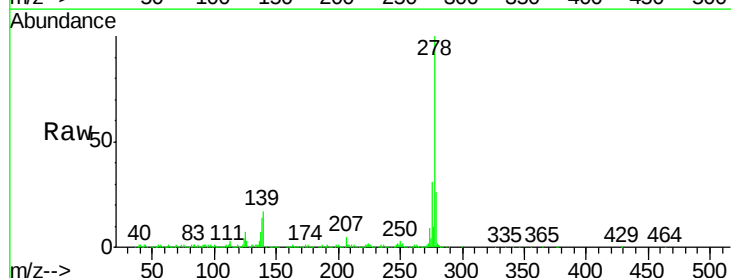
Tgt Ion:278 Resp: 974723

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.6

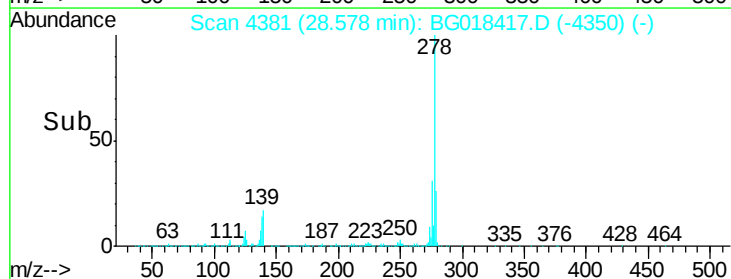
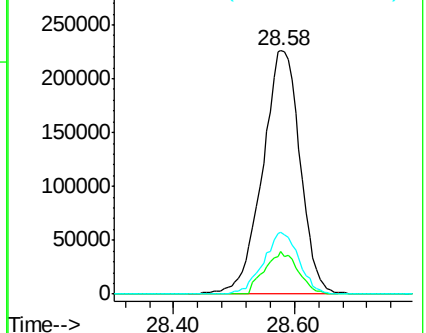
279 25.6 17.8 26.8

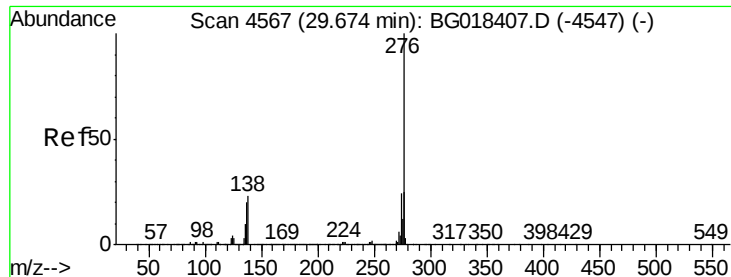


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(g,h,i)perylene

Concen: 10.79 ng/ul

RT: 29.65 min Scan# 4563

Delta R.T. -0.03 min

Lab File: BG018417.D

Acq: 13 Aug 2015 3:27

Instrument :

BNA\_M

ClientSampleId :

SSTD02095

Tgt Ion: 276 Resp: 508966

Ion Ratio Lower Upper

276 100

138 22.3 16.5 24.7

277 23.3 19.0 28.6

