

Data Path : Z:\HPCHEM1\BNA\_G\DATA\BG090115\  
 Data File : BG018582.D  
 Acq On : 2 Sep 2015 3:49  
 Operator : UM/IZ  
 Sample : SSTDCCC001  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

Quant Time: Sep 02 04:35:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 02 03:47:41 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.01  | 152  | 147041   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.81 | 136  | 644103   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.63 | 164  | 430738   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.38 | 188  | 1100919  | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.64 | 240  | 1152365  | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 24.83 | 264  | 1204177  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.44  | 96  | 25620   | 7.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 7.17  | 99  | 275188  | 20.62 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.33  | 67  | 162319  | 19.63 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.54  | 132 | 198590  | 19.43 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.71  | 113 | 229159  | 20.44 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 9.17  | 128 | 106386  | 21.19 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.89  | 143 | 113687  | 22.23 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.43 | 165 | 242032  | 22.30 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.94 | 131 | 313543  | 25.56 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 14.04 | 166 | 768988  | 21.22 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.33 | 160 | 918595  | 20.13 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.83 | 143 | 158626  | 24.33 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.63 | 176 | 659222  | 20.88 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.74 | 200 | 125185  | 23.12 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.48 | 188 | 1063601 | 20.20 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.76 | 212 | 1186478 | 19.85 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 24.61 | 264 | 1300376 | 20.34 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.48  | 88  | 28986  | 8.14  | ng/uL# | 84     |
| 4) Benzaldehyde                | 7.14  | 77  | 179914 | 22.98 | ng/ul  | 97     |
| 6) Phenol                      | 7.19  | 94  | 279767 | 20.55 | ng/ul  | 93     |
| 8) Bis(2-Chloroethyl)ether     | 7.42  | 93  | 204865 | 19.56 | ng/ul  | 98     |
| 10) 2-Chlorophenol             | 7.57  | 128 | 209655 | 20.13 | ng/ul  | 95     |
| 11) 2-Methylphenol             | 8.45  | 108 | 218462 | 20.70 | ng/ul  | 93     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.54  | 45  | 267671 | 15.92 | ng/ul# | 93     |
| 14) Acetophenone               | 8.83  | 105 | 347773 | 21.47 | ng/ul# | 93     |
| 15) N-Nitroso-di-n-propylamine | 8.81  | 70  | 183118 | 19.70 | ng/ul# | 87     |
| 16) 4-Methylphenol             | 8.77  | 108 | 241684 | 20.98 | ng/ul  | 96     |
| 17) Hexachloroethane           | 9.09  | 117 | 82790  | 18.44 | ng/ul  | 92     |
| 20) Nitrobenzene               | 9.21  | 77  | 249200 | 19.67 | ng/ul# | 91     |
| 21) Isophorone                 | 9.73  | 82  | 509650 | 20.91 | ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.92  | 139 | 125891 | 22.17 | ng/ul  | 92     |
| 24) 2,4-Dimethylphenol         | 9.98  | 107 | 253724 | 19.94 | ng/ul  | 97     |
| 25) Bis(2-Chloroethoxy)methane | 10.21 | 93  | 308101 | 20.28 | ng/ul  | 97     |
| 27) 2,4-Dichlorophenol         | 10.46 | 162 | 228115 | 22.44 | ng/ul  | 96     |
| 28) Naphthalene                | 10.86 | 128 | 703026 | 20.65 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.97 | 127 | 307502 | 24.65 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 11.15 | 225 | 128194 | 19.96 | ng/ul# | 91     |
| 32) Caprolactam                | 11.72 | 113 | 80546  | 19.67 | ng/ul  | 95     |
| 33) 4-Chloro-3-methylphenol    | 12.09 | 107 | 257351 | 21.85 | ng/ul  | 99     |
| 34) 2-Methylnaphthalene        | 12.46 | 142 | 526277 | 21.35 | ng/ul  | 91     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_G  
 ClientSampleID :  
 SSTD02024

Quant Time: Sep 02 04:35:02 2015  
 Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Sep 02 03:47:41 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 35) 1-Methylnaphthalene        | 12.68 | 142  | 517861   | 21.51 | ng/ul  | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.83 | 216  | 277426   | 20.09 | ng/ul  | 96       |
| 38) Hexachlorocyclopentadiene  | 12.81 | 237  | 137943   | 16.78 | ng/ul  | 92       |
| 39) 2,4,6-Trichlorophenol      | 13.07 | 196  | 192277   | 20.44 | ng/ul  | 99       |
| 40) 2,4,5-Trichlorophenol      | 13.14 | 196  | 215917   | 21.35 | ng/ul  | 98       |
| 41) 1,1'-Biphenyl              | 13.47 | 154  | 717390   | 19.96 | ng/ul  | 96       |
| 42) 2-Chloronaphthalene        | 13.51 | 162  | 545048   | 19.52 | ng/ul  | 97       |
| 43) 2-Nitroaniline             | 13.71 | 65   | 179708   | 19.93 | ng/ul  | 86       |
| 45) Dimethylphthalate          | 14.09 | 163  | 740150   | 20.70 | ng/ul# | 97       |
| 46) 2,6-Dinitrotoluene         | 14.20 | 165  | 160823   | 22.59 | ng/ul# | 90       |
| 48) Acenaphthylene             | 14.36 | 152  | 938729   | 20.51 | ng/ul  | 98       |
| 49) 3-Nitroaniline             | 14.53 | 138  | 183462   | 25.26 | ng/ul  | 90       |
| 50) Acenaphthene               | 14.70 | 153  | 636888   | 19.83 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.74 | 184  | 80751    | 23.26 | ng/ul# | 85       |
| 53) 4-Nitrophenol              | 14.84 | 109  | 110956   | 19.58 | ng/ul  | 92       |
| 54) Dibenzofuran               | 15.03 | 168  | 872848   | 20.80 | ng/ul  | 97       |
| 55) 2,4-Dinitrotoluene         | 14.99 | 165  | 237319   | 23.36 | ng/ul  | 90       |
| 56) 2,3,4,6-Tetrachlorophenol  | 15.26 | 232  | 197908   | 22.46 | ng/ul# | 93       |
| 57) Diethylphthalate           | 15.45 | 149  | 779059   | 20.51 | ng/ul  | 98       |
| 59) Fluorene                   | 15.68 | 166  | 746172   | 20.67 | ng/ul  | 95       |
| 60) 4-Chlorophenyl-phenylether | 15.67 | 204  | 354142   | 20.73 | ng/ul  | 96       |
| 61) 4-Nitroaniline             | 15.70 | 138  | 197131   | 24.58 | ng/ul  | 90       |
| 64) 4,6-Dinitro-2-methylphenol | 15.76 | 198  | 133872   | 23.18 | ng/ul  | 95       |
| 65) N-Nitrosodiphenylamine     | 15.88 | 169  | 652406   | 19.70 | ng/ul  | 95       |
| 66) 4-Bromophenyl-phenylether  | 16.57 | 248  | 239697   | 20.13 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.69 | 284  | 259289   | 20.59 | ng/ul# | 93       |
| 68) Atrazine                   | 16.83 | 200  | 293584   | 23.68 | ng/ul  | 98       |
| 69) Pentachlorophenol          | 17.03 | 266  | 166717   | 19.77 | ng/ul  | 93       |
| 70) Phenanthrene               | 17.42 | 178  | 1203763  | 20.15 | ng/ul  | 99       |
| 72) Anthracene                 | 17.51 | 178  | 1250505  | 20.54 | ng/ul  | 97       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.44 | 216  | 294505   | 19.33 | ng/uL  | 99       |
| 74) Pentachlorobenzene         | 14.96 | 250  | 279471   | 19.21 | ng/uL  | 95       |
| 75) Carbazole                  | 17.78 | 167  | 1217395  | 22.81 | ng/ul  | 99       |
| 76) Di-n-butylphthalate        | 18.33 | 149  | 1424909  | 20.44 | ng/ul  | 98       |
| 77) Fluoranthene               | 19.43 | 202  | 1491019  | 23.37 | ng/ul  | 98       |
| 80) Pyrene                     | 19.79 | 202  | 1492776  | 19.16 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.67 | 149  | 648557   | 19.68 | ng/ul  | 98       |
| 82) 3,3'-Dichlorobenzidine     | 21.53 | 252  | 519420   | 21.70 | ng/ul  | 96       |
| 83) Benzo(a)anthracene         | 21.62 | 228  | 1430973  | 20.03 | ng/ul  | 95       |
| 84) Bis(2-ethylhexyl)phthalate | 21.52 | 149  | 937568   | 20.13 | ng/ul  | 99       |
| 85) Chrysene                   | 21.68 | 228  | 1333947  | 19.97 | ng/ul  | 98       |
| 87) Di-n-octyl phthalate       | 22.73 | 149  | 1560352  | 20.08 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 23.82 | 252  | 1470259  | 19.43 | ng/ul  | 100      |
| 89) Benzo(k)fluoranthene       | 23.89 | 252  | 1480788  | 20.33 | ng/ul  | 98       |
| 91) Benzo(a)pyrene             | 24.68 | 252  | 1416287  | 19.69 | ng/ul  | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 28.46 | 276  | 1673285  | 20.10 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 28.53 | 278  | 1375769  | 19.90 | ng/ul  | 96       |
| 94) Benzo(g,h,i)perylene       | 29.60 | 276  | 822704   | 11.77 | ng/ul  | 98       |

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Sample : SSTDCCC001  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

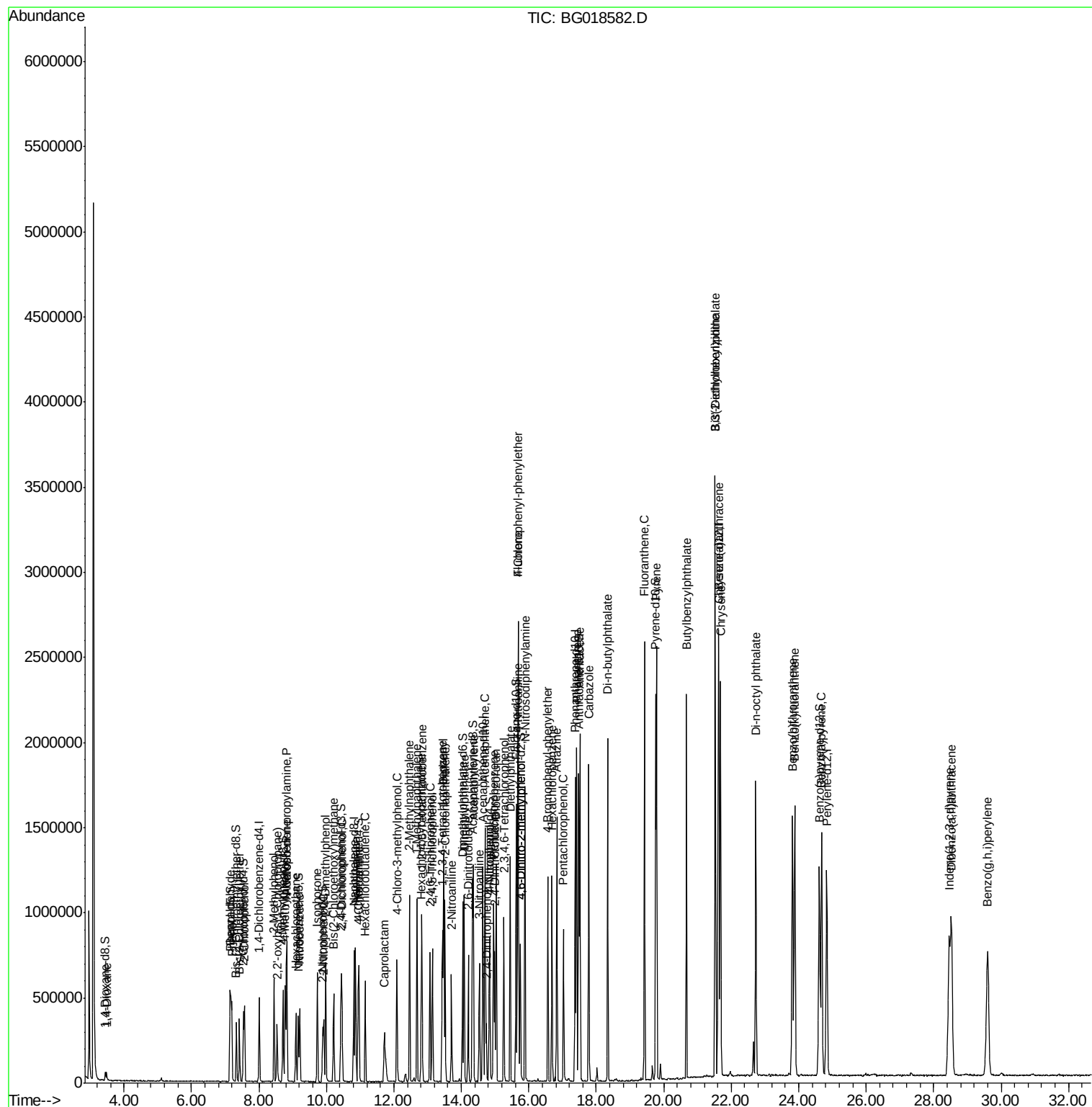
Quant Time: Sep 02 04:35:02 2015  
Quant Method : Z:\HPCHEM1\BNA\_G\METHODS\SOM02.2-EPA-BG080915.M  
Quant Title : SVOA CALIBRATION  
QLast Update : Wed Sep 02 03:47:41 2015  
Response via : Initial Calibration

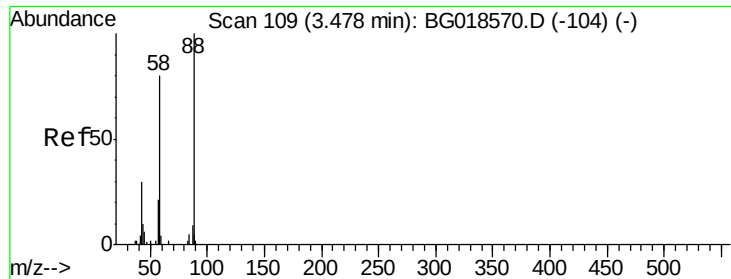
| Internal Standards                                                         | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                 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

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Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 8.14 ng/uL

RT: 3.48 min Scan# 109

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

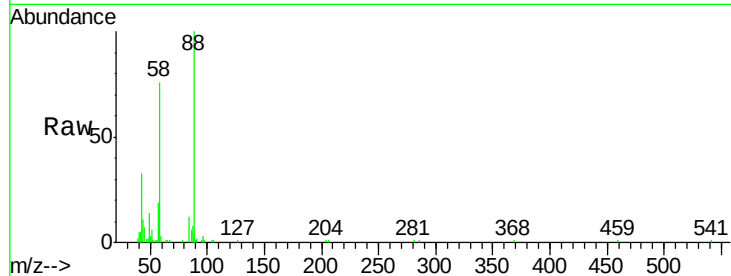
Tgt Ion: 88 Resp: 28986

Ion Ratio Lower Upper

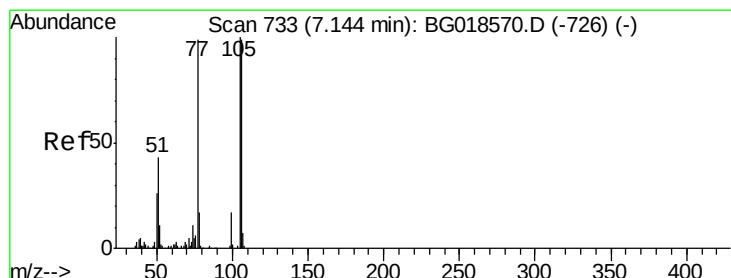
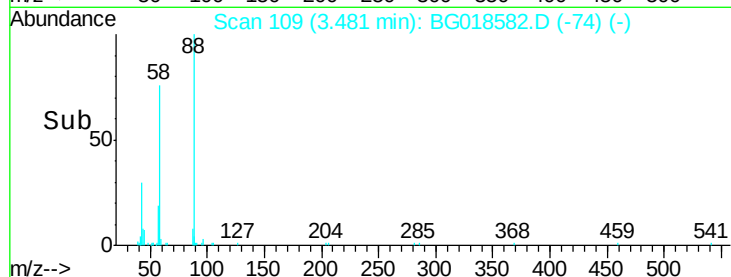
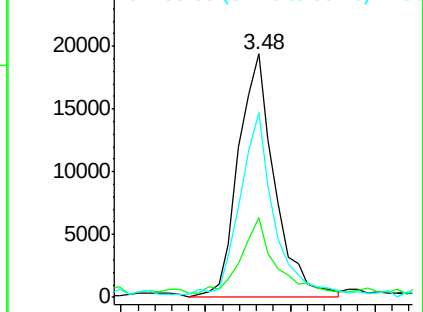
88 100

43 32.7 33.0 49.4#

58 76.1 73.4 110.0



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



#4

Benzaldehyde

Concen: 22.98 ng/uL

RT: 7.14 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

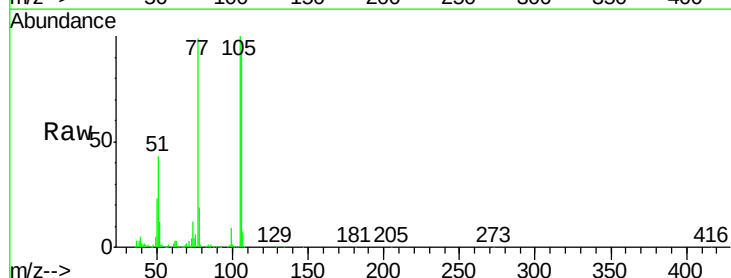
Tgt Ion: 77 Resp: 179914

Ion Ratio Lower Upper

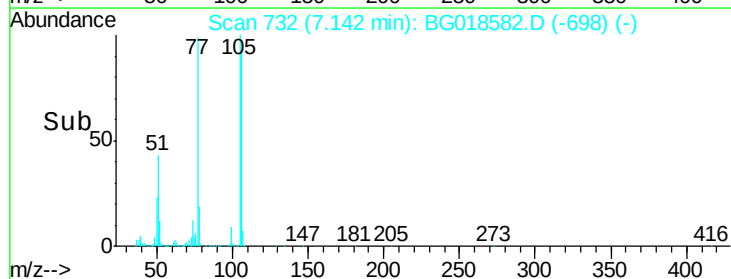
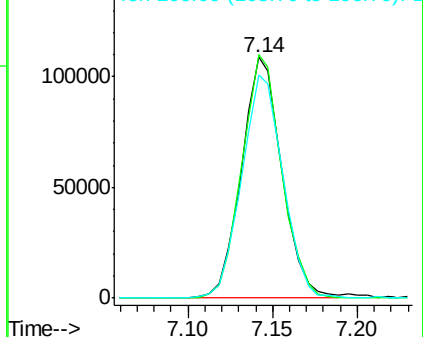
77 100

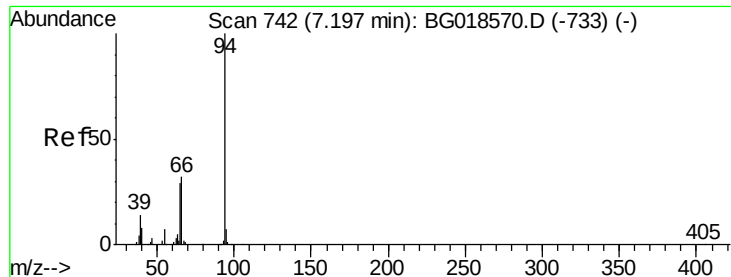
105 101.3 78.2 117.2

106 92.8 76.8 115.2



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





#6

Phenol

Concen: 20.55 ng/ul

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

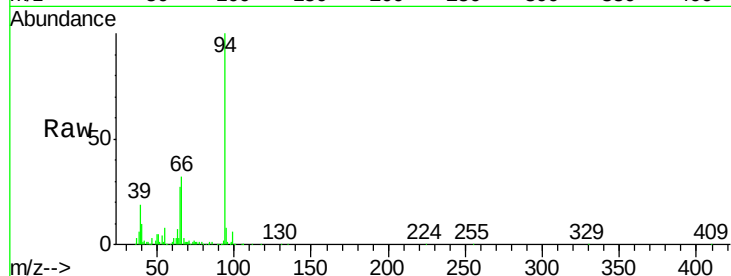
Tgt Ion: 94 Resp: 279767

Ion Ratio Lower Upper

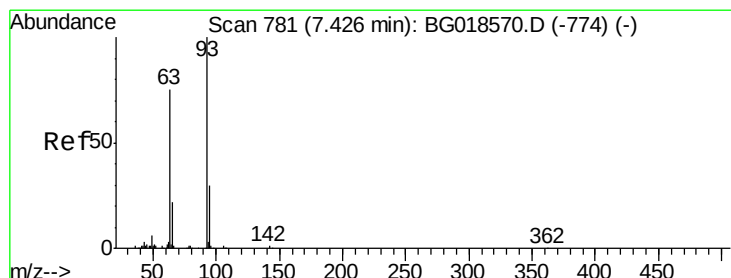
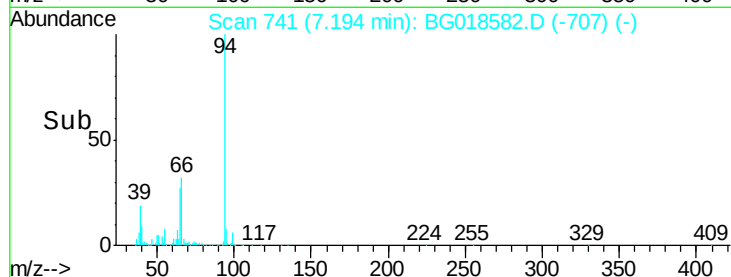
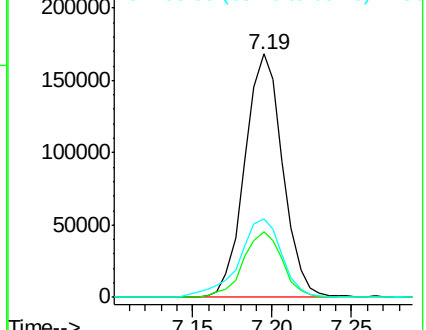
94 100

65 27.0 23.0 34.6

66 32.5 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: 19.56 ng/ul

RT: 7.42 min Scan# 780

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

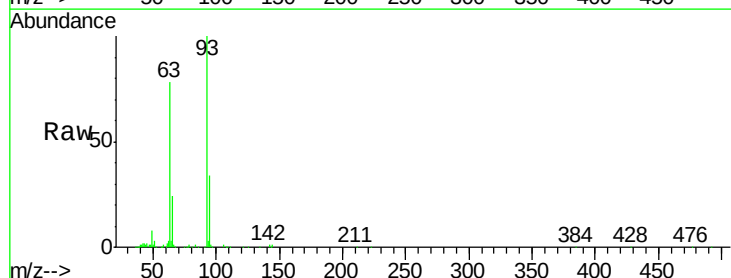
Tgt Ion: 93 Resp: 204865

Ion Ratio Lower Upper

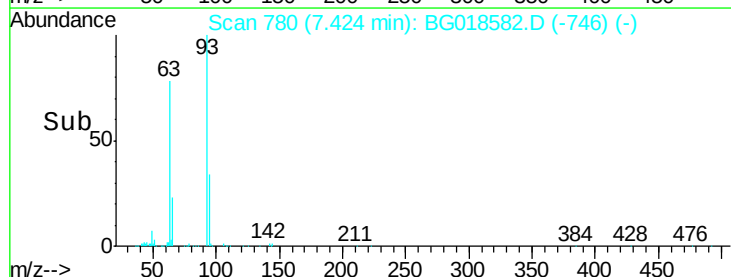
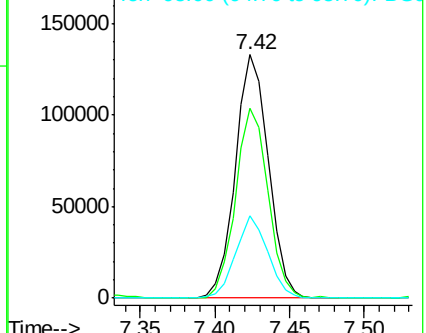
93 100

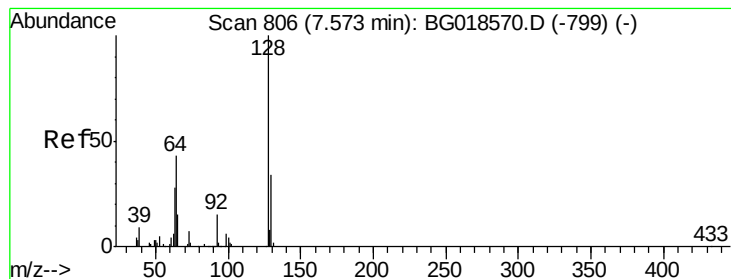
63 78.2 61.4 92.2

95 33.9 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: 20.13 ng/ul

RT: 7.57 min Scan# 805

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

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BNA\_G

ClientSampleId :

SSTD02024

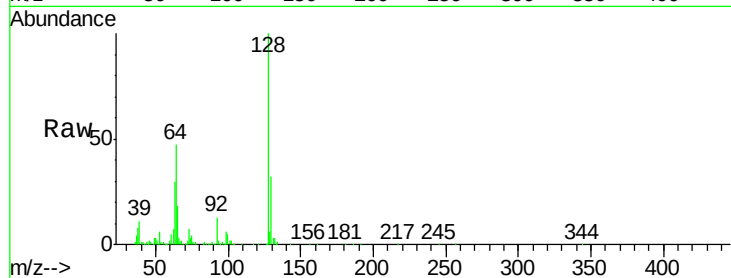
Tgt Ion:128 Resp: 209655

Ion Ratio Lower Upper

128 100

64 47.5 40.9 61.3

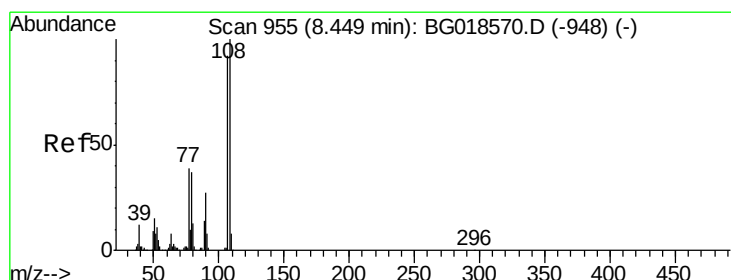
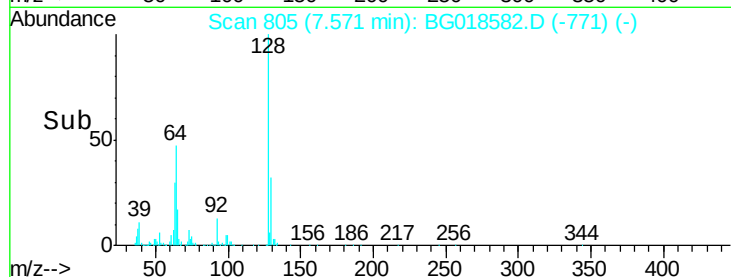
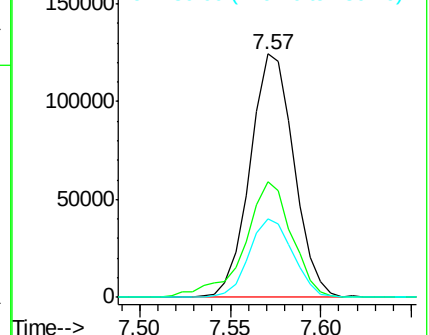
130 32.5 24.5 36.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.70 ng/ul

RT: 8.45 min Scan# 954

Delta R.T. -0.00 min

Lab File: BG018582.D

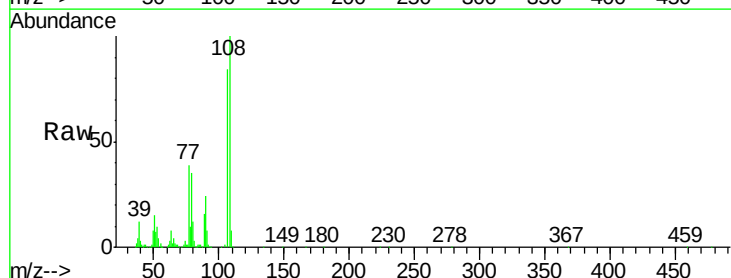
Acq: 2 Sep 2015 3:49

Tgt Ion:108 Resp: 218462

Ion Ratio Lower Upper

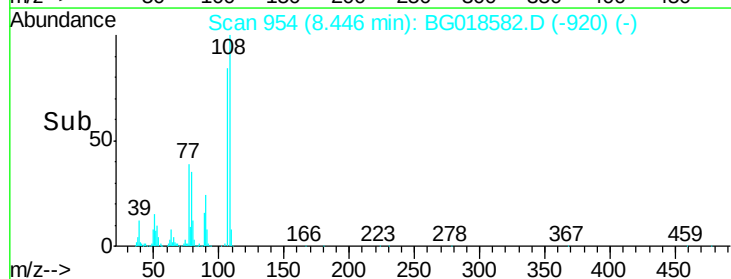
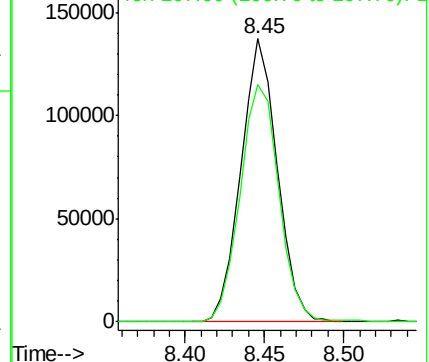
108 100

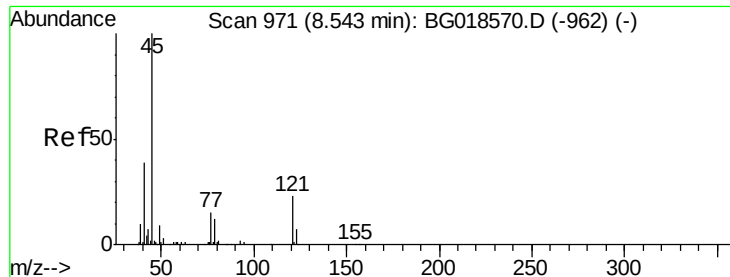
107 83.7 72.1 108.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

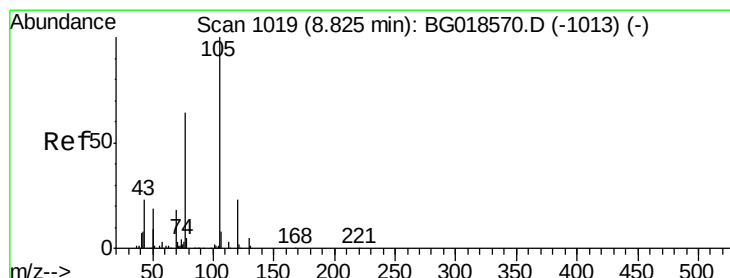
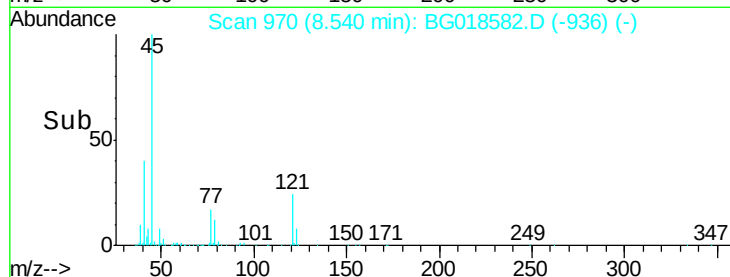
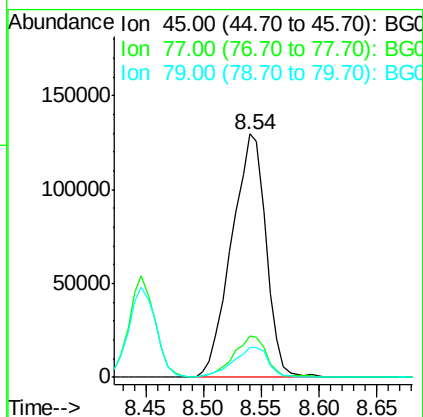
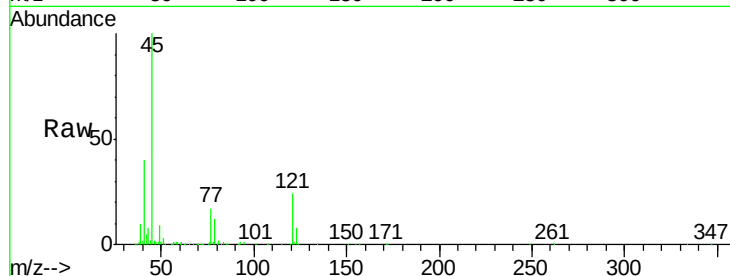




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 15.92 ng/ul  
RT: 8.54 min Scan# 970  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

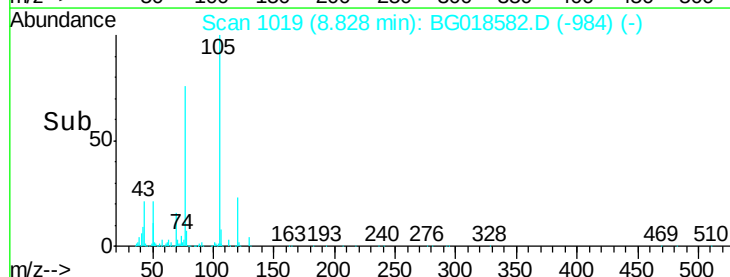
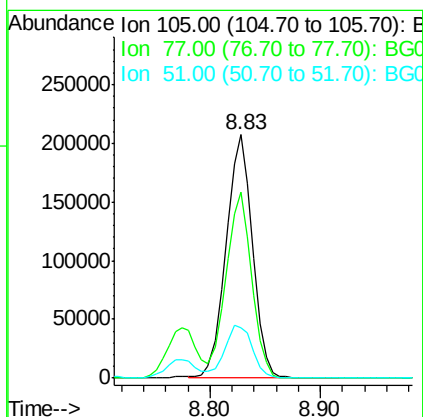
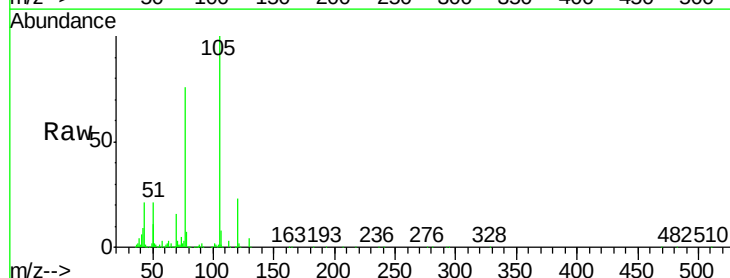
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

Tgt Ion: 45 Resp: 267671  
Ion Ratio Lower Upper  
45 100  
77 16.8 11.3 16.9  
79 12.4 7.8 11.8#

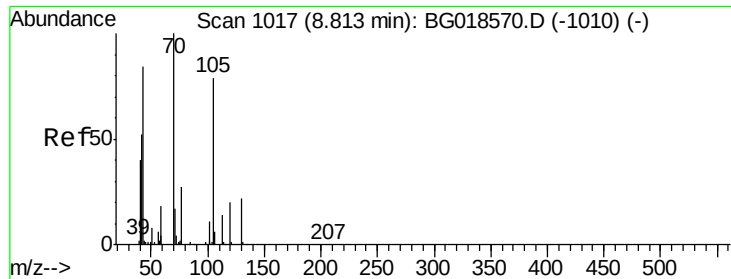


#14  
Acetophenone  
Concen: 21.47 ng/ul  
RT: 8.83 min Scan# 1019  
Delta R.T. 0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

Tgt Ion: 105 Resp: 347773  
Ion Ratio Lower Upper  
105 100  
77 76.2 61.9 92.9  
51 20.9 25.5 38.3#



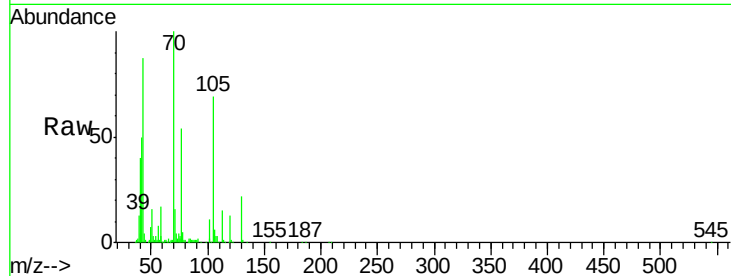




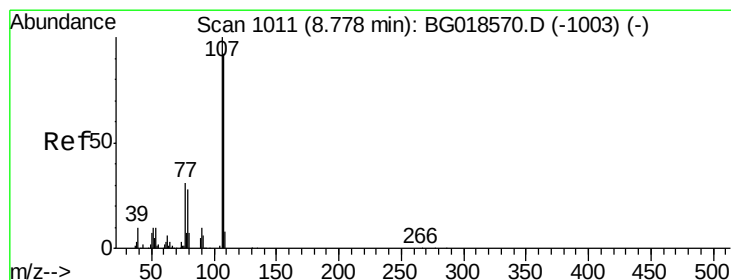
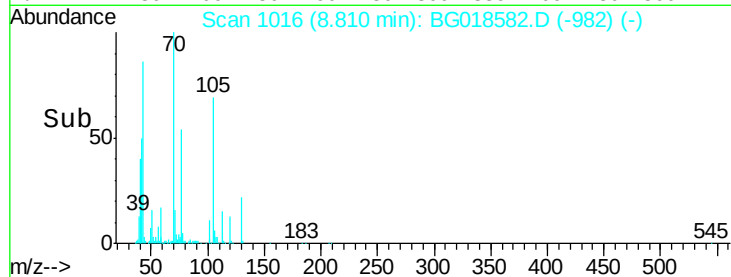
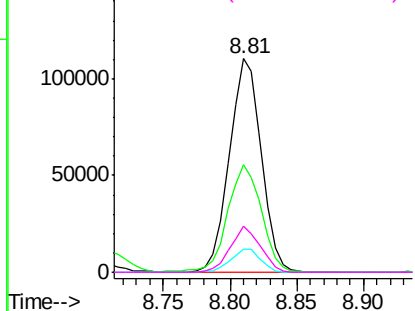
#15  
N-Nitroso-di-n-propylamine  
Concen: 19.70 ng/ul  
RT: 8.81 min Scan# 1016  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

Tgt Ion: 70 Resp: 183118  
Ion Ratio Lower Upper  
70 100  
42 50.1 50.7 76.1#  
101 10.7 7.4 11.2  
130 21.7 15.8 23.6

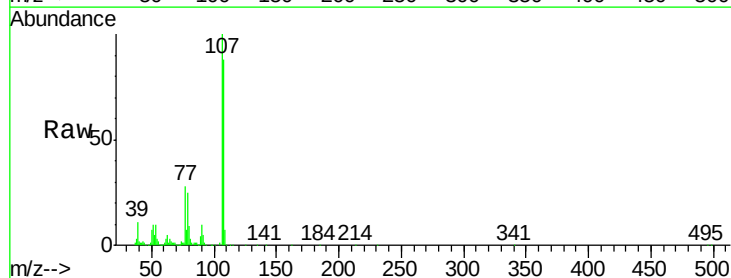


Abundance Ion 70.00 (69.70 to 70.70): BG018570.D (-1010) (-)  
Ion 42.00 (41.70 to 42.70): BG018570.D (-1010) (-)  
Ion 101.00 (100.70 to 101.70): BG018570.D (-1010) (-)  
Ion 130.00 (129.70 to 130.70): BG018570.D (-1010) (-)

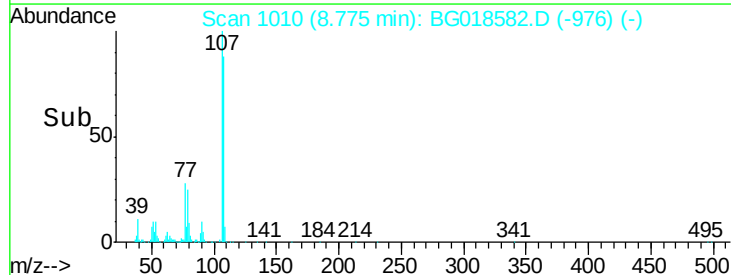
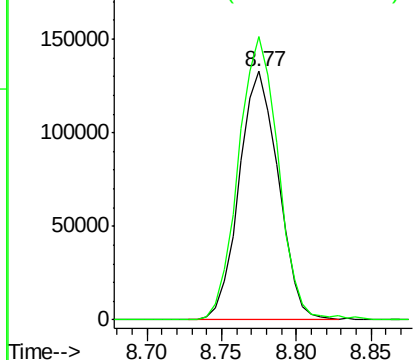


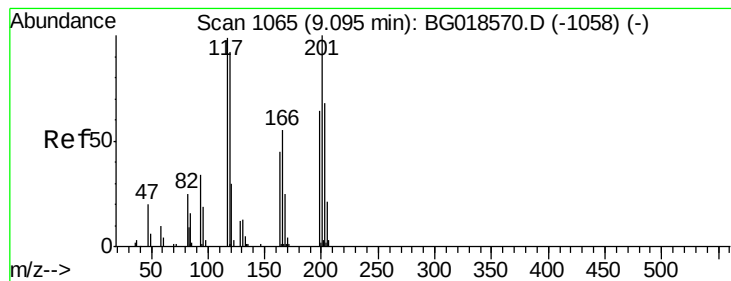
#16  
4-Methylphenol  
Concen: 20.98 ng/ul  
RT: 8.77 min Scan# 1010  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

Tgt Ion: 108 Resp: 241684  
Ion Ratio Lower Upper  
108 100  
107 113.9 94.6 142.0



Abundance Ion 108.00 (107.70 to 108.70): BG018570.D (-1003) (-)  
Ion 107.00 (106.70 to 107.70): BG018570.D (-1003) (-)





#17

Hexachloroethane

Concen: 18.44 ng/ul

RT: 9.09 min Scan# 1064

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

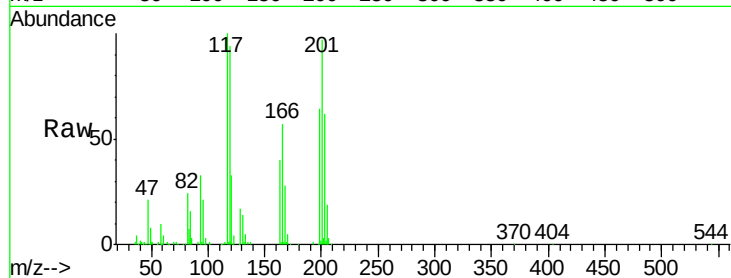
Tgt Ion:117 Resp: 82790

Ion Ratio Lower Upper

117 100

201 100.3 73.6 110.4

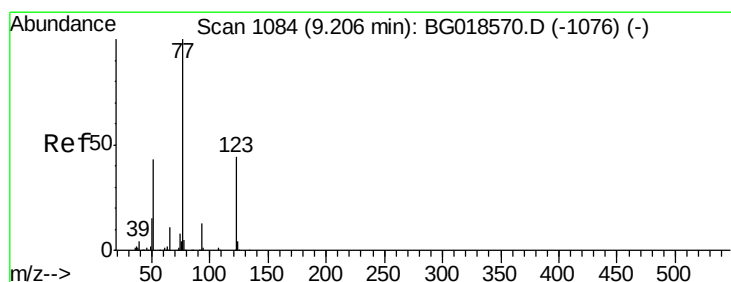
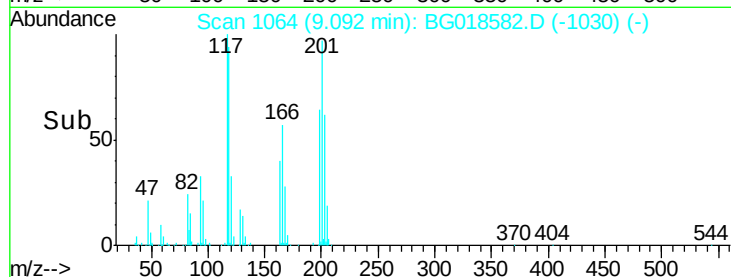
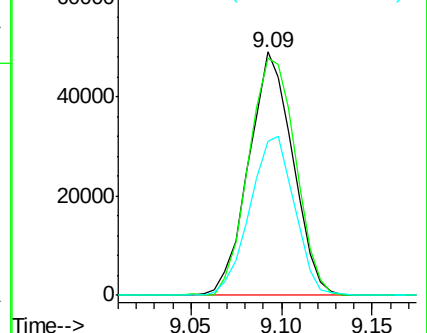
199 65.9 48.6 72.8



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: 19.67 ng/ul

RT: 9.21 min Scan# 1084

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

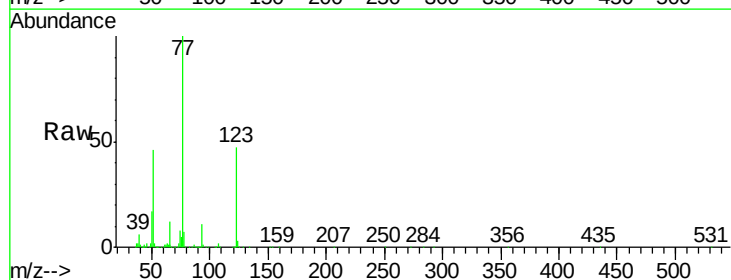
Tgt Ion: 77 Resp: 249200

Ion Ratio Lower Upper

77 100

123 46.6 32.8 49.2

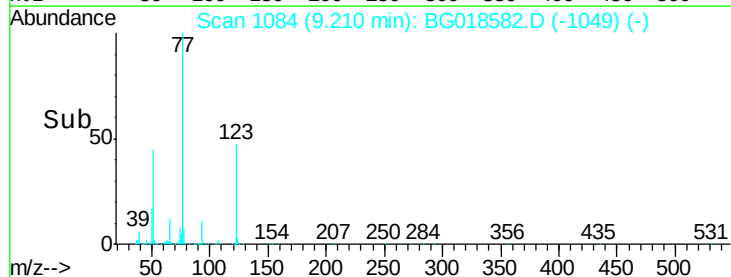
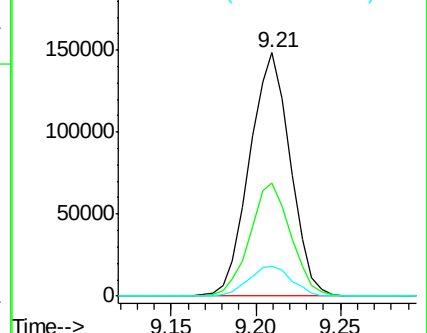
65 12.1 12.2 18.2#

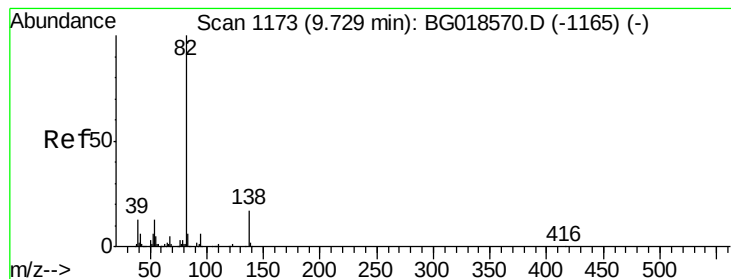


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BGC





#21

Isophorone

Concen: 20.91 ng/ul

RT: 9.73 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

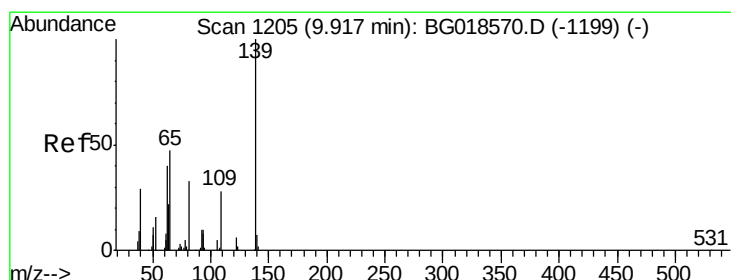
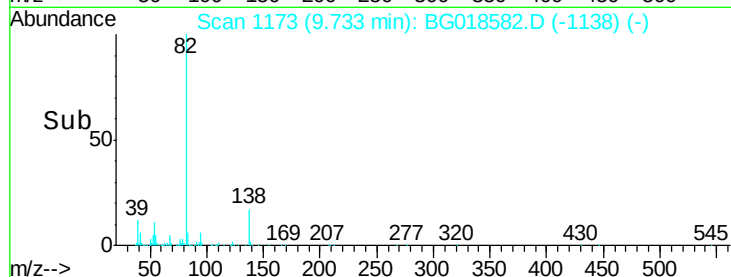
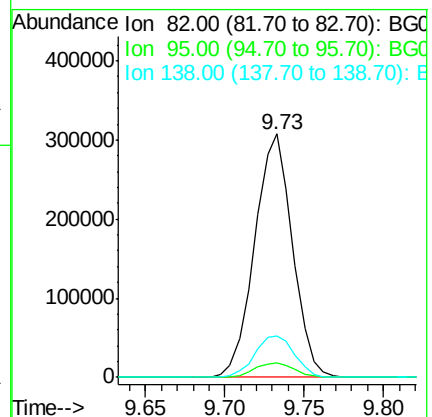
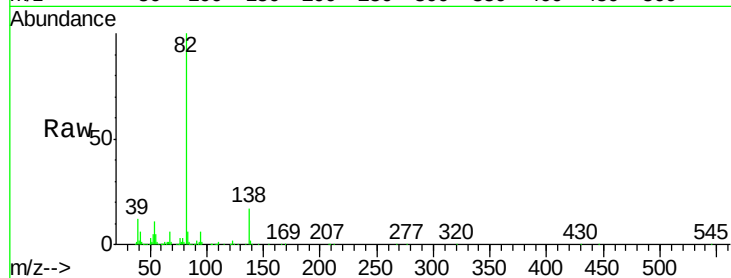
Tgt Ion: 82 Resp: 509650

Ion Ratio Lower Upper

82 100

95 6.0 5.2 7.8

138 16.8 13.8 20.8



#23

2-Nitrophenol

Concen: 22.17 ng/ul

RT: 9.92 min Scan# 1205

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

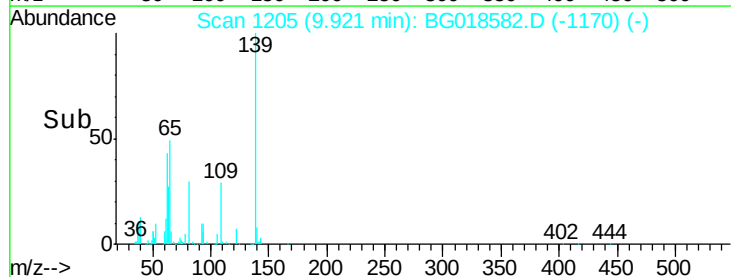
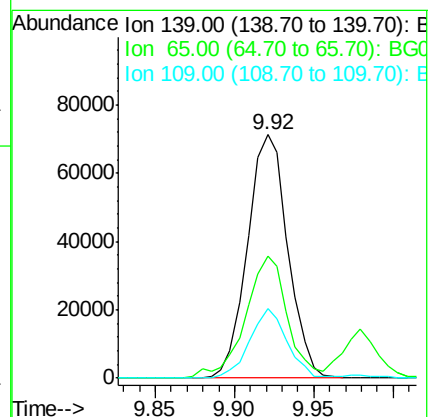
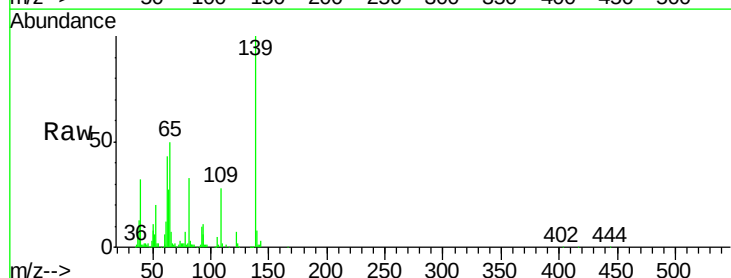
Tgt Ion: 139 Resp: 125891

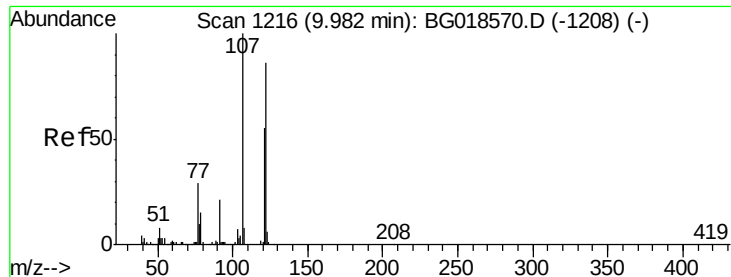
Ion Ratio Lower Upper

139 100

65 50.1 45.6 68.4

109 28.4 25.4 38.2

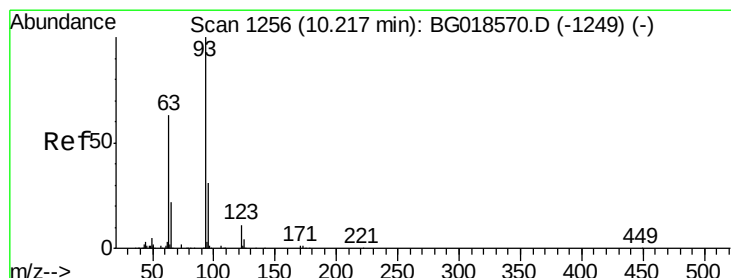
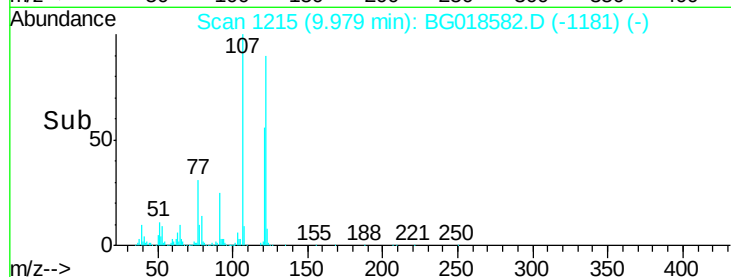
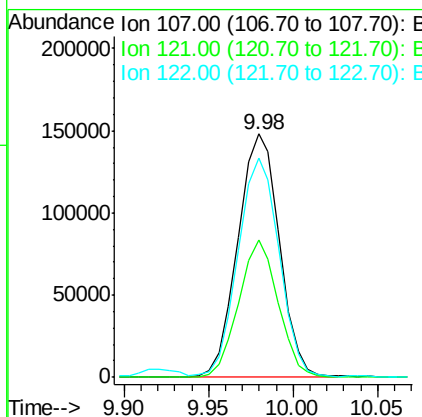
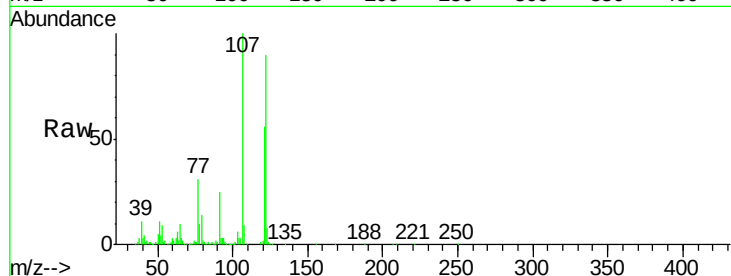




#24  
2,4-Dimethylphenol  
Concen: 19.94 ng/ul  
RT: 9.98 min Scan# 1215  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

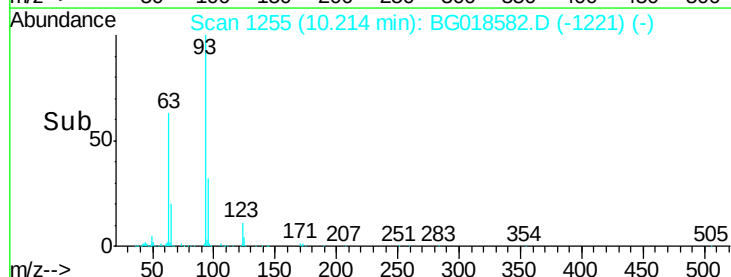
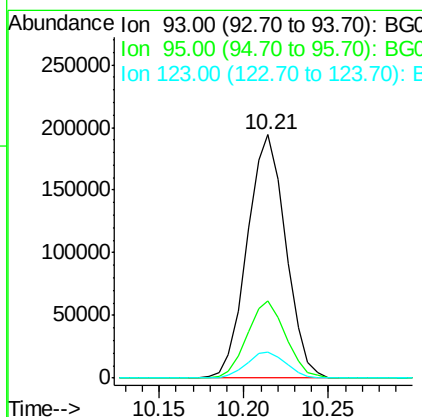
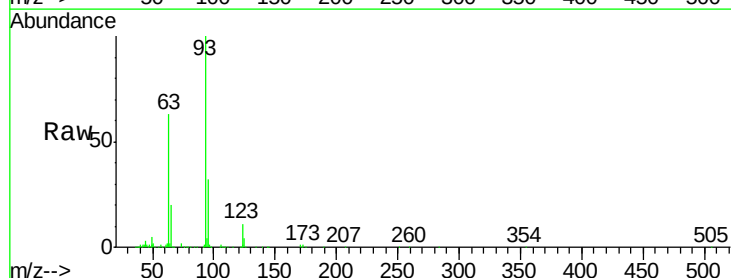
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

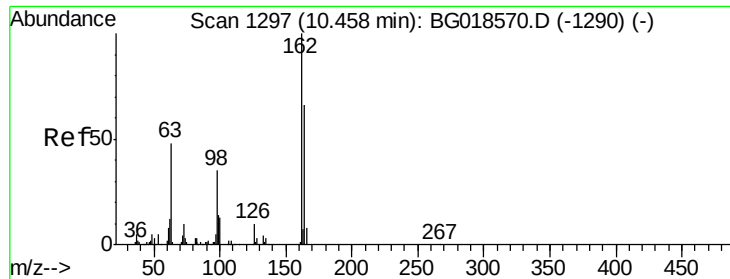
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 56.3  | 41.3  | 61.9  |
| 122     | 90.3  | 71.9  | 107.9 |



#25  
Bis(2-Chloroethoxy)methane  
Concen: 20.28 ng/ul  
RT: 10.21 min Scan# 1255  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 31.9  | 24.1  | 36.1  |
| 123     | 10.8  | 8.9   | 13.3  |





#27

2,4-Dichlorophenol

Concen: 22.44 ng/ul

RT: 10.46 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

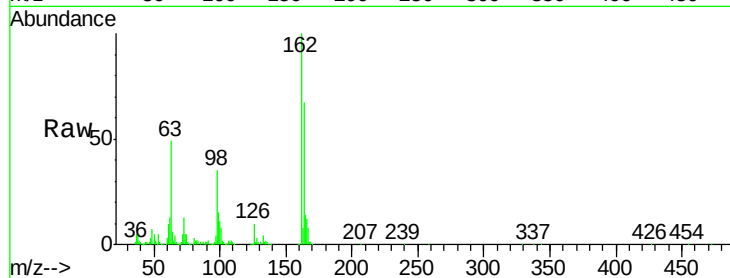
Tgt Ion:162 Resp: 228115

Ion Ratio Lower Upper

162 100

164 66.5 51.7 77.5

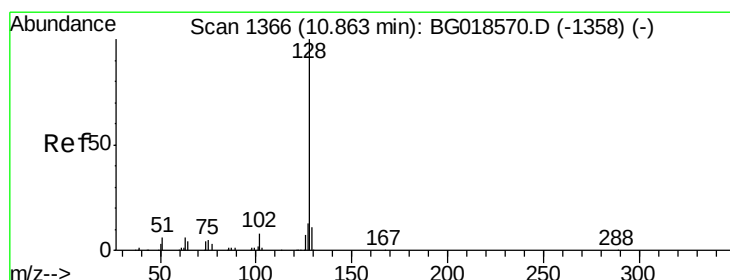
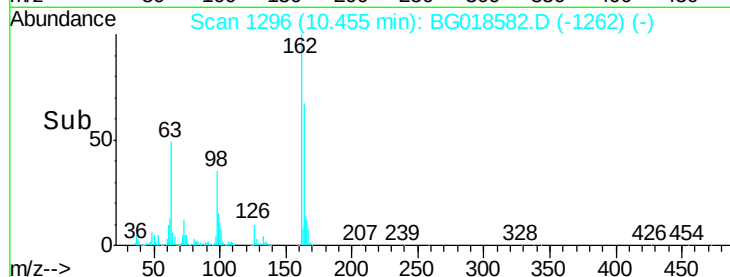
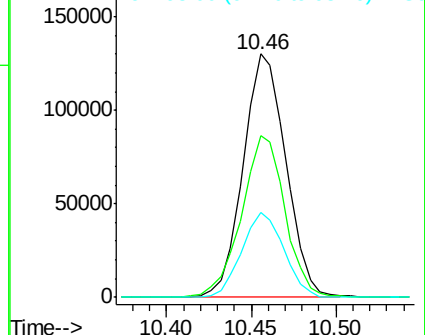
98 34.8 30.4 45.6



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: 20.65 ng/ul

RT: 10.86 min Scan# 1365

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

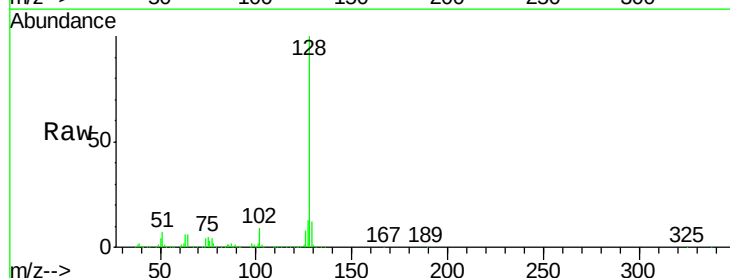
Tgt Ion:128 Resp: 703026

Ion Ratio Lower Upper

128 100

129 11.5 9.6 14.4

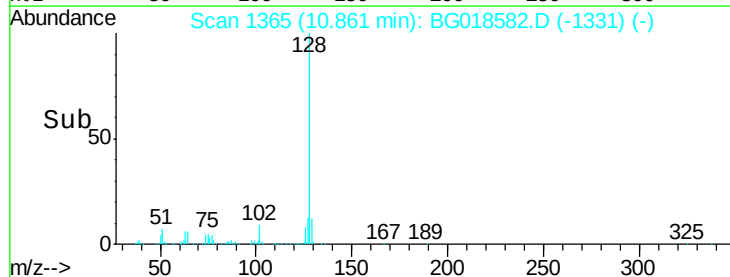
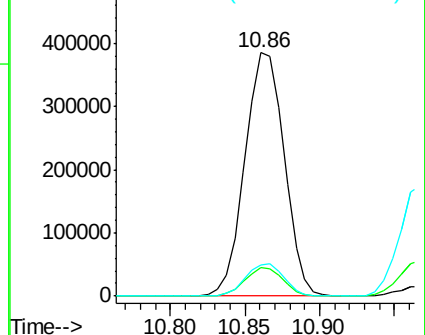
127 12.9 10.5 15.7

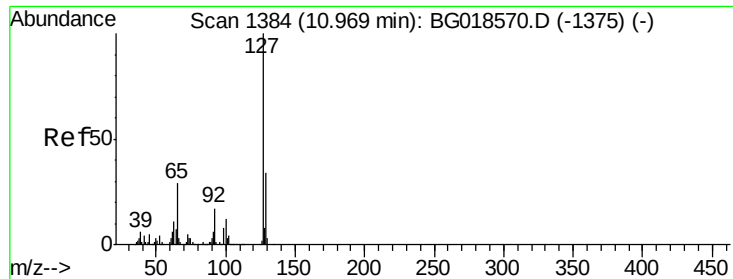


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 24.65 ng/ul

RT: 10.97 min Scan# 1383

Delta R.T. -0.00 min

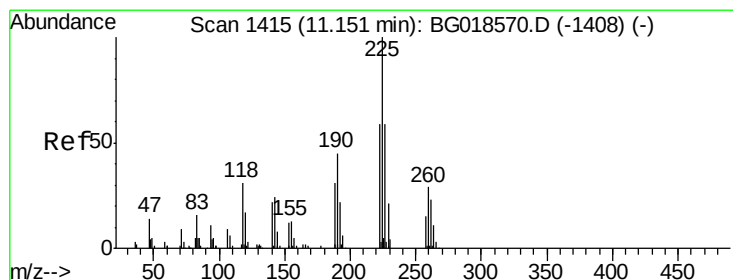
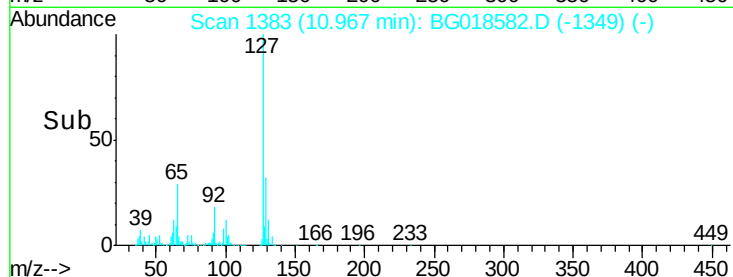
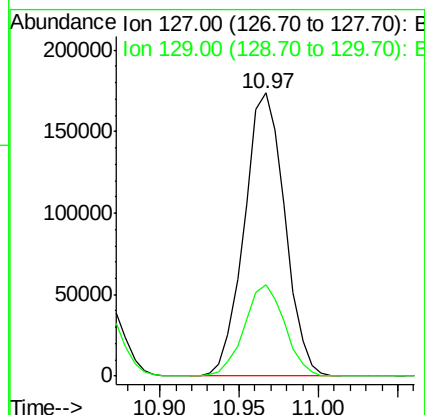
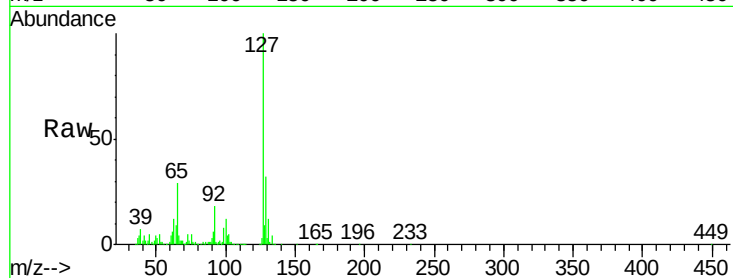
Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

Tgt Ion:127 Resp: 307502

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 127 | 100   |       |       |
| 129 | 32.1  | 26.7  | 40.1  |



#31

Hexachlorobutadiene

Concen: 19.96 ng/ul

RT: 11.15 min Scan# 1414

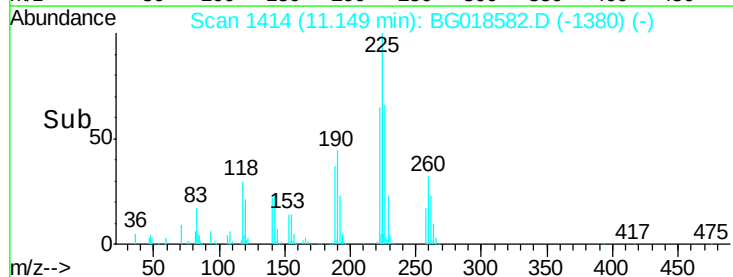
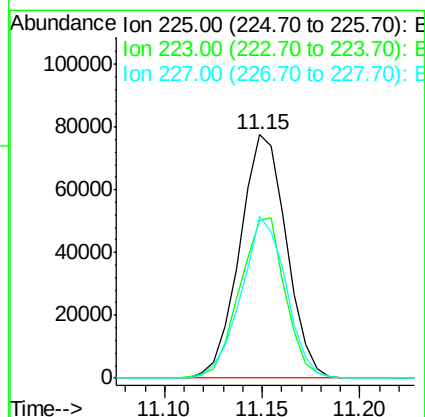
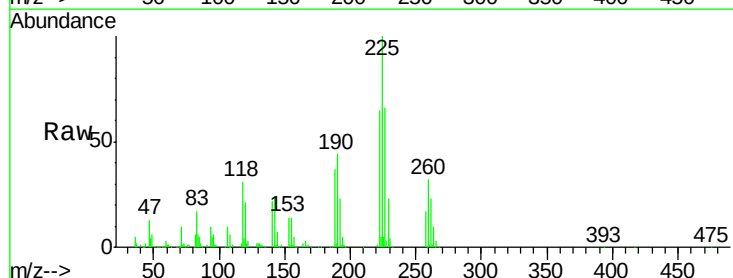
Delta R.T. -0.00 min

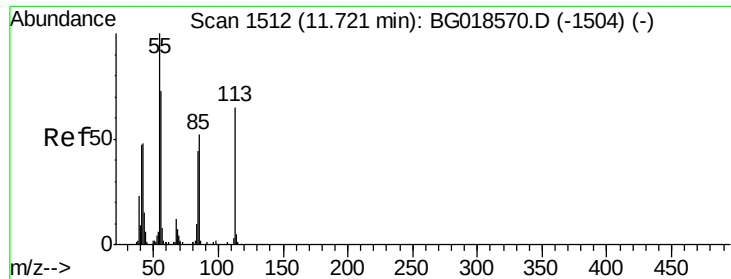
Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Tgt Ion:225 Resp: 128194

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 225 | 100   |       |       |
| 223 | 69.5  | 45.8  | 68.8# |
| 227 | 69.5  | 54.0  | 81.0  |





#32

Caprolactam

Concen: 19.67 ng/ul

RT: 11.72 min Scan# 1512

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

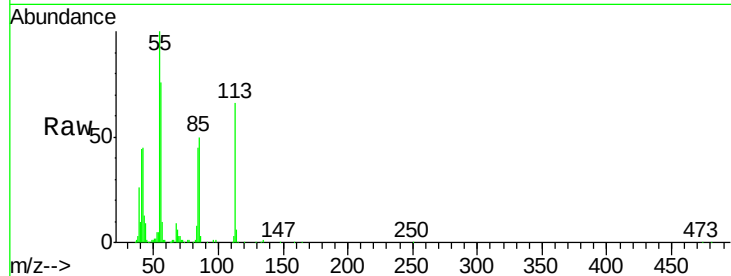
Tgt Ion:113 Resp: 80546

Ion Ratio Lower Upper

113 100

55 150.5 124.2 186.4

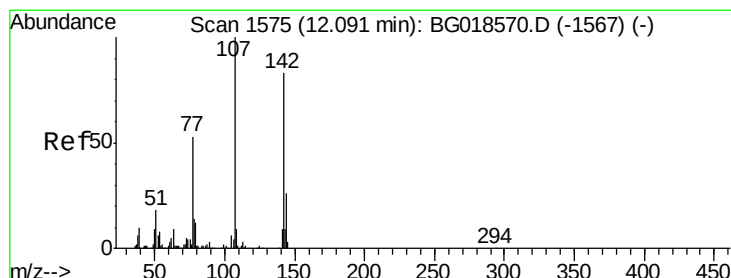
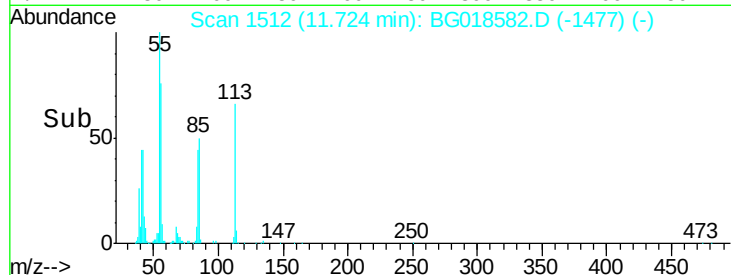
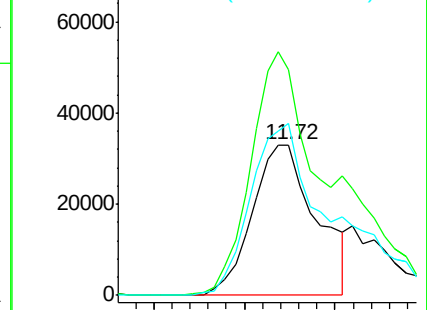
56 114.2 98.2 147.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG018570.D

Ion 56.00 (55.70 to 56.70): BG018570.D



#33

4-Chloro-3-methylphenol

Concen: 21.85 ng/ul

RT: 12.09 min Scan# 1574

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

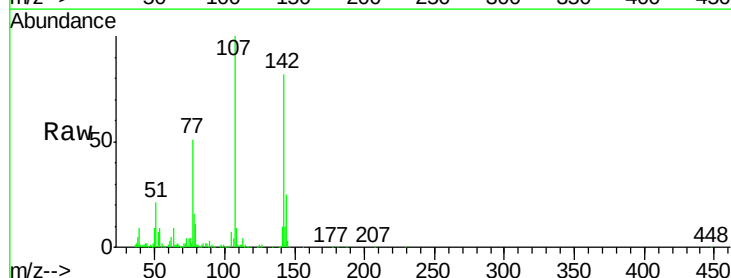
Tgt Ion:107 Resp: 257351

Ion Ratio Lower Upper

107 100

144 25.1 21.4 32.2

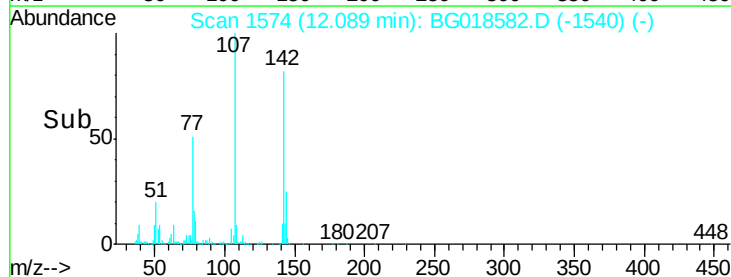
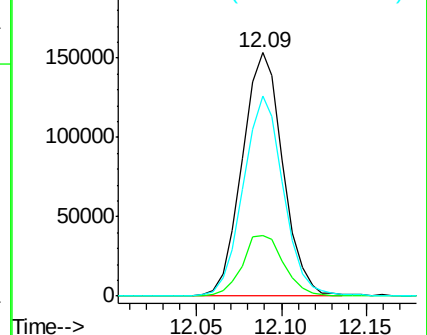
142 82.1 66.0 99.0

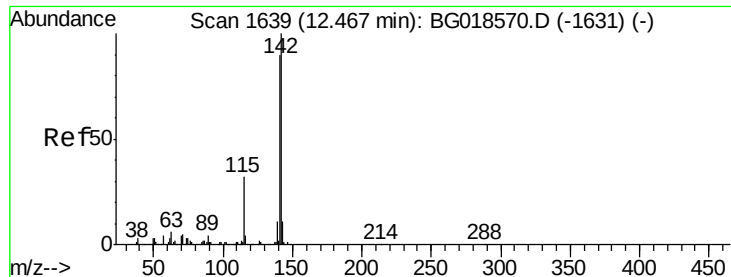


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

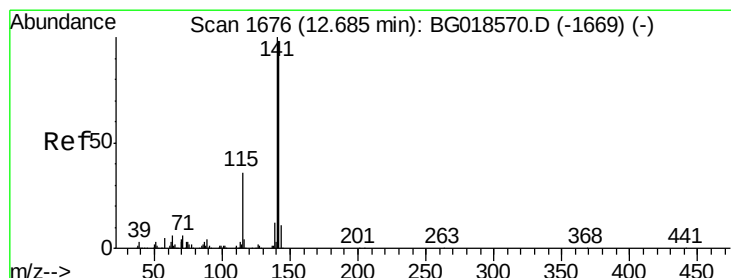
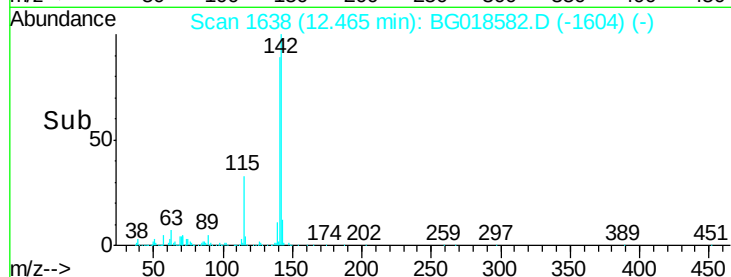
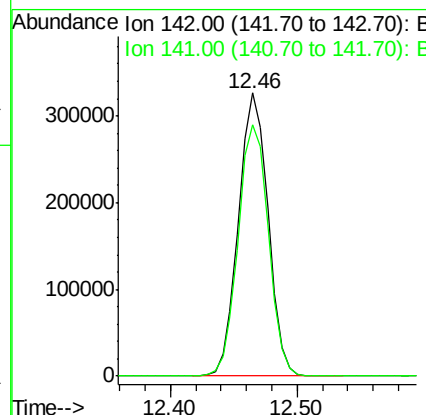
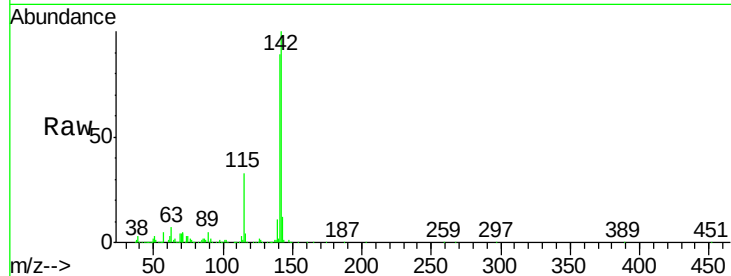




#34  
 2-Methylnaphthalene  
 Concen: 21.35 ng/ul  
 RT: 12.46 min Scan# 1638  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

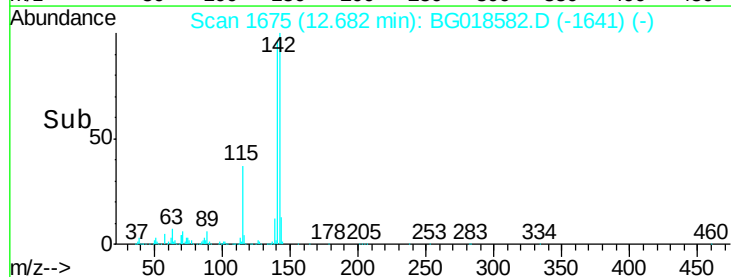
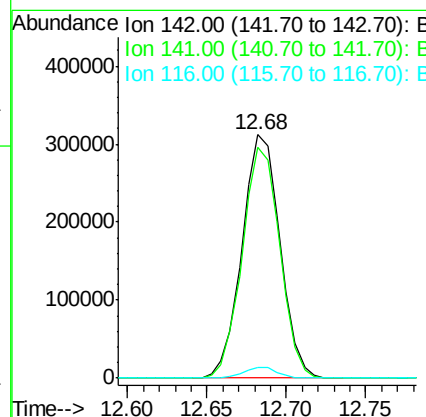
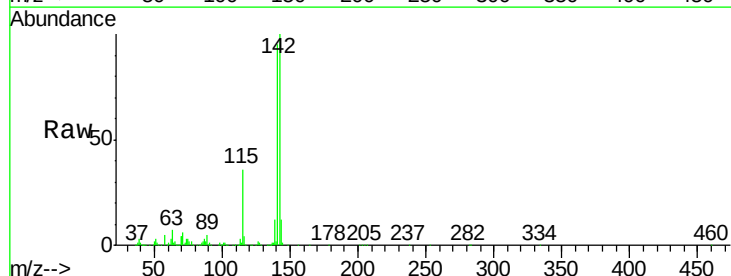
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

Tgt Ion:142 Resp: 526277  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 78.0 117.0

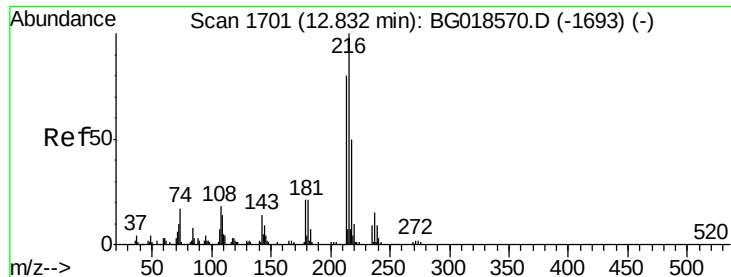


#35  
 1-Methylnaphthalene  
 Concen: 21.51 ng/ul  
 RT: 12.68 min Scan# 1675  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

Tgt Ion:142 Resp: 517861  
 Ion Ratio Lower Upper  
 142 100  
 141 95.0 77.1 115.7  
 116 4.2 3.5 5.3



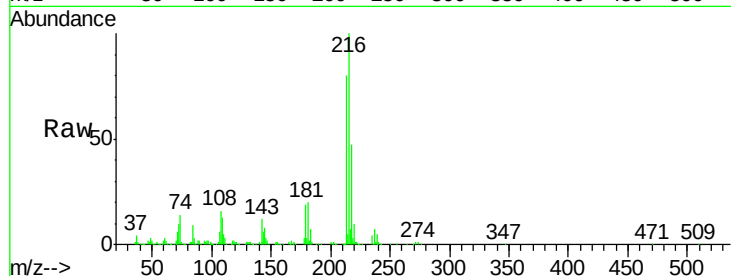




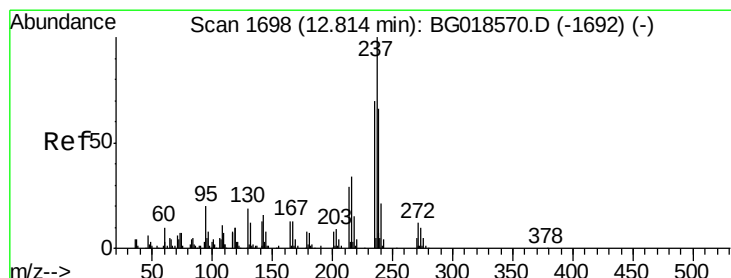
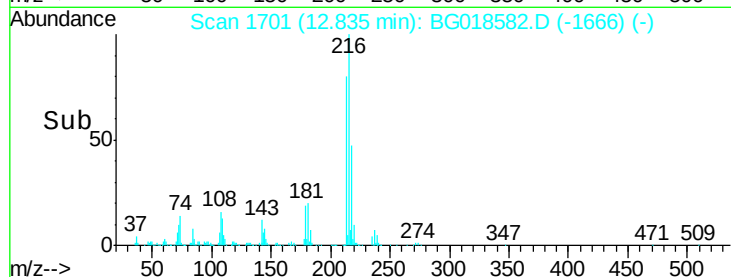
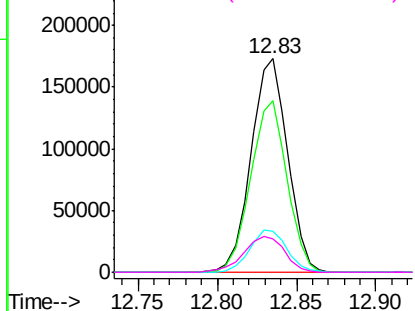
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 20.09 ng/ul  
 RT: 12.83 min Scan# 1701  
 Delta R.T. 0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 277426 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.0  | 62.5  | 93.7   |
| 179      | 19.2  | 18.2  | 27.2   |
| 108      | 15.8  | 14.6  | 22.0   |

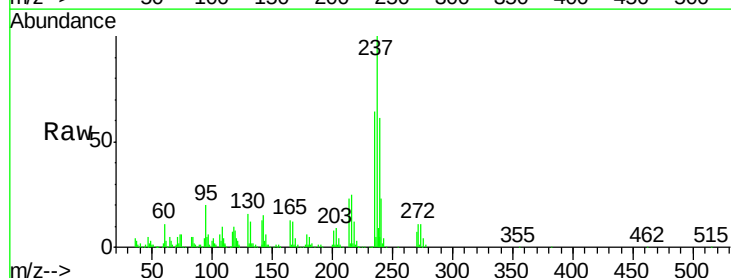


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

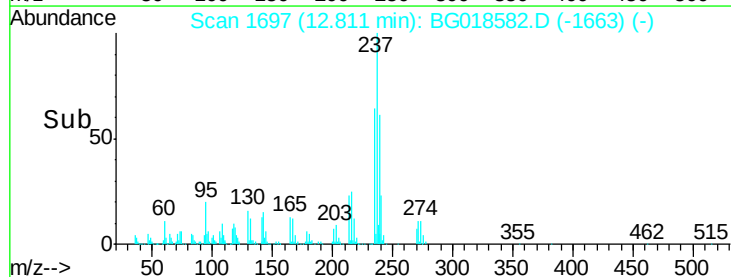
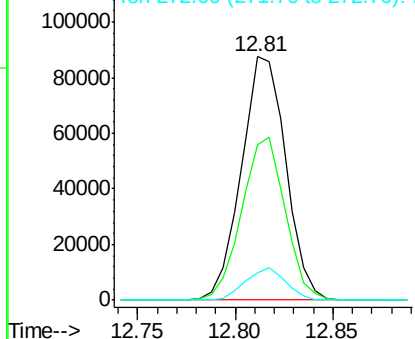


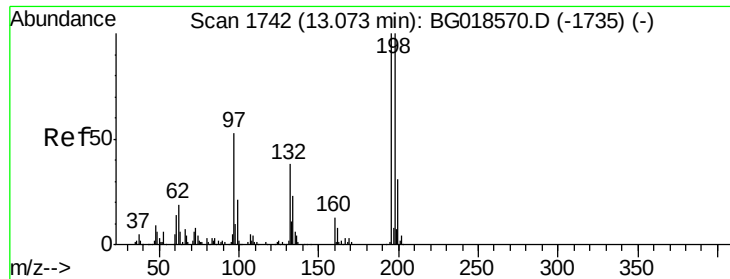
#38  
 Hexachlorocyclopentadiene  
 Concen: 16.78 ng/ul  
 RT: 12.81 min Scan# 1697  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 137943 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 63.6  | 45.6  | 68.4   |
| 272      | 12.3  | 9.0   | 13.4   |



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

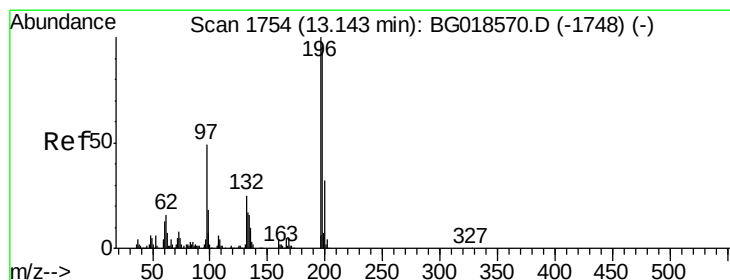
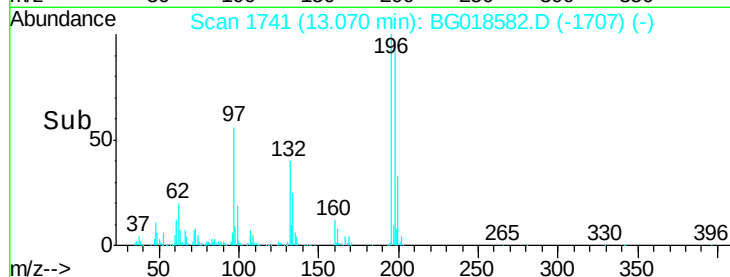
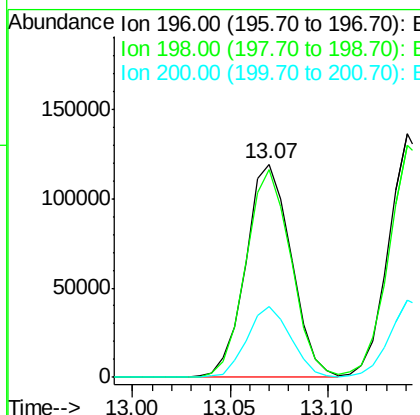
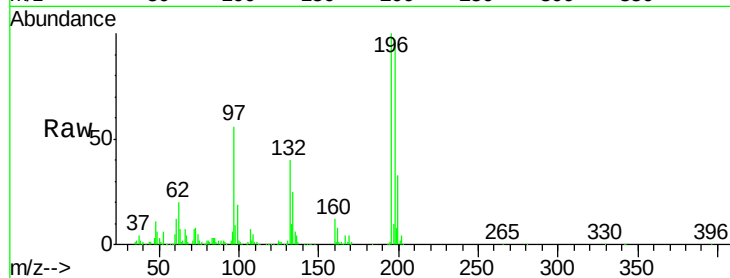




#39  
 2,4,6-Trichlorophenol  
 Concen: 20.44 ng/ul  
 RT: 13.07 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

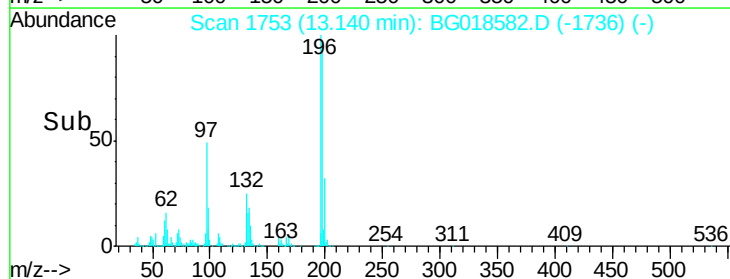
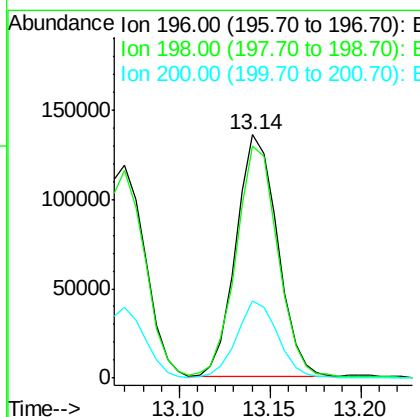
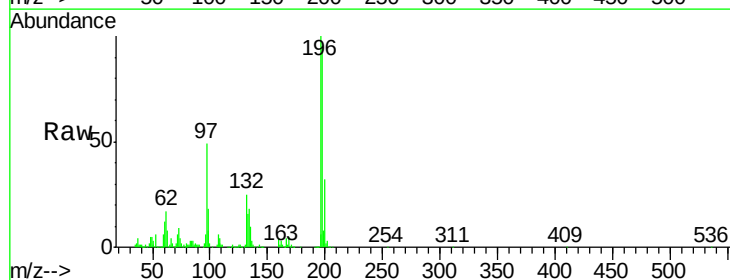
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

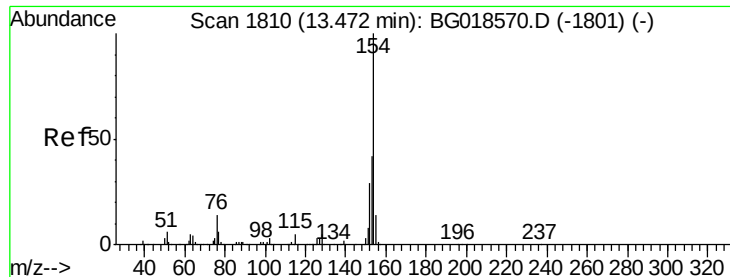
| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 192277 |       |       |
| 198     | 97.1  | 78.5   | 117.7 |       |
| 200     | 33.1  | 25.1   | 37.7  |       |



#40  
 2,4,5-Trichlorophenol  
 Concen: 21.35 ng/ul  
 RT: 13.14 min Scan# 1753  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 196     | 100   | 215917 |       |       |
| 198     | 95.3  | 74.2   | 111.4 |       |
| 200     | 31.6  | 25.2   | 37.8  |       |

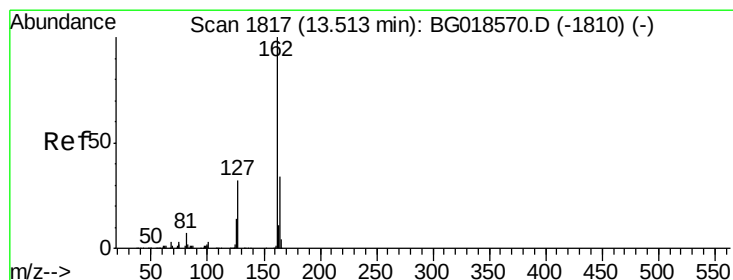
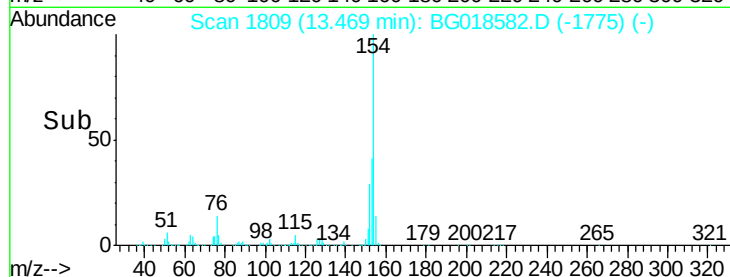
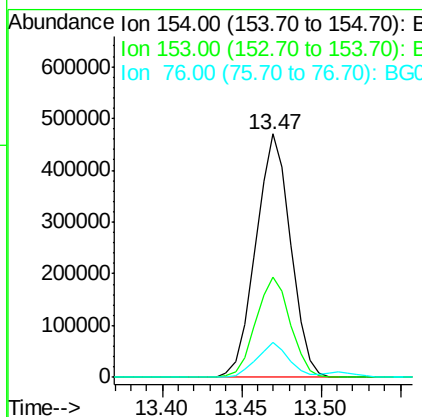
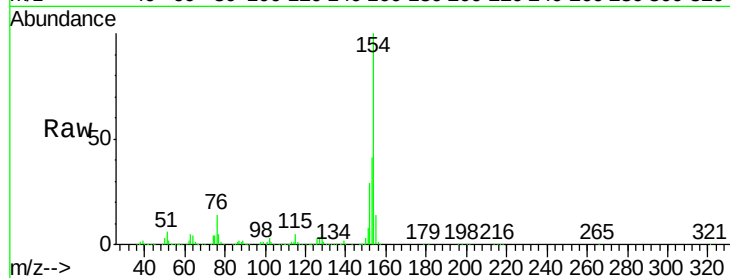




#41  
1,1'-Biphenyl  
Concen: 19.96 ng/ul  
RT: 13.47 min Scan# 1809  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

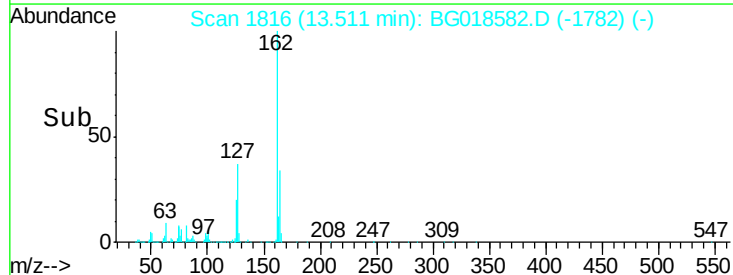
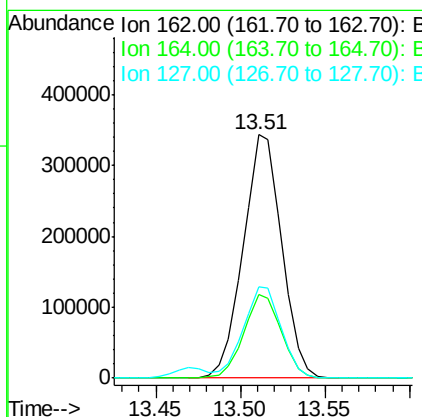
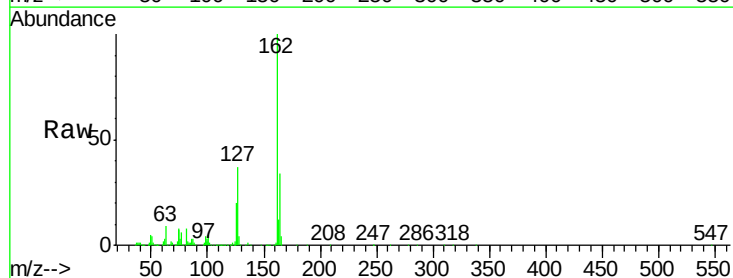
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

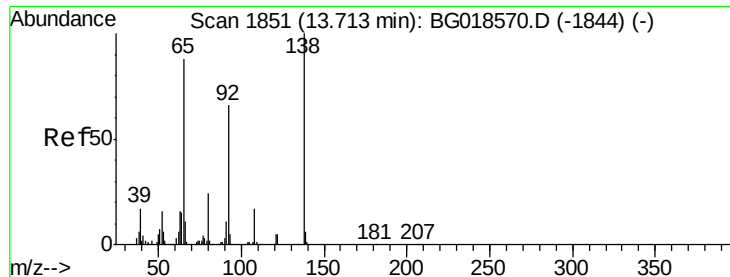
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 35.2  | 52.8  |
| 76      | 14.2  | 10.6  | 16.0  |



#42  
2-Chloronaphthalene  
Concen: 19.52 ng/ul  
RT: 13.51 min Scan# 1816  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.3  | 24.8  | 37.2  |
| 127     | 37.4  | 30.3  | 45.5  |





#43

2-Nitroaniline

Concen: 19.93 ng/ul

RT: 13.71 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

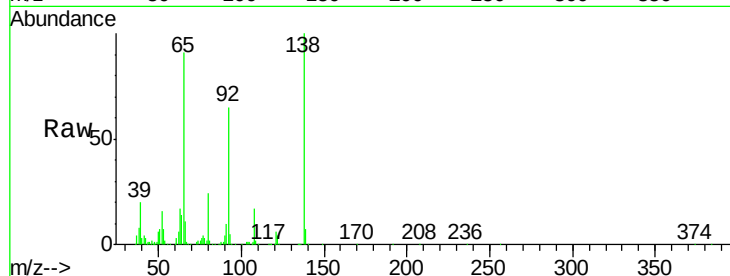
Tgt Ion: 65 Resp: 179708

Ion Ratio Lower Upper

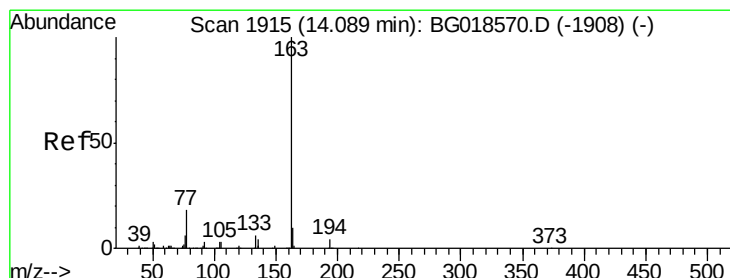
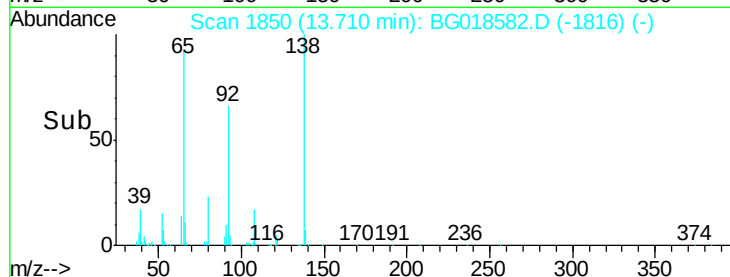
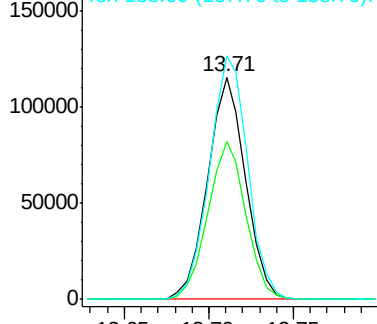
65 100

92 71.3 51.1 76.7

138 109.6 75.1 112.7



Abundance Ion 65.00 (64.70 to 65.70): BGC  
Ion 92.00 (91.70 to 92.70): BGC  
Ion 138.00 (137.70 to 138.70): BGC



#45

Dimethylphthalate

Concen: 20.70 ng/ul

RT: 14.09 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

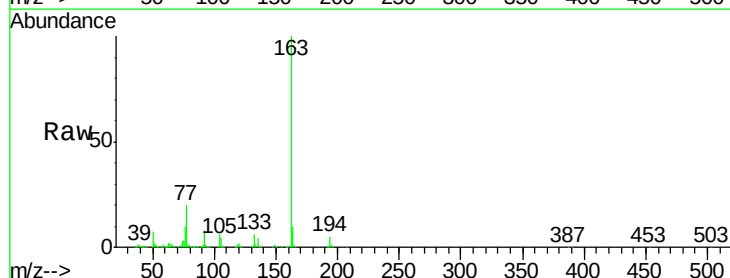
Tgt Ion: 163 Resp: 740150

Ion Ratio Lower Upper

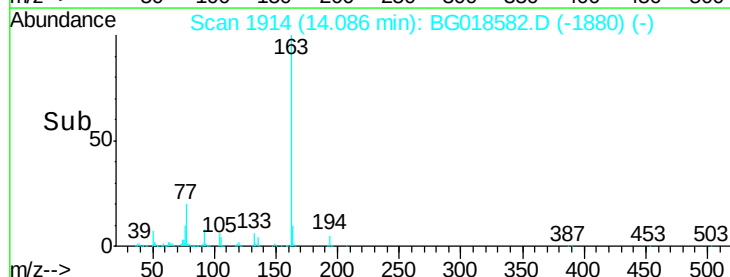
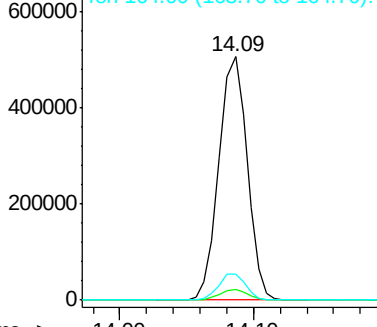
163 100

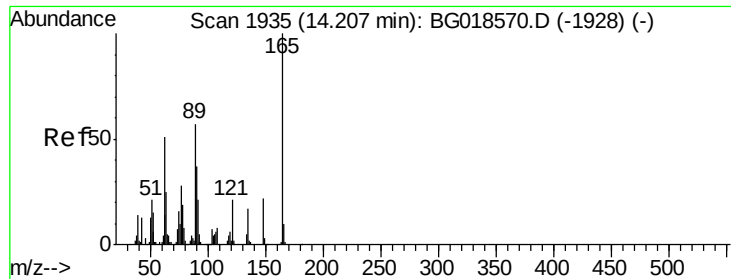
194 4.5 2.9 4.3#

164 10.5 7.7 11.5



Abundance Ion 163.00 (162.70 to 163.70): BGC  
Ion 194.00 (193.70 to 194.70): BGC  
Ion 164.00 (163.70 to 164.70): BGC

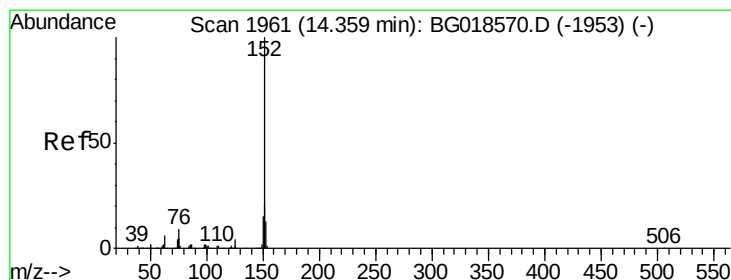
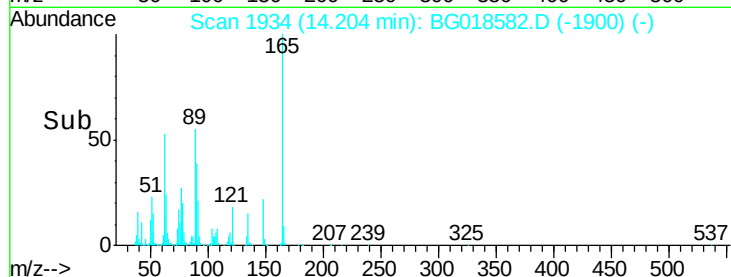
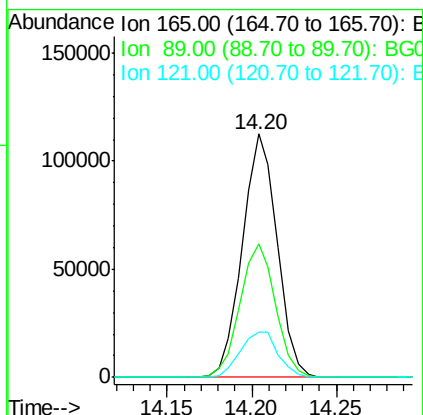
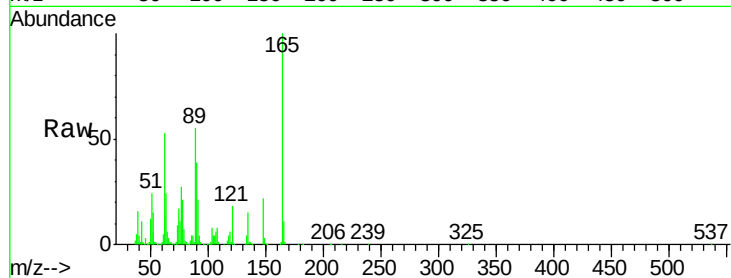




#46  
 2,6-Dinitrotoluene  
 Concen: 22.59 ng/ul  
 RT: 14.20 min Scan# 1934  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

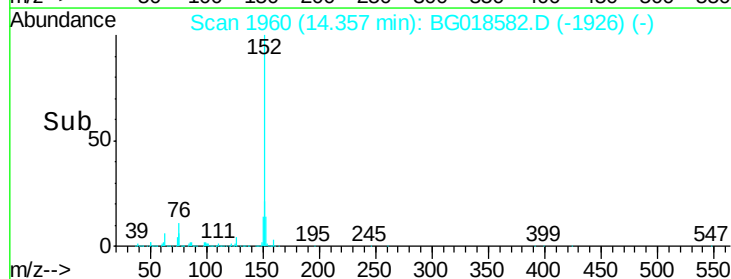
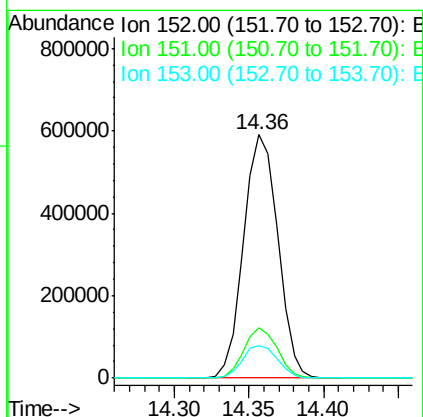
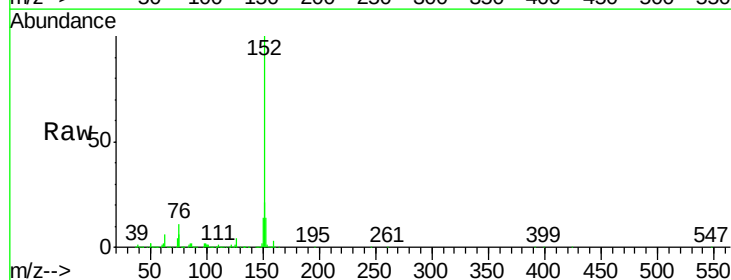
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

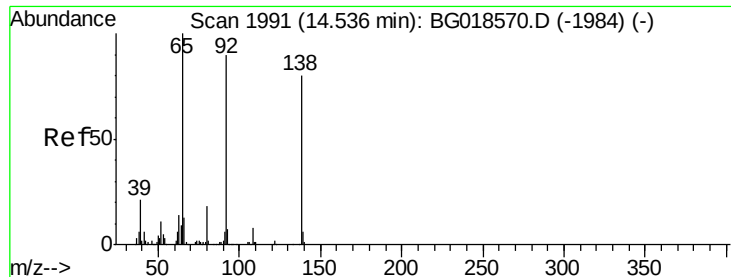
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 89      | 55.1  | 50.2  | 75.2  |
| 121     | 18.4  | 19.4  | 29.2  |



#48  
 Acenaphthylene  
 Concen: 20.51 ng/ul  
 RT: 14.36 min Scan# 1960  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.5  | 15.4  | 23.2  |
| 153     | 13.5  | 10.8  | 16.2  |





#49

3-Nitroaniline

Concen: 25.26 ng/ul

RT: 14.53 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

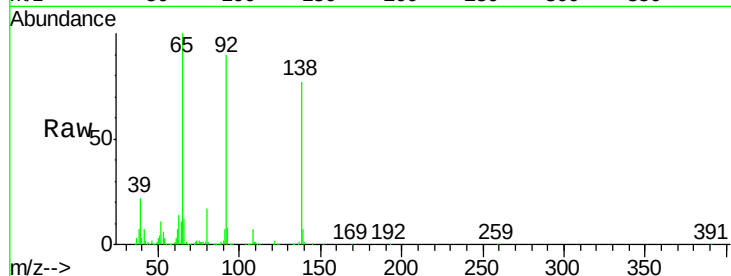
Tgt Ion:138 Resp: 183462

Ion Ratio Lower Upper

138 100

108 9.5 9.4 14.0

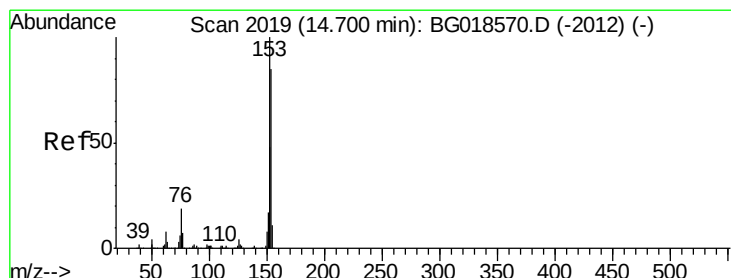
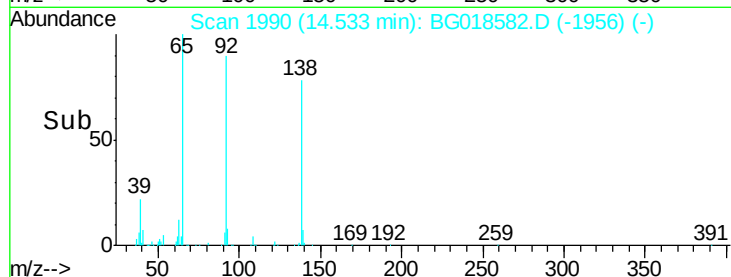
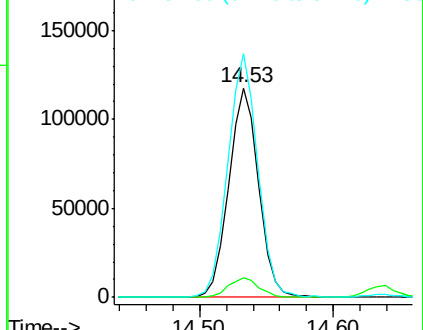
92 116.2 102.8 154.2



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): BGC



#50

Acenaphthene

Concen: 19.83 ng/ul

RT: 14.70 min Scan# 2018

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

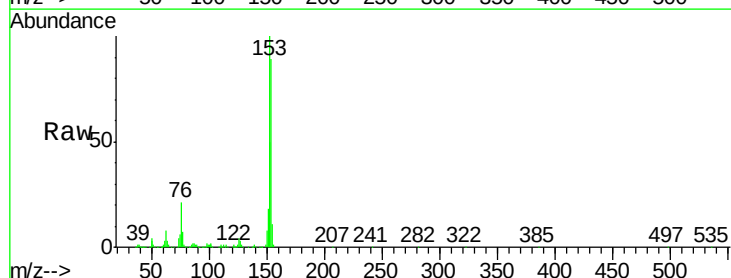
Tgt Ion:153 Resp: 636888

Ion Ratio Lower Upper

153 100

152 50.0 38.2 57.4

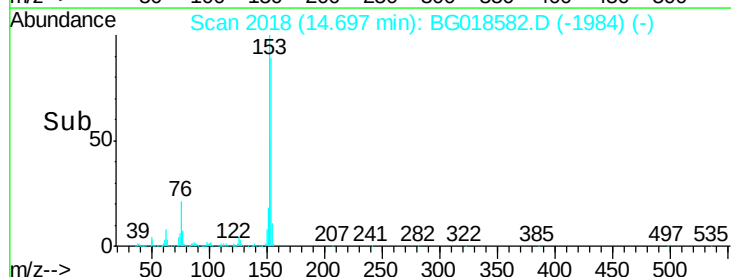
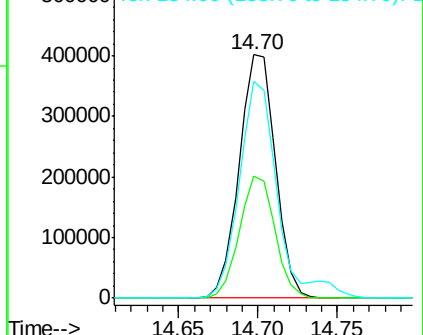
154 88.8 68.6 103.0

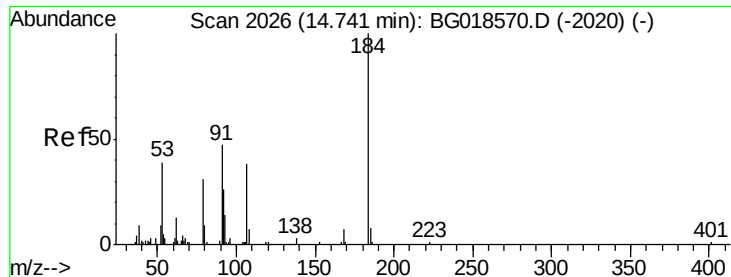


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

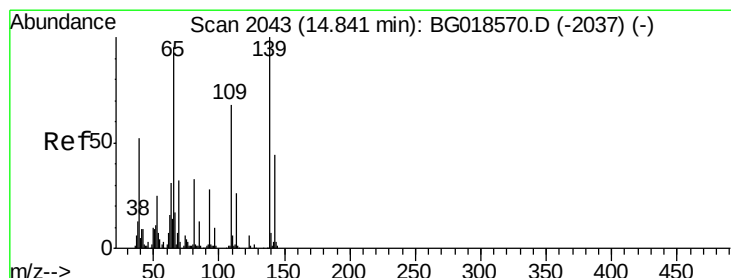
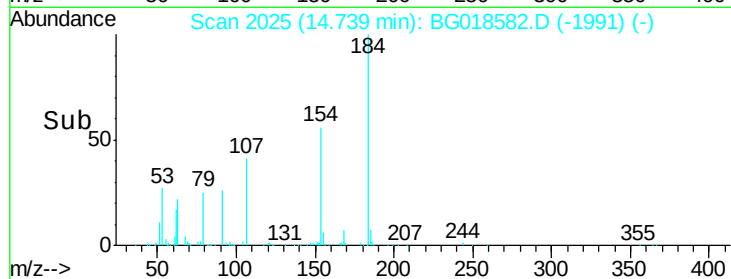
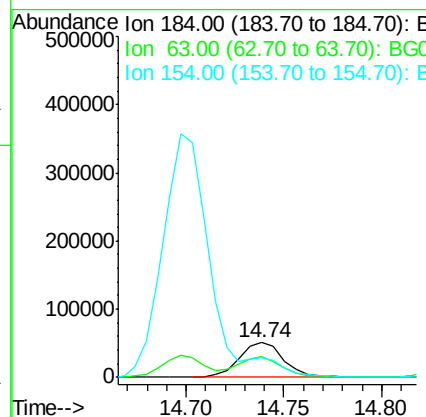
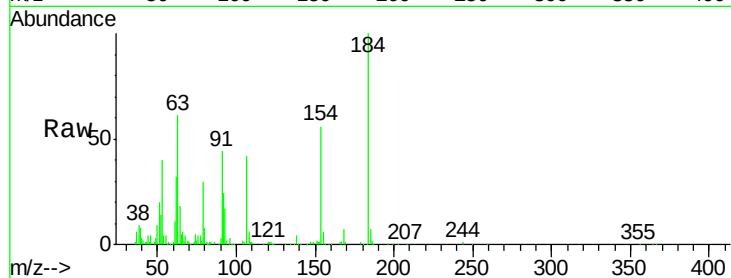




#51  
2,4-Dinitrophenol  
Concen: 23.26 ng/ul  
RT: 14.74 min Scan# 2025  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

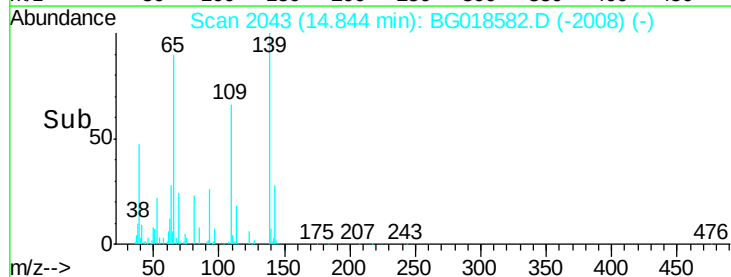
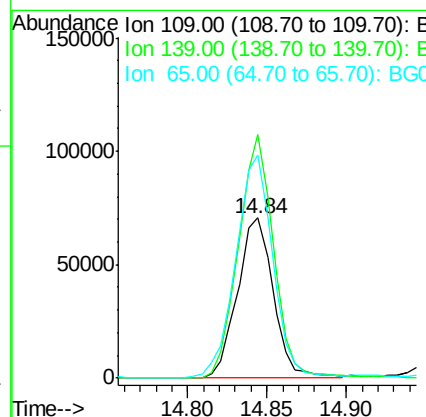
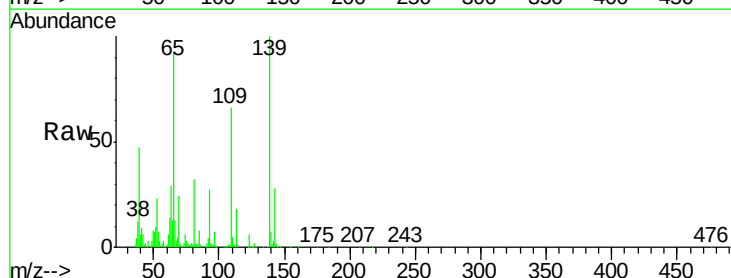
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

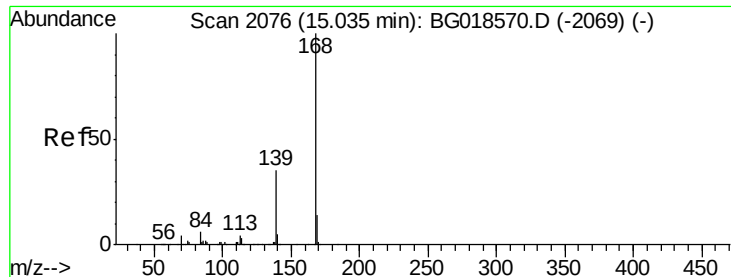
Tgt Ion:184 Resp: 80751  
Ion Ratio Lower Upper  
184 100  
63 60.7 55.3 82.9  
154 55.8 58.2 87.2#



#53  
4-Nitrophenol  
Concen: 19.58 ng/ul  
RT: 14.84 min Scan# 2043  
Delta R.T. 0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

Tgt Ion:109 Resp: 110956  
Ion Ratio Lower Upper  
109 100  
139 151.9 111.3 166.9  
65 139.0 105.3 157.9





#54

Dibenzofuran

Concen: 20.80 ng/ul

RT: 15.03 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

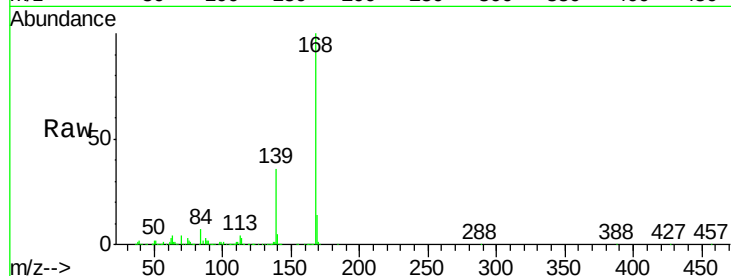
SSTD02024

Tgt Ion:168 Resp: 872848

Ion Ratio Lower Upper

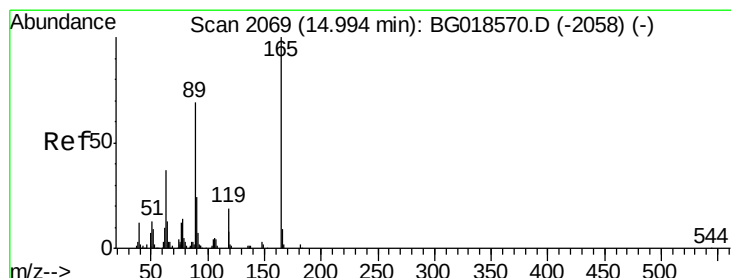
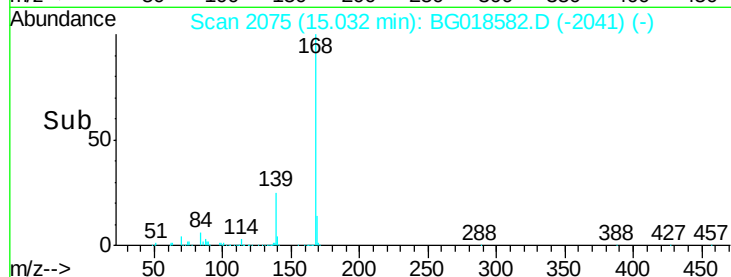
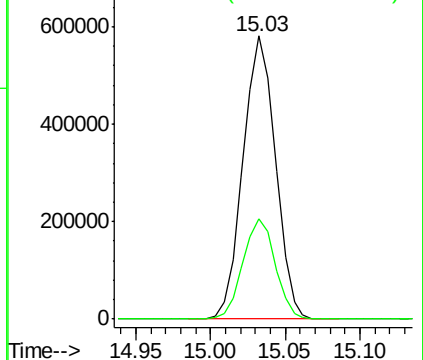
168 100

139 35.5 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: 23.36 ng/ul

RT: 14.99 min Scan# 2068

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

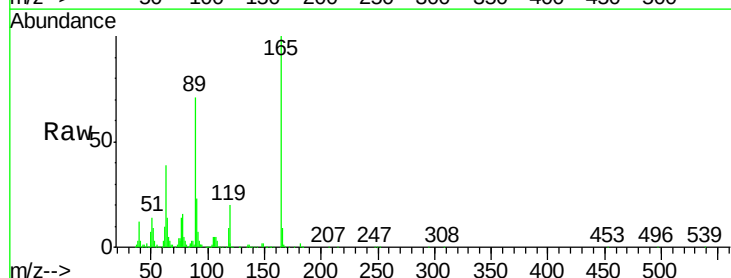
Tgt Ion:165 Resp: 237319

Ion Ratio Lower Upper

165 100

63 39.0 36.7 55.1

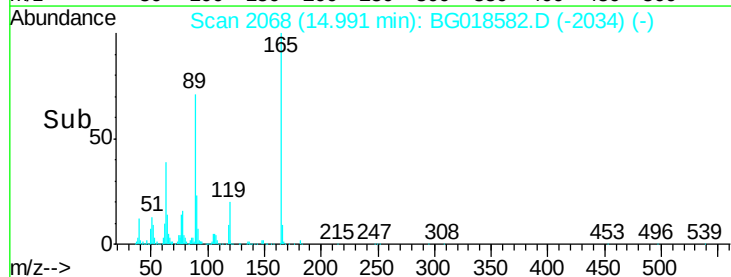
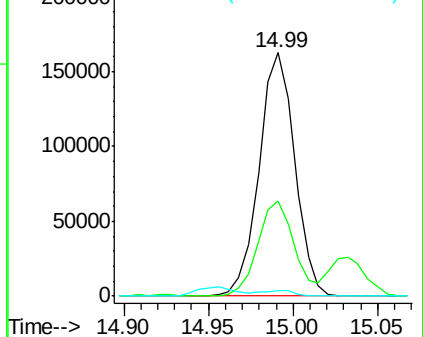
182 2.4 2.2 3.2



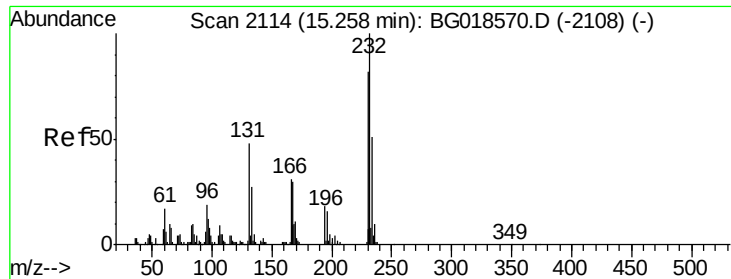
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG018582.D (-2034) (-)

Ion 182.00 (181.70 to 182.70): E



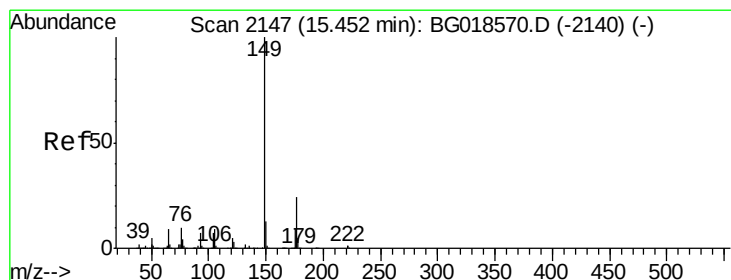
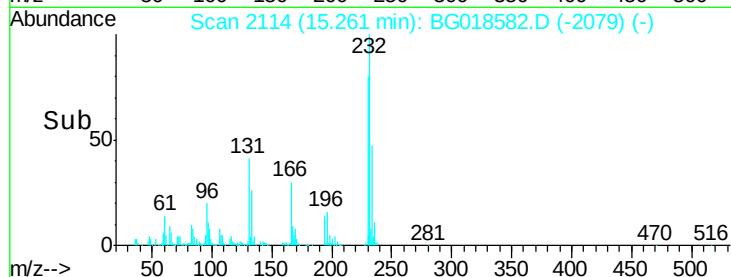
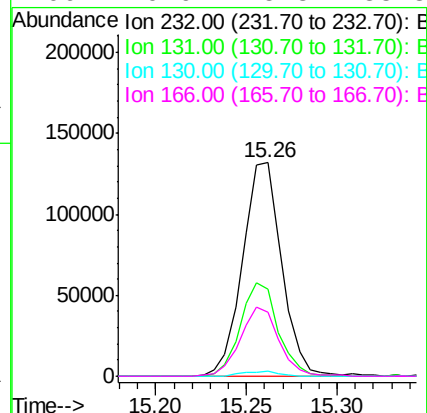
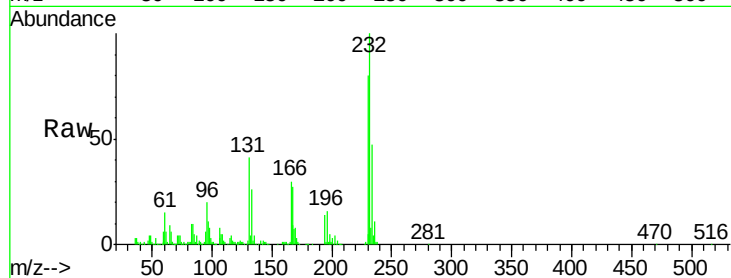




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 22.46 ng/ul  
 RT: 15.26 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

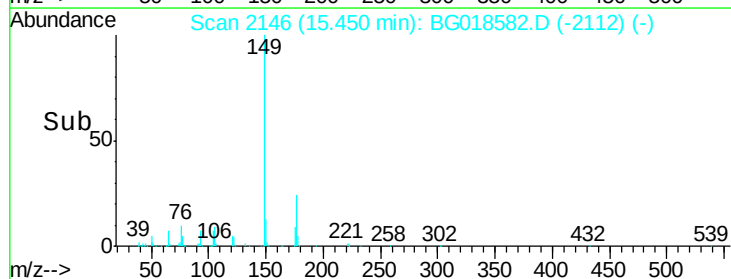
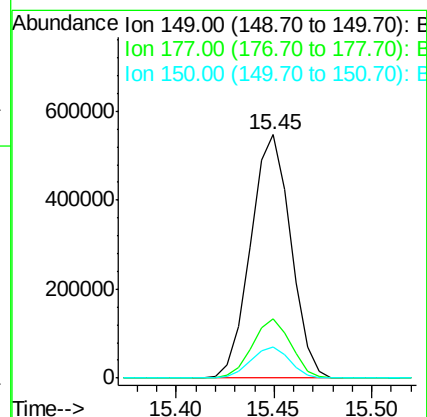
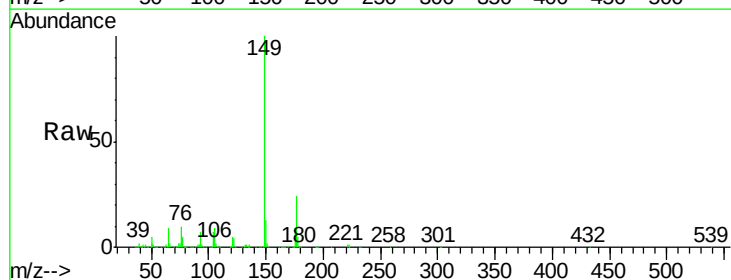
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

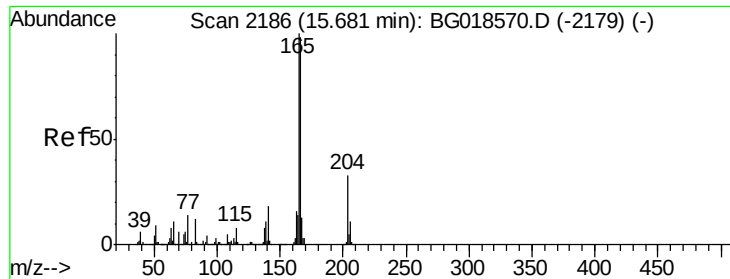
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 197908 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 41.0  | 37.4  | 56.0   |
| 130      | 2.2   | 1.4   | 2.0#   |
| 166      | 29.9  | 25.8  | 38.8   |



#57  
 Diethylphthalate  
 Concen: 20.51 ng/ul  
 RT: 15.45 min Scan# 2146  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 779059 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 24.1  | 18.2  | 27.4   |
| 150      | 12.8  | 9.7   | 14.5   |





#59

Fluorene

Concen: 20.67 ng/ul

RT: 15.68 min Scan# 2185

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

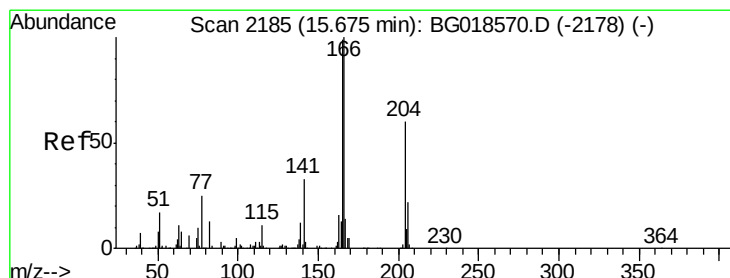
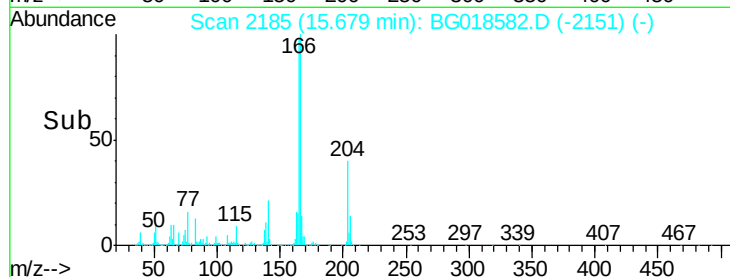
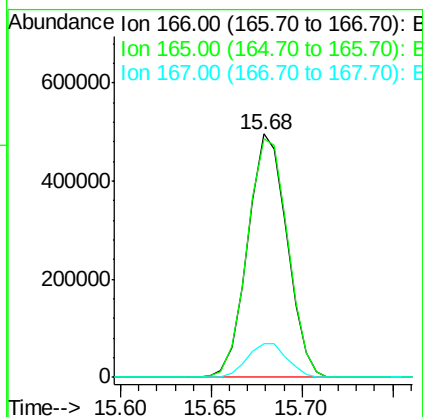
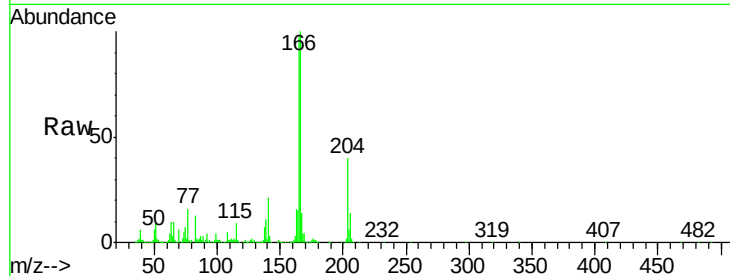
Tgt Ion:166 Resp: 746172

Ion Ratio Lower Upper

166 100

165 98.0 82.6 124.0

167 13.9 11.4 17.0



#60

4-Chlorophenyl-phenylether

Concen: 20.73 ng/ul

RT: 15.67 min Scan# 2184

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

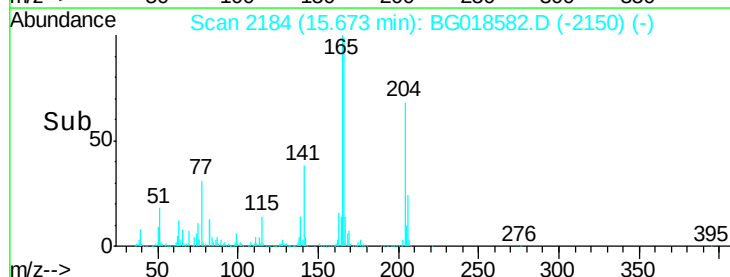
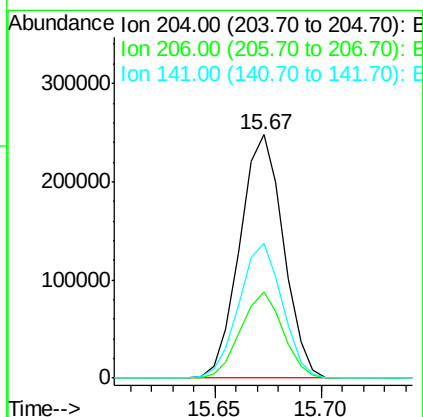
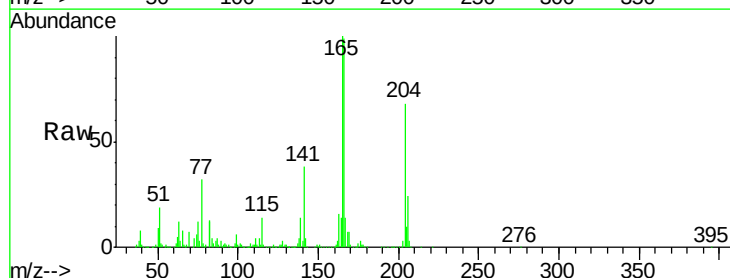
Tgt Ion:204 Resp: 354142

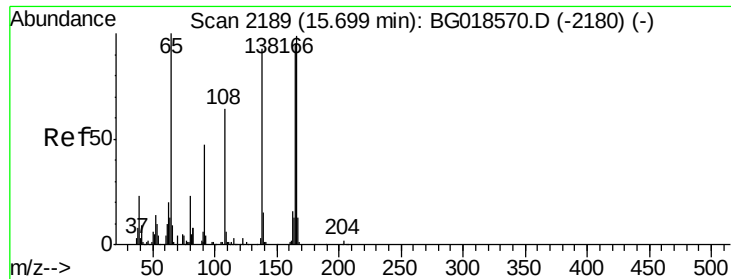
Ion Ratio Lower Upper

204 100

206 35.2 27.1 40.7

141 55.5 47.1 70.7

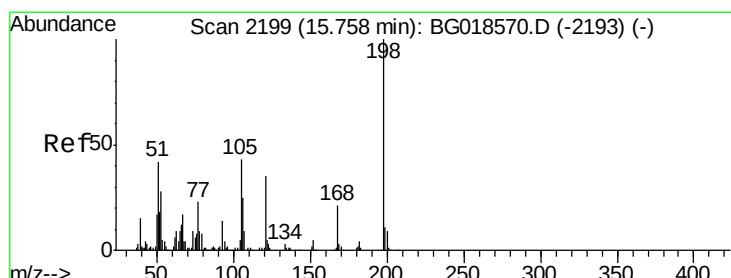
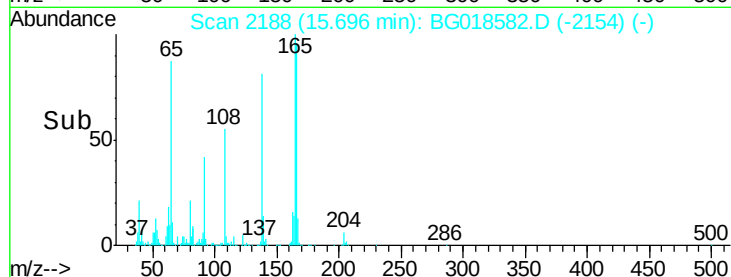
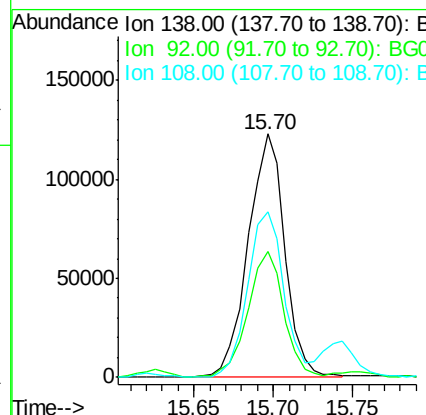
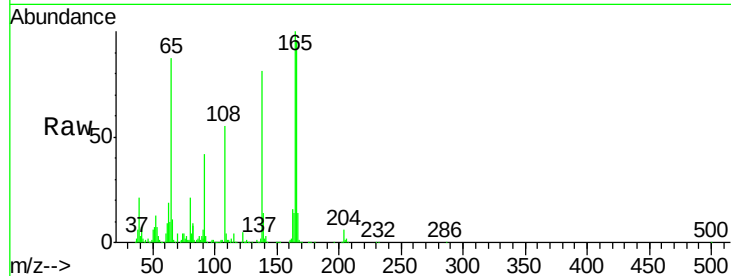




#61  
4-Nitroaniline  
Concen: 24.58 ng/ul  
RT: 15.70 min Scan# 2188  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

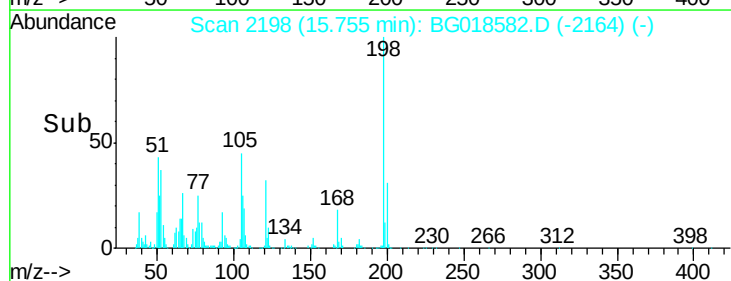
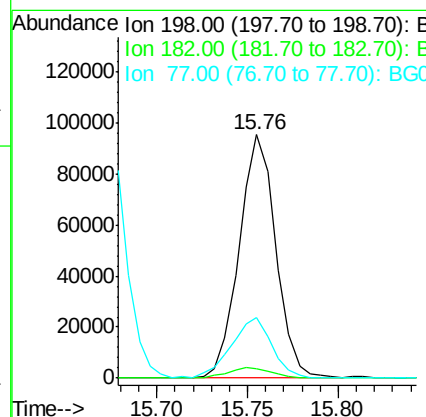
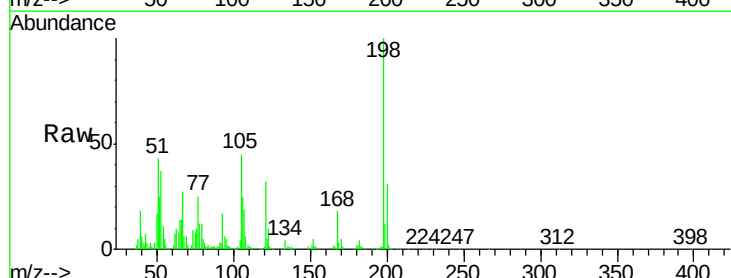
Instrument :  
BNA\_G  
ClientSampleId :  
SSTD02024

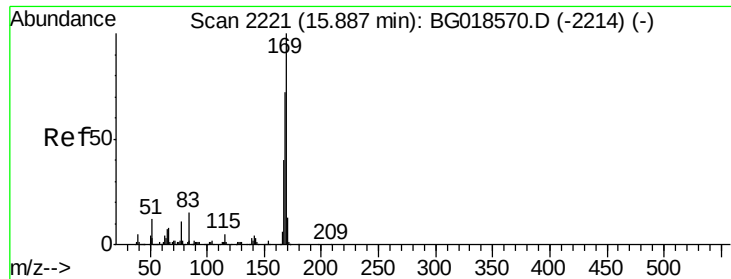
Tgt Ion:138 Resp: 197131  
Ion Ratio Lower Upper  
138 100  
92 51.9 44.0 66.0  
108 67.8 64.6 97.0



#64  
4,6-Dinitro-2-methylphenol  
Concen: 23.18 ng/ul  
RT: 15.76 min Scan# 2198  
Delta R.T. -0.00 min  
Lab File: BG018582.D  
Acq: 2 Sep 2015 3:49

Tgt Ion:198 Resp: 133872  
Ion Ratio Lower Upper  
198 100  
182 3.9 3.4 5.0  
77 25.1 22.4 33.6





#65

N-Nitrosodiphenylamine

Concen: 19.70 ng/ul

RT: 15.88 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

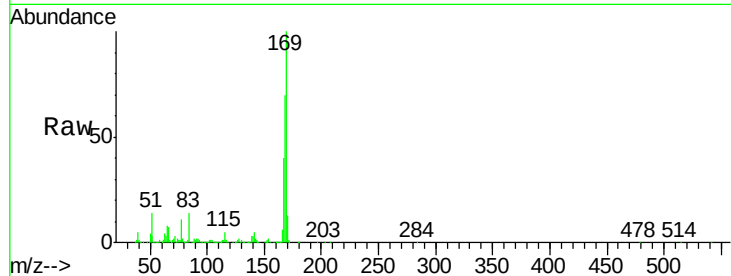
Tgt Ion:169 Resp: 652406

Ion Ratio Lower Upper

169 100

168 70.2 60.2 90.2

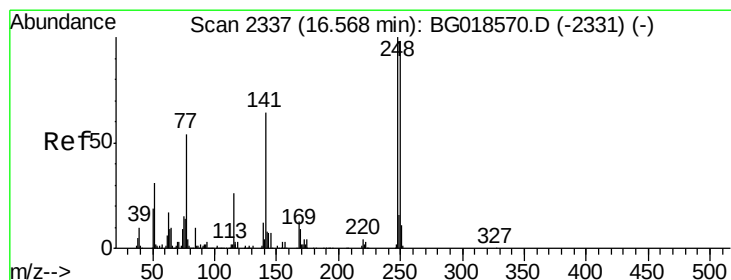
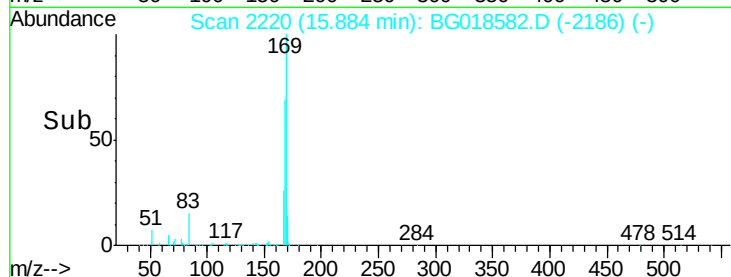
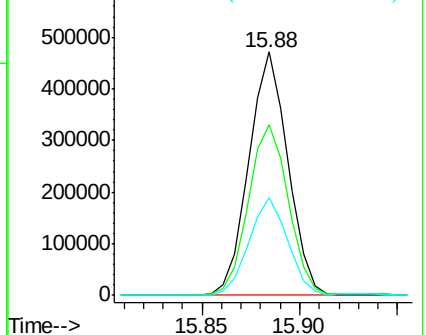
167 39.9 33.4 50.2



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: 20.13 ng/ul

RT: 16.57 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

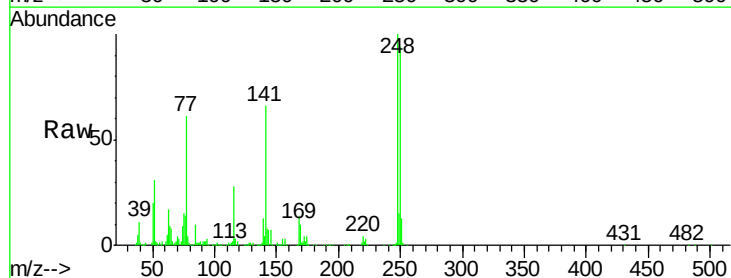
Tgt Ion:248 Resp: 239697

Ion Ratio Lower Upper

248 100

250 94.2 76.4 114.6

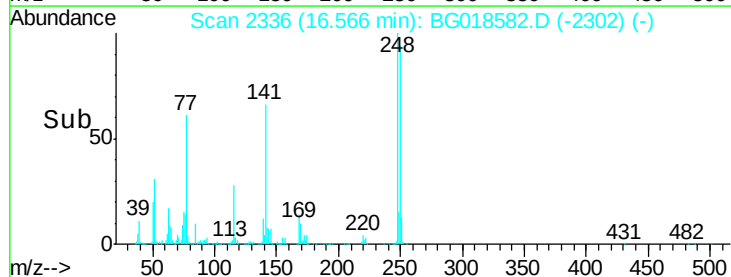
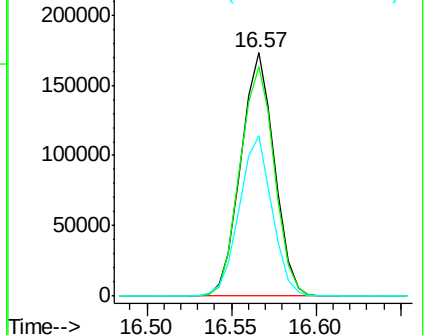
141 65.7 58.6 87.8

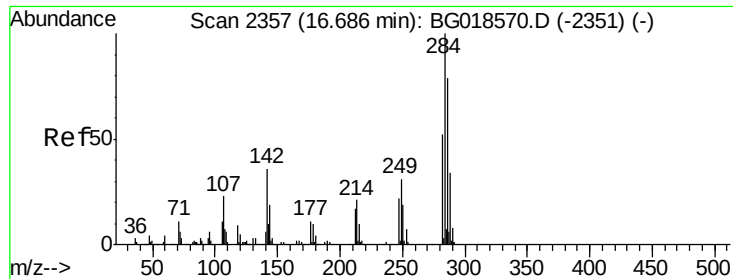


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 20.59 ng/ul

RT: 16.69 min Scan# 2357

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

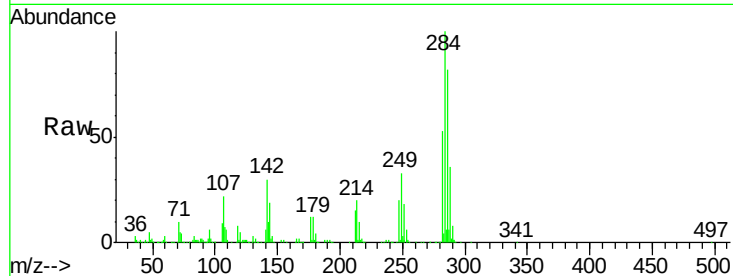
Tgt Ion:284 Resp: 259289

Ion Ratio Lower Upper

284 100

142 27.9 28.6 42.8#

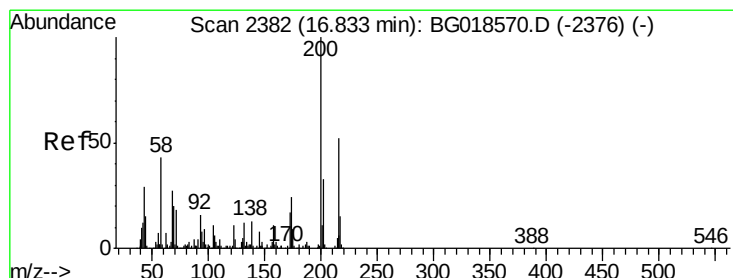
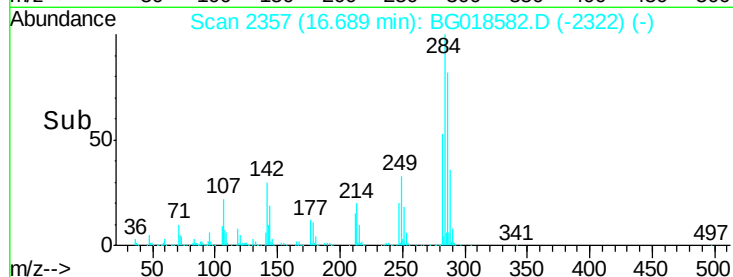
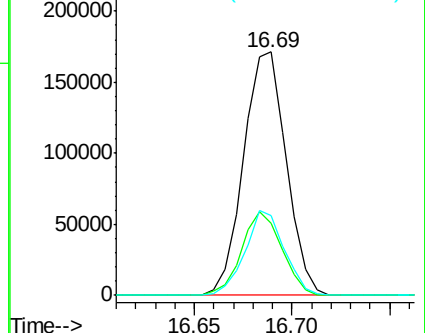
249 33.3 26.2 39.4



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: 23.68 ng/ul

RT: 16.83 min Scan# 2381

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

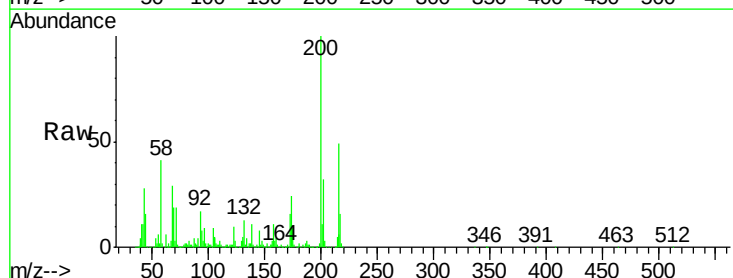
Tgt Ion:200 Resp: 293584

Ion Ratio Lower Upper

200 100

173 24.4 19.0 28.4

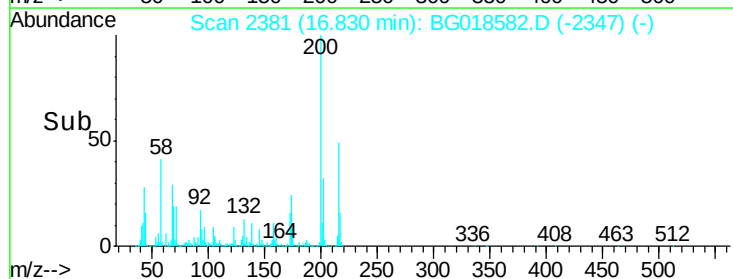
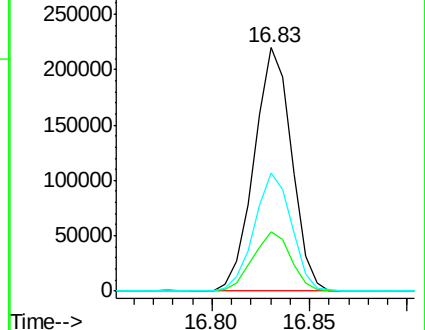
215 48.8 37.4 56.2

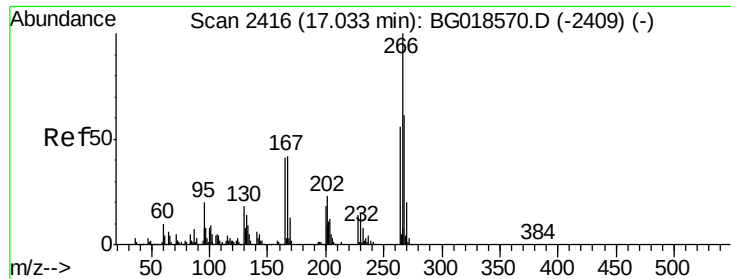


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

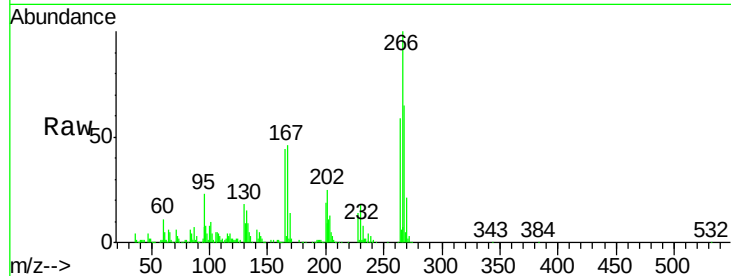




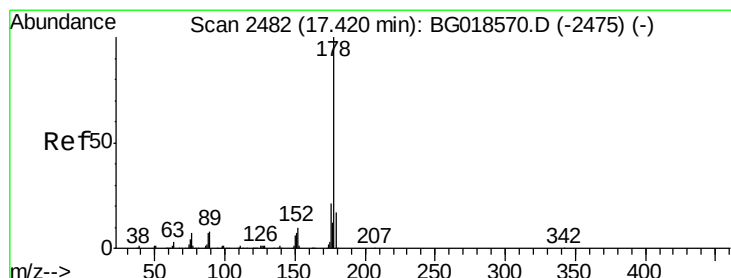
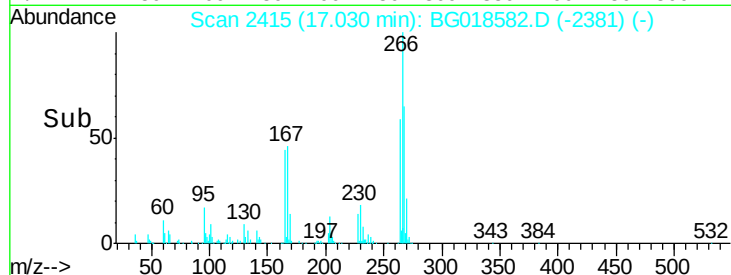
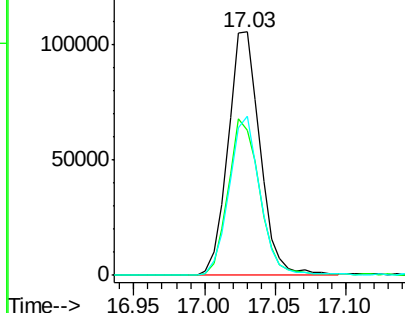
#69  
 Pentachlorophenol  
 Concen: 19.77 ng/ul  
 RT: 17.03 min Scan# 2415  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

Instrument :  
 BNA\_G  
 ClientSampleId :  
 SST02024

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 59.4  | 55.4  | 83.0  |
| 268     | 65.1  | 53.6  | 80.4  |

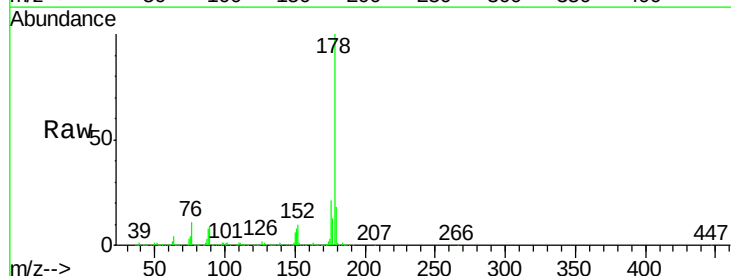


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

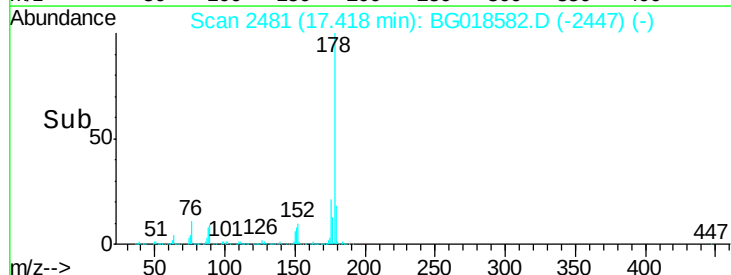
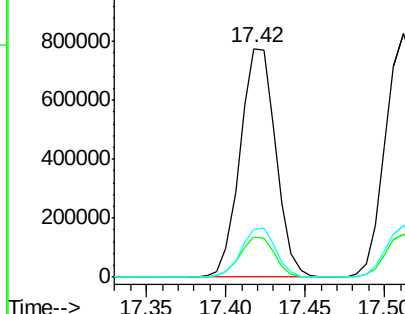


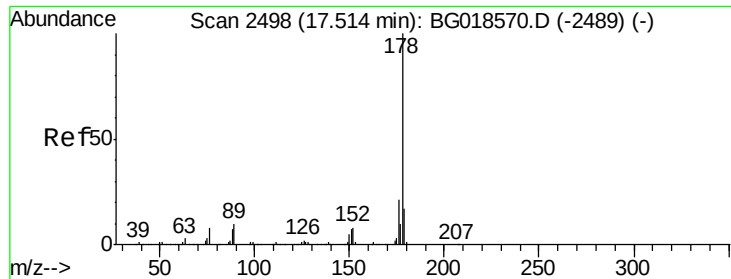
#70  
 Phenanthrene  
 Concen: 20.15 ng/ul  
 RT: 17.42 min Scan# 2481  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 17.6  | 13.7  | 20.5  |
| 176     | 20.8  | 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

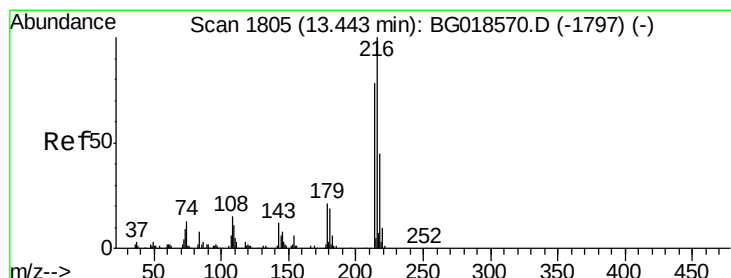
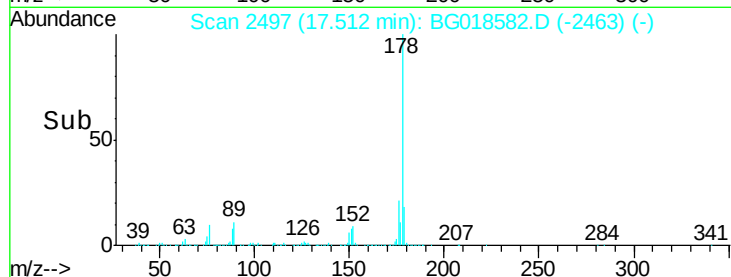
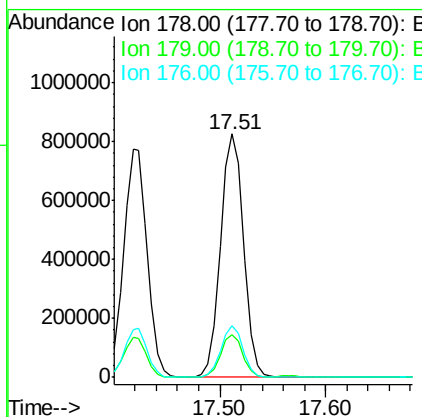
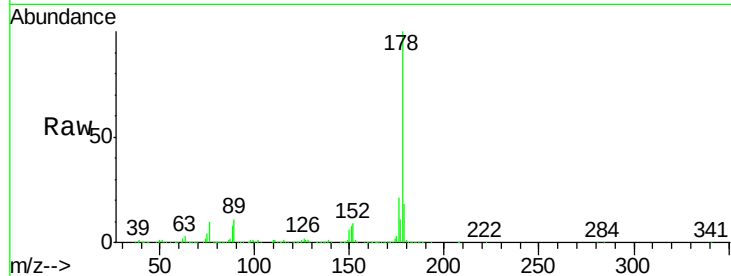




#72  
 Anthracene  
 Concen: 20.54 ng/uL  
 RT: 17.51 min Scan# 2497  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

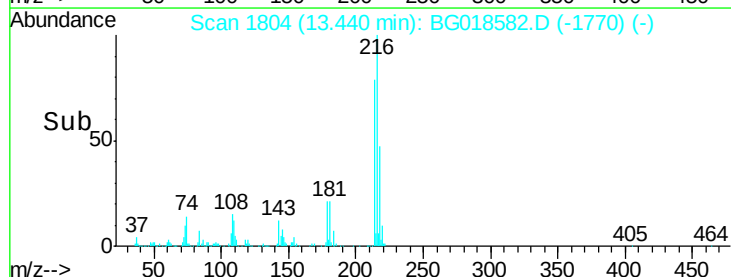
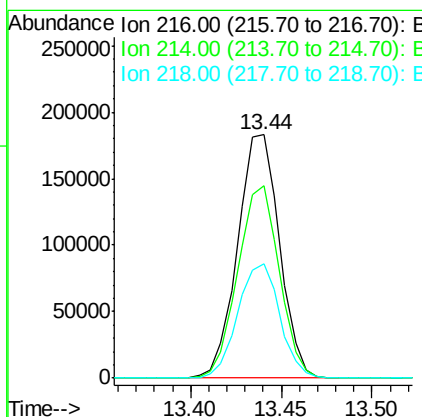
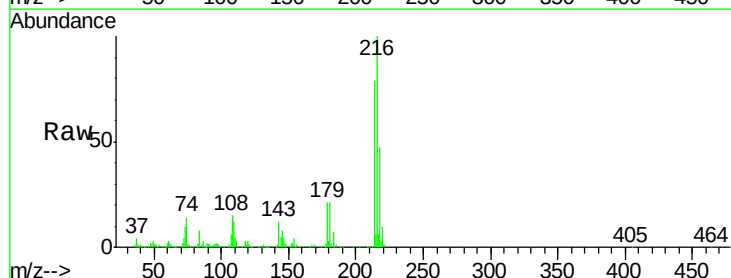
Instrument :  
 BNA\_G  
 ClientSampleId :  
 SSTD02024

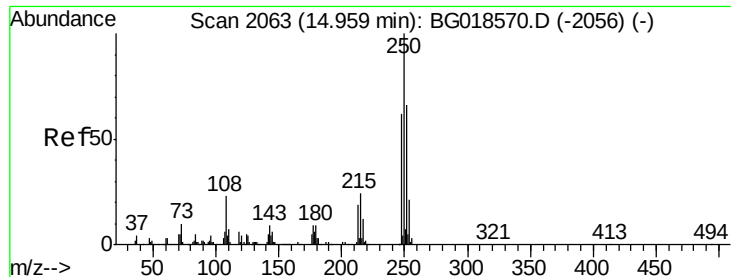
Tgt Ion:178 Resp: 1250505  
 Ion Ratio Lower Upper  
 178 100  
 179 17.5 13.0 19.4  
 176 21.4 16.0 24.0



#73  
 1,2,3,4-Tetrachlorobenzene  
 Concen: 19.33 ng/uL  
 RT: 13.44 min Scan# 1804  
 Delta R.T. -0.00 min  
 Lab File: BG018582.D  
 Acq: 2 Sep 2015 3:49

Tgt Ion:216 Resp: 294505  
 Ion Ratio Lower Upper  
 216 100  
 214 79.0 64.0 96.0  
 218 47.2 38.7 58.1





#74

Pentachlorobenzene

Concen: 19.21 ng/uL

RT: 14.96 min Scan# 2062

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

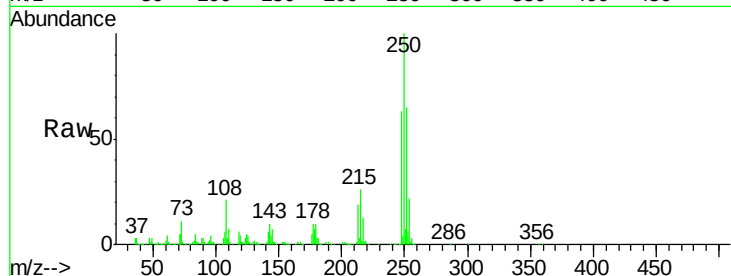
Tgt Ion:250 Resp: 279471

Ion Ratio Lower Upper

250 100

248 62.8 45.8 68.8

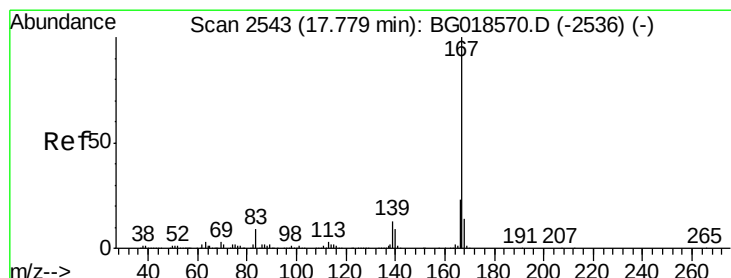
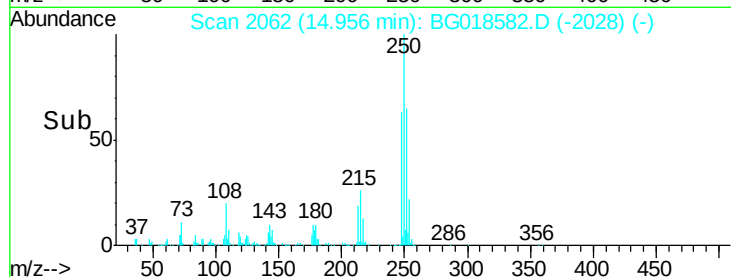
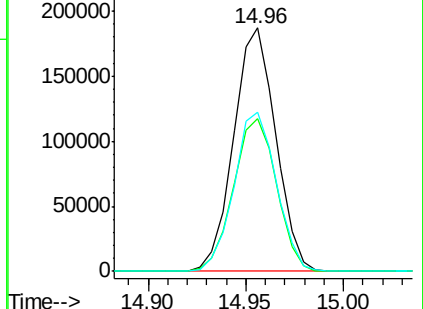
252 65.5 50.4 75.6



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: 22.81 ng/uL

RT: 17.78 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

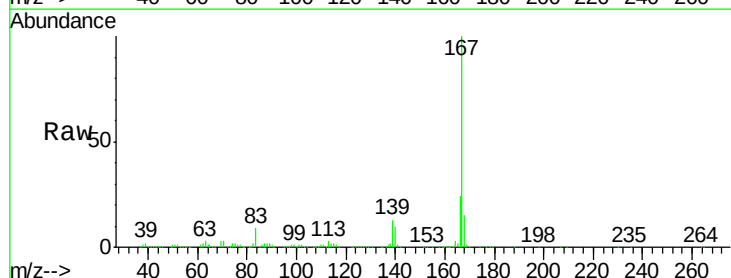
Tgt Ion:167 Resp: 1217395

Ion Ratio Lower Upper

167 100

166 23.6 18.9 28.3

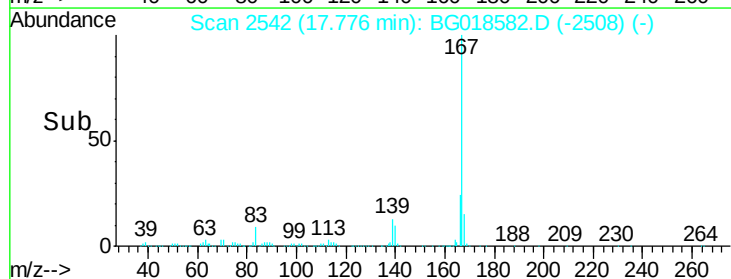
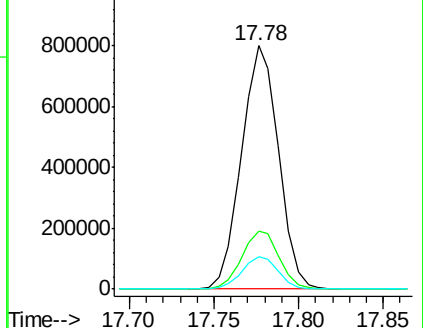
139 13.5 10.1 15.1



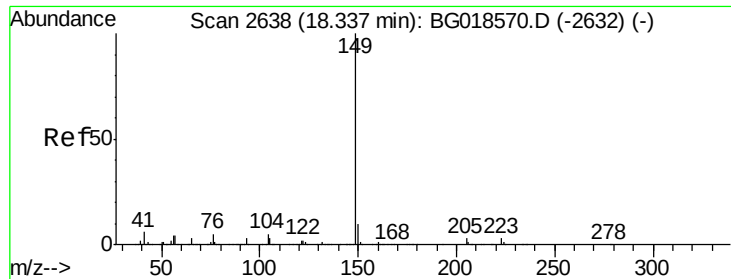
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E







#76

Di-n-butylphthalate

Concen: 20.44 ng/ul

RT: 18.33 min Scan# 2637

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

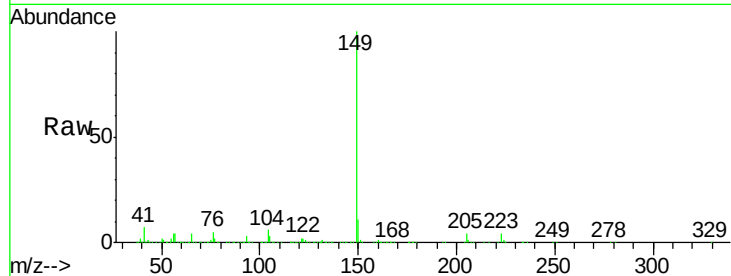
Tgt Ion:149 Resp: 1424909

Ion Ratio Lower Upper

149 100

150 10.6 7.5 11.3

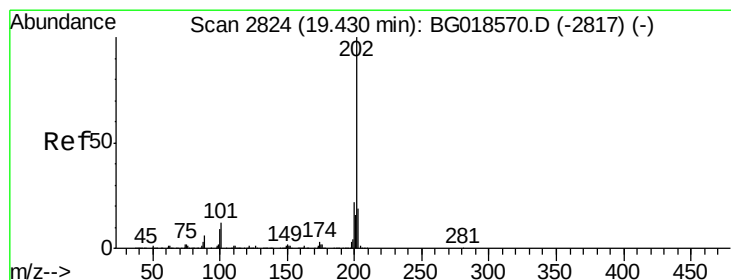
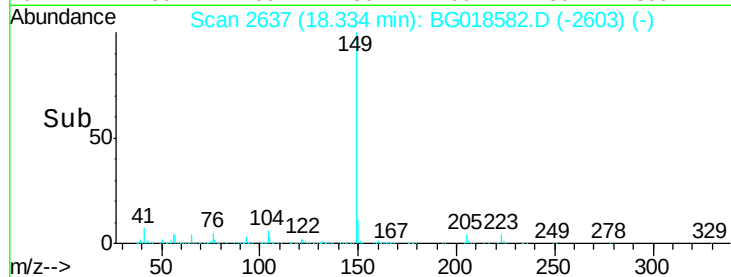
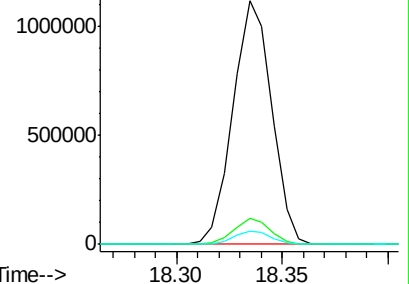
104 5.7 4.3 6.5



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: 23.37 ng/ul

RT: 19.43 min Scan# 2823

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

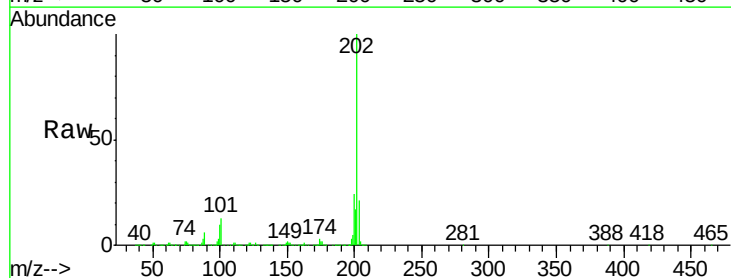
Tgt Ion:202 Resp: 1491019

Ion Ratio Lower Upper

202 100

101 12.8 9.7 14.5

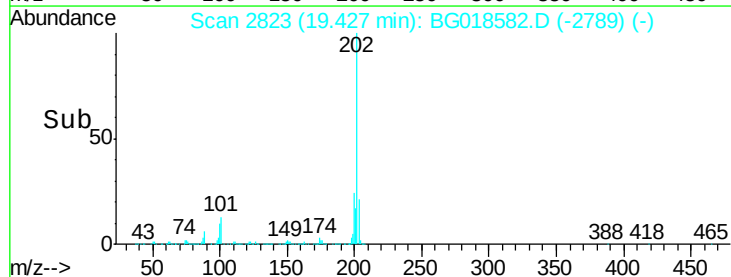
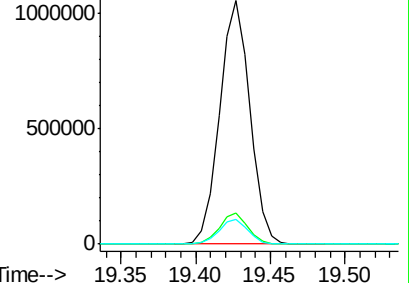
100 10.4 7.8 11.8

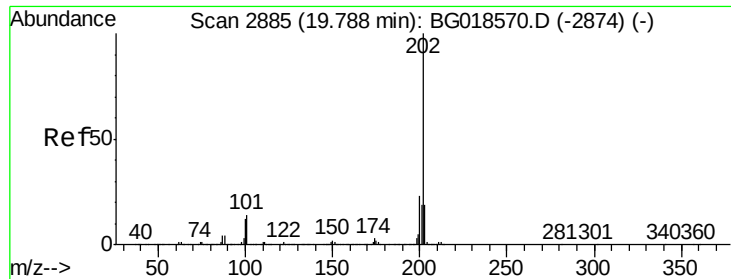


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

Concen: 19.16 ng/ul

RT: 19.79 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

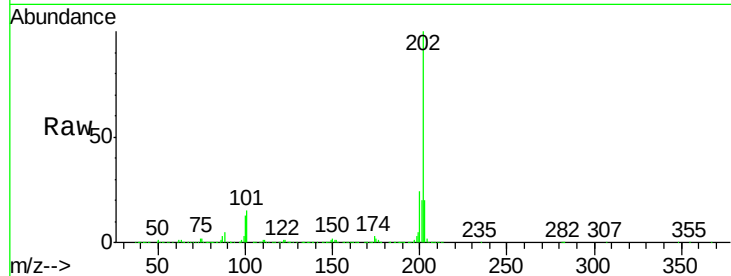
Tgt Ion:202 Resp: 1492776

Ion Ratio Lower Upper

202 100

101 14.5 11.0 16.4

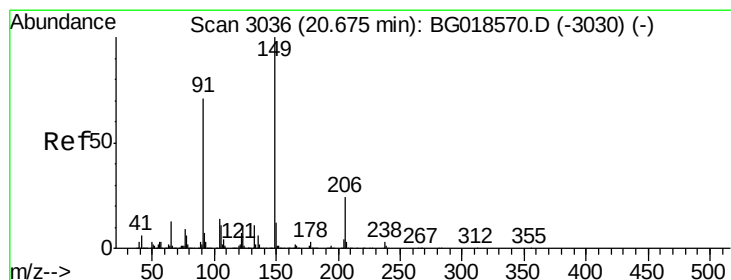
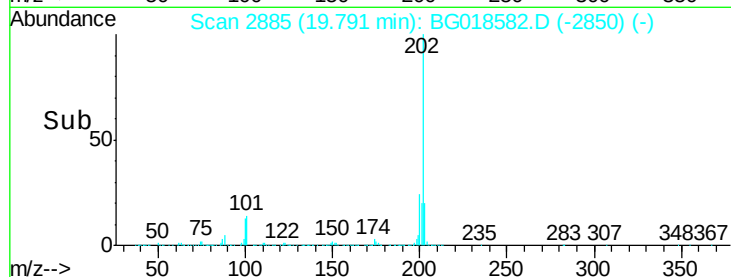
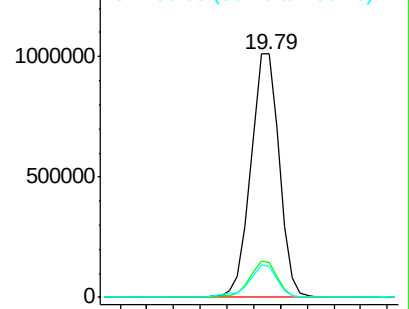
100 12.7 9.8 14.6



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): B



#81

Butylbenzylphthalate

Concen: 19.68 ng/ul

RT: 20.67 min Scan# 3035

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

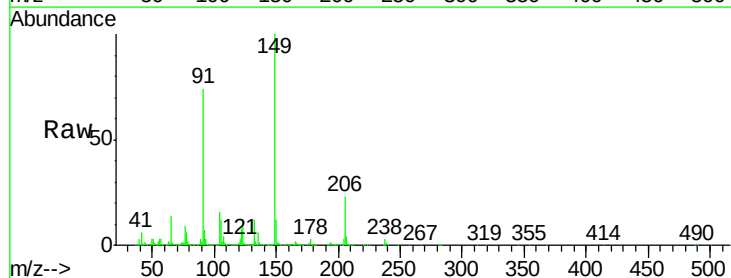
Tgt Ion:149 Resp: 648557

Ion Ratio Lower Upper

149 100

91 73.7 57.9 86.9

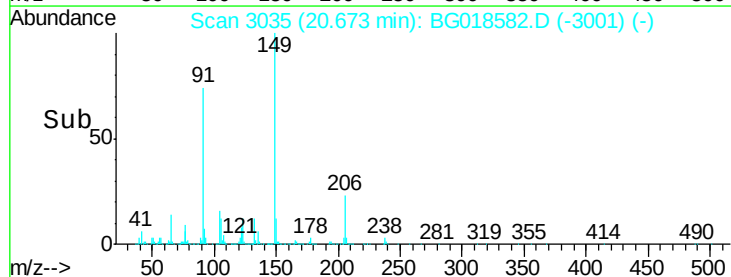
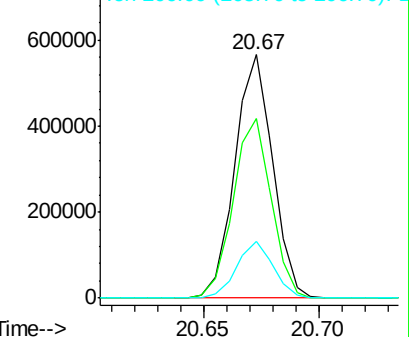
206 23.3 17.9 26.9

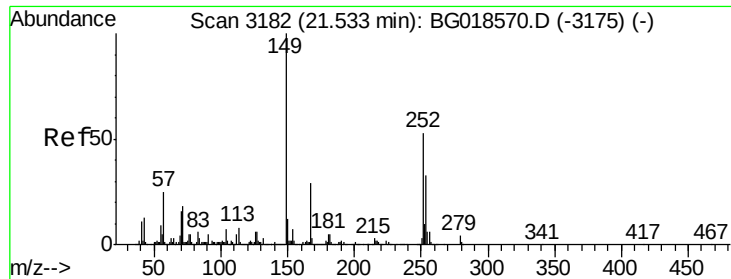


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): B

Ion 206.00 (205.70 to 206.70): E





#82

3,3'-Dichlorobenzidine

Concen: 21.70 ng/ul

RT: 21.53 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

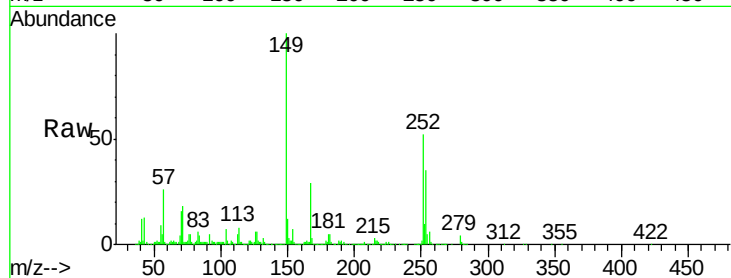
Tgt Ion:252 Resp: 519420

Ion Ratio Lower Upper

252 100

254 66.8 50.9 76.3

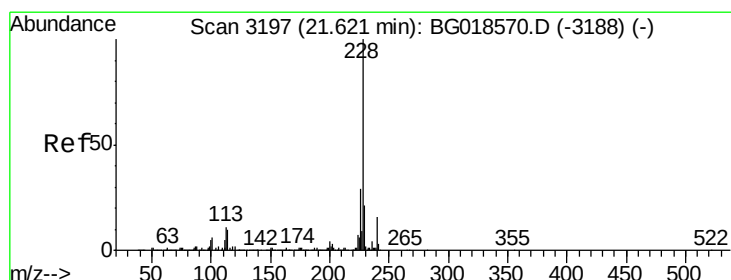
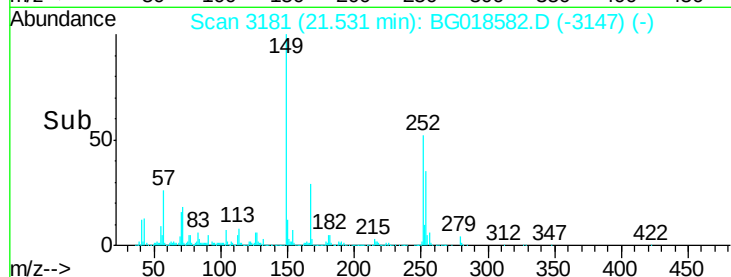
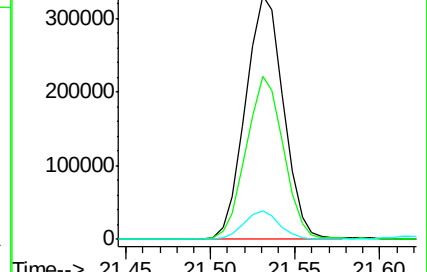
126 11.7 9.6 14.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83

Benzo(a)anthracene

Concen: 20.03 ng/ul

RT: 21.62 min Scan# 3196

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

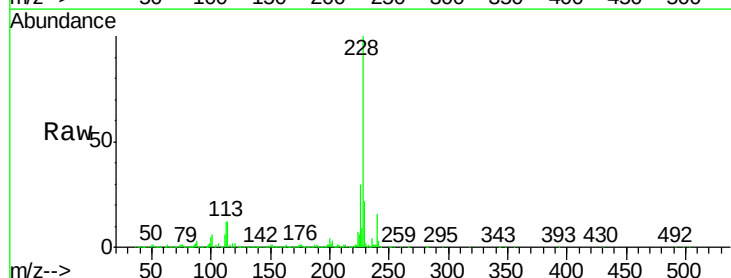
Tgt Ion:228 Resp: 1430973

Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

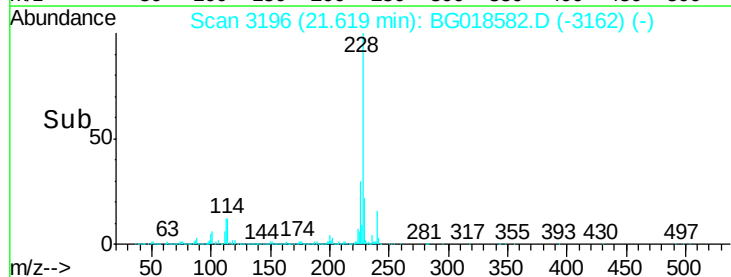
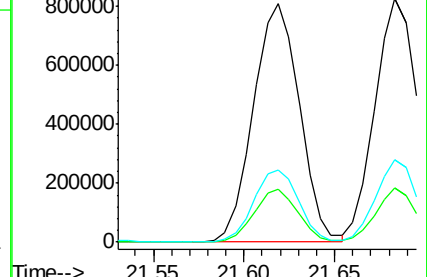
226 30.1 22.1 33.1

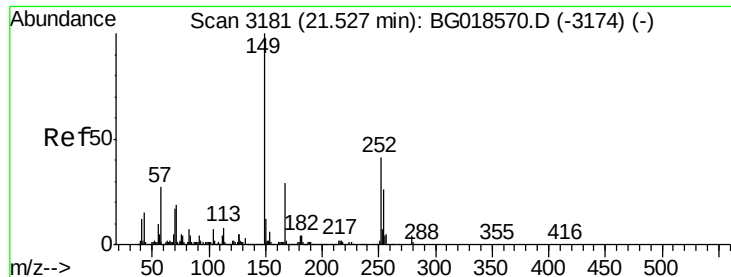


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 20.13 ng/ul

RT: 21.52 min Scan# 3180

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

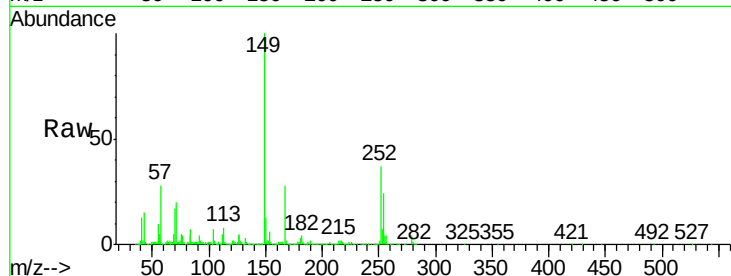
Tgt Ion:149 Resp: 937568

Ion Ratio Lower Upper

149 100

167 28.3 22.2 33.2

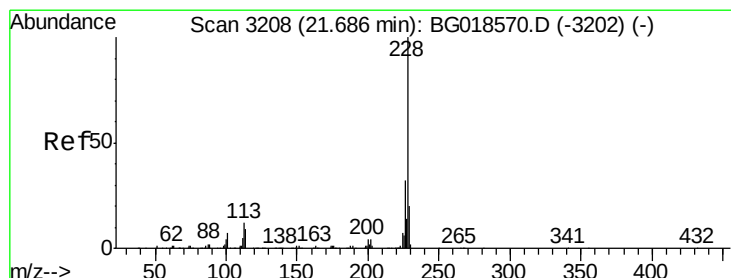
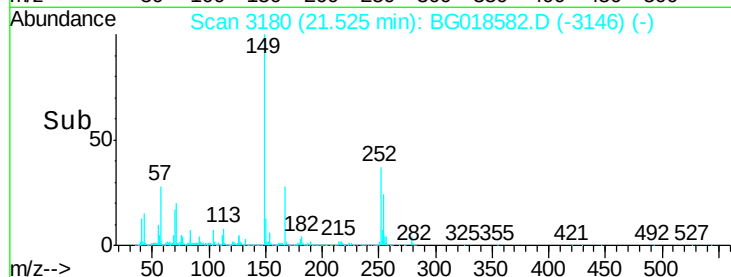
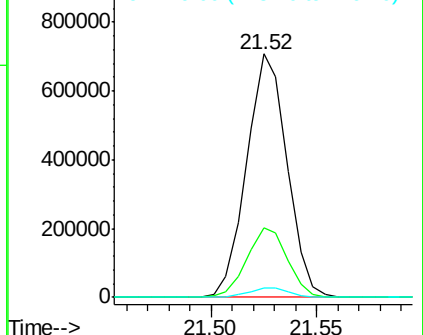
279 3.8 2.8 4.2



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: 19.97 ng/ul

RT: 21.68 min Scan# 3207

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

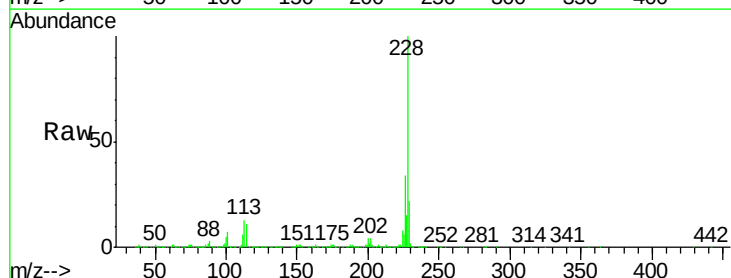
Tgt Ion:228 Resp: 1333947

Ion Ratio Lower Upper

228 100

226 34.1 26.5 39.7

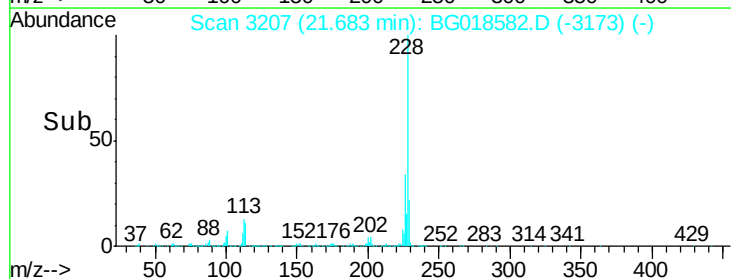
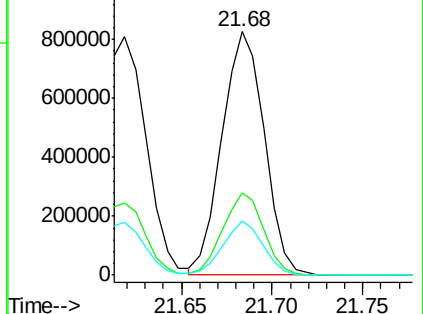
229 22.2 16.9 25.3

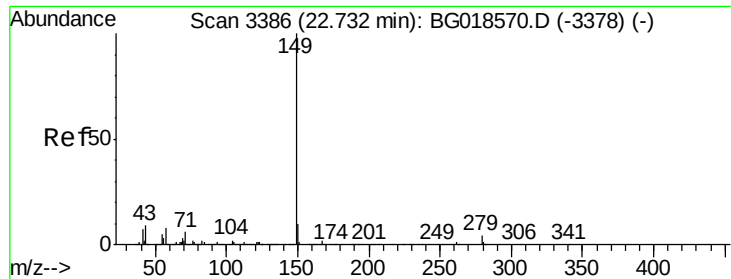


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Di-n-octyl phthalate

Concen: 20.08 ng/ul

RT: 22.73 min Scan# 3385

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

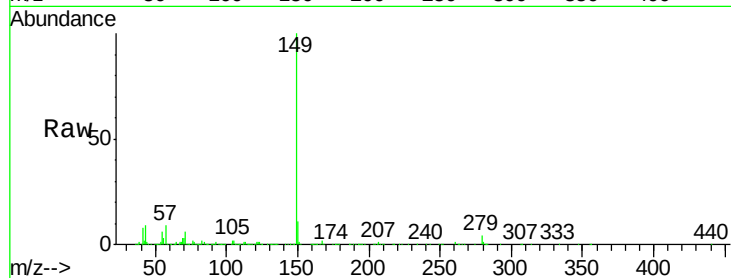
Instrument :

BNA\_G

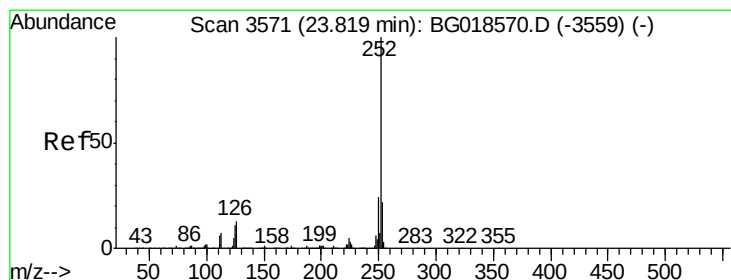
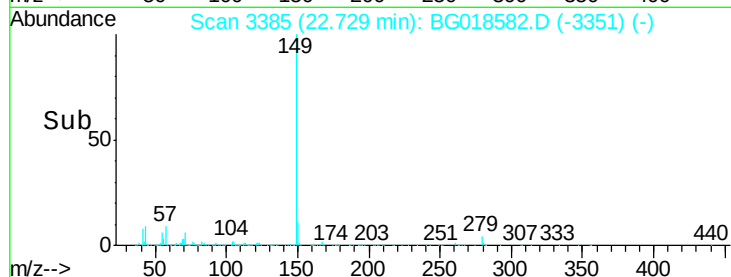
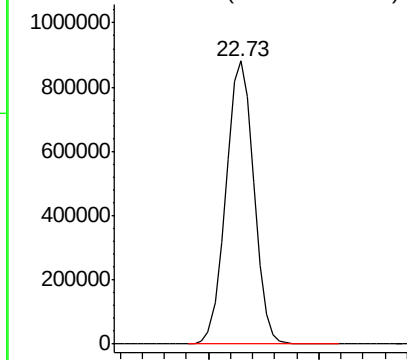
ClientSampleId :

SSTD02024

Tgt Ion:149 Resp: 1560352



Abundance Ion 149.00 (148.70 to 149.70): E



#88

Benzo(b)fluoranthene

Concen: 19.43 ng/ul

RT: 23.82 min Scan# 3570

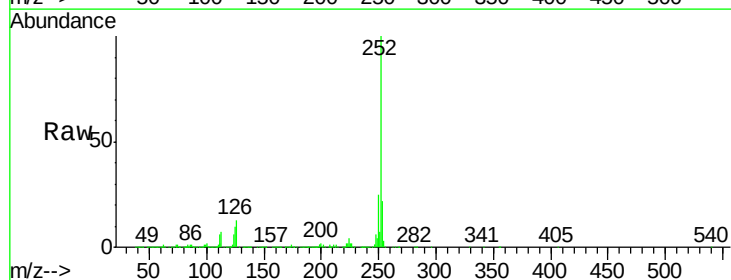
Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Tgt Ion:252 Resp: 1470259

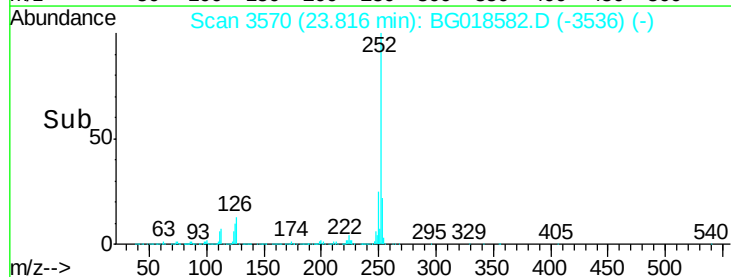
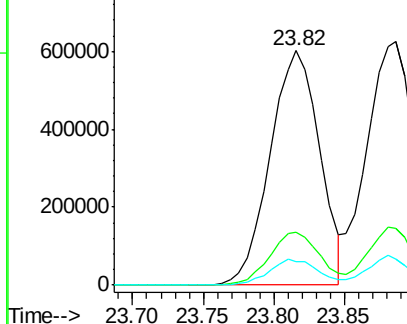
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.4  | 18.1  | 27.1  |
| 125 | 10.2  | 8.3   | 12.5  |

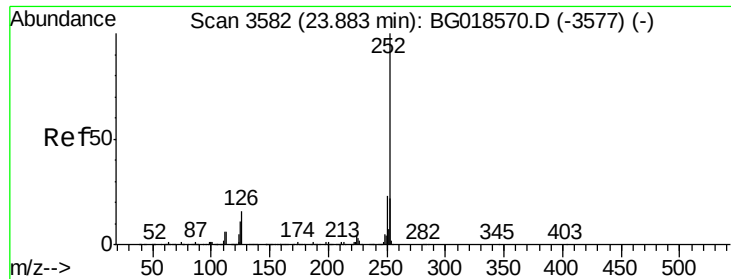


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 20.33 ng/ul

RT: 23.89 min Scan# 3582

Delta R.T. 0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

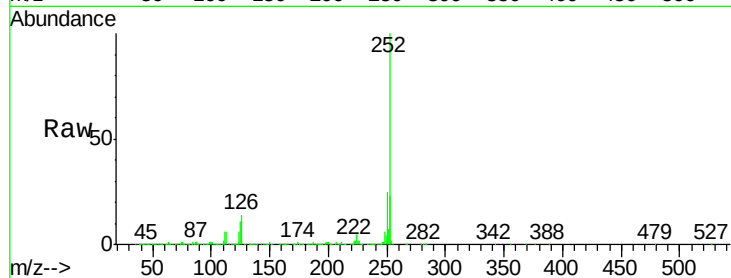
Tgt Ion:252 Resp: 1480788

Ion Ratio Lower Upper

252 100

253 23.5 17.8 26.6

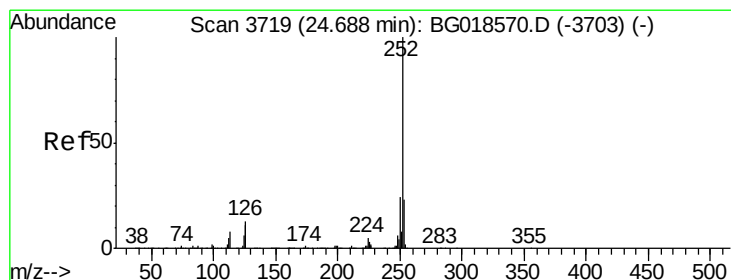
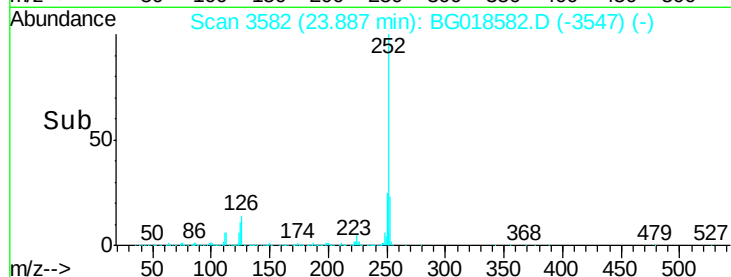
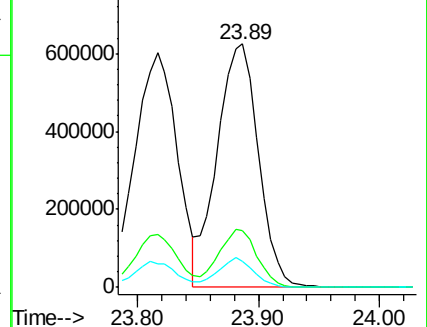
125 10.8 9.0 13.4



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: 19.69 ng/ul

RT: 24.68 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

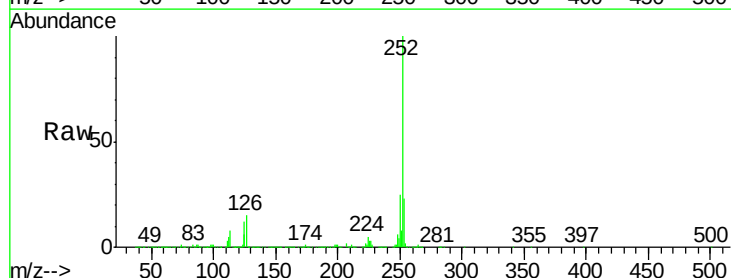
Tgt Ion:252 Resp: 1416287

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

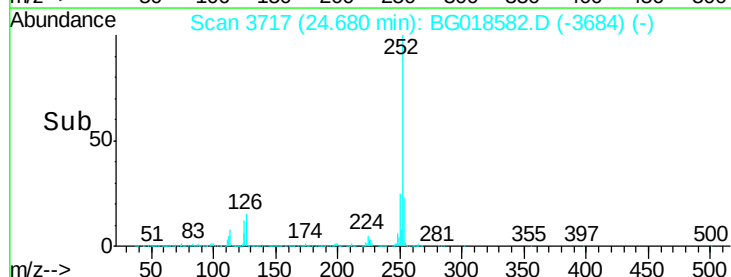
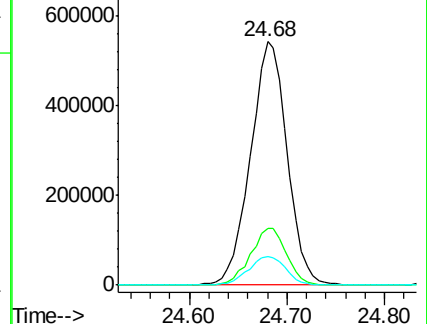
125 11.7 10.2 15.2

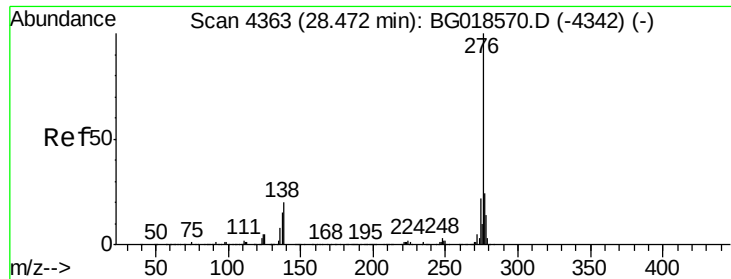


Abundance Ion 252.00 (251.70 to 252.70): E

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: 20.10 ng/ul

RT: 28.46 min Scan# 4361

Delta R.T. -0.01 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

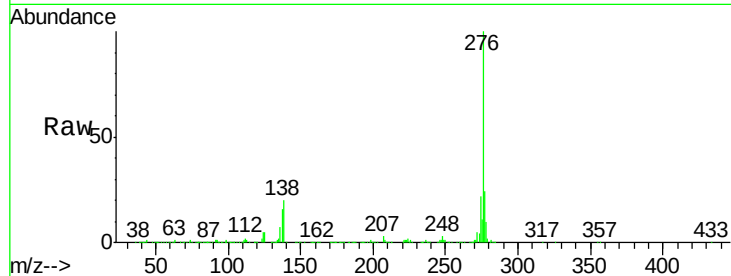
Tgt Ion:276 Resp: 1673285

Ion Ratio Lower Upper

276 100

138 20.4 15.8 23.6

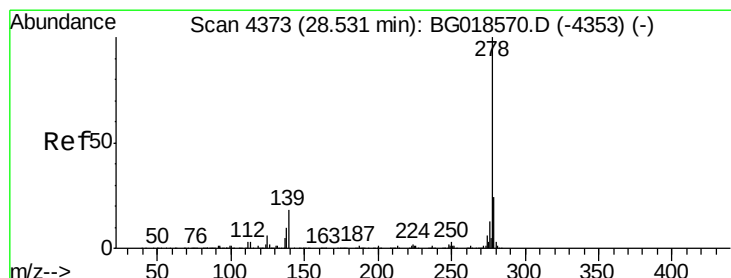
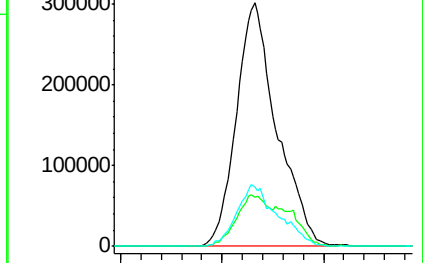
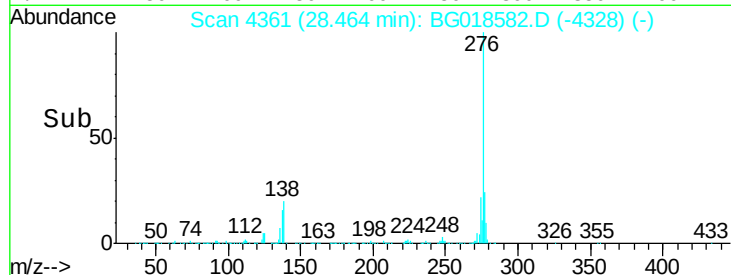
277 24.4 18.9 28.3



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: 19.90 ng/ul

RT: 28.53 min Scan# 4372

Delta R.T. -0.00 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

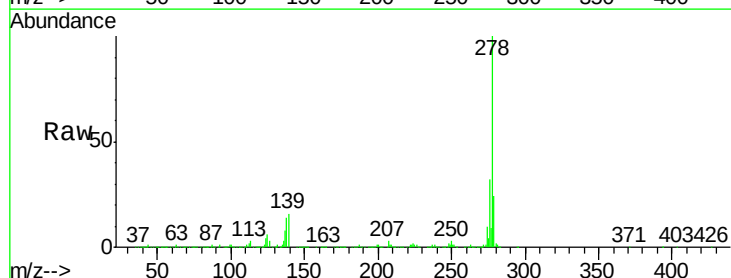
Tgt Ion:278 Resp: 1375769

Ion Ratio Lower Upper

278 100

139 16.1 13.8 20.6

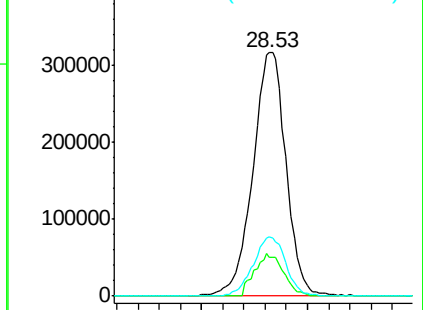
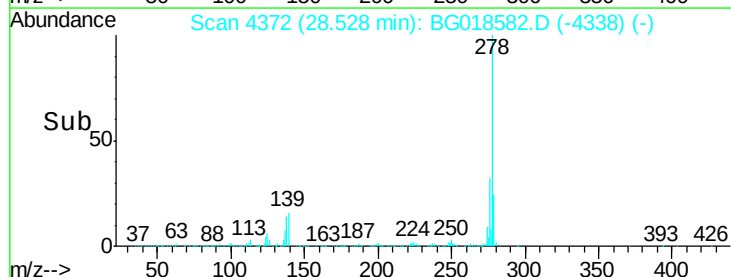
279 24.5 17.8 26.8

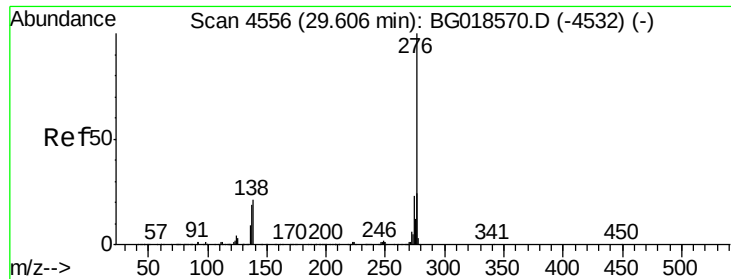


Abundance Ion 278.00 (277.70 to 278.70): E

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: 11.77 ng/ul

RT: 29.60 min Scan# 4554

Delta R.T. -0.01 min

Lab File: BG018582.D

Acq: 2 Sep 2015 3:49

Instrument :

BNA\_G

ClientSampleId :

SSTD02024

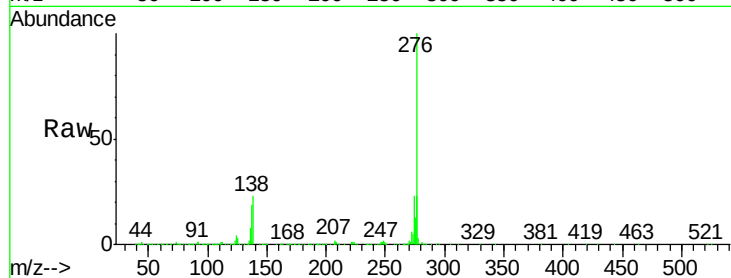
Tgt Ion:276 Resp: 822704

Ion Ratio Lower Upper

276 100

138 22.5 16.5 24.7

277 23.5 19.0 28.6



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

