

Data Path : Z:\HPCHEM1\BNA\_M\Data\BM080216\  
 Data File : BM006835.D  
 Acq On : 02 Aug 2016 16:08  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

Quant Time: Aug 03 04:38:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 28 01:25:43 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.60  | 152  | 72135    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.38 | 136  | 298996   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.26 | 164  | 187072   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.02 | 188  | 486739   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.22 | 240  | 550102   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.43 | 264  | 556835   | 20.00 | ng/ul | 0.02     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.09  | 96  | 231    | 0.12  | ng/uL | -0.04 |
| 5) Phenol-d5                   | 6.87  | 99  | 116484 | 18.37 | ng/ul | 0.08  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.97  | 67  | 71442  | 18.35 | ng/ul | 0.02  |
| 9) 2-Chlorophenol-d4           | 7.17  | 132 | 98392  | 19.78 | ng/ul | 0.02  |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 91754  | 18.45 | ng/ul | 0.07  |
| 19) Nitrobenzene-d5            | 8.78  | 128 | 43395  | 18.80 | ng/ul | 0.02  |
| 22) 2-Nitrophenol-d4           | 9.50  | 143 | 50430  | 20.22 | ng/ul | 0.02  |
| 26) 2,4-Dichlorophenol-d3      | 10.06 | 165 | 94162  | 20.59 | ng/ul | 0.04  |
| 29) 4-Chloroaniline-d4         | 10.57 | 131 | 106815 | 23.00 | ng/ul | 0.04  |
| 43) Dimethylphthalate-d6       | 13.71 | 166 | 300265 | 20.12 | ng/ul | 0.04  |
| 46) Acenaphthylene-d8          | 13.95 | 160 | 380296 | 20.26 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.60 | 143 | 41581  | 16.19 | ng/ul | 0.11  |
| 57) Fluorene-d10               | 15.26 | 176 | 281926 | 21.77 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.42 | 200 | 50913  | 19.19 | ng/ul | 0.02  |
| 70) Anthracene-d10             | 17.12 | 188 | 467110 | 20.57 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.42 | 212 | 528356 | 20.70 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.29 | 264 | 519612 | 20.62 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |       |        | Qvalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.20  | 88  | 17571  | 9.20  | ng/uL# | 24     |
| 4) Benzaldehyde                | 6.79  | 77  | 76618  | 18.92 | ng/ul  | 99     |
| 6) Phenol                      | 6.90  | 94  | 125988 | 18.80 | ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.06  | 93  | 96577  | 19.07 | ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.20  | 128 | 98982  | 19.46 | ng/ul  | 95     |
| 11) 2-Methylphenol             | 8.12  | 108 | 91501  | 18.23 | ng/ul  | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.15  | 45  | 149844 | 20.39 | ng/ul# | 91     |
| 14) Acetophenone               | 8.47  | 105 | 152340 | 19.66 | ng/ul# | 80     |
| 15) N-Nitroso-di-n-propylamine | 8.46  | 70  | 77835  | 18.37 | ng/ul  | 90     |
| 16) 4-Methylphenol             | 8.46  | 108 | 101080 | 18.95 | ng/ul  | 95     |
| 17) Hexachloroethane           | 8.65  | 117 | 41719  | 19.35 | ng/ul  | 89     |
| 20) Nitrobenzene               | 8.82  | 77  | 119352 | 20.22 | ng/ul  | 98     |
| 21) Isophorone                 | 9.42  | 82  | 202437 | 18.24 | ng/ul  | 98     |
| 23) 2-Nitrophenol              | 9.53  | 139 | 53869  | 19.71 | ng/ul  | 90     |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 118447 | 20.36 | ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.83  | 93  | 125300 | 18.35 | ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.09 | 162 | 94681  | 20.89 | ng/ul  | 99     |
| 28) Naphthalene                | 10.43 | 128 | 303859 | 20.33 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.60 | 127 | 111932 | 23.37 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 10.69 | 225 | 66144  | 23.14 | ng/ul  | 94     |
| 33) 4-Chloro-3-methylphenol    | 11.77 | 107 | 107423 | 20.26 | ng/ul  | 94     |
| 34) 2-Methylnaphthalene        | 12.05 | 142 | 233494 | 21.25 | ng/ul  | 99     |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.43 | 216 | 127917 | 21.27 | ng/ul  | 98     |

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 Data File : BM006835.D  
 Acq On : 02 Aug 2016 16:08  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

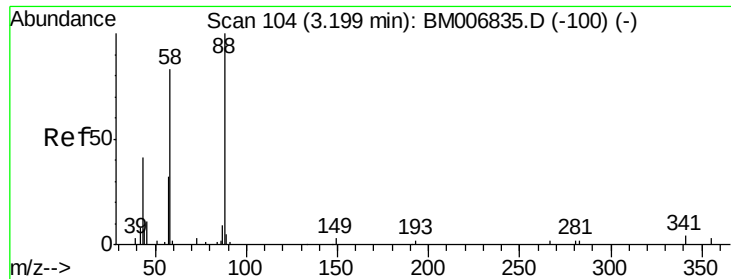
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

Quant Time: Aug 03 04:38:23 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM072616.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Thu Jul 28 01:25:43 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 37) Hexachlorocyclopentadiene  | 12.39 | 237  | 69135    | 26.81 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.71 | 196  | 84902    | 21.08 | ng/ul  | 98       |
| 39) 2,4,5-Trichlorophenol      | 12.71 | 196  | 84902    | 20.35 | ng/ul  | 98       |
| 40) 1,1'-Biphenyl              | 13.08 | 154  | 299695   | 19.68 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.12 | 162  | 237042   | 20.08 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.39 | 65   | 79161    | 19.15 | ng/ul  | 98       |
| 44) Dimethylphthalate          | 13.76 | 163  | 308264   | 20.64 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.87 | 165  | 59711    | 19.21 | ng/ul  | 95       |
| 47) Acenaphthylene             | 13.98 | 152  | 393379   | 20.13 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.23 | 138  | 54013    | 19.28 | ng/ul  | 94       |
| 49) Acenaphthene               | 14.32 | 153  | 256406   | 20.59 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.44 | 184  | 33746    | 21.92 | ng/ul  | 97       |
| 52) 4-Nitrophenol              | 14.62 | 109  | 48207    | 20.71 | ng/ul  | 87       |
| 53) Dibenzofuran               | 14.66 | 168  | 373902   | 21.08 | ng/ul  | 97       |
| 54) 2,4-Dinitrotoluene         | 14.67 | 165  | 92727    | 21.21 | ng/ul# | 77       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.92 | 232  | 86231    | 24.58 | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.12 | 149  | 325517   | 20.61 | ng/ul  | 99       |
| 58) Fluorene                   | 15.32 | 166  | 314783   | 21.95 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.31 | 204  | 158832   | 22.74 | ng/ul  | 99       |
| 60) 4-Nitroaniline             | 15.31 | 138  | 4656     | 1.32  | ng/ul# | 23       |
| 63) 4,6-Dinitro-2-methylphenol | 15.44 | 198  | 56739    | 19.89 | ng/ul  | 98       |
| 64) N-Nitrosodiphenylamine     | 15.54 | 169  | 275734   | 18.92 | ng/ul  | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.20 | 248  | 105951   | 20.39 | ng/ul  | 98       |
| 66) Hexachlorobenzene          | 16.31 | 284  | 121029   | 21.38 | ng/ul  | 100      |
| 67) Atrazine                   | 16.54 | 200  | 101245   | 19.51 | ng/ul  | 97       |
| 68) Pentachlorophenol          | 16.69 | 266  | 68957    | 27.34 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.06 | 178  | 549186   | 20.81 | ng/ul  | 100      |
| 71) Anthracene                 | 17.15 | 178  | 554756   | 20.35 | ng/ul  | 99       |
| 72) Carbazole                  | 17.45 | 167  | 496194   | 20.80 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.00 | 149  | 613503   | 19.12 | ng/ul  | 100      |
| 74) Fluoranthene               | 19.09 | 202  | 667370   | 22.33 | ng/ul  | 96       |
| 77) Pyrene                     | 19.45 | 202  | 691128   | 20.58 | ng/ul# | 95       |
| 78) Butylbenzylphthalate       | 20.36 | 149  | 319091   | 20.63 | ng/ul  | 96       |
| 79) 3,3'-Dichlorobenzidine     | 21.16 | 252  | 214654   | 22.85 | ng/ul  | 99       |
| 80) Benzo(a)anthracene         | 21.20 | 228  | 677750   | 20.65 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.13 | 149  | 435539   | 19.56 | ng/ul  | 99       |
| 82) Chrysene                   | 21.26 | 228  | 619211   | 20.71 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.00 | 149  | 751594   | 21.16 | ng/ul  | 98       |
| 85) Benzo(b)fluoranthene       | 22.77 | 252  | 670066   | 20.35 | ng/ul  | 96       |
| 86) Benzo(k)fluoranthene       | 22.82 | 252  | 632182   | 20.94 | ng/ul  | 95       |
| 88) Benzo(a)pyrene             | 23.33 | 252  | 655635   | 20.88 | ng/ul  | 95       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.65 | 276  | 757751   | 20.59 | ng/ul  | 96       |
| 90) Dibenzo(a,h)anthracene     | 25.65 | 278  | 638255   | 20.83 | ng/ul  | 97       |
| 91) Benzo(g,h,i)perylene       | 26.33 | 276  | 644419   | 20.27 | ng/ul  | 98       |

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





#2

1,4-Dioxane

Concen: 9.20 ng/uL

RT: 3.20 min Scan# 104

Delta R.T. 0.04 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02034

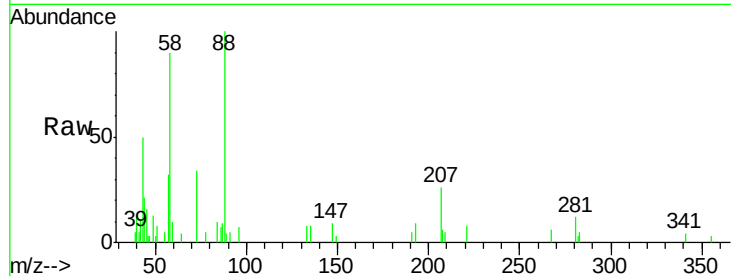
Tgt Ion: 88 Resp: 17571

Ion Ratio Lower Upper

88 100

43 34.9 0.8 1.2#

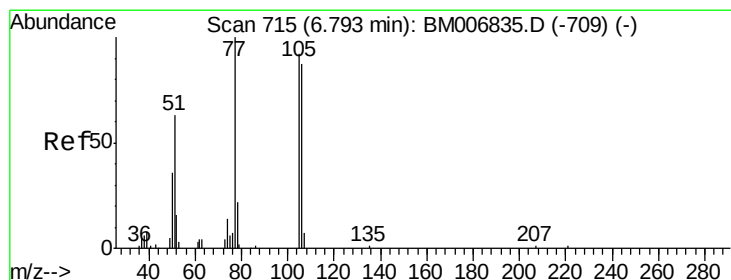
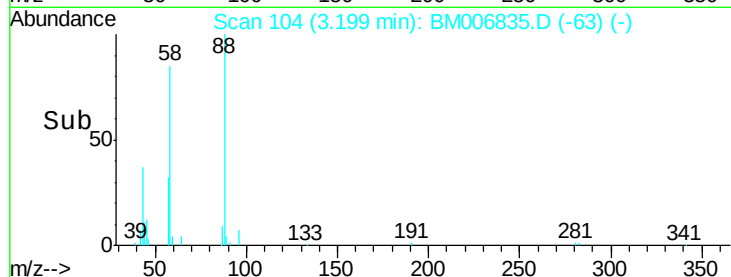
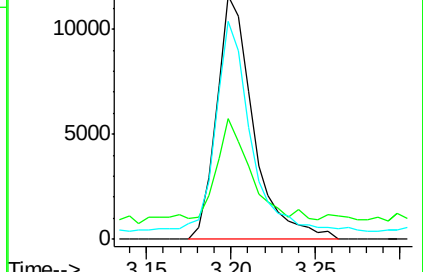
58 78.8 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM006835.D (-100) (-)

Ion 43.00 (42.70 to 43.70): BM006835.D (-100) (-)

Ion 58.00 (57.70 to 58.70): BM006835.D (-100) (-)



#4

Benzaldehyde

Concen: 18.92 ng/uL

RT: 6.79 min Scan# 715

Delta R.T. 0.04 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

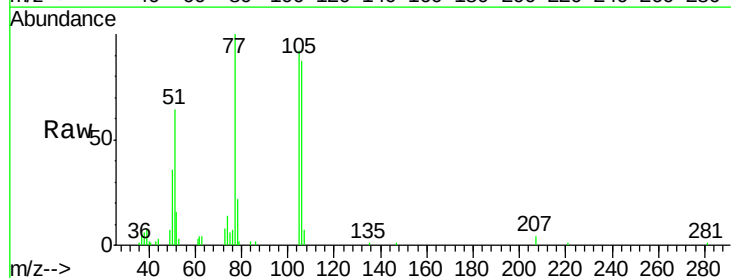
Tgt Ion: 77 Resp: 76618

Ion Ratio Lower Upper

77 100

105 91.7 74.9 112.3

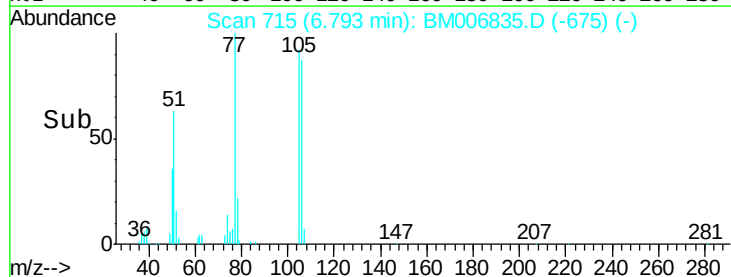
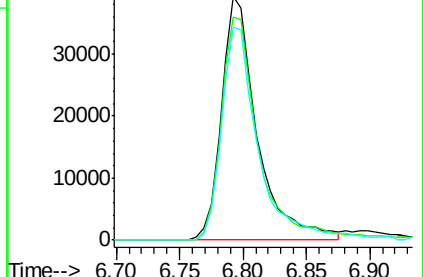
106 87.5 70.7 106.1

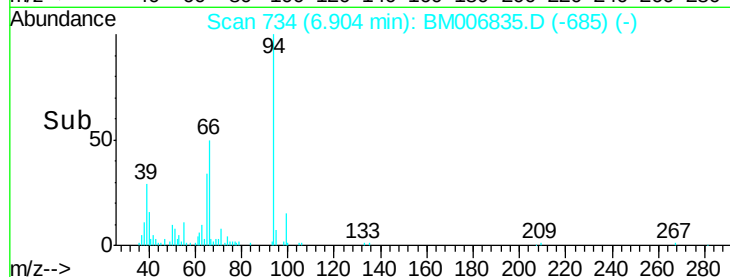
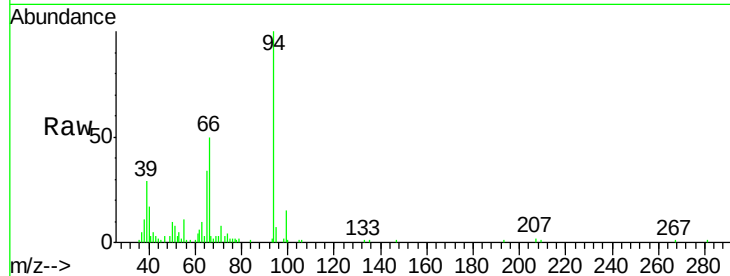
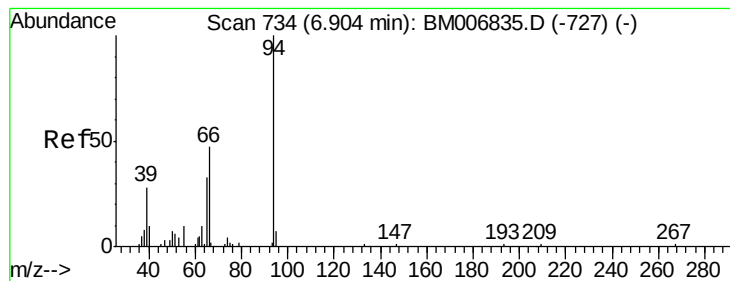


Abundance Ion 77.00 (76.70 to 77.70): BM006835.D (-709) (-)

Ion 105.00 (104.70 to 105.70): BM006835.D (-709) (-)

Ion 106.00 (105.70 to 106.70): BM006835.D (-709) (-)





#6

Phenol

Concen: 18.80 ng/ul

RT: 6.90 min Scan# 734

Delta R.T. 0.09 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02034

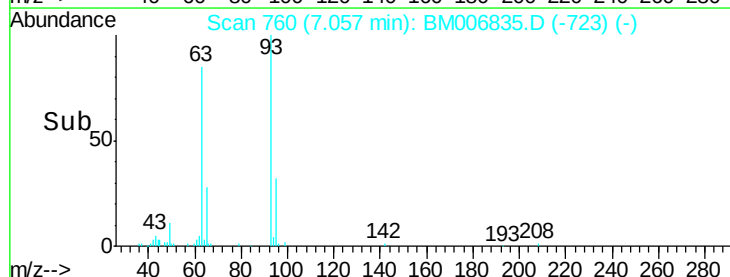
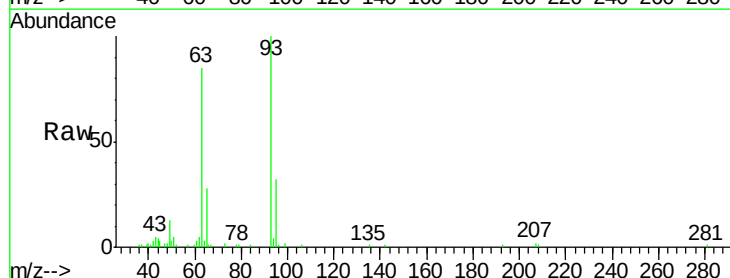
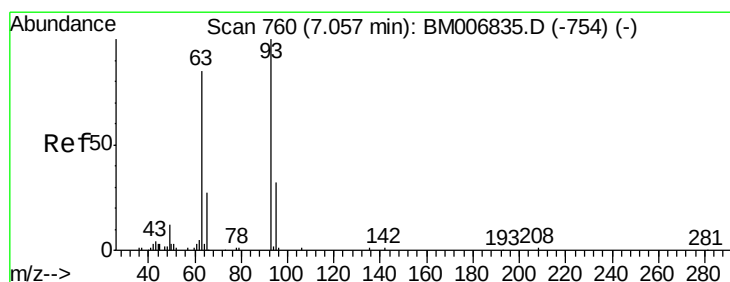
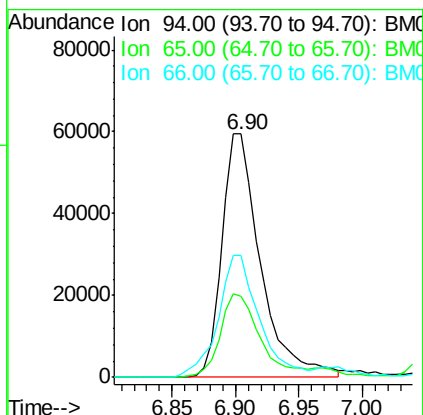
Tgt Ion: 94 Resp: 125988

Ion Ratio Lower Upper

94 100

65 33.6 25.8 38.8

66 50.2 35.7 53.5



#8

Bis(2-Chloroethyl)ether

Concen: 19.07 ng/ul

RT: 7.06 min Scan# 760

Delta R.T. 0.02 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

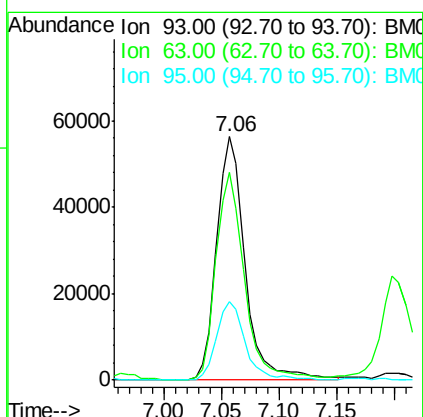
Tgt Ion: 93 Resp: 96577

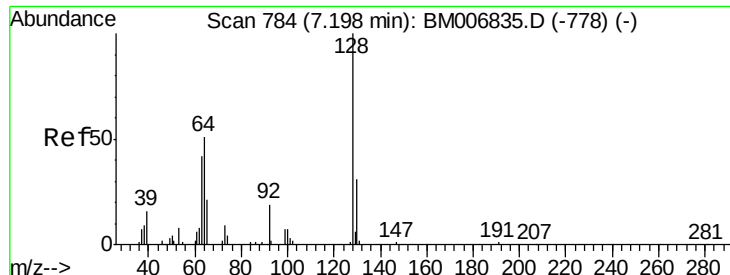
Ion Ratio Lower Upper

93 100

63 85.4 64.2 96.4

95 32.0 26.0 39.0

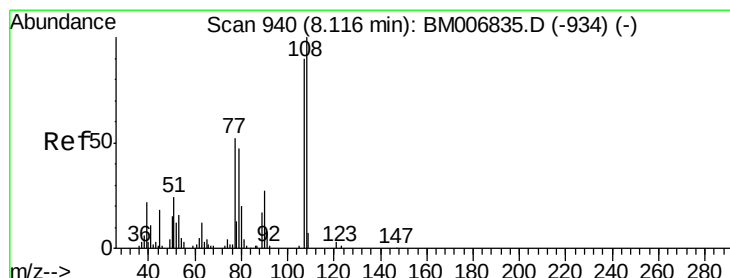
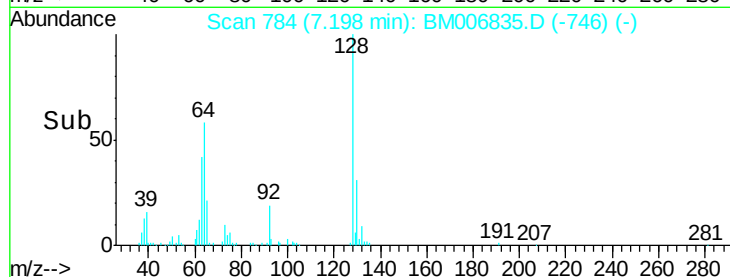
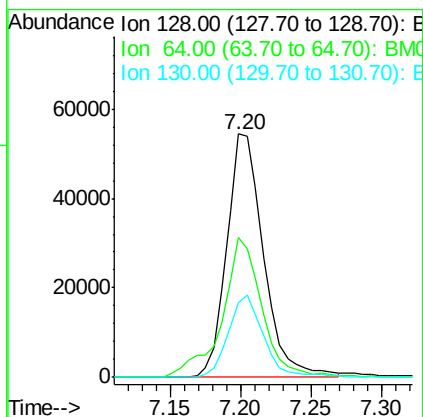
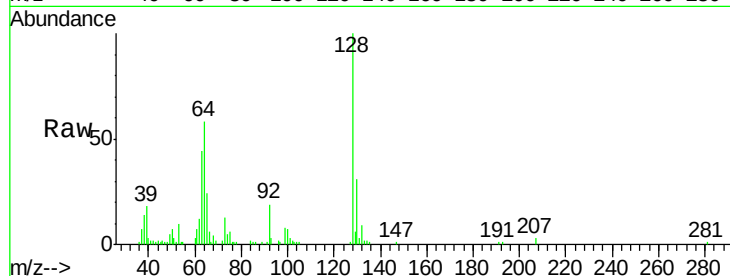




#10  
2-Chlorophenol  
Concen: 19.46 ng/ul  
RT: 7.20 min Scan# 784  
Delta R.T. 0.02 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

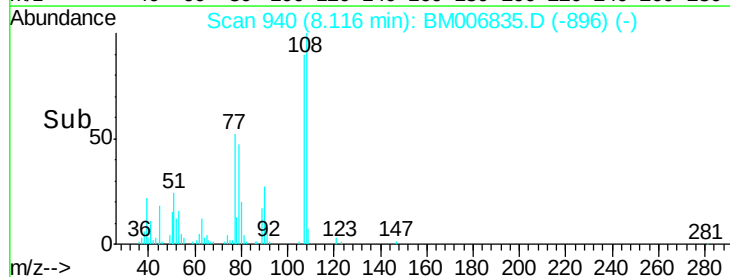
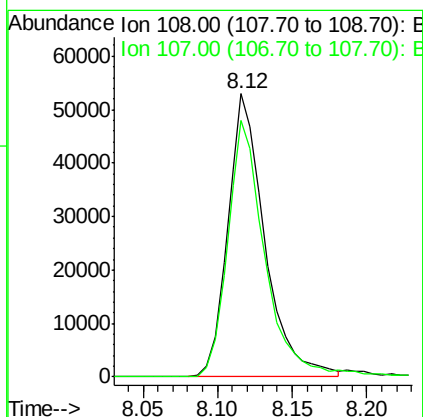
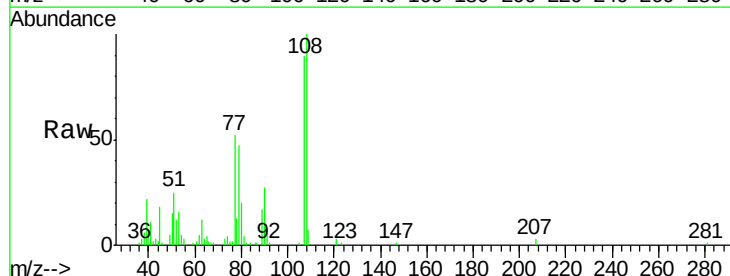
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02034

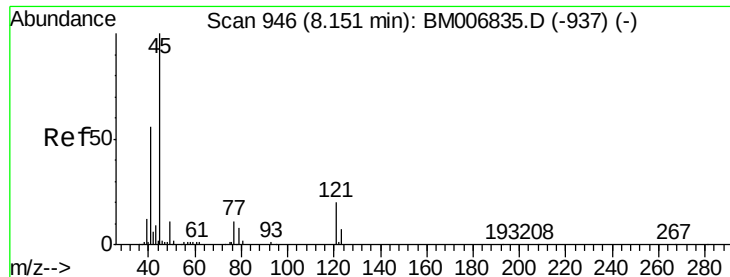
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 57.6  | 42.6  | 63.8  |
| 130     | 30.5  | 25.6  | 38.4  |



#11  
2-Methylphenol  
Concen: 18.23 ng/ul  
RT: 8.12 min Scan# 940  
Delta R.T. 0.06 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 90.4  | 71.0  | 106.6 |

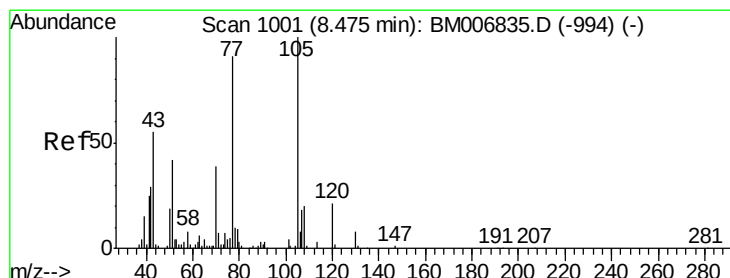
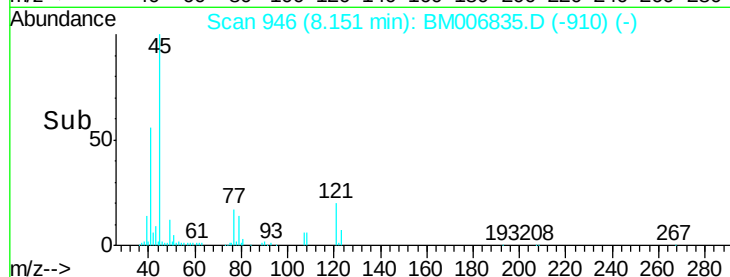
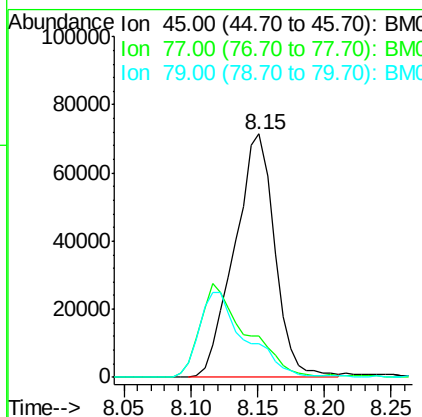
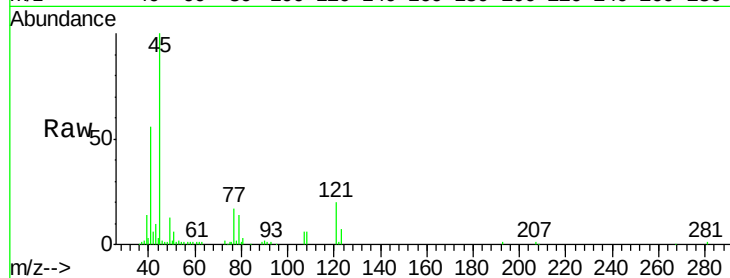




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.39 ng/ul  
RT: 8.15 min Scan# 946  
Delta R.T. 0.01 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

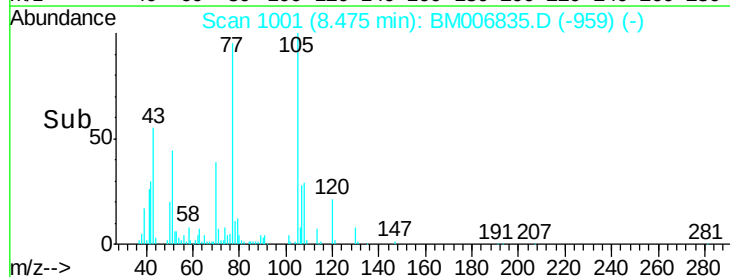
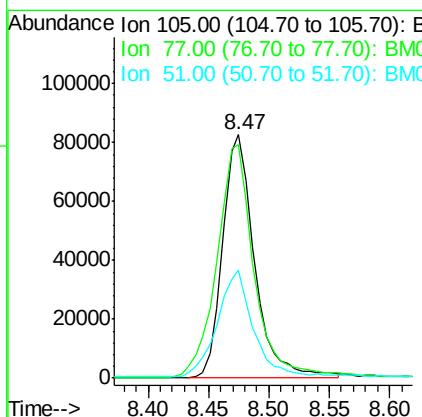
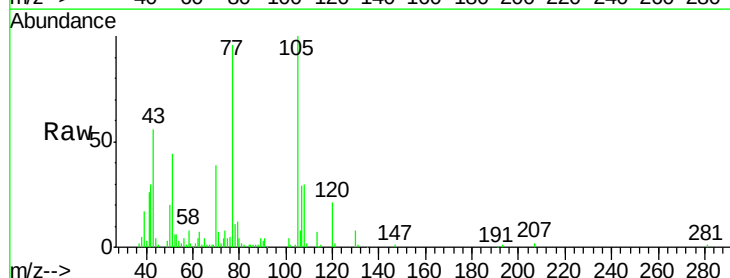
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02034

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.1  | 11.0  | 16.4# |
| 79      | 13.7  | 8.2   | 12.4# |

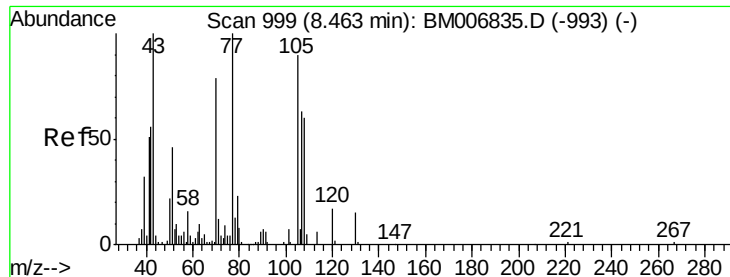


#14  
Acetophenone  
Concen: 19.66 ng/ul  
RT: 8.47 min Scan# 1001  
Delta R.T. 0.05 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 95.6  | 62.8  | 94.2# |
| 51      | 44.3  | 26.5  | 39.7# |



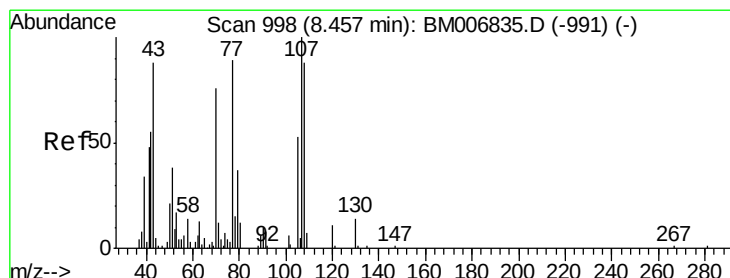
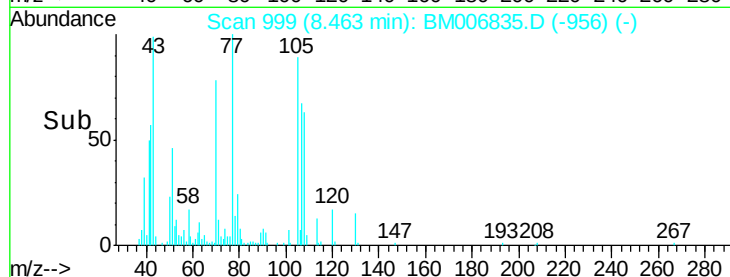
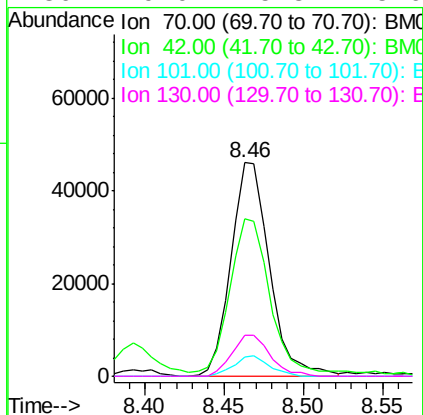
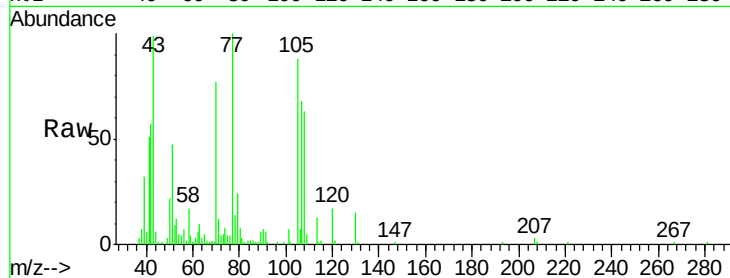




#15  
N-Nitroso-di-n-propylamine  
Concen: 18.37 ng/ul  
RT: 8.46 min Scan# 999  
Delta R.T. 0.05 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

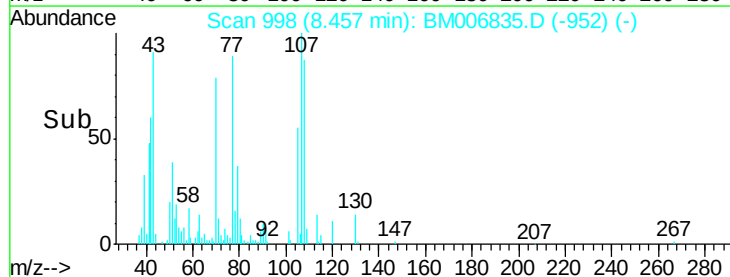
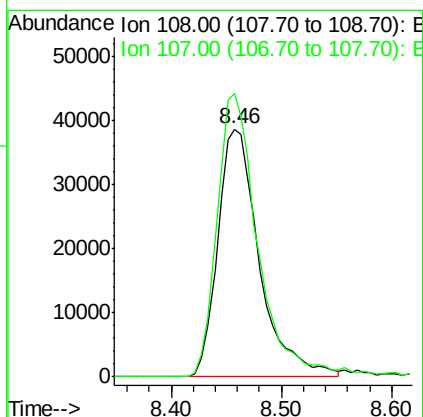
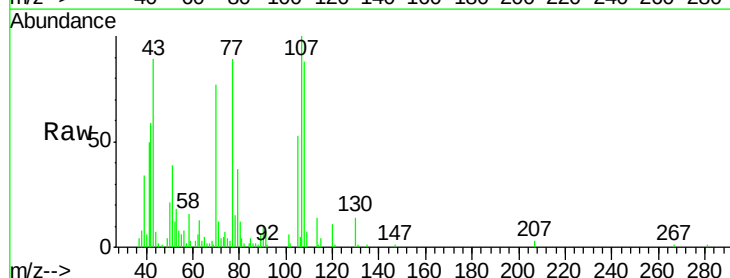
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02034

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 70    | Resp: | 77835 |
| Ion      | Ratio | Lower | Upper |
| 70       | 100   |       |       |
| 42       | 73.6  | 50.6  | 75.8  |
| 101      | 9.3   | 7.9   | 11.9  |
| 130      | 19.0  | 15.8  | 23.6  |

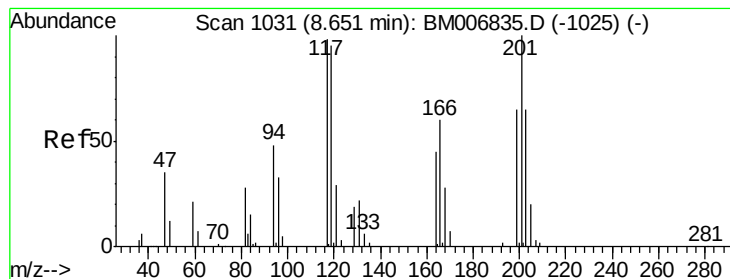


#16  
4-Methylphenol  
Concen: 18.95 ng/ul  
RT: 8.46 min Scan# 998  
Delta R.T. 0.07 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 108   | Resp: | 101080 |
| Ion      | Ratio | Lower | Upper  |
| 108      | 100   |       |        |
| 107      | 114.2 | 87.4  | 131.0  |







#17

Hexachloroethane

Concen: 19.35 ng/ul

RT: 8.65 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02034

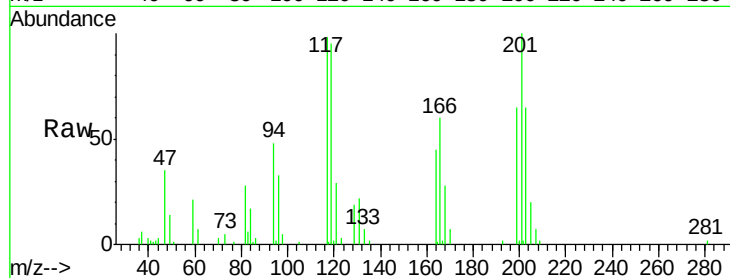
Tgt Ion:117 Resp: 41719

Ion Ratio Lower Upper

117 100

201 104.1 74.6 111.8

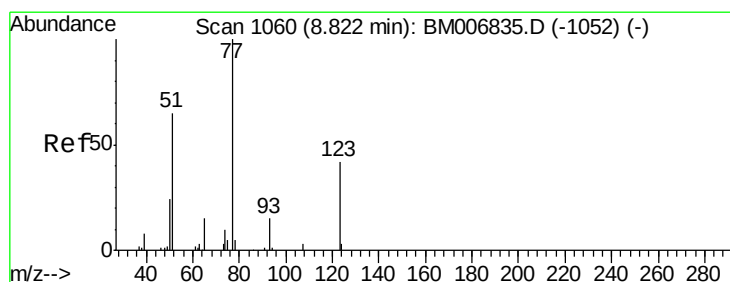
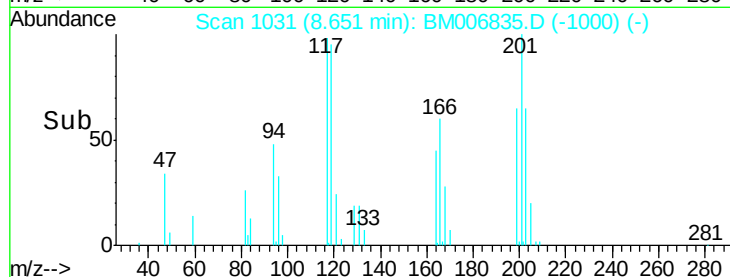
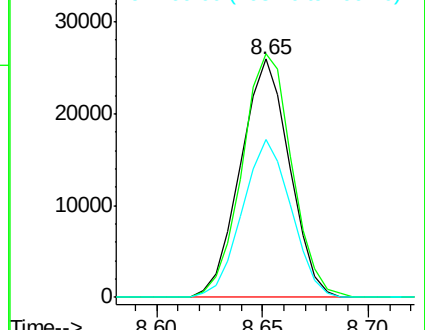
199 66.3 47.5 71.3



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 20.22 ng/ul

RT: 8.82 min Scan# 1060

Delta R.T. 0.02 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

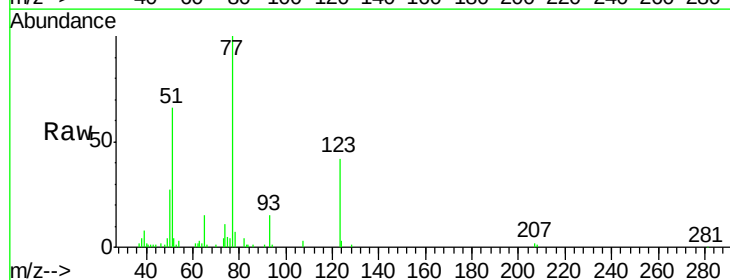
Tgt Ion: 77 Resp: 119352

Ion Ratio Lower Upper

77 100

123 42.3 33.0 49.4

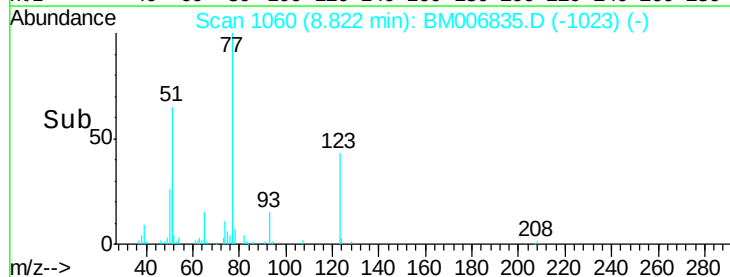
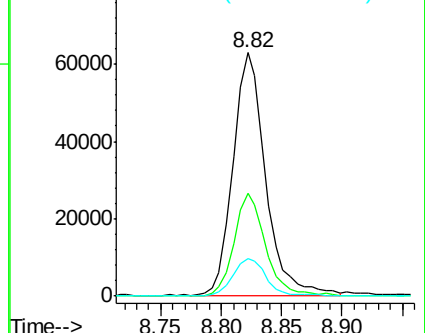
65 15.3 11.5 17.3

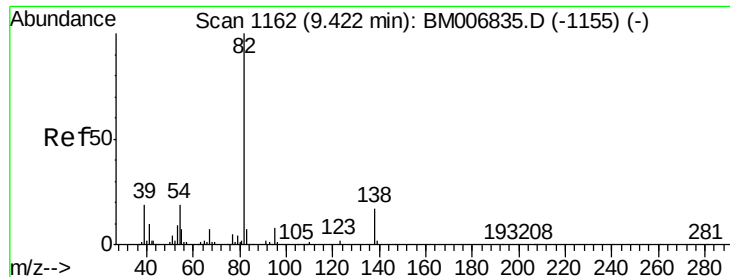


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 18.24 ng/ul

RT: 9.42 min Scan# 1162

Delta R.T. 0.10 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02034

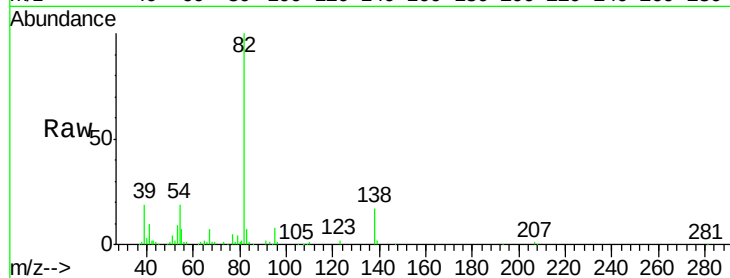
Tgt Ion: 82 Resp: 202437

Ion Ratio Lower Upper

82 100

95 8.3 6.0 9.0

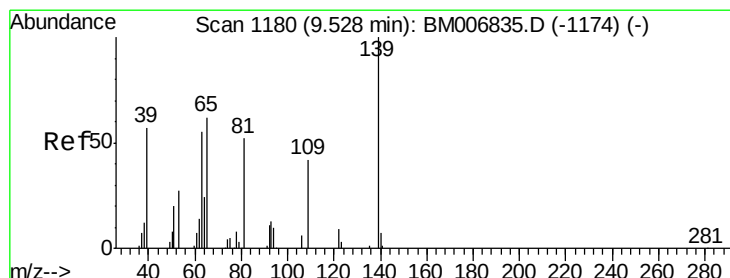
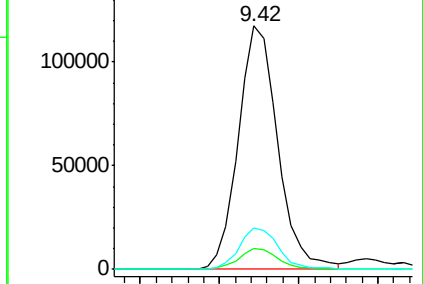
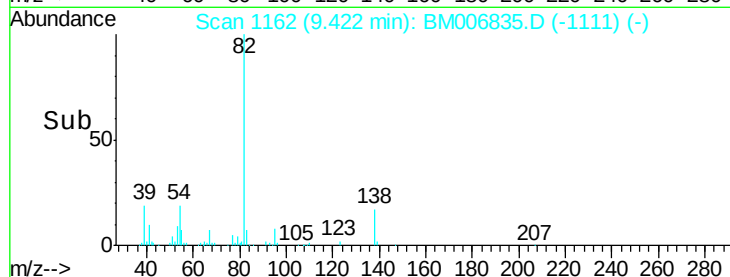
138 17.2 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BM006835.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BM006835.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BM006835.D (-1155) (-)



#23

2-Nitrophenol

Concen: 19.71 ng/ul

RT: 9.53 min Scan# 1180

Delta R.T. 0.02 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

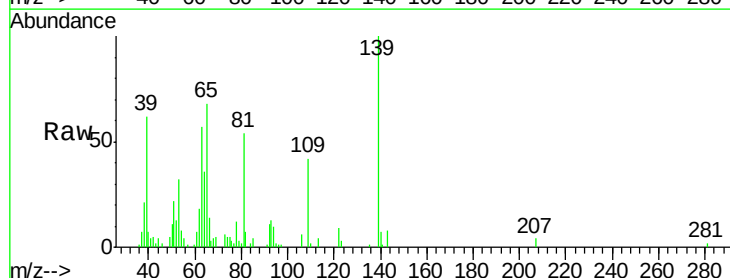
Tgt Ion: 139 Resp: 53869

Ion Ratio Lower Upper

139 100

65 67.7 47.2 70.8

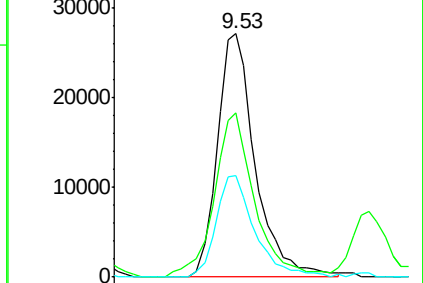
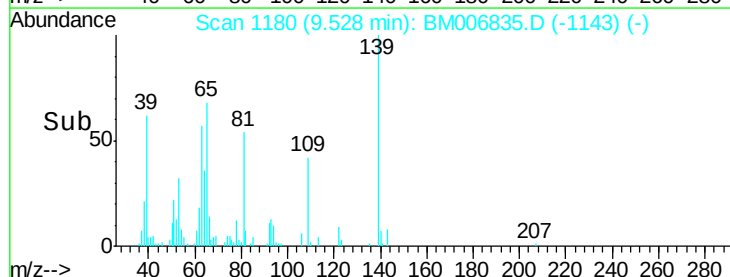
109 41.8 30.2 45.2

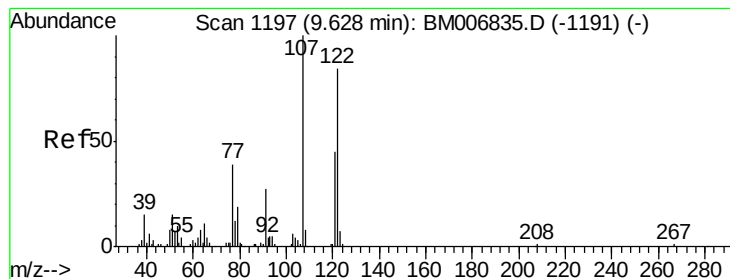


Abundance Ion 139.00 (138.70 to 139.70): BM006835.D (-1174) (-)

Ion 65.00 (64.70 to 65.70): BM006835.D (-1174) (-)

Ion 109.00 (108.70 to 109.70): BM006835.D (-1174) (-)





#24

2,4-Dimethylphenol

Concen: 20.36 ng/ul

RT: 9.63 min Scan# 1197

Delta R.T. 0.05 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

Instrument :

BNA\_M

ClientSampleId :

SSTD02034

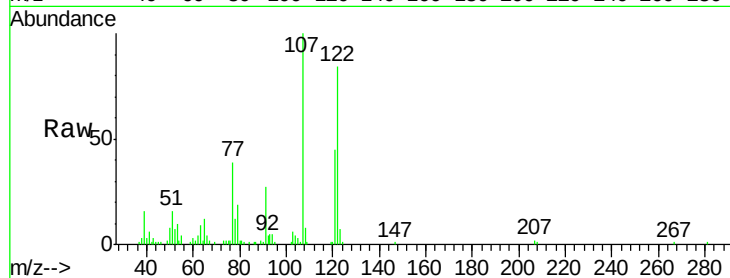
Tgt Ion: 107 Resp: 118447

Ion Ratio Lower Upper

107 100

121 45.3 39.2 58.8

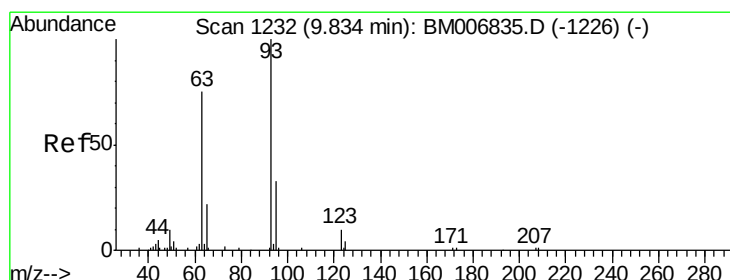
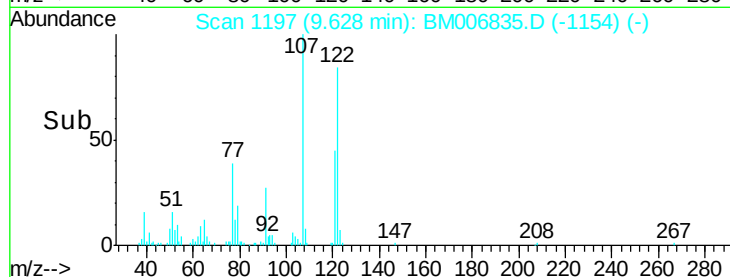
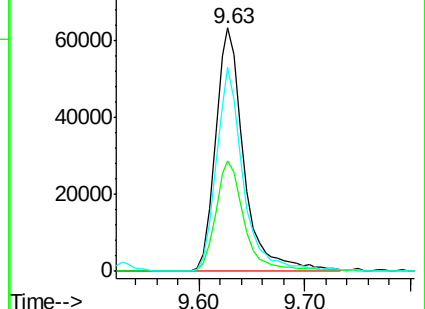
122 83.6 66.4 99.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 18.35 ng/ul

RT: 9.83 min Scan# 1232

Delta R.T. 0.03 min

Lab File: BM006835.D

Acq: 02 Aug 2016 16:08

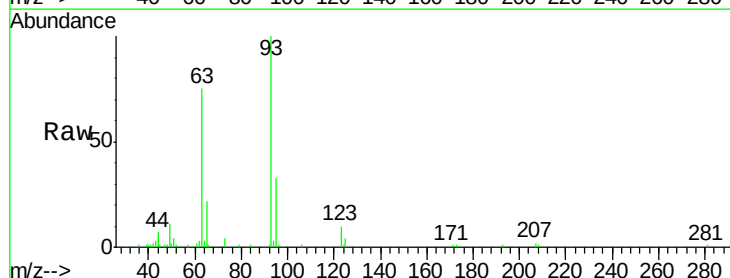
Tgt Ion: 93 Resp: 125300

Ion Ratio Lower Upper

93 100

95 33.0 25.8 38.6

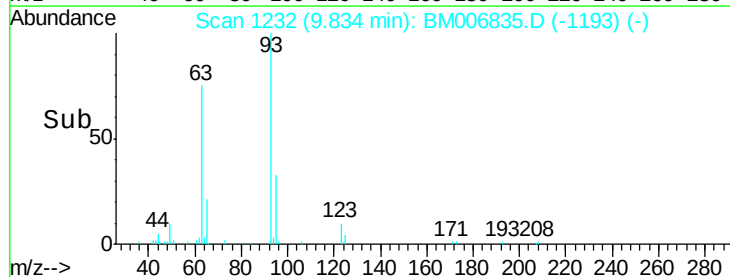
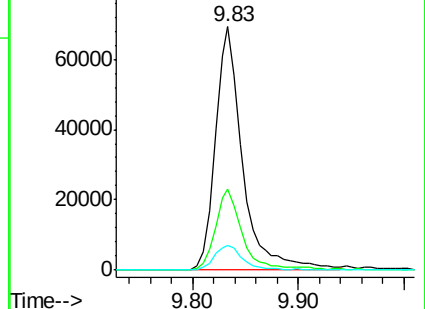
123 10.3 8.3 12.5

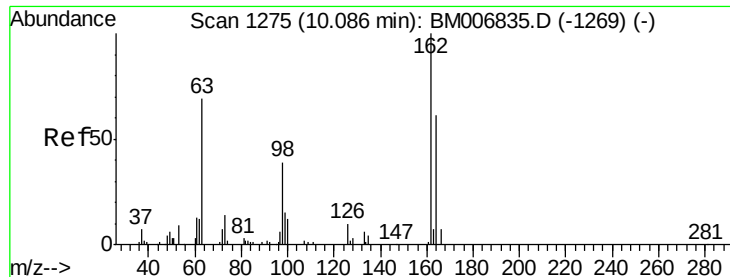


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

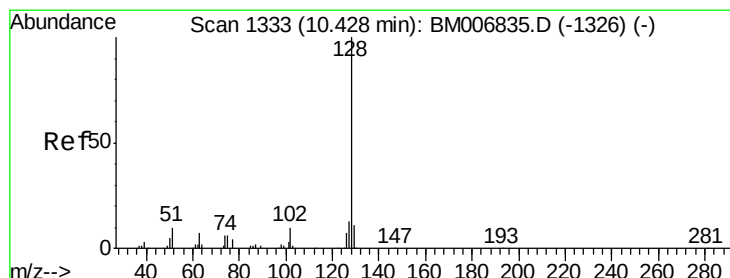
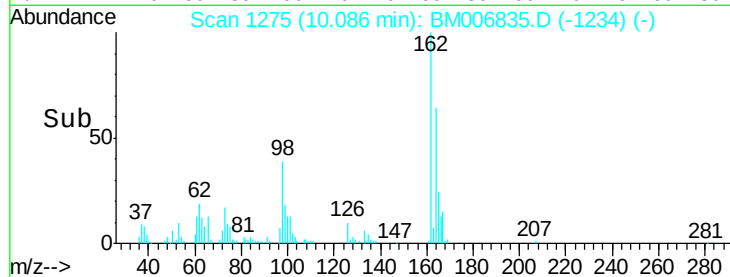
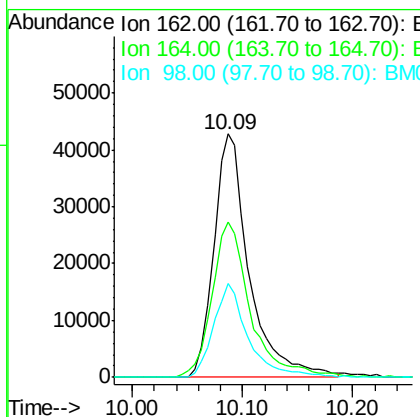
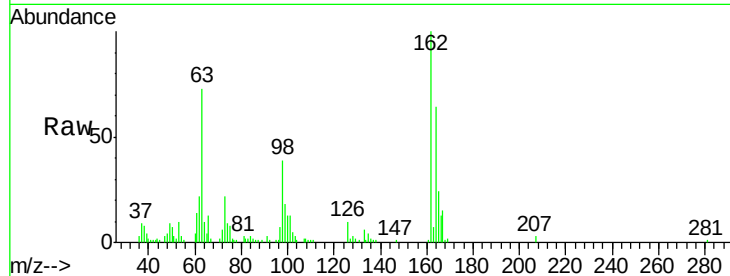




#27  
 2,4-Dichlorophenol  
 Concen: 20.89 ng/ul  
 RT: 10.09 min Scan# 1275  
 Delta R.T. 0.04 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

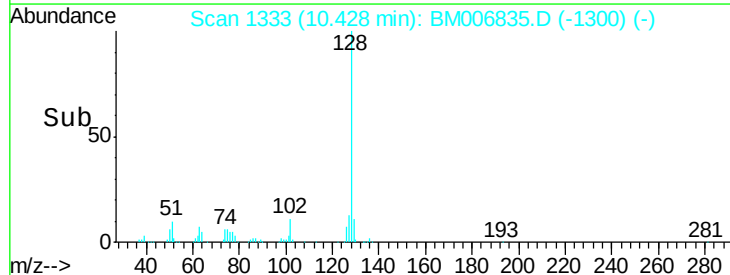
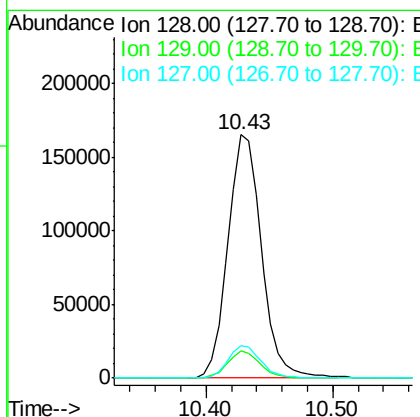
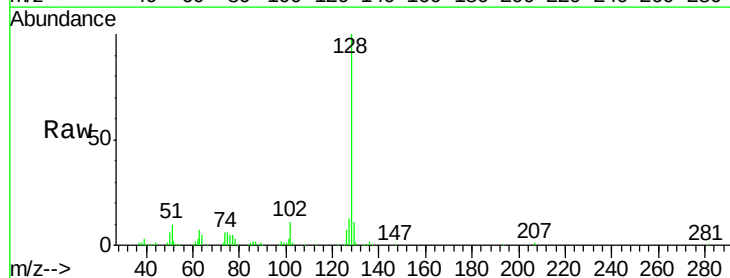
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

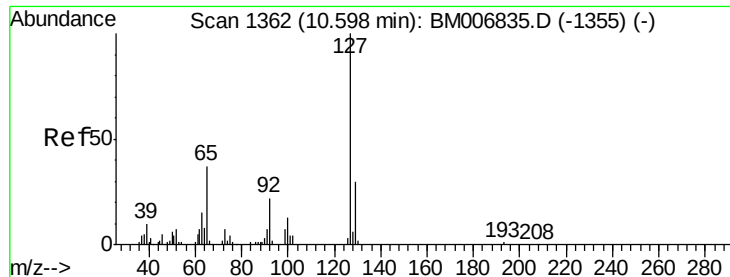
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.8  | 51.6  | 77.4  |
| 98      | 38.6  | 30.3  | 45.5  |



#28  
 Naphthalene  
 Concen: 20.33 ng/ul  
 RT: 10.43 min Scan# 1333  
 Delta R.T. -0.01 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.6   | 13.0  |
| 127     | 13.1  | 10.9  | 16.3  |

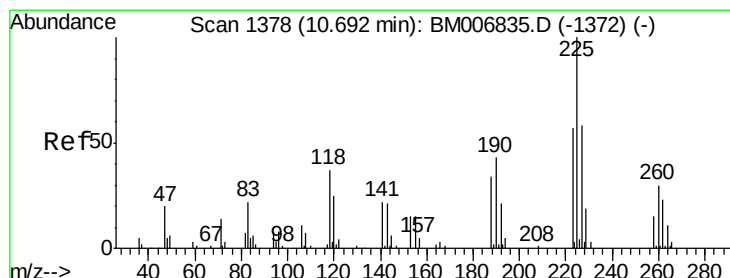
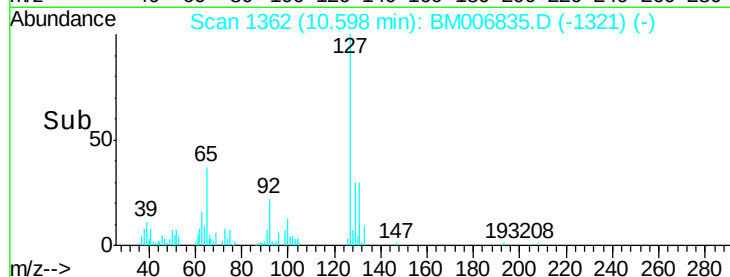
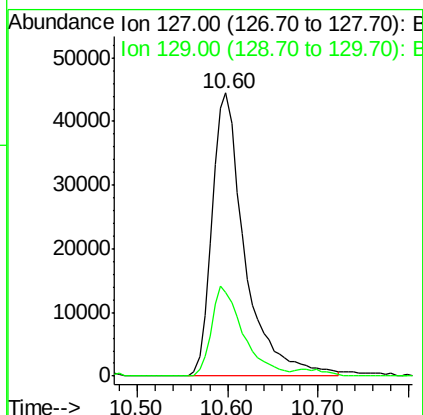
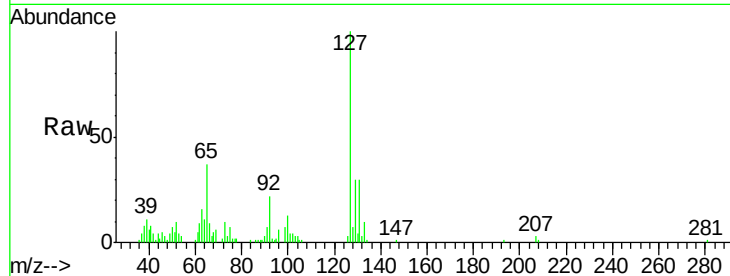




#30  
4-Chloroaniline  
Concen: 23.37 ng/ul  
RT: 10.60 min Scan# 1362  
Delta R.T. 0.04 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

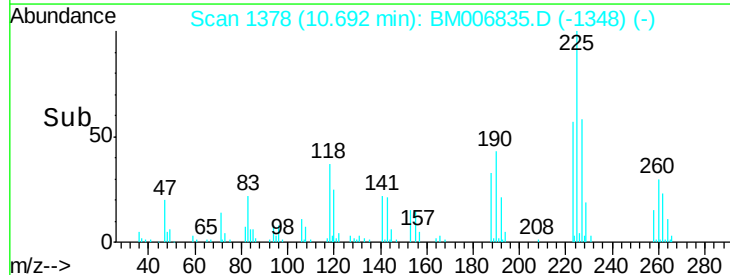
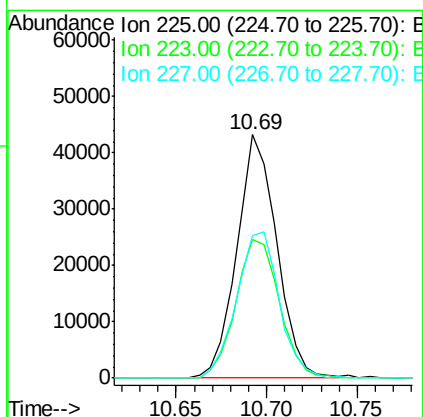
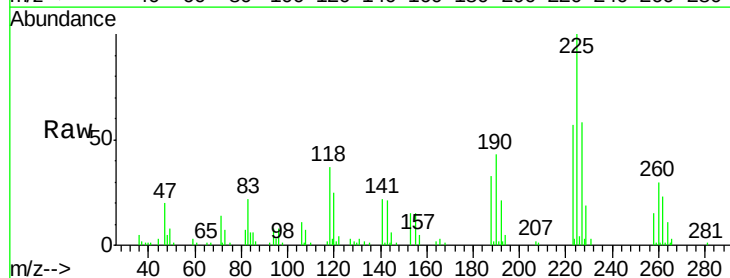
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02034

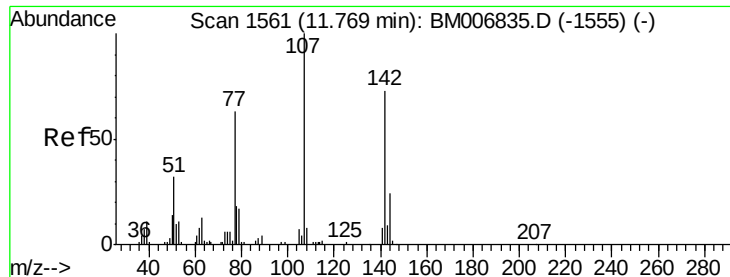
Tgt Ion:127 Resp: 111932  
Ion Ratio Lower Upper  
127 100  
129 29.6 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 23.14 ng/ul  
RT: 10.69 min Scan# 1378  
Delta R.T. -0.02 min  
Lab File: BM006835.D  
Acq: 02 Aug 2016 16:08

Tgt Ion:225 Resp: 66144  
Ion Ratio Lower Upper  
225 100  
223 56.9 49.4 74.2  
227 58.4 49.9 74.9

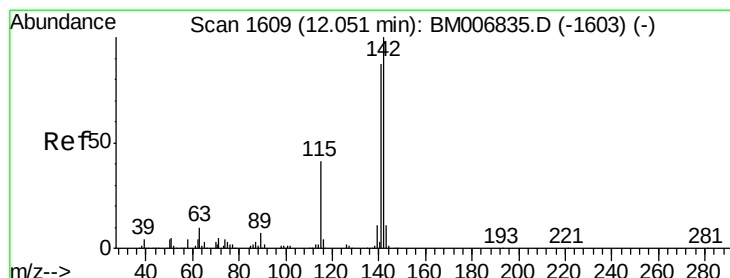
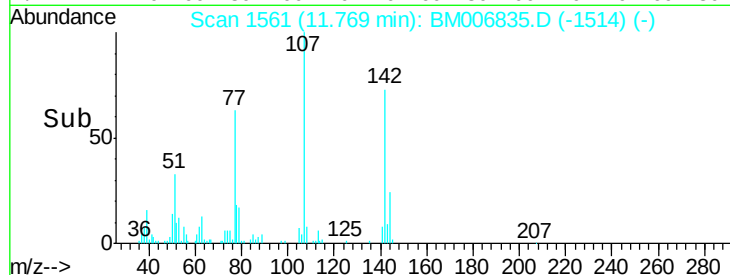
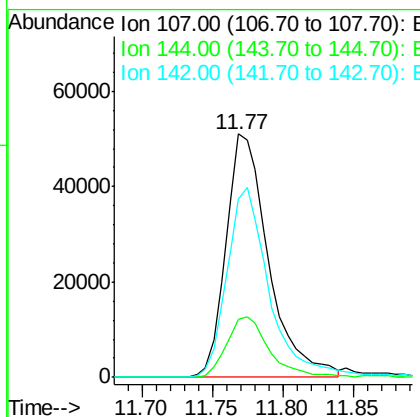
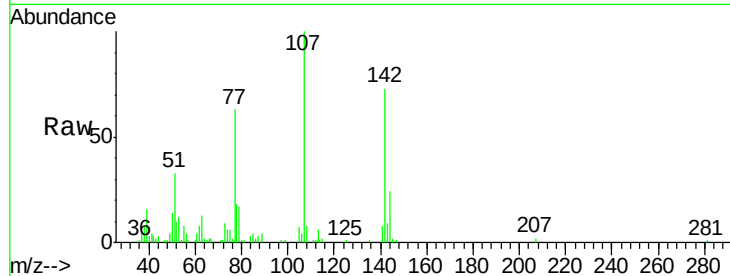




#33  
 4-Chloro-3-methylphenol  
 Concen: 20.26 ng/ul  
 RT: 11.77 min Scan# 1561  
 Delta R.T. 0.08 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

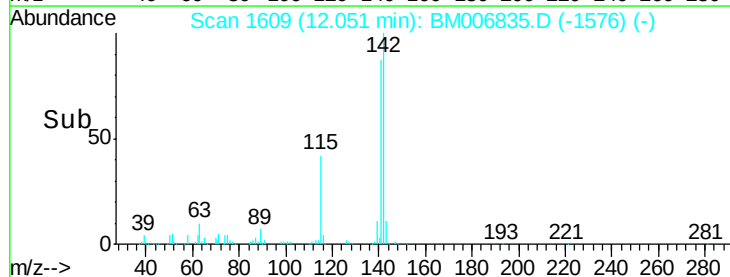
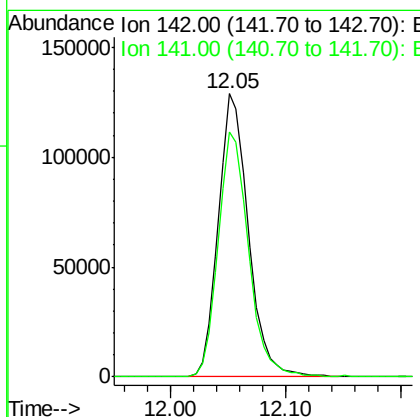
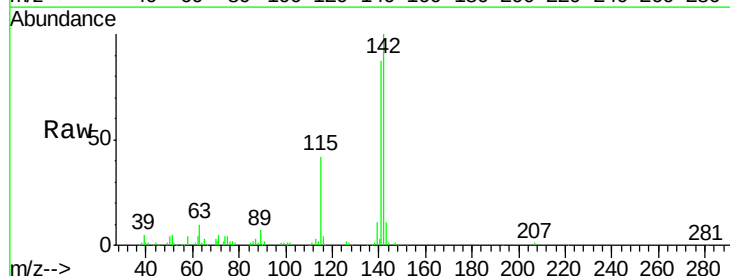
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

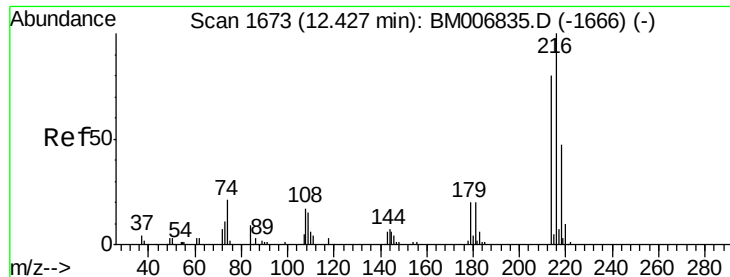
Tgt Ion:107 Resp: 107423  
 Ion Ratio Lower Upper  
 107 100  
 144 23.8 20.2 30.4  
 142 73.0 63.4 95.2



#34  
 2-Methylnaphthalene  
 Concen: 21.25 ng/ul  
 RT: 12.05 min Scan# 1609  
 Delta R.T. -0.01 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

Tgt Ion:142 Resp: 233494  
 Ion Ratio Lower Upper  
 142 100  
 141 86.7 69.0 103.4

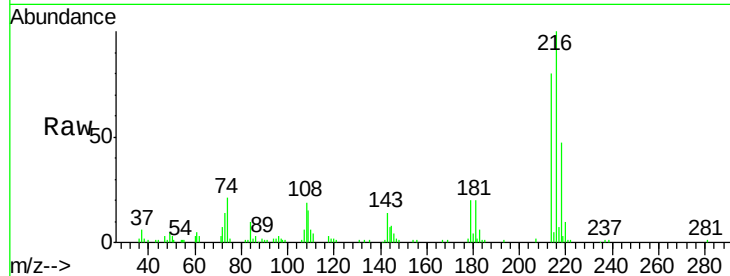




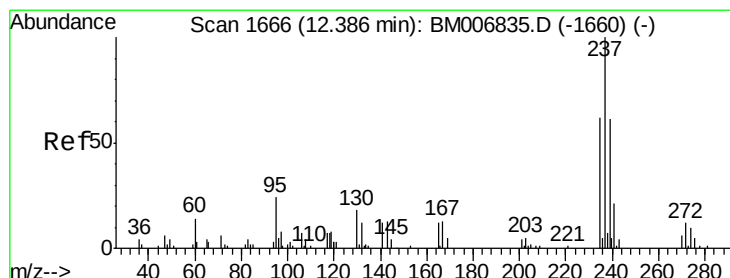
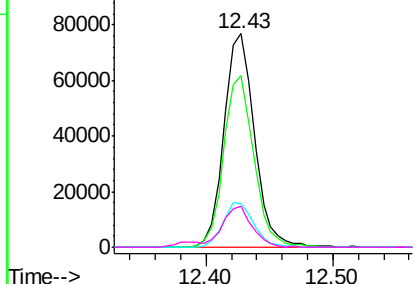
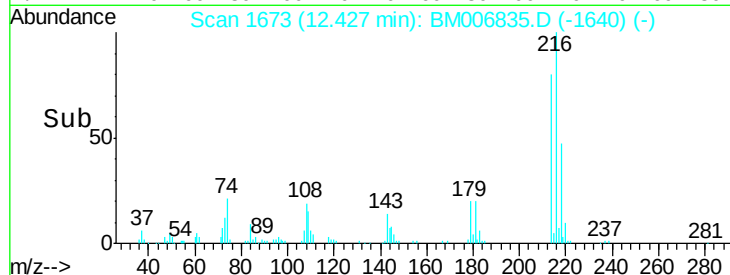
#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.27 ng/ul  
 RT: 12.43 min Scan# 1673  
 Delta R.T. -0.01 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02034

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 216   | Resp: | 127917 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 80.0  | 62.4  | 93.6   |
| 179      | 20.1  | 16.8  | 25.2   |
| 108      | 19.1  | 15.0  | 22.4   |

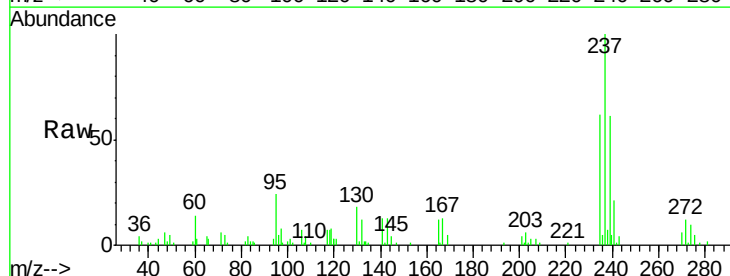


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E



#37  
 Hexachlorocyclopentadiene  
 Concen: 26.81 ng/ul  
 RT: 12.39 min Scan# 1666  
 Delta R.T. -0.02 min  
 Lab File: BM006835.D  
 Acq: 02 Aug 2016 16:08

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 237   | Resp: | 69135 |
| Ion      | Ratio | Lower | Upper |
| 237      | 100   |       |       |
| 235      | 61.8  | 49.2  | 73.8  |
| 272      | 12.2  | 10.6  | 15.8  |



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

