

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM070216\  
 Data File : BM006189.D  
 Acq On : 01 Jul 2016 21:37  
 Operator : UM/SJ  
 Sample : SSTD08063  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08063

Quant Time: Jul 02 23:40:43 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 02 23:37:13 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.65  | 152  | 150189   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.44 | 136  | 703156   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.31 | 164  | 424755   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.06 | 188  | 1006980  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.26 | 240  | 1052054  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.48 | 264  | 1237995  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.16  | 96  | 102150  | 26.56 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.84  | 99  | 1146009 | 79.06 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 651038  | 81.03 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.19  | 132 | 842956  | 76.08 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.38  | 113 | 913229  | 74.83 | ng/ul | 0.01 |
| 19) Nitrobenzene-d5            | 8.82  | 128 | 439563  | 84.30 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.53  | 143 | 499244  | 87.38 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.07 | 165 | 882971  | 79.39 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.58 | 131 | 997022  | 82.62 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.73 | 166 | 2610347 | 74.22 | ng/ul | 0.01 |
| 46) Acenaphthylene-d8          | 14.00 | 160 | 3176353 | 75.77 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.55 | 143 | 537164  | 75.22 | ng/ul | 0.02 |
| 57) Fluorene-d10               | 15.31 | 176 | 2156099 | 69.80 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.45 | 200 | 484515  | 88.08 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.16 | 188 | 3319764 | 71.01 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.46 | 212 | 3655965 | 83.44 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.34 | 264 | 4061054 | 72.73 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |         |              | Qvalue |
|--------------------------------|-------|-----|---------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.19  | 88  | 110438  | 25.96 ng/uL# | 28     |
| 4) Benzaldehyde                | 6.80  | 77  | 568262  | 78.55 ng/ul  | 98     |
| 6) Phenol                      | 6.87  | 94  | 1192273 | 78.64 ng/ul  | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.09  | 93  | 848983  | 77.40 ng/ul  | 100    |
| 10) 2-Chlorophenol             | 7.23  | 128 | 867302  | 76.06 ng/ul  | 99     |
| 11) 2-Methylphenol             | 8.10  | 108 | 904434  | 76.65 ng/ul  | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.19  | 45  | 1272832 | 81.11 ng/ul  | 100    |
| 14) Acetophenone               | 8.48  | 105 | 1349504 | 72.63 ng/ul  | 99     |
| 15) N-Nitroso-di-n-propylamine | 8.48  | 70  | 723930  | 69.10 ng/ul  | 97     |
| 16) 4-Methylphenol             | 8.45  | 108 | 975526  | 74.25 ng/ul  | 98     |
| 17) Hexachloroethane           | 8.72  | 117 | 344882  | 80.88 ng/ul  | 93     |
| 20) Nitrobenzene               | 8.86  | 77  | 1114723 | 85.31 ng/ul  | 98     |
| 21) Isophorone                 | 9.39  | 82  | 2107579 | 79.92 ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.56  | 139 | 533305  | 86.43 ng/ul  | 99     |
| 24) 2,4-Dimethylphenol         | 9.63  | 107 | 1100367 | 80.87 ng/ul  | 98     |
| 25) Bis(2-Chloroethoxy)methane | 9.86  | 93  | 1223538 | 78.54 ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.10 | 162 | 866952  | 77.45 ng/ul  | 97     |
| 28) Naphthalene                | 10.49 | 128 | 2658126 | 74.06 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.61 | 127 | 1033205 | 80.39 ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 10.77 | 225 | 532018  | 81.95 ng/ul  | 98     |
| 32) Caprolactam                | 11.40 | 113 | 199611  | 46.49 ng/ul  | 95     |
| 33) 4-Chloro-3-methylphenol    | 11.76 | 107 | 1054293 | 76.93 ng/ul  | 97     |
| 34) 2-Methylnaphthalene        | 12.11 | 142 | 1994651 | 71.02 ng/ul  | 98     |

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 Sample : SSTD08063  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

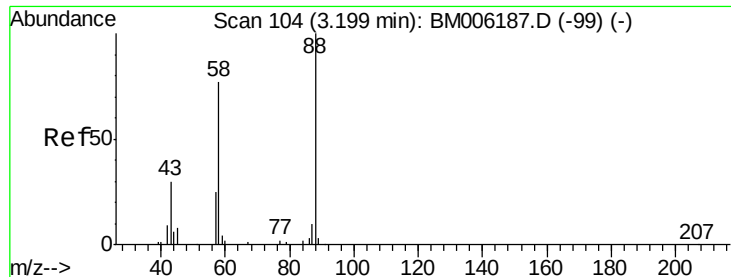
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08063

Quant Time: Jul 02 23:40:43 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM070216.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 02 23:37:13 2016  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.49 | 216  | 1031995  | 77.90 | ng/ul | 99       |
| 37) Hexachlorocyclopentadiene  | 12.46 | 237  | 669449   | 90.72 | ng/ul | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.73 | 196  | 752744   | 81.98 | ng/ul | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.82 | 196  | 787158   | 78.67 | ng/ul | 97       |
| 40) 1,1'-Biphenyl              | 13.14 | 154  | 2492615  | 72.34 | ng/ul | 99       |
| 41) 2-Chloronaphthalene        | 13.18 | 162  | 1979539  | 74.62 | ng/ul | 100      |
| 42) 2-Nitroaniline             | 13.40 | 65   | 804288   | 91.44 | ng/ul | 95       |
| 44) Dimethylphthalate          | 13.77 | 163  | 2571291  | 71.98 | ng/ul | 99       |
| 45) 2,6-Dinitrotoluene         | 13.90 | 165  | 593222   | 83.76 | ng/ul | 99       |
| 47) Acenaphthylene             | 14.03 | 152  | 3276782  | 75.22 | ng/ul | 99       |
| 48) 3-Nitroaniline             | 14.23 | 138  | 545236   | 75.05 | ng/ul | 100      |
| 49) Acenaphthene               | 14.37 | 153  | 2065533  | 70.53 | ng/ul | 98       |
| 50) 2,4-Dinitrophenol          | 14.45 | 184  | 377608   | 91.95 | ng/ul | 98       |
| 52) 4-Nitrophenol              | 14.56 | 109  | 541909   | 83.01 | ng/ul | 93       |
| 53) Dibenzofuran               | 14.72 | 168  | 2858956  | 66.91 | ng/ul | 97       |
| 54) 2,4-Dinitrotoluene         | 14.70 | 165  | 799248   | 75.72 | ng/ul | 89       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.95 | 232  | 706035   | 75.46 | ng/ul | 99       |
| 56) Diethylphthalate           | 15.15 | 149  | 2684588  | 71.14 | ng/ul | 99       |
| 58) Fluorene                   | 15.37 | 166  | 2143358  | 61.18 | ng/ul | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.36 | 204  | 1046724  | 61.93 | ng/ul | 95       |
| 60) 4-Nitroaniline             | 15.41 | 138  | 585924   | 67.37 | ng/ul | 97       |
| 63) 4,6-Dinitro-2-methylphenol | 15.47 | 198  | 517894   | 86.62 | ng/ul | 99       |
| 64) N-Nitrosodiphenylamine     | 15.58 | 169  | 2121856  | 73.32 | ng/ul | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.26 | 248  | 793209   | 76.11 | ng/ul | 98       |
| 66) Hexachlorobenzene          | 16.37 | 284  | 866276   | 72.13 | ng/ul | 96       |
| 67) Atrazine                   | 16.54 | 200  | 862491   | 82.93 | ng/ul | 97       |
| 68) Pentachlorophenol          | 16.72 | 266  | 562085   | 75.87 | ng/ul | 97       |
| 69) Phenanthrene               | 17.10 | 178  | 3885846  | 67.84 | ng/ul | 99       |
| 71) Anthracene                 | 17.20 | 178  | 3920868  | 68.80 | ng/ul | 99       |
| 72) Carbazole                  | 17.47 | 167  | 3649109  | 71.53 | ng/ul | 99       |
| 73) Di-n-butylphthalate        | 18.03 | 149  | 4576393  | 71.13 | ng/ul | 99       |
| 74) Fluoranthene               | 19.13 | 202  | 4612822  | 69.37 | ng/ul | 98       |
| 77) Pyrene                     | 19.49 | 202  | 4657583  | 79.80 | ng/ul | 97       |
| 78) Butylbenzylphthalate       | 20.39 | 149  | 2209709  | 87.84 | ng/ul | 98       |
| 79) 3,3'-Dichlorobenzidine     | 21.18 | 252  | 1337913  | 66.25 | ng/ul | 99       |
| 80) Benzo(a)anthracene         | 21.24 | 228  | 4541264  | 72.60 | ng/ul | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.17 | 149  | 2603177  | 70.91 | ng/ul | 100      |
| 82) Chrysene                   | 21.30 | 228  | 4089910  | 69.77 | ng/ul | 98       |
| 84) Di-n-octyl phthalate       | 22.04 | 149  | 5399554  | 78.71 | ng/ul | 99       |
| 85) Benzo(b)fluoranthene       | 22.82 | 252  | 4941900  | 69.67 | ng/ul | 100      |
| 86) Benzo(k)fluoranthene       | 22.87 | 252  | 4352888  | 62.74 | ng/ul | 98       |
| 88) Benzo(a)pyrene             | 23.40 | 252  | 4821004  | 68.29 | ng/ul | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.74 | 276  | 5457474  | 60.24 | ng/ul | 99       |
| 90) Dibenzo(a,h)anthracene     | 25.75 | 278  | 4338176  | 57.73 | ng/ul | 99       |
| 91) Benzo(g,h,i)perylene       | 26.43 | 276  | 4974840  | 63.37 | ng/ul | 100      |

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





#2

1,4-Dioxane

Concen: 25.96 ng/uL

RT: 3.19 min Scan# 103

Delta R.T. -0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

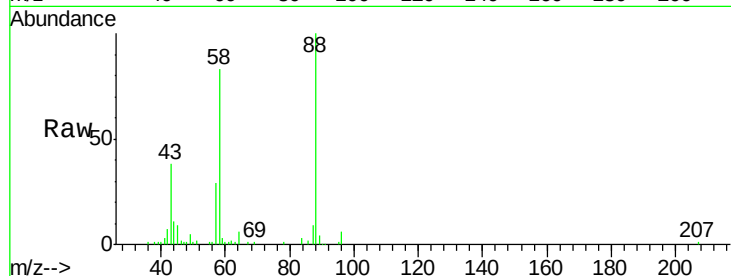
Tgt Ion: 88 Resp: 110438

Ion Ratio Lower Upper

88 100

43 33.1 0.8 1.2#

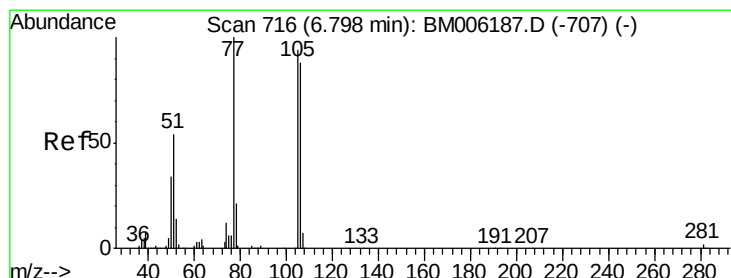
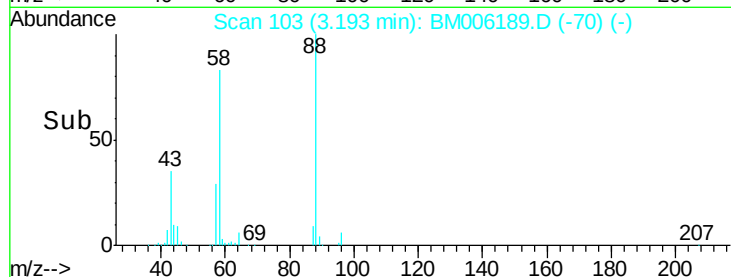
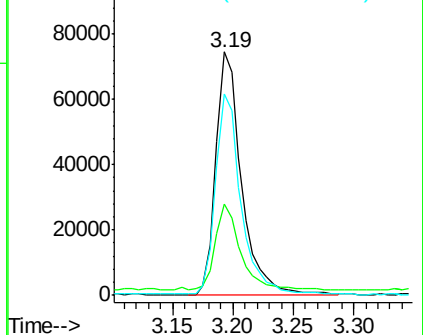
58 79.8 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM006189.D (-100) (-)

Ion 43.00 (42.70 to 43.70): BM006189.D (-100) (-)

Ion 58.00 (57.70 to 58.70): BM006189.D (-100) (-)



#4

Benzaldehyde

Concen: 78.55 ng/uL

RT: 6.80 min Scan# 717

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

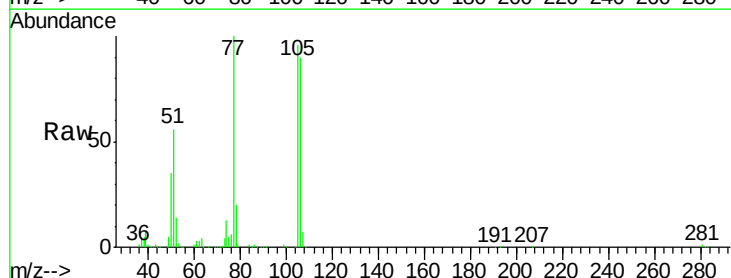
Tgt Ion: 77 Resp: 568262

Ion Ratio Lower Upper

77 100

105 95.7 74.9 112.3

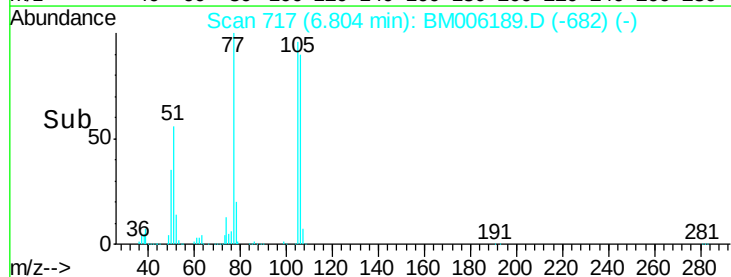
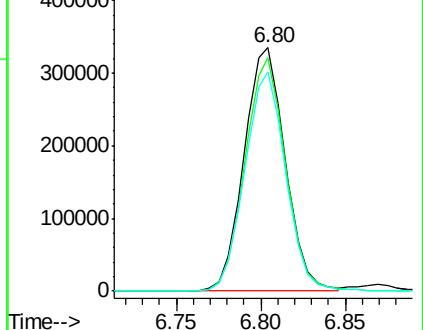
106 90.1 70.7 106.1

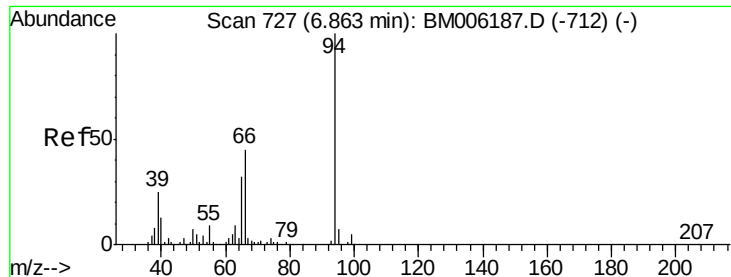


Abundance Ion 77.00 (76.70 to 77.70): BM006189.D (-682) (-)

Ion 105.00 (104.70 to 105.70): BM006189.D (-682) (-)

Ion 106.00 (105.70 to 106.70): BM006189.D (-682) (-)





#6

Phenol

Concen: 78.64 ng/ul

RT: 6.87 min Scan# 728

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

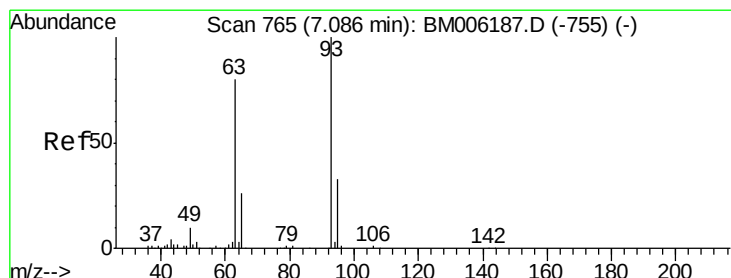
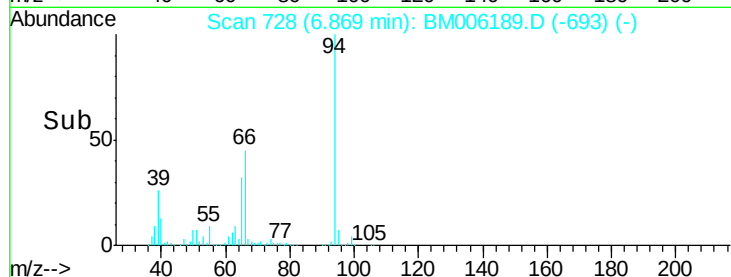
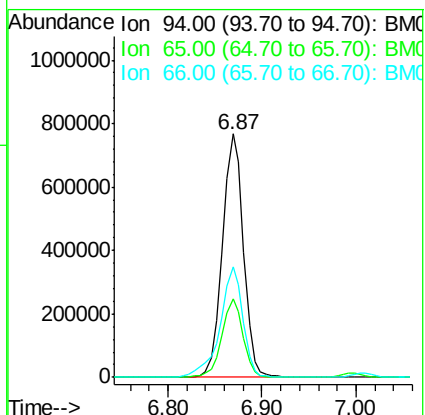
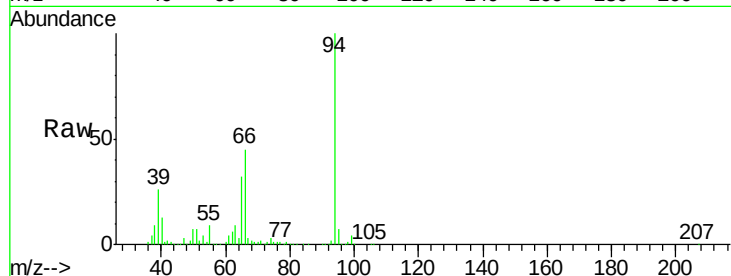
Tgt Ion: 94 Resp: 1192273

Ion Ratio Lower Upper

94 100

65 32.0 25.8 38.8

66 45.5 35.7 53.5



#8

Bis(2-Chloroethyl)ether

Concen: 77.40 ng/ul

RT: 7.09 min Scan# 766

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

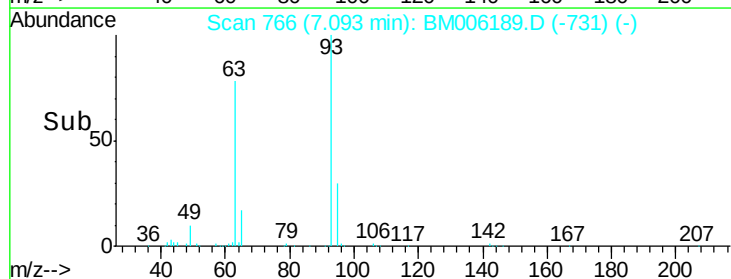
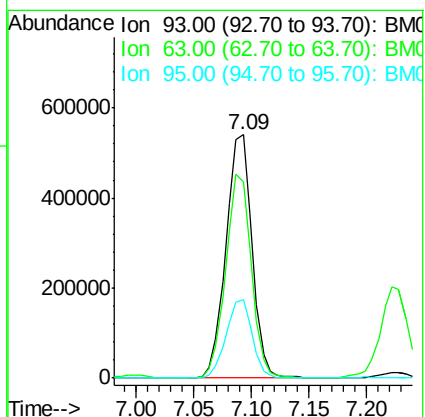
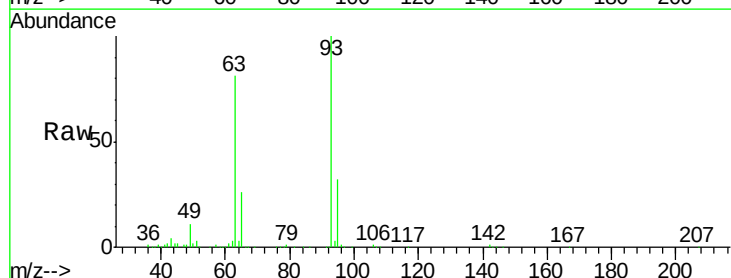
Tgt Ion: 93 Resp: 848983

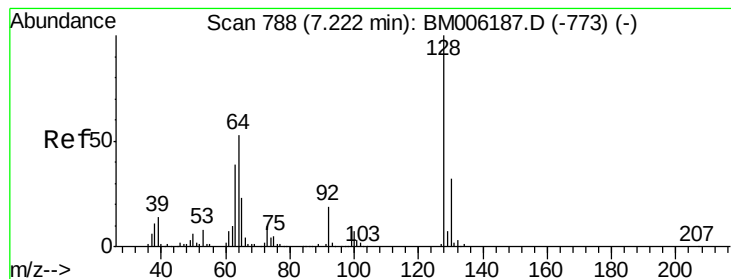
Ion Ratio Lower Upper

93 100

63 80.6 64.2 96.4

95 32.0 26.0 39.0





#10

2-Chlorophenol

Concen: 76.06 ng/ul

RT: 7.23 min Scan# 789

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

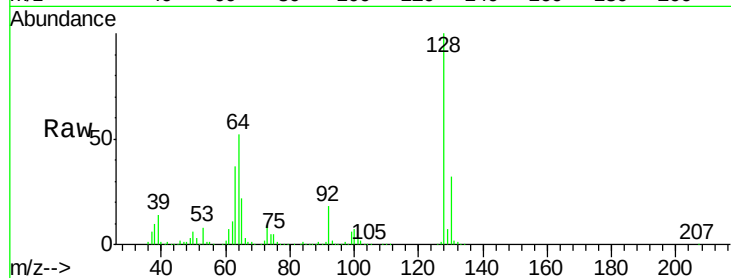
Tgt Ion:128 Resp: 867302

Ion Ratio Lower Upper

128 100

64 52.4 42.6 63.8

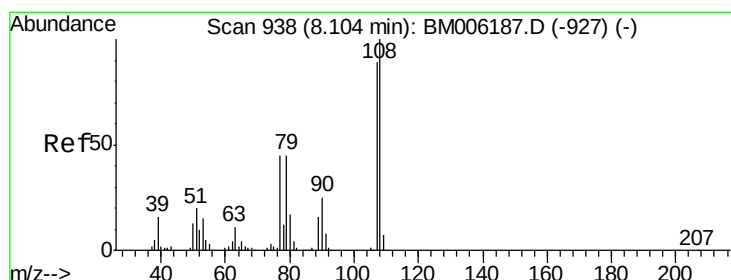
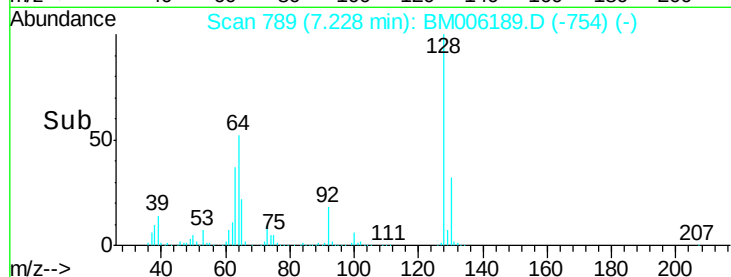
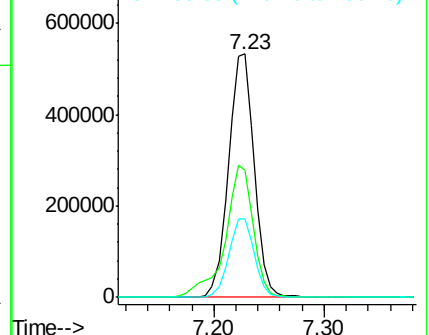
130 32.2 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 76.65 ng/ul

RT: 8.10 min Scan# 938

Delta R.T. 0.00 min

Lab File: BM006189.D

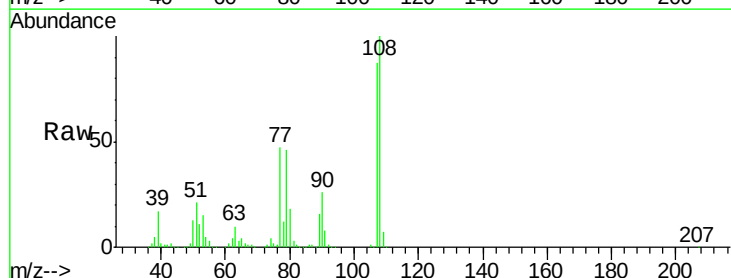
Acq: 01 Jul 2016 21:37

Tgt Ion:108 Resp: 904434

Ion Ratio Lower Upper

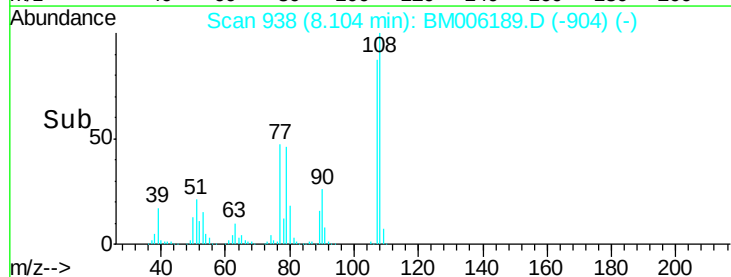
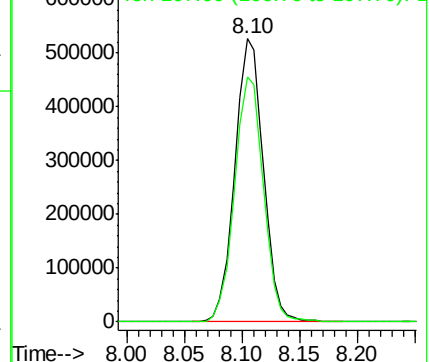
108 100

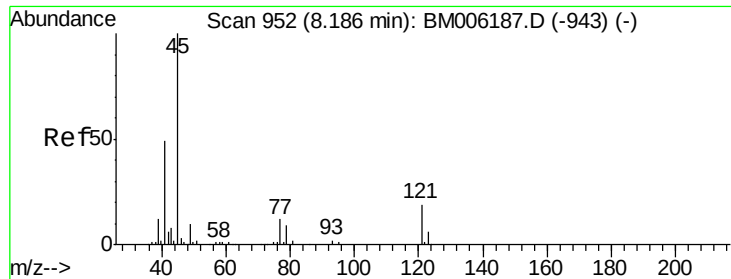
107 86.6 71.0 106.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

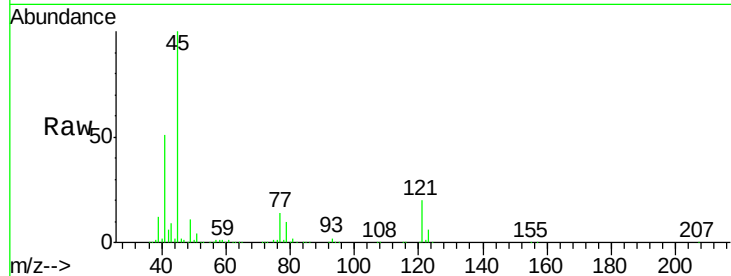




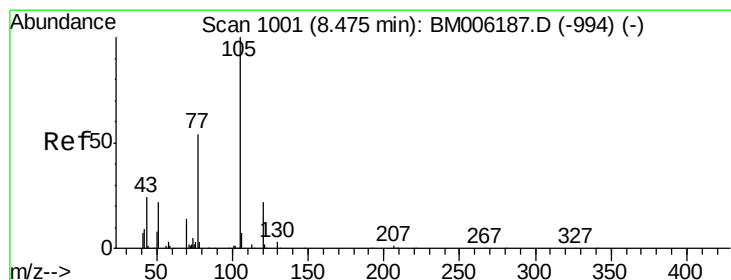
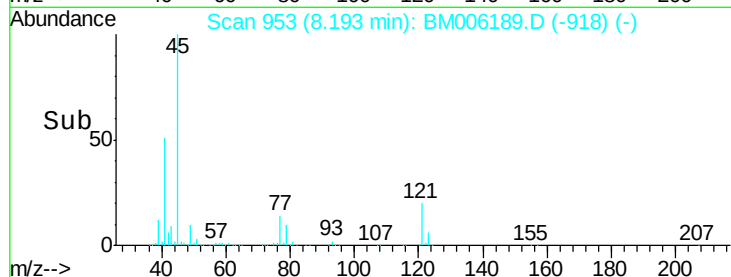
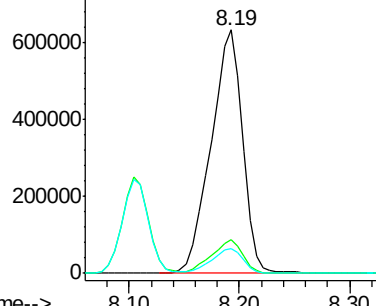
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 81.11 ng/ul  
RT: 8.19 min Scan# 953  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

Tgt Ion: 45 Resp: 1272832  
Ion Ratio Lower Upper  
45 100  
77 13.9 11.0 16.4  
79 10.3 8.2 12.4

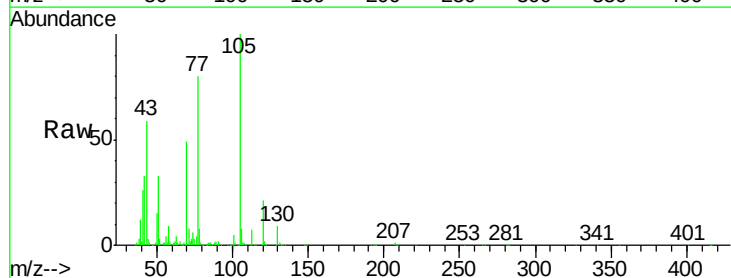


Abundance Ion 45.00 (44.70 to 45.70): BM006187.D (-943) (-)  
Ion 77.00 (76.70 to 77.70): BM006187.D (-943) (-)  
Ion 79.00 (78.70 to 79.70): BM006187.D (-943) (-)

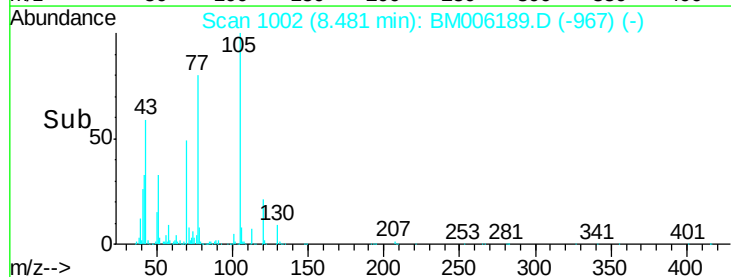
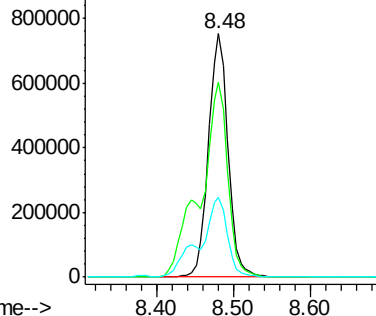


#14  
Acetophenone  
Concen: 72.63 ng/ul  
RT: 8.48 min Scan# 1002  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

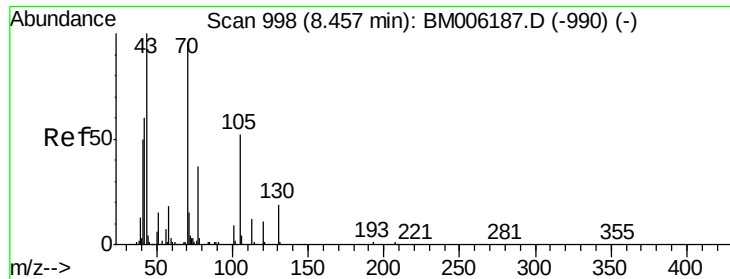
Tgt Ion: 105 Resp: 1349504  
Ion Ratio Lower Upper  
105 100  
77 79.9 62.8 94.2  
51 33.0 26.5 39.7



Abundance Ion 105.00 (104.70 to 105.70): BM006187.D (-994) (-)  
Ion 77.00 (76.70 to 77.70): BM006187.D (-994) (-)  
Ion 51.00 (50.70 to 51.70): BM006187.D (-994) (-)







#15

N-Nitroso-di-n-propylamine

Concen: 69.10 ng/ul

RT: 8.48 min Scan# 1002

Delta R.T. 0.02 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

Tgt Ion: 70 Resp: 723930

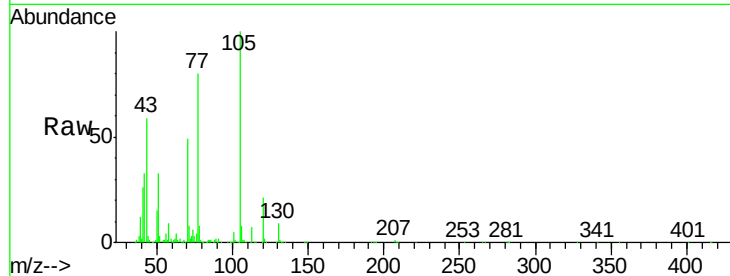
Ion Ratio Lower Upper

70 100

42 66.8 50.6 75.8

101 9.7 7.9 11.9

130 19.5 15.8 23.6

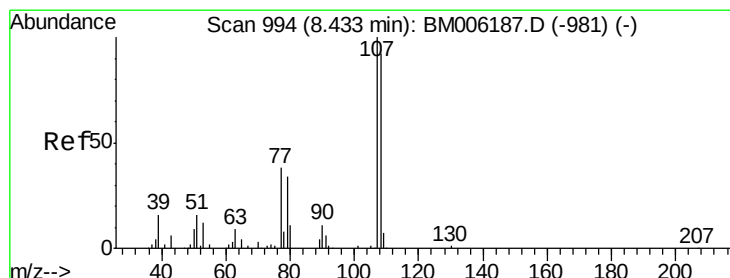
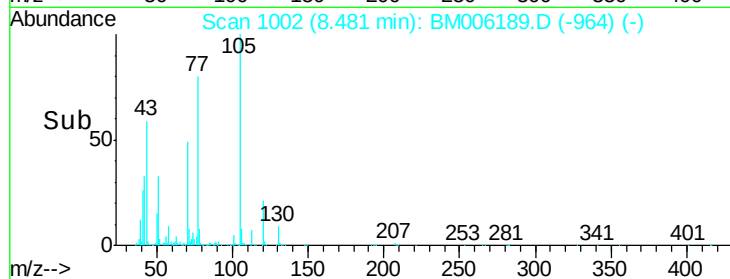
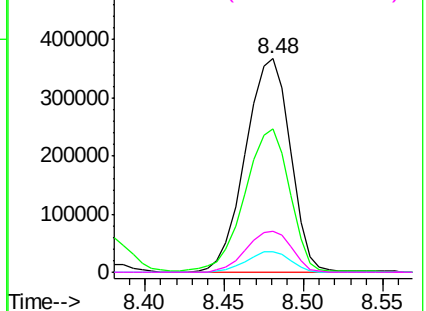


Abundance Ion 70.00 (69.70 to 70.70): BM006189.D (-990) (-)

Ion 42.00 (41.70 to 42.70): BM006189.D (-990) (-)

Ion 101.00 (100.70 to 101.70): BM006189.D (-990) (-)

Ion 130.00 (129.70 to 130.70): BM006189.D (-990) (-)



#16

4-Methylphenol

Concen: 74.25 ng/ul

RT: 8.45 min Scan# 996

Delta R.T. 0.01 min

Lab File: BM006189.D

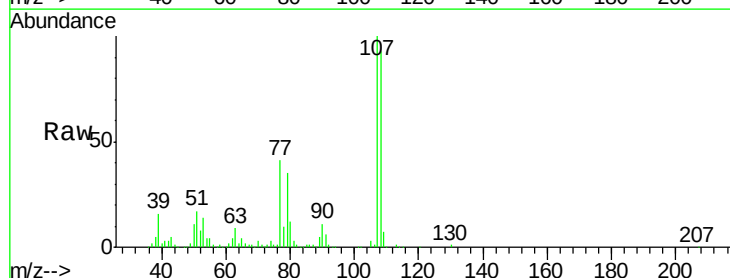
Acq: 01 Jul 2016 21:37

Tgt Ion: 108 Resp: 975526

Ion Ratio Lower Upper

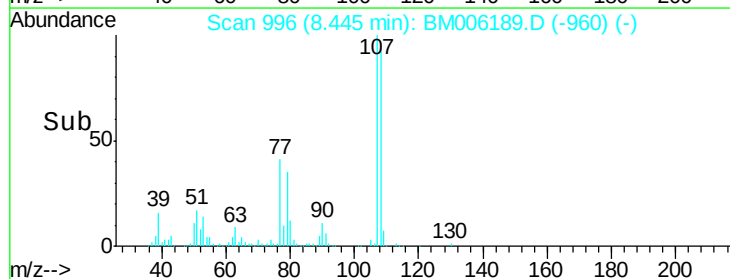
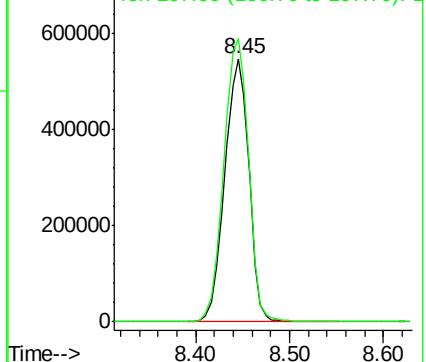
108 100

107 107.5 87.4 131.0

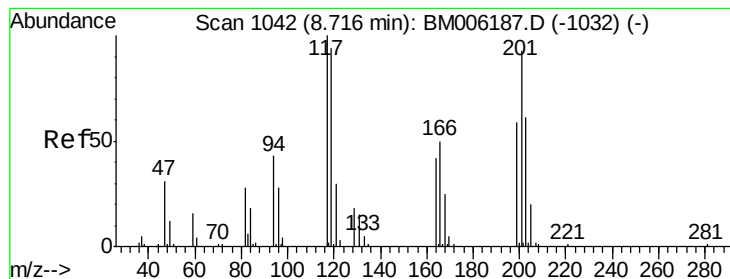


Abundance Ion 108.00 (107.70 to 108.70): BM006189.D (-960) (-)

Ion 107.00 (106.70 to 107.70): BM006189.D (-960) (-)







#17

Hexachloroethane

Concen: 80.88 ng/ul

RT: 8.72 min Scan# 1043

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

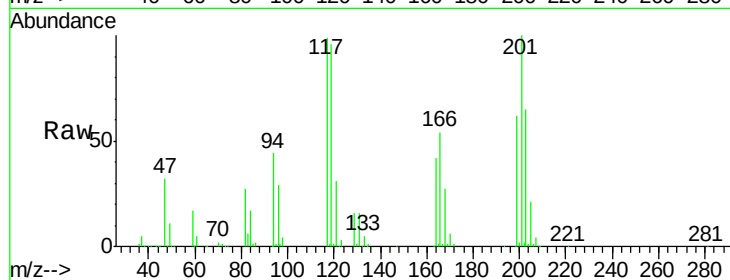
Tgt Ion: 117 Resp: 344882

Ion Ratio Lower Upper

117 100

201 101.0 74.6 111.8

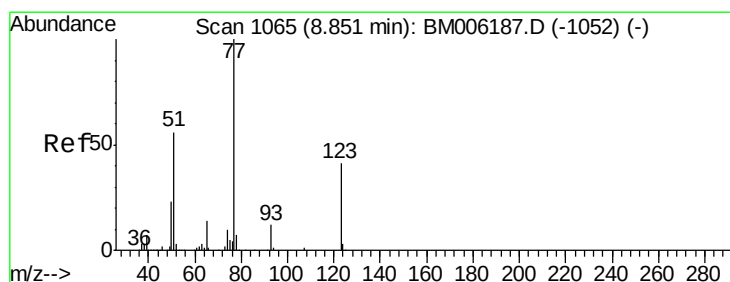
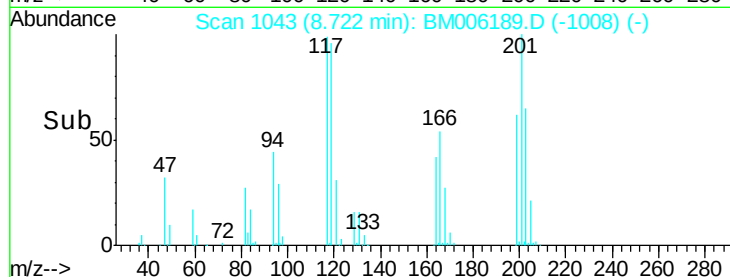
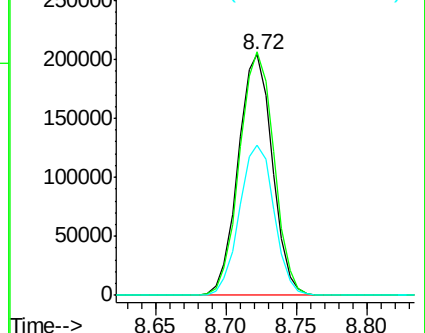
199 62.4 47.5 71.3



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: 85.31 ng/ul

RT: 8.86 min Scan# 1066

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

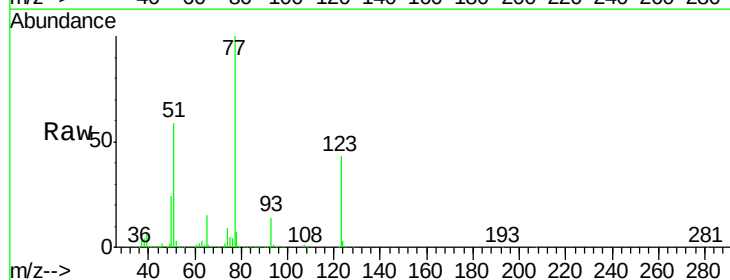
Tgt Ion: 77 Resp: 1114723

Ion Ratio Lower Upper

77 100

123 42.8 33.0 49.4

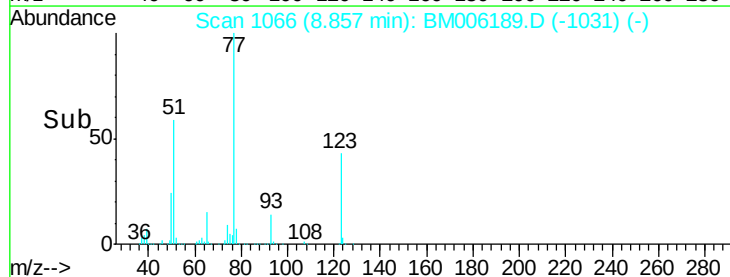
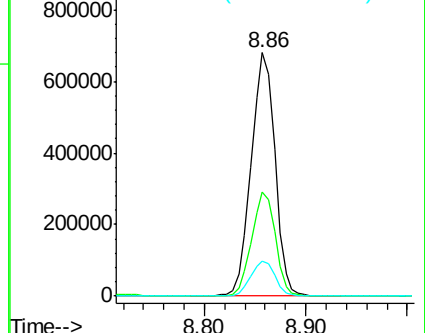
65 14.6 11.5 17.3

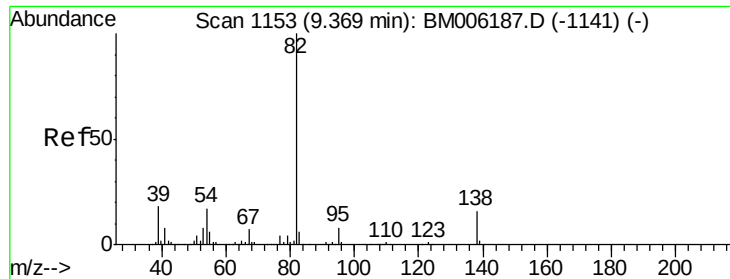


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 79.92 ng/ul

RT: 9.39 min Scan# 1156

Delta R.T. 0.02 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

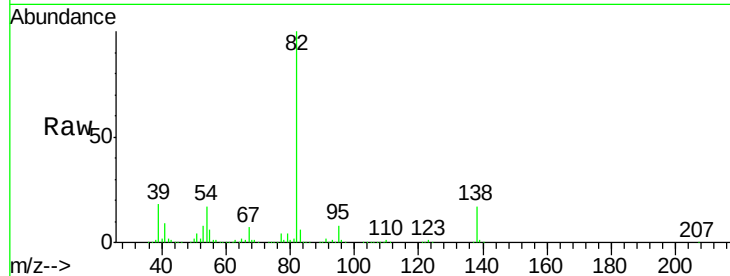
Tgt Ion: 82 Resp: 2107579

Ion Ratio Lower Upper

82 100

95 8.0 6.0 9.0

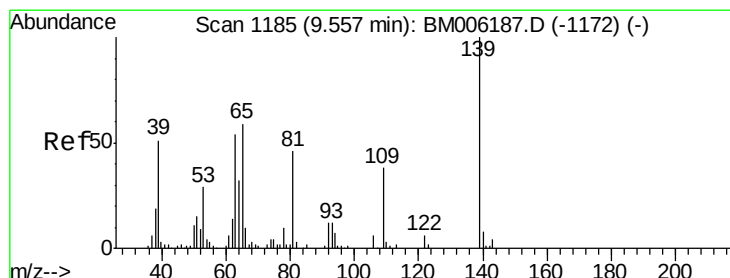
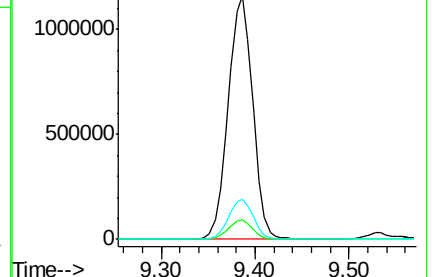
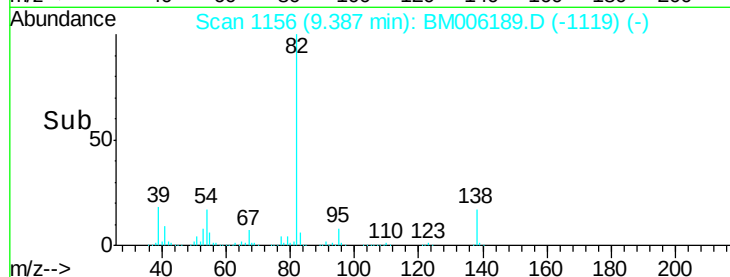
138 16.7 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BM006187.D (-1141) (-)

Ion 95.00 (94.70 to 95.70): BM006187.D (-1141) (-)

Ion 138.00 (137.70 to 138.70): BM006187.D (-1141) (-)



#23

2-Nitrophenol

Concen: 86.43 ng/ul

RT: 9.56 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

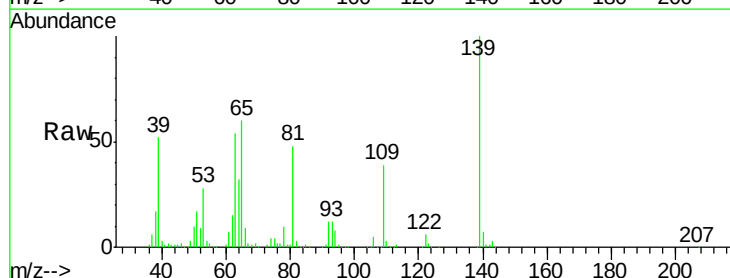
Tgt Ion: 139 Resp: 533305

Ion Ratio Lower Upper

139 100

65 59.6 47.2 70.8

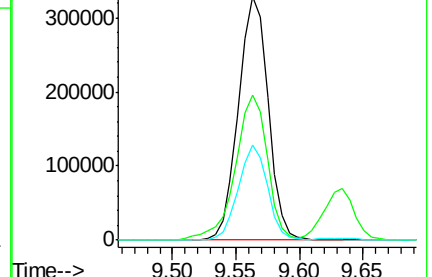
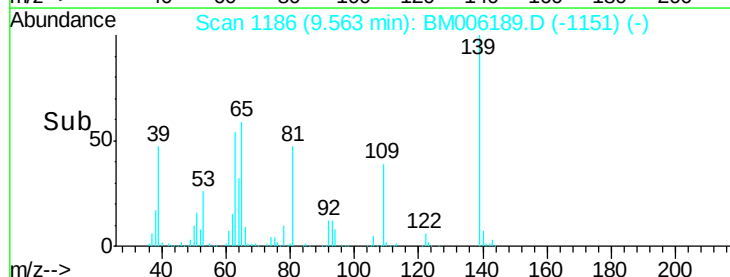
109 39.1 30.2 45.2

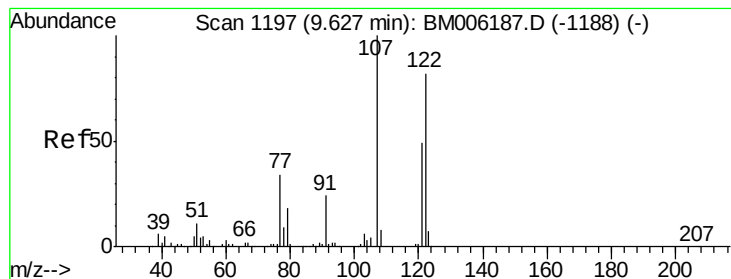


Abundance Ion 139.00 (138.70 to 139.70): BM006187.D (-1172) (-)

Ion 65.00 (64.70 to 65.70): BM006187.D (-1172) (-)

Ion 109.00 (108.70 to 109.70): BM006187.D (-1172) (-)





#24

2,4-Dimethylphenol

Concen: 80.87 ng/ul

RT: 9.63 min Scan# 1198

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

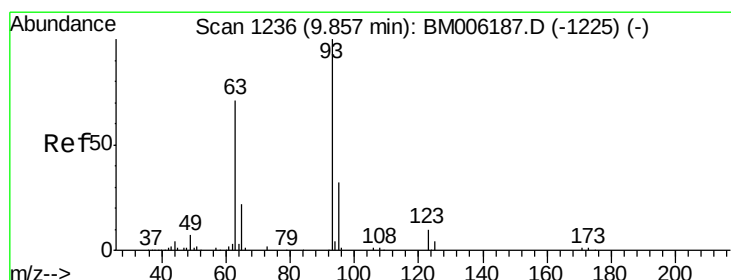
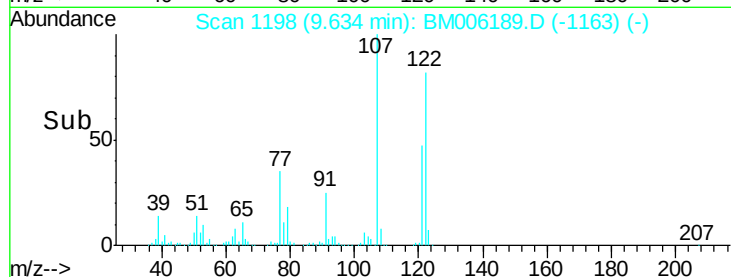
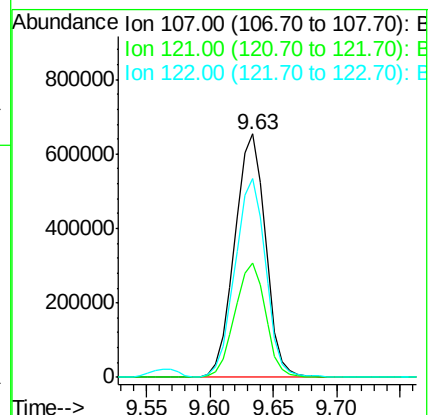
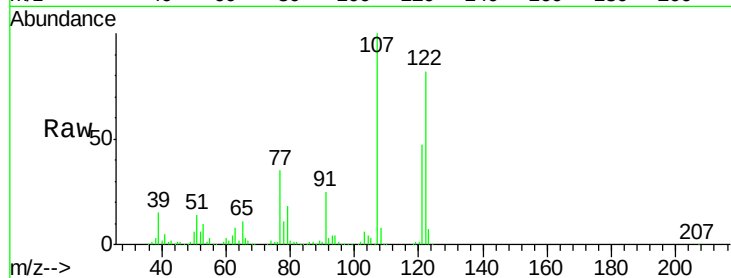
Tgt Ion: 107 Resp: 1100367

Ion Ratio Lower Upper

107 100

121 47.1 39.2 58.8

122 81.8 66.4 99.6



#25

Bis(2-Chloroethoxy)methane

Concen: 78.54 ng/ul

RT: 9.86 min Scan# 1237

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

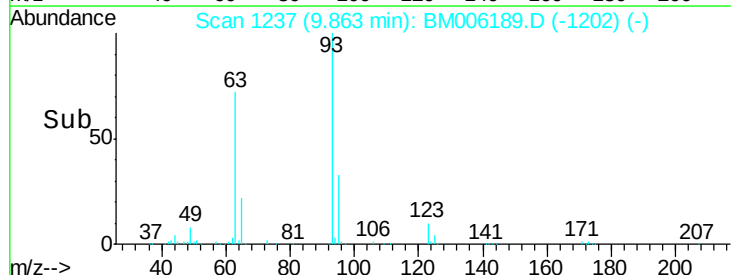
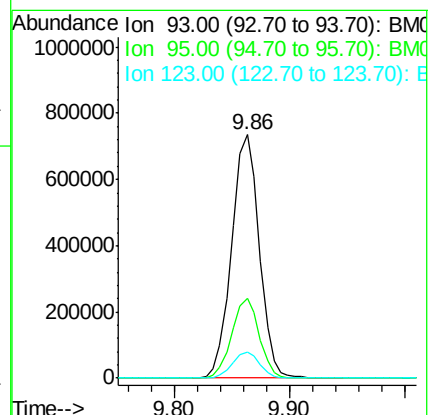
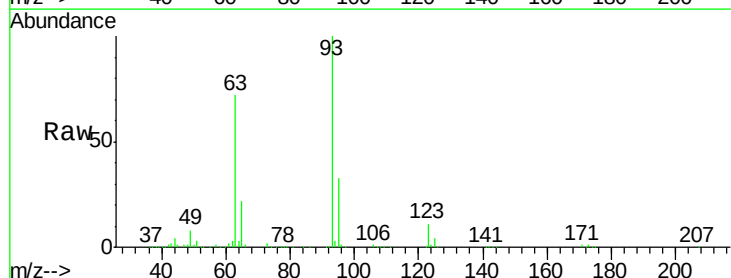
Tgt Ion: 93 Resp: 1223538

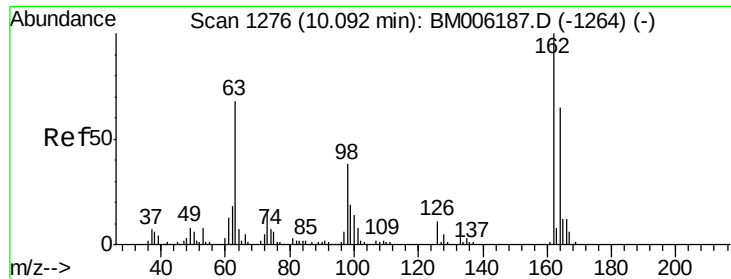
Ion Ratio Lower Upper

93 100

95 32.9 25.8 38.6

123 10.8 8.3 12.5

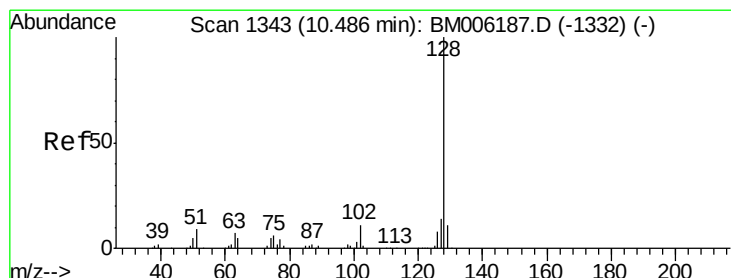
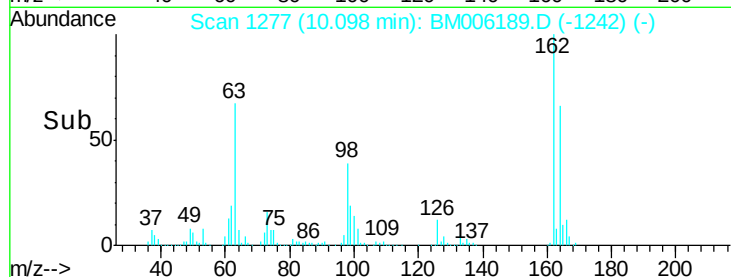
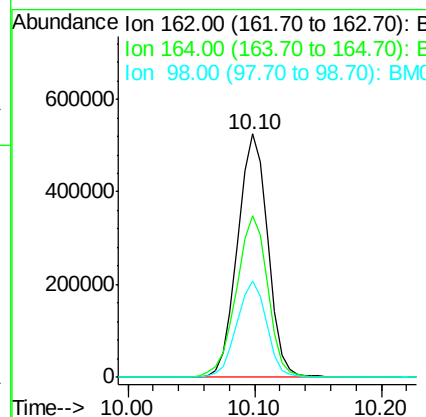
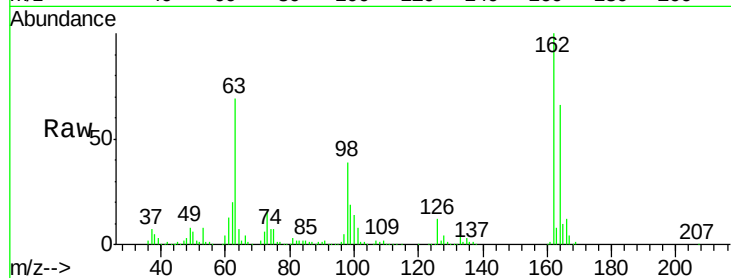




#27  
2,4-Dichlorophenol  
Concen: 77.45 ng/ul  
RT: 10.10 min Scan# 1277  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

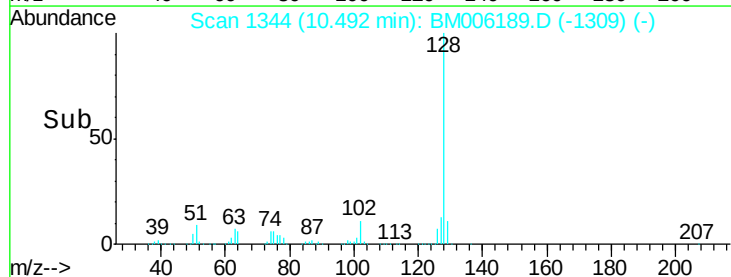
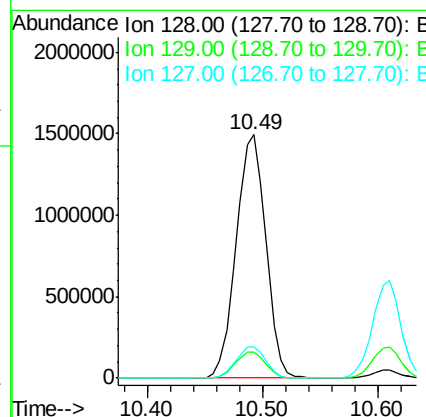
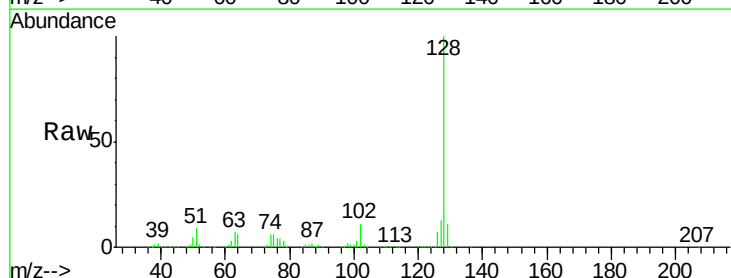
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

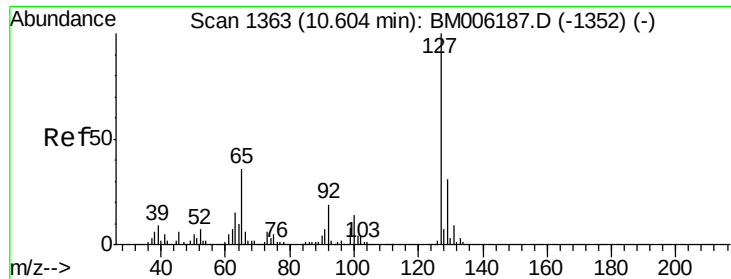
Tgt Ion:162 Resp: 866952  
Ion Ratio Lower Upper  
162 100  
164 66.5 51.6 77.4  
98 39.4 30.3 45.5



#28  
Naphthalene  
Concen: 74.06 ng/ul  
RT: 10.49 min Scan# 1344  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion:128 Resp: 2658126  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.6 13.0  
127 12.7 10.9 16.3

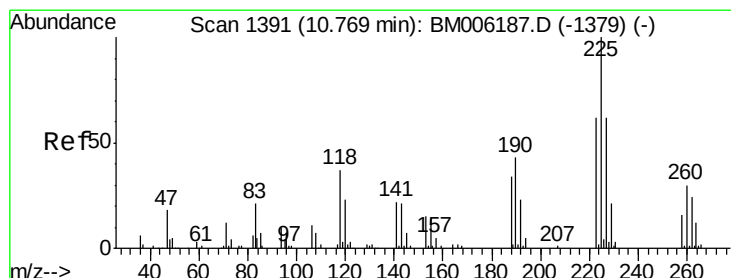
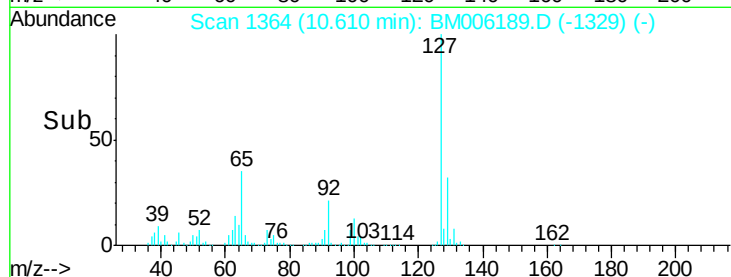
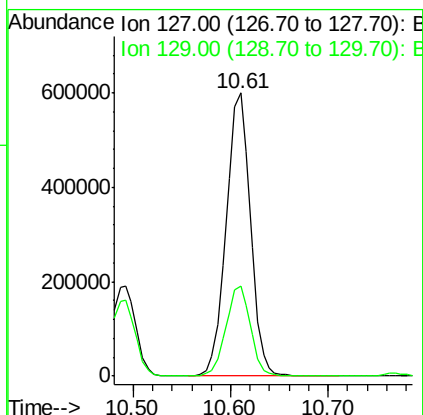
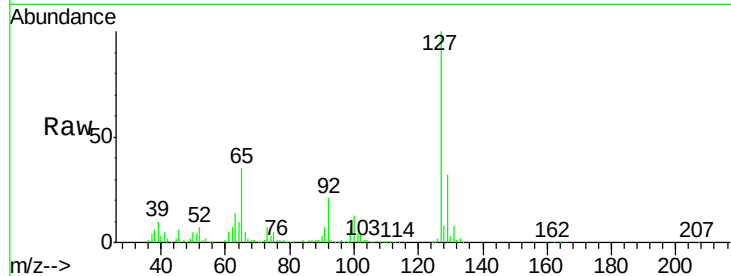




#30  
4-Chloroaniline  
Concen: 80.39 ng/ul  
RT: 10.61 min Scan# 1364  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

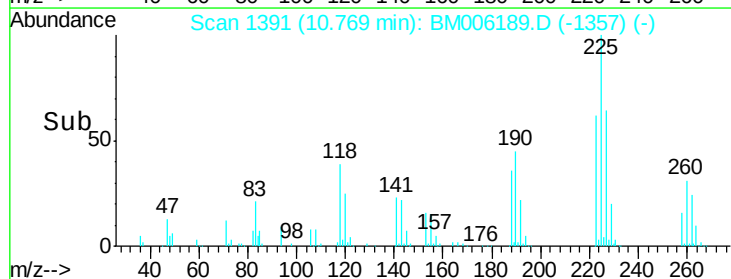
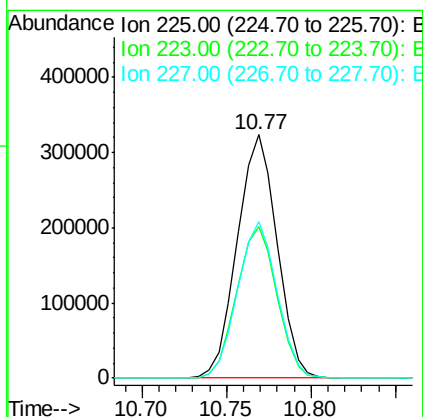
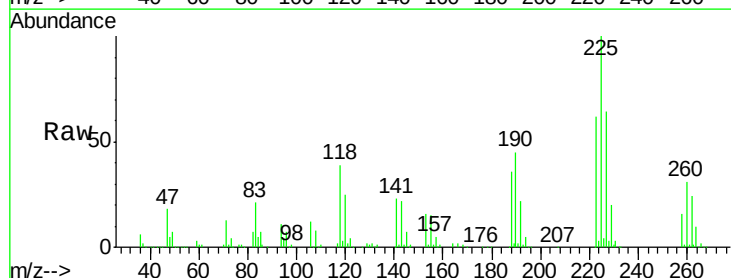
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

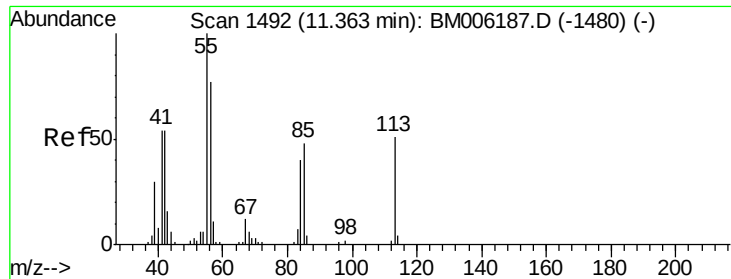
Tgt Ion:127 Resp: 1033205  
Ion Ratio Lower Upper  
127 100  
129 31.7 24.6 37.0



#31  
Hexachlorobutadiene  
Concen: 81.95 ng/ul  
RT: 10.77 min Scan# 1391  
Delta R.T. 0.00 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion:225 Resp: 532018  
Ion Ratio Lower Upper  
225 100  
223 62.1 49.4 74.2  
227 64.4 49.9 74.9





#32

Caprolactam

Concen: 46.49 ng/ul

RT: 11.40 min Scan# 1499

Delta R.T. 0.04 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

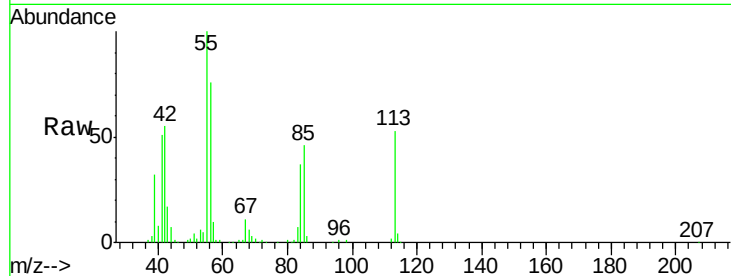
Tgt Ion:113 Resp: 199611

Ion Ratio Lower Upper

113 100

55 188.7 155.8 233.8

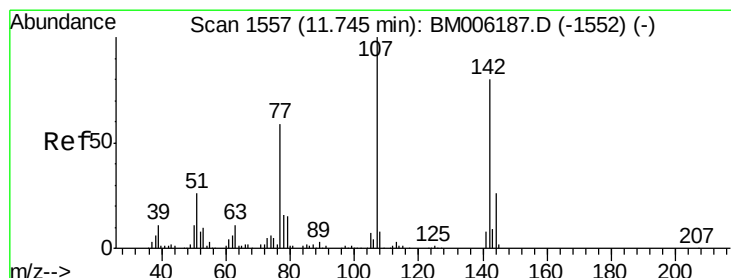
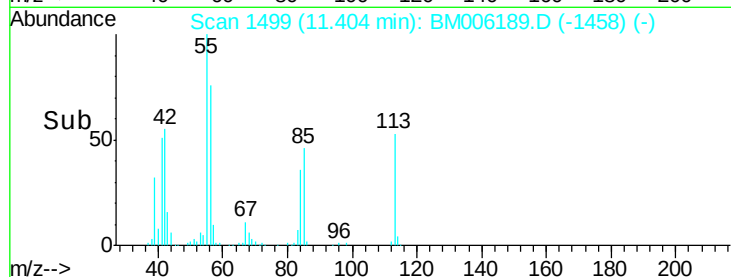
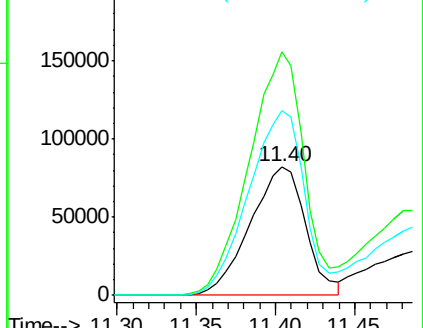
56 143.0 120.5 180.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 76.93 ng/ul

RT: 11.76 min Scan# 1559

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

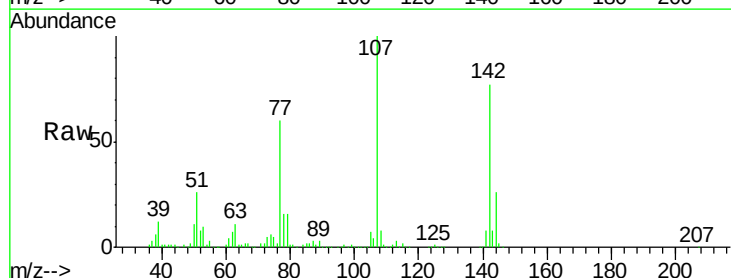
Tgt Ion:107 Resp: 1054293

Ion Ratio Lower Upper

107 100

144 25.9 20.2 30.4

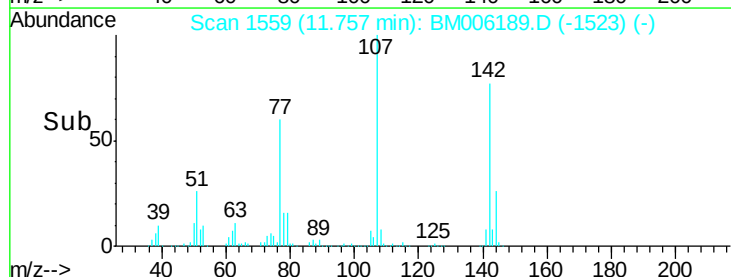
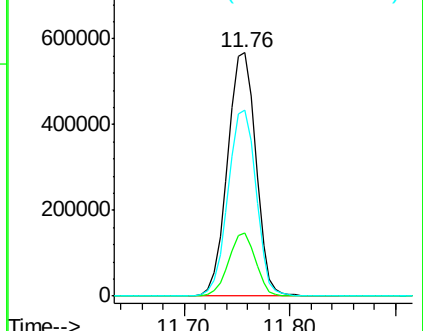
142 76.6 63.4 95.2

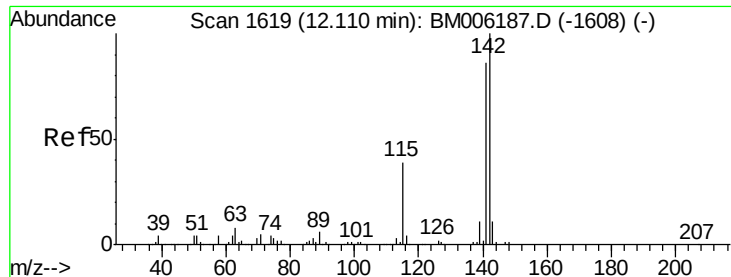


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

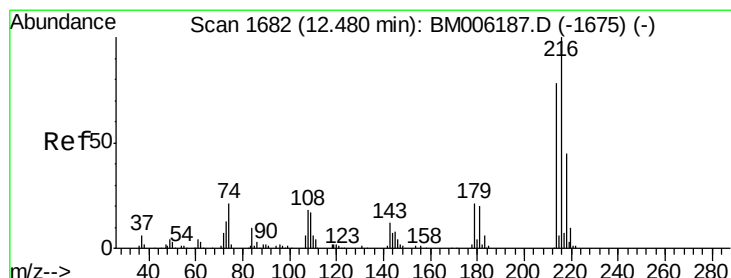
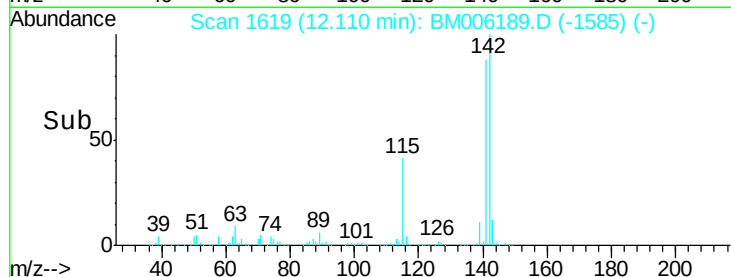
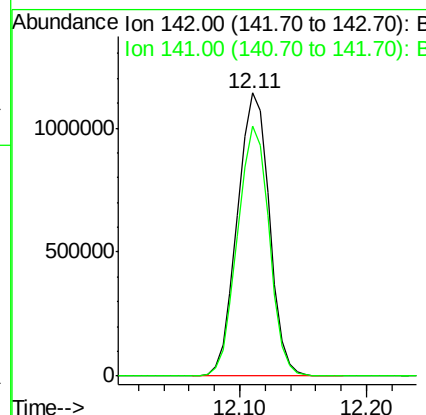
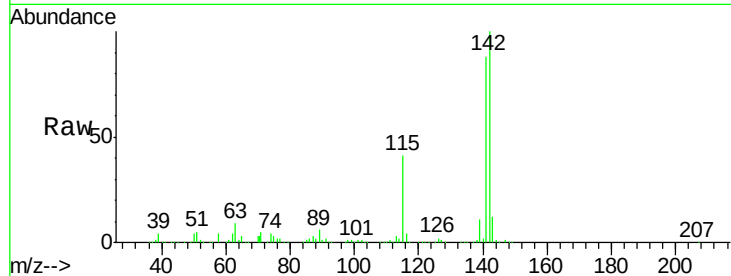




#34  
2-Methylnaphthalene  
Concen: 71.02 ng/ul  
RT: 12.11 min Scan# 1619  
Delta R.T. 0.00 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

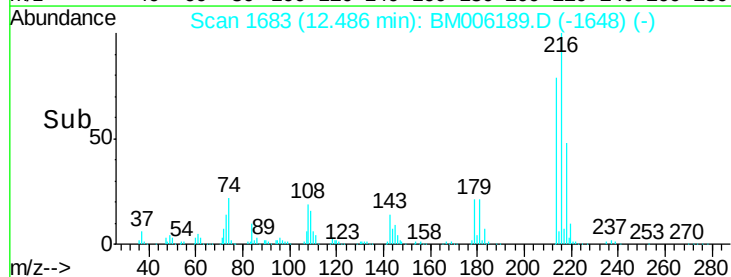
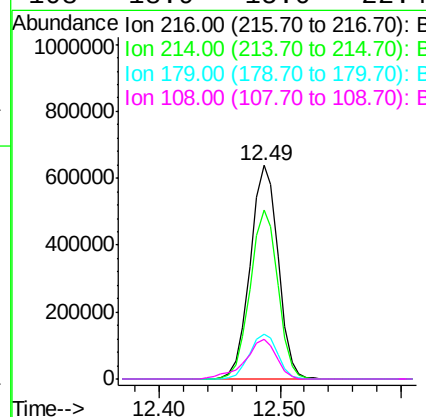
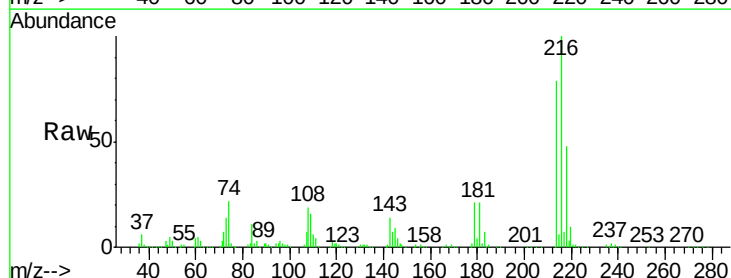
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

Tgt Ion:142 Resp: 1994651  
Ion Ratio Lower Upper  
142 100  
141 88.2 69.0 103.4

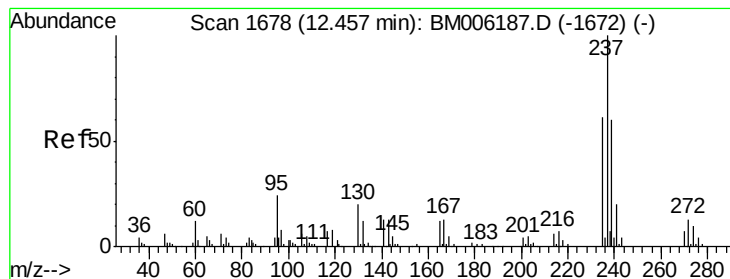


#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 77.90 ng/ul  
RT: 12.49 min Scan# 1683  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion:216 Resp: 1031995  
Ion Ratio Lower Upper  
216 100  
214 79.1 62.4 93.6  
179 21.2 16.8 25.2  
108 18.9 15.0 22.4







#37

Hexachlorocyclopentadiene

Concen: 90.72 ng/ul

RT: 12.46 min Scan# 1678

Delta R.T. 0.00 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampled :

SSTD08063

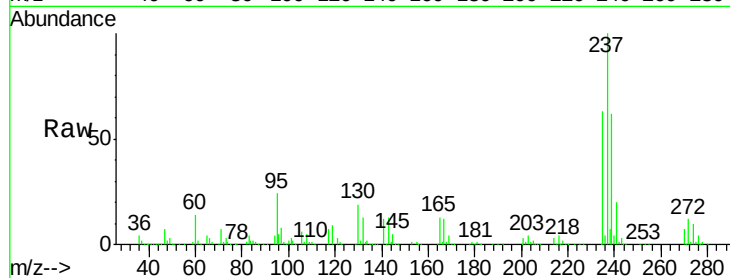
Tgt Ion:237 Resp: 669449

Ion Ratio Lower Upper

237 100

235 63.2 49.2 73.8

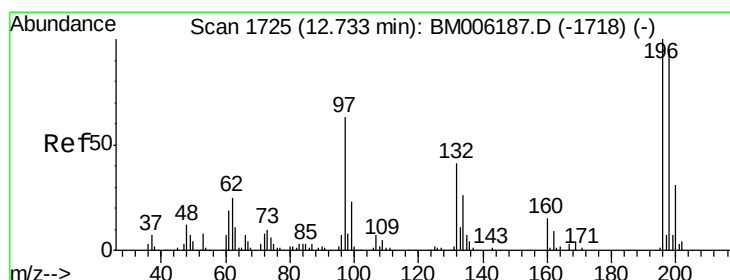
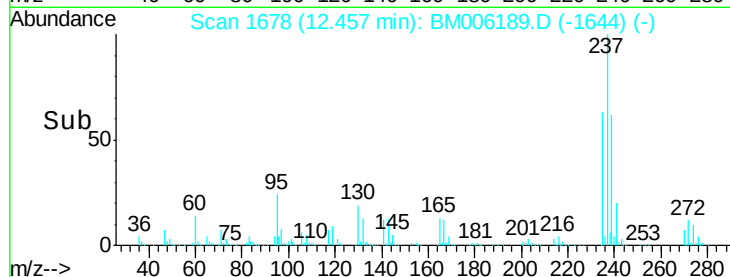
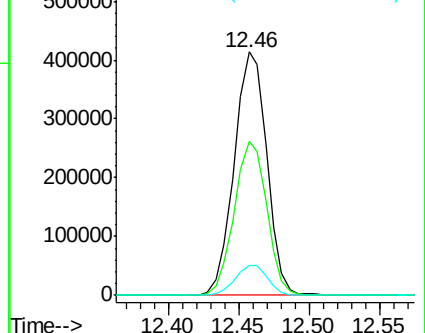
272 12.2 10.6 15.8



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



#38

2,4,6-Trichlorophenol

Concen: 81.98 ng/ul

RT: 12.73 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

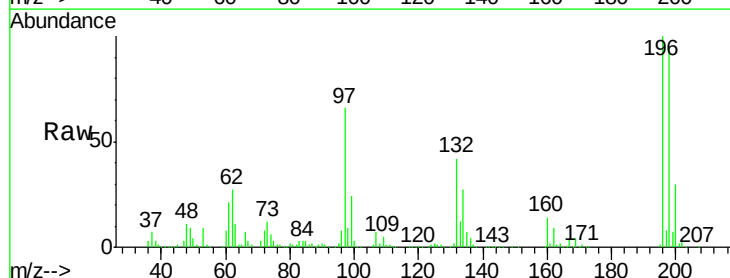
Tgt Ion:196 Resp: 752744

Ion Ratio Lower Upper

196 100

198 95.2 75.9 113.9

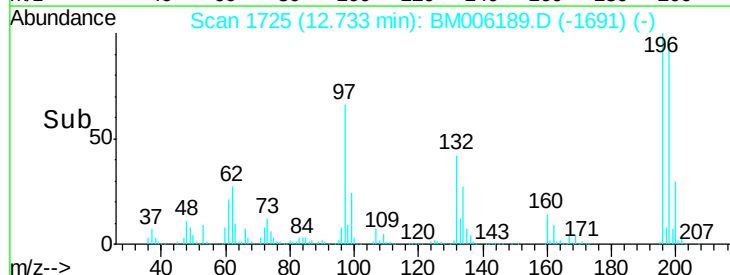
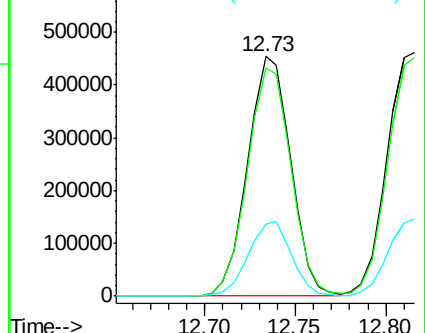
200 30.3 24.8 37.2

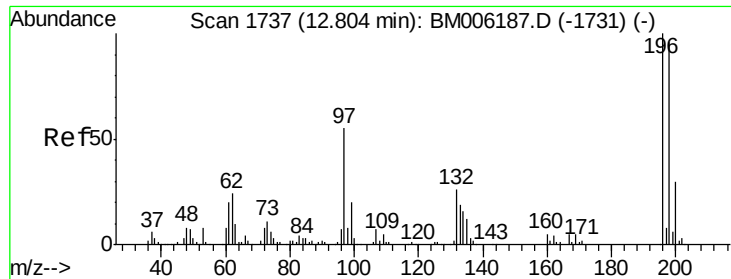


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

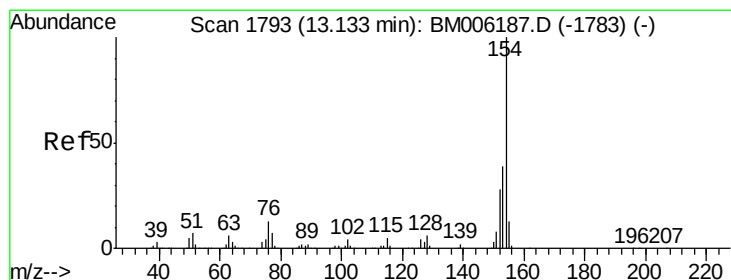
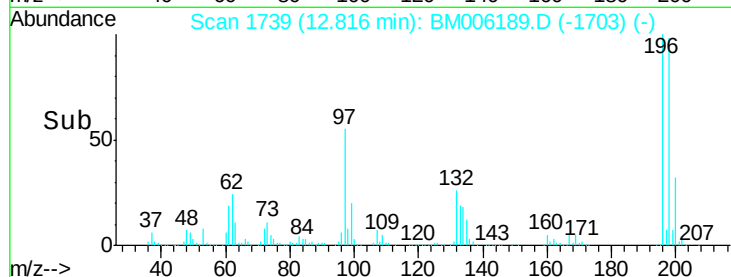
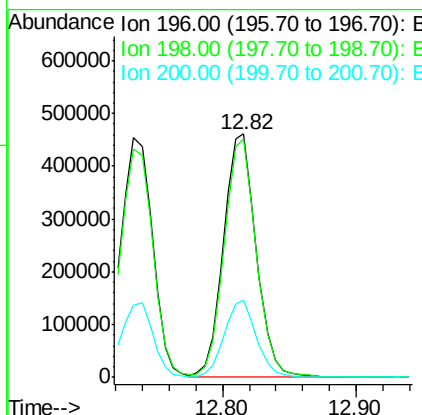
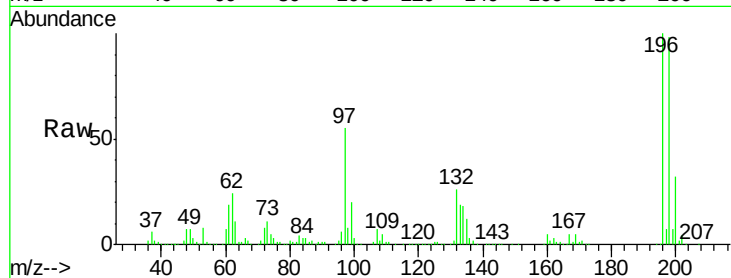




#39  
 2,4,5-Trichlorophenol  
 Concen: 78.67 ng/ul  
 RT: 12.82 min Scan# 1739  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

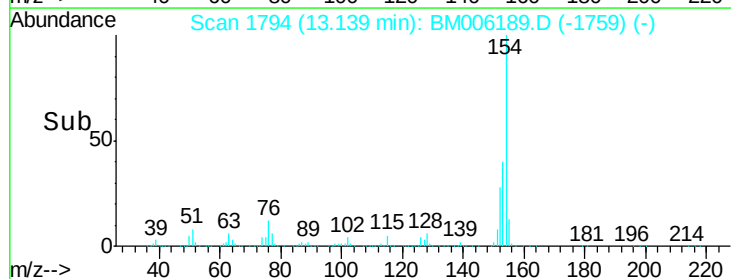
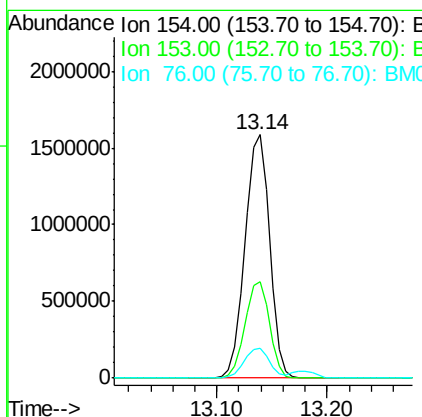
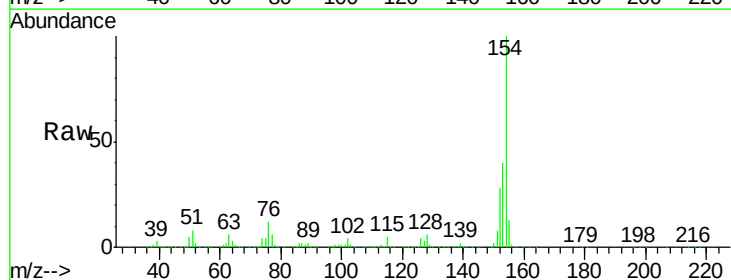
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08063

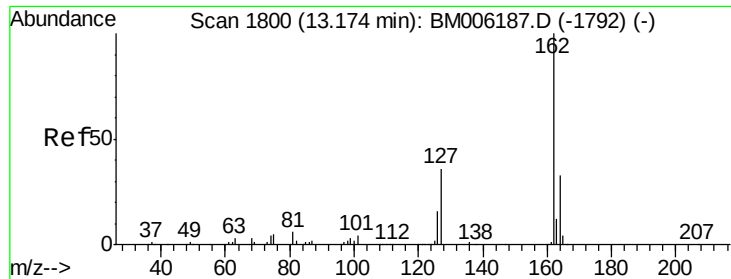
Tgt Ion:196 Resp: 787158  
 Ion Ratio Lower Upper  
 196 100  
 198 98.1 76.3 114.5  
 200 31.8 23.8 35.8



#40  
 1,1'-Biphenyl  
 Concen: 72.34 ng/ul  
 RT: 13.14 min Scan# 1794  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

Tgt Ion:154 Resp: 2492615  
 Ion Ratio Lower Upper  
 154 100  
 153 39.6 31.4 47.2  
 76 12.0 10.4 15.6

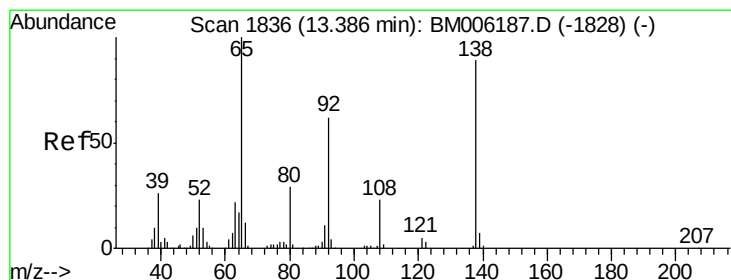
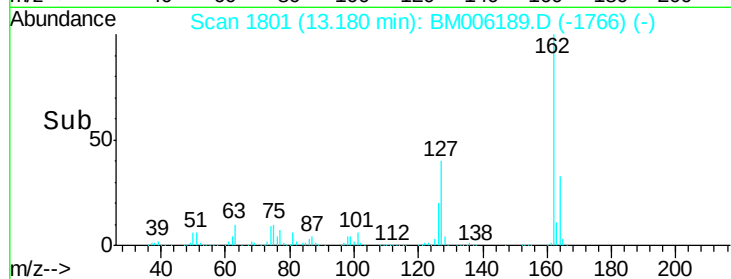
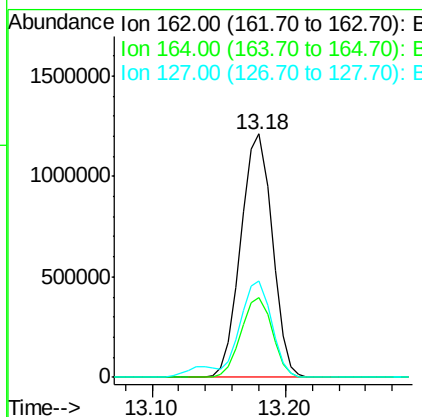
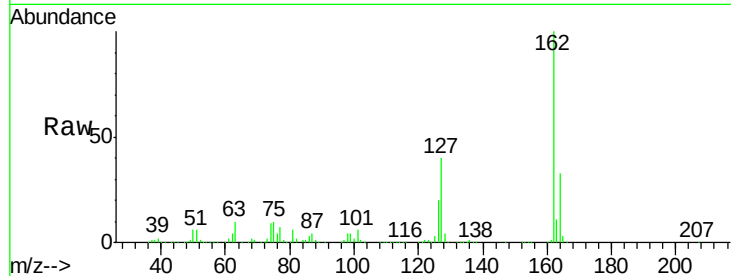




#41  
2-Chloronaphthalene  
Concen: 74.62 ng/ul  
RT: 13.18 min Scan# 1801  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

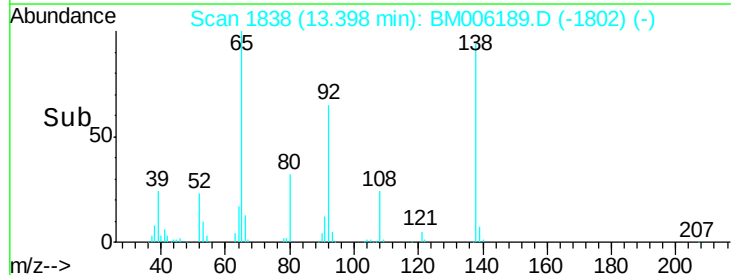
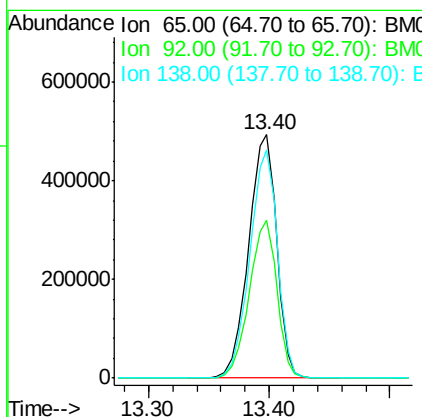
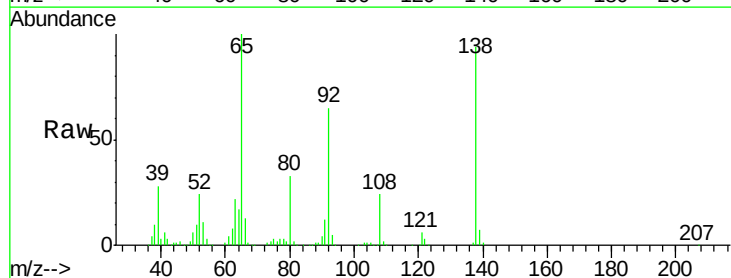
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

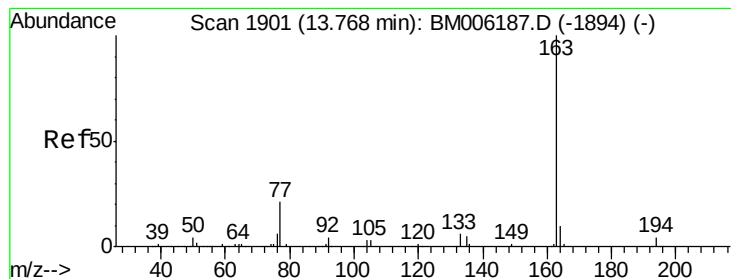
Tgt Ion: 162 Resp: 1979539  
Ion Ratio Lower Upper  
162 100  
164 32.9 26.3 39.5  
127 39.9 32.1 48.1



#42  
2-Nitroaniline  
Concen: 91.44 ng/ul  
RT: 13.40 min Scan# 1838  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion: 65 Resp: 804288  
Ion Ratio Lower Upper  
65 100  
92 64.6 49.2 73.8  
138 93.9 71.5 107.3





#44

Dimethylphthalate

Concen: 71.98 ng/ul

RT: 13.77 min Scan# 1902

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

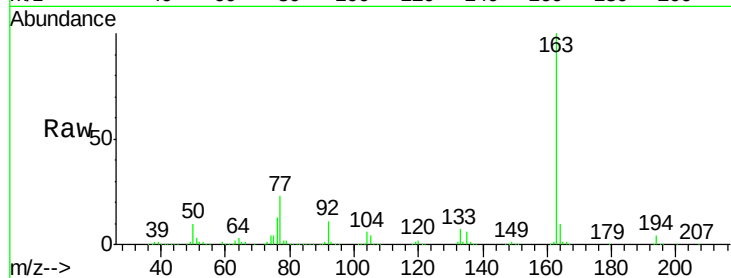
Tgt Ion:163 Resp: 2571291

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

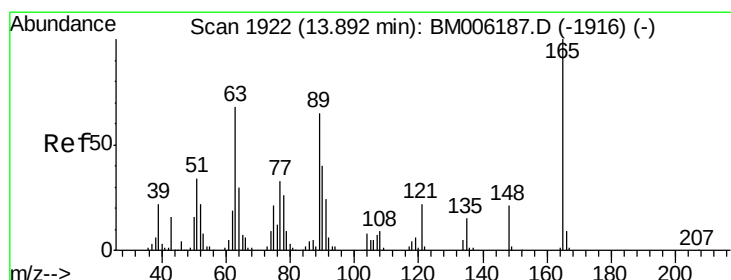
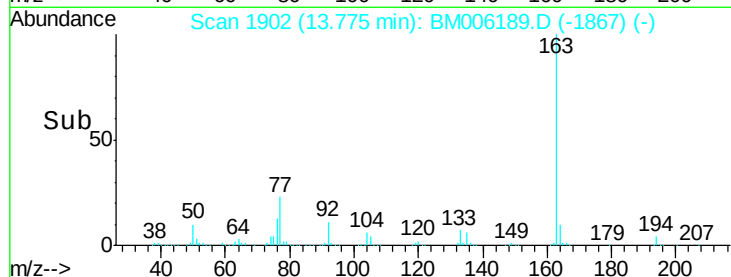
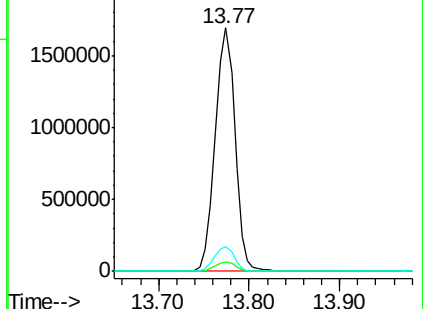
164 10.3 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 83.76 ng/ul

RT: 13.90 min Scan# 1924

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

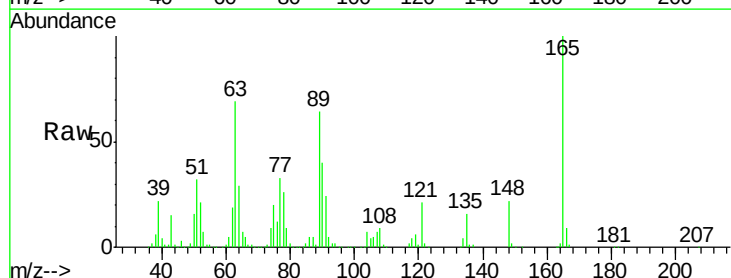
Tgt Ion:165 Resp: 593222

Ion Ratio Lower Upper

165 100

89 64.3 52.1 78.1

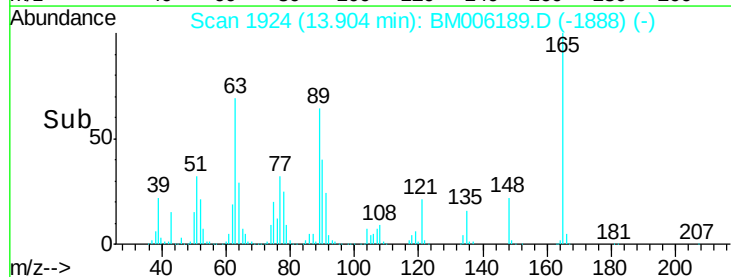
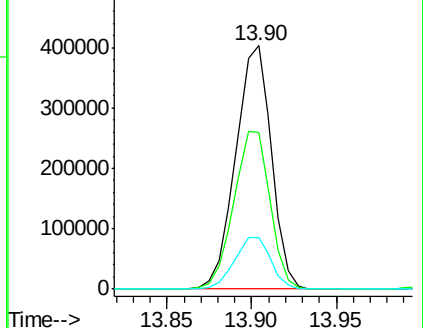
121 21.3 17.3 25.9

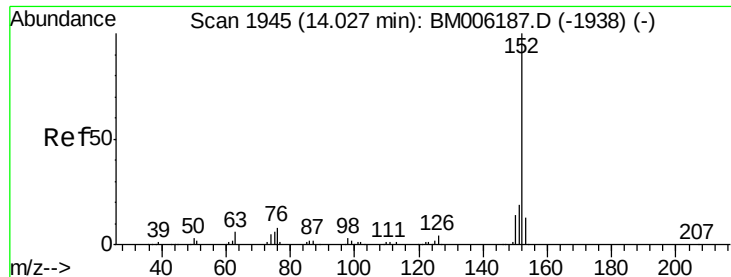


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 75.22 ng/ul

RT: 14.03 min Scan# 1946

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

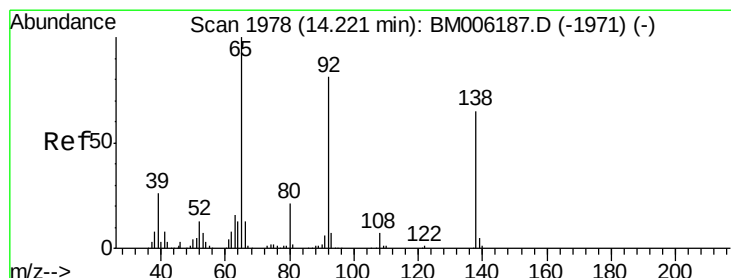
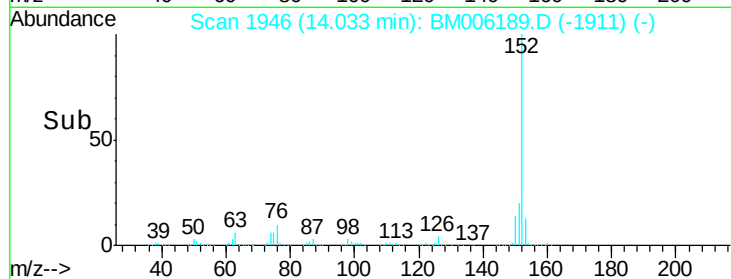
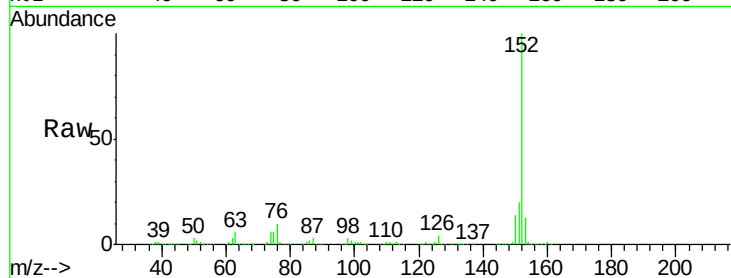
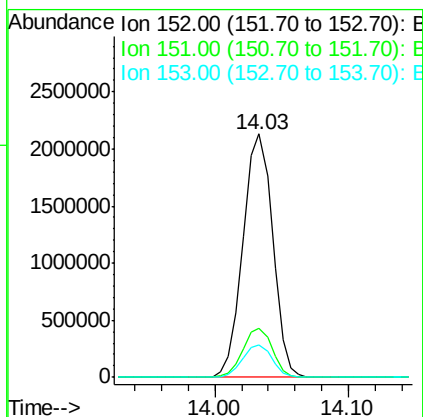
BNA\_M

ClientSampleId :

SSTD08063

Tgt Ion:152 Resp: 3276782

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.0  | 15.6  | 23.4  |
| 153 | 13.3  | 10.3  | 15.5  |



#48

3-Nitroaniline

Concen: 75.05 ng/ul

RT: 14.23 min Scan# 1979

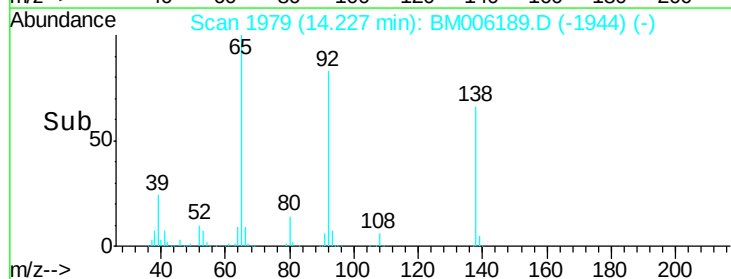
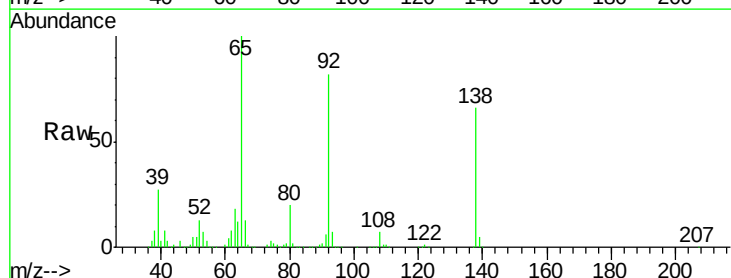
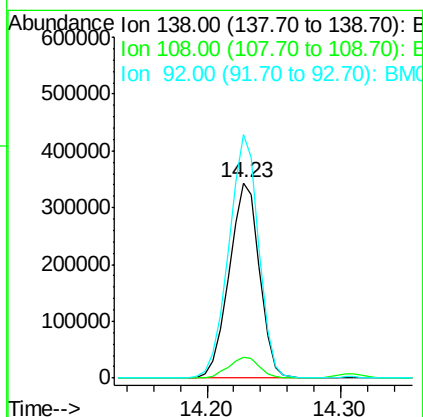
Delta R.T. 0.01 min

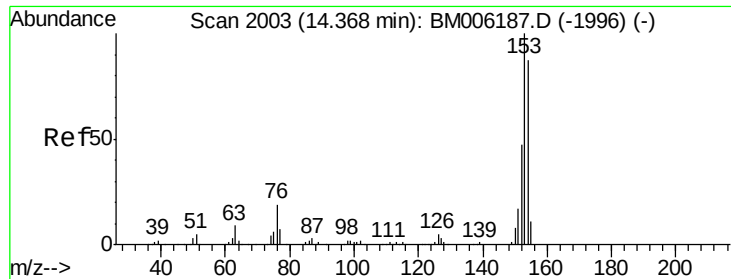
Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Tgt Ion:138 Resp: 545236

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 10.8  | 9.0   | 13.4  |
| 92  | 124.6 | 99.5  | 149.3 |





#49

Acenaphthene

Concen: 70.53 ng/ul

RT: 14.37 min Scan# 2004

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

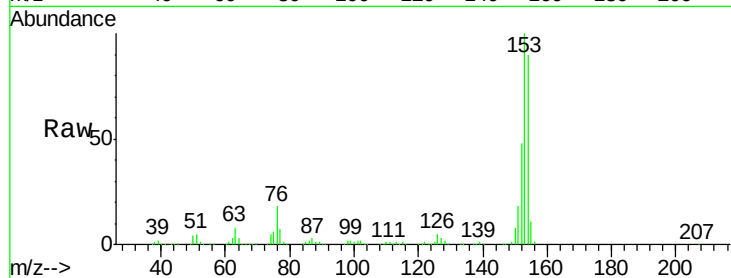
Tgt Ion:153 Resp: 2065533

Ion Ratio Lower Upper

153 100

152 47.6 37.7 56.5

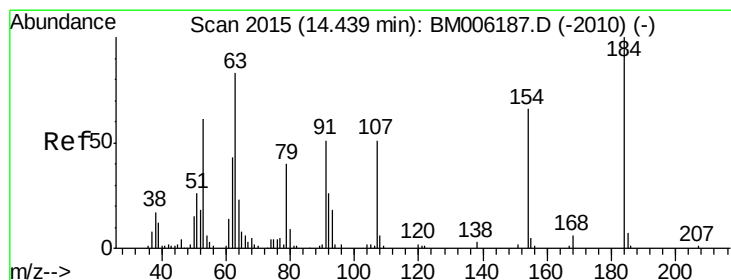
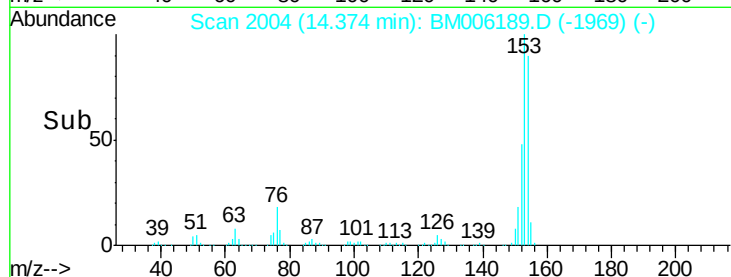
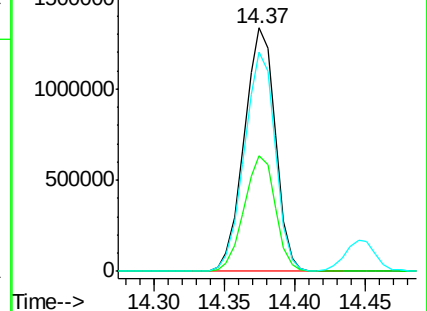
154 90.0 70.0 105.0



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



#50

2,4-Dinitrophenol

Concen: 91.95 ng/ul

RT: 14.45 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

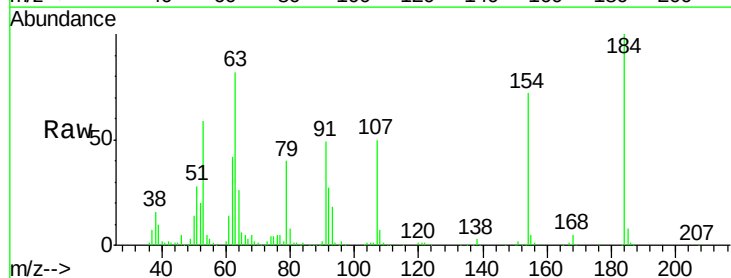
Tgt Ion:184 Resp: 377608

Ion Ratio Lower Upper

184 100

63 81.6 66.3 99.5

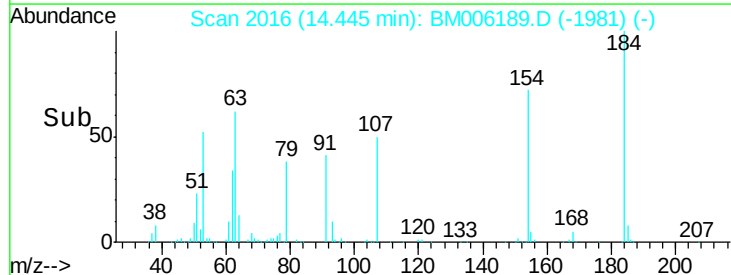
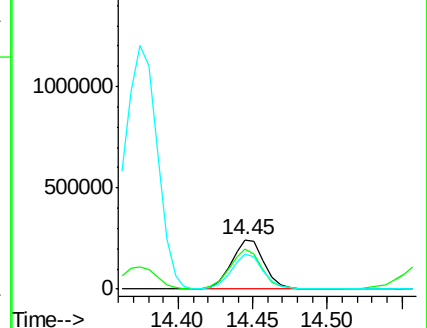
154 71.7 55.2 82.8

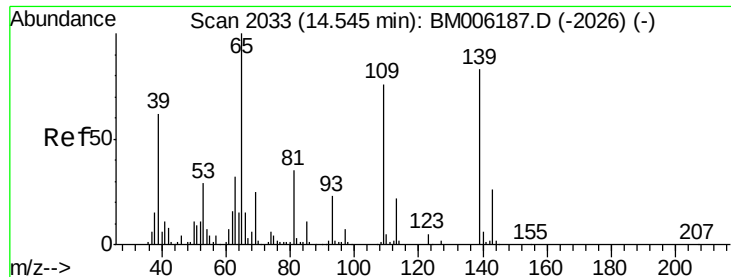


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

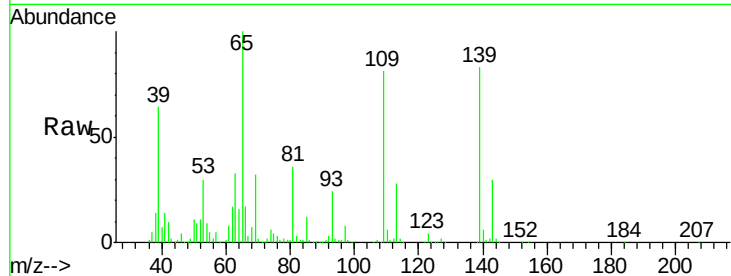




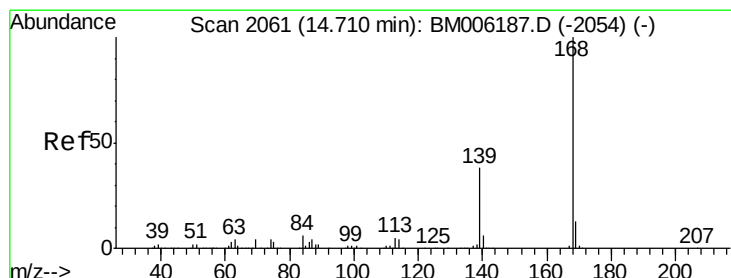
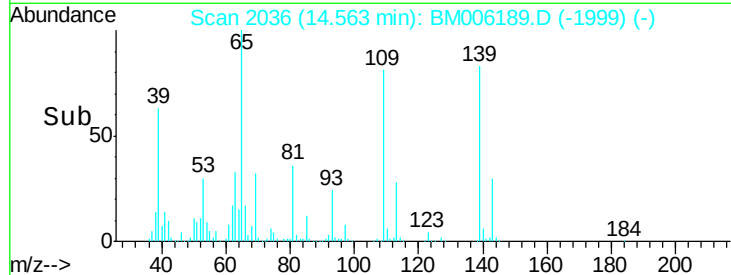
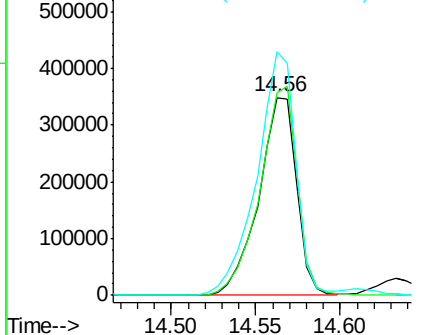
#52  
4-Nitrophenol  
Concen: 83.01 ng/ul  
RT: 14.56 min Scan# 2036  
Delta R.T. 0.02 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

Tgt Ion:109 Resp: 541909  
Ion Ratio Lower Upper  
109 100  
139 102.4 87.8 131.8  
65 123.1 105.7 158.5

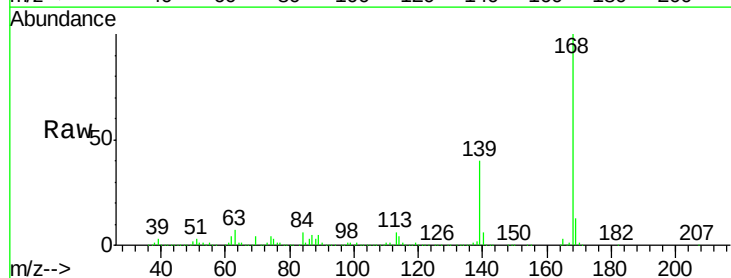


Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM

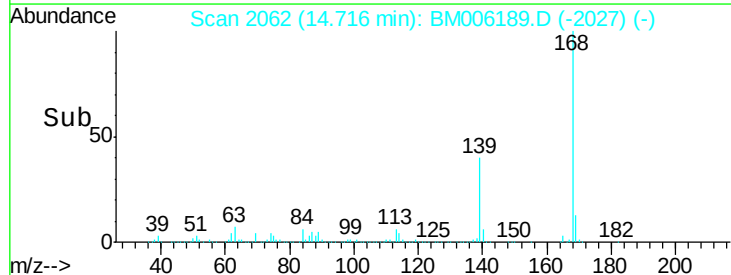
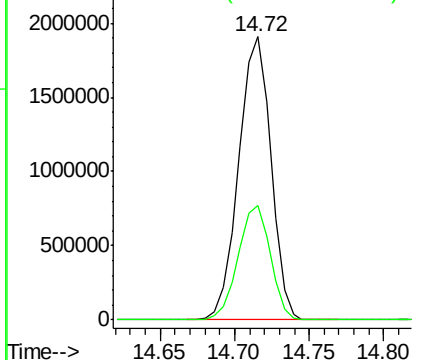


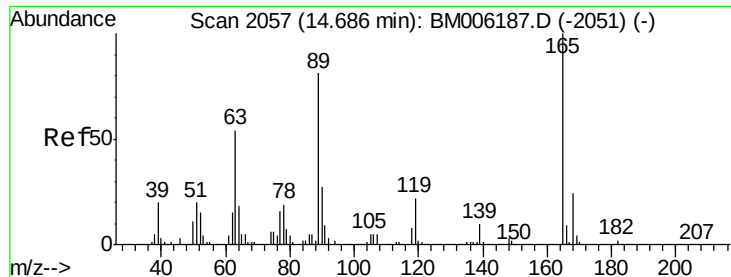
#53  
Dibenzofuran  
Concen: 66.91 ng/ul  
RT: 14.72 min Scan# 2062  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion:168 Resp: 2858956  
Ion Ratio Lower Upper  
168 100  
139 40.4 30.6 46.0



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E

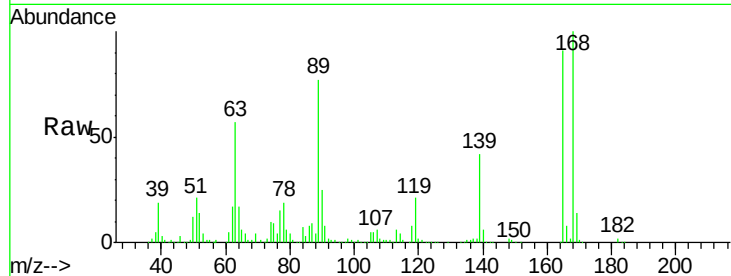




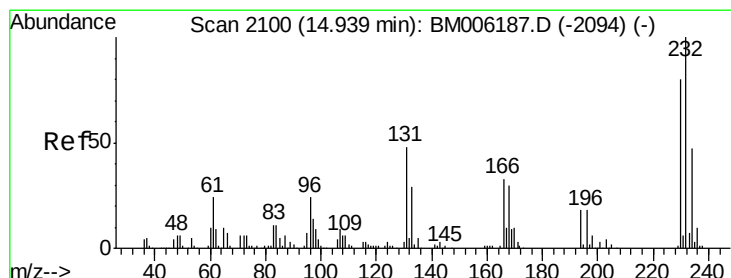
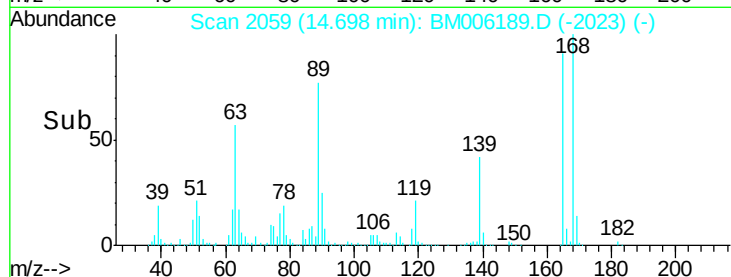
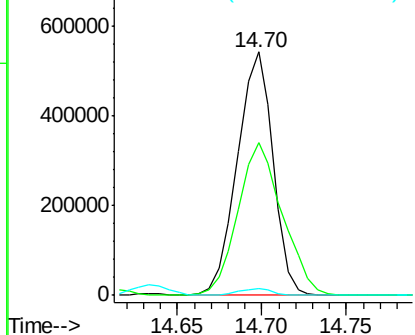
#54  
 2,4-Dinitrotoluene  
 Concen: 75.72 ng/ul  
 RT: 14.70 min Scan# 2059  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08063

Tgt Ion:165 Resp: 799248  
 Ion Ratio Lower Upper  
 165 100  
 63 62.8 43.7 65.5  
 182 2.6 2.1 3.1

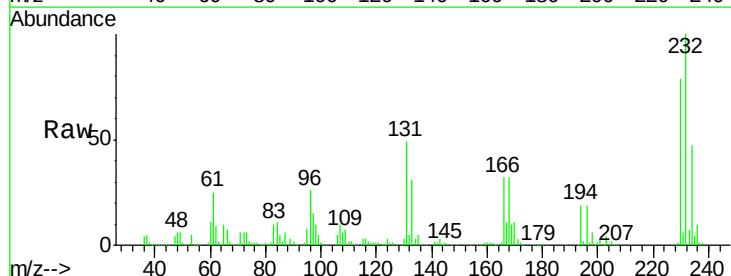


Abundance Ion 165.00 (164.70 to 165.70): E  
 Ion 63.00 (62.70 to 63.70): BM006187.D (-2051) (-)  
 Ion 182.00 (181.70 to 182.70): E

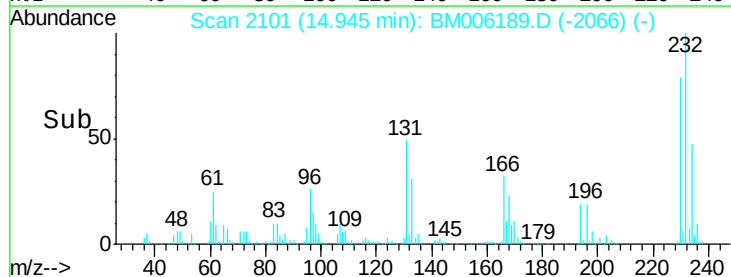
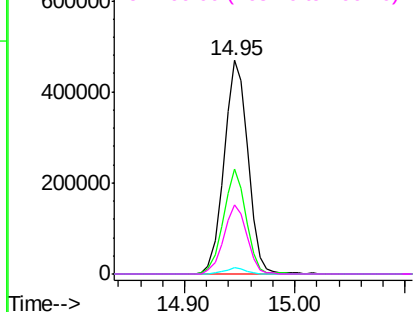


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 75.46 ng/ul  
 RT: 14.95 min Scan# 2101  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

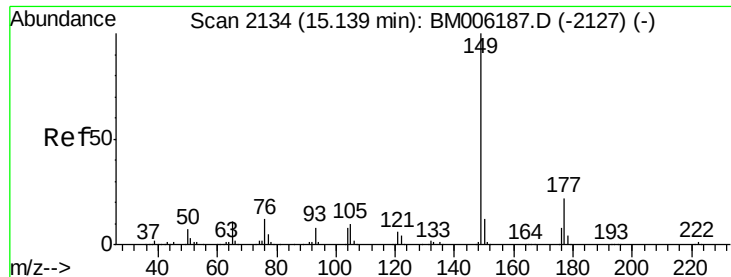
Tgt Ion:232 Resp: 706035  
 Ion Ratio Lower Upper  
 232 100  
 131 49.0 38.2 57.2  
 130 2.8 2.1 3.1  
 166 32.4 26.1 39.1



Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E







#56

Diethylphthalate

Concen: 71.14 ng/ul

RT: 15.15 min Scan# 2135

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

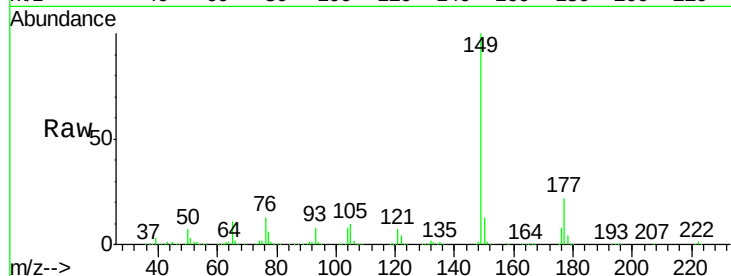
Tgt Ion:149 Resp: 2684588

Ion Ratio Lower Upper

149 100

177 22.3 17.7 26.5

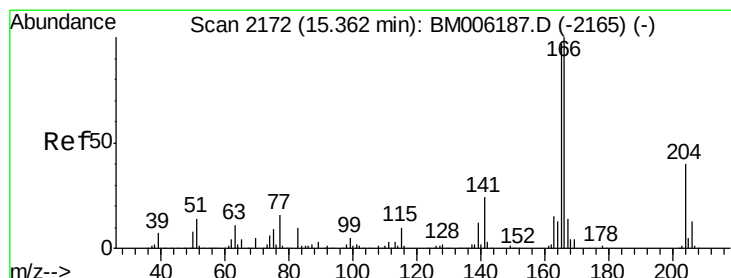
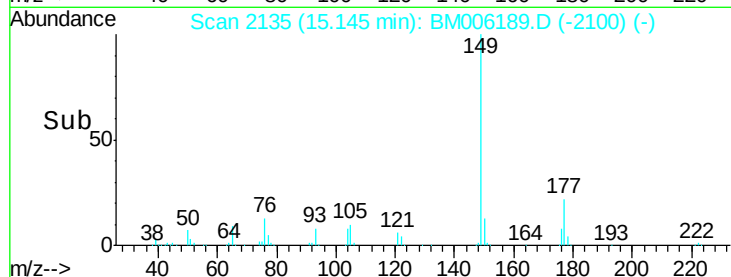
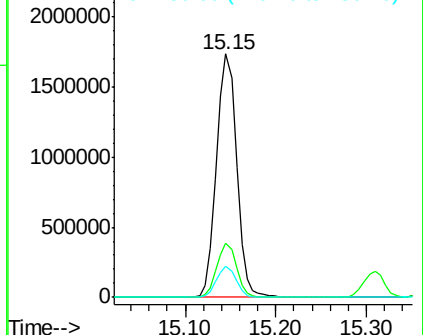
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 61.18 ng/ul

RT: 15.37 min Scan# 2173

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

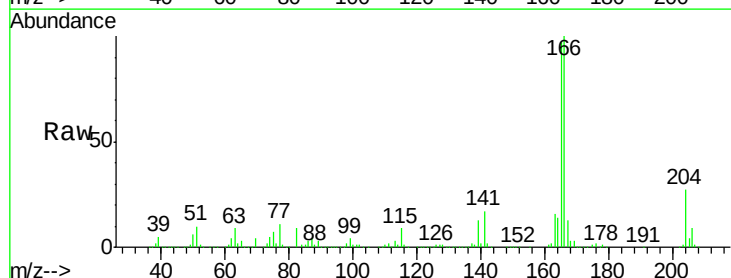
Tgt Ion:166 Resp: 2143358

Ion Ratio Lower Upper

166 100

165 97.0 77.5 116.3

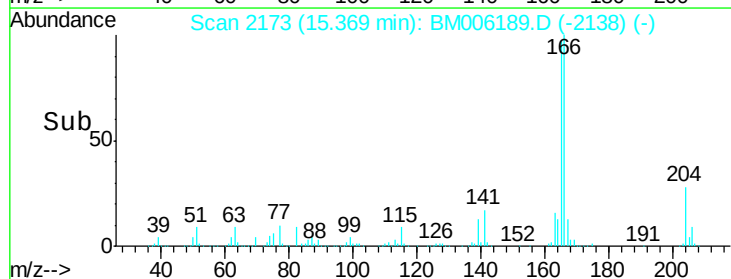
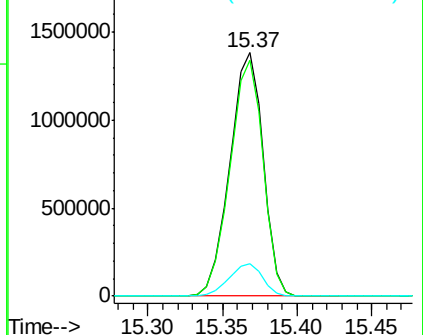
167 13.3 10.8 16.2

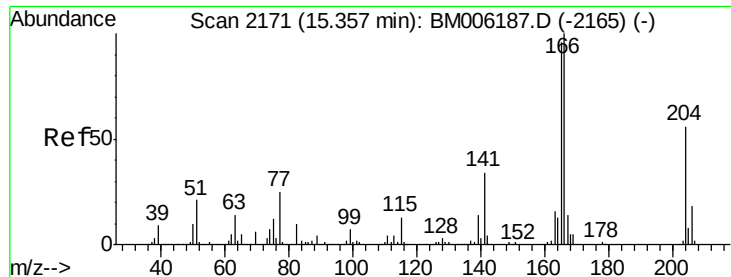


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

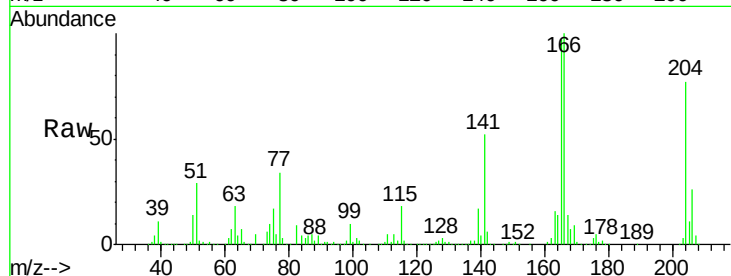




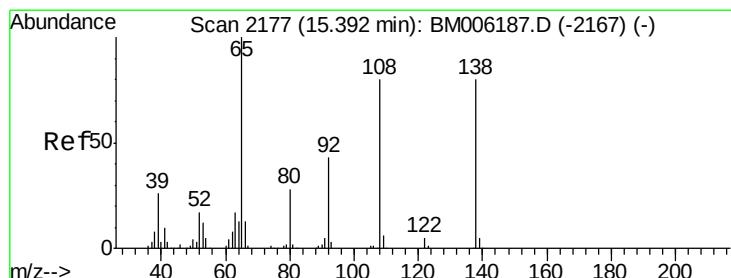
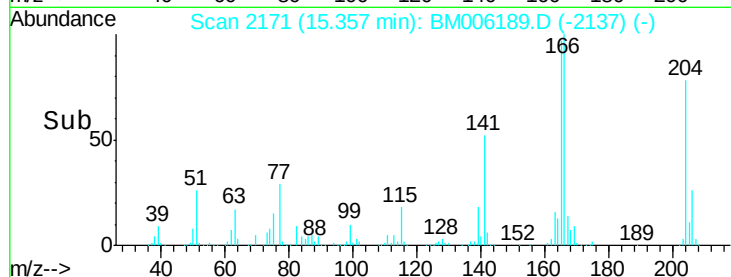
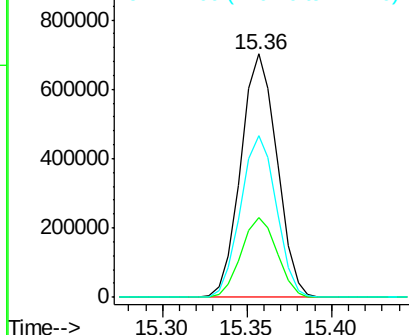
#59  
 4-Chlorophenyl-phenylether  
 Concen: 61.93 ng/ul  
 RT: 15.36 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08063

Tgt Ion:204 Resp: 1046724  
 Ion Ratio Lower Upper  
 204 100  
 206 32.9 25.6 38.4  
 141 66.5 49.2 73.8

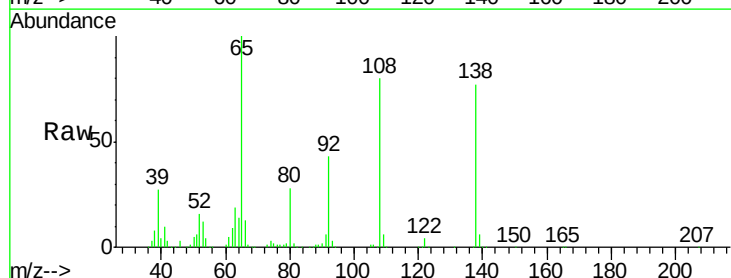


Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E

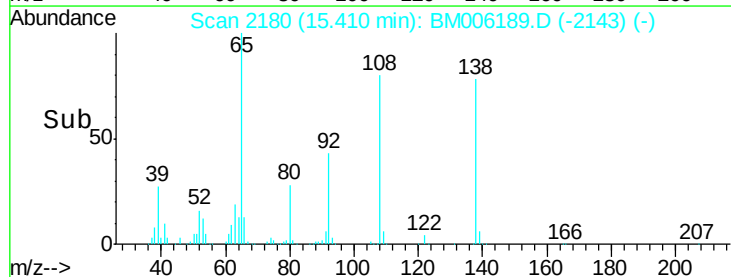
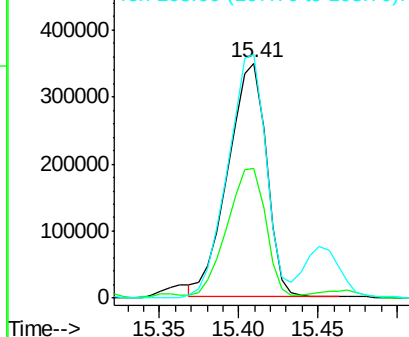


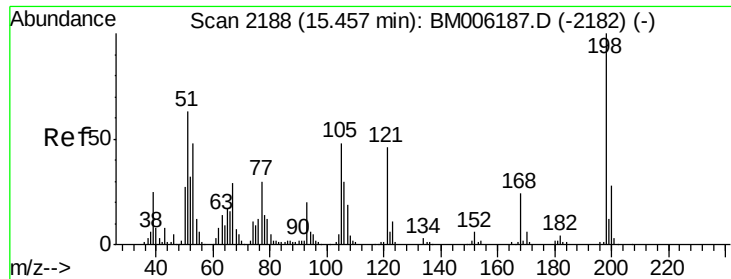
#60  
 4-Nitroaniline  
 Concen: 67.37 ng/ul  
 RT: 15.41 min Scan# 2180  
 Delta R.T. 0.02 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

Tgt Ion:138 Resp: 585924  
 Ion Ratio Lower Upper  
 138 100  
 92 55.3 43.4 65.0  
 108 103.7 79.9 119.9



Abundance Ion 138.00 (137.70 to 138.70): E  
 Ion 92.00 (91.70 to 92.70): BM0  
 Ion 108.00 (107.70 to 108.70): E

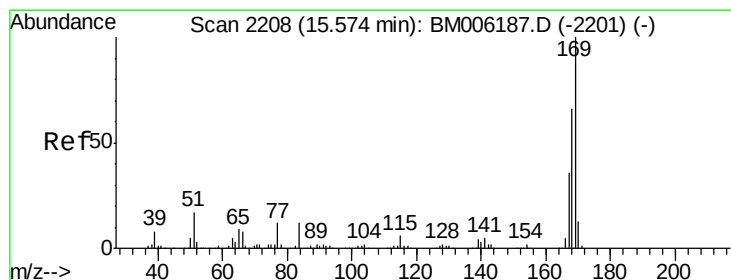
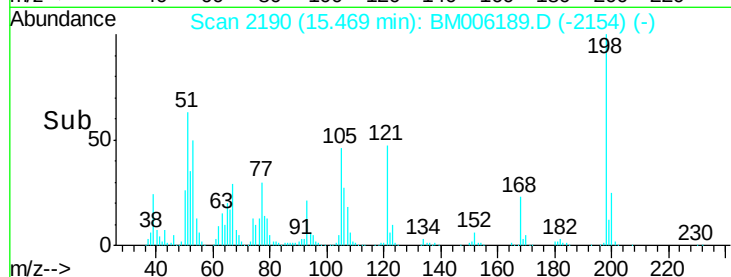
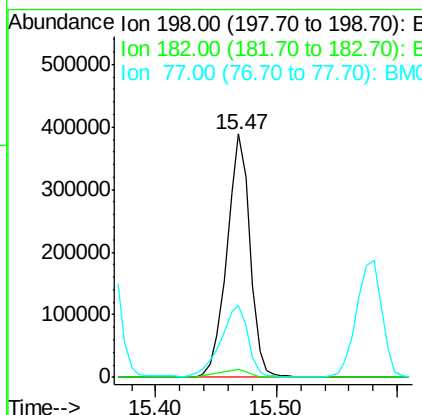
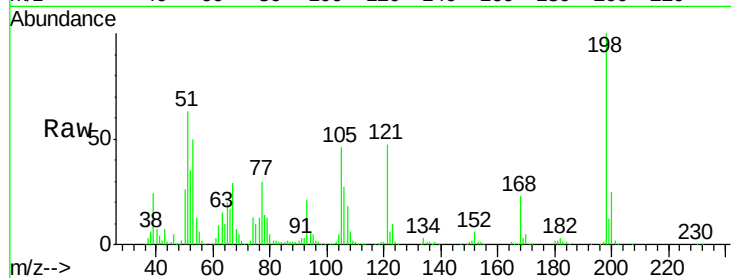




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 86.62 ng/ul  
 RT: 15.47 min Scan# 2190  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

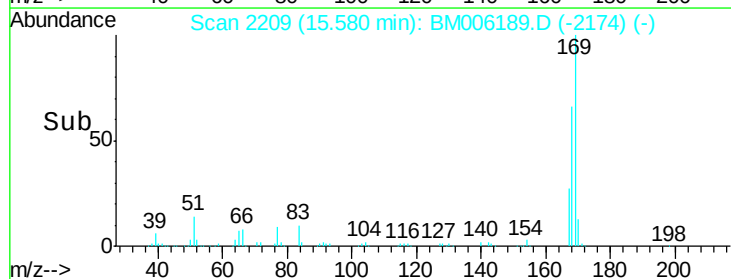
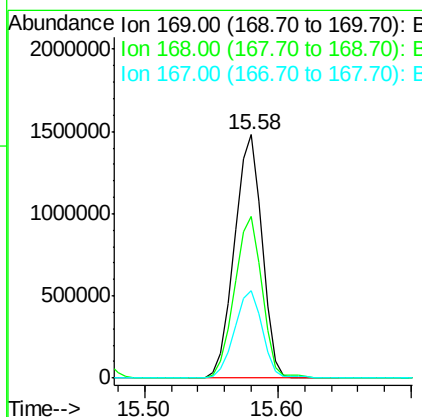
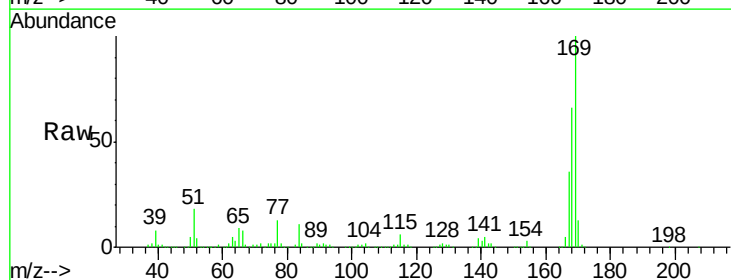
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST08063

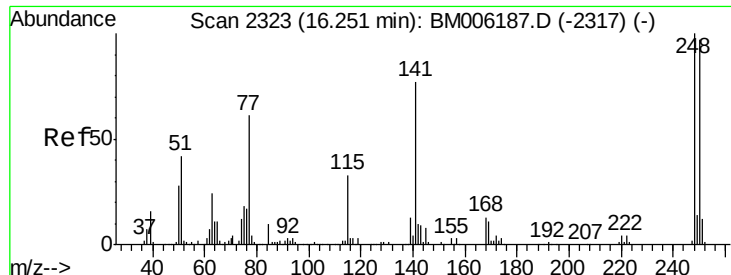
Tgt Ion:198 Resp: 517894  
 Ion Ratio Lower Upper  
 198 100  
 182 3.3 3.0 4.6  
 77 29.8 24.2 36.2



#64  
 N-Nitrosodiphenylamine  
 Concen: 73.32 ng/ul  
 RT: 15.58 min Scan# 2209  
 Delta R.T. 0.01 min  
 Lab File: BM006189.D  
 Acq: 01 Jul 2016 21:37

Tgt Ion:169 Resp: 2121856  
 Ion Ratio Lower Upper  
 169 100  
 168 66.2 52.9 79.3  
 167 36.0 28.7 43.1

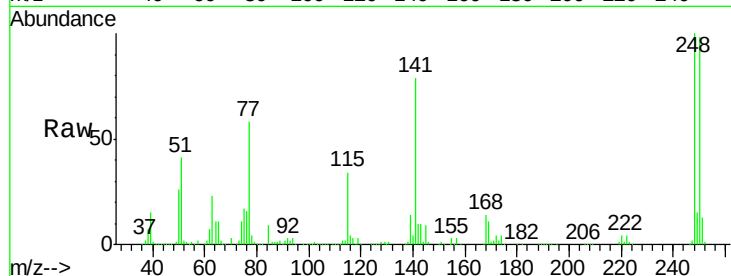




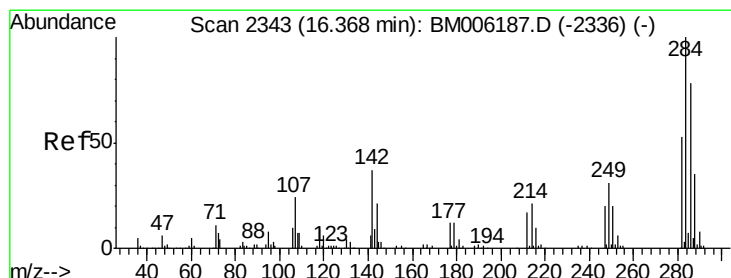
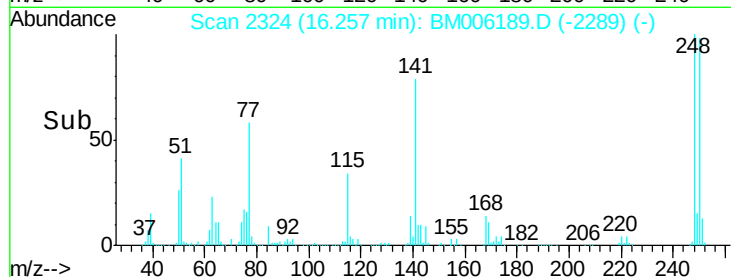
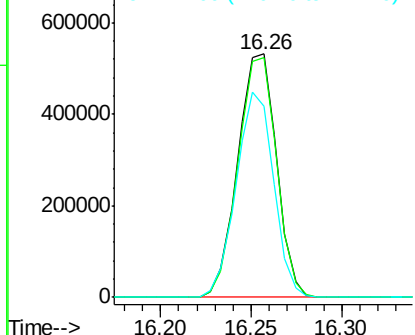
#65  
4-Bromophenyl-phenylether  
Concen: 76.11 ng/ul  
RT: 16.26 min Scan# 2324  
Delta R.T. 0.01 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08063

Tgt Ion:248 Resp: 793209  
Ion Ratio Lower Upper  
248 100  
250 98.4 77.4 116.2  
141 78.6 61.4 92.2

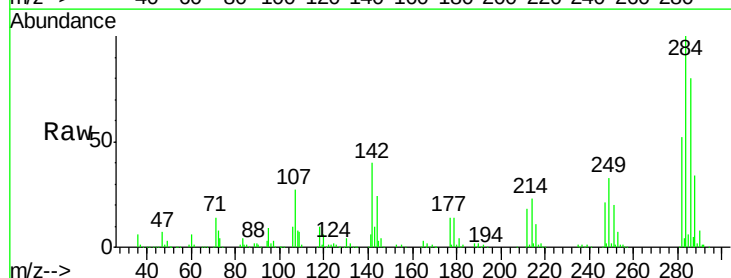


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

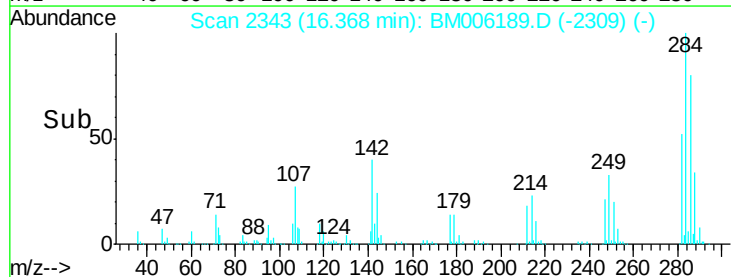
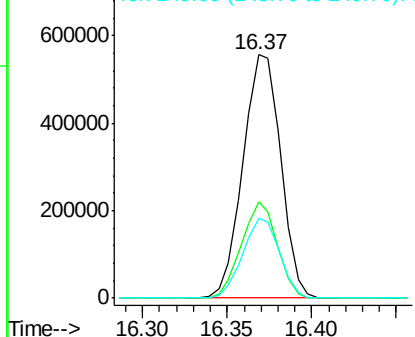


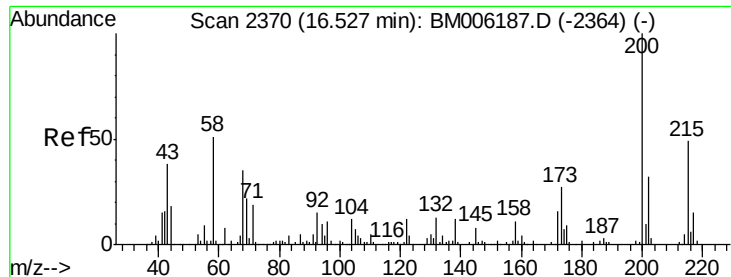
#66  
Hexachlorobenzene  
Concen: 72.13 ng/ul  
RT: 16.37 min Scan# 2343  
Delta R.T. 0.00 min  
Lab File: BM006189.D  
Acq: 01 Jul 2016 21:37

Tgt Ion:284 Resp: 866276  
Ion Ratio Lower Upper  
284 100  
142 39.7 29.7 44.5  
249 32.9 24.7 37.1



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





#67

Atrazine

Concen: 82.93 ng/ul

RT: 16.54 min Scan# 2372

Delta R.T. 0.01 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

Instrument :

BNA\_M

ClientSampleId :

SSTD08063

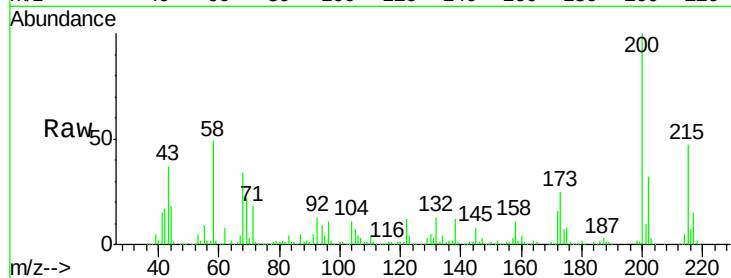
Tgt Ion:200 Resp: 862491

Ion Ratio Lower Upper

200 100

173 25.4 21.4 32.0

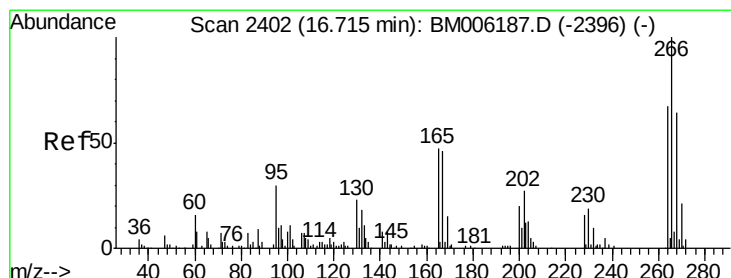
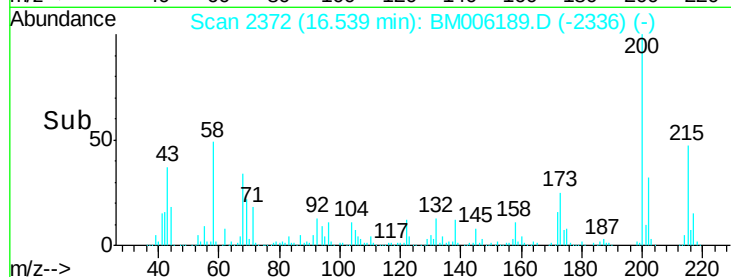
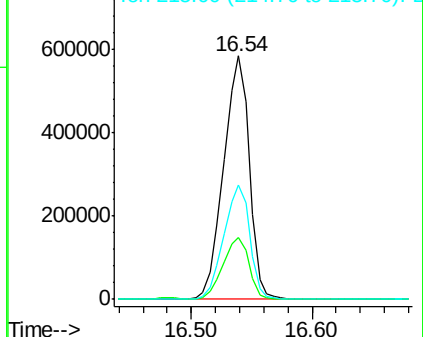
215 47.2 39.2 58.8



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



#68

Pentachlorophenol

Concen: 75.87 ng/ul

RT: 16.72 min Scan# 2402

Delta R.T. 0.00 min

Lab File: BM006189.D

Acq: 01 Jul 2016 21:37

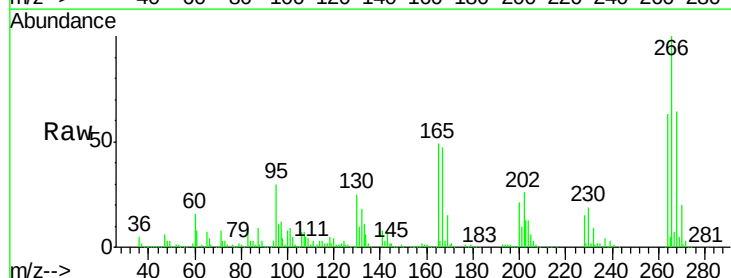
Tgt Ion:266 Resp: 562085

Ion Ratio Lower Upper

266 100

264 63.1 53.7 80.5

268 63.9 51.4 77.0



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

