

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM080416\  
 Data File : BM006880.D  
 Acq On : 05 Aug 2016 01:09  
 Operator : UM/SJ  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

Quant Time: Aug 05 02:21:31 2016  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM080316.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Aug 05 02:18:21 2016  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.56  | 152  | 273937   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 1126660  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.22 | 164  | 717083   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 1695465  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.18 | 240  | 1886560  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.37 | 264  | 1668819  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 39695   | 7.97  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.79  | 99  | 419186  | 20.79 | ng/ul | -0.01 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.91  | 67  | 281619  | 20.91 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.11  | 132 | 346664  | 21.76 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.31  | 113 | 340733  | 20.78 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 8.73  | 128 | 160845  | 20.88 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.44  | 143 | 188518  | 20.55 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.99  | 165 | 368953  | 19.46 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.50 | 131 | 420913  | 21.49 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 13.64 | 166 | 1215873 | 20.58 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.91 | 160 | 1454762 | 20.17 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.54 | 143 | 123920  | 9.57  | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.22 | 176 | 1058606 | 19.31 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.38 | 200 | 184844  | 16.70 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.07 | 188 | 1650964 | 20.28 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.38 | 212 | 1862723 | 19.30 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.23 | 264 | 1603315 | 19.73 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |       |        | Qvalue |
|--------------------------------|-------|-----|---------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.13  | 88  | 45615   | 8.23  | ng/uL# | 87     |
| 4) Benzaldehyde                | 6.73  | 77  | 298331  | 22.01 | ng/ul  | 96     |
| 6) Phenol                      | 6.81  | 94  | 439692  | 20.59 | ng/ul  | 94     |
| 8) Bis(2-Chloroethyl)ether     | 7.00  | 93  | 327331  | 21.46 | ng/ul  | 92     |
| 10) 2-Chlorophenol             | 7.15  | 128 | 337875  | 21.05 | ng/ul  | 92     |
| 11) 2-Methylphenol             | 8.04  | 108 | 334738  | 20.24 | ng/ul  | 96     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.10  | 45  | 674788  | 20.04 | ng/ul  | 97     |
| 14) Acetophenone               | 8.39  | 105 | 590940  | 20.29 | ng/ul# | 91     |
| 15) N-Nitroso-di-n-propylamine | 8.37  | 70  | 309556  | 21.48 | ng/ul# | 97     |
| 16) 4-Methylphenol             | 8.37  | 108 | 358767  | 19.91 | ng/ul  | 89     |
| 17) Hexachloroethane           | 8.62  | 117 | 171990  | 20.56 | ng/ul  | 83     |
| 20) Nitrobenzene               | 8.77  | 77  | 485332  | 19.98 | ng/ul  | 97     |
| 21) Isophorone                 | 9.29  | 82  | 822241  | 21.41 | ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.48  | 139 | 203741  | 21.25 | ng/ul  | 94     |
| 24) 2,4-Dimethylphenol         | 9.56  | 107 | 492185  | 20.75 | ng/ul  | 92     |
| 25) Bis(2-Chloroethoxy)methane | 9.77  | 93  | 447883  | 21.51 | ng/ul  | 99     |
| 27) 2,4-Dichlorophenol         | 10.02 | 162 | 363677  | 20.16 | ng/ul# | 87     |
| 28) Naphthalene                | 10.39 | 128 | 1145611 | 20.47 | ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.53 | 127 | 427345  | 21.62 | ng/ul  | 94     |
| 31) Hexachlorobutadiene        | 10.66 | 225 | 308353  | 18.16 | ng/ul  | 94     |
| 32) Caprolactam                | 11.33 | 113 | 24016   | 4.71  | ng/ul  | 93     |
| 33) 4-Chloro-3-methylphenol    | 11.69 | 107 | 418919  | 20.91 | ng/ul  | 96     |
| 34) 2-Methylnaphthalene        | 12.01 | 142 | 895412  | 19.85 | ng/ul  | 99     |

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 Quant Title : SVOA CALIBRATION  
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 Response via : Initial Calibration

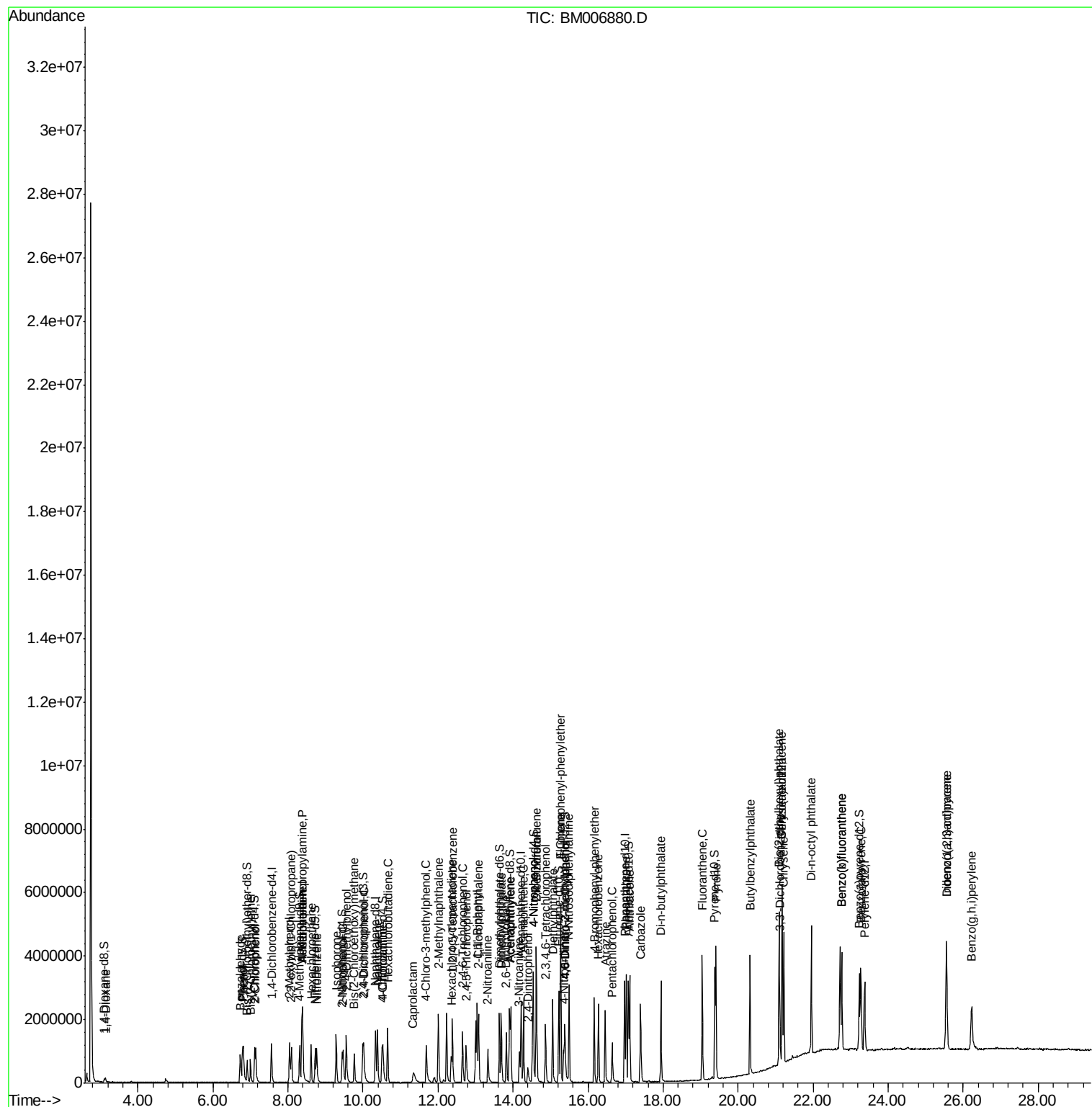
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.39 | 216  | 542864   | 19.20 | ng/ul  | 94       |
| 37) Hexachlorocyclopentadiene  | 12.35 | 237  | 240971   | 15.36 | ng/ul# | 95       |
| 38) 2,4,6-Trichlorophenol      | 12.66 | 196  | 345314   | 19.97 | ng/ul  | 96       |
| 39) 2,4,5-Trichlorophenol      | 12.75 | 196  | 343149   | 20.63 | ng/ul  | 87       |
| 40) 1,1'-Biphenyl              | 13.04 | 154  | 1190752  | 20.36 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.09 | 162  | 925224   | 20.17 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.33 | 65   | 354219   | 21.09 | ng/ul  | 97       |
| 44) Dimethylphthalate          | 13.69 | 163  | 1196379  | 20.38 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.82 | 165  | 233430   | 20.46 | ng/ul  | 96       |
| 47) Acenaphthylene             | 13.94 | 152  | 1515850  | 20.74 | ng/ul  | 96       |
| 48) 3-Nitroaniline             | 14.17 | 138  | 211284   | 21.88 | ng/ul# | 75       |
| 49) Acenaphthene               | 14.28 | 153  | 996287   | 20.86 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.39 | 184  | 108045   | 15.32 | ng/ul  | 91       |
| 52) 4-Nitrophenol              | 14.53 | 109  | 292157   | 16.75 | ng/ul  | 92       |
| 53) Dibenzofuran               | 14.62 | 168  | 1476935  | 19.95 | ng/ul  | 100      |
| 54) 2,4-Dinitrotoluene         | 14.63 | 165  | 356342   | 19.67 | ng/ul# | 92       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.87 | 232  | 321545   | 18.12 | ng/ul# | 89       |
| 56) Diethylphthalate           | 15.06 | 149  | 1252712  | 20.52 | ng/ul  | 96       |
| 58) Fluorene                   | 15.27 | 166  | 1208726  | 19.42 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204  | 643901   | 18.42 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.35 | 138  | 214953   | 21.33 | ng/ul# | 70       |
| 63) 4,6-Dinitro-2-methylphenol | 15.39 | 198  | 202683   | 17.72 | ng/ul  | 99       |
| 64) N-Nitrosodiphenylamine     | 15.49 | 169  | 1039086  | 21.40 | ng/ul  | 95       |
| 65) 4-Bromophenyl-phenylether  | 16.16 | 248  | 403788   | 19.41 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.28 | 284  | 447024   | 19.80 | ng/ul  | 92       |
| 67) Atrazine                   | 16.46 | 200  | 386647   | 18.61 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 16.64 | 266  | 210929   | 16.90 | ng/ul  | 94       |
| 69) Phenanthrene               | 17.02 | 178  | 1905805  | 20.38 | ng/ul  | 99       |
| 71) Anthracene                 | 17.11 | 178  | 1954619  | 20.25 | ng/ul  | 97       |
| 72) Carbazole                  | 17.40 | 167  | 1629760  | 19.82 | ng/ul  | 98       |
| 73) Di-n-butylphthalate        | 17.94 | 149  | 1978409  | 22.20 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.04 | 202  | 2315014  | 19.32 | ng/ul# | 96       |
| 77) Pyrene                     | 19.41 | 202  | 2396673  | 19.32 | ng/ul# | 97       |
| 78) Butylbenzylphthalate       | 20.32 | 149  | 903164   | 21.14 | ng/ul  | 95       |
| 79) 3,3'-Dichlorobenzidine     | 21.11 | 252  | 681216   | 19.69 | ng/ul  | 94       |
| 80) Benzo(a)anthracene         | 21.17 | 228  | 2264102  | 19.70 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.09 | 149  | 1250202  | 21.33 | ng/ul  | 99       |
| 82) Chrysene                   | 21.22 | 228  | 2019120  | 19.99 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 21.95 | 149  | 2020244  | 19.71 | ng/ul# | 93       |
| 85) Benzo(b)fluoranthene       | 22.76 | 252  | 2076052  | 19.74 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 22.76 | 252  | 2076052  | 20.23 | ng/ul  | 98       |
| 88) Benzo(a)pyrene             | 23.27 | 252  | 1996889  | 19.99 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.56 | 276  | 2316624  | 19.50 | ng/ul  | 97       |
| 90) Dibenzo(a,h)anthracene     | 25.56 | 278  | 1928262  | 18.83 | ng/ul# | 98       |
| 91) Benzo(g,h,i)perylene       | 26.23 | 276  | 1840744  | 19.15 | ng/ul# | 98       |

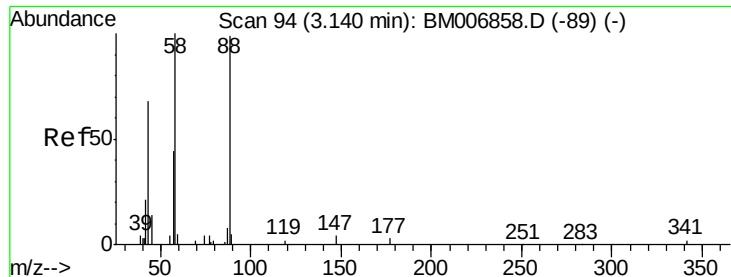
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 8.23 ng/uL

RT: 3.13 min Scan# 93

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

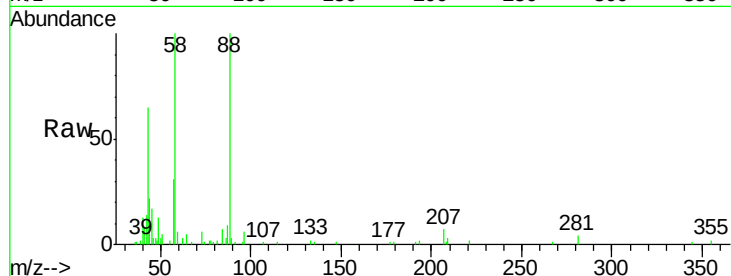
Tgt Ion: 88 Resp: 45615

Ion Ratio Lower Upper

88 100

43 69.1 69.2 103.8#

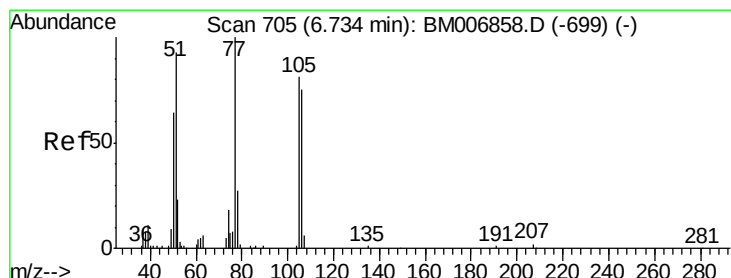
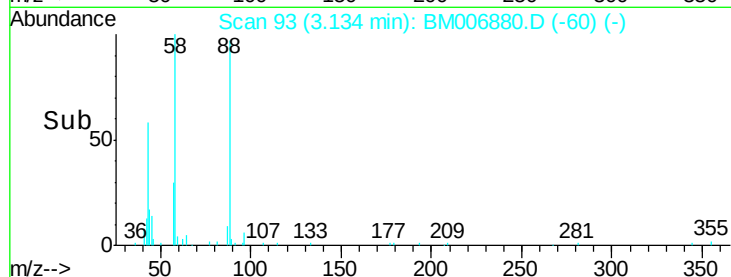
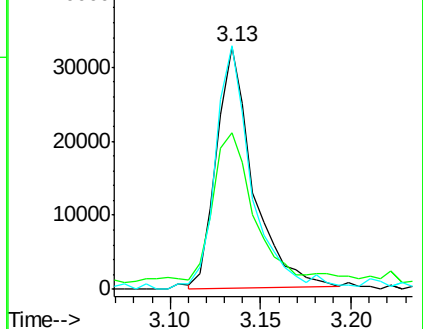
58 98.0 85.2 127.8



Abundance Ion 88.00 (87.70 to 88.70): BM006880.D (-60) (-)

Ion 43.00 (42.70 to 43.70): BM006880.D (-60) (-)

Ion 58.00 (57.70 to 58.70): BM006880.D (-60) (-)



#4

Benzaldehyde

Concen: 22.01 ng/uL

RT: 6.73 min Scan# 704

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

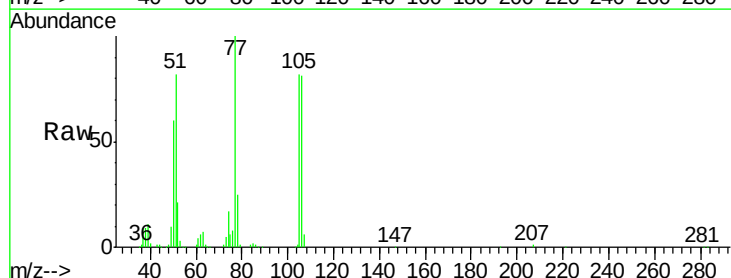
Tgt Ion: 77 Resp: 298331

Ion Ratio Lower Upper

77 100

105 82.4 67.7 101.5

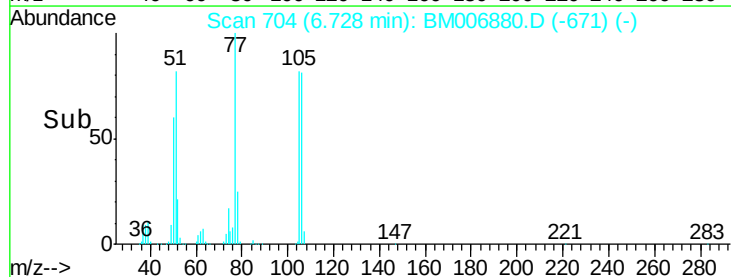
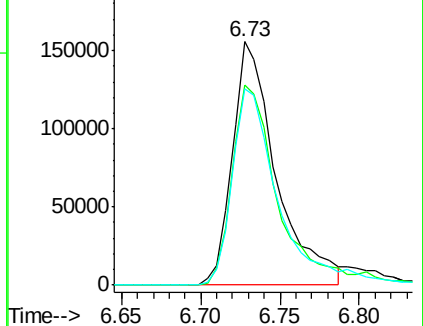
106 80.7 60.7 91.1

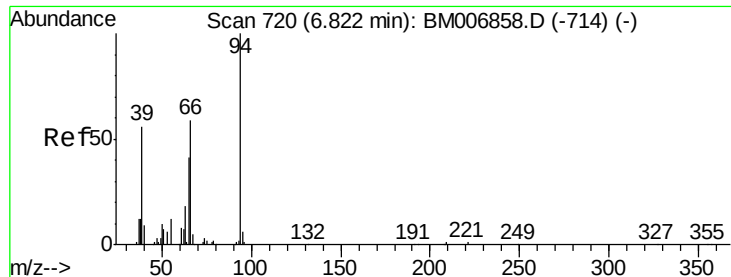


Abundance Ion 77.00 (76.70 to 77.70): BM006880.D (-671) (-)

Ion 105.00 (104.70 to 105.70): BM006880.D (-671) (-)

Ion 106.00 (105.70 to 106.70): BM006880.D (-671) (-)





#6

Phenol

Concen: 20.59 ng/ul

RT: 6.81 min Scan# 718

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

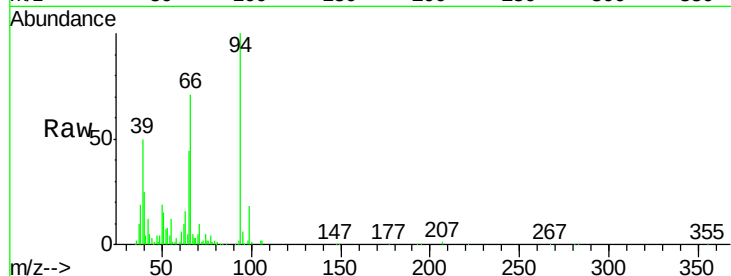
Tgt Ion: 94 Resp: 439692

Ion Ratio Lower Upper

94 100

65 43.6 39.3 58.9

66 71.3 60.7 91.1

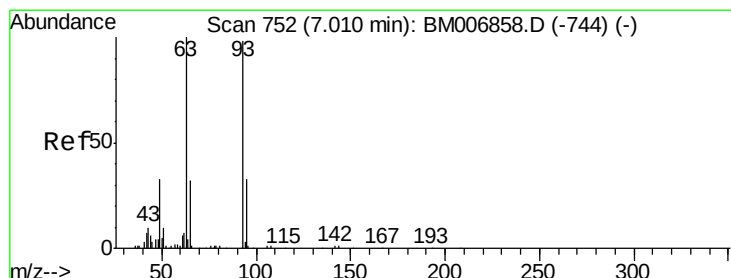
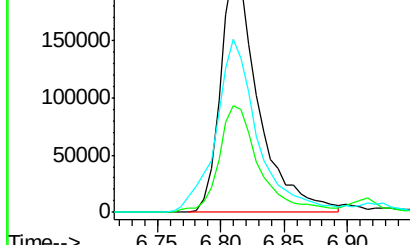
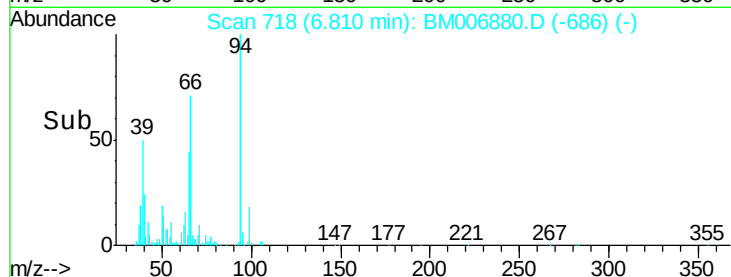


Abundance Ion 94.00 (93.70 to 94.70): BM006880.D (-686) (-)

Ion 65.00 (64.70 to 65.70): BM006880.D (-686) (-)

Ion 66.00 (65.70 to 66.70): BM006880.D (-686) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 21.46 ng/ul

RT: 7.00 min Scan# 751

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

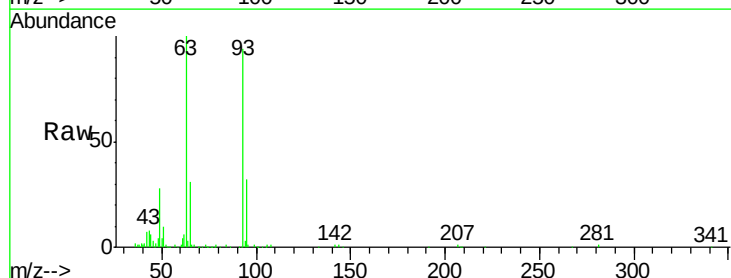
Tgt Ion: 93 Resp: 327331

Ion Ratio Lower Upper

93 100

63 105.9 76.9 115.3

95 33.6 28.2 42.2

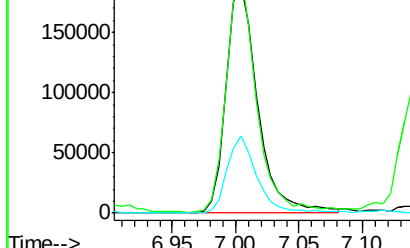
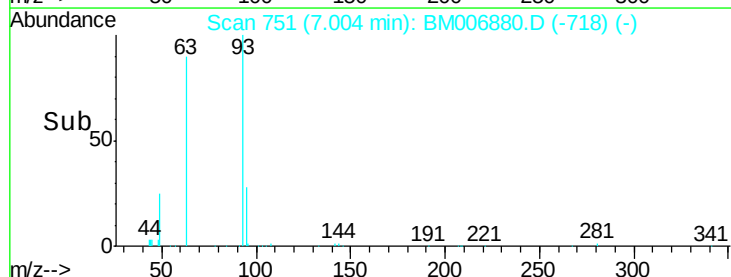


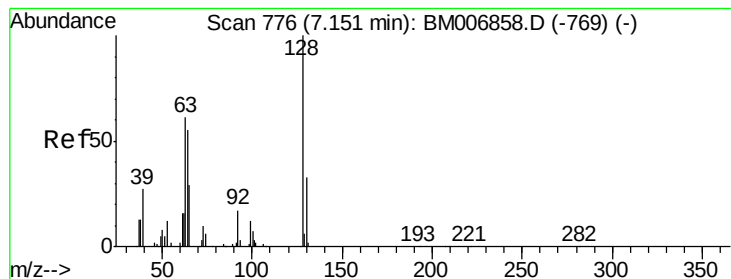
Abundance Ion 93.00 (92.70 to 93.70): BM006880.D (-718) (-)

Ion 63.00 (62.70 to 63.70): BM006880.D (-718) (-)

Ion 95.00 (94.70 to 95.70): BM006880.D (-718) (-)

Time-->





#10

2-Chlorophenol

Concen: 21.05 ng/ul

RT: 7.15 min Scan# 775

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

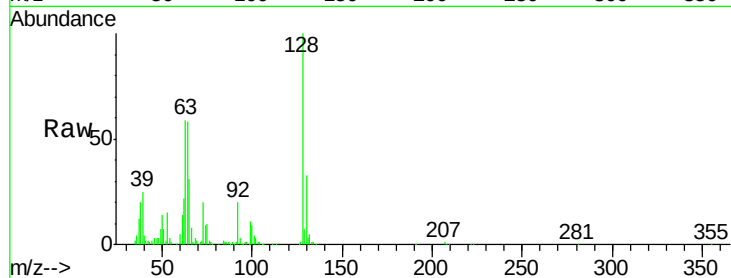
Tgt Ion:128 Resp: 337875

Ion Ratio Lower Upper

128 100

64 57.8 53.0 79.6

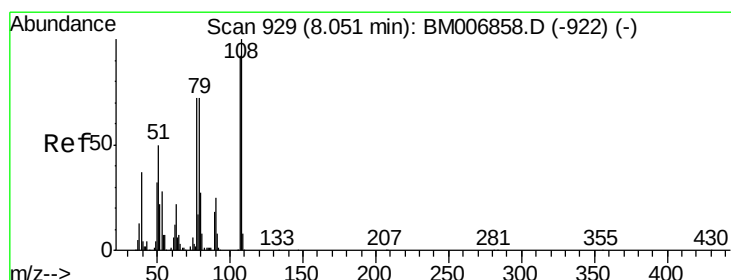
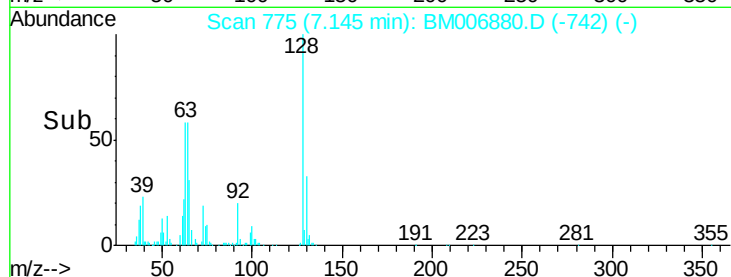
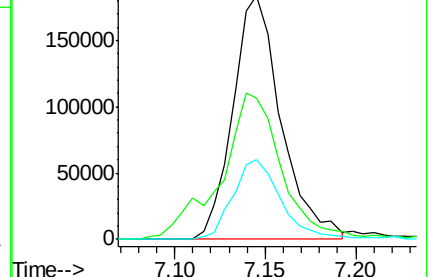
130 32.6 25.2 37.8



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: 20.24 ng/ul

RT: 8.04 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM006880.D

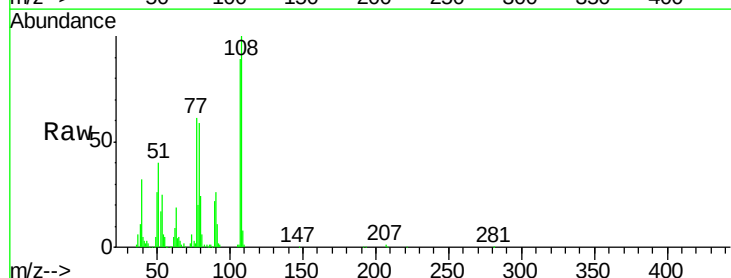
Acq: 05 Aug 2016 01:09

Tgt Ion:108 Resp: 334738

Ion Ratio Lower Upper

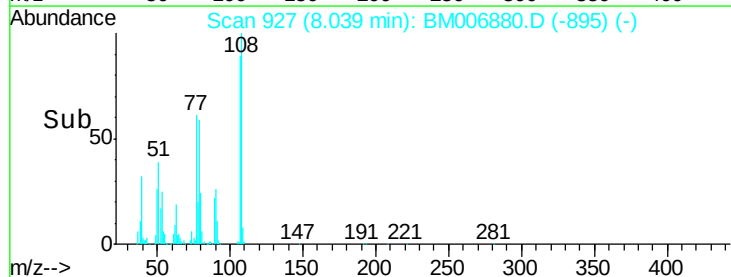
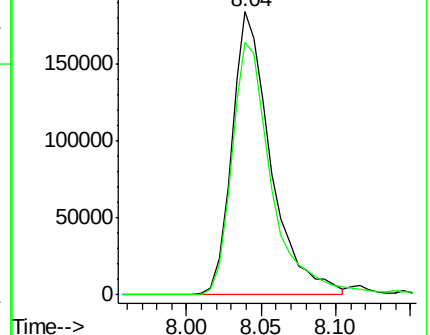
108 100

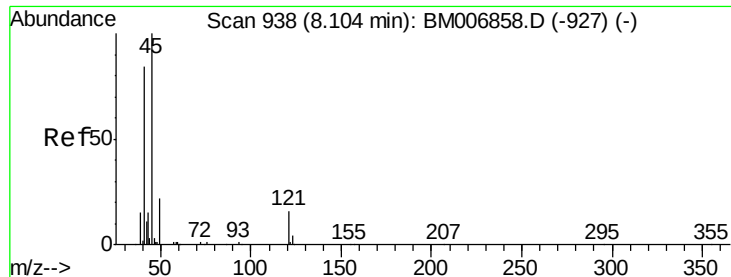
107 89.3 74.7 112.1



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

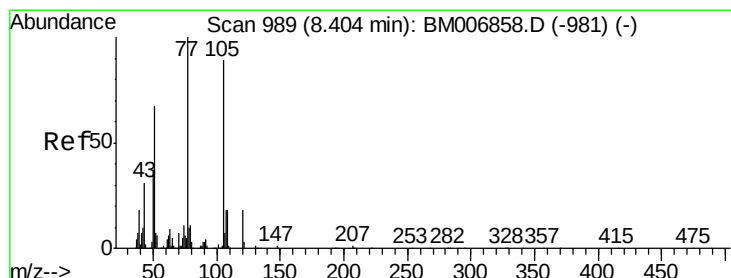
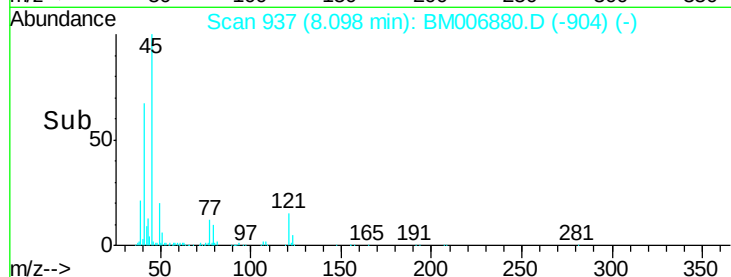
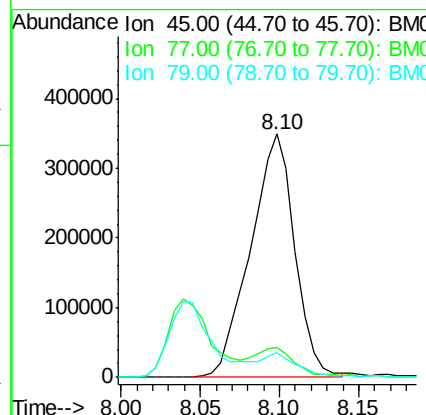
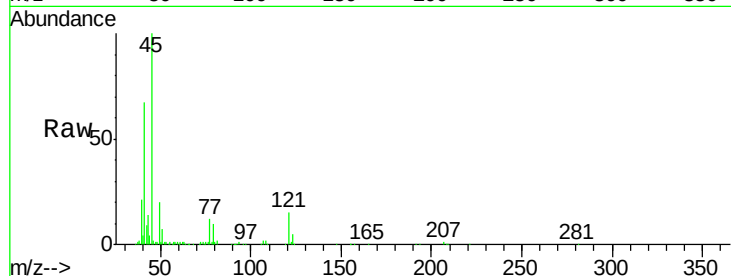




#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 20.04 ng/ul  
RT: 8.10 min Scan# 937  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

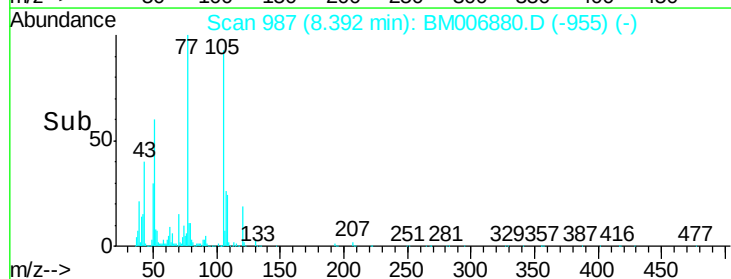
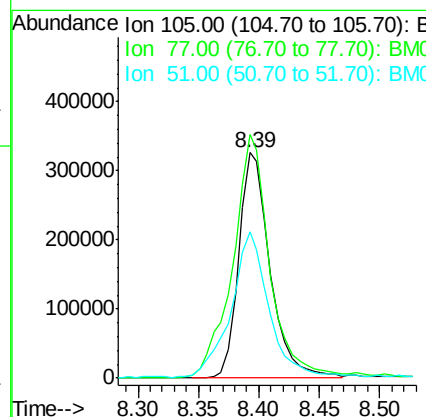
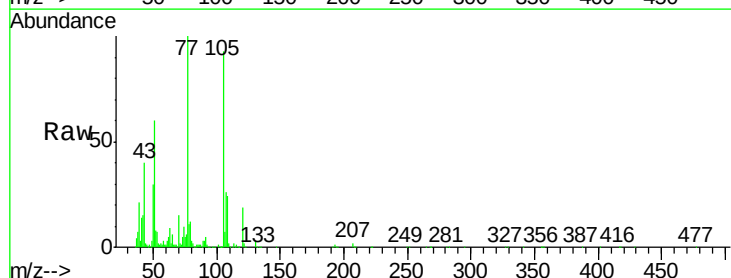
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

Tgt Ion: 45 Resp: 674788  
Ion Ratio Lower Upper  
45 100  
77 12.0 11.0 16.6  
79 10.1 7.9 11.9

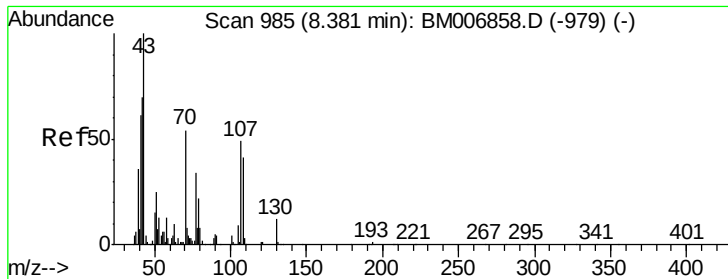


#14  
Acetophenone  
Concen: 20.29 ng/ul  
RT: 8.39 min Scan# 987  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion: 105 Resp: 590940  
Ion Ratio Lower Upper  
105 100  
77 107.9 86.2 129.4  
51 64.6 65.8 98.8#







#15

N-Nitroso-di-n-propylamine

Concen: 21.48 ng/ul

RT: 8.37 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

Tgt Ion: 70 Resp: 309556

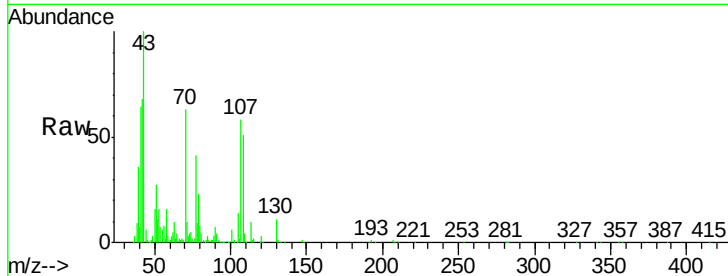
Ion Ratio Lower Upper

70 100

42 108.2 85.3 127.9

101 9.2 9.8 14.6#

130 17.6 16.1 24.1

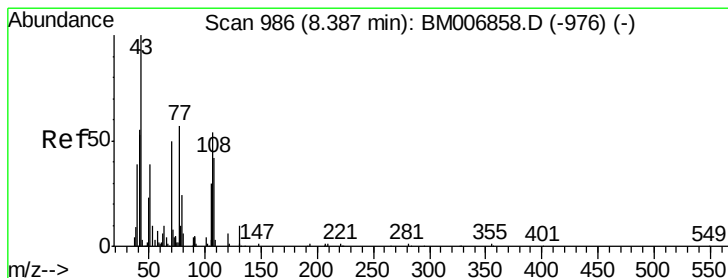
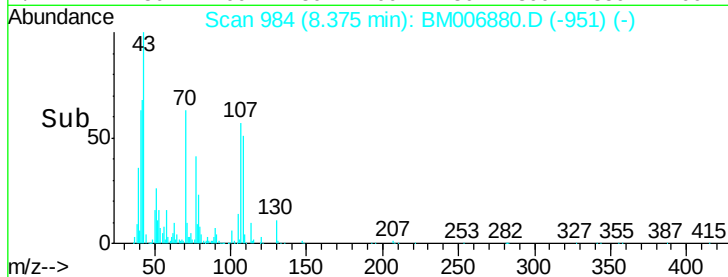
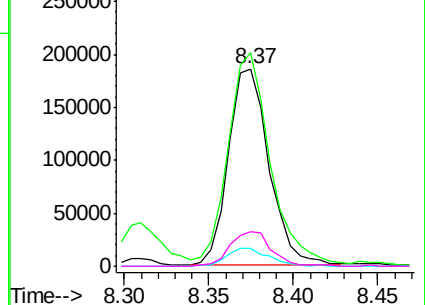


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.91 ng/ul

RT: 8.37 min Scan# 984

Delta R.T. -0.01 min

Lab File: BM006880.D

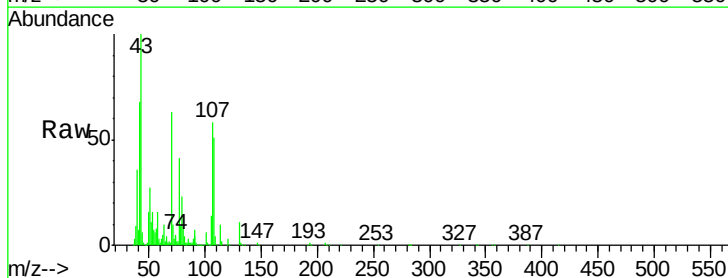
Acq: 05 Aug 2016 01:09

Tgt Ion: 108 Resp: 358767

Ion Ratio Lower Upper

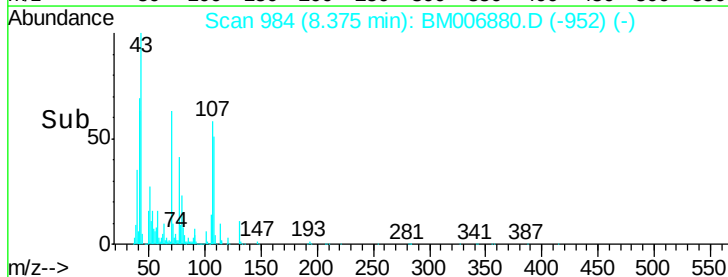
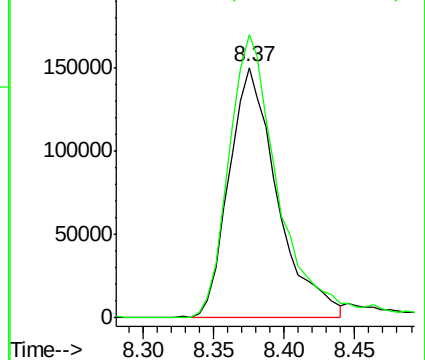
108 100

107 113.0 81.2 121.8

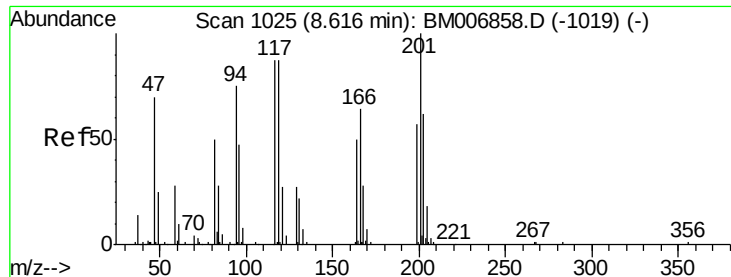


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E



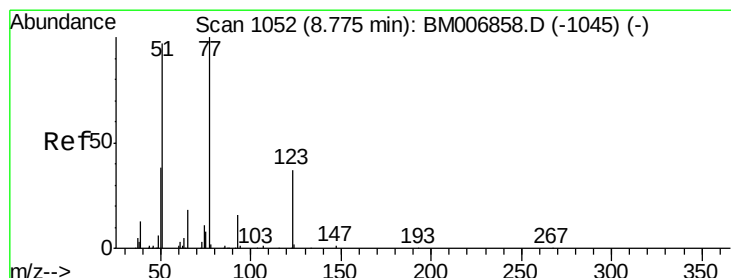
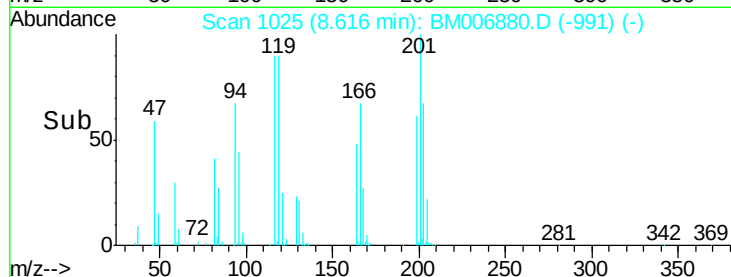
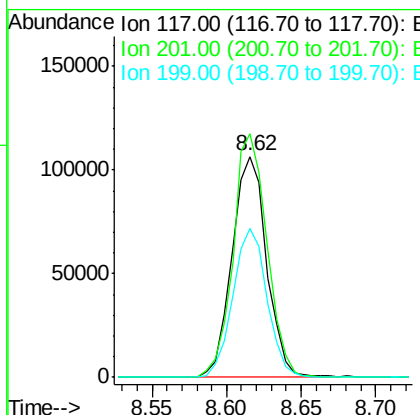
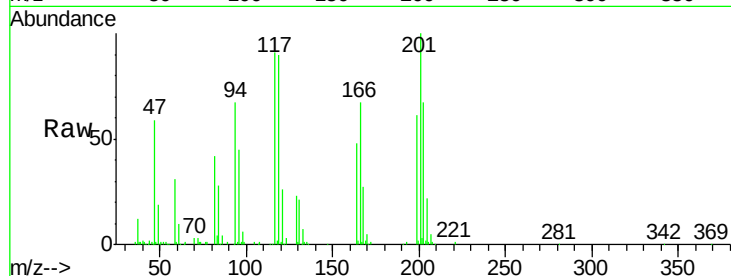




#17  
Hexachloroethane  
Concen: 20.56 ng/ul  
RT: 8.62 min Scan# 1025  
Delta R.T. -0.00 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

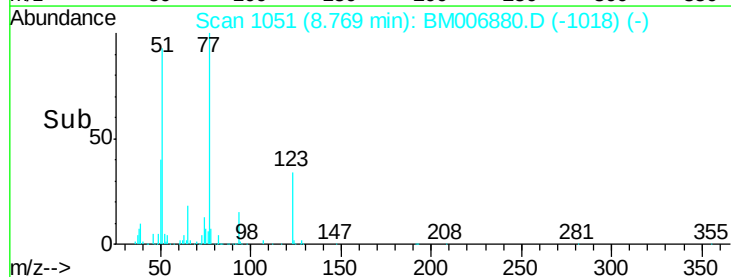
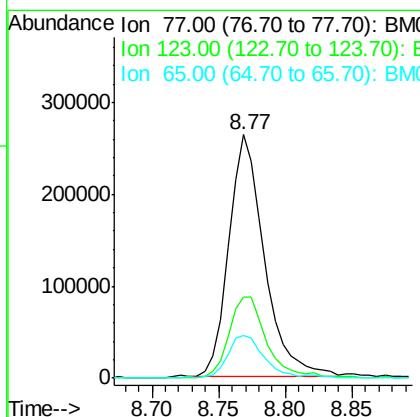
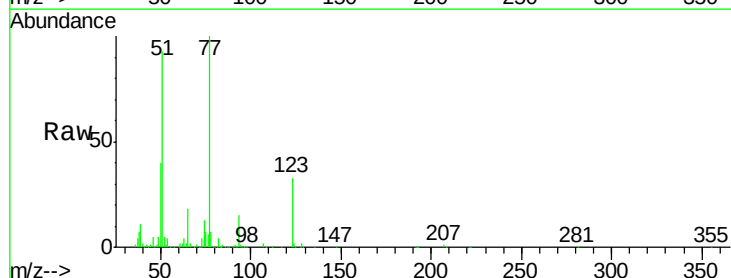
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

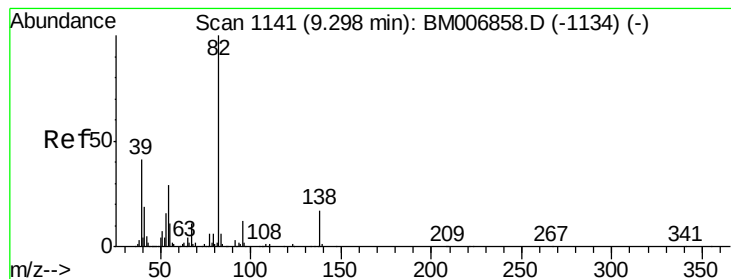
Tgt Ion: 117 Resp: 171990  
Ion Ratio Lower Upper  
117 100  
201 110.1 105.8 158.6  
199 67.6 63.9 95.9



#20  
Nitrobenzene  
Concen: 19.98 ng/ul  
RT: 8.77 min Scan# 1051  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion: 77 Resp: 485332  
Ion Ratio Lower Upper  
77 100  
123 33.4 26.7 40.1  
65 17.7 17.1 25.7





#21

Isophorone

Concen: 21.41 ng/ul

RT: 9.29 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

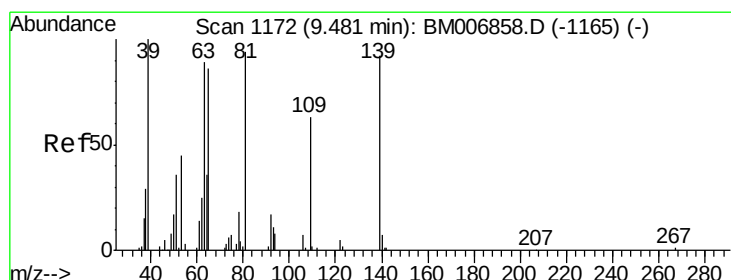
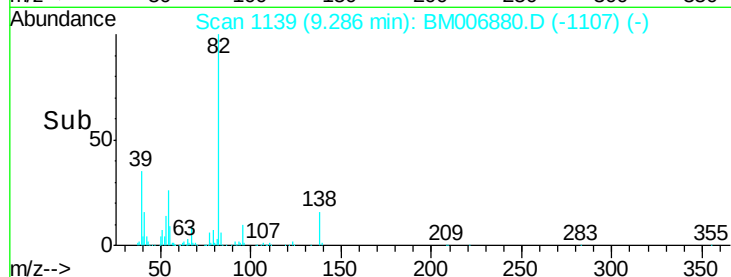
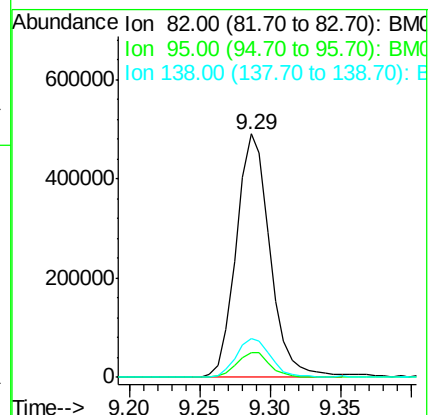
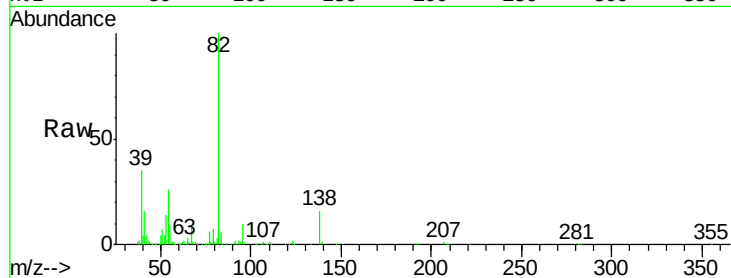
Tgt Ion: 82 Resp: 822241

Ion Ratio Lower Upper

82 100

95 10.0 8.6 13.0

138 15.7 12.3 18.5



#23

2-Nitrophenol

Concen: 21.25 ng/ul

RT: 9.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

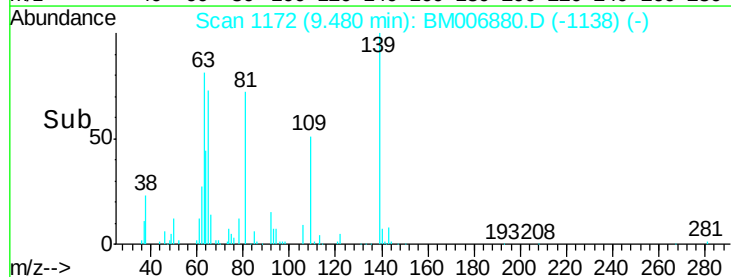
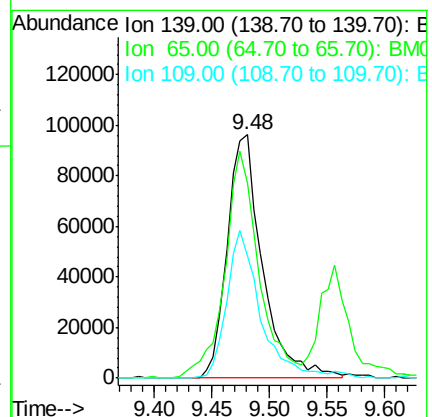
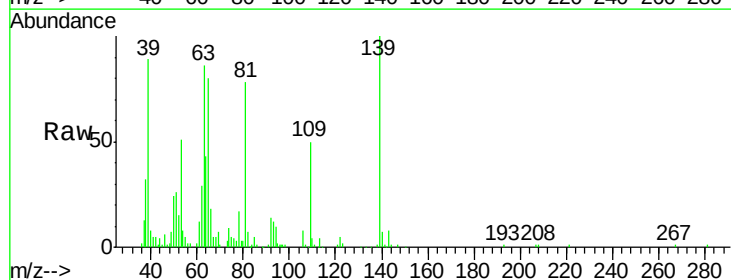
Tgt Ion: 139 Resp: 203741

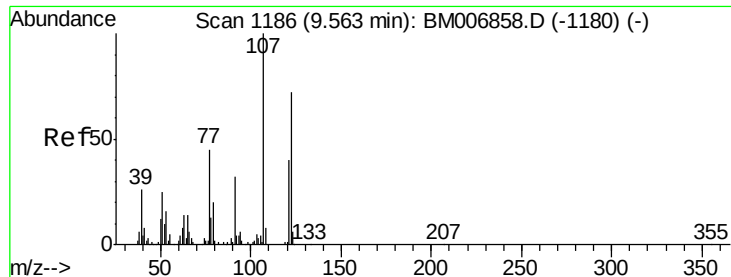
Ion Ratio Lower Upper

139 100

65 79.8 65.4 98.0

109 50.4 47.1 70.7

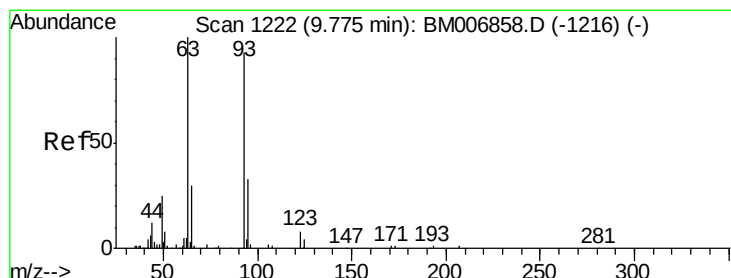
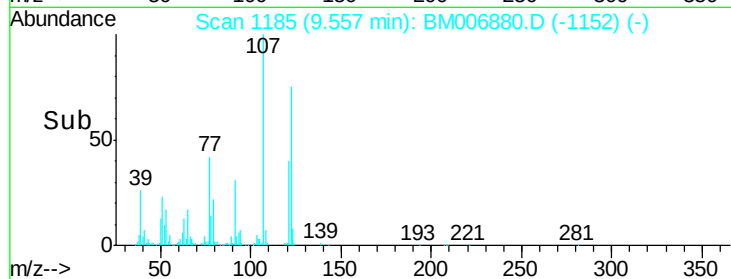
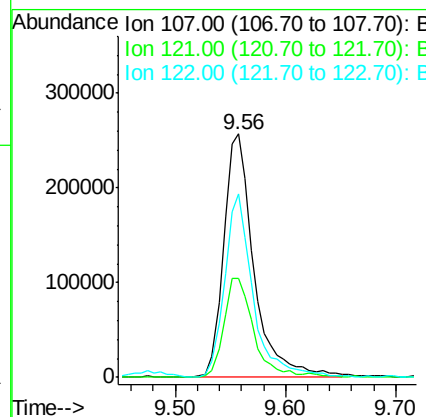
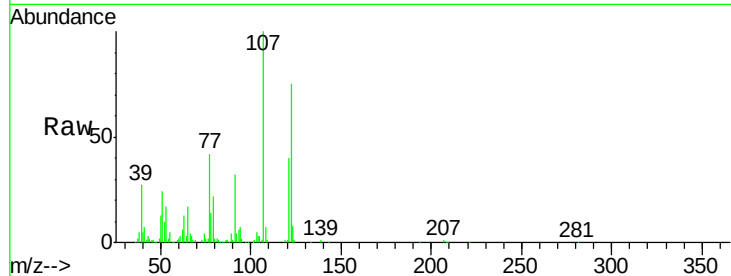




#24  
 2,4-Dimethylphenol  
 Concen: 20.75 ng/ul  
 RT: 9.56 min Scan# 1185  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

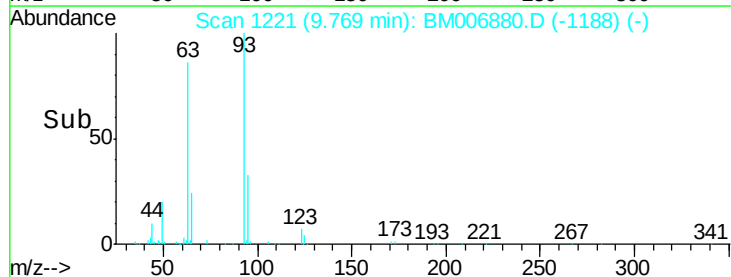
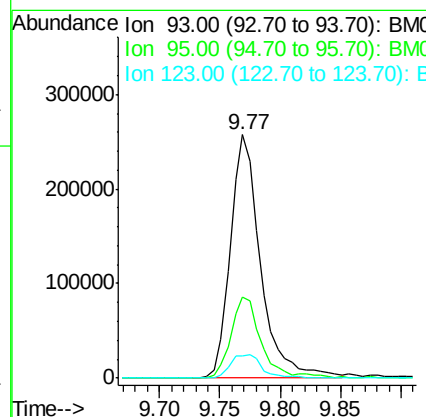
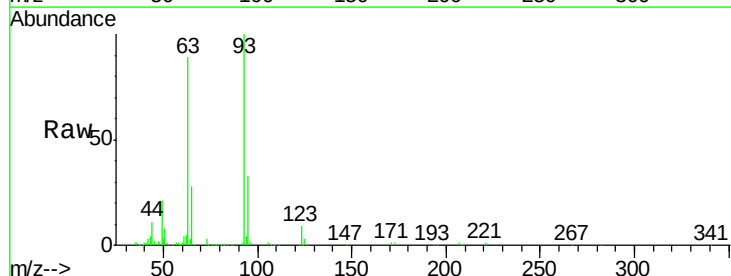
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

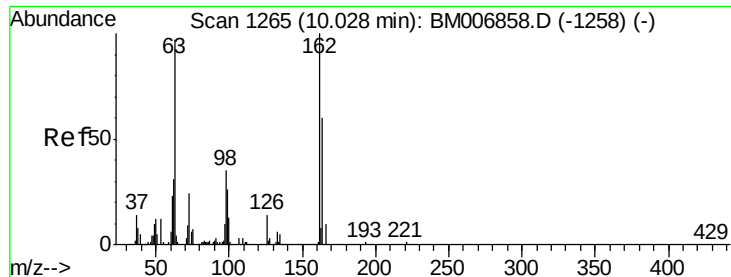
Tgt Ion: 107 Resp: 492185  
 Ion Ratio Lower Upper  
 107 100  
 121 40.5 34.6 51.8  
 122 75.5 54.1 81.1



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 21.51 ng/ul  
 RT: 9.77 min Scan# 1221  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

Tgt Ion: 93 Resp: 447883  
 Ion Ratio Lower Upper  
 93 100  
 95 33.1 26.4 39.6  
 123 9.3 8.7 13.1





#27

2,4-Dichlorophenol

Concen: 20.16 ng/ul

RT: 10.02 min Scan# 1264

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

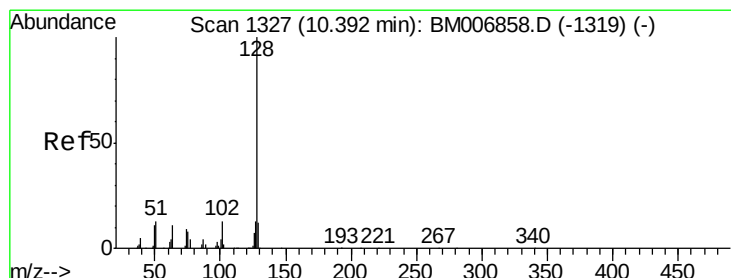
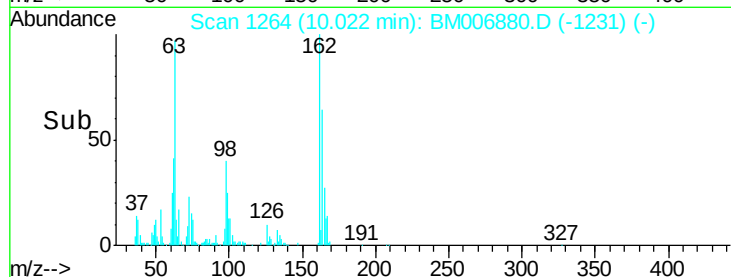
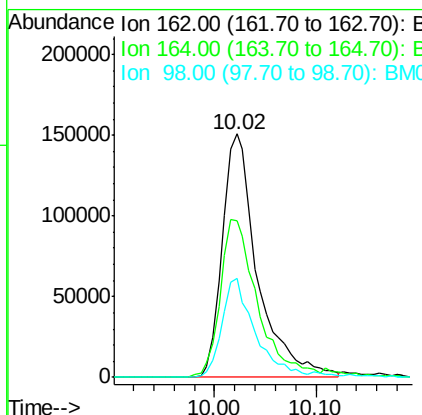
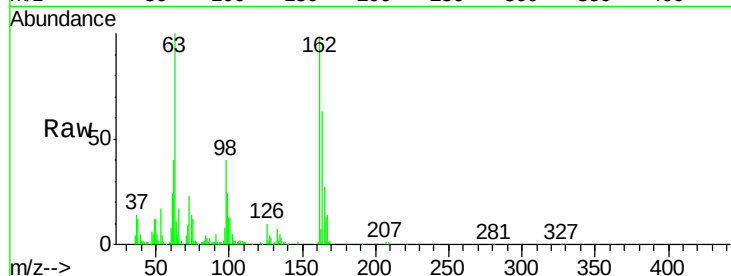
Instrument :

BNA\_M

ClientSampleId :

SSTD02055

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 162   | Resp: | 363677 |
| Ion      | Ratio | Lower | Upper  |
| 162      | 100   |       |        |
| 164      | 64.2  | 60.4  | 90.6   |
| 98       | 40.5  | 26.6  | 39.8#  |



#28

Naphthalene

Concen: 20.47 ng/ul

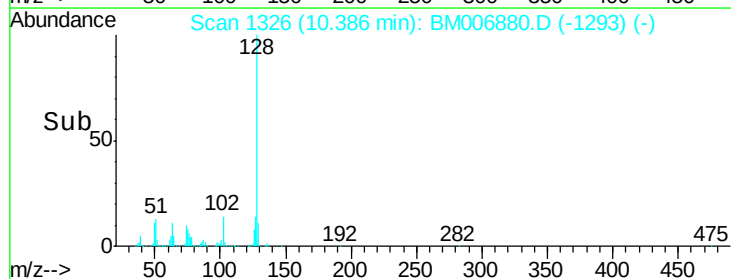
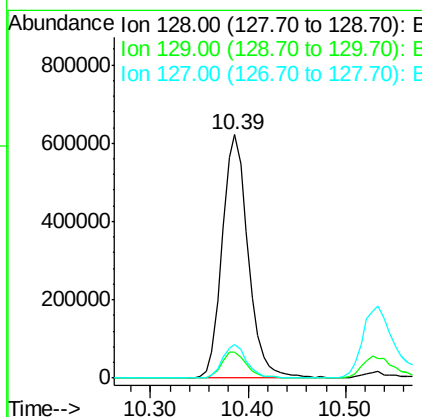
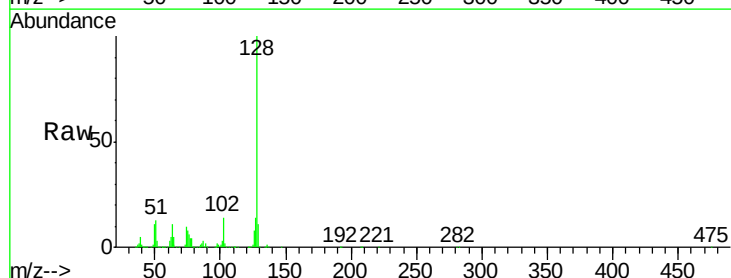
RT: 10.39 min Scan# 1326

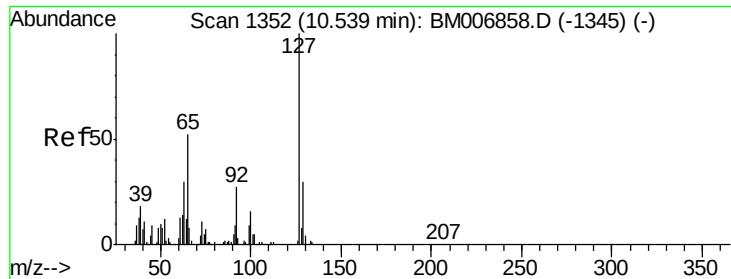
Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 128   | Resp: | 1145611 |
| Ion      | Ratio | Lower | Upper   |
| 128      | 100   |       |         |
| 129      | 10.8  | 8.9   | 13.3    |
| 127      | 13.6  | 11.7  | 17.5    |

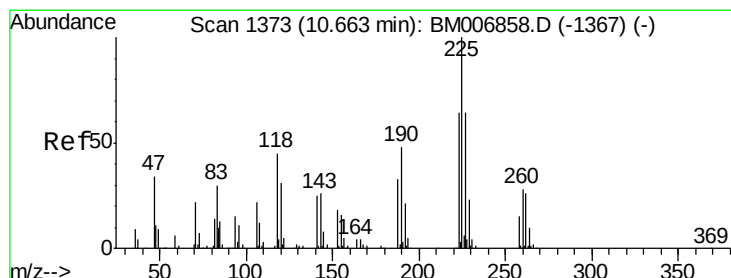
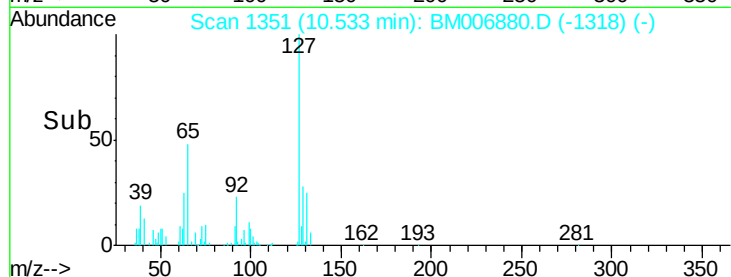
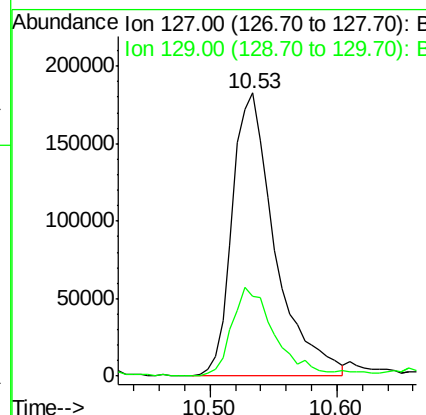
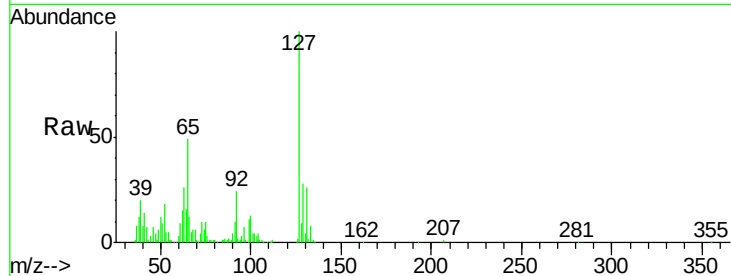




#30  
4-Chloroaniline  
Concen: 21.62 ng/ul  
RT: 10.53 min Scan# 1351  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

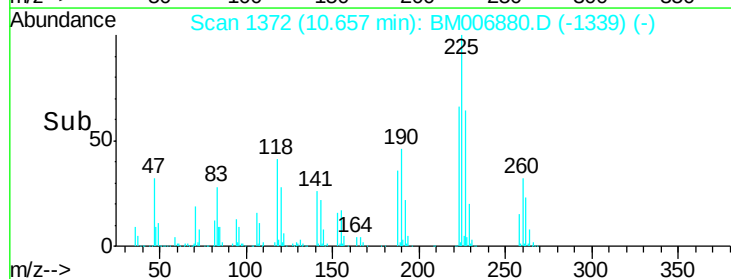
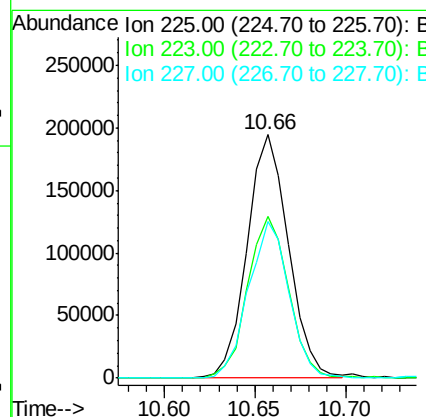
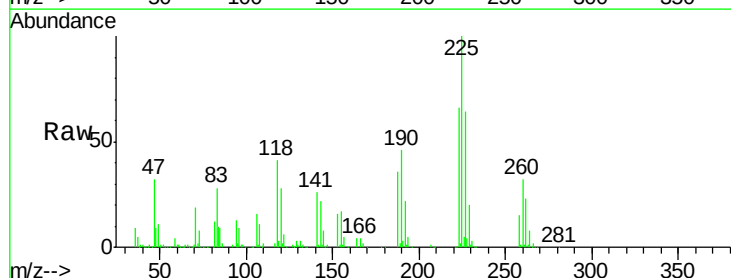
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

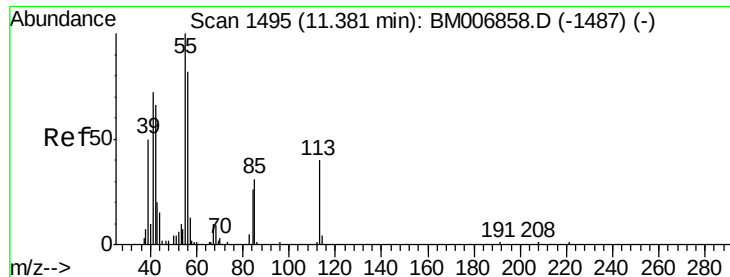
Tgt Ion:127 Resp: 427345  
Ion Ratio Lower Upper  
127 100  
129 28.1 25.2 37.8



#31  
Hexachlorobutadiene  
Concen: 18.16 ng/ul  
RT: 10.66 min Scan# 1372  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion:225 Resp: 308353  
Ion Ratio Lower Upper  
225 100  
223 66.4 48.1 72.1  
227 64.1 49.5 74.3





#32

Caprolactam

Concen: 4.71 ng/ul

RT: 11.33 min Scan# 1487

Delta R.T. -0.05 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

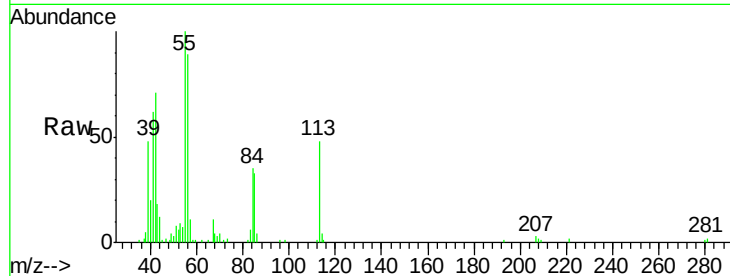
Tgt Ion:113 Resp: 24016

Ion Ratio Lower Upper

113 100

55 208.4 179.1 268.7

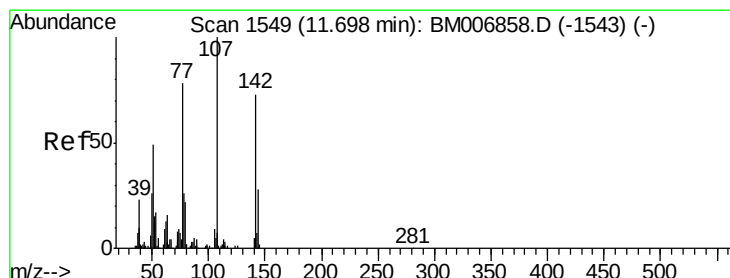
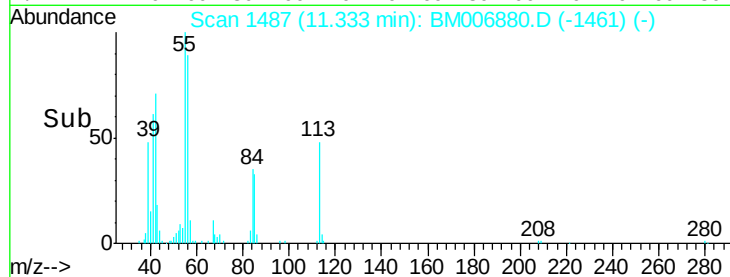
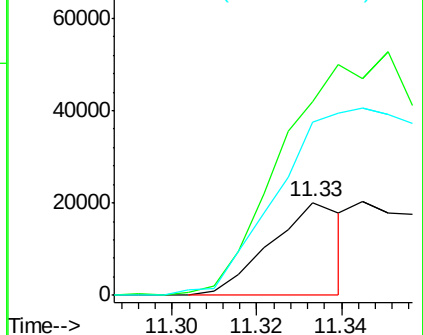
56 185.9 144.6 217.0



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: 20.91 ng/ul

RT: 11.69 min Scan# 1547

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

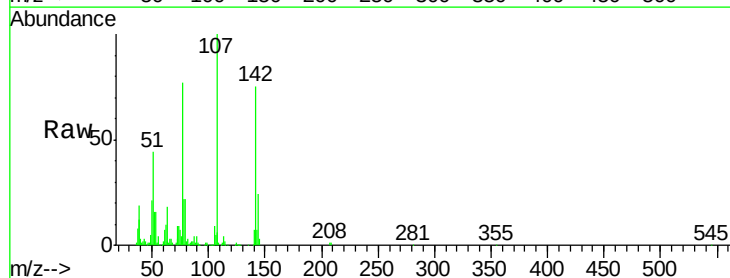
Tgt Ion:107 Resp: 418919

Ion Ratio Lower Upper

107 100

144 24.0 18.3 27.5

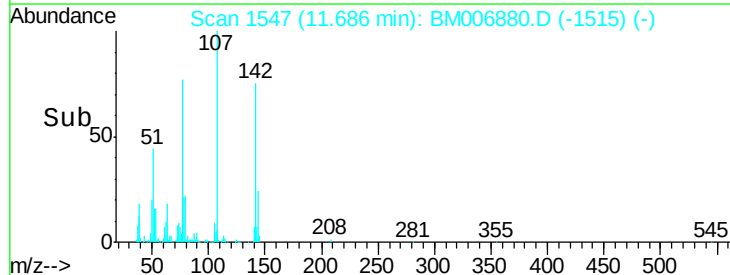
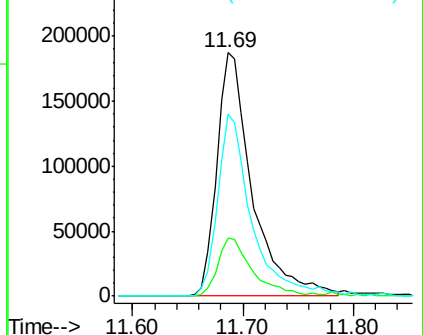
142 74.9 57.1 85.7

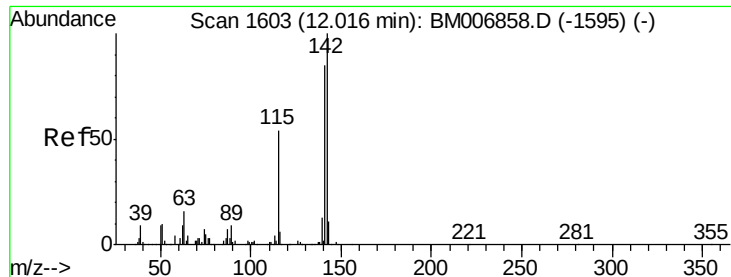


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

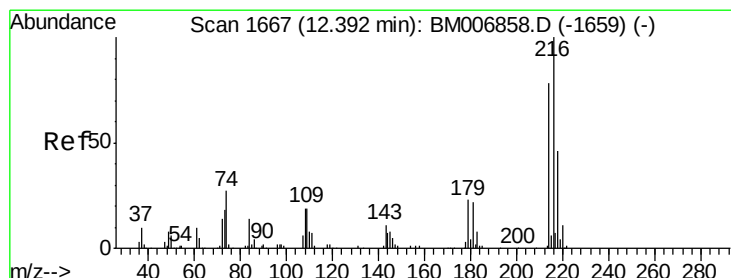
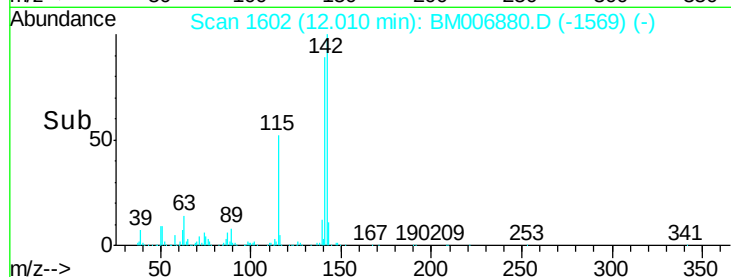
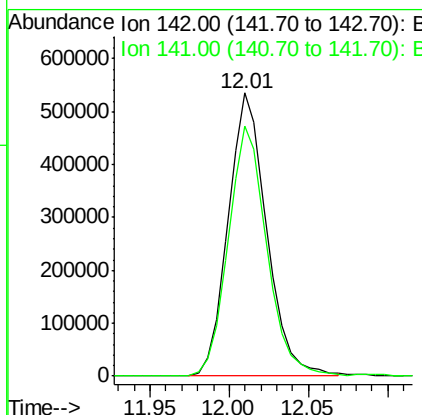
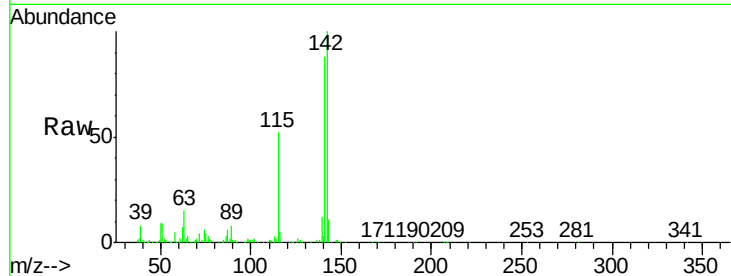




#34  
 2-Methylnaphthalene  
 Concen: 19.85 ng/ul  
 RT: 12.01 min Scan# 1602  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

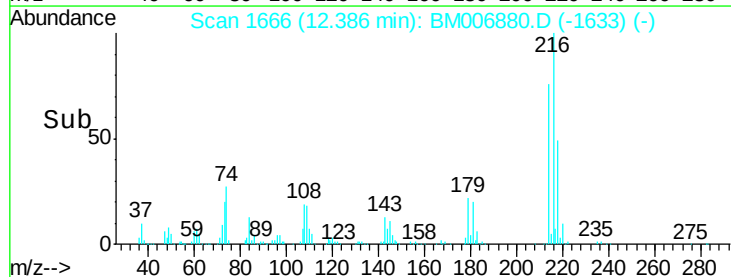
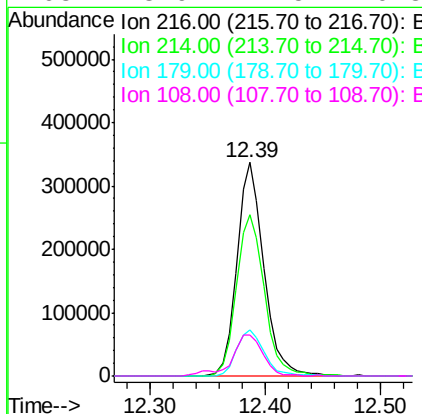
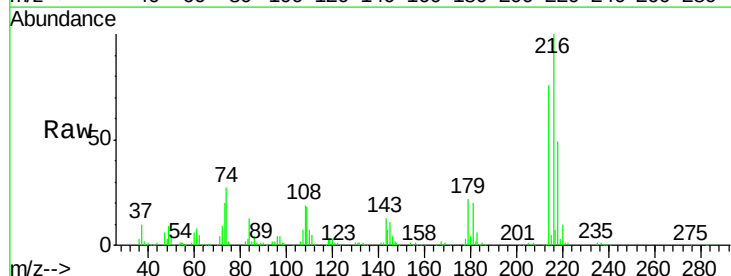
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

Tgt Ion:142 Resp: 895412  
 Ion Ratio Lower Upper  
 142 100  
 141 88.4 71.3 106.9

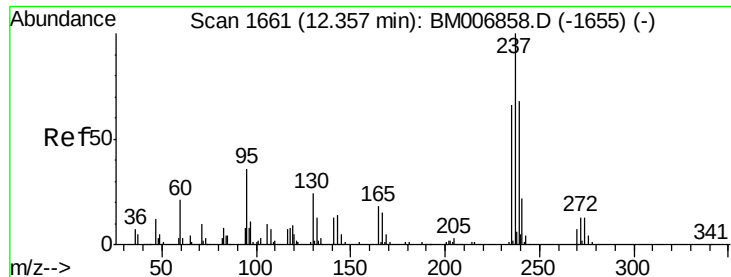


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 19.20 ng/ul  
 RT: 12.39 min Scan# 1666  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

Tgt Ion:216 Resp: 542864  
 Ion Ratio Lower Upper  
 216 100  
 214 75.7 56.5 84.7  
 179 21.7 16.3 24.5  
 108 18.9 17.5 26.3







#37

Hexachlorocyclopentadiene

Concen: 15.36 ng/ul

RT: 12.35 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

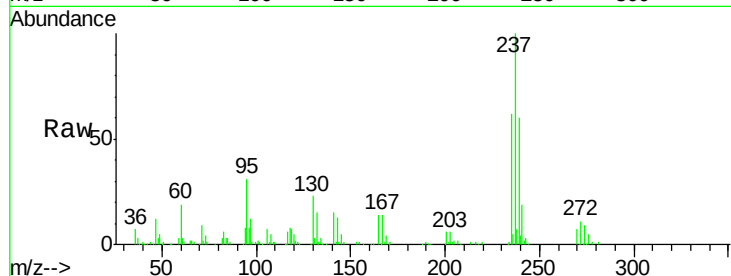
Tgt Ion: 237 Resp: 240971

Ion Ratio Lower Upper

237 100

235 62.5 47.1 70.7

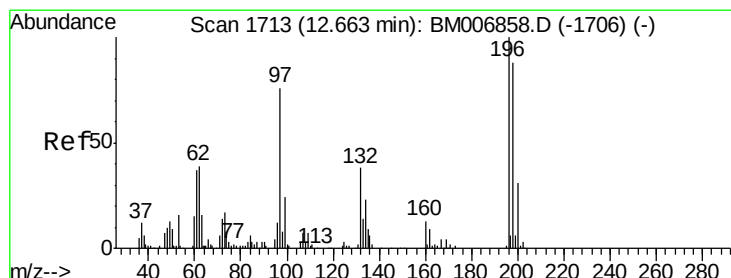
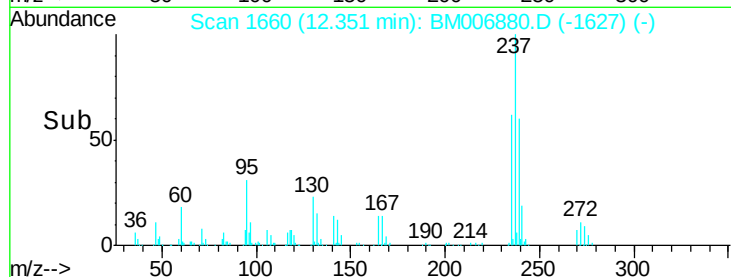
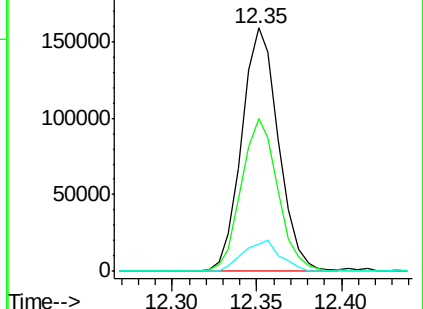
272 11.5 7.3 10.9#



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: 19.97 ng/ul

RT: 12.66 min Scan# 1712

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

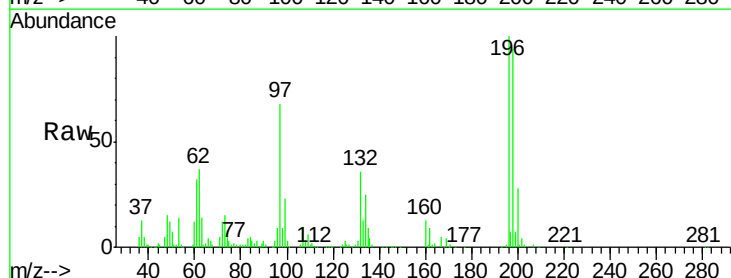
Tgt Ion: 196 Resp: 345314

Ion Ratio Lower Upper

196 100

198 94.2 73.2 109.8

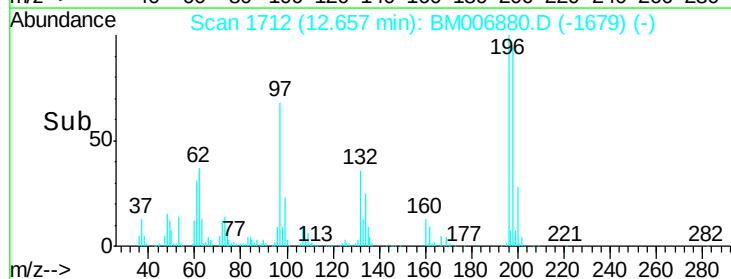
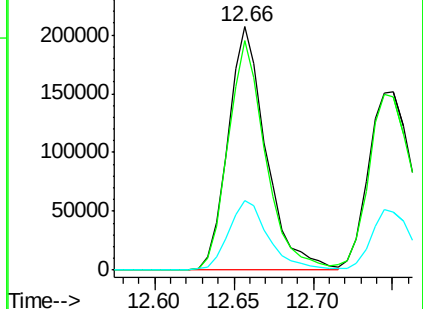
200 28.3 25.1 37.7

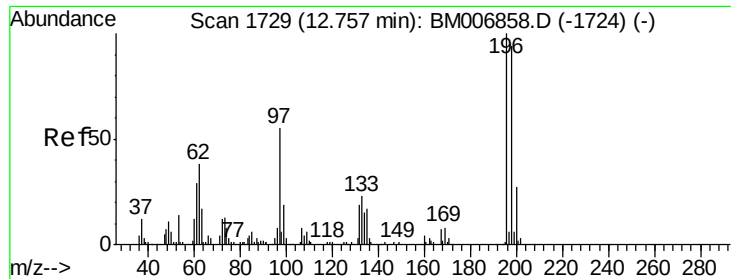


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

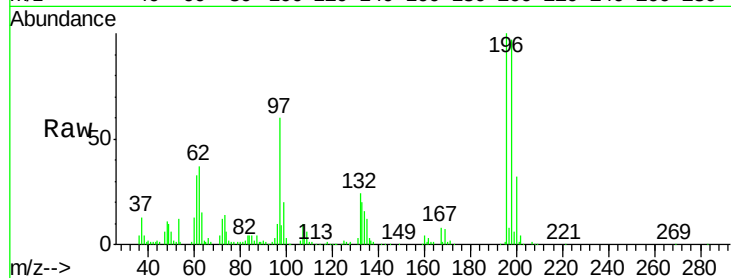




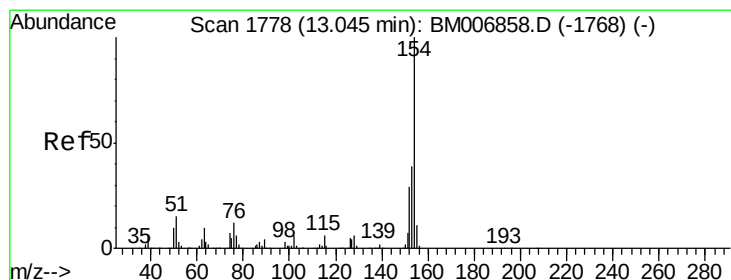
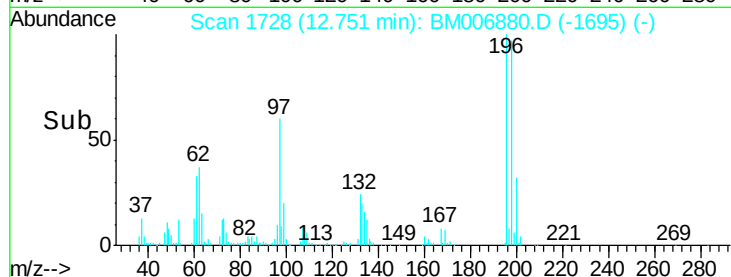
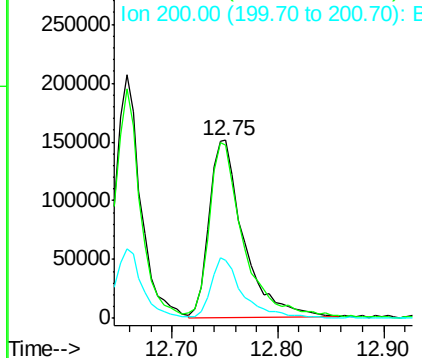
#39  
 2,4,5-Trichlorophenol  
 Concen: 20.63 ng/ul  
 RT: 12.75 min Scan# 1728  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

Tgt Ion:196 Resp: 343149  
 Ion Ratio Lower Upper  
 196 100  
 198 97.3 67.1 100.7  
 200 32.3 22.6 34.0

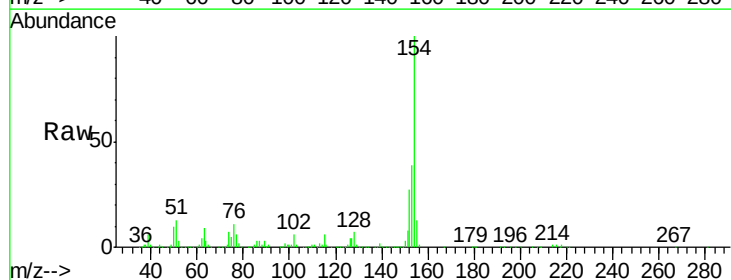


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

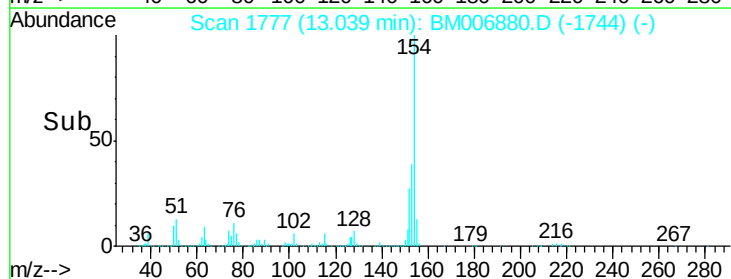
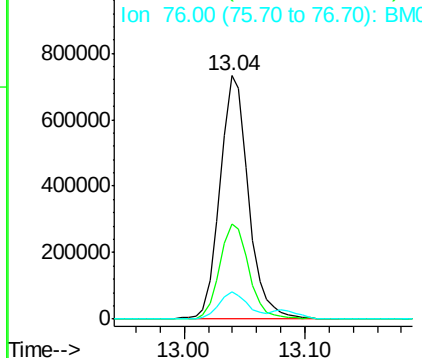


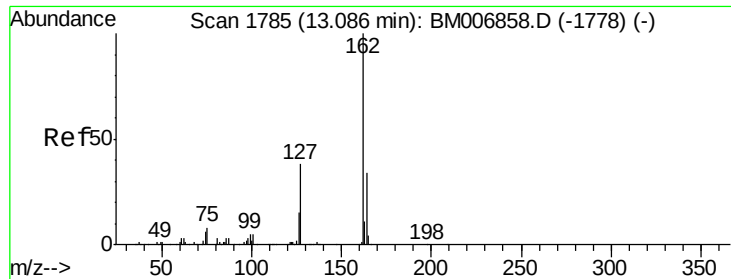
#40  
 1,1'-Biphenyl  
 Concen: 20.36 ng/ul  
 RT: 13.04 min Scan# 1777  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

Tgt Ion:154 Resp: 1190752  
 Ion Ratio Lower Upper  
 154 100  
 153 39.3 31.8 47.8  
 76 11.3 8.7 13.1



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

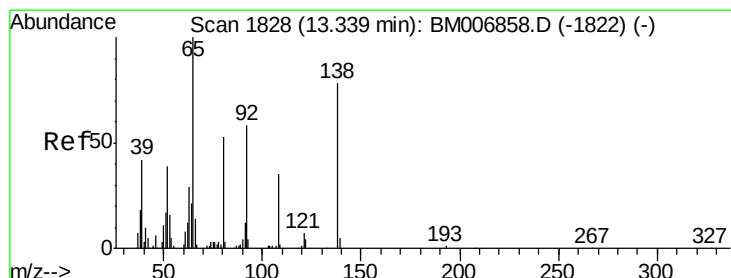
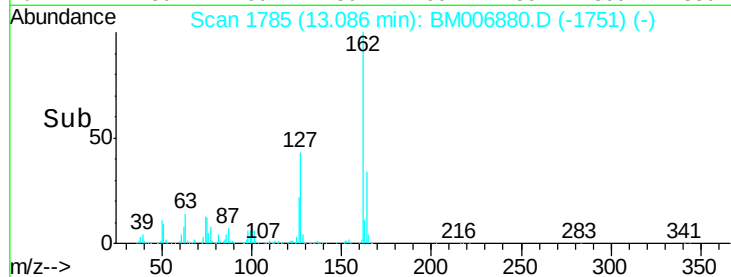
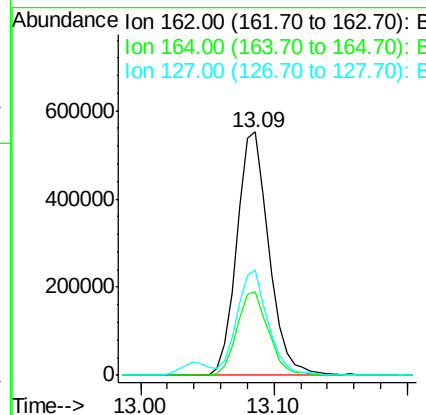
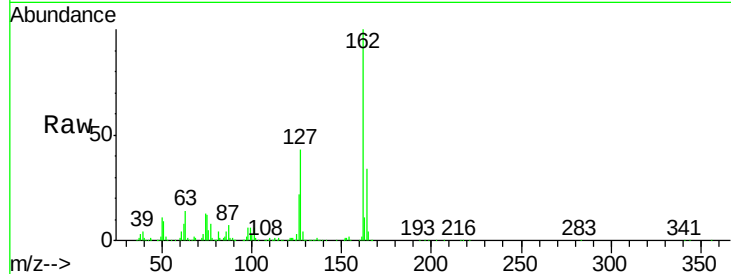




#41  
 2-Chloronaphthalene  
 Concen: 20.17 ng/ul  
 RT: 13.09 min Scan# 1785  
 Delta R.T. -0.00 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

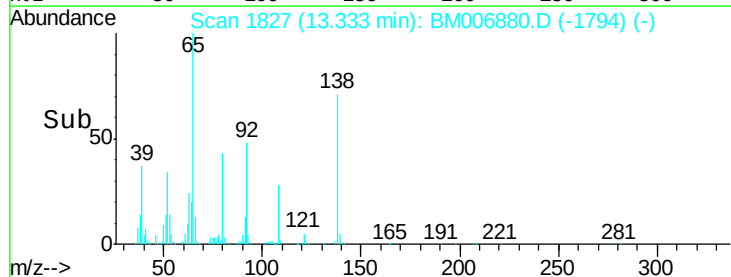
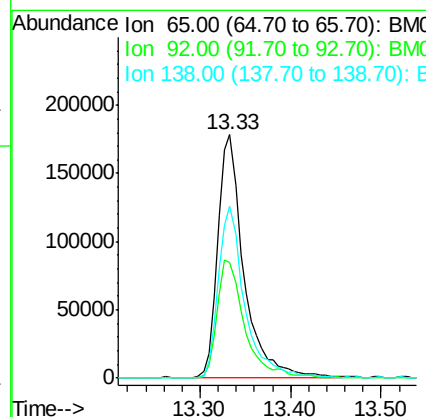
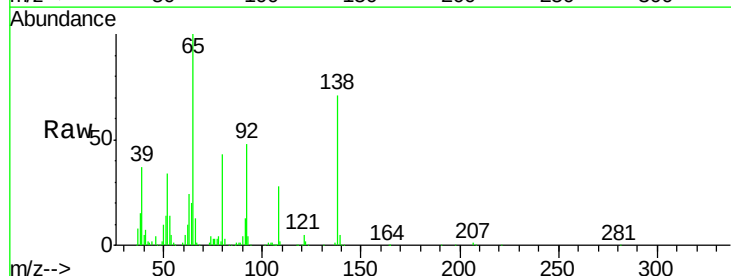
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

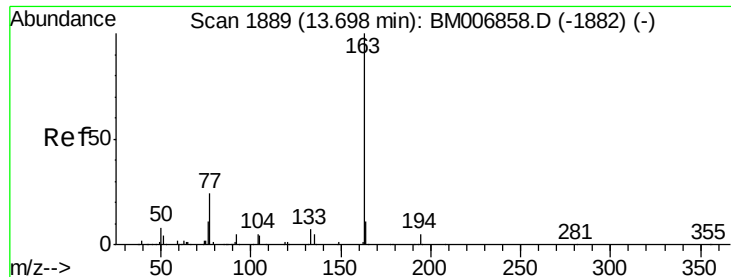
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 34.4  | 27.2  | 40.8  |
| 127     | 43.5  | 32.4  | 48.6  |



#42  
 2-Nitroaniline  
 Concen: 21.09 ng/ul  
 RT: 13.33 min Scan# 1827  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 47.6  | 38.9  | 58.3  |
| 138     | 70.6  | 54.2  | 81.4  |





#44

Dimethylphthalate

Concen: 20.38 ng/ul

RT: 13.69 min Scan# 1887

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

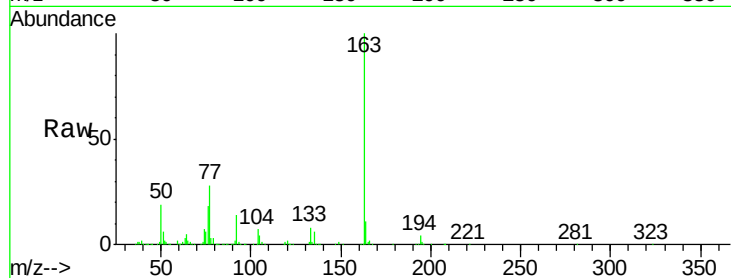
Tgt Ion:163 Resp: 1196379

Ion Ratio Lower Upper

163 100

194 4.3 3.1 4.7

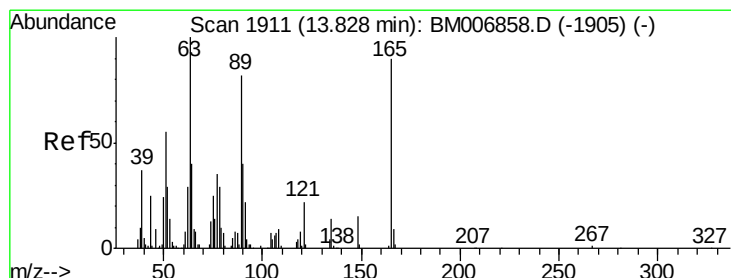
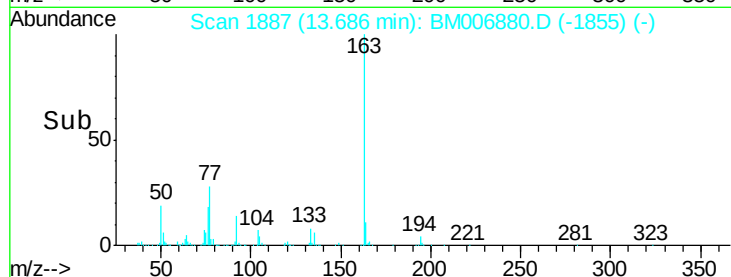
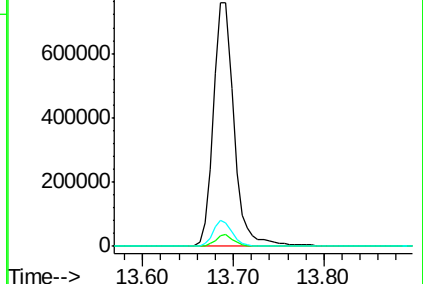
164 10.8 8.6 12.8



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: 20.46 ng/ul

RT: 13.82 min Scan# 1910

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

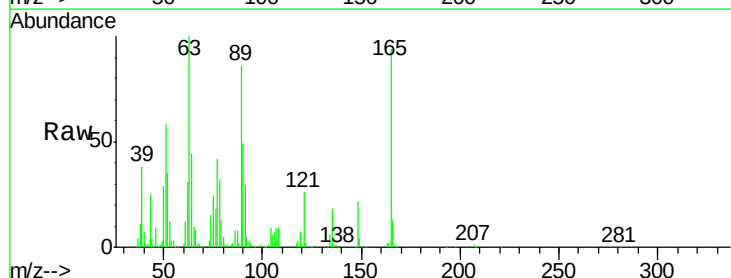
Tgt Ion:165 Resp: 233430

Ion Ratio Lower Upper

165 100

89 91.0 70.4 105.6

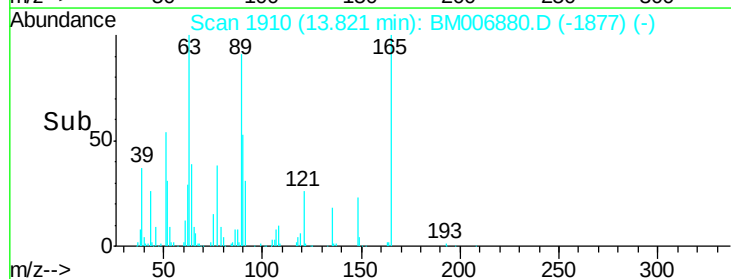
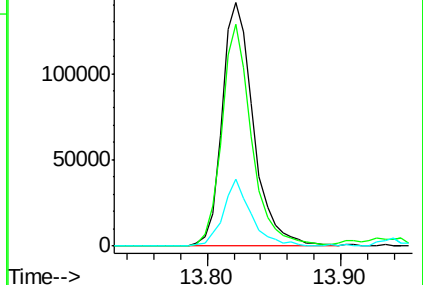
121 27.3 19.3 28.9

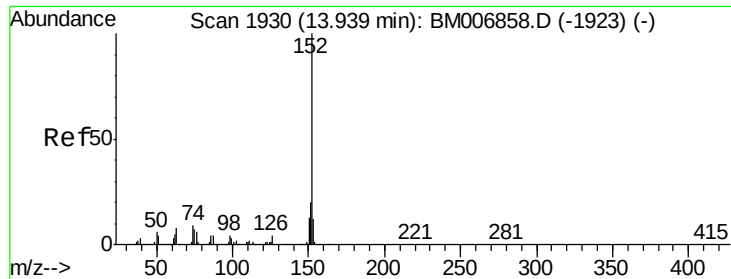


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.74 ng/ul

RT: 13.94 min Scan# 1930

Delta R.T. -0.00 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

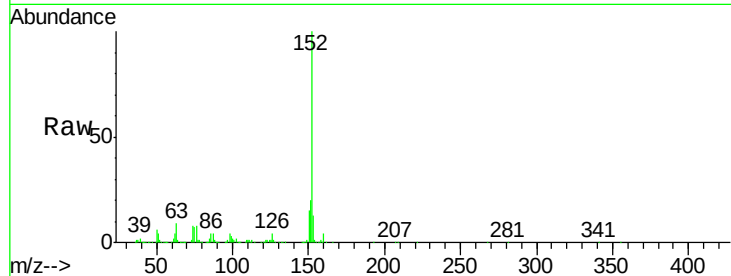
BNA\_M

ClientSampleId :

SSTD02055

Tgt Ion:152 Resp: 1515850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.9  | 14.3  | 21.5  |
| 153 | 12.9  | 11.7  | 17.5  |

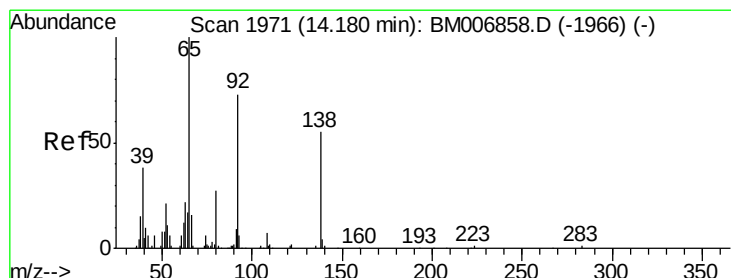
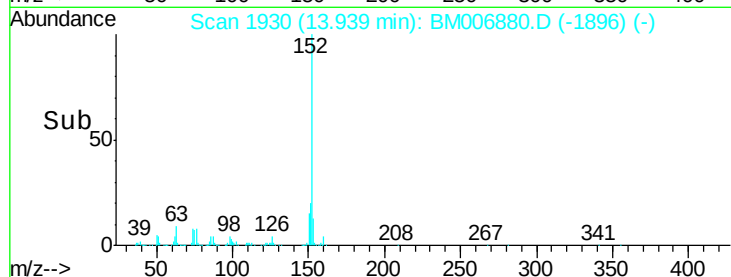
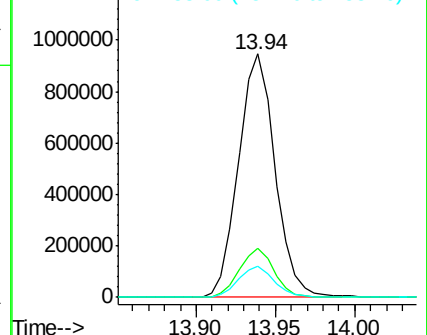


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#48

3-Nitroaniline

Concen: 21.88 ng/ul

RT: 14.17 min Scan# 1969

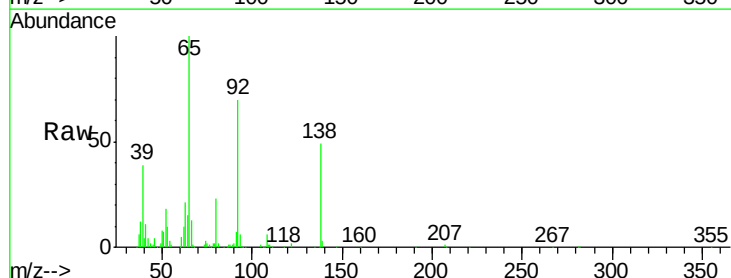
Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Tgt Ion:138 Resp: 211284

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 138 | 100   |       |        |
| 108 | 12.3  | 8.3   | 12.5   |
| 92  | 141.2 | 90.1  | 135.1# |

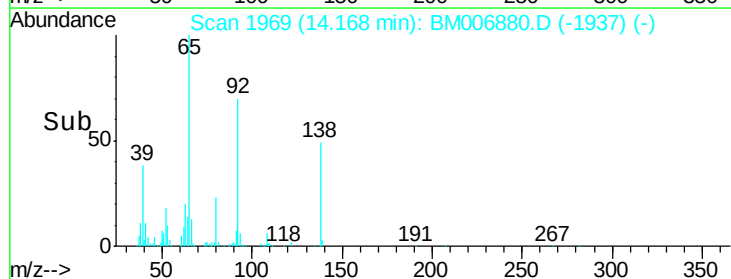
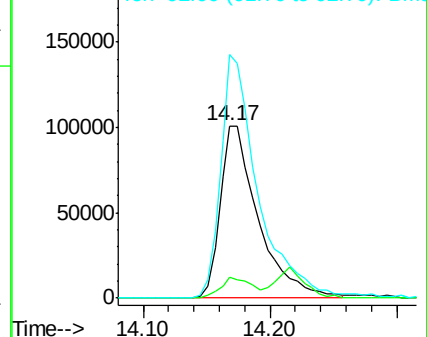


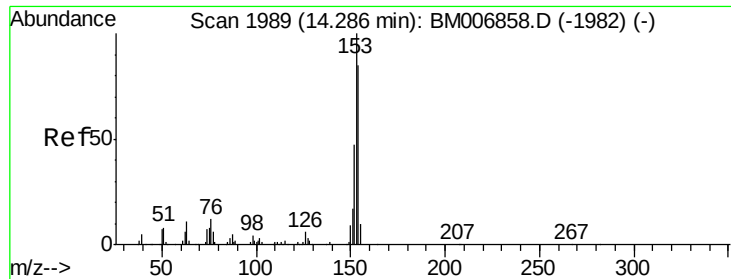
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.86 ng/ul

RT: 14.28 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

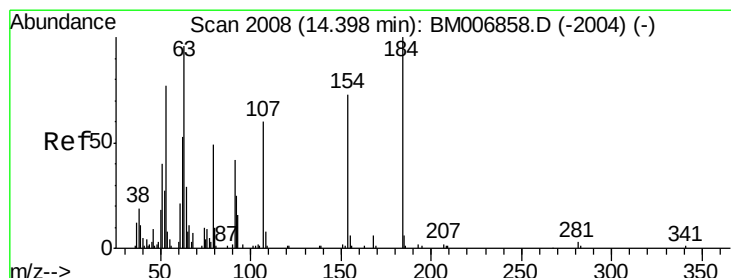
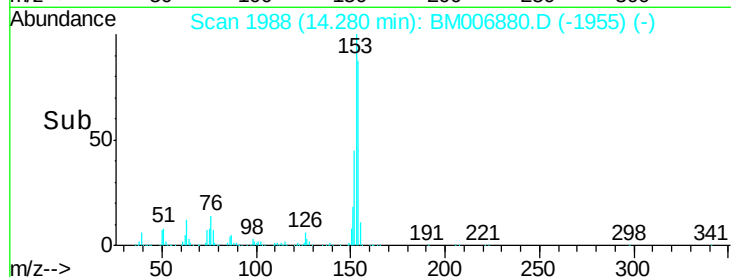
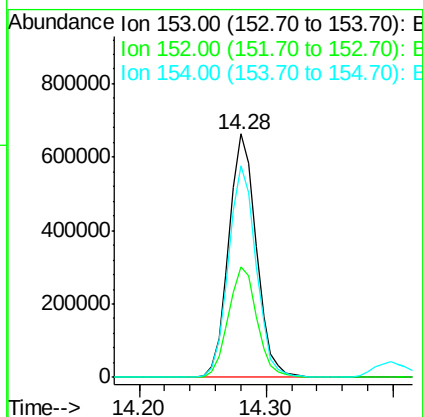
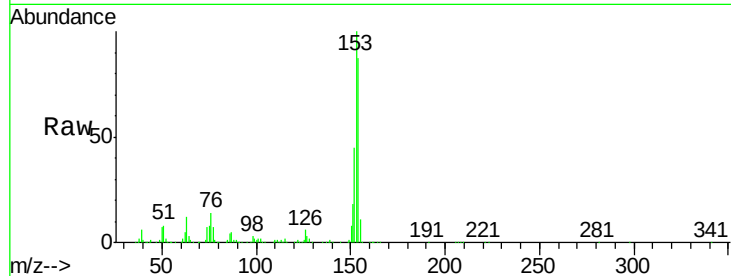
Instrument :

BNA\_M

ClientSampleId :

SSTD02055

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 153   | Resp: | 996287 |
| Ion      | Ratio | Lower | Upper  |
| 153      | 100   |       |        |
| 152      | 45.2  | 34.7  | 52.1   |
| 154      | 87.1  | 70.6  | 105.8  |



#50

2,4-Dinitrophenol

Concen: 15.32 ng/ul

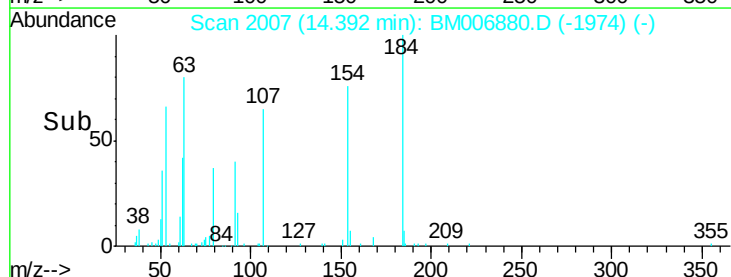
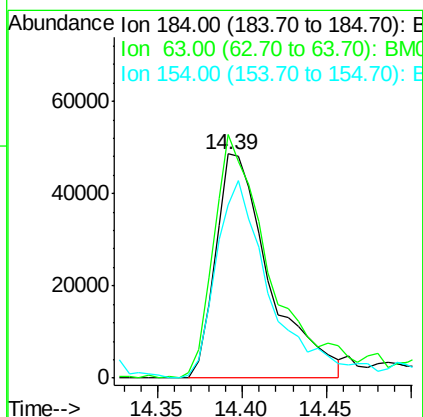
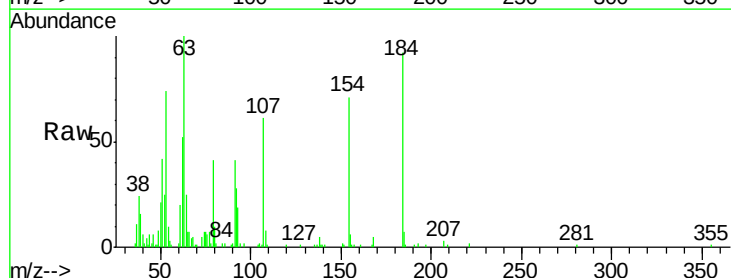
RT: 14.39 min Scan# 2007

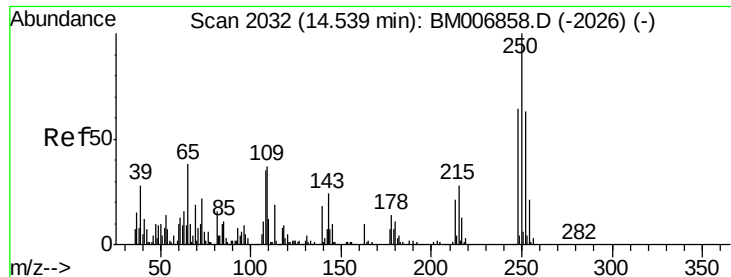
Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 184   | Resp: | 108045 |
| Ion      | Ratio | Lower | Upper  |
| 184      | 100   |       |        |
| 63       | 108.6 | 82.2  | 123.4  |
| 154      | 77.3  | 71.4  | 107.2  |





#52

4-Nitrophenol

Concen: 16.75 ng/ul

RT: 14.53 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

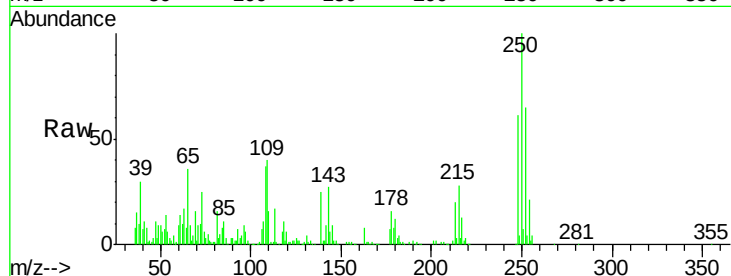
Tgt Ion:109 Resp: 292157

Ion Ratio Lower Upper

109 100

139 60.9 42.2 63.4

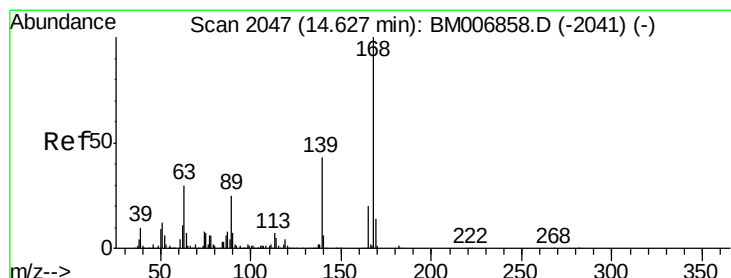
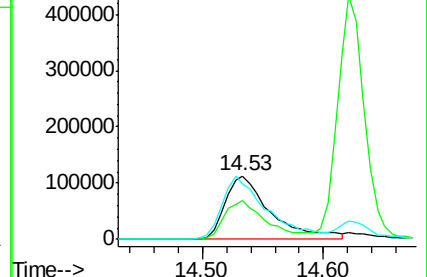
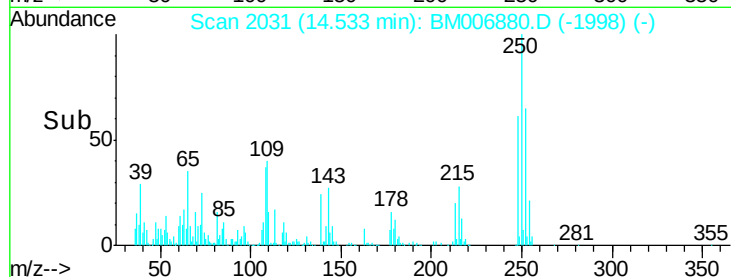
65 88.3 74.8 112.2



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: 19.95 ng/ul

RT: 14.62 min Scan# 2046

Delta R.T. -0.01 min

Lab File: BM006880.D

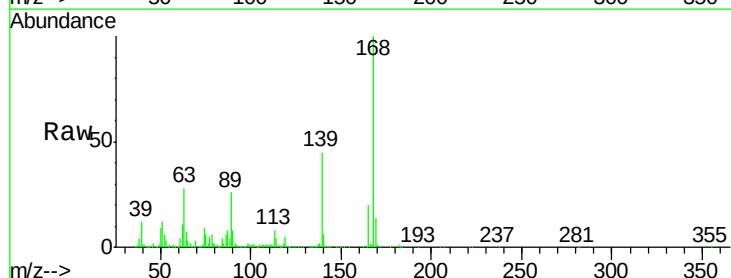
Acq: 05 Aug 2016 01:09

Tgt Ion:168 Resp: 1476935

Ion Ratio Lower Upper

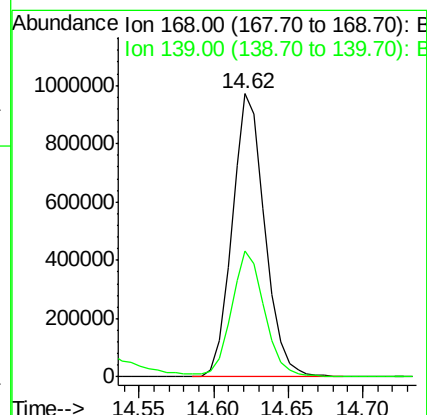
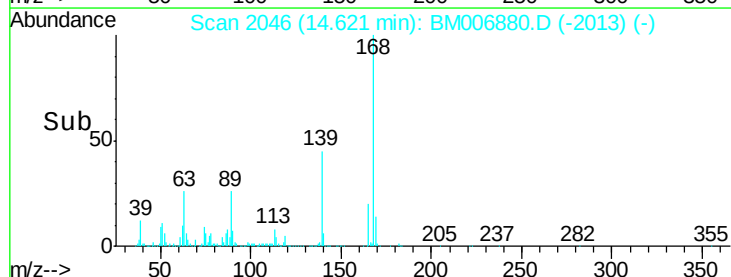
168 100

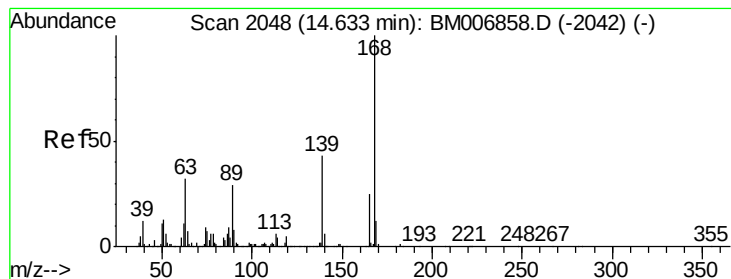
139 44.6 35.8 53.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 19.67 ng/ul

RT: 14.63 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

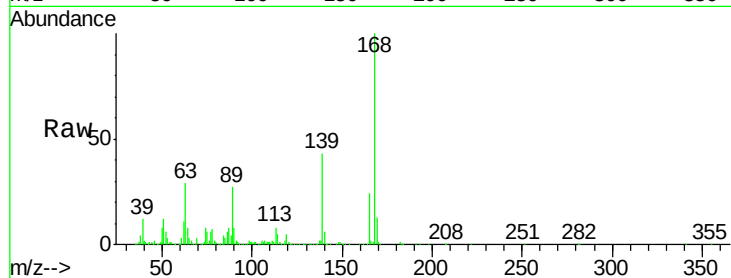
Tgt Ion:165 Resp: 356342

Ion Ratio Lower Upper

165 100

63 121.1 104.1 156.1

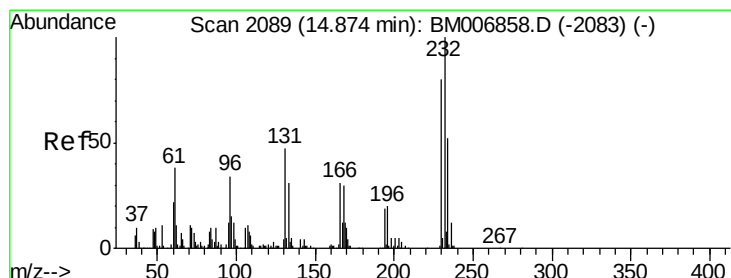
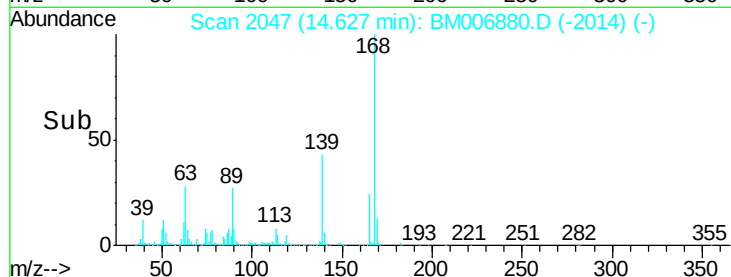
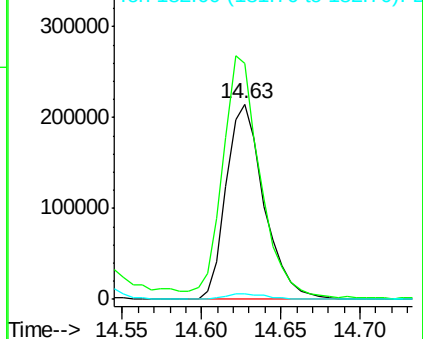
182 3.2 1.8 2.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 18.12 ng/ul

RT: 14.87 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Tgt Ion:232 Resp: 321545

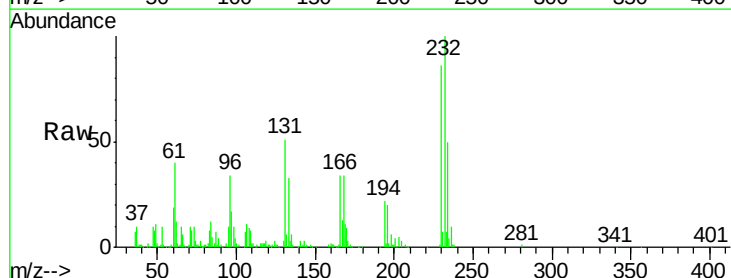
Ion Ratio Lower Upper

232 100

131 51.2 34.8 52.2

130 3.1 3.9 5.9#

166 33.6 22.7 34.1

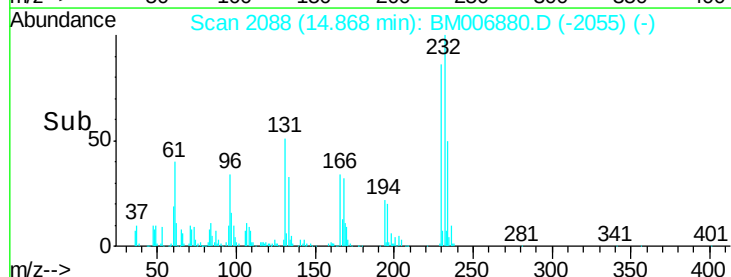
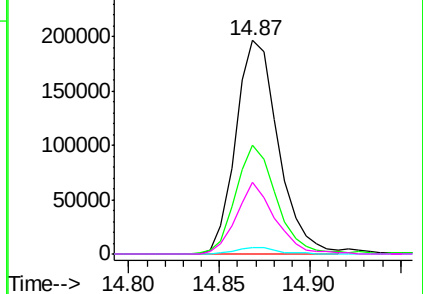


Abundance Ion 232.00 (231.70 to 232.70): E

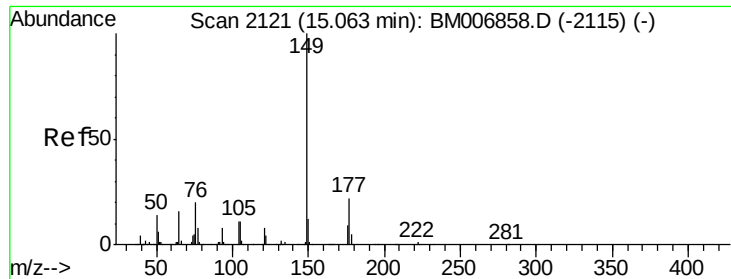
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



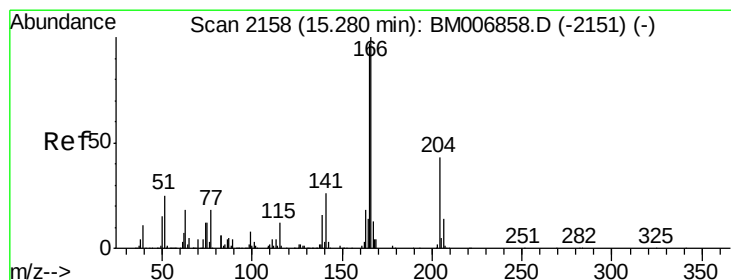
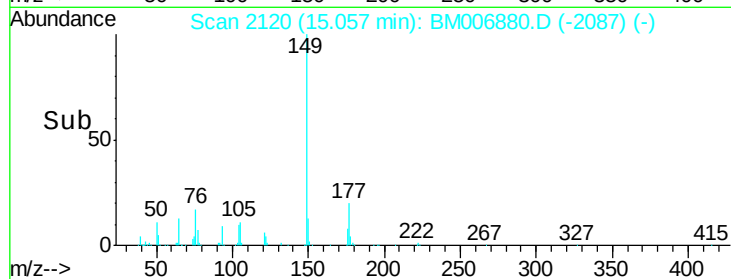
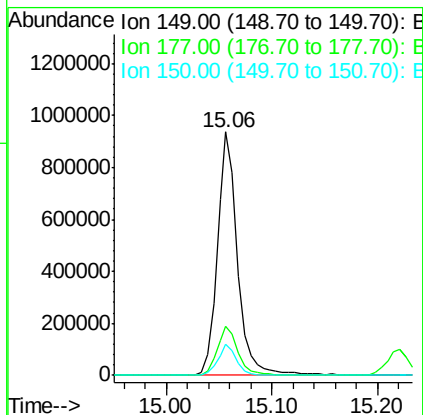
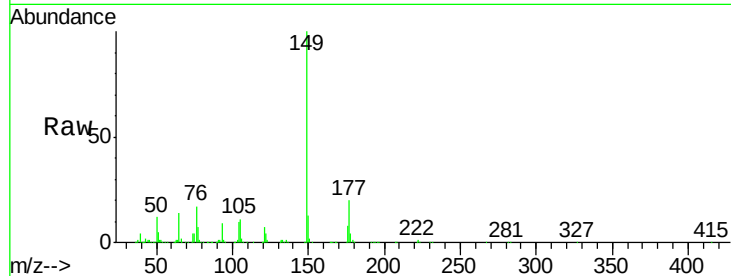




#56  
Diethylphthalate  
Concen: 20.52 ng/ul  
RT: 15.06 min Scan# 2120  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

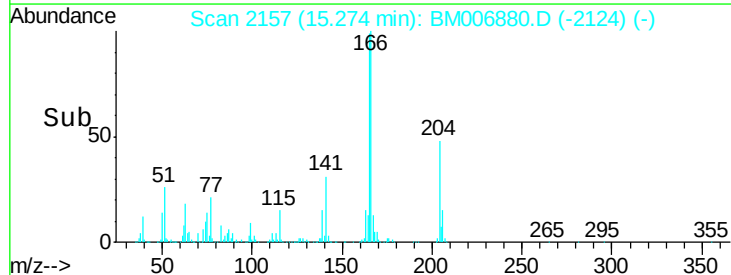
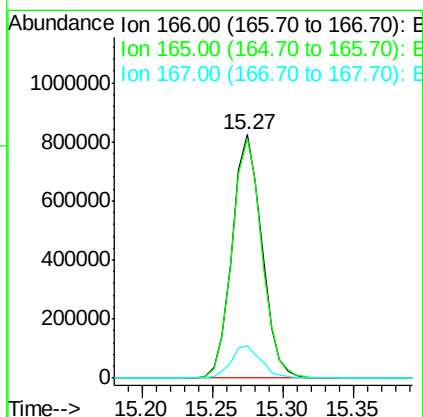
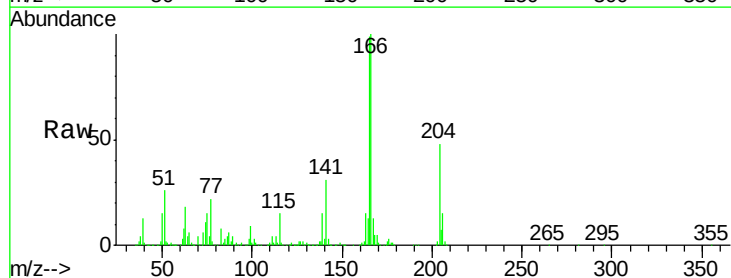
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

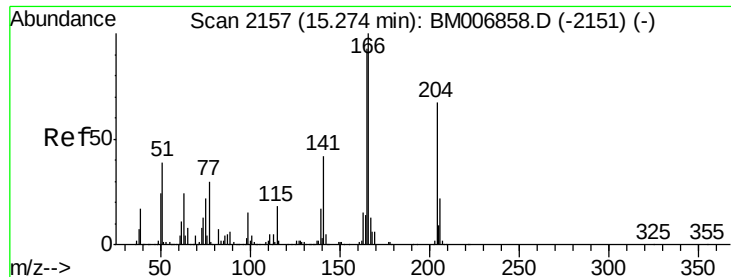
Tgt Ion:149 Resp: 1252712  
Ion Ratio Lower Upper  
149 100  
177 20.0 18.3 27.5  
150 12.5 10.2 15.2



#58  
Fluorene  
Concen: 19.42 ng/ul  
RT: 15.27 min Scan# 2157  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion:166 Resp: 1208726  
Ion Ratio Lower Upper  
166 100  
165 98.6 79.8 119.6  
167 13.5 10.5 15.7

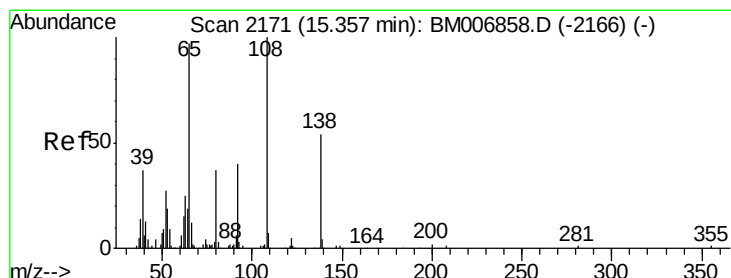
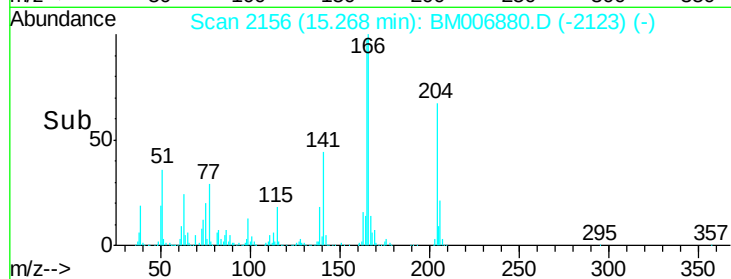
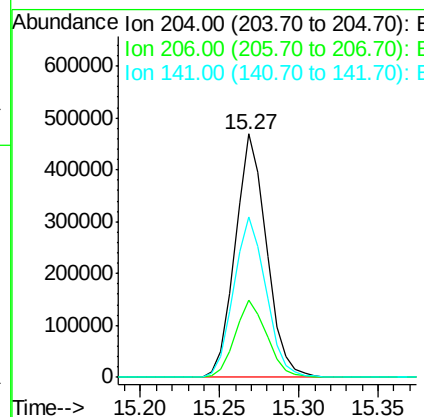
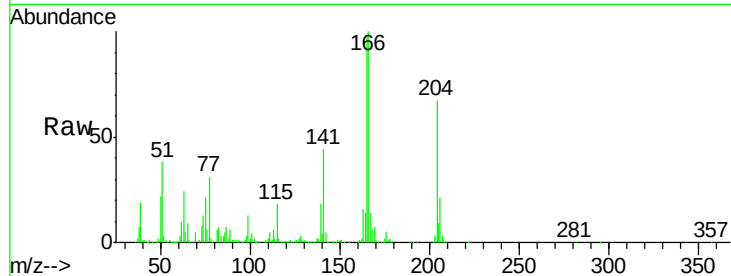




#59  
4-Chlorophenyl-phenylether  
Concen: 18.42 ng/ul  
RT: 15.27 min Scan# 2156  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

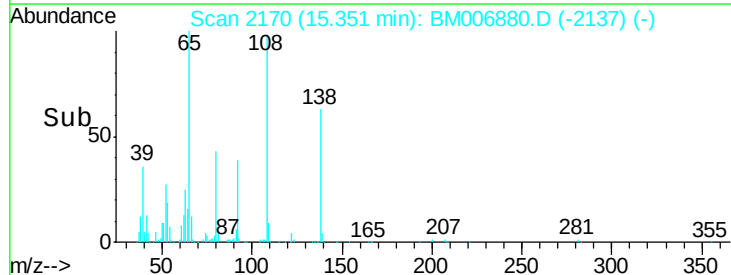
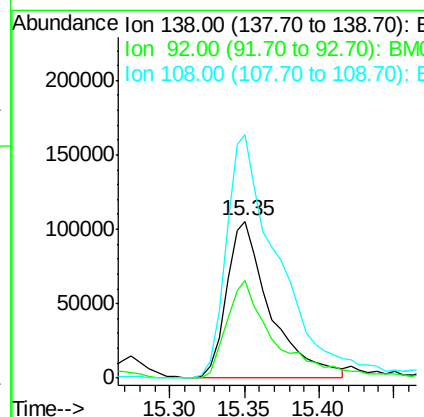
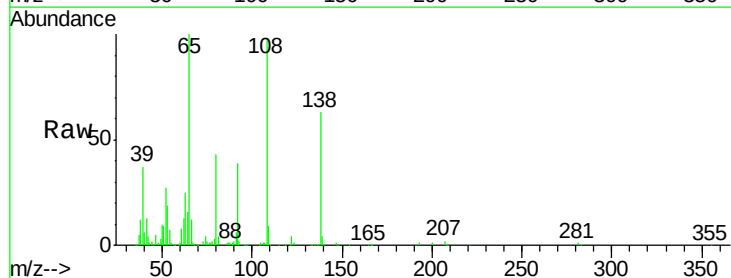
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

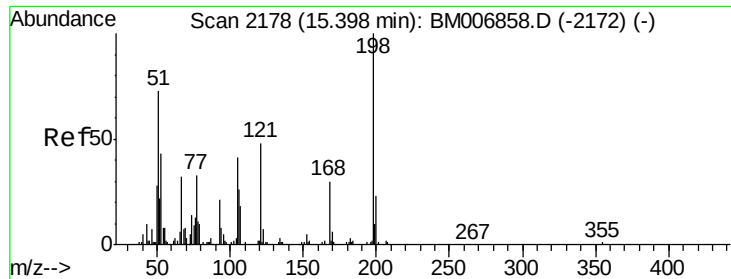
Tgt Ion:204 Resp: 643901  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.4 39.6  
141 65.9 53.8 80.6



#60  
4-Nitroaniline  
Concen: 21.33 ng/ul  
RT: 15.35 min Scan# 2170  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion:138 Resp: 214953  
Ion Ratio Lower Upper  
138 100  
92 62.5 56.6 84.8  
108 155.4 171.4 257.0#

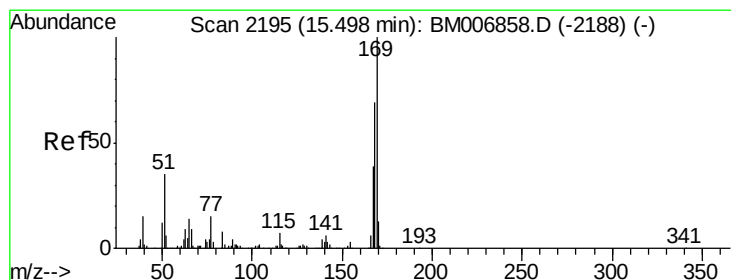
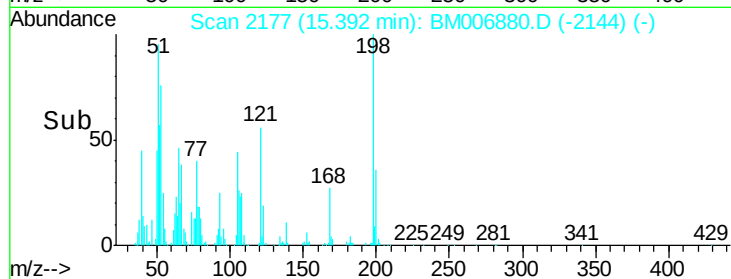
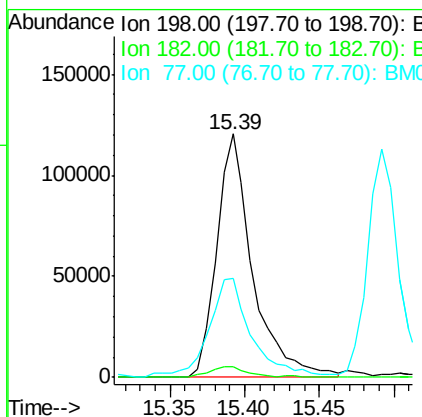
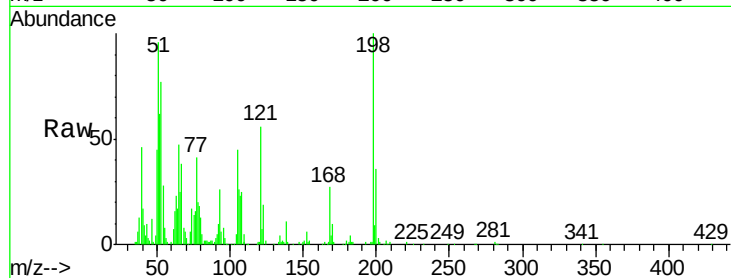




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 17.72 ng/ul  
 RT: 15.39 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

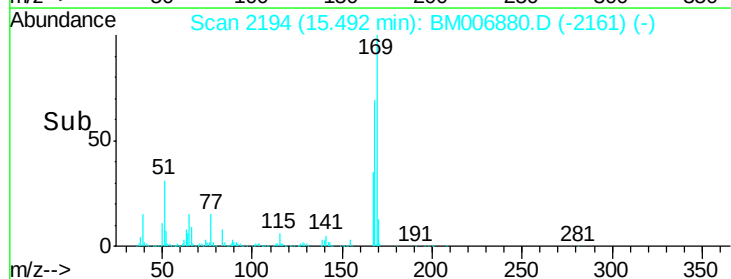
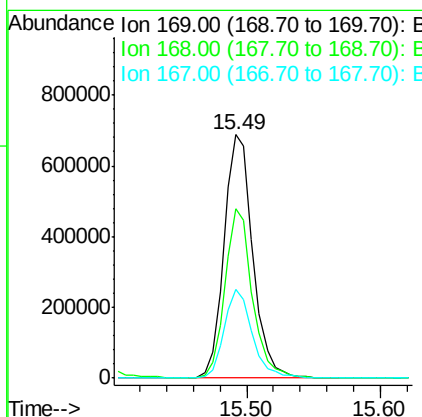
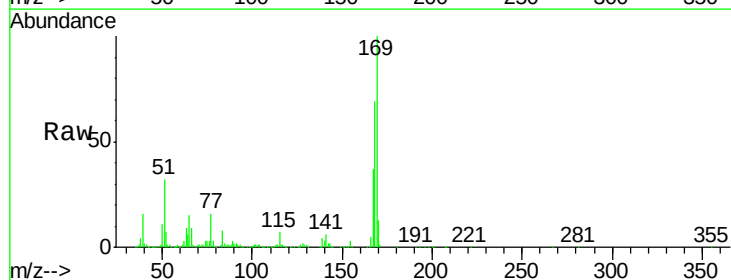
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02055

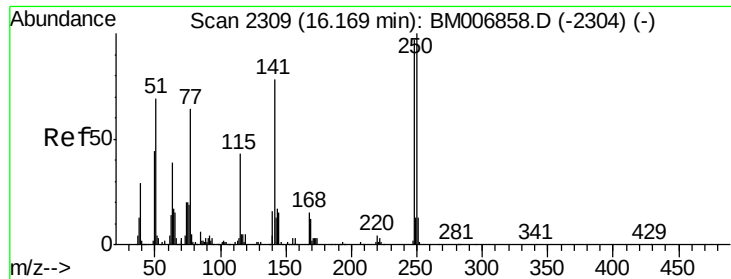
Tgt Ion:198 Resp: 202683  
 Ion Ratio Lower Upper  
 198 100  
 182 4.3 3.8 5.8  
 77 40.7 33.3 49.9



#64  
 N-Nitrosodiphenylamine  
 Concen: 21.40 ng/ul  
 RT: 15.49 min Scan# 2194  
 Delta R.T. -0.01 min  
 Lab File: BM006880.D  
 Acq: 05 Aug 2016 01:09

Tgt Ion:169 Resp: 1039086  
 Ion Ratio Lower Upper  
 169 100  
 168 69.5 50.7 76.1  
 167 36.7 29.5 44.3

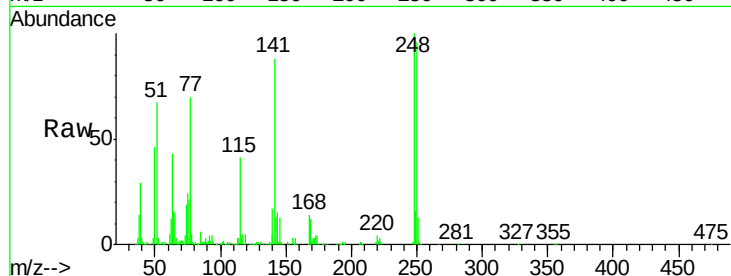




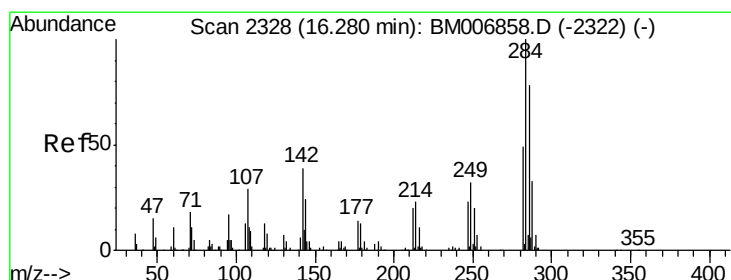
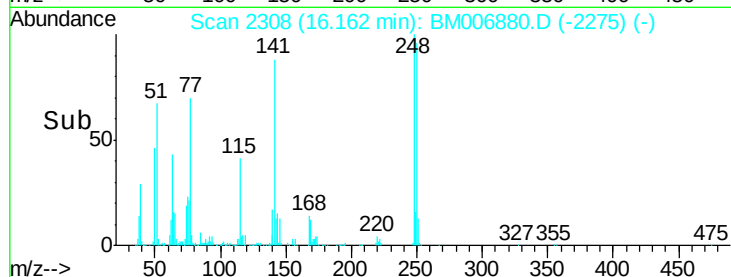
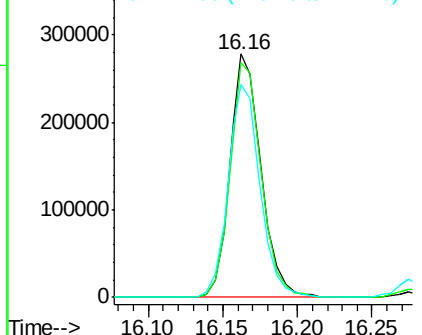
#65  
4-Bromophenyl-phenylether  
Concen: 19.41 ng/ul  
RT: 16.16 min Scan# 2308  
Delta R.T. -0.01 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02055

Tgt Ion:248 Resp: 403788  
Ion Ratio Lower Upper  
248 100  
250 96.1 84.1 126.1  
141 87.7 71.2 106.8

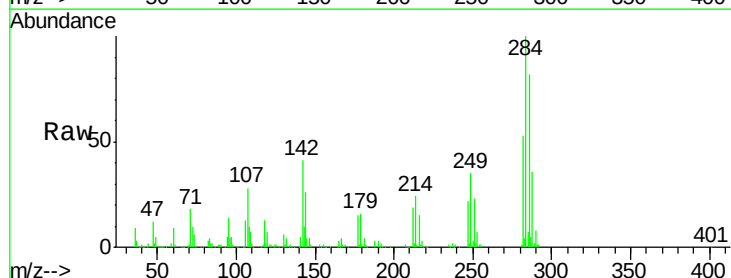


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

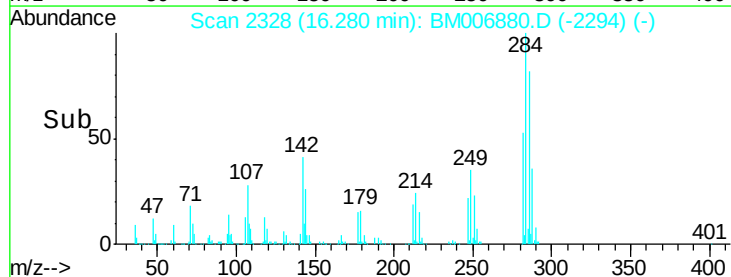
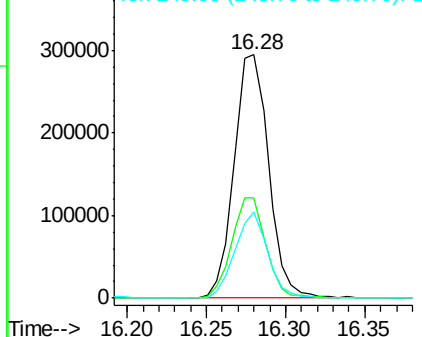


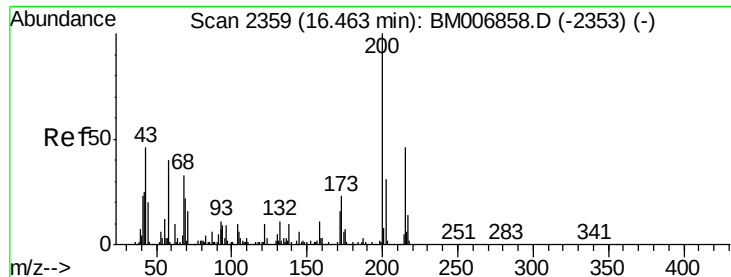
#66  
Hexachlorobenzene  
Concen: 19.80 ng/ul  
RT: 16.28 min Scan# 2328  
Delta R.T. -0.00 min  
Lab File: BM006880.D  
Acq: 05 Aug 2016 01:09

Tgt Ion:284 Resp: 447024  
Ion Ratio Lower Upper  
284 100  
142 40.9 29.3 43.9  
249 35.2 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: 18.61 ng/ul

RT: 16.46 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

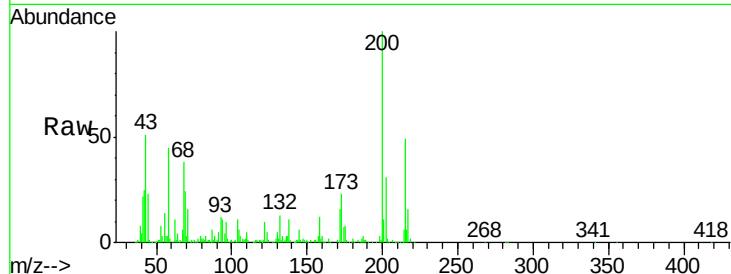
Tgt Ion:200 Resp: 386647

Ion Ratio Lower Upper

200 100

173 22.9 17.0 25.6

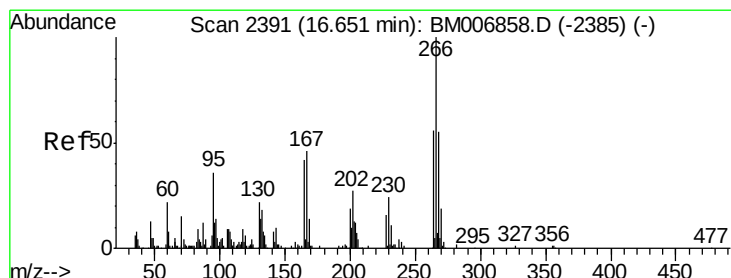
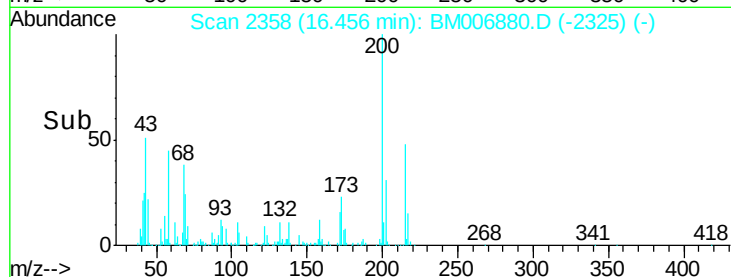
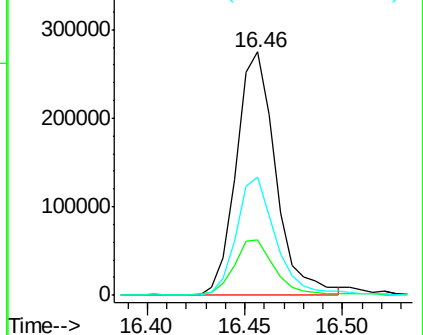
215 48.6 35.8 53.8



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: 16.90 ng/ul

RT: 16.64 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

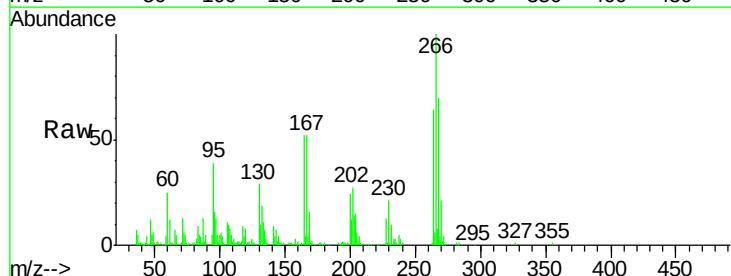
Tgt Ion:266 Resp: 210929

Ion Ratio Lower Upper

266 100

264 64.4 48.4 72.6

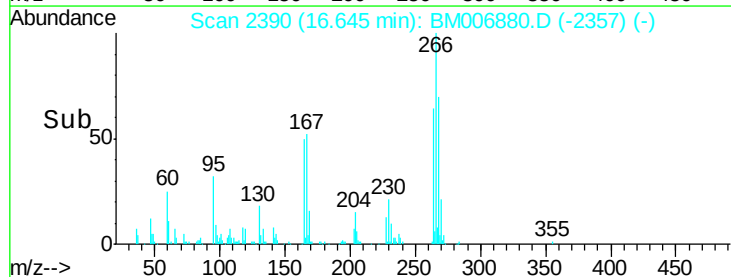
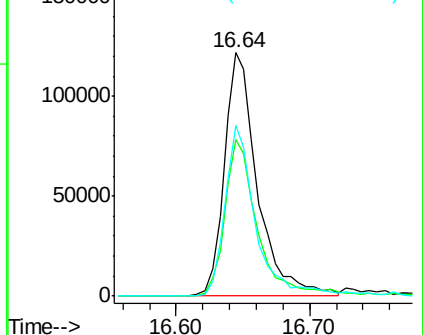
268 70.0 51.4 77.2

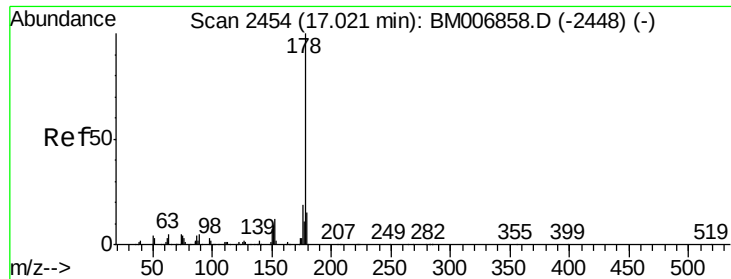


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.38 ng/ul

RT: 17.02 min Scan# 2453

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Instrument :

BNA\_M

ClientSampleId :

SSTD02055

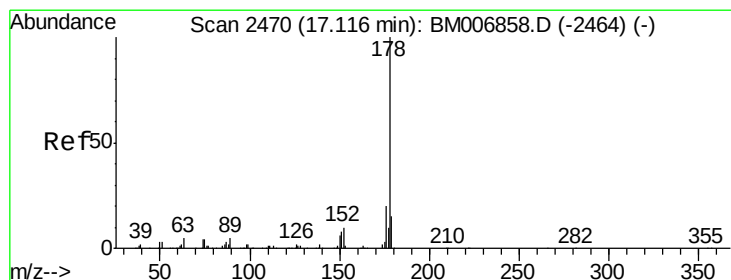
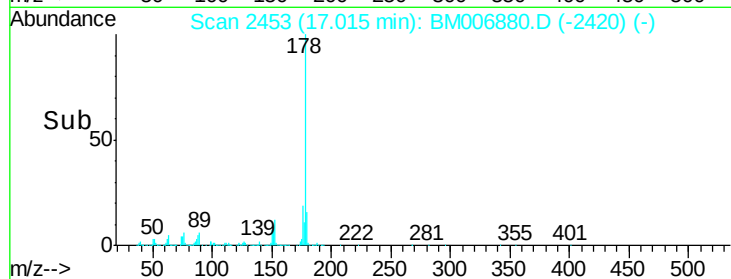
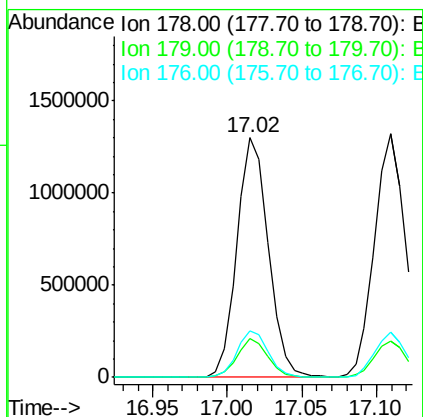
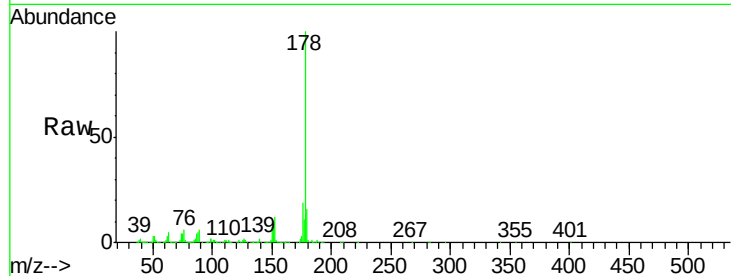
Tgt Ion:178 Resp: 1905805

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.2

176 19.3 15.2 22.8



#71

Anthracene

Concen: 20.25 ng/ul

RT: 17.11 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BM006880.D

Acq: 05 Aug 2016 01:09

Tgt Ion:178 Resp: 1954619

Ion Ratio Lower Upper

178 100

179 14.8 12.9 19.3

176 18.6 14.0 21.0

