

Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\  
 Data File : BM003876.D  
 Acq On : 30 Dec 2015 12:46  
 Operator : SJ/UM  
 Sample : SSTD08041  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08041

Quant Time: Dec 30 13:31:53 2015  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010116.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 30 13:02:01 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.67  | 152  | 52806    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.46 | 136  | 223643   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 14.33 | 164  | 114294   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 17.08 | 188  | 223055   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 21.28 | 240  | 211117   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.52 | 264  | 216876   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 35270  | 35.98 | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.86  | 99  | 348080 | 78.22 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.01  | 67  | 195364 | 82.38 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.21  | 132 | 293088 | 80.69 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.40  | 113 | 276314 | 71.68 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.84  | 128 | 141537 | 87.25 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.56  | 143 | 155933 | 85.42 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 261037 | 78.34 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.61 | 131 | 329212 | 74.20 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.75 | 166 | 664449 | 70.34 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 14.02 | 160 | 859101 | 79.88 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.56 | 143 | 125402 | 68.15 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 15.33 | 176 | 556304 | 71.18 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 108215 | 86.08 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 17.18 | 188 | 783307 | 77.18 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.48 | 212 | 785552 | 85.19 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 23.38 | 264 | 839834 | 77.95 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |       | Ovalue |
|--------------------------------|-------|-----|--------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.17  | 88  | 41886  | 36.39 | ng/uL | 95     |
| 4) Benzaldehyde                | 6.82  | 77  | 194852 | 75.90 | ng/ul | 98     |
| 6) Phenol                      | 6.89  | 94  | 366683 | 78.22 | ng/ul | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 272924 | 78.81 | ng/ul | 97     |
| 10) 2-Chlorophenol             | 7.25  | 128 | 301730 | 79.94 | ng/ul | 98     |
| 11) 2-Methylphenol             | 8.13  | 108 | 278007 | 74.92 | ng/ul | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.21  | 45  | 297289 | 85.06 | ng/ul | 97     |
| 14) Acetophenone               | 8.50  | 105 | 424768 | 70.55 | ng/ul | 97     |
| 15) N-Nitroso-di-n-propylamine | 8.50  | 70  | 210205 | 72.07 | ng/ul | 97     |
| 16) 4-Methylphenol             | 8.46  | 108 | 298436 | 72.15 | ng/ul | 98     |
| 17) Hexachloroethane           | 8.75  | 117 | 117661 | 81.95 | ng/ul | 98     |
| 20) Nitrobenzene               | 8.88  | 77  | 321784 | 85.86 | ng/ul | 99     |
| 21) Isophorone                 | 9.40  | 82  | 574322 | 76.88 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.59  | 139 | 169562 | 83.75 | ng/ul | 97     |
| 24) 2,4-Dimethylphenol         | 9.65  | 107 | 323488 | 78.06 | ng/ul | 99     |
| 25) Bis(2-Chloroethoxy)methane | 9.88  | 93  | 352450 | 78.28 | ng/ul | 99     |
| 27) 2,4-Dichlorophenol         | 10.12 | 162 | 268152 | 77.45 | ng/ul | 99     |
| 28) Naphthalene                | 10.52 | 128 | 892940 | 77.50 | ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.63 | 127 | 333848 | 74.43 | ng/ul | 99     |
| 31) Hexachlorobutadiene        | 10.79 | 225 | 164674 | 77.25 | ng/ul | 99     |
| 32) Caprolactam                | 11.42 | 113 | 47739  | 36.91 | ng/ul | 98     |
| 33) 4-Chloro-3-methylphenol    | 11.77 | 107 | 284899 | 70.13 | ng/ul | 98     |
| 34) 2-Methylnaphthalene        | 12.13 | 142 | 613233 | 71.26 | ng/ul | 99     |

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 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Dec 30 13:02:01 2015  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 35) 1-Methylnaphthalene        | 12.36 | 142  | 578565   | 70.78  | ng/ul | 99       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.51 | 216  | 297295   | 85.97  | ng/ul | 99       |
| 38) Hexachlorocyclopentadiene  | 12.49 | 237  | 177767   | 95.97  | ng/ul | 99       |
| 39) 2,4,6-Trichlorophenol      | 12.76 | 196  | 194170   | 83.09  | ng/ul | 100      |
| 40) 2,4,5-Trichlorophenol      | 12.83 | 196  | 206153   | 79.86  | ng/ul | 99       |
| 41) 1,1'-Biphenyl              | 13.16 | 154  | 754160   | 81.24  | ng/ul | 98       |
| 42) 2-Chloronaphthalene        | 13.20 | 162  | 577833   | 82.89  | ng/ul | 99       |
| 43) 2-Nitroaniline             | 13.42 | 65   | 165795   | 85.90  | ng/ul | 98       |
| 45) Dimethylphthalate          | 13.79 | 163  | 677287   | 70.09  | ng/ul | 100      |
| 46) 2,6-Dinitrotoluene         | 13.92 | 165  | 146694   | 77.91  | ng/ul | 98       |
| 48) Acenaphthylene             | 14.05 | 152  | 921551   | 78.37  | ng/ul | 99       |
| 49) 3-Nitroaniline             | 14.25 | 138  | 146533   | 69.76  | ng/ul | 98       |
| 50) Acenaphthene               | 14.40 | 153  | 600401   | 76.45  | ng/ul | 99       |
| 51) 2,4-Dinitrophenol          | 14.46 | 184  | 77152    | 77.27  | ng/ul | 96       |
| 53) 4-Nitrophenol              | 14.57 | 109  | 98373    | 63.17  | ng/ul | 93       |
| 54) Dibenzofuran               | 14.73 | 168  | 820757   | 73.22  | ng/ul | 99       |
| 55) 2,4-Dinitrotoluene         | 14.71 | 165  | 202097   | 70.67  | ng/ul | 94       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 159455   | 71.67  | ng/ul | 99       |
| 57) Diethylphthalate           | 15.16 | 149  | 666936   | 65.23  | ng/ul | 100      |
| 59) Fluorene                   | 15.39 | 166  | 618603   | 68.75  | ng/ul | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.37 | 204  | 300214   | 68.75  | ng/ul | 98       |
| 61) 4-Nitroaniline             | 15.42 | 138  | 158270   | 67.82  | ng/ul | 95       |
| 64) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 114685   | 85.16  | ng/ul | 97       |
| 65) N-Nitrosodiphenylamine     | 15.59 | 169  | 550178   | 84.27  | ng/ul | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.27 | 248  | 183046   | 82.42  | ng/ul | 97       |
| 67) Hexachlorobenzene          | 16.39 | 284  | 199164   | 80.63  | ng/ul | 99       |
| 68) Atrazine                   | 16.55 | 200  | 188364   | 75.10  | ng/ul | 99       |
| 69) Pentachlorophenol          | 16.73 | 266  | 104287   | 74.84  | ng/ul | 99       |
| 70) Phenanthrene               | 17.12 | 178  | 941924   | 76.34  | ng/ul | 100      |
| 72) Anthracene                 | 17.22 | 178  | 966608   | 76.81  | ng/ul | 99       |
| 73) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216  | 310943   | 101.72 | ng/uL | 99       |
| 74) Pentachlorobenzene         | 14.65 | 250  | 262226   | 91.07  | ng/uL | 99       |
| 75) Carbazole                  | 17.49 | 167  | 874221   | 76.12  | ng/ul | 99       |
| 76) Di-n-butylphthalate        | 18.05 | 149  | 1026917  | 68.73  | ng/ul | 100      |
| 77) Fluoranthene               | 19.15 | 202  | 1000420  | 70.53  | ng/ul | 97       |
| 80) Pvrene                     | 19.51 | 202  | 1014455  | 83.49  | ng/ul | 97       |
| 81) Butylbenzylphthalate       | 20.42 | 149  | 448727   | 78.09  | ng/ul | 99       |
| 82) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 293121   | 72.63  | ng/ul | 99       |
| 83) Benzo(a)anthracene         | 21.27 | 228  | 963832   | 75.74  | ng/ul | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.19 | 149  | 599445   | 70.09  | ng/ul | 99       |
| 85) Chrysene                   | 21.32 | 228  | 910086   | 74.15  | ng/ul | 100      |
| 87) Di-n-octyl phthalate       | 22.07 | 149  | 1088359  | 72.63  | ng/ul | 100      |
| 88) Benzo(b)fluoranthene       | 22.85 | 252  | 967924   | 74.03  | ng/ul | 100      |
| 89) Benzo(k)fluoranthene       | 22.89 | 252  | 956367   | 77.21  | ng/ul | 98       |
| 91) Benzo(a)pyrene             | 23.43 | 252  | 965929   | 77.24  | ng/ul | 99       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.79 | 276  | 1144966  | 85.06  | ng/ul | 97       |
| 93) Dibenzo(a,h)anthracene     | 25.79 | 278  | 953394   | 84.43  | ng/ul | 99       |
| 94) Benzo(a,h,i)perylene       | 26.47 | 276  | 980159   | 88.66  | ng/ul | 99       |

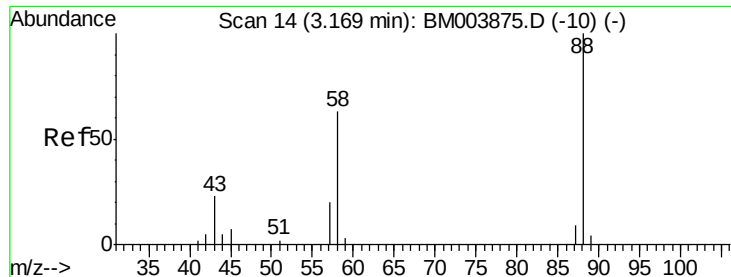
Data Path : Z:\HPCHEM1\BNA M\DATA\BM010116\  
Data File : BM003876.D  
Acq On : 30 Dec 2015 12:46  
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ALS Vial : 7 Sample Multiplier: 1

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QLast Update : Wed Dec 30 13:02:01 2015  
Response via : Initial Calibration

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





#2

1,4-Dioxane

Concen: 36.39 ng/uL

RT: 3.17 min Scan# 14

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

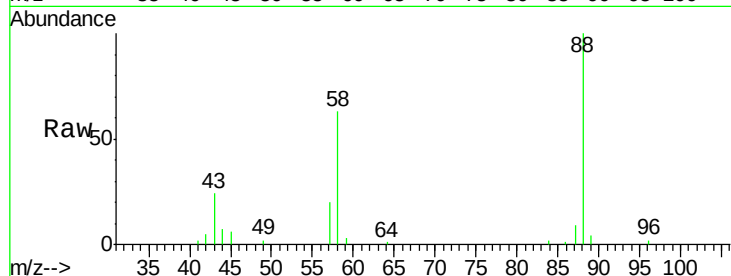
Tot Ion: 88 Resp: 41886

Ion Ratio Lower Upper

88 100

43 23.1 21.0 31.6

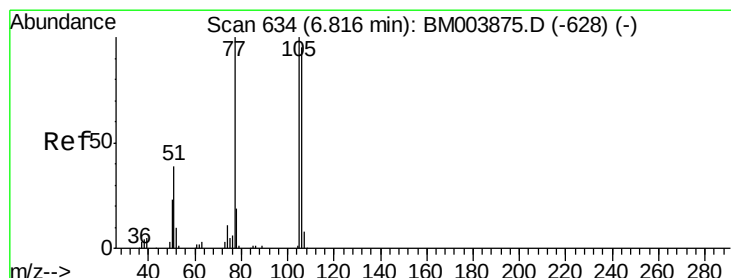
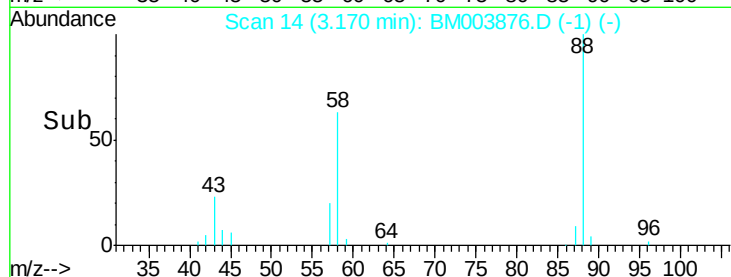
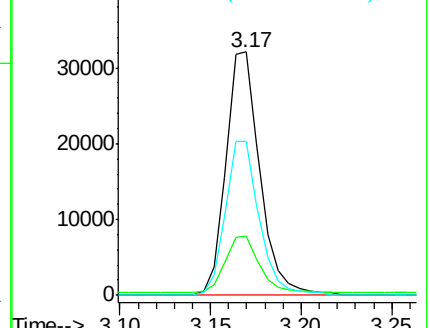
58 63.3 47.8 71.8



Abundance Ion 88.00 (87.70 to 88.70): BM003876.D (-10) (-)

Ion 43.00 (42.70 to 43.70): BM003876.D (-10) (-)

Ion 58.00 (57.70 to 58.70): BM003876.D (-10) (-)



#4

Benzaldehyde

Concen: 75.90 ng/uL

RT: 6.82 min Scan# 634

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

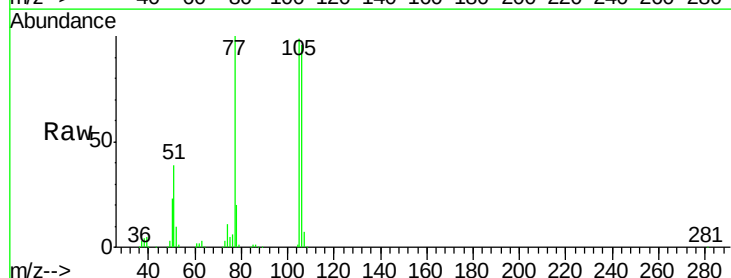
Tgt Ion: 77 Resp: 194852

Ion Ratio Lower Upper

77 100

105 98.9 80.6 120.8

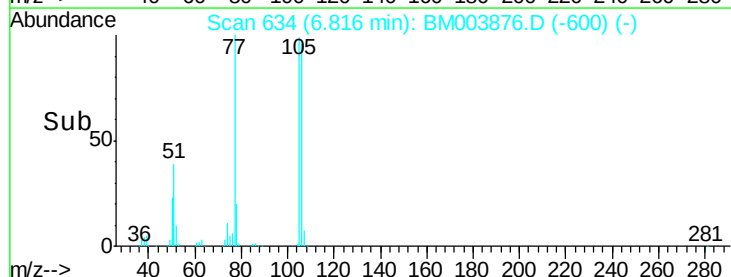
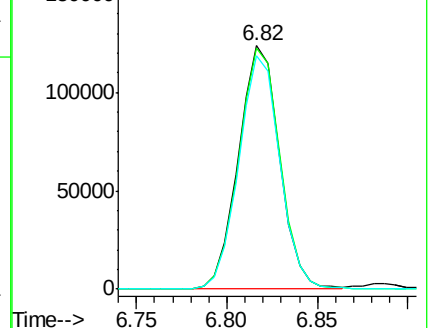
106 95.7 77.7 116.5

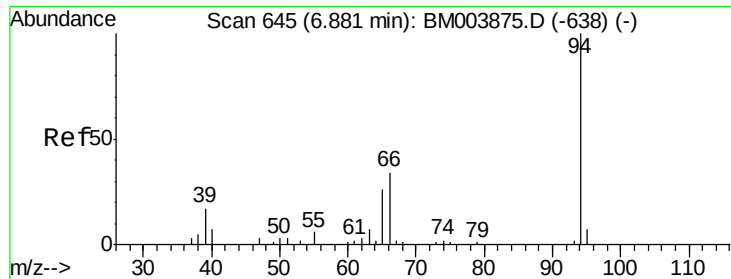


Abundance Ion 77.00 (76.70 to 77.70): BM003876.D (-628) (-)

Ion 105.00 (104.70 to 105.70): BM003876.D (-628) (-)

Ion 106.00 (105.70 to 106.70): BM003876.D (-628) (-)





#6

Phenol

Concen: 78.22 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

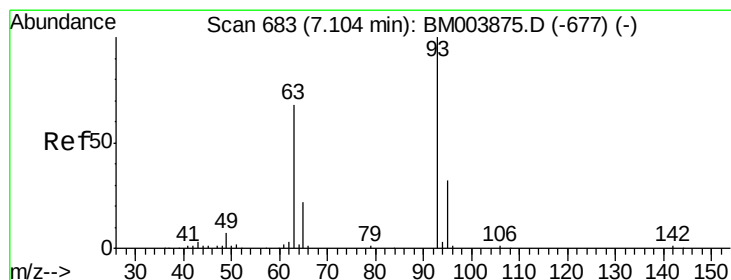
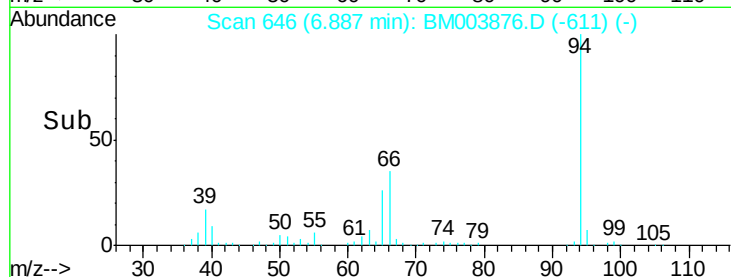
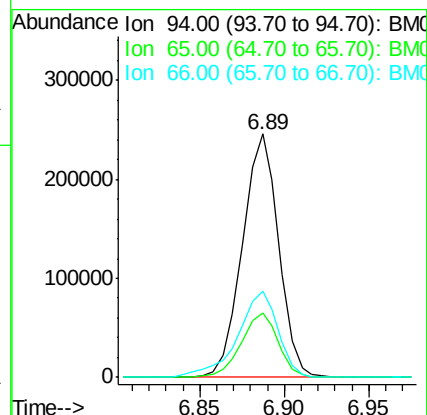
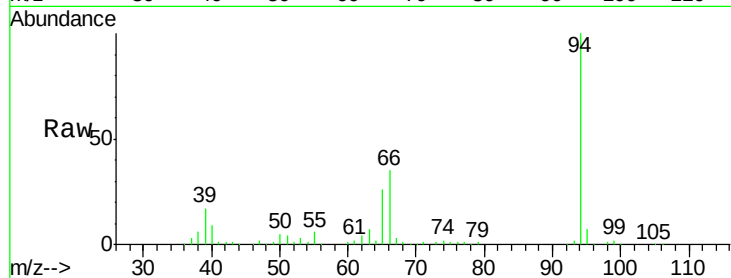
Tot Ion: 94 Resp: 366683

Ion Ratio Lower Upper

94 100

65 26.3 21.0 31.6

66 35.5 29.3 43.9



#8

Bis(2-Chloroethyl)ether

Concen: 78.81 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

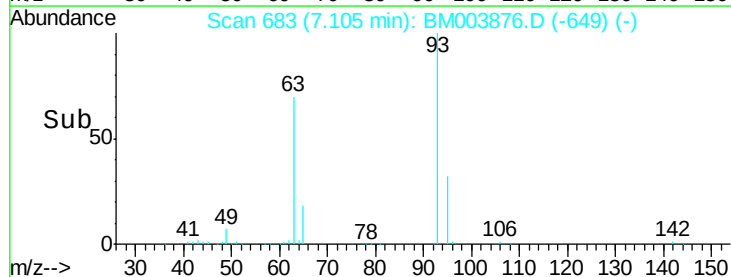
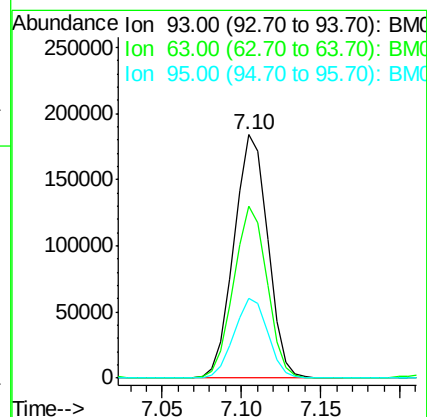
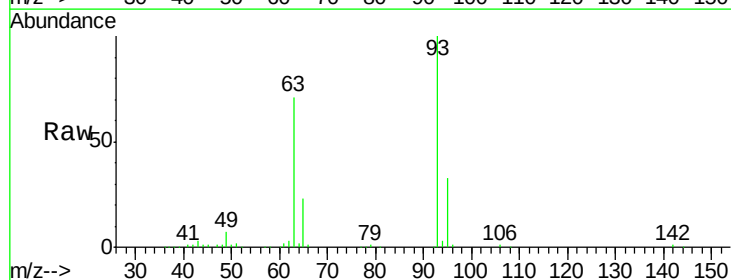
Tgt Ion: 93 Resp: 272924

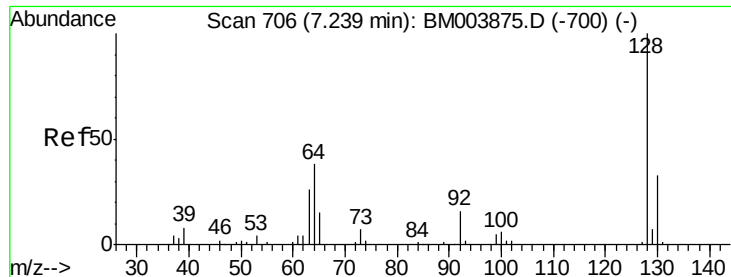
Ion Ratio Lower Upper

93 100

63 70.5 53.5 80.3

95 32.8 26.2 39.2

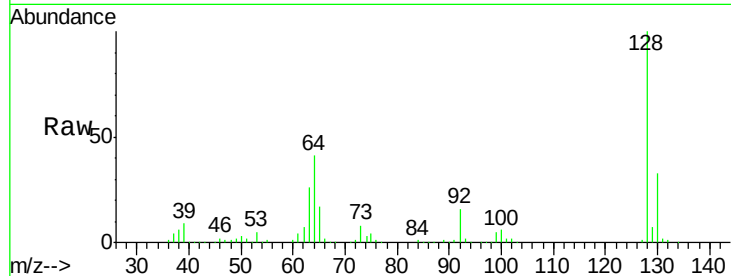




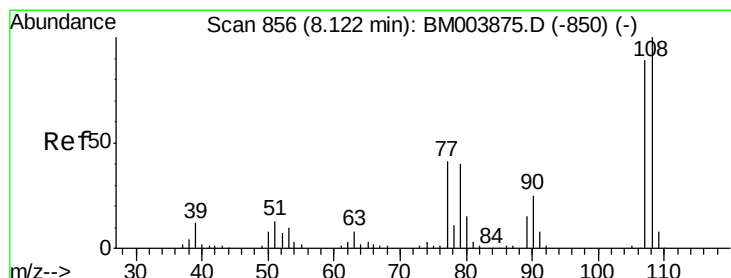
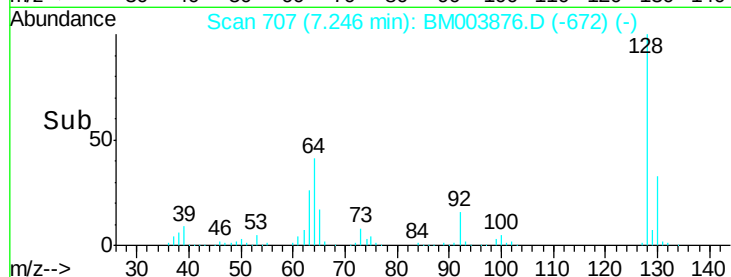
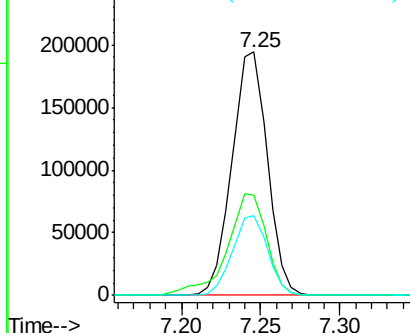
#10  
2-Chlorophenol  
Concen: 79.94 ng/ul  
RT: 7.25 min Scan# 707  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

Tot Ion:128 Resp: 301730  
Ion Ratio Lower Upper  
128 100  
64 41.0 31.9 47.9  
130 32.7 25.6 38.4

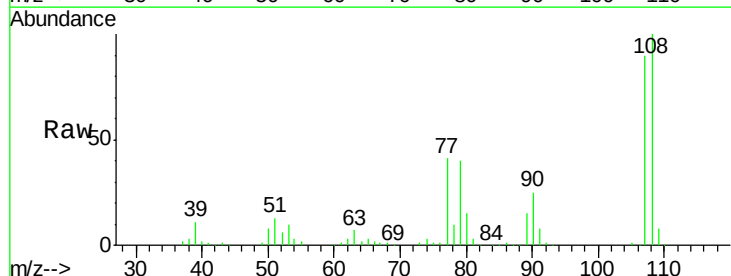


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

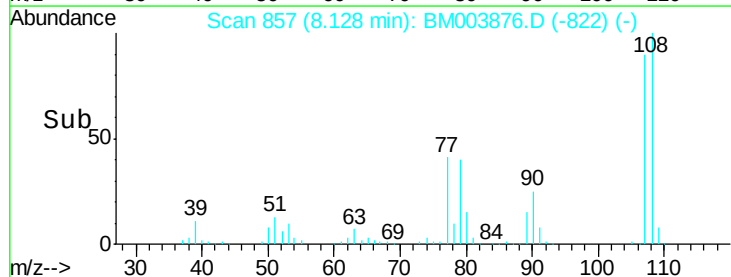
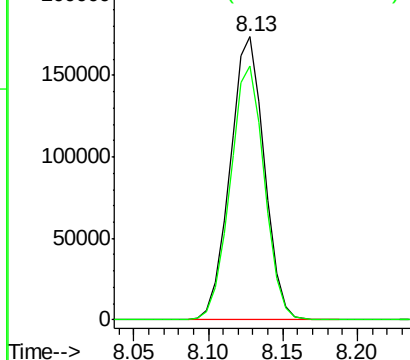


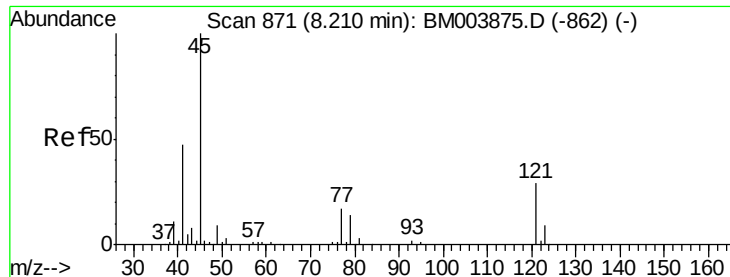
#11  
2-Methylphenol  
Concen: 74.92 ng/ul  
RT: 8.13 min Scan# 857  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:108 Resp: 278007  
Ion Ratio Lower Upper  
108 100  
107 89.6 72.4 108.6



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

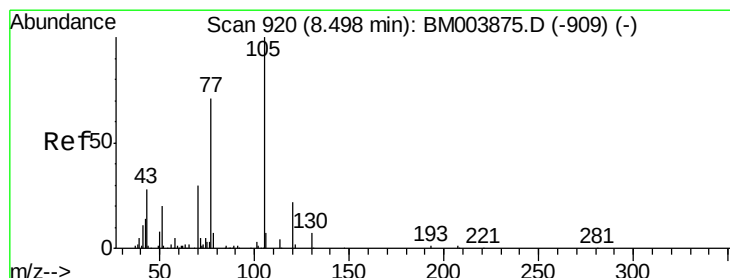
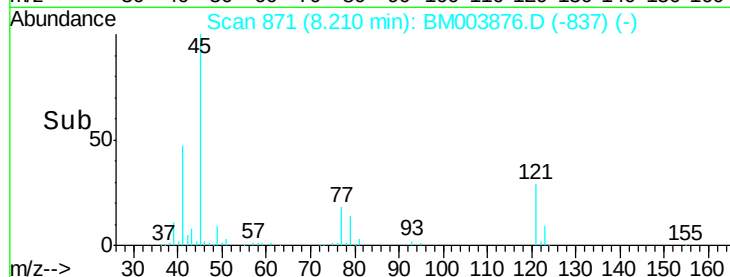
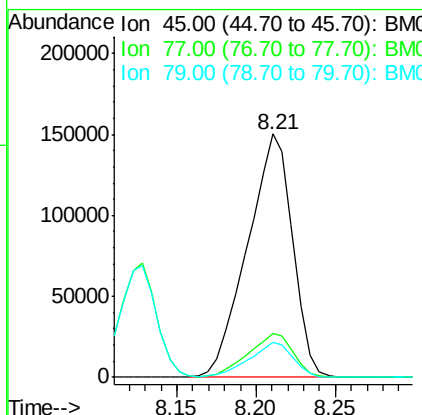
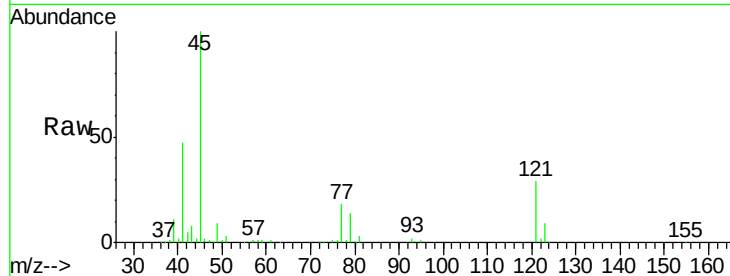




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 85.06 ng/ul  
RT: 8.21 min Scan# 871  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
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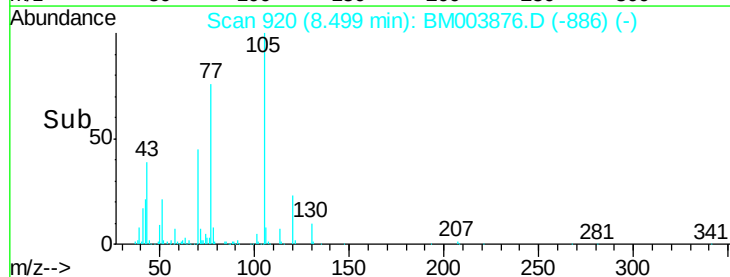
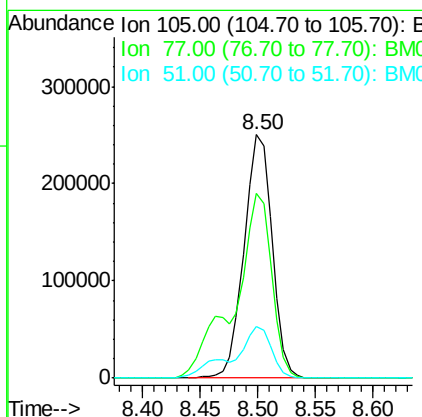
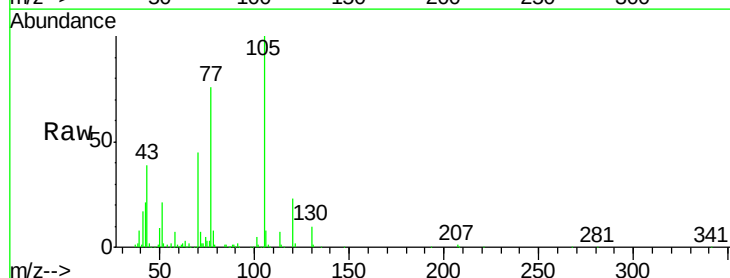
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

| Tot Ion   | 45   | Resp  | 297289 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 18.0 | 15.9  | 23.9   |
| 79        | 14.5 | 12.5  | 18.7   |

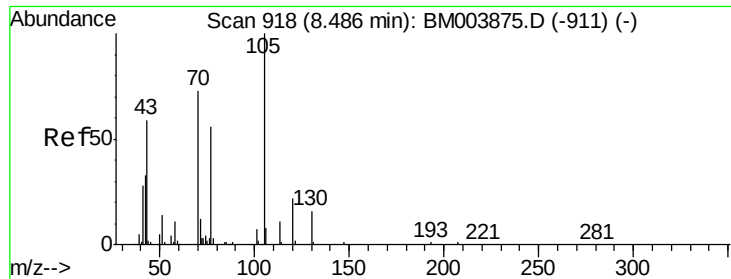


#14  
Acetophenone  
Concen: 70.55 ng/ul  
RT: 8.50 min Scan# 920  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

| Tgt Ion   | 105  | Resp  | 424768 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 77        | 76.0 | 59.0  | 88.4   |
| 51        | 21.4 | 16.4  | 24.6   |







#15

N-Nitroso-di-n-propylamine

Concen: 72.07 ng/ul

RT: 8.50 min Scan# 920

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

Tot Ion: 70 Resp: 210205

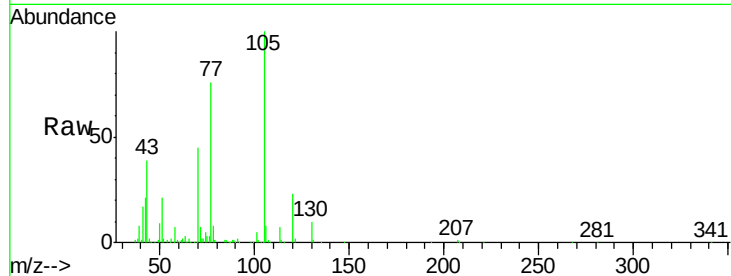
Ion Ratio Lower Upper

70 100

42 46.9 35.4 53.0

101 10.3 8.4 12.6

130 22.5 18.2 27.4

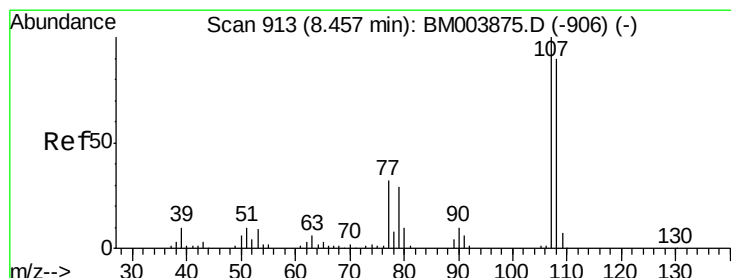
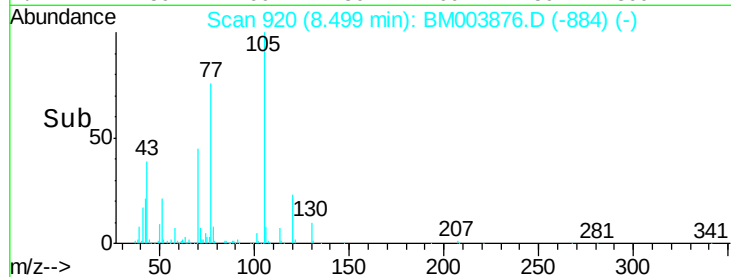
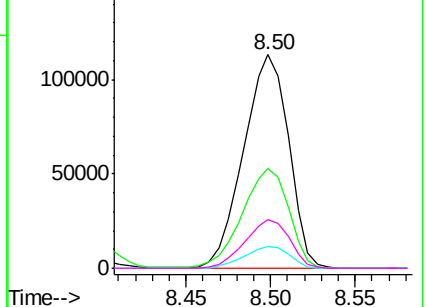


Abundance Ion 70.00 (69.70 to 70.70): BM0

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: 72.15 ng/ul

RT: 8.46 min Scan# 914

Delta R.T. 0.01 min

Lab File: BM003876.D

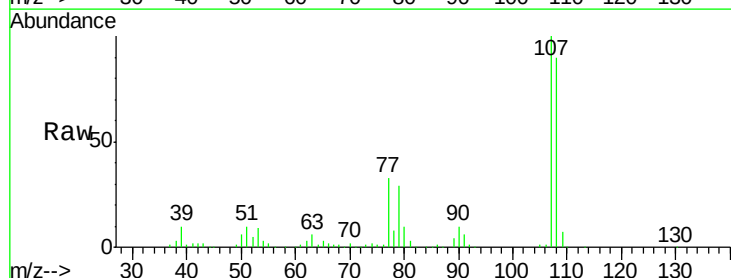
Acq: 30 Dec 2015 12:46

Tgt Ion: 108 Resp: 298436

Ion Ratio Lower Upper

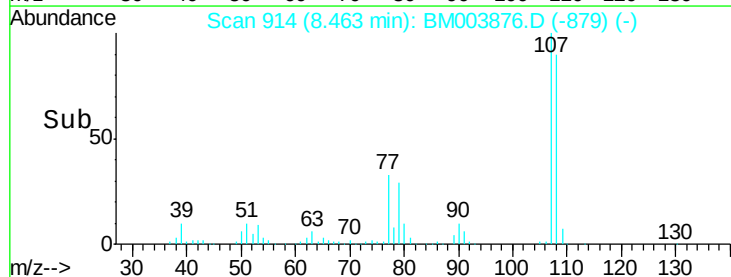
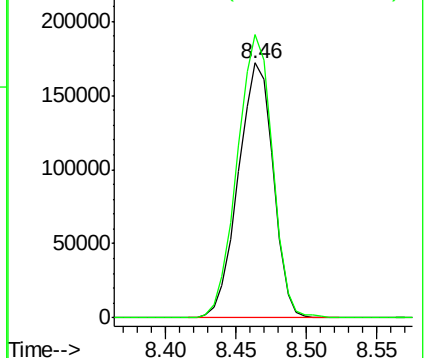
108 100

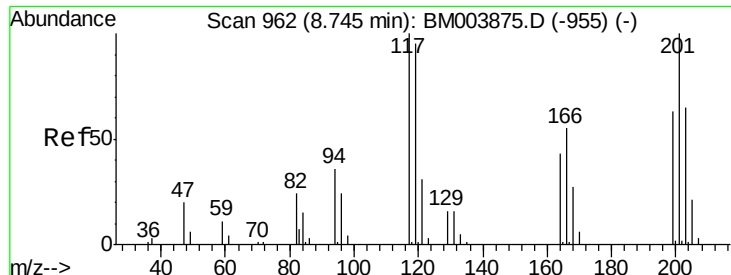
107 111.1 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

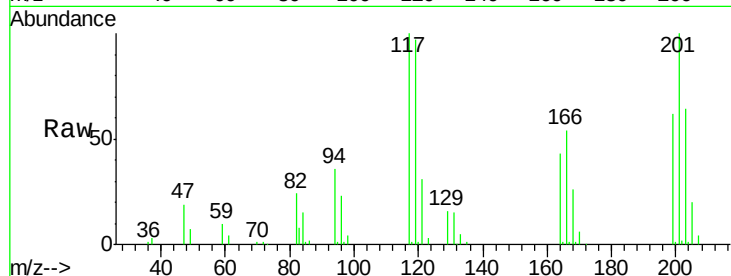




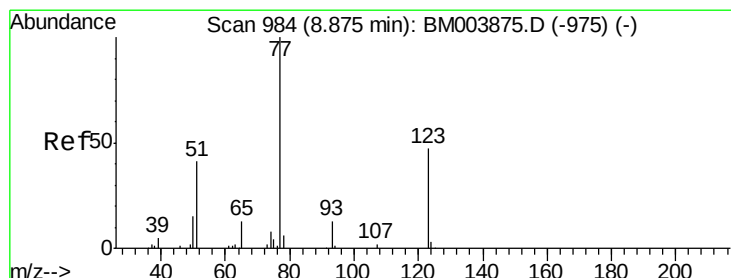
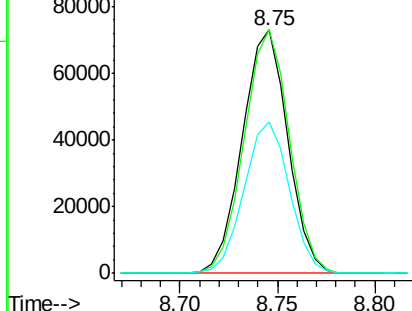
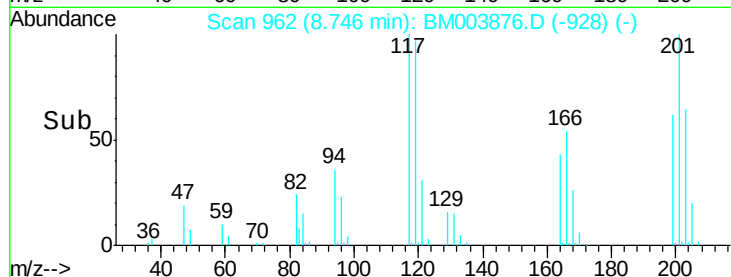
#17  
Hexachloroethane  
Concen: 81.95 ng/ul  
RT: 8.75 min Scan# 962  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

Tot Ion:117 Resp: 117661  
Ion Ratio Lower Upper  
117 100  
201 99.9 81.5 122.3  
199 62.2 50.6 76.0

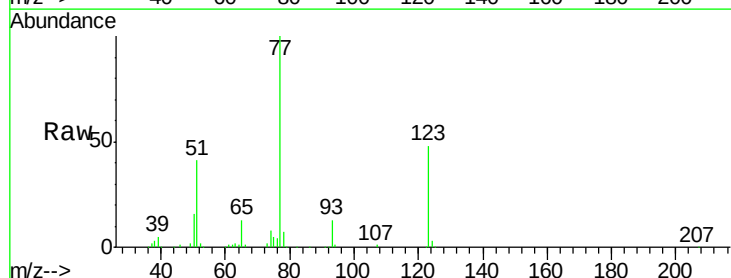


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

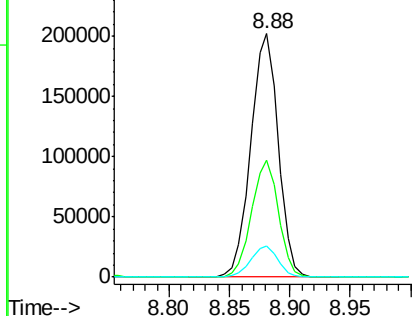
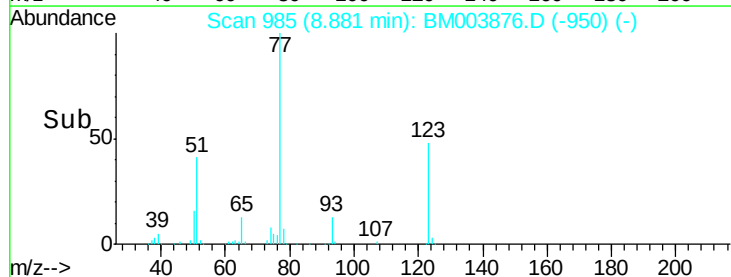


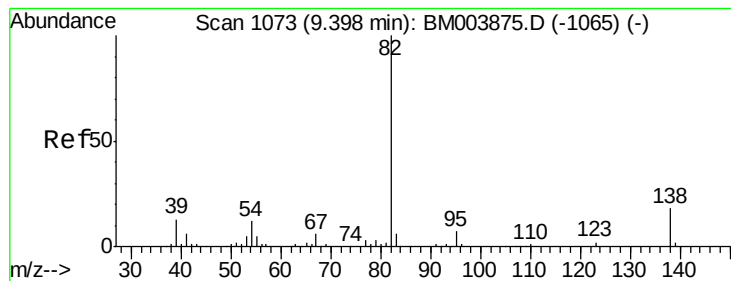
#20  
Nitrobenzene  
Concen: 85.86 ng/ul  
RT: 8.88 min Scan# 985  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion: 77 Resp: 321784  
Ion Ratio Lower Upper  
77 100  
123 48.2 39.0 58.4  
65 13.0 10.4 15.6



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: 76.88 ng/ul

RT: 9.40 min Scan# 1074

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

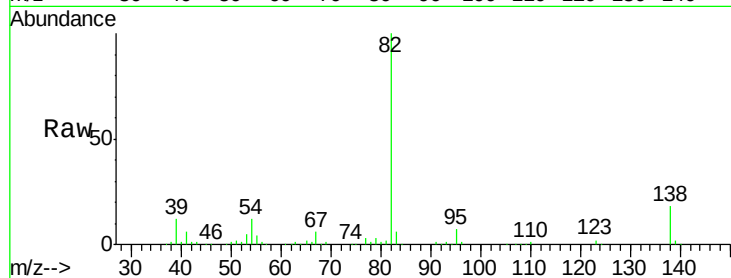
Tot Ion: 82 Resp: 574322

Ion Ratio Lower Upper

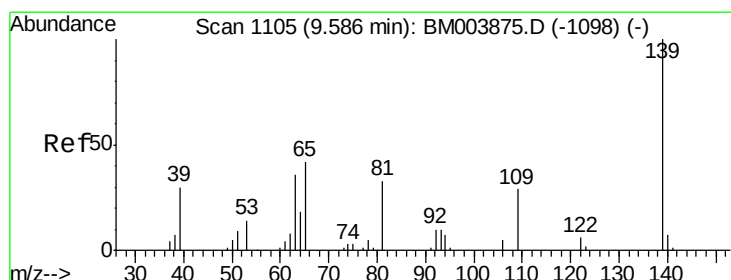
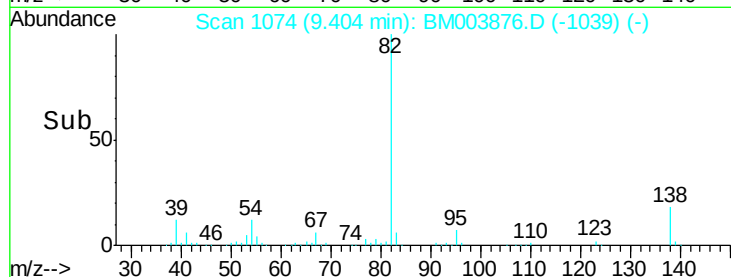
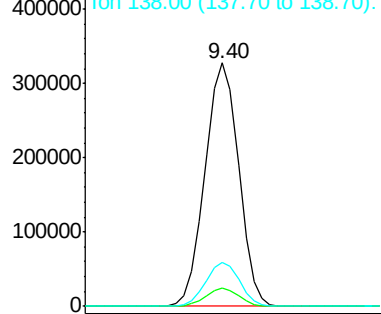
82 100

95 7.5 6.4 9.6

138 18.0 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BM003876.D (-1039) (-)



#23

2-Nitrophenol

Concen: 83.75 ng/ul

RT: 9.59 min Scan# 1105

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

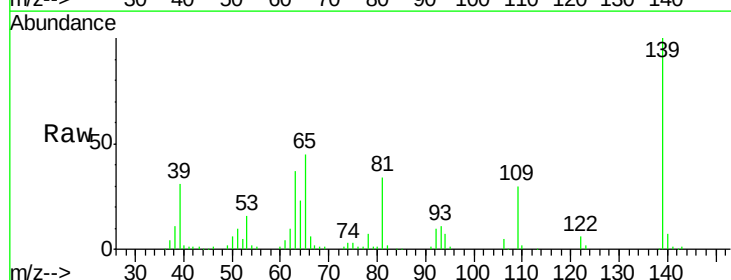
Tgt Ion: 139 Resp: 169562

Ion Ratio Lower Upper

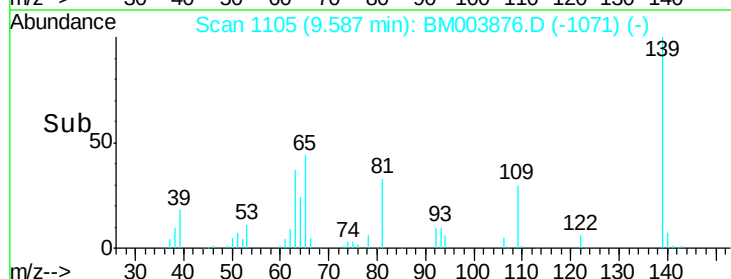
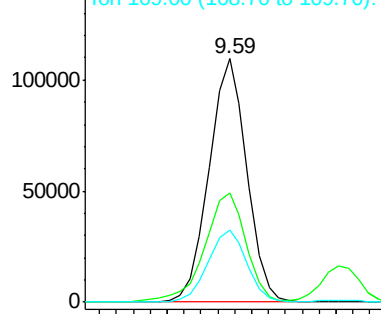
139 100

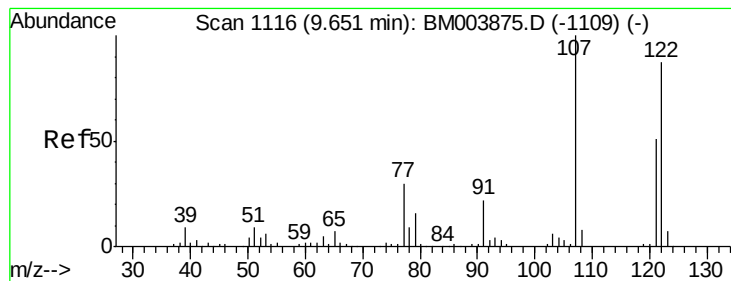
65 45.1 36.3 54.5

109 29.7 26.4 39.6



Abundance Ion 139.00 (138.70 to 139.70): BM003876.D (-1071) (-)





#24

2,4-Dimethylphenol

Concen: 78.06 ng/ul

RT: 9.65 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

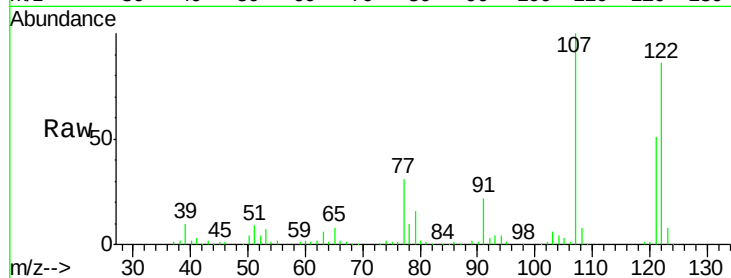
Tot Ion:107 Resp: 323488

Ion Ratio Lower Upper

107 100

121 50.7 40.6 61.0

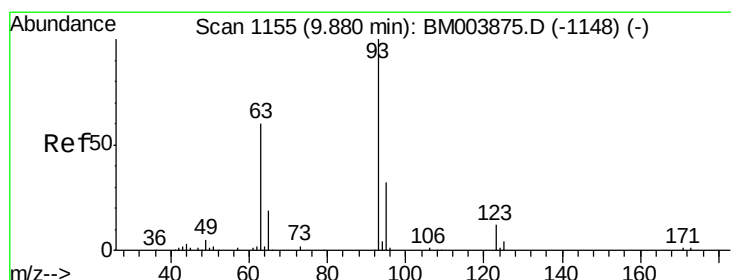
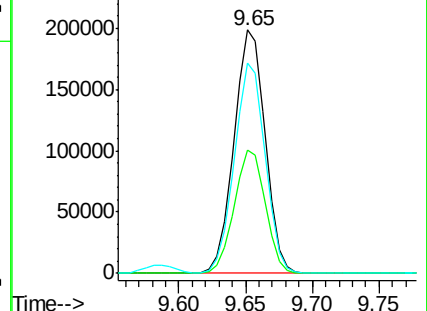
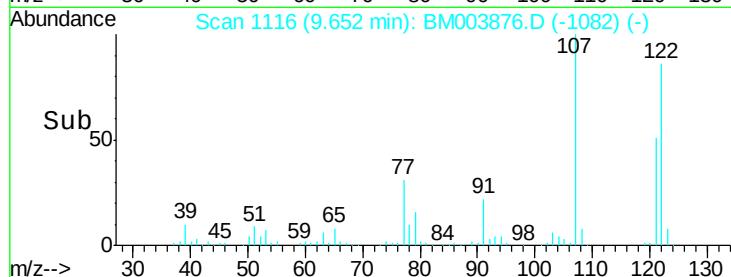
122 86.4 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 78.28 ng/ul

RT: 9.88 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

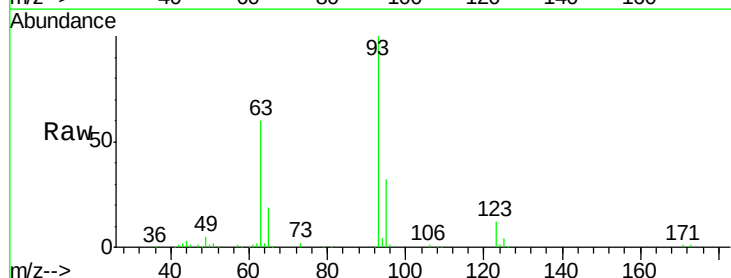
Tgt Ion: 93 Resp: 352450

Ion Ratio Lower Upper

93 100

95 32.3 25.8 38.8

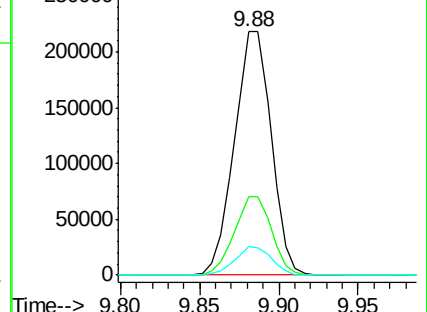
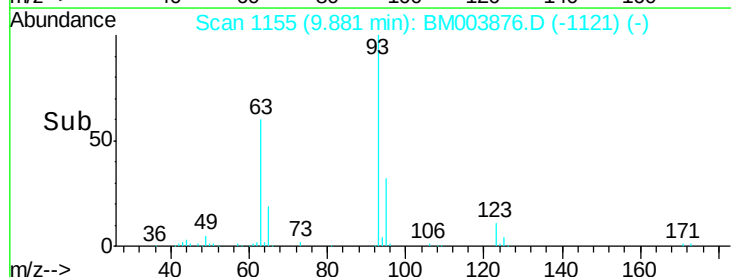
123 11.5 9.8 14.8

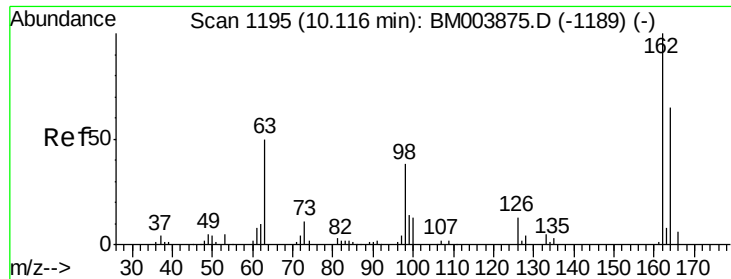


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

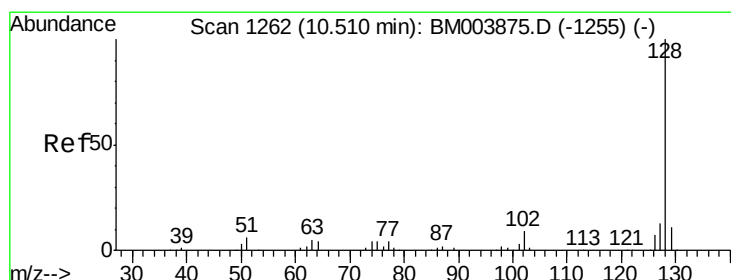
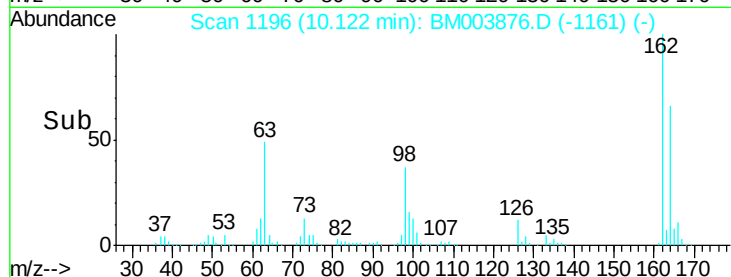
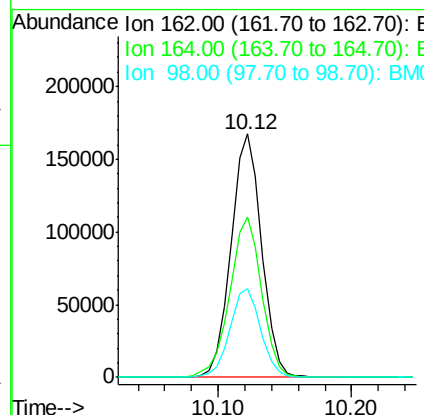
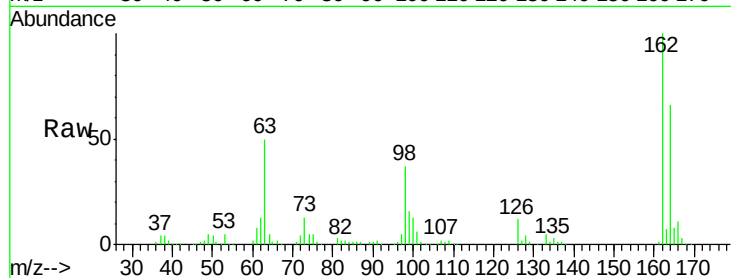




#27  
2,4-Dichlorophenol  
Concen: 77.45 ng/ul  
RT: 10.12 min Scan# 1196  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

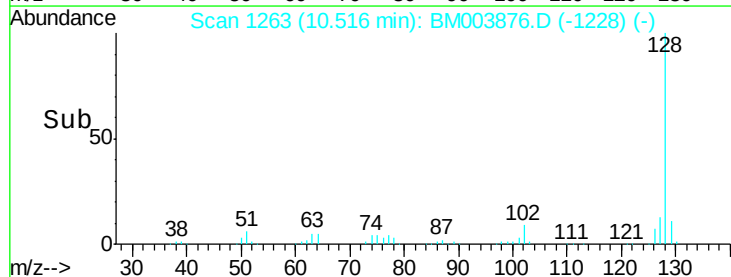
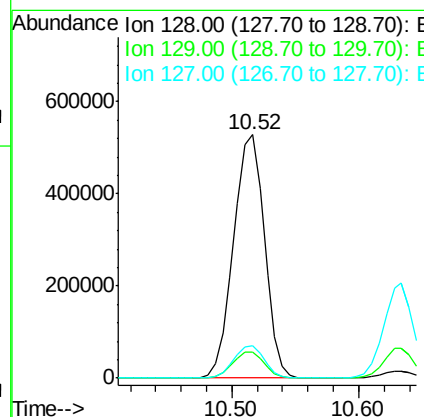
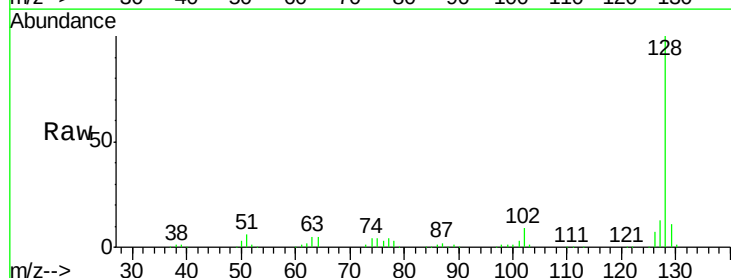
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

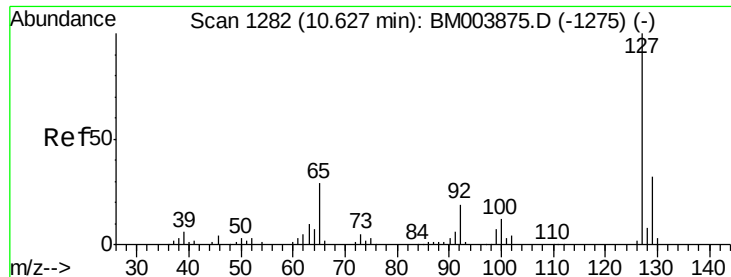
Tot Ion:162 Resp: 268152  
Ion Ratio Lower Upper  
162 100  
164 65.6 52.1 78.1  
98 36.6 28.4 42.6



#28  
Naphthalene  
Concen: 77.50 ng/ul  
RT: 10.52 min Scan# 1263  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:128 Resp: 892940  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.8 13.2  
127 13.1 10.5 15.7

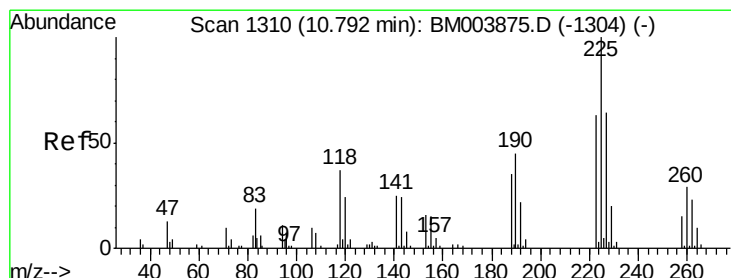
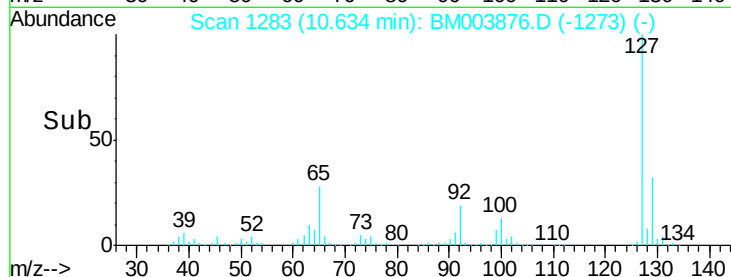
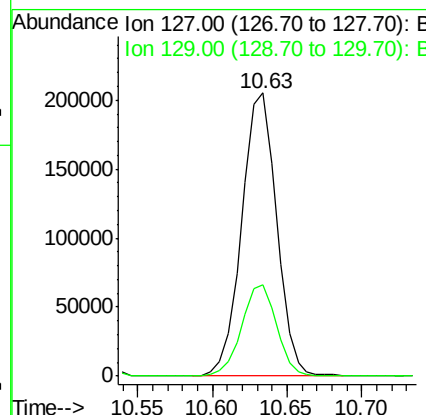
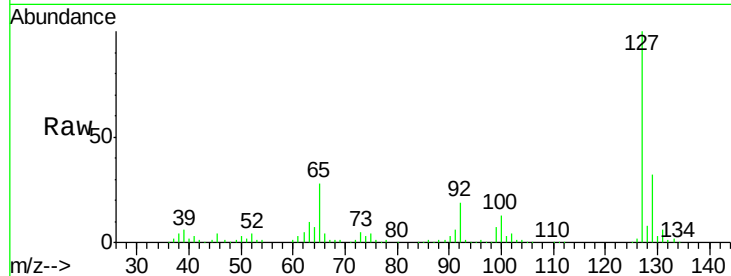




#30  
4-Chloroaniline  
Concen: 74.43 ng/ul  
RT: 10.63 min Scan# 1283  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

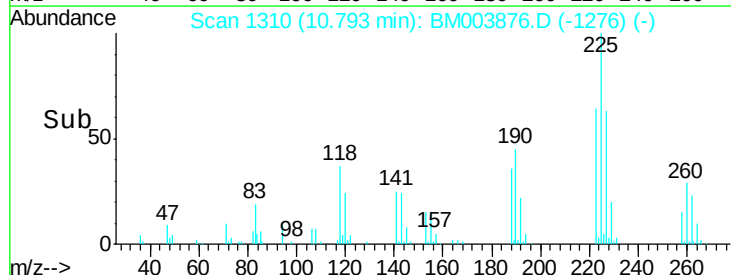
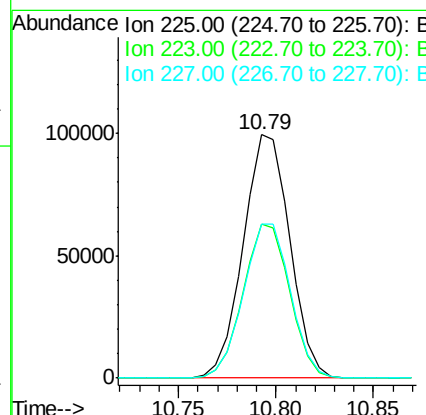
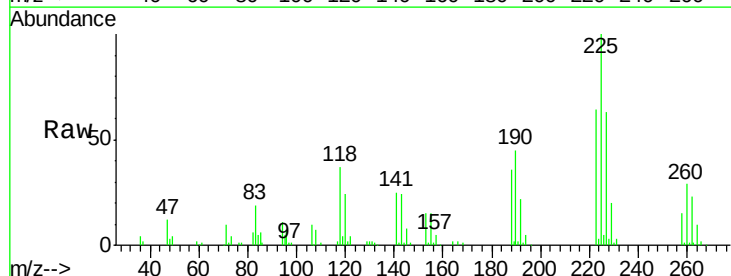
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

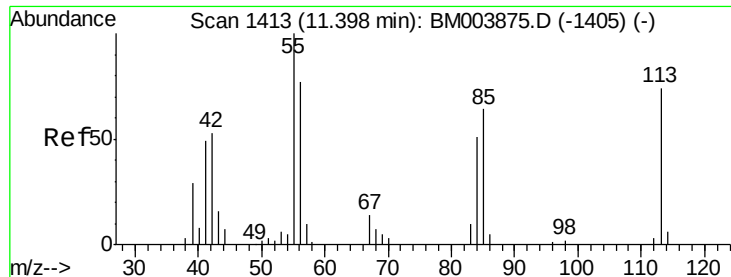
Tot Ion:127 Resp: 333848  
Ion Ratio Lower Upper  
127 100  
129 32.2 25.4 38.2



#31  
Hexachlorobutadiene  
Concen: 77.25 ng/ul  
RT: 10.79 min Scan# 1310  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:225 Resp: 164674  
Ion Ratio Lower Upper  
225 100  
223 63.5 51.4 77.2  
227 63.1 50.7 76.1





#32

Caprolactam

Concen: 36.91 ng/ul

RT: 11.42 min Scan# 1416

Delta R.T. 0.02 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

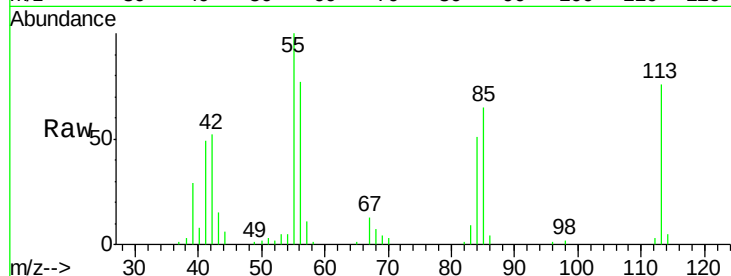
Tot Ion:113 Resp: 47739

Ion Ratio Lower Upper

113 100

55 131.3 101.9 152.9

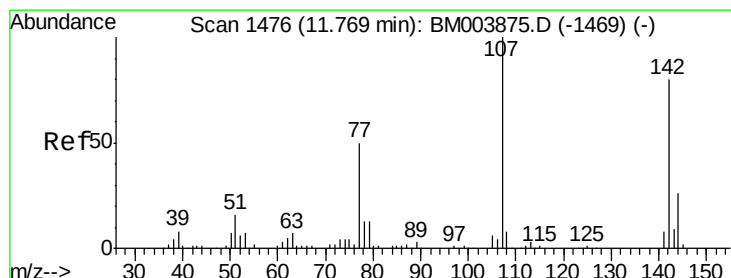
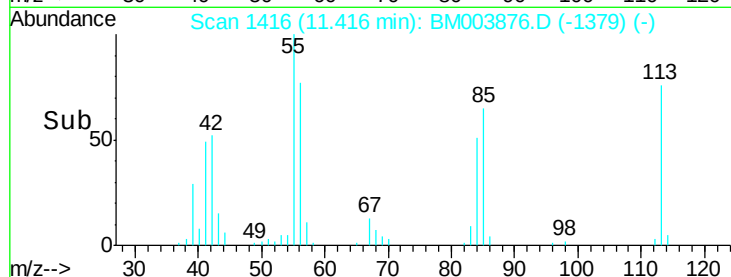
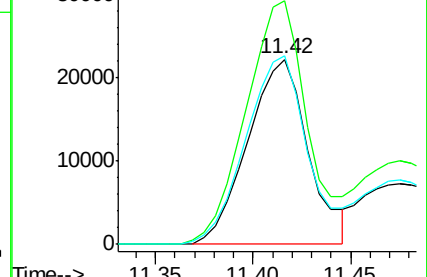
56 101.6 81.2 121.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 70.13 ng/ul

RT: 11.77 min Scan# 1477

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

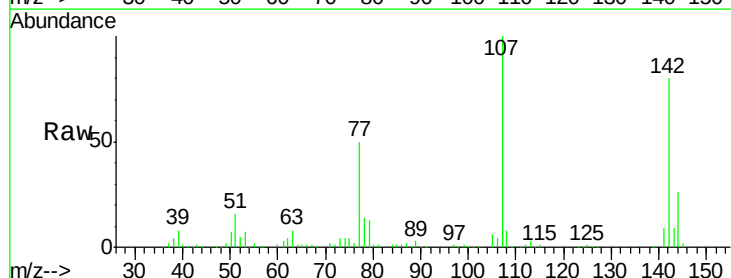
Tgt Ion:107 Resp: 284899

Ion Ratio Lower Upper

107 100

144 26.0 20.4 30.6

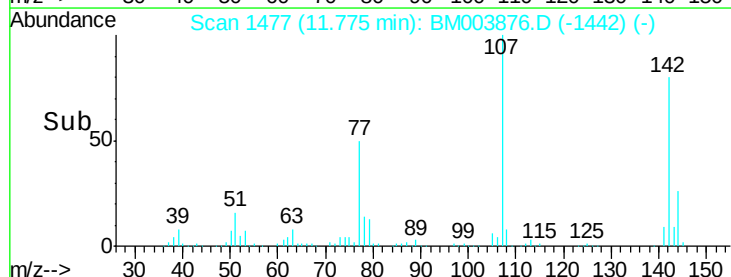
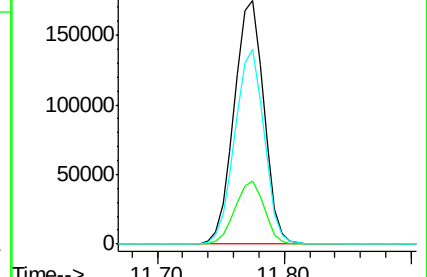
142 79.9 62.5 93.7

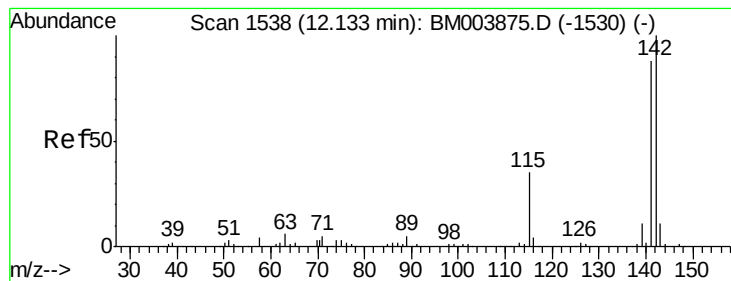


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 71.26 ng/ul

RT: 12.13 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

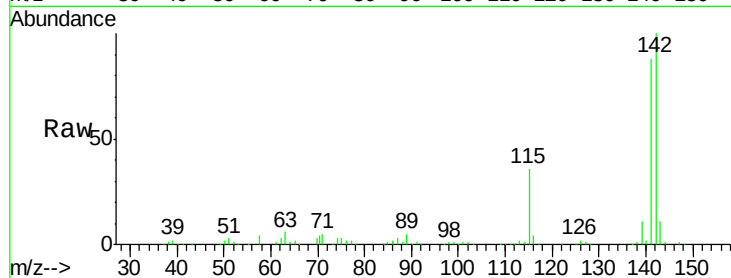
SSTD08041

Tot Ion:142 Resp: 613233

Ion Ratio Lower Upper

142 100

141 88.1 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.13

400000

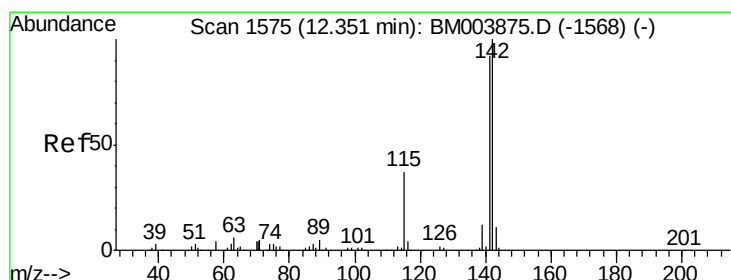
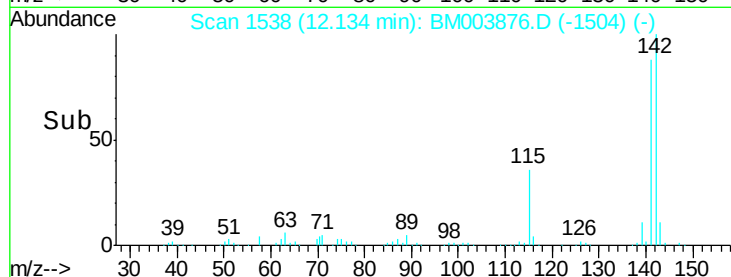
300000

200000

100000

0

Time--> 12.05 12.10 12.15 12.20



#35

1-Methylnaphthalene

Concen: 70.78 ng/ul

RT: 12.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

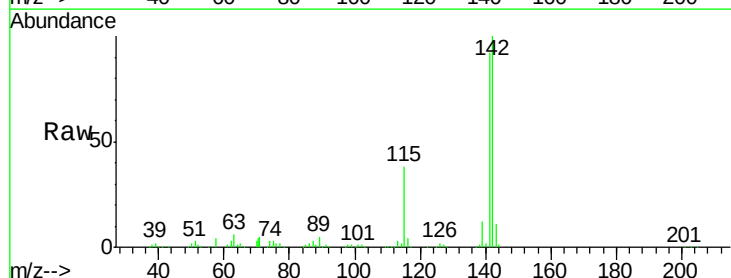
Tgt Ion:142 Resp: 578565

Ion Ratio Lower Upper

142 100

141 92.1 74.9 112.3

116 3.9 3.1 4.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

12.36

500000

400000

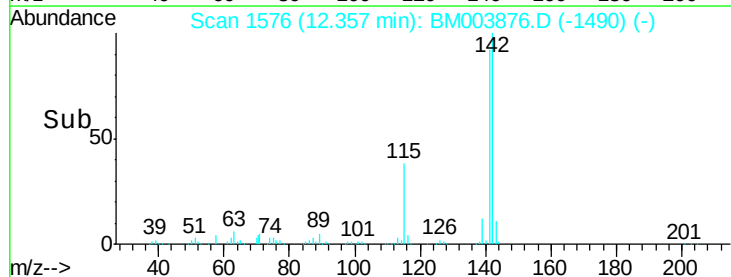
300000

200000

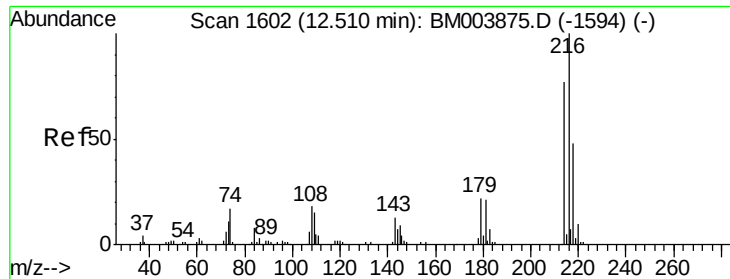
100000

0

Time--> 12.30 12.35 12.40



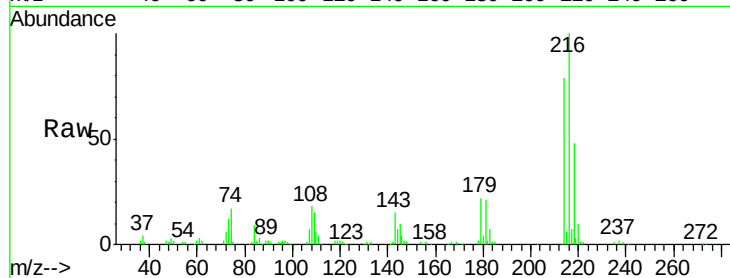




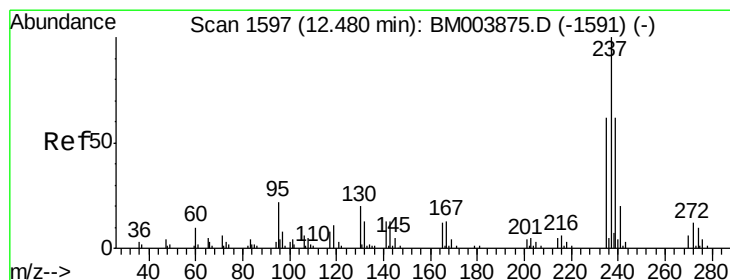
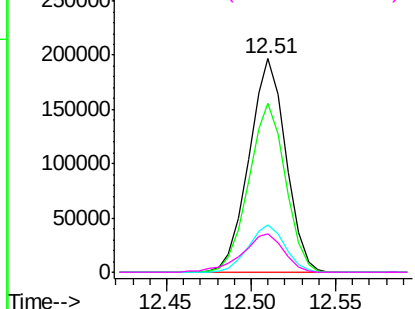
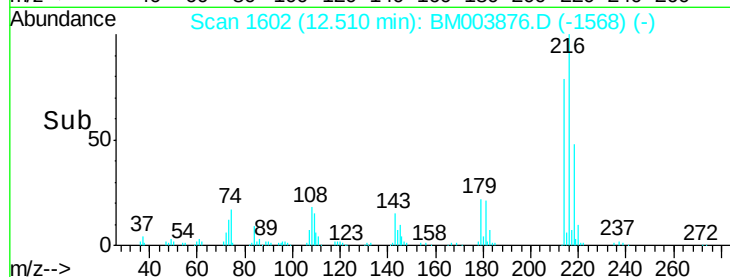
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 85.97 ng/ul  
 RT: 12.51 min Scan# 1602  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08041

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 297295    |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 79.4  | 62.5 93.7 |
| 179         | 21.9  | 18.2 27.2 |
| 108         | 18.2  | 14.2 21.2 |

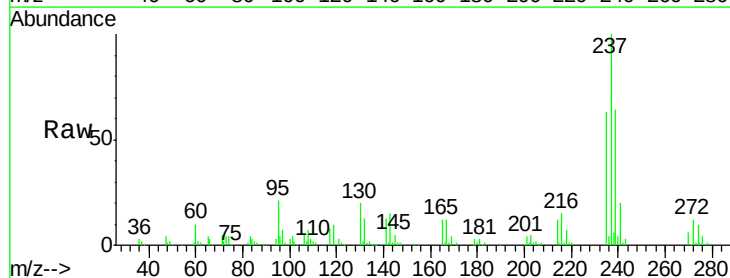


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

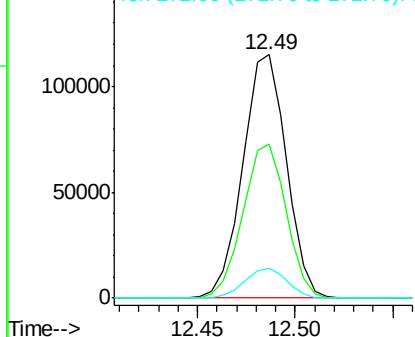
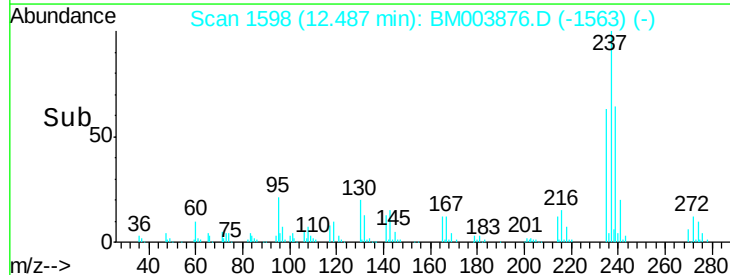


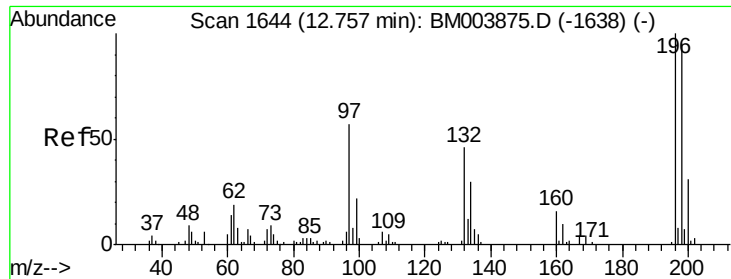
#38  
 Hexachlorocyclopentadiene  
 Concen: 95.97 ng/ul  
 RT: 12.49 min Scan# 1598  
 Delta R.T. 0.01 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 177767    |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 63.4  | 50.4 75.6 |
| 272         | 12.3  | 9.6 14.4  |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

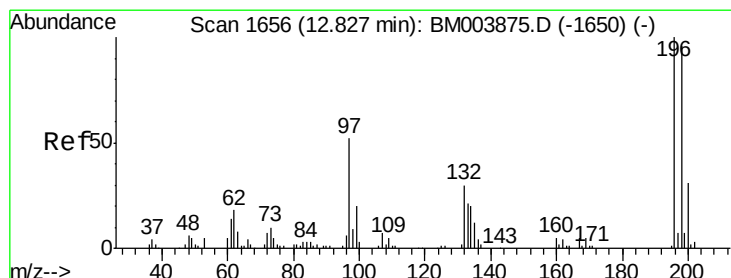
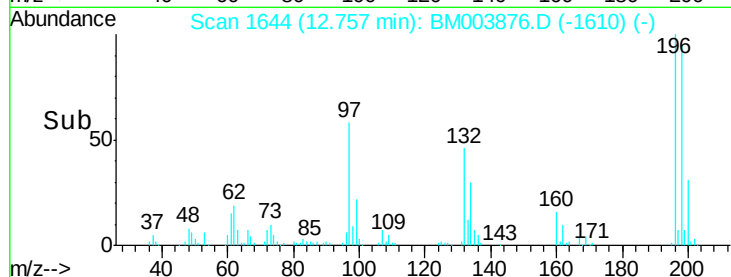
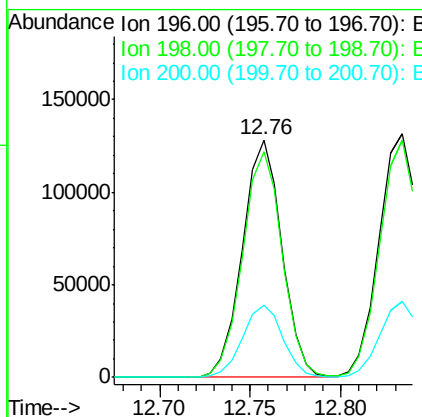
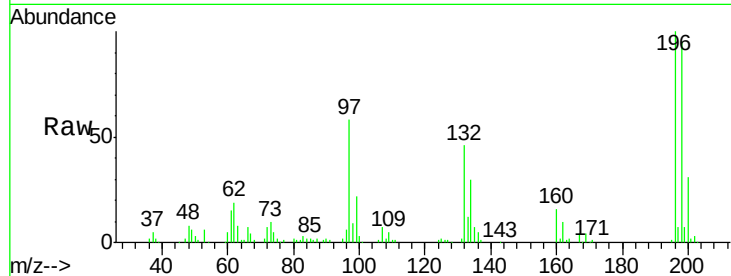




#39  
 2,4,6-Trichlorophenol  
 Concen: 83.09 ng/ul  
 RT: 12.76 min Scan# 1644  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

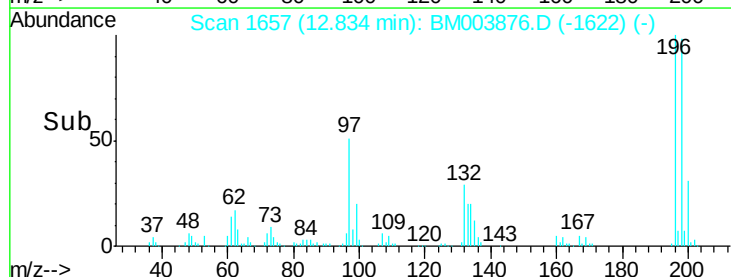
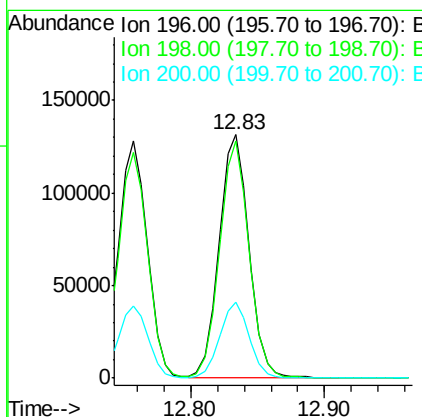
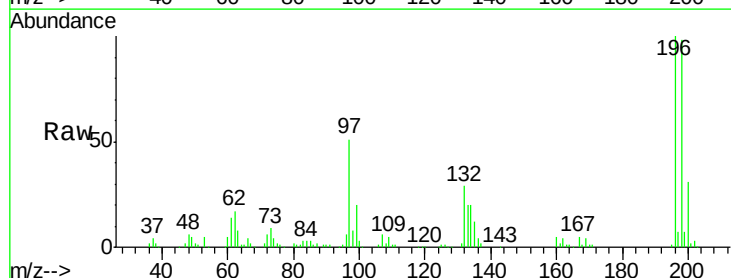
Instrument :  
 BNA\_M  
 ClientSampleID :  
 SST08041

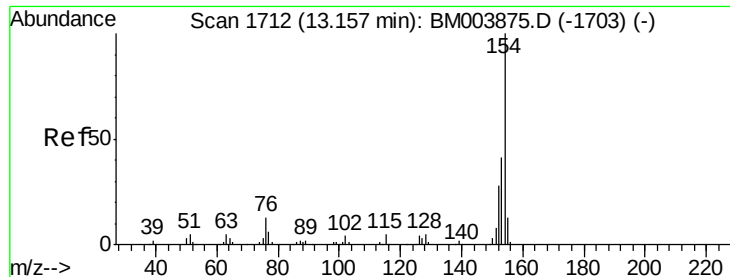
Tot Ion:196 Resp: 194170  
 Ion Ratio Lower Upper  
 196 100  
 198 95.3 76.6 114.8  
 200 30.6 24.7 37.1



#40  
 2,4,5-Trichlorophenol  
 Concen: 79.86 ng/ul  
 RT: 12.83 min Scan# 1657  
 Delta R.T. 0.01 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Tgt Ion:196 Resp: 206153  
 Ion Ratio Lower Upper  
 196 100  
 198 97.6 76.9 115.3  
 200 31.3 25.0 37.4

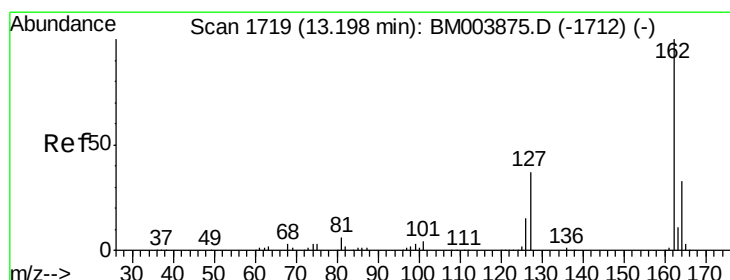
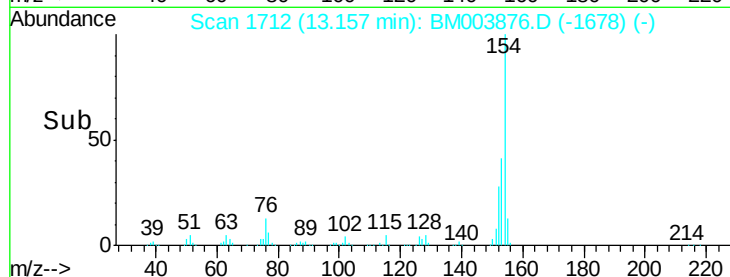
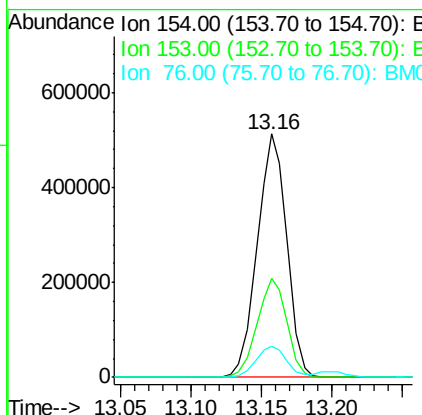
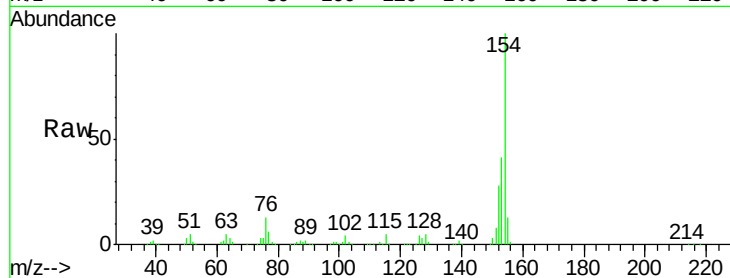




#41  
 1,1'-Biphenyl  
 Concen: 81.24 ng/ul  
 RT: 13.16 min Scan# 1712  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

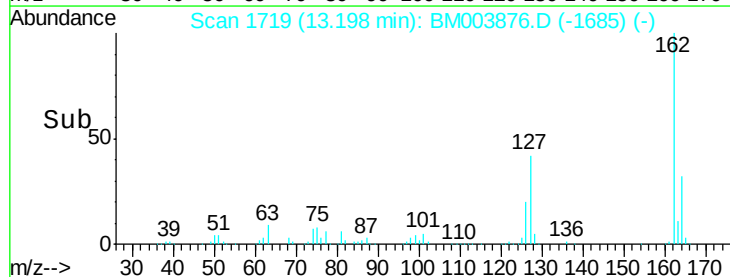
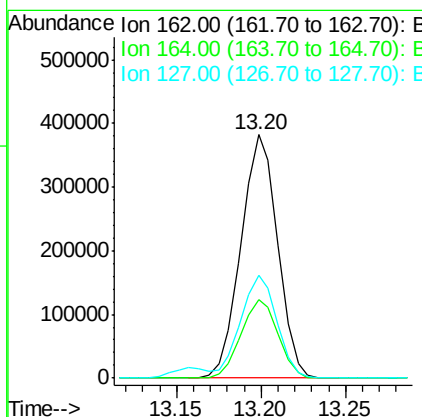
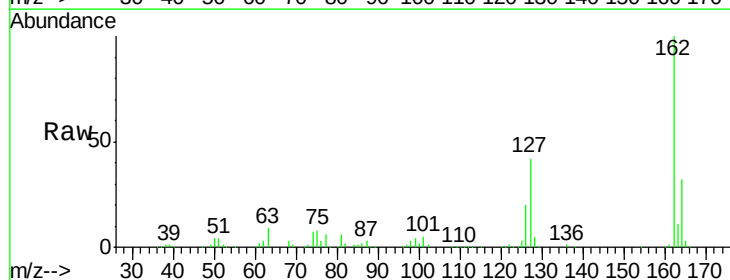
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08041

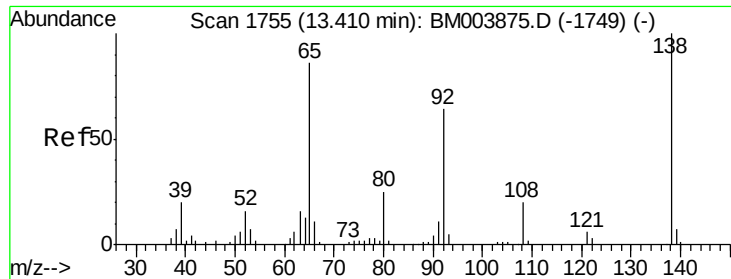
Tot Ion:154 Resp: 754160  
 Ion Ratio Lower Upper  
 154 100  
 153 40.8 32.1 48.1  
 76 13.0 9.5 14.3



#42  
 2-Chloronaphthalene  
 Concen: 82.89 ng/ul  
 RT: 13.20 min Scan# 1719  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Tgt Ion:162 Resp: 577833  
 Ion Ratio Lower Upper  
 162 100  
 164 32.1 25.9 38.9  
 127 42.1 34.1 51.1

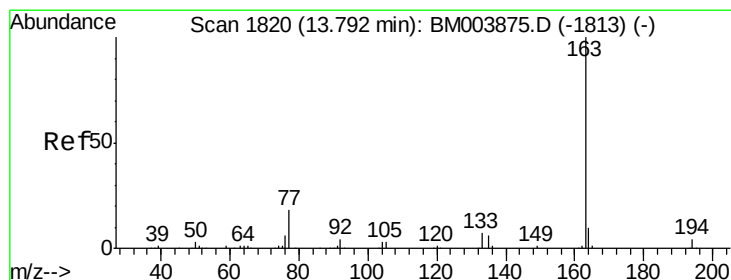
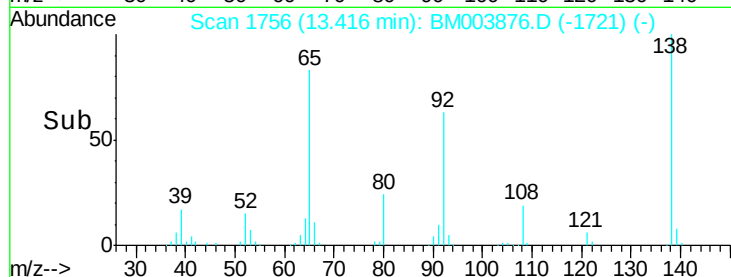
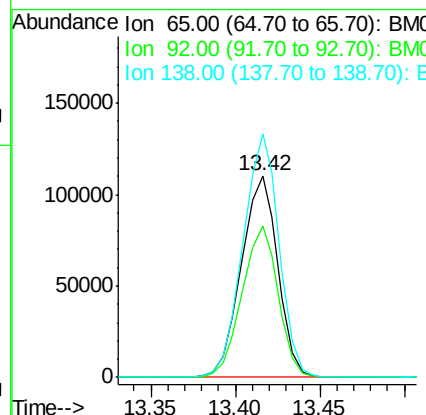
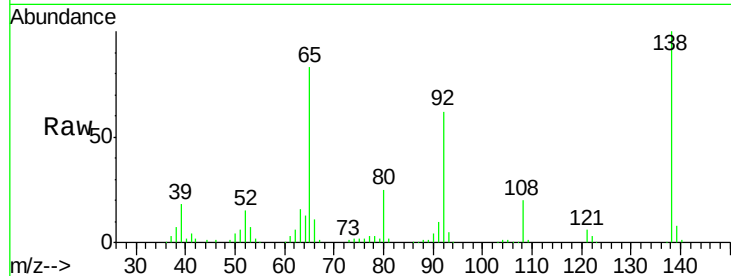




#43  
2-Nitroaniline  
Concen: 85.90 ng/ul  
RT: 13.42 min Scan# 1756  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

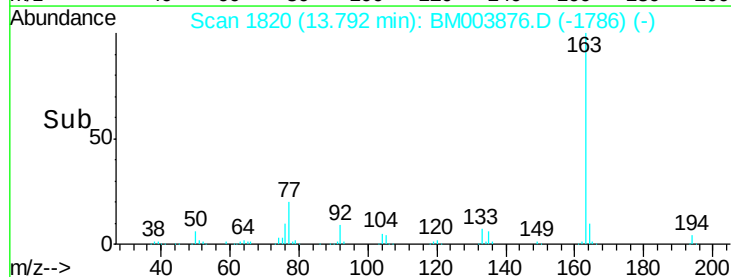
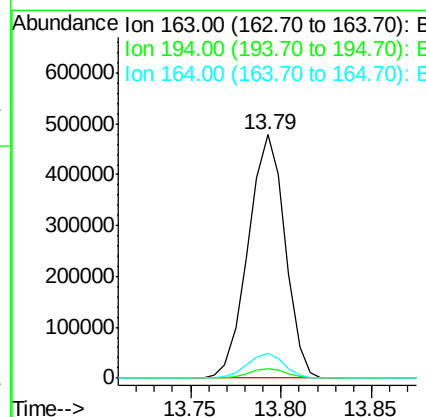
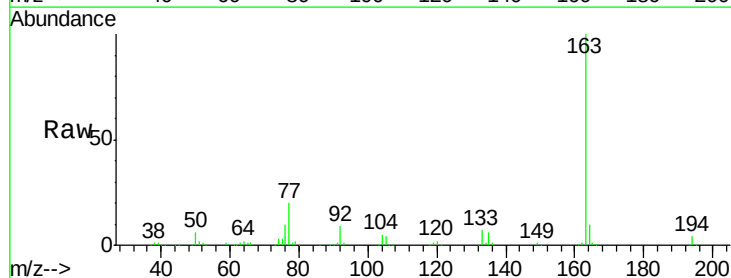
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

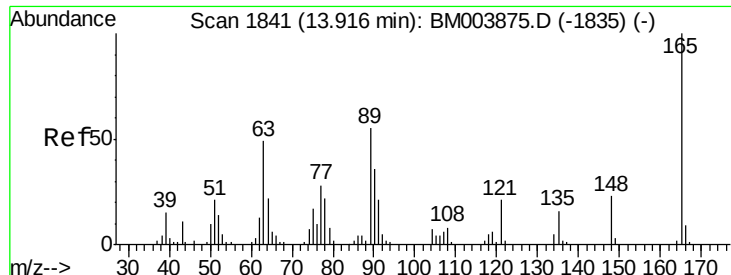
Tot Ion: 65 Resp: 165795  
Ion Ratio Lower Upper  
65 100  
92 75.3 60.4 90.6  
138 120.5 99.8 149.6



#45  
Dimethylphthalate  
Concen: 70.09 ng/ul  
RT: 13.79 min Scan# 1820  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion: 163 Resp: 677287  
Ion Ratio Lower Upper  
163 100  
194 4.0 3.2 4.8  
164 10.0 7.8 11.8

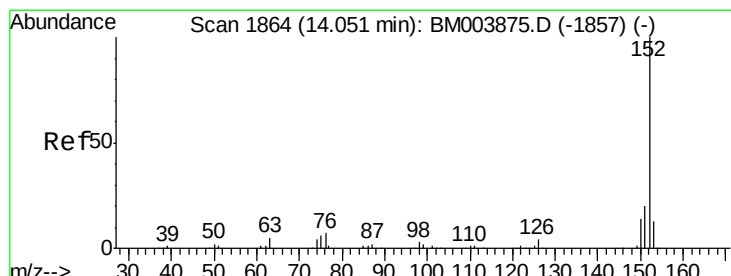
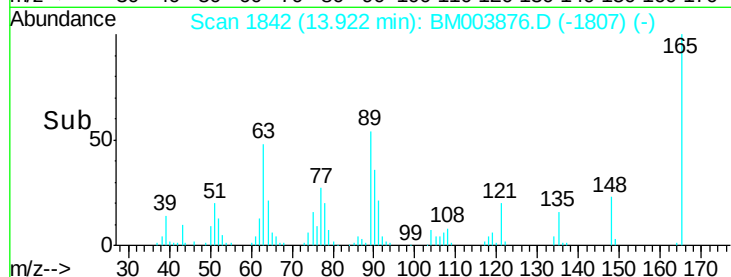
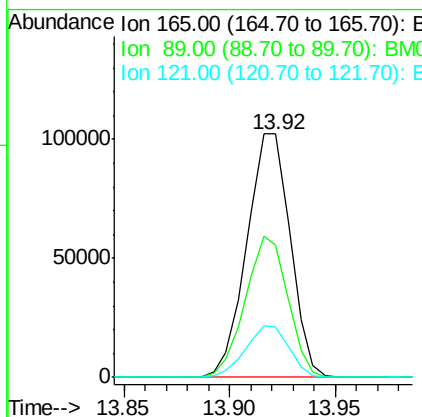
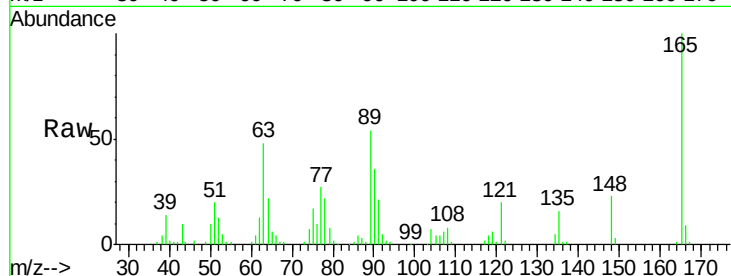




#46  
 2,6-Dinitrotoluene  
 Concen: 77.91 ng/ul  
 RT: 13.92 min Scan# 1842  
 Delta R.T. 0.01 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

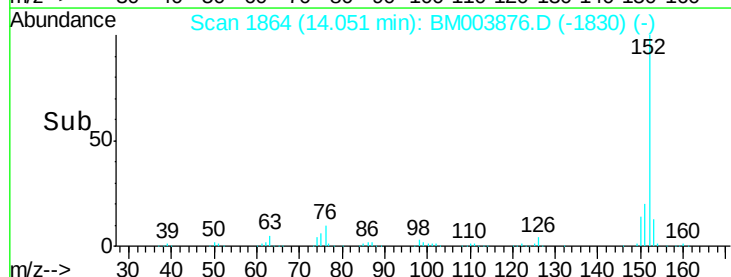
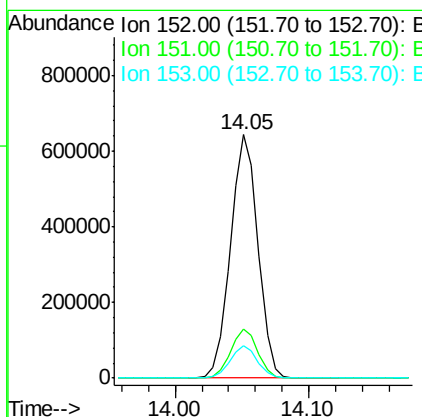
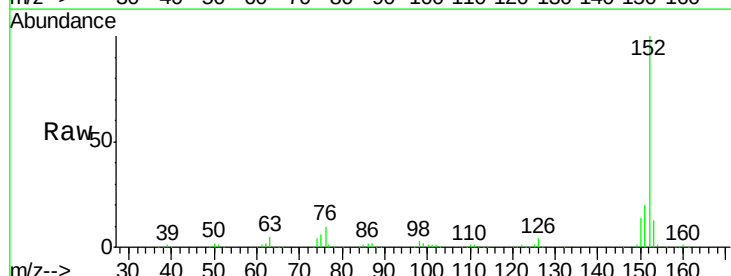
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08041

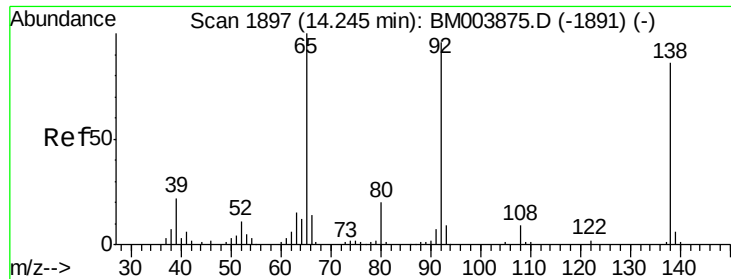
Tot Ion:165 Resp: 146694  
 Ion Ratio Lower Upper  
 165 100  
 89 54.5 42.4 63.6  
 121 20.5 16.6 24.8



#48  
 Acenaphthylene  
 Concen: 78.37 ng/ul  
 RT: 14.05 min Scan# 1864  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Tgt Ion:152 Resp: 921551  
 Ion Ratio Lower Upper  
 152 100  
 151 20.2 15.7 23.5  
 153 13.3 10.5 15.7





#49

3-Nitroaniline

Concen: 69.76 ng/ul

RT: 14.25 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

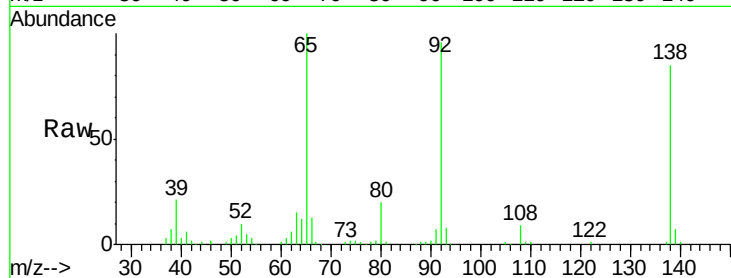
Tot Ion:138 Resp: 146533

Ion Ratio Lower Upper

138 100

108 10.6 8.7 13.1

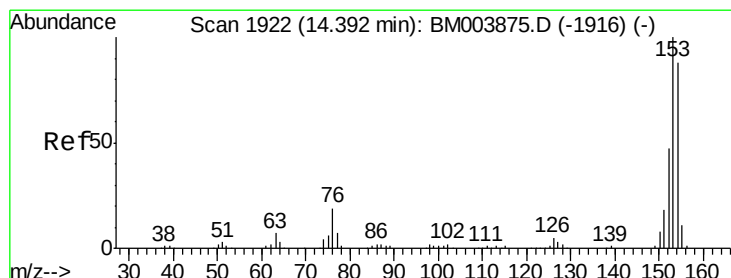
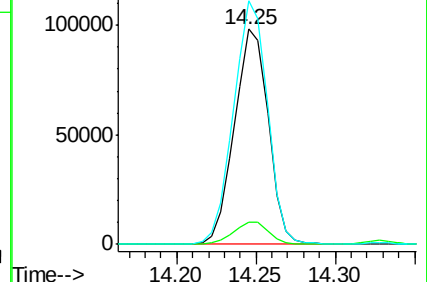
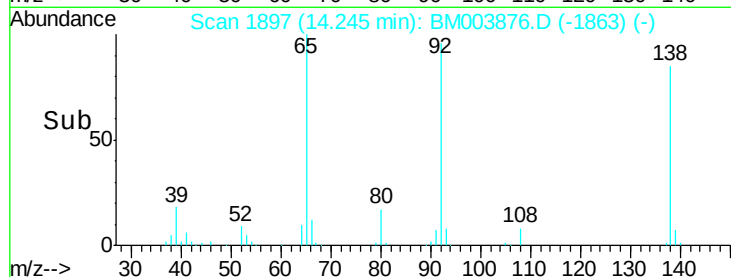
92 113.1 88.2 132.4



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): E



#50

Acenaphthene

Concen: 76.45 ng/ul

RT: 14.40 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

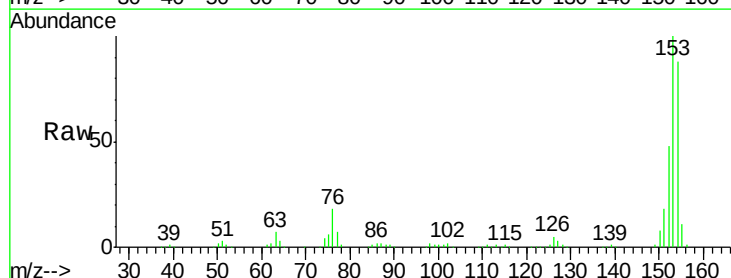
Tgt Ion:153 Resp: 600401

Ion Ratio Lower Upper

153 100

152 47.5 38.3 57.5

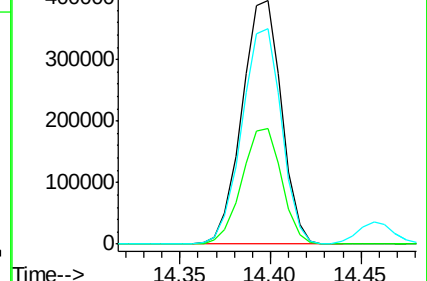
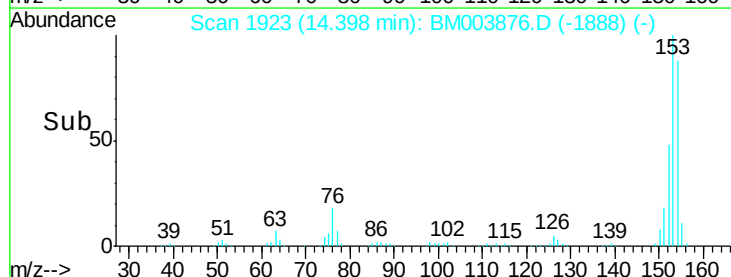
154 88.3 71.8 107.8

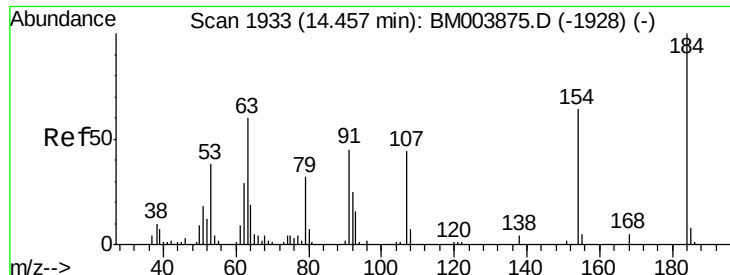


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

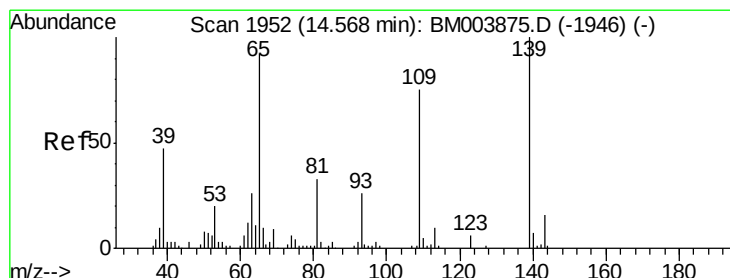
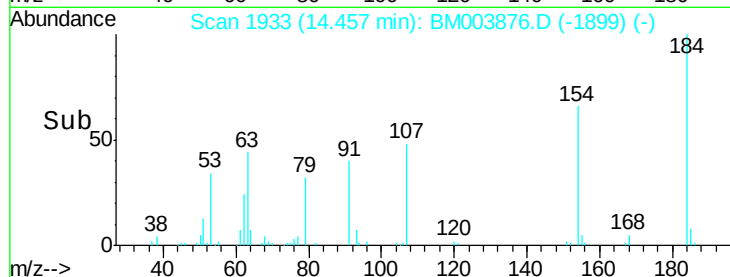
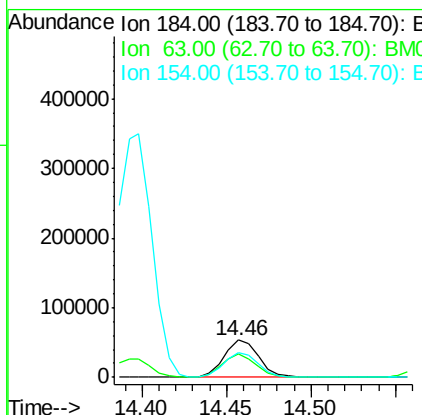
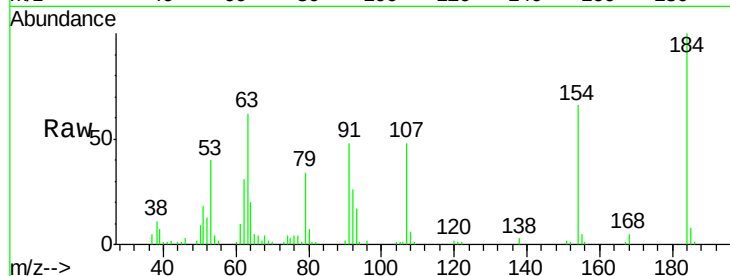




#51  
2,4-Dinitrophenol  
Concen: 77.27 ng/ul  
RT: 14.46 min Scan# 1933  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

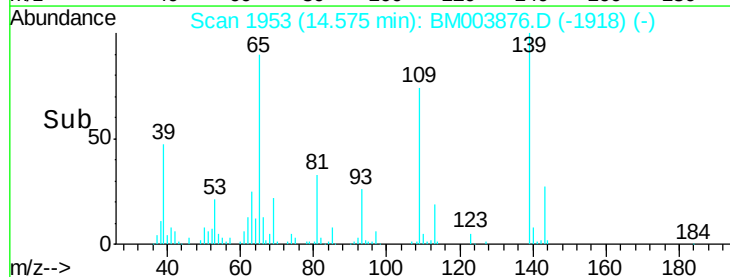
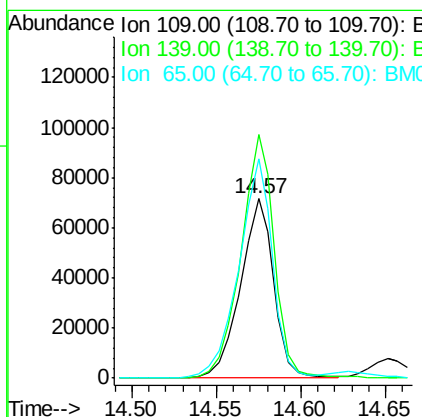
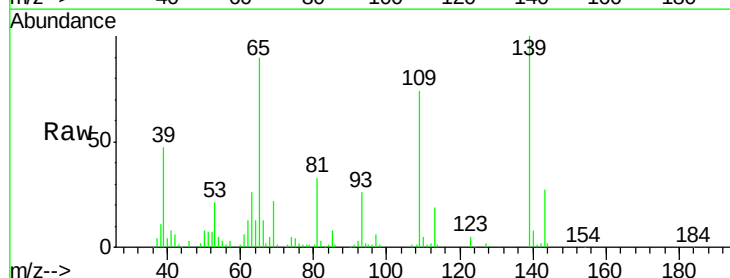
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

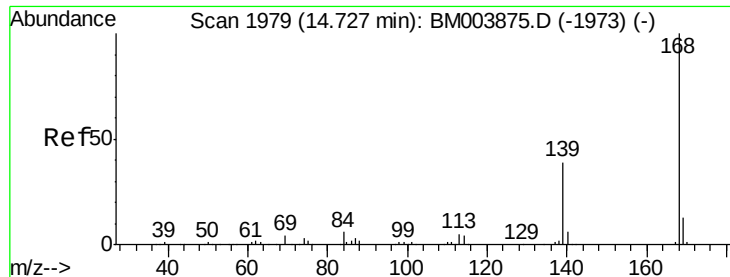
Tot Ion:184 Resp: 77152  
Ion Ratio Lower Upper  
184 100  
63 61.8 46.5 69.7  
154 66.4 54.6 82.0



#53  
4-Nitrophenol  
Concen: 63.17 ng/ul  
RT: 14.57 min Scan# 1953  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:109 Resp: 98373  
Ion Ratio Lower Upper  
109 100  
139 135.6 103.7 155.5  
65 122.3 89.4 134.2

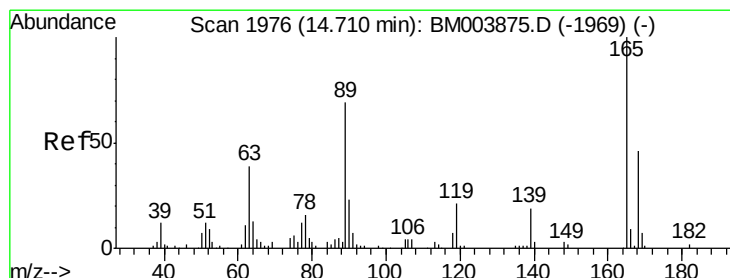
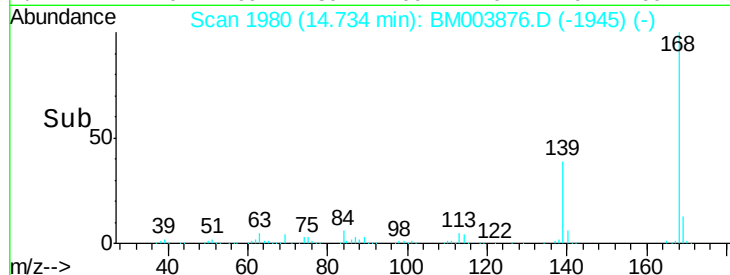
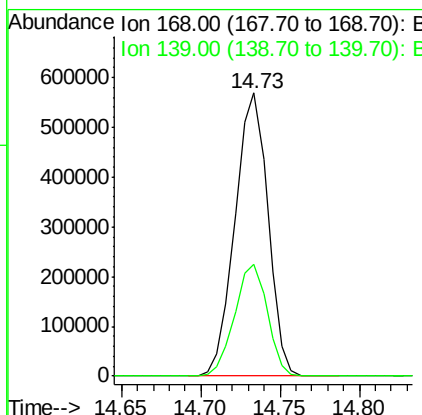
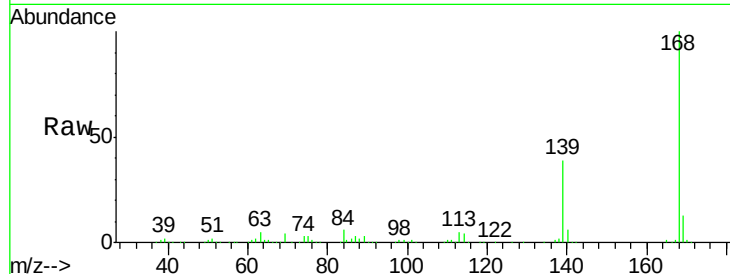




#54  
Dibenzofuran  
Concen: 73.22 ng/ul  
RT: 14.73 min Scan# 1980  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

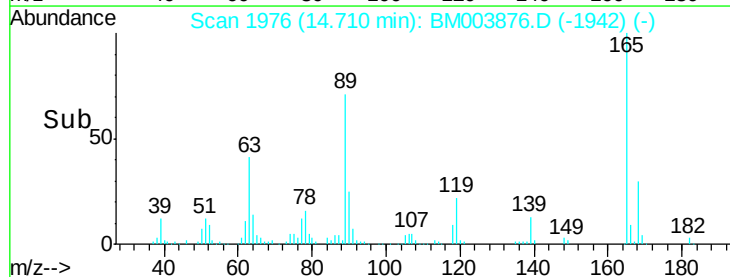
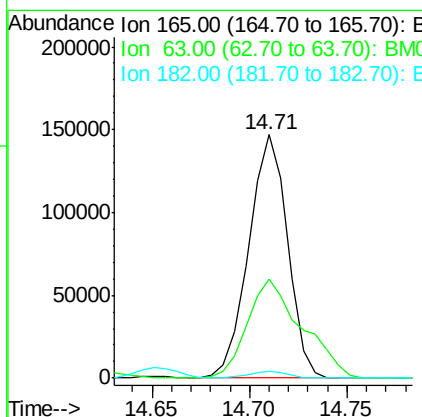
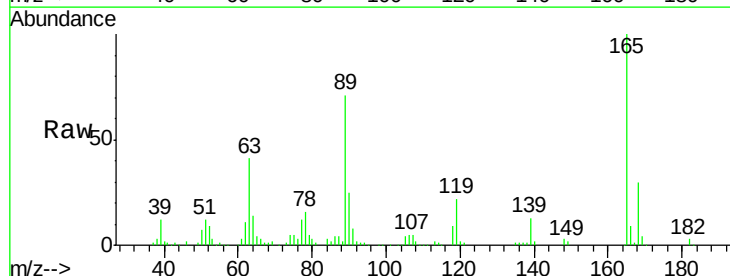
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

Tot Ion:168 Resp: 820757  
Ion Ratio Lower Upper  
168 100  
139 39.4 32.2 48.2

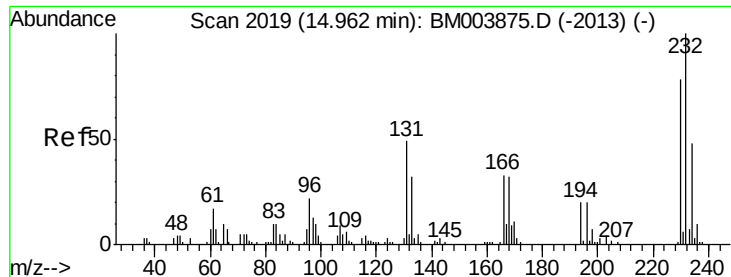


#55  
2,4-Dinitrotoluene  
Concen: 70.67 ng/ul  
RT: 14.71 min Scan# 1976  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:165 Resp: 202097  
Ion Ratio Lower Upper  
165 100  
63 40.8 29.8 44.6  
182 2.8 2.2 3.4



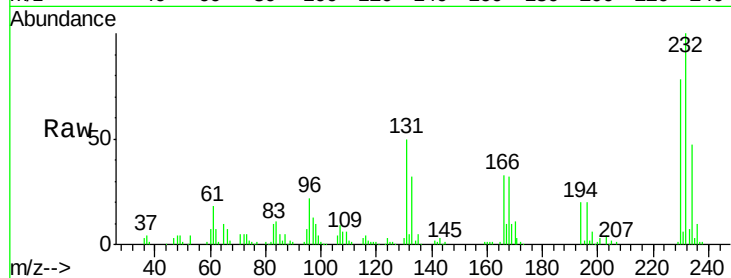




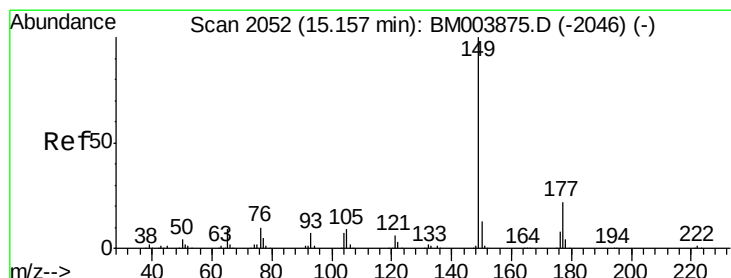
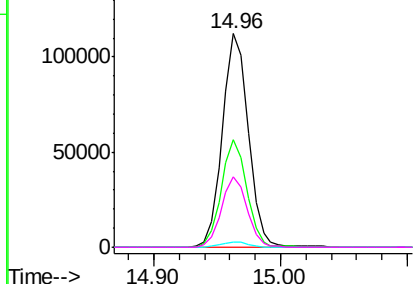
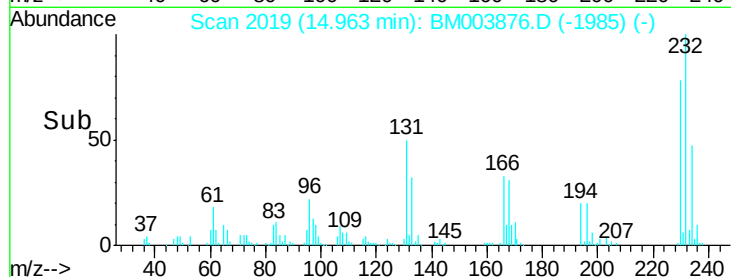
#56  
2,3,4,6-Tetrachlorophenol  
Concen: 71.67 ng/ul  
RT: 14.96 min Scan# 2019  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 232   | Resp: | 159455 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 50.5  | 39.4  | 59.2   |
| 130      | 2.5   | 2.2   | 3.2    |
| 166      | 33.1  | 26.6  | 39.8   |

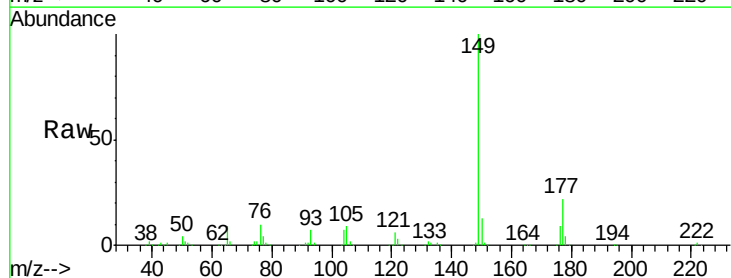


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

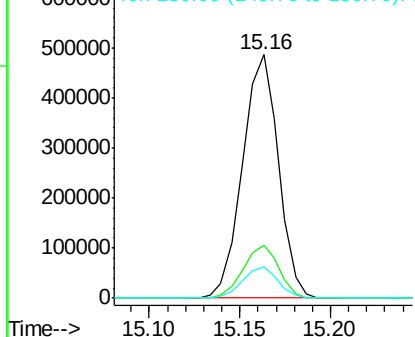
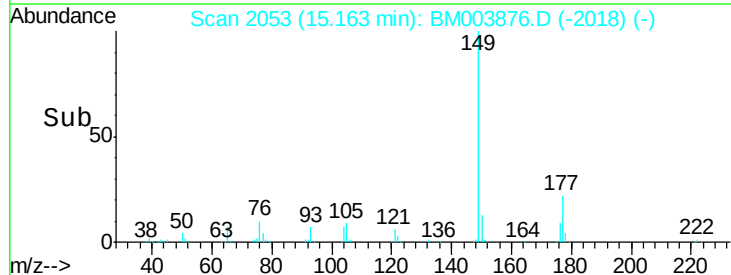


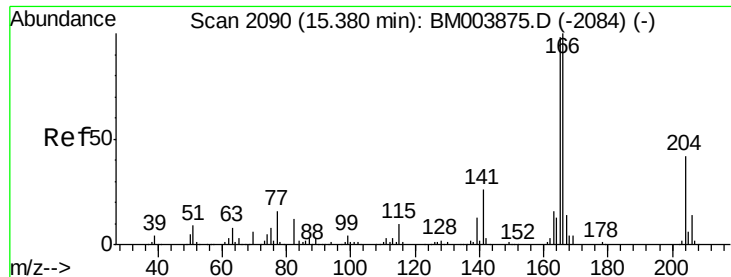
#57  
Diethylphthalate  
Concen: 65.23 ng/ul  
RT: 15.16 min Scan# 2053  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 149   | Resp: | 666936 |
| Ion      | Ratio | Lower | Upper  |
| 149      | 100   |       |        |
| 177      | 21.8  | 17.4  | 26.2   |
| 150      | 12.6  | 10.0  | 15.0   |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E





#59

Fluorene

Concen: 68.75 ng/ul

RT: 15.39 min Scan# 2091

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

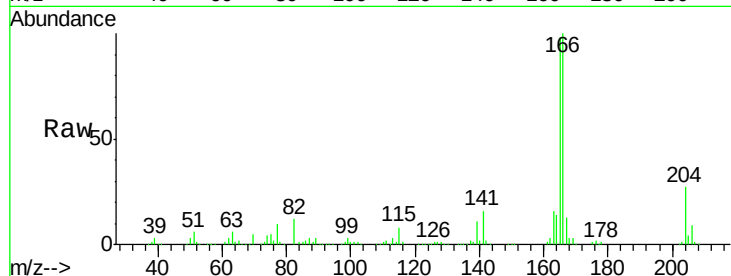
Tot Ion:166 Resp: 618603

Ion Ratio Lower Upper

166 100

165 97.9 78.5 117.7

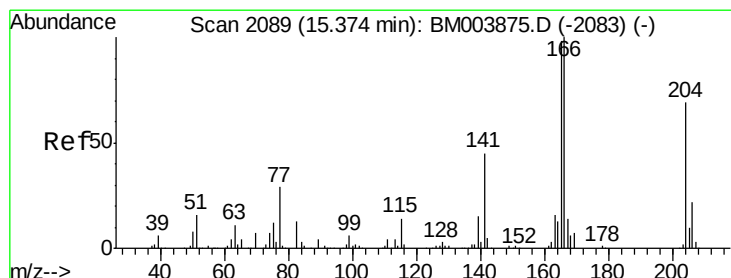
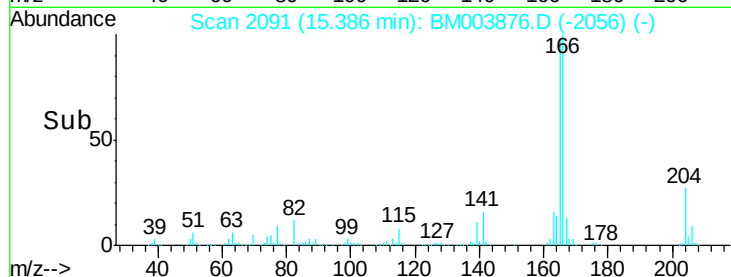
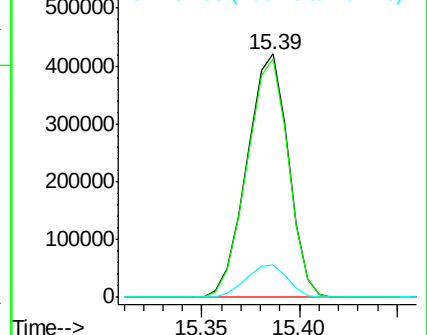
167 13.3 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Chlorophenyl-phenylether

Concen: 68.75 ng/ul

RT: 15.37 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

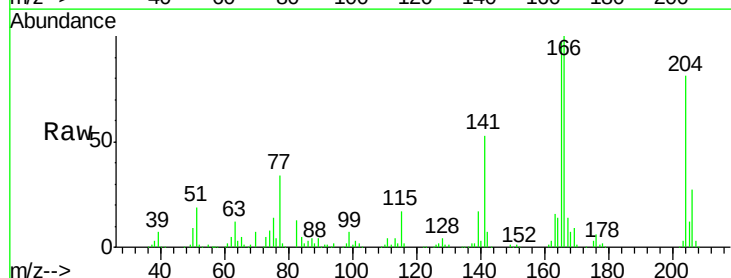
Tgt Ion:204 Resp: 300214

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.4

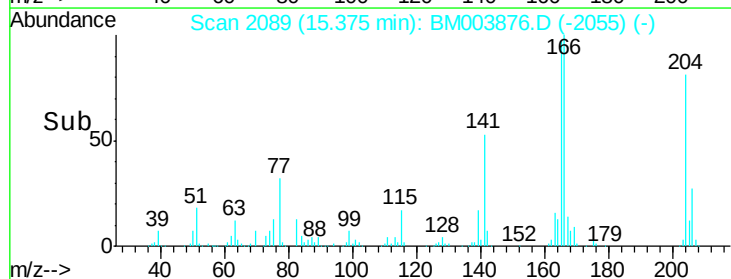
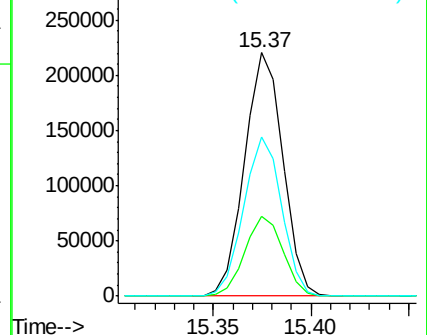
141 65.5 54.6 81.8

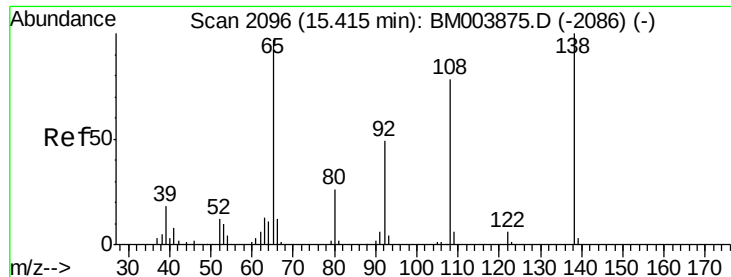


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

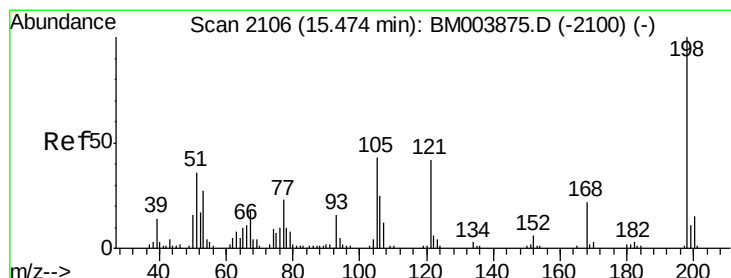
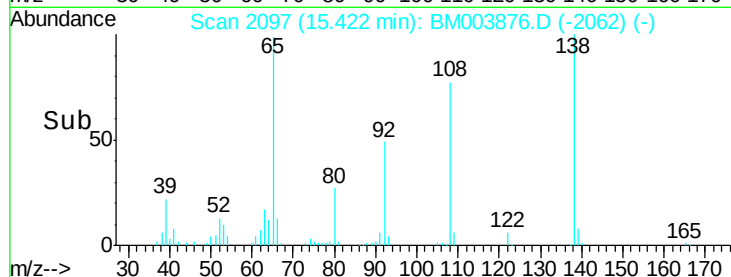
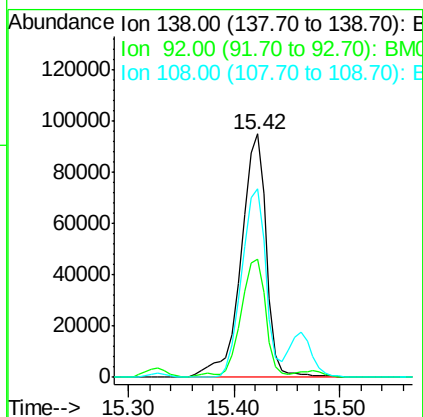
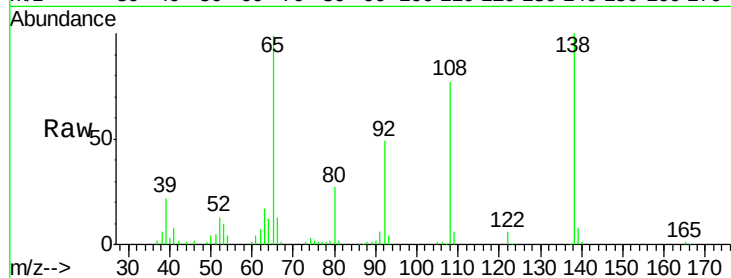




#61  
4-Nitroaniline  
Concen: 67.82 ng/ul  
RT: 15.42 min Scan# 2097  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

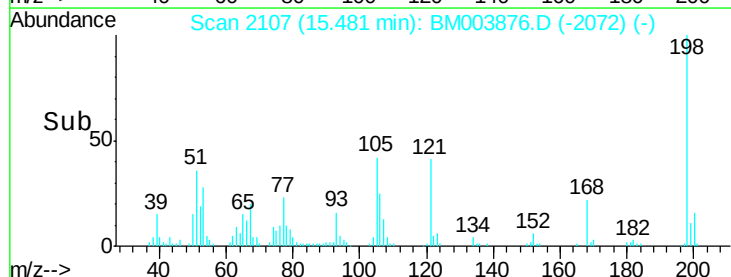
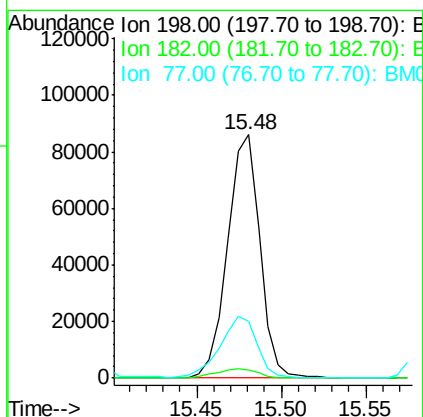
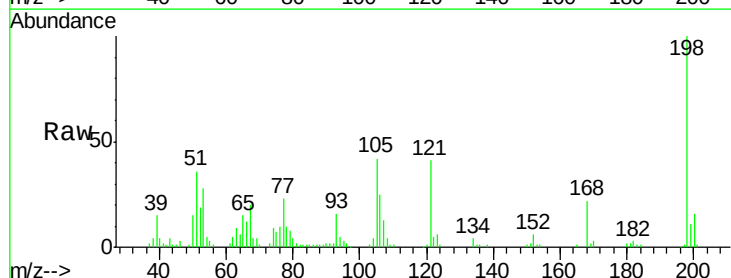
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

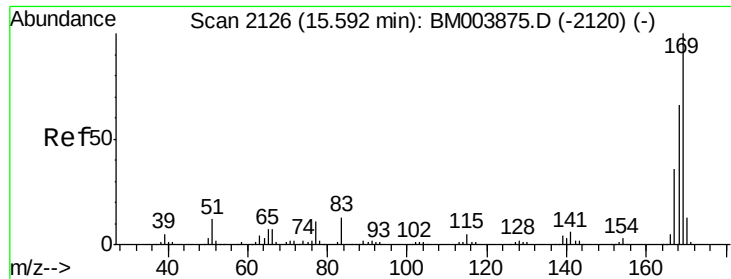
Tot Ion:138 Resp: 158270  
Ion Ratio Lower Upper  
138 100  
92 48.8 40.6 60.8  
108 77.4 67.0 100.6



#64  
4,6-Dinitro-2-methylphenol  
Concen: 85.16 ng/ul  
RT: 15.48 min Scan# 2107  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:198 Resp: 114685  
Ion Ratio Lower Upper  
198 100  
182 3.3 3.1 4.7  
77 23.4 20.1 30.1

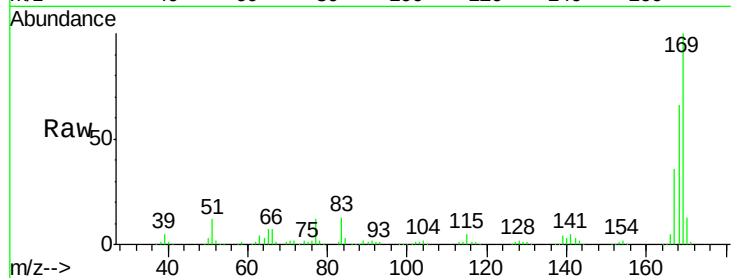




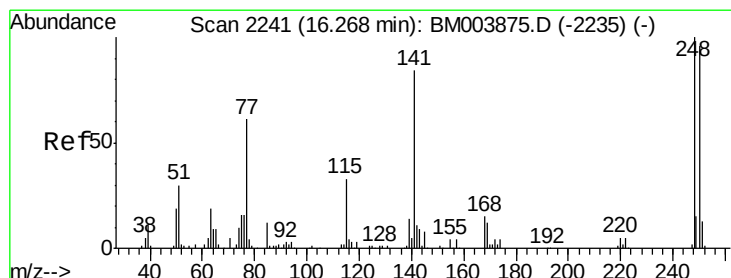
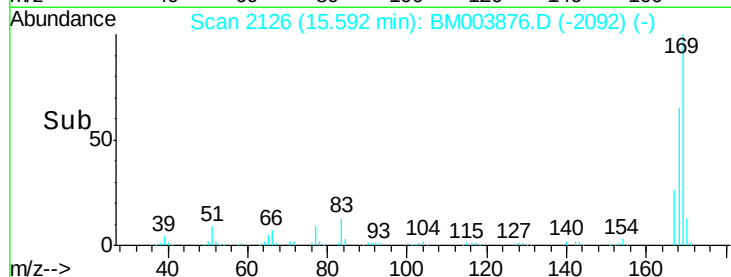
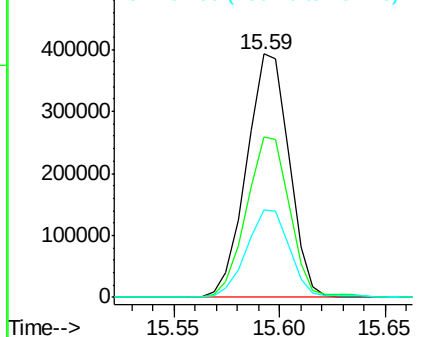
#65  
N-Nitrosodiphenylamine  
Concen: 84.27 ng/ul  
RT: 15.59 min Scan# 2126  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

Tot Ion:169 Resp: 550178  
Ion Ratio Lower Upper  
169 100  
168 66.1 53.8 80.8  
167 36.1 29.3 43.9

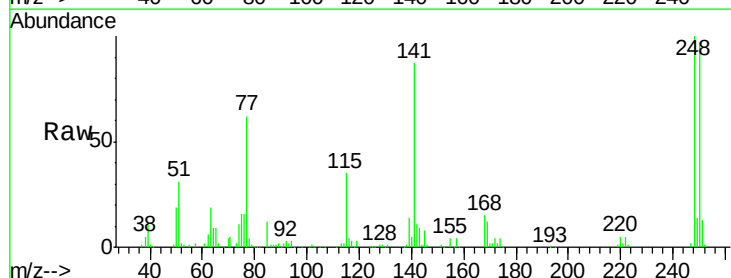


Abundance Ion 169.00 (168.70 to 169.70): E  
Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

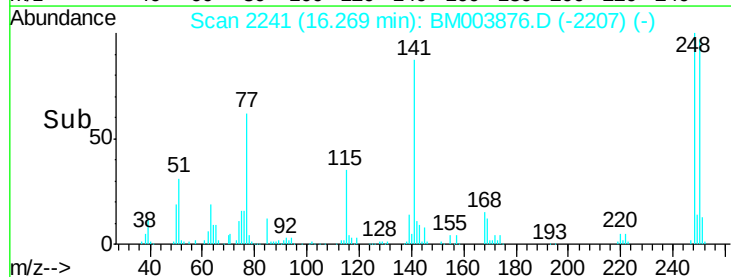
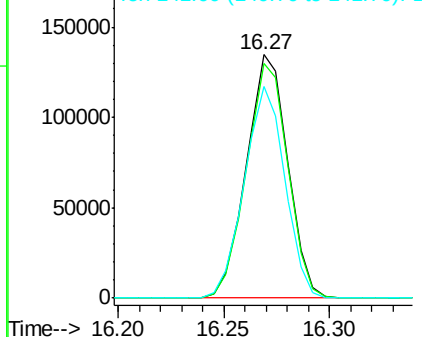


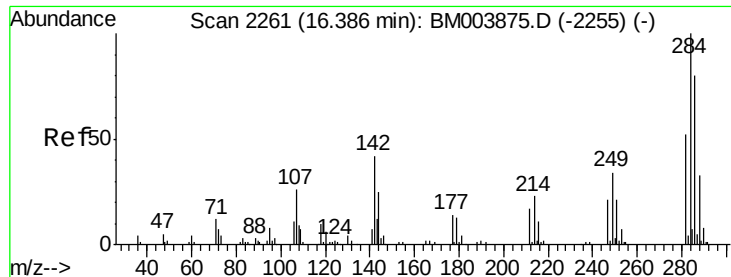
#66  
4-Bromophenyl-phenylether  
Concen: 82.42 ng/ul  
RT: 16.27 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:248 Resp: 183046  
Ion Ratio Lower Upper  
248 100  
250 96.6 78.7 118.1  
141 86.7 72.2 108.2



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





#67

Hexachlorobenzene

Concen: 80.63 ng/ul

RT: 16.39 min Scan# 2261

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampled :

SSTD08041

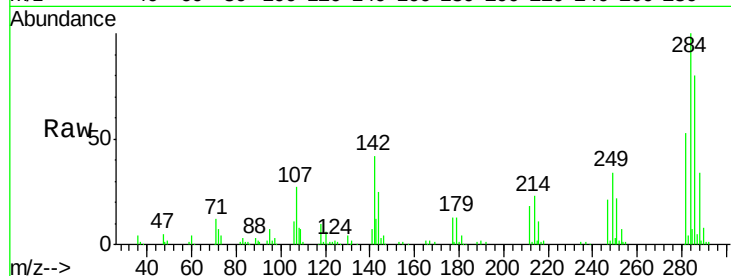
Tot Ion:284 Resp: 199164

Ion Ratio Lower Upper

284 100

142 42.0 33.1 49.7

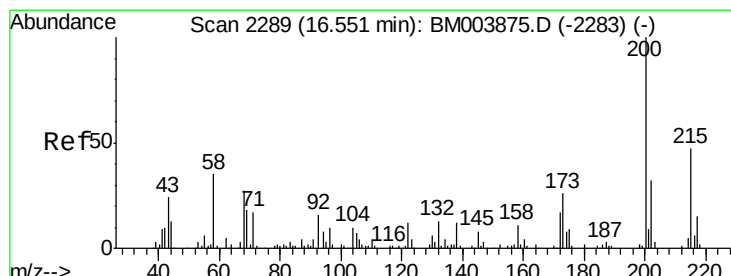
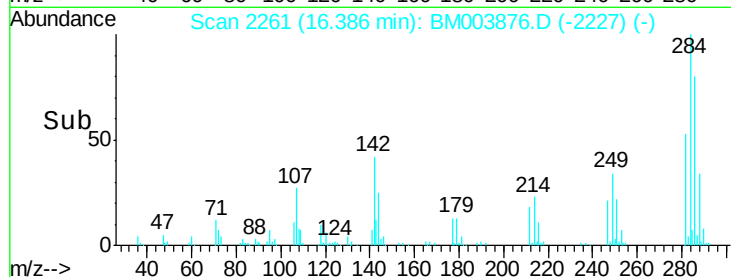
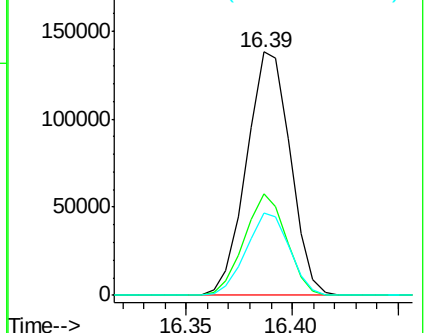
249 33.9 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 75.10 ng/ul

RT: 16.55 min Scan# 2289

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

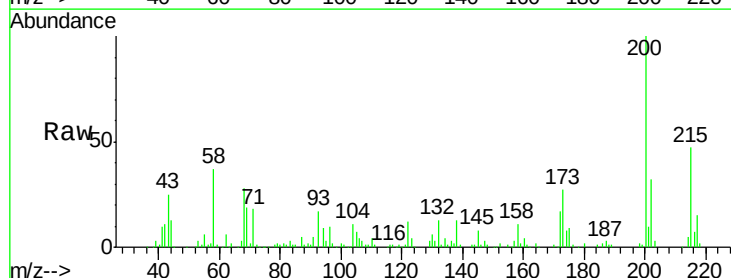
Tgt Ion:200 Resp: 188364

Ion Ratio Lower Upper

200 100

173 26.9 21.6 32.4

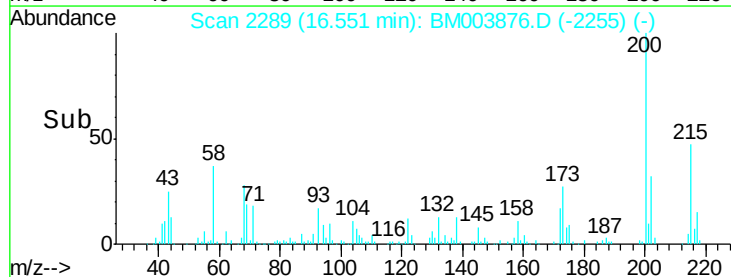
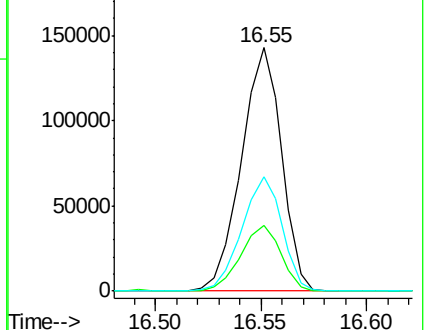
215 46.9 37.0 55.4

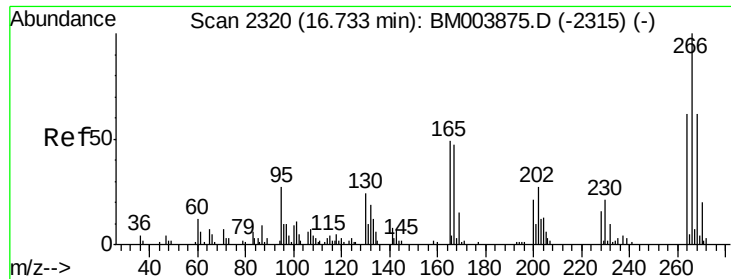


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

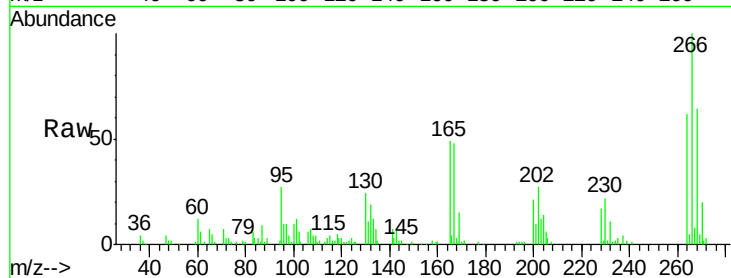




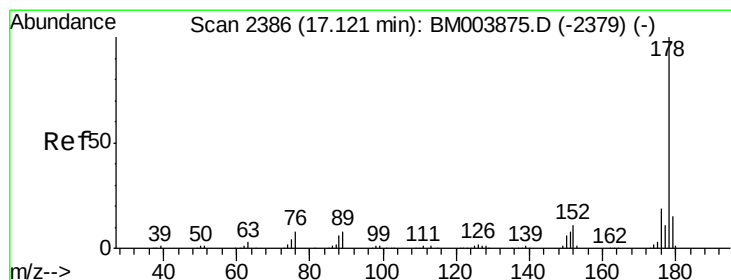
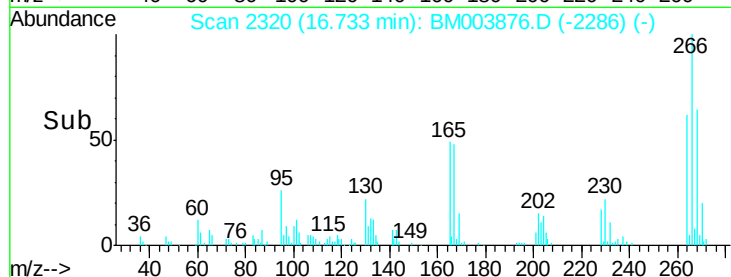
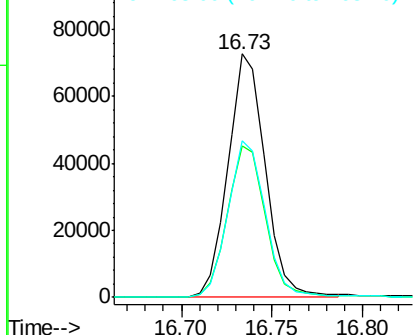
#69  
 Pentachlorophenol  
 Concen: 74.84 ng/ul  
 RT: 16.73 min Scan# 2320  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Instrument :  
 BNA\_M  
 ClientSampled :  
 SSTD08041

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.3  | 50.5  | 75.7  |
| 268     | 64.3  | 50.9  | 76.3  |

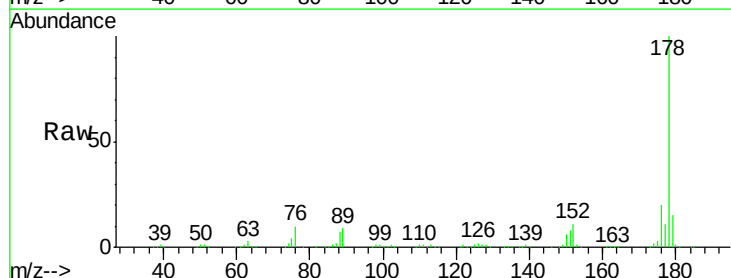


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

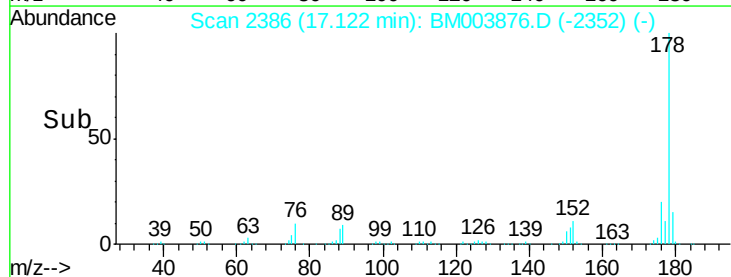
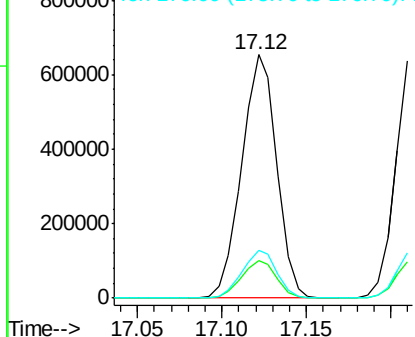


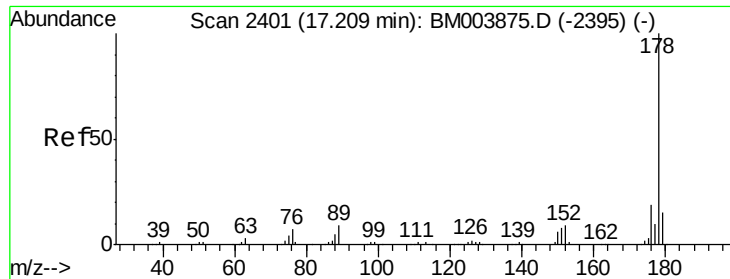
#70  
 Phenanthrene  
 Concen: 76.34 ng/ul  
 RT: 17.12 min Scan# 2386  
 Delta R.T. 0.00 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 15.4  | 12.2  | 18.4  |
| 176     | 19.5  | 15.6  | 23.4  |



Abundance Ion 178.00 (177.70 to 178.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 76.81 ng/uL

RT: 17.22 min Scan# 2402

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

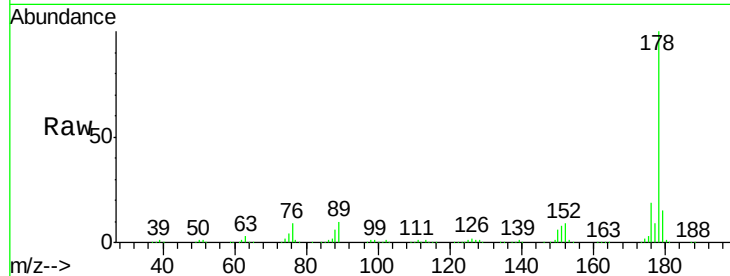
Tot Ion:178 Resp: 966608

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

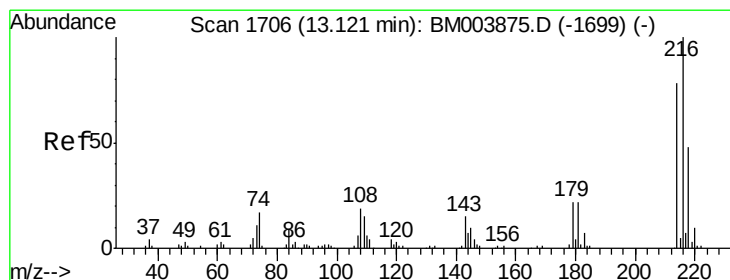
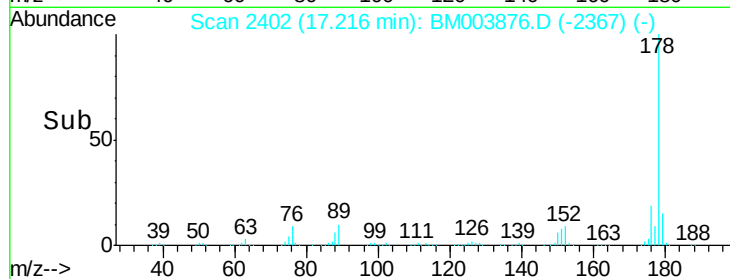
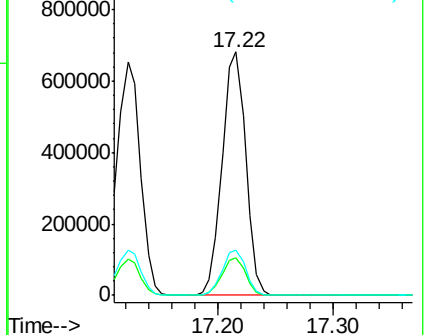
176 18.8 14.8 22.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#73

1,2,3,4-Tetrachlorobenzene

Concen: 101.72 ng/uL

RT: 13.12 min Scan# 1706

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

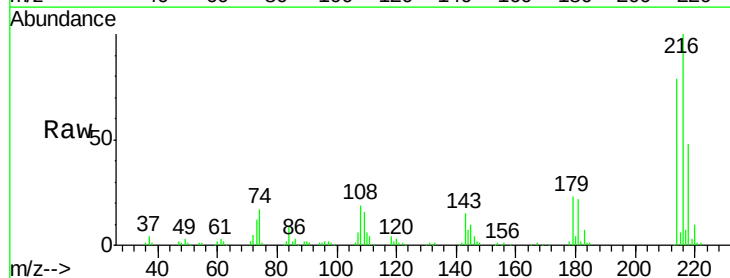
Tgt Ion:216 Resp: 310943

Ion Ratio Lower Upper

216 100

214 79.1 62.5 93.7

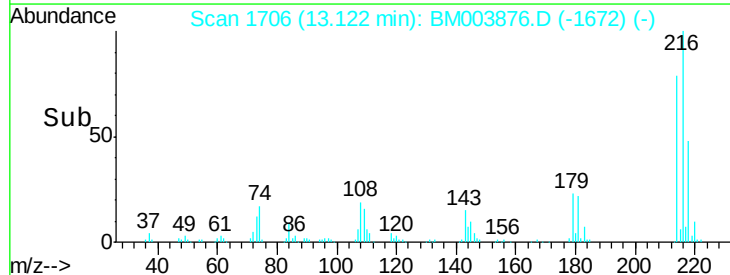
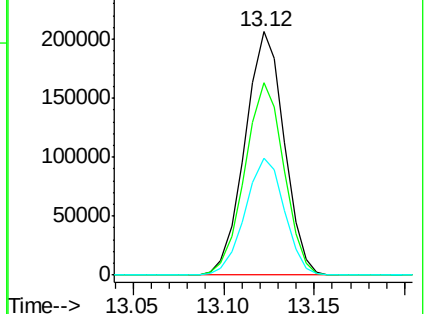
218 48.1 38.4 57.6

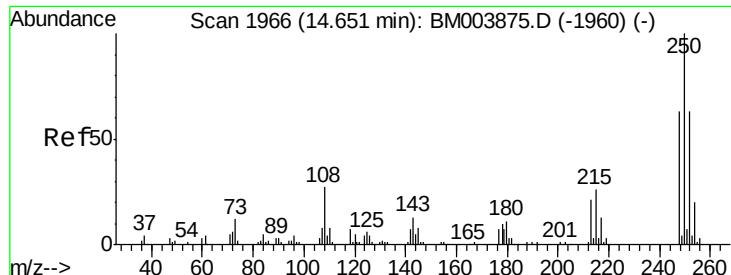


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 91.07 ng/uL

RT: 14.65 min Scan# 1966

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

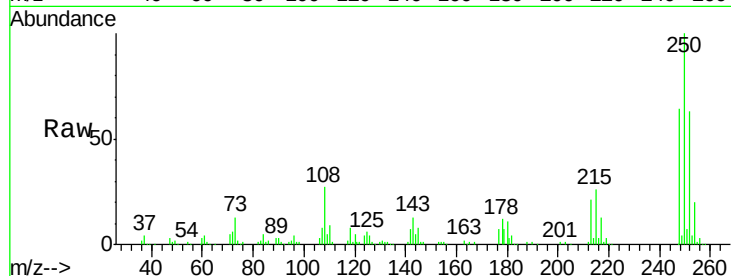
Tot Ion:250 Resp: 262226

Ion Ratio Lower Upper

250 100

248 63.6 50.6 75.8

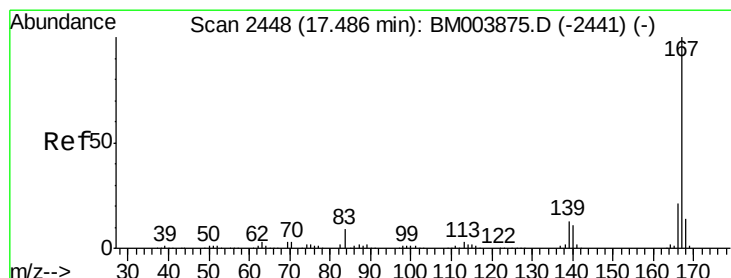
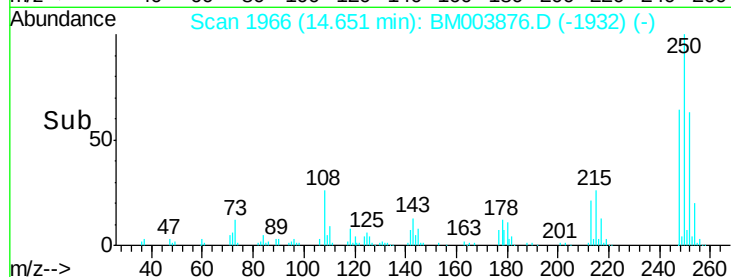
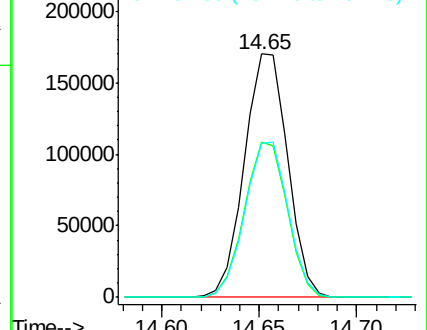
252 63.2 51.4 77.0



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 76.12 ng/uL

RT: 17.49 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

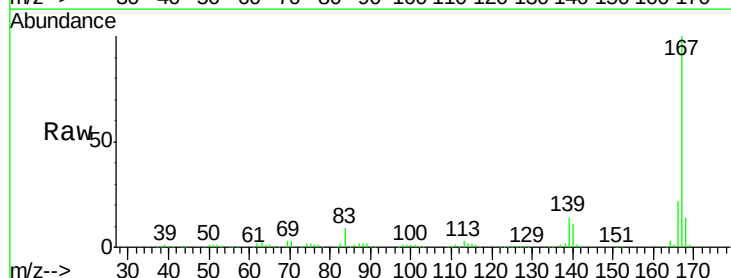
Tgt Ion:167 Resp: 874221

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

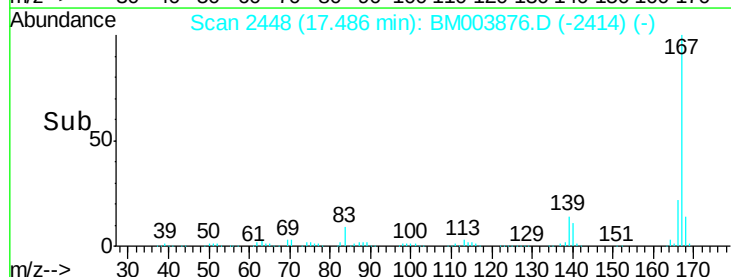
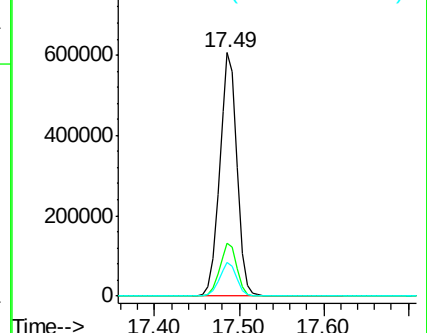
139 13.9 11.0 16.4



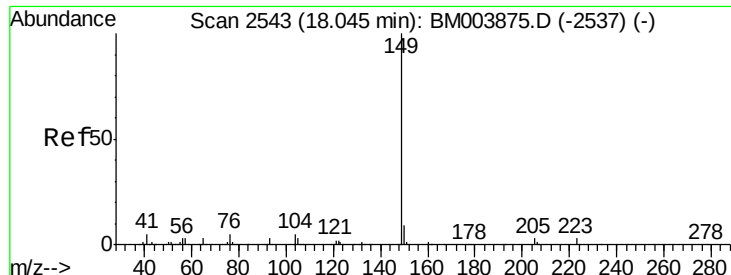
Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



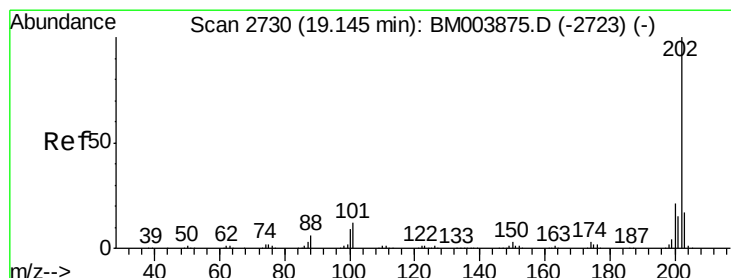
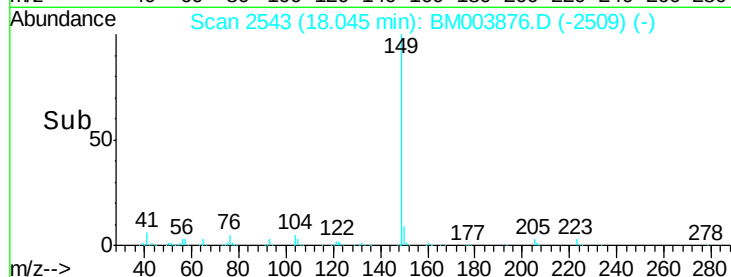
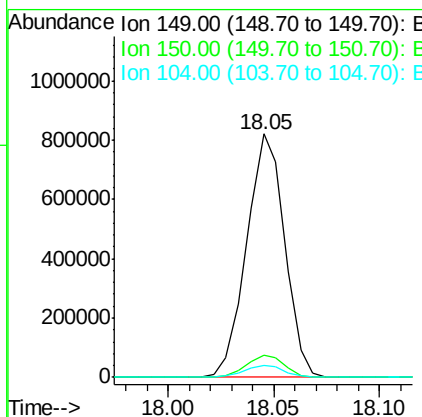
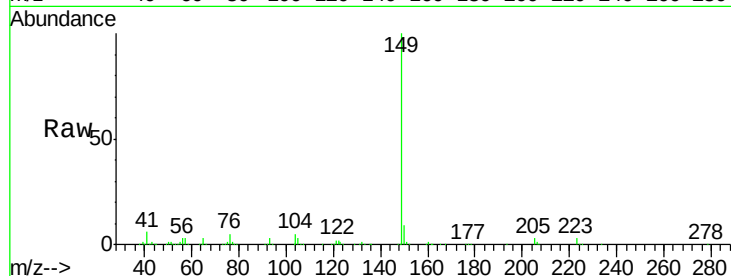




#76  
Di-n-butylphthalate  
Concen: 68.73 ng/ul  
RT: 18.05 min Scan# 2543  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

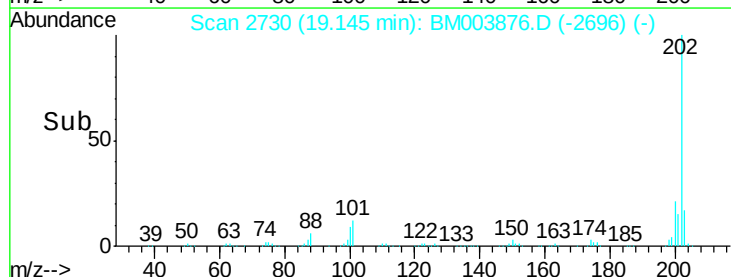
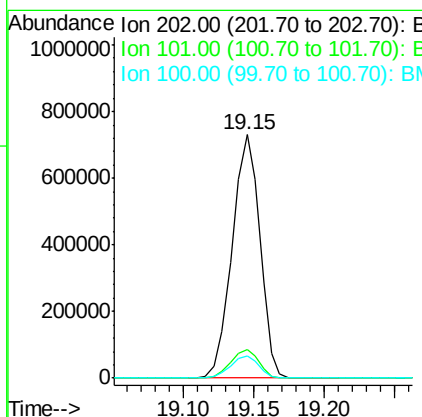
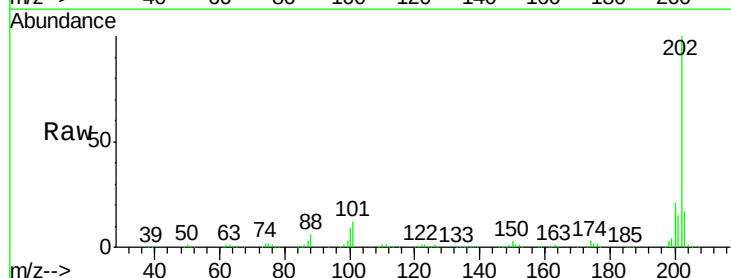
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

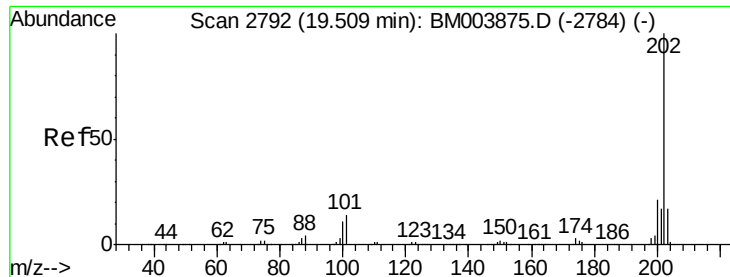
Tot Ion:149 Resp: 1026917  
Ion Ratio Lower Upper  
149 100  
150 9.3 7.4 11.0  
104 5.0 4.0 6.0



#77  
Fluoranthene  
Concen: 70.53 ng/ul  
RT: 19.15 min Scan# 2730  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:202 Resp: 1000420  
Ion Ratio Lower Upper  
202 100  
101 11.9 8.8 13.2  
100 9.2 6.6 9.8

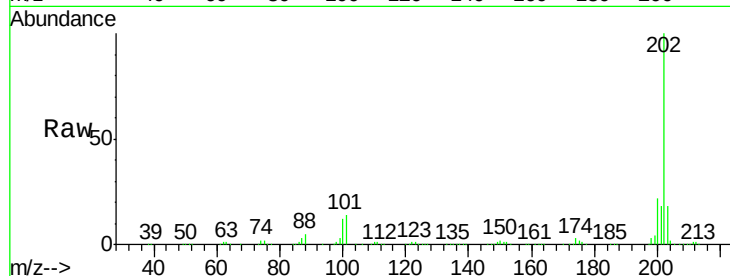




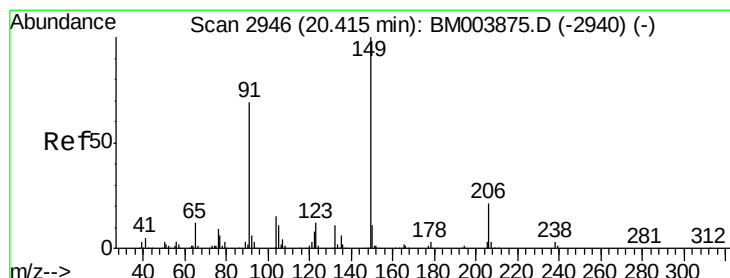
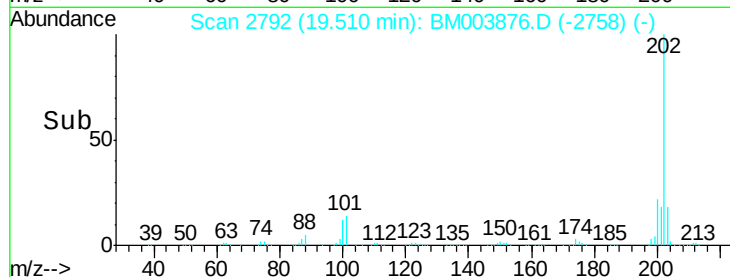
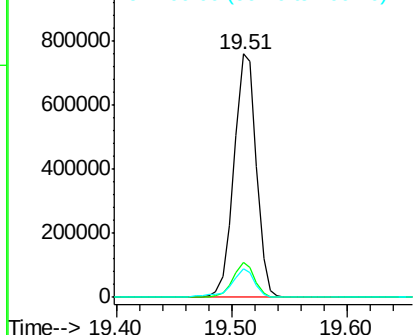
#80  
Pvrene  
Concen: 83.49 ng/ul  
RT: 19.51 min Scan# 2792  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

Tot Ion:202 Resp: 1014455  
Ion Ratio Lower Upper  
202 100  
101 14.1 10.2 15.2  
100 11.8 8.5 12.7

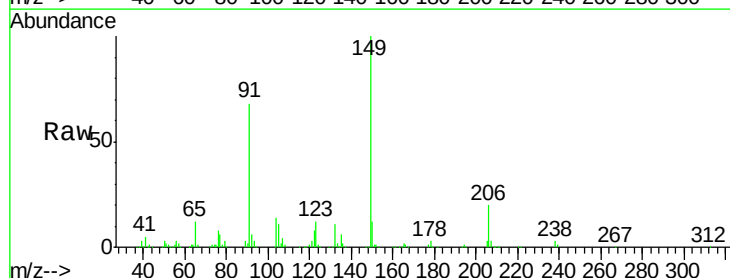


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 101.00 (100.70 to 101.70): E  
Ion 100.00 (99.70 to 100.70): B

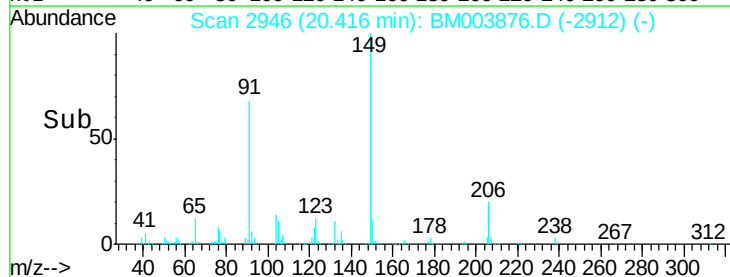
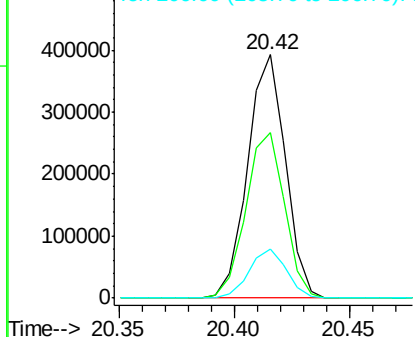


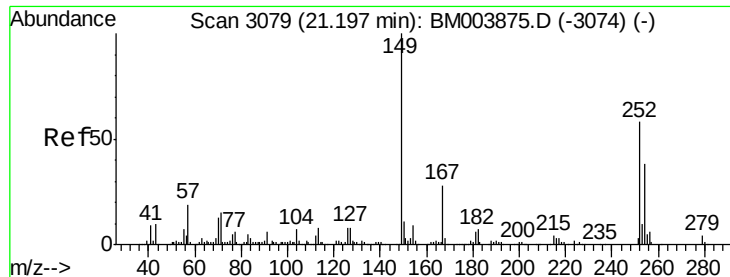
#81  
Butylbenzylphthalate  
Concen: 78.09 ng/ul  
RT: 20.42 min Scan# 2946  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:149 Resp: 448727  
Ion Ratio Lower Upper  
149 100  
91 67.9 53.4 80.2  
206 20.4 16.6 24.8



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

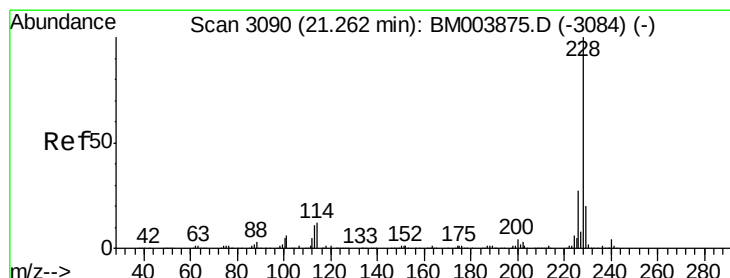
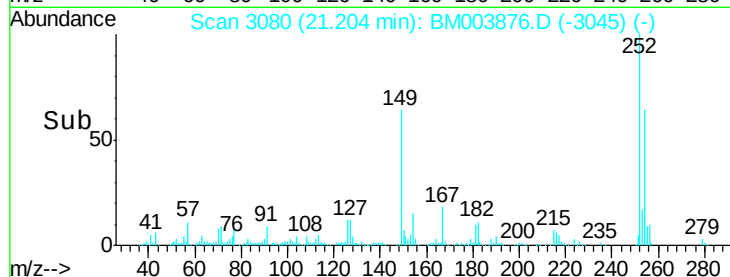
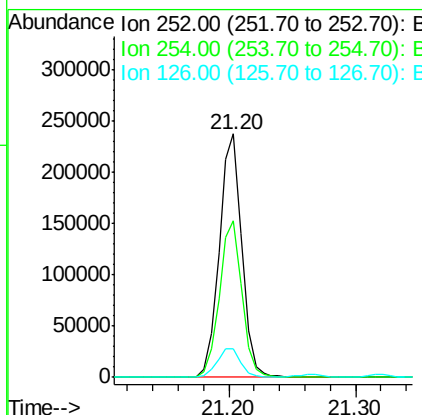
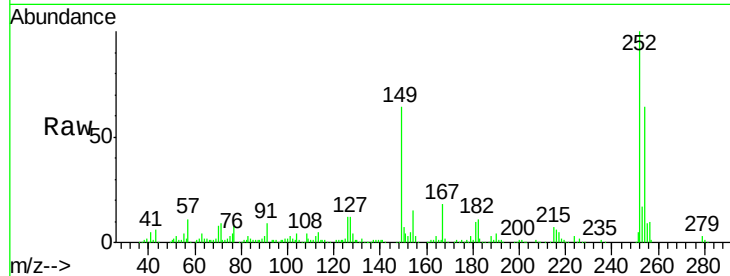




#82  
 3,3'-Dichlorobenzidine  
 Concen: 72.63 ng/ul  
 RT: 21.20 min Scan# 3080  
 Delta R.T. 0.01 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

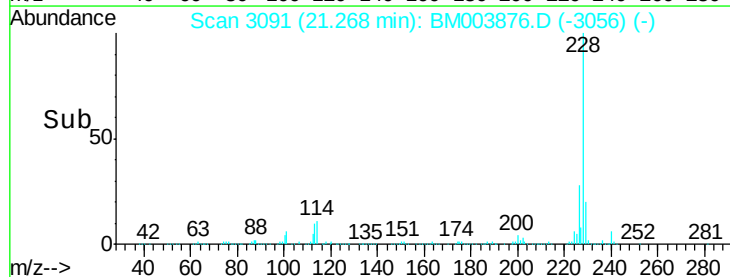
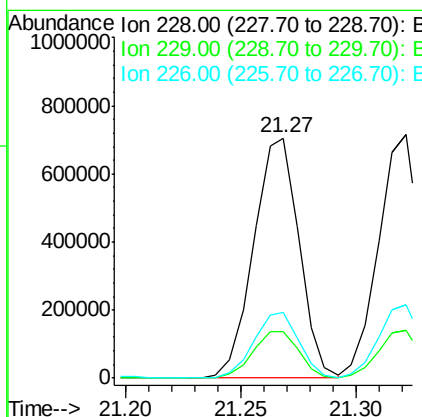
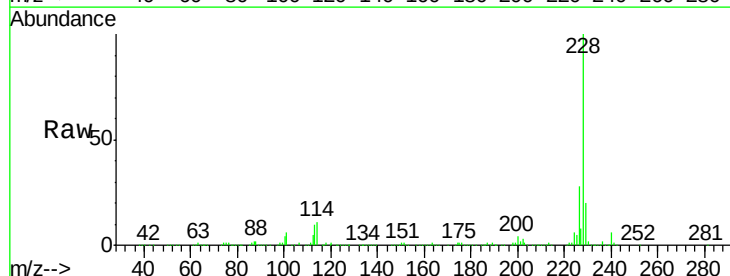
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD08041

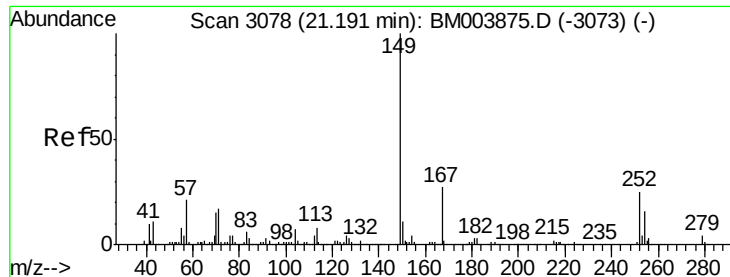
Tot Ion:252 Resp: 293121  
 Ion Ratio Lower Upper  
 252 100  
 254 64.1 52.2 78.2  
 126 11.7 9.4 14.2



#83  
 Benzo(a)anthracene  
 Concen: 75.74 ng/ul  
 RT: 21.27 min Scan# 3091  
 Delta R.T. 0.01 min  
 Lab File: BM003876.D  
 Acq: 30 Dec 2015 12:46

Tgt Ion:228 Resp: 963832  
 Ion Ratio Lower Upper  
 228 100  
 229 19.5 15.7 23.5  
 226 27.5 21.8 32.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 70.09 ng/ul

RT: 21.19 min Scan# 3078

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

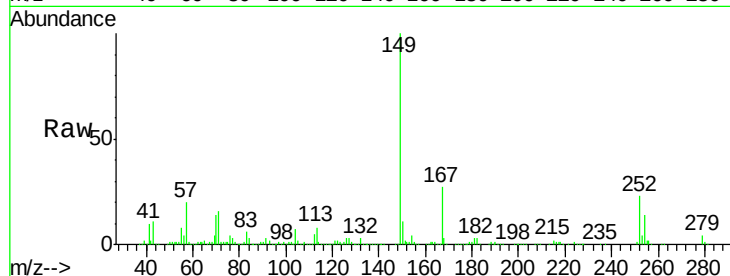
Tot Ion:149 Resp: 599445

Ion Ratio Lower Upper

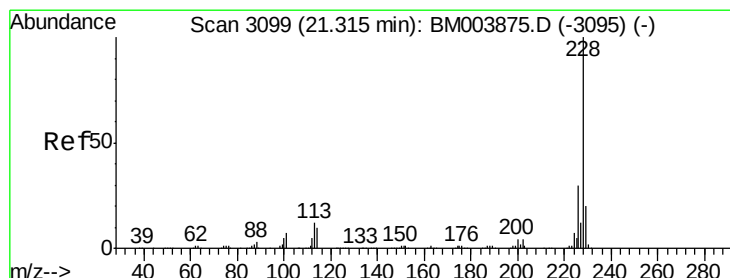
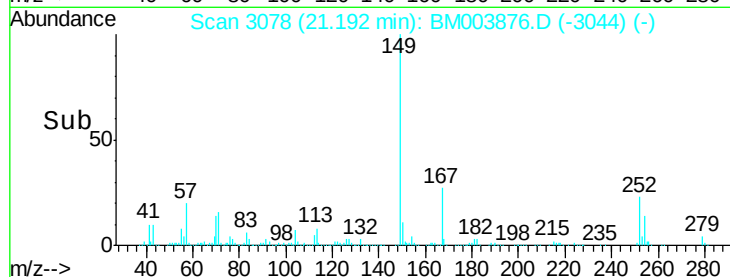
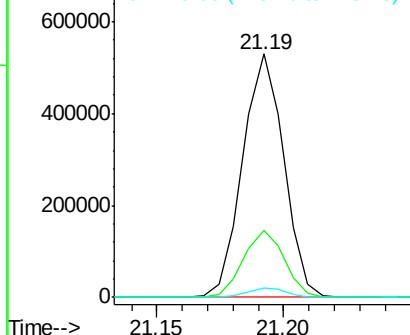
149 100

167 27.3 21.6 32.4

279 3.8 3.0 4.4



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 279.00 (278.70 to 279.70): E



#85

Chrysene

Concen: 74.15 ng/ul

RT: 21.32 min Scan# 3100

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

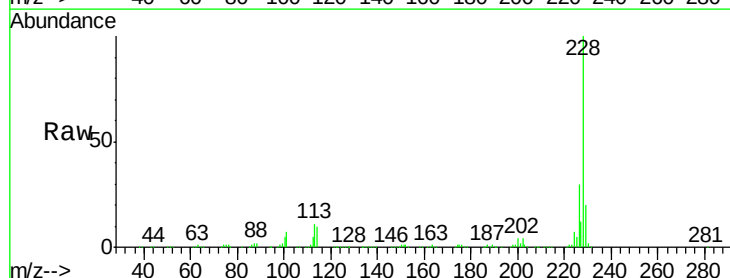
Tgt Ion:228 Resp: 910086

Ion Ratio Lower Upper

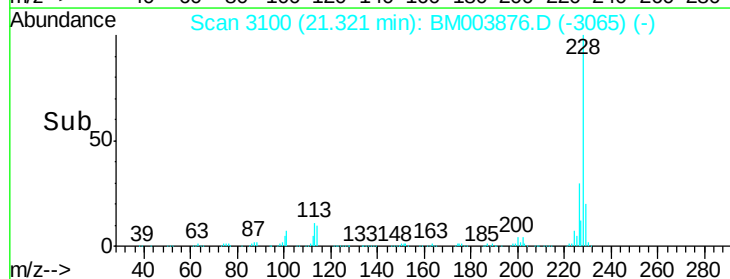
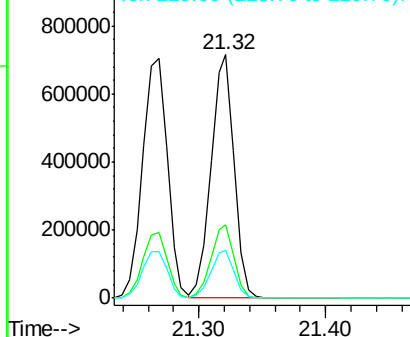
228 100

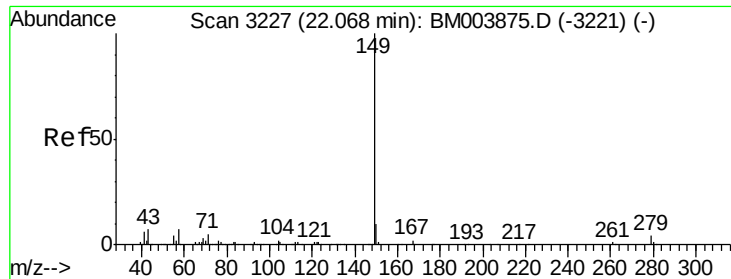
226 30.2 24.0 36.0

229 19.7 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E  
Ion 226.00 (225.70 to 226.70): E  
Ion 229.00 (228.70 to 229.70): E

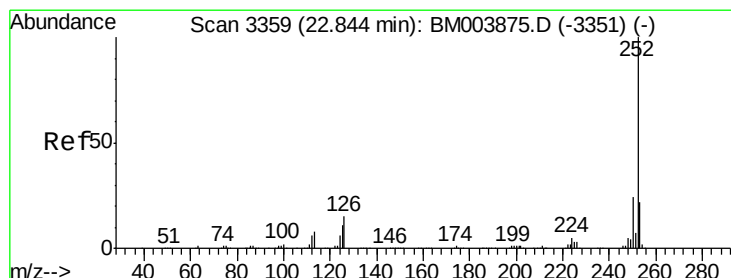
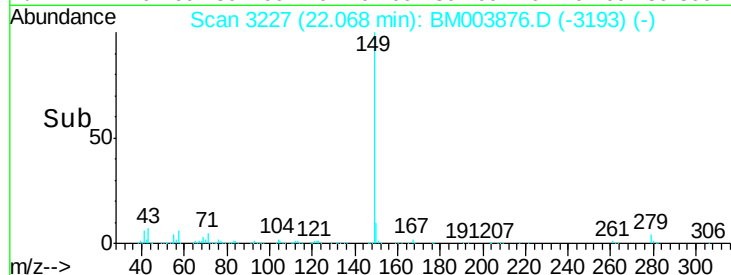
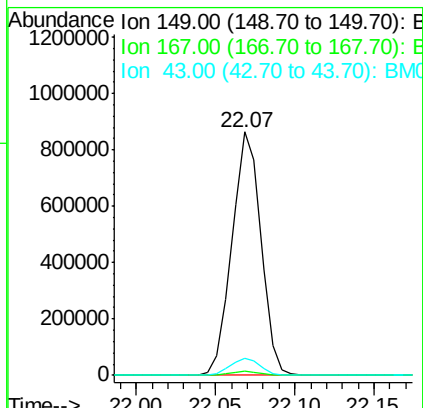
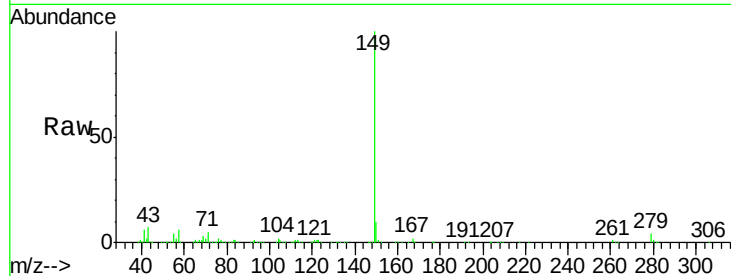




#87  
Di-n-octyl phthalate  
Concen: 72.63 ng/ul  
RT: 22.07 min Scan# 3227  
Delta R.T. 0.00 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

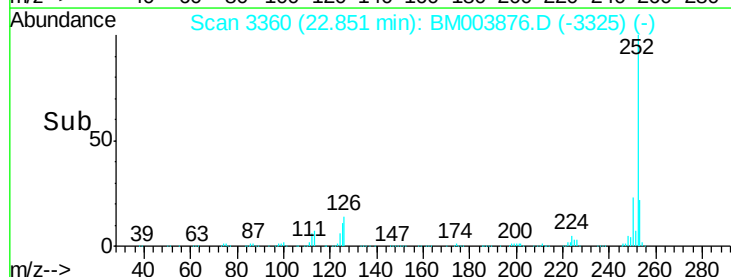
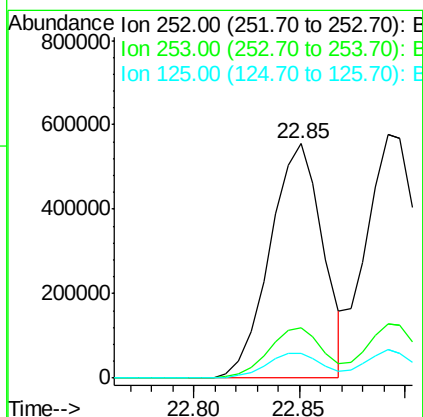
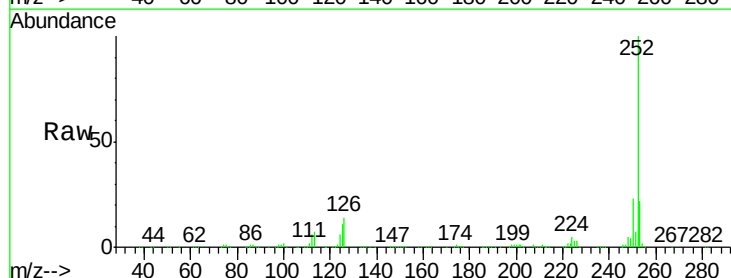
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD08041

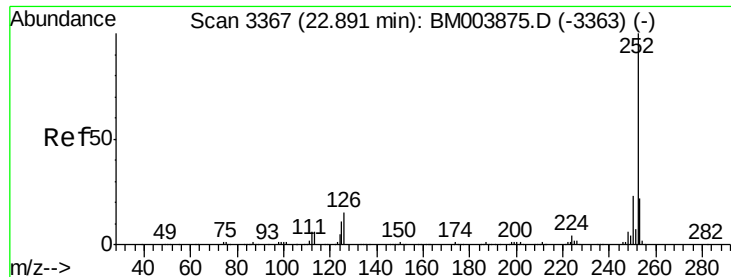
Tot Ion:149 Resp: 1088359  
Ion Ratio Lower Upper  
149 100  
167 1.5 1.2 1.8  
43 7.2 5.6 8.4



#88  
Benzo(b)fluoranthene  
Concen: 74.03 ng/ul  
RT: 22.85 min Scan# 3360  
Delta R.T. 0.01 min  
Lab File: BM003876.D  
Acq: 30 Dec 2015 12:46

Tgt Ion:252 Resp: 967924  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.5 26.3  
125 10.8 8.5 12.7





#89

Benzo(k)fluoranthene

Concen: 77.21 ng/ul

RT: 22.89 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

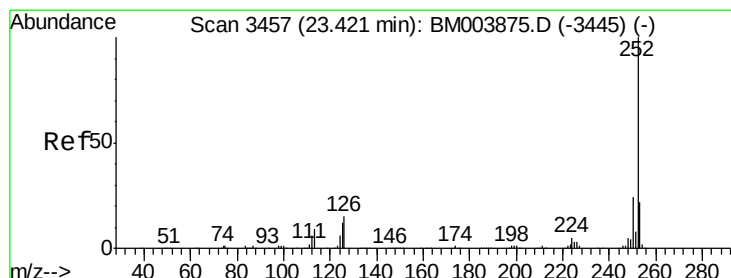
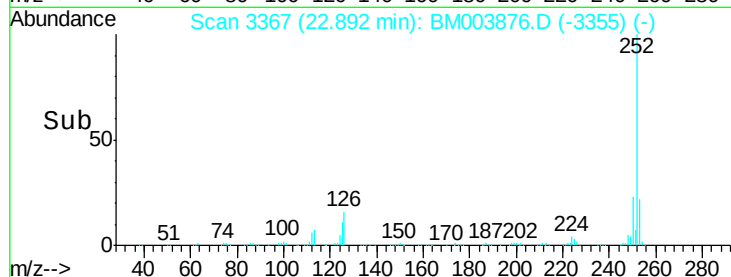
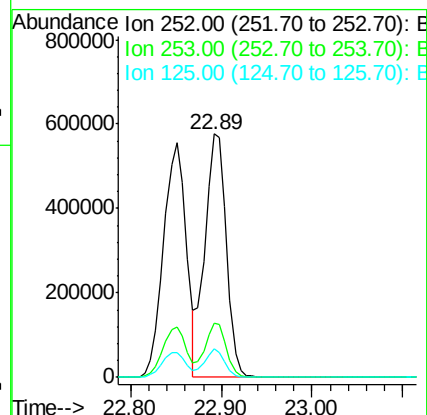
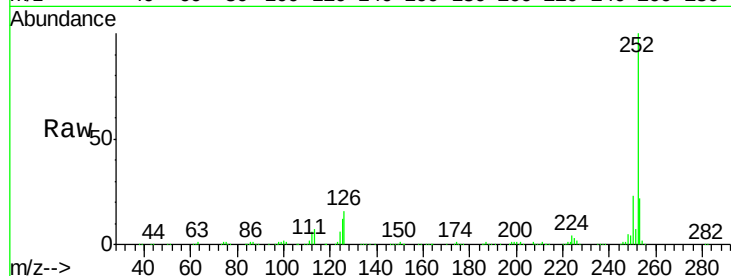
Tot Ion:252 Resp: 956367

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 11.5 8.2 12.2



#91

Benzo(a)pyrene

Concen: 77.24 ng/ul

RT: 23.43 min Scan# 3458

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

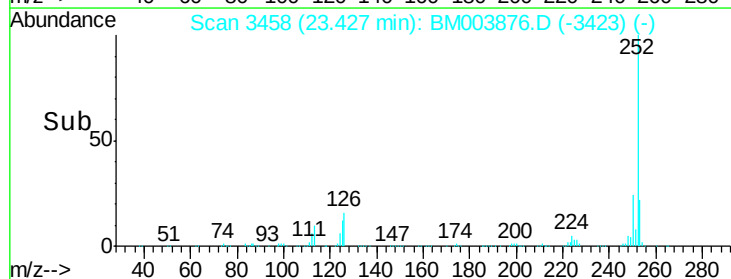
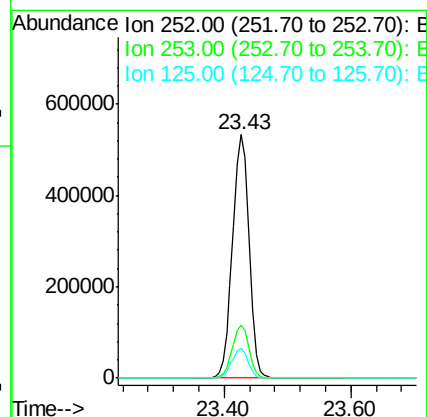
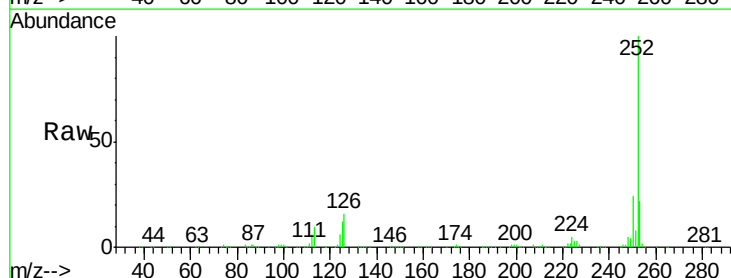
Tgt Ion:252 Resp: 965929

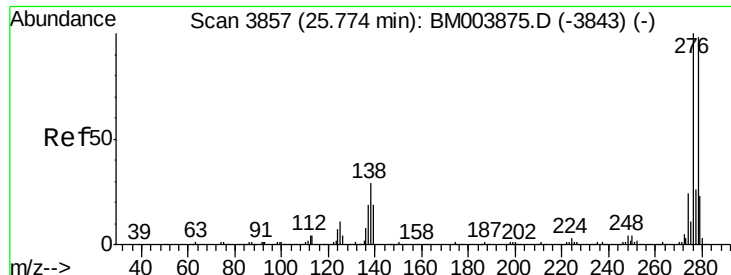
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 12.3 9.0 13.6





#92

Indeno(1,2,3-cd)pyrene

Concen: 85.06 ng/ul

RT: 25.79 min Scan# 3859

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

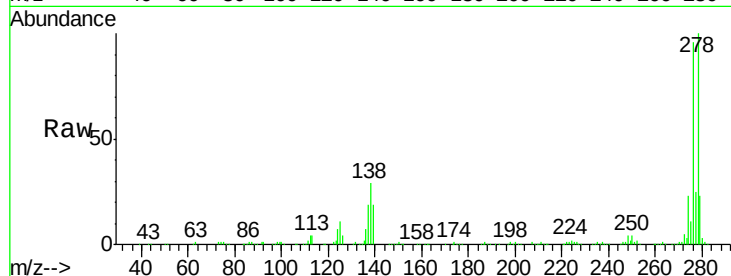
Tot Ion:276 Resp: 1144966

Ion Ratio Lower Upper

276 100

138 29.8 22.3 33.5

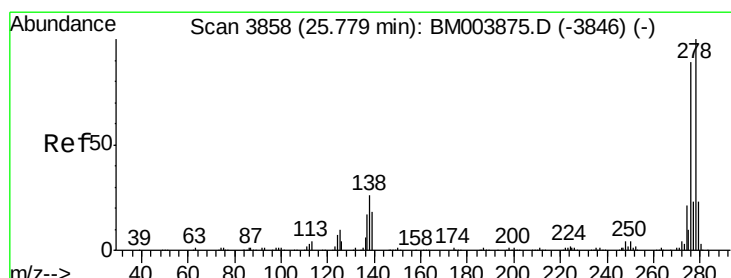
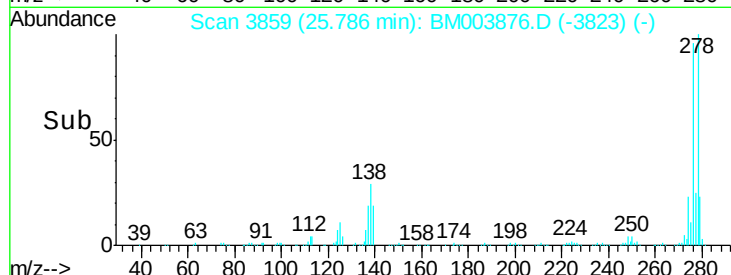
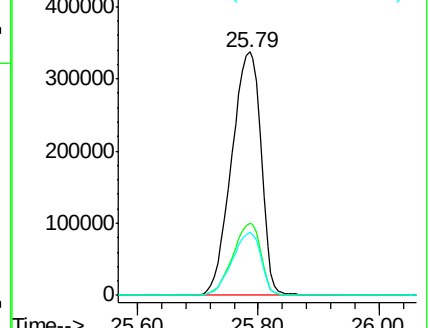
277 25.8 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#93

Dibenzo(a,h)anthracene

Concen: 84.43 ng/ul

RT: 25.79 min Scan# 3860

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

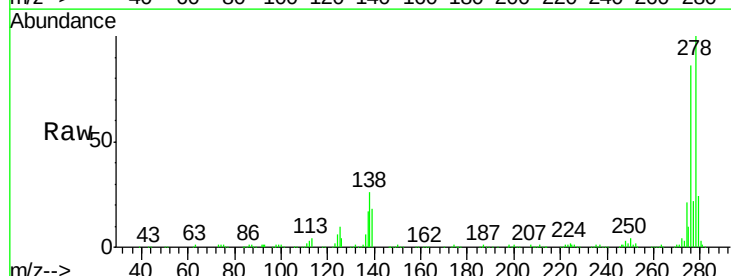
Tgt Ion:278 Resp: 953394

Ion Ratio Lower Upper

278 100

139 18.2 13.9 20.9

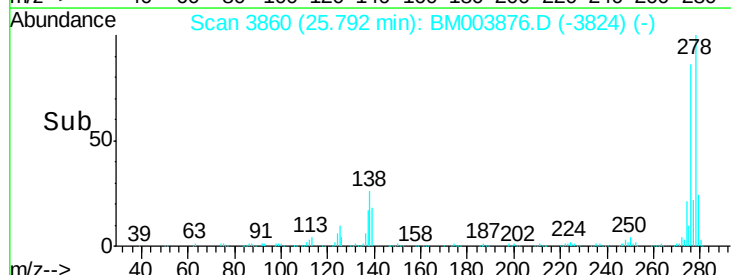
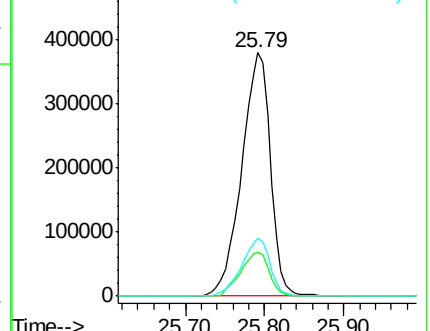
279 23.6 19.0 28.4

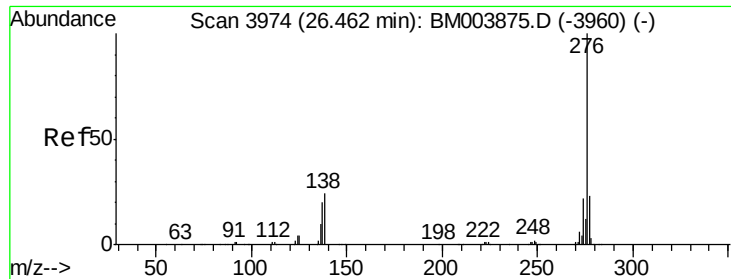


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#94

Benzo(a,h,i)perylene

Concen: 88.66 ng/ul

RT: 26.47 min Scan# 3976

Delta R.T. 0.01 min

Lab File: BM003876.D

Acq: 30 Dec 2015 12:46

Instrument :

BNA\_M

ClientSampleId :

SSTD08041

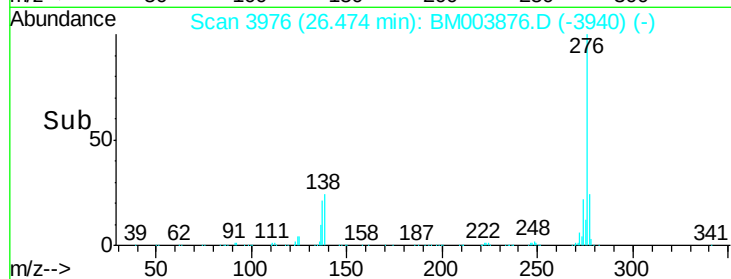
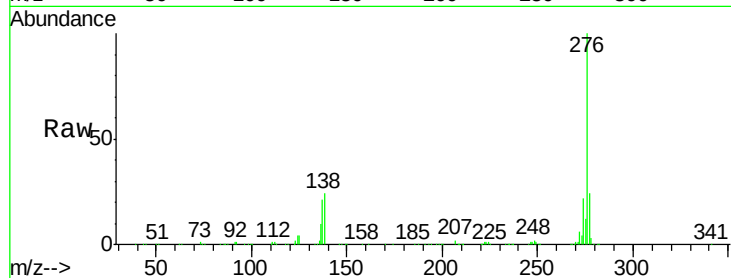
Tot Ion:276 Resp: 980159

Ion Ratio Lower Upper

276 100

138 23.9 18.9 28.3

277 23.6 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

