

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071015\  
 Data File : BM001896.D  
 Acq On : 10 Jul 2015 18:00  
 Operator : TP/UM  
 Sample : SSTD16035  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

Quant Time: Jul 11 01:09:51 2015  
 Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\SOM02.2-EPA-BM071015.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 11 01:06:11 2015  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.66  | 152  | 62776    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.45 | 136  | 271804   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.32 | 164  | 174230   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.07 | 188  | 399941   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.27 | 240  | 499277   | 20.00 | ng/ul | 0.01     |
| 85) Perylene-d12          | 23.50 | 264  | 501432   | 20.00 | ng/ul | 0.01     |

## System Monitoring Compounds

|                                |       |     |         |        |       |      |
|--------------------------------|-------|-----|---------|--------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.13  | 96  | 73107   | 47.39  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.85  | 99  | 854228  | 139.84 | ng/ul | 0.02 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.00  | 67  | 434676  | 130.10 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.20  | 132 | 684006  | 141.89 | ng/ul | 0.01 |
| 13) 4-Methylphenol-d8          | 8.39  | 113 | 688088  | 138.15 | ng/ul | 0.02 |
| 19) Nitrobenzene-d5            | 8.83  | 128 | 326386  | 137.96 | ng/ul | 0.01 |
| 22) 2-Nitrophenol-d4           | 9.55  | 143 | 384726  | 146.06 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.09 | 165 | 752835  | 136.62 | ng/ul | 0.02 |
| 29) 4-Chloroaniline-d4         | 10.60 | 131 | 521424  | 89.69  | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.75 | 166 | 2086727 | 128.44 | ng/ul | 0.02 |
| 46) Acenaphthylene-d8          | 14.02 | 160 | 2552867 | 123.50 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 379575  | 128.31 | ng/ul | 0.04 |
| 57) Fluorene-d10               | 15.32 | 176 | 1800626 | 122.65 | ng/ul | 0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.47 | 200 | 433109  | 140.82 | ng/ul | 0.02 |
| 70) Anthracene-d10             | 17.17 | 188 | 2818409 | 123.78 | ng/ul | 0.01 |
| 78) Pyrene-d10                 | 19.47 | 212 | 3202343 | 123.08 | ng/ul | 0.00 |
| 89) Benzo(a)pyrene-d12         | 23.37 | 264 | 3775968 | 133.27 | ng/ul | 0.02 |

## Target Compounds

|                                |       |     |         |        |       | Qvalue |
|--------------------------------|-------|-----|---------|--------|-------|--------|
| 2) 1,4-Dioxane                 | 3.16  | 88  | 75756   | 43.54  | ng/ul | 98     |
| 4) Benzaldehyde                | 6.80  | 77  | 296028  | 76.77  | ng/ul | 97     |
| 6) Phenol                      | 6.87  | 94  | 877328  | 139.16 | ng/ul | 99     |
| 8) Bis(2-Chloroethyl)ether     | 7.10  | 93  | 616218  | 132.79 | ng/ul | 98     |
| 10) 2-Chlorophenol             | 7.23  | 128 | 696103  | 140.03 | ng/ul | 99     |
| 11) 2-Methylphenol             | 8.11  | 108 | 664397  | 140.97 | ng/ul | 99     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.20  | 45  | 696713  | 125.73 | ng/ul | 99     |
| 14) Acetophenone               | 8.50  | 105 | 1072631 | 136.63 | ng/ul | 98     |
| 15) N-Nitroso-di-n-propylamine | 8.51  | 70  | 540710  | 139.35 | ng/ul | 99     |
| 16) 4-Methylphenol             | 8.46  | 108 | 722379  | 140.53 | ng/ul | 98     |
| 17) Hexachloroethane           | 8.73  | 117 | 260289  | 133.66 | ng/ul | 96     |
| 20) Nitrobenzene               | 8.88  | 77  | 782782  | 126.59 | ng/ul | 98     |
| 21) Isophorone                 | 9.41  | 82  | 1433047 | 133.78 | ng/ul | 99     |
| 23) 2-Nitrophenol              | 9.58  | 139 | 404678  | 141.37 | ng/ul | 98     |
| 24) 2,4-Dimethylphenol         | 9.65  | 107 | 827639  | 129.88 | ng/ul | 99     |
| 25) Bis(2-Chloroethoxy)methane | 9.88  | 93  | 833154  | 127.80 | ng/ul | 100    |
| 27) 2,4-Dichlorophenol         | 10.11 | 162 | 726723  | 137.05 | ng/ul | 100    |
| 28) Naphthalene                | 10.50 | 128 | 2103242 | 126.39 | ng/ul | 100    |
| 30) 4-Chloroaniline            | 10.62 | 127 | 535389  | 90.72  | ng/ul | 96     |
| 31) Hexachlorobutadiene        | 10.78 | 225 | 497119  | 126.27 | ng/ul | 99     |
| 32) Caprolactam                | 11.47 | 113 | 219202  | 112.61 | ng/ul | 98     |
| 33) 4-Chloro-3-methylphenol    | 11.78 | 107 | 760636  | 133.43 | ng/ul | 99     |
| 34) 2-Methylnaphthalene        | 12.13 | 142 | 1580752 | 129.62 | ng/ul | 99     |

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 BNA\_M  
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 Quant Title : SVOA CALIBRATION  
 QLast Update : Sat Jul 11 01:06:11 2015  
 Response via : Initial Calibration

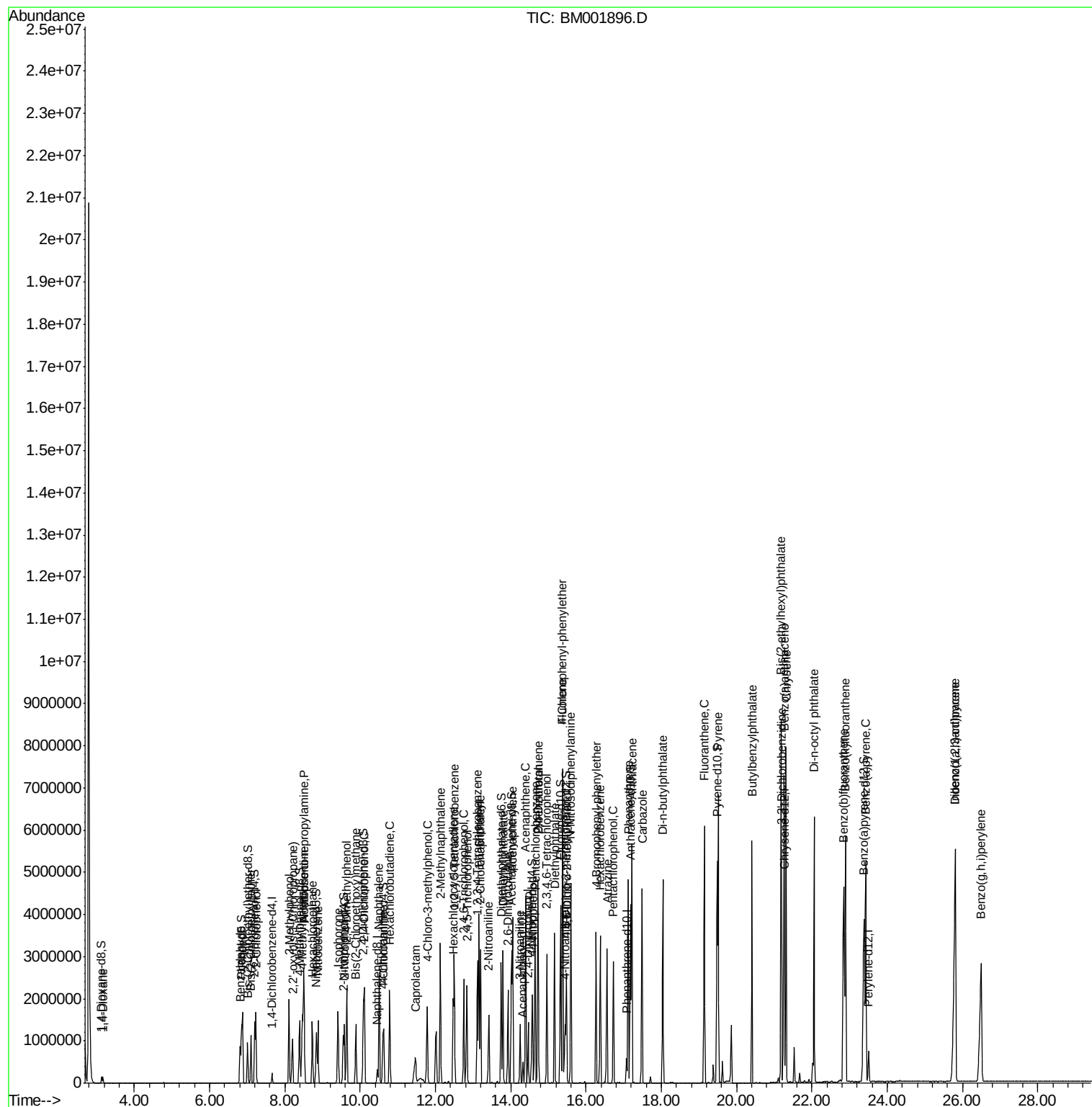
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.50 | 216  | 956482   | 122.04 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.47 | 237  | 598486   | 128.09 | ng/ul  | 100      |
| 38) 2,4,6-Trichlorophenol      | 12.75 | 196  | 622173   | 131.78 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 12.83 | 196  | 669500   | 129.67 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.16 | 154  | 2100547  | 121.93 | ng/ul  | 100      |
| 41) 2-Chloronaphthalene        | 13.20 | 162  | 1637240  | 121.20 | ng/ul  | 100      |
| 42) 2-Nitroaniline             | 13.42 | 65   | 486102   | 130.97 | ng/ul  | 99       |
| 44) Dimethylphthalate          | 13.79 | 163  | 2108630  | 121.93 | ng/ul  | 100      |
| 45) 2,6-Dinitrotoluene         | 13.92 | 165  | 466857   | 137.57 | ng/ul  | 98       |
| 47) Acenaphthylene             | 14.05 | 152  | 2604094  | 123.43 | ng/ul  | 100      |
| 48) 3-Nitroaniline             | 14.25 | 138  | 355486   | 110.86 | ng/ul  | 97       |
| 49) Acenaphthene               | 14.39 | 153  | 1736638  | 123.81 | ng/ul  | 100      |
| 50) 2,4-Dinitrophenol          | 14.46 | 184  | 319440   | 150.08 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 14.58 | 109  | 359267   | 119.92 | ng/ul  | 98       |
| 53) Dibenzofuran               | 14.73 | 168  | 2490390  | 123.23 | ng/ul  | 100      |
| 54) 2,4-Dinitrotoluene         | 14.72 | 165  | 680416   | 136.49 | ng/ul  | 90       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.96 | 232  | 613950   | 136.08 | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.16 | 149  | 2097115  | 125.63 | ng/ul  | 99       |
| 58) Fluorene                   | 15.38 | 166  | 2132723  | 126.26 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.37 | 204  | 1142013  | 125.27 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.44 | 138  | 415607   | 116.89 | ng/ul  | 98       |
| 63) 4,6-Dinitro-2-methylphenol | 15.49 | 198  | 453646   | 138.71 | ng/ul  | 95       |
| 64) N-Nitrosodiphenylamine     | 15.59 | 169  | 1801888  | 125.72 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.27 | 248  | 701809   | 127.42 | ng/ul  | 96       |
| 66) Hexachlorobenzene          | 16.38 | 284  | 769265   | 125.67 | ng/ul  | 99       |
| 67) Atrazine                   | 16.56 | 200  | 711585   | 122.23 | ng/ul  | 99       |
| 68) Pentachlorophenol          | 16.73 | 266  | 530264   | 137.52 | ng/ul  | 99       |
| 69) Phenanthrene               | 17.12 | 178  | 3261401  | 123.60 | ng/ul  | 99       |
| 71) Anthracene                 | 17.22 | 178  | 3380484  | 124.52 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.12 | 216  | 952743   | 125.51 | ng/uL  | 99       |
| 73) Pentachlorobenzene         | 14.65 | 250  | 915820   | 127.11 | ng/uL  | 99       |
| 74) Carbazole                  | 17.49 | 167  | 2966043  | 124.22 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.04 | 149  | 3549406  | 134.48 | ng/ul  | 100      |
| 76) Fluoranthene               | 19.14 | 202  | 3964799  | 124.73 | ng/ul  | 98       |
| 79) Pyrene                     | 19.51 | 202  | 4133748  | 121.42 | ng/ul  | 97       |
| 80) Butylbenzylphthalate       | 20.40 | 149  | 1692667  | 141.54 | ng/ul  | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 1287303  | 112.53 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.26 | 228  | 4307239  | 120.64 | ng/ul  | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.18 | 149  | 2524273  | 141.76 | ng/ul  | 99       |
| 84) Chrysene                   | 21.32 | 228  | 4046031  | 120.28 | ng/ul  | 98       |
| 86) Di-n-octyl phthalate       | 22.06 | 149  | 4341213  | 135.51 | ng/ul  | 100      |
| 87) Benzo(b)fluoranthene       | 22.84 | 252  | 4562380  | 126.17 | ng/ul  | 98       |
| 88) Benzo(k)fluoranthene       | 22.89 | 252  | 4127308  | 120.10 | ng/ul  | 99       |
| 90) Benzo(a)pyrene             | 23.43 | 252  | 4284031  | 122.95 | ng/ul  | 99       |
| 91) Indeno(1,2,3-cd)pyrene     | 25.81 | 276  | 4889184  | 118.48 | ng/ul# | 94       |
| 92) Dibenzo(a,h)anthracene     | 25.81 | 278  | 4187417  | 119.97 | ng/ul  | 98       |
| 93) Benzo(g,h,i)perylene       | 26.49 | 276  | 3975104  | 115.08 | ng/ul  | 100      |

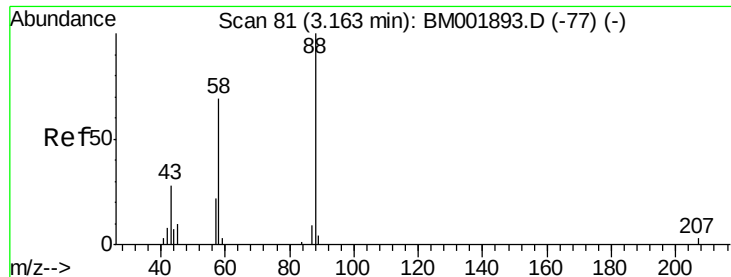
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA\_M\DATA\BM071015\  
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 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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#2

1,4-Dioxane

Concen: 43.54 ng/uL

RT: 3.16 min Scan# 81

Delta R.T. 0.00 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

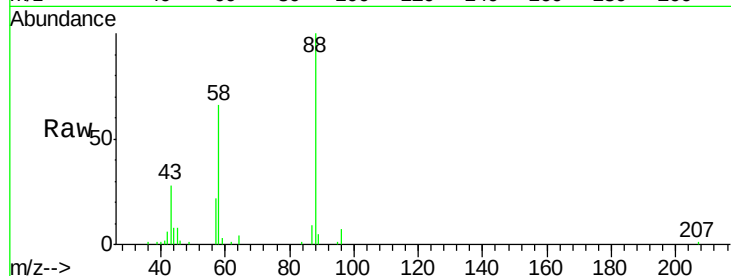
Tgt Ion: 88 Resp: 75756

Ion Ratio Lower Upper

88 100

43 28.6 25.2 37.8

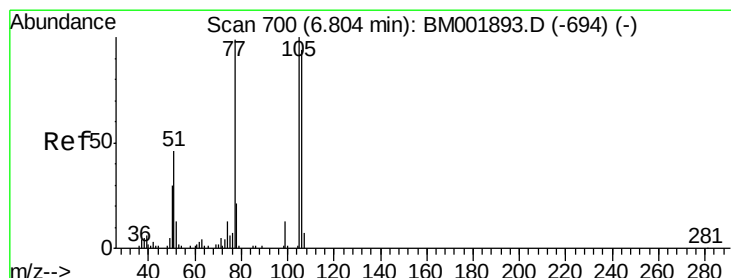
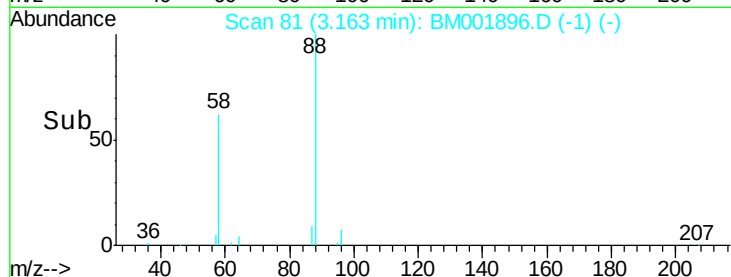
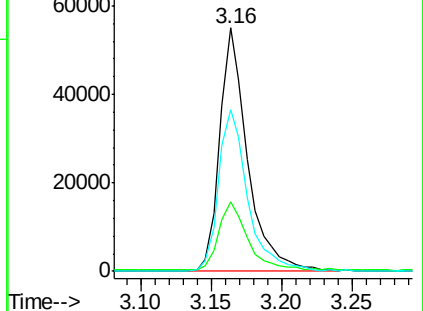
58 69.2 55.6 83.4



Abundance Ion 88.00 (87.70 to 88.70): BM001896.D (-77) (-)

Ion 43.00 (42.70 to 43.70): BM001896.D (-77) (-)

Ion 58.00 (57.70 to 58.70): BM001896.D (-77) (-)



#4

Benzaldehyde

Concen: 76.77 ng/uL

RT: 6.80 min Scan# 700

Delta R.T. 0.00 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

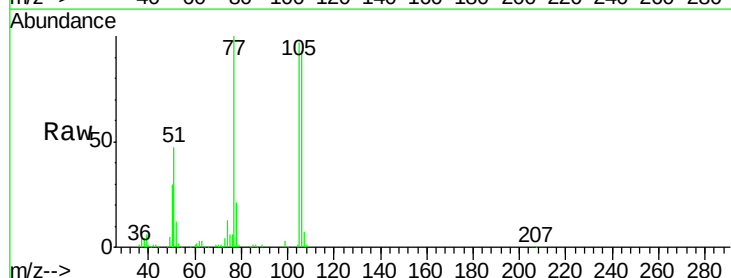
Tgt Ion: 77 Resp: 296028

Ion Ratio Lower Upper

77 100

105 97.1 80.7 121.1

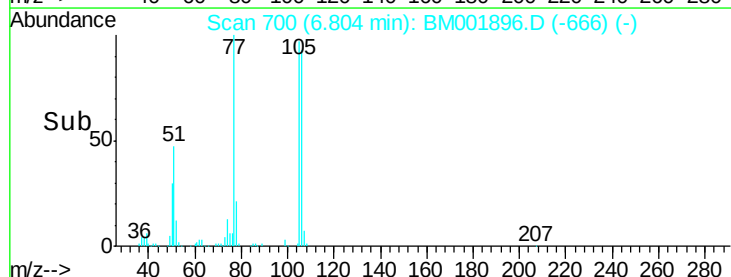
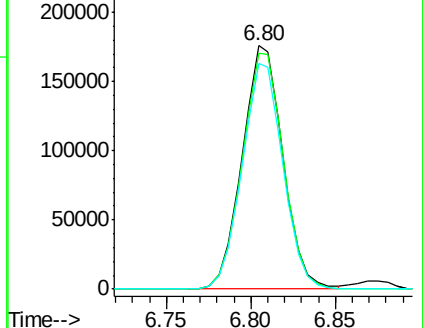
106 92.7 75.6 113.4

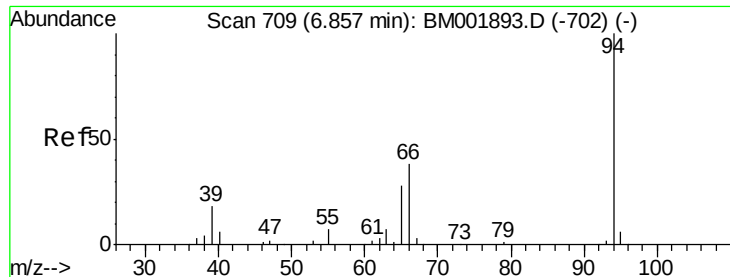


Abundance Ion 77.00 (76.70 to 77.70): BM001896.D (-694) (-)

Ion 105.00 (104.70 to 105.70): BM001896.D (-694) (-)

Ion 106.00 (105.70 to 106.70): BM001896.D (-694) (-)





#6

Phenol

Concen: 139.16 ng/ul

RT: 6.87 min Scan# 712

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

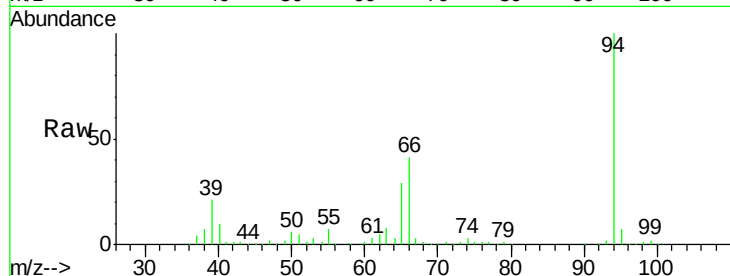
Tgt Ion: 94 Resp: 877328

Ion Ratio Lower Upper

94 100

65 28.9 23.1 34.7

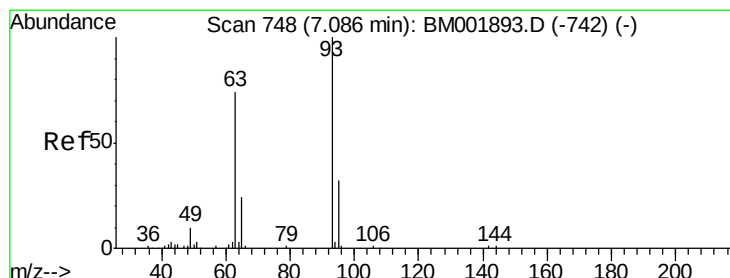
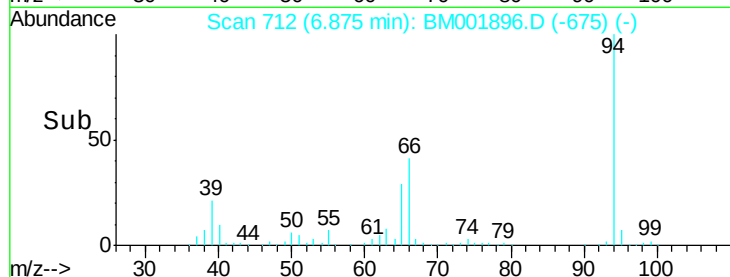
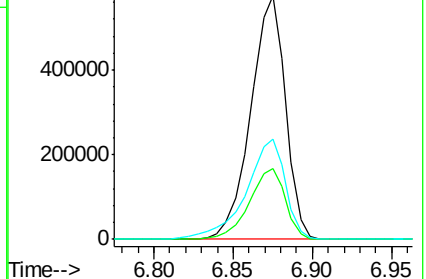
66 41.4 32.5 48.7



Abundance Ion 94.00 (93.70 to 94.70): BM001893.D (-702) (-)

Ion 65.00 (64.70 to 65.70): BM001893.D (-702) (-)

Ion 66.00 (65.70 to 66.70): BM001893.D (-702) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 132.79 ng/ul

RT: 7.10 min Scan# 750

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

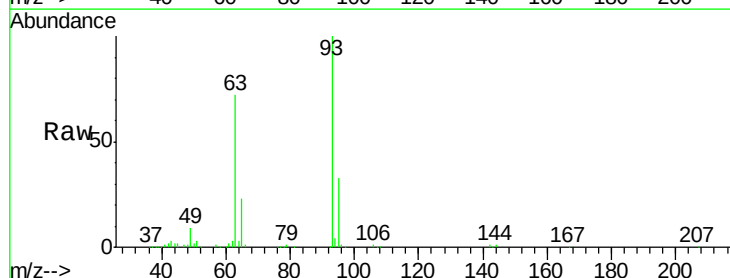
Tgt Ion: 93 Resp: 616218

Ion Ratio Lower Upper

93 100

63 71.6 59.1 88.7

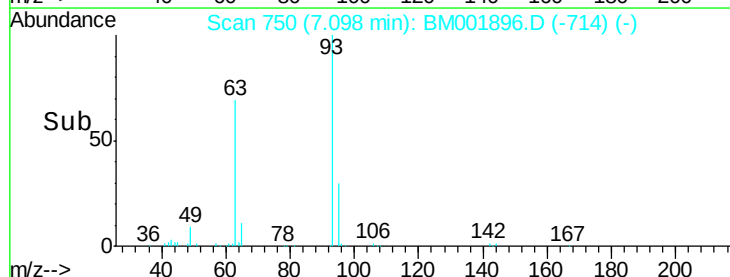
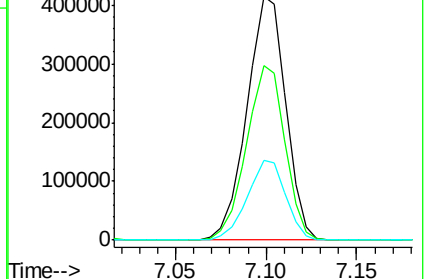
95 32.6 25.8 38.6

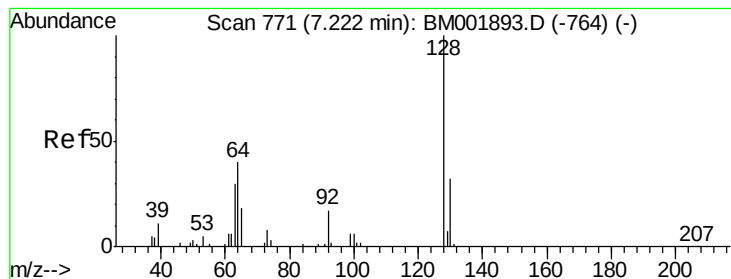


Abundance Ion 93.00 (92.70 to 93.70): BM001893.D (-742) (-)

Ion 63.00 (62.70 to 63.70): BM001893.D (-742) (-)

Ion 95.00 (94.70 to 95.70): BM001893.D (-742) (-)





#10

2-Chlorophenol

Concen: 140.03 ng/ul

RT: 7.23 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

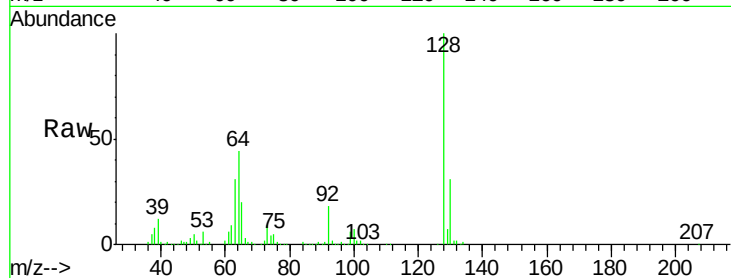
Tgt Ion:128 Resp: 696103

Ion Ratio Lower Upper

128 100

64 44.2 36.1 54.1

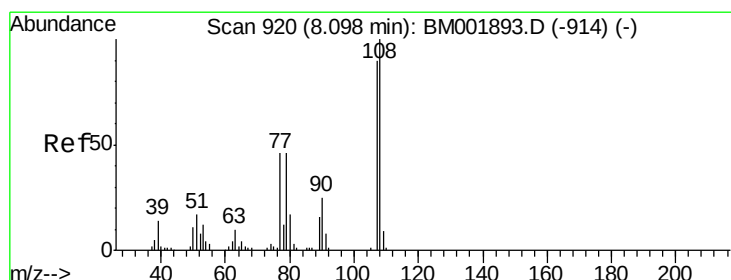
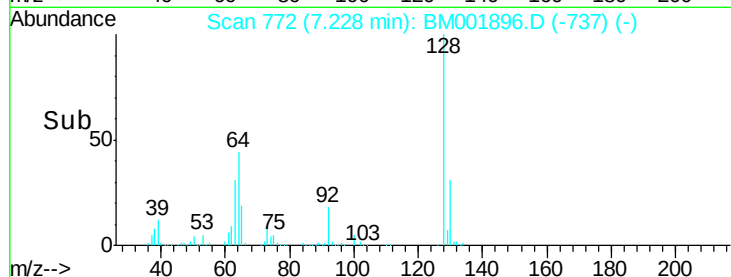
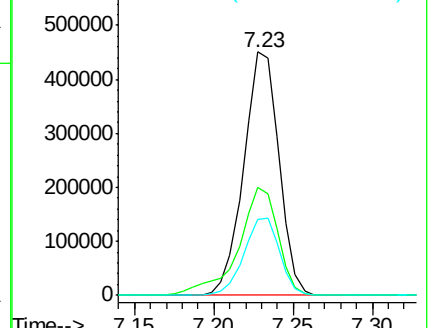
130 31.2 25.3 37.9



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: 140.97 ng/ul

RT: 8.11 min Scan# 922

Delta R.T. 0.01 min

Lab File: BM001896.D

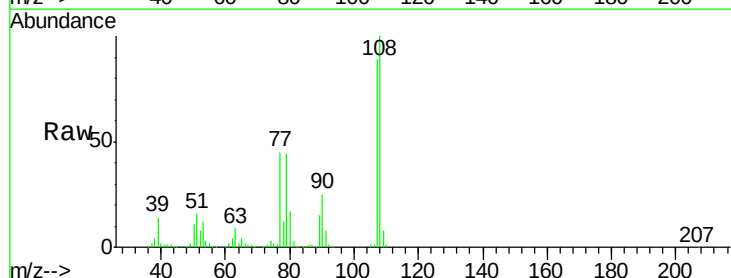
Acq: 10 Jul 2015 18:00

Tgt Ion:108 Resp: 664397

Ion Ratio Lower Upper

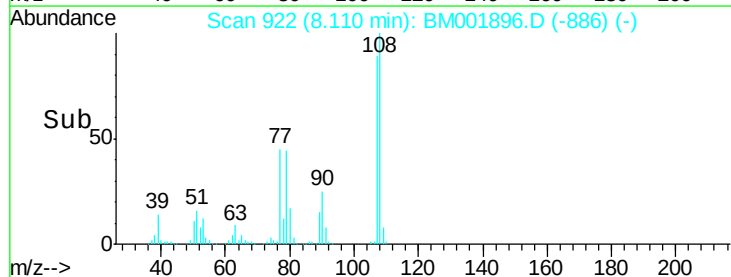
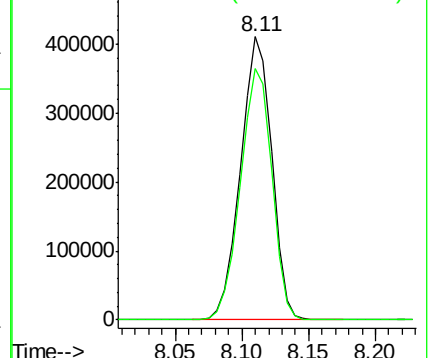
108 100

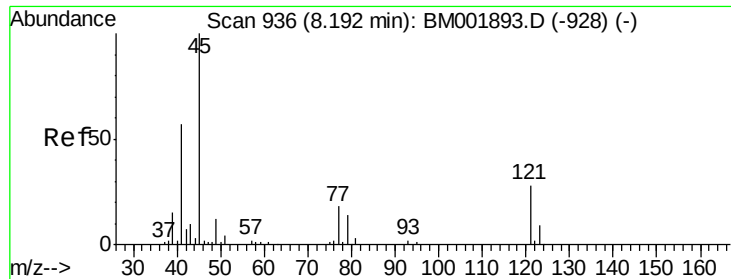
107 88.7 71.9 107.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

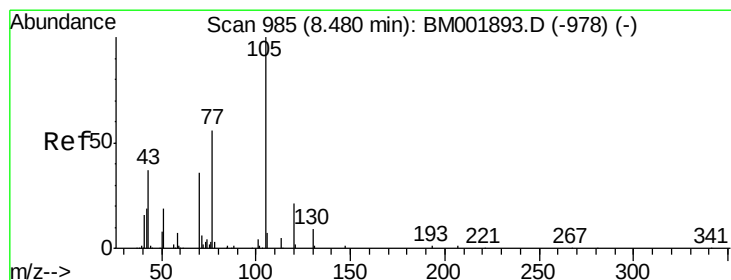
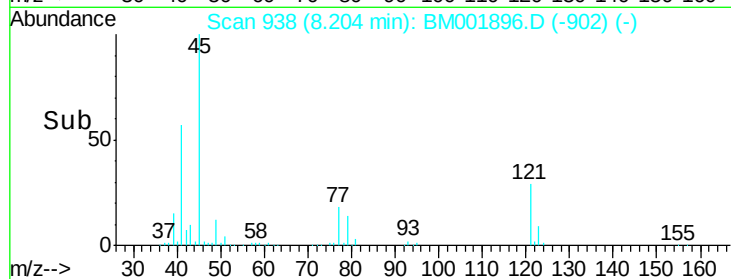
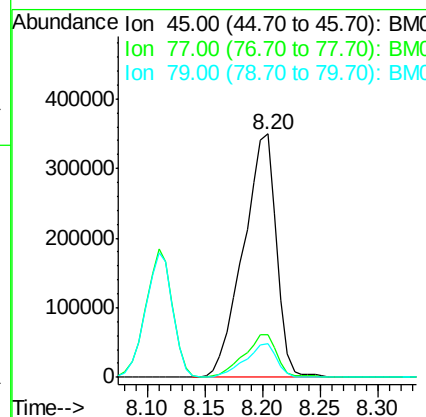
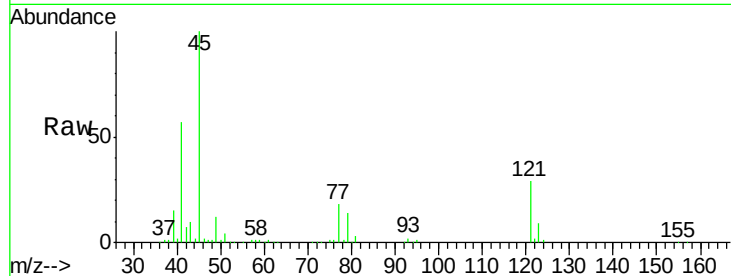




#12  
2,2'-oxybis(1-chloropropane)  
Concen: 125.73 ng/ul  
RT: 8.20 min Scan# 938  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

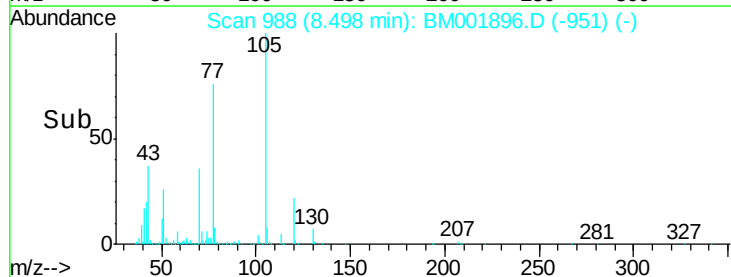
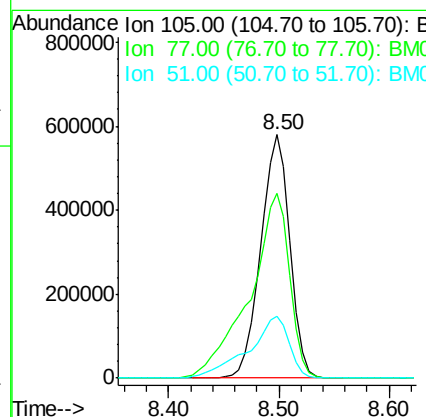
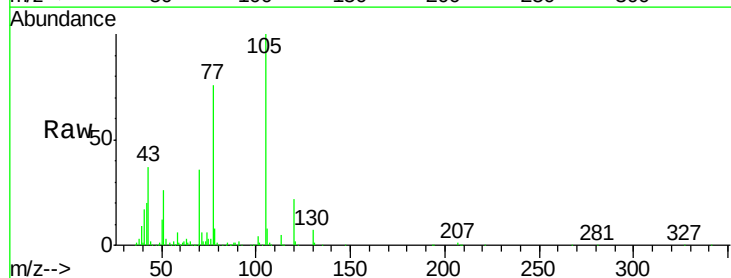
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 17.6  | 14.5  | 21.7  |
| 79      | 13.6  | 10.9  | 16.3  |

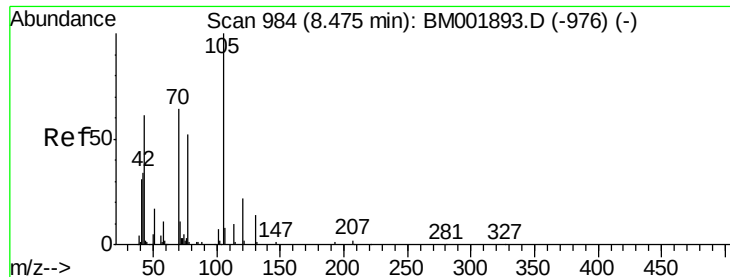


#14  
Acetophenone  
Concen: 136.63 ng/ul  
RT: 8.50 min Scan# 988  
Delta R.T. 0.02 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 76.0  | 62.2  | 93.4  |
| 51      | 25.6  | 21.4  | 32.0  |







#15

N-Nitroso-di-n-propylamine

Concen: 139.35 ng/ul

RT: 8.51 min Scan# 990

Delta R.T. 0.04 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

Tgt Ion: 70 Resp: 540710

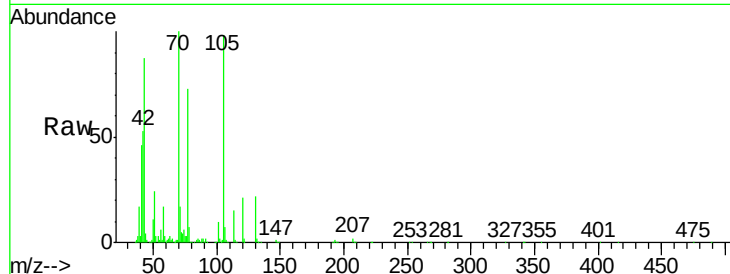
Ion Ratio Lower Upper

70 100

42 53.0 43.4 65.2

101 10.2 8.2 12.4

130 22.2 17.7 26.5



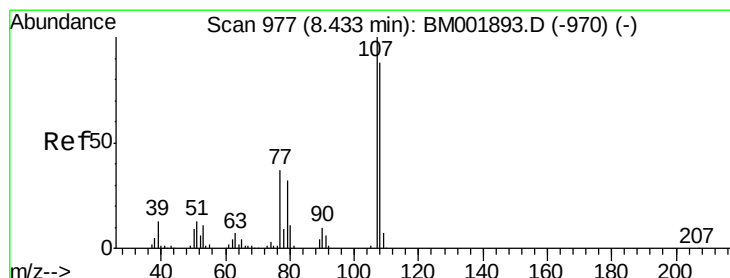
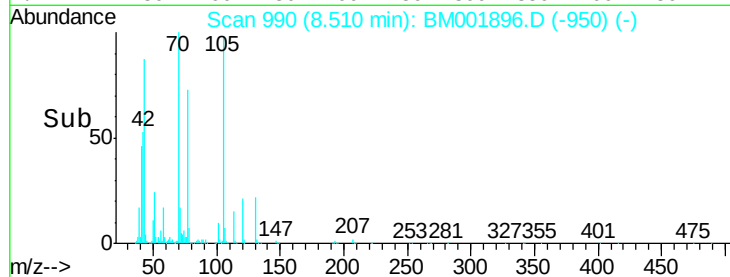
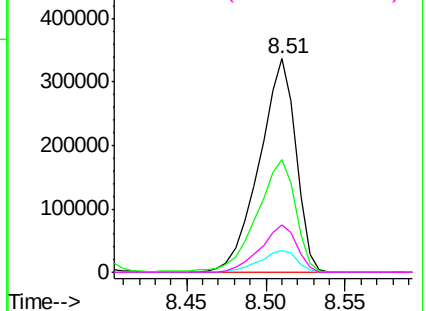
Abundance

Ion 70.00 (69.70 to 70.70): BM001896.D (-950) (-)

Ion 42.00 (41.70 to 42.70): BM001896.D (-950) (-)

Ion 101.00 (100.70 to 101.70): BM001896.D (-950) (-)

Ion 130.00 (129.70 to 130.70): BM001896.D (-950) (-)



#16

4-Methylphenol

Concen: 140.53 ng/ul

RT: 8.46 min Scan# 982

Delta R.T. 0.03 min

Lab File: BM001896.D

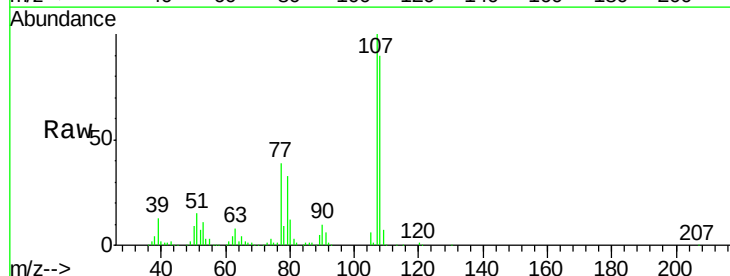
Acq: 10 Jul 2015 18:00

Tgt Ion: 108 Resp: 722379

Ion Ratio Lower Upper

108 100

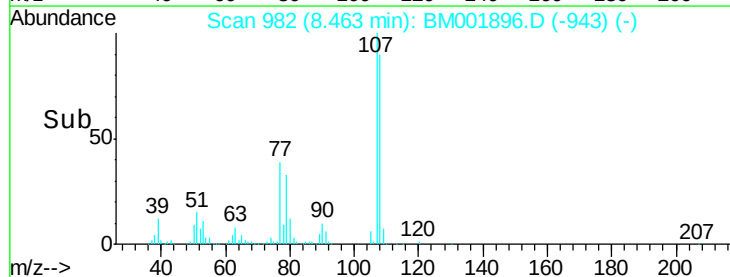
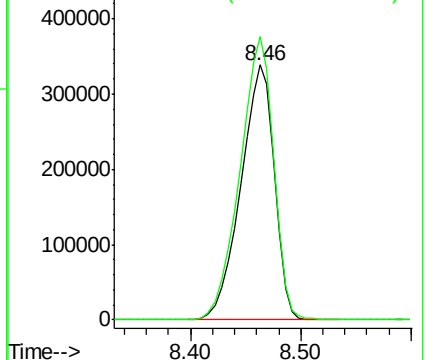
107 111.0 90.6 136.0



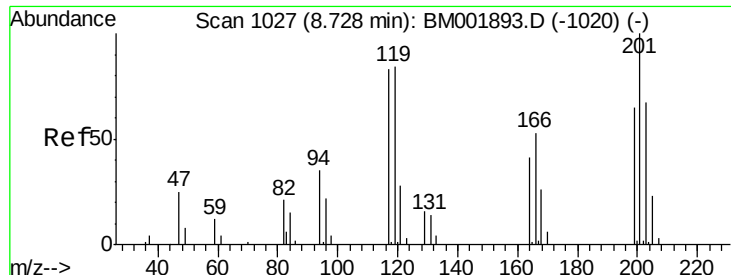
Abundance

Ion 108.00 (107.70 to 108.70): BM001896.D (-943) (-)

Ion 107.00 (106.70 to 107.70): BM001896.D (-943) (-)



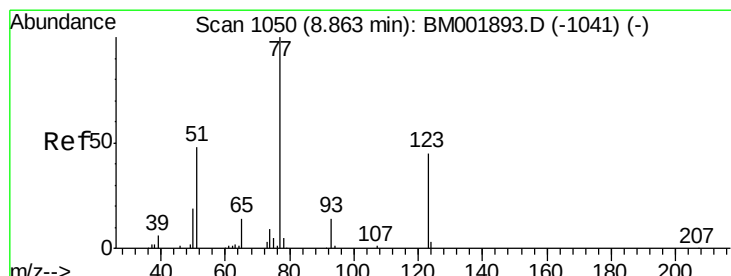
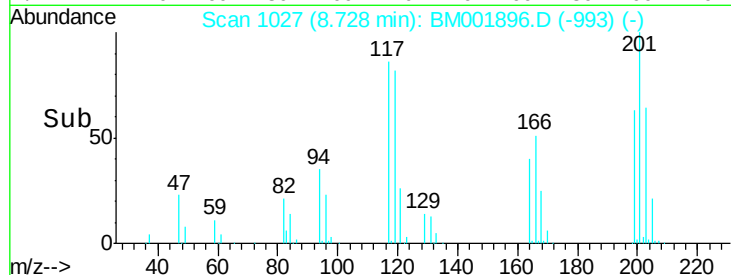
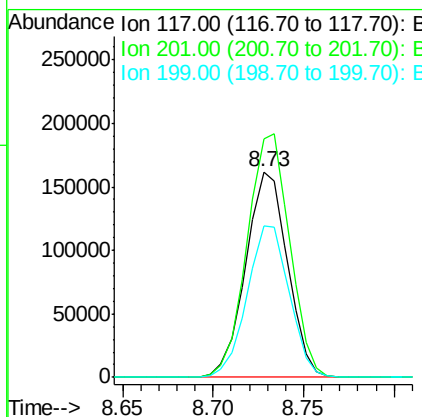
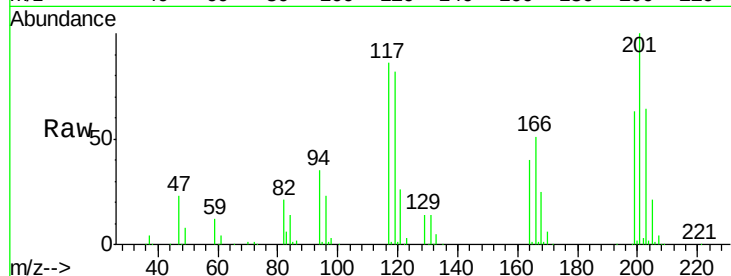




#17  
 Hexachloroethane  
 Concen: 133.66 ng/ul  
 RT: 8.73 min Scan# 1027  
 Delta R.T. 0.00 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

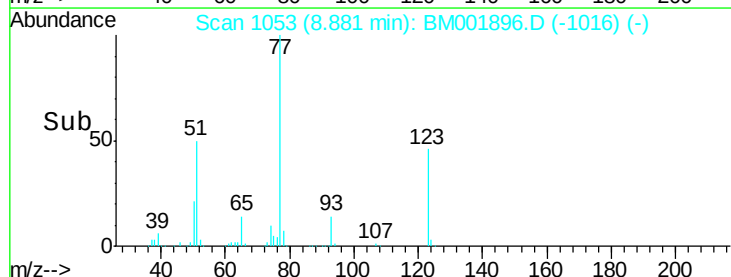
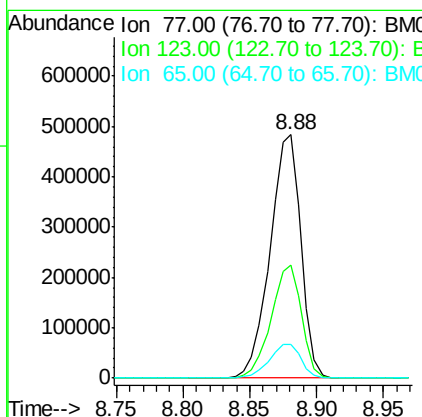
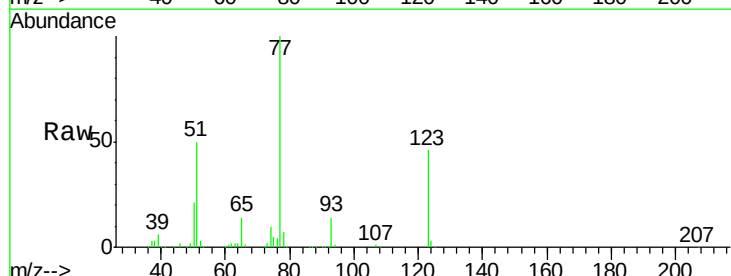
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

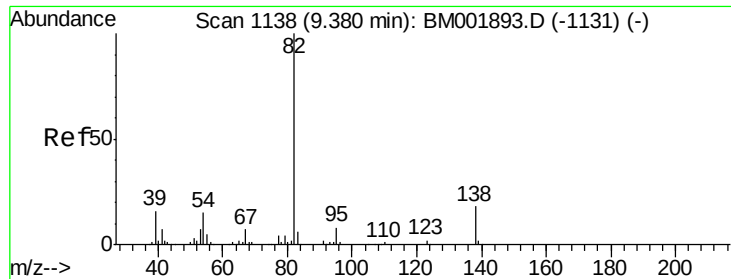
Tgt Ion: 117 Resp: 260289  
 Ion Ratio Lower Upper  
 117 100  
 201 116.0 96.1 144.1  
 199 73.5 62.2 93.2



#20  
 Nitrobenzene  
 Concen: 126.59 ng/ul  
 RT: 8.88 min Scan# 1053  
 Delta R.T. 0.02 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

Tgt Ion: 77 Resp: 782782  
 Ion Ratio Lower Upper  
 77 100  
 123 46.3 35.8 53.8  
 65 13.9 11.4 17.2

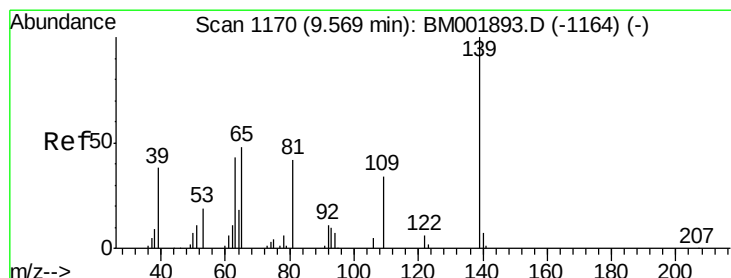
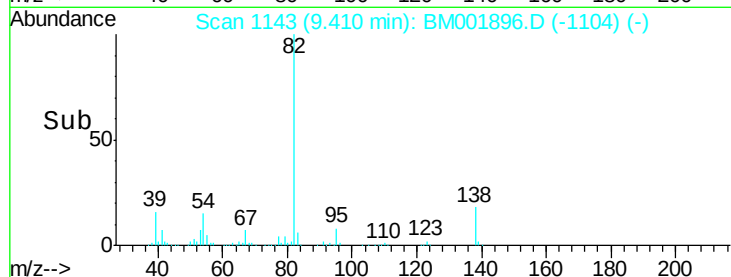
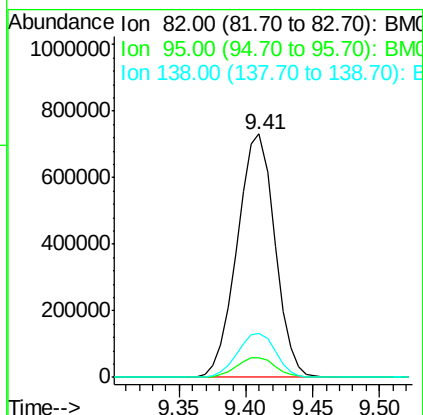
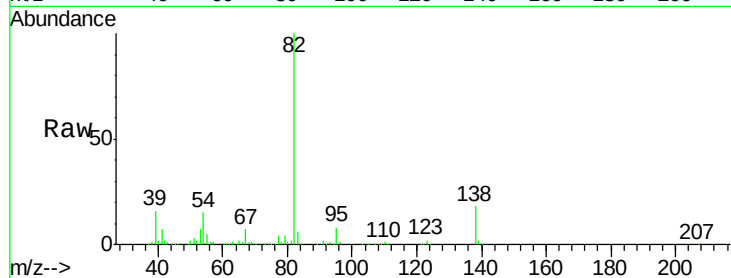




#21  
Isophorone  
Concen: 133.78 ng/ul  
RT: 9.41 min Scan# 1143  
Delta R.T. 0.03 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

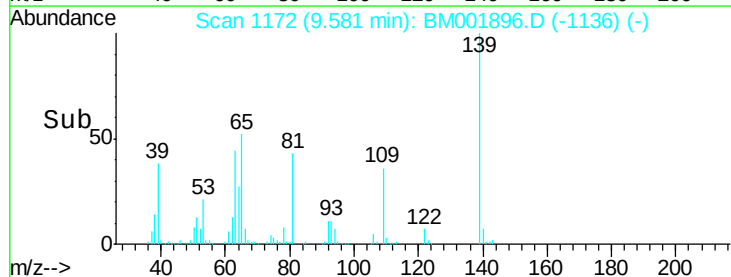
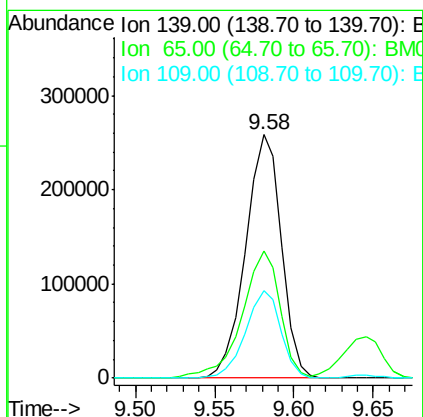
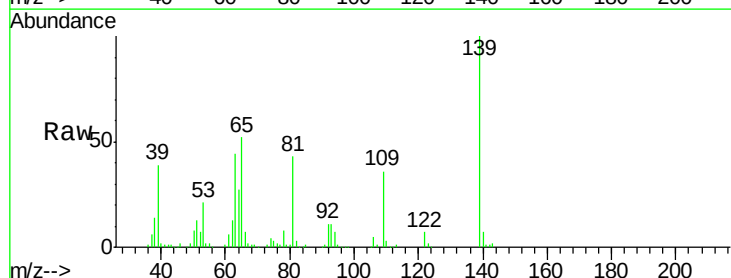
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

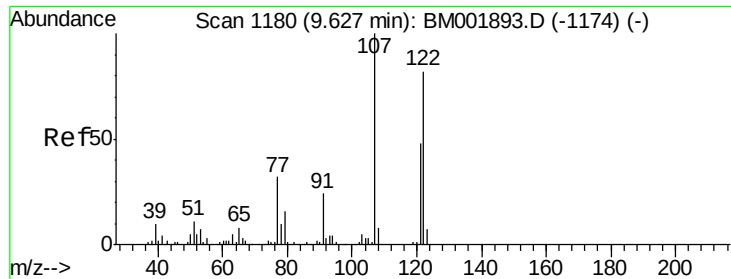
Tgt Ion: 82 Resp: 1433047  
Ion Ratio Lower Upper  
82 100  
95 8.2 6.4 9.6  
138 18.3 14.4 21.6



#23  
2-Nitrophenol  
Concen: 141.37 ng/ul  
RT: 9.58 min Scan# 1172  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion: 139 Resp: 404678  
Ion Ratio Lower Upper  
139 100  
65 52.3 41.0 61.4  
109 35.7 27.4 41.2

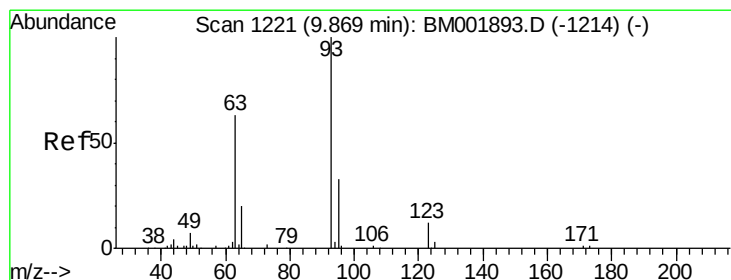
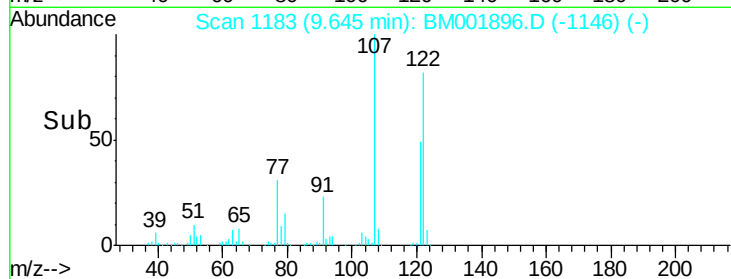
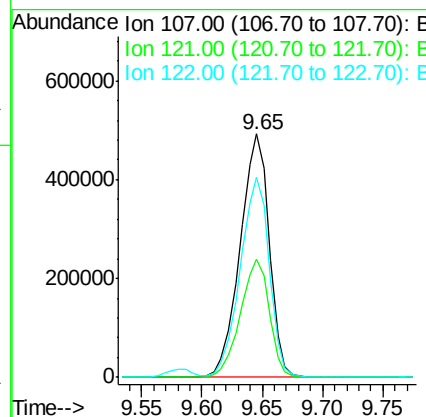
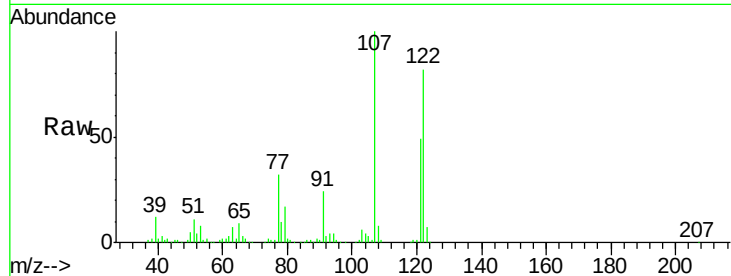




#24  
 2,4-Dimethylphenol  
 Concen: 129.88 ng/ul  
 RT: 9.65 min Scan# 1183  
 Delta R.T. 0.02 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

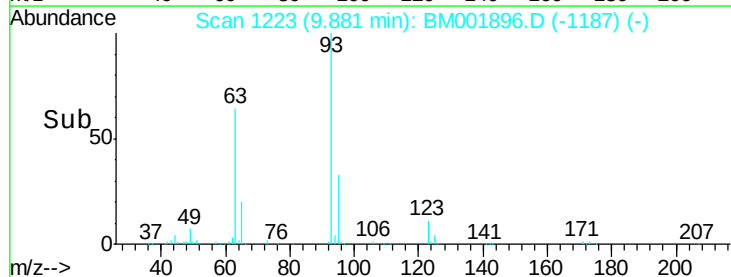
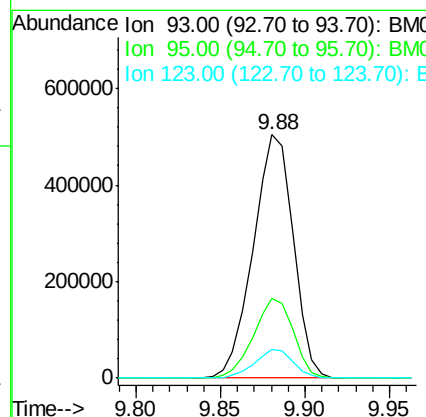
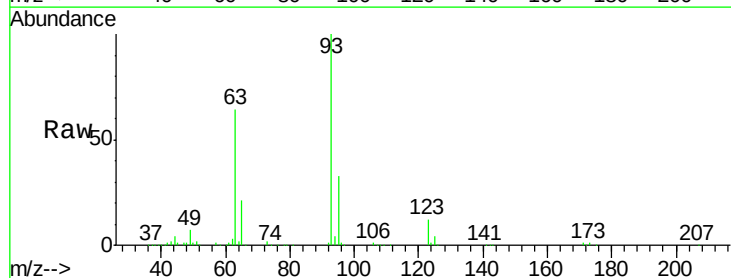
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

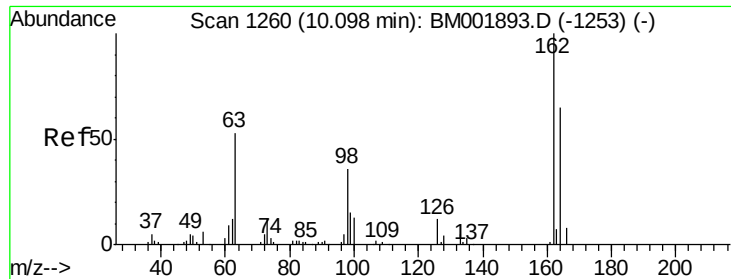
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 48.8  | 38.4  | 57.6  |
| 122     | 82.0  | 65.9  | 98.9  |



#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 127.80 ng/ul  
 RT: 9.88 min Scan# 1223  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.6  | 26.1  | 39.1  |
| 123     | 11.6  | 9.3   | 13.9  |

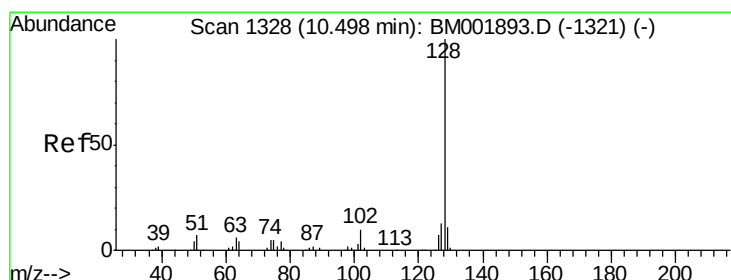
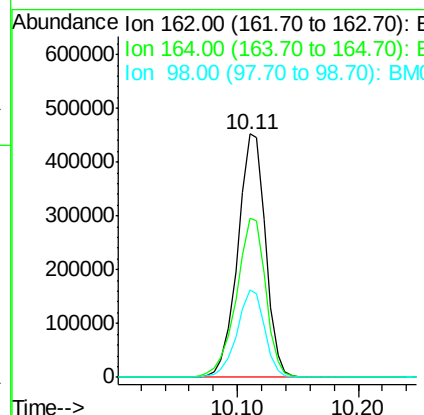
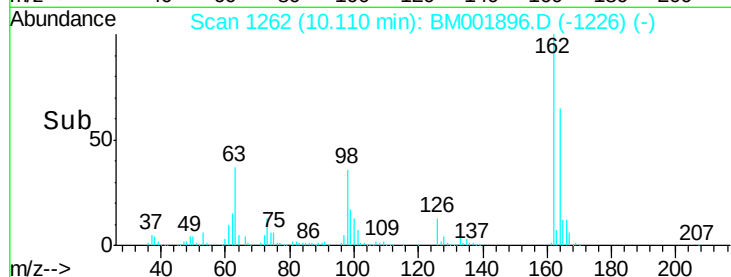
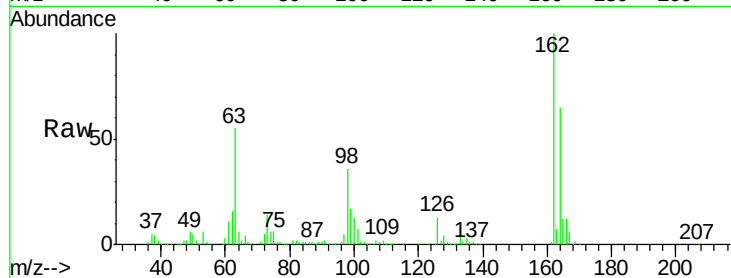




#27  
2,4-Dichlorophenol  
Concen: 137.05 ng/ul  
RT: 10.11 min Scan# 1262  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

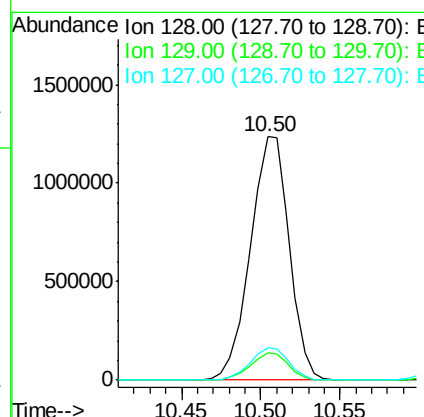
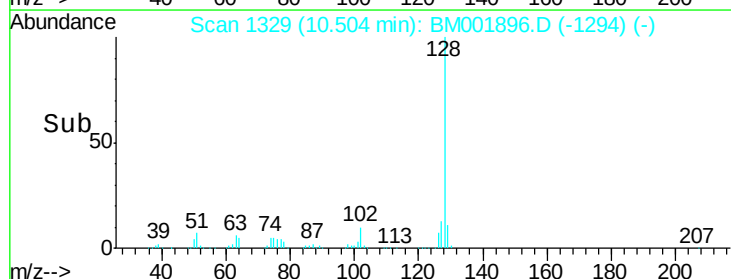
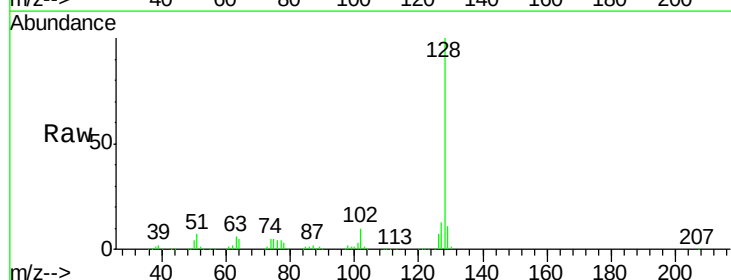
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

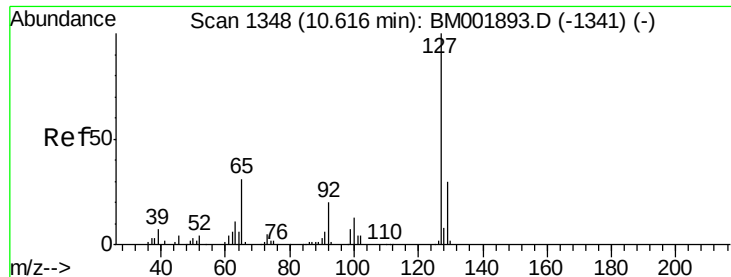
Tgt Ion:162 Resp: 726723  
Ion Ratio Lower Upper  
162 100  
164 65.4 52.5 78.7  
98 36.0 28.6 42.8



#28  
Naphthalene  
Concen: 126.39 ng/ul  
RT: 10.50 min Scan# 1329  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:128 Resp: 2103242  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.6 13.0  
127 13.2 10.4 15.6

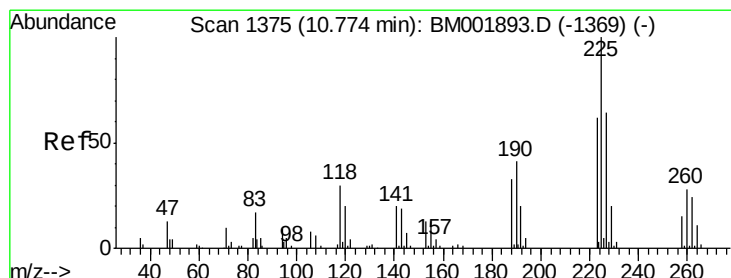
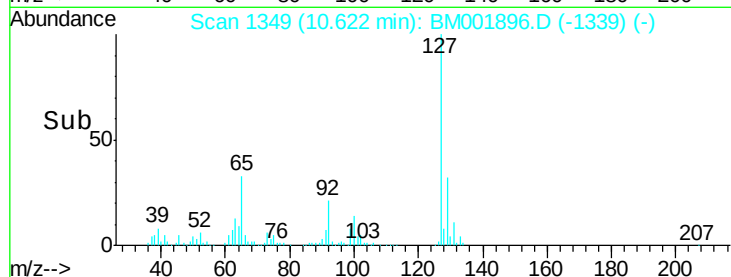
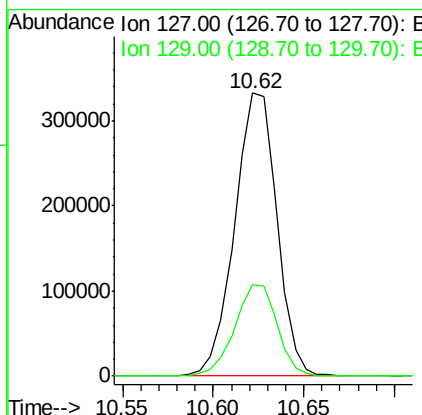
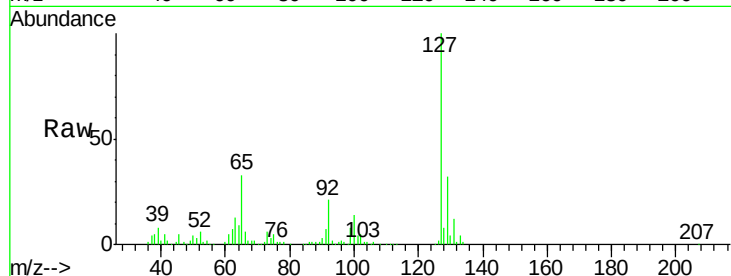




#30  
4-Chloroaniline  
Concen: 90.72 ng/ul  
RT: 10.62 min Scan# 1349  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

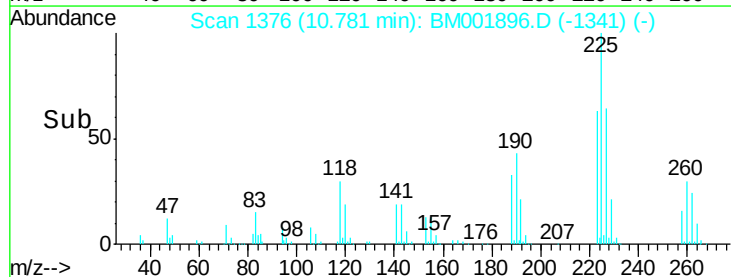
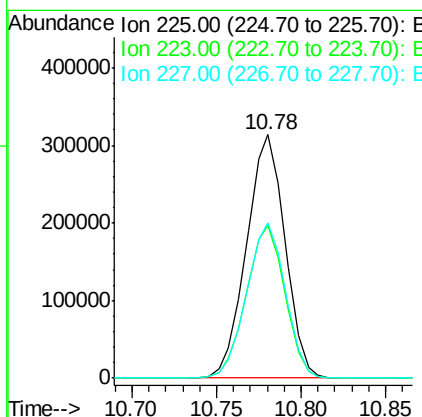
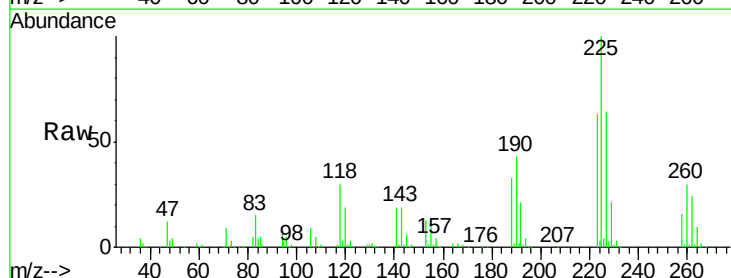
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

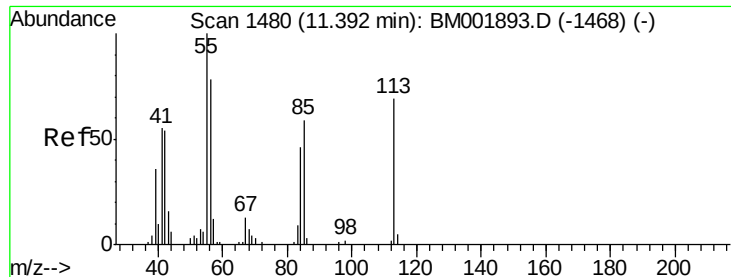
Tgt Ion:127 Resp: 535389  
Ion Ratio Lower Upper  
127 100  
129 32.2 24.1 36.1



#31  
Hexachlorobutadiene  
Concen: 126.27 ng/ul  
RT: 10.78 min Scan# 1376  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:225 Resp: 497119  
Ion Ratio Lower Upper  
225 100  
223 62.8 49.9 74.9  
227 63.8 51.4 77.2





#32

Caprolactam

Concen: 112.61 ng/ul

RT: 11.47 min Scan# 1493

Delta R.T. 0.08 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

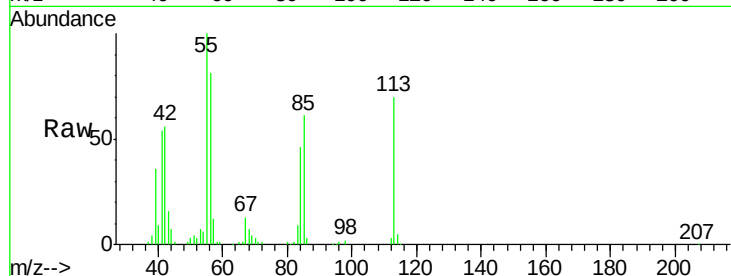
Tgt Ion:113 Resp: 219202

Ion Ratio Lower Upper

113 100

55 141.9 115.6 173.4

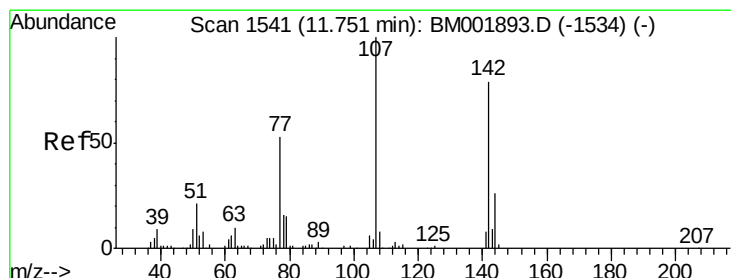
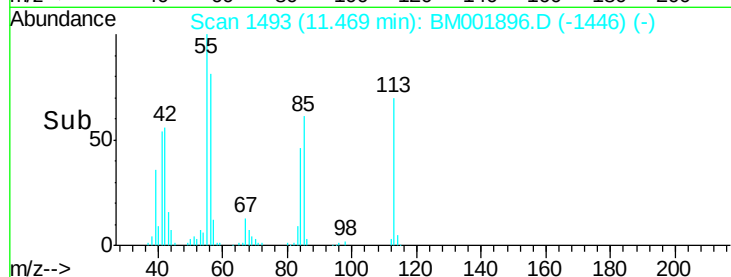
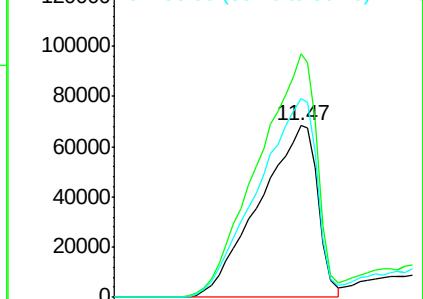
56 115.6 90.3 135.5



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM001893.D (-1468) (-)

Ion 56.00 (55.70 to 56.70): BM001893.D (-1468) (-)



#33

4-Chloro-3-methylphenol

Concen: 133.43 ng/ul

RT: 11.78 min Scan# 1546

Delta R.T. 0.03 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

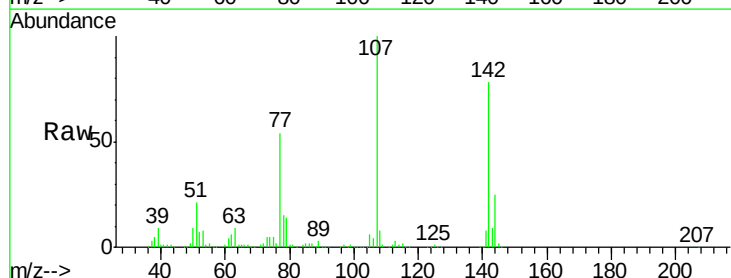
Tgt Ion:107 Resp: 760636

Ion Ratio Lower Upper

107 100

144 25.5 20.8 31.2

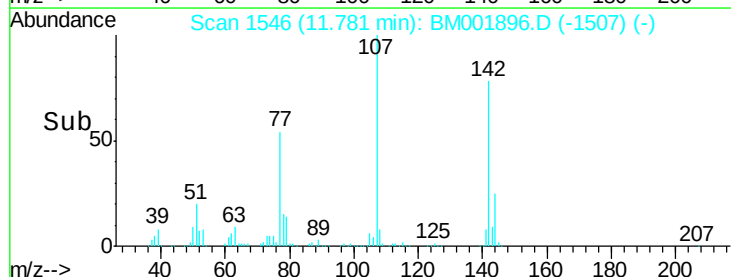
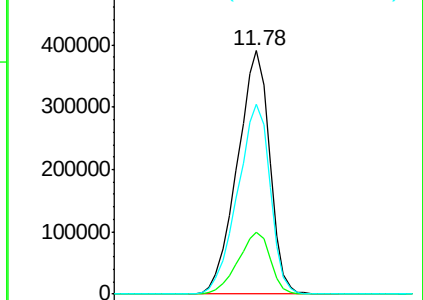
142 77.9 63.1 94.7

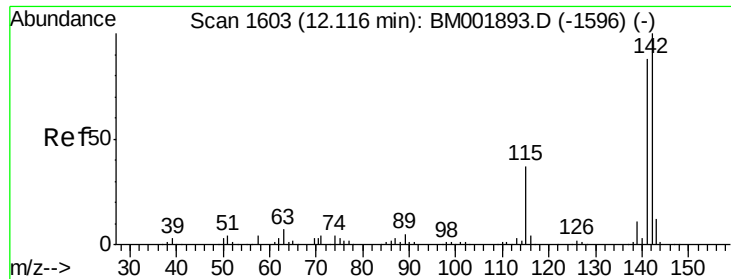


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

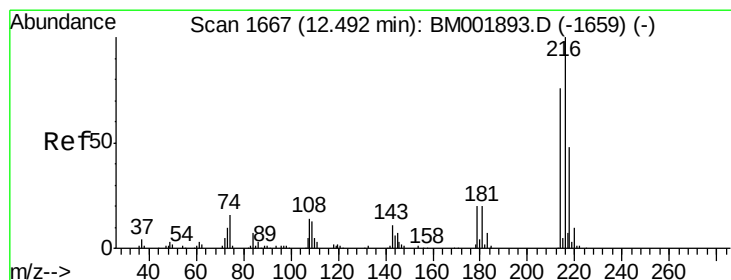
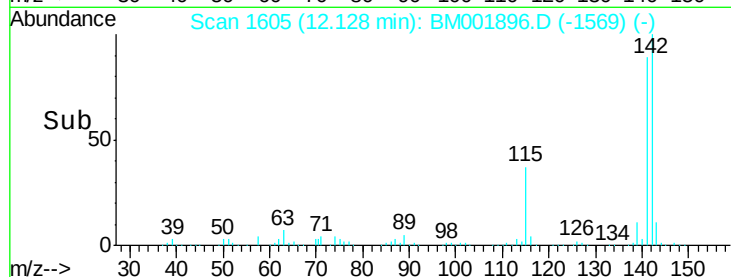
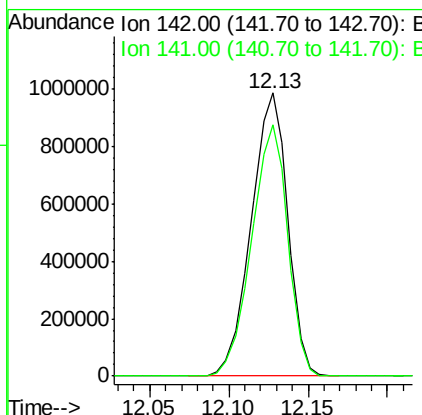
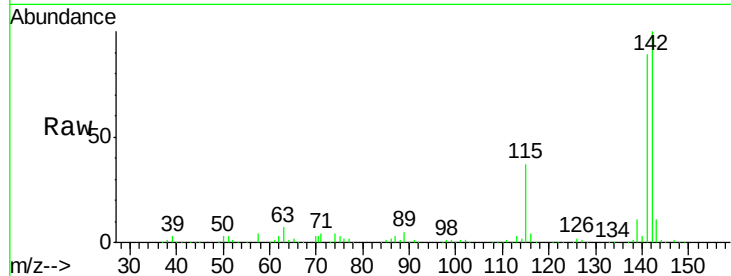




#34  
2-Methylnaphthalene  
Concen: 129.62 ng/ul  
RT: 12.13 min Scan# 1605  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

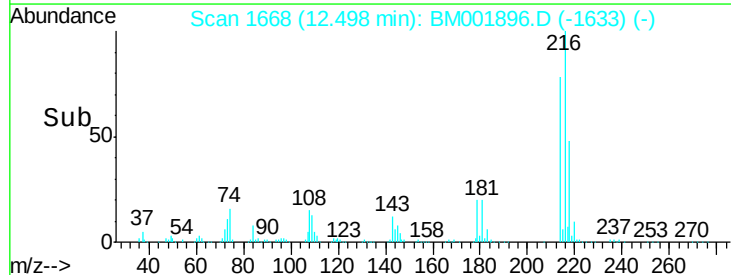
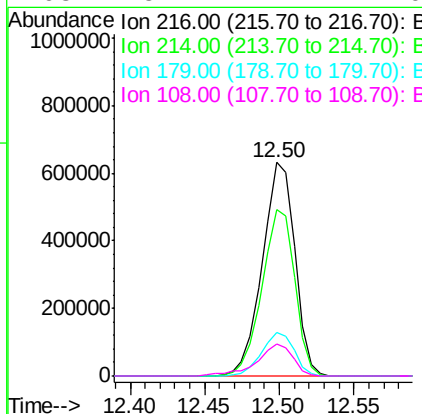
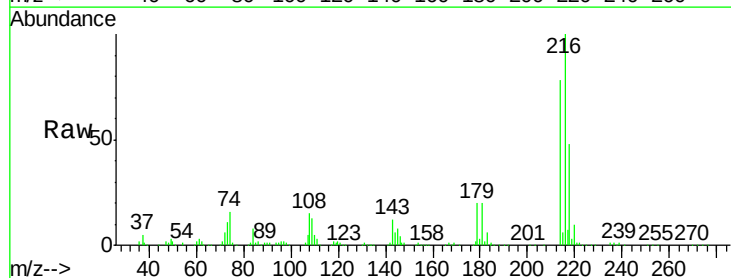
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

Tgt Ion:142 Resp: 1580752  
Ion Ratio Lower Upper  
142 100  
141 88.6 70.5 105.7

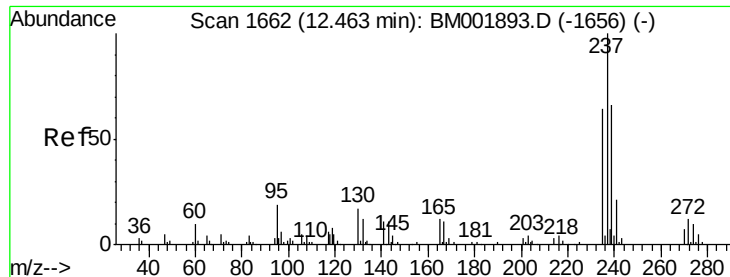


#36  
1,2,4,5-Tetrachlorobenzene  
Concen: 122.04 ng/ul  
RT: 12.50 min Scan# 1668  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:216 Resp: 956482  
Ion Ratio Lower Upper  
216 100  
214 78.0 60.6 91.0  
179 20.4 16.1 24.1  
108 15.2 11.4 17.0







#37

Hexachlorocyclopentadiene

Concen: 128.09 ng/ul

RT: 12.47 min Scan# 1663

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

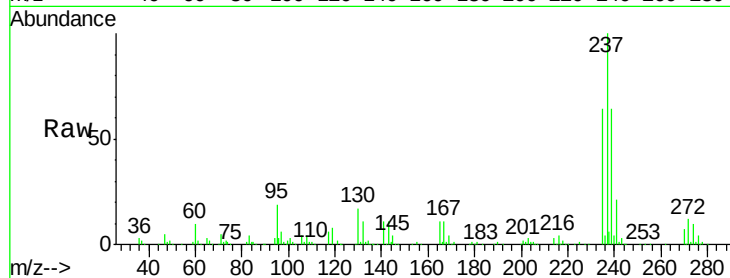
Tgt Ion:237 Resp: 598486

Ion Ratio Lower Upper

237 100

235 64.0 51.0 76.4

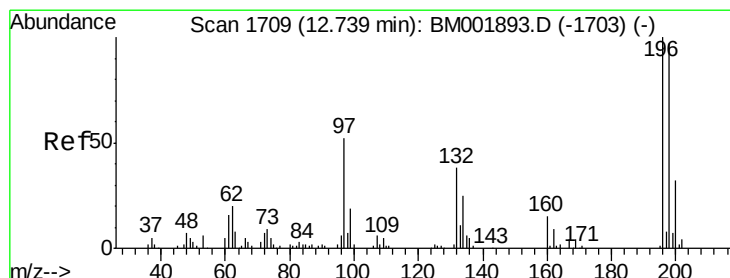
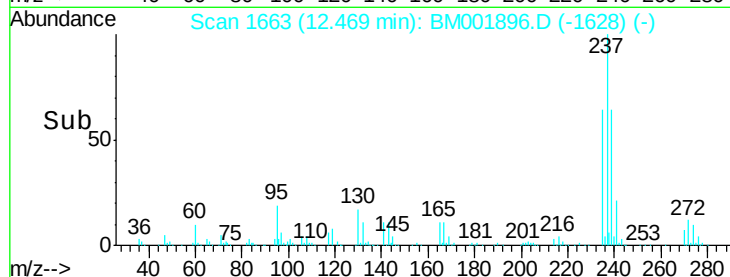
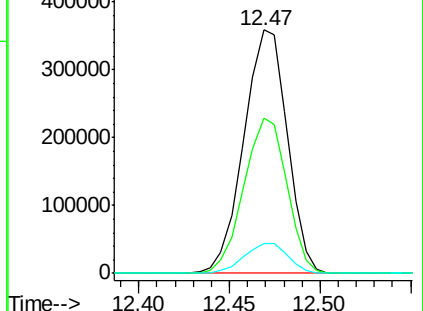
272 12.4 9.8 14.8



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 131.78 ng/ul

RT: 12.75 min Scan# 1711

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

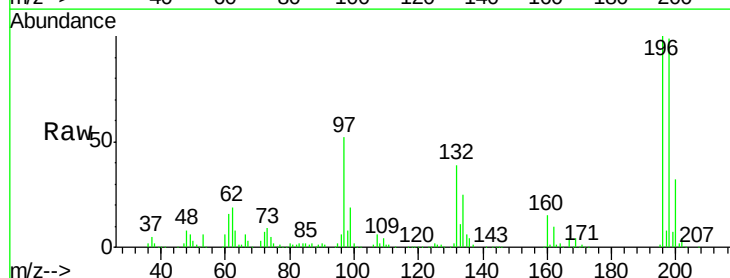
Tgt Ion:196 Resp: 622173

Ion Ratio Lower Upper

196 100

198 99.1 77.8 116.8

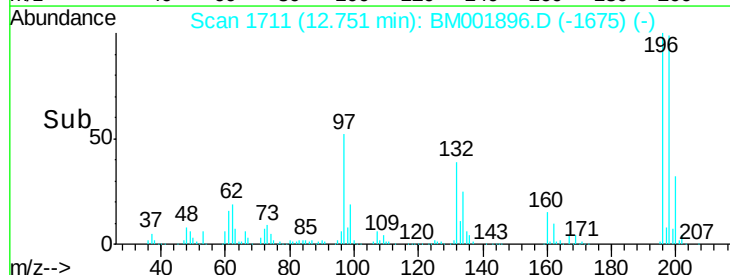
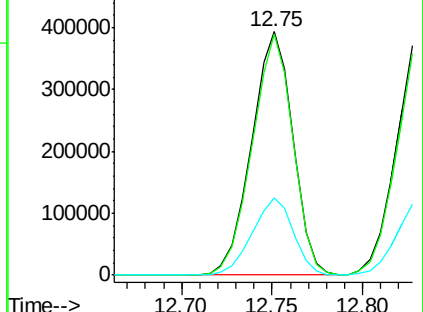
200 31.9 25.6 38.4

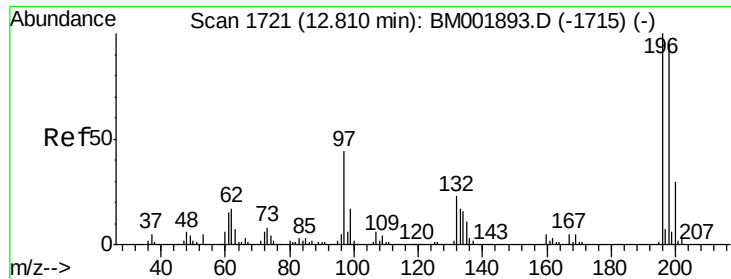


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

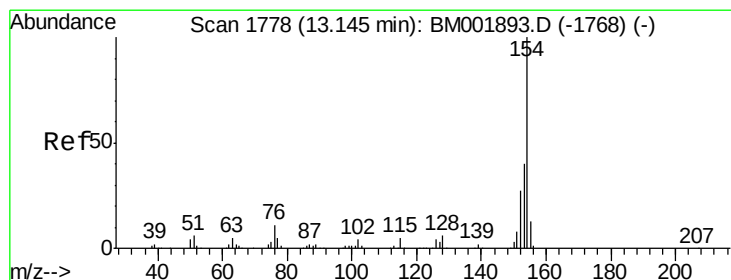
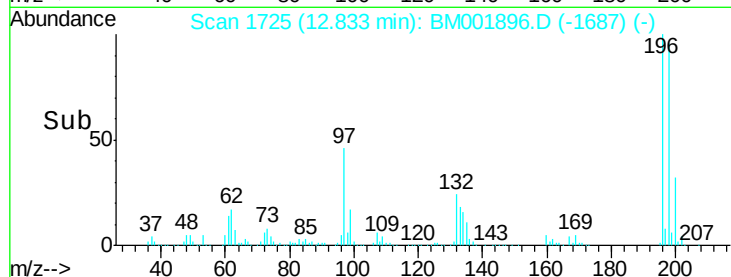
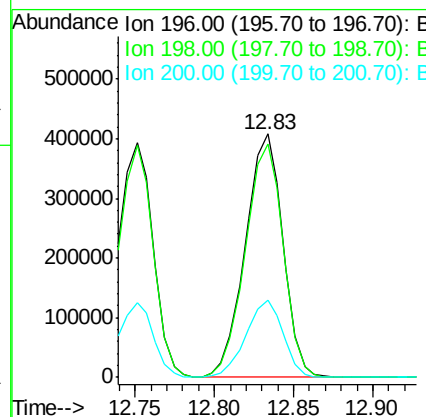
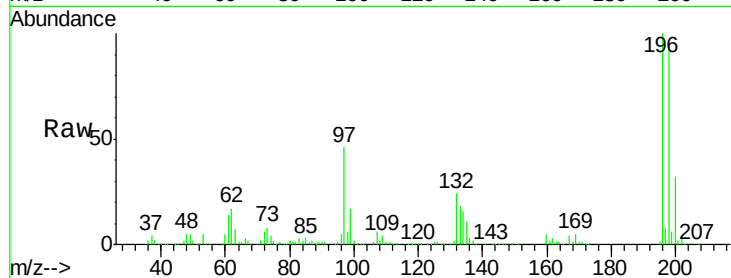




#39  
 2,4,5-Trichlorophenol  
 Concen: 129.67 ng/ul  
 RT: 12.83 min Scan# 1725  
 Delta R.T. 0.02 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

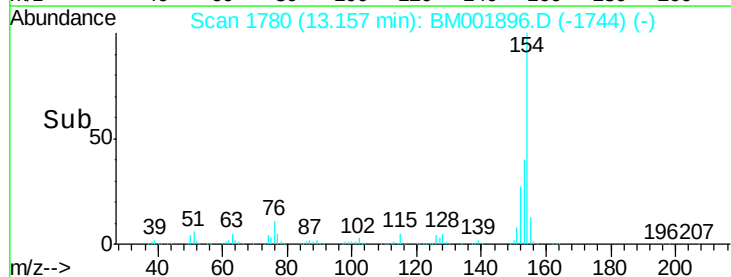
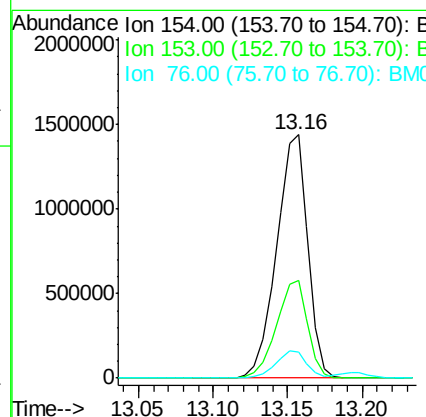
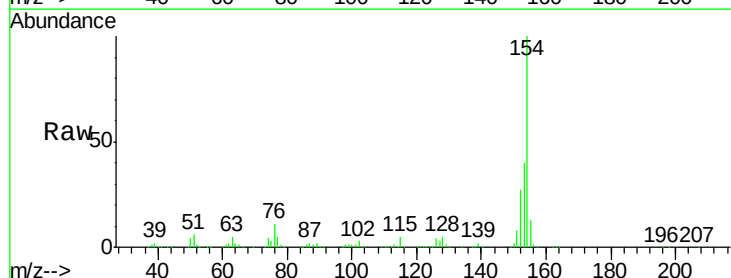
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

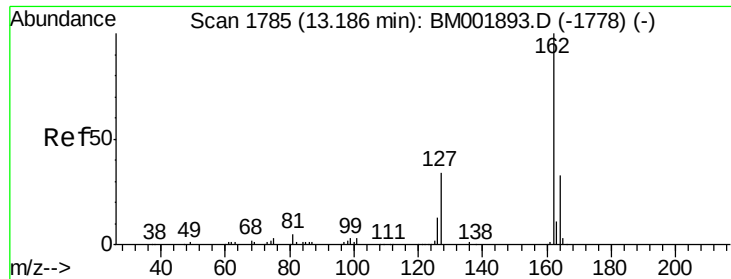
Tgt Ion:196 Resp: 669500  
 Ion Ratio Lower Upper  
 196 100  
 198 95.8 76.0 114.0  
 200 31.6 24.4 36.6



#40  
 1,1'-Biphenyl  
 Concen: 121.93 ng/ul  
 RT: 13.16 min Scan# 1780  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

Tgt Ion:154 Resp: 2100547  
 Ion Ratio Lower Upper  
 154 100  
 153 40.3 32.4 48.6  
 76 10.9 8.6 12.8

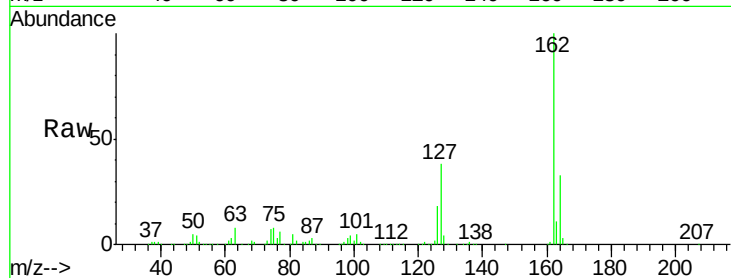




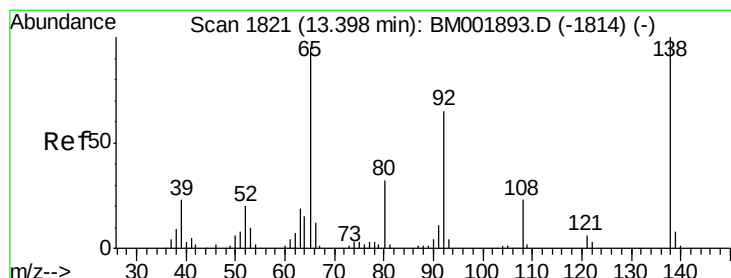
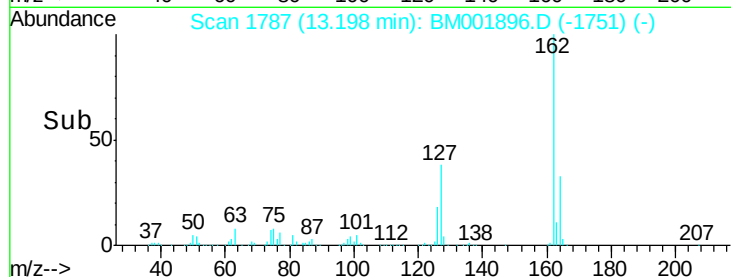
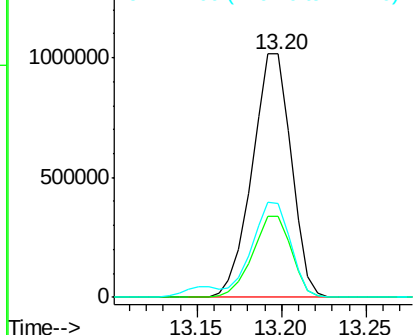
#41  
2-Chloronaphthalene  
Concen: 121.20 ng/ul  
RT: 13.20 min Scan# 1787  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

Tgt Ion: 162 Resp: 1637240  
Ion Ratio Lower Upper  
162 100  
164 33.1 26.4 39.6  
127 38.3 30.8 46.2

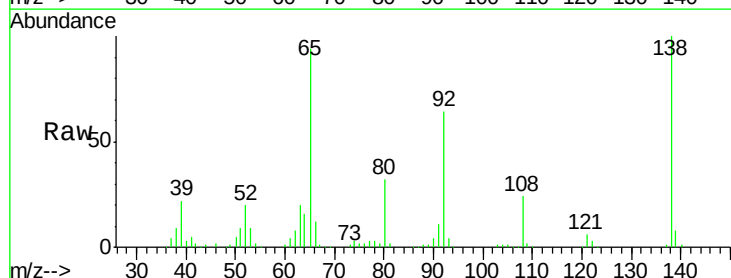


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

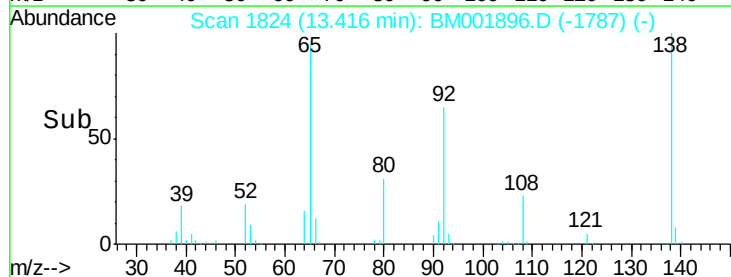
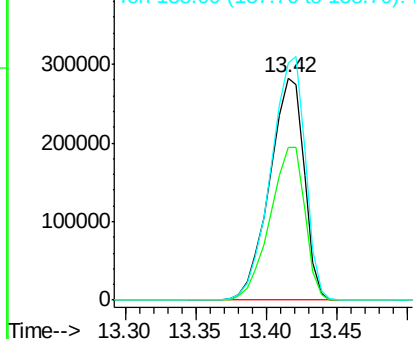


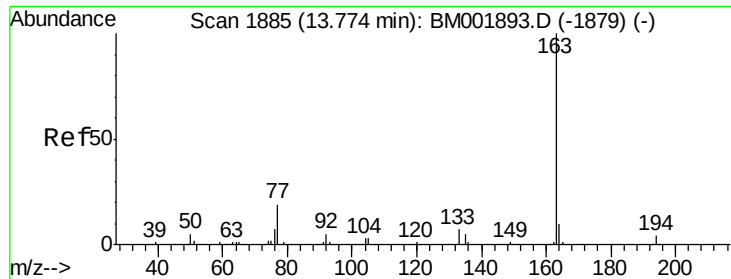
#42  
2-Nitroaniline  
Concen: 130.97 ng/ul  
RT: 13.42 min Scan# 1824  
Delta R.T. 0.02 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion: 65 Resp: 486102  
Ion Ratio Lower Upper  
65 100  
92 68.6 55.2 82.8  
138 106.9 84.3 126.5



Abundance Ion 65.00 (64.70 to 65.70): BM0  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 138.00 (137.70 to 138.70): E





#44

Dimethylphthalate

Concen: 121.93 ng/ul

RT: 13.79 min Scan# 1888

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

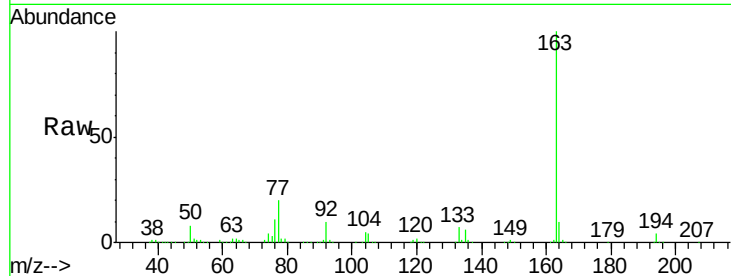
Tgt Ion:163 Resp: 2108630

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

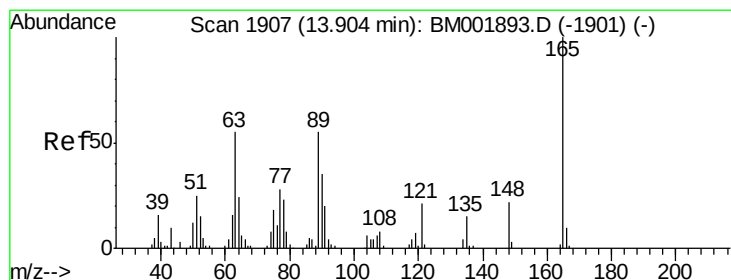
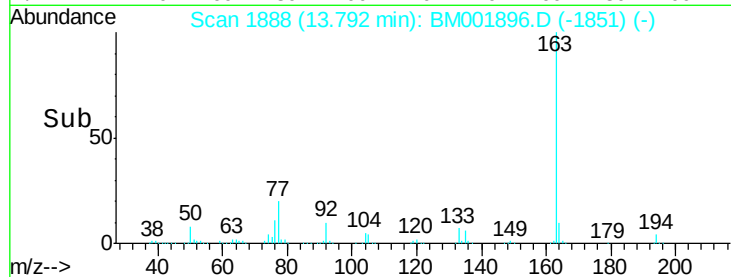
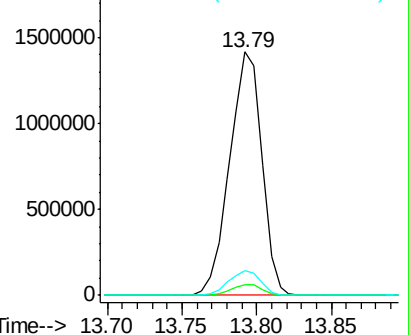
164 10.2 8.2 12.4



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: 137.57 ng/ul

RT: 13.92 min Scan# 1910

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

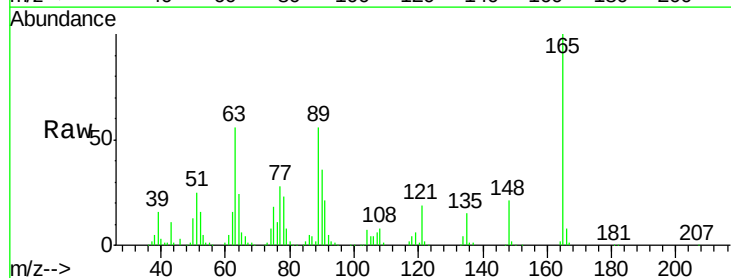
Tgt Ion:165 Resp: 466857

Ion Ratio Lower Upper

165 100

89 55.5 43.9 65.9

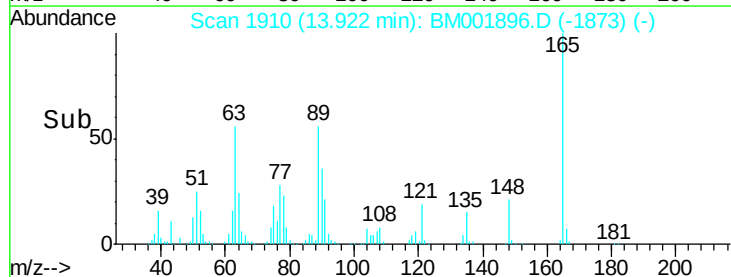
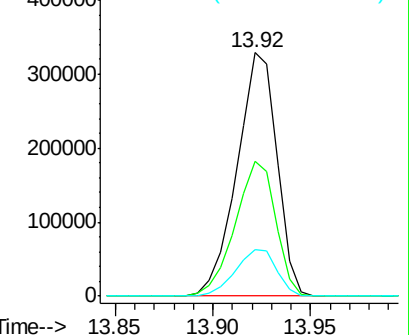
121 19.2 17.0 25.6

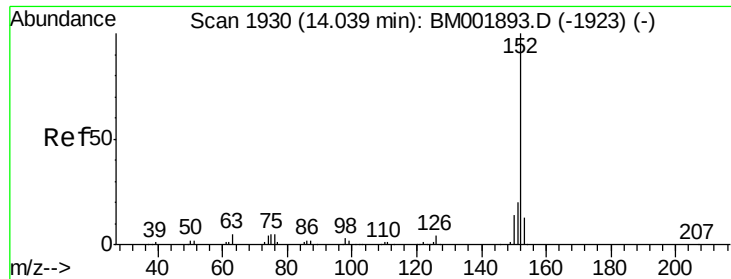


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 123.43 ng/ul

RT: 14.05 min Scan# 1932

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

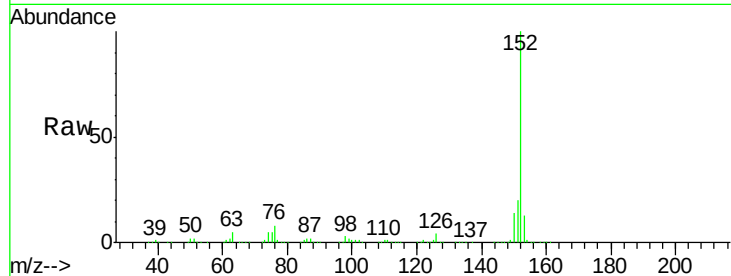
Tgt Ion:152 Resp: 2604094

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.6

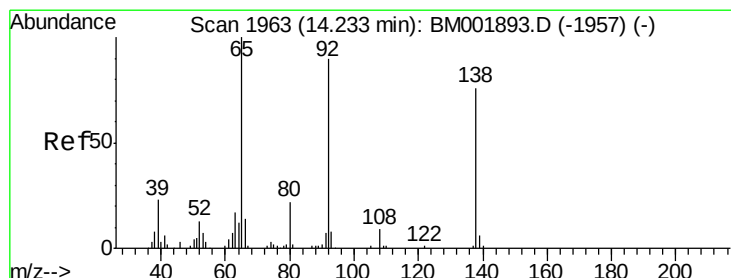
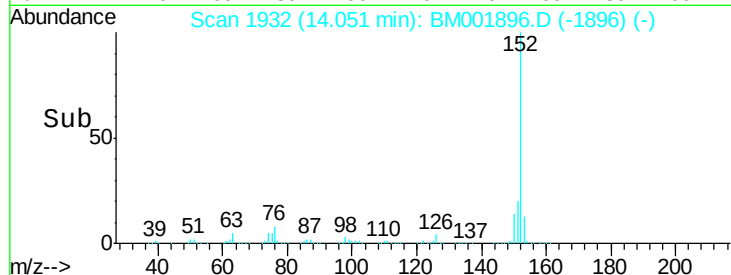
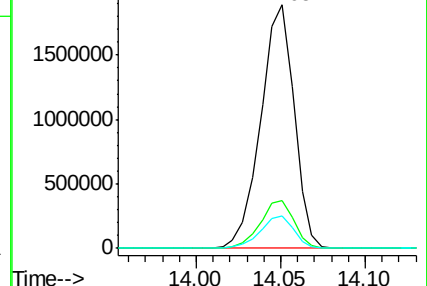
153 13.2 10.7 16.1



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: 110.86 ng/ul

RT: 14.25 min Scan# 1966

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

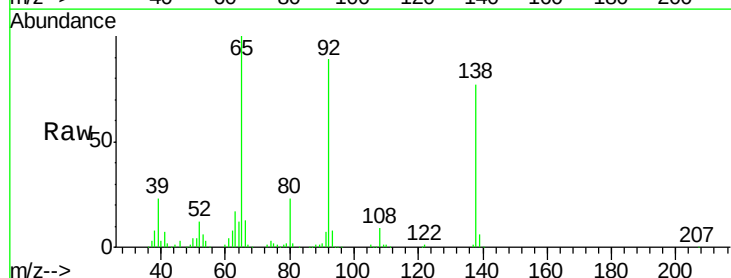
Tgt Ion:138 Resp: 355486

Ion Ratio Lower Upper

138 100

108 12.0 9.2 13.8

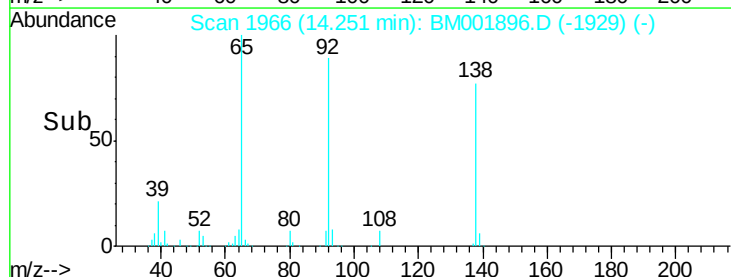
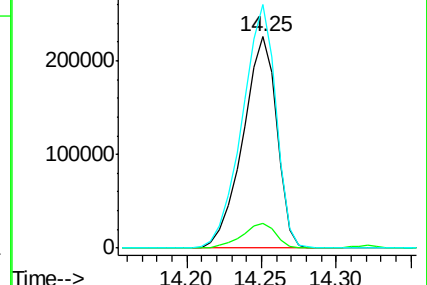
92 115.4 95.0 142.6

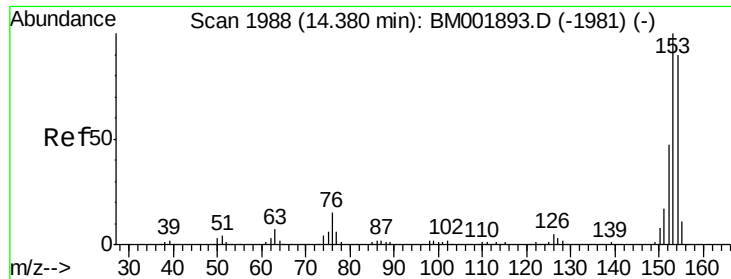


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#49

Acenaphthene

Concen: 123.81 ng/ul

RT: 14.39 min Scan# 1990

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

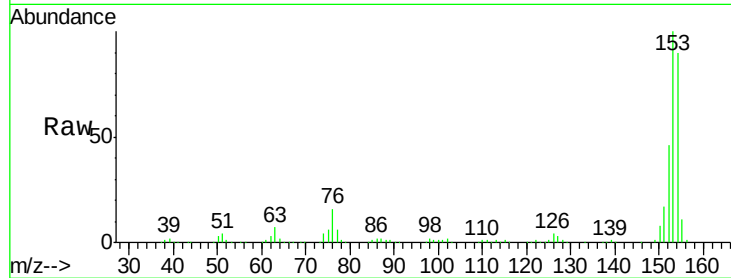
Tgt Ion:153 Resp: 1736638

Ion Ratio Lower Upper

153 100

152 46.4 37.2 55.8

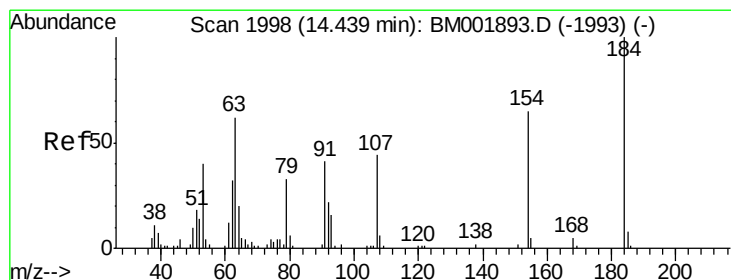
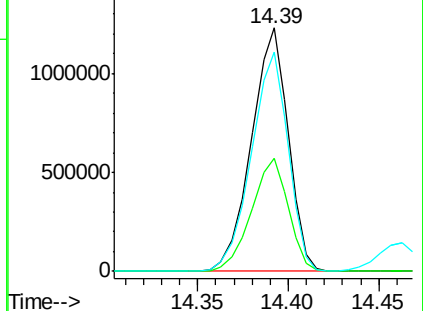
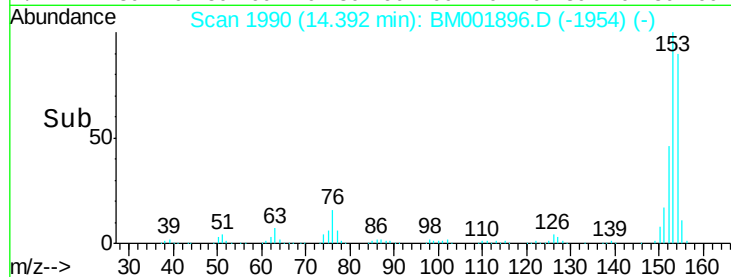
154 90.3 72.2 108.2



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 150.08 ng/ul

RT: 14.46 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

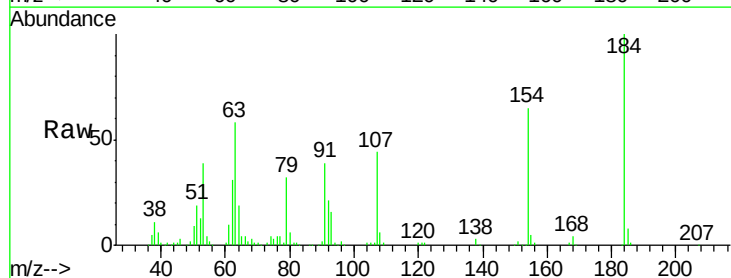
Tgt Ion:184 Resp: 319440

Ion Ratio Lower Upper

184 100

63 58.3 49.8 74.8

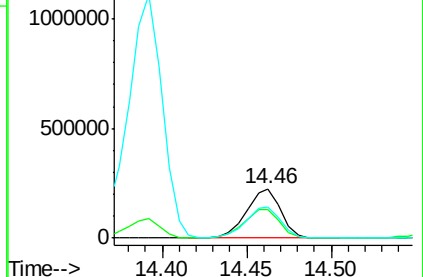
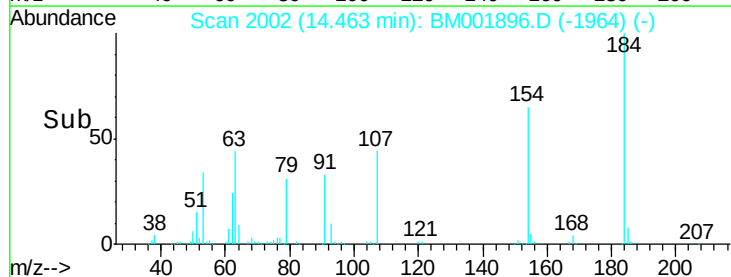
154 64.5 54.1 81.1

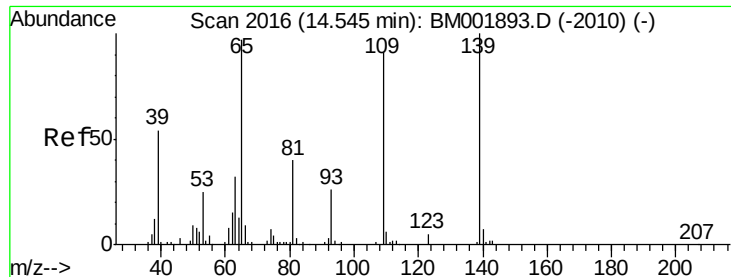


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

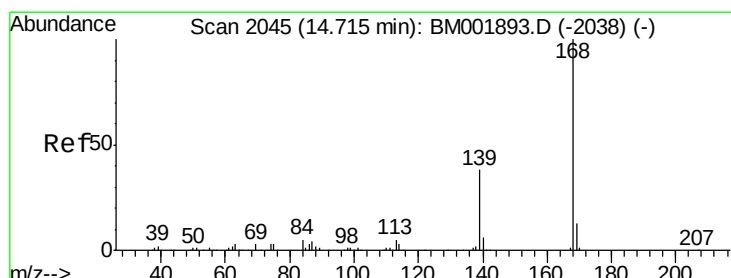
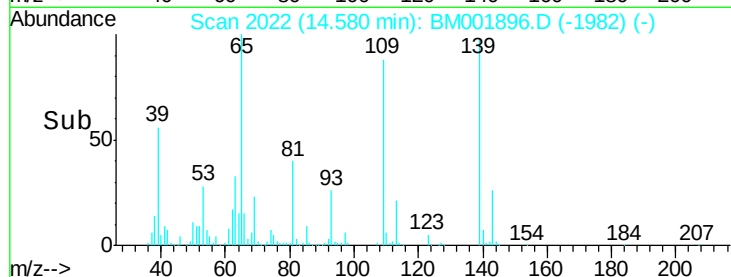
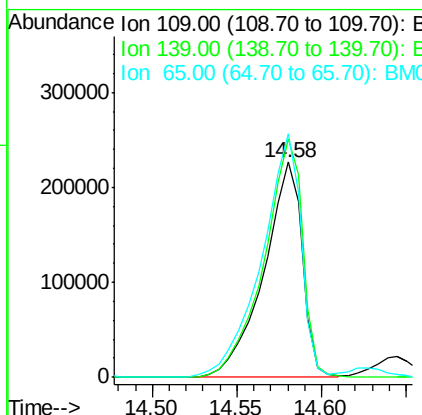
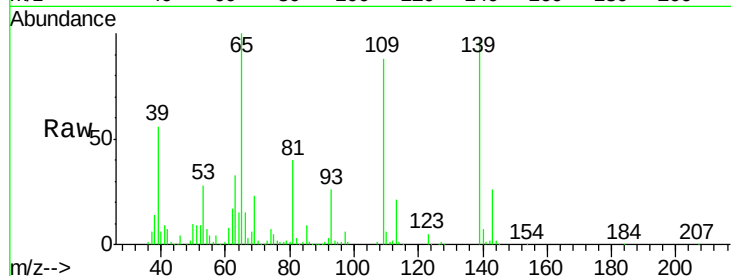




#52  
4-Nitrophenol  
Concen: 119.92 ng/ul  
RT: 14.58 min Scan# 2022  
Delta R.T. 0.04 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

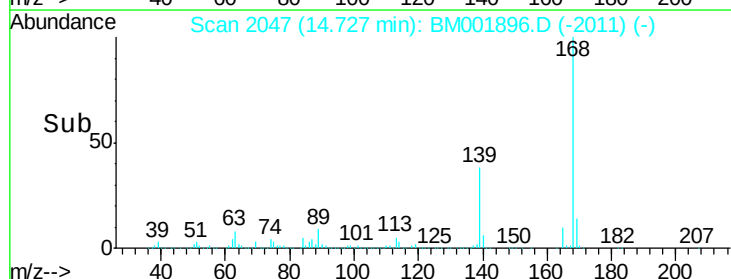
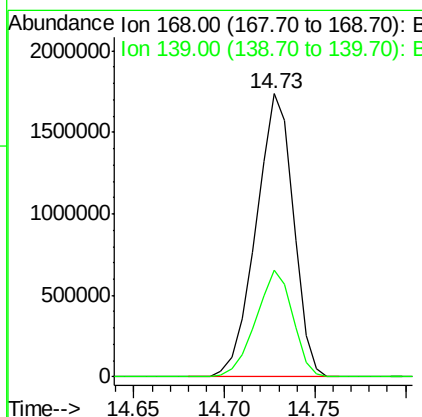
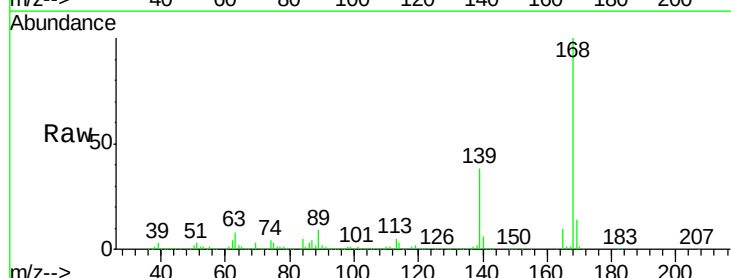
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

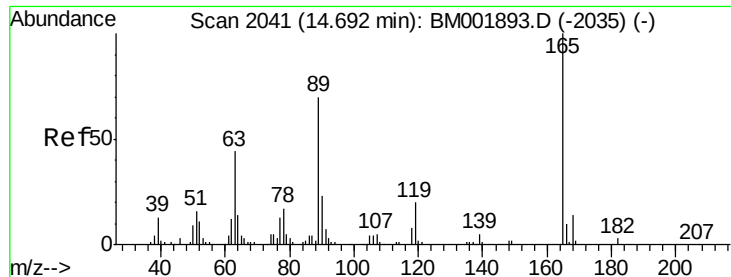
Tgt Ion:109 Resp: 359267  
Ion Ratio Lower Upper  
109 100  
139 110.8 88.8 133.2  
65 113.2 87.0 130.6



#53  
Dibenzofuran  
Concen: 123.23 ng/ul  
RT: 14.73 min Scan# 2047  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:168 Resp: 2490390  
Ion Ratio Lower Upper  
168 100  
139 37.6 30.2 45.4





#54

2,4-Dinitrotoluene

Concen: 136.49 ng/ul

RT: 14.72 min Scan# 2045

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

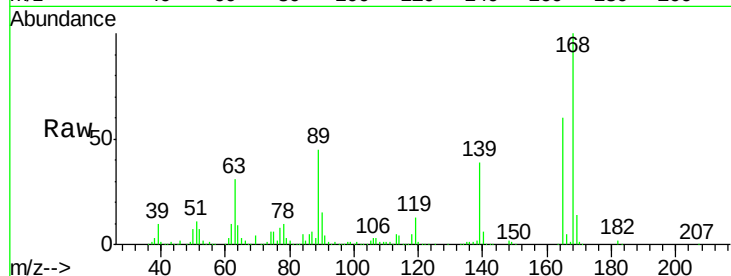
Tgt Ion:165 Resp: 680416

Ion Ratio Lower Upper

165 100

63 51.1 35.1 52.7

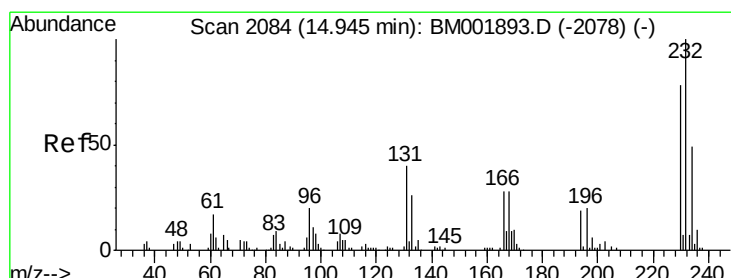
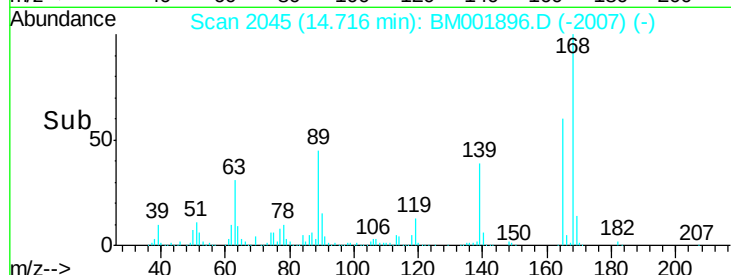
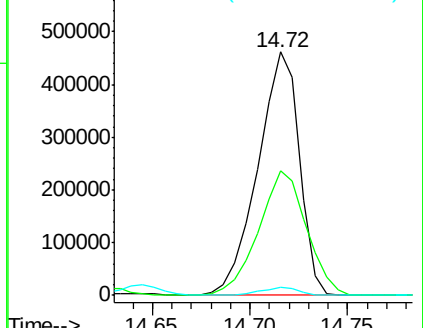
182 3.1 2.5 3.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 136.08 ng/ul

RT: 14.96 min Scan# 2086

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Tgt Ion:232 Resp: 613950

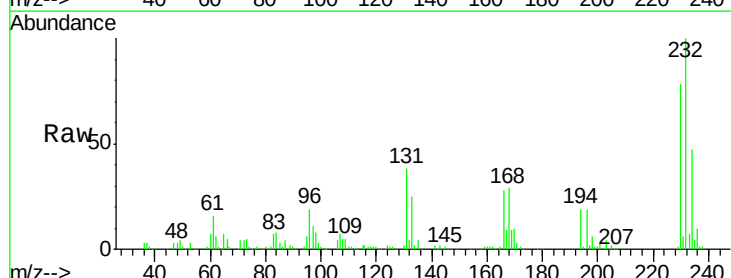
Ion Ratio Lower Upper

232 100

131 38.4 32.0 48.0

130 2.1 1.9 2.9

166 28.3 22.7 34.1

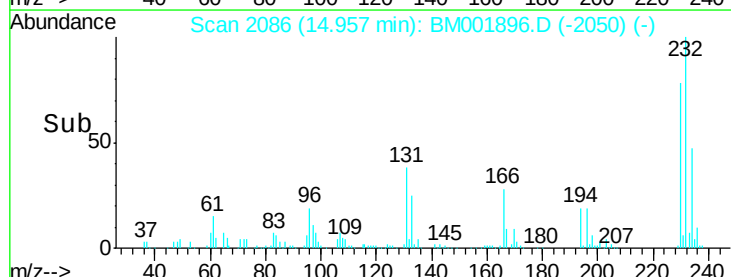
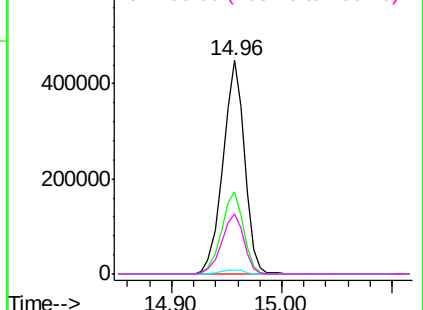


Abundance Ion 232.00 (231.70 to 232.70): E

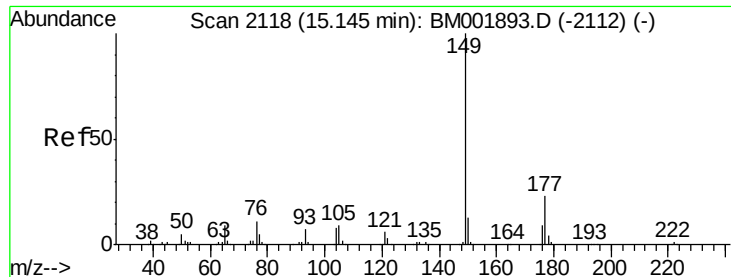
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



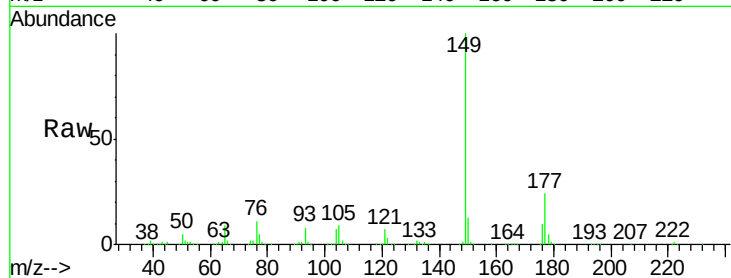




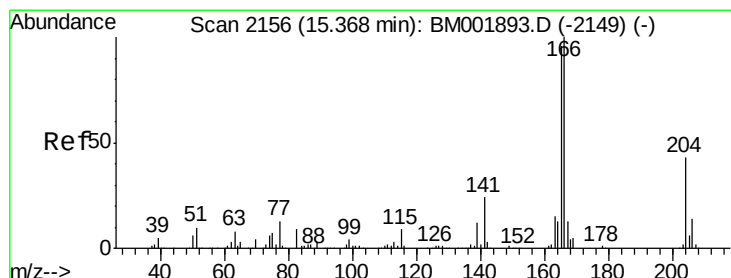
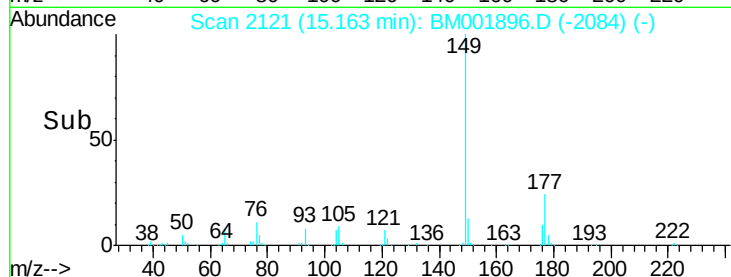
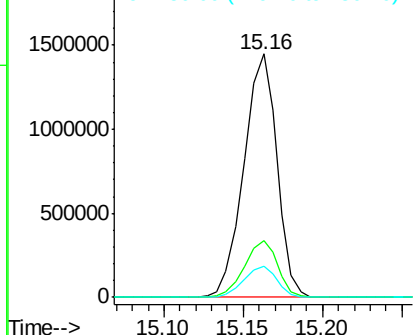
#56  
Diethylphthalate  
Concen: 125.63 ng/ul  
RT: 15.16 min Scan# 2121  
Delta R.T. 0.02 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

Tgt Ion:149 Resp: 2097115  
Ion Ratio Lower Upper  
149 100  
177 23.5 18.2 27.4  
150 12.6 10.1 15.1

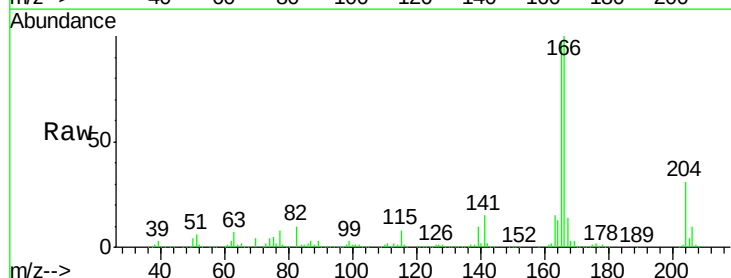


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

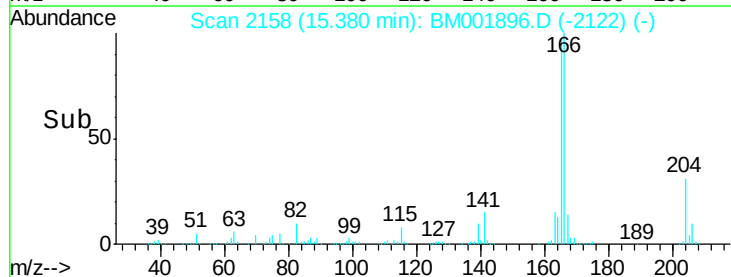
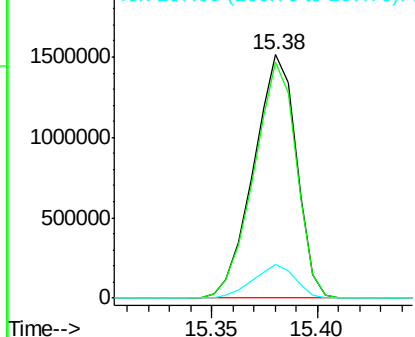


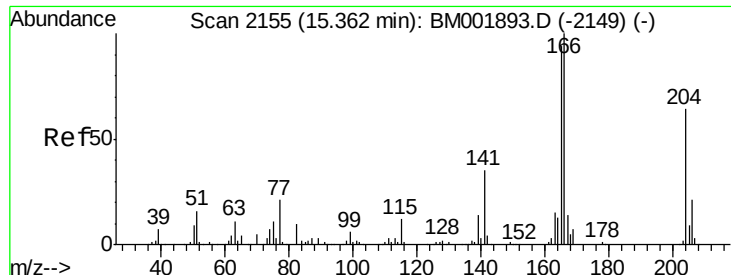
#58  
Fluorene  
Concen: 126.26 ng/ul  
RT: 15.38 min Scan# 2158  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:166 Resp: 2132723  
Ion Ratio Lower Upper  
166 100  
165 96.7 76.7 115.1  
167 13.8 10.6 15.8



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



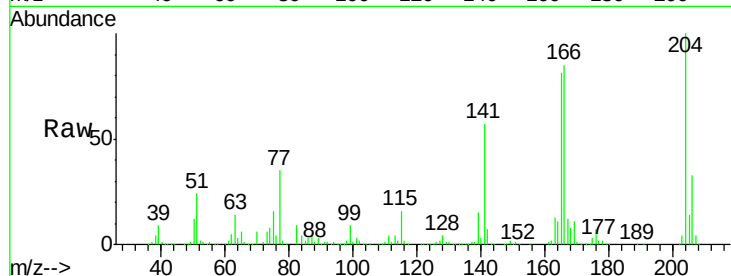


#59  
 4-Chlorophenyl-phenylether  
 Concen: 125.27 ng/ul  
 RT: 15.37 min Scan# 2156  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

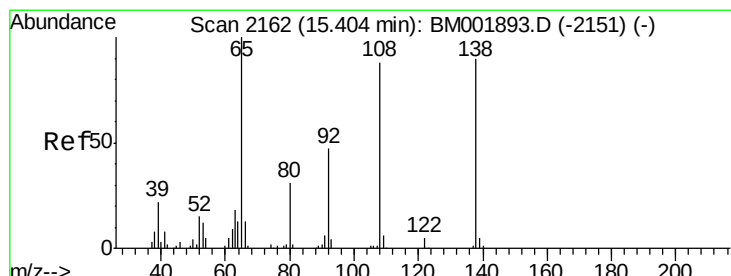
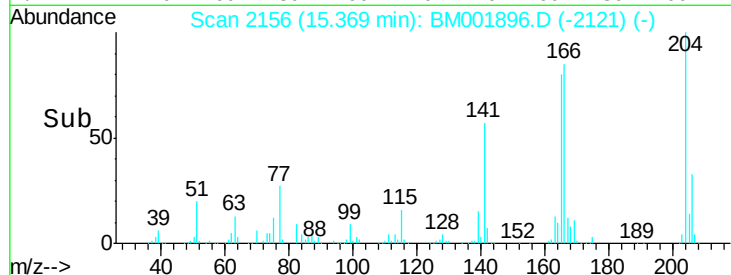
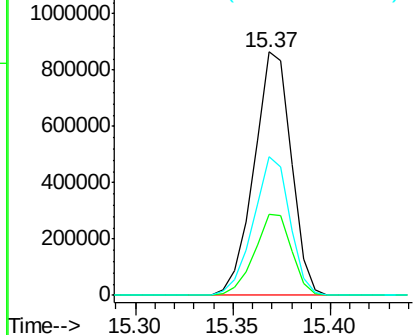
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

Tgt Ion:204 Resp: 1142013  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 204 | 100   |       |       |
| 206 | 33.2  | 26.2  | 39.4  |
| 141 | 57.0  | 43.9  | 65.9  |



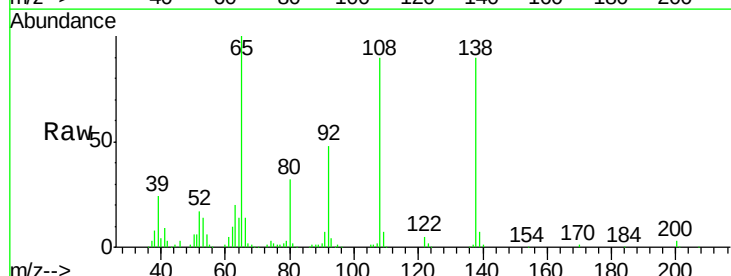
Abundance Ion 204.00 (203.70 to 204.70): E  
 Ion 206.00 (205.70 to 206.70): E  
 Ion 141.00 (140.70 to 141.70): E



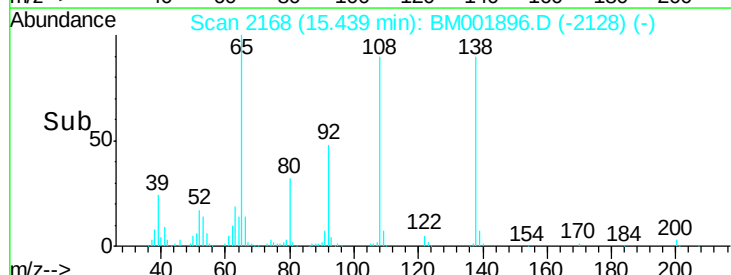
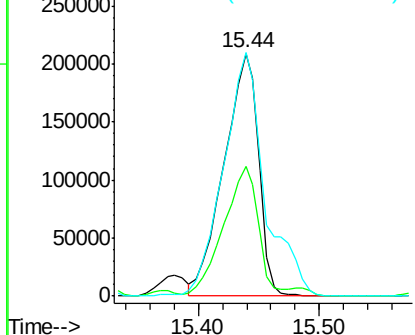
#60  
 4-Nitroaniline  
 Concen: 116.89 ng/ul  
 RT: 15.44 min Scan# 2168  
 Delta R.T. 0.04 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

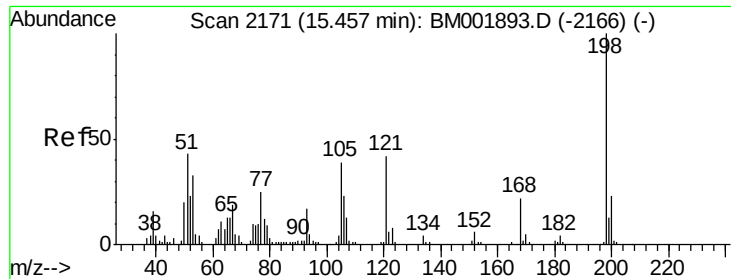
Tgt Ion:138 Resp: 415607  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 92  | 53.3  | 41.4  | 62.2  |
| 108 | 100.2 | 78.6  | 117.8 |



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

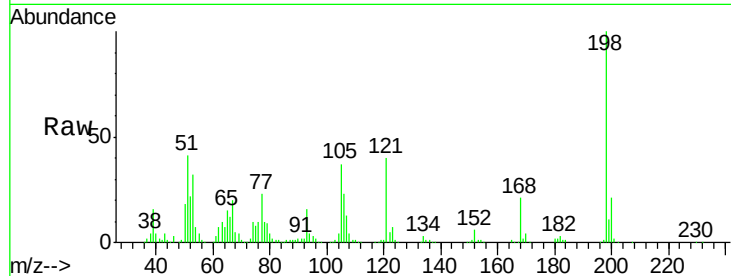




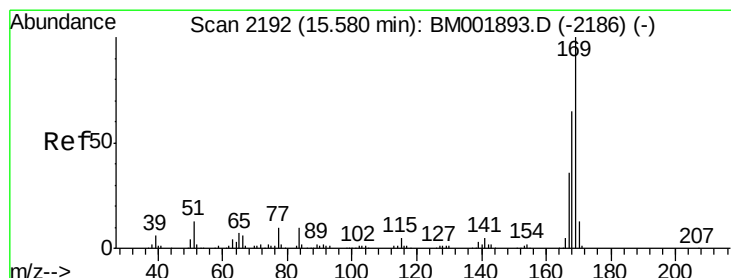
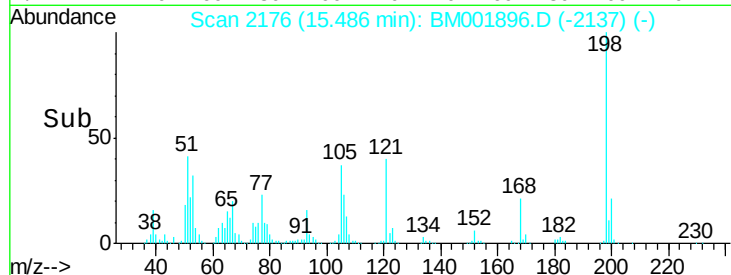
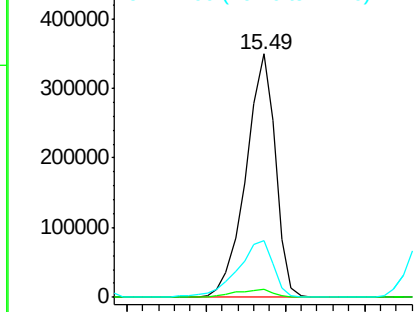
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 138.71 ng/ul  
 RT: 15.49 min Scan# 2176  
 Delta R.T. 0.03 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 198     | 100   |       |       |
| 182     | 3.1   | 2.9   | 4.3   |
| 77      | 23.3  | 20.8  | 31.2  |

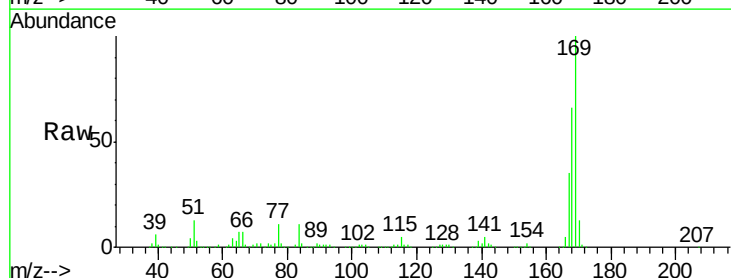


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BM

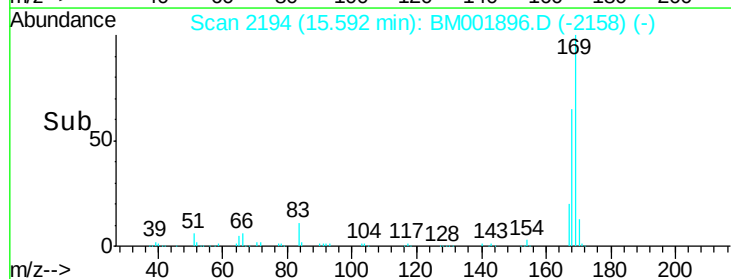
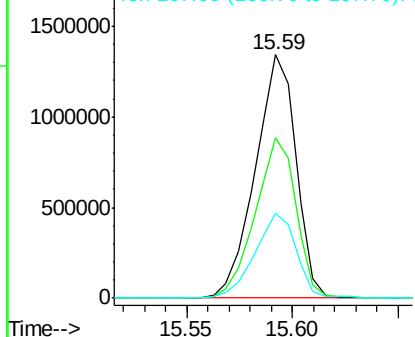


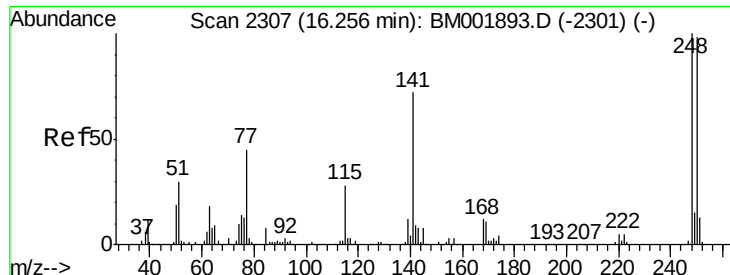
#64  
 N-Nitrosodiphenylamine  
 Concen: 125.72 ng/ul  
 RT: 15.59 min Scan# 2194  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 169     | 100   |       |       |
| 168     | 66.0  | 51.8  | 77.6  |
| 167     | 35.1  | 28.4  | 42.6  |



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

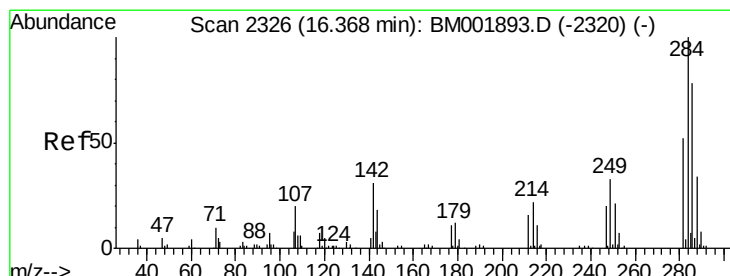
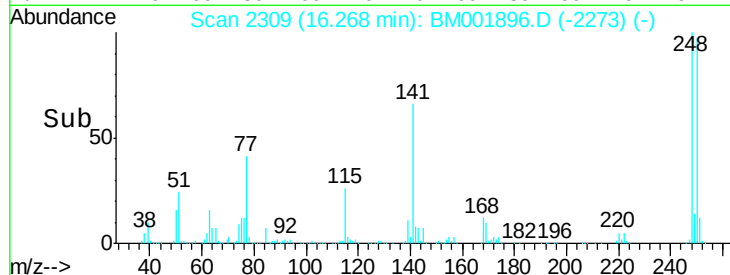
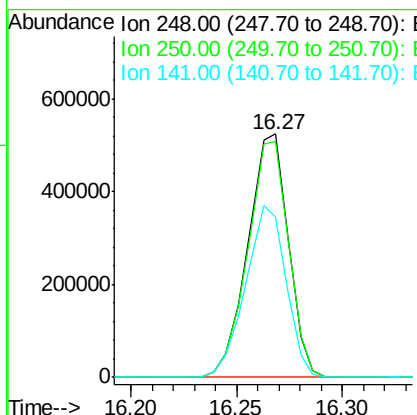
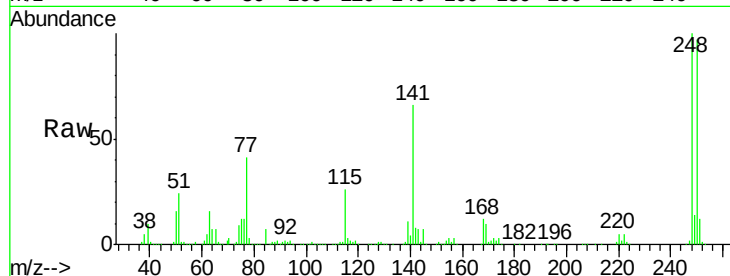




#65  
 4-Bromophenyl-phenylether  
 Concen: 127.42 ng/ul  
 RT: 16.27 min Scan# 2309  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

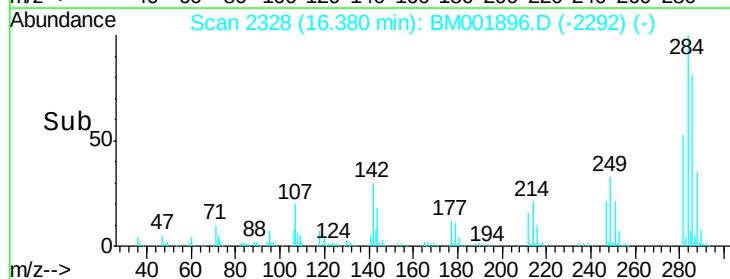
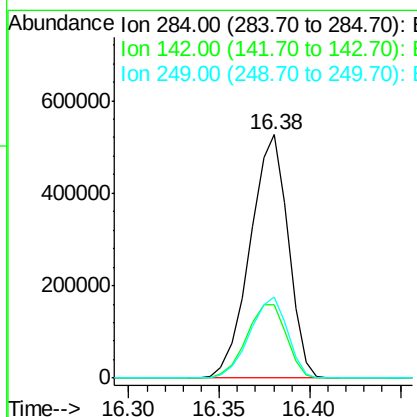
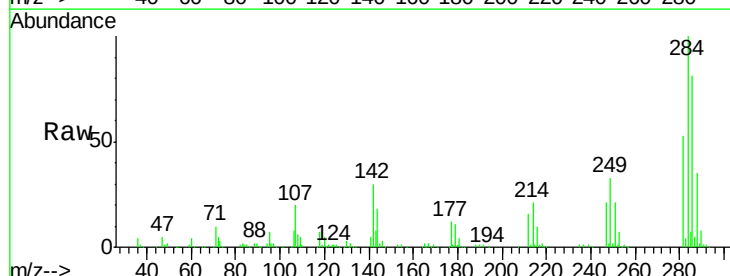
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

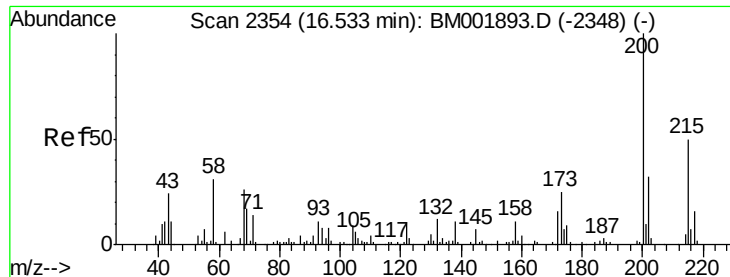
Tgt Ion: 248 Resp: 701809  
 Ion Ratio Lower Upper  
 248 100  
 250 97.0 78.6 118.0  
 141 65.8 57.4 86.2



#66  
 Hexachlorobenzene  
 Concen: 125.67 ng/ul  
 RT: 16.38 min Scan# 2328  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

Tgt Ion: 284 Resp: 769265  
 Ion Ratio Lower Upper  
 284 100  
 142 30.4 24.9 37.3  
 249 33.2 26.5 39.7

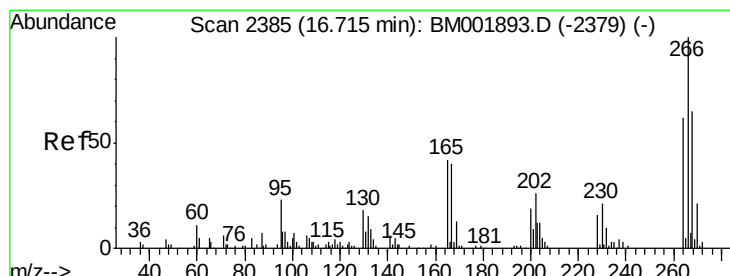
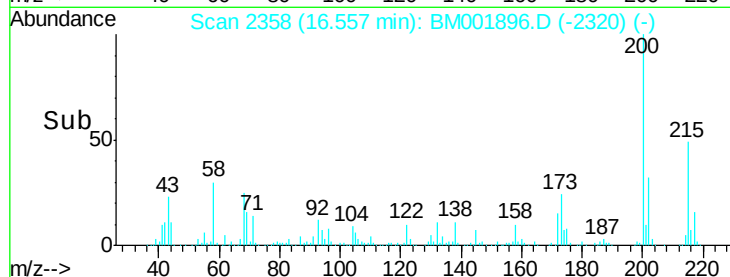
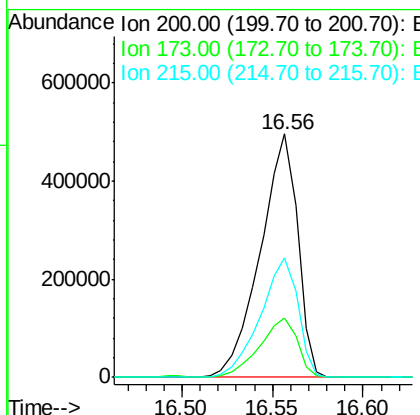
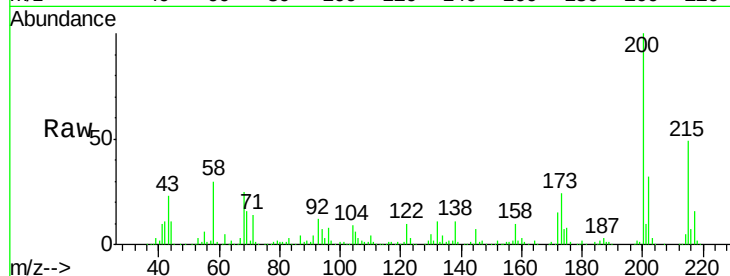




#67  
 Atrazine  
 Concen: 122.23 ng/ul  
 RT: 16.56 min Scan# 2358  
 Delta R.T. 0.02 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

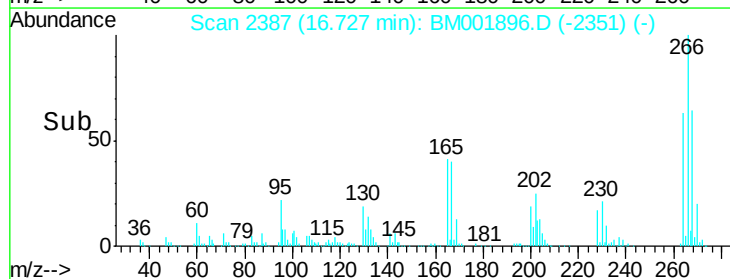
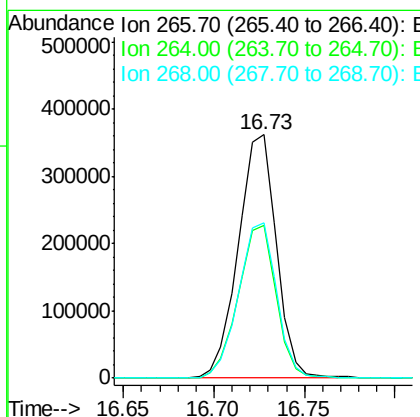
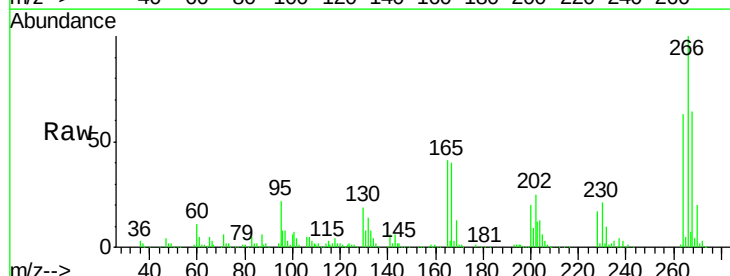
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD16035

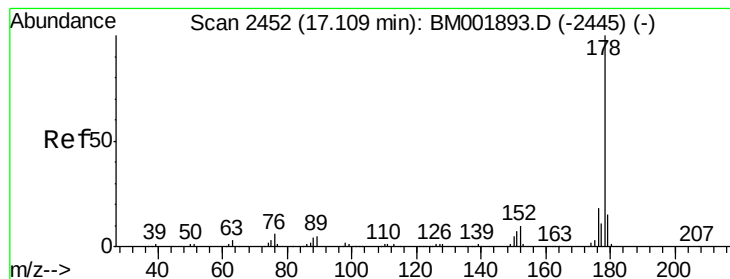
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.2  | 20.2  | 30.2  |
| 215     | 49.2  | 40.0  | 60.0  |



#68  
 Pentachlorophenol  
 Concen: 137.52 ng/ul  
 RT: 16.73 min Scan# 2387  
 Delta R.T. 0.01 min  
 Lab File: BM001896.D  
 Acq: 10 Jul 2015 18:00

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.9  | 49.6  | 74.4  |
| 268     | 64.0  | 52.0  | 78.0  |





#69

Phenanthrene

Concen: 123.60 ng/ul

RT: 17.12 min Scan# 2454

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

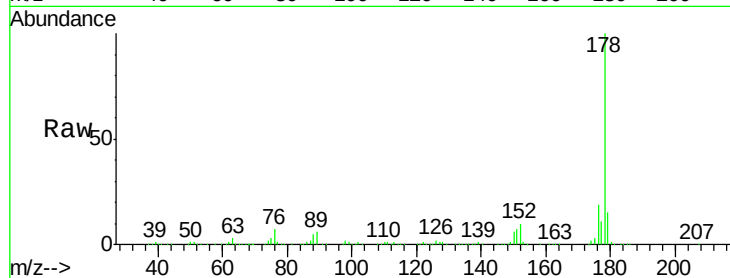
Tgt Ion:178 Resp: 3261401

Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

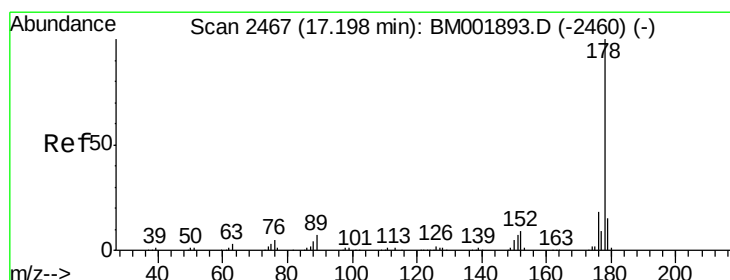
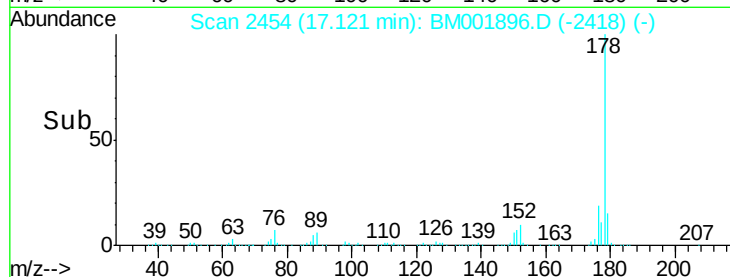
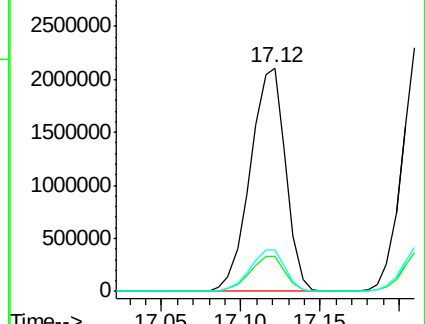
176 18.7 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 124.52 ng/ul

RT: 17.22 min Scan# 2470

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

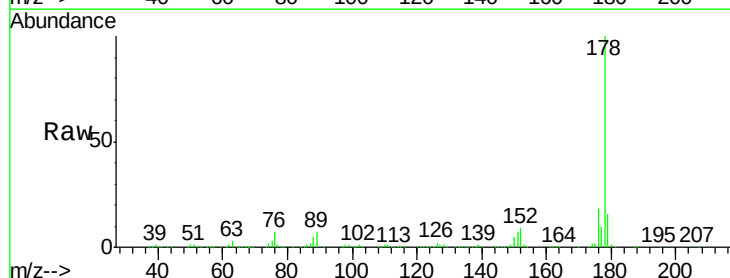
Tgt Ion:178 Resp: 3380484

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

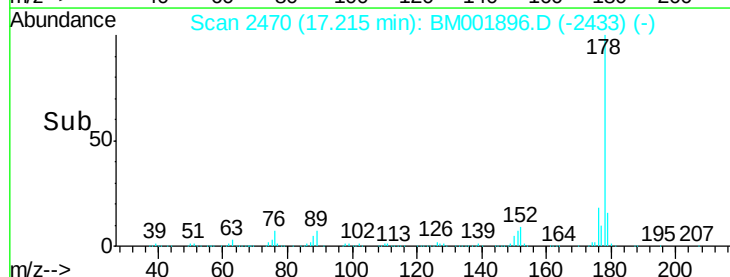
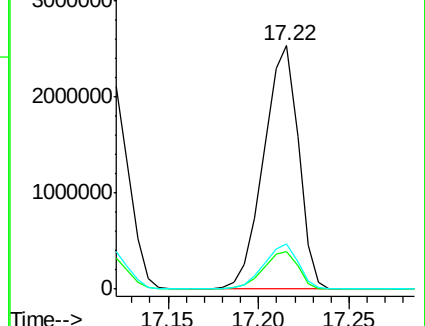
176 18.4 14.3 21.5

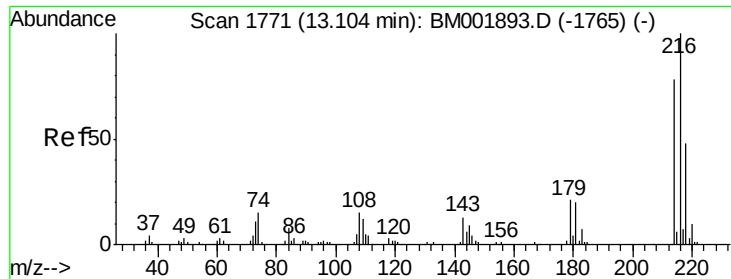


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 125.51 ng/uL

RT: 13.12 min Scan# 1773

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

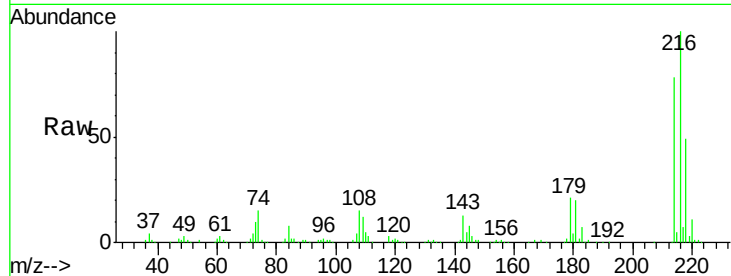
Tgt Ion:216 Resp: 952743

Ion Ratio Lower Upper

216 100

214 77.9 62.2 93.2

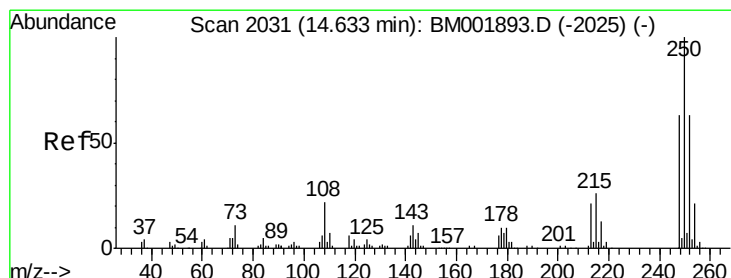
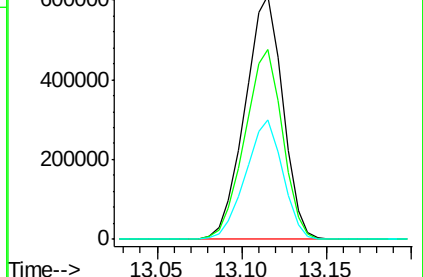
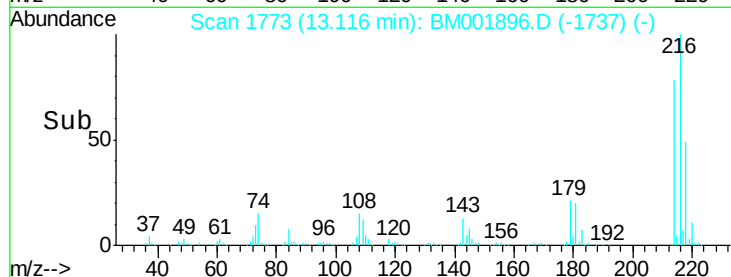
218 49.0 38.4 57.6



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



#73

Pentachlorobenzene

Concen: 127.11 ng/uL

RT: 14.65 min Scan# 2033

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

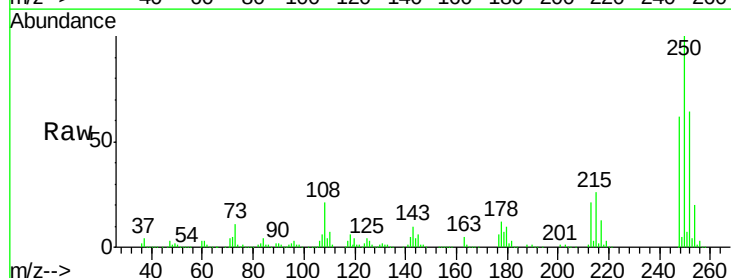
Tgt Ion:250 Resp: 915820

Ion Ratio Lower Upper

250 100

248 62.5 50.1 75.1

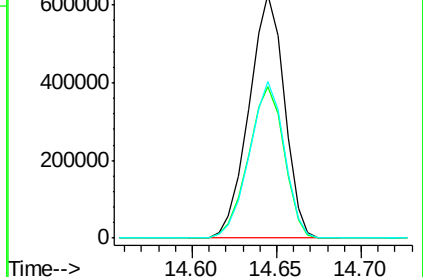
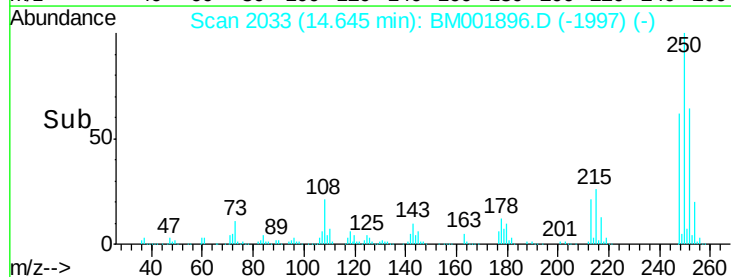
252 64.1 50.6 76.0

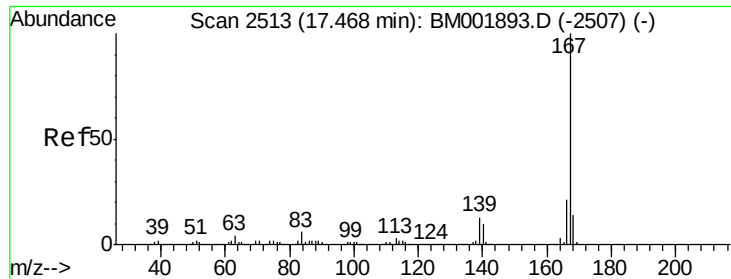


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 124.22 ng/ul

RT: 17.49 min Scan# 2516

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

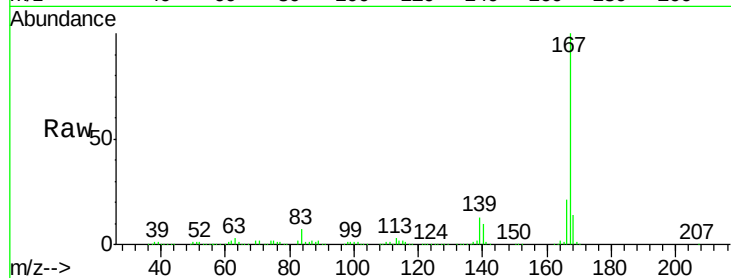
Tgt Ion:167 Resp: 2966043

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

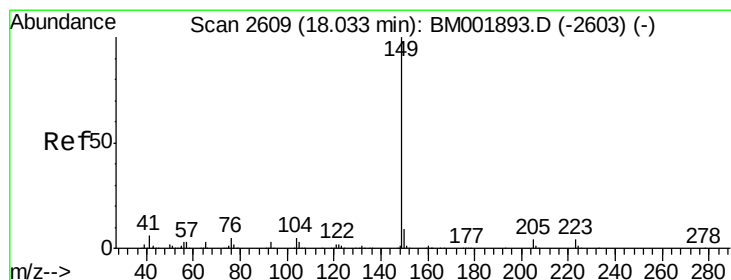
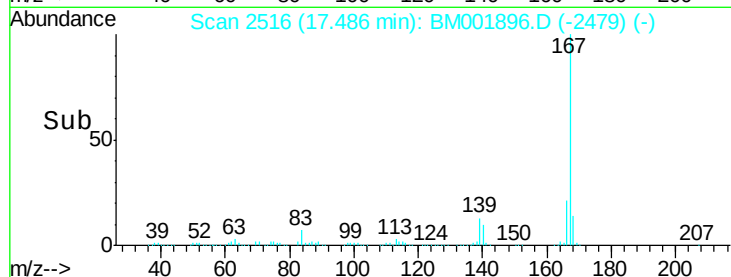
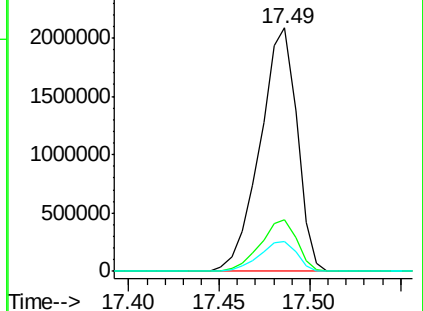
139 12.5 10.2 15.2



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



#75

Di-n-butylphthalate

Concen: 134.48 ng/ul

RT: 18.04 min Scan# 2610

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

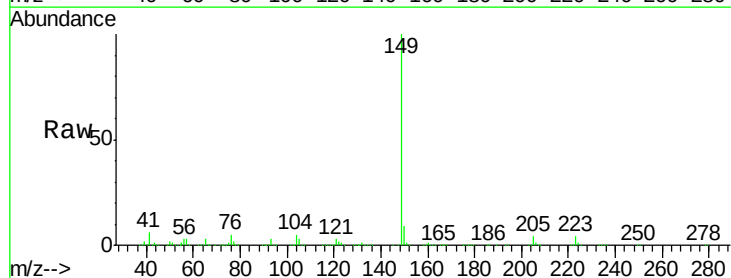
Tgt Ion:149 Resp: 3549406

Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

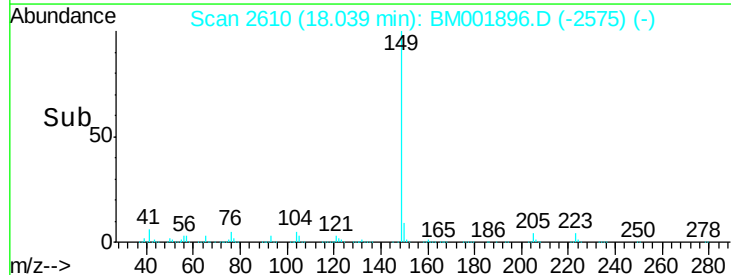
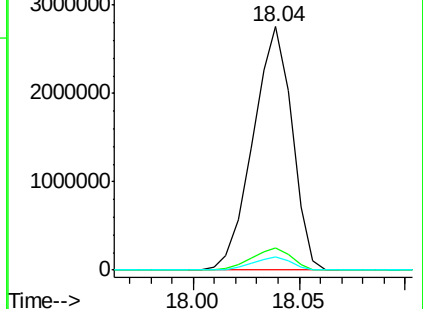
104 5.5 4.3 6.5



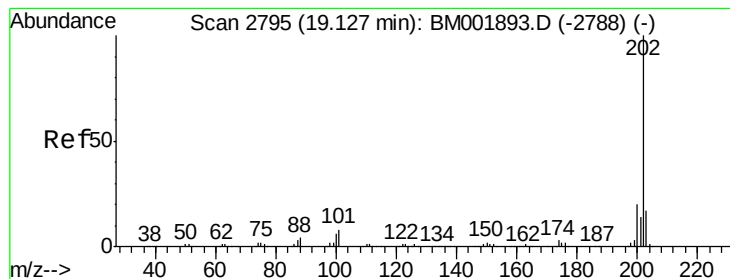
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#76

Fluoranthene

Concen: 124.73 ng/ul

RT: 19.14 min Scan# 2797

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

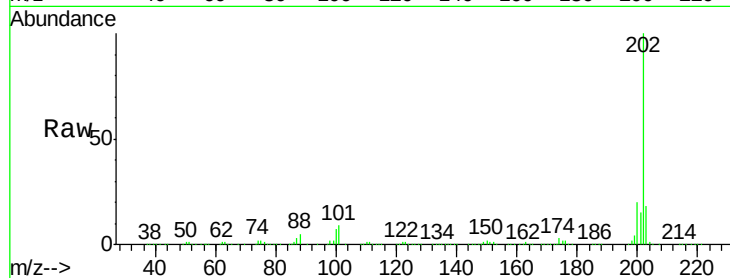
Tgt Ion:202 Resp: 3964799

Ion Ratio Lower Upper

202 100

101 8.8 6.3 9.5

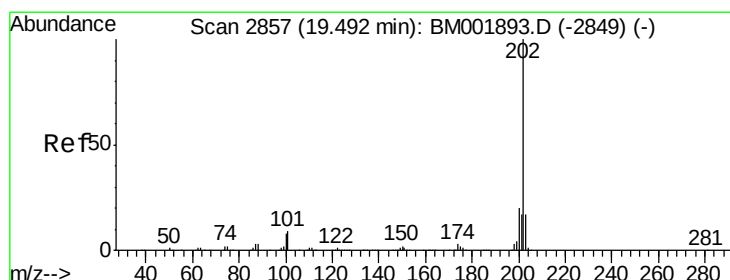
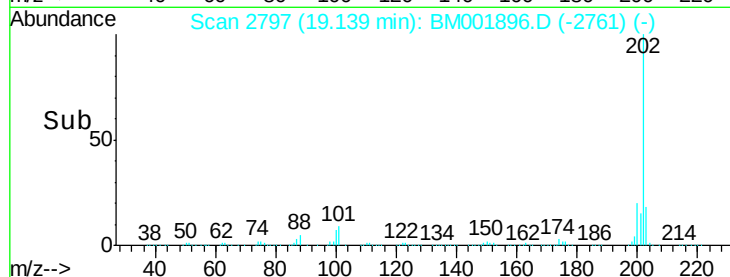
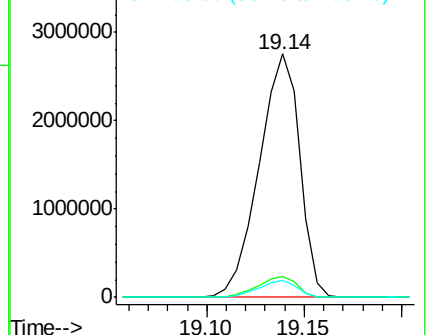
100 6.9 5.0 7.4



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



#79

Pyrene

Concen: 121.42 ng/ul

RT: 19.51 min Scan# 2860

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

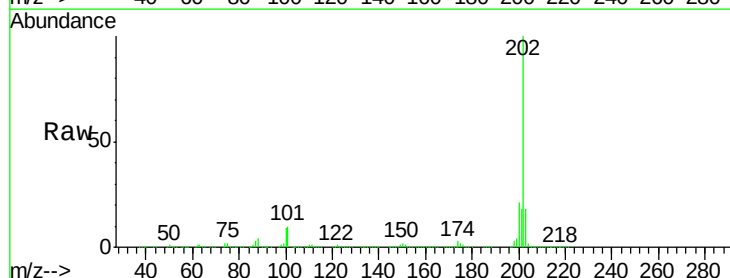
Tgt Ion:202 Resp: 4133748

Ion Ratio Lower Upper

202 100

101 10.3 7.3 10.9

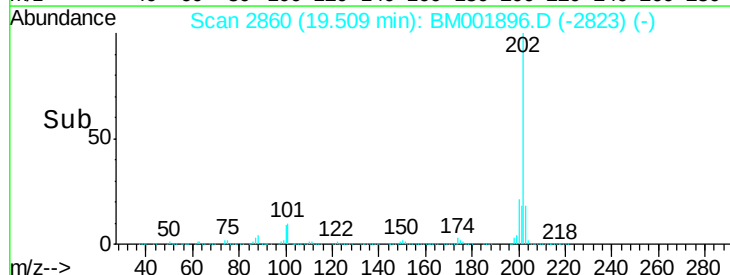
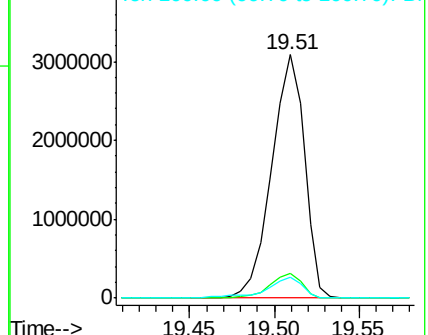
100 8.8 6.2 9.4

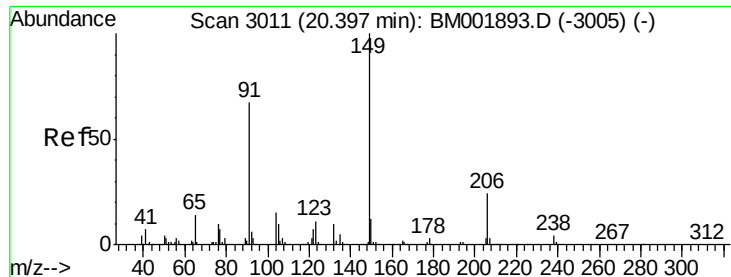


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

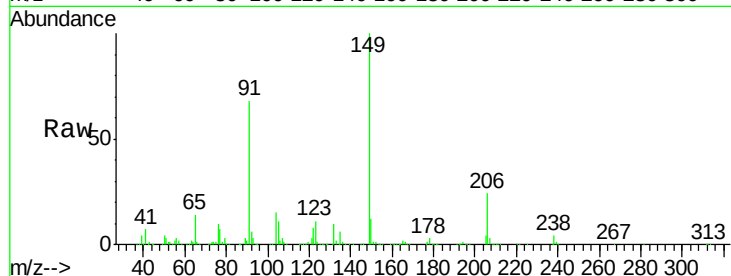




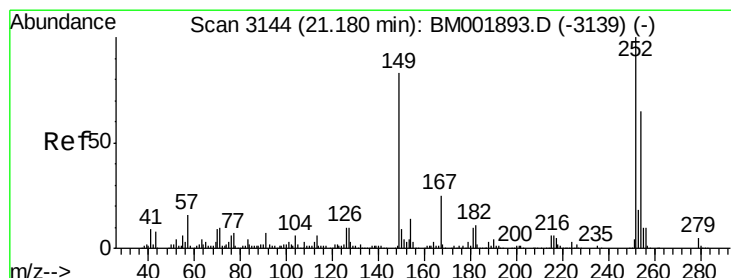
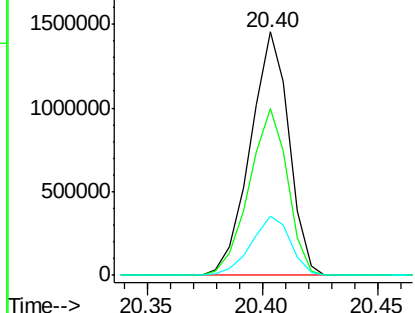
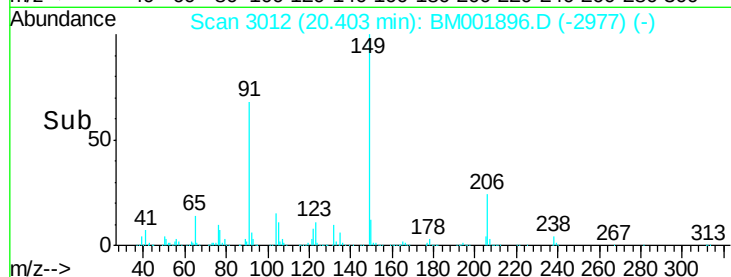
#80  
Butylbenzylphthalate  
Concen: 141.54 ng/ul  
RT: 20.40 min Scan# 3012  
Delta R.T. 0.01 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD16035

Tgt Ion:149 Resp: 1692667  
Ion Ratio Lower Upper  
149 100  
91 68.4 53.4 80.0  
206 24.2 19.0 28.4

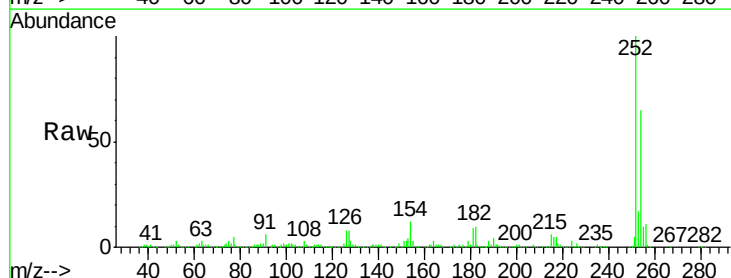


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM  
Ion 206.00 (205.70 to 206.70): E

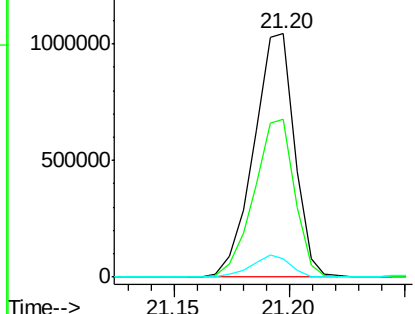
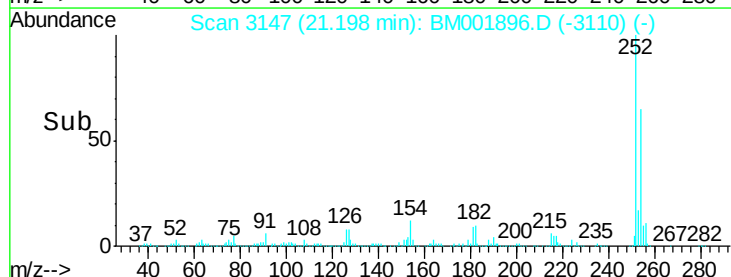


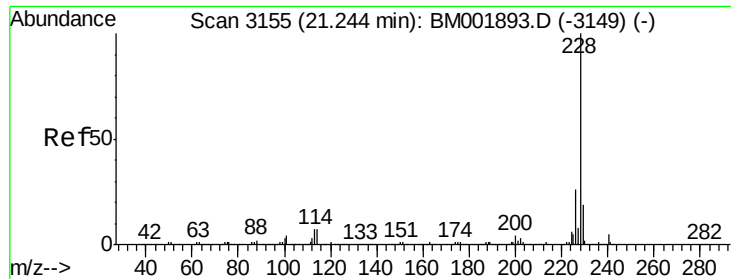
#81  
3,3'-Dichlorobenzidine  
Concen: 112.53 ng/ul  
RT: 21.20 min Scan# 3147  
Delta R.T. 0.02 min  
Lab File: BM001896.D  
Acq: 10 Jul 2015 18:00

Tgt Ion:252 Resp: 1287303  
Ion Ratio Lower Upper  
252 100  
254 64.8 51.9 77.9  
126 7.6 7.6 11.4



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 120.64 ng/ul

RT: 21.26 min Scan# 3157

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

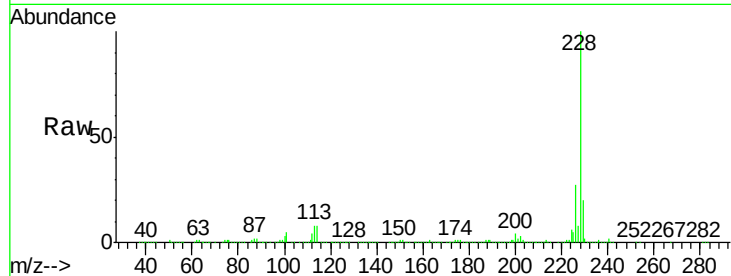
Tgt Ion:228 Resp: 4307239

Ion Ratio Lower Upper

228 100

229 20.0 15.4 23.2

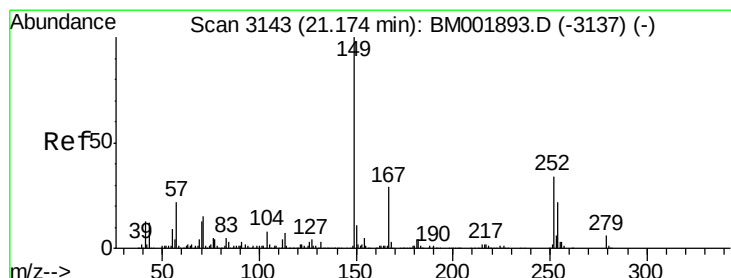
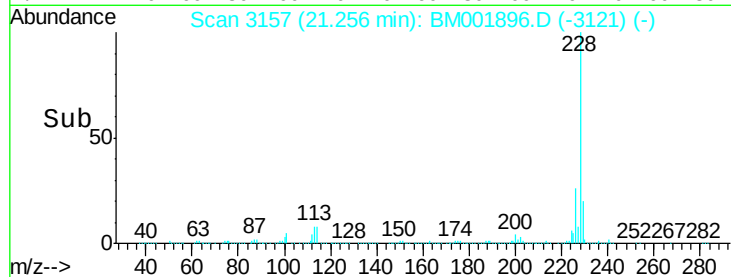
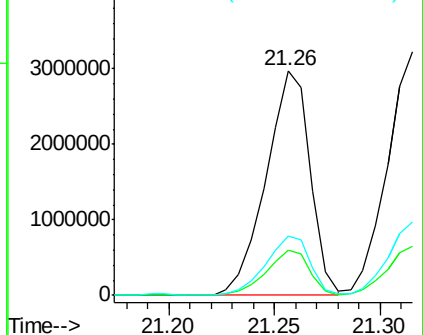
226 26.5 20.7 31.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 141.76 ng/ul

RT: 21.18 min Scan# 3144

Delta R.T. 0.01 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

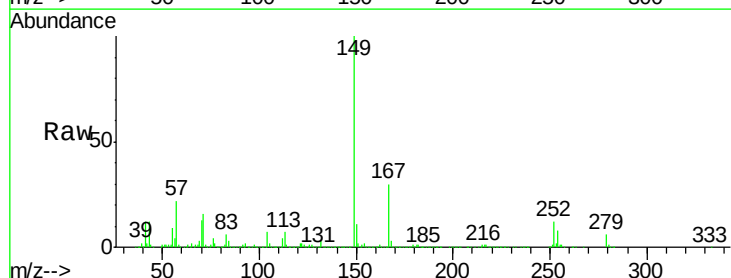
Tgt Ion:149 Resp: 2524273

Ion Ratio Lower Upper

149 100

167 29.8 23.2 34.8

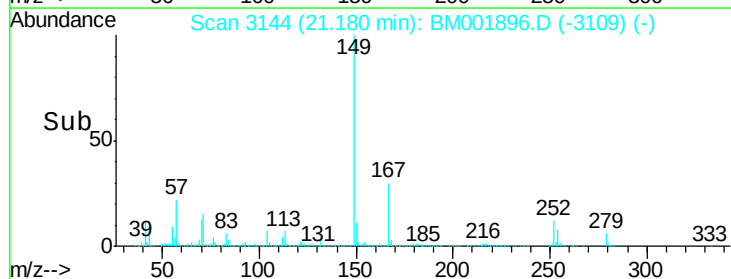
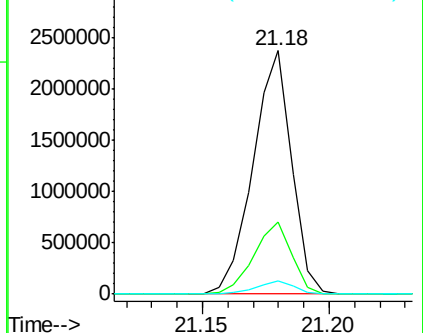
279 5.7 4.5 6.7

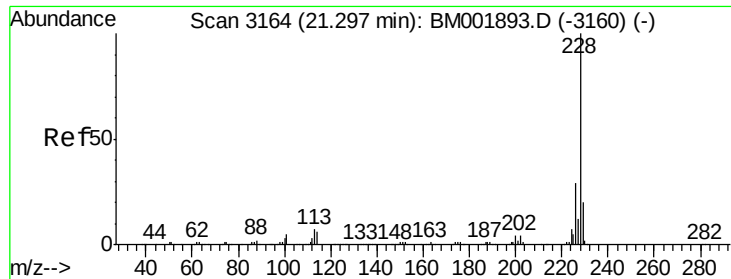


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 120.28 ng/ul

RT: 21.32 min Scan# 3167

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

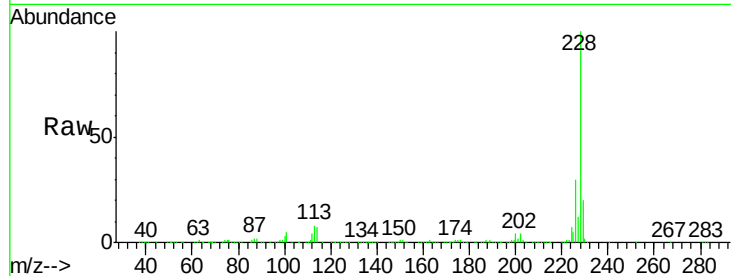
Tgt Ion:228 Resp: 4046031

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

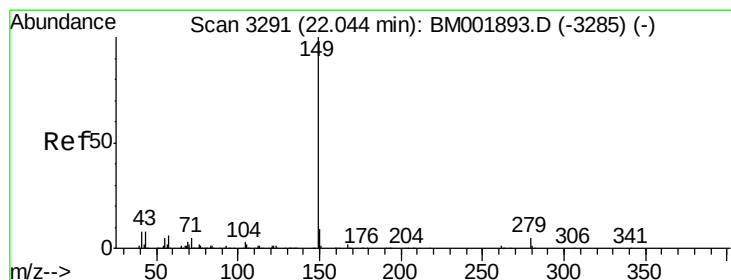
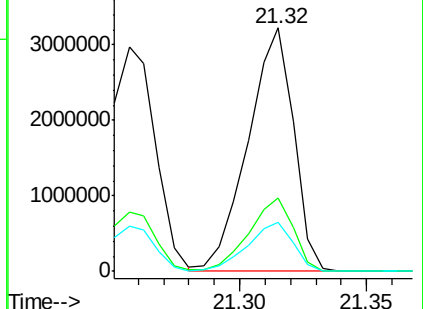
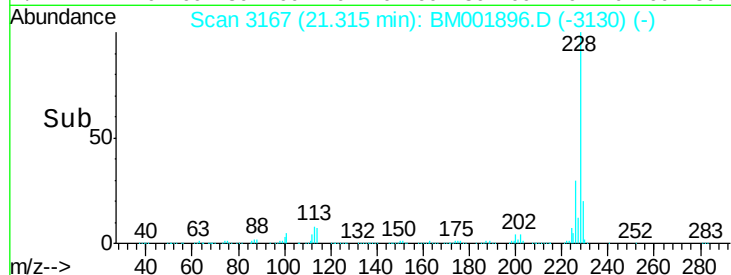
229 20.1 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 135.51 ng/ul

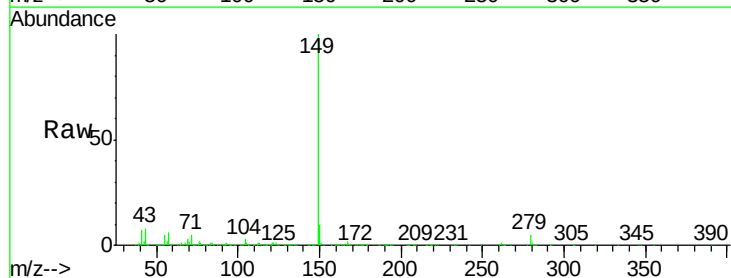
RT: 22.06 min Scan# 3293

Delta R.T. 0.01 min

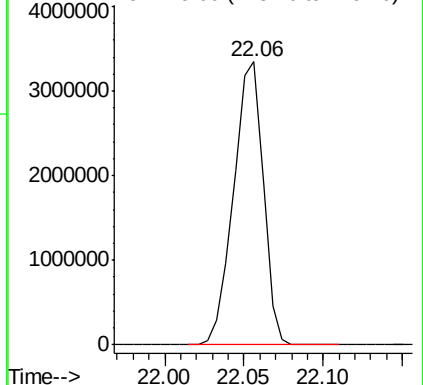
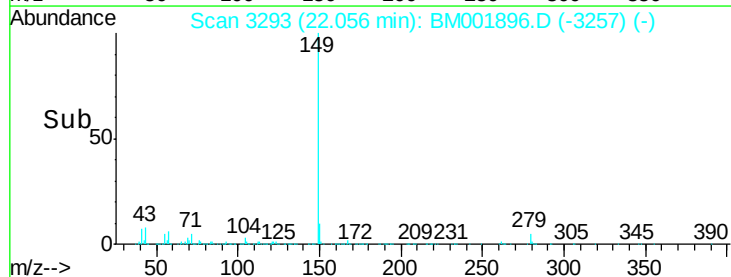
Lab File: BM001896.D

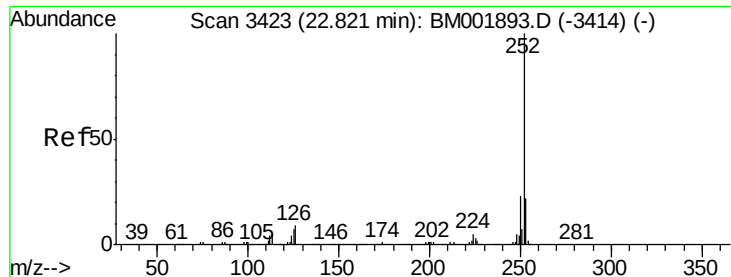
Acq: 10 Jul 2015 18:00

Tgt Ion:149 Resp: 4341213



Abundance Ion 149.00 (148.70 to 149.70): E





#87

Benzo(b)fluoranthene

Concen: 126.17 ng/ul

RT: 22.84 min Scan# 3426

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

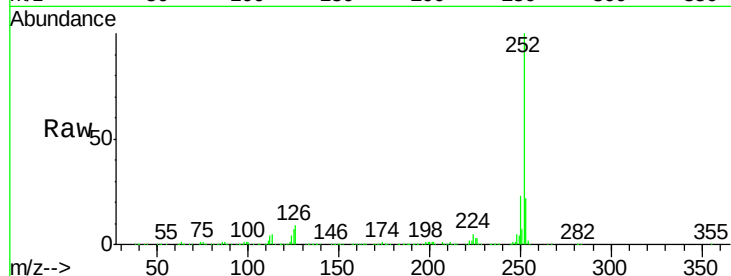
Tgt Ion:252 Resp: 4562380

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

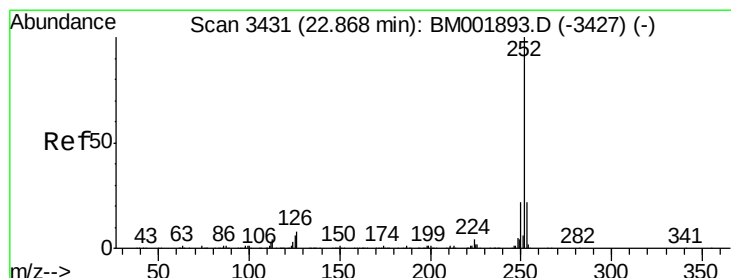
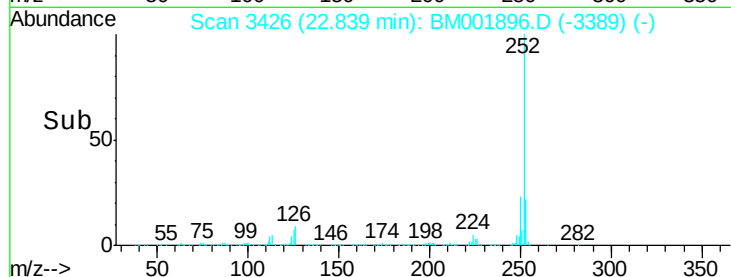
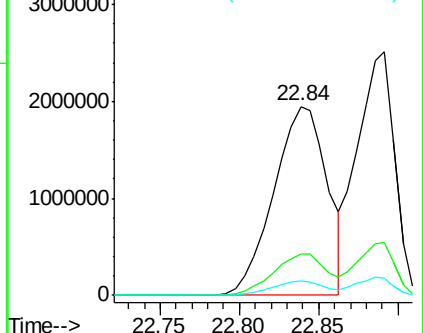
125 7.4 5.3 7.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 120.10 ng/ul

RT: 22.89 min Scan# 3435

Delta R.T. 0.02 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

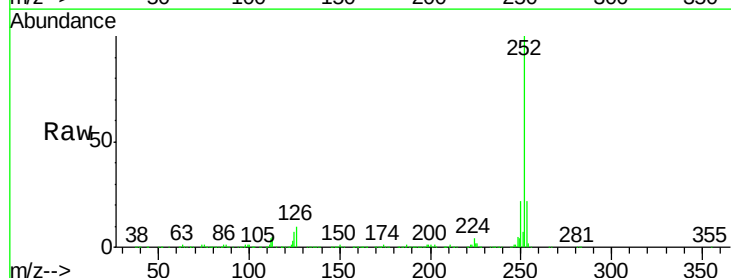
Tgt Ion:252 Resp: 4127308

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.2

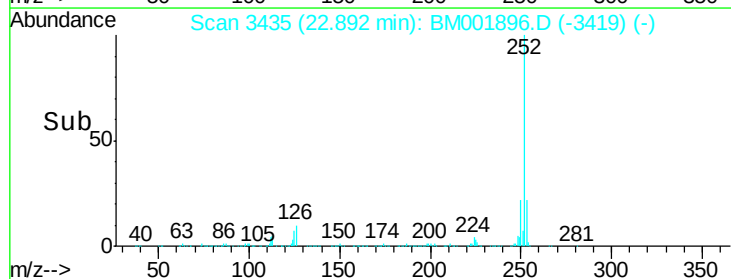
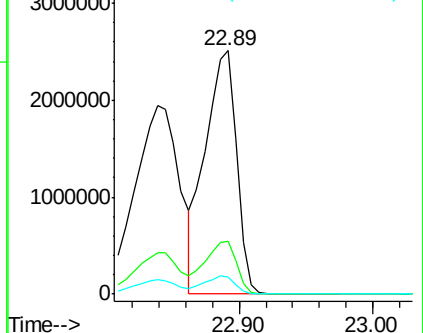
125 7.1 5.1 7.7

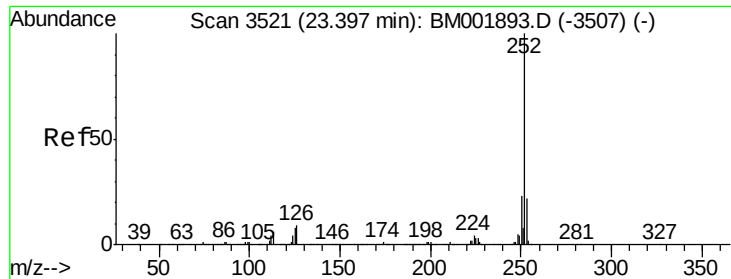


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 122.95 ng/ul

RT: 23.43 min Scan# 3526

Delta R.T. 0.03 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

BNA\_M

ClientSampleId :

SSTD16035

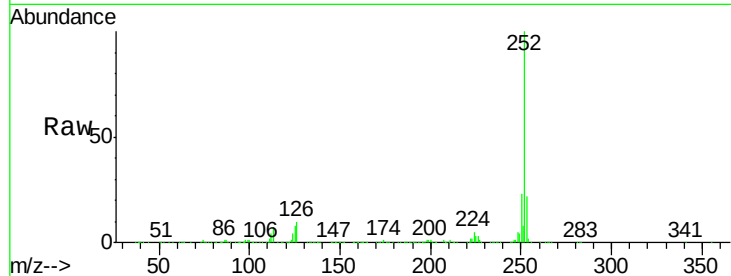
Tgt Ion:252 Resp: 4284031

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

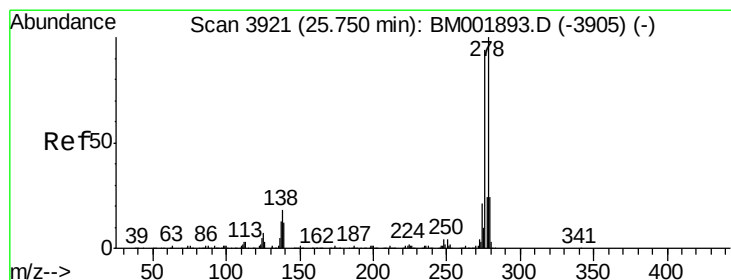
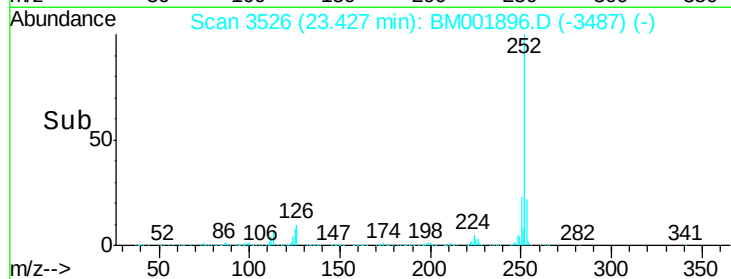
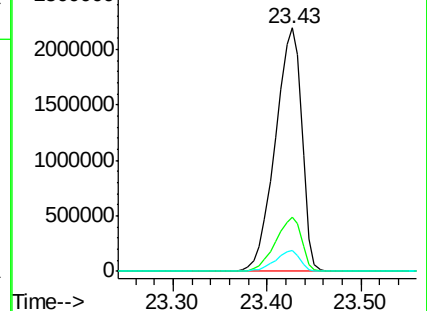
125 8.3 6.0 9.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 118.48 ng/ul

RT: 25.81 min Scan# 3931

Delta R.T. 0.06 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

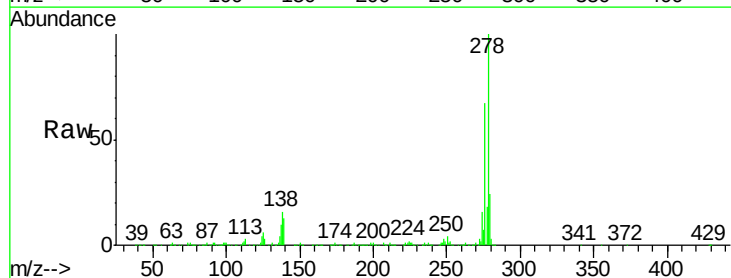
Tgt Ion:276 Resp: 4889184

Ion Ratio Lower Upper

276 100

138 23.7 15.2 22.8#

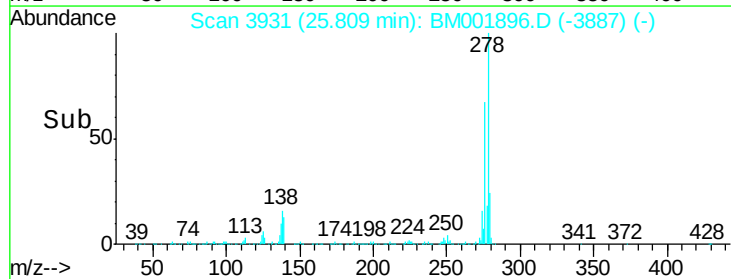
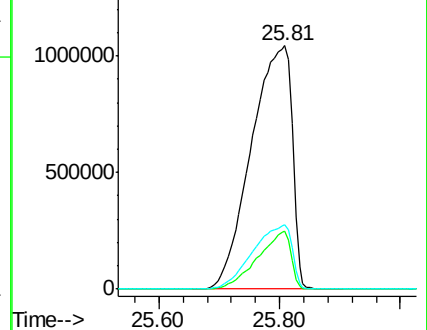
277 26.4 20.1 30.1

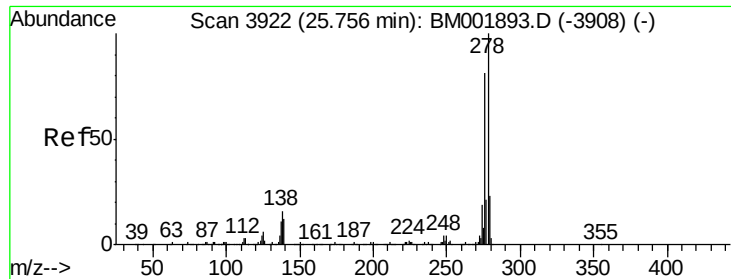


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 119.97 ng/ul

RT: 25.81 min Scan# 3931

Delta R.T. 0.05 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Instrument :

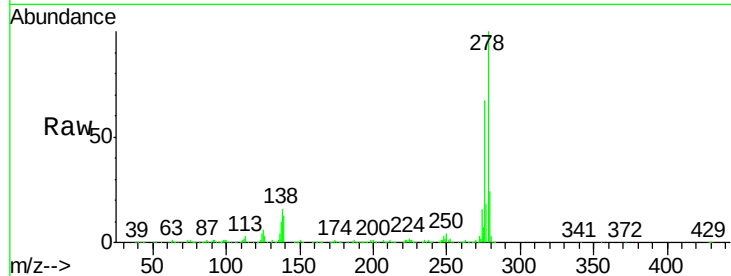
BNA\_M

ClientSampleId :

SSTD16035

Tgt Ion:278 Resp: 4187417

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.6  | 9.5   | 14.3  |
| 279 | 23.7  | 18.2  | 27.4  |

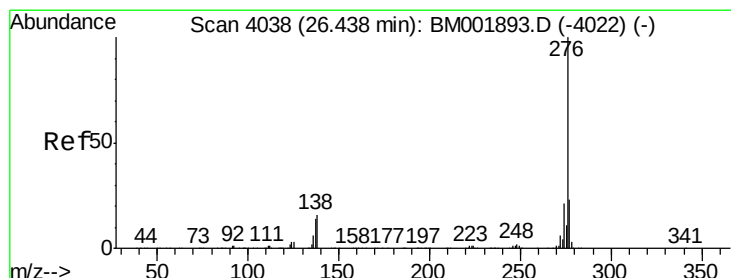
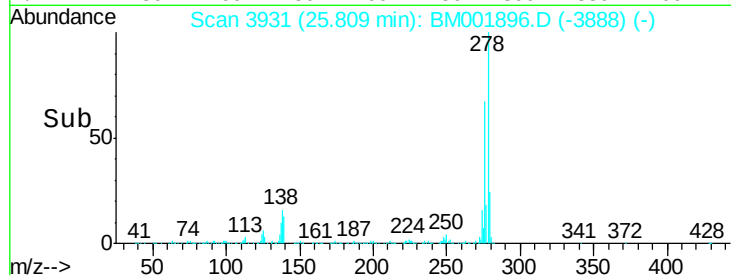
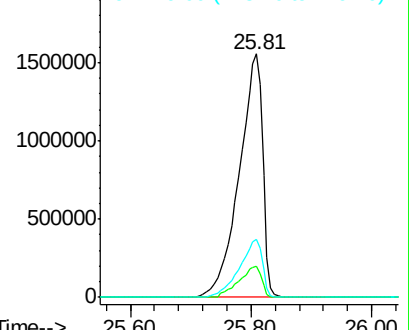


Abundance

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



#93

Benzo(g,h,i)perylene

Concen: 115.08 ng/ul

RT: 26.49 min Scan# 4047

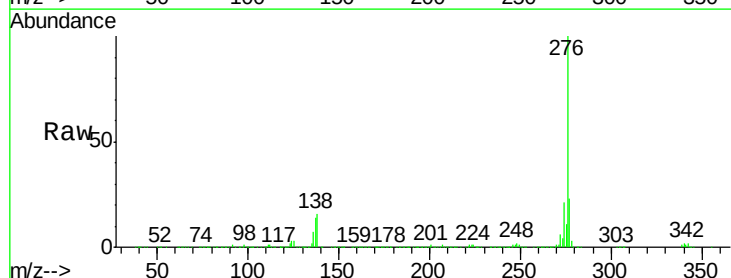
Delta R.T. 0.05 min

Lab File: BM001896.D

Acq: 10 Jul 2015 18:00

Tgt Ion:276 Resp: 3975104

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.1  | 12.7  | 19.1  |
| 277 | 23.4  | 18.6  | 28.0  |



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

