

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112817\  
 Data File : BM013146.D  
 Acq On : 28 Nov 2017 20:55  
 Operator : SJ/JU  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

Quant Time: Nov 29 03:47:56 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 29 03:43:23 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.70  | 152  | 206133   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.49 | 136  | 909606   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.34 | 164  | 573636   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.09 | 188  | 1382377  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.28 | 240  | 1451765  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.50 | 264  | 1133780  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.25  | 96  | 30927   | 6.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.89  | 99  | 364254  | 20.40 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.05  | 67  | 209837  | 20.71 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.25  | 132 | 291707  | 20.44 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.42  | 113 | 307153  | 21.00 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.86  | 128 | 151602  | 23.39 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.57  | 143 | 167096  | 27.10 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.12 | 165 | 330579  | 21.12 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.63 | 131 | 376187  | 22.98 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.76 | 166 | 1030934 | 20.49 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.04 | 160 | 1285805 | 20.06 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.56 | 143 | 176152  | 23.08 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.34 | 176 | 882931  | 20.65 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.46 | 200 | 160717  | 26.81 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.19 | 188 | 1407377 | 19.89 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.49 | 212 | 1550253 | 20.90 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.36 | 264 | 1198732 | 20.85 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.28  | 88  | 35283  | 7.22  | ng/uL# | 62     |
| 4) Benzaldehyde                | 6.86  | 77  | 195736 | 20.34 | ng/ul  | 91     |
| 6) Phenol                      | 6.92  | 94  | 356580 | 20.23 | ng/ul# | 84     |
| 8) Bis(2-Chloroethyl)ether     | 7.14  | 93  | 277816 | 20.94 | ng/ul  | 95     |
| 10) 2-Chlorophenol             | 7.27  | 128 | 284238 | 20.12 | ng/ul  | 98     |
| 11) 2-Methylphenol             | 8.15  | 108 | 279053 | 20.86 | ng/ul  | 98     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.23  | 45  | 300665 | 19.97 | ng/ul# | 82     |
| 14) Acetophenone               | 8.52  | 105 | 478100 | 21.33 | ng/ul  | 91     |
| 15) N-Nitroso-di-n-propylamine | 8.51  | 70  | 242919 | 21.13 | ng/ul# | 69     |
| 16) 4-Methylphenol             | 8.48  | 108 | 297950 | 20.97 | ng/ul  | 100    |
| 17) Hexachloroethane           | 8.77  | 117 | 124287 | 20.78 | ng/ul  | 83     |
| 20) Nitrobenzene               | 8.90  | 77  | 360772 | 22.27 | ng/ul  | 94     |
| 21) Isophorone                 | 9.42  | 82  | 676126 | 20.37 | ng/ul# | 94     |
| 23) 2-Nitrophenol              | 9.60  | 139 | 165823 | 24.71 | ng/ul# | 86     |
| 24) 2,4-Dimethylphenol         | 9.67  | 107 | 365133 | 20.68 | ng/ul# | 89     |
| 25) Bis(2-Chloroethoxy)methane | 9.91  | 93  | 390786 | 20.52 | ng/ul  | 94     |
| 27) 2,4-Dichlorophenol         | 10.14 | 162 | 302109 | 20.77 | ng/ul# | 88     |
| 28) Naphthalene                | 10.53 | 128 | 966714 | 20.63 | ng/ul  | 97     |
| 30) 4-Chloroaniline            | 10.65 | 127 | 363091 | 23.14 | ng/ul  | 97     |
| 31) Hexachlorobutadiene        | 10.82 | 225 | 214056 | 20.44 | ng/ul  | 94     |
| 32) Caprolactam                | 11.42 | 113 | 77913  | 17.06 | ng/ul# | 39     |
| 33) 4-Chloro-3-methylphenol    | 11.79 | 107 | 334368 | 21.58 | ng/ul  | 94     |
| 34) 2-Methylnaphthalene        | 12.15 | 142 | 714410 | 20.83 | ng/ul  | 95     |

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 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

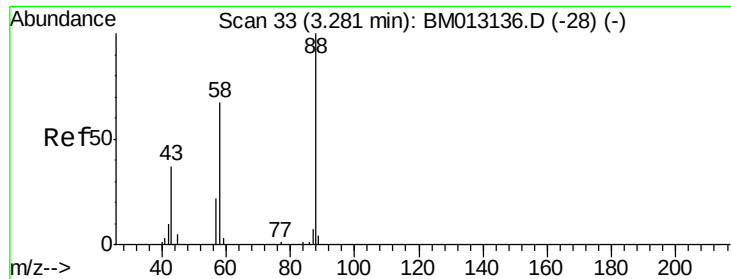
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

Quant Time: Nov 29 03:47:56 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Nov 29 03:43:23 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.52 | 216  | 419457   | 20.10 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.50 | 237  | 256998   | 16.65 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.77 | 196  | 272245   | 21.65 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.84 | 196  | 285392   | 21.71 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.17 | 154  | 967856   | 20.03 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.22 | 162  | 764566   | 19.96 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.43 | 65   | 229227   | 28.18 | ng/ul  | 90       |
| 44) Dimethylphthalate          | 13.81 | 163  | 988685   | 20.55 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.93 | 165  | 210487   | 28.67 | ng/ul# | 96       |
| 47) Acenaphthylene             | 14.07 | 152  | 1177618  | 19.94 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.26 | 138  | 192928   | 28.06 | ng/ul  | 88       |
| 49) Acenaphthene               | 14.41 | 153  | 799375   | 20.14 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.46 | 184  | 94672    | 26.94 | ng/ul  | 92       |
| 52) 4-Nitrophenol              | 14.58 | 109  | 170594   | 24.67 | ng/ul# | 78       |
| 53) Dibenzofuran               | 14.74 | 168  | 1155977  | 20.33 | ng/ul  | 99       |
| 54) 2,4-Dinitrotoluene         | 14.72 | 165  | 295640   | 28.79 | ng/ul# | 85       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.97 | 232  | 261527   | 23.75 | ng/ul# | 89       |
| 56) Diethylphthalate           | 15.18 | 149  | 987955   | 20.31 | ng/ul  | 95       |
| 58) Fluorene                   | 15.40 | 166  | 972308   | 20.77 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.40 | 204  | 518971   | 20.98 | ng/ul  | 100      |
| 60) 4-Nitroaniline             | 15.42 | 138  | 210388   | 23.27 | ng/ul  | 95       |
| 63) 4,6-Dinitro-2-methylphenol | 15.48 | 198  | 162587   | 24.98 | ng/ul# | 88       |
| 64) N-Nitrosodiphenylamine     | 15.61 | 169  | 834420   | 19.23 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.29 | 248  | 328107   | 19.60 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 16.40 | 284  | 357272   | 19.77 | ng/ul# | 92       |
| 67) Atrazine                   | 16.57 | 200  | 327850   | 19.72 | ng/ul  | 90       |
| 68) Pentachlorophenol          | 16.74 | 266  | 199139   | 21.37 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.13 | 178  | 1570743  | 20.20 | ng/ul  | 99       |
| 71) Anthracene                 | 17.23 | 178  | 1607419  | 19.92 | ng/ul  | 99       |
| 72) Carbazole                  | 17.50 | 167  | 1369020  | 19.62 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.07 | 149  | 1708127  | 19.22 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.15 | 202  | 1897725  | 20.19 | ng/ul# | 92       |
| 77) Pyrene                     | 19.52 | 202  | 1895304  | 20.97 | ng/ul# | 92       |
| 78) Butylbenzylphthalate       | 20.42 | 149  | 782878   | 20.84 | ng/ul  | 94       |
| 79) 3,3'-Dichlorobenzidine     | 21.20 | 252  | 630764   | 21.14 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.26 | 228  | 1849735  | 19.91 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.20 | 149  | 1142683  | 20.64 | ng/ul# | 97       |
| 82) Chrysene                   | 21.32 | 228  | 1707364  | 19.82 | ng/ul  | 100      |
| 84) Di-n-octyl phthalate       | 22.08 | 149  | 1867945  | 25.00 | ng/ul  | 100      |
| 85) Benzo(b)fluoranthene       | 22.84 | 252  | 1612448  | 22.01 | ng/ul# | 98       |
| 86) Benzo(k)fluoranthene       | 22.88 | 252  | 1544672  | 22.90 | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.41 | 252  | 1398529  | 20.50 | ng/ul# | 96       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.74 | 276  | 1317872  | 16.53 | ng/ul# | 91       |
| 90) Dibenzo(a,h)anthracene     | 25.76 | 278  | 1120508  | 16.60 | ng/ul# | 96       |
| 91) Benzo(g,h,i)perylene       | 26.42 | 276  | 1046396  | 15.80 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 7.22 ng/uL

RT: 3.28 min Scan# 33

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

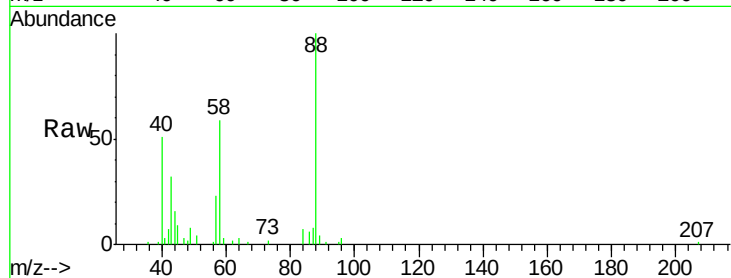
Tot Ion: 88 Resp: 35283

Ion Ratio Lower Upper

88 100

43 32.6 48.0 72.0#

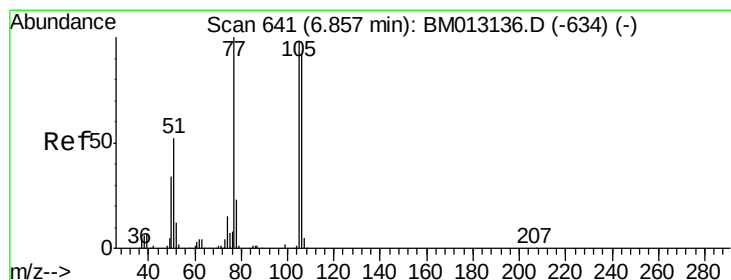
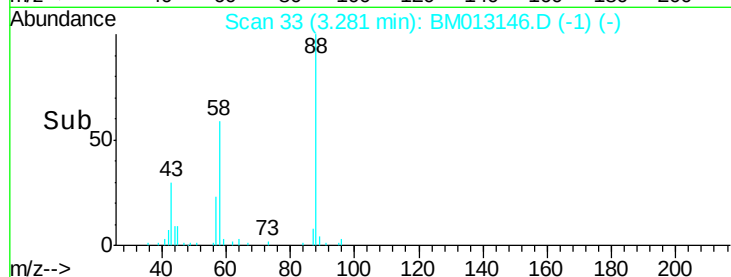
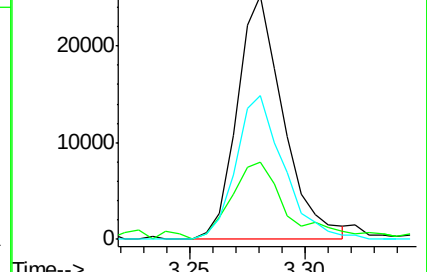
58 61.1 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM013136.D (-28) (-)

Ion 43.00 (42.70 to 43.70): BM013136.D (-28) (-)

Ion 58.00 (57.70 to 58.70): BM013136.D (-28) (-)



#4

Benzaldehyde

Concen: 20.34 ng/uL

RT: 6.86 min Scan# 641

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

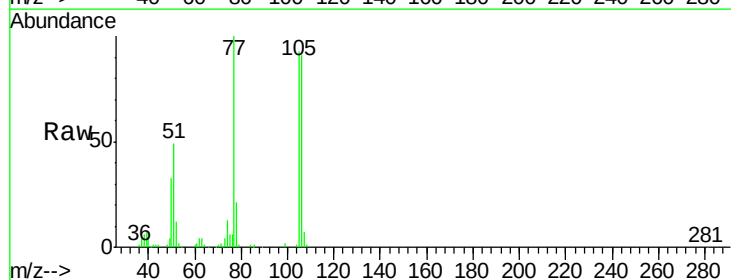
Tgt Ion: 77 Resp: 195736

Ion Ratio Lower Upper

77 100

105 93.0 66.1 99.1

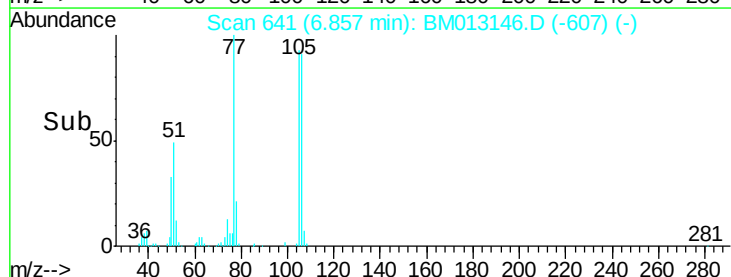
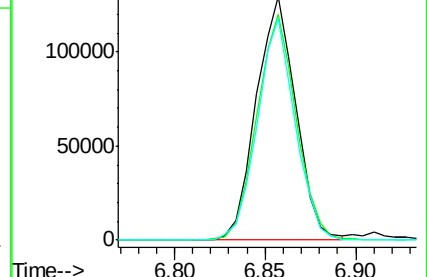
106 91.4 67.8 101.6

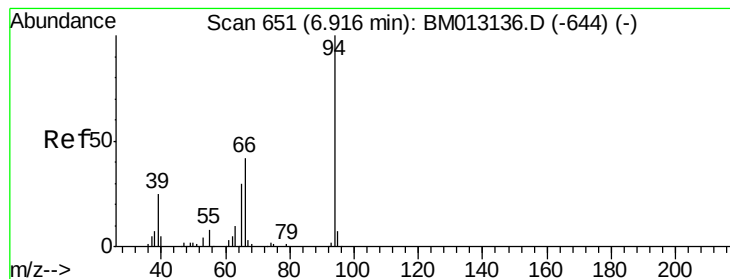


Abundance Ion 77.00 (76.70 to 77.70): BM013136.D (-634) (-)

Ion 105.00 (104.70 to 105.70): BM013136.D (-634) (-)

Ion 106.00 (105.70 to 106.70): BM013136.D (-634) (-)





#6

Phenol

Concen: 20.23 ng/ul

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

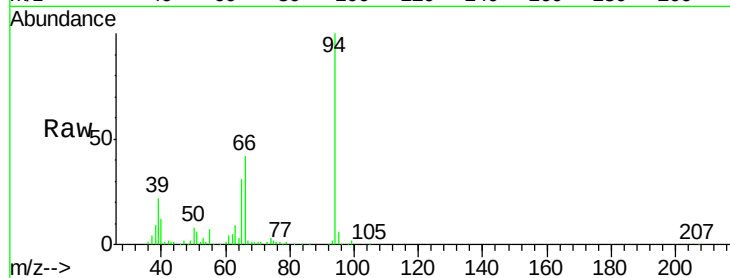
Tot Ion: 94 Resp: 356580

Ion Ratio Lower Upper

94 100

65 31.3 28.2 42.4

66 42.4 47.2 70.8#

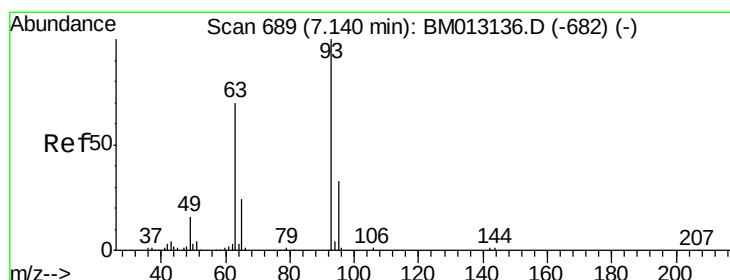
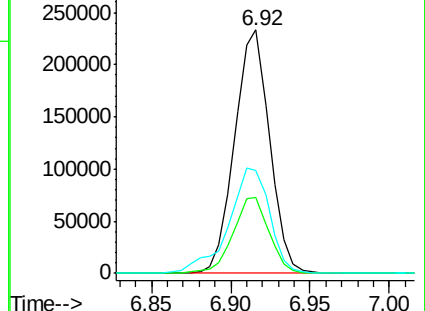
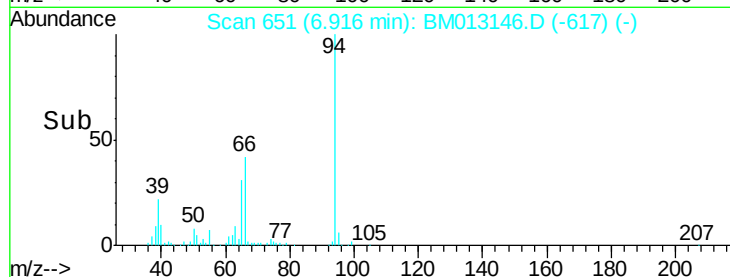


Abundance Ion 94.00 (93.70 to 94.70): BM013136.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013136.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013136.D (-644) (-)

Time-->



#8

Bis(2-Chloroethyl)ether

Concen: 20.94 ng/ul

RT: 7.14 min Scan# 689

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

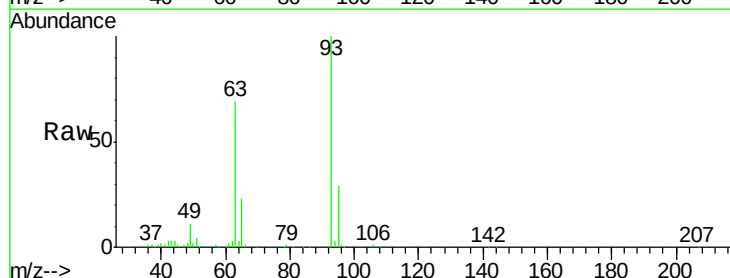
Tgt Ion: 93 Resp: 277816

Ion Ratio Lower Upper

93 100

63 68.7 57.3 85.9

95 29.1 26.6 39.8

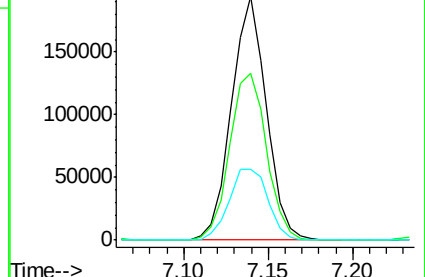
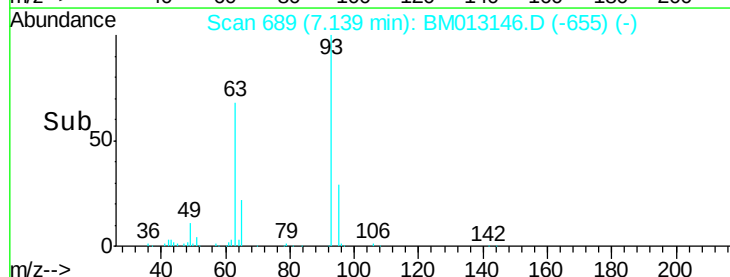


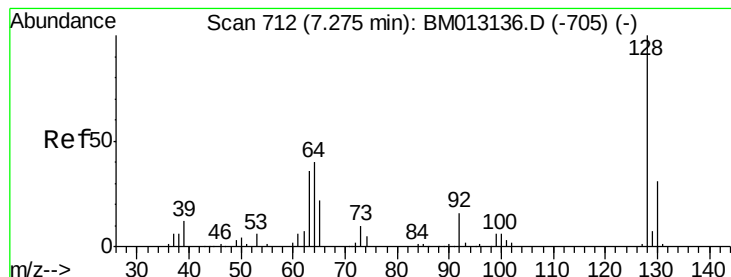
Abundance Ion 93.00 (92.70 to 93.70): BM013136.D (-682) (-)

Ion 63.00 (62.70 to 63.70): BM013136.D (-682) (-)

Ion 95.00 (94.70 to 95.70): BM013136.D (-682) (-)

Time-->





#10

2-Chlorophenol

Concen: 20.12 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

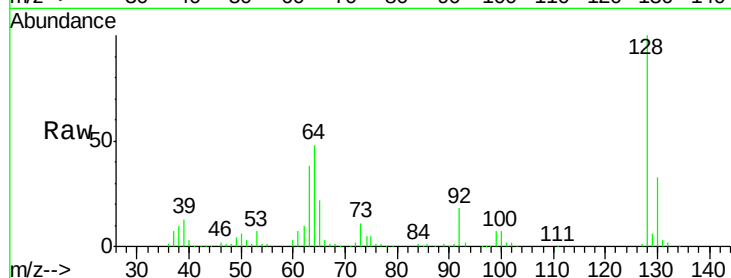
Tot Ion:128 Resp: 284238

Ion Ratio Lower Upper

128 100

64 48.3 38.0 57.0

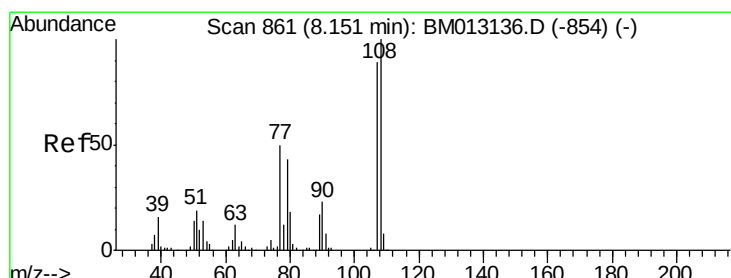
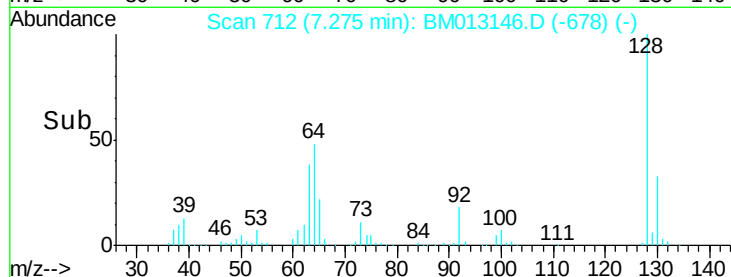
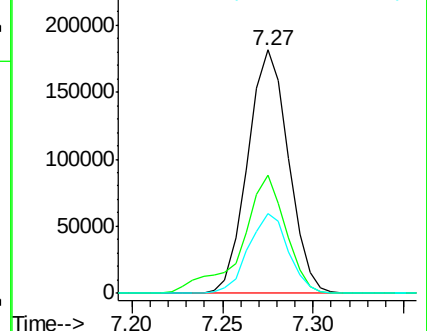
130 32.8 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.86 ng/ul

RT: 8.15 min Scan# 861

Delta R.T. -0.00 min

Lab File: BM013146.D

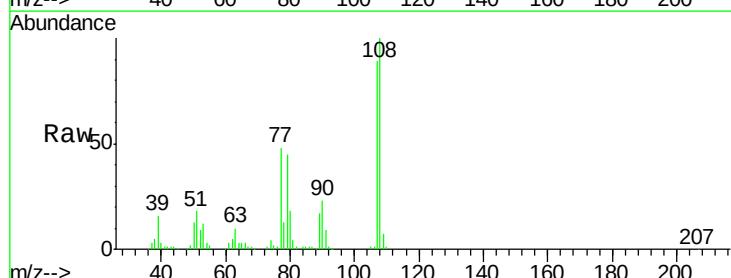
Acq: 28 Nov 2017 20:55

Tgt Ion:108 Resp: 279053

Ion Ratio Lower Upper

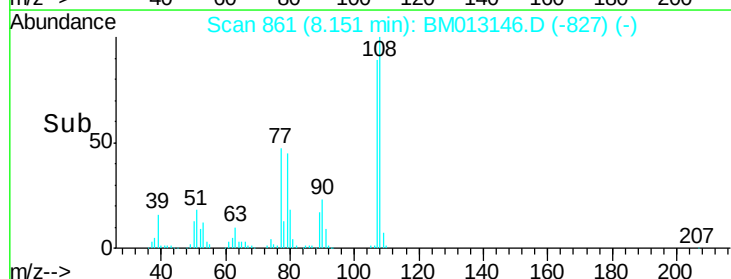
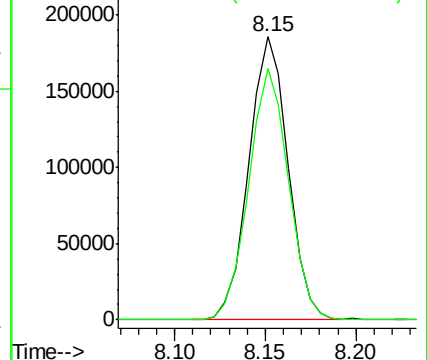
108 100

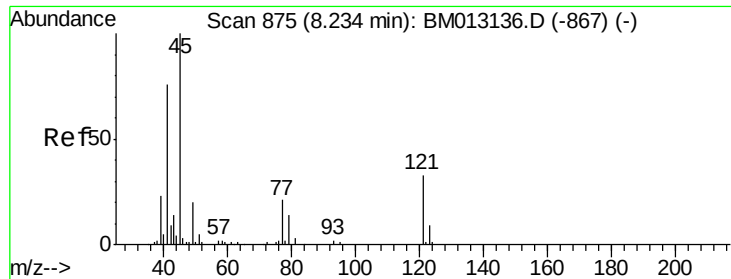
107 88.6 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

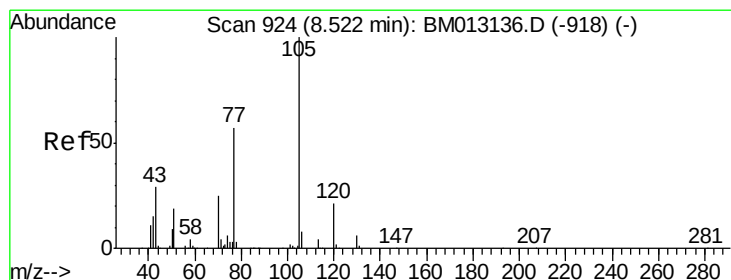
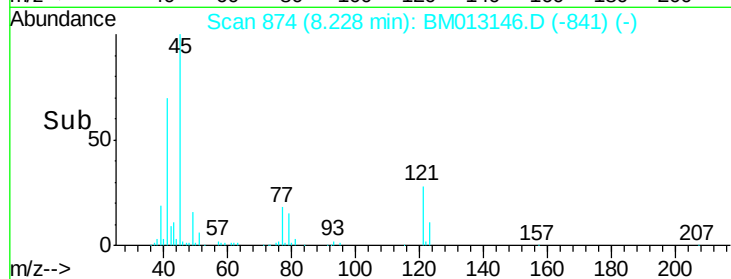
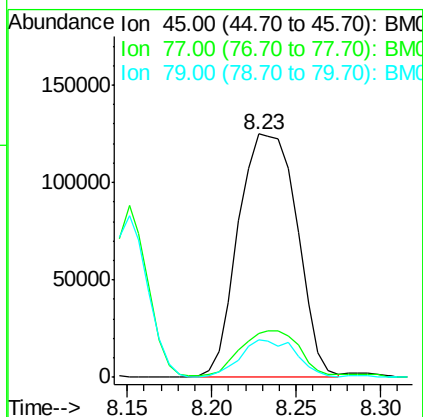
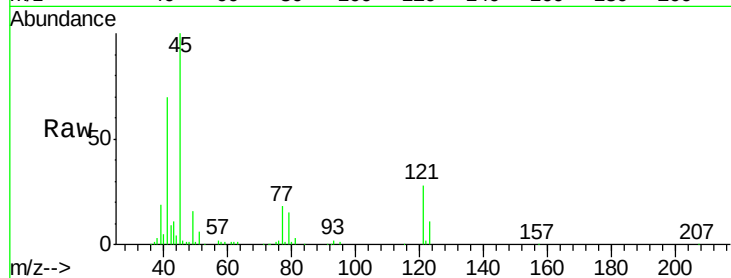




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.97 ng/ul  
RT: 8.23 min Scan# 874  
Delta R.T. -0.01 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

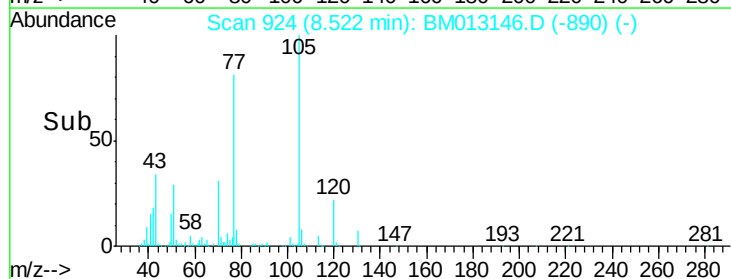
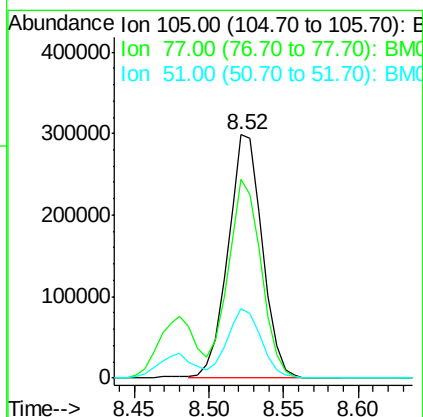
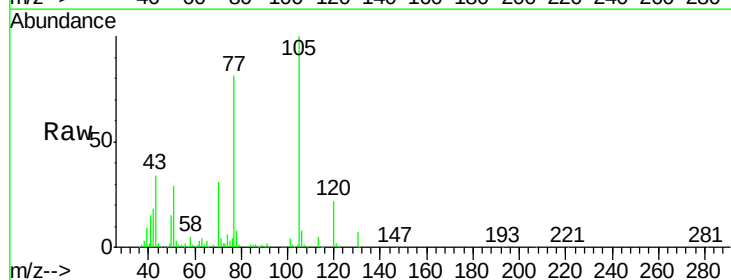
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.0  | 8.0   | 12.0# |
| 79      | 15.2  | 8.0   | 12.0# |

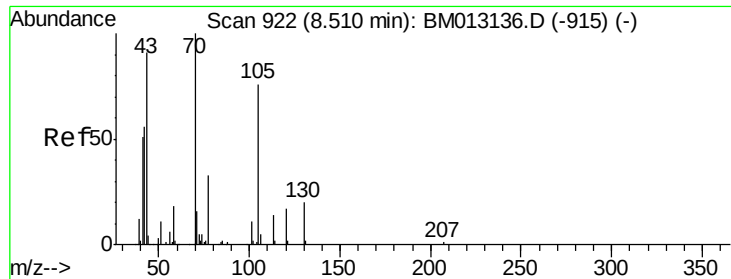


#14  
Acetophenone  
Concen: 21.33 ng/ul  
RT: 8.52 min Scan# 924  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 81.5  | 74.2  | 111.4 |
| 51      | 28.7  | 23.4  | 35.2  |



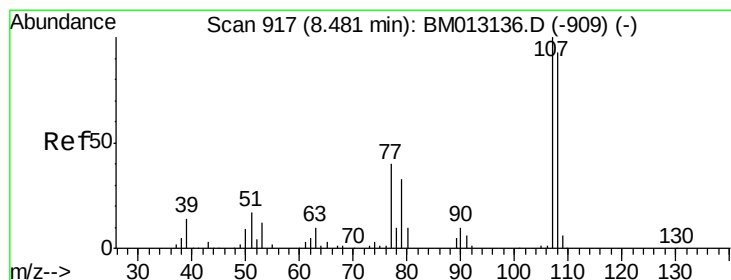
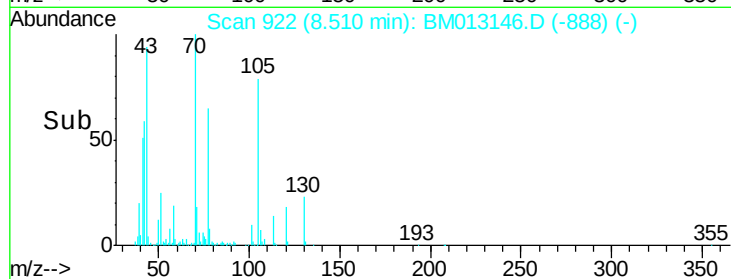
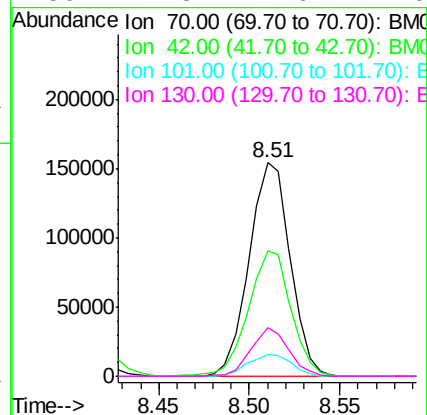
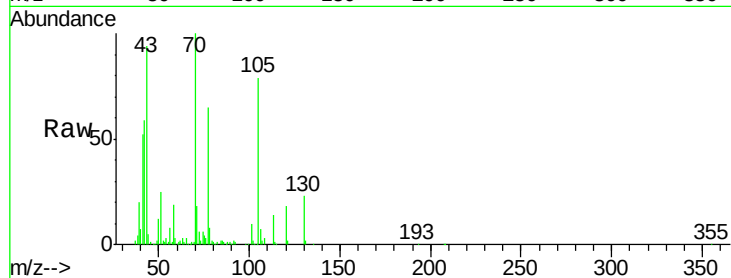




#15  
N-Nitroso-di-n-propylamine  
Concen: 21.13 ng/ul  
RT: 8.51 min Scan# 922  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

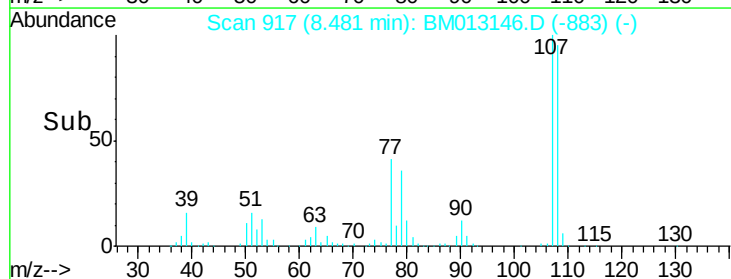
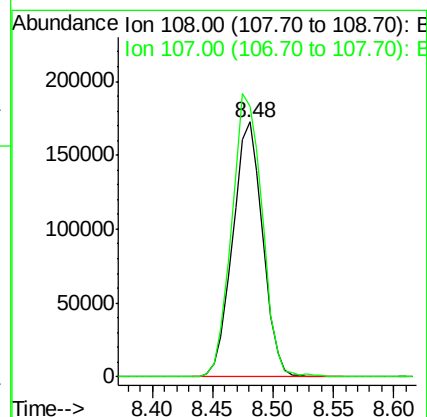
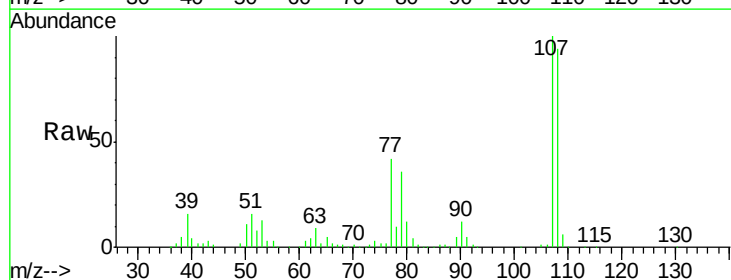
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

Tot Ion: 70 Resp: 242919  
Ion Ratio Lower Upper  
70 100  
42 58.8 76.0 114.0#  
101 10.1 6.7 10.1  
130 22.8 14.6 22.0#

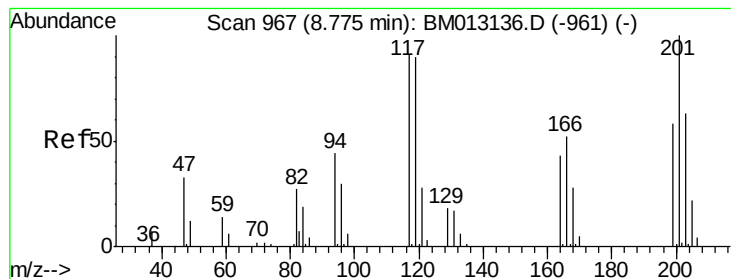


#16  
4-Methylphenol  
Concen: 20.97 ng/ul  
RT: 8.48 min Scan# 917  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

Tgt Ion: 108 Resp: 297950  
Ion Ratio Lower Upper  
108 100  
107 106.0 84.9 127.3







#17

Hexachloroethane

Concen: 20.78 ng/ul

RT: 8.77 min Scan# 967

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

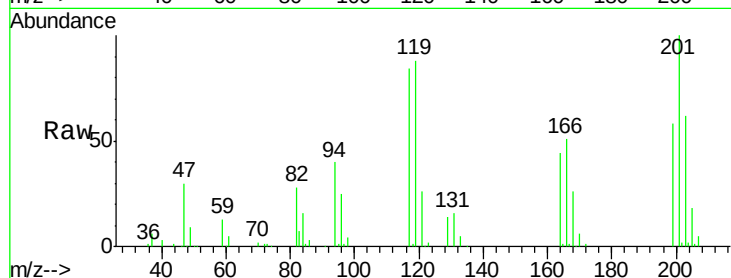
Tot Ion:117 Resp: 124287

Ion Ratio Lower Upper

117 100

201 119.4 111.6 167.4

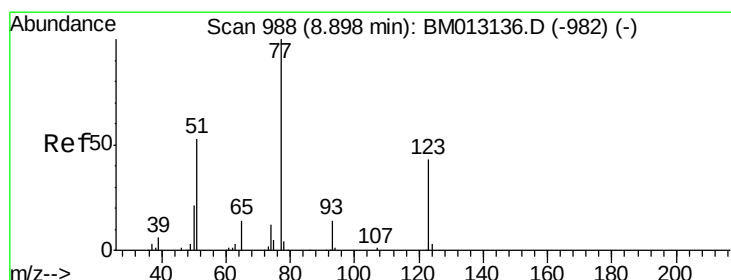
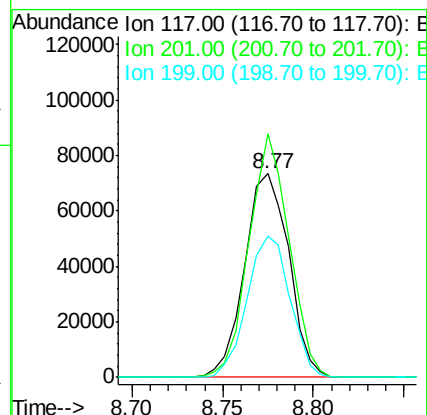
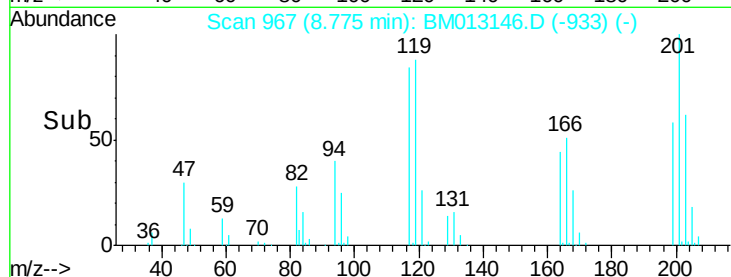
199 69.3 67.8 101.6



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: 22.27 ng/ul

RT: 8.90 min Scan# 988

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

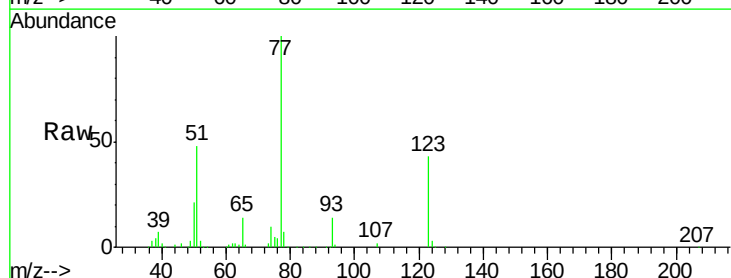
Tgt Ion: 77 Resp: 360772

Ion Ratio Lower Upper

77 100

123 42.8 31.0 46.6

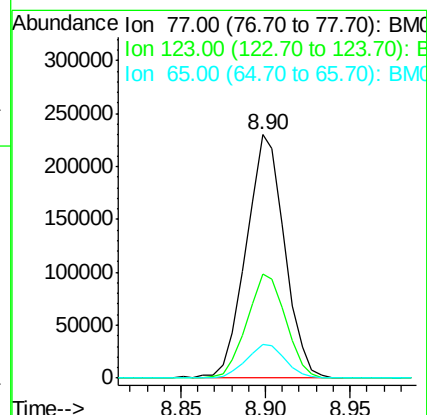
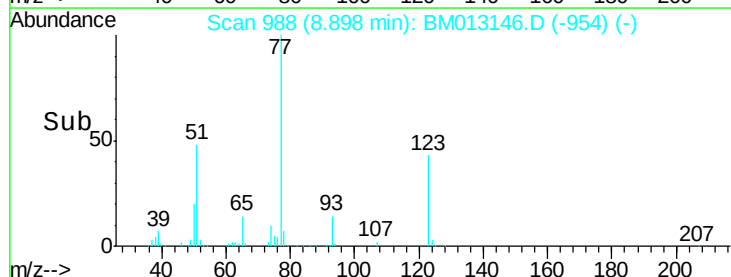
65 14.0 12.2 18.2

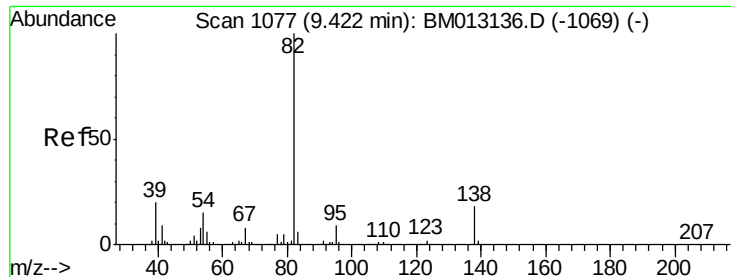


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.37 ng/ul

RT: 9.42 min Scan# 1077

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

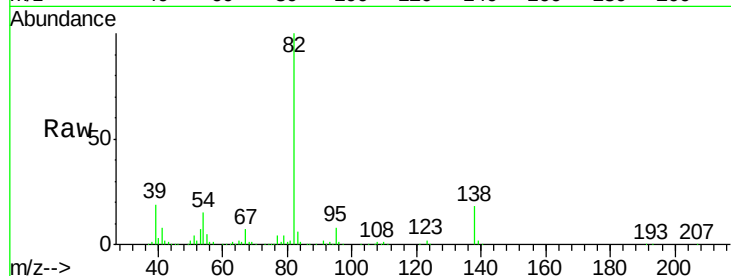
Tot Ion: 82 Resp: 676126

Ion Ratio Lower Upper

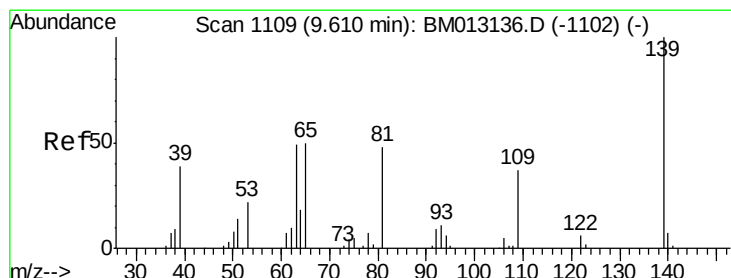
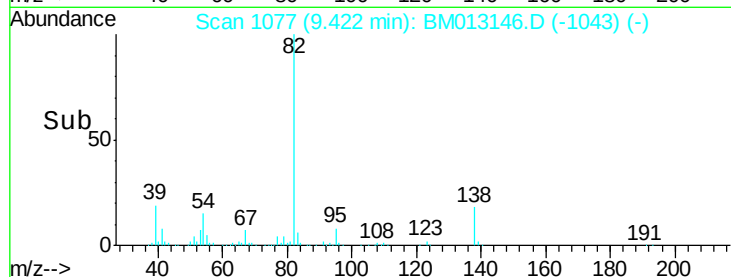
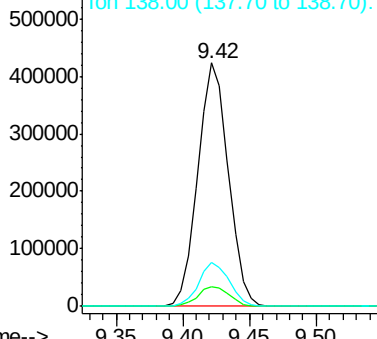
82 100

95 8.1 7.8 11.8

138 17.9 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013136.D (-1069) (-)



#23

2-Nitrophenol

Concen: 24.71 ng/ul

RT: 9.60 min Scan# 1108

Delta R.T. -0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

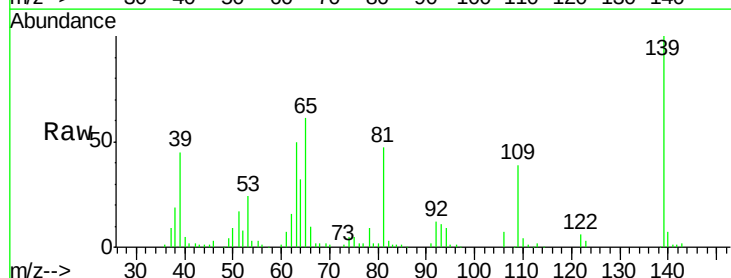
Tgt Ion: 139 Resp: 165823

Ion Ratio Lower Upper

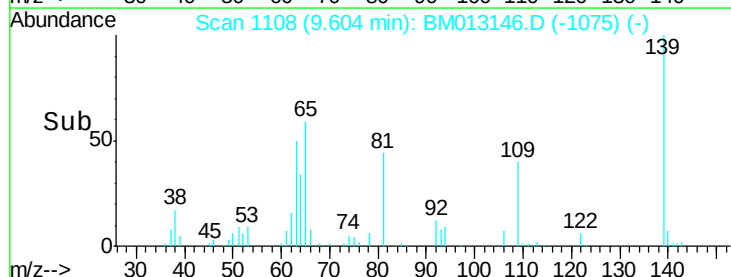
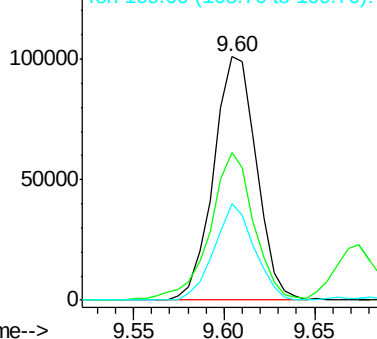
139 100

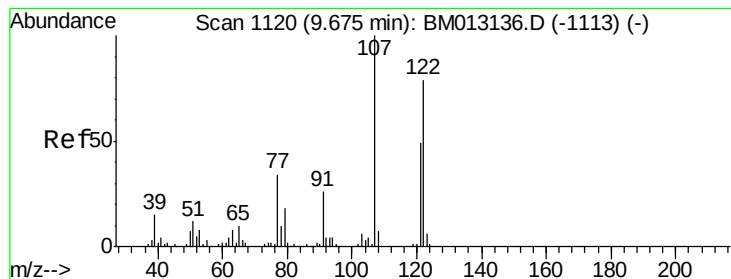
65 60.8 55.4 83.0

109 39.5 42.2 63.2#



Abundance Ion 139.00 (138.70 to 139.70): BM013136.D (-1102) (-)





#24

2,4-Dimethylphenol

Concen: 20.68 ng/ul

RT: 9.67 min Scan# 1120

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

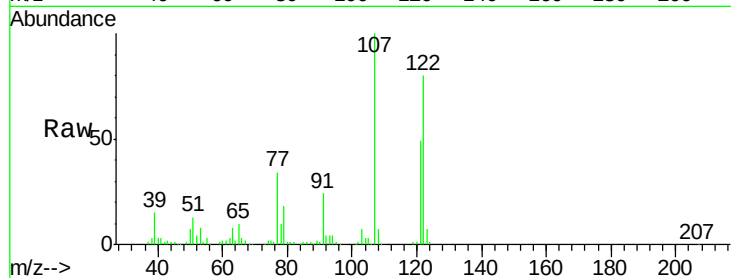
Tot Ion:107 Resp: 365133

Ion Ratio Lower Upper

107 100

121 48.7 31.9 47.9#

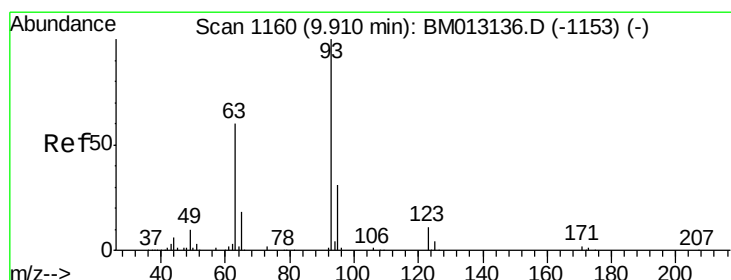
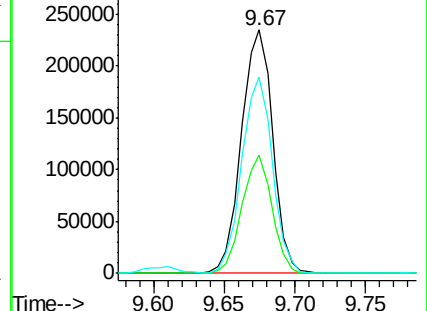
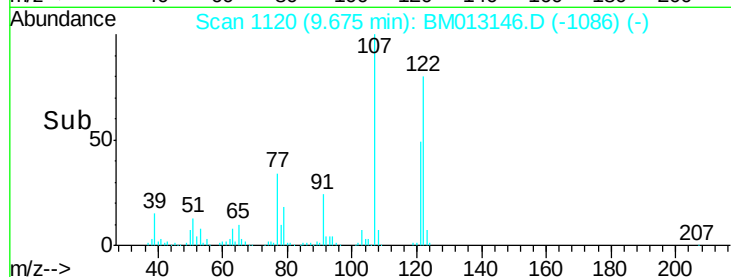
122 80.4 57.8 86.6



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: 20.52 ng/ul

RT: 9.91 min Scan# 1160

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

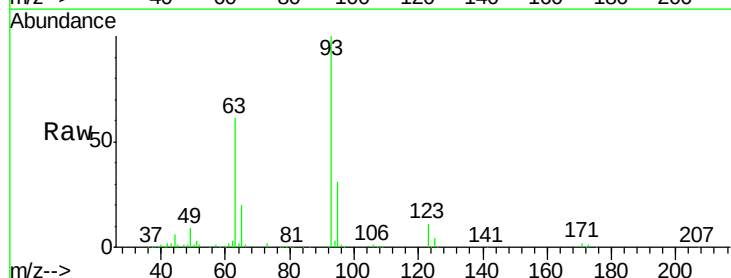
Tgt Ion: 93 Resp: 390786

Ion Ratio Lower Upper

93 100

95 31.2 28.5 42.7

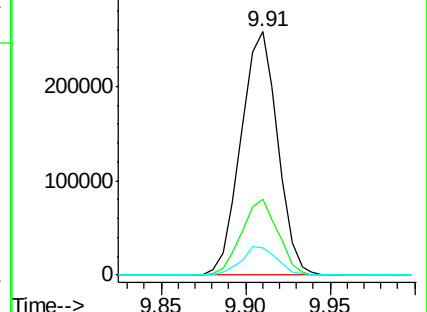
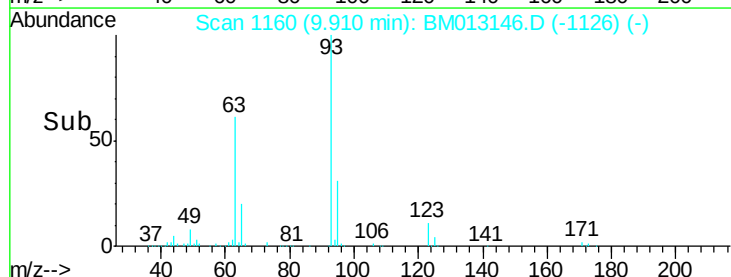
123 11.0 8.9 13.3

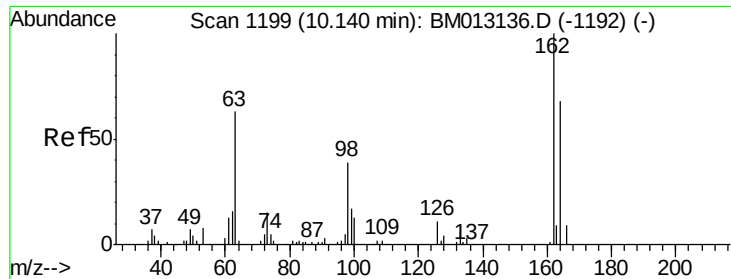


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

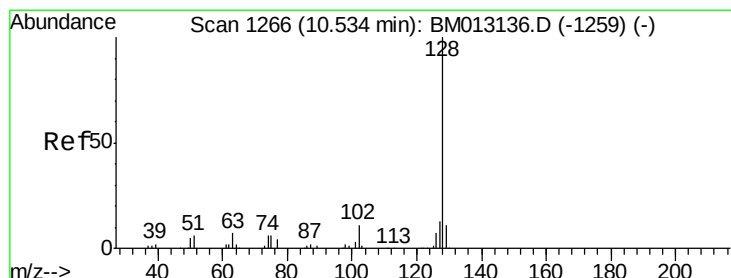
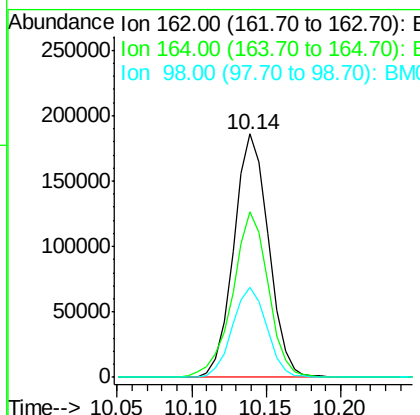
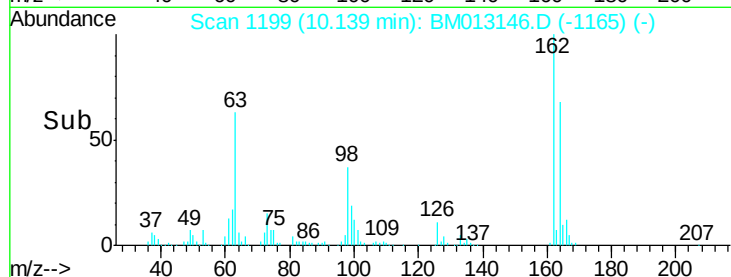
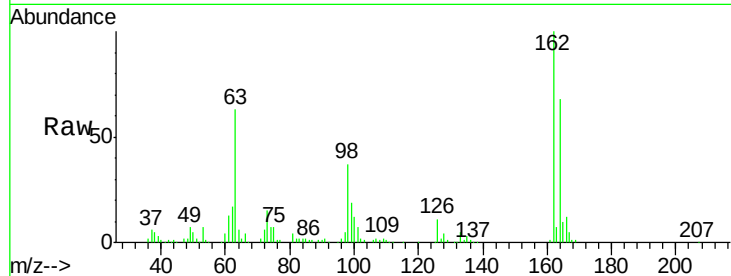




#27  
 2,4-Dichlorophenol  
 Concen: 20.77 ng/ul  
 RT: 10.14 min Scan# 1199  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

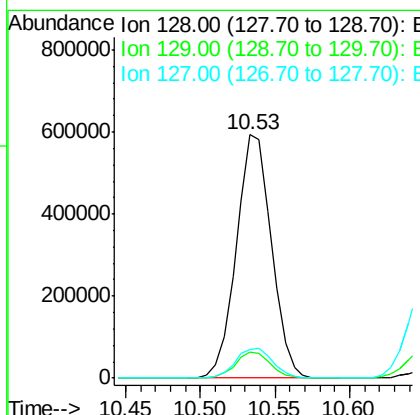
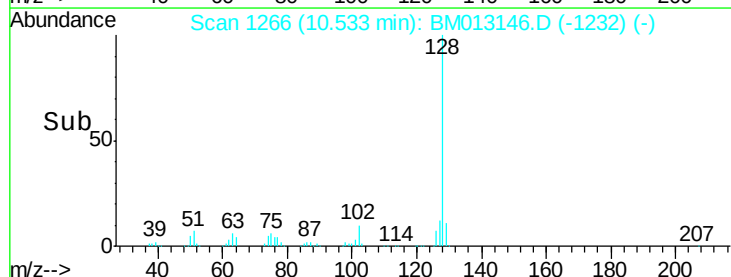
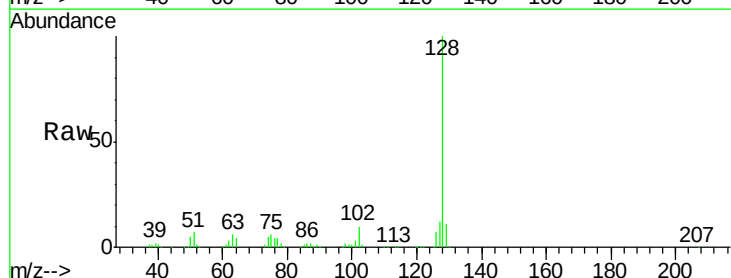
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

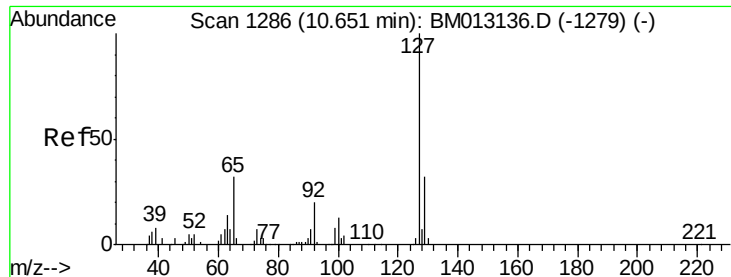
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 68.0  | 47.8  | 71.6  |
| 98      | 36.8  | 23.0  | 34.4  |



#28  
 Naphthalene  
 Concen: 20.63 ng/ul  
 RT: 10.53 min Scan# 1266  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 10.7  | 8.8   | 13.2  |
| 127     | 11.7  | 10.6  | 16.0  |

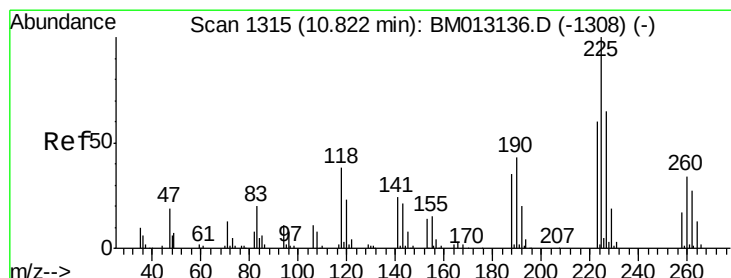
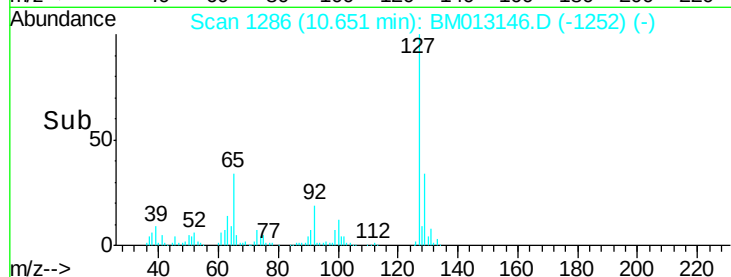
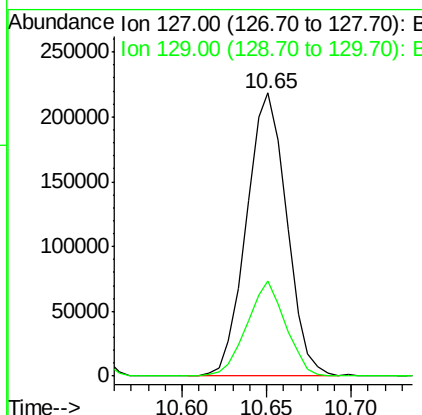
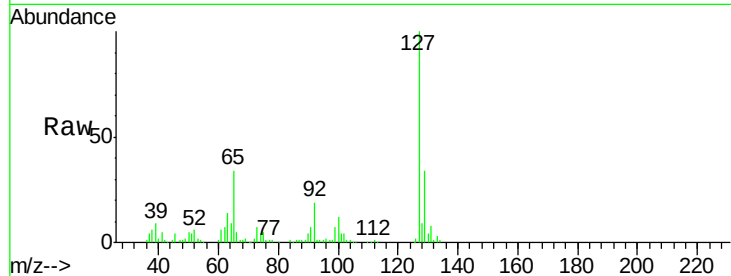




#30  
4-Chloroaniline  
Concen: 23.14 ng/ul  
RT: 10.65 min Scan# 1286  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

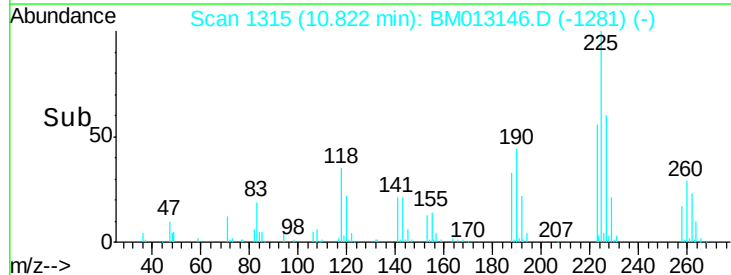
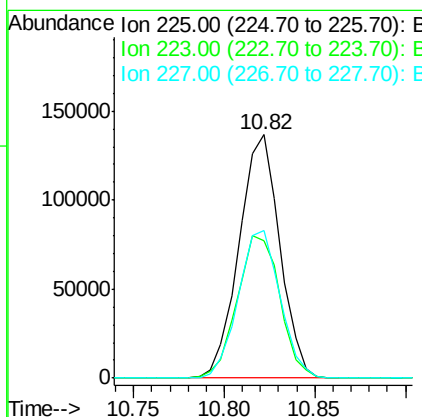
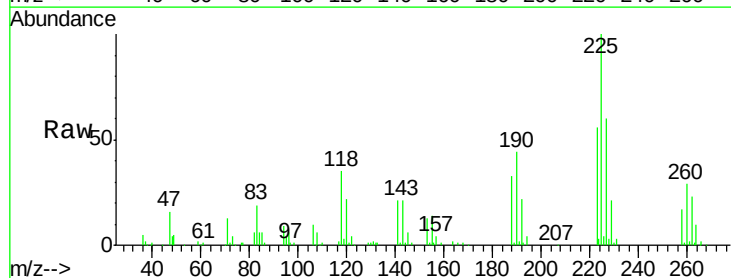
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

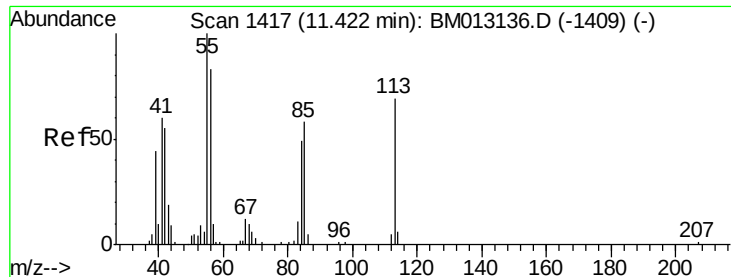
Tot Ion:127 Resp: 363091  
Ion Ratio Lower Upper  
127 100  
129 33.7 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 20.44 ng/ul  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

Tgt Ion:225 Resp: 214056  
Ion Ratio Lower Upper  
225 100  
223 56.2 49.4 74.2  
227 60.4 45.4 68.2





#32

Caprolactam

Concen: 17.06 ng/ul

RT: 11.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

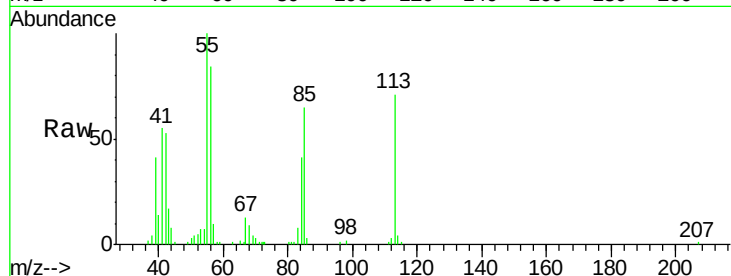
Tot Ion:113 Resp: 77913

Ion Ratio Lower Upper

113 100

55 141.5 208.0 312.0#

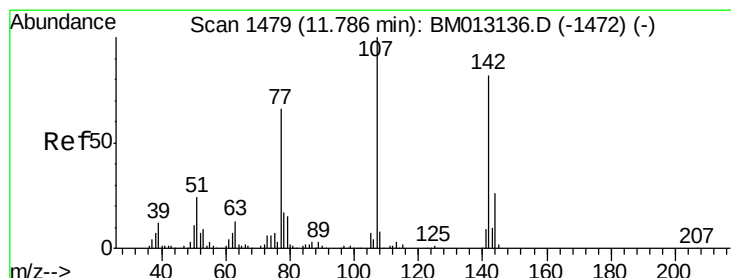
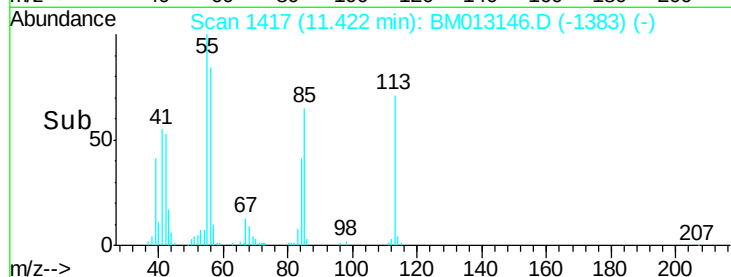
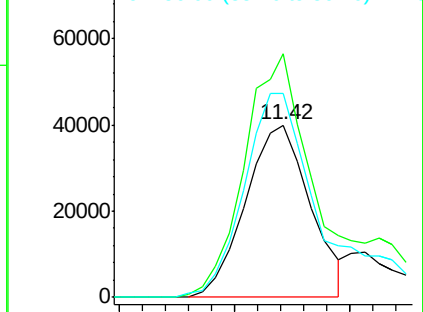
56 118.7 160.0 240.0#



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: 21.58 ng/ul

RT: 11.79 min Scan# 1479

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

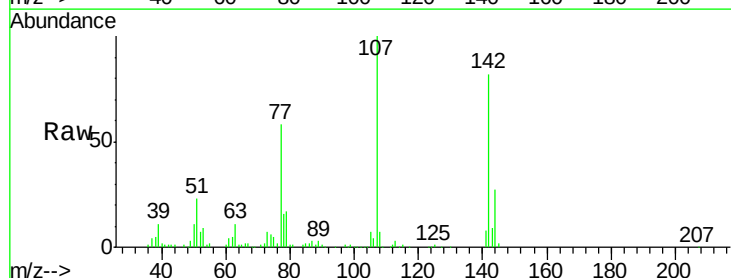
Tgt Ion:107 Resp: 334368

Ion Ratio Lower Upper

107 100

144 27.1 20.4 30.6

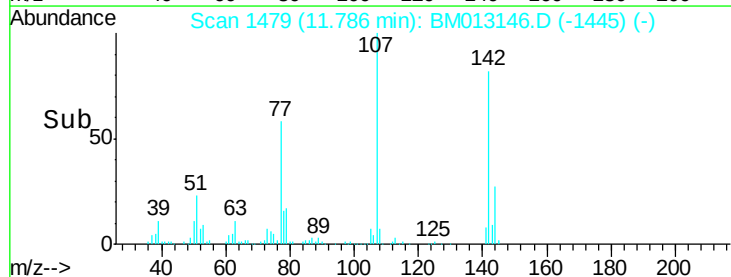
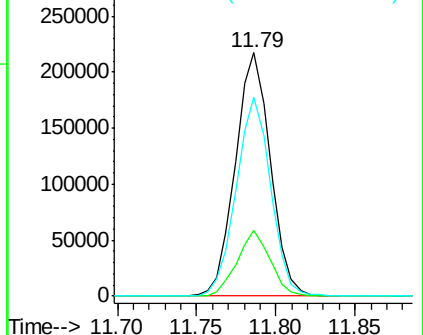
142 81.6 60.5 90.7

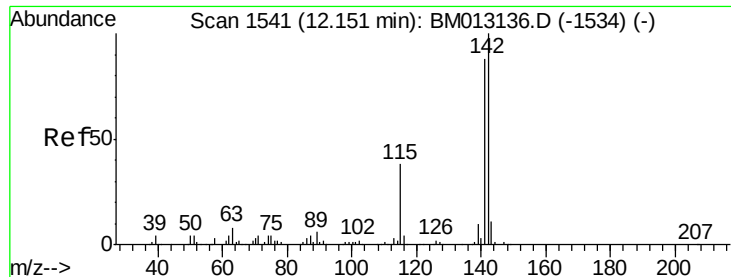


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.83 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

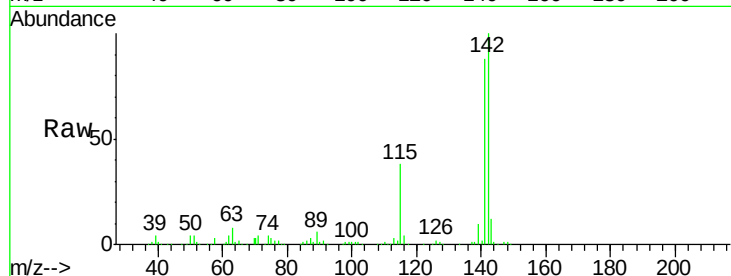
SSTD02002

Tot Ion:142 Resp: 714410

Ion Ratio Lower Upper

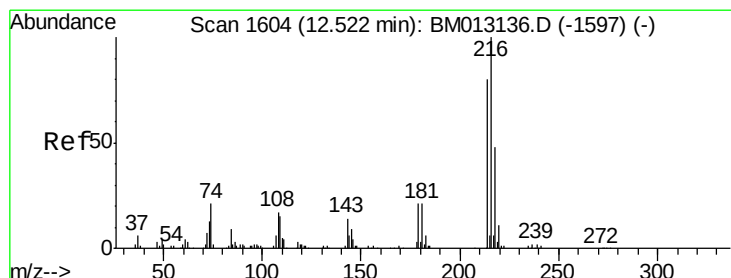
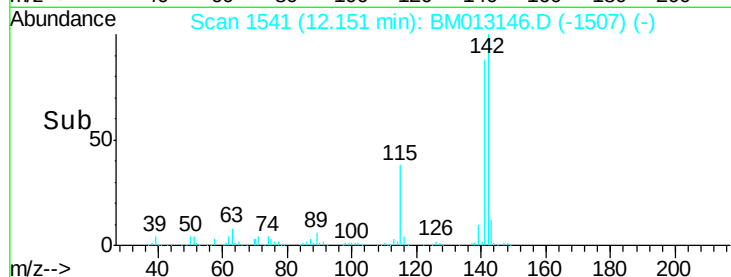
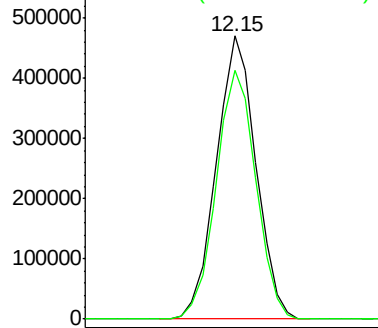
142 100

141 88.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.10 ng/ul

RT: 12.52 min Scan# 1604

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Tgt Ion:216 Resp: 419457

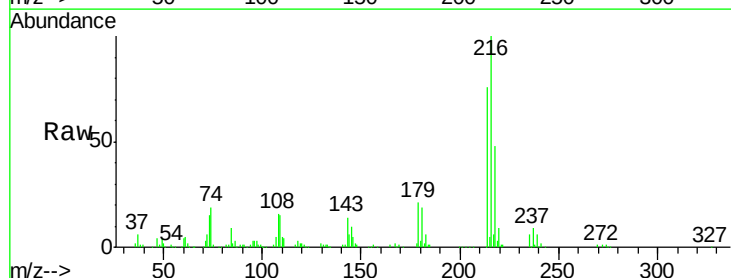
Ion Ratio Lower Upper

216 100

214 76.4 60.6 90.8

179 20.7 17.5 26.3

108 16.4 11.3 16.9

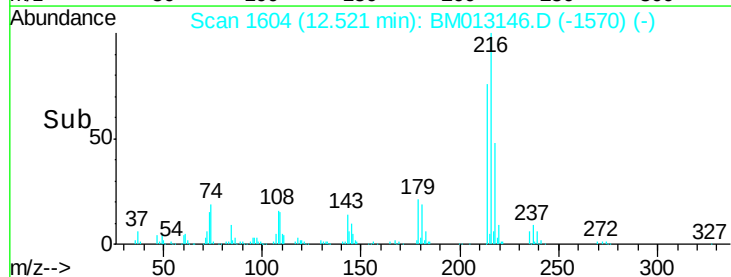
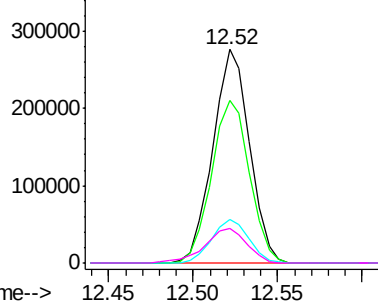


Abundance Ion 216.00 (215.70 to 216.70): E

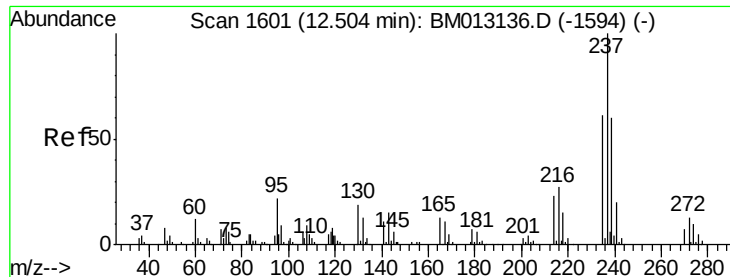
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#37

Hexachlorocyclopentadiene

Concen: 16.65 ng/ul

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampled :

SSTD02002

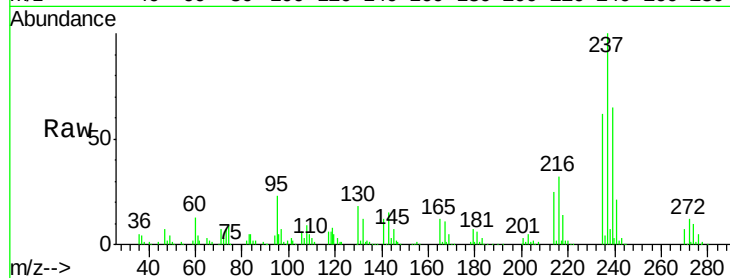
Tot Ion:237 Resp: 256998

Ion Ratio Lower Upper

237 100

235 61.5 50.2 75.4

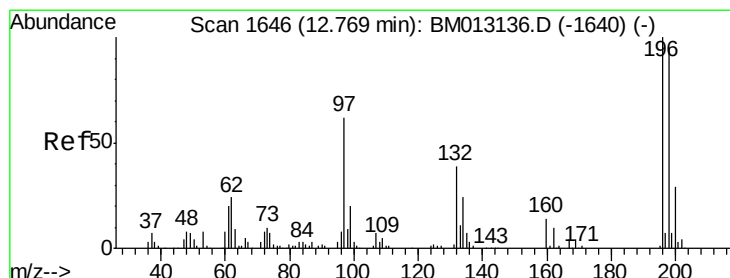
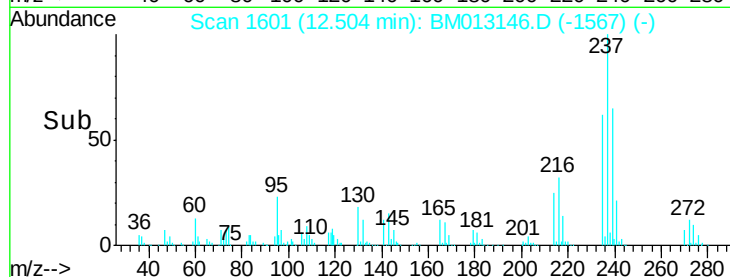
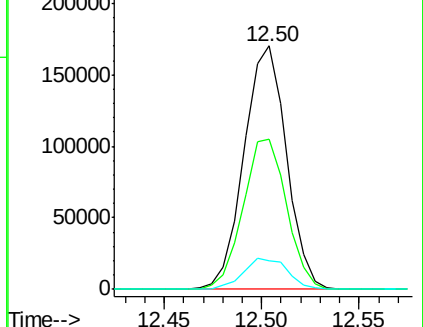
272 11.8 11.0 16.6



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: 21.65 ng/ul

RT: 12.77 min Scan# 1646

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

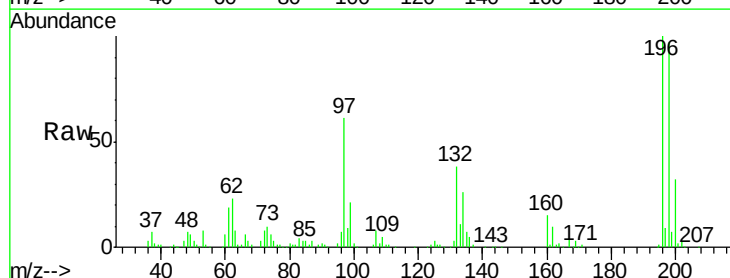
Tgt Ion:196 Resp: 272245

Ion Ratio Lower Upper

196 100

198 96.8 74.1 111.1

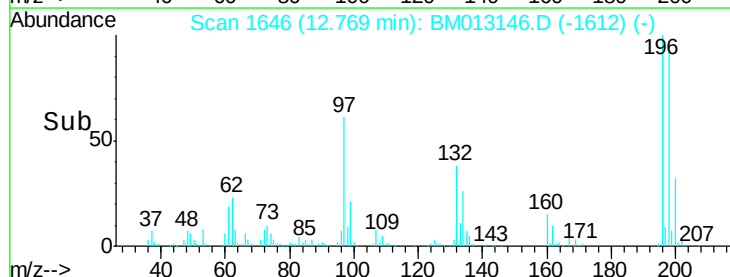
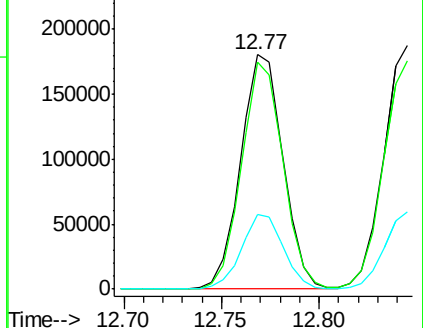
200 31.6 25.2 37.8

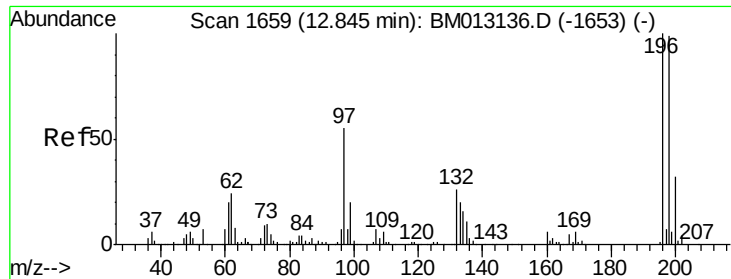


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

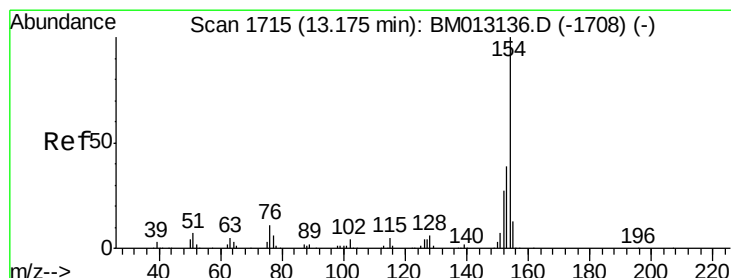
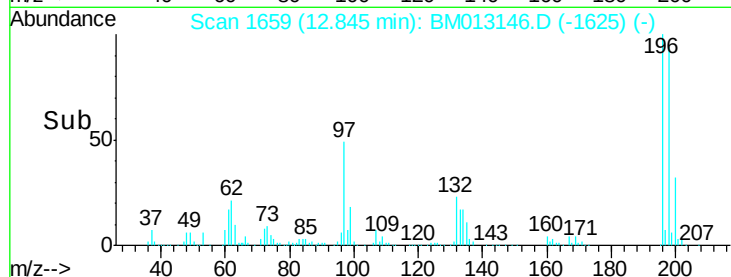
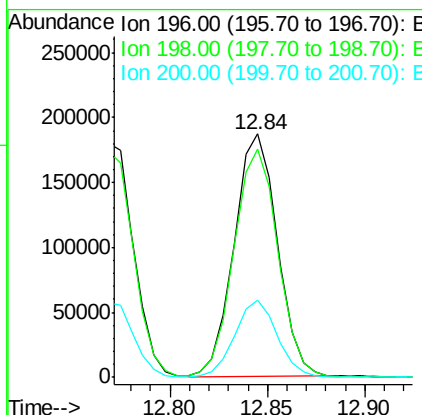
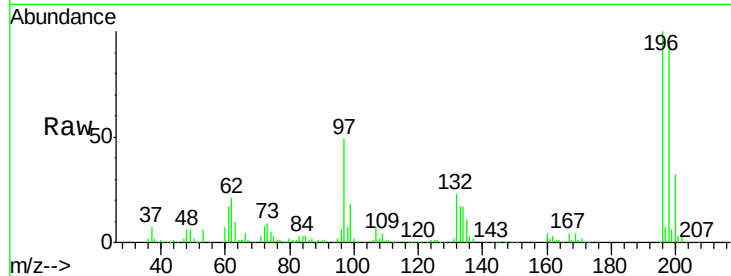




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.71 ng/ul  
 RT: 12.84 min Scan# 1659  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

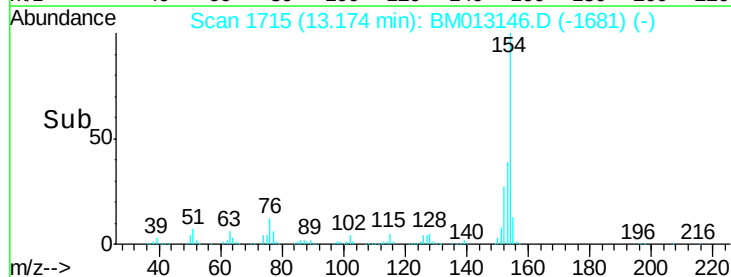
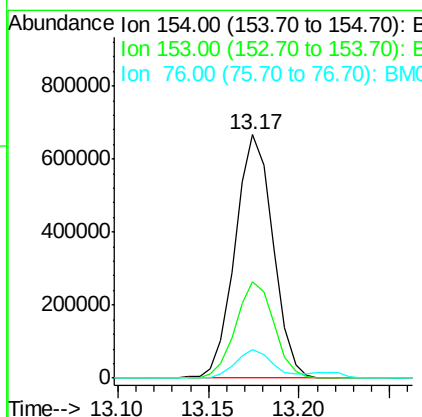
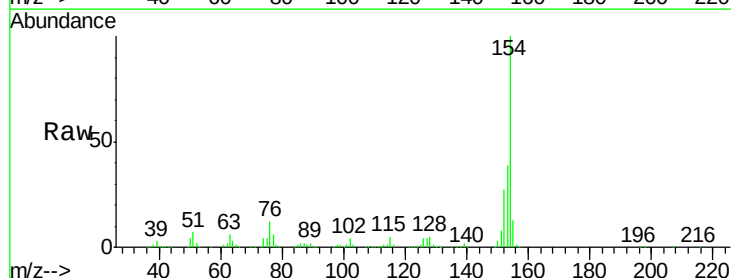
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

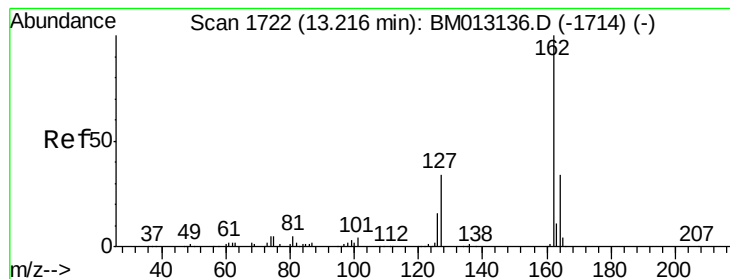
Tot Ion:196 Resp: 285392  
 Ion Ratio Lower Upper  
 196 100  
 198 93.6 75.6 113.4  
 200 31.6 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 20.03 ng/ul  
 RT: 13.17 min Scan# 1715  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

Tgt Ion:154 Resp: 967856  
 Ion Ratio Lower Upper  
 154 100  
 153 39.5 32.6 48.8  
 76 12.0 8.5 12.7

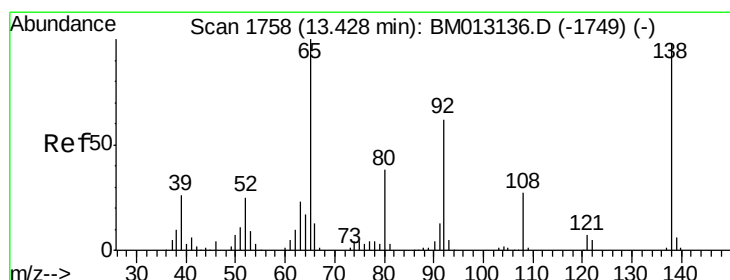
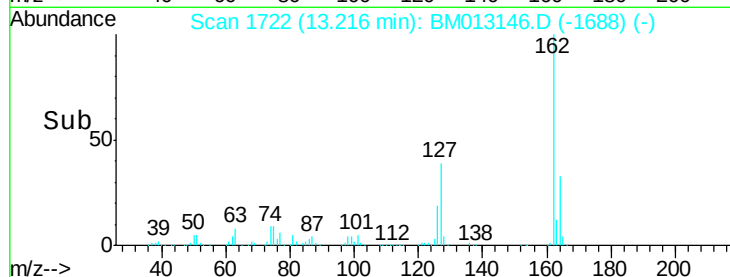
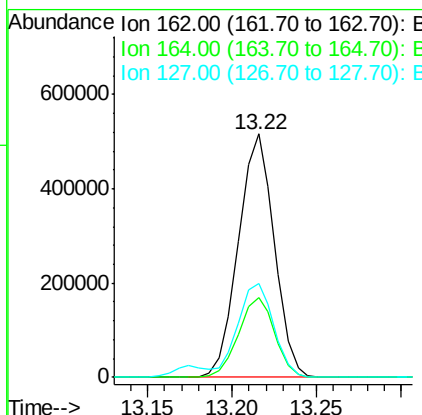
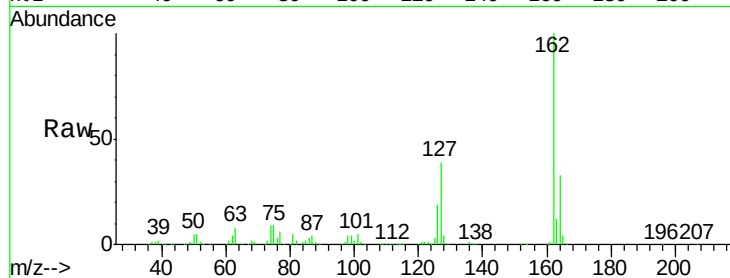




#41  
2-Chloronaphthalene  
Concen: 19.96 ng/ul  
RT: 13.22 min Scan# 1722  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

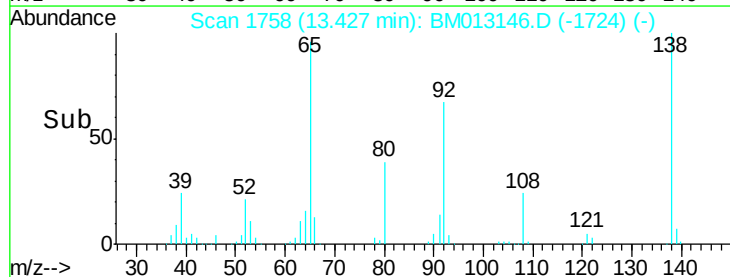
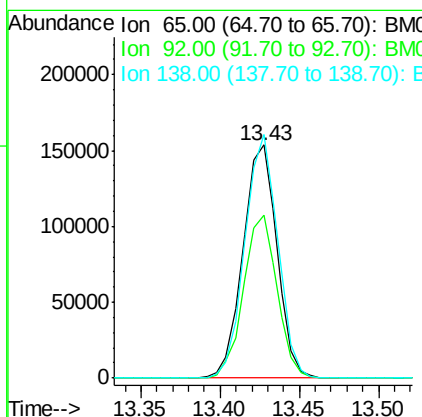
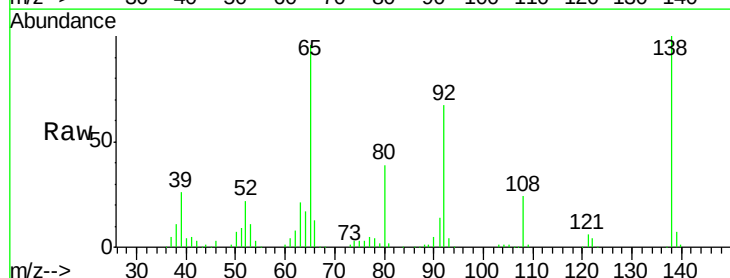
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

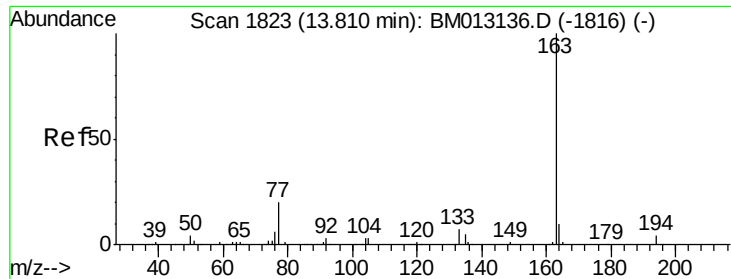
Tot Ion:162 Resp: 764566  
Ion Ratio Lower Upper  
162 100  
164 32.7 25.9 38.9  
127 38.6 29.4 44.2



#42  
2-Nitroaniline  
Concen: 28.18 ng/ul  
RT: 13.43 min Scan# 1758  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

Tgt Ion: 65 Resp: 229227  
Ion Ratio Lower Upper  
65 100  
92 70.1 51.8 77.6  
138 104.4 74.2 111.4





#44

Dimethylphthalate

Concen: 20.55 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

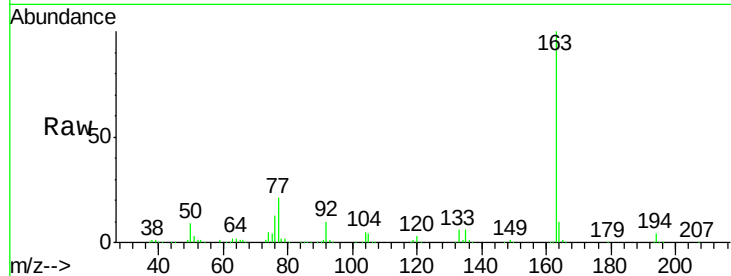
Tot Ion:163 Resp: 988685

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

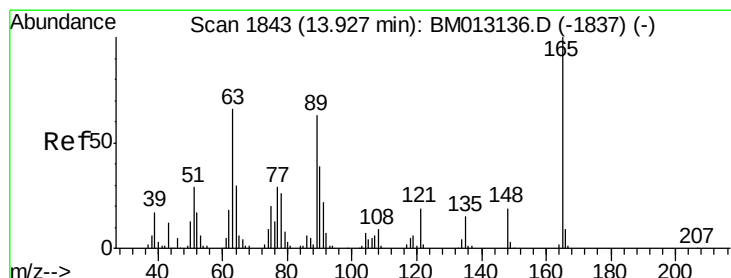
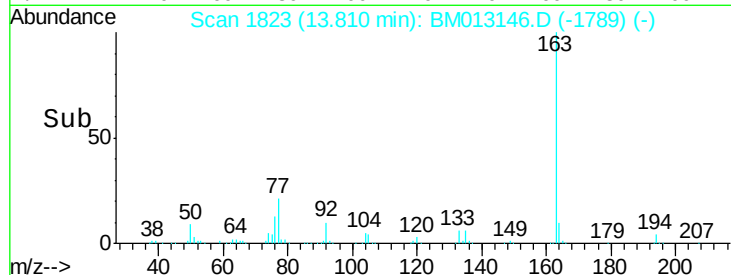
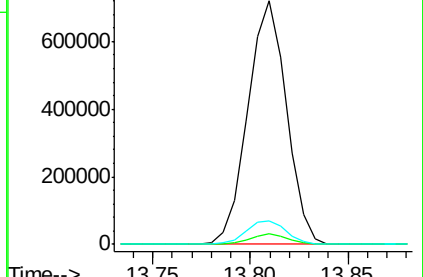
164 9.7 8.2 12.4



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: 28.67 ng/ul

RT: 13.93 min Scan# 1843

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

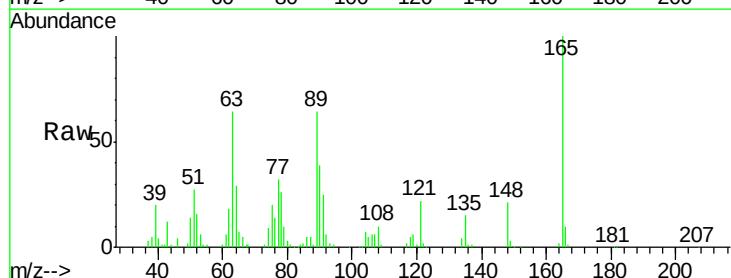
Tgt Ion:165 Resp: 210487

Ion Ratio Lower Upper

165 100

89 64.1 52.6 79.0

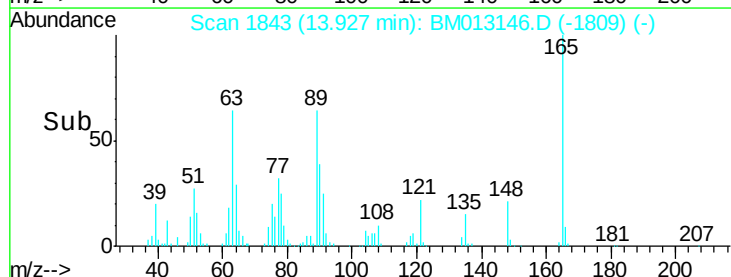
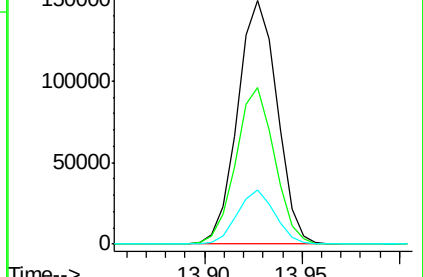
121 22.4 14.6 22.0#

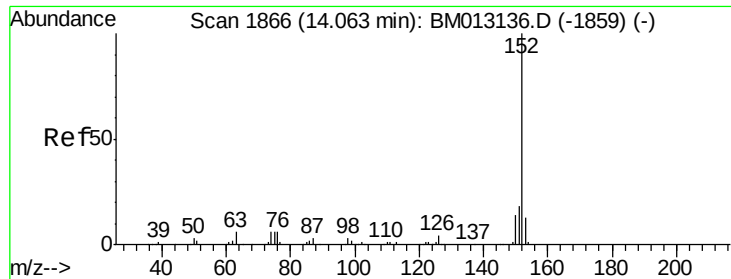


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 19.94 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

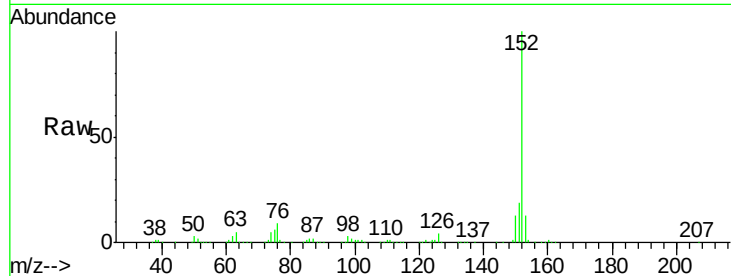
Tot Ion:152 Resp: 1177618

Ion Ratio Lower Upper

152 100

151 19.1 16.3 24.5

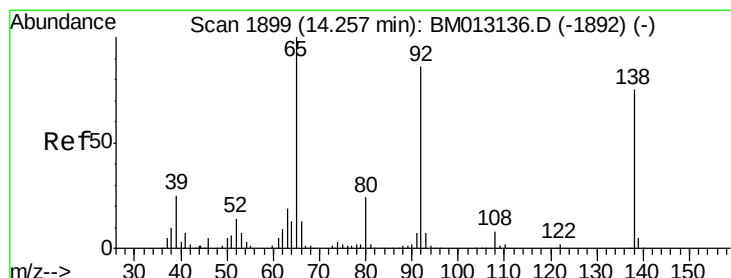
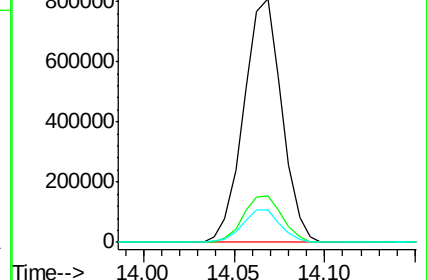
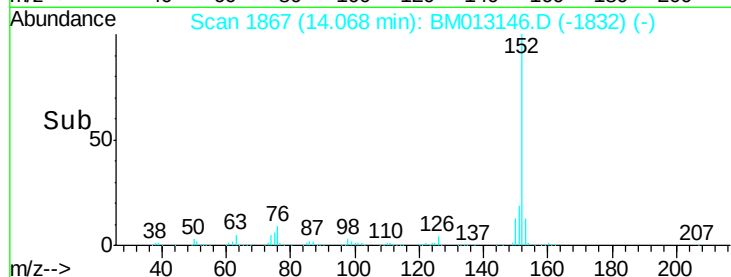
153 13.2 10.2 15.4



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: 28.06 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

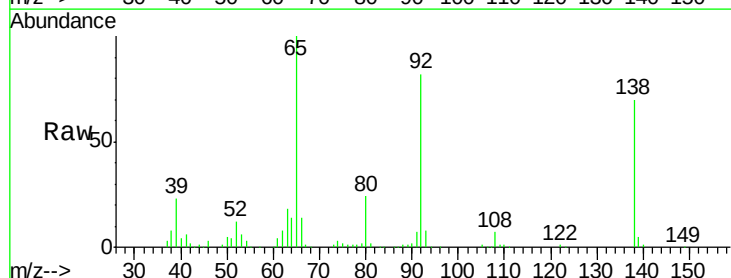
Tgt Ion:138 Resp: 192928

Ion Ratio Lower Upper

138 100

108 10.5 9.9 14.9

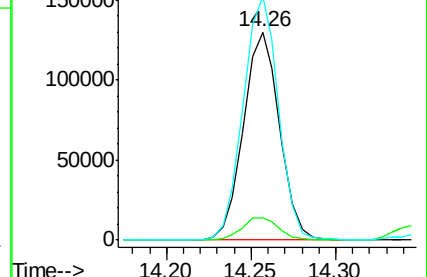
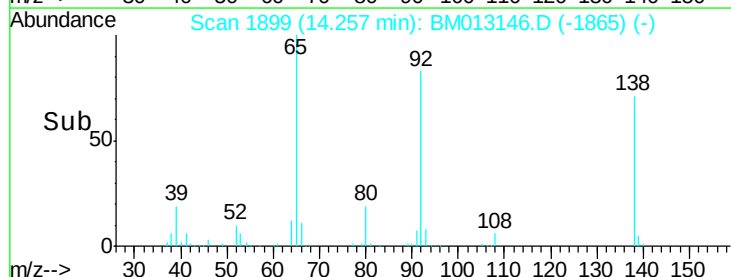
92 116.8 105.0 157.4

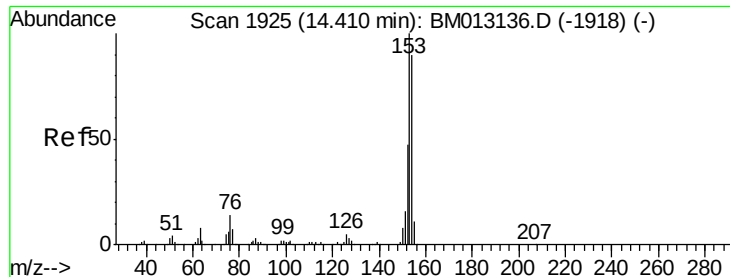


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 20.14 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

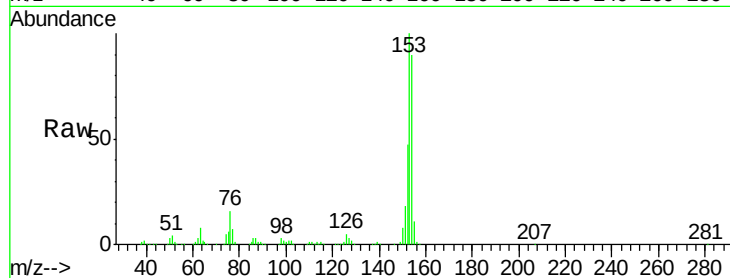
Tot Ion:153 Resp: 799375

Ion Ratio Lower Upper

153 100

152 46.6 37.6 56.4

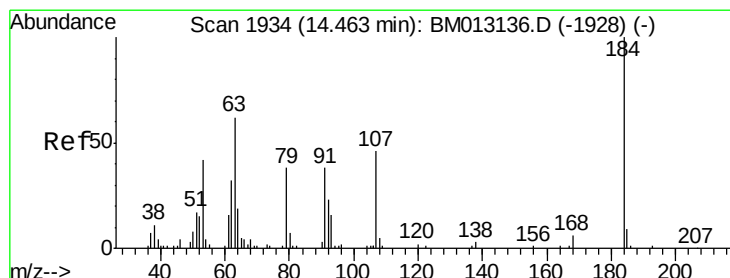
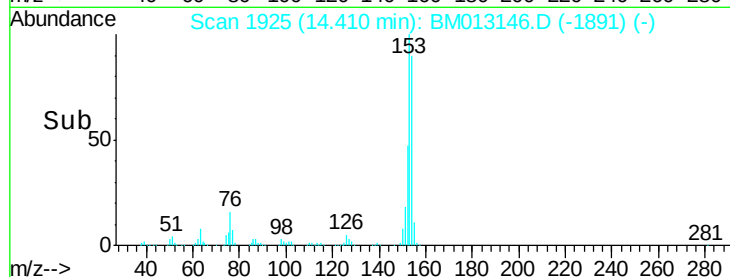
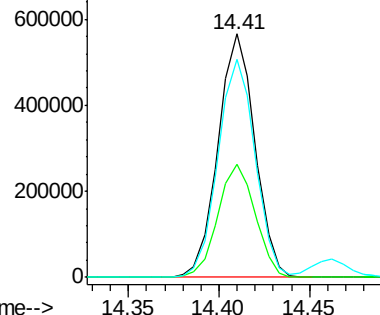
154 89.7 70.4 105.6



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: 26.94 ng/ul

RT: 14.46 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

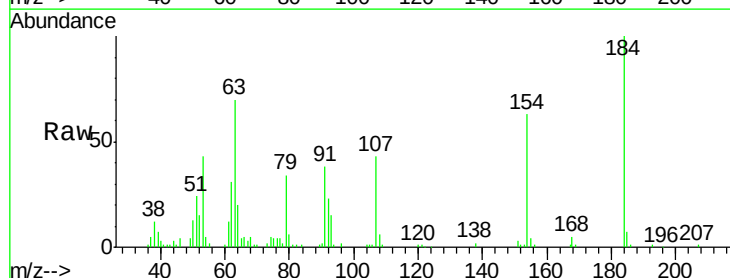
Tgt Ion:184 Resp: 94672

Ion Ratio Lower Upper

184 100

63 69.9 50.1 75.1

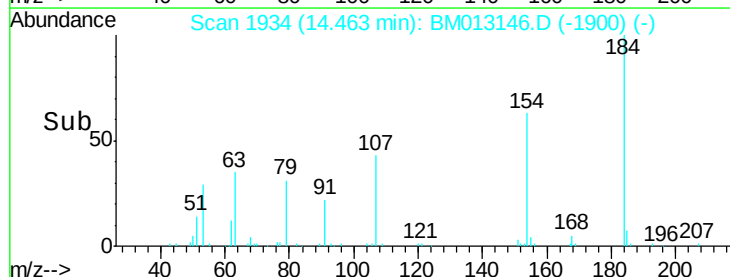
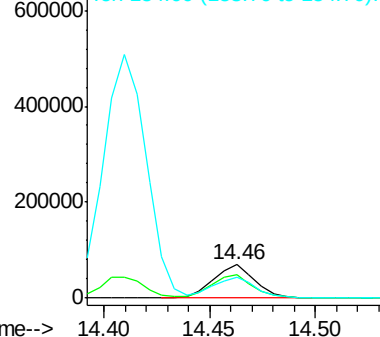
154 62.8 54.5 81.7

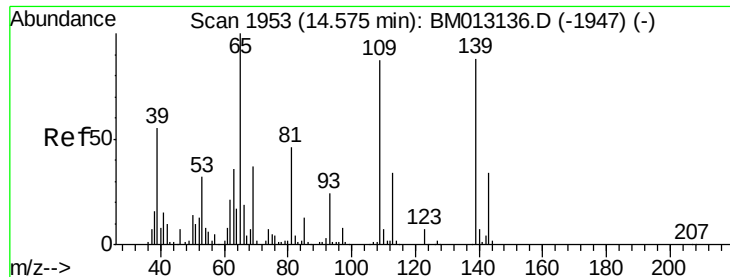


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 24.67 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

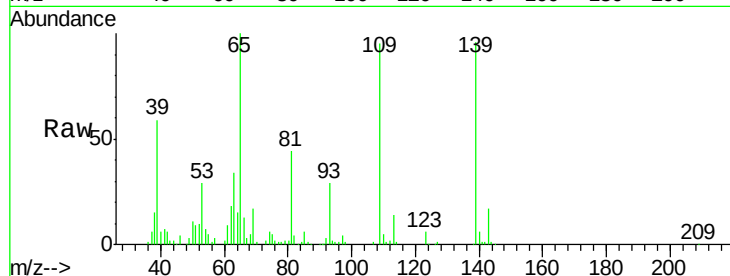
Tot Ion:109 Resp: 170594

Ion Ratio Lower Upper

109 100

139 101.0 80.0 120.0

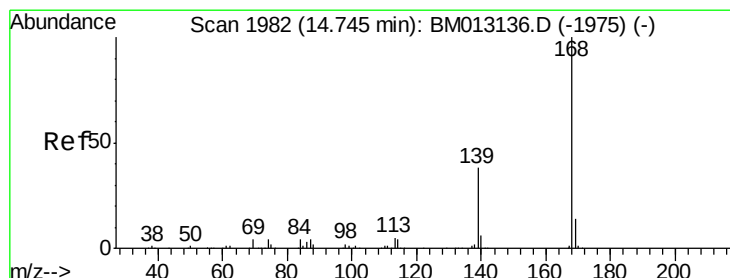
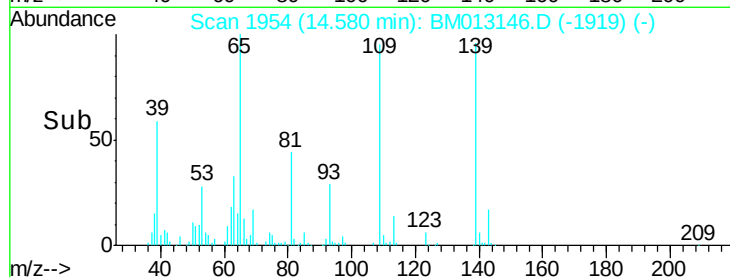
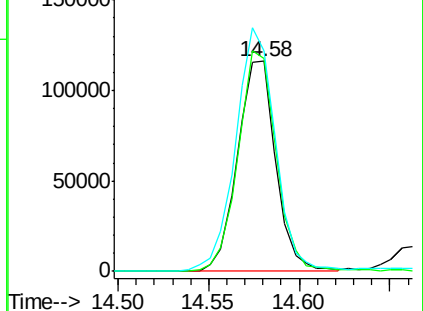
65 104.7 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 20.33 ng/ul

RT: 14.74 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BM013146.D

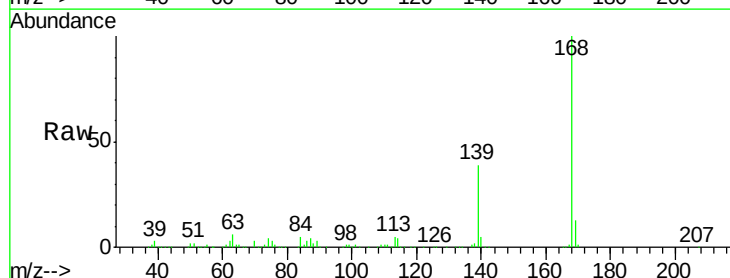
Acq: 28 Nov 2017 20:55

Tgt Ion:168 Resp: 1155977

Ion Ratio Lower Upper

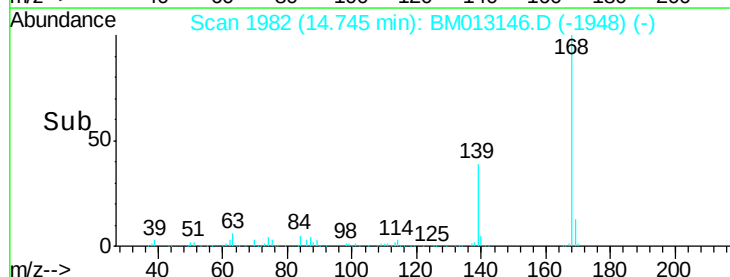
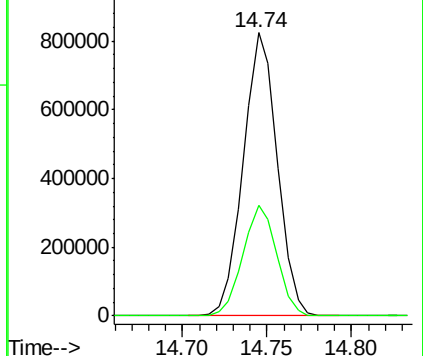
168 100

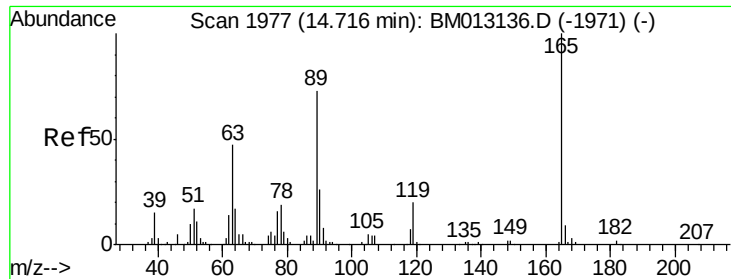
139 39.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

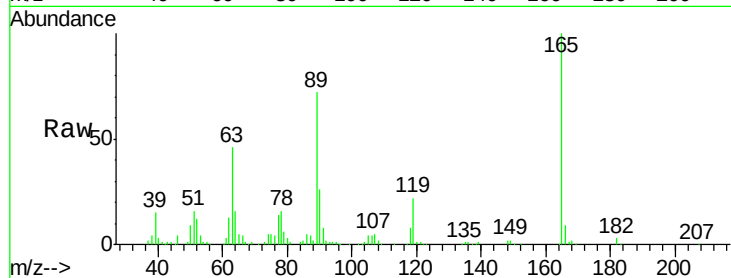




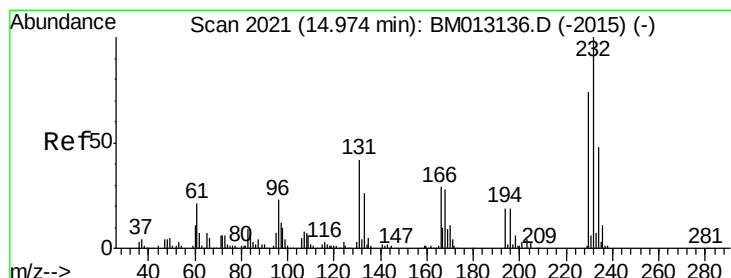
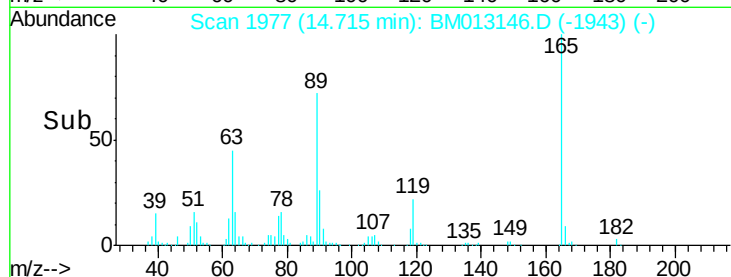
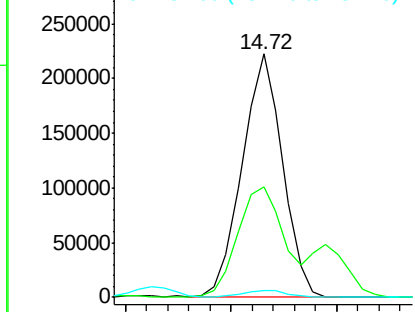
#54  
2,4-Dinitrotoluene  
Concen: 28.79 ng/ul  
RT: 14.72 min Scan# 1977  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

Tot Ion:165 Resp: 295640  
Ion Ratio Lower Upper  
165 100  
63 45.6 45.8 68.8#  
182 2.7 2.6 4.0

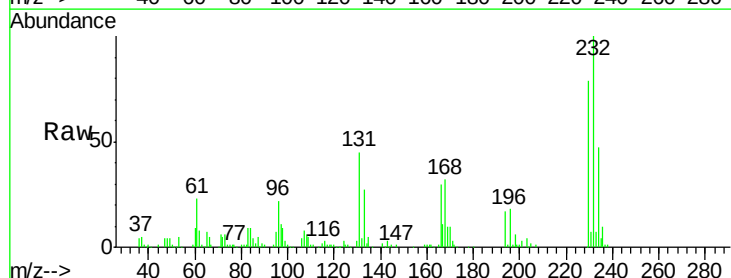


Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 182.00 (181.70 to 182.70): E

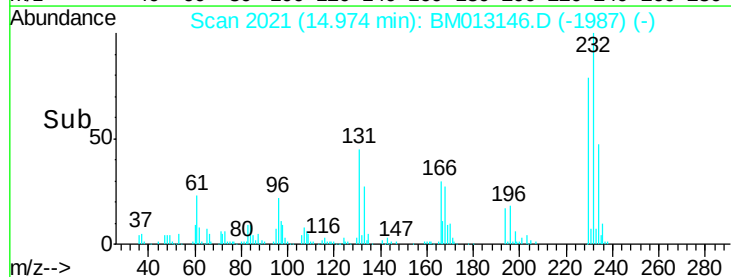
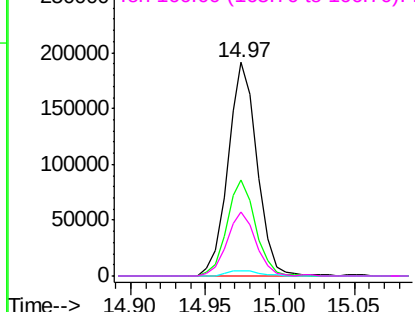


#55  
2,3,4,6-Tetrachlorophenol  
Concen: 23.75 ng/ul  
RT: 14.97 min Scan# 2021  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

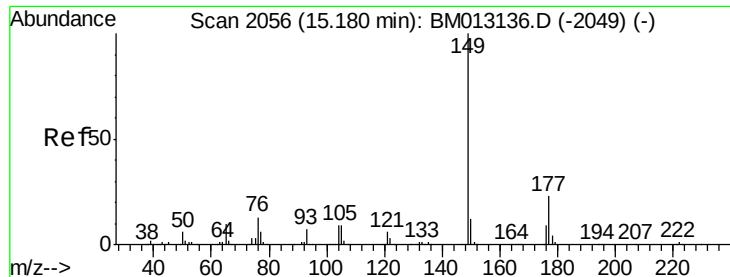
Tgt Ion:232 Resp: 261527  
Ion Ratio Lower Upper  
232 100  
131 44.7 29.0 43.4#  
130 2.7 2.0 3.0  
166 30.2 21.4 32.2



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







#56

Diethylphthalate

Concen: 20.31 ng/ul

RT: 15.18 min Scan# 2056

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

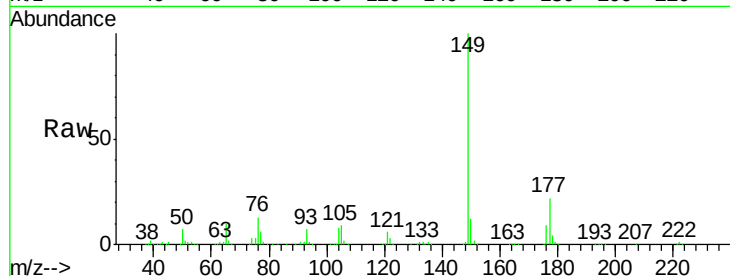
Tot Ion:149 Resp: 987955

Ion Ratio Lower Upper

149 100

177 22.2 20.5 30.7

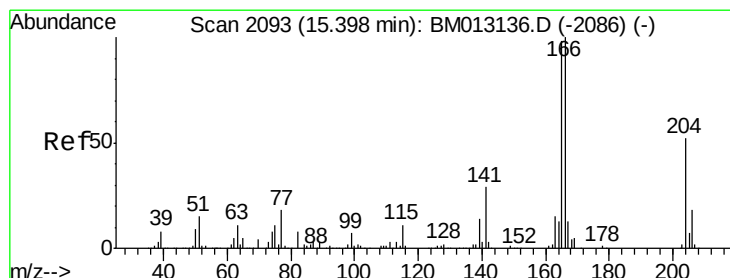
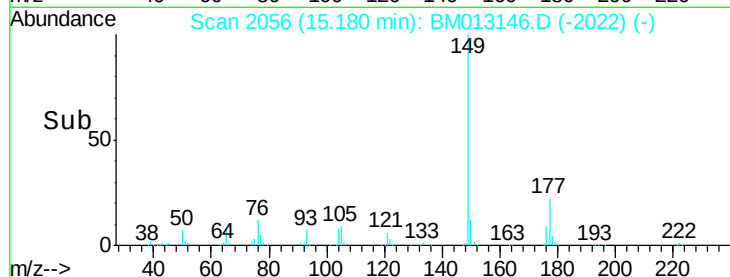
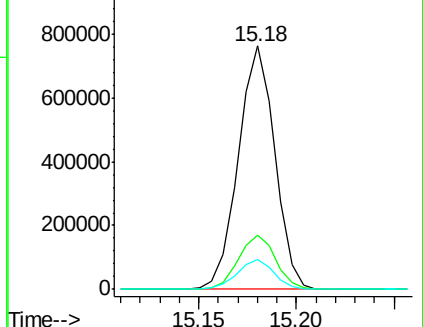
150 12.4 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#58

Fluorene

Concen: 20.77 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

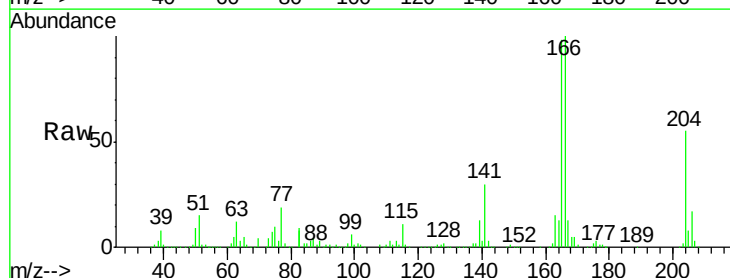
Tgt Ion:166 Resp: 972308

Ion Ratio Lower Upper

166 100

165 98.3 77.9 116.9

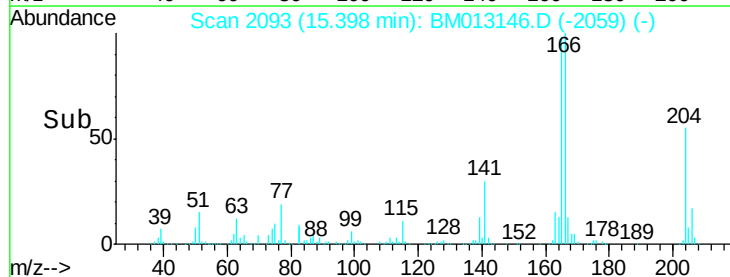
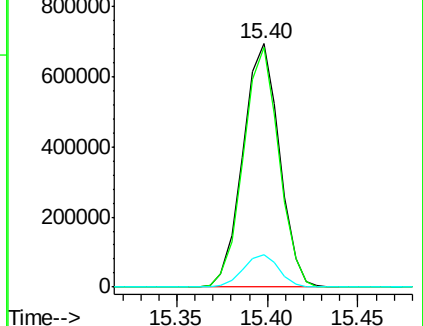
167 13.4 10.6 16.0

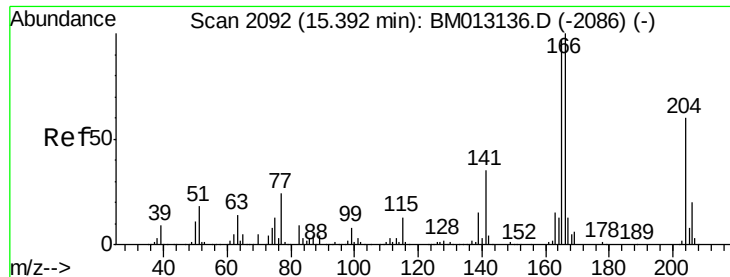


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

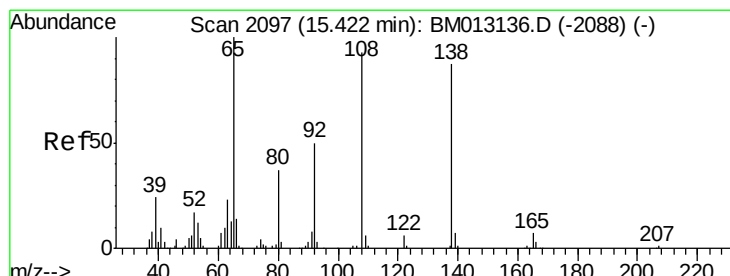
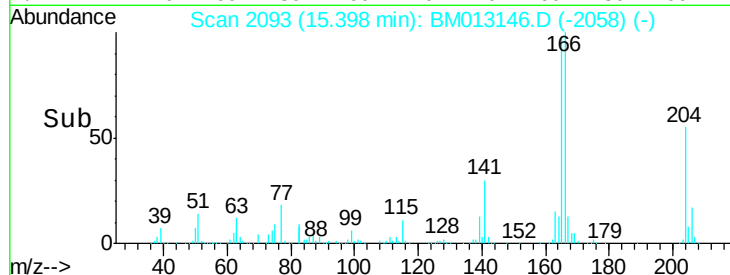
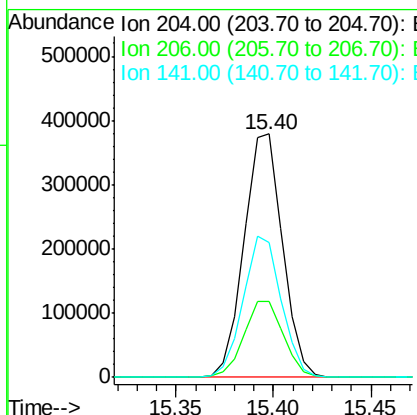
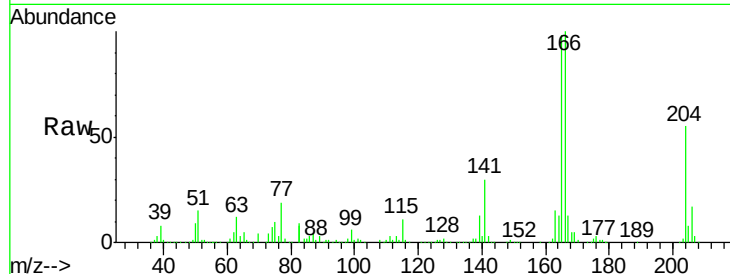




#59  
 4-Chlorophenyl-phenylether  
 Concen: 20.98 ng/ul  
 RT: 15.40 min Scan# 2093  
 Delta R.T. 0.01 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

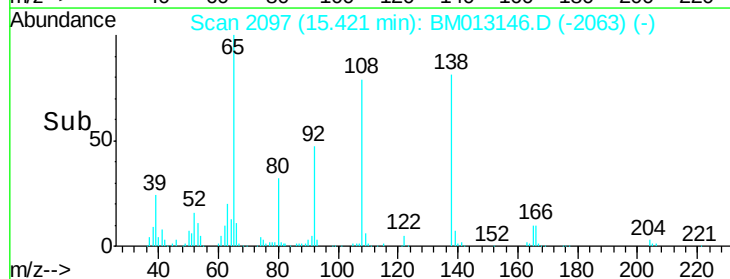
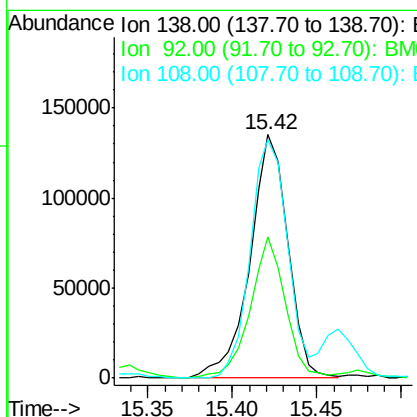
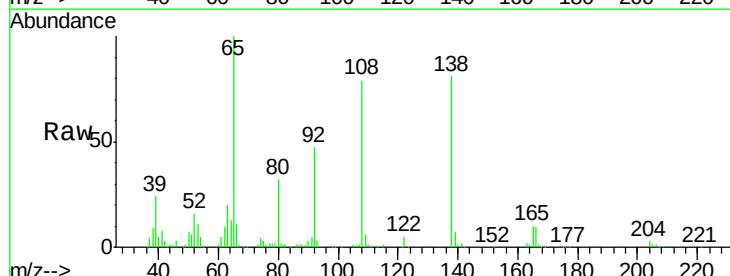
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

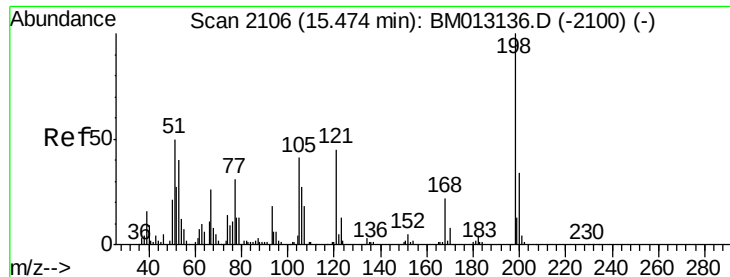
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 31.4  | 24.8  | 37.2  |
| 141     | 55.1  | 44.3  | 66.5  |



#60  
 4-Nitroaniline  
 Concen: 23.27 ng/ul  
 RT: 15.42 min Scan# 2097  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 57.9  | 40.0  | 60.0  |
| 108     | 97.7  | 80.0  | 120.0 |

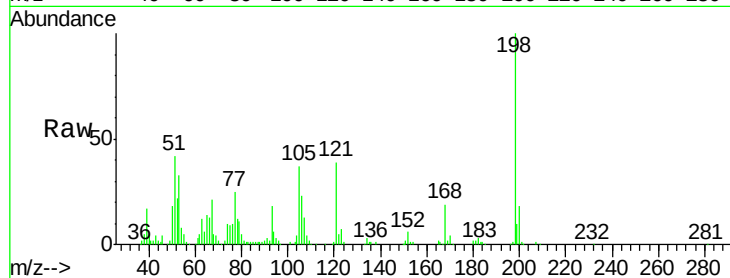




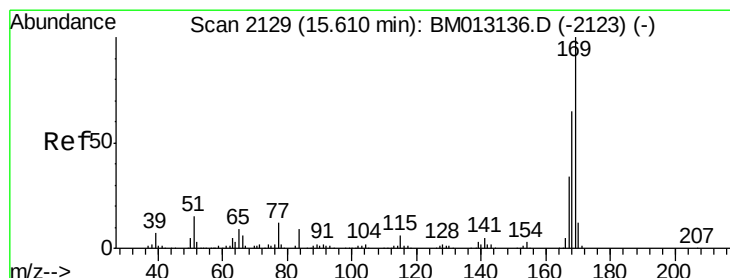
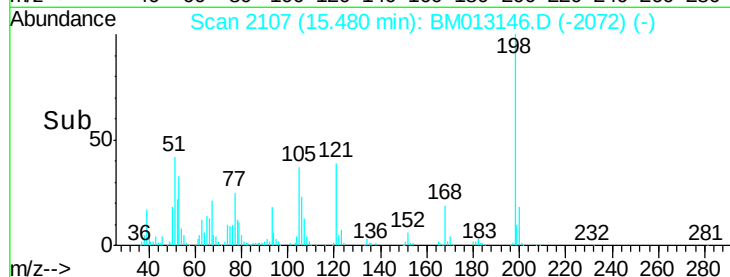
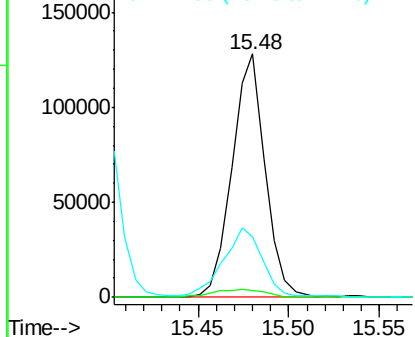
#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 24.98 ng/ul  
 RT: 15.48 min Scan# 2107  
 Delta R.T. 0.01 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SST02002

Tot Ion:198 Resp: 162587  
 Ion Ratio Lower Upper  
 198 100  
 182 2.6 3.8 5.6#  
 77 24.7 25.2 37.8#

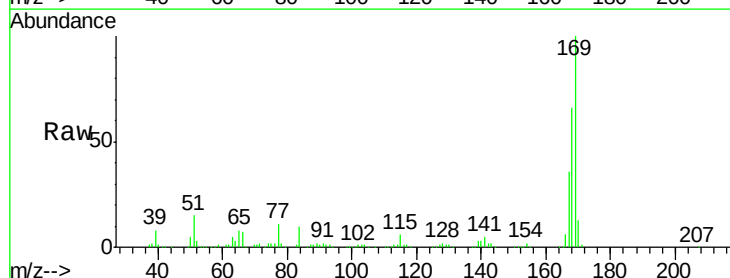


Abundance Ion 198.00 (197.70 to 198.70): E  
 Ion 182.00 (181.70 to 182.70): E  
 Ion 77.00 (76.70 to 77.70): BM0

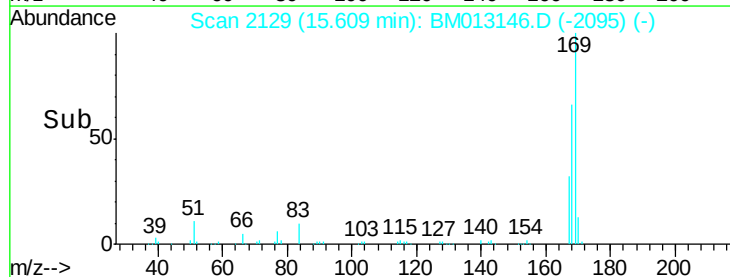
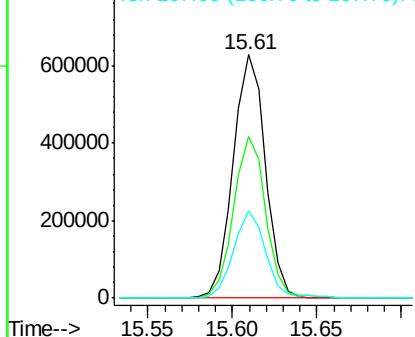


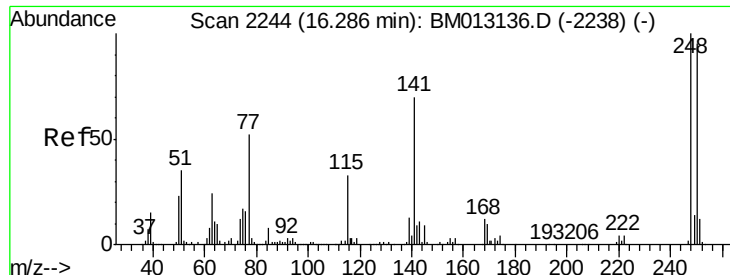
#64  
 N-Nitrosodiphenylamine  
 Concen: 19.23 ng/ul  
 RT: 15.61 min Scan# 2129  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

Tgt Ion:169 Resp: 834420  
 Ion Ratio Lower Upper  
 169 100  
 168 66.4 54.0 81.0  
 167 35.9 29.1 43.7



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

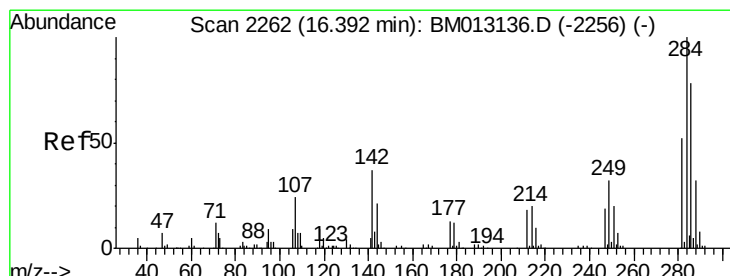
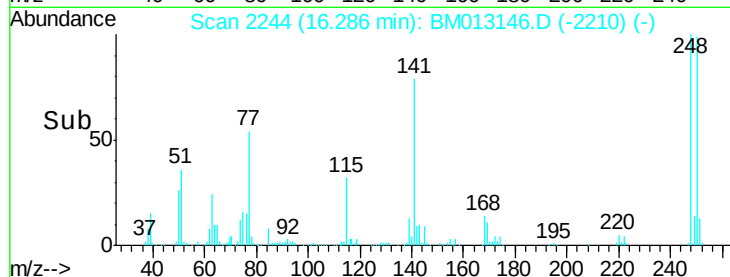
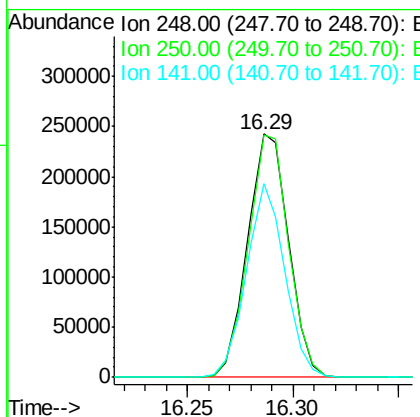
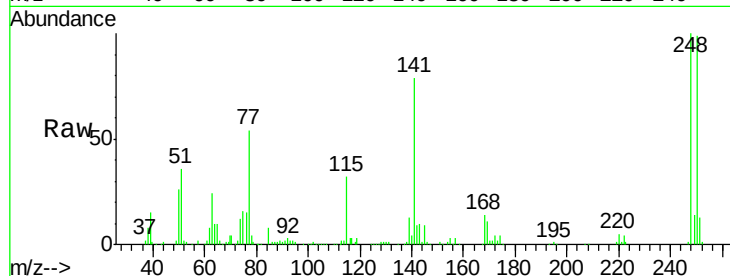




#65  
4-Bromophenyl-phenylether  
Concen: 19.60 ng/ul  
RT: 16.29 min Scan# 2244  
Delta R.T. -0.00 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

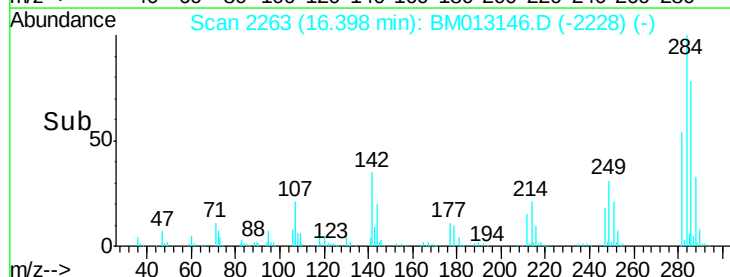
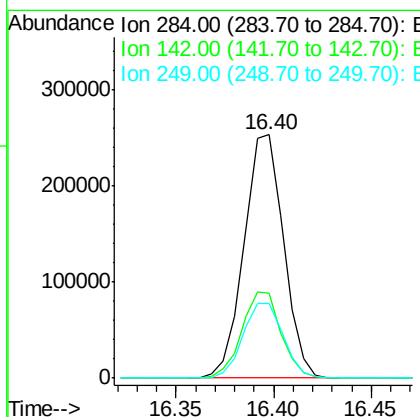
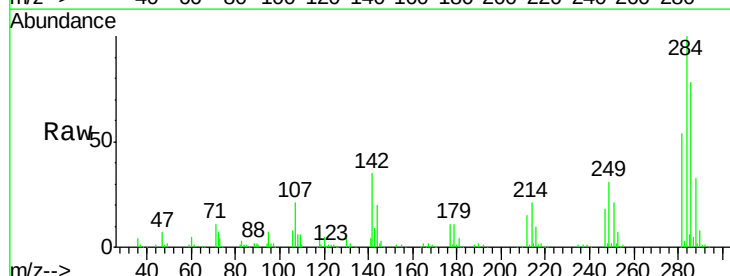
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02002

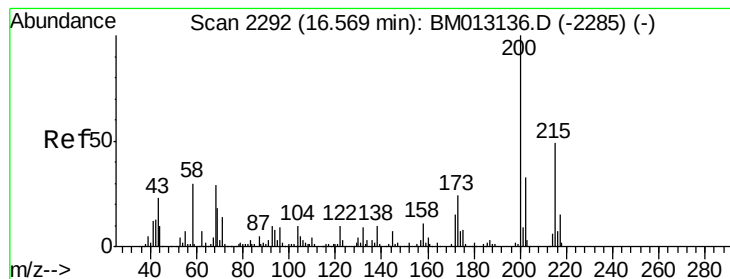
Tot Ion:248 Resp: 328107  
Ion Ratio Lower Upper  
248 100  
250 99.3 80.5 120.7  
141 79.3 53.6 80.4



#66  
Hexachlorobenzene  
Concen: 19.77 ng/ul  
RT: 16.40 min Scan# 2263  
Delta R.T. 0.01 min  
Lab File: BM013146.D  
Acq: 28 Nov 2017 20:55

Tgt Ion:284 Resp: 357272  
Ion Ratio Lower Upper  
284 100  
142 34.9 21.2 31.8#  
249 30.5 24.5 36.7





#67

Atrazine

Concen: 19.72 ng/ul

RT: 16.57 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

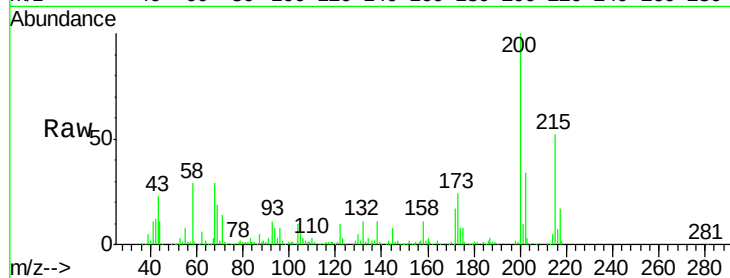
Tot Ion:200 Resp: 327850

Ion Ratio Lower Upper

200 100

173 24.4 18.2 27.2

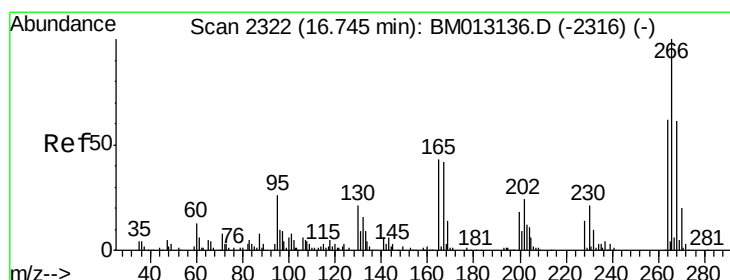
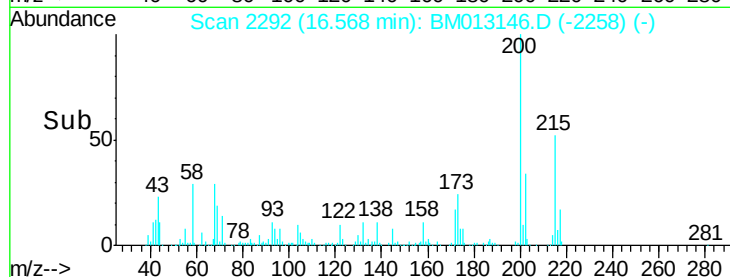
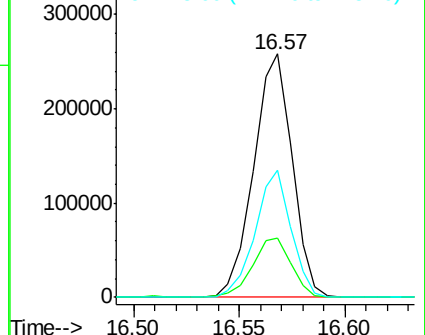
215 52.3 35.0 52.4



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



#68

Pentachlorophenol

Concen: 21.37 ng/ul

RT: 16.74 min Scan# 2322

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

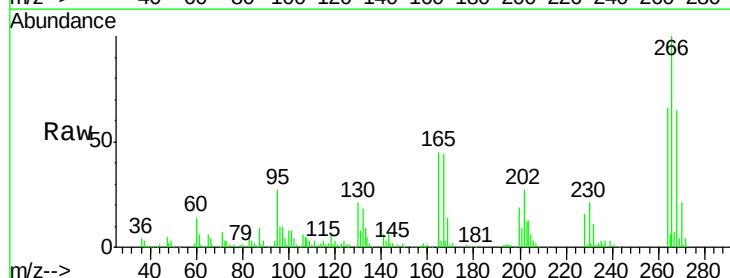
Tgt Ion:266 Resp: 199139

Ion Ratio Lower Upper

266 100

264 66.0 49.3 73.9

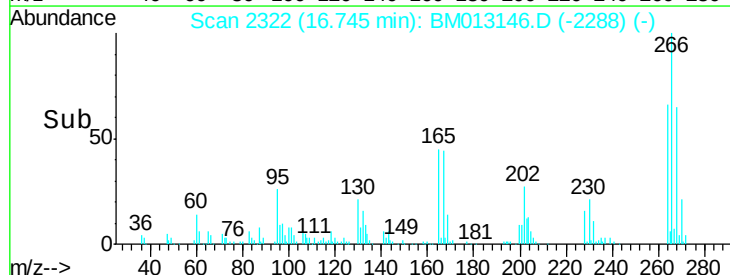
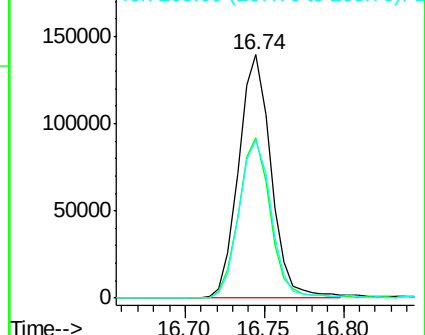
268 64.8 52.6 78.8

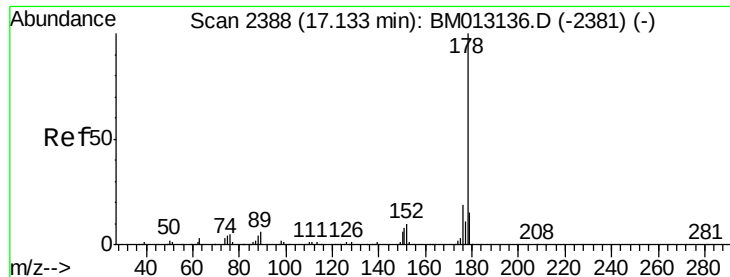


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 20.20 ng/ul

RT: 17.13 min Scan# 2388

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

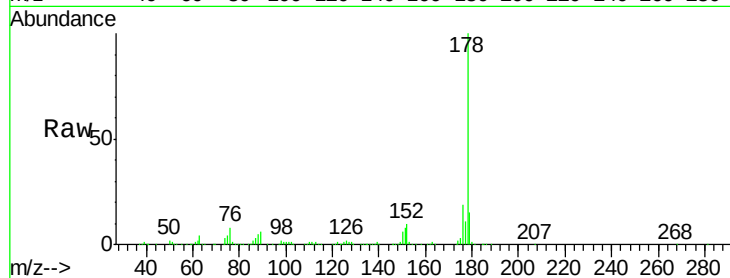
Tot Ion:178 Resp: 1570743

Ion Ratio Lower Upper

178 100

179 15.1 12.6 19.0

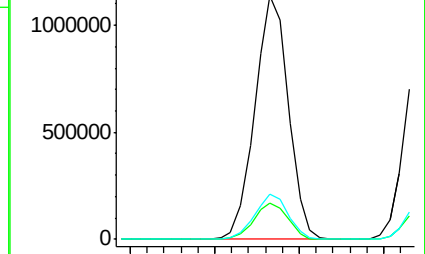
176 18.7 14.9 22.3



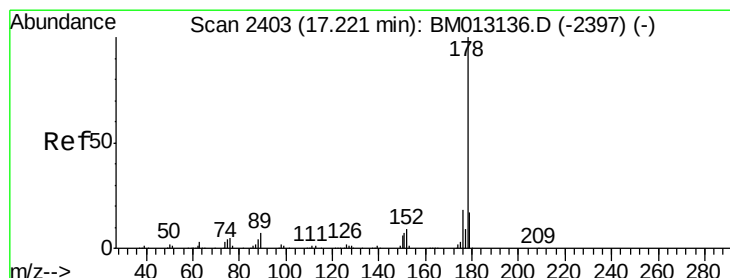
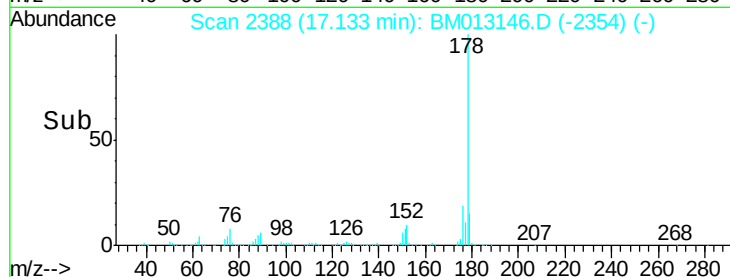
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 19.92 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

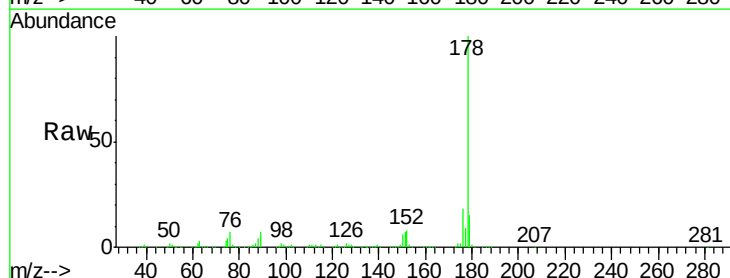
Tgt Ion:178 Resp: 1607419

Ion Ratio Lower Upper

178 100

179 14.6 11.7 17.5

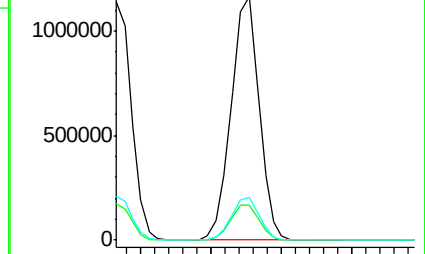
176 17.7 14.6 21.8



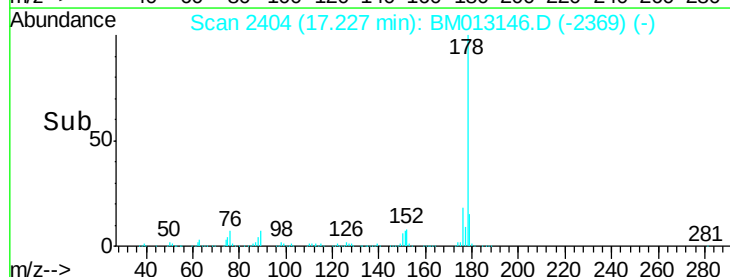
Abundance Ion 178.00 (177.70 to 178.70): E

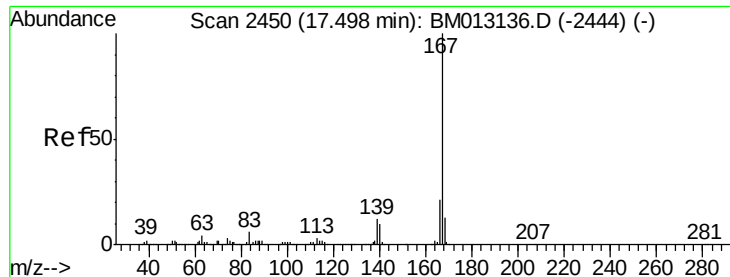
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

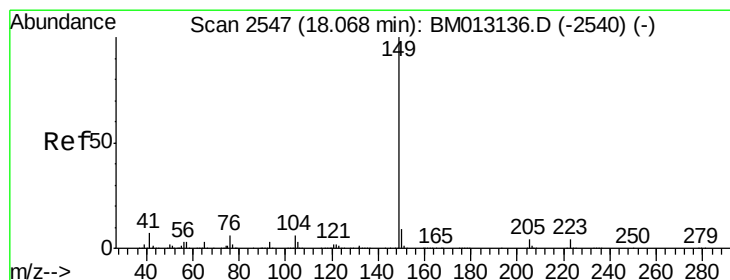
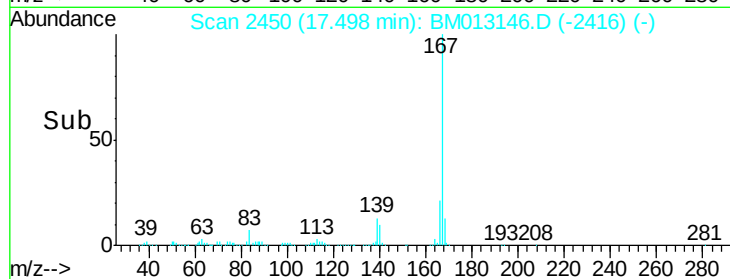
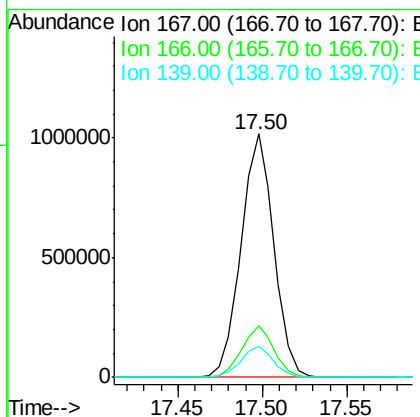
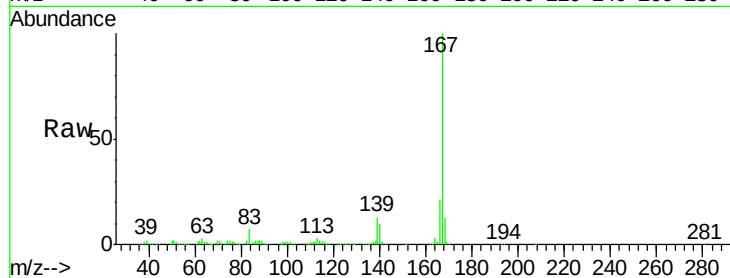




#72  
 Carbazole  
 Concen: 19.62 ng/ul  
 RT: 17.50 min Scan# 2450  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

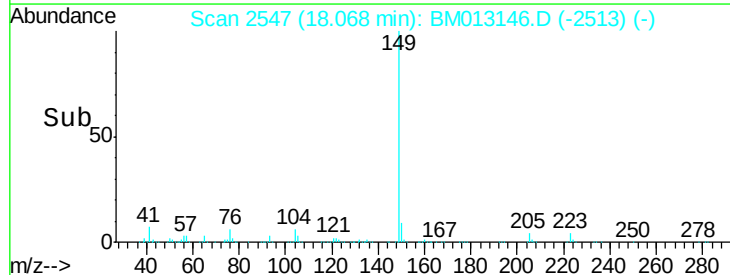
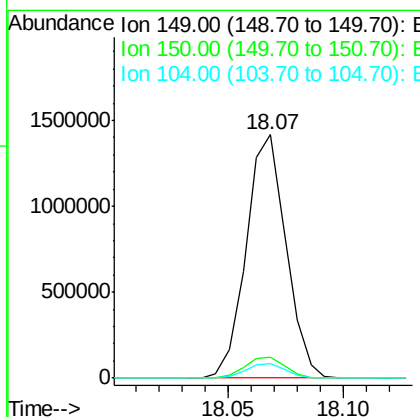
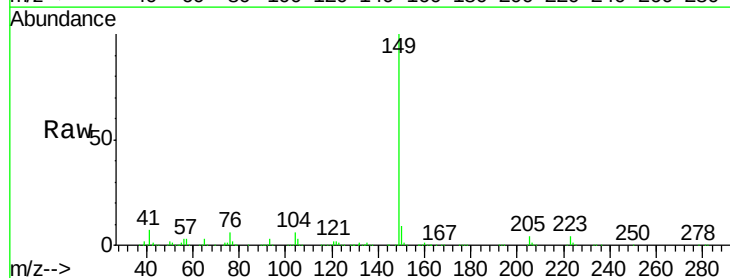
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02002

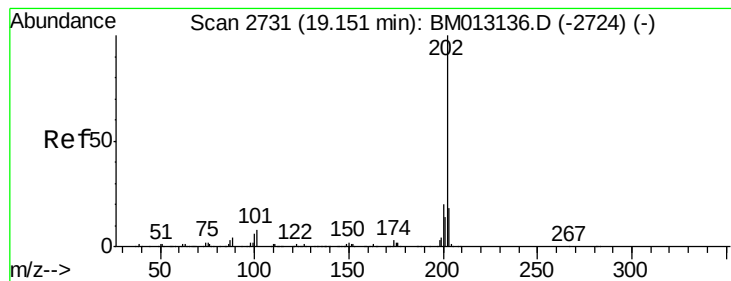
Tot Ion:167 Resp: 1369020  
 Ion Ratio Lower Upper  
 167 100  
 166 21.0 17.1 25.7  
 139 12.8 10.0 15.0



#73  
 Di-n-butylphthalate  
 Concen: 19.22 ng/ul  
 RT: 18.07 min Scan# 2547  
 Delta R.T. -0.00 min  
 Lab File: BM013146.D  
 Acq: 28 Nov 2017 20:55

Tgt Ion:149 Resp: 1708127  
 Ion Ratio Lower Upper  
 149 100  
 150 8.8 7.1 10.7  
 104 6.0 5.6 8.4





#74

Fluoranthene

Concen: 20.19 ng/ul

RT: 19.15 min Scan# 2731

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

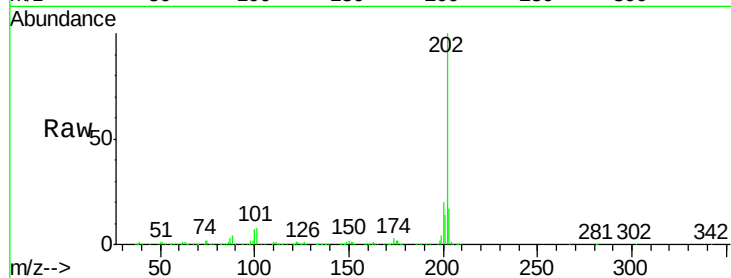
Tot Ion:202 Resp: 1897725

Ion Ratio Lower Upper

202 100

101 8.3 4.6 7.0#

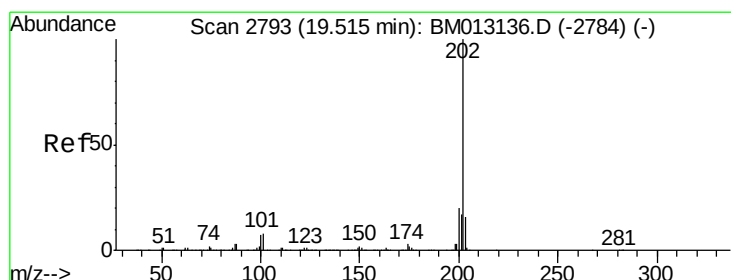
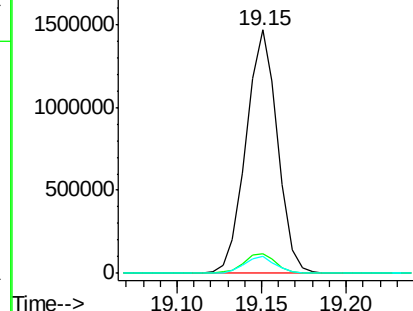
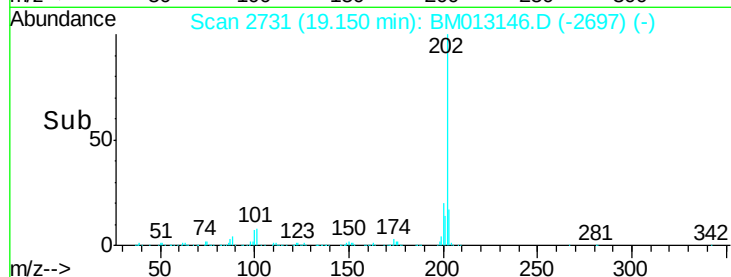
100 7.0 3.4 5.2#



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



#77

Pyrene

Concen: 20.97 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

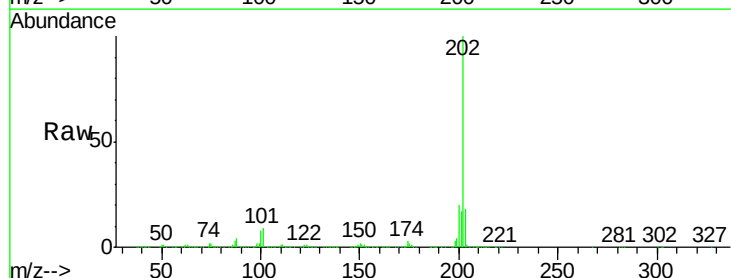
Tgt Ion:202 Resp: 1895304

Ion Ratio Lower Upper

202 100

101 9.4 5.1 7.7#

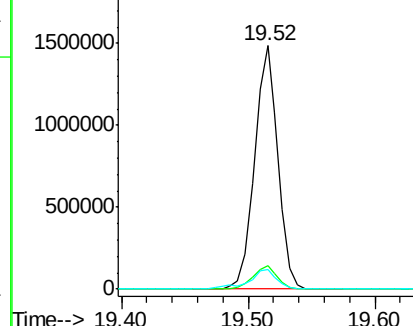
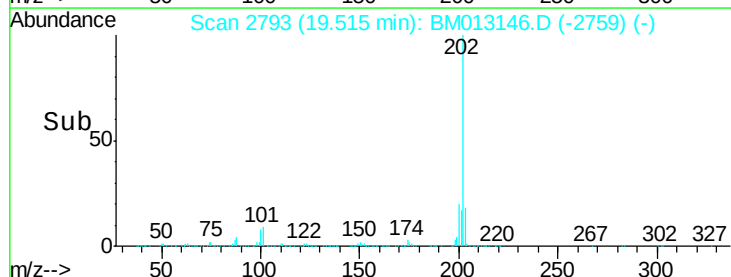
100 8.2 4.9 7.3#



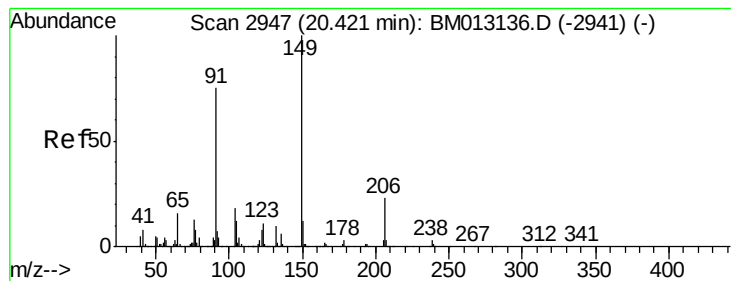
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B







#78

Butylbenzylphthalate

Concen: 20.84 ng/ul

RT: 20.42 min Scan# 2947

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

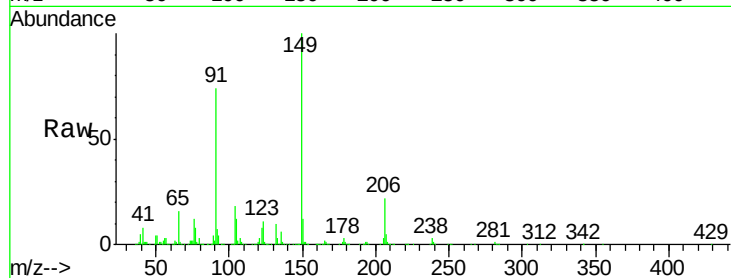
Tot Ion:149 Resp: 782878

Ion Ratio Lower Upper

149 100

91 73.8 62.7 94.1

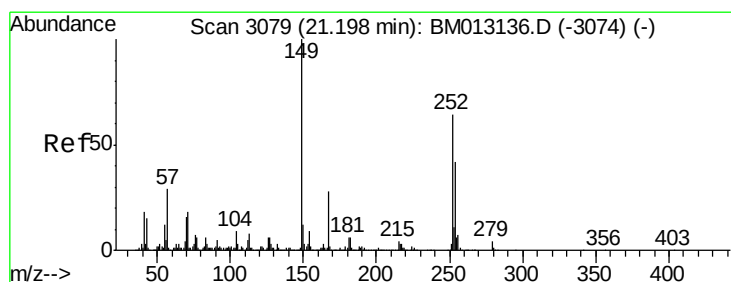
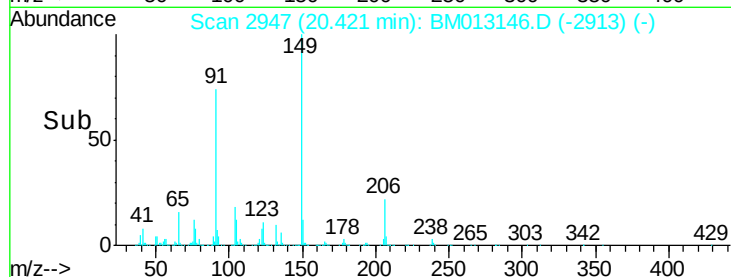
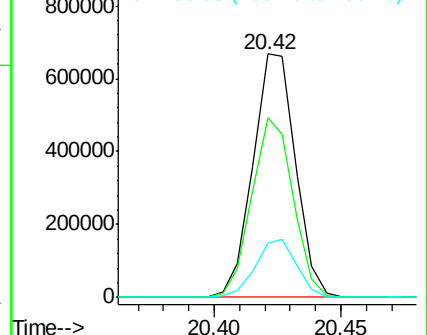
206 22.3 20.8 31.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 21.14 ng/ul

RT: 21.20 min Scan# 3079

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

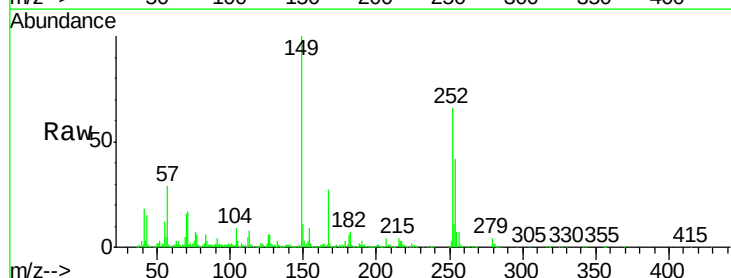
Tgt Ion:252 Resp: 630764

Ion Ratio Lower Upper

252 100

254 63.3 54.5 81.7

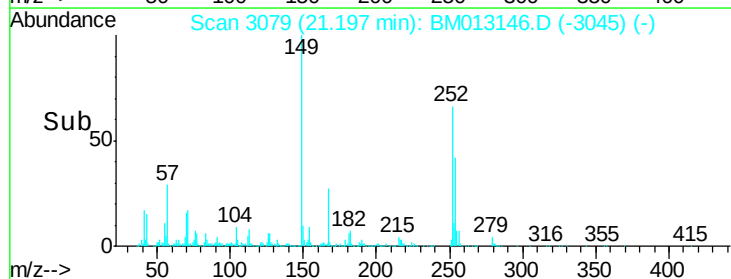
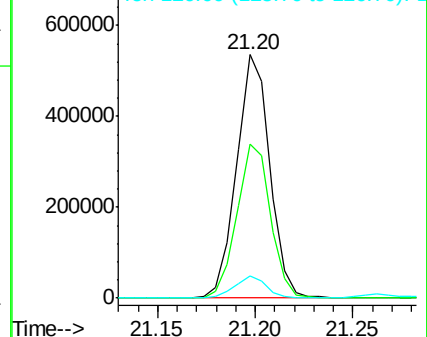
126 9.2 5.8 8.8#

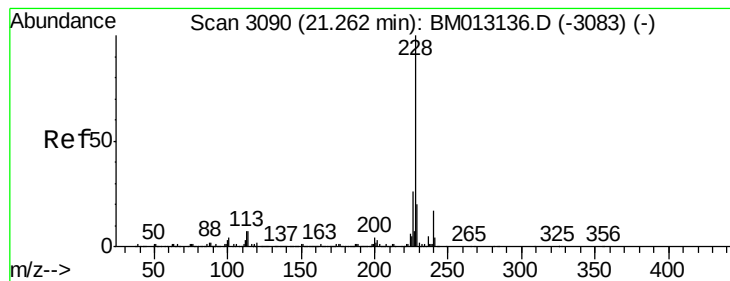


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.91 ng/ul

RT: 21.26 min Scan# 3090

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

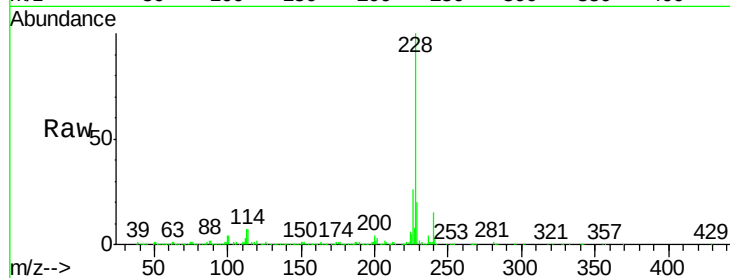
Tot Ion:228 Resp: 1849735

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 20.4  | 15.4  | 23.0  |
| 226 | 26.2  | 21.4  | 32.0  |

228 100

229 20.4 15.4 23.0

226 26.2 21.4 32.0

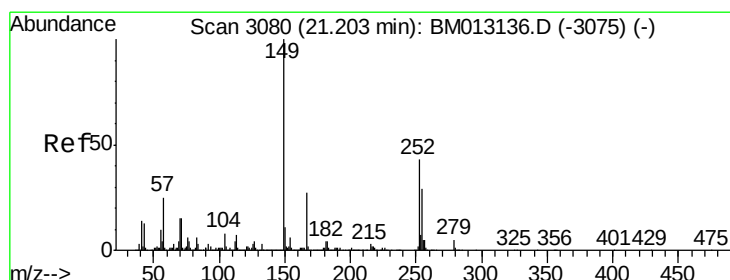
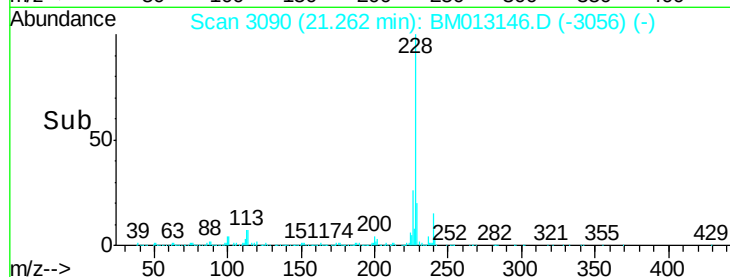
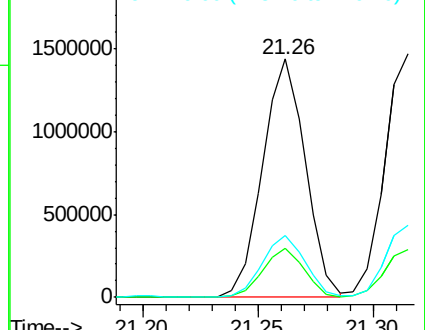


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.64 ng/ul

RT: 21.20 min Scan# 3080

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

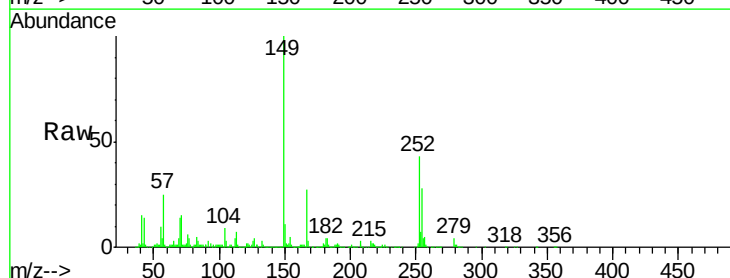
Tgt Ion:149 Resp: 1142683

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 27.5  | 22.8  | 34.2  |
| 279 | 4.3   | 4.9   | 7.3   |

149 100

167 27.5 22.8 34.2

279 4.3 4.9 7.3

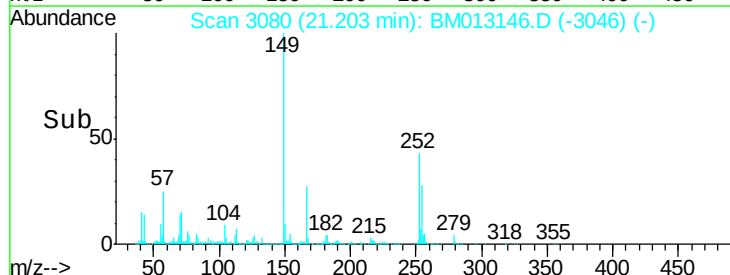
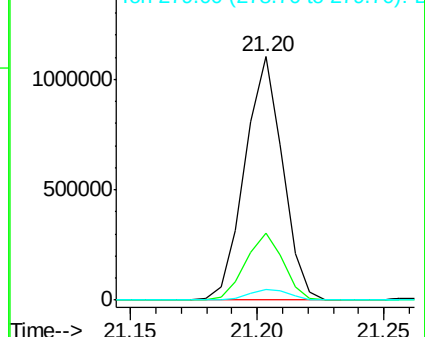


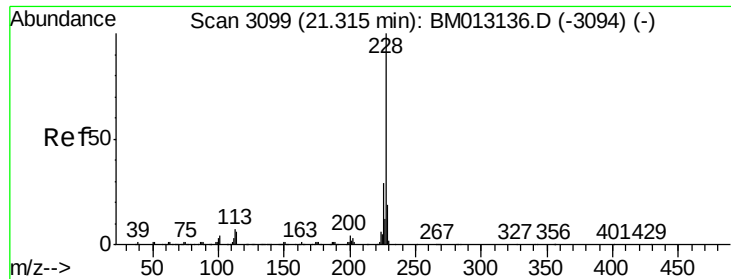
Abundance

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





#82

Chrysene

Concen: 19.82 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

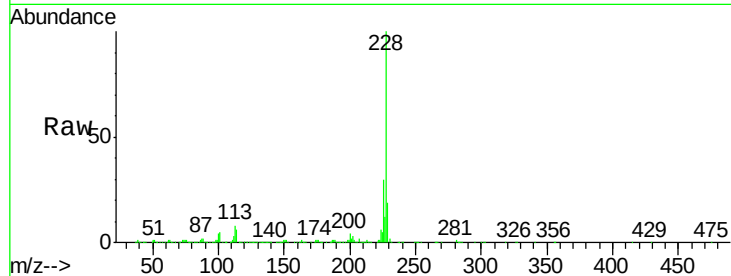
BNA\_M

ClientSampleId :

SSTD02002

Tot Ion:228 Resp: 1707364

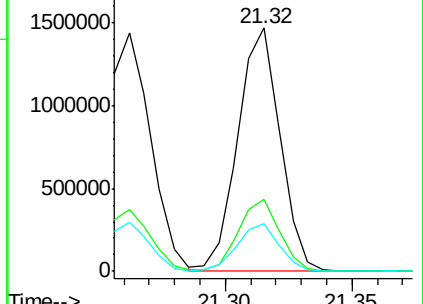
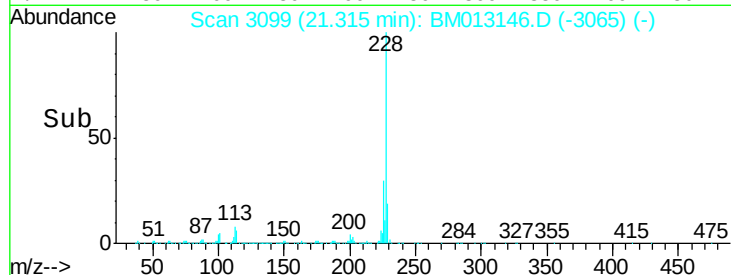
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.6  | 23.4  | 35.2  |
| 229 | 19.4  | 15.5  | 23.3  |



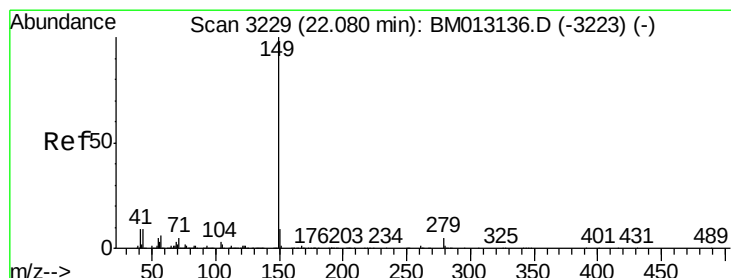
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 25.00 ng/ul

RT: 22.08 min Scan# 3229

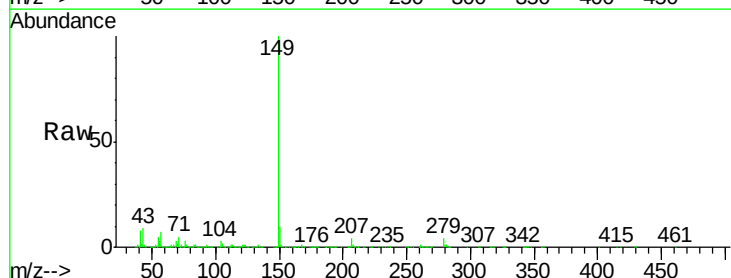
Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Tgt Ion:149 Resp: 1867945

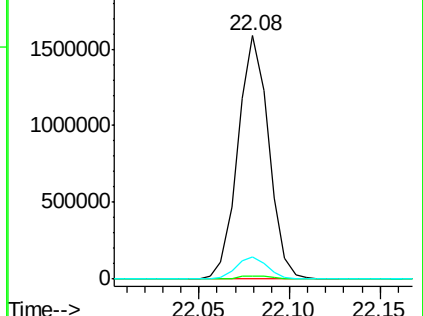
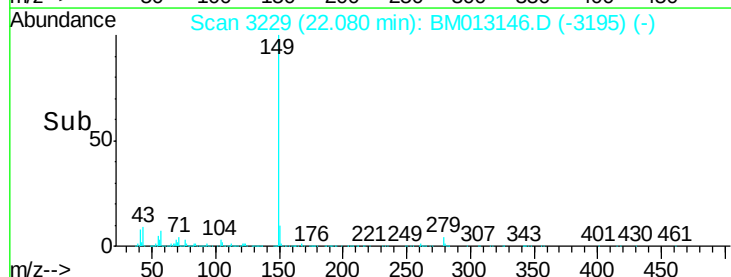
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.4   | 1.3   | 1.9   |
| 43  | 9.2   | 7.3   | 10.9  |



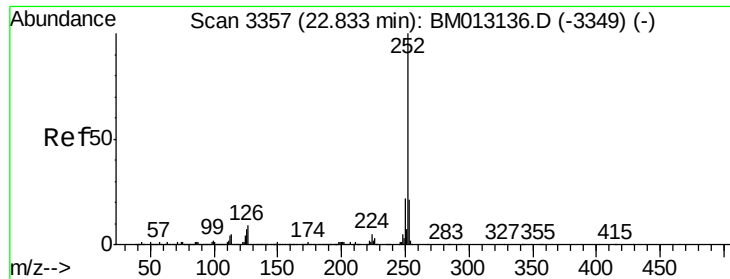
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0



Time-->



#85

Benzo(b)fluoranthene

Concen: 22.01 ng/ul

RT: 22.84 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

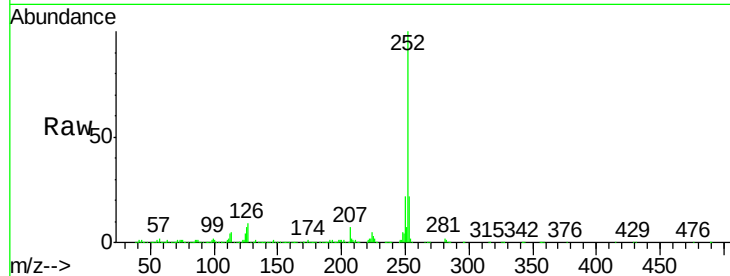
Tot Ion:252 Resp: 1612448

Ion Ratio Lower Upper

252 100

253 22.0 17.9 26.9

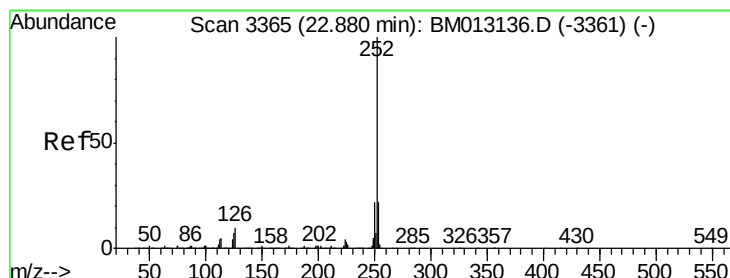
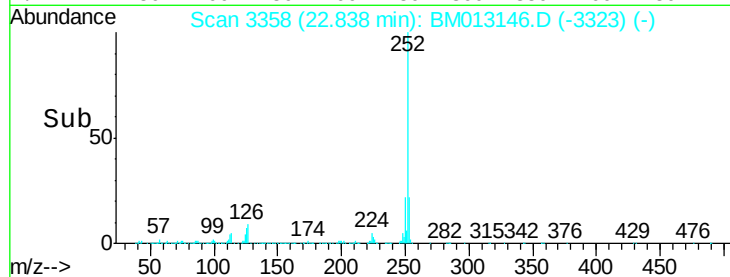
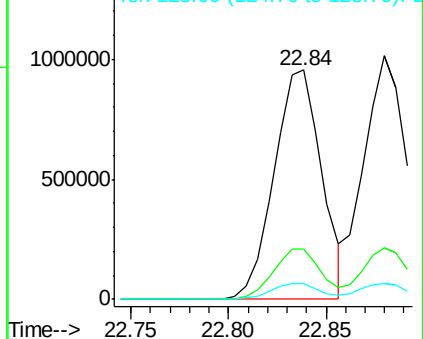
125 6.8 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 22.90 ng/ul

RT: 22.88 min Scan# 3365

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

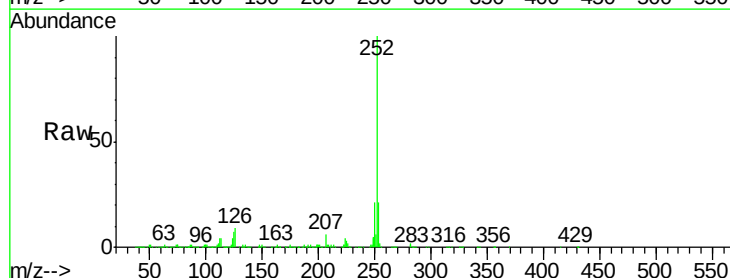
Tgt Ion:252 Resp: 1544672

Ion Ratio Lower Upper

252 100

253 21.1 17.1 25.7

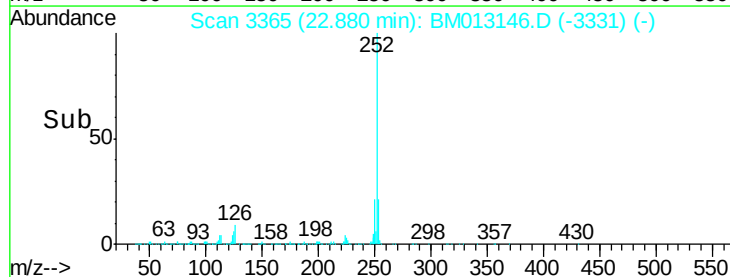
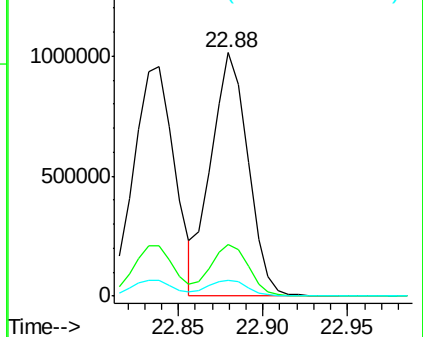
125 6.5 3.4 5.2#

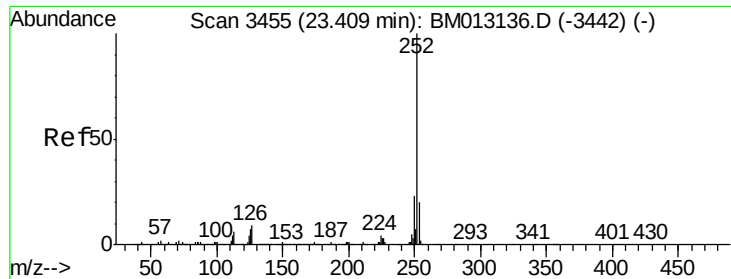


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 20.50 ng/ul

RT: 23.41 min Scan# 3455

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

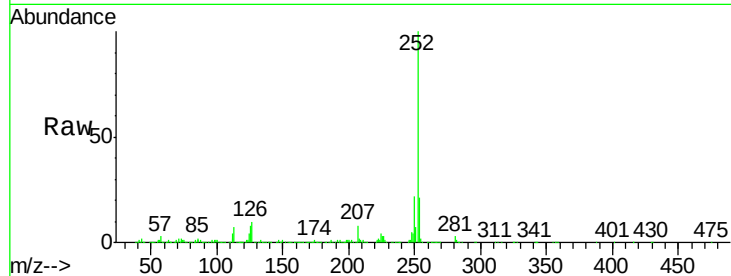
Tot Ion:252 Resp: 1398529

Ion Ratio Lower Upper

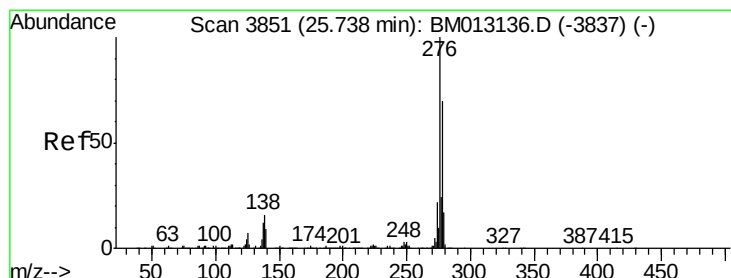
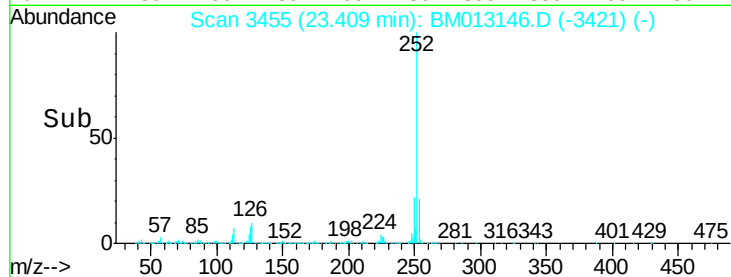
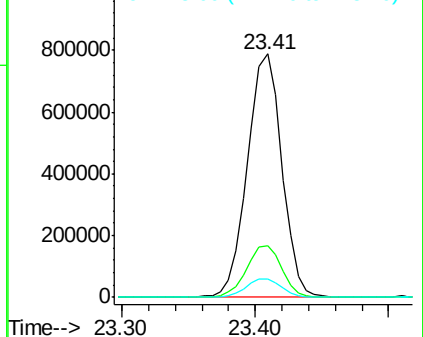
252 100

253 21.0 18.2 27.2

125 7.7 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 16.53 ng/ul

RT: 25.74 min Scan# 3852

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

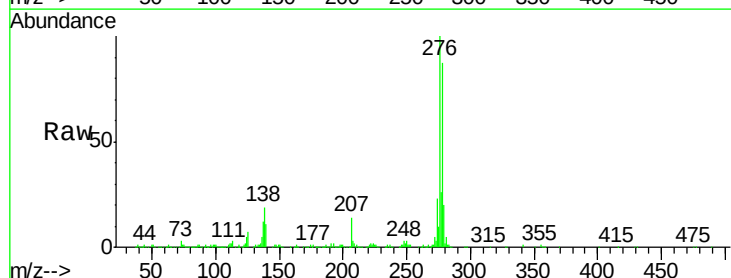
Tgt Ion:276 Resp: 1317872

Ion Ratio Lower Upper

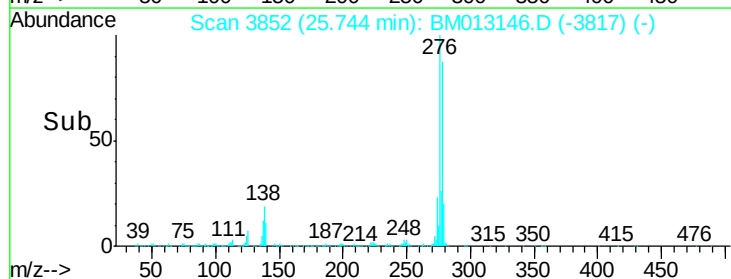
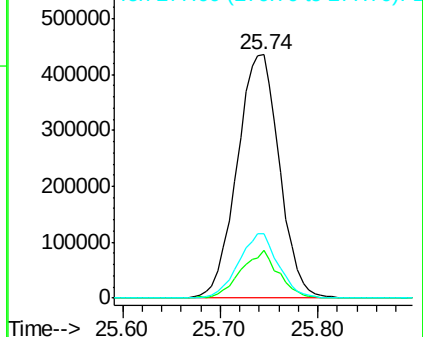
276 100

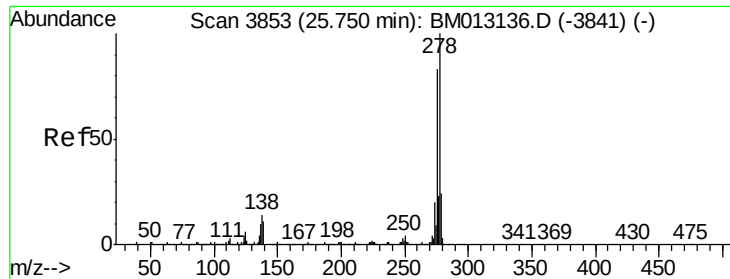
138 19.5 9.3 13.9#

277 26.4 19.9 29.9



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





#90

Dibenzo(a,h)anthracene

Concen: 16.60 ng/ul

RT: 25.76 min Scan# 3854

Delta R.T. 0.01 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

Instrument :

BNA\_M

ClientSampleId :

SSTD02002

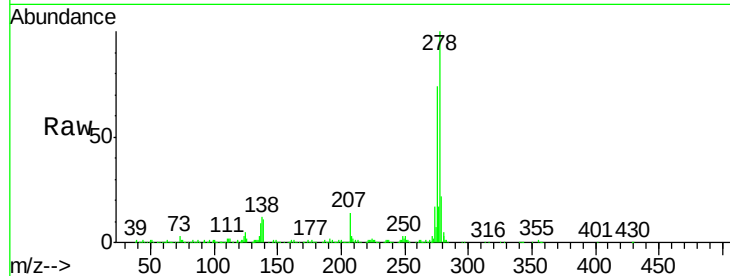
Tot Ion:278 Resp: 1120508

Ion Ratio Lower Upper

278 100

139 10.9 5.8 8.8#

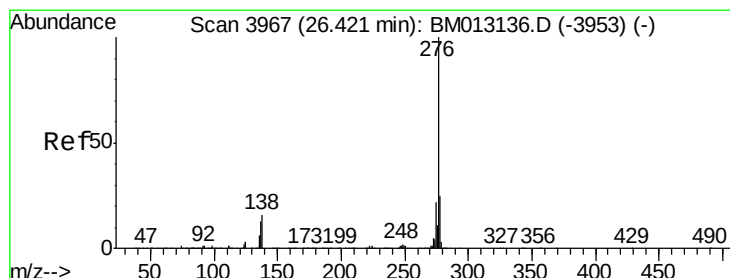
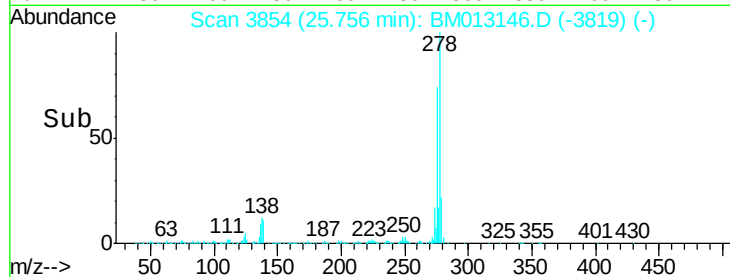
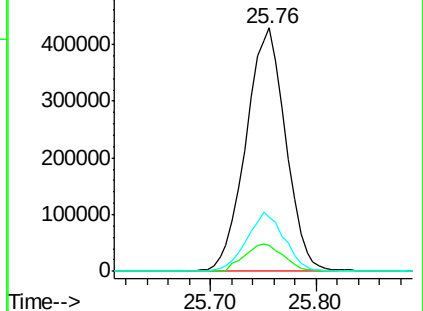
279 22.2 18.6 27.8



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



#91

Benzo(g,h,i)perylene

Concen: 15.80 ng/ul

RT: 26.42 min Scan# 3967

Delta R.T. -0.00 min

Lab File: BM013146.D

Acq: 28 Nov 2017 20:55

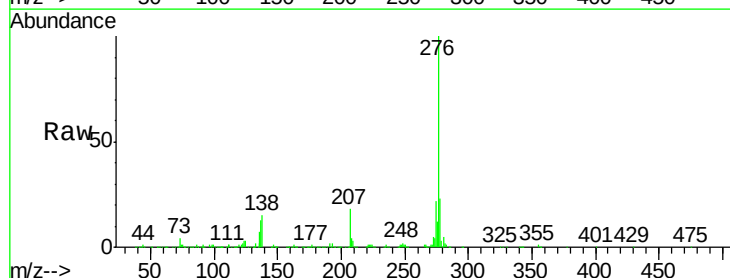
Tgt Ion:276 Resp: 1046396

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 22.7 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

