

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\  
 Data File : BM014406.D  
 Acq On : 28 Feb 2018 17:42  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

Quant Time: Feb 28 18:17:09 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 12:00:03 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.52  | 152  | 59847    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.29 | 136  | 296604   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.17 | 164  | 199909   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.94 | 188  | 494978   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.15 | 240  | 553244   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.33 | 264  | 583292   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.10  | 96  | 7738   | 5.53  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.72  | 99  | 99142  | 19.60 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.87  | 67  | 58727  | 19.18 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.06  | 132 | 81818  | 21.10 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.25  | 113 | 93406  | 21.10 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.68  | 128 | 44527  | 20.31 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.39  | 143 | 51355  | 22.64 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.93  | 165 | 93795  | 19.96 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.45 | 131 | 109293 | 23.61 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.60 | 166 | 342812 | 20.77 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 13.86 | 160 | 415305 | 20.40 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 45882  | 20.13 | ng/ul | 0.01 |
| 57) Fluorene-d10               | 15.18 | 176 | 292091 | 19.75 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.34 | 200 | 57581  | 19.39 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.04 | 188 | 481852 | 20.18 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.34 | 212 | 541963 | 18.99 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.19 | 264 | 538255 | 18.96 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        | Ovalue |           |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.12  | 88  | 9624   | 6.196  | ng/uL# 59 |
| 4) Benzaldehyde                | 6.68  | 77  | 47714  | 23.137 | ng/ul 95  |
| 6) Phenol                      | 6.75  | 94  | 105634 | 19.902 | ng/ul# 89 |
| 8) Bis(2-Chloroethyl)ether     | 6.96  | 93  | 76054  | 19.748 | ng/ul 93  |
| 10) 2-Chlorophenol             | 7.09  | 128 | 78579  | 19.843 | ng/ul 93  |
| 11) 2-Methylphenol             | 7.98  | 108 | 84431  | 20.797 | ng/ul 98  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.04  | 45  | 89640  | 23.065 | ng/ul# 82 |
| 14) Acetophenone               | 8.35  | 105 | 149344 | 19.558 | ng/ul 92  |
| 15) N-Nitroso-di-n-propylamine | 8.33  | 70  | 79190  | 20.695 | ng/ul# 73 |
| 16) 4-Methylphenol             | 8.31  | 108 | 93350  | 21.101 | ng/ul 98  |
| 17) Hexachloroethane           | 8.56  | 117 | 39789  | 19.288 | ng/ul# 62 |
| 20) Nitrobenzene               | 8.72  | 77  | 118845 | 18.333 | ng/ul 96  |
| 21) Isophorone                 | 9.24  | 82  | 231662 | 20.893 | ng/ul# 93 |
| 23) 2-Nitrophenol              | 9.42  | 139 | 51505  | 20.961 | ng/ul 96  |
| 24) 2,4-Dimethylphenol         | 9.49  | 107 | 119975 | 19.916 | ng/ul 93  |
| 25) Bis(2-Chloroethoxy)methane | 9.72  | 93  | 121415 | 20.788 | ng/ul 99  |
| 27) 2,4-Dichlorophenol         | 9.96  | 162 | 91404  | 20.502 | ng/ul# 92 |
| 28) Naphthalene                | 10.34 | 128 | 299077 | 19.632 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.47 | 127 | 111031 | 23.517 | ng/ul 99  |
| 31) Hexachlorobutadiene        | 10.61 | 225 | 61800  | 17.472 | ng/ul 91  |
| 32) Caprolactam                | 11.27 | 113 | 29723  | 20.815 | ng/ul# 45 |
| 33) 4-Chloro-3-methylphenol    | 11.62 | 107 | 113095 | 20.994 | ng/ul 94  |
| 34) 2-Methylnaphthalene        | 11.96 | 142 | 219490 | 18.930 | ng/ul 97  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\  
 Data File : BM014406.D  
 Acq On : 28 Feb 2018 17:42  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

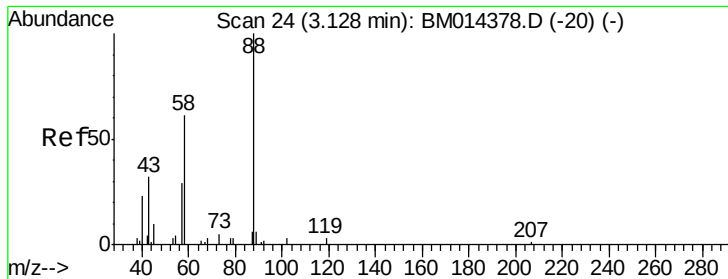
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

Quant Time: Feb 28 18:17:09 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Feb 28 12:00:03 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.34 | 216  | 121756   | 18.974 | ng/ul# | 94       |
| 37) Hexachlorocyclopentadiene  | 12.30 | 237  | 48133    | 13.783 | ng/ul# | 84       |
| 38) 2,4,6-Trichlorophenol      | 12.60 | 196  | 84853    | 21.194 | ng/ul  | 92       |
| 39) 2,4,5-Trichlorophenol      | 12.69 | 196  | 85296    | 20.848 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.00 | 154  | 312050   | 20.264 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.04 | 162  | 244072   | 19.841 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.27 | 65   | 88307    | 21.215 | ng/ul  | 87       |
| 44) Dimethylphthalate          | 13.65 | 163  | 338870   | 20.816 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 13.78 | 165  | 68877    | 22.270 | ng/ul# | 85       |
| 47) Acenaphthylene             | 13.90 | 152  | 393196   | 20.435 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.12 | 138  | 57168    | 21.808 | ng/ul# | 94       |
| 49) Acenaphthene               | 14.24 | 153  | 270924   | 19.996 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.35 | 184  | 39332    | 23.645 | ng/ul# | 74       |
| 52) 4-Nitrophenol              | 14.46 | 109  | 49418    | 16.537 | ng/ul# | 77       |
| 53) Dibenzofuran               | 14.58 | 168  | 385524   | 18.977 | ng/ul  | 93       |
| 54) 2,4-Dinitrotoluene         | 14.59 | 165  | 105730   | 21.336 | ng/ul# | 54       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.82 | 232  | 81883    | 19.791 | ng/ul# | 74       |
| 56) Diethylphthalate           | 15.02 | 149  | 362720   | 19.995 | ng/ul# | 92       |
| 58) Fluorene                   | 15.23 | 166  | 333527   | 19.017 | ng/ul  | 100      |
| 59) 4-Chlorophenyl-phenylether | 15.23 | 204  | 170250   | 18.559 | ng/ul  | 91       |
| 60) 4-Nitroaniline             | 15.29 | 138  | 60548    | 20.596 | ng/ul# | 85       |
| 63) 4,6-Dinitro-2-methylphenol | 15.36 | 198  | 60131    | 19.897 | ng/ul# | 88       |
| 64) N-Nitrosodiphenylamine     | 15.46 | 169  | 283369   | 19.922 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.13 | 248  | 105286   | 19.062 | ng/ul# | 88       |
| 66) Hexachlorobenzene          | 16.25 | 284  | 111533   | 19.203 | ng/ul# | 86       |
| 67) Atrazine                   | 16.42 | 200  | 116464   | 20.732 | ng/ul  | 95       |
| 68) Pentachlorophenol          | 16.60 | 266  | 57720    | 18.964 | ng/ul  | 96       |
| 69) Phenanthrene               | 16.98 | 178  | 553979   | 19.425 | ng/ul  | 100      |
| 71) Anthracene                 | 17.07 | 178  | 568746   | 19.830 | ng/ul  | 98       |
| 72) Carbazole                  | 17.36 | 167  | 501653   | 20.801 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 17.92 | 149  | 639848   | 20.565 | ng/ul  | 98       |
| 74) Fluoranthene               | 19.01 | 202  | 684677   | 20.095 | ng/ul# | 92       |
| 77) Pyrene                     | 19.37 | 202  | 688030   | 18.713 | ng/ul# | 92       |
| 78) Butylbenzylphthalate       | 20.29 | 149  | 310333   | 20.414 | ng/ul  | 94       |
| 79) 3,3'-Dichlorobenzidine     | 21.08 | 252  | 221517   | 22.774 | ng/ul# | 94       |
| 80) Benzo(a)anthracene         | 21.14 | 228  | 686523   | 19.883 | ng/ul  | 100      |
| 81) Bis(2-ethylhexyl)phthalate | 21.07 | 149  | 440780   | 20.245 | ng/ul# | 93       |
| 82) Chrysene                   | 21.19 | 228  | 644690   | 20.015 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 21.93 | 149  | 758599   | 15.156 | ng/ul# | 93       |
| 85) Benzo(b)fluoranthene       | 22.68 | 252  | 682090   | 17.464 | ng/ul# | 99       |
| 86) Benzo(k)fluoranthene       | 22.73 | 252  | 639856   | 17.231 | ng/ul# | 99       |
| 88) Benzo(a)pyrene             | 23.23 | 252  | 658219   | 18.860 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.50 | 276  | 820646   | 24.232 | ng/ul# | 95       |
| 90) Dibenzo(a,h)anthracene     | 25.50 | 278  | 706181   | 25.095 | ng/ul# | 95       |
| 91) Benzo(g,h,i)perylene       | 26.15 | 276  | 677298   | 24.687 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 6.196 ng/uL

RT: 3.12 min Scan# 23

Delta R.T. -0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

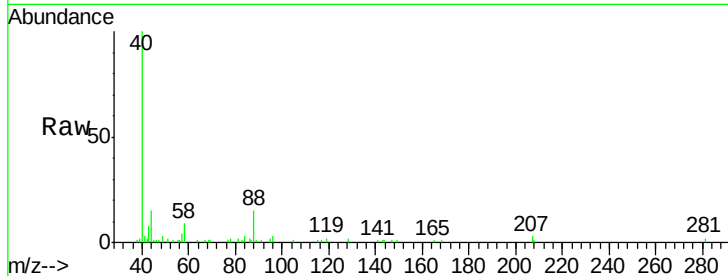
Tot Ion: 88 Resp: 9624

Ion Ratio Lower Upper

88 100

43 36.8 48.0 72.0#

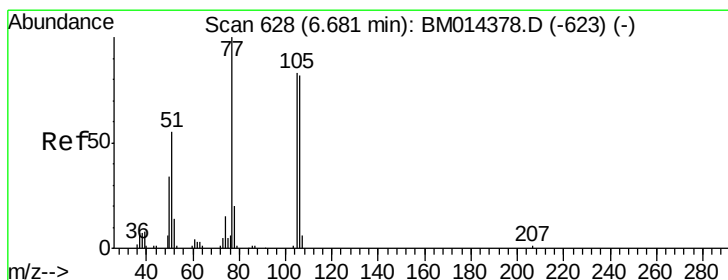
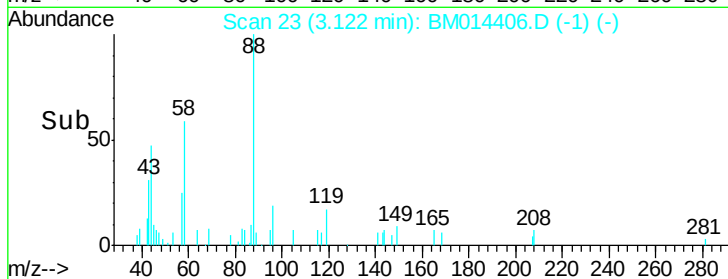
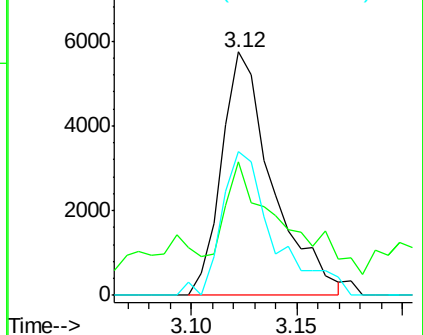
58 53.0 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM014406.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM014406.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM014406.D (-1) (-)



#4

Benzaldehyde

Concen: 23.137 ng/uL

RT: 6.68 min Scan# 628

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

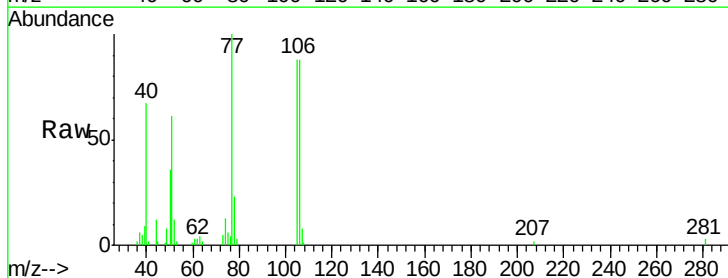
Tgt Ion: 77 Resp: 47714

Ion Ratio Lower Upper

77 100

105 88.3 66.1 99.1

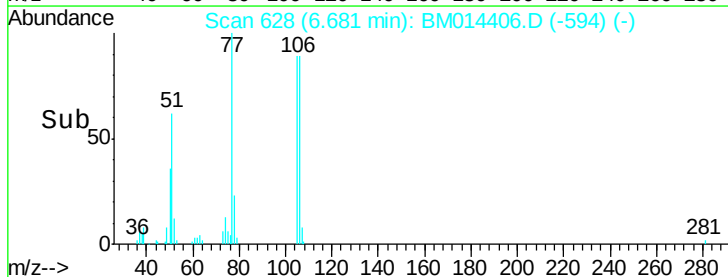
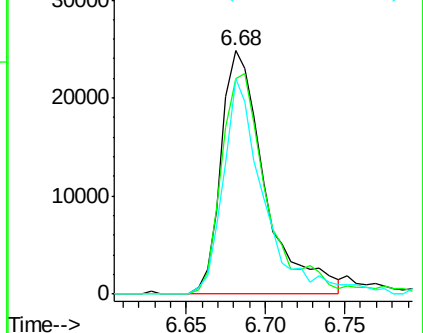
106 88.3 67.8 101.6

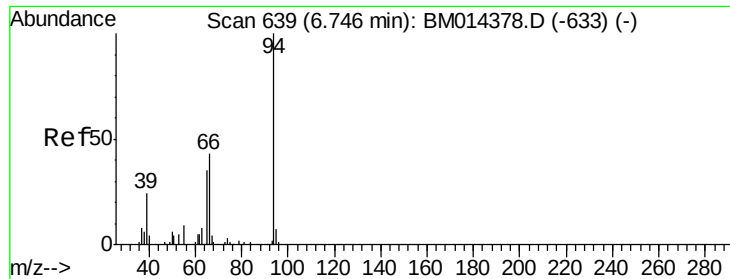


Abundance Ion 77.00 (76.70 to 77.70): BM014406.D (-594) (-)

Ion 105.00 (104.70 to 105.70): BM014406.D (-594) (-)

Ion 106.00 (105.70 to 106.70): BM014406.D (-594) (-)





#6

Phenol

Concen: 19.902 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

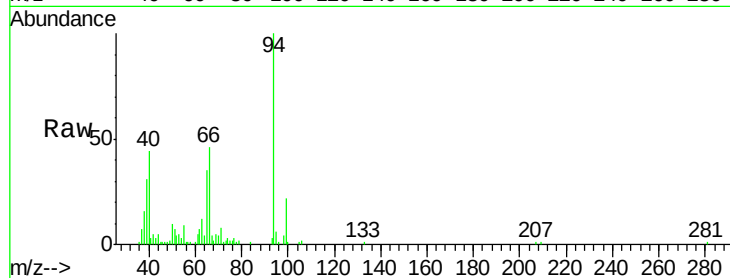
Tot Ion: 94 Resp: 105634

Ion Ratio Lower Upper

94 100

65 35.0 28.2 42.4

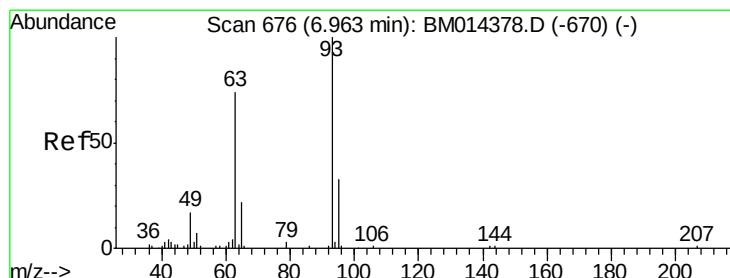
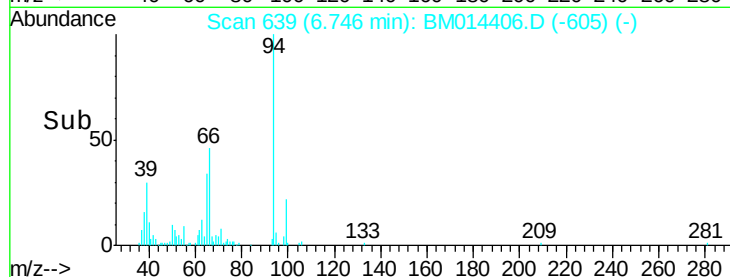
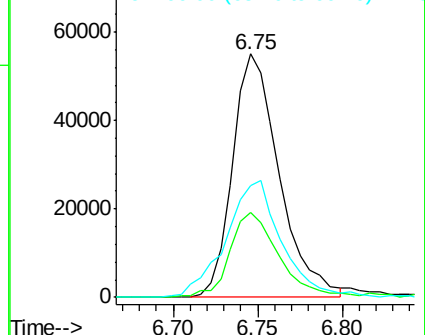
66 46.1 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM014406.D (-605) (-)

Ion 65.00 (64.70 to 65.70): BM014406.D (-605) (-)

Ion 66.00 (65.70 to 66.70): BM014406.D (-605) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.748 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

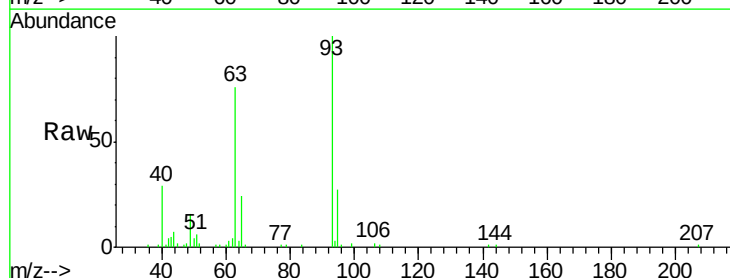
Tgt Ion: 93 Resp: 76054

Ion Ratio Lower Upper

93 100

63 76.0 57.3 85.9

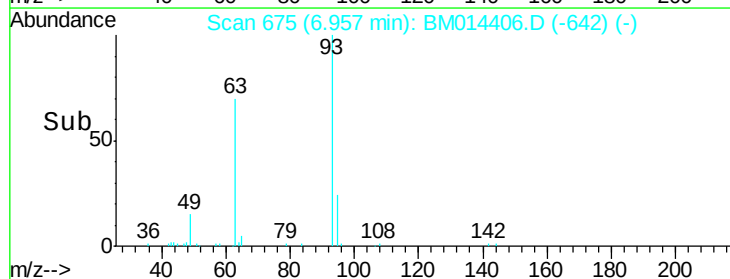
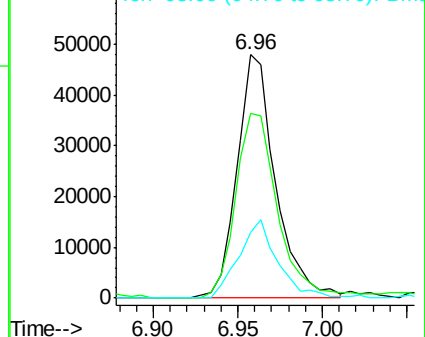
95 27.2 26.6 39.8

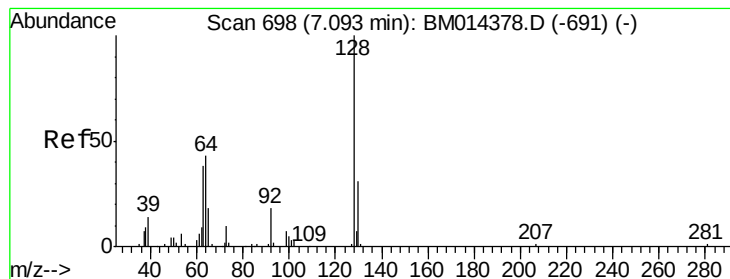


Abundance Ion 93.00 (92.70 to 93.70): BM014406.D (-642) (-)

Ion 63.00 (62.70 to 63.70): BM014406.D (-642) (-)

Ion 95.00 (94.70 to 95.70): BM014406.D (-642) (-)





#10

2-Chlorophenol

Concen: 19.843 ng/ul

RT: 7.09 min Scan# 697

Delta R.T. -0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

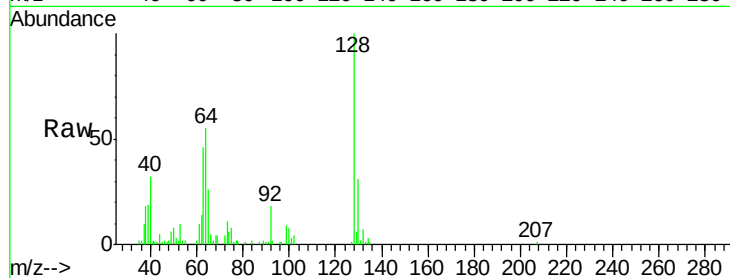
Tot Ion:128 Resp: 78579

Ion Ratio Lower Upper

128 100

64 54.7 38.0 57.0

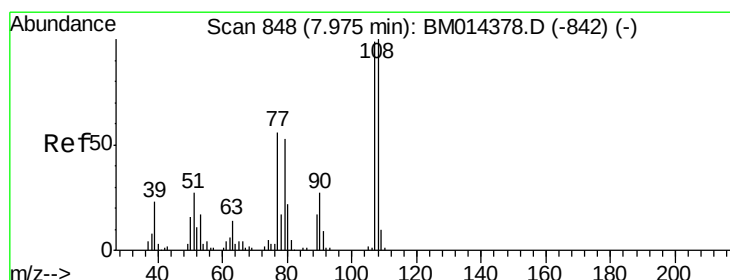
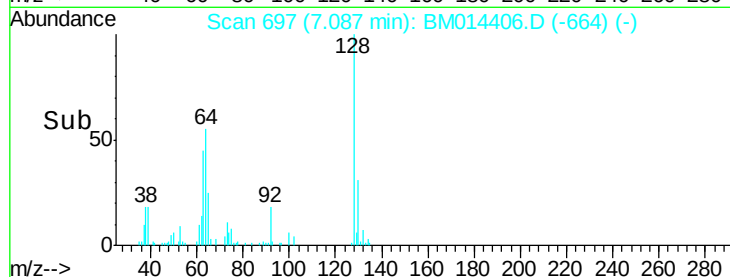
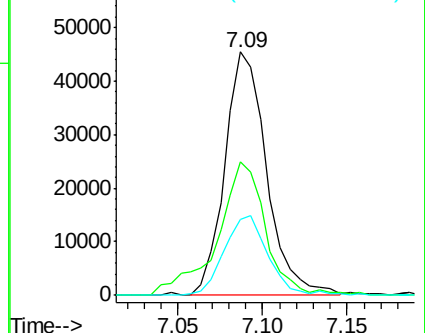
130 31.3 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM014406.D (-664) (-)

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.797 ng/ul

RT: 7.98 min Scan# 849

Delta R.T. 0.01 min

Lab File: BM014406.D

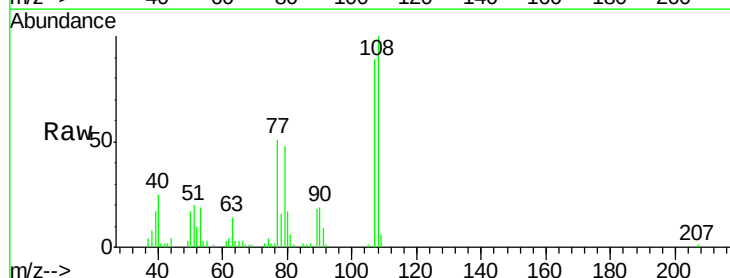
Acq: 28 Feb 2018 17:42

Tgt Ion:108 Resp: 84431

Ion Ratio Lower Upper

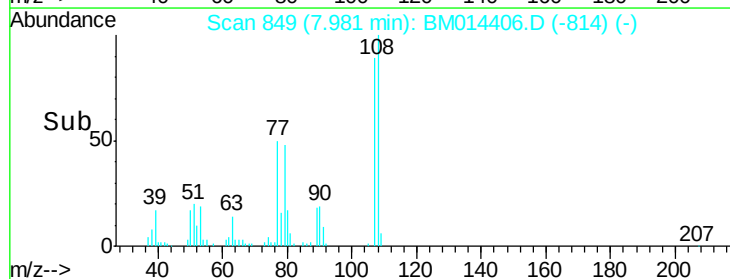
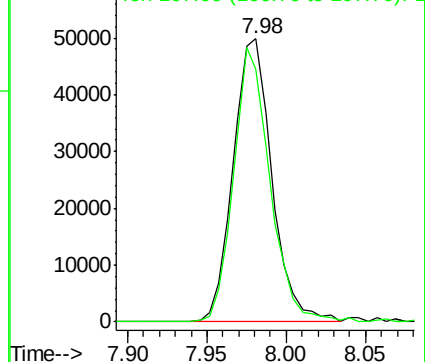
108 100

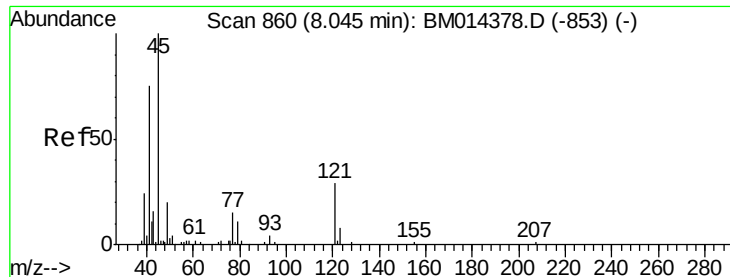
107 89.3 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

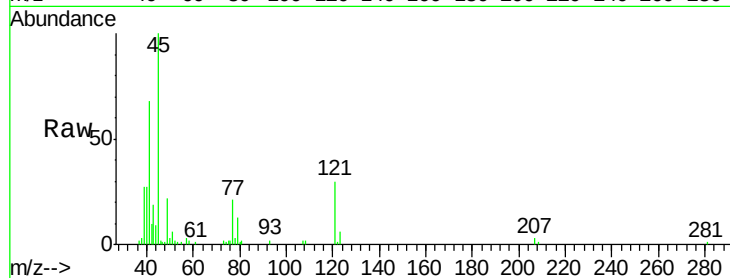




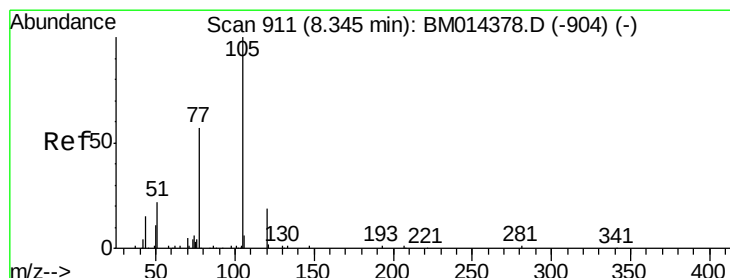
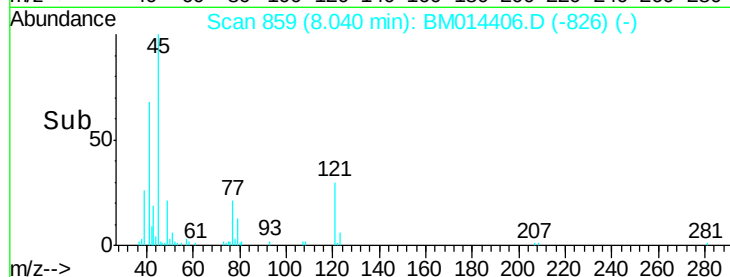
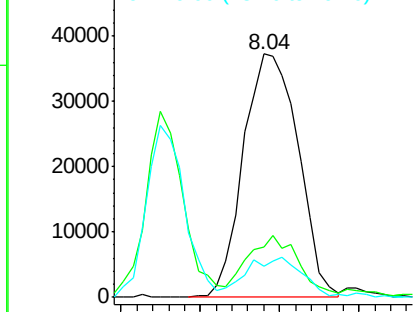
#12  
2,2'-oxybis(1-Chloropropane)  
Concen: 23.065 ng/ul  
RT: 8.04 min Scan# 859  
Delta R.T. -0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

Tot Ion: 45 Resp: 89640  
Ion Ratio Lower Upper  
45 100  
77 20.8 8.0 12.0#  
79 12.8 8.0 12.0#

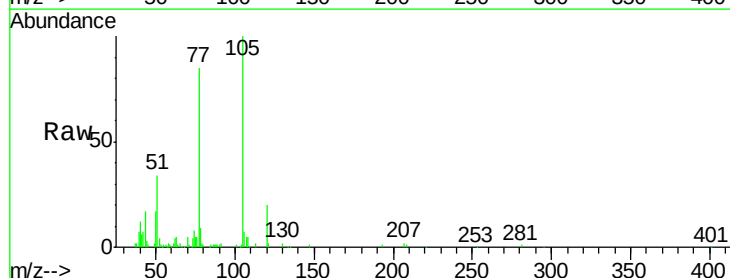


Abundance Ion 45.00 (44.70 to 45.70): BM014378.D (-853) (-)  
Ion 77.00 (76.70 to 77.70): BM014378.D (-853) (-)  
Ion 79.00 (78.70 to 79.70): BM014378.D (-853) (-)

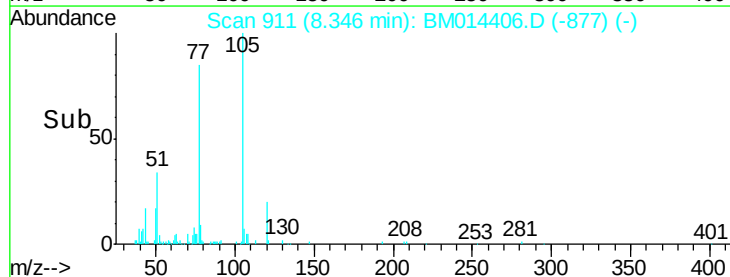
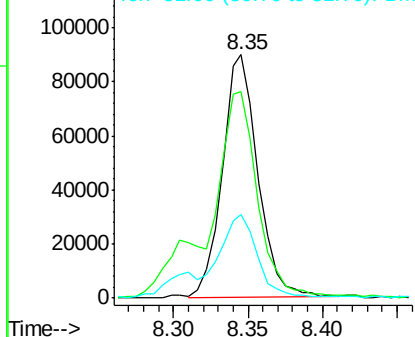


#14  
Acetophenone  
Concen: 19.558 ng/ul  
RT: 8.35 min Scan# 911  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

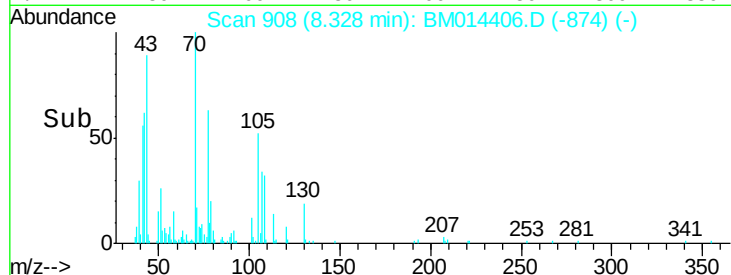
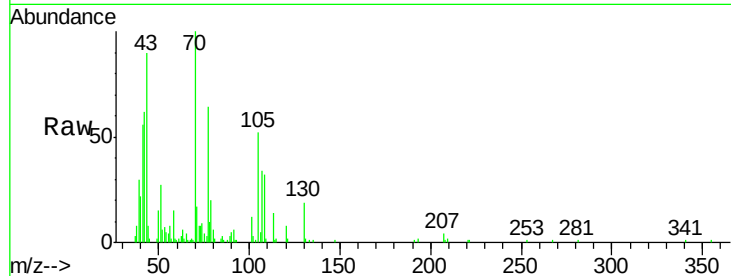
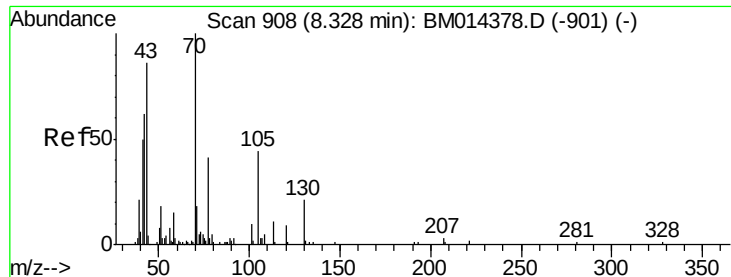
Tgt Ion: 105 Resp: 149344  
Ion Ratio Lower Upper  
105 100  
77 85.1 74.2 111.4  
51 34.4 23.4 35.2



Abundance Ion 105.00 (104.70 to 105.70): BM014378.D (-904) (-)  
Ion 77.00 (76.70 to 77.70): BM014378.D (-904) (-)  
Ion 51.00 (50.70 to 51.70): BM014378.D (-904) (-)







#15

N-Nitroso-di-n-propylamine

Concen: 20.695 ng/ul

RT: 8.33 min Scan# 908

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

Tot Ion: 70 Resp: 79190

Ion Ratio Lower Upper

70 100

42 62.4 76.0 114.0#

101 11.6 6.7 10.1#

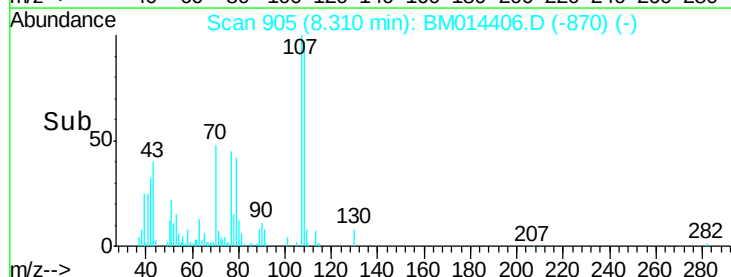
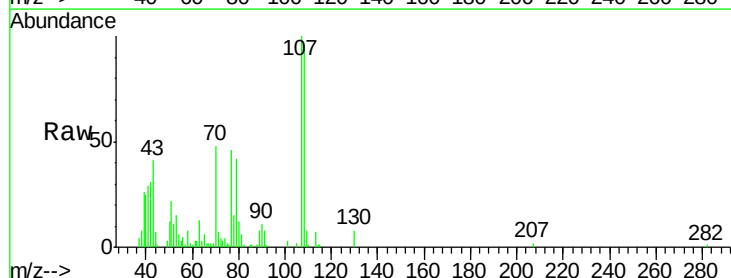
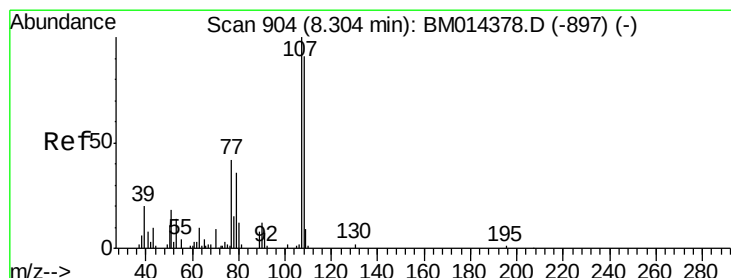
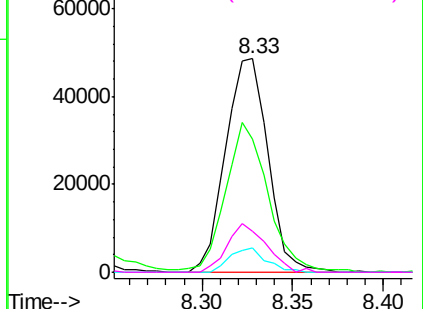
130 18.9 14.6 22.0

Abundance Ion 70.00 (69.70 to 70.70): BM014378.D (-901) (-)

Ion 42.00 (41.70 to 42.70): BM014378.D (-901) (-)

Ion 101.00 (100.70 to 101.70): BM014378.D (-901) (-)

Ion 130.00 (129.70 to 130.70): BM014378.D (-901) (-)



#16

4-Methylphenol

Concen: 21.101 ng/ul

RT: 8.31 min Scan# 905

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Tgt Ion: 108 Resp: 93350

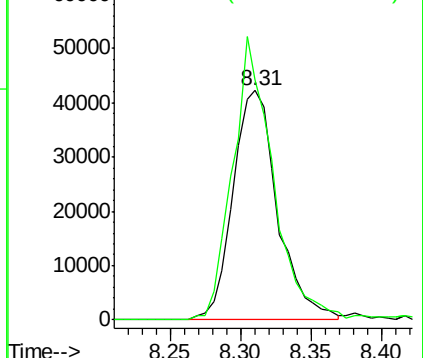
Ion Ratio Lower Upper

108 100

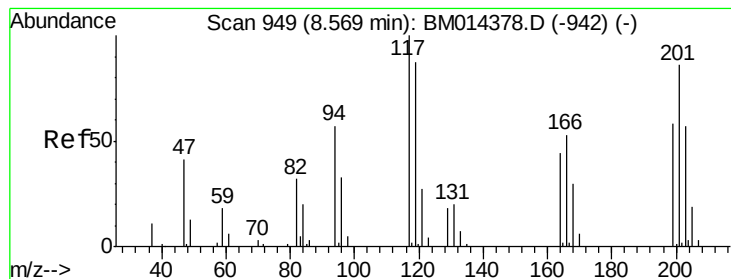
107 104.4 84.9 127.3

Abundance Ion 108.00 (107.70 to 108.70): BM014378.D (-897) (-)

Ion 107.00 (106.70 to 107.70): BM014378.D (-897) (-)







#17

Hexachloroethane

Concen: 19.288 ng/ul

RT: 8.56 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

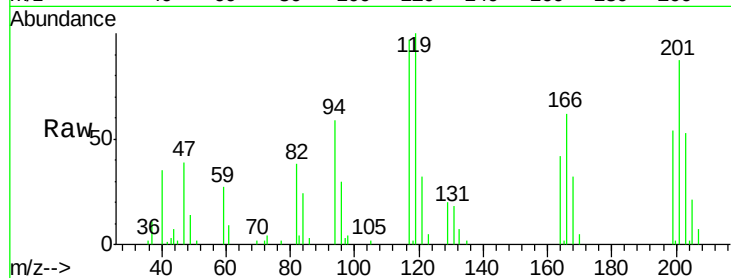
Tot Ion:117 Resp: 39789

Ion Ratio Lower Upper

117 100

201 89.9 111.6 167.4#

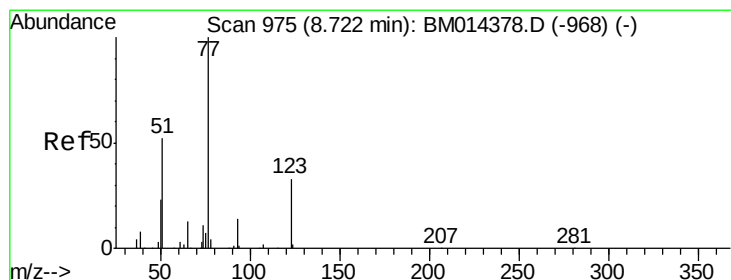
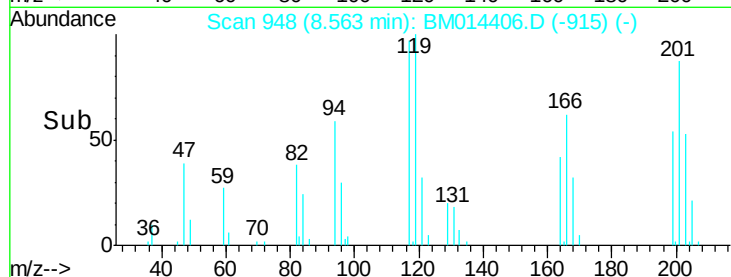
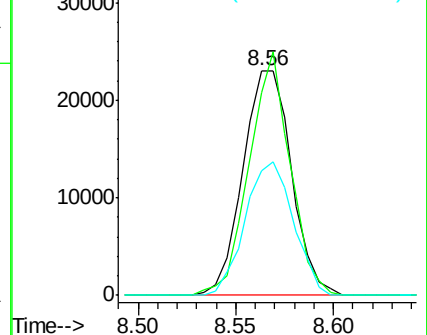
199 55.4 67.8 101.6#



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: 18.333 ng/ul

RT: 8.72 min Scan# 974

Delta R.T. -0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

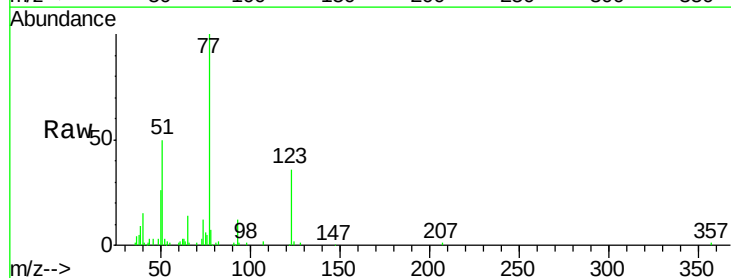
Tgt Ion: 77 Resp: 118845

Ion Ratio Lower Upper

77 100

123 36.0 31.0 46.6

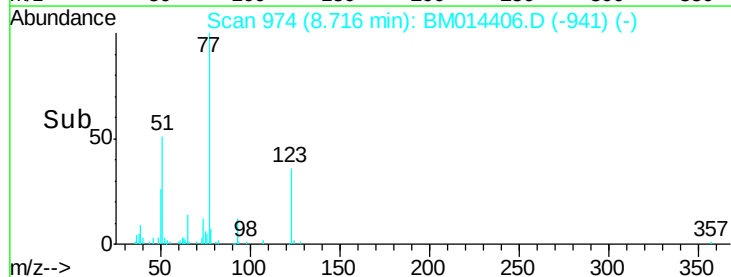
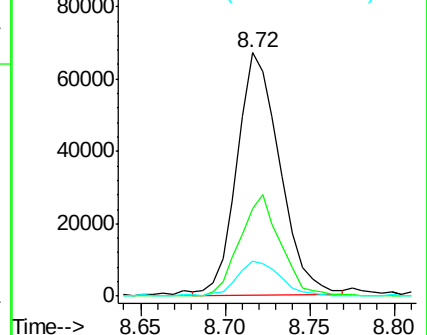
65 14.4 12.2 18.2

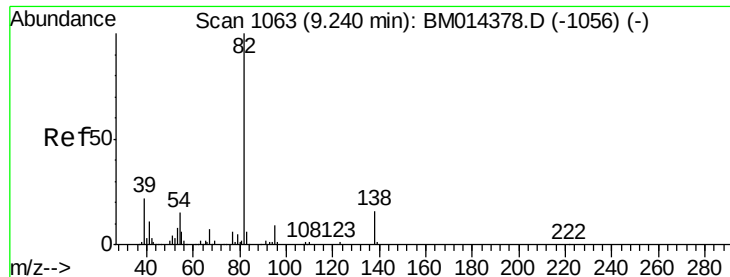


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 20.893 ng/ul

RT: 9.24 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

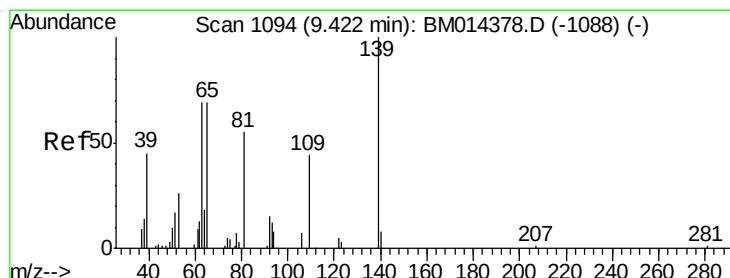
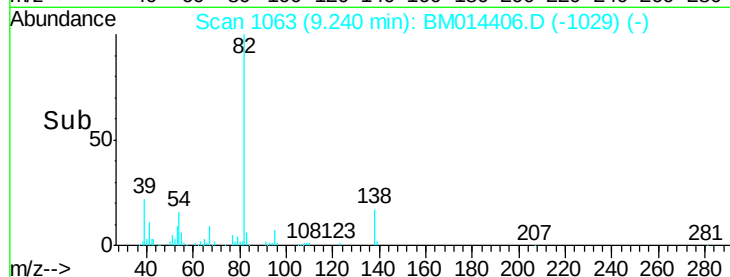
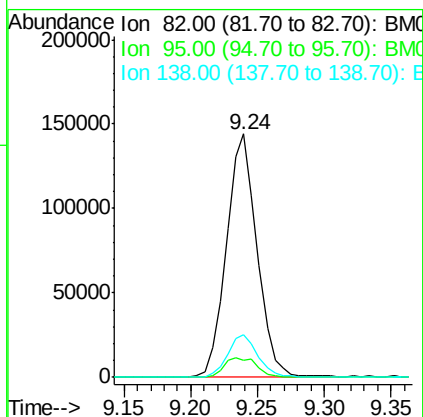
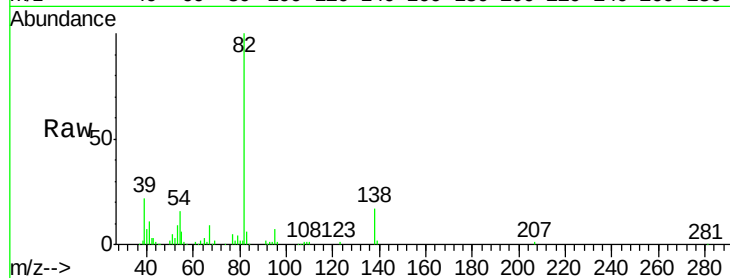
Tot Ion: 82 Resp: 231662

Ion Ratio Lower Upper

82 100

95 6.8 7.8 11.8#

138 17.3 11.9 17.9



#23

2-Nitrophenol

Concen: 20.961 ng/ul

RT: 9.42 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

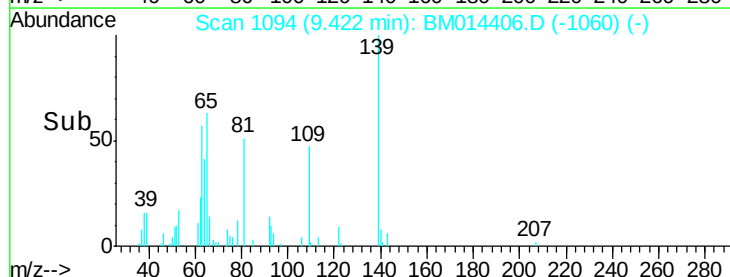
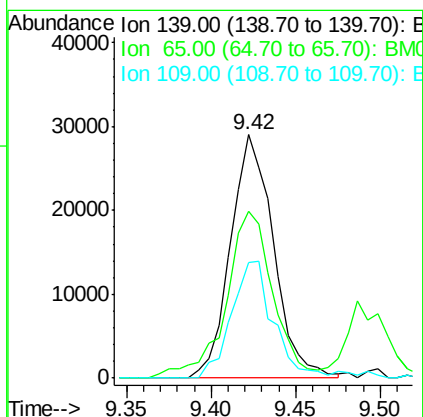
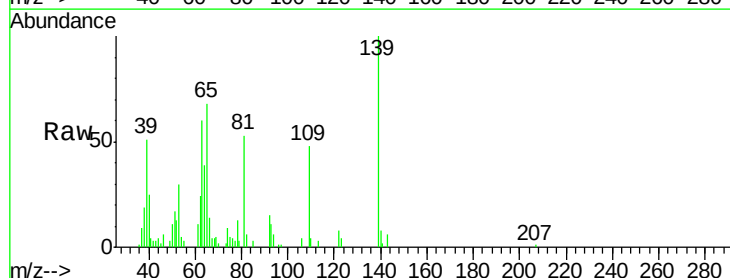
Tgt Ion: 139 Resp: 51505

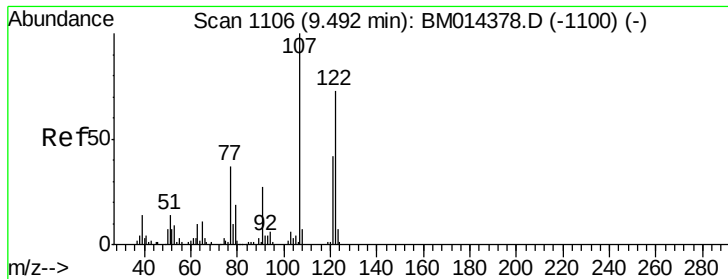
Ion Ratio Lower Upper

139 100

65 68.3 55.4 83.0

109 47.7 42.2 63.2

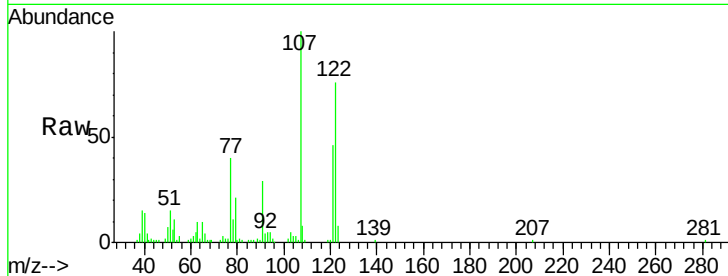




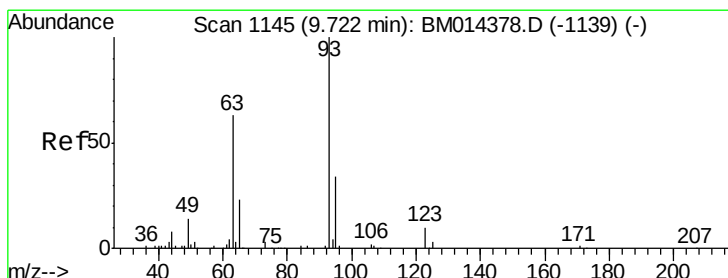
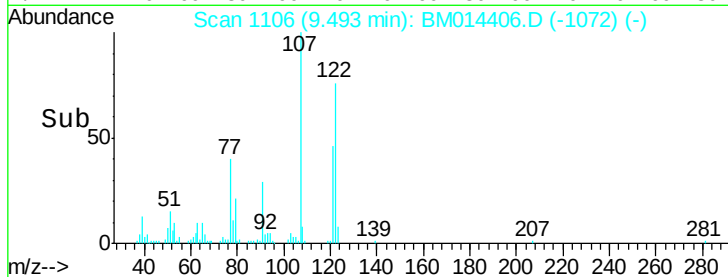
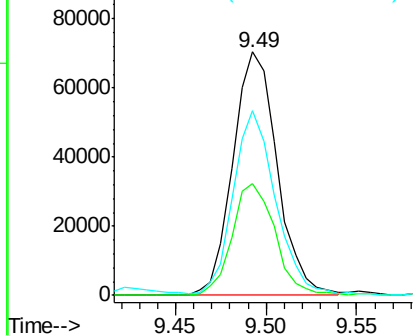
#24  
 2,4-Dimethylphenol  
 Concen: 19.916 ng/ul  
 RT: 9.49 min Scan# 1106  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

Tot Ion: 107 Resp: 119975  
 Ion Ratio Lower Upper  
 107 100  
 121 46.1 31.9 47.9  
 122 76.1 57.8 86.6

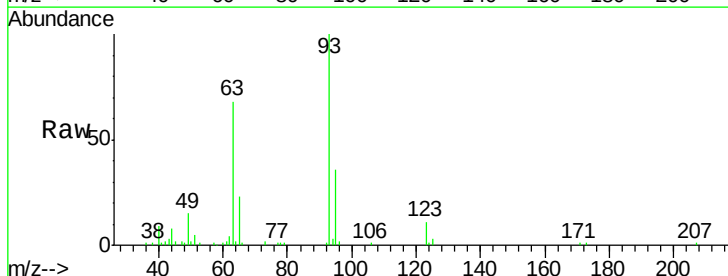


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E  
 Ion 122.00 (121.70 to 122.70): E

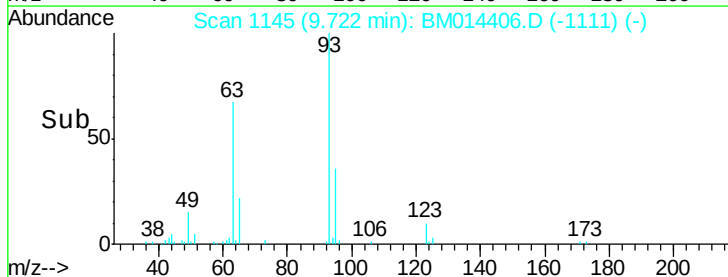
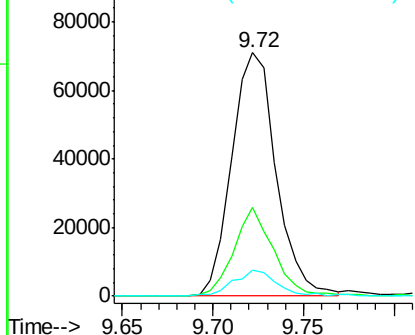


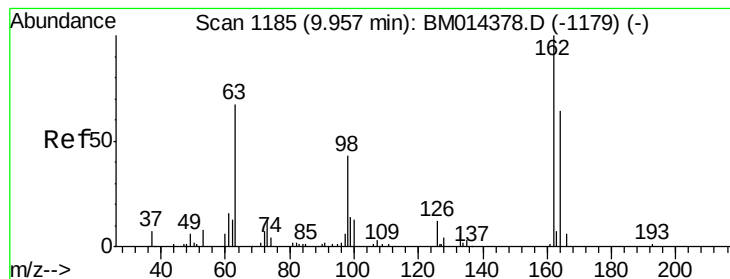
#25  
 Bis(2-Chloroethoxy)methane  
 Concen: 20.788 ng/ul  
 RT: 9.72 min Scan# 1145  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

Tgt Ion: 93 Resp: 121415  
 Ion Ratio Lower Upper  
 93 100  
 95 36.5 28.5 42.7  
 123 10.9 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: 20.502 ng/ul

RT: 9.96 min Scan# 1186

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

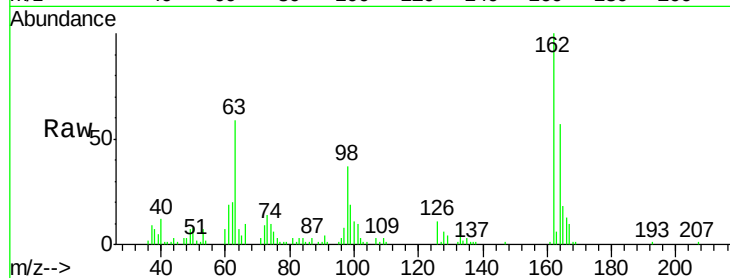
Tot Ion:162 Resp: 91404

Ion Ratio Lower Upper

162 100

164 56.6 47.8 71.6

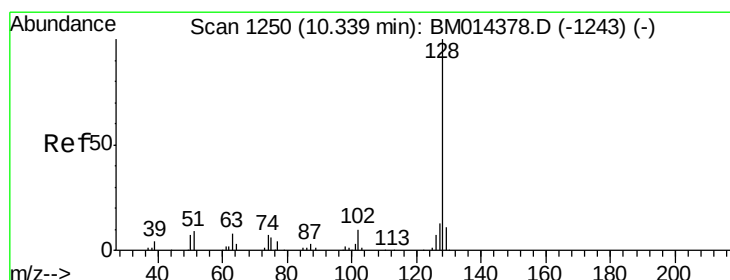
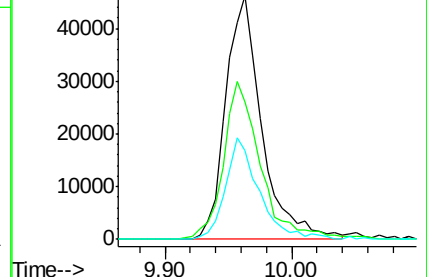
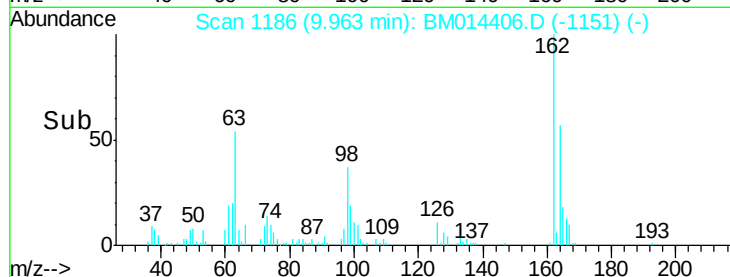
98 36.5 23.0 34.4#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.632 ng/ul

RT: 10.34 min Scan# 1250

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

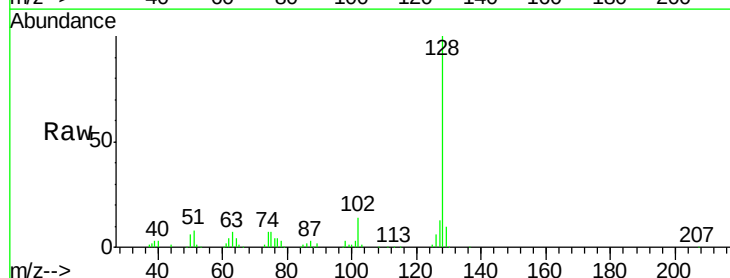
Tgt Ion:128 Resp: 299077

Ion Ratio Lower Upper

128 100

129 10.5 8.8 13.2

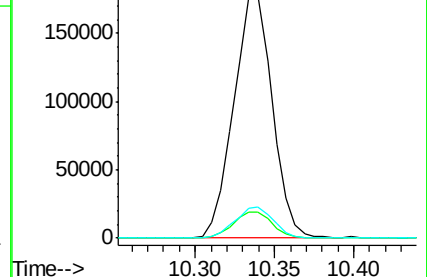
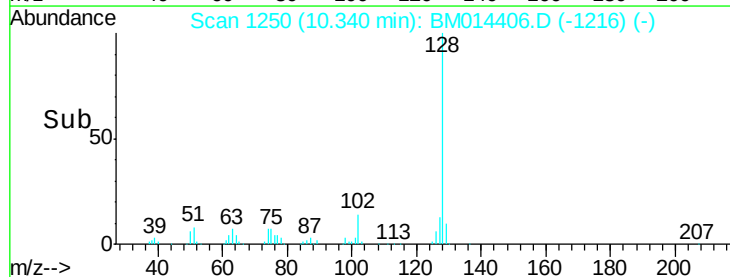
127 12.6 10.6 16.0

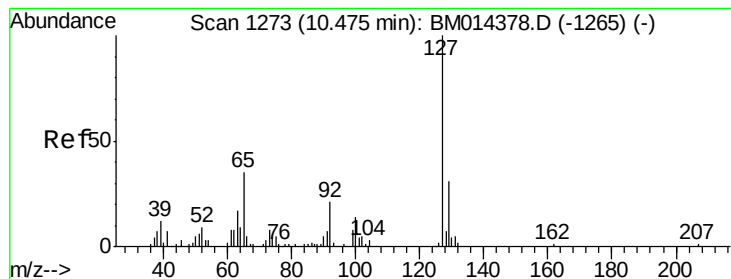


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#30

4-Chloroaniline

Concen: 23.517 ng/ul

RT: 10.47 min Scan# 1273

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

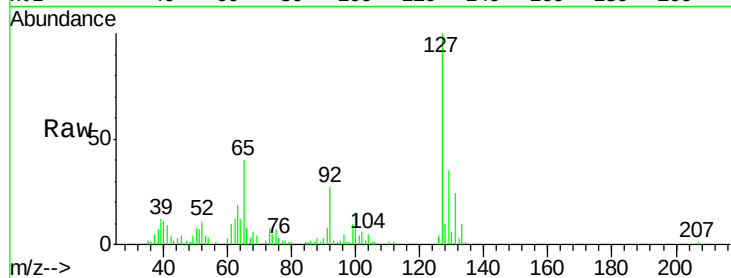
SSTD02008

Tot Ion:127 Resp: 111031

Ion Ratio Lower Upper

127 100

129 35.2 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

60000

50000

40000

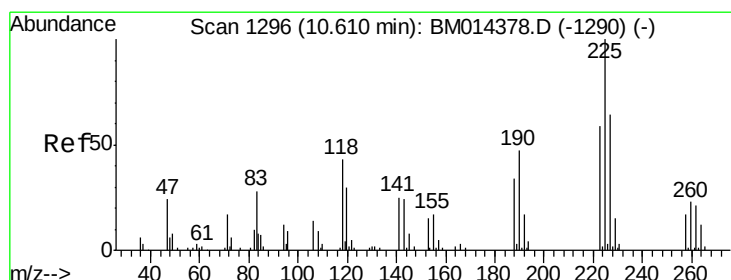
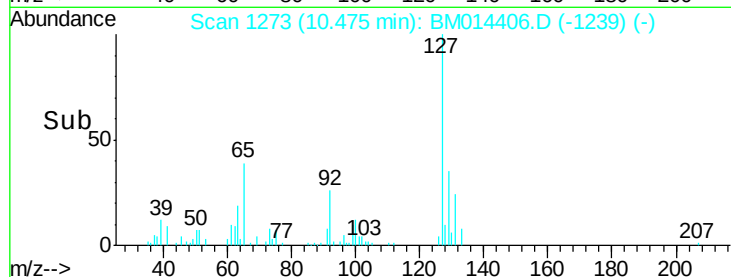
30000

20000

10000

0

Time--> 10.40 10.45 10.50 10.55



#31

Hexachlorobutadiene

Concen: 17.472 ng/ul

RT: 10.61 min Scan# 1296

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

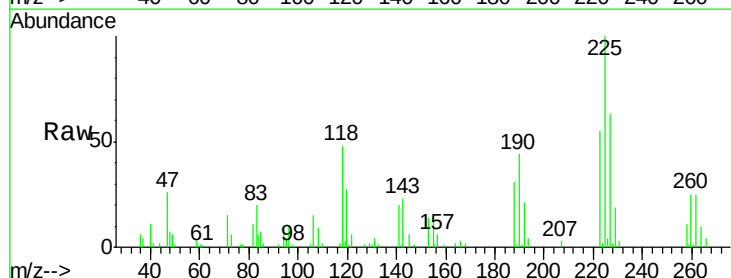
Tgt Ion:225 Resp: 61800

Ion Ratio Lower Upper

225 100

223 55.1 49.4 74.2

227 62.8 45.4 68.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

50000

40000

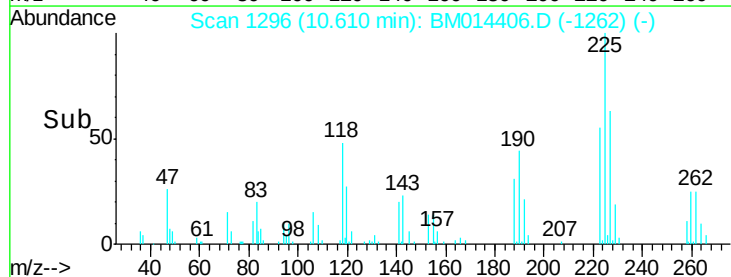
30000

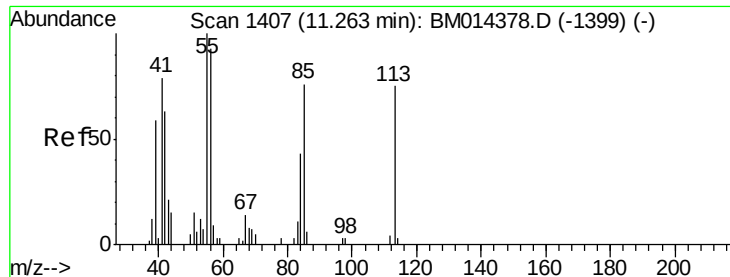
20000

10000

0

Time--> 10.55 10.60 10.65





#32

Caprolactam

Concen: 20.815 ng/ul

RT: 11.27 min Scan# 1408

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

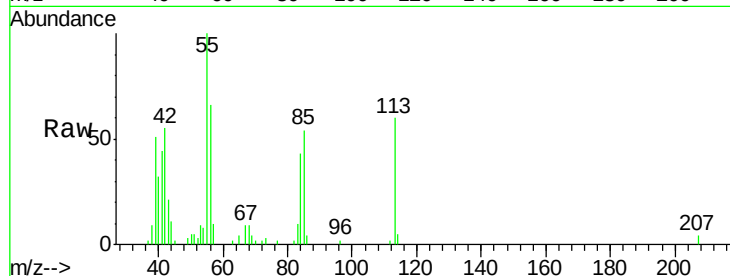
Tot Ion:113 Resp: 29723

Ion Ratio Lower Upper

113 100

55 166.9 208.0 312.0#

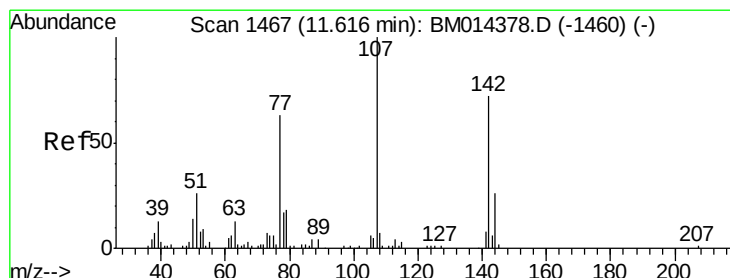
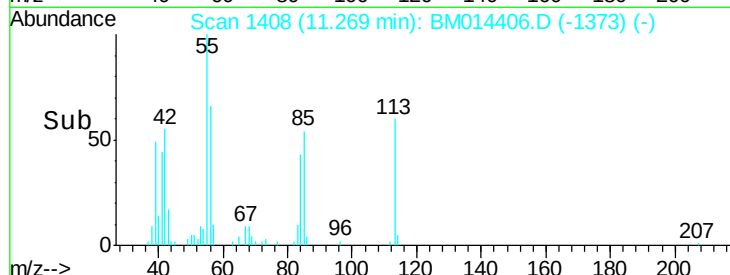
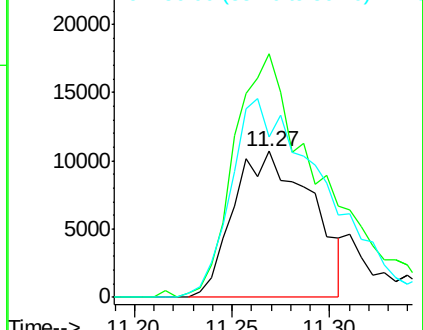
56 109.6 160.0 240.0#



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: 20.994 ng/ul

RT: 11.62 min Scan# 1468

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

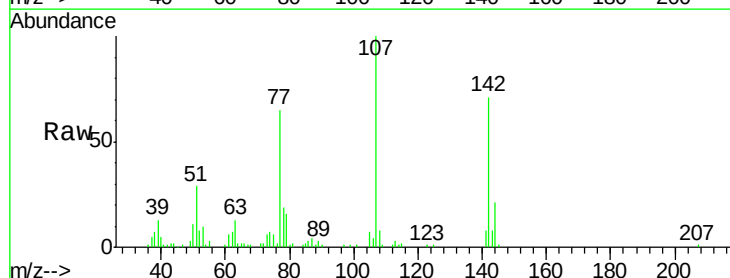
Tgt Ion:107 Resp: 113095

Ion Ratio Lower Upper

107 100

144 20.8 20.4 30.6

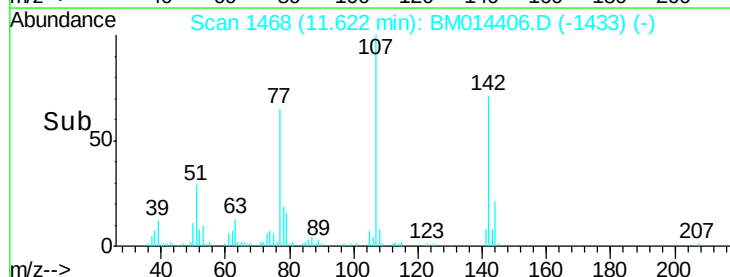
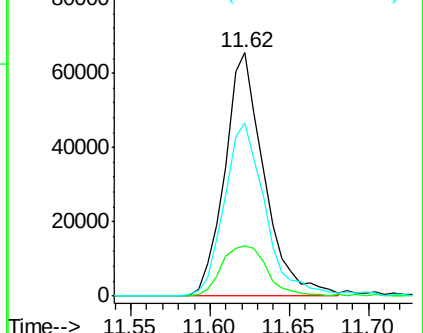
142 71.3 60.5 90.7

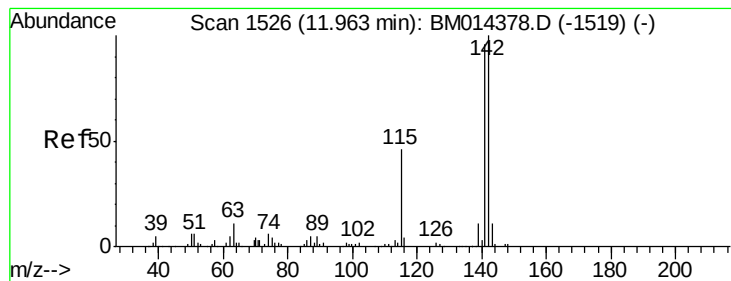


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 18.930 ng/ul

RT: 11.96 min Scan# 1526

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

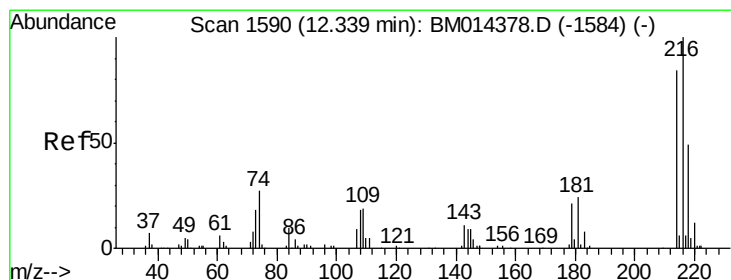
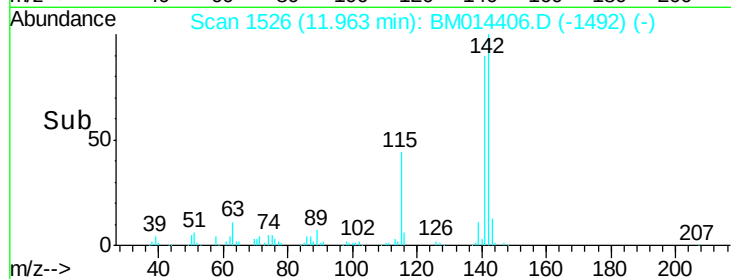
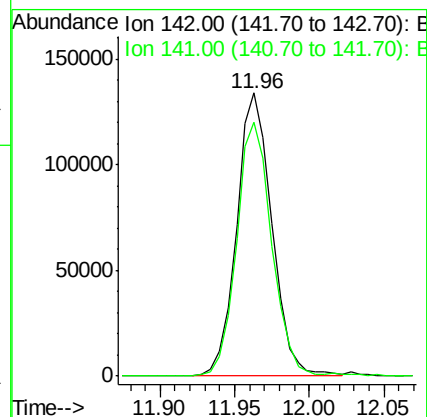
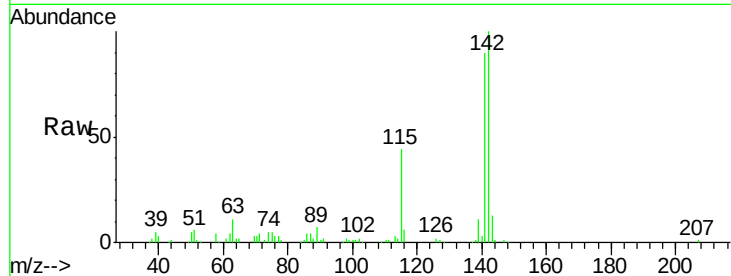
SSTD02008

Tot Ion:142 Resp: 219490

Ion Ratio Lower Upper

142 100

141 89.6 74.1 111.1



#36

1,2,4,5-Tetrachlorobenzene

Concen: 18.974 ng/ul

RT: 12.34 min Scan# 1590

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Tgt Ion:216 Resp: 121756

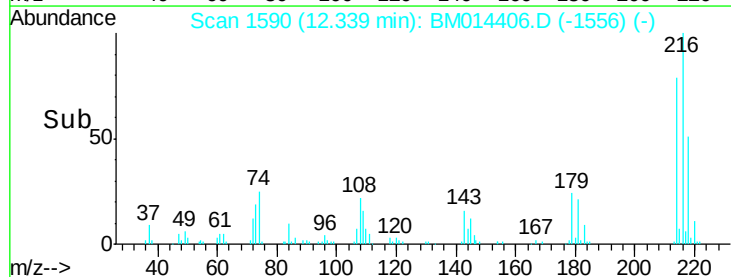
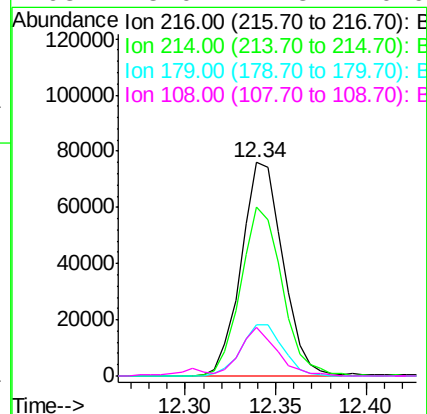
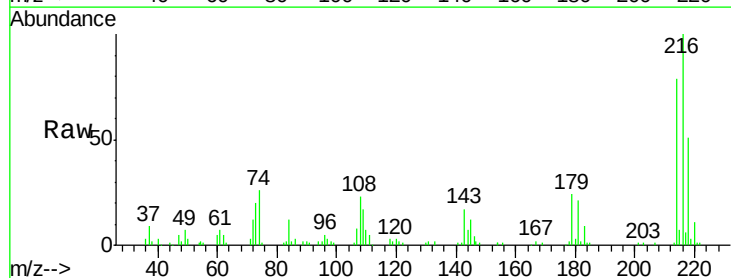
Ion Ratio Lower Upper

216 100

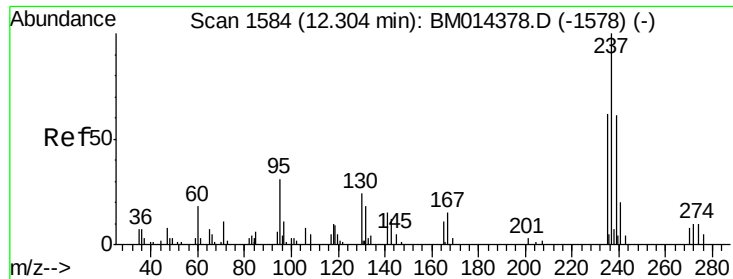
214 78.9 60.6 90.8

179 24.3 17.5 26.3

108 23.0 11.3 16.9#



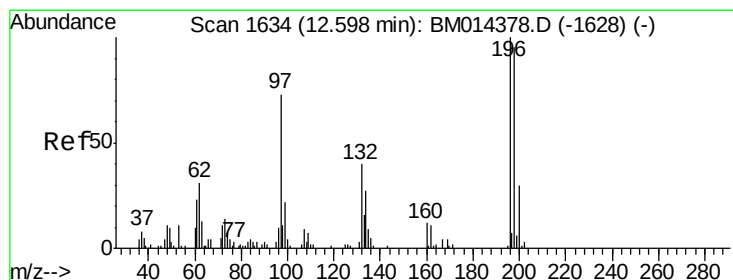
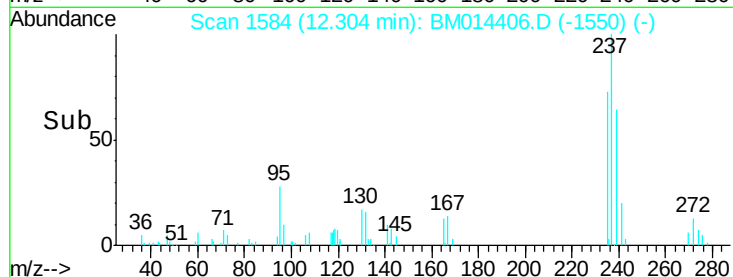
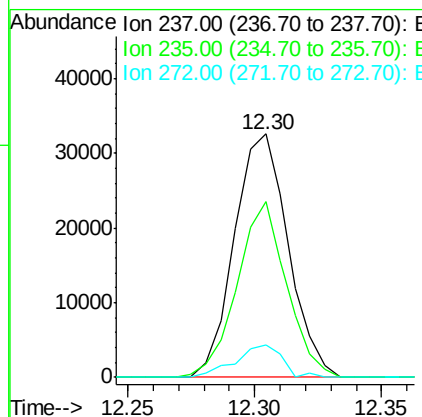
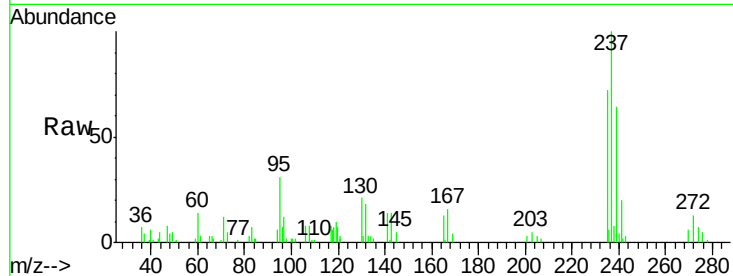




#37  
Hexachlorocyclopentadiene  
Concen: 13.783 ng/ul  
RT: 12.30 min Scan# 1584  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

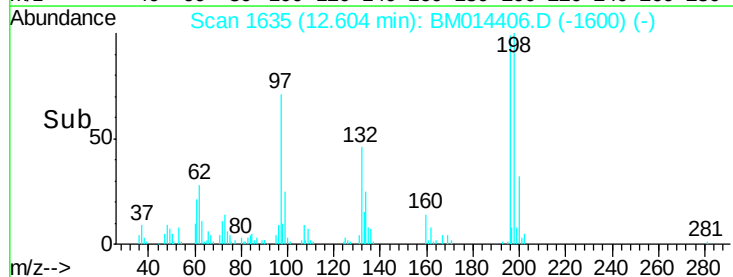
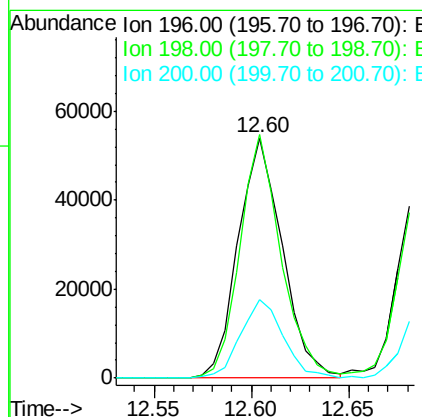
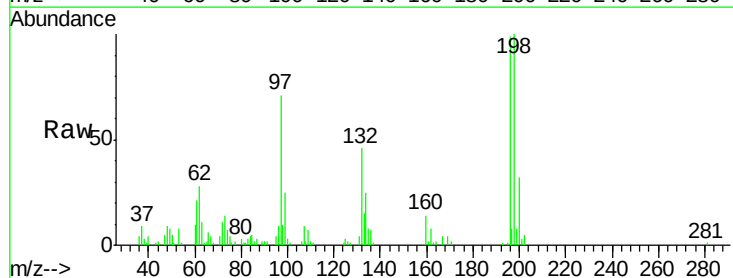
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

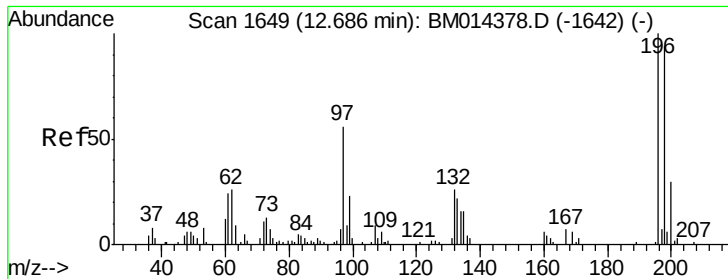
Tot Ion:237 Resp: 48133  
Ion Ratio Lower Upper  
237 100  
235 78.1 50.2 75.4#  
272 13.4 11.0 16.6



#38  
2,4,6-Trichlorophenol  
Concen: 21.194 ng/ul  
RT: 12.60 min Scan# 1635  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Tgt Ion:196 Resp: 84853  
Ion Ratio Lower Upper  
196 100  
198 101.4 74.1 111.1  
200 32.9 25.2 37.8

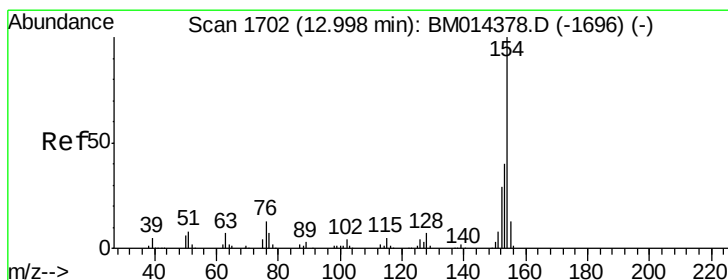
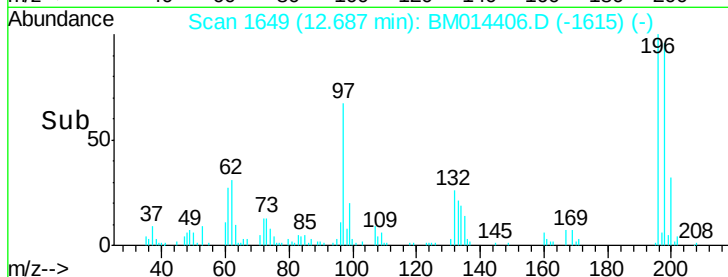
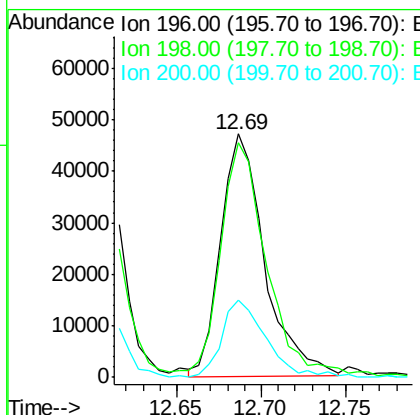
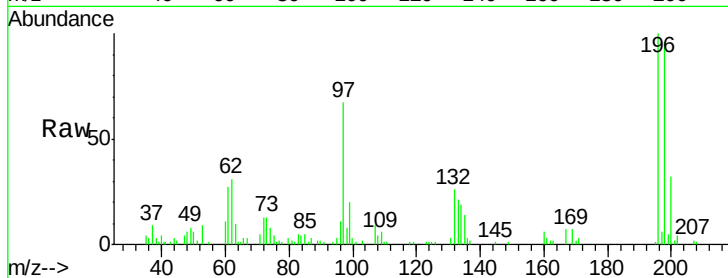




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.848 ng/ul  
 RT: 12.69 min Scan# 1649  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

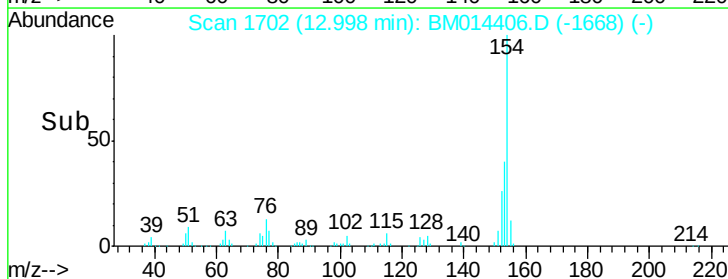
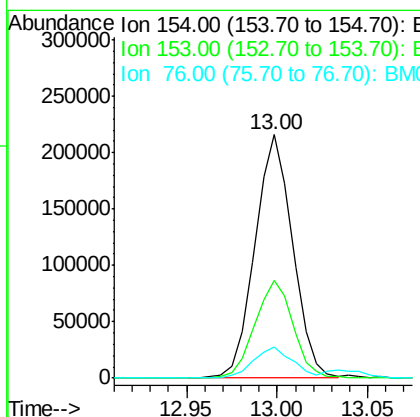
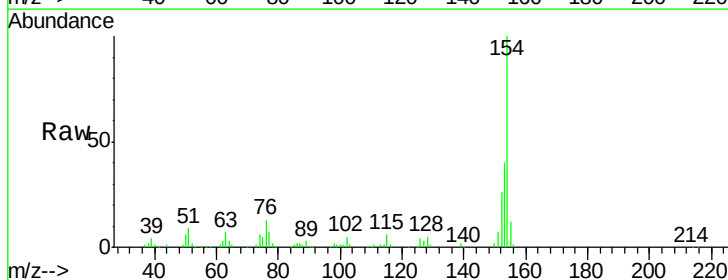
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

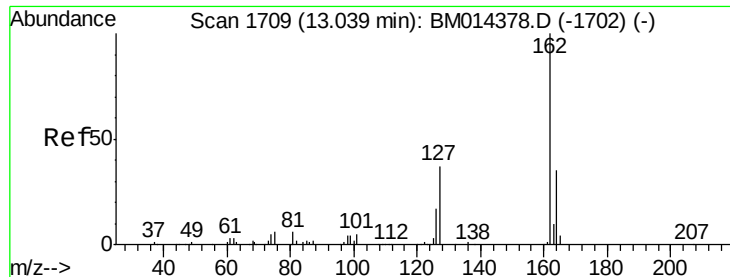
Tot Ion:196 Resp: 85296  
 Ion Ratio Lower Upper  
 196 100  
 198 96.2 75.6 113.4  
 200 31.7 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 20.264 ng/ul  
 RT: 13.00 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

Tgt Ion:154 Resp: 312050  
 Ion Ratio Lower Upper  
 154 100  
 153 39.9 32.6 48.8  
 76 12.5 8.5 12.7

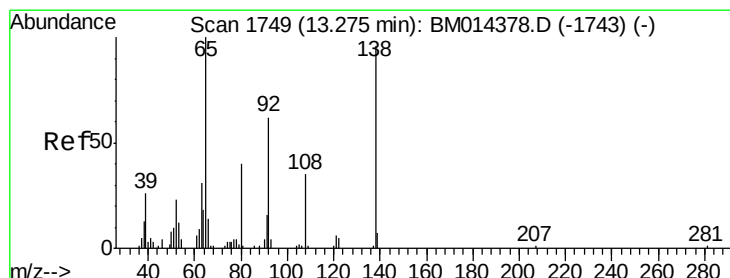
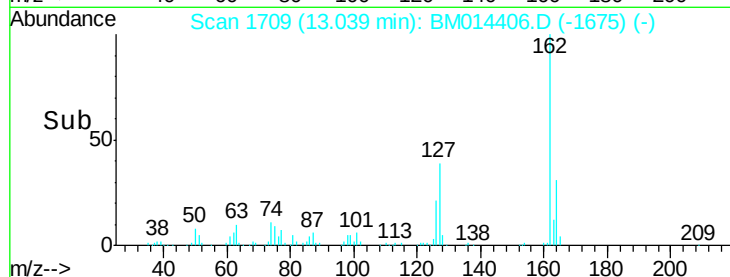
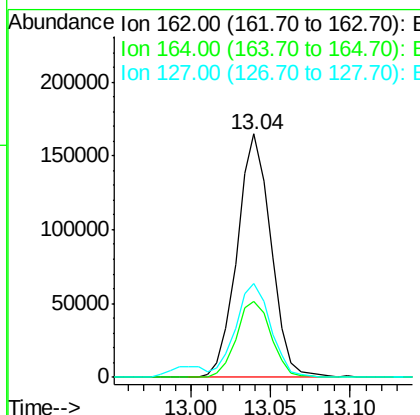
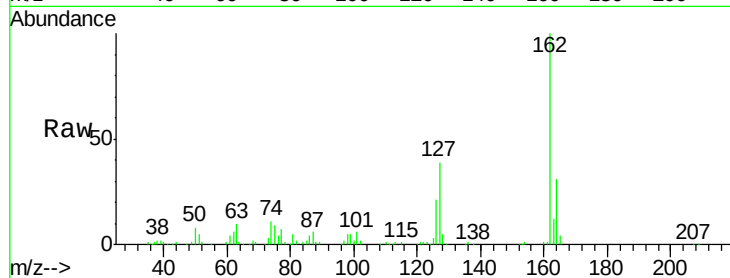




#41  
 2-Chloronaphthalene  
 Concen: 19.841 ng/ul  
 RT: 13.04 min Scan# 1709  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

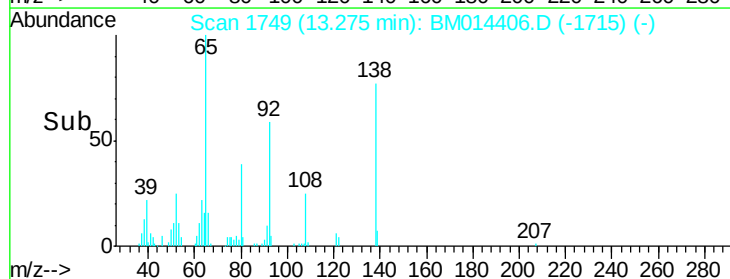
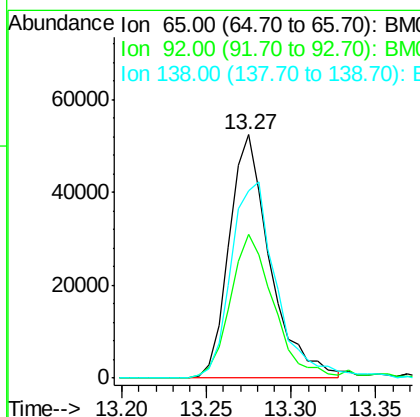
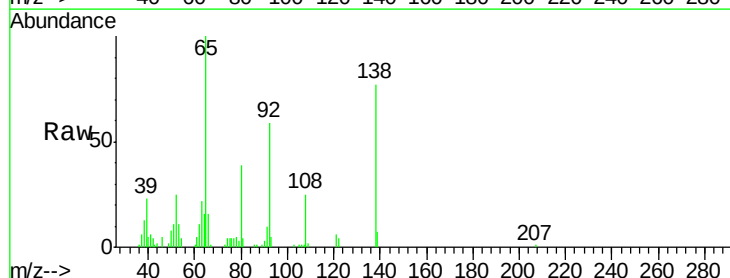
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

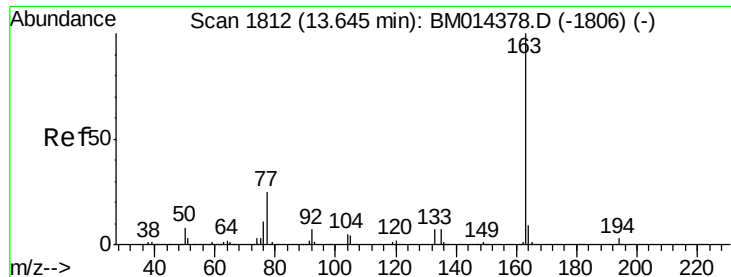
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.0  | 25.9  | 38.9  |
| 127     | 38.7  | 29.4  | 44.2  |



#42  
 2-Nitroaniline  
 Concen: 21.215 ng/ul  
 RT: 13.27 min Scan# 1749  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 59.0  | 51.8  | 77.6  |
| 138     | 76.7  | 74.2  | 111.4 |





#44

Dimethylphthalate

Concen: 20.816 ng/ul

RT: 13.65 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

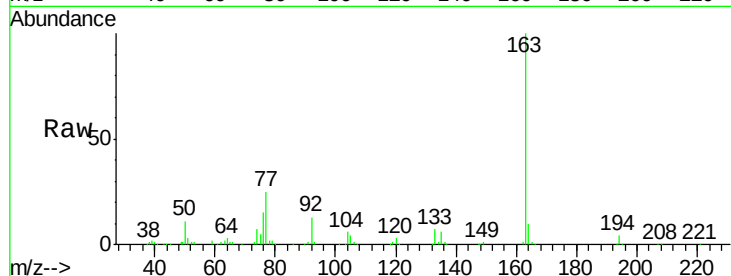
Tot Ion:163 Resp: 338870

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

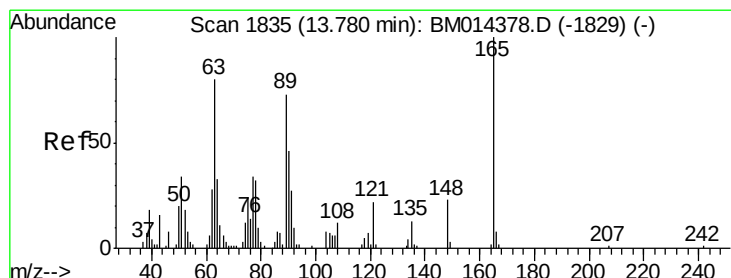
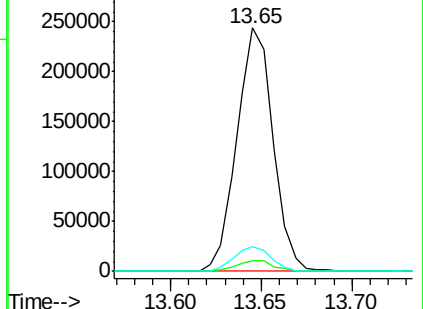
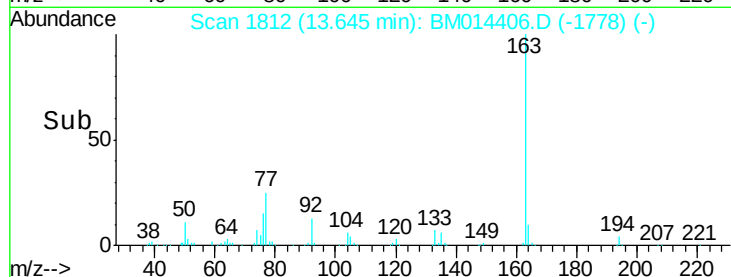
164 10.0 8.2 12.4



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: 22.270 ng/ul

RT: 13.78 min Scan# 1835

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

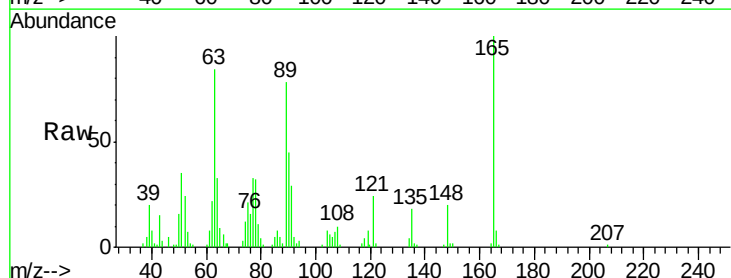
Tgt Ion:165 Resp: 68877

Ion Ratio Lower Upper

165 100

89 78.0 52.6 79.0

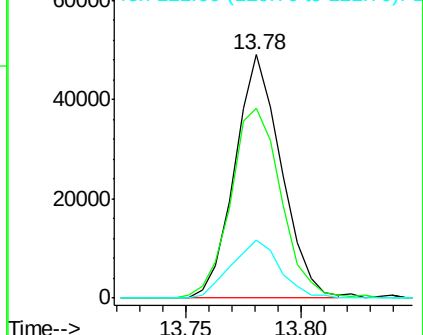
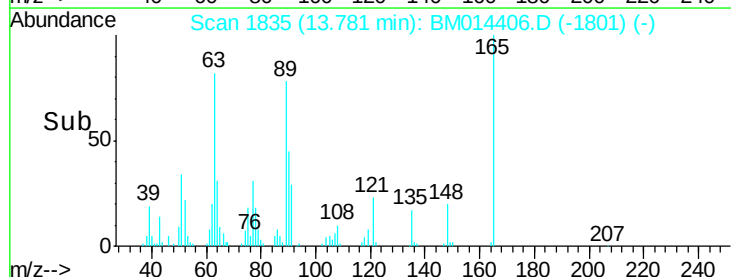
121 24.1 14.6 22.0#

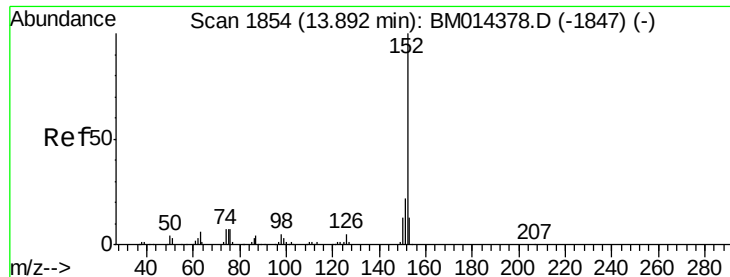


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.435 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

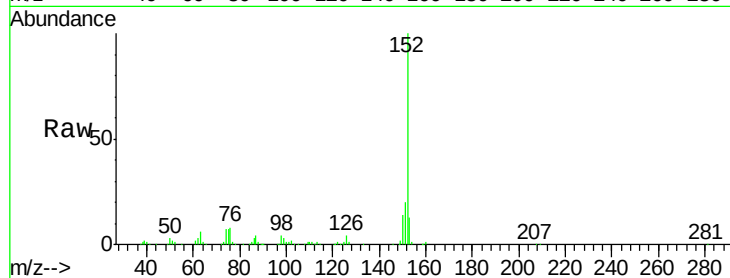
Tot Ion:152 Resp: 393196

Ion Ratio Lower Upper

152 100

151 19.7 16.3 24.5

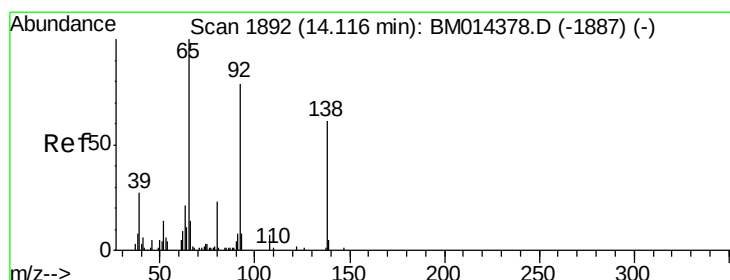
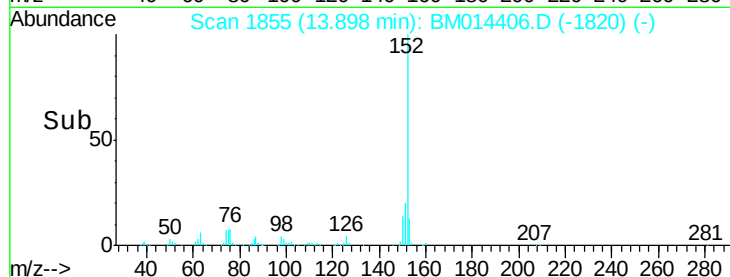
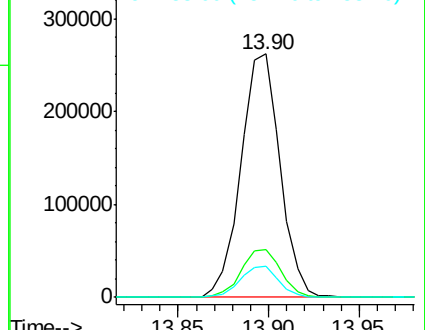
153 12.7 10.2 15.4



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: 21.808 ng/ul

RT: 14.12 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

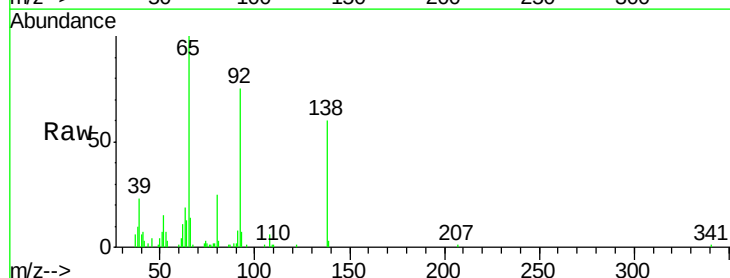
Tgt Ion:138 Resp: 57168

Ion Ratio Lower Upper

138 100

108 9.4 9.9 14.9#

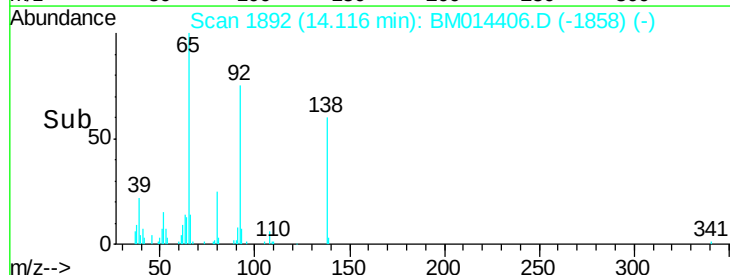
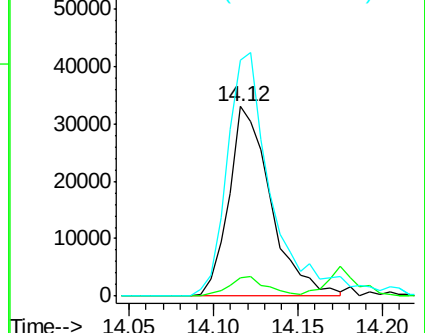
92 124.4 105.0 157.4

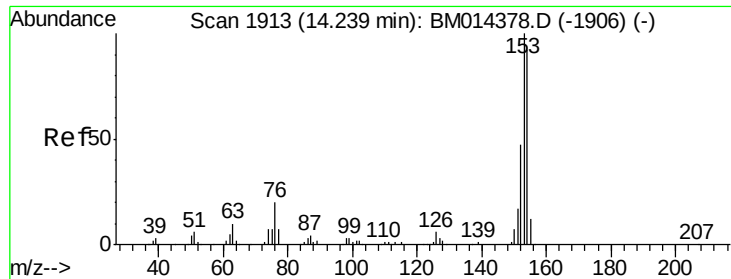


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.996 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

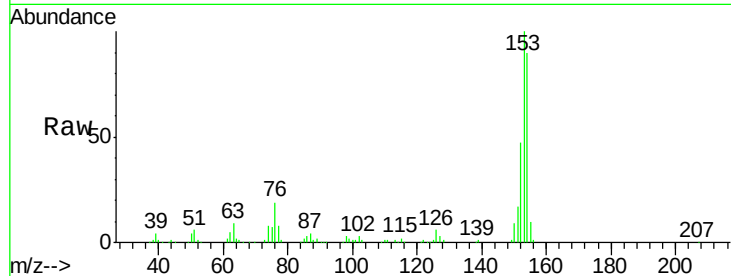
Tot Ion:153 Resp: 270924

Ion Ratio Lower Upper

153 100

152 47.2 37.6 56.4

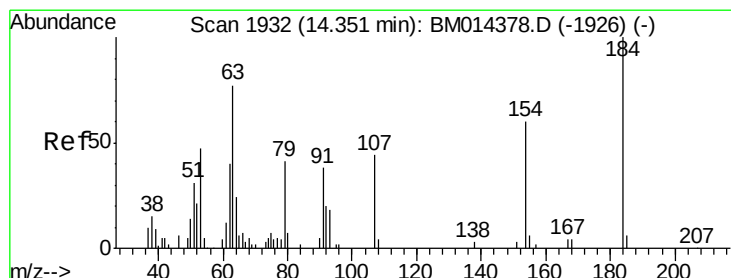
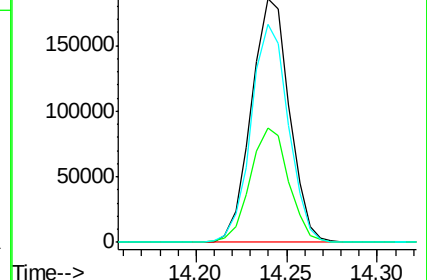
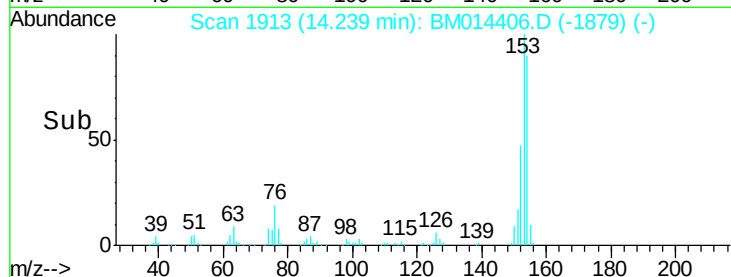
154 89.8 70.4 105.6



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: 23.645 ng/ul

RT: 14.35 min Scan# 1932

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

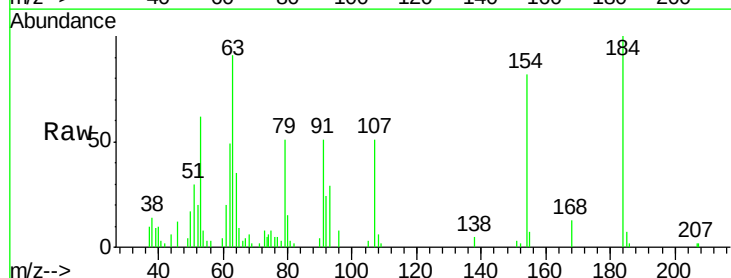
Tgt Ion:184 Resp: 39332

Ion Ratio Lower Upper

184 100

63 90.8 50.1 75.1#

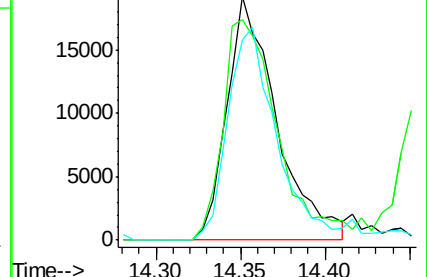
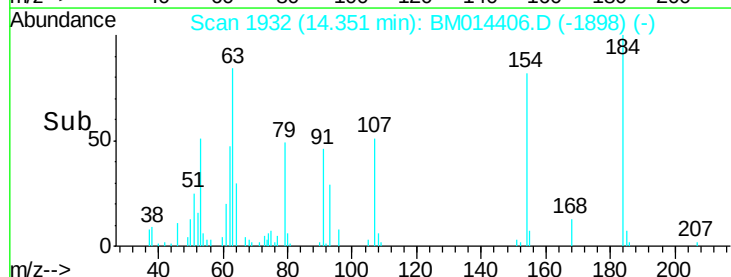
154 82.1 54.5 81.7#

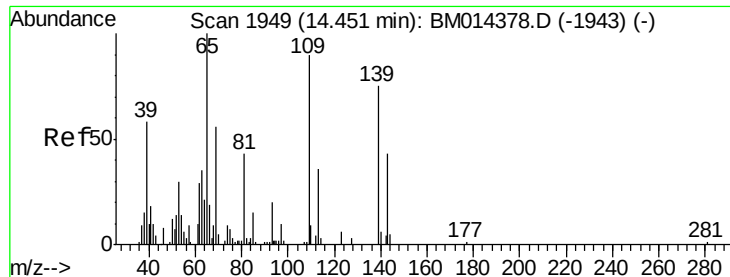


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E

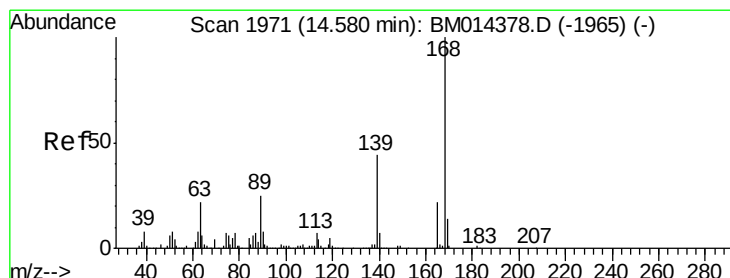
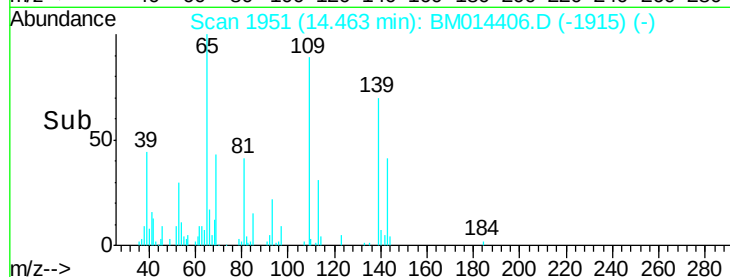
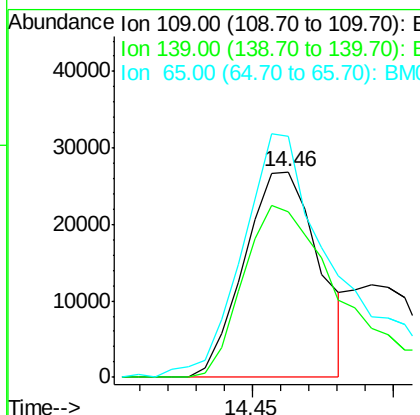
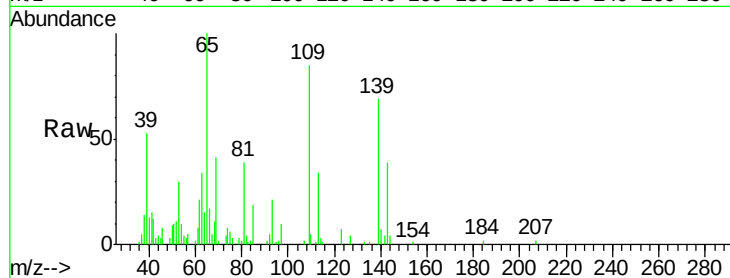




#52  
4-Nitrophenol  
Concen: 16.537 ng/ul  
RT: 14.46 min Scan# 1951  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

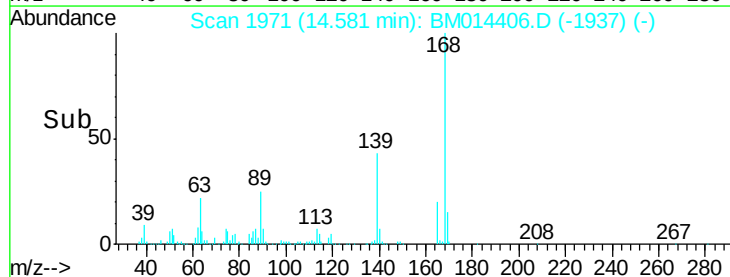
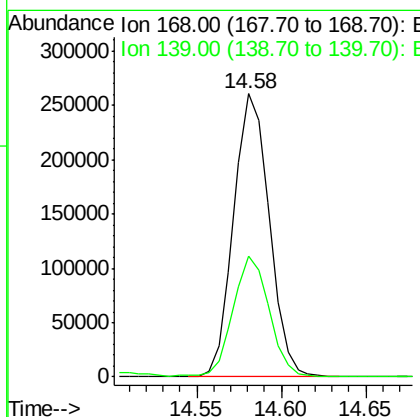
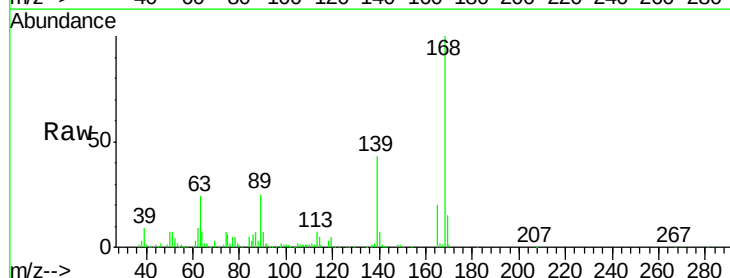
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

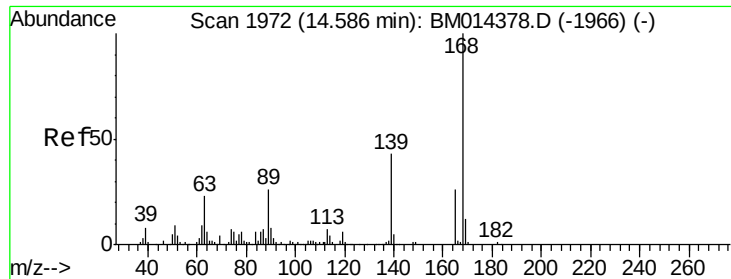
Tot Ion:109 Resp: 49418  
Ion Ratio Lower Upper  
109 100  
139 80.9 80.0 120.0  
65 117.6 120.0 180.0#



#53  
Dibenzofuran  
Concen: 18.977 ng/ul  
RT: 14.58 min Scan# 1971  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Tgt Ion:168 Resp: 385524  
Ion Ratio Lower Upper  
168 100  
139 42.9 30.8 46.2

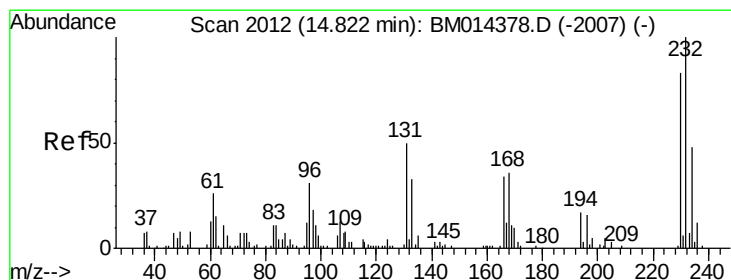
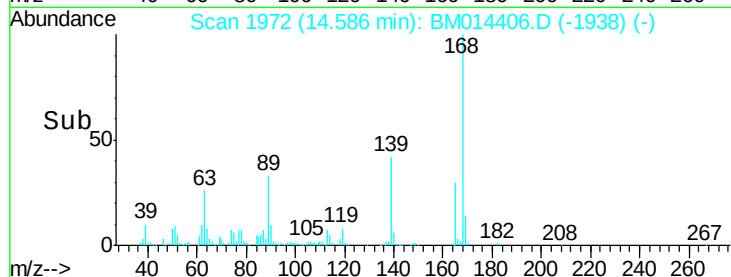
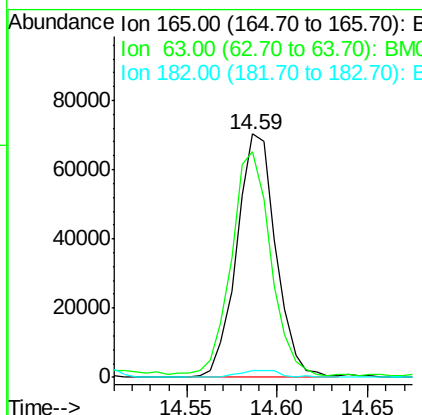
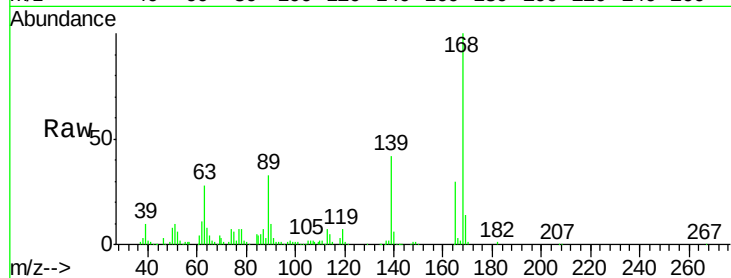




#54  
 2,4-Dinitrotoluene  
 Concen: 21.336 ng/ul  
 RT: 14.59 min Scan# 1972  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

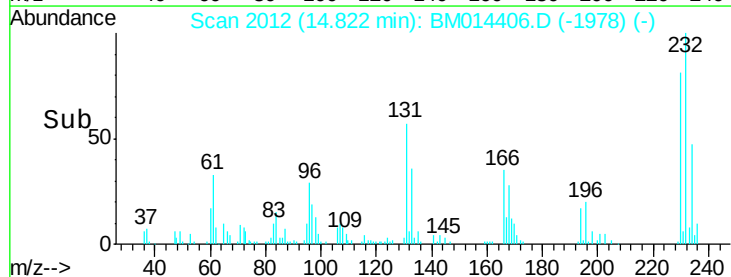
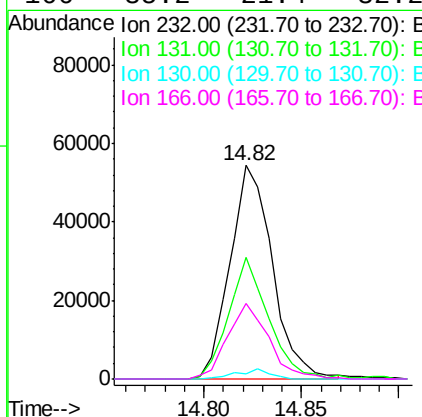
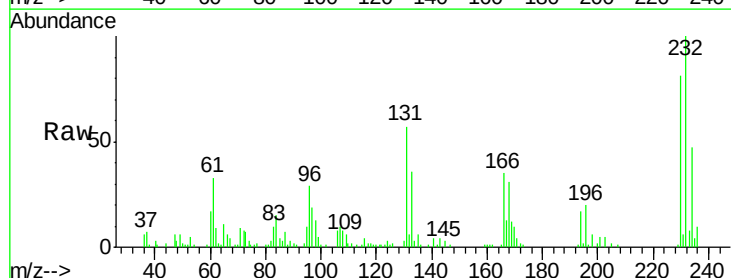
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

Tot Ion:165 Resp: 105730  
 Ion Ratio Lower Upper  
 165 100  
 63 92.9 45.8 68.8#  
 182 2.6 2.6 4.0#

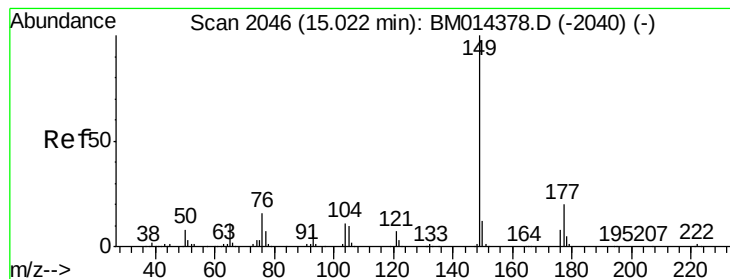


#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 19.791 ng/ul  
 RT: 14.82 min Scan# 2012  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

Tgt Ion:232 Resp: 81883  
 Ion Ratio Lower Upper  
 232 100  
 131 56.9 29.0 43.4#  
 130 2.5 2.0 3.0  
 166 35.2 21.4 32.2#







#56

Diethylphthalate

Concen: 19.995 ng/ul

RT: 15.02 min Scan# 2046

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

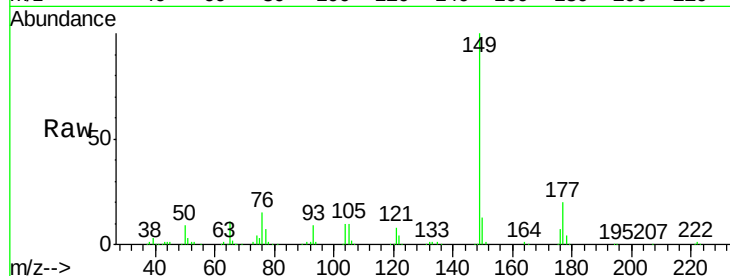
Tot Ion:149 Resp: 362720

Ion Ratio Lower Upper

149 100

177 19.6 20.5 30.7#

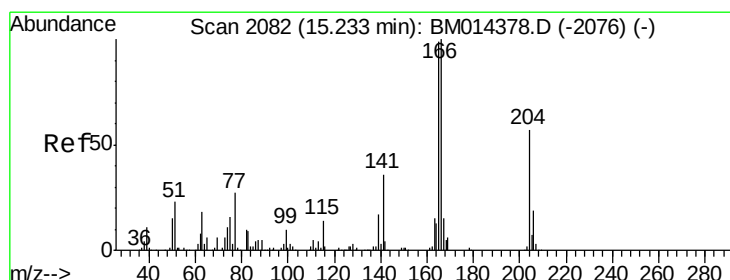
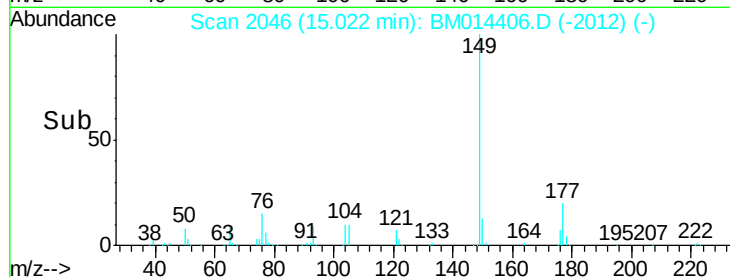
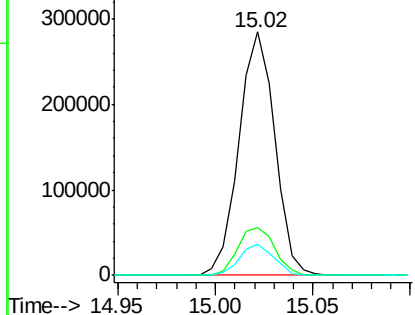
150 12.6 10.6 15.8



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: 19.017 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

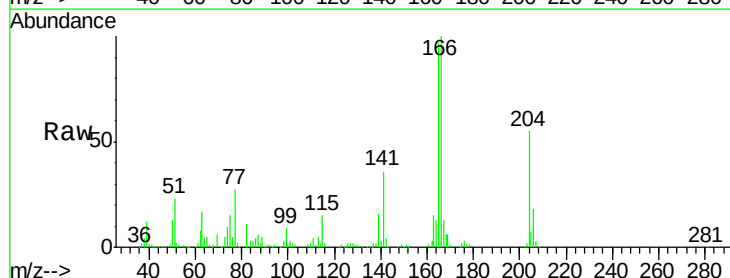
Tgt Ion:166 Resp: 333527

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

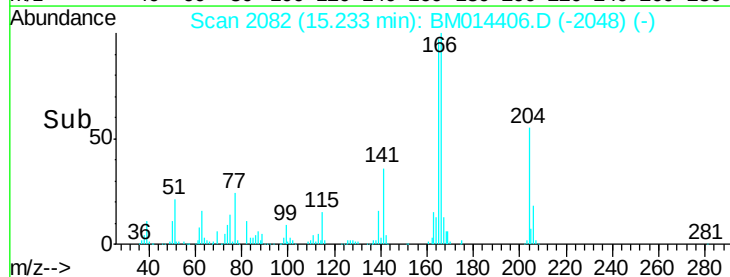
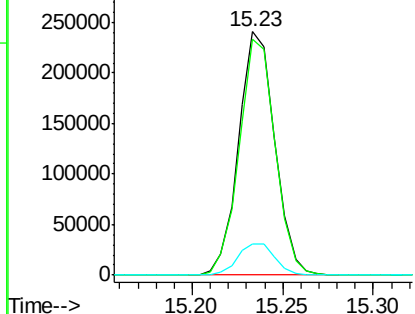
167 12.6 10.6 16.0

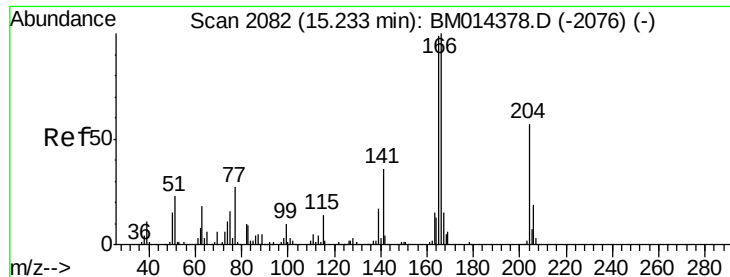


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#59

4-Chlorophenyl-phenylether

Concen: 18.559 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

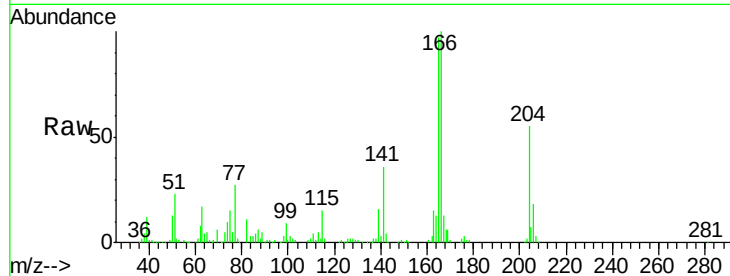
Tot Ion:204 Resp: 170250

Ion Ratio Lower Upper

204 100

206 32.1 24.8 37.2

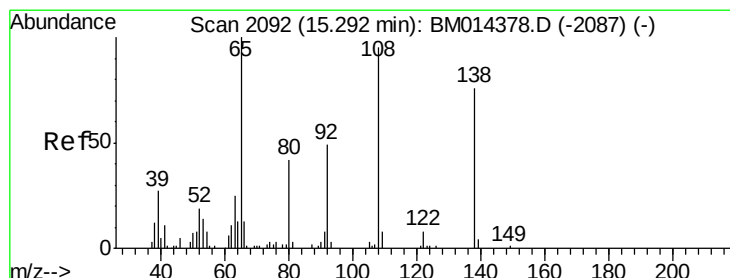
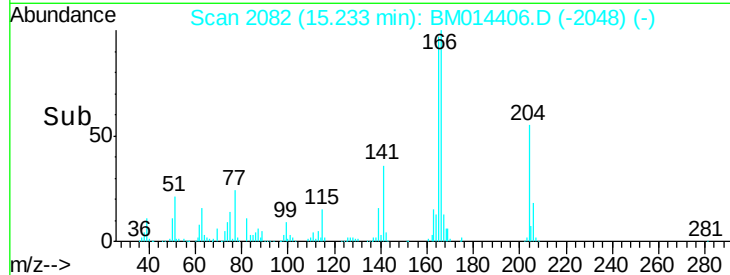
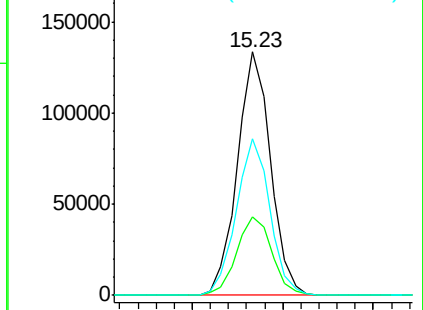
141 64.5 44.3 66.5



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: 20.596 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

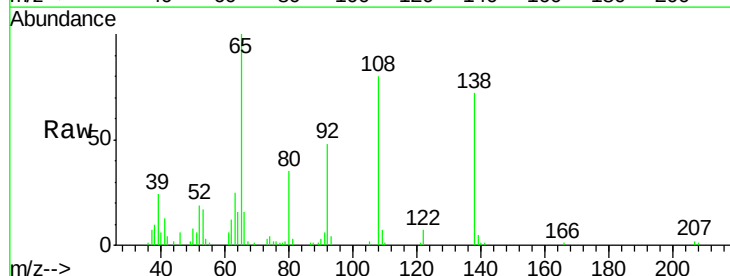
Tgt Ion:138 Resp: 60548

Ion Ratio Lower Upper

138 100

92 66.2 40.0 60.0#

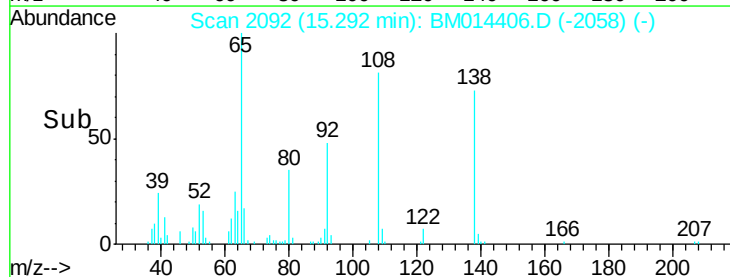
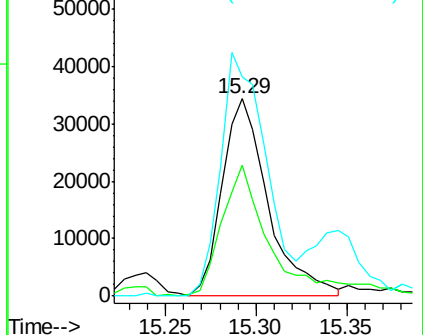
108 111.3 80.0 120.0

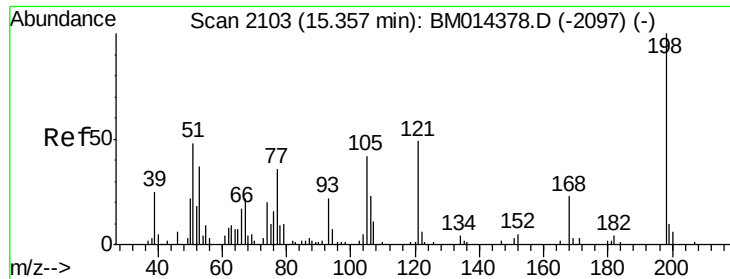


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E

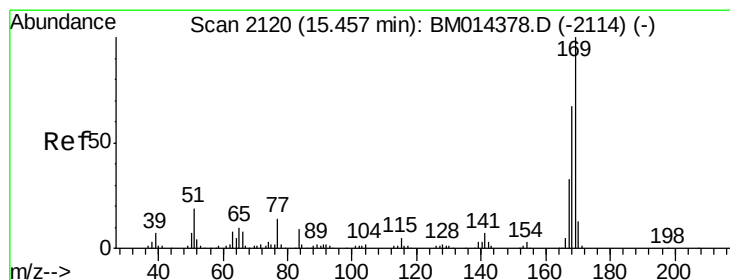
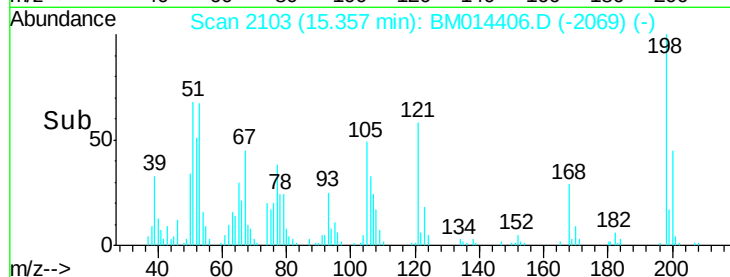
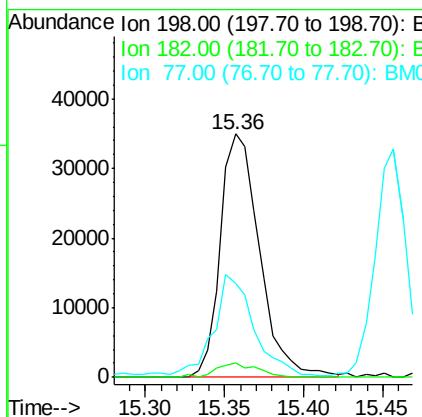
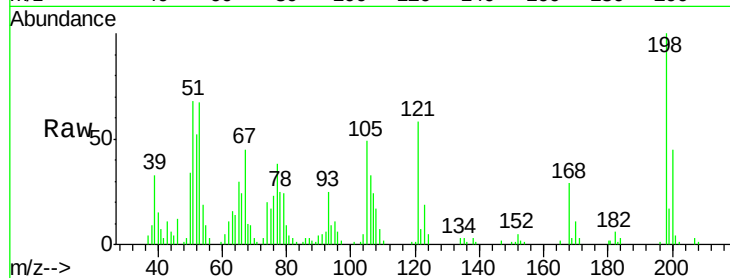




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 19.897 ng/ul  
 RT: 15.36 min Scan# 2103  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

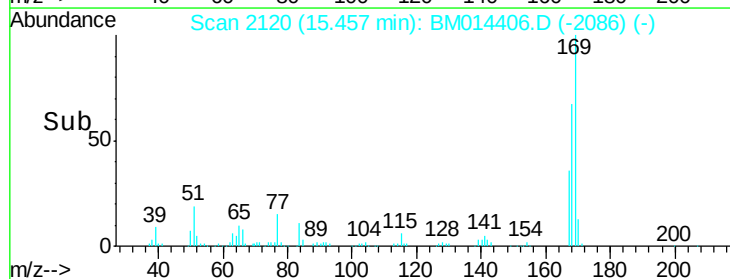
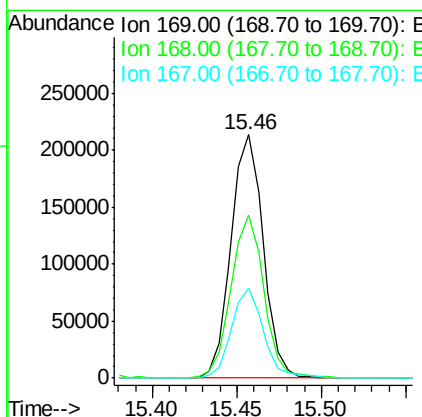
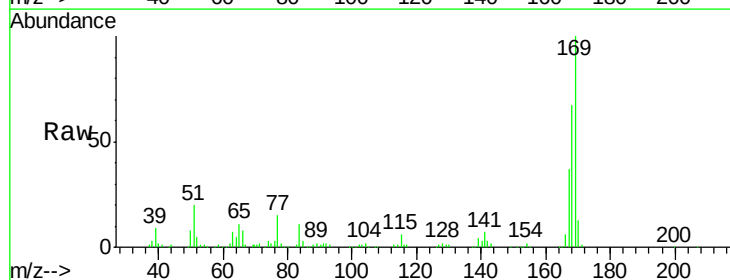
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02008

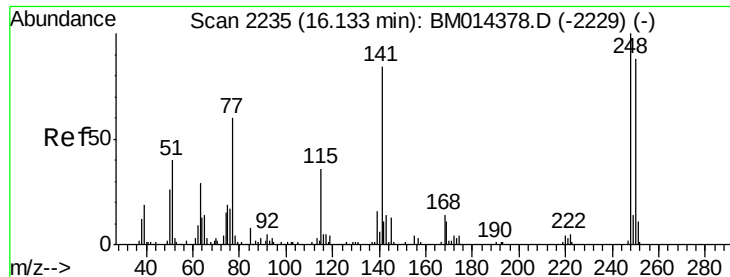
Tot Ion:198 Resp: 60131  
 Ion Ratio Lower Upper  
 198 100  
 182 6.2 3.8 5.6#  
 77 38.5 25.2 37.8#



#64  
 N-Nitrosodiphenylamine  
 Concen: 19.922 ng/ul  
 RT: 15.46 min Scan# 2120  
 Delta R.T. 0.00 min  
 Lab File: BM014406.D  
 Acq: 28 Feb 2018 17:42

Tgt Ion:169 Resp: 283369  
 Ion Ratio Lower Upper  
 169 100  
 168 67.1 54.0 81.0  
 167 37.0 29.1 43.7

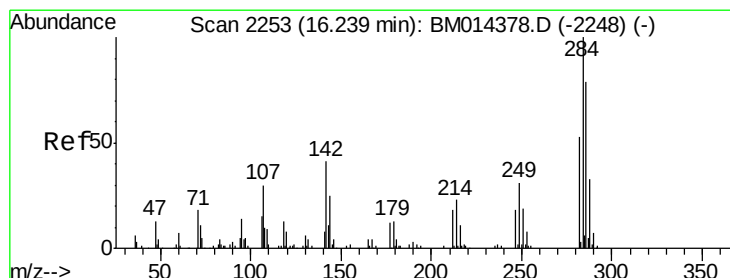
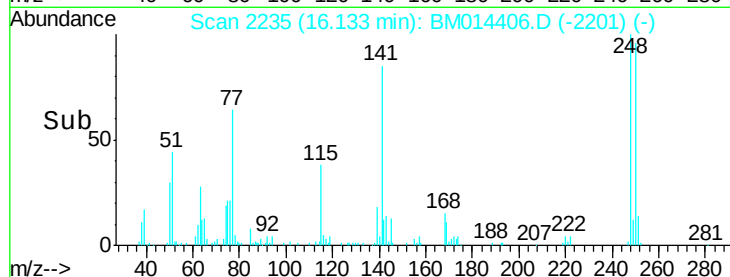
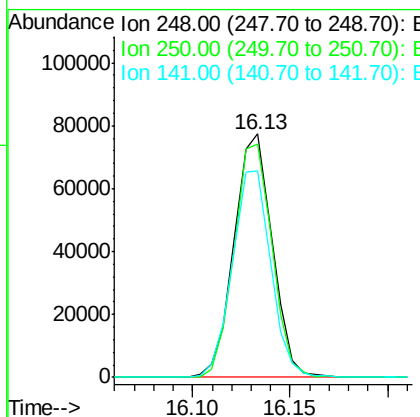
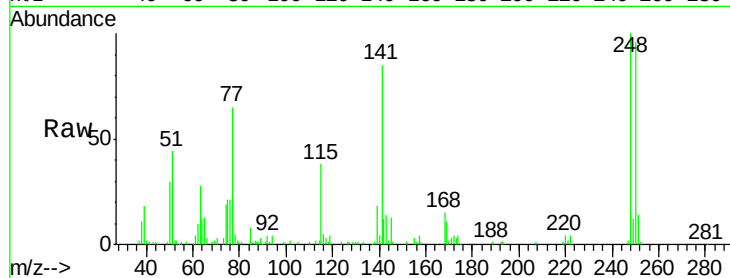




#65  
4-Bromophenyl-phenylether  
Concen: 19.062 ng/ul  
RT: 16.13 min Scan# 2235  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

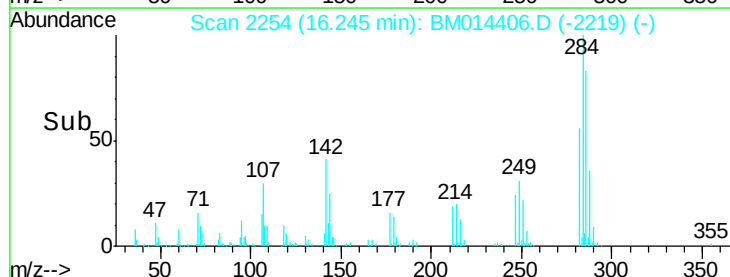
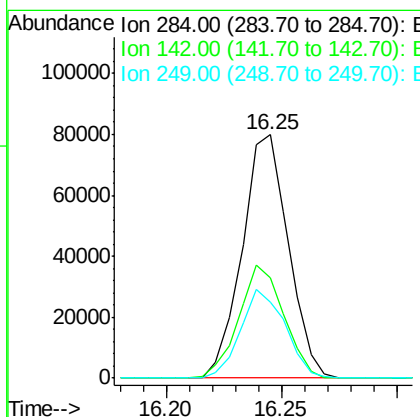
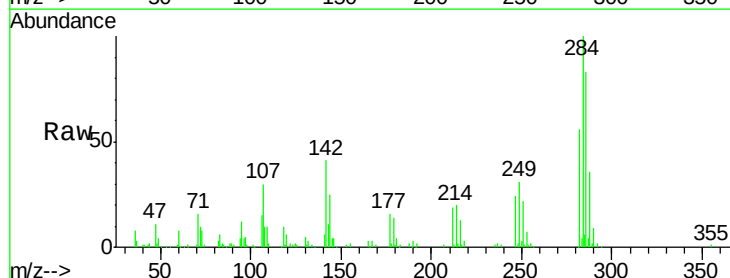
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

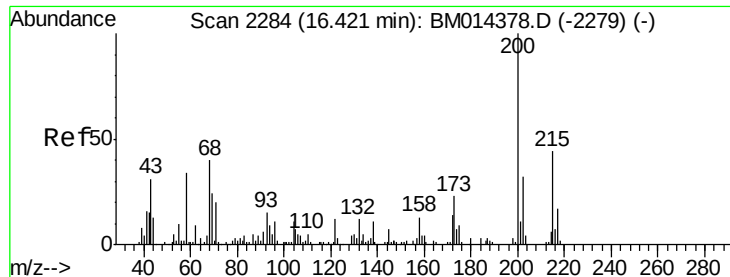
Tot Ion:248 Resp: 105286  
Ion Ratio Lower Upper  
248 100  
250 96.0 80.5 120.7  
141 84.8 53.6 80.4#



#66  
Hexachlorobenzene  
Concen: 19.203 ng/ul  
RT: 16.25 min Scan# 2254  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Tgt Ion:284 Resp: 111533  
Ion Ratio Lower Upper  
284 100  
142 41.0 21.2 31.8#  
249 31.3 24.5 36.7

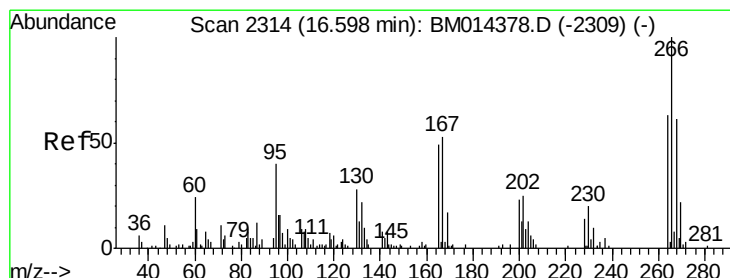
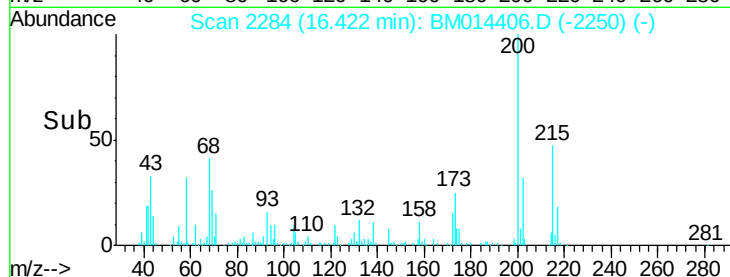
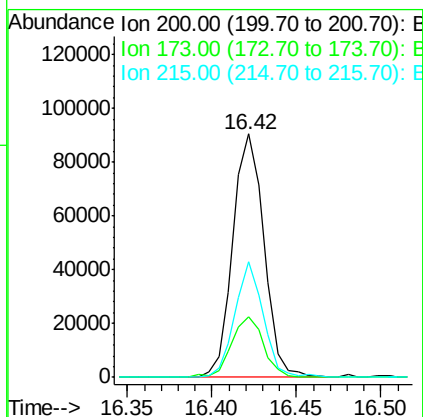
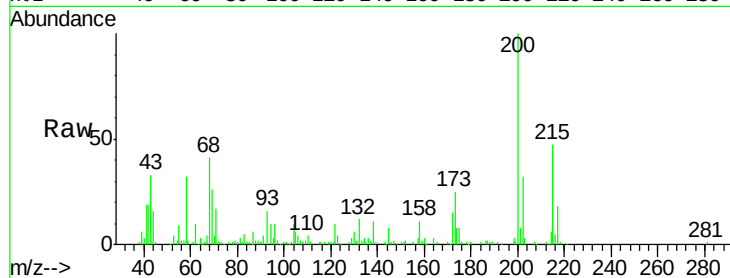




#67  
Atrazine  
Concen: 20.732 ng/ul  
RT: 16.42 min Scan# 2284  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

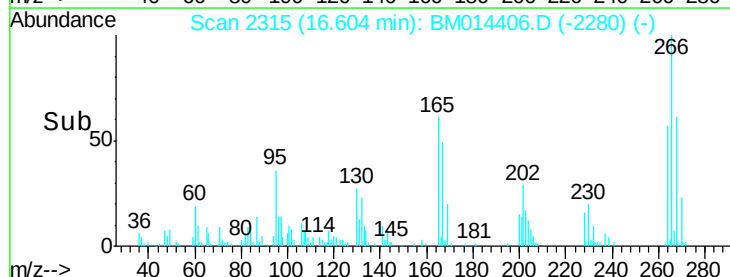
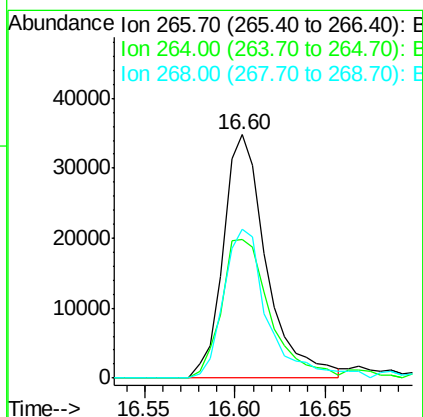
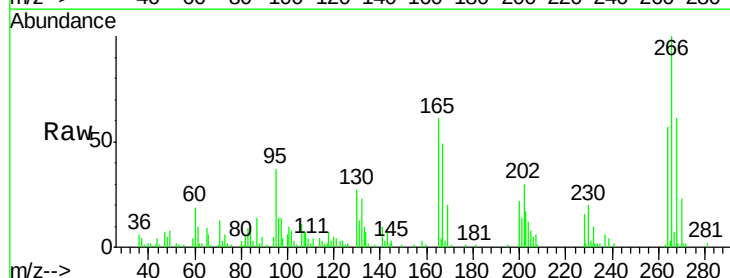
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

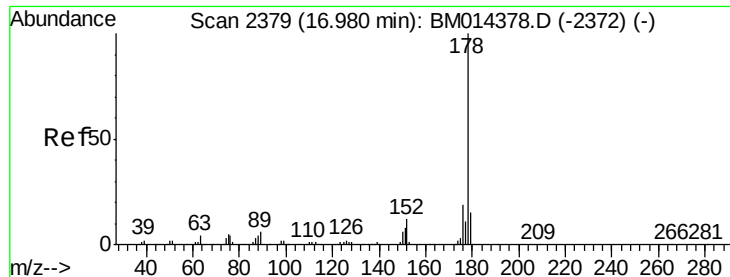
Tot Ion:200 Resp: 116464  
Ion Ratio Lower Upper  
200 100  
173 24.9 18.2 27.2  
215 47.3 35.0 52.4



#68  
Pentachlorophenol  
Concen: 18.964 ng/ul  
RT: 16.60 min Scan# 2315  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Tgt Ion:266 Resp: 57720  
Ion Ratio Lower Upper  
266 100  
264 57.2 49.3 73.9  
268 63.3 52.6 78.8





#69

Phenanthrene

Concen: 19.425 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

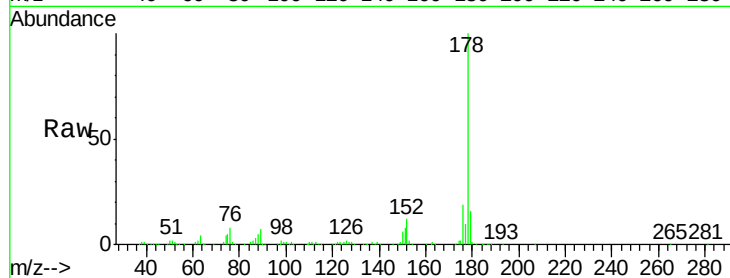
Tot Ion:178 Resp: 553979

Ion Ratio Lower Upper

178 100

179 15.8 12.6 19.0

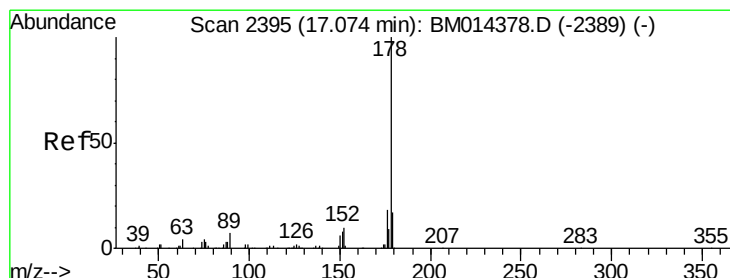
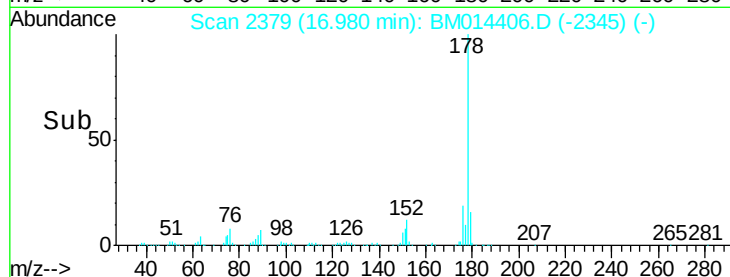
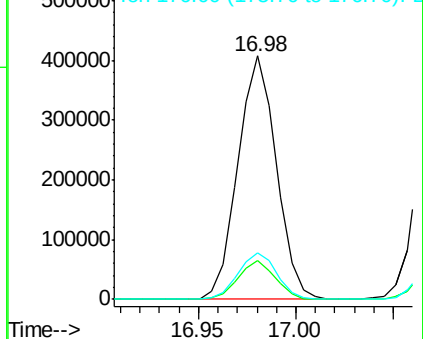
176 18.8 14.9 22.3



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



#71

Anthracene

Concen: 19.830 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

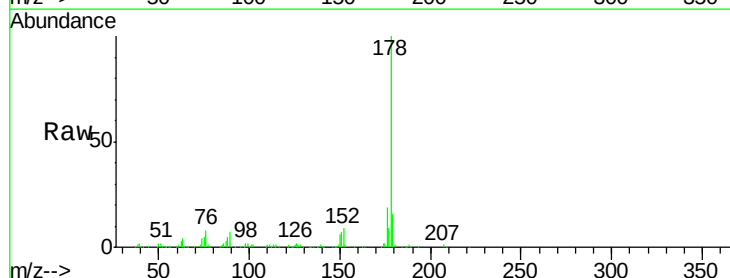
Tgt Ion:178 Resp: 568746

Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

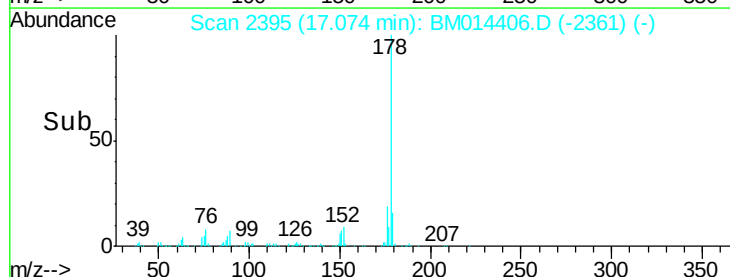
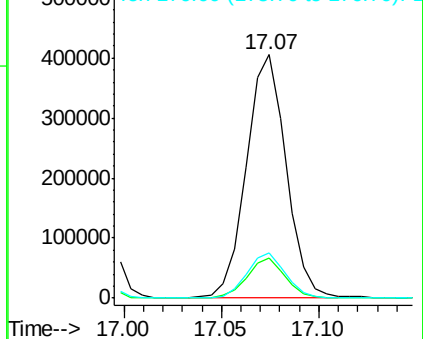
176 18.5 14.6 21.8

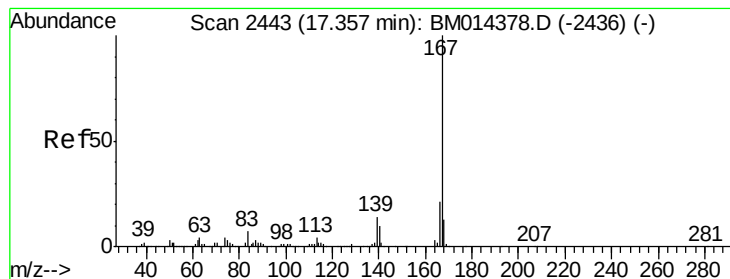


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.801 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

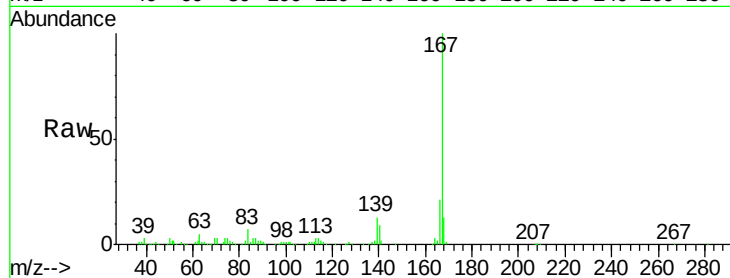
Tot Ion:167 Resp: 501653

Ion Ratio Lower Upper

167 100

166 21.3 17.1 25.7

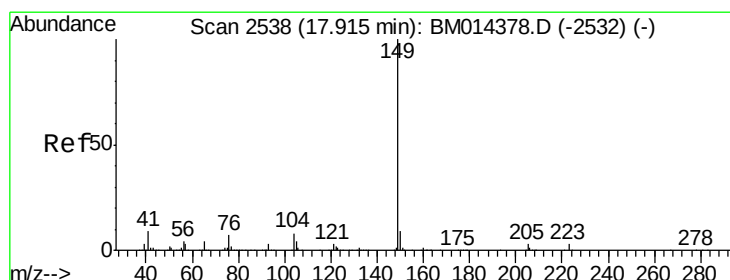
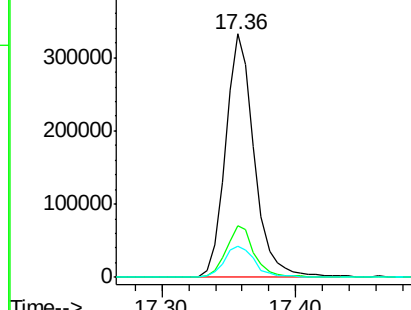
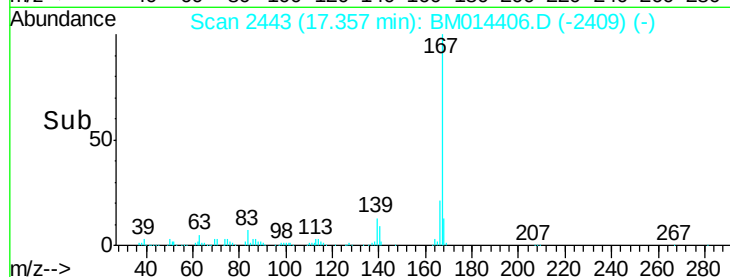
139 12.9 10.0 15.0



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



#73

Di-n-butylphthalate

Concen: 20.565 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

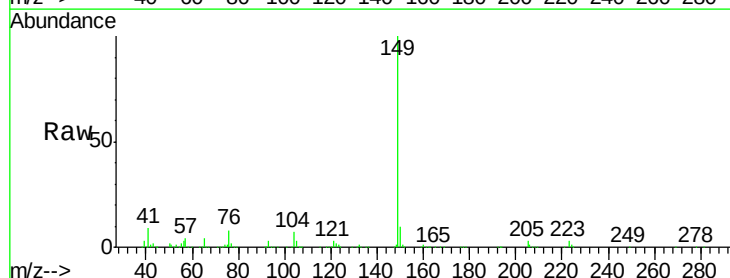
Tgt Ion:149 Resp: 639848

Ion Ratio Lower Upper

149 100

150 9.7 7.1 10.7

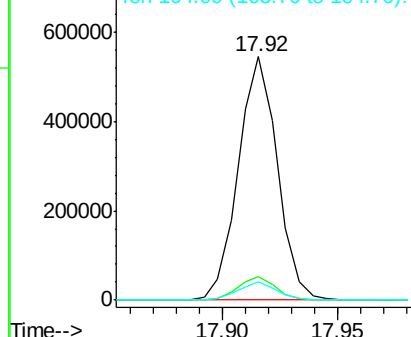
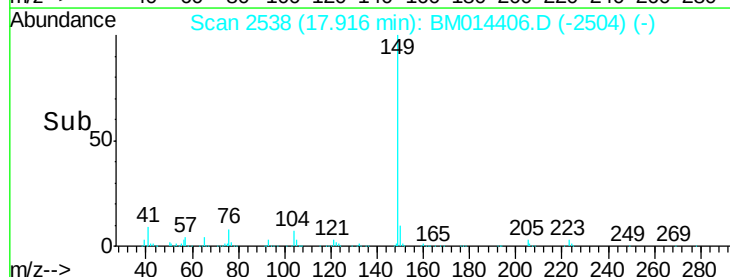
104 7.5 5.6 8.4

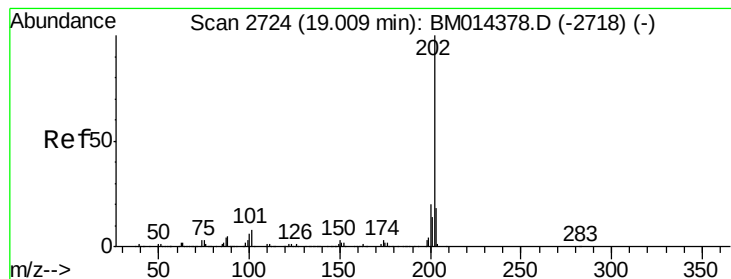


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.095 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

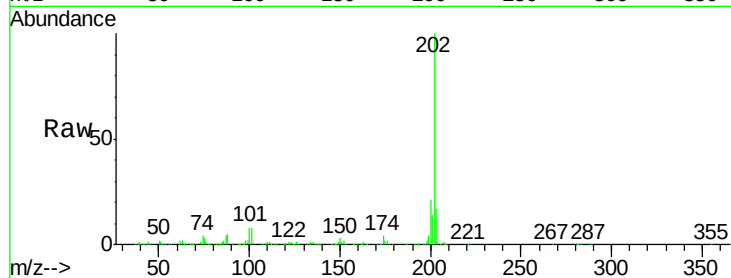
Tot Ion:202 Resp: 684677

Ion Ratio Lower Upper

202 100

101 8.2 4.6 7.0#

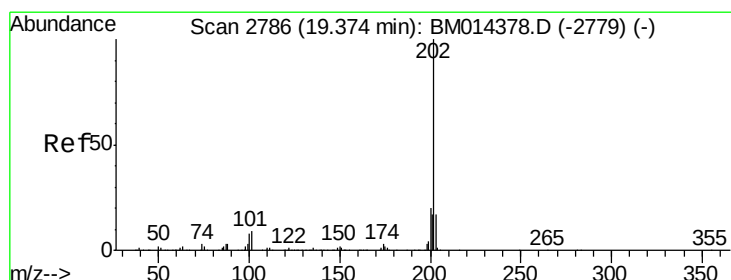
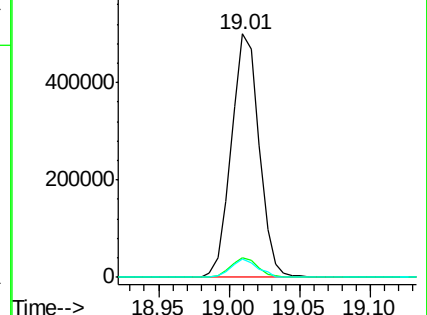
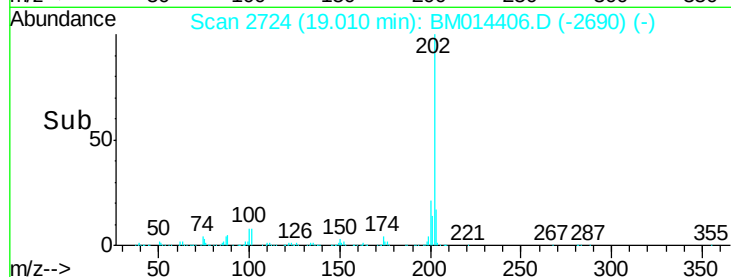
100 7.6 3.4 5.2#



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: 18.713 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

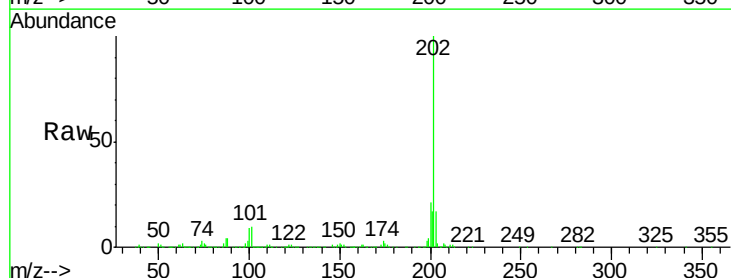
Tgt Ion:202 Resp: 688030

Ion Ratio Lower Upper

202 100

101 9.5 5.1 7.7#

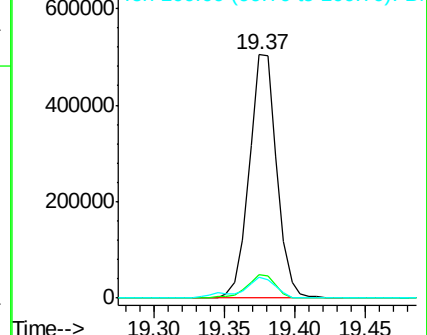
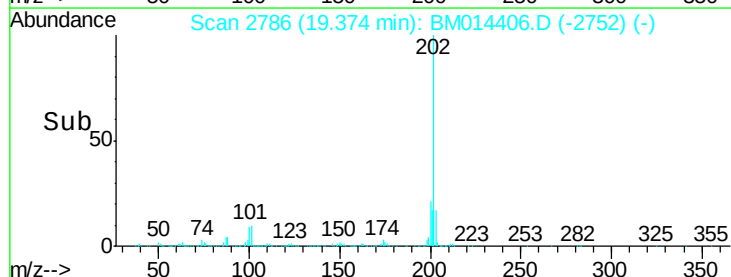
100 8.7 4.9 7.3#



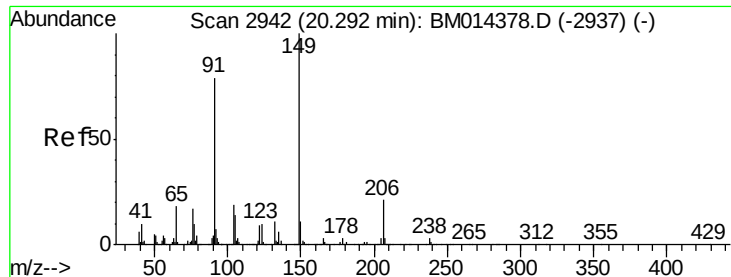
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



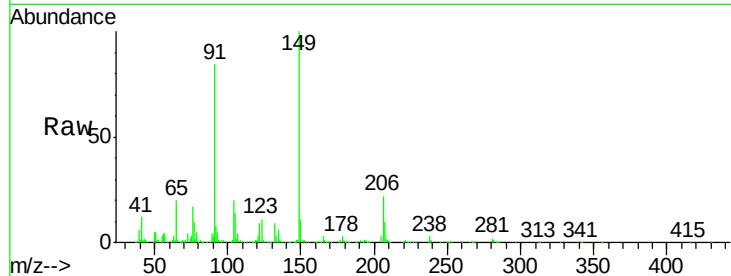




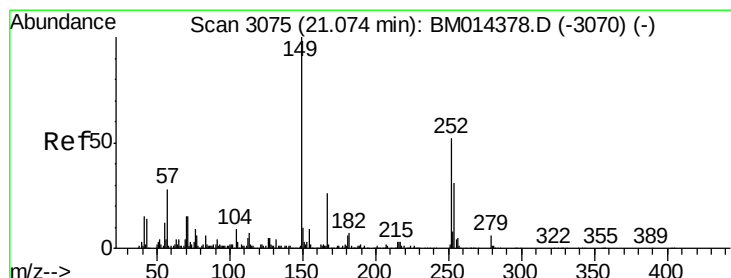
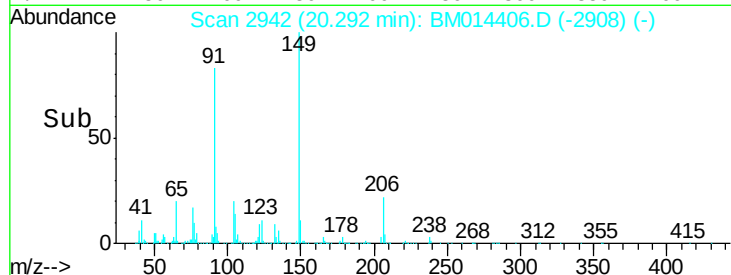
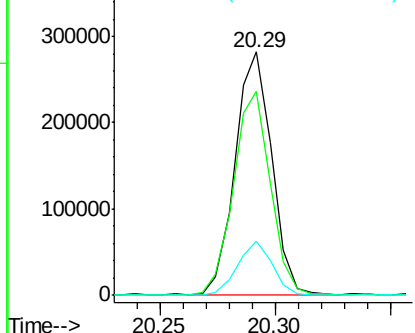
#78  
Butylbenzylphthalate  
Concen: 20.414 ng/ul  
RT: 20.29 min Scan# 2942  
Delta R.T. 0.00 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 83.5  | 62.7  | 94.1  |
| 206     | 22.2  | 20.8  | 31.2  |

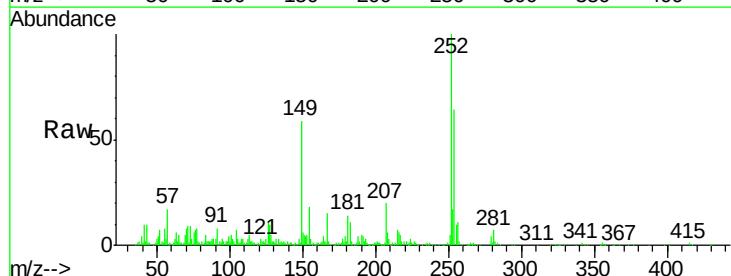


Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 91.00 (90.70 to 91.70): BM0  
Ion 206.00 (205.70 to 206.70): E

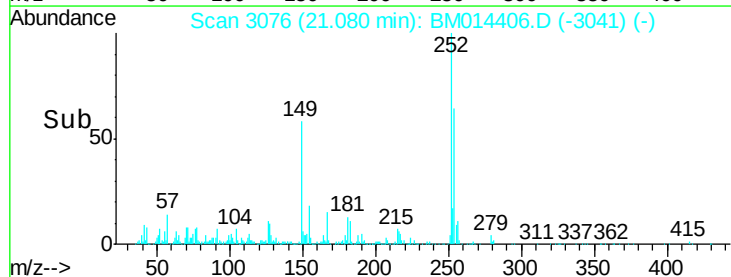
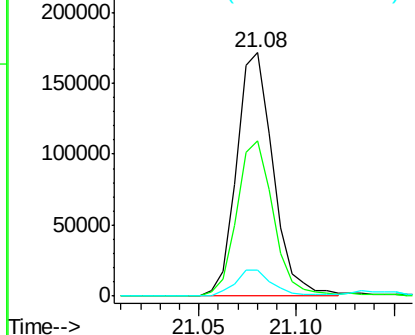


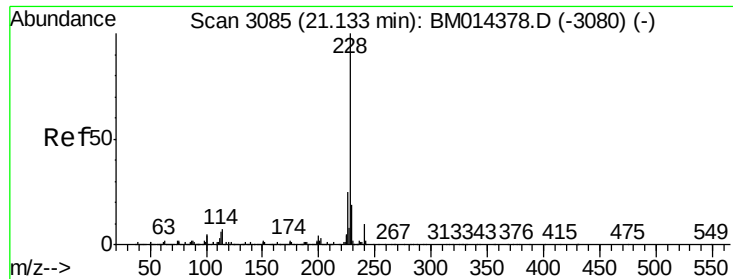
#79  
3,3'-Dichlorobenzidine  
Concen: 22.774 ng/ul  
RT: 21.08 min Scan# 3076  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.5  | 54.5  | 81.7  |
| 126     | 10.7  | 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: 19.883 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

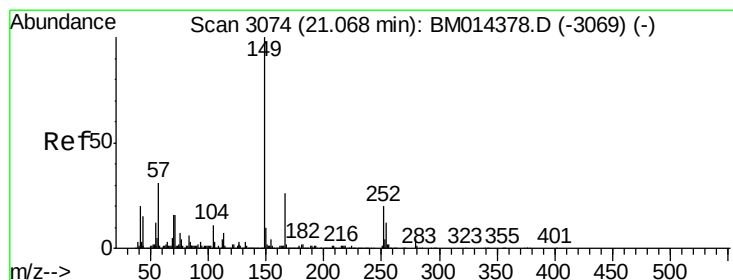
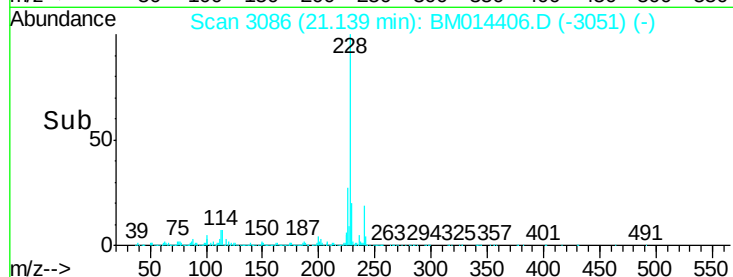
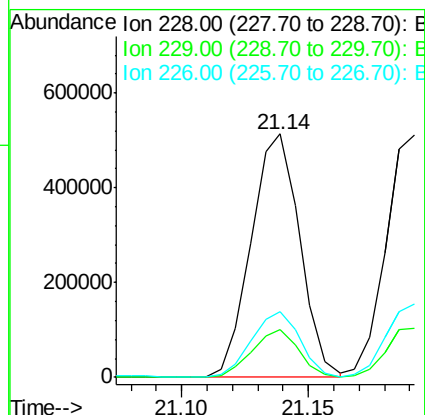
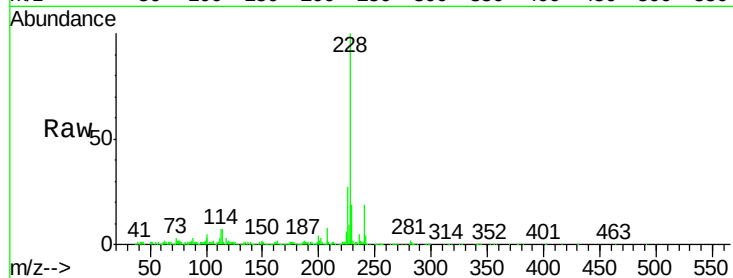
Tot Ion:228 Resp: 686523

Ion Ratio Lower Upper

228 100

229 19.5 15.4 23.0

226 26.7 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.245 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

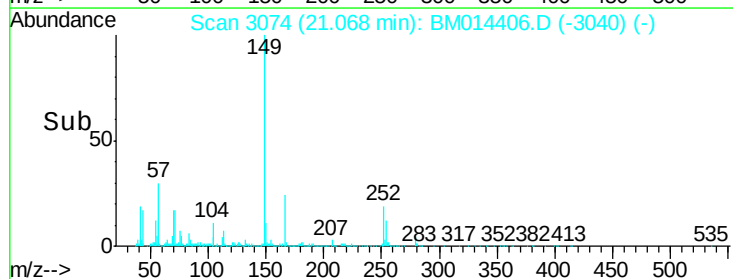
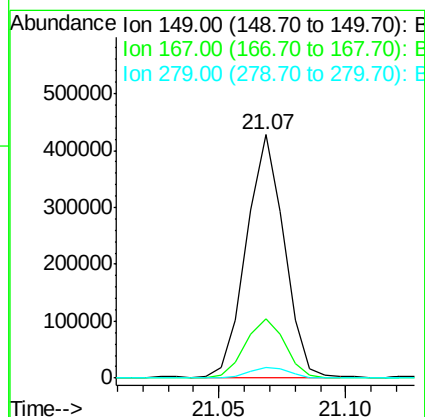
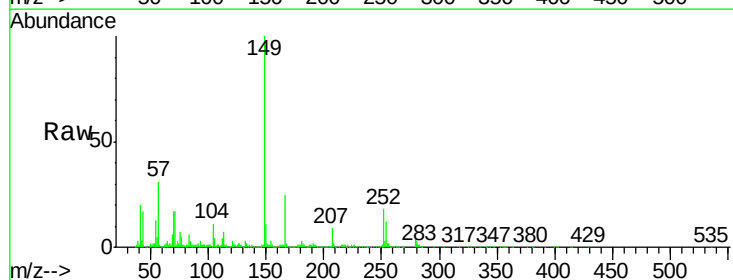
Tgt Ion:149 Resp: 440780

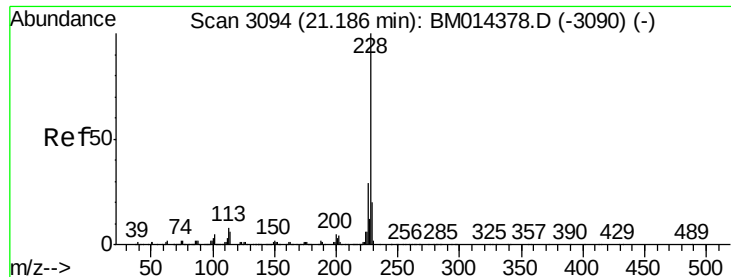
Ion Ratio Lower Upper

149 100

167 24.5 22.8 34.2

279 4.2 4.9 7.3#





#82

Chrysene

Concen: 20.015 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

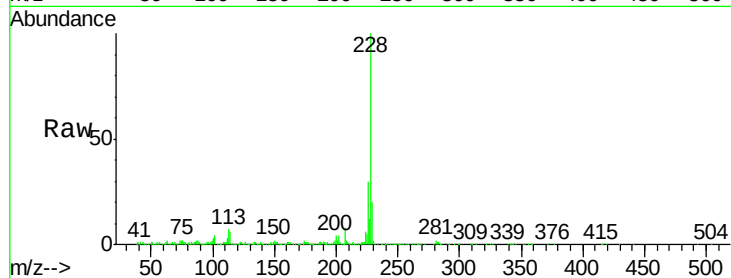
BNA\_M

ClientSampleId :

SSTD02008

Tot Ion:228 Resp: 644690

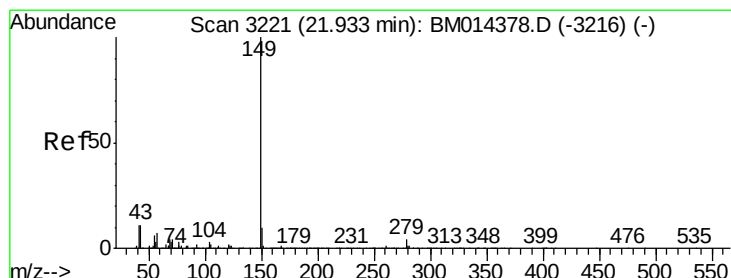
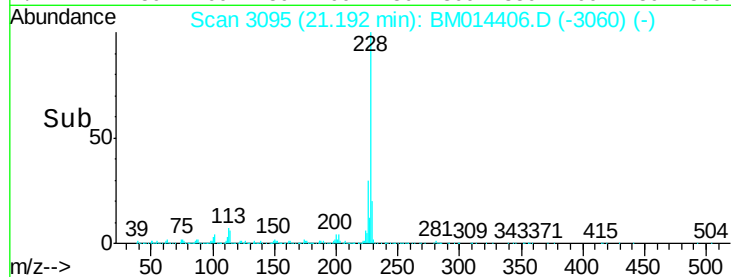
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 30.4  | 23.4  | 35.2  |
| 229 | 20.2  | 15.5  | 23.3  |



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



#84

Di-n-octyl phthalate

Concen: 15.156 ng/ul

RT: 21.93 min Scan# 3221

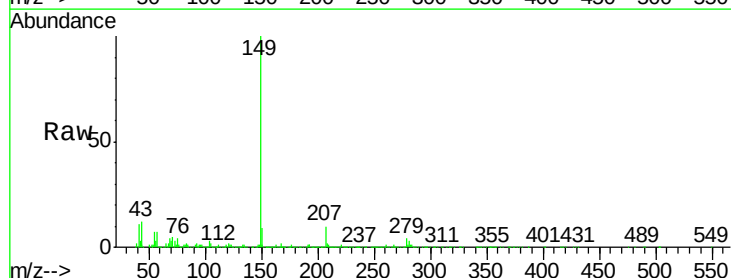
Delta R.T. 0.00 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Tgt Ion:149 Resp: 758599

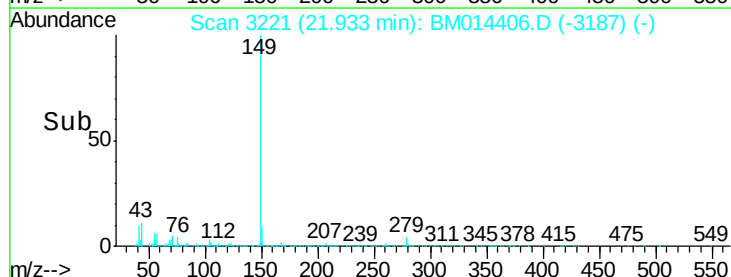
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.3   | 1.9   |
| 43  | 12.1  | 7.3   | 10.9  |

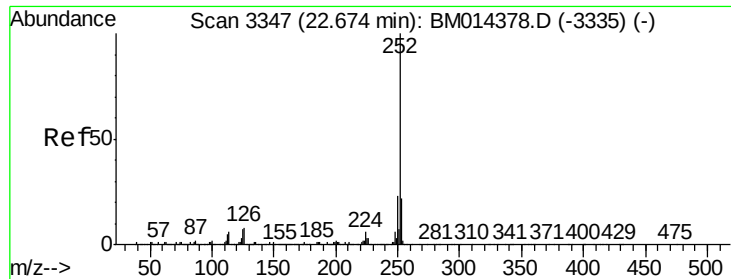


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 17.464 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

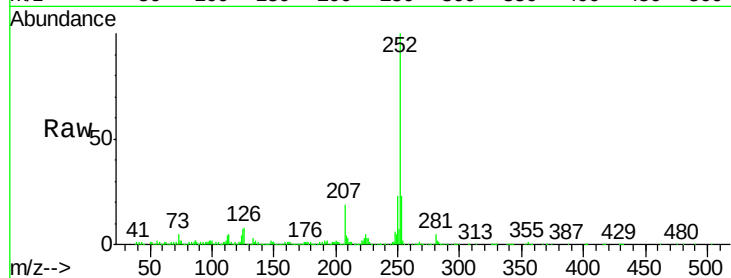
Tot Ion:252 Resp: 682090

Ion Ratio Lower Upper

252 100

253 22.5 17.9 26.9

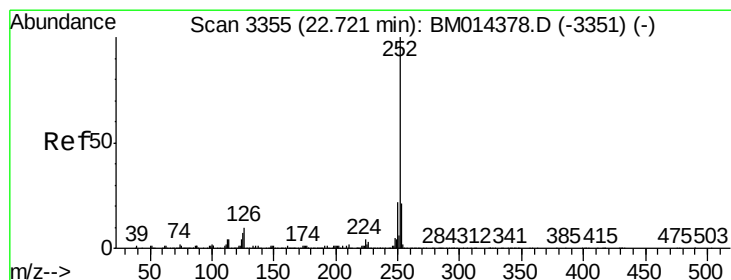
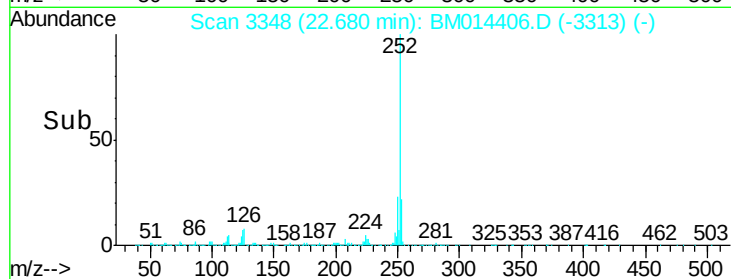
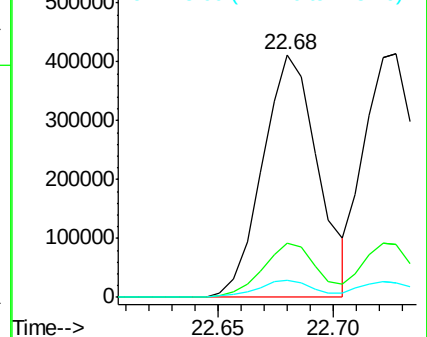
125 7.0 3.6 5.4#



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: 17.231 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

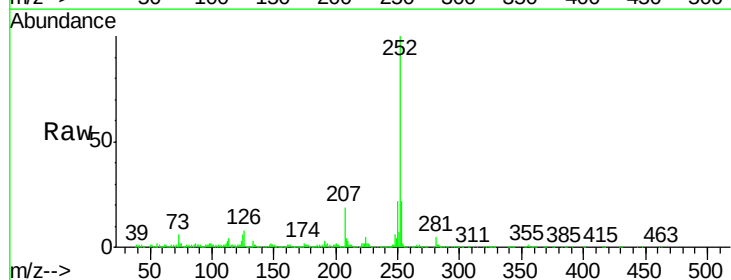
Tgt Ion:252 Resp: 639856

Ion Ratio Lower Upper

252 100

253 21.6 17.1 25.7

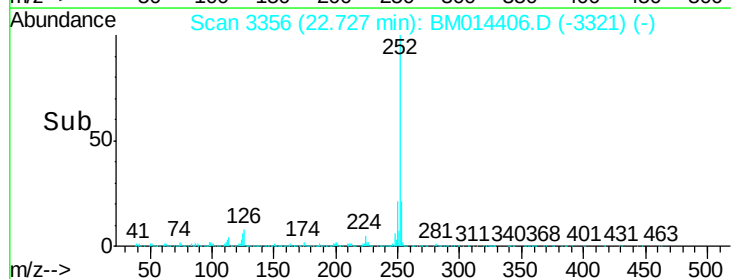
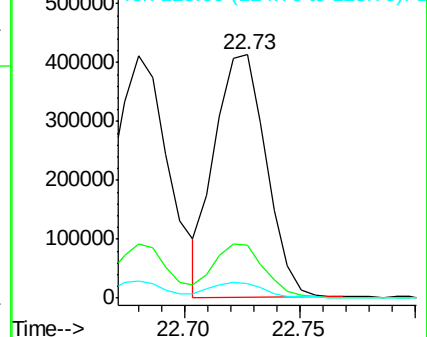
125 6.2 3.4 5.2#

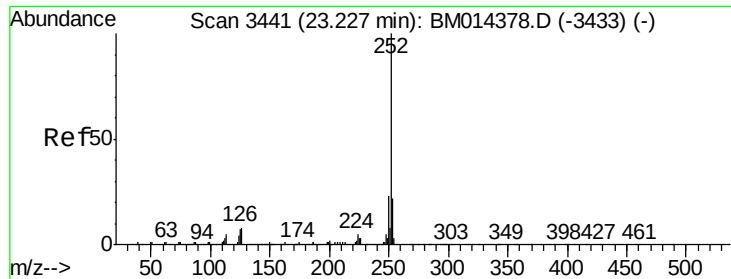


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 18.860 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.01 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

Instrument :

BNA\_M

ClientSampleId :

SSTD02008

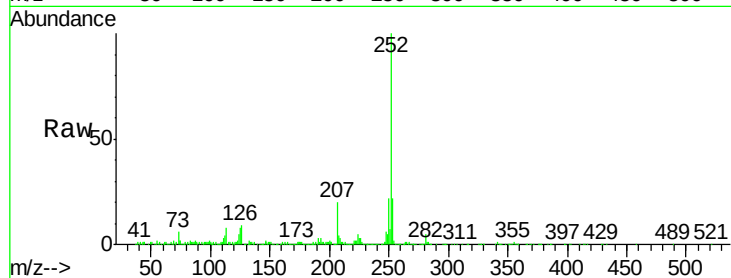
Tot Ion:252 Resp: 658219

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.2

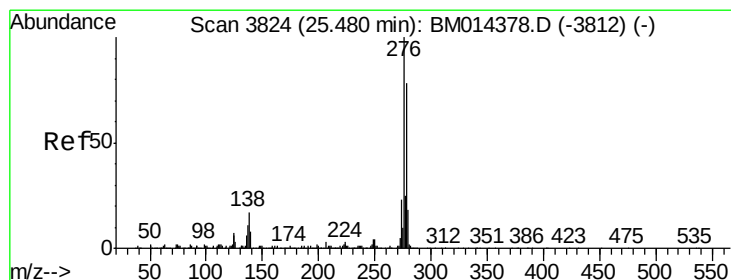
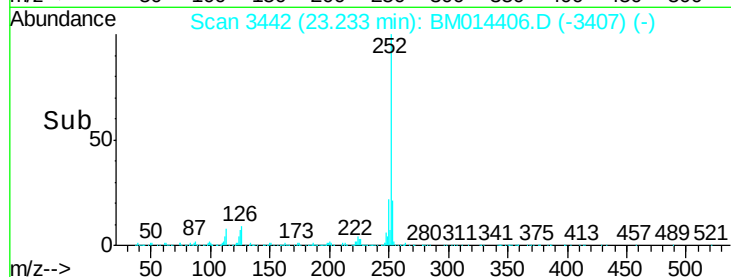
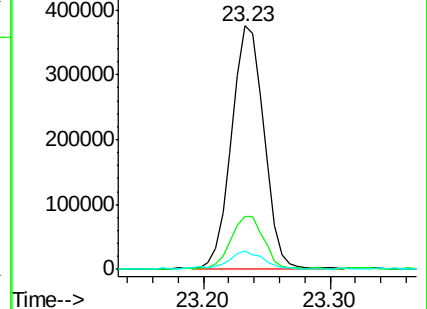
125 7.8 4.0 6.0#



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: 24.232 ng/ul

RT: 25.50 min Scan# 3827

Delta R.T. 0.02 min

Lab File: BM014406.D

Acq: 28 Feb 2018 17:42

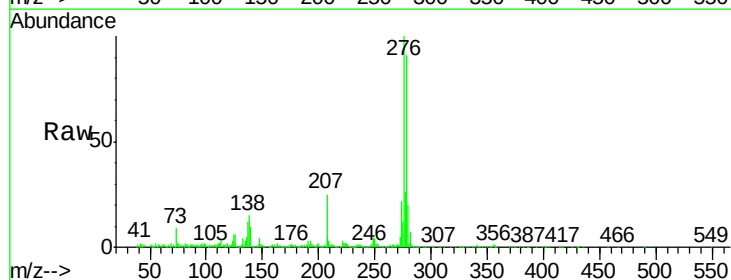
Tgt Ion:276 Resp: 820646

Ion Ratio Lower Upper

276 100

138 15.3 9.3 13.9#

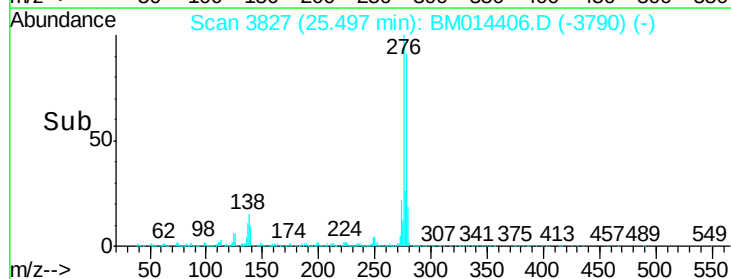
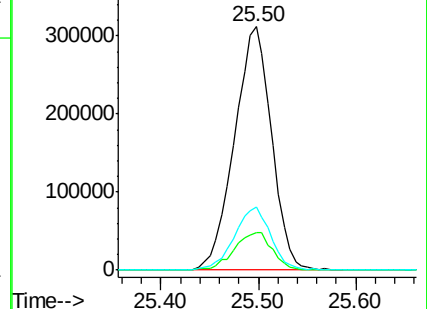
277 26.1 19.9 29.9

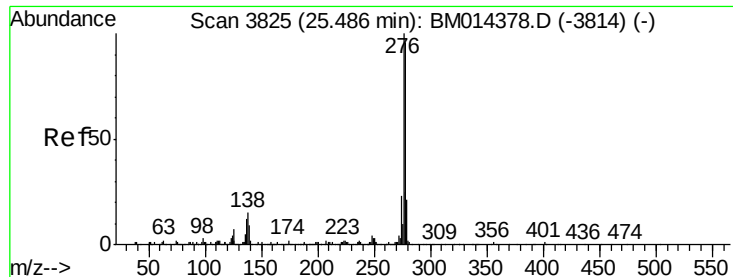


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



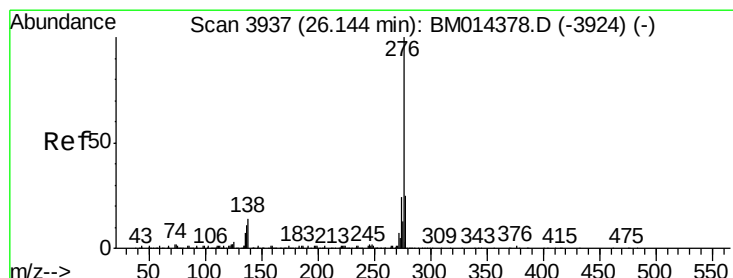
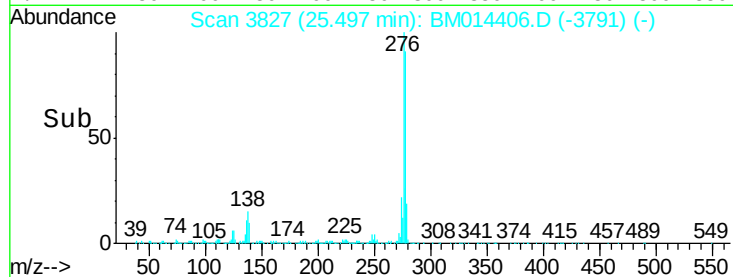
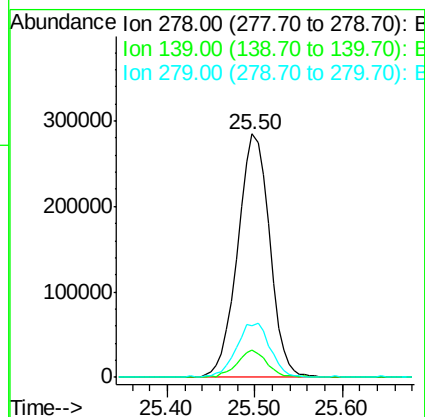
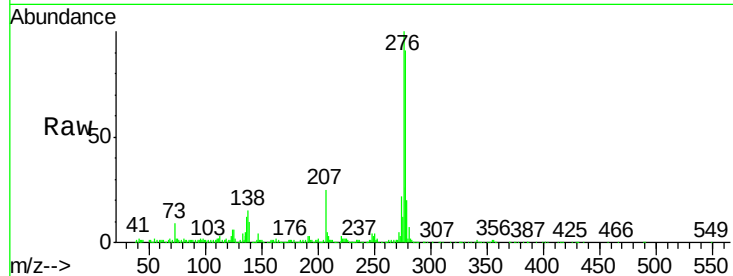


#90

Dibenzo(a,h)anthracene  
Concen: 25.095 ng/ul  
RT: 25.50 min Scan# 3827  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02008

Tot Ion:278 Resp: 706181  
Ion Ratio Lower Upper  
278 100  
139 11.3 5.8 8.8#  
279 21.4 18.6 27.8



#91

Benzo(g,h,i)perylene  
Concen: 24.687 ng/ul  
RT: 26.15 min Scan# 3938  
Delta R.T. 0.01 min  
Lab File: BM014406.D  
Acq: 28 Feb 2018 17:42

Tgt Ion:276 Resp: 677298  
Ion Ratio Lower Upper  
276 100  
138 14.1 8.5 12.7#  
277 24.0 18.6 28.0

