

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\  
 Data File : BM009430.D  
 Acq On : 28 Mar 2017 01:45  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

Quant Time: Mar 28 02:26:18 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 28 02:24:25 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 147991   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.65 | 136  | 633376   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 402486   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 965944   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.42 | 240  | 1296842  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.74 | 264  | 1184407  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.33  | 96  | 28305   | 7.29  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.00  | 99  | 273520  | 20.44 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.18  | 67  | 199503  | 20.91 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.38  | 132 | 192856  | 21.40 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.55  | 113 | 203323  | 20.35 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.02  | 128 | 96043   | 20.63 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.73  | 143 | 100306  | 19.87 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.26 | 165 | 202297  | 20.37 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.79 | 131 | 233688  | 20.42 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.90 | 166 | 631981  | 22.33 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.19 | 160 | 784640  | 22.10 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 109523  | 20.99 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.49 | 176 | 587870  | 22.64 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 111356  | 18.24 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.24 | 188 | 965944  | 20.97 | ng/ul | -0.10 |
| 78) Pyrene-d10                 | 19.63 | 212 | 1091244 | 19.85 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.60 | 264 | 1159301 | 21.25 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |       | Ovalue    |
|--------------------------------|-------|-----|--------|-------|-----------|
| 2) 1,4-Dioxane                 | 3.36  | 88  | 33891  | 7.81  | ng/uL# 62 |
| 4) Benzaldehyde                | 7.00  | 77  | 210864 | 22.49 | ng/ul 84  |
| 6) Phenol                      | 7.03  | 94  | 295467 | 20.64 | ng/ul# 81 |
| 8) Bis(2-Chloroethyl)ether     | 7.27  | 93  | 227633 | 20.41 | ng/ul# 79 |
| 10) 2-Chlorophenol             | 7.41  | 128 | 198300 | 20.68 | ng/ul# 77 |
| 11) 2-Methylphenol             | 8.29  | 108 | 205890 | 20.78 | ng/ul 97  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.38  | 45  | 384591 | 21.25 | ng/ul# 86 |
| 14) Acetophenone               | 8.67  | 105 | 351974 | 20.66 | ng/ul# 72 |
| 15) N-Nitroso-di-n-propylamine | 8.66  | 70  | 213032 | 21.67 | ng/ul# 76 |
| 16) 4-Methylphenol             | 8.62  | 108 | 227627 | 21.16 | ng/ul 90  |
| 17) Hexachloroethane           | 8.92  | 117 | 93598  | 20.23 | ng/ul 97  |
| 20) Nitrobenzene               | 9.06  | 77  | 327266 | 20.85 | ng/ul# 79 |
| 21) Isophorone                 | 9.57  | 82  | 532305 | 20.39 | ng/ul# 92 |
| 23) 2-Nitrophenol              | 9.77  | 139 | 108720 | 20.36 | ng/ul# 67 |
| 24) 2,4-Dimethylphenol         | 9.82  | 107 | 245855 | 18.64 | ng/ul 94  |
| 25) Bis(2-Chloroethoxy)methane | 10.06 | 93  | 307010 | 20.30 | ng/ul# 96 |
| 27) 2,4-Dichlorophenol         | 10.29 | 162 | 203239 | 20.40 | ng/ul# 93 |
| 28) Naphthalene                | 10.70 | 128 | 663542 | 20.70 | ng/ul 100 |
| 30) 4-Chloroaniline            | 10.82 | 127 | 249324 | 20.68 | ng/ul 98  |
| 31) Hexachlorobutadiene        | 10.97 | 225 | 156851 | 20.10 | ng/ul 98  |
| 32) Caprolactam                | 11.59 | 113 | 60363  | 19.67 | ng/ul# 23 |
| 33) 4-Chloro-3-methylphenol    | 11.93 | 107 | 233372 | 20.86 | ng/ul 92  |
| 34) 2-Methylnaphthalene        | 12.31 | 142 | 478464 | 20.70 | ng/ul 99  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032817\  
 Data File : BM009430.D  
 Acq On : 28 Mar 2017 01:45  
 Operator : SJ/MA  
 Sample : SSTDCCC020EC  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

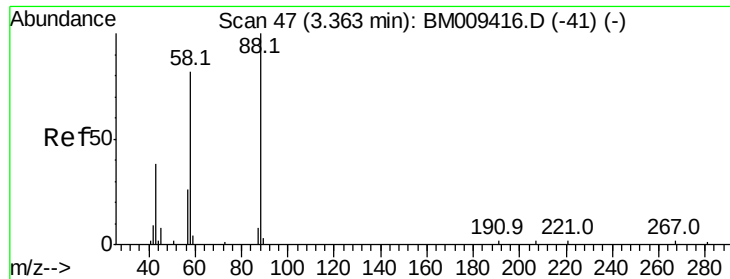
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

Quant Time: Mar 28 02:26:18 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM032317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Mar 28 02:24:25 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.67 | 216  | 295955   | 21.89 | ng/ul  | 96       |
| 37) Hexachlorocyclopentadiene  | 12.65 | 237  | 121837   | 14.36 | ng/ul# | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.92 | 196  | 167103   | 21.10 | ng/ul  | 96       |
| 39) 2,4,5-Trichlorophenol      | 12.99 | 196  | 186068   | 21.78 | ng/ul  | 94       |
| 40) 1,1'-Biphenyl              | 13.32 | 154  | 649711   | 21.85 | ng/ul# | 96       |
| 41) 2-Chloronaphthalene        | 13.37 | 162  | 506632   | 21.90 | ng/ul  | 96       |
| 42) 2-Nitroaniline             | 13.58 | 65   | 192466   | 22.57 | ng/ul# | 66       |
| 44) Dimethylphthalate          | 13.95 | 163  | 625401   | 22.15 | ng/ul  | 97       |
| 45) 2,6-Dinitrotoluene         | 14.07 | 165  | 123128   | 22.56 | ng/ul# | 71       |
| 47) Acenaphthylene             | 14.22 | 152  | 787633   | 22.27 | ng/ul  | 98       |
| 48) 3-Nitroaniline             | 14.41 | 138  | 124813   | 22.18 | ng/ul# | 81       |
| 49) Acenaphthene               | 14.56 | 153  | 569036   | 22.91 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.61 | 184  | 67357    | 17.96 | ng/ul# | 73       |
| 52) 4-Nitrophenol              | 14.70 | 109  | 131532   | 21.51 | ng/ul# | 76       |
| 53) Dibenzofuran               | 14.89 | 168  | 832493   | 23.12 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.86 | 165  | 186201   | 22.83 | ng/ul# | 62       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.12 | 232  | 171694   | 22.30 | ng/ul  | 93       |
| 56) Diethylphthalate           | 15.31 | 149  | 671349   | 23.18 | ng/ul  | 99       |
| 58) Fluorene                   | 15.54 | 166  | 686727   | 23.39 | ng/ul  | 97       |
| 59) 4-Chlorophenyl-phenylether | 15.53 | 204  | 346208   | 22.11 | ng/ul  | 91       |
| 60) 4-Nitroaniline             | 15.57 | 138  | 138403   | 23.16 | ng/ul# | 67       |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 119062   | 18.13 | ng/ul# | 81       |
| 64) N-Nitrosodiphenylamine     | 15.75 | 169  | 579596   | 19.89 | ng/ul  | 100      |
| 65) 4-Bromophenyl-phenylether  | 16.43 | 248  | 218433   | 20.19 | ng/ul  | 91       |
| 66) Hexachlorobenzene          | 16.54 | 284  | 241098   | 19.78 | ng/ul  | 98       |
| 67) Atrazine                   | 16.70 | 200  | 210311   | 18.92 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.89 | 266  | 136482   | 18.49 | ng/ul  | 95       |
| 69) Phenanthrene               | 17.29 | 178  | 1109335  | 20.40 | ng/ul  | 99       |
| 71) Anthracene                 | 17.37 | 178  | 1113288  | 20.00 | ng/ul  | 99       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.29 | 216  | 269761   | 19.00 | ng/uL  | 97       |
| 73) Pentachlorobenzene         | 14.81 | 250  | 272579   | 19.41 | ng/uL  | 97       |
| 74) Carbazole                  | 17.65 | 167  | 1007403  | 20.07 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.20 | 149  | 1156542  | 21.35 | ng/ul# | 97       |
| 76) Fluoranthene               | 19.30 | 202  | 1321503  | 20.10 | ng/ul  | 98       |
| 79) Pvrene                     | 19.66 | 202  | 1417139  | 19.89 | ng/ul  | 98       |
| 80) Butylbenzylphthalate       | 20.55 | 149  | 527415   | 20.29 | ng/ul# | 79       |
| 81) 3,3'-Dichlorobenzidine     | 21.34 | 252  | 469888   | 18.88 | ng/ul  | 99       |
| 82) Benzo(a)anthracene         | 21.40 | 228  | 1483839  | 20.12 | ng/ul  | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 762353   | 19.99 | ng/ul  | 100      |
| 84) Chrysene                   | 21.46 | 228  | 1426634  | 20.42 | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 22.22 | 149  | 1337149  | 19.45 | ng/ul# | 86       |
| 87) Benzo(b)fluoranthene       | 23.04 | 252  | 1530186  | 21.39 | ng/ul# | 97       |
| 88) Benzo(k)fluoranthene       | 23.09 | 252  | 1429741  | 20.98 | ng/ul# | 97       |
| 90) Benzo(a)pyrene             | 23.64 | 252  | 1446452  | 21.21 | ng/ul# | 96       |
| 91) Indeno(1,2,3-cd)pyrene     | 26.11 | 276  | 1695224  | 21.83 | ng/ul# | 91       |
| 92) Dibenzo(a,h)anthracene     | 26.12 | 278  | 1425633  | 21.43 | ng/ul# | 96       |
| 93) Benzo(g,h,i)perylene       | 26.84 | 276  | 1366117  | 21.12 | ng/ul# | 93       |

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





#2

1,4-Dioxane

Concen: 7.81 ng/uL

RT: 3.36 min Scan# 47

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

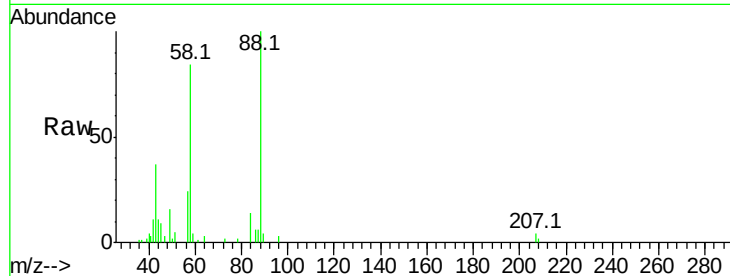
Tot Ion: 88 Resp: 33891

Ion Ratio Lower Upper

88 100

43 36.6 21.0 31.6#

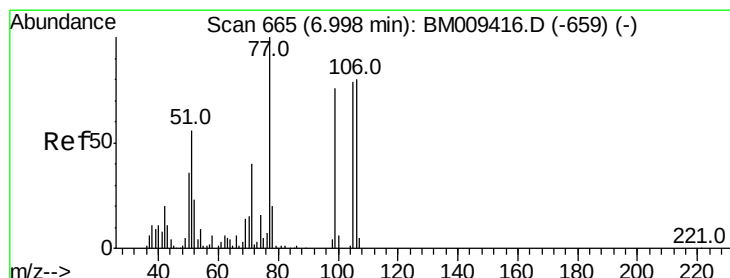
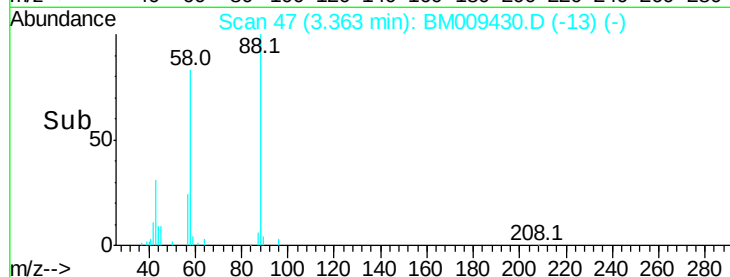
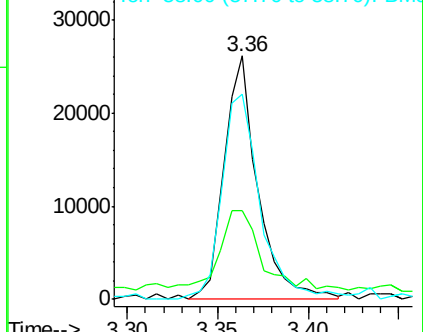
58 94.3 47.8 71.8#



Abundance Ion 88.00 (87.70 to 88.70): BM009416.D (-41) (-)

Ion 43.00 (42.70 to 43.70): BM009416.D (-41) (-)

Ion 58.00 (57.70 to 58.70): BM009416.D (-41) (-)



#4

Benzaldehyde

Concen: 22.49 ng/uL

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

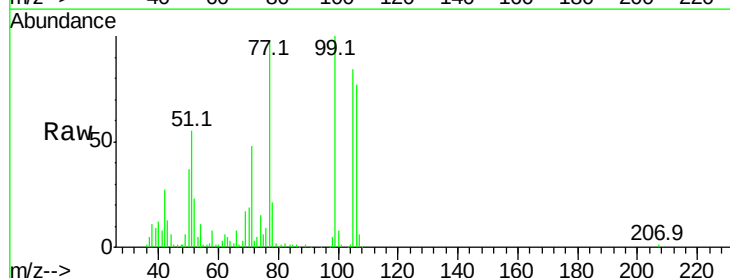
Tgt Ion: 77 Resp: 210864

Ion Ratio Lower Upper

77 100

105 85.9 80.6 120.8

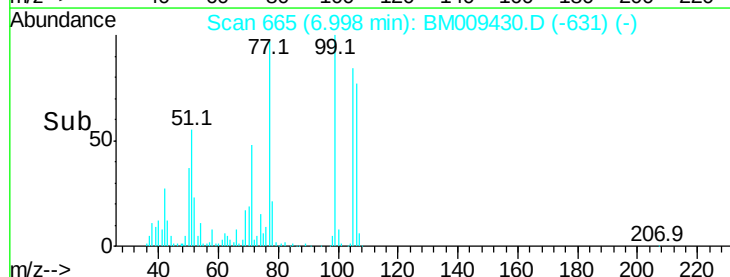
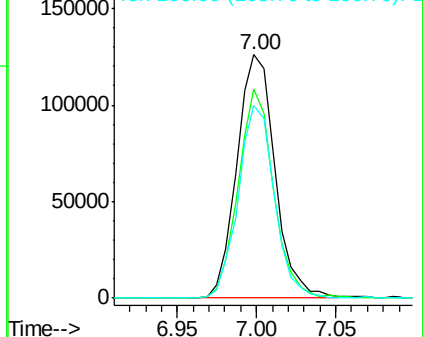
106 79.1 77.7 116.5

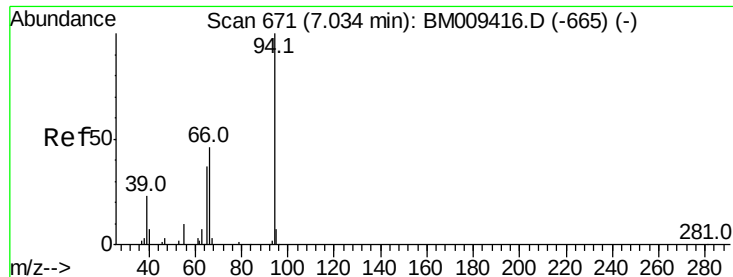


Abundance Ion 77.00 (76.70 to 77.70): BM009416.D (-659) (-)

Ion 105.00 (104.70 to 105.70): BM009416.D (-659) (-)

Ion 106.00 (105.70 to 106.70): BM009416.D (-659) (-)





#6

Phenol

Concen: 20.64 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

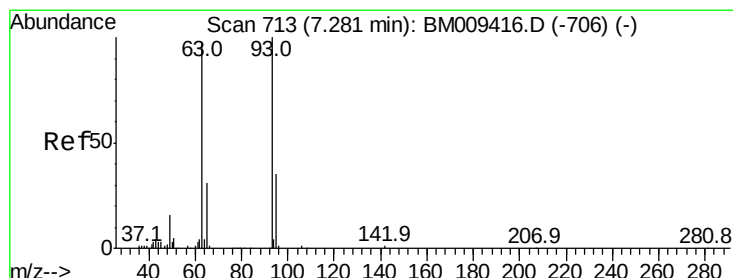
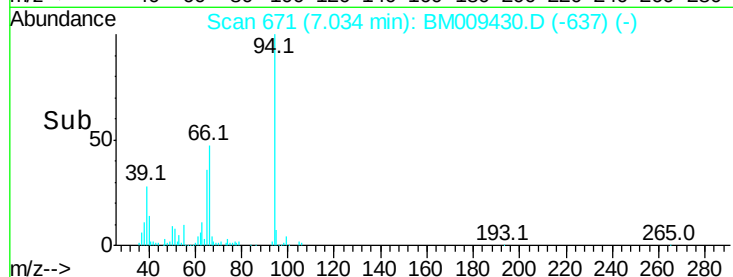
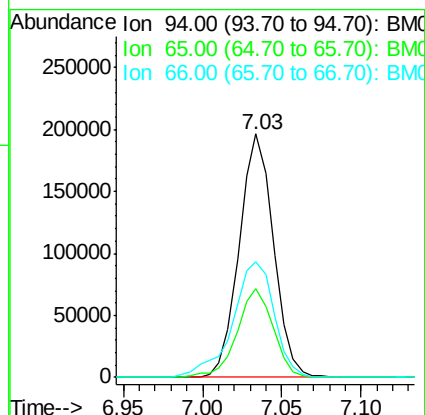
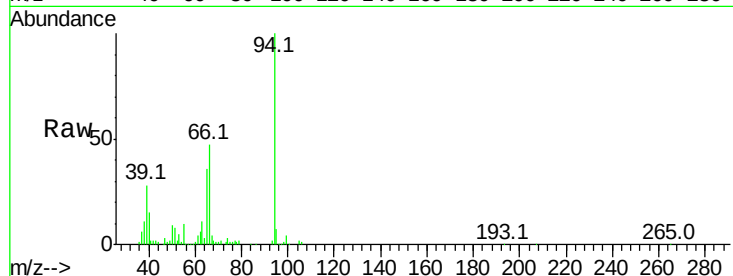
Tot Ion: 94 Resp: 295467

Ion Ratio Lower Upper

94 100

65 36.2 21.0 31.6#

66 47.4 29.3 43.9#



#8

Bis(2-Chloroethyl)ether

Concen: 20.41 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

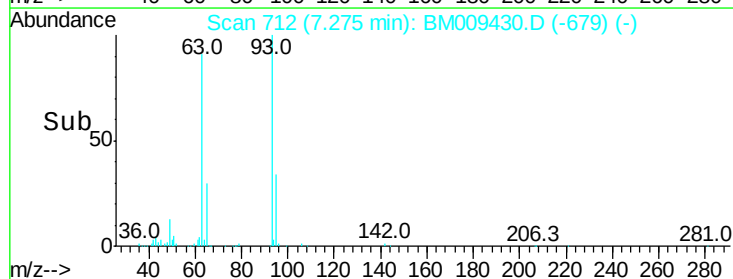
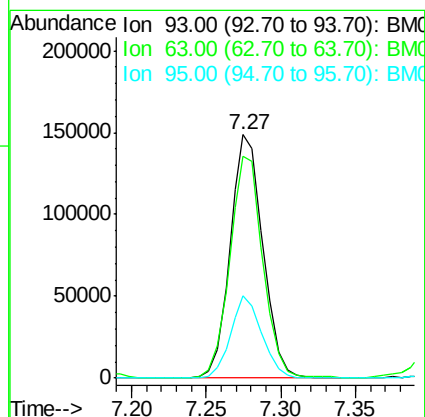
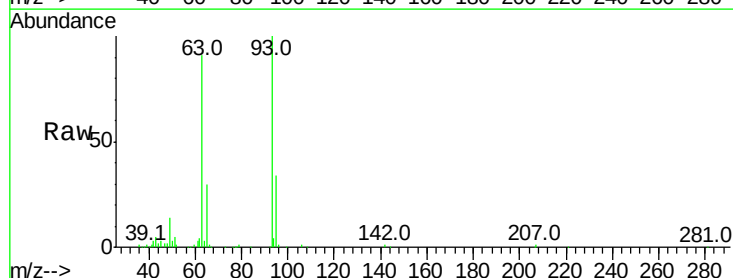
Tgt Ion: 93 Resp: 227633

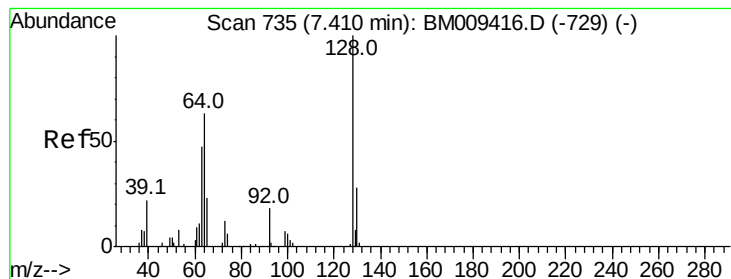
Ion Ratio Lower Upper

93 100

63 91.1 53.5 80.3#

95 33.8 26.2 39.2





#10

2-Chlorophenol

Concen: 20.68 ng/ul

RT: 7.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

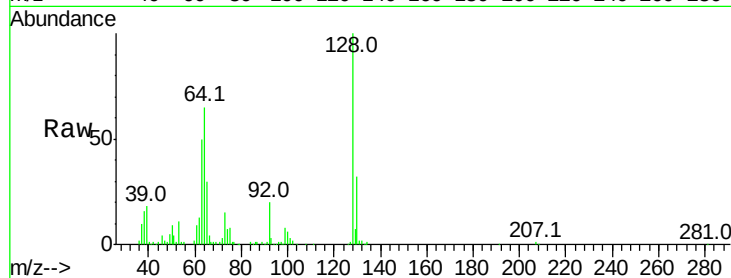
Tot Ion:128 Resp: 198300

Ion Ratio Lower Upper

128 100

64 64.6 31.9 47.9#

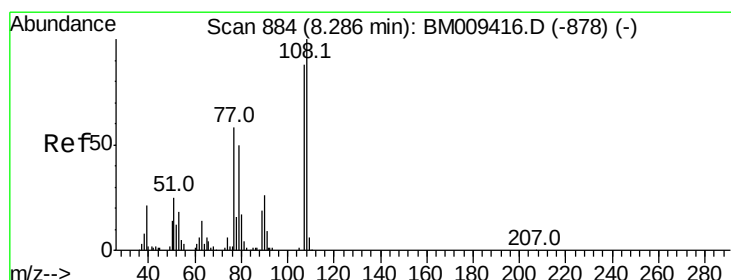
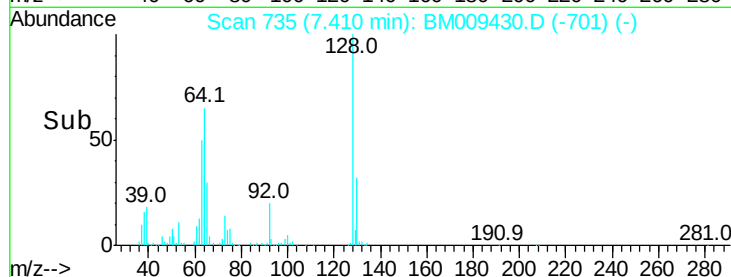
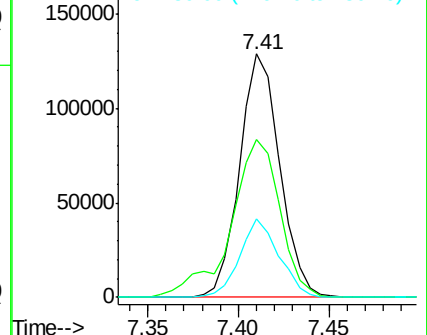
130 32.4 25.6 38.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.78 ng/ul

RT: 8.29 min Scan# 884

Delta R.T. 0.00 min

Lab File: BM009430.D

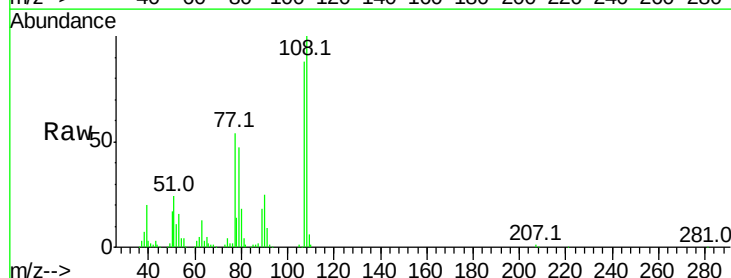
Acq: 28 Mar 2017 01:45

Tgt Ion:108 Resp: 205890

Ion Ratio Lower Upper

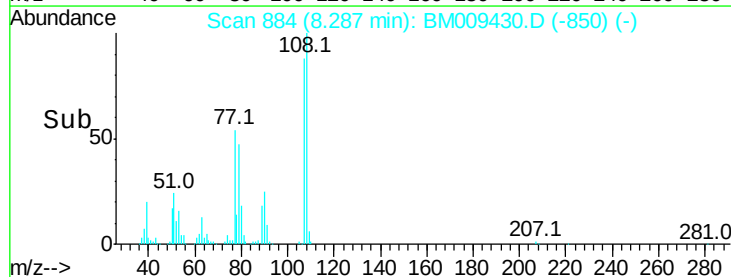
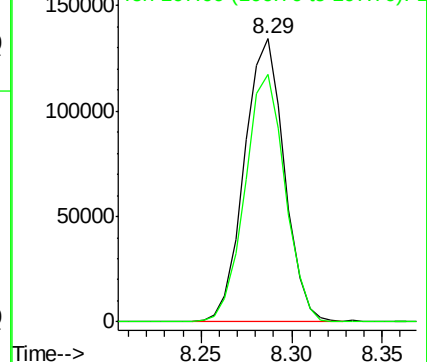
108 100

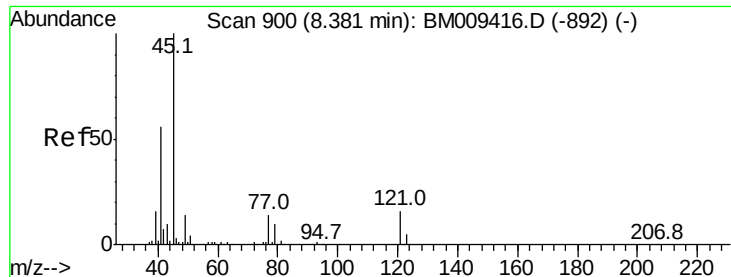
107 87.6 72.4 108.6



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E





#12

2,2'-oxvbis(1-Chloropropane)

Concen: 21.25 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampled :

SSTD02035

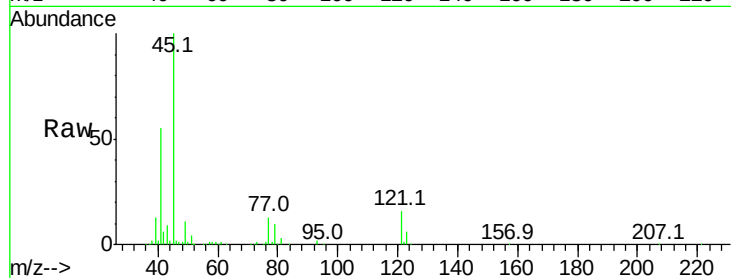
Tot Ion: 45 Resp: 384591

Ion Ratio Lower Upper

45 100

77 12.7 15.9 23.9#

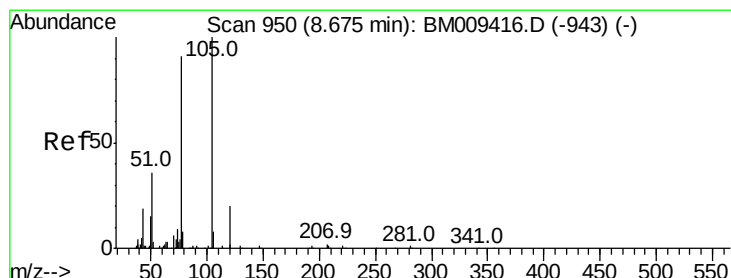
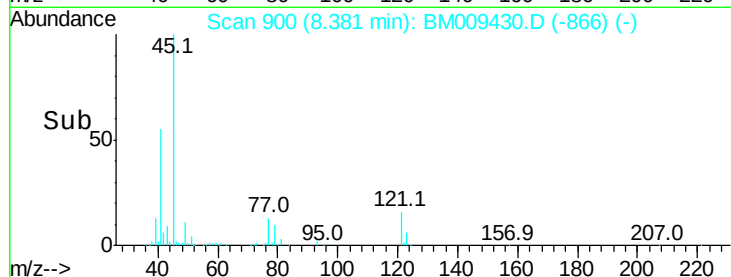
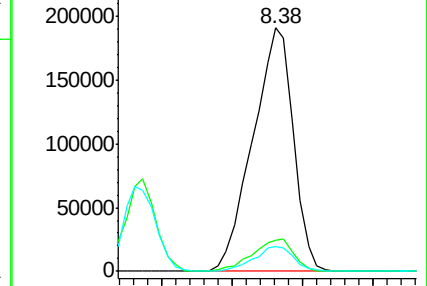
79 10.2 12.5 18.7#



Abundance Ion 45.00 (44.70 to 45.70): BM009416.D (-892) (-)

Ion 77.00 (76.70 to 77.70): BM009416.D (-892) (-)

Ion 79.00 (78.70 to 79.70): BM009416.D (-892) (-)



#14

Acetophenone

Concen: 20.66 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

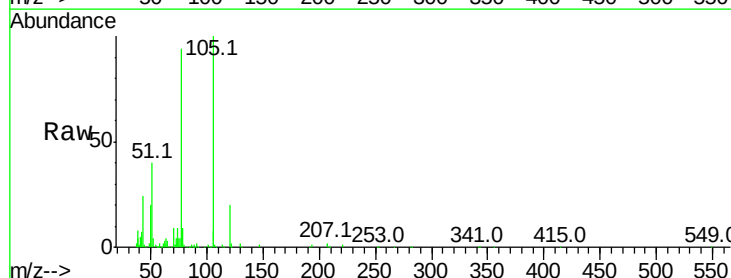
Tgt Ion: 105 Resp: 351974

Ion Ratio Lower Upper

105 100

77 93.9 59.0 88.4#

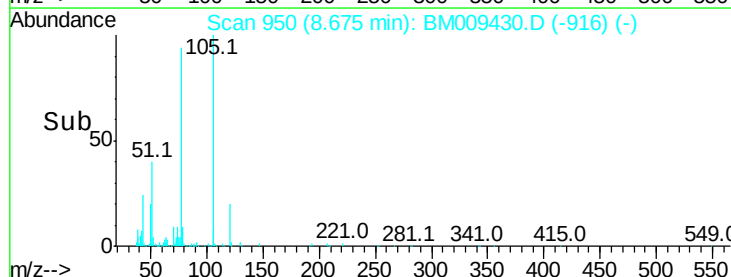
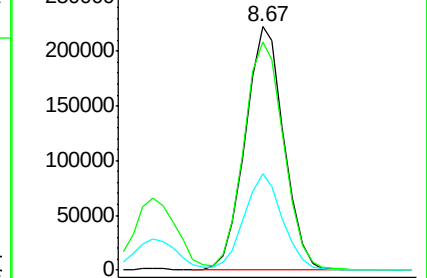
51 39.6 16.4 24.6#



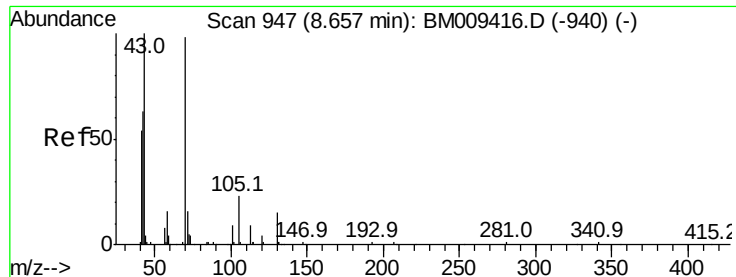
Abundance Ion 105.00 (104.70 to 105.70): BM009416.D (-943) (-)

Ion 77.00 (76.70 to 77.70): BM009416.D (-943) (-)

Ion 51.00 (50.70 to 51.70): BM009416.D (-943) (-)







#15

N-Nitroso-di-n-propylamine

Concen: 21.67 ng/ul

RT: 8.66 min Scan# 947

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

Tot Ion: 70 Resp: 213032

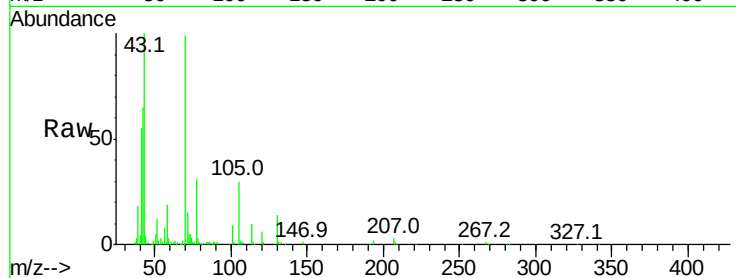
Ion Ratio Lower Upper

70 100

42 65.7 35.4 53.0#

101 9.0 8.4 12.6

130 14.7 18.2 27.4#

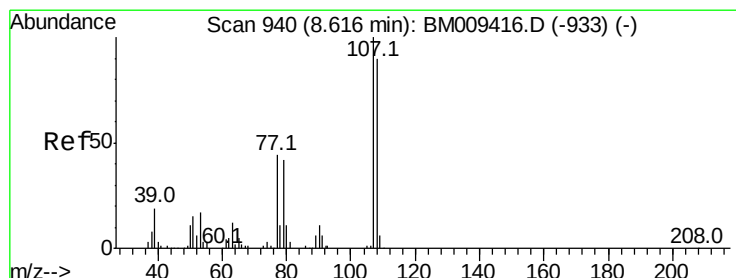
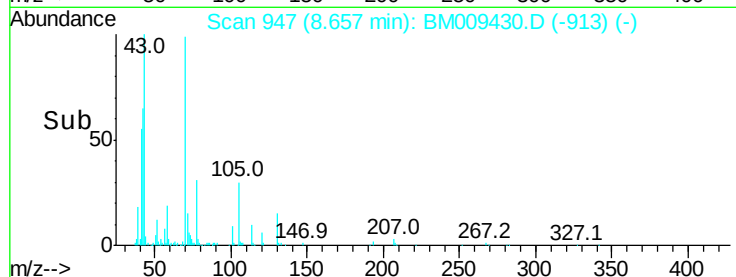
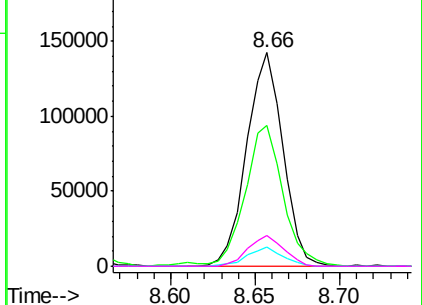


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 21.16 ng/ul

RT: 8.62 min Scan# 940

Delta R.T. 0.00 min

Lab File: BM009430.D

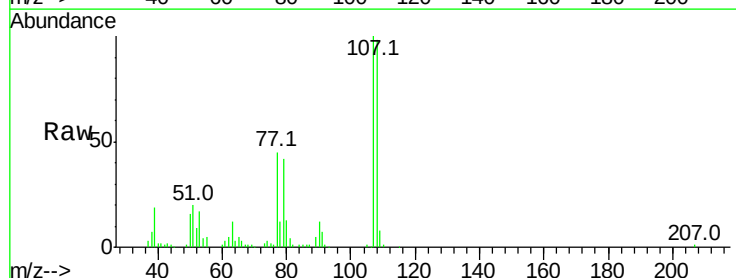
Acq: 28 Mar 2017 01:45

Tgt Ion: 108 Resp: 227627

Ion Ratio Lower Upper

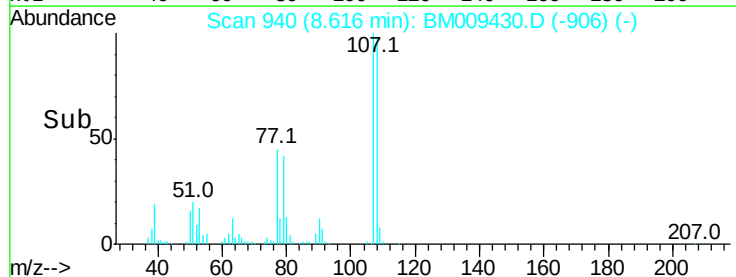
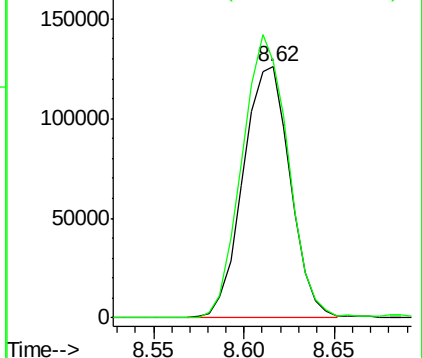
108 100

107 102.3 90.3 135.5

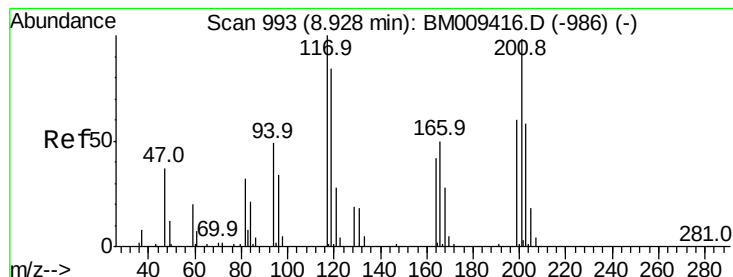


Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E







#17

Hexachloroethane

Concen: 20.23 ng/ul

RT: 8.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

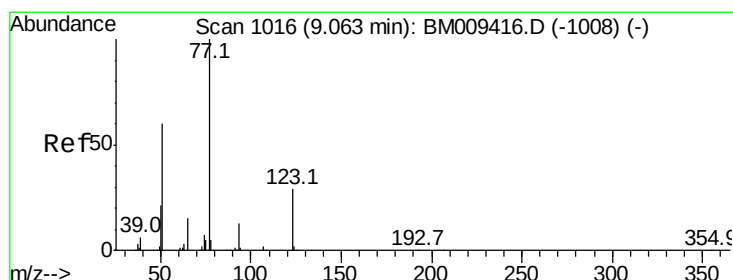
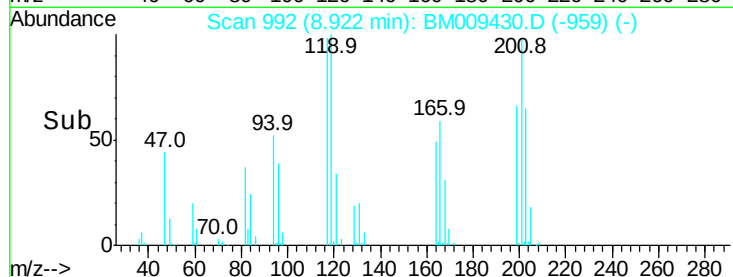
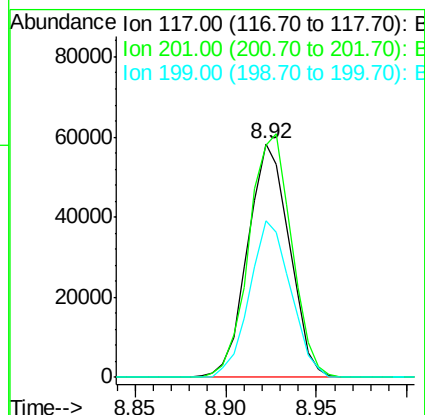
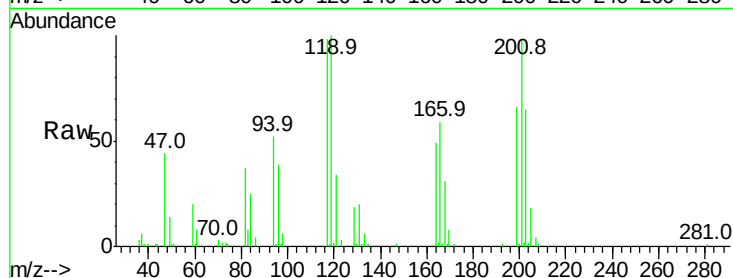
Tot Ion:117 Resp: 93598

Ion Ratio Lower Upper

117 100

201 99.6 81.5 122.3

199 66.9 50.6 76.0



#20

Nitrobenzene

Concen: 20.85 ng/ul

RT: 9.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

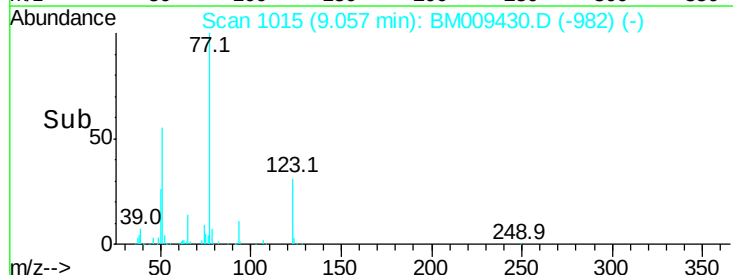
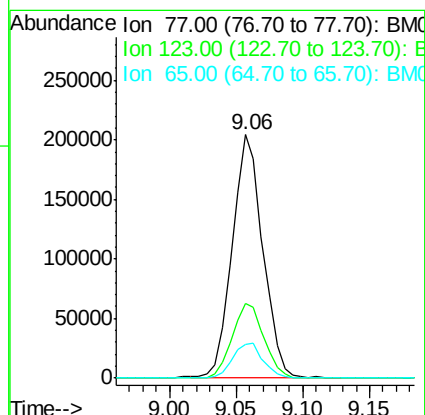
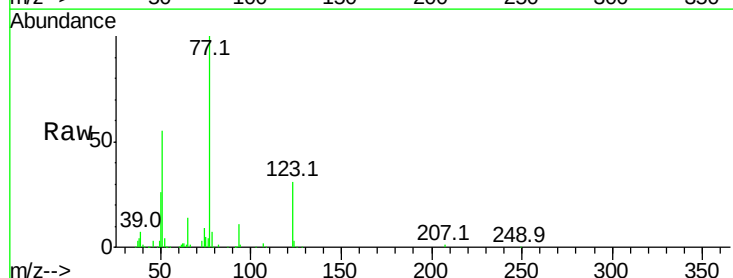
Tgt Ion: 77 Resp: 327266

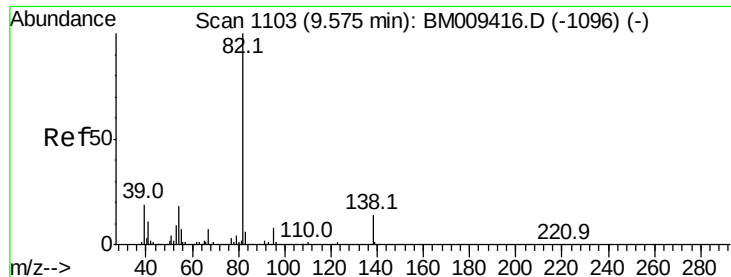
Ion Ratio Lower Upper

77 100

123 30.8 39.0 58.4#

65 13.7 10.4 15.6





#21

Isophorone

Concen: 20.39 ng/ul

RT: 9.57 min Scan# 1103

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

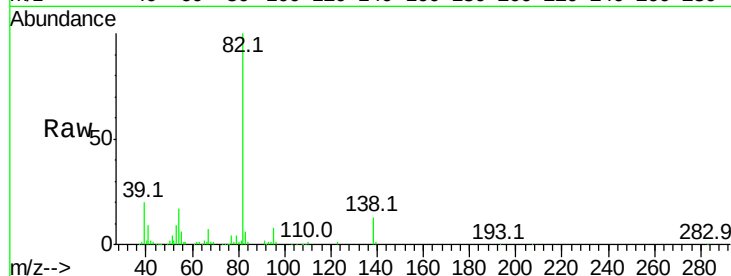
Tot Ion: 82 Resp: 532305

Ion Ratio Lower Upper

82 100

95 7.6 6.4 9.6

138 13.5 14.9 22.3#

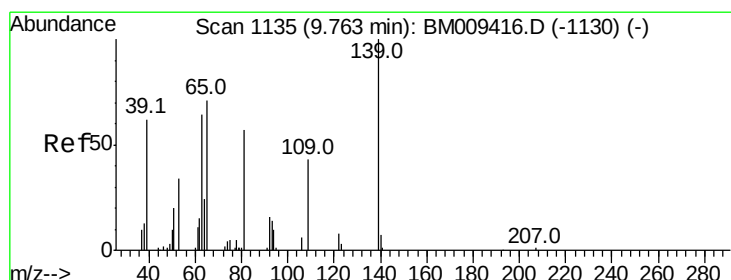
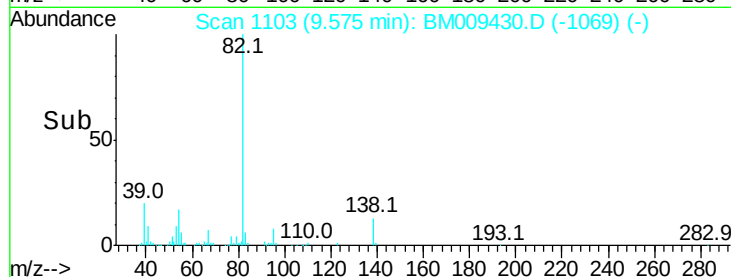


Abundance Ion 82.00 (81.70 to 82.70): BM009430.D (-1101) (-)

Ion 95.00 (94.70 to 95.70): BM009430.D (-1101) (-)

Ion 138.00 (137.70 to 138.70): BM009430.D (-1101) (-)

Time-->



#23

2-Nitrophenol

Concen: 20.36 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. 0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

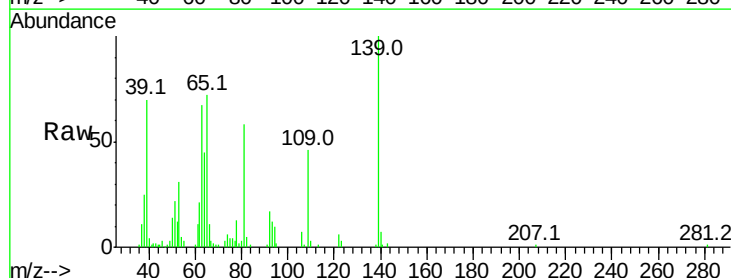
Tgt Ion: 139 Resp: 108720

Ion Ratio Lower Upper

139 100

65 71.7 36.3 54.5#

109 46.3 26.4 39.6#

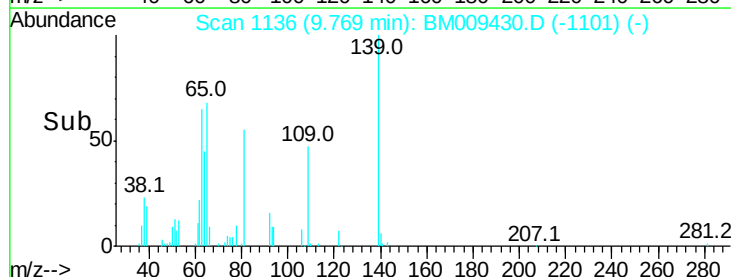


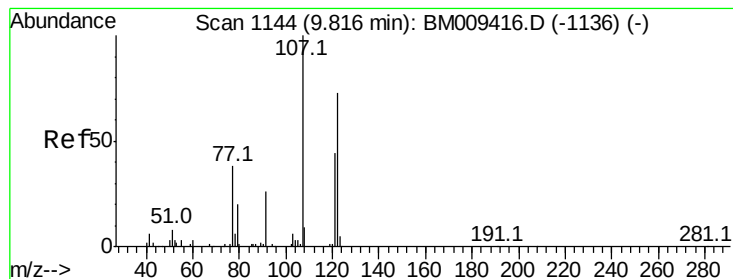
Abundance Ion 139.00 (138.70 to 139.70): BM009430.D (-1101) (-)

Ion 65.00 (64.70 to 65.70): BM009430.D (-1101) (-)

Ion 109.00 (108.70 to 109.70): BM009430.D (-1101) (-)

Time-->





#24

2,4-Dimethylphenol

Concen: 18.64 ng/ul

RT: 9.82 min Scan# 1144

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

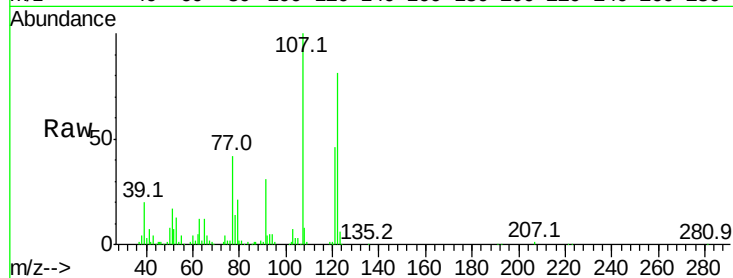
Tot Ion:107 Resp: 245855

Ion Ratio Lower Upper

107 100

121 45.8 40.6 61.0

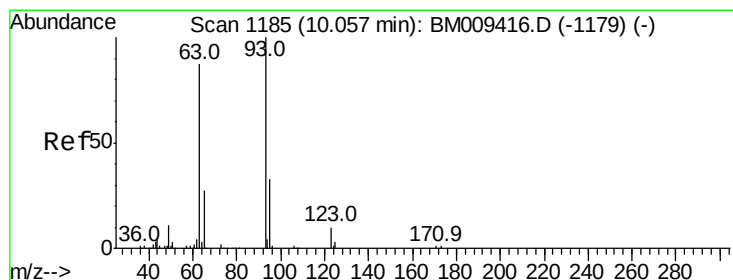
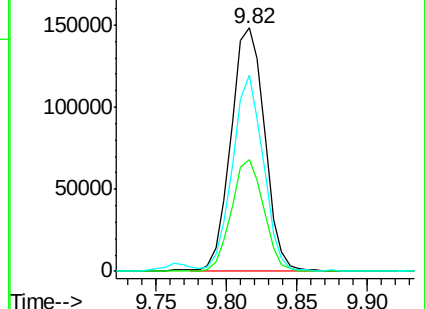
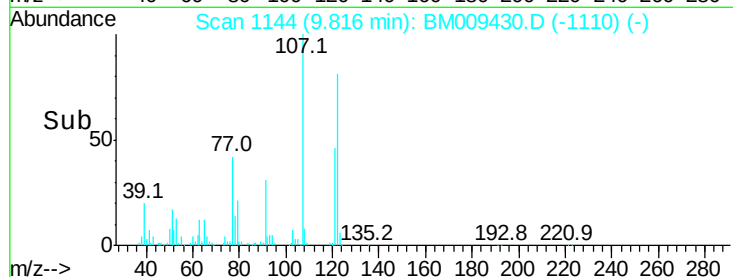
122 80.6 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 20.30 ng/ul

RT: 10.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

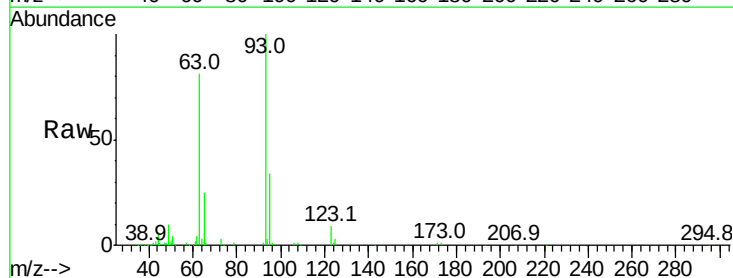
Tgt Ion: 93 Resp: 307010

Ion Ratio Lower Upper

93 100

95 34.1 25.8 38.8

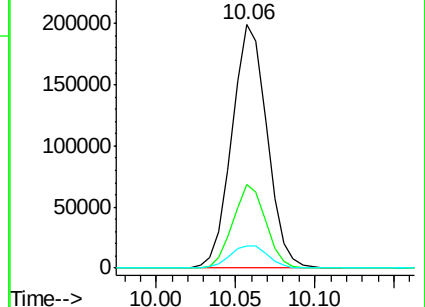
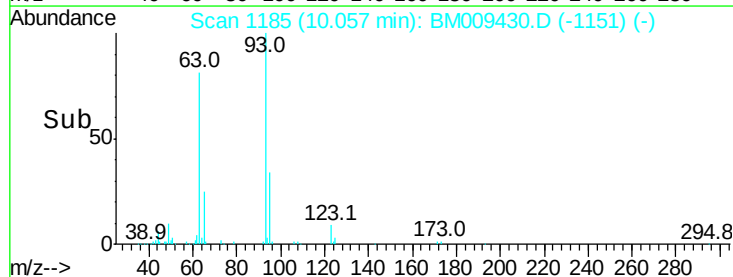
123 9.3 9.8 14.8#

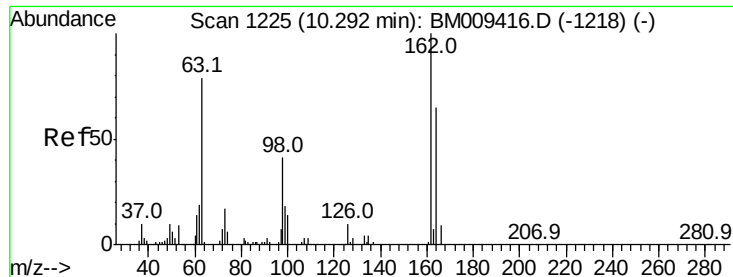


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 20.40 ng/ul

RT: 10.29 min Scan# 1225

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

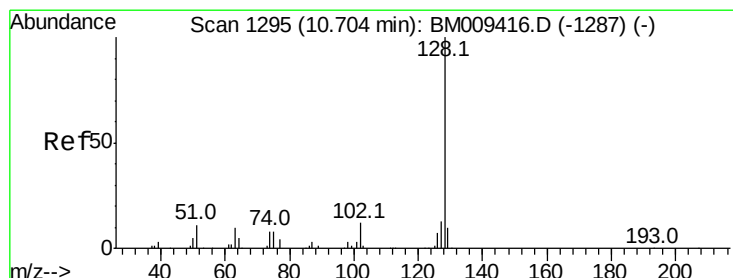
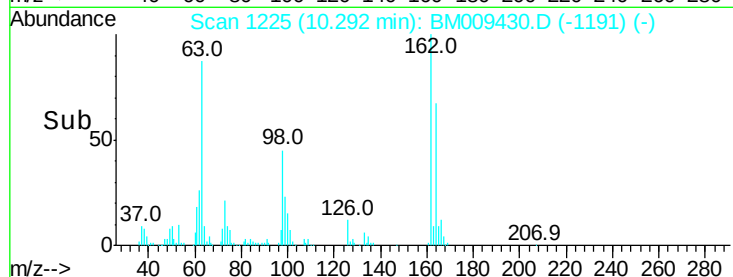
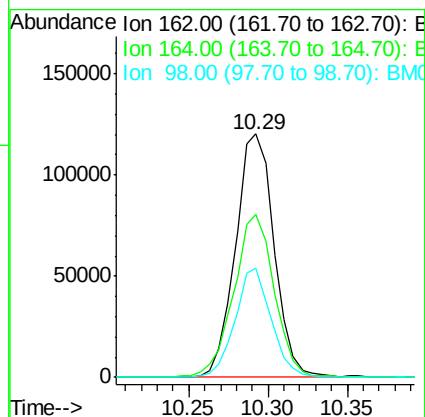
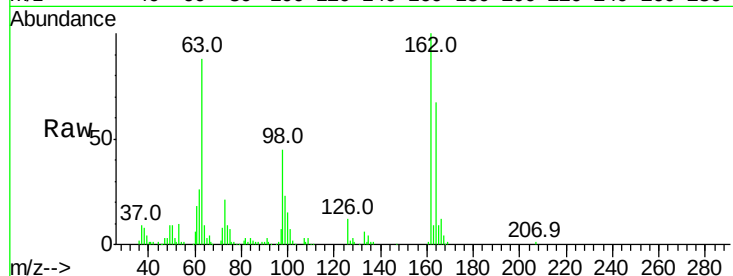
Tot Ion:162 Resp: 203239

Ion Ratio Lower Upper

162 100

164 67.1 52.1 78.1

98 44.9 28.4 42.6#



#28

Naphthalene

Concen: 20.70 ng/ul

RT: 10.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

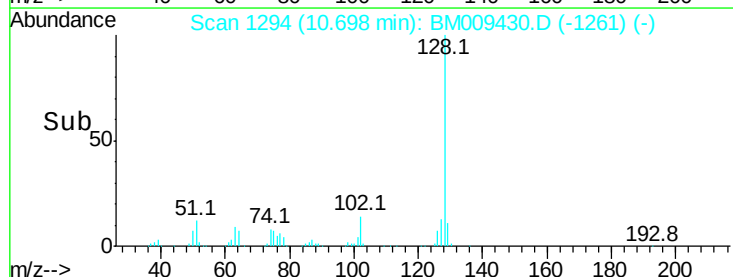
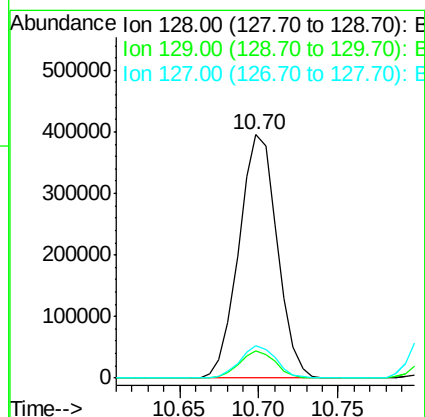
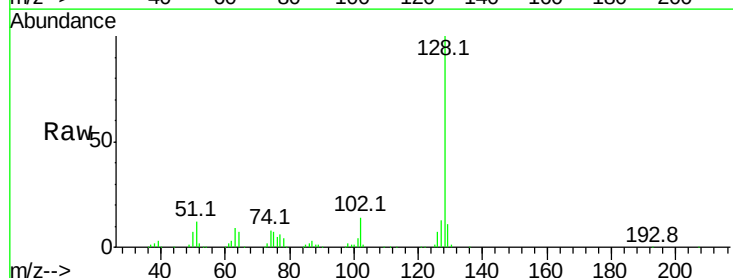
Tgt Ion:128 Resp: 663542

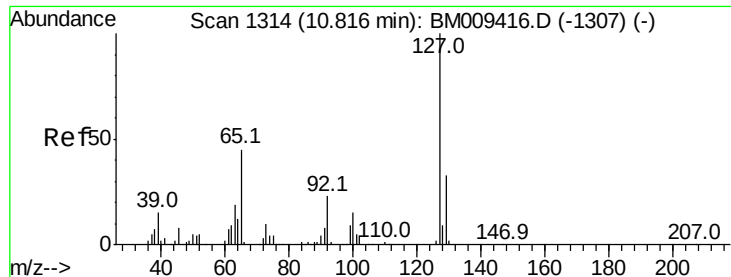
Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

127 13.1 10.5 15.7

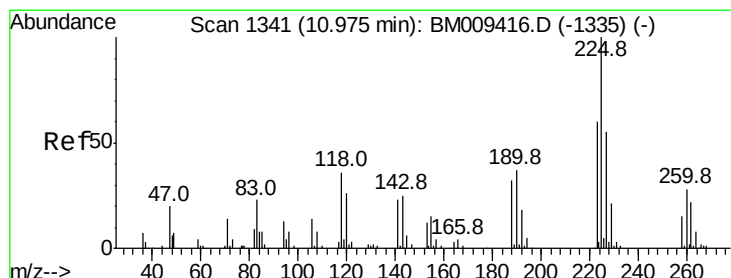
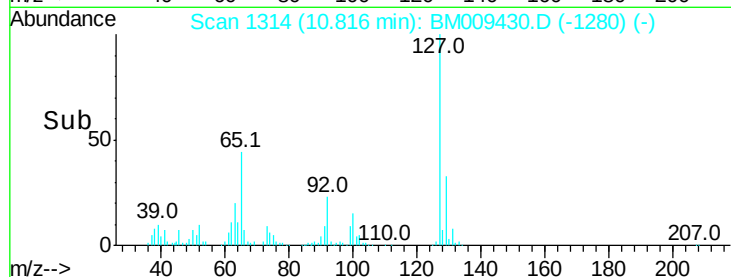
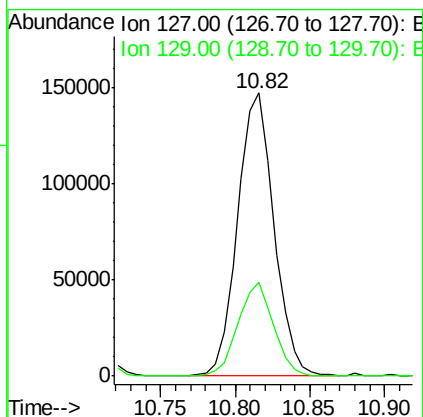
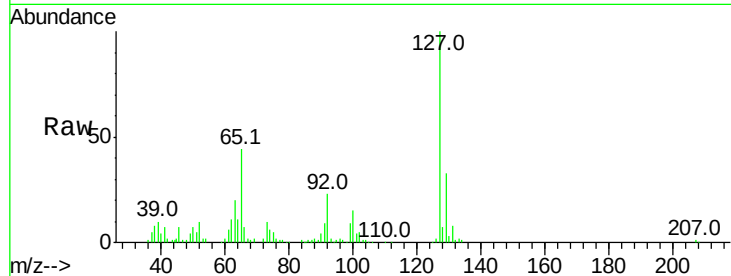




#30  
4-Chloroaniline  
Concen: 20.68 ng/ul  
RT: 10.82 min Scan# 1314  
Delta R.T. 0.00 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

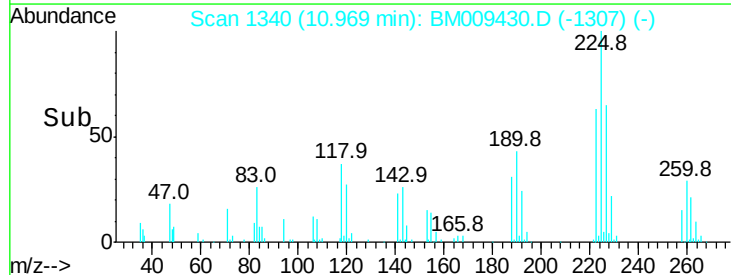
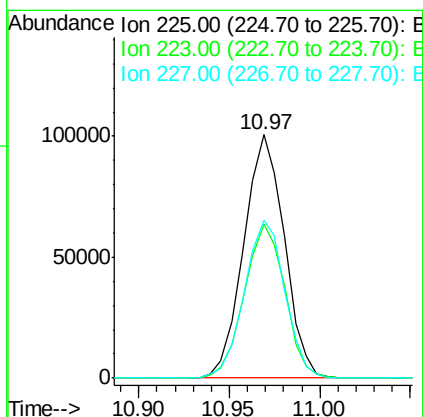
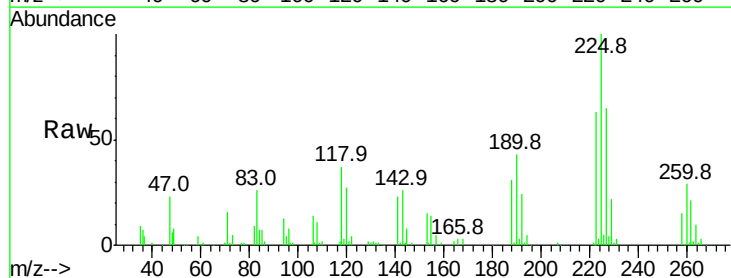
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02035

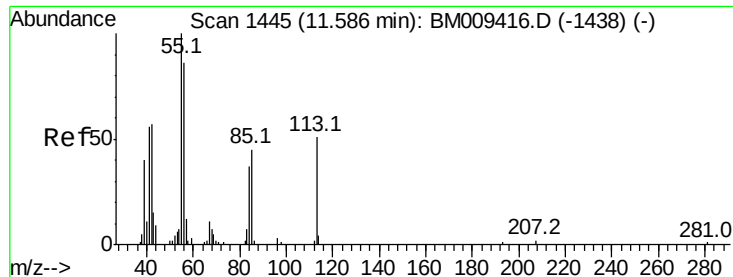
Tot Ion:127 Resp: 249324  
Ion Ratio Lower Upper  
127 100  
129 33.0 25.4 38.2



#31  
Hexachlorobutadiene  
Concen: 20.10 ng/ul  
RT: 10.97 min Scan# 1340  
Delta R.T. -0.01 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

Tgt Ion:225 Resp: 156851  
Ion Ratio Lower Upper  
225 100  
223 63.1 51.4 77.2  
227 64.8 50.7 76.1





#32

Caprolactam

Concen: 19.67 ng/ul

RT: 11.59 min Scan# 1445

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

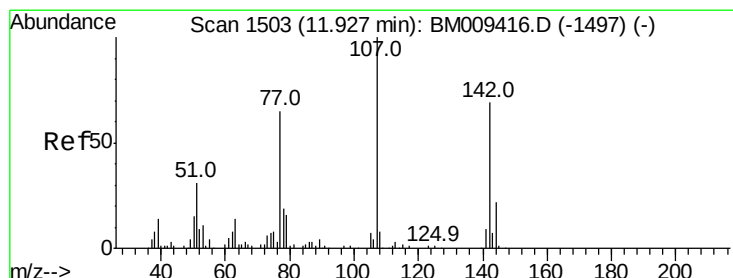
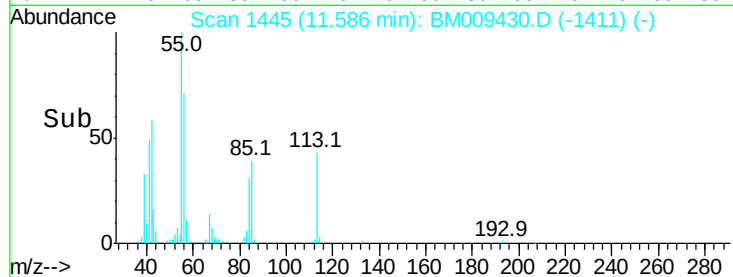
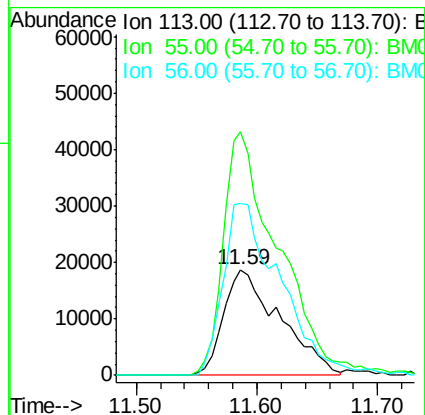
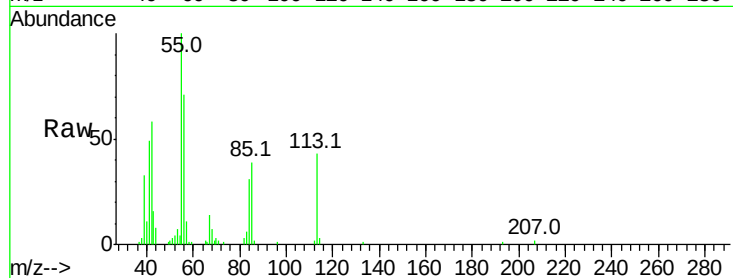
Tot Ion:113 Resp: 60363

Ion Ratio Lower Upper

113 100

55 230.1 101.9 152.9#

56 162.9 81.2 121.8#



#33

4-Chloro-3-methylphenol

Concen: 20.86 ng/ul

RT: 11.93 min Scan# 1503

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

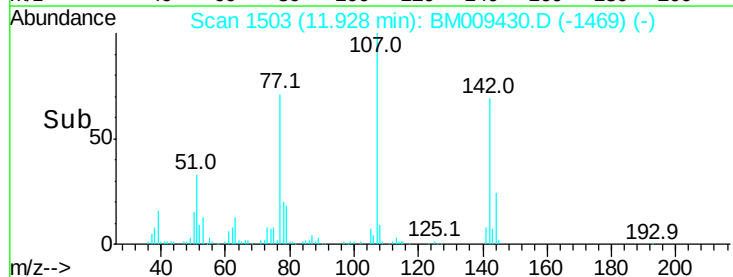
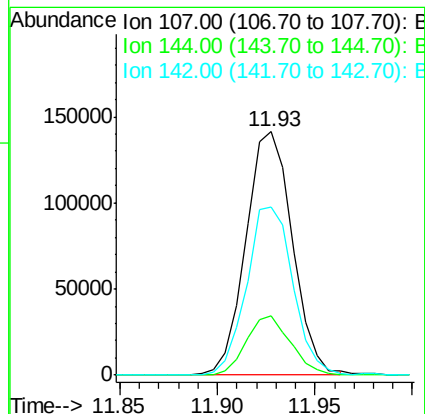
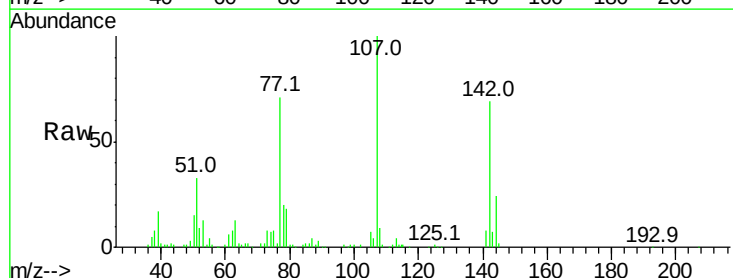
Tgt Ion:107 Resp: 233372

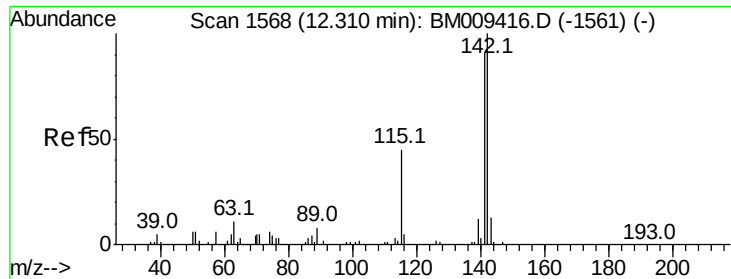
Ion Ratio Lower Upper

107 100

144 24.3 20.4 30.6

142 69.1 62.5 93.7

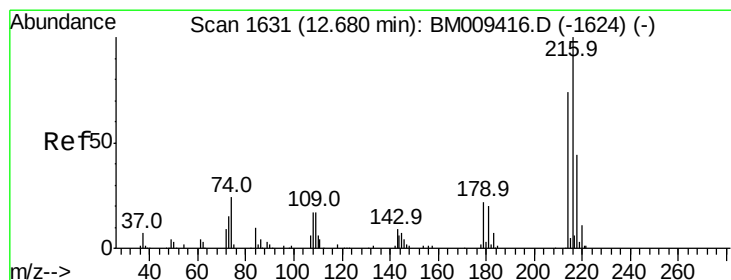
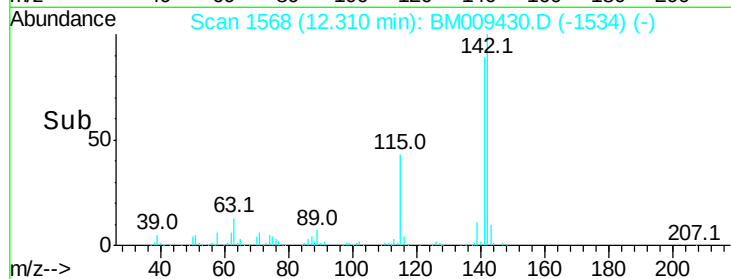
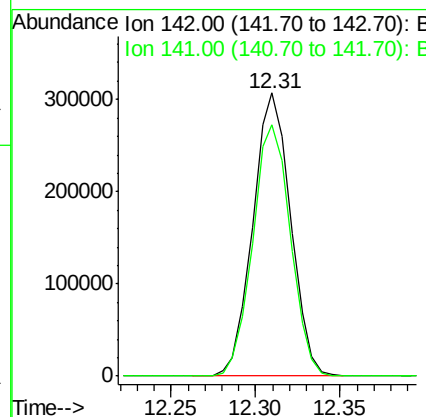
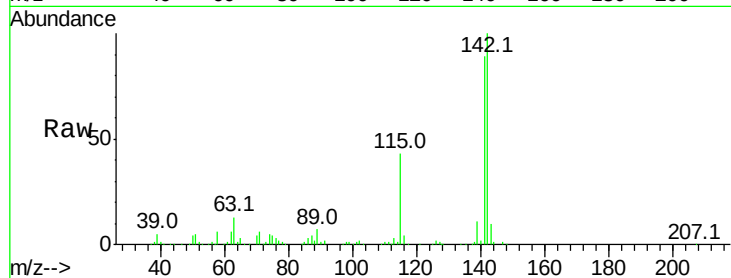




#34  
 2-Methylnaphthalene  
 Concen: 20.70 ng/ul  
 RT: 12.31 min Scan# 1568  
 Delta R.T. 0.00 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

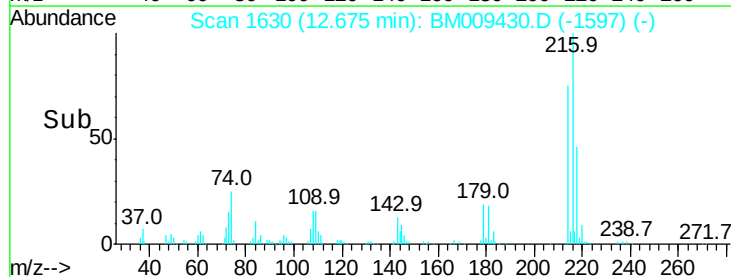
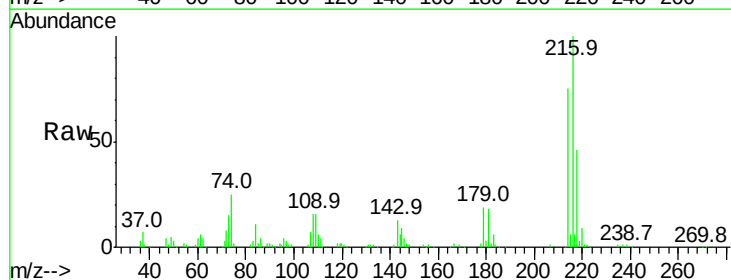
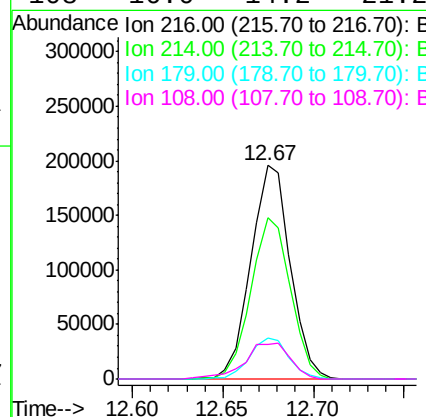
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

Tot Ion:142 Resp: 478464  
 Ion Ratio Lower Upper  
 142 100  
 141 88.9 71.6 107.4

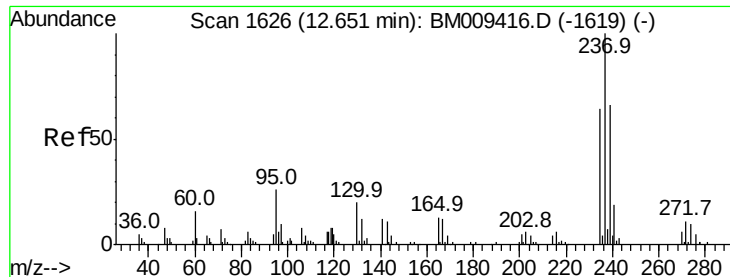


#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.89 ng/ul  
 RT: 12.67 min Scan# 1630  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

Tgt Ion:216 Resp: 295955  
 Ion Ratio Lower Upper  
 216 100  
 214 75.3 62.5 93.7  
 179 18.9 18.2 27.2  
 108 16.0 14.2 21.2







#37

Hexachlorocyclopentadiene

Concen: 14.36 ng/ul

RT: 12.65 min Scan# 1626

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

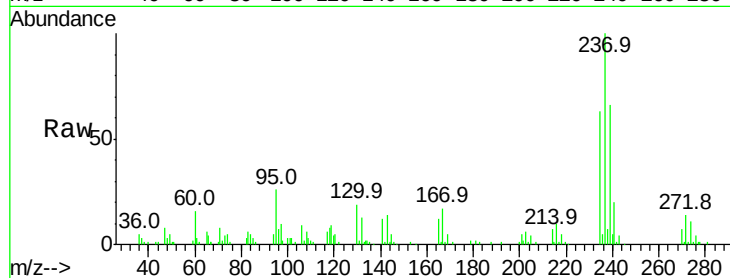
Tot Ion:237 Resp: 121837

Ion Ratio Lower Upper

237 100

235 63.2 50.4 75.6

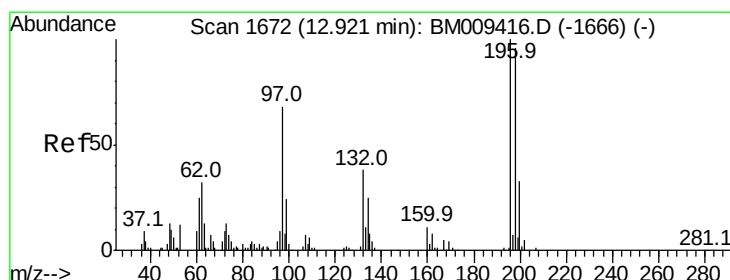
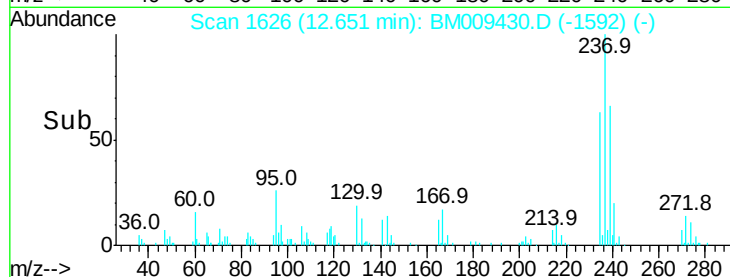
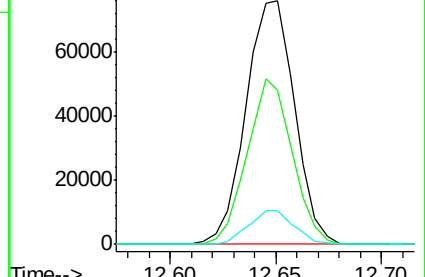
272 14.6 9.6 14.4#



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.10 ng/ul

RT: 12.92 min Scan# 1672

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

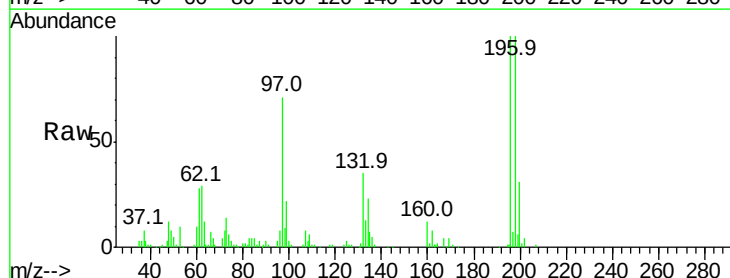
Tgt Ion:196 Resp: 167103

Ion Ratio Lower Upper

196 100

198 100.3 76.6 114.8

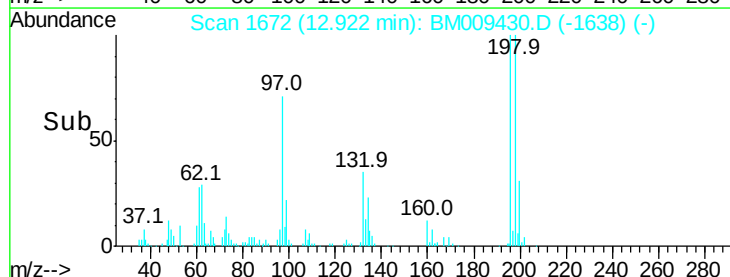
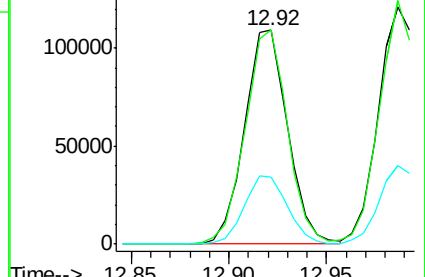
200 31.5 24.7 37.1

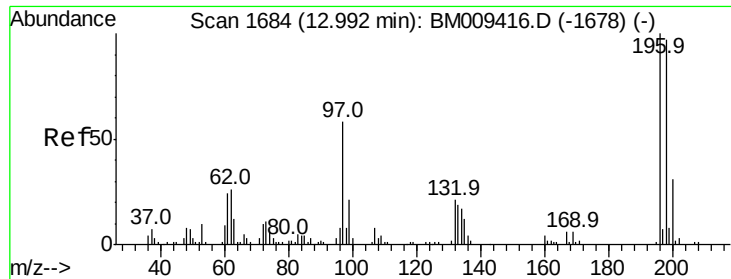


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

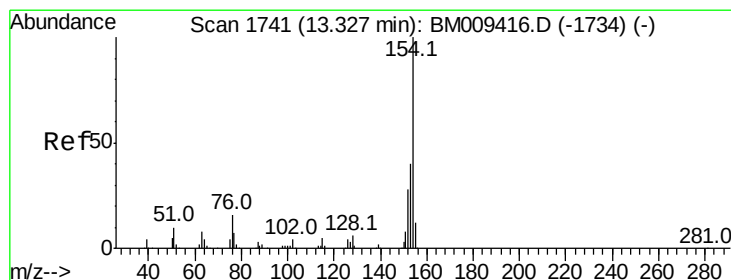
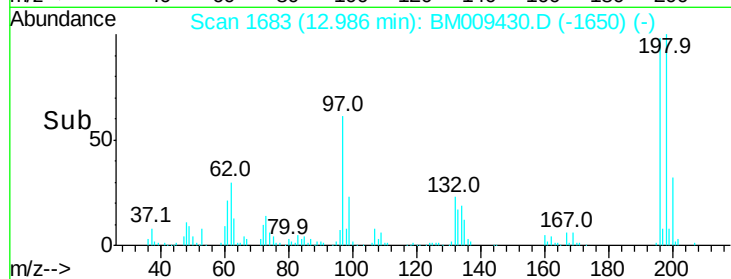
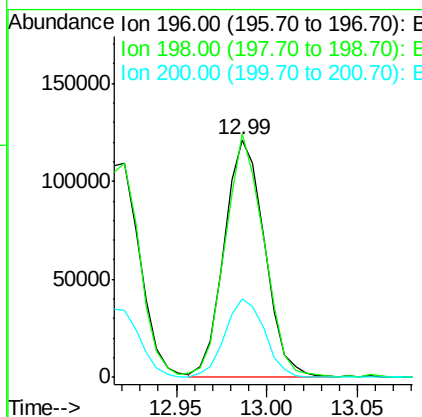
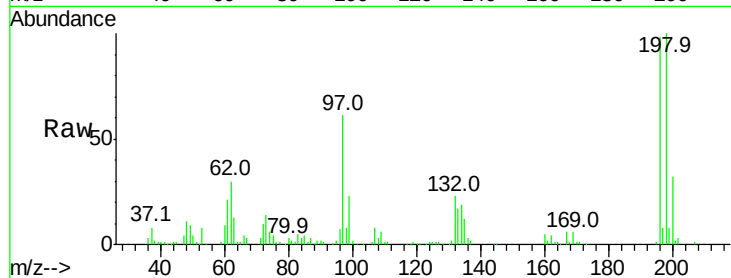




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.78 ng/ul  
 RT: 12.99 min Scan# 1683  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

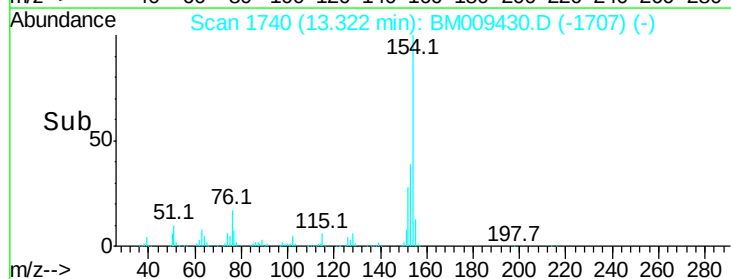
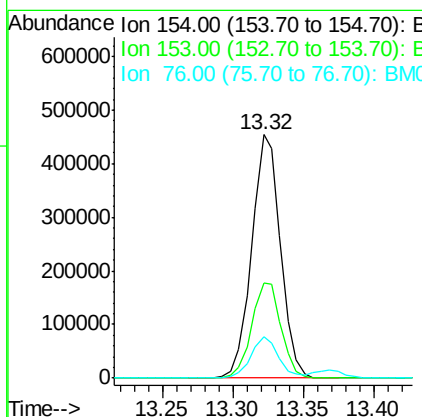
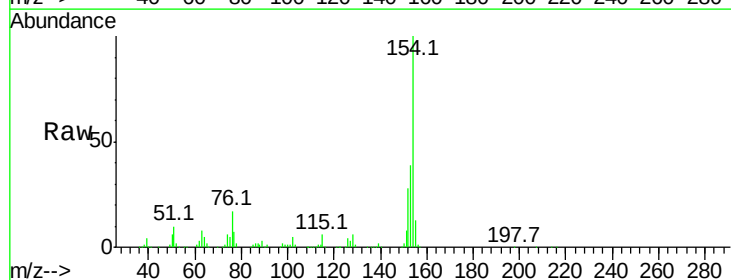
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

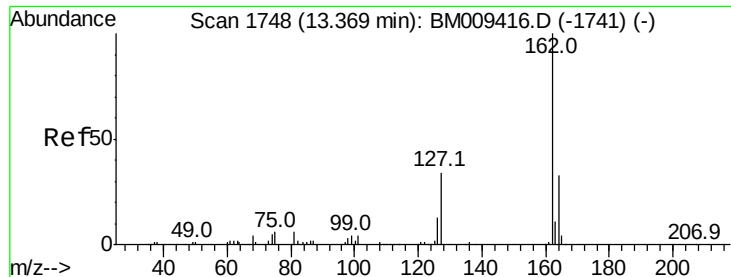
Tot Ion:196 Resp: 186068  
 Ion Ratio Lower Upper  
 196 100  
 198 102.5 76.9 115.3  
 200 32.9 25.0 37.4



#40  
 1,1'-Biphenyl  
 Concen: 21.85 ng/ul  
 RT: 13.32 min Scan# 1740  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

Tgt Ion:154 Resp: 649711  
 Ion Ratio Lower Upper  
 154 100  
 153 39.1 32.1 48.1  
 76 17.0 9.5 14.3#

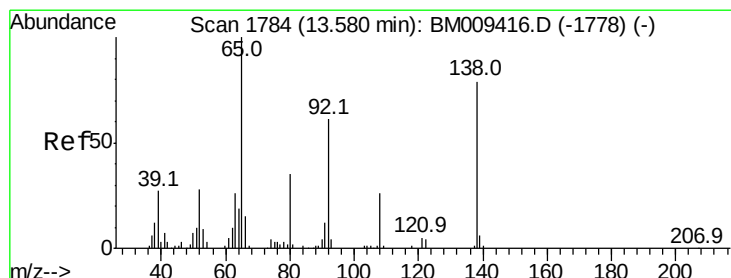
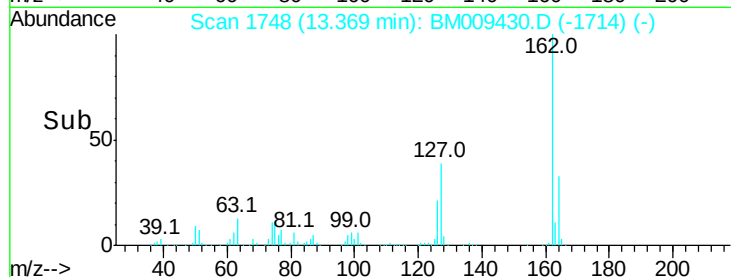
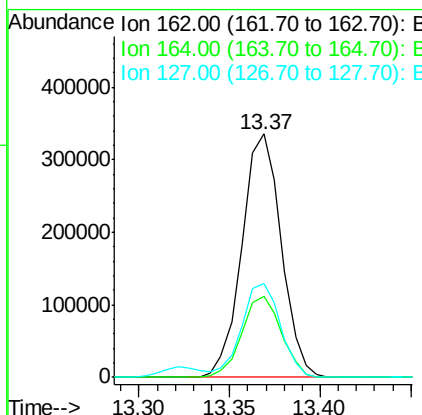
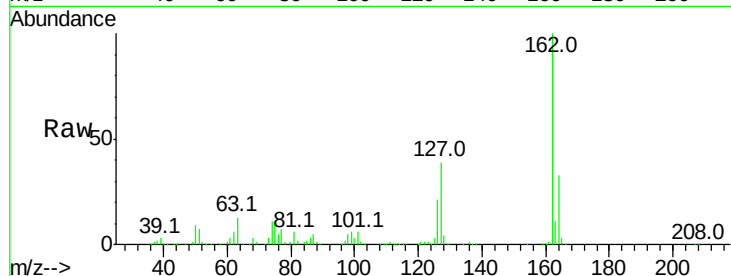




#41  
 2-Chloronaphthalene  
 Concen: 21.90 ng/ul  
 RT: 13.37 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

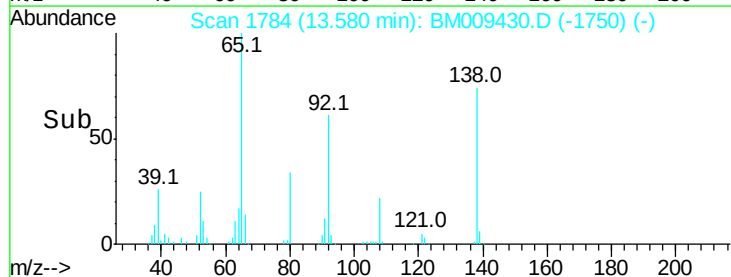
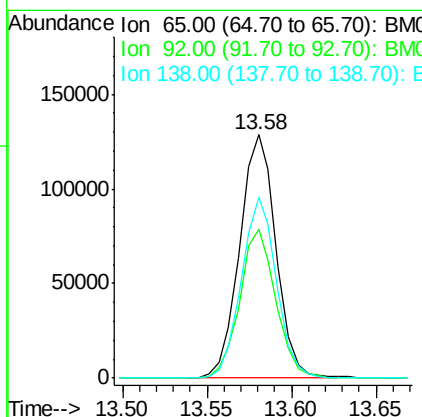
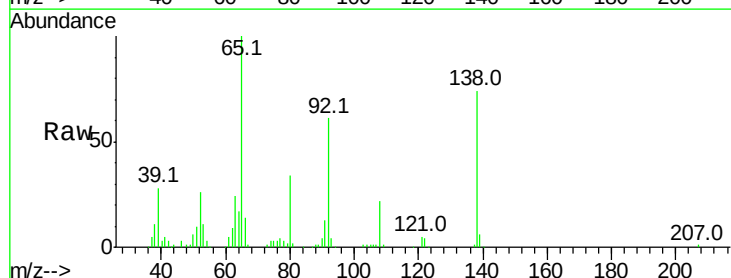
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

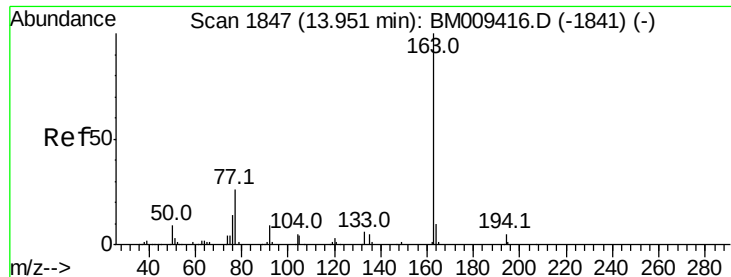
Tot Ion:162 Resp: 506632  
 Ion Ratio Lower Upper  
 162 100  
 164 33.3 25.9 38.9  
 127 38.6 34.1 51.1



#42  
 2-Nitroaniline  
 Concen: 22.57 ng/ul  
 RT: 13.58 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

Tgt Ion: 65 Resp: 192466  
 Ion Ratio Lower Upper  
 65 100  
 92 61.2 60.4 90.6  
 138 74.1 99.8 149.6#





#44

Dimethylphthalate

Concen: 22.15 ng/ul

RT: 13.95 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

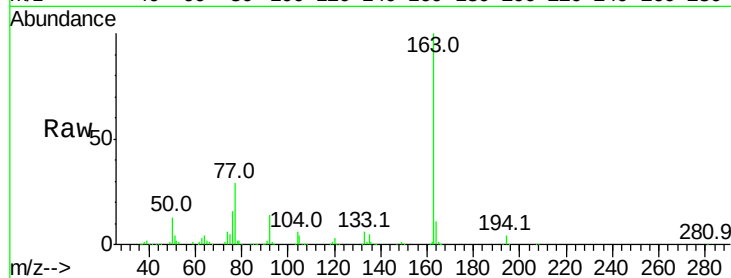
Tot Ion:163 Resp: 625401

Ion Ratio Lower Upper

163 100

194 4.4 3.2 4.8

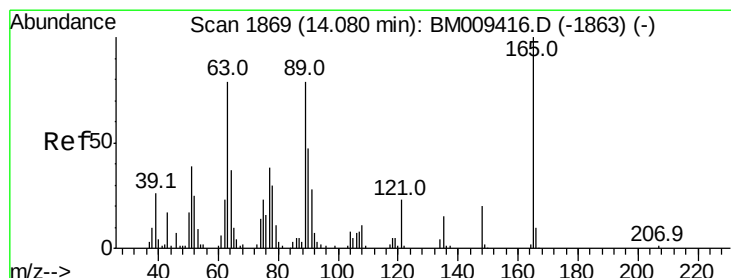
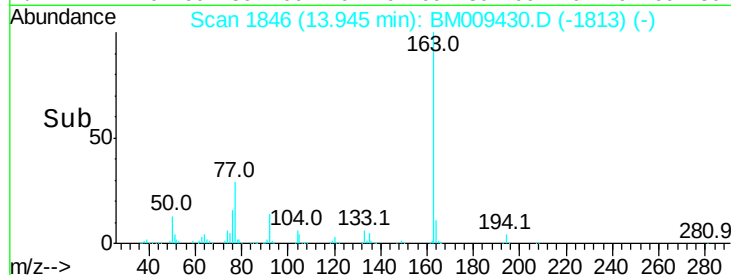
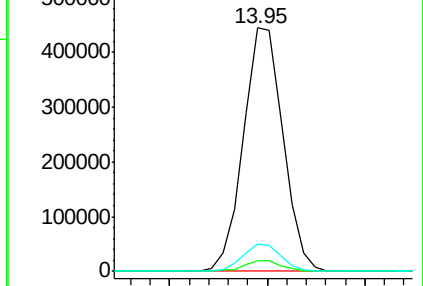
164 11.1 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 22.56 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

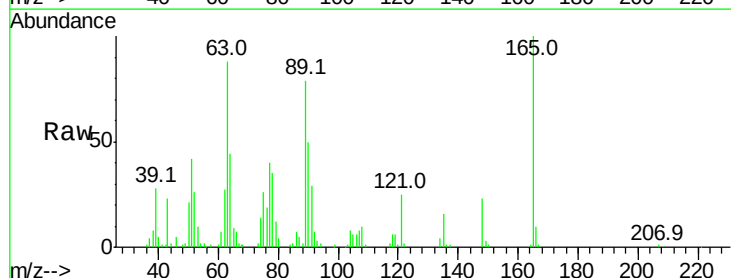
Tgt Ion:165 Resp: 123128

Ion Ratio Lower Upper

165 100

89 78.9 42.4 63.6#

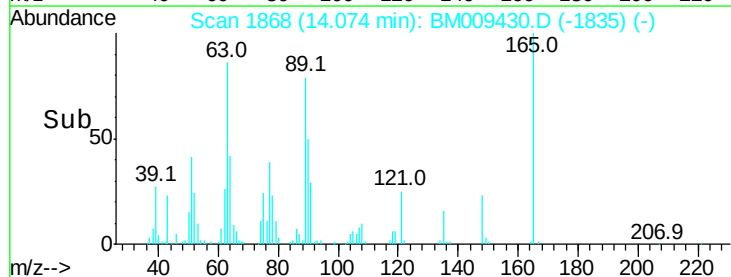
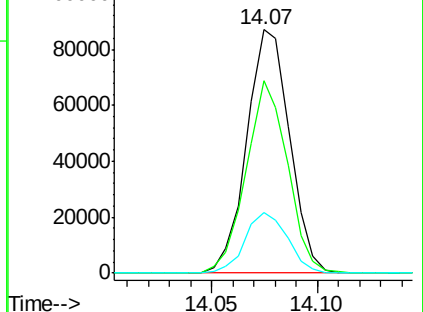
121 24.9 16.6 24.8#

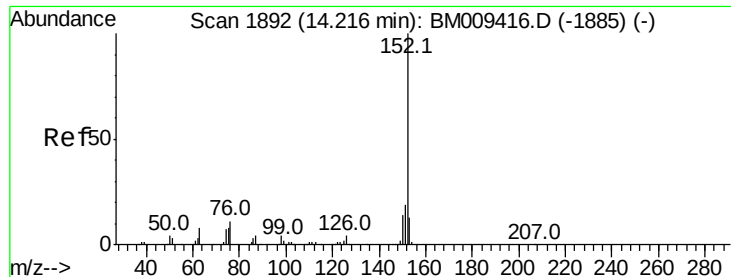


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 22.27 ng/ul

RT: 14.22 min Scan# 1892

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

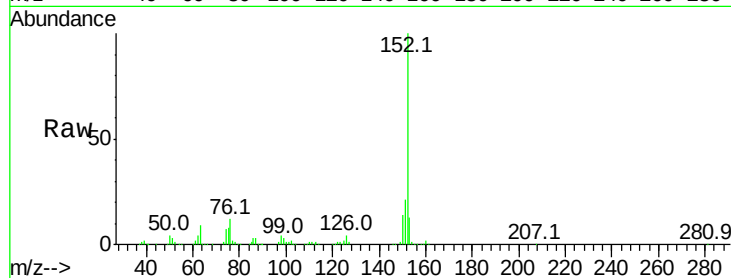
Tot Ion:152 Resp: 787633

Ion Ratio Lower Upper

152 100

151 20.7 15.7 23.5

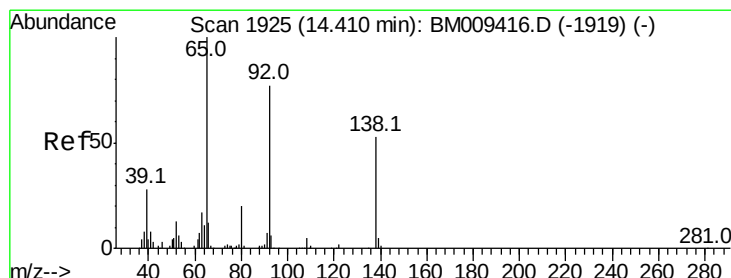
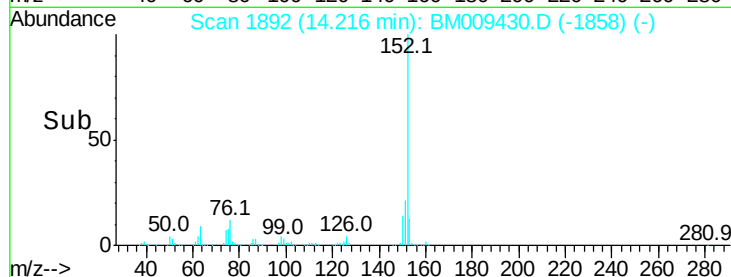
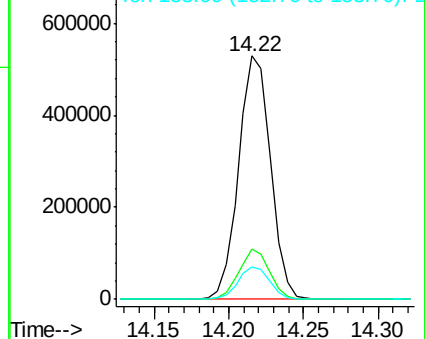
153 13.2 10.5 15.7



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: 22.18 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

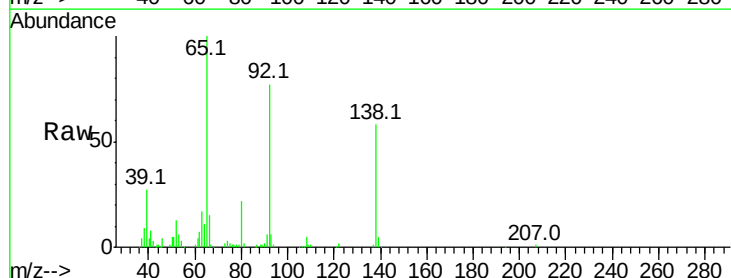
Tgt Ion:138 Resp: 124813

Ion Ratio Lower Upper

138 100

108 9.2 8.7 13.1

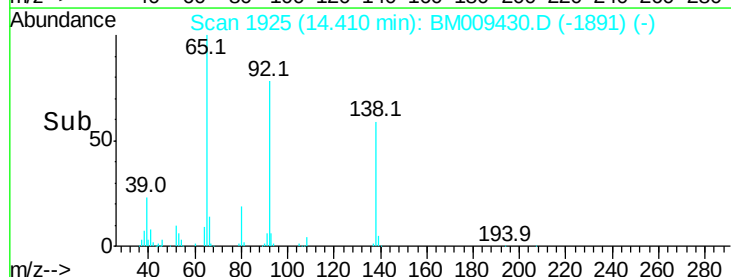
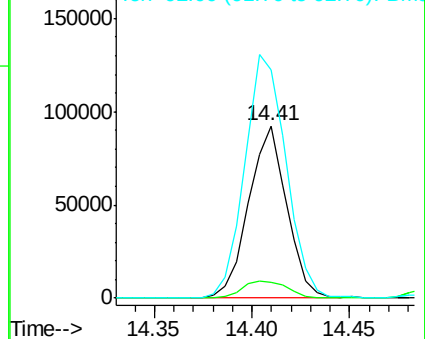
92 132.4 88.2 132.4#

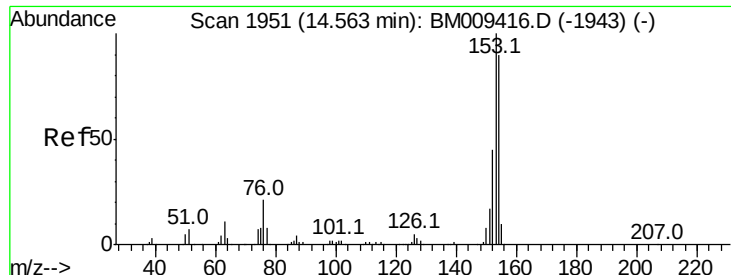


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 22.91 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

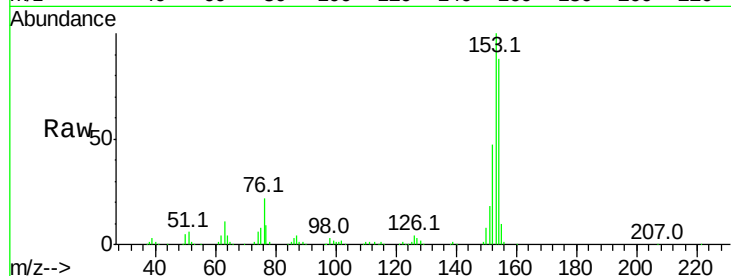
Tot Ion:153 Resp: 569036

Ion Ratio Lower Upper

153 100

152 47.4 38.3 57.5

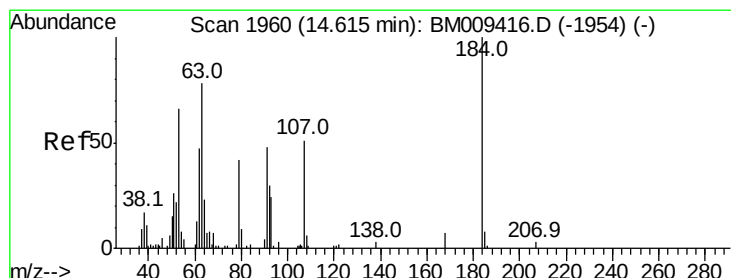
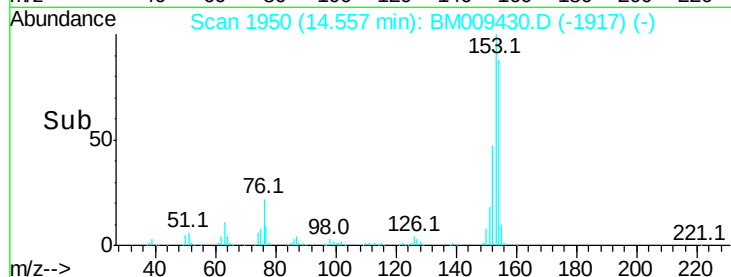
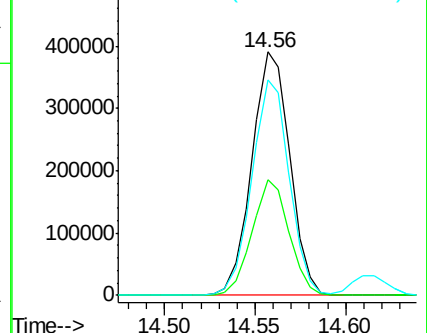
154 88.2 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 17.96 ng/ul

RT: 14.61 min Scan# 1959

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

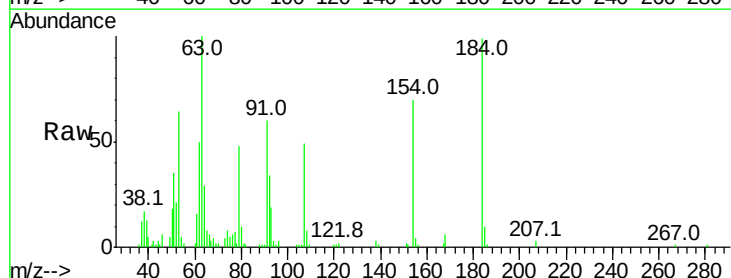
Tgt Ion:184 Resp: 67357

Ion Ratio Lower Upper

184 100

63 100.7 46.5 69.7#

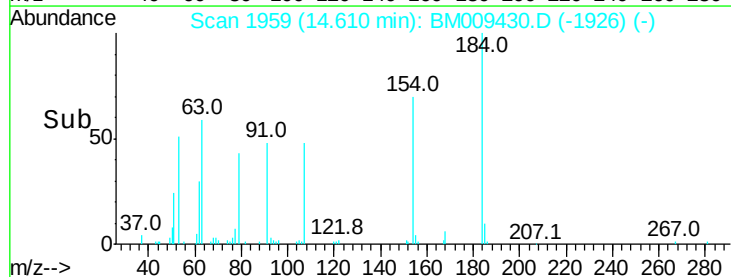
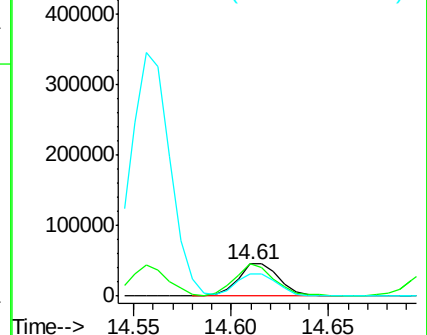
154 70.1 54.6 82.0

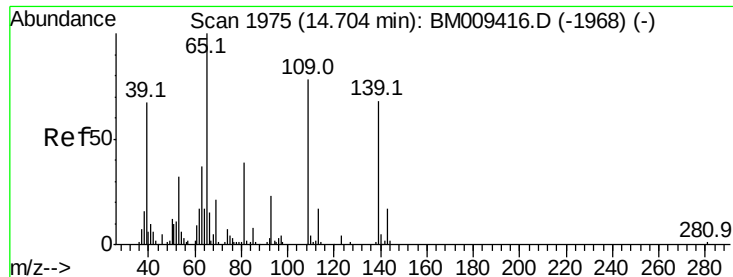


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 21.51 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

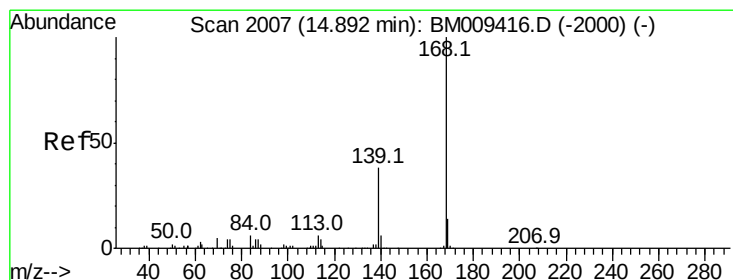
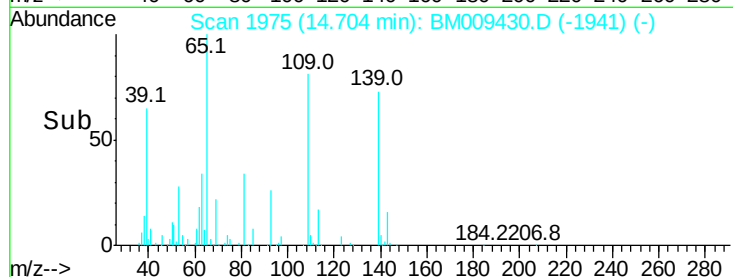
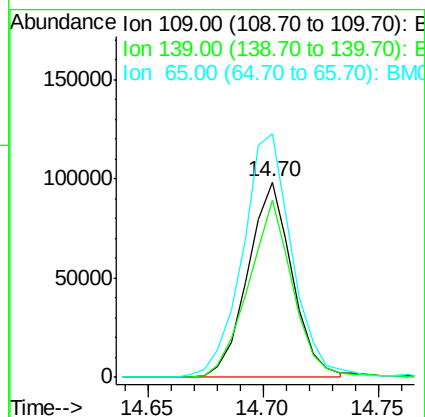
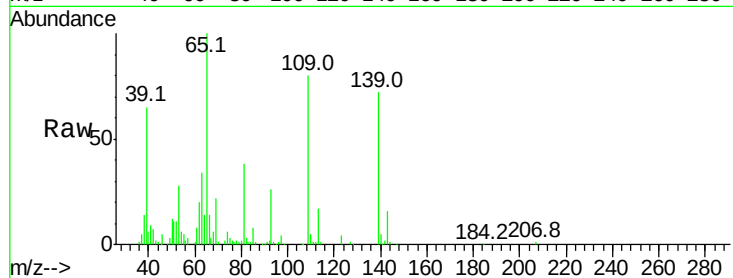
Tot Ion:109 Resp: 131532

Ion Ratio Lower Upper

109 100

139 90.5 103.7 155.5#

65 124.8 89.4 134.2



#53

Dibenzofuran

Concen: 23.12 ng/ul

RT: 14.89 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BM009430.D

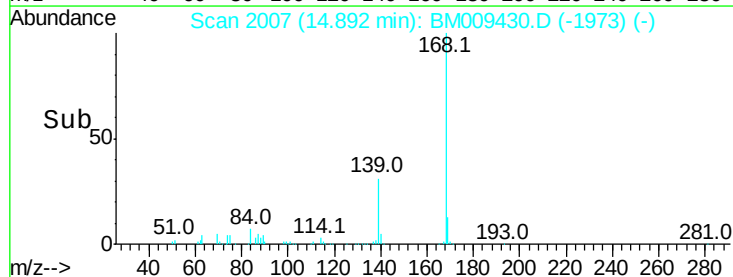
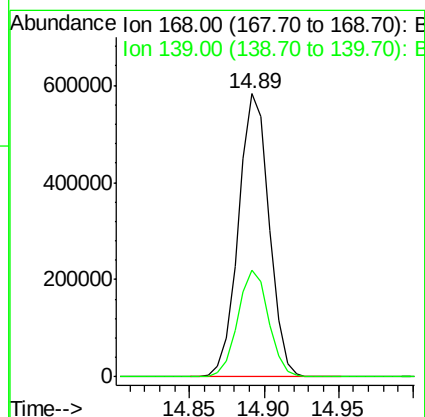
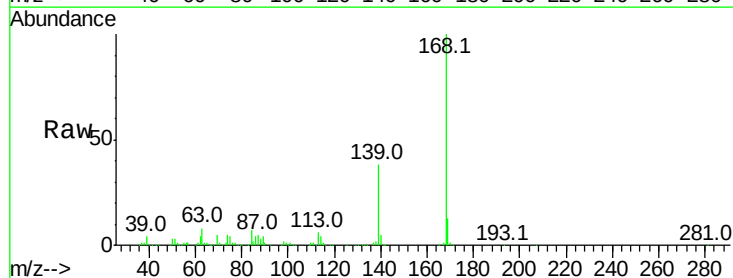
Acq: 28 Mar 2017 01:45

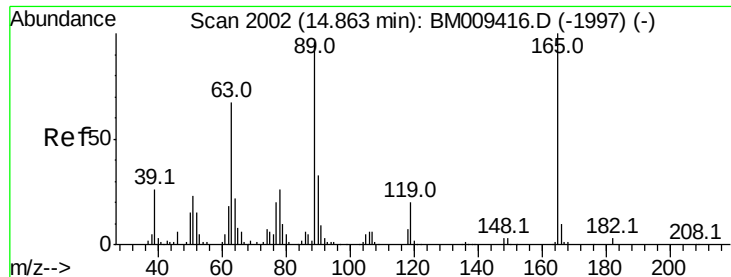
Tgt Ion:168 Resp: 832493

Ion Ratio Lower Upper

168 100

139 37.9 32.2 48.2





#54

2,4-Dinitrotoluene

Concen: 22.83 ng/ul

RT: 14.86 min Scan# 2002

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

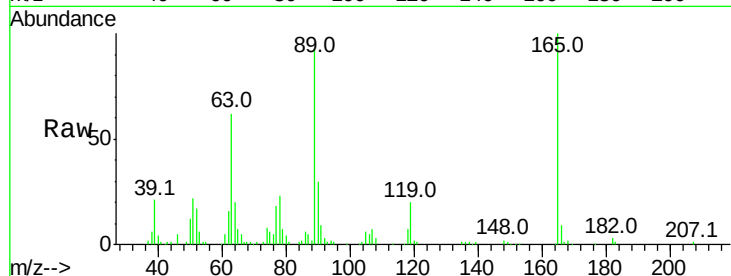
Tot Ion:165 Resp: 186201

Ion Ratio Lower Upper

165 100

63 61.8 29.8 44.6#

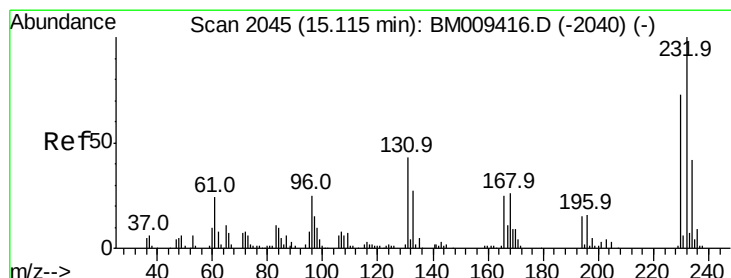
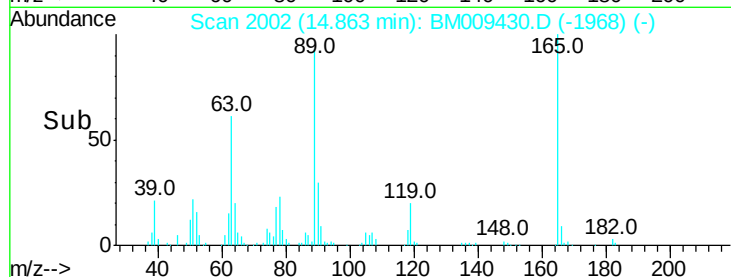
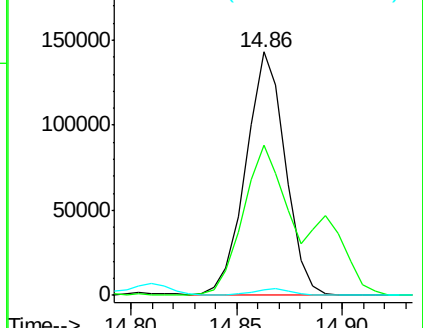
182 2.5 2.2 3.4



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: 22.30 ng/ul

RT: 15.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:232 Resp: 171694

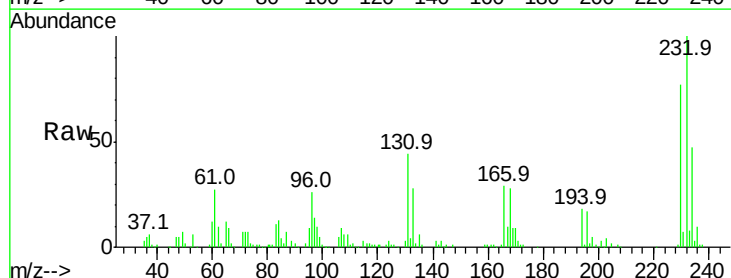
Ion Ratio Lower Upper

232 100

131 43.8 39.4 59.2

130 3.1 2.2 3.2

166 29.3 26.6 39.8

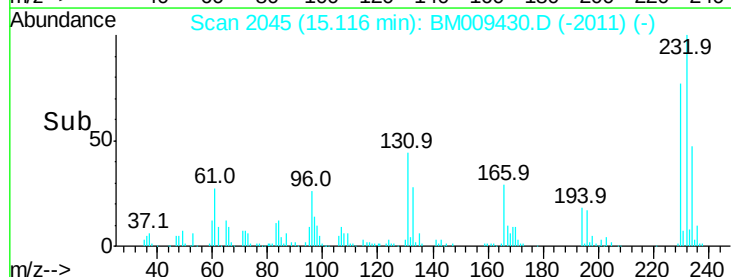
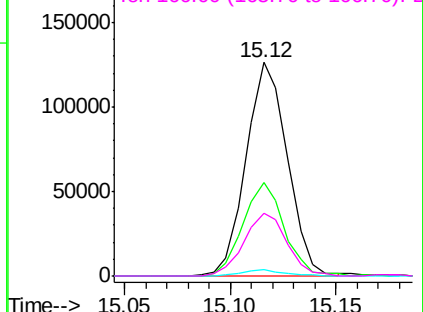


Abundance Ion 232.00 (231.70 to 232.70): E

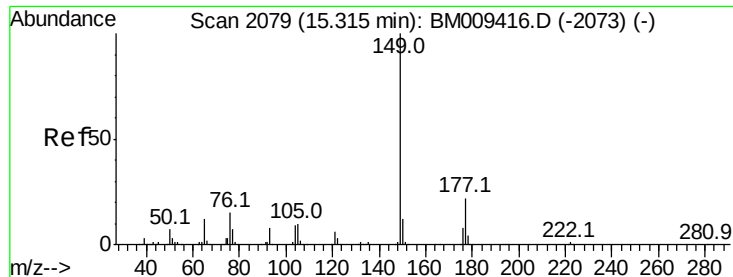
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



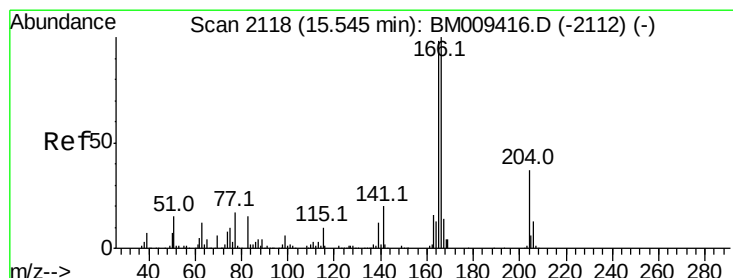
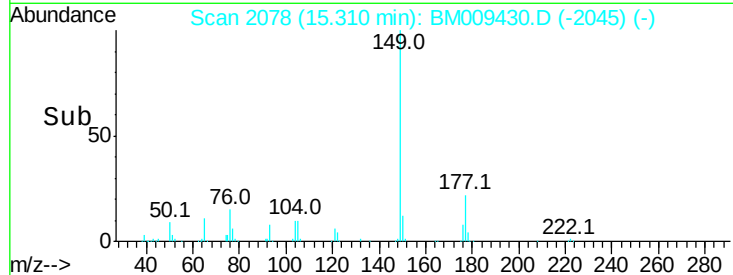
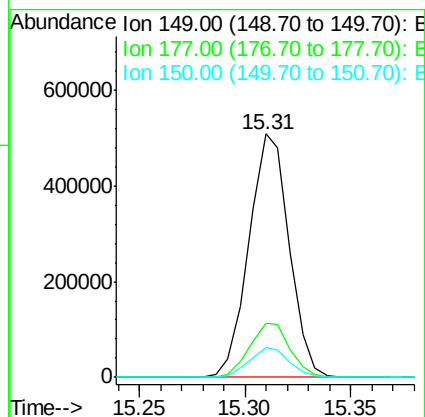
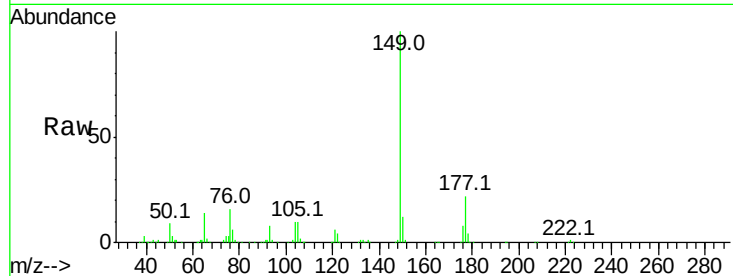




#56  
Diethylphthalate  
Concen: 23.18 ng/ul  
RT: 15.31 min Scan# 2078  
Delta R.T. -0.01 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

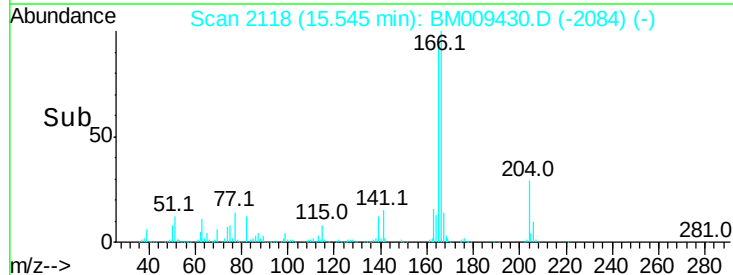
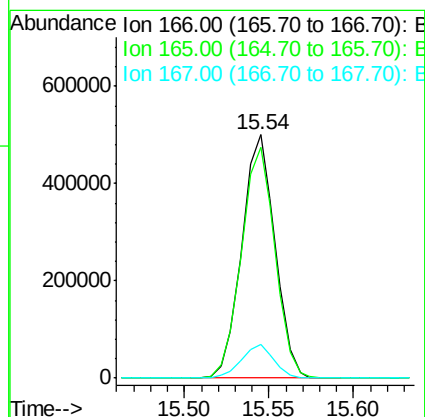
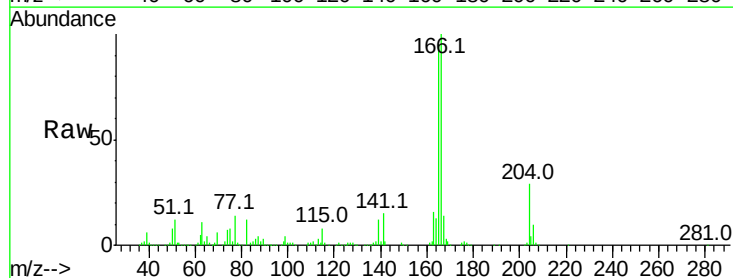
Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02035

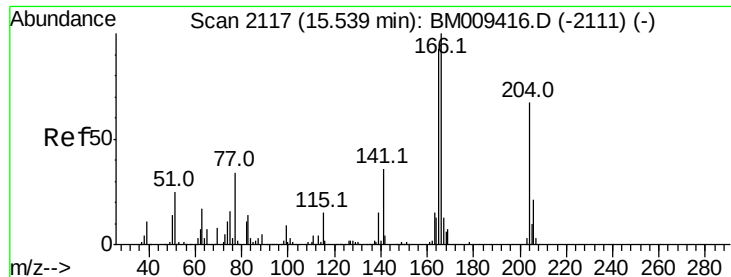
Tot Ion:149 Resp: 671349  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.4 26.2  
150 12.0 10.0 15.0



#58  
Fluorene  
Concen: 23.39 ng/ul  
RT: 15.54 min Scan# 2118  
Delta R.T. 0.00 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

Tgt Ion:166 Resp: 686727  
Ion Ratio Lower Upper  
166 100  
165 94.8 78.5 117.7  
167 13.9 10.7 16.1

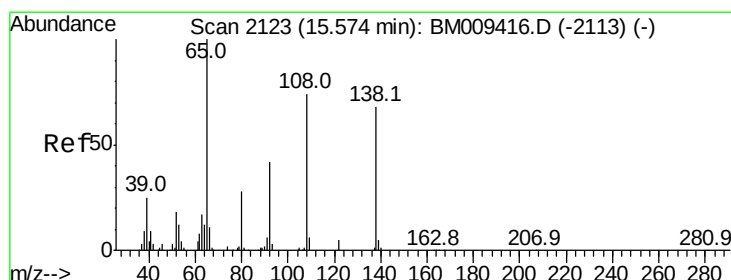
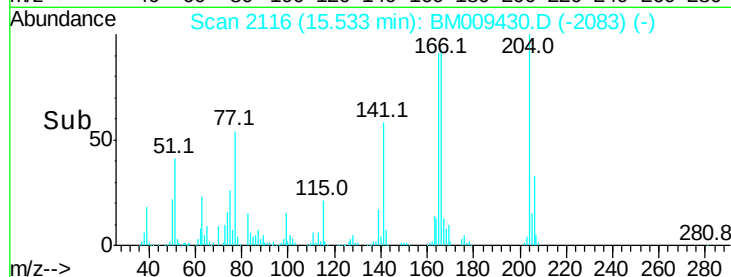
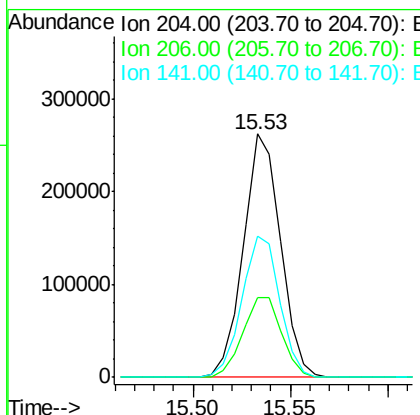
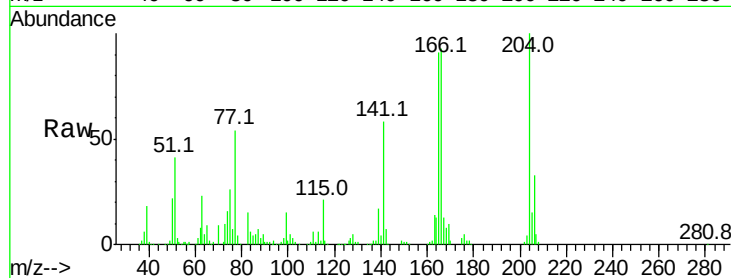




#59  
 4-Chlorophenyl-phenylether  
 Concen: 22.11 ng/ul  
 RT: 15.53 min Scan# 2116  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

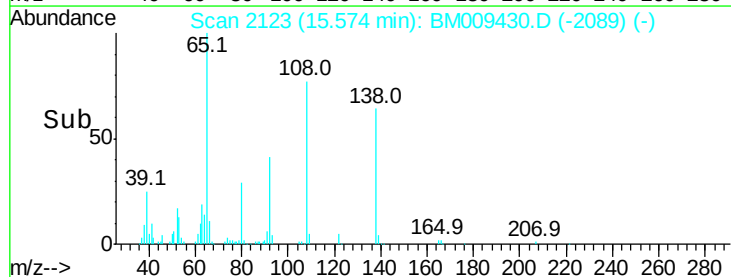
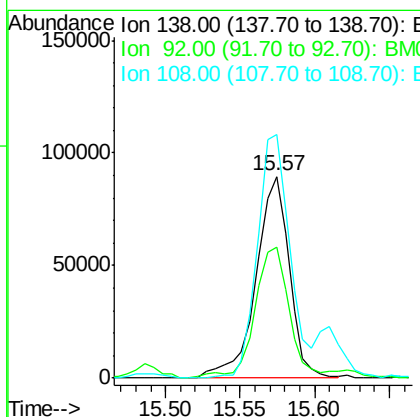
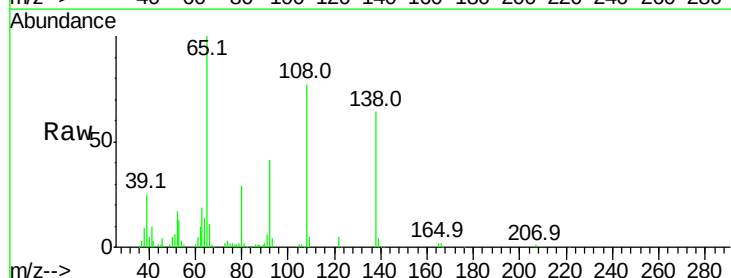
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

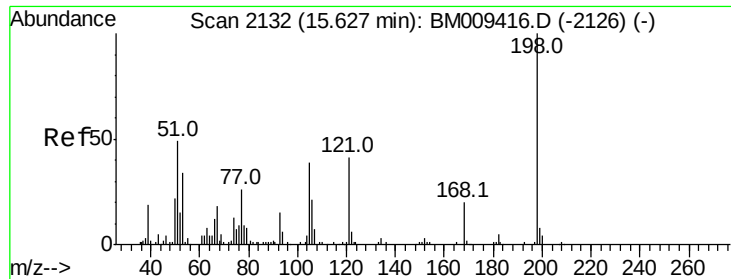
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.7  | 26.2  | 39.4  |
| 141     | 58.0  | 54.6  | 81.8  |



#60  
 4-Nitroaniline  
 Concen: 23.16 ng/ul  
 RT: 15.57 min Scan# 2123  
 Delta R.T. 0.00 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 138     | 100   |       |        |
| 92      | 64.7  | 40.6  | 60.8#  |
| 108     | 120.6 | 67.0  | 100.6# |

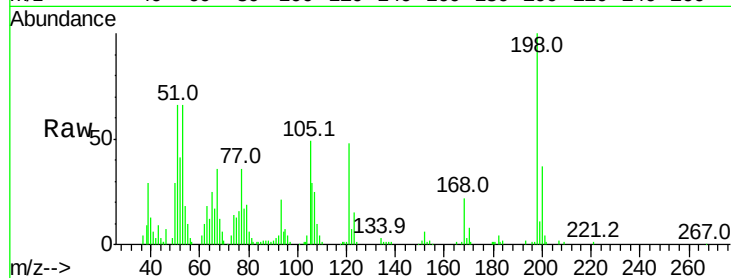




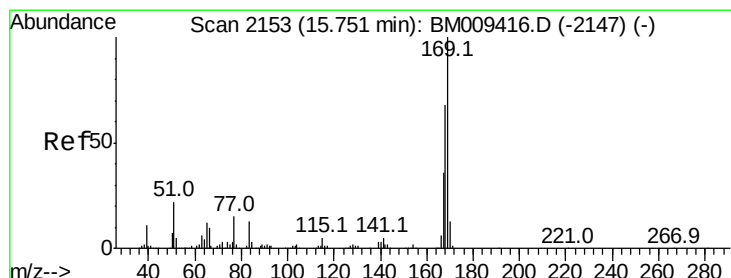
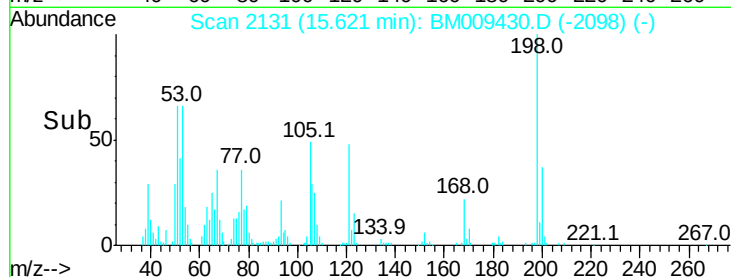
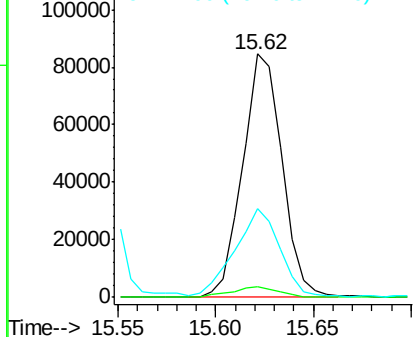
#63  
4,6-Dinitro-2-methylphenol  
Concen: 18.13 ng/ul  
RT: 15.62 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

Instrument :  
BNA\_M  
ClientSampleId :  
SSTD02035

Tot Ion:198 Resp: 119062  
Ion Ratio Lower Upper  
198 100  
182 4.4 3.1 4.7  
77 36.3 20.1 30.1#

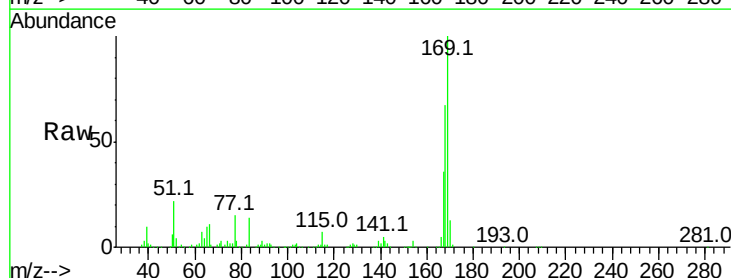


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BMO

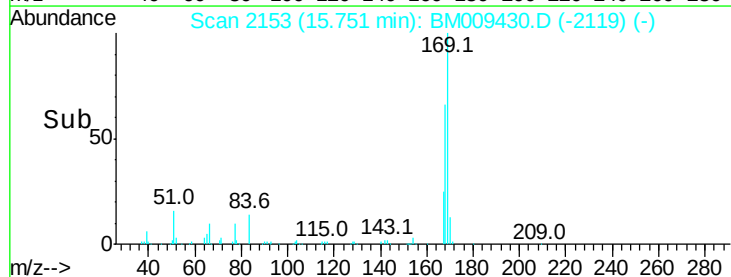
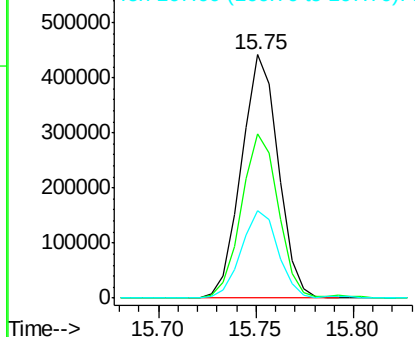


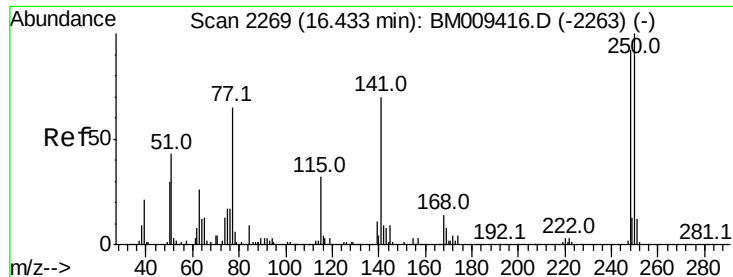
#64  
N-Nitrosodiphenylamine  
Concen: 19.89 ng/ul  
RT: 15.75 min Scan# 2153  
Delta R.T. 0.00 min  
Lab File: BM009430.D  
Acq: 28 Mar 2017 01:45

Tgt Ion:169 Resp: 579596  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.8 80.8  
167 36.0 29.3 43.9



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





#65

4-Bromophenyl-phenylether

Concen: 20.19 ng/ul

RT: 16.43 min Scan# 2269

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

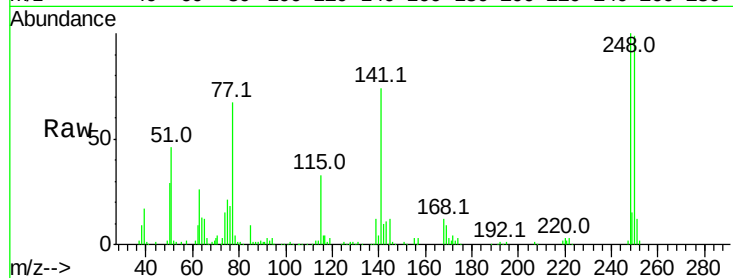
Tot Ion:248 Resp: 218433

Ion Ratio Lower Upper

248 100

250 99.4 78.7 118.1

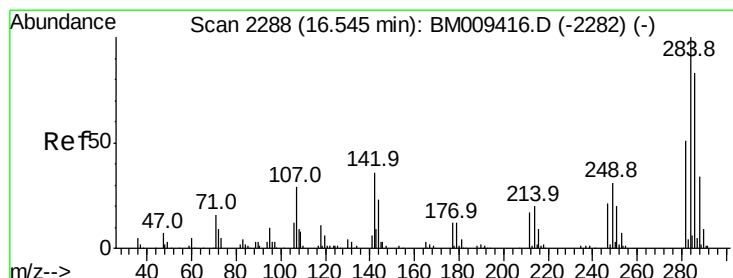
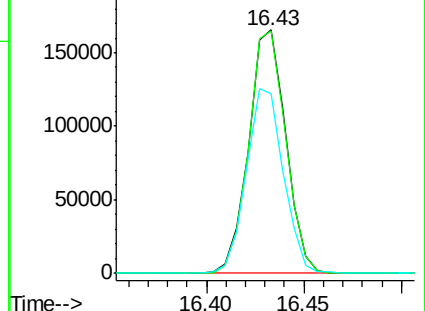
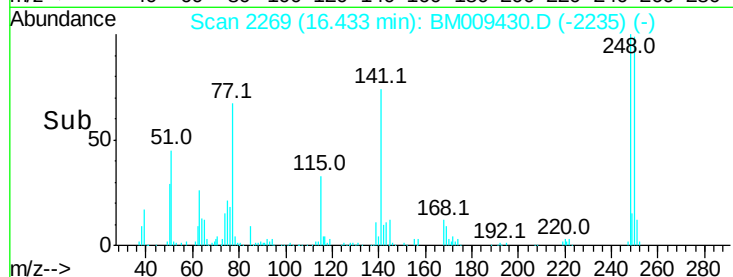
141 74.0 72.2 108.2



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66

Hexachlorobenzene

Concen: 19.78 ng/ul

RT: 16.54 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

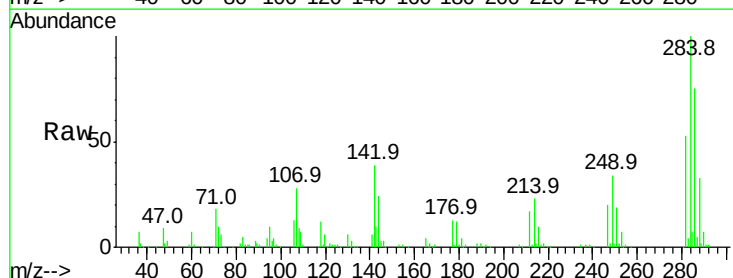
Tgt Ion:284 Resp: 241098

Ion Ratio Lower Upper

284 100

142 39.0 33.1 49.7

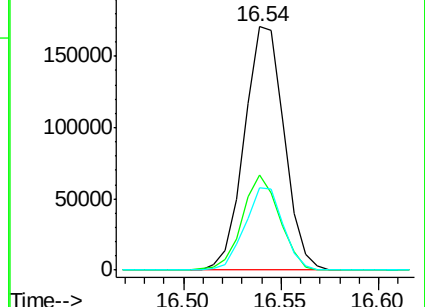
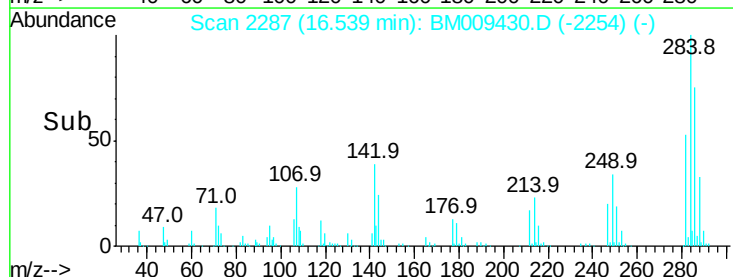
249 34.1 27.1 40.7

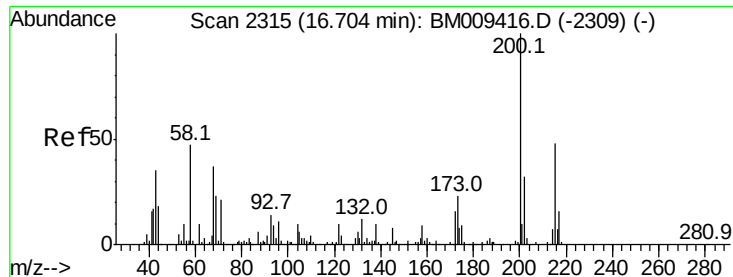


Abundance Ion 284.00 (283.70 to 284.70): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

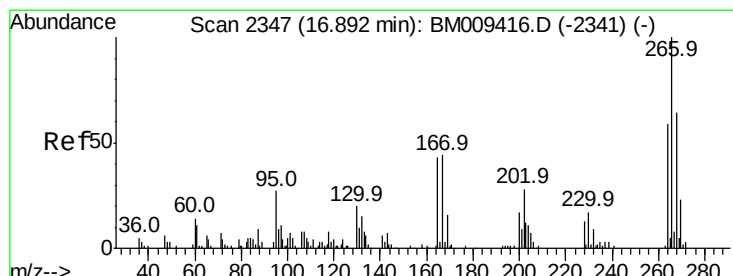
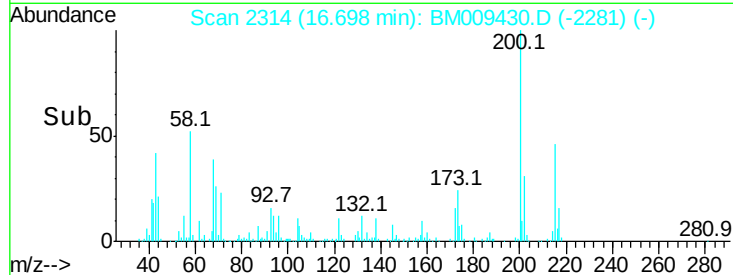
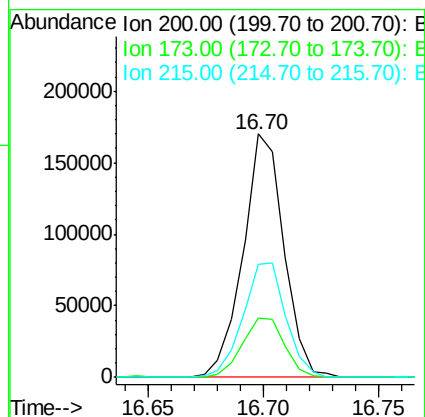
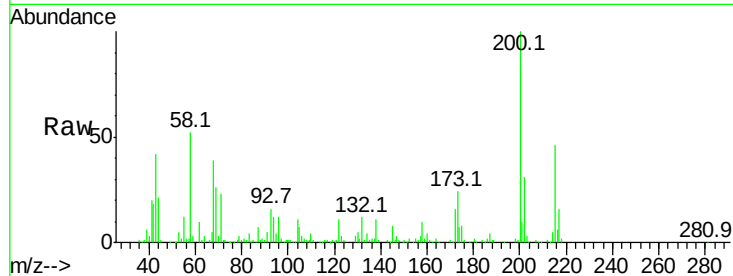




#67  
 Atrazine  
 Concen: 18.92 ng/ul  
 RT: 16.70 min Scan# 2314  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

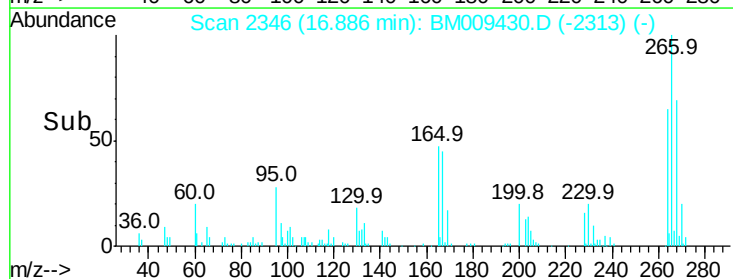
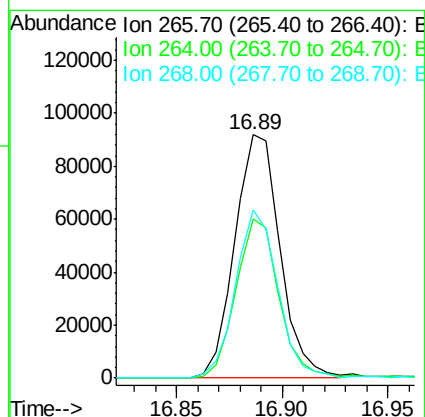
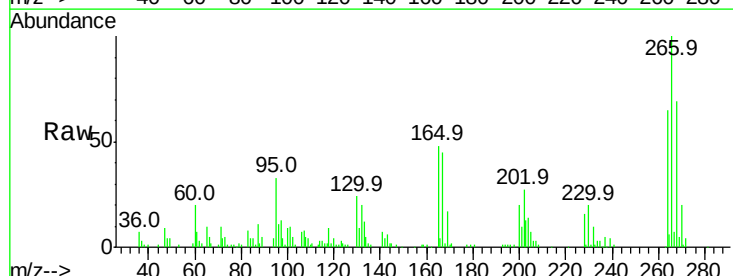
Instrument :  
 BNA\_M  
 ClientSampleId :  
 SSTD02035

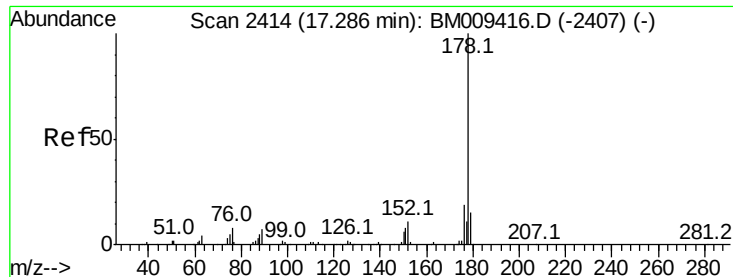
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 24.1  | 21.6  | 32.4  |
| 215     | 46.3  | 37.0  | 55.4  |



#68  
 Pentachlorophenol  
 Concen: 18.49 ng/ul  
 RT: 16.89 min Scan# 2346  
 Delta R.T. -0.01 min  
 Lab File: BM009430.D  
 Acq: 28 Mar 2017 01:45

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 65.1  | 50.5  | 75.7  |
| 268     | 68.9  | 50.9  | 76.3  |





#69

Phenanthrene

Concen: 20.40 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

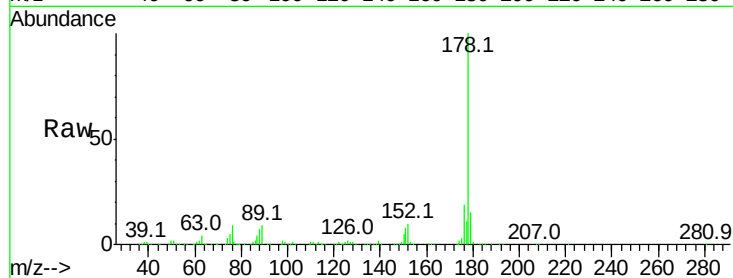
BNA\_M

ClientSampleId :

SSTD02035

Tot Ion:178 Resp: 1109335

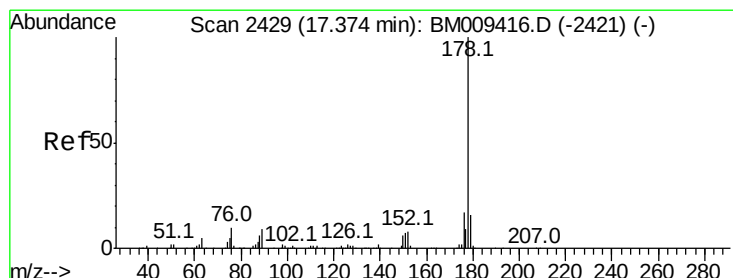
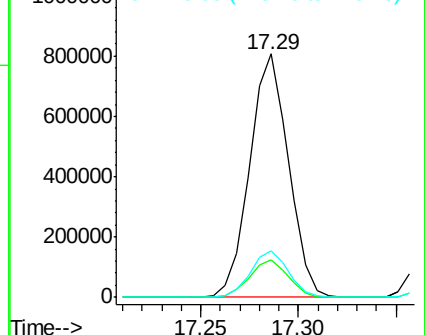
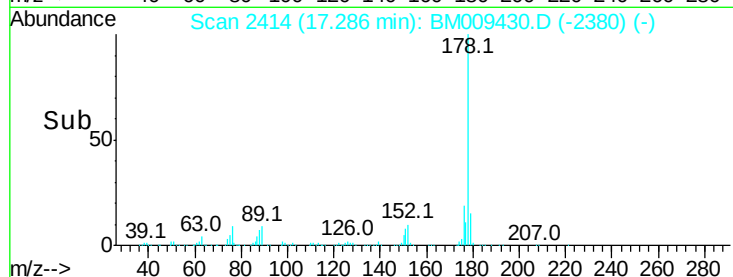
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.3  | 12.2  | 18.4  |
| 176 | 19.0  | 15.6  | 23.4  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 20.00 ng/ul

RT: 17.37 min Scan# 2429

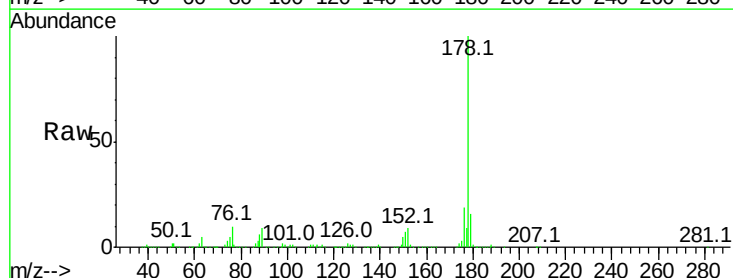
Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:178 Resp: 1113288

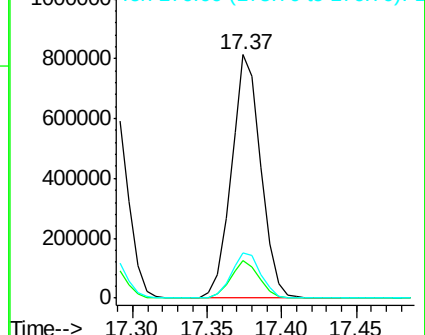
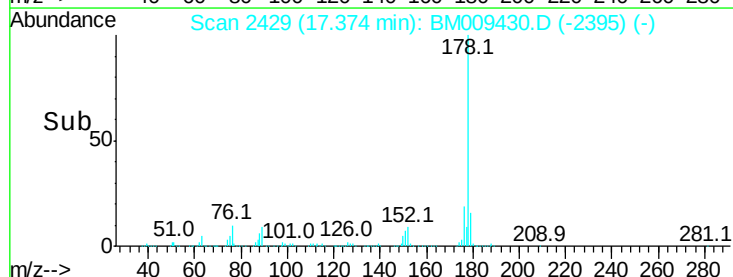
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.6  | 12.1  | 18.1  |
| 176 | 18.8  | 14.8  | 22.2  |

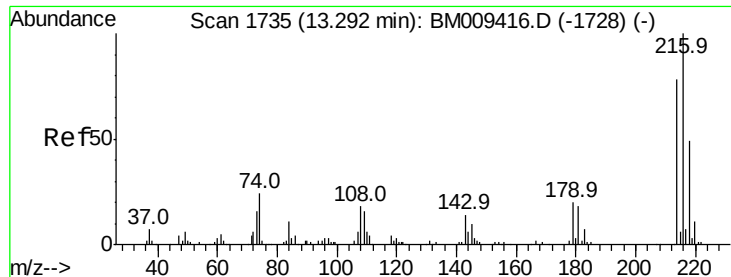


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

1,2,3,4-Tetrachlorobenzene

Concen: 19.00 ng/uL

RT: 13.29 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

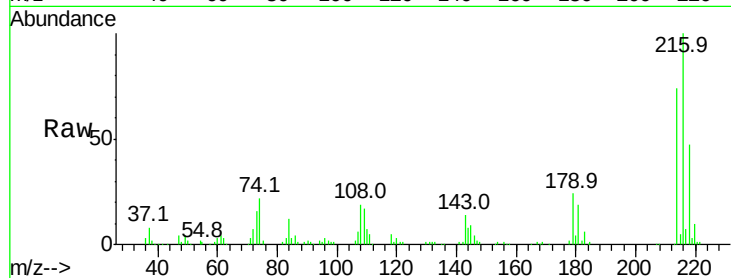
Tot Ion:216 Resp: 269761

Ion Ratio Lower Upper

216 100

214 74.4 62.5 93.7

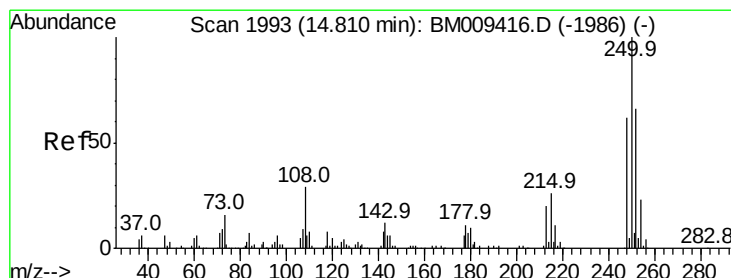
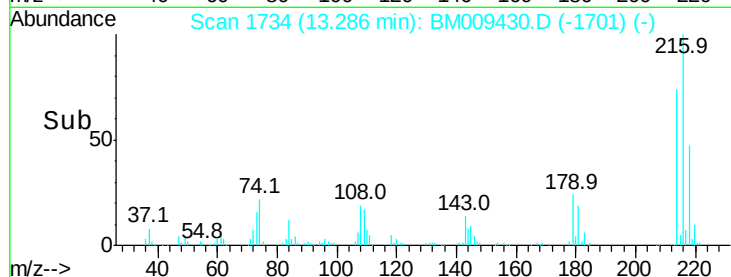
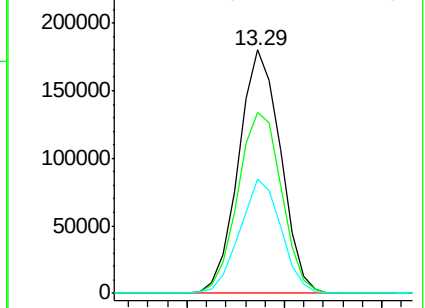
218 47.1 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.41 ng/uL

RT: 14.81 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

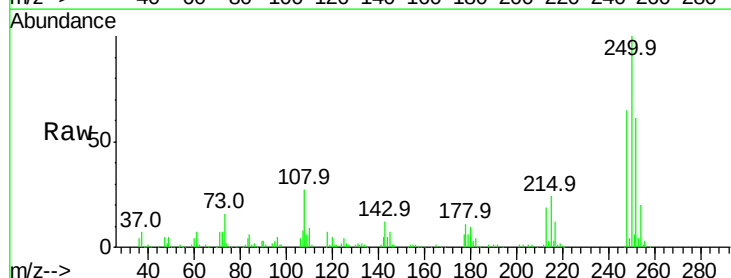
Tgt Ion:250 Resp: 272579

Ion Ratio Lower Upper

250 100

248 65.2 50.6 75.8

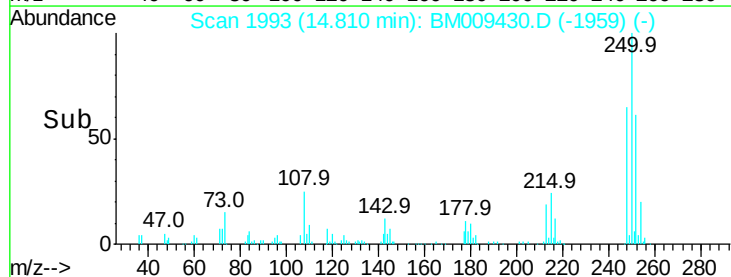
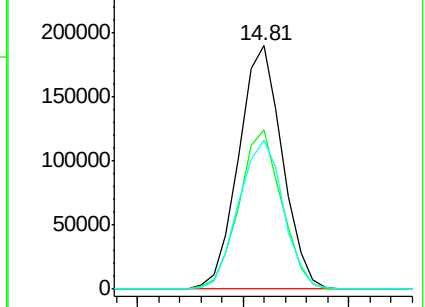
252 61.2 51.4 77.0

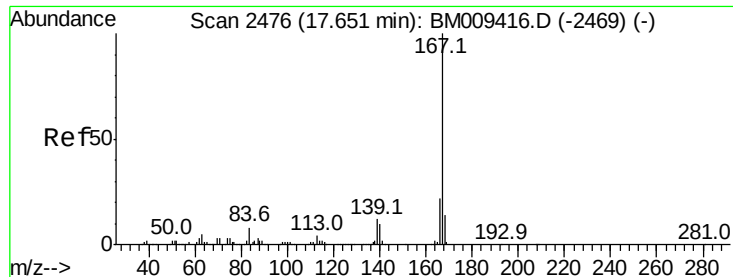


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 20.07 ng/ul

RT: 17.65 min Scan# 2476

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

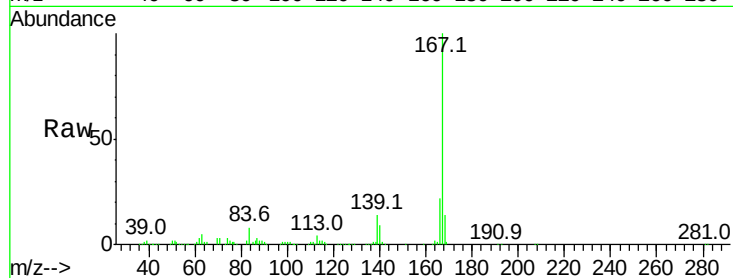
BNA\_M

ClientSampleId :

SSTD02035

Tot Ion:167 Resp: 1007403

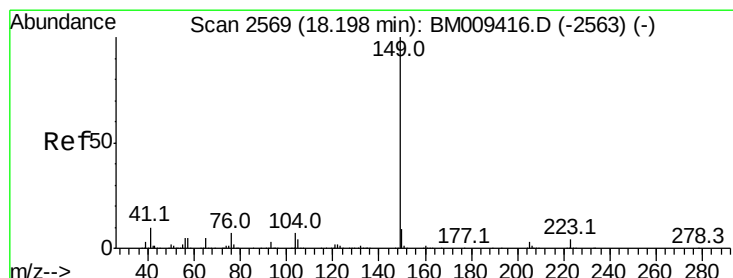
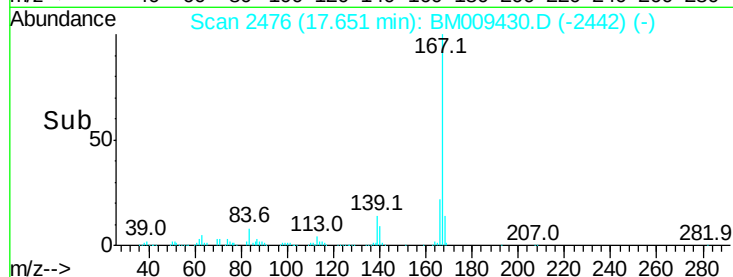
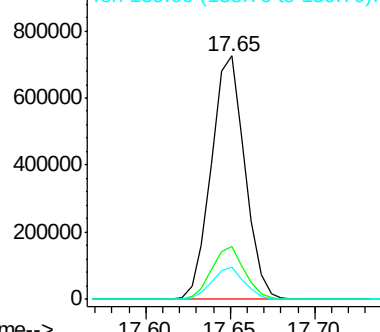
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.0  | 25.6  |
| 139 | 13.6  | 11.0  | 16.4  |



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#75

Di-n-butylphthalate

Concen: 21.35 ng/ul

RT: 18.20 min Scan# 2569

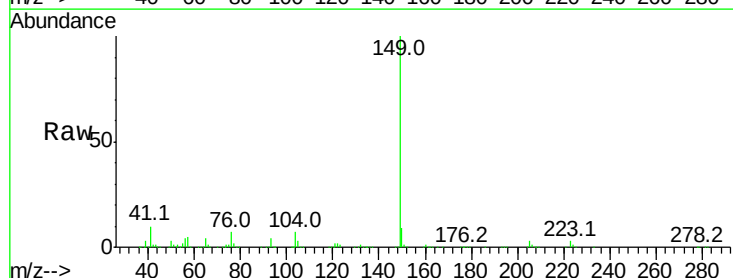
Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:149 Resp: 1156542

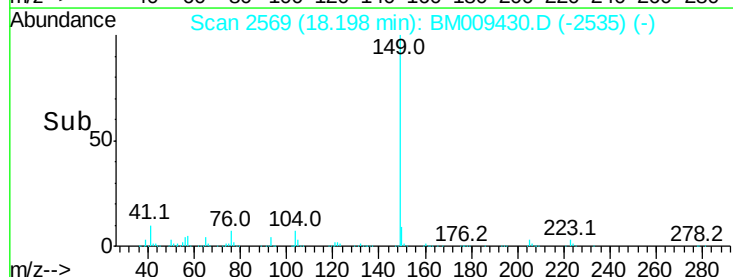
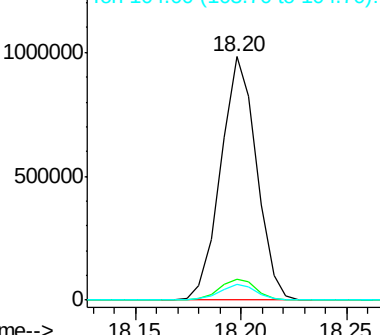
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.6   | 7.4   | 11.0  |
| 104 | 6.7   | 4.0   | 6.0   |



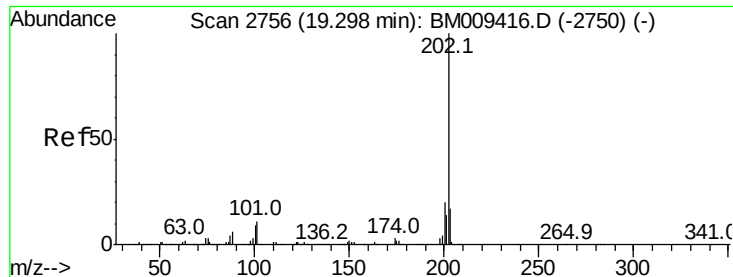
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E







#76

Fluoranthene

Concen: 20.10 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

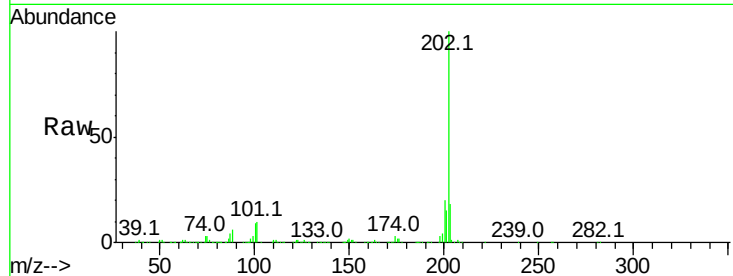
Tot Ion:202 Resp: 1321503

Ion Ratio Lower Upper

202 100

101 9.8 8.8 13.2

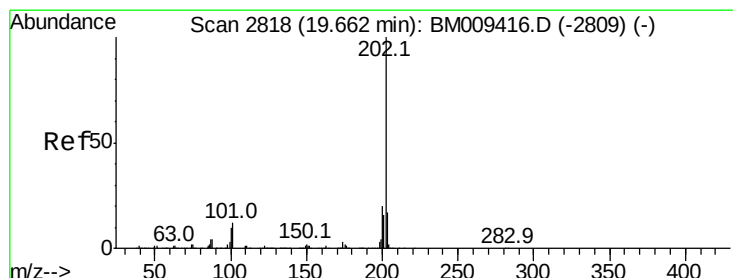
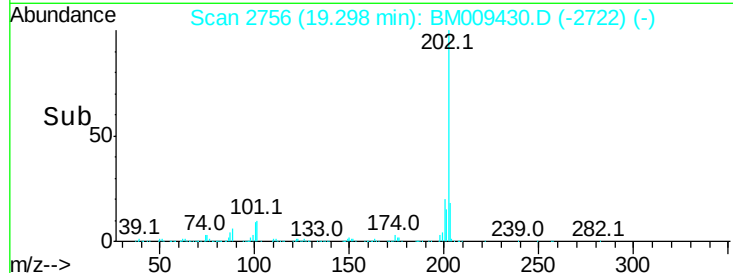
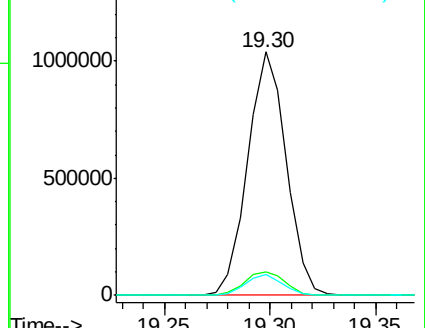
100 8.7 6.6 9.8



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#79

Pyrene

Concen: 19.89 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

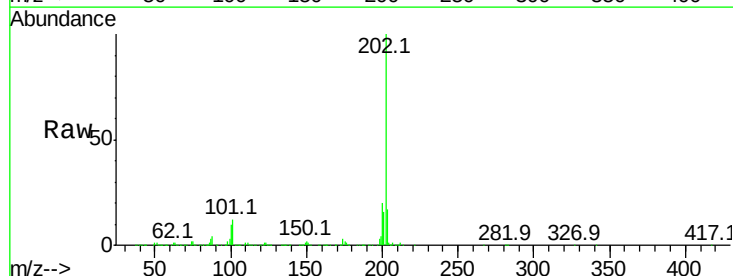
Tgt Ion:202 Resp: 1417139

Ion Ratio Lower Upper

202 100

101 11.5 10.2 15.2

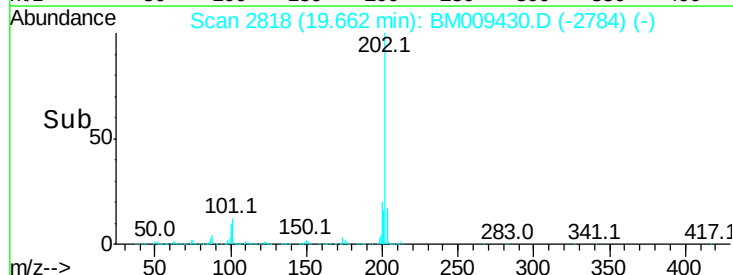
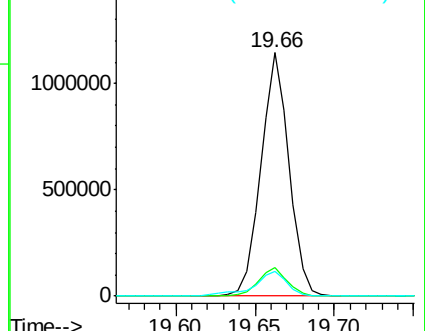
100 10.2 8.5 12.7

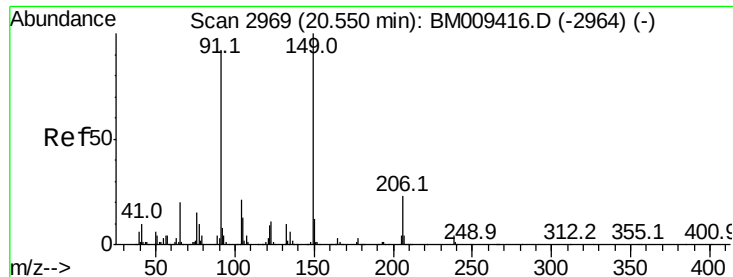


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Butylbenzylphthalate

Concen: 20.29 ng/ul

RT: 20.55 min Scan# 2969

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

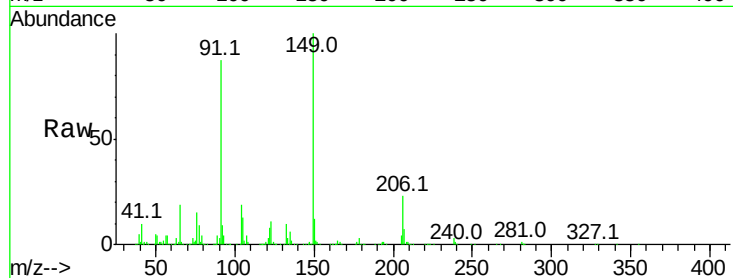
Tot Ion:149 Resp: 527415

Ion Ratio Lower Upper

149 100

91 87.4 53.4 80.2#

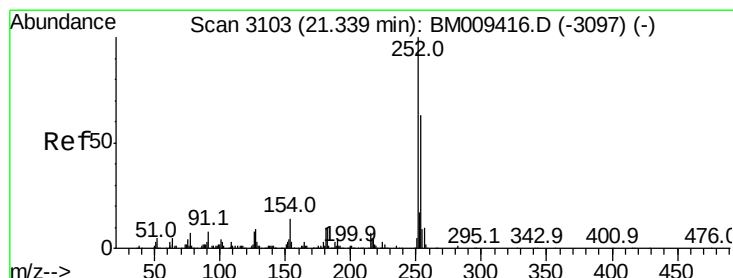
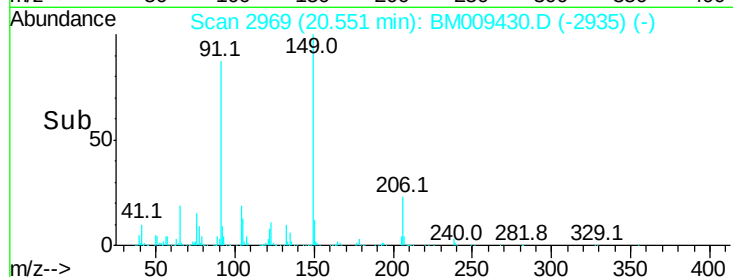
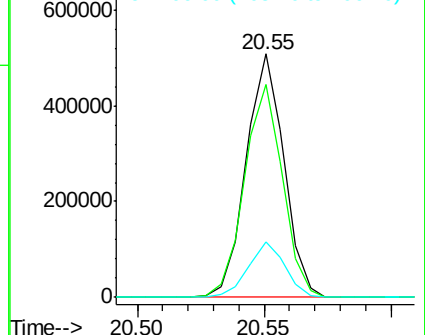
206 22.7 16.6 24.8



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



#81

3,3'-Dichlorobenzidine

Concen: 18.88 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

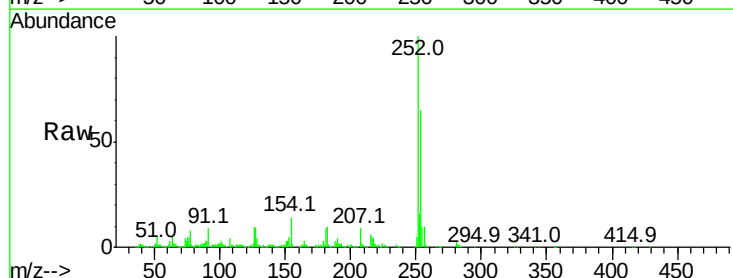
Tgt Ion:252 Resp: 469888

Ion Ratio Lower Upper

252 100

254 64.9 52.2 78.2

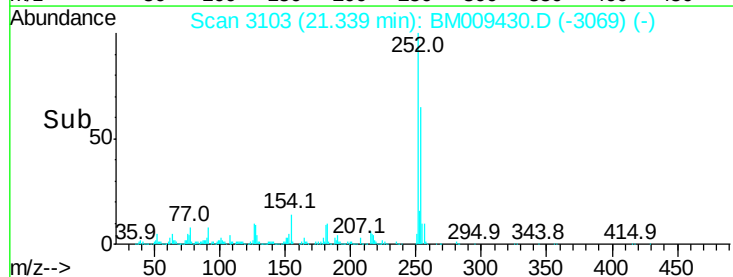
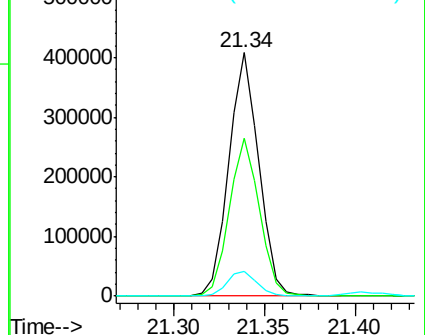
126 10.3 9.4 14.2

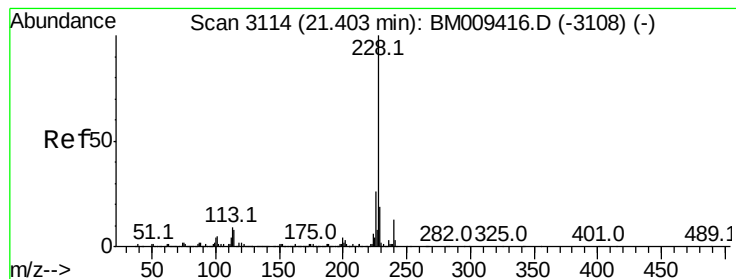


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Benzo(a)anthracene

Concen: 20.12 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

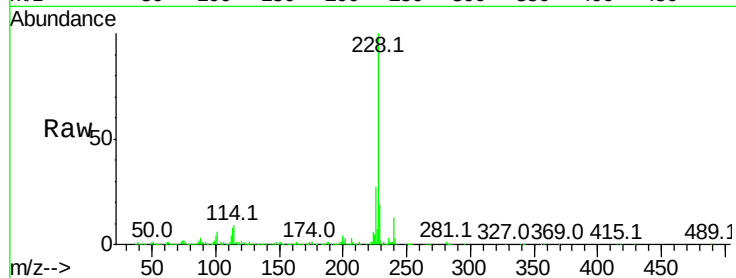
Tot Ion:228 Resp: 1483839

Ion Ratio Lower Upper

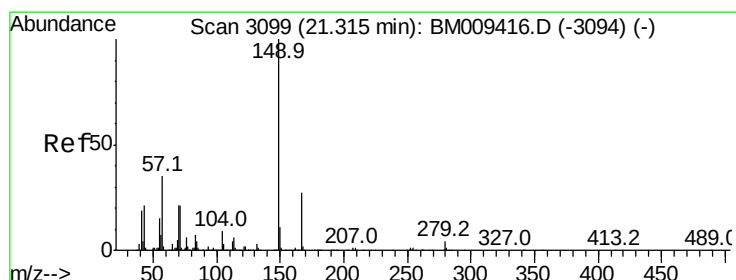
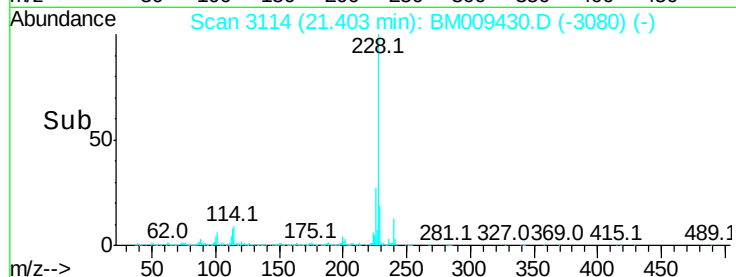
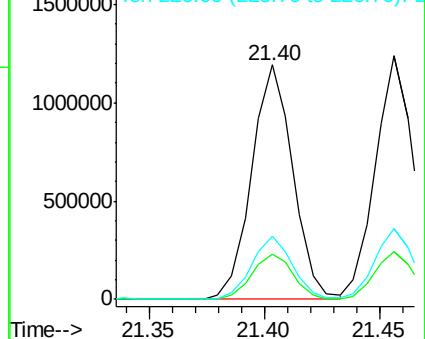
228 100

229 19.4 15.7 23.5

226 27.1 21.8 32.6



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 19.99 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

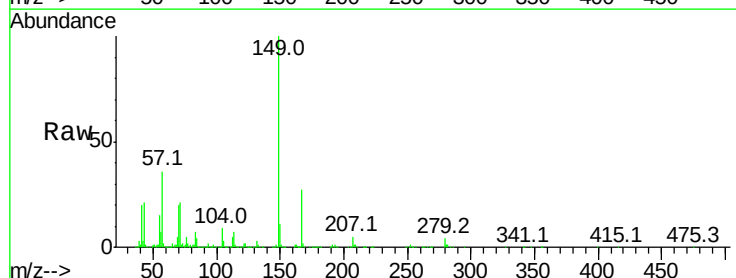
Tgt Ion:149 Resp: 762353

Ion Ratio Lower Upper

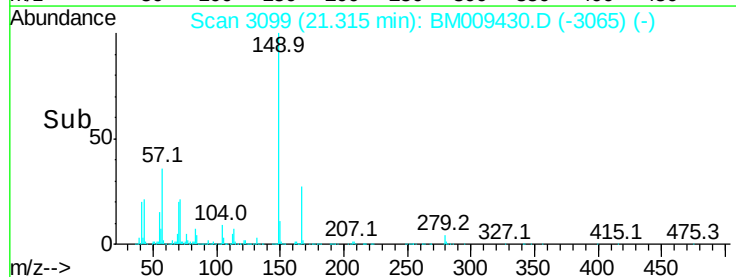
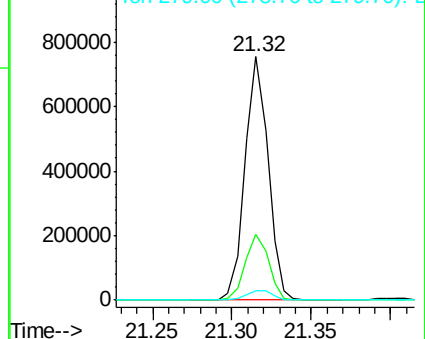
149 100

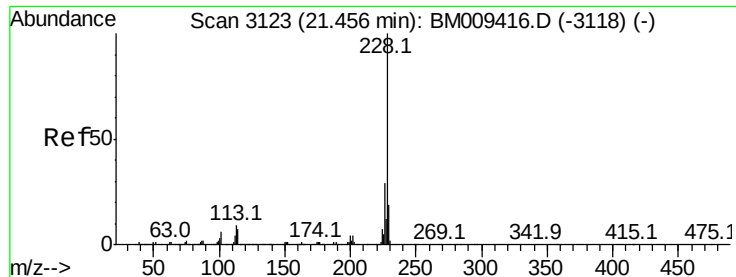
167 27.2 21.6 32.4

279 4.0 3.0 4.4



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





#84

Chrysene

Concen: 20.42 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

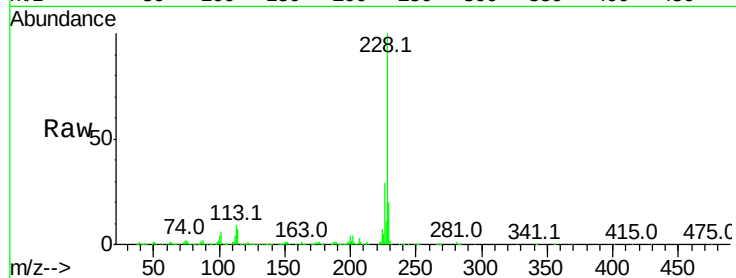
BNA\_M

ClientSampleId :

SSTD02035

Tot Ion:228 Resp: 1426634

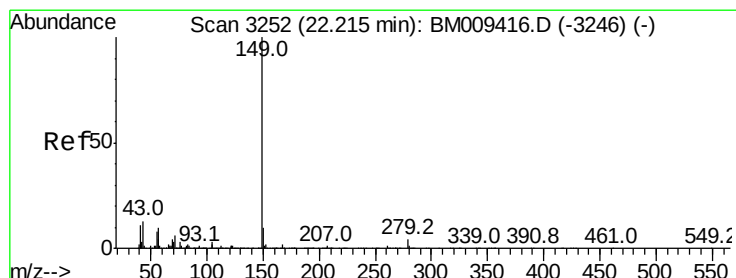
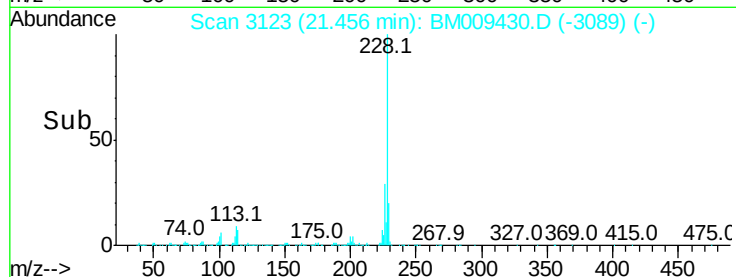
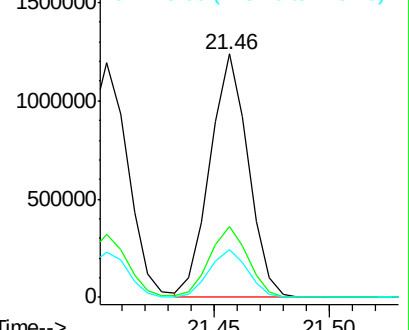
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.1  | 24.0  | 36.0  |
| 229 | 19.6  | 15.6  | 23.4  |



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#86

Di-n-octyl phthalate

Concen: 19.45 ng/ul

RT: 22.22 min Scan# 3252

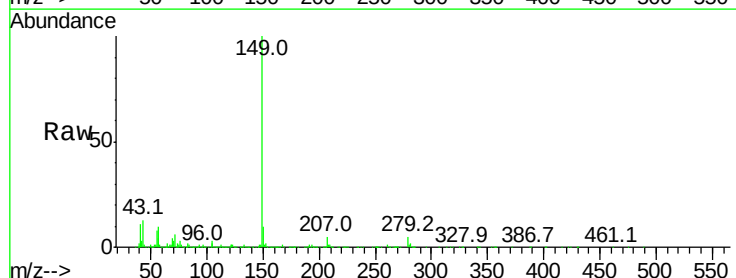
Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:149 Resp: 1337149

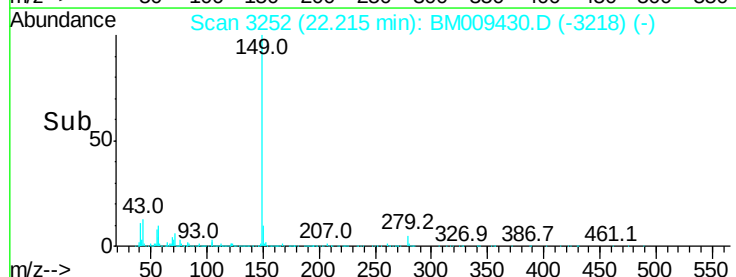
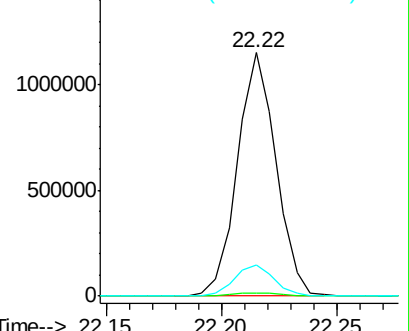
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.5   | 1.2   | 1.8   |
| 43  | 13.0  | 5.6   | 8.4   |

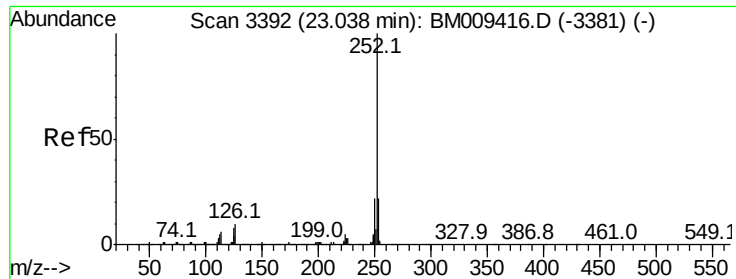


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 21.39 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

BNA\_M

ClientSampleId :

SSTD02035

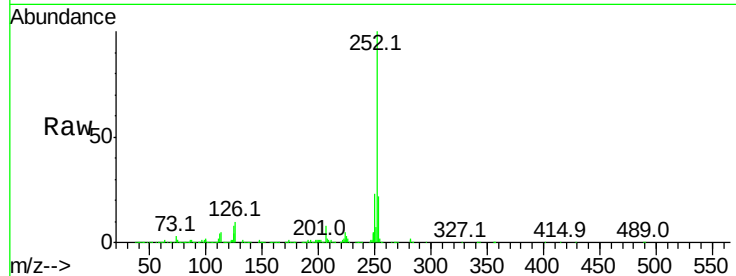
Tot Ion:252 Resp: 1530186

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

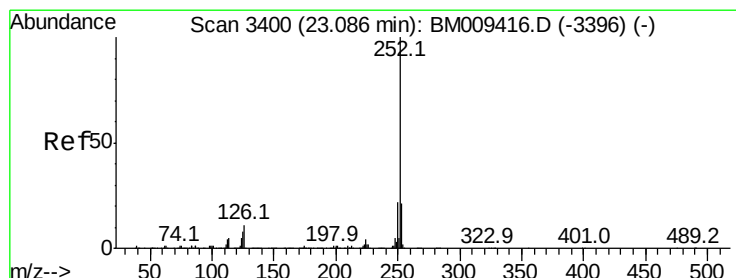
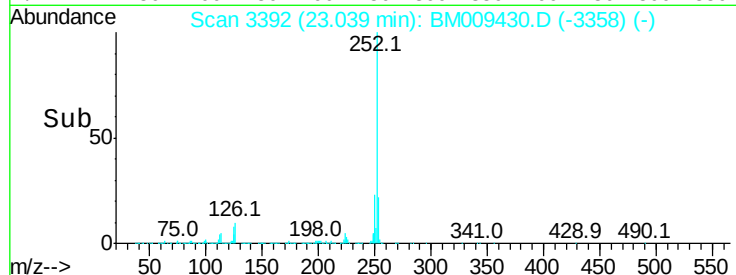
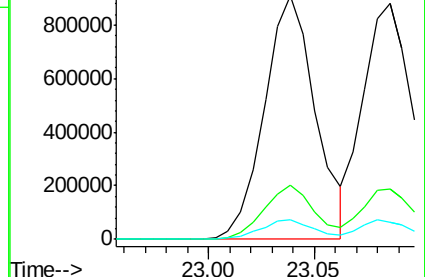
125 8.1 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.98 ng/ul

RT: 23.09 min Scan# 3400

Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

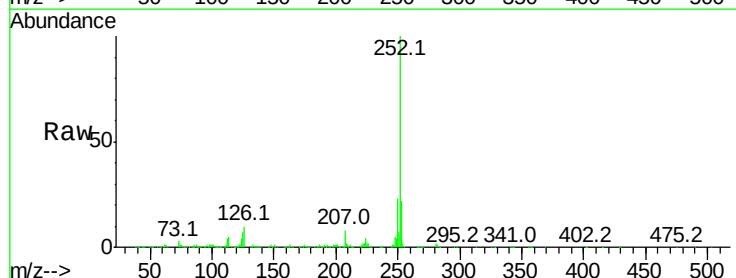
Tgt Ion:252 Resp: 1429741

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

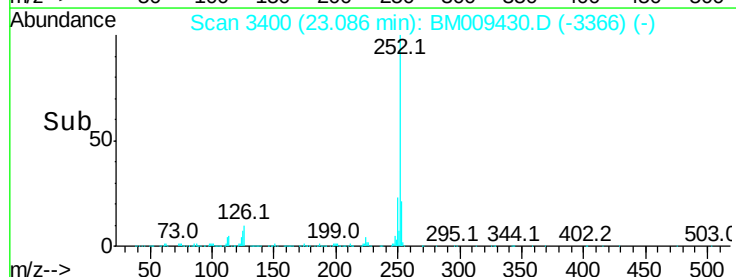
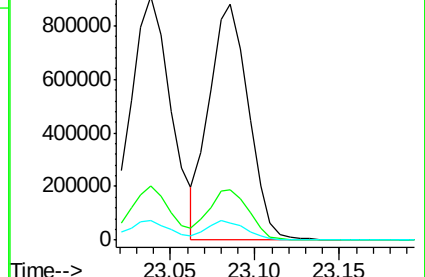
125 7.3 8.2 12.2#

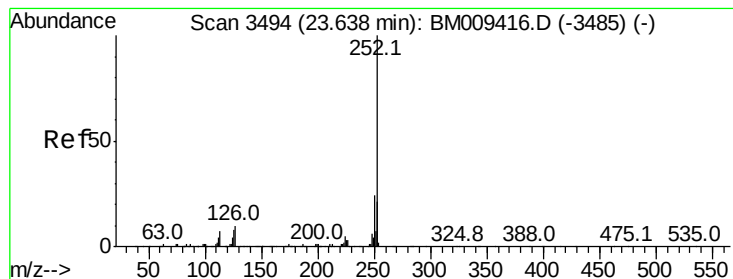


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 21.21 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

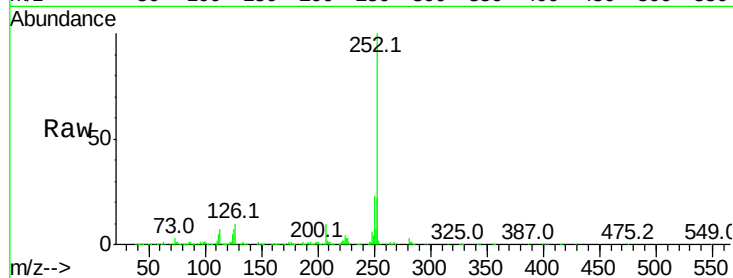
BNA\_M

ClientSampleId :

SSTD02035

Tot Ion:252 Resp: 1446452

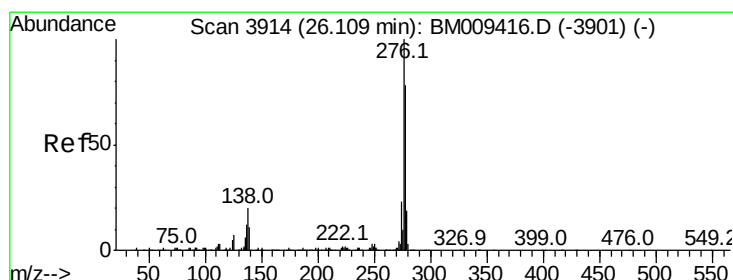
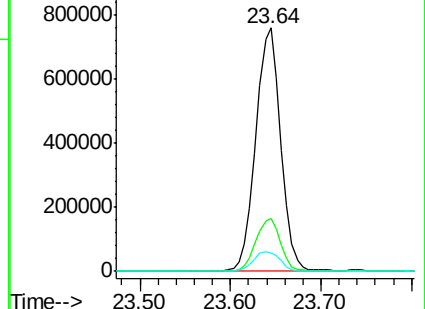
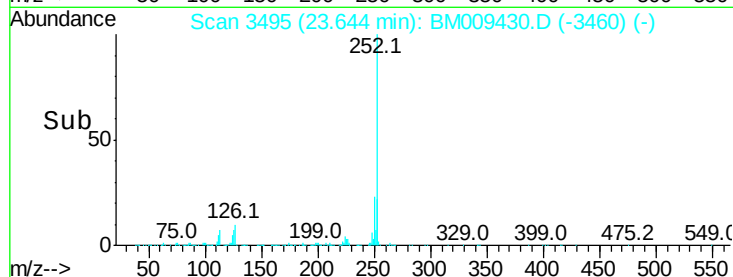
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.6  | 17.2  | 25.8  |
| 125 | 7.4   | 9.0   | 13.6  |



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Indeno(1,2,3-cd)pyrene

Concen: 21.83 ng/ul

RT: 26.11 min Scan# 3914

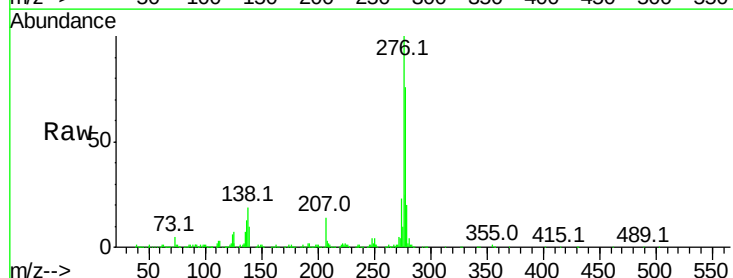
Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:276 Resp: 1695224

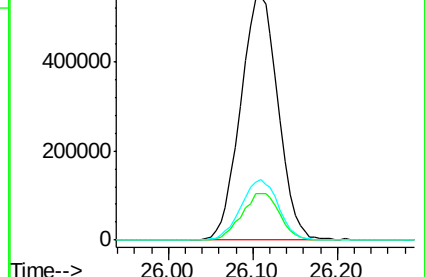
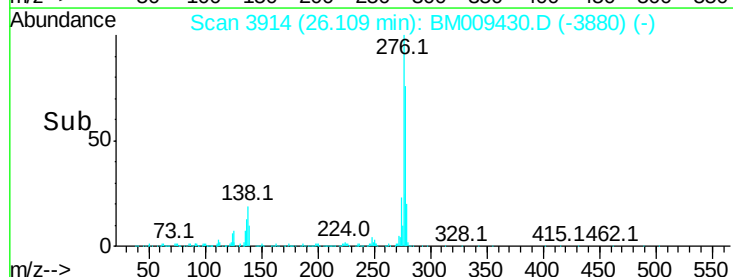
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.3  | 22.3  | 33.5  |
| 277 | 25.1  | 20.2  | 30.2  |

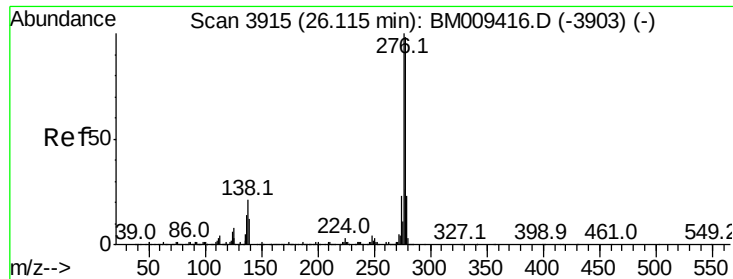


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 21.43 ng/ul

RT: 26.12 min Scan# 3916

Delta R.T. 0.01 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Instrument :

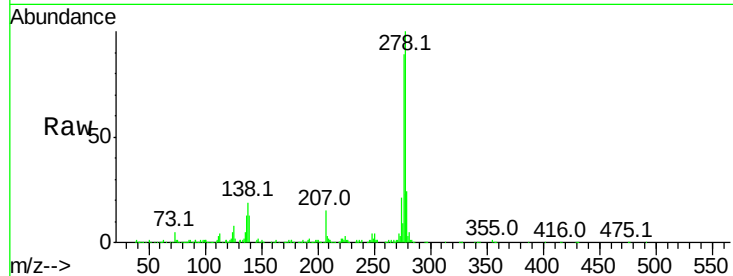
BNA\_M

ClientSampleId :

SSTD02035

Tot Ion:278 Resp: 1425633

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.9  | 13.9  | 20.9# |
| 279 | 23.7  | 19.0  | 28.4  |

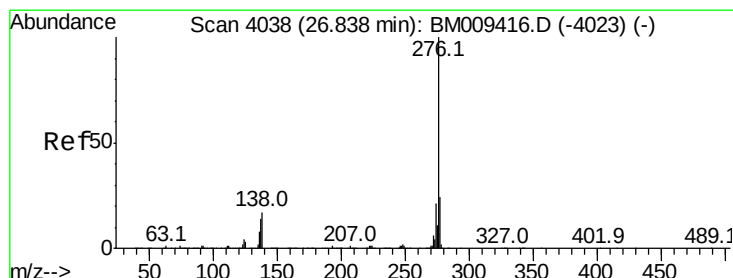
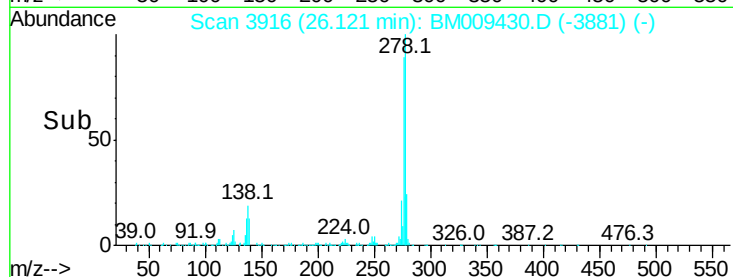
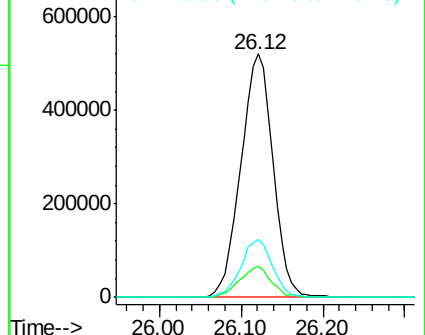


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 21.12 ng/ul

RT: 26.84 min Scan# 4038

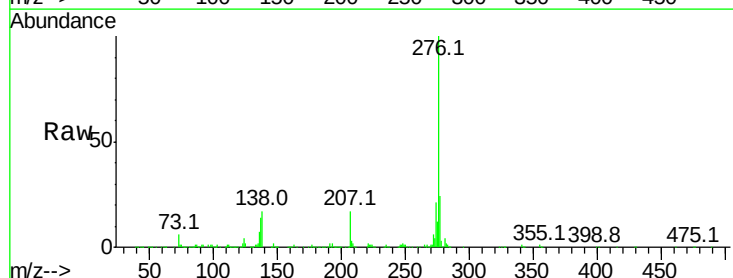
Delta R.T. 0.00 min

Lab File: BM009430.D

Acq: 28 Mar 2017 01:45

Tgt Ion:276 Resp: 1366117

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.6  | 18.9  | 28.3# |
| 277 | 24.0  | 19.2  | 28.8  |



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

