

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\  
 Data File : BM011938.D  
 Acq On : 06 Oct 2017 13:16  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 07 03:56:46 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 06 04:40:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.86  | 152  | 230743   | 20.00 | ng/ul | -0.01    |
| 18) Naphthalene-d8        | 10.66 | 136  | 933421   | 20.00 | ng/ul | -0.01    |
| 35) Acenaphthene-d10      | 14.50 | 164  | 531290   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.24 | 188  | 1167298  | 20.00 | ng/ul | -0.01    |
| 75) Chrysene-d12          | 21.42 | 240  | 1257629  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.74 | 264  | 1268836  | 20.00 | ng/ul | -0.01    |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.27  | 96  | 42288   | 8.67  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 7.02  | 99  | 380904  | 19.19 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.19  | 67  | 227116  | 19.33 | ng/ul | -0.01 |
| 9) 2-Chlorophenol-d4           | 7.39  | 132 | 332678  | 20.89 | ng/ul | -0.01 |
| 13) 4-Methylphenol-d8          | 8.56  | 113 | 312378  | 18.20 | ng/ul | -0.01 |
| 19) Nitrobenzene-d5            | 9.02  | 128 | 153023  | 23.02 | ng/ul | -0.01 |
| 22) 2-Nitrophenol-d4           | 9.75  | 143 | 179356  | 23.96 | ng/ul | -0.01 |
| 26) 2,4-Dichlorophenol-d3      | 10.28 | 165 | 335860  | 22.20 | ng/ul | -0.01 |
| 29) 4-Chloroaniline-d4         | 10.80 | 131 | 386782  | 23.43 | ng/ul | -0.01 |
| 43) Dimethylphthalate-d6       | 13.91 | 166 | 947980  | 20.59 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.20 | 160 | 1160468 | 21.45 | ng/ul | -0.01 |
| 51) 4-Nitrophenol-d4           | 14.70 | 143 | 151740  | 18.86 | ng/ul | -0.01 |
| 57) Fluorene-d10               | 15.49 | 176 | 808097  | 19.88 | ng/ul | -0.01 |
| 62) 4,6-Dinitro-2-methylphenol | 15.62 | 200 | 145047  | 18.47 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.34 | 188 | 1205815 | 20.96 | ng/ul | -0.01 |
| 76) Pyrene-d10                 | 19.63 | 212 | 1339778 | 23.62 | ng/ul | -0.01 |
| 87) Benzo(a)pyrene-d12         | 23.59 | 264 | 1279105 | 20.96 | ng/ul | -0.01 |

## Target Compounds

|                                |       |     |        |        | Ovalue |    |
|--------------------------------|-------|-----|--------|--------|--------|----|
| 2) 1,4-Dioxane                 | 3.30  | 88  | 44487  | 8.974  | ng/uL# | 66 |
| 4) Benzaldehyde                | 7.00  | 77  | 218909 | 22.128 | ng/ul  | 88 |
| 6) Phenol                      | 7.04  | 94  | 373169 | 18.996 | ng/ul# | 82 |
| 8) Bis(2-Chloroethyl)ether     | 7.27  | 93  | 292597 | 19.837 | ng/ul  | 94 |
| 10) 2-Chlorophenol             | 7.42  | 128 | 320091 | 20.568 | ng/ul  | 99 |
| 11) 2-Methylphenol             | 8.30  | 108 | 278647 | 18.650 | ng/ul  | 98 |
| 12) 2,2'-oxybis(1-Chloropropan | 8.39  | 45  | 362952 | 19.241 | ng/ul# | 86 |
| 14) Acetophenone               | 8.68  | 105 | 463214 | 18.446 | ng/ul  | 90 |
| 15) N-Nitroso-di-n-propylamine | 8.66  | 70  | 248688 | 19.352 | ng/ul# | 70 |
| 16) 4-Methylphenol             | 8.63  | 108 | 300390 | 17.962 | ng/ul  | 92 |
| 17) Hexachloroethane           | 8.93  | 117 | 136011 | 21.782 | ng/ul  | 84 |
| 20) Nitrobenzene               | 9.06  | 77  | 355937 | 22.164 | ng/ul  | 94 |
| 21) Isophorone                 | 9.59  | 82  | 635553 | 21.223 | ng/ul# | 92 |
| 23) 2-Nitrophenol              | 9.77  | 139 | 180773 | 22.973 | ng/ul# | 78 |
| 24) 2,4-Dimethylphenol         | 9.83  | 107 | 351687 | 20.838 | ng/ul# | 89 |
| 25) Bis(2-Chloroethoxy)methane | 10.07 | 93  | 392097 | 21.323 | ng/ul  | 95 |
| 27) 2,4-Dichlorophenol         | 10.31 | 162 | 311833 | 21.358 | ng/ul# | 92 |
| 28) Naphthalene                | 10.71 | 128 | 972122 | 20.761 | ng/ul  | 99 |
| 30) 4-Chloroaniline            | 10.82 | 127 | 361593 | 22.320 | ng/ul  | 92 |
| 31) Hexachlorobutadiene        | 10.99 | 225 | 238898 | 22.302 | ng/ul  | 96 |
| 32) Caprolactam                | 11.60 | 113 | 88704  | 18.531 | ng/ul# | 42 |
| 33) 4-Chloro-3-methylphenol    | 11.95 | 107 | 313874 | 19.777 | ng/ul  | 93 |
| 34) 2-Methylnaphthalene        | 12.32 | 142 | 712760 | 19.963 | ng/ul  | 97 |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100617\  
 Data File : BM011938.D  
 Acq On : 06 Oct 2017 13:16  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

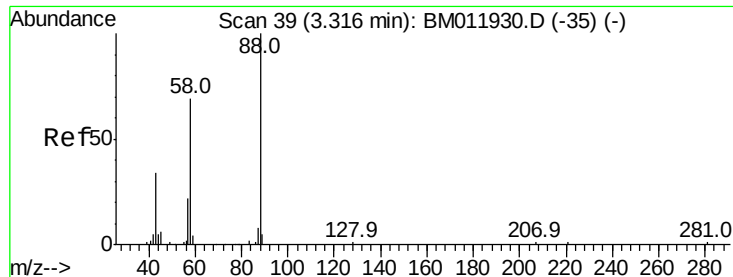
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 07 03:56:46 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Oct 06 04:40:59 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.69 | 216  | 407225   | 22.595 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.67 | 237  | 217835   | 20.766 | ng/ul  | 95       |
| 38) 2,4,6-Trichlorophenol      | 12.93 | 196  | 265450   | 23.189 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 13.00 | 196  | 276269   | 22.930 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.33 | 154  | 919731   | 21.652 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.38 | 162  | 721990   | 21.721 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.59 | 65   | 189885   | 22.505 | ng/ul  | 93       |
| 44) Dimethylphthalate          | 13.96 | 163  | 904103   | 20.409 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.08 | 165  | 180104   | 21.564 | ng/ul  | 90       |
| 47) Acenaphthylene             | 14.23 | 152  | 1123687  | 21.418 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.41 | 138  | 160763   | 20.721 | ng/ul  | 88       |
| 49) Acenaphthene               | 14.57 | 153  | 746624   | 20.565 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.63 | 184  | 79512    | 14.405 | ng/ul  | 98       |
| 52) 4-Nitrophenol              | 14.72 | 109  | 125226   | 19.477 | ng/ul# | 78       |
| 53) Dibenzofuran               | 14.90 | 168  | 1076556  | 20.431 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 14.87 | 165  | 256075   | 20.736 | ng/ul# | 83       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.13 | 232  | 246140   | 20.920 | ng/ul  | 93       |
| 56) Diethylphthalate           | 15.32 | 149  | 913193   | 20.310 | ng/ul  | 95       |
| 58) Fluorene                   | 15.55 | 166  | 871531   | 19.807 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.54 | 204  | 467095   | 20.072 | ng/ul  | 96       |
| 60) 4-Nitroaniline             | 15.57 | 138  | 168434   | 18.636 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.63 | 198  | 147673   | 18.402 | ng/ul  | 92       |
| 64) N-Nitrosodiphenylamine     | 15.76 | 169  | 746173   | 22.128 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.43 | 248  | 285339   | 21.823 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.55 | 284  | 315065   | 21.552 | ng/ul# | 91       |
| 67) Atrazine                   | 16.70 | 200  | 288208   | 21.589 | ng/ul  | 94       |
| 68) Pentachlorophenol          | 16.90 | 266  | 188223   | 20.467 | ng/ul  | 98       |
| 69) Phenanthrene               | 17.29 | 178  | 1332993  | 20.760 | ng/ul  | 99       |
| 71) Anthracene                 | 17.38 | 178  | 1382622  | 21.163 | ng/ul  | 99       |
| 72) Carbazole                  | 17.65 | 167  | 1139140  | 20.129 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.20 | 149  | 1794494  | 26.463 | ng/ul# | 98       |
| 74) Fluoranthene               | 19.30 | 202  | 1579900  | 20.167 | ng/ul# | 91       |
| 77) Pyrene                     | 19.66 | 202  | 1638044  | 23.490 | ng/ul# | 90       |
| 78) Butylbenzylphthalate       | 20.54 | 149  | 719356   | 26.335 | ng/ul# | 90       |
| 79) 3,3'-Dichlorobenzidine     | 21.33 | 252  | 498955   | 21.311 | ng/ul# | 95       |
| 80) Benzo(a)anthracene         | 21.40 | 228  | 1598699  | 22.190 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 1053443  | 25.923 | ng/ul# | 96       |
| 82) Chrysene                   | 21.46 | 228  | 1488058  | 21.738 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.22 | 149  | 1779873  | 24.011 | ng/ul  | 98       |
| 85) Benzo(b)fluoranthene       | 23.04 | 252  | 1568206  | 20.334 | ng/ul# | 97       |
| 86) Benzo(k)fluoranthene       | 23.08 | 252  | 1640861  | 21.311 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.64 | 252  | 1542299  | 20.812 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.11 | 276  | 1837774  | 23.174 | ng/ul# | 93       |
| 90) Dibenzo(a,h)anthracene     | 26.12 | 278  | 1553791  | 23.845 | ng/ul# | 95       |
| 91) Benzo(g,h,i)perylene       | 26.84 | 276  | 1564748  | 23.853 | ng/ul# | 93       |

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





#2

1,4-Dioxane

Concen: 8.974 ng/uL

RT: 3.30 min Scan# 37

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampled :

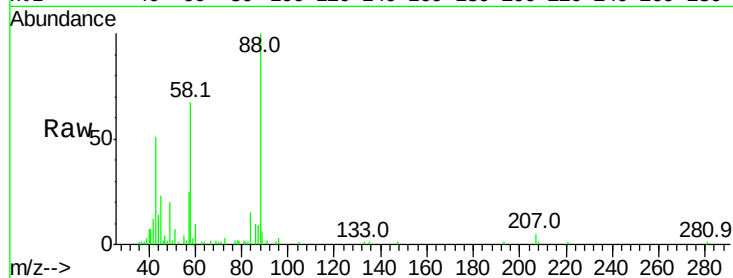
Tot Ion: 88 Resp: 44487

Ion Ratio Lower Upper

88 100

43 34.2 48.0 72.0#

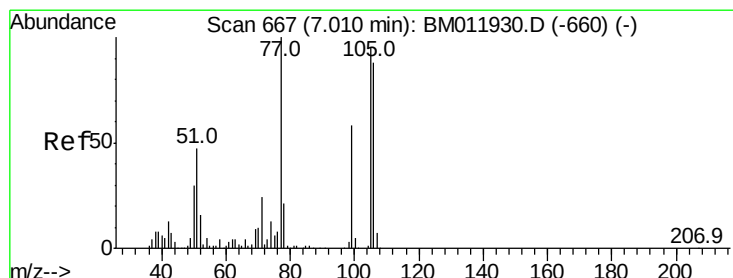
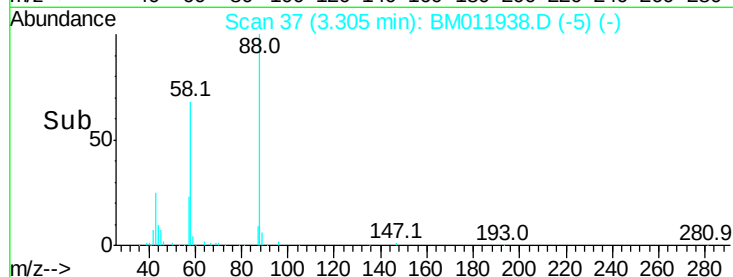
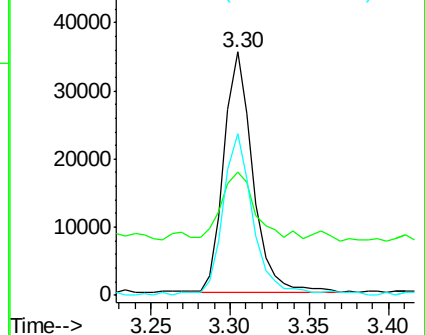
58 66.2 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM011938.D (-35) (-)

Ion 43.00 (42.70 to 43.70): BM011938.D (-35) (-)

Ion 58.00 (57.70 to 58.70): BM011938.D (-35) (-)



#4

Benzaldehyde

Concen: 22.128 ng/uL

RT: 7.00 min Scan# 665

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

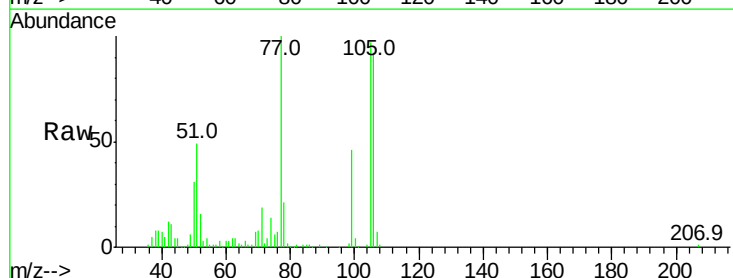
Tgt Ion: 77 Resp: 218909

Ion Ratio Lower Upper

77 100

105 96.7 66.1 99.1

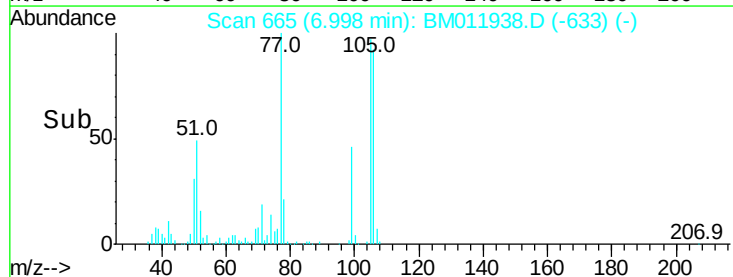
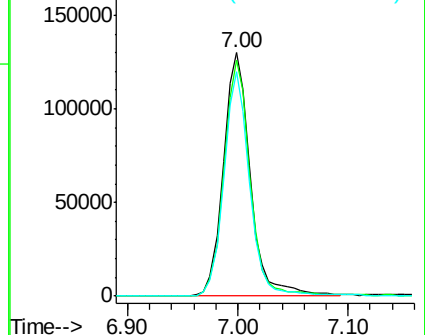
106 92.0 67.8 101.6

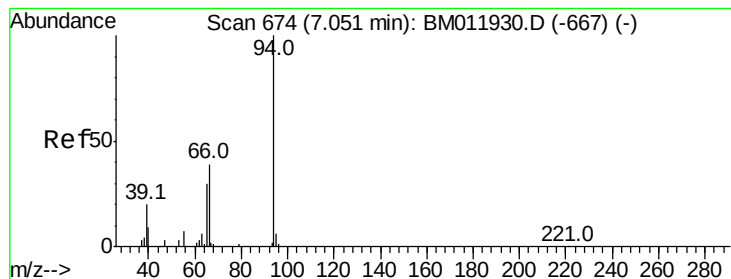


Abundance Ion 77.00 (76.70 to 77.70): BM011938.D (-660) (-)

Ion 105.00 (104.70 to 105.70): BM011938.D (-660) (-)

Ion 106.00 (105.70 to 106.70): BM011938.D (-660) (-)





#6

Phenol

Concen: 18.996 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

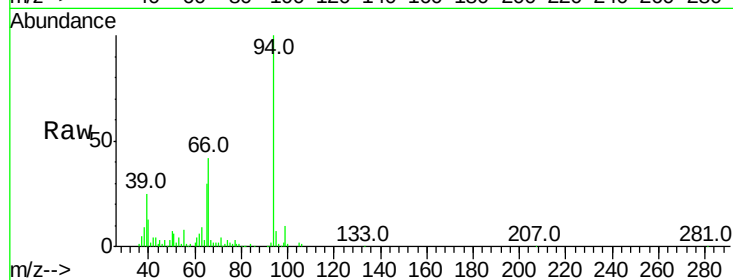
Tot Ion: 94 Resp: 373169

Ion Ratio Lower Upper

94 100

65 30.5 28.2 42.4

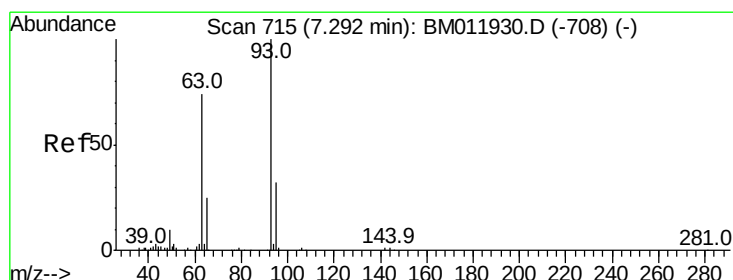
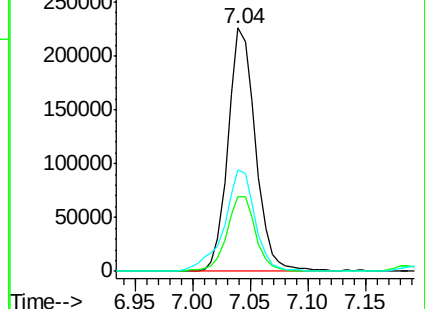
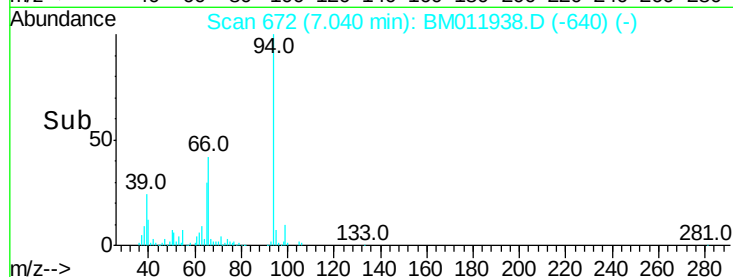
66 41.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM011938.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM011938.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM011938.D (-640) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.837 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. -0.02 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

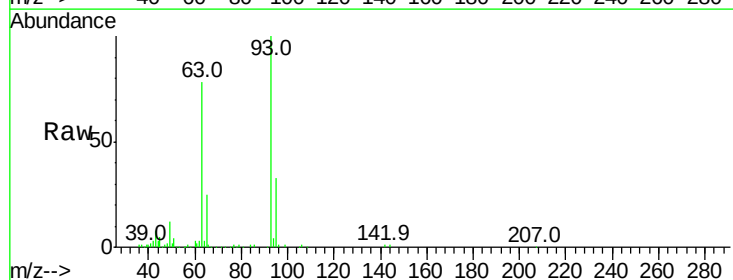
Tgt Ion: 93 Resp: 292597

Ion Ratio Lower Upper

93 100

63 78.0 57.3 85.9

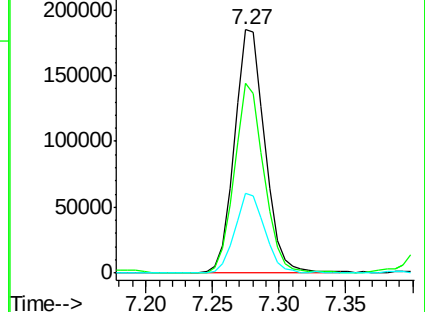
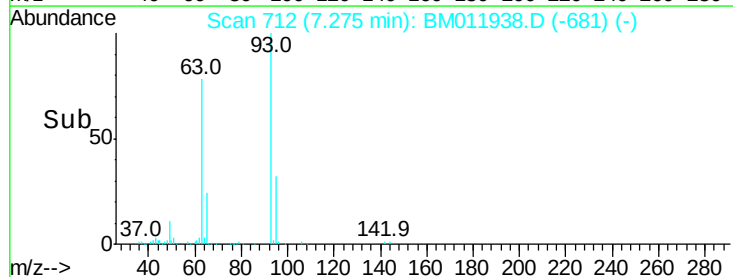
95 32.6 26.6 39.8

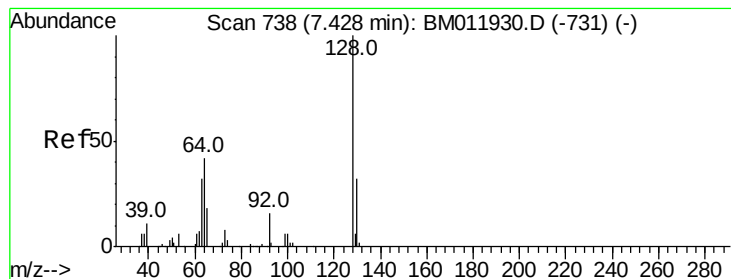


Abundance Ion 93.00 (92.70 to 93.70): BM011938.D (-681) (-)

Ion 63.00 (62.70 to 63.70): BM011938.D (-681) (-)

Ion 95.00 (94.70 to 95.70): BM011938.D (-681) (-)





#10

2-Chlorophenol

Concen: 20.568 ng/ul

RT: 7.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

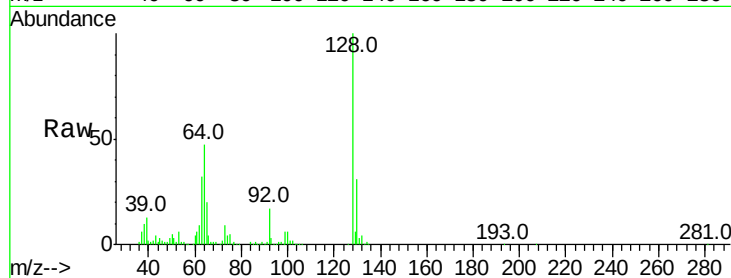
Tot Ion:128 Resp: 320091

Ion Ratio Lower Upper

128 100

64 46.8 38.0 57.0

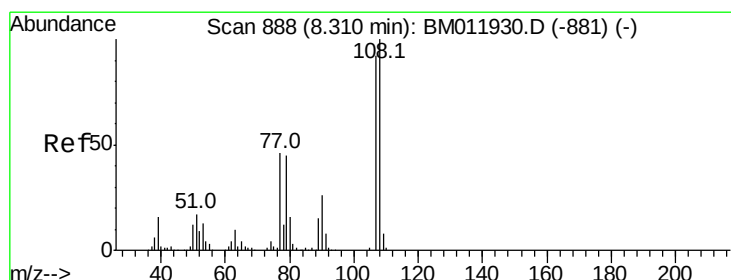
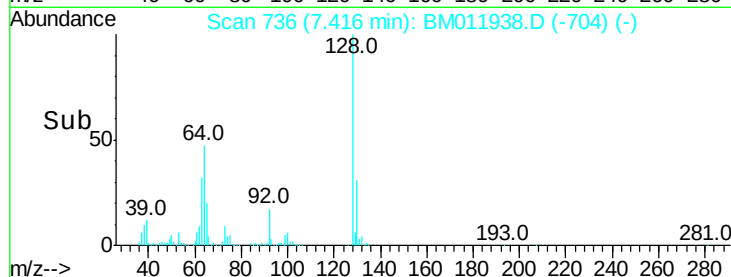
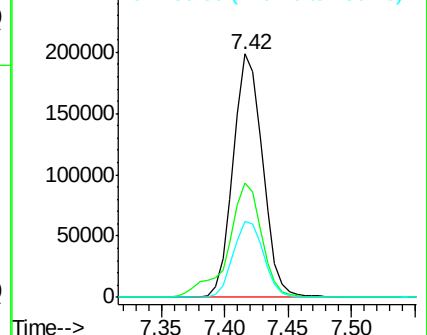
130 31.3 24.4 36.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 18.650 ng/ul

RT: 8.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM011938.D

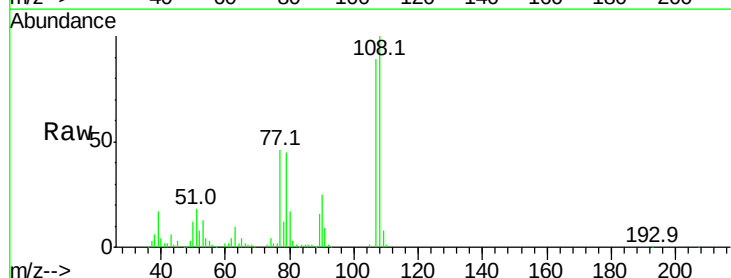
Acq: 06 Oct 2017 13:16

Tgt Ion:108 Resp: 278647

Ion Ratio Lower Upper

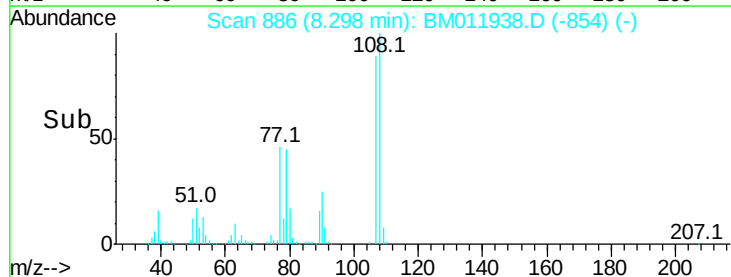
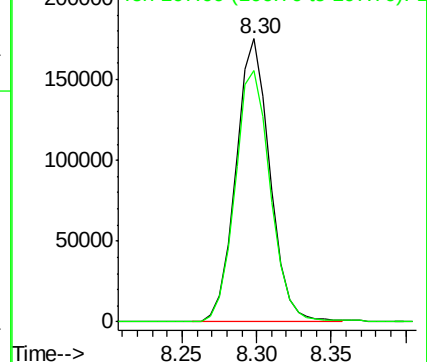
108 100

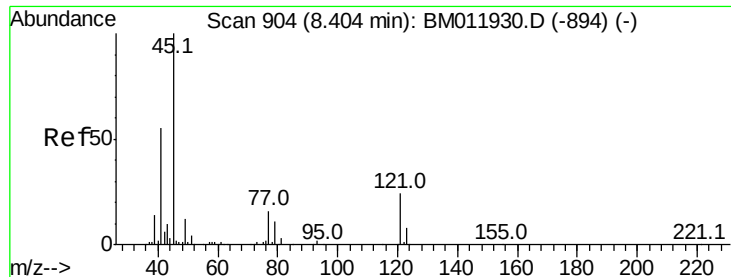
107 88.9 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

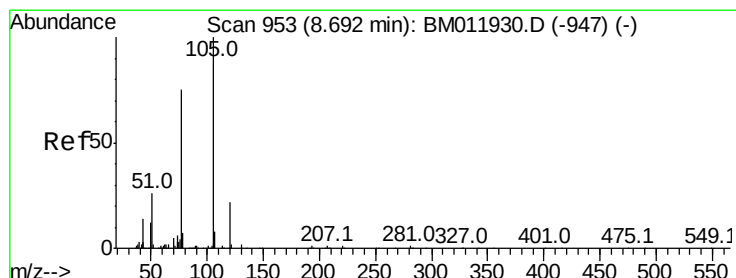
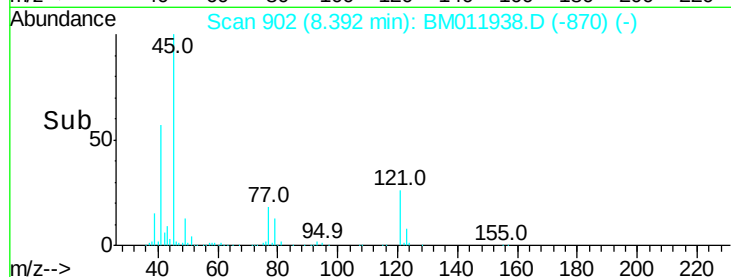
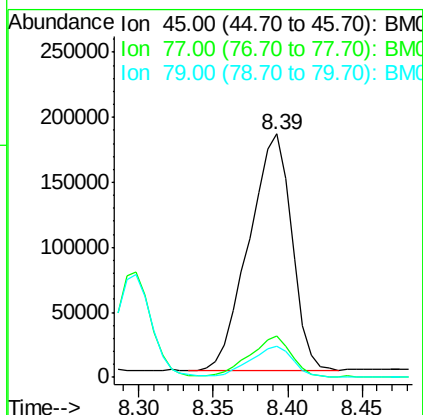
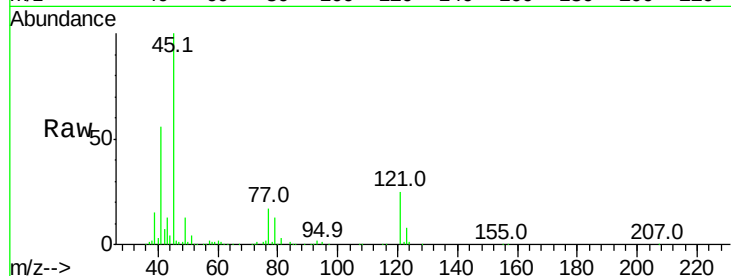




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 19.241 ng/ul  
RT: 8.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

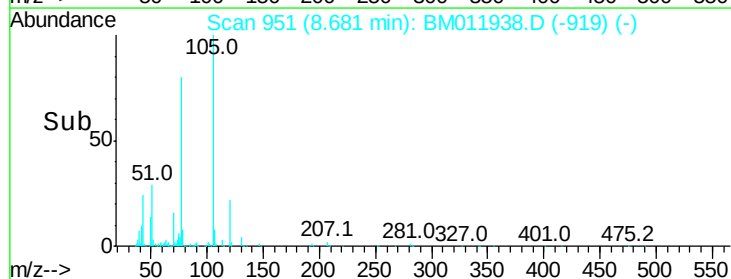
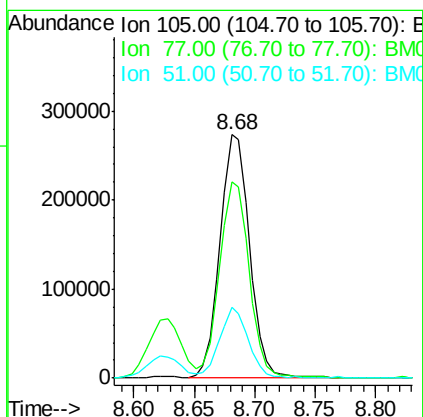
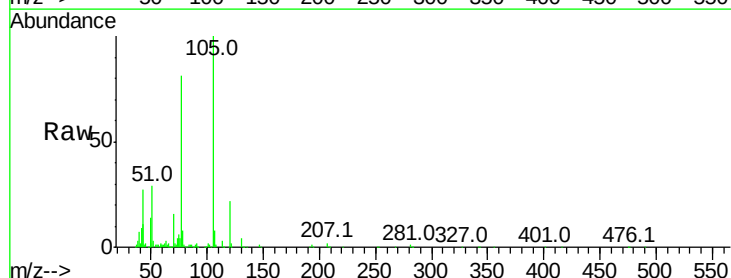
Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion: 45 Resp: 362952  
Ion Ratio Lower Upper  
45 100  
77 17.2 8.0 12.0#  
79 13.0 8.0 12.0#

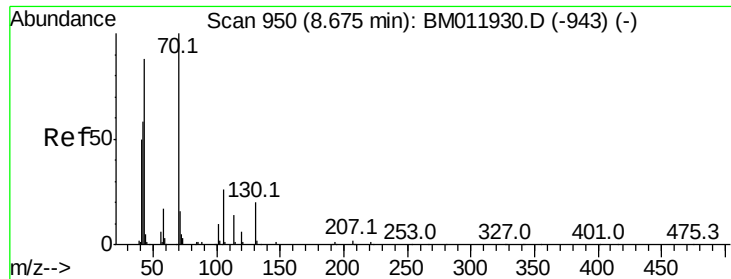


#14  
Acetophenone  
Concen: 18.446 ng/ul  
RT: 8.68 min Scan# 951  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Tgt Ion: 105 Resp: 463214  
Ion Ratio Lower Upper  
105 100  
77 80.6 74.2 111.4  
51 28.9 23.4 35.2







#15

N-Nitroso-di-n-propylamine

Concen: 19.352 ng/ul

RT: 8.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 248688

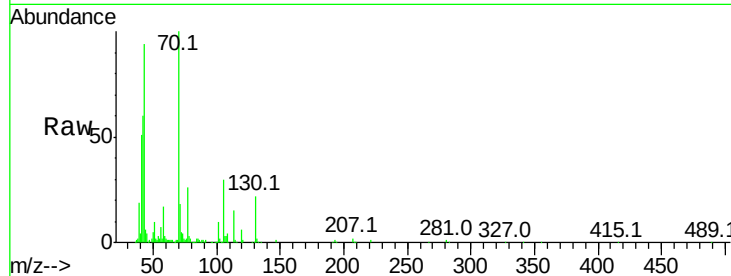
Ion Ratio Lower Upper

70 100

42 60.2 76.0 114.0#

101 10.0 6.7 10.1

130 22.0 14.6 22.0#



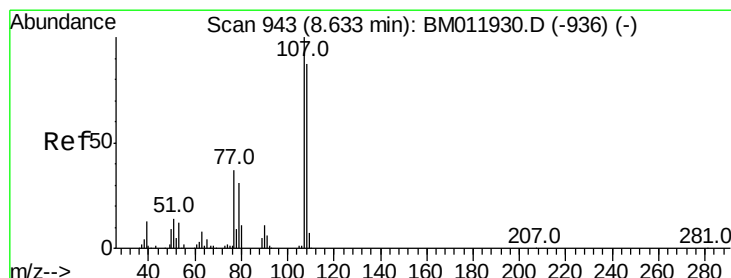
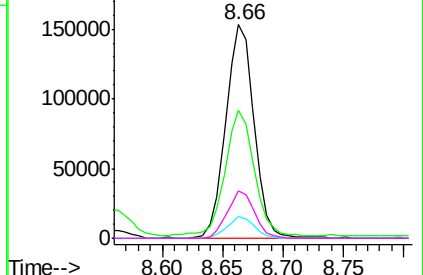
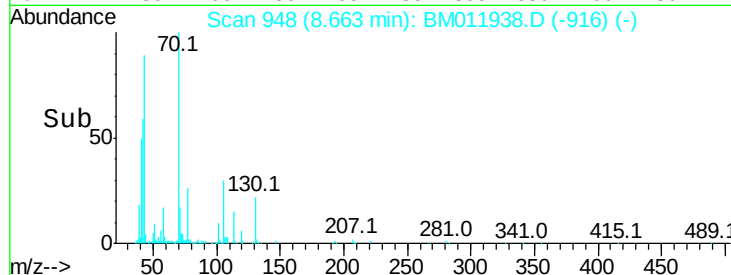
Abundance Ion 70.00 (69.70 to 70.70): BM011938.D (-948) (-)

Ion 42.00 (41.70 to 42.70): BM011938.D (-948) (-)

Ion 101.00 (100.70 to 101.70): BM011938.D (-948) (-)

Ion 130.00 (129.70 to 130.70): BM011938.D (-948) (-)

8.66



#16

4-Methylphenol

Concen: 17.962 ng/ul

RT: 8.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BM011938.D

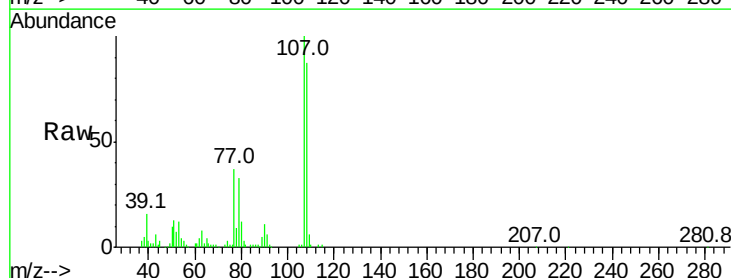
Acq: 06 Oct 2017 13:16

Tgt Ion: 108 Resp: 300390

Ion Ratio Lower Upper

108 100

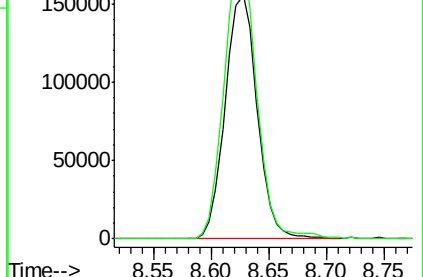
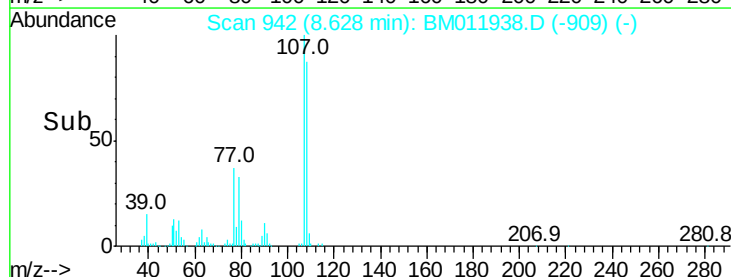
107 114.8 84.9 127.3



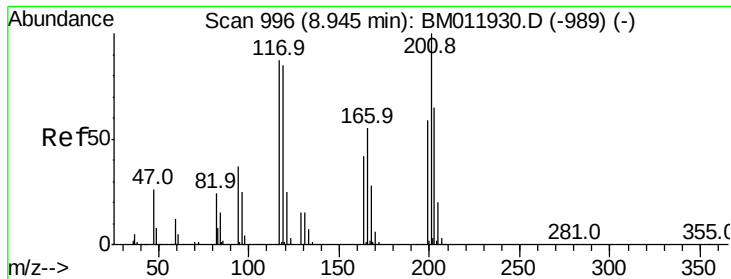
Abundance Ion 108.00 (107.70 to 108.70): BM011938.D (-942) (-)

Ion 107.00 (106.70 to 107.70): BM011938.D (-942) (-)

8.63







#17

Hexachloroethane

Concen: 21.782 ng/ul

RT: 8.93 min Scan# 994

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

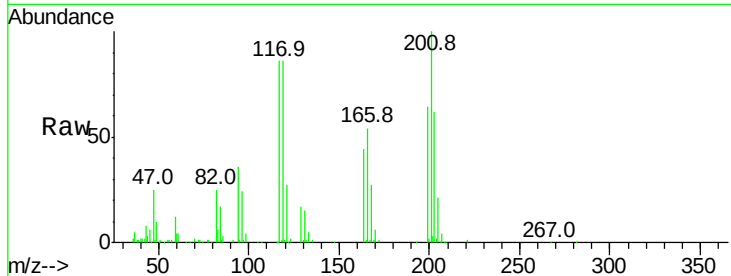
Tot Ion:117 Resp: 136011

Ion Ratio Lower Upper

117 100

201 115.8 111.6 167.4

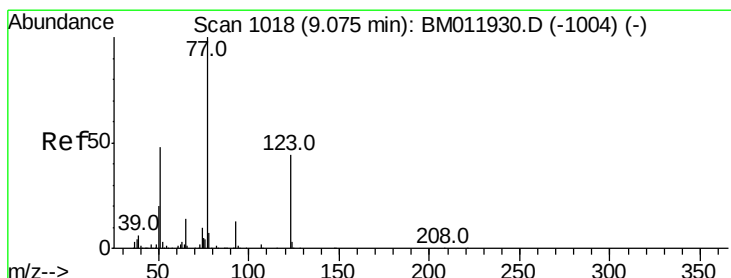
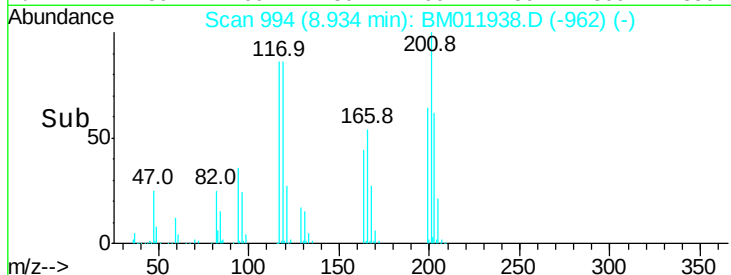
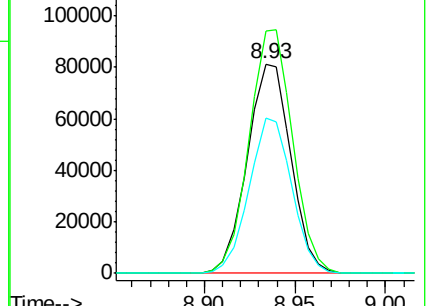
199 74.4 67.8 101.6



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: 22.164 ng/ul

RT: 9.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

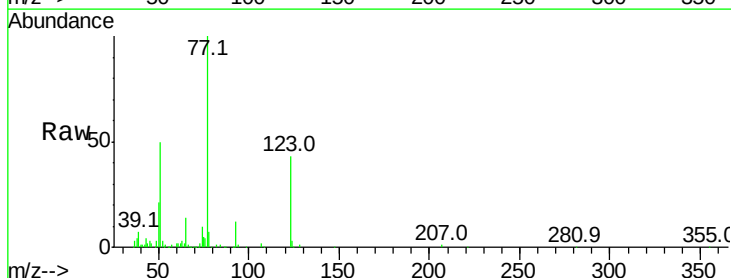
Tgt Ion: 77 Resp: 355937

Ion Ratio Lower Upper

77 100

123 43.2 31.0 46.6

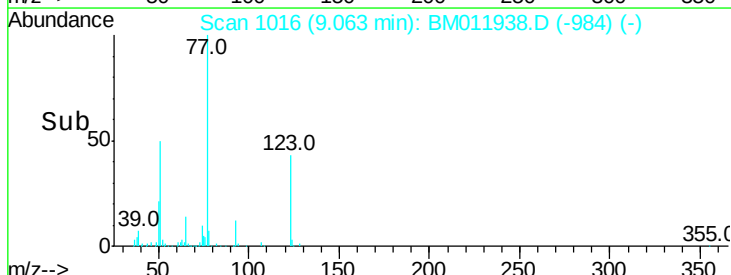
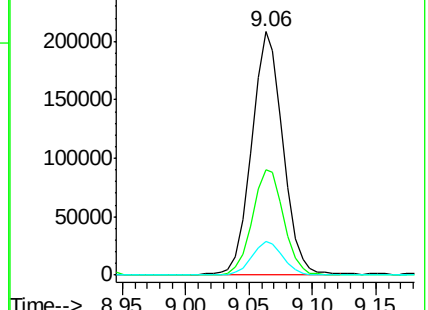
65 14.0 12.2 18.2

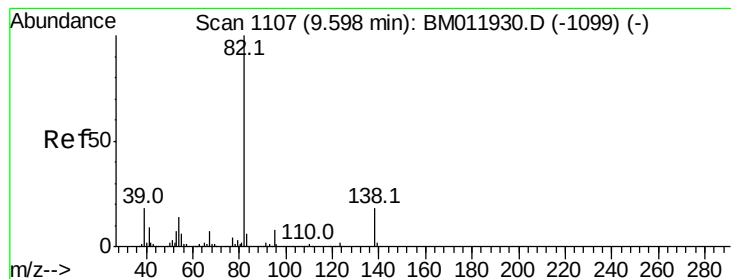


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 21.223 ng/ul

RT: 9.59 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampled :

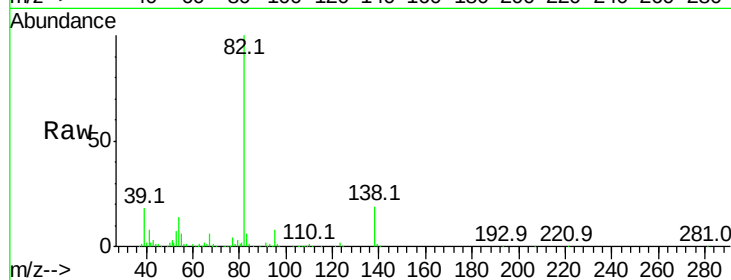
Tot Ion: 82 Resp: 635553

Ion Ratio Lower Upper

82 100

95 7.6 7.8 11.8#

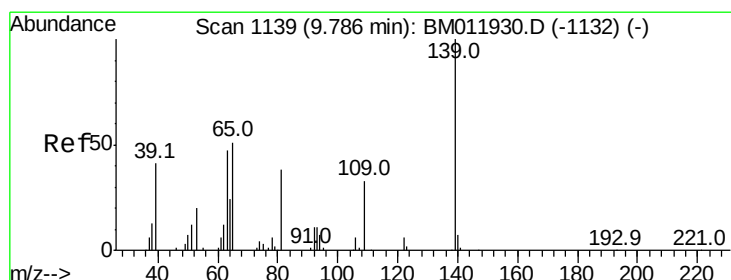
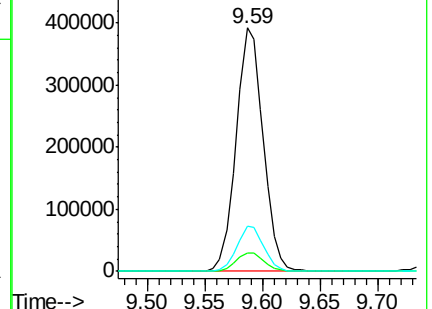
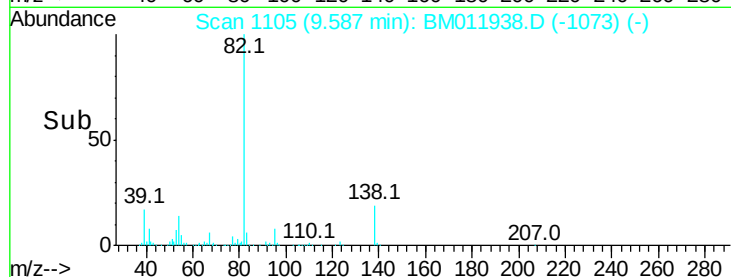
138 18.6 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM011938.D (-1099) (-)

Ion 95.00 (94.70 to 95.70): BM011938.D (-1099) (-)

Ion 138.00 (137.70 to 138.70): BM011938.D (-1099) (-)



#23

2-Nitrophenol

Concen: 22.973 ng/ul

RT: 9.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

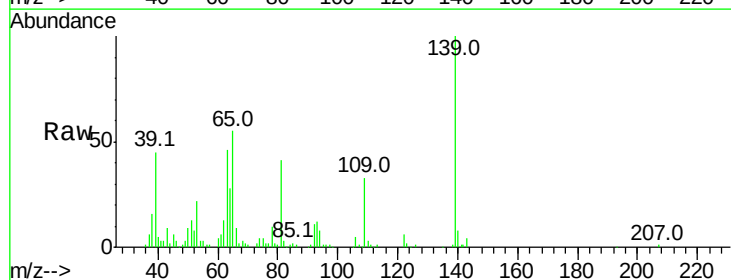
Tgt Ion: 139 Resp: 180773

Ion Ratio Lower Upper

139 100

65 55.3 55.4 83.0#

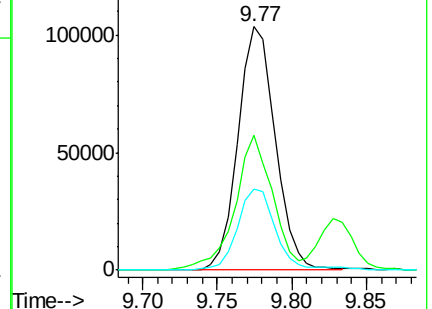
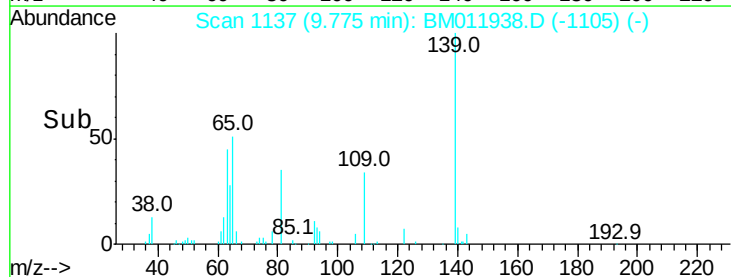
109 33.3 42.2 63.2#

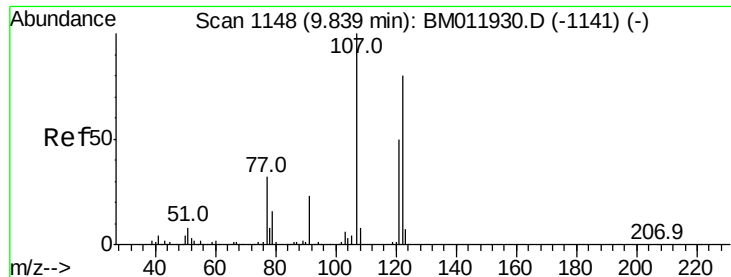


Abundance Ion 139.00 (138.70 to 139.70): BM011938.D (-1132) (-)

Ion 65.00 (64.70 to 65.70): BM011938.D (-1132) (-)

Ion 109.00 (108.70 to 109.70): BM011938.D (-1132) (-)





#24

2,4-Dimethylphenol

Concen: 20.838 ng/ul

RT: 9.83 min Scan# 1146

Delta R.T. -0.01 min

Lab File: BM011938.D

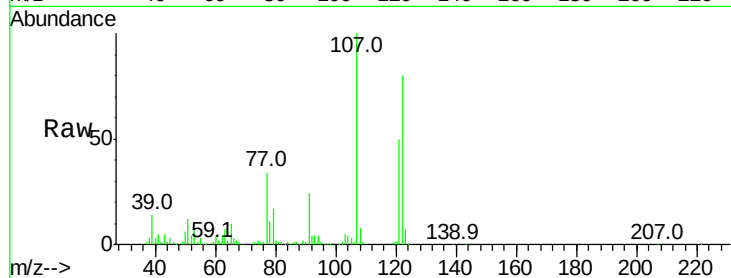
Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

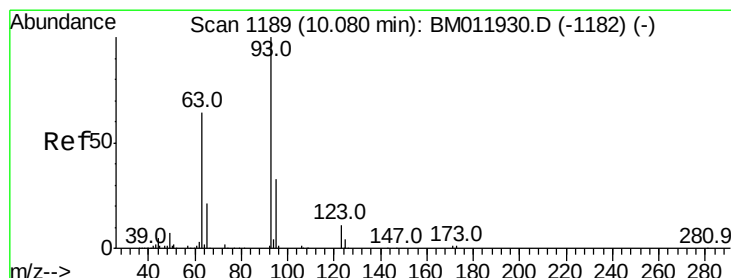
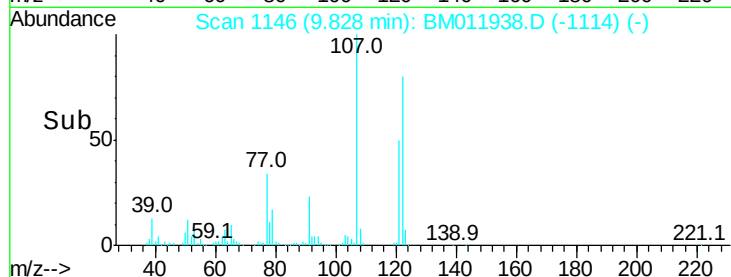
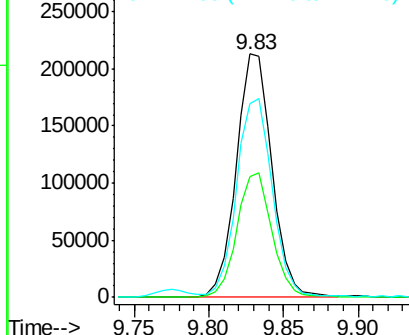
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 121     | 49.6  | 31.9  | 47.9# |
| 122     | 79.6  | 57.8  | 86.6  |



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: 21.323 ng/ul

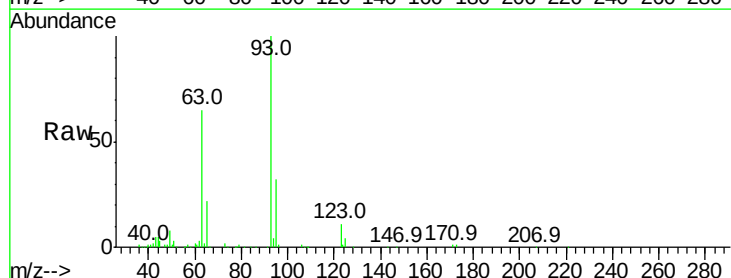
RT: 10.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

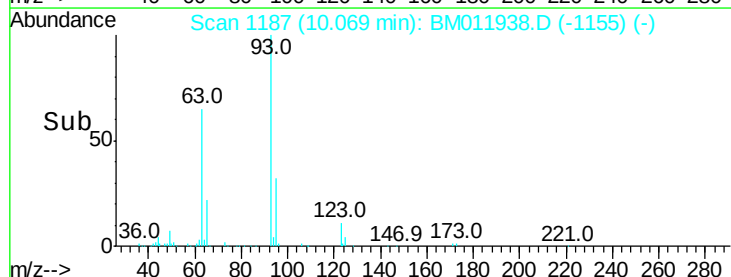
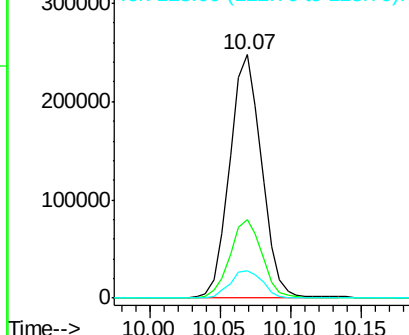
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.1  | 28.5  | 42.7  |
| 123     | 11.3  | 8.9   | 13.3  |

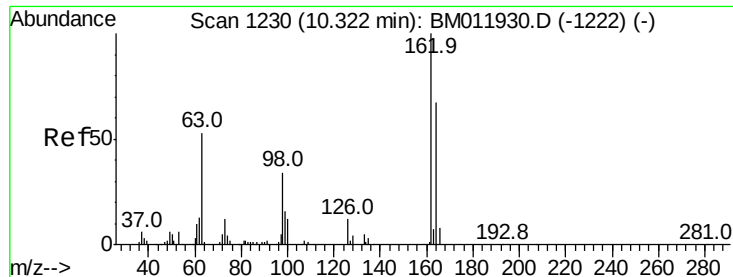


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.358 ng/ul

RT: 10.31 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampled :

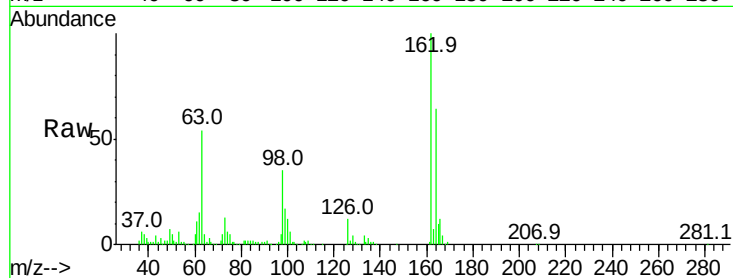
Tot Ion:162 Resp: 311833

Ion Ratio Lower Upper

162 100

164 64.3 47.8 71.6

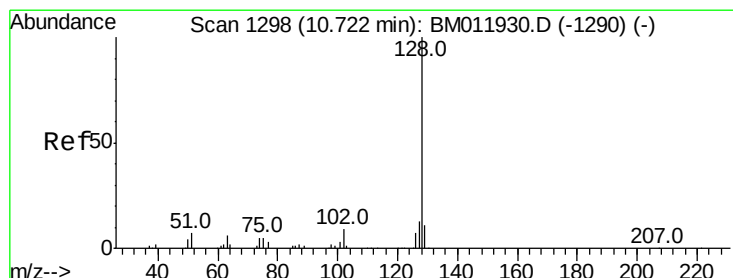
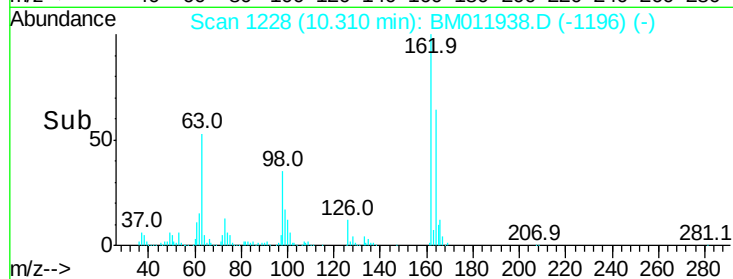
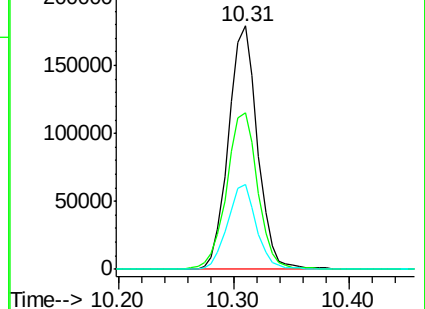
98 34.9 23.0 34.4#



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: 20.761 ng/ul

RT: 10.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

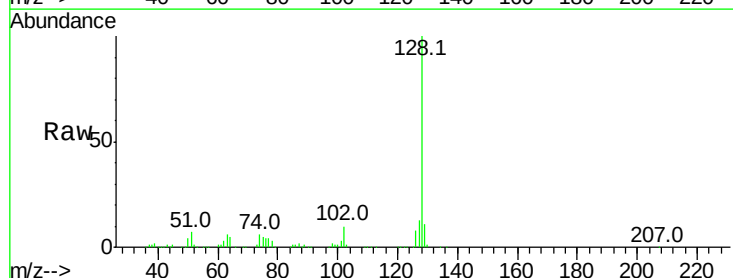
Tgt Ion:128 Resp: 972122

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

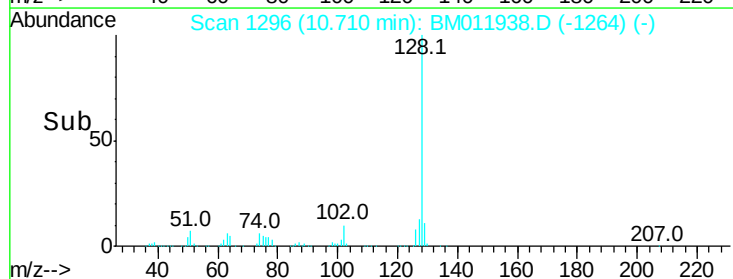
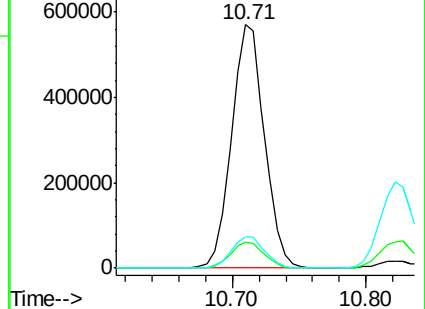
127 13.0 10.6 16.0

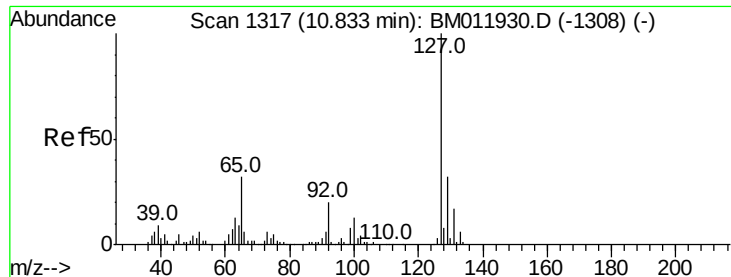


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

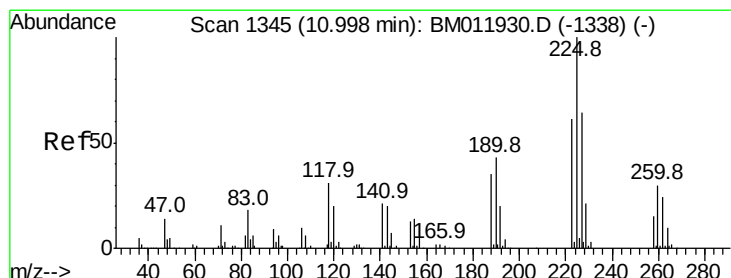
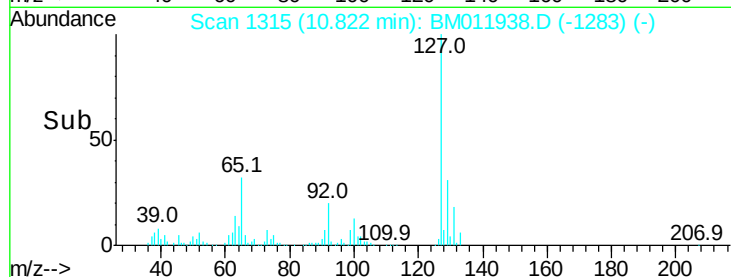
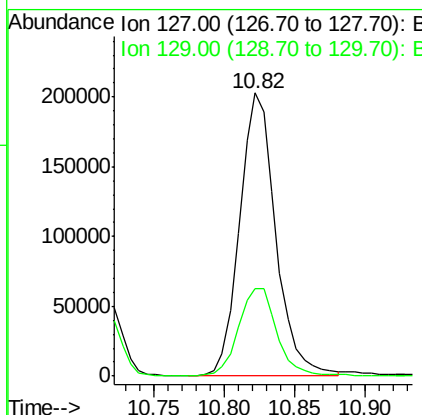
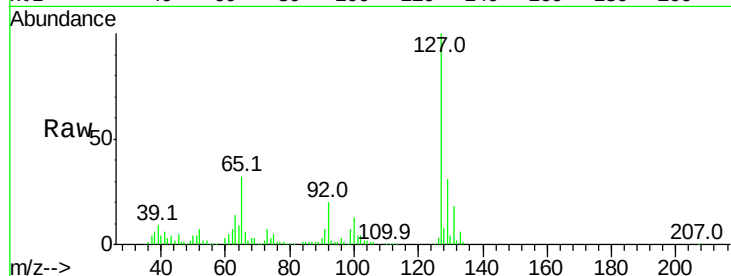




#30  
4-Chloroaniline  
Concen: 22.320 ng/ul  
RT: 10.82 min Scan# 1315  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

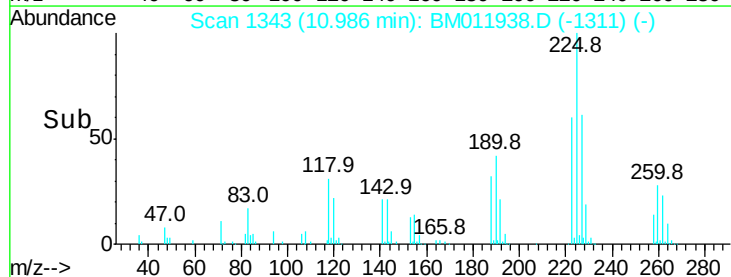
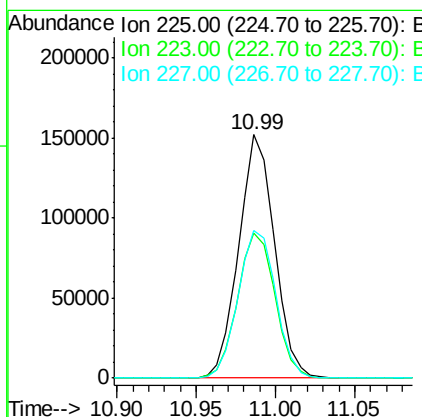
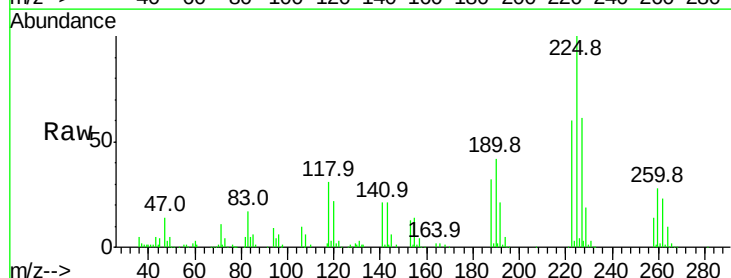
Instrument :  
BNA\_M  
ClientSampleId :

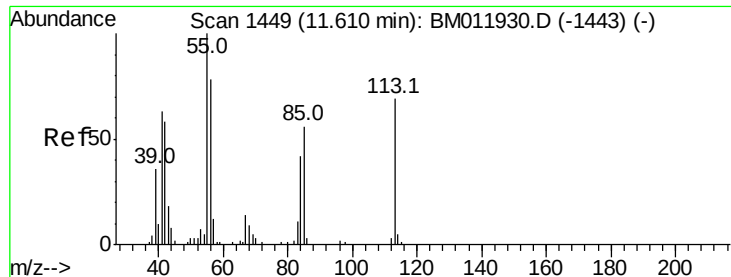
Tot Ion:127 Resp: 361593  
Ion Ratio Lower Upper  
127 100  
129 30.8 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 22.302 ng/ul  
RT: 10.99 min Scan# 1343  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Tgt Ion:225 Resp: 238898  
Ion Ratio Lower Upper  
225 100  
223 59.8 49.4 74.2  
227 60.8 45.4 68.2





#32

Caprolactam

Concen: 18.531 ng/ul

RT: 11.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

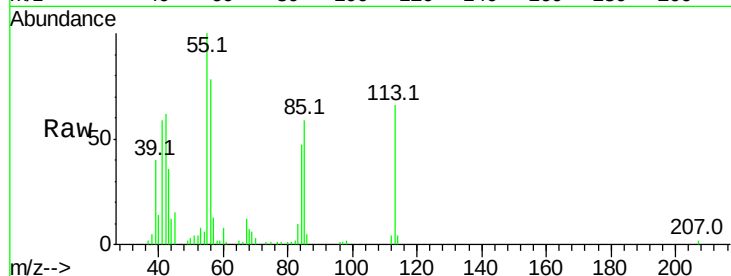
Tot Ion:113 Resp: 88704

Ion Ratio Lower Upper

113 100

55 151.5 208.0 312.0#

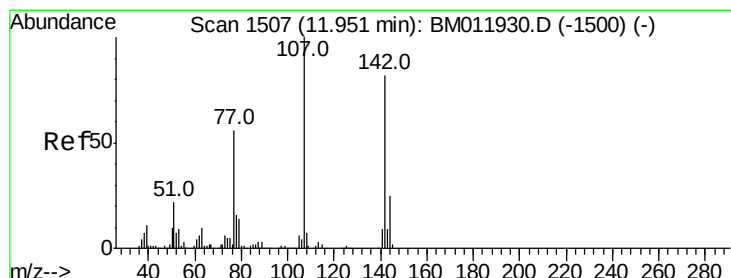
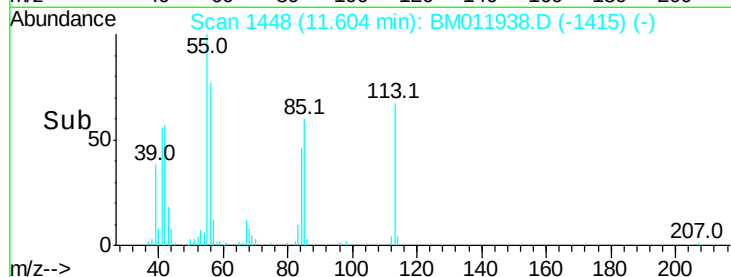
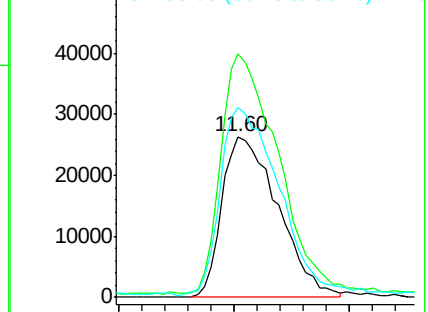
56 117.8 160.0 240.0#



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: 19.777 ng/ul

RT: 11.95 min Scan# 1506

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

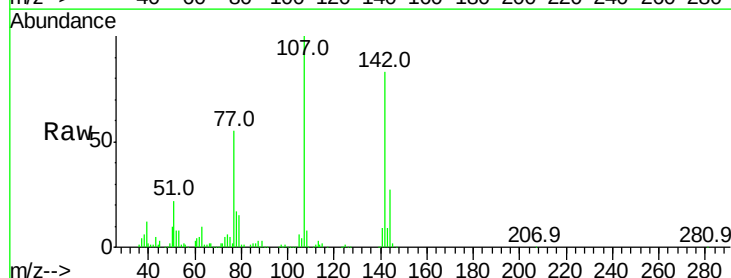
Tgt Ion:107 Resp: 313874

Ion Ratio Lower Upper

107 100

144 27.5 20.4 30.6

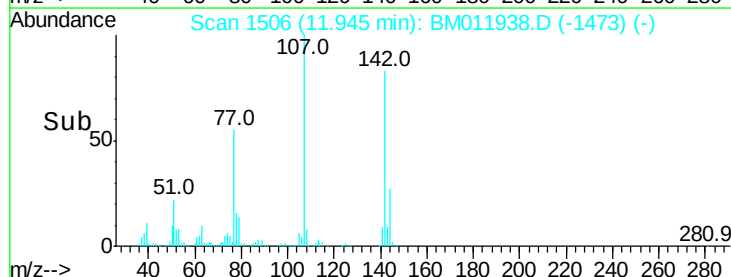
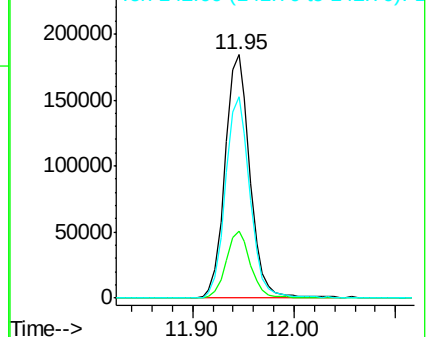
142 82.8 60.5 90.7

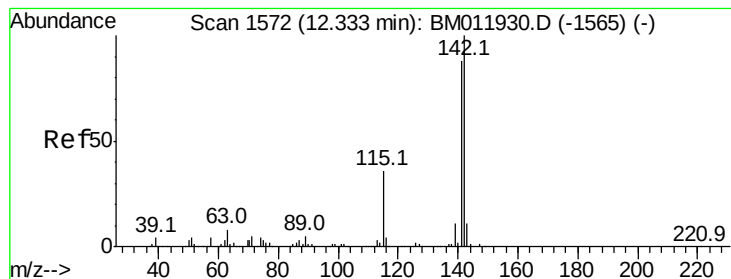


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.963 ng/ul

RT: 12.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

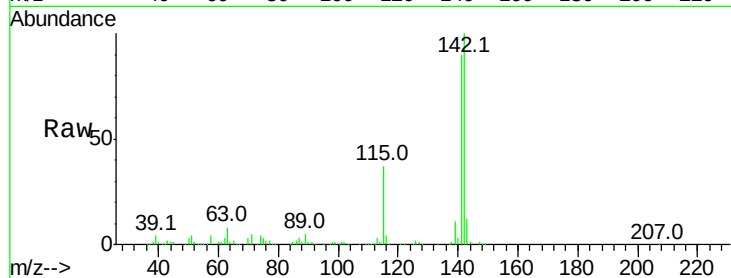
ClientSampled :

Tot Ion:142 Resp: 712760

Ion Ratio Lower Upper

142 100

141 90.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.32

400000

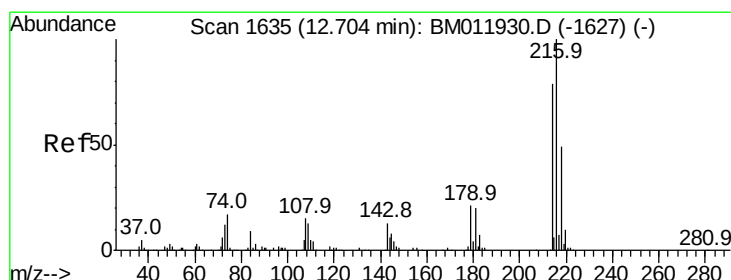
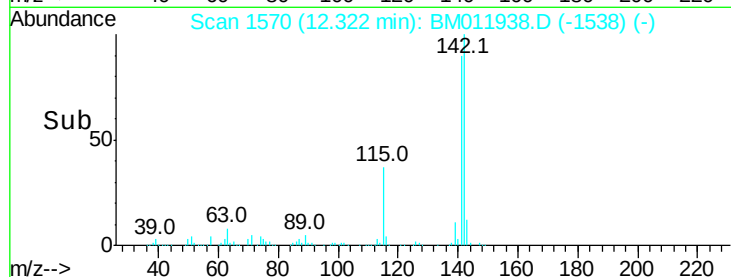
300000

200000

100000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 22.595 ng/ul

RT: 12.69 min Scan# 1633

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:216 Resp: 407225

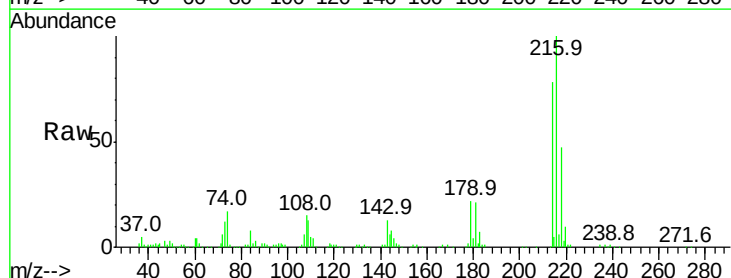
Ion Ratio Lower Upper

216 100

214 77.9 60.6 90.8

179 21.6 17.5 26.3

108 15.1 11.3 16.9



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

12.69

400000

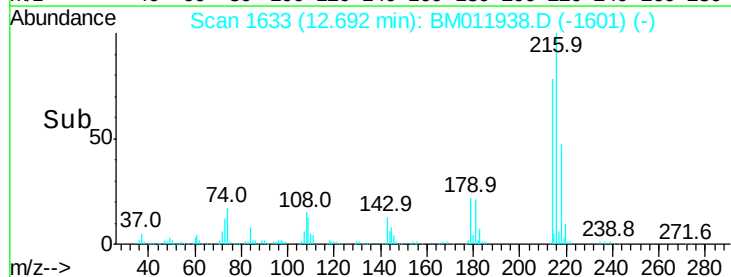
300000

200000

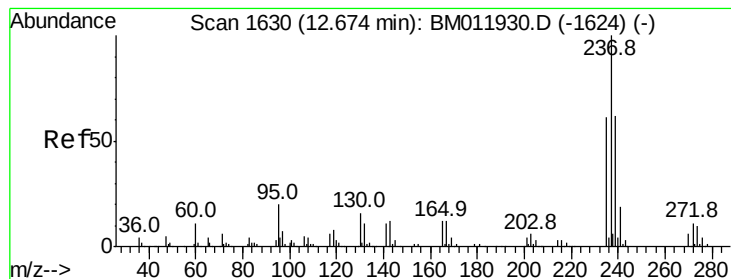
100000

0

Time-->







#37

Hexachlorocyclopentadiene

Concen: 20.766 ng/ul

RT: 12.67 min Scan# 1629

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

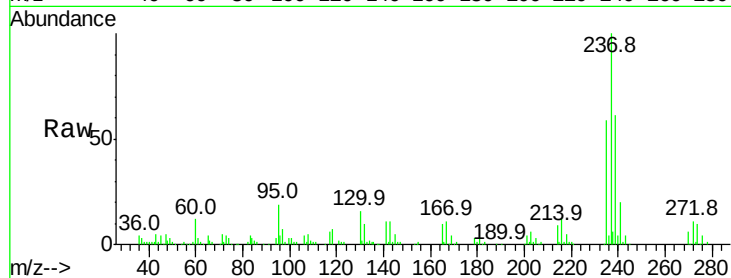
Tot Ion:237 Resp: 217835

Ion Ratio Lower Upper

237 100

235 59.2 50.2 75.4

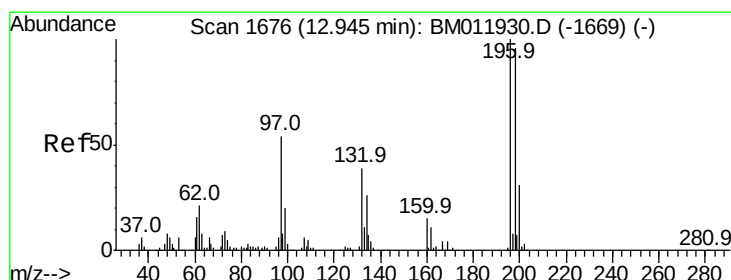
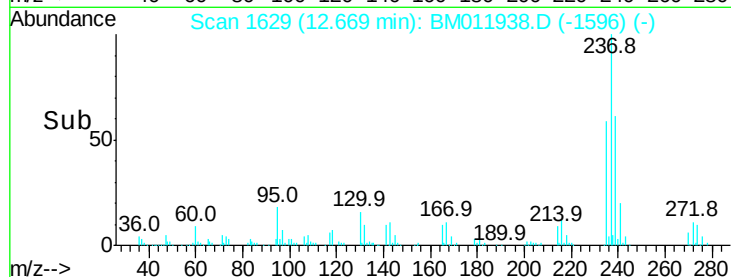
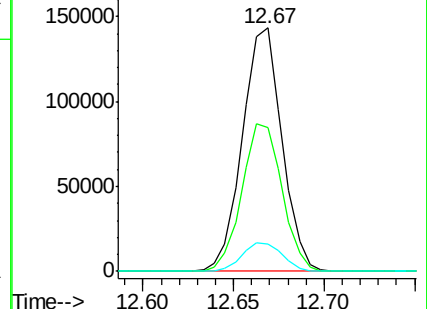
272 11.1 11.0 16.6



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 23.189 ng/ul

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

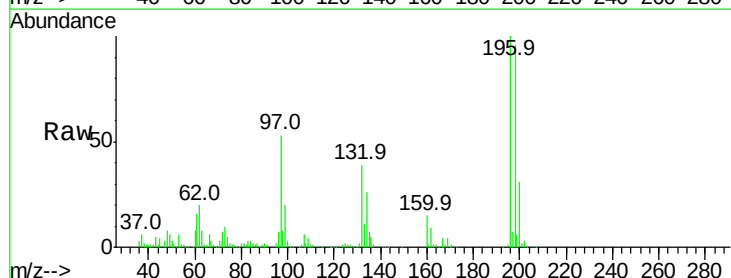
Tgt Ion:196 Resp: 265450

Ion Ratio Lower Upper

196 100

198 95.9 74.1 111.1

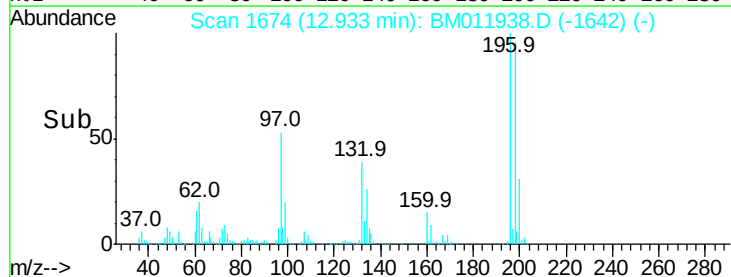
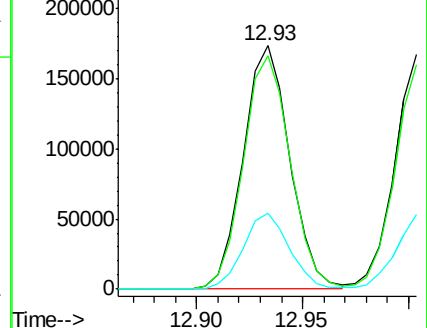
200 31.0 25.2 37.8

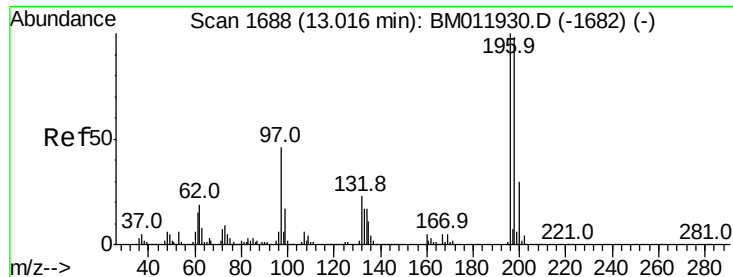


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

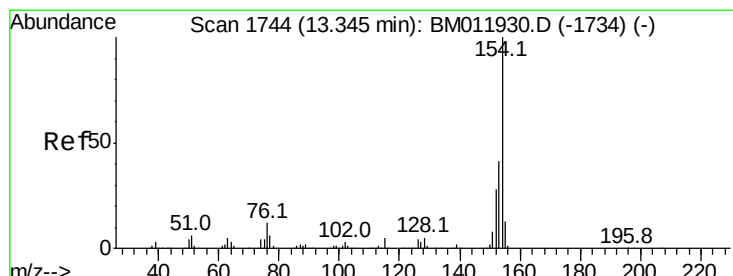
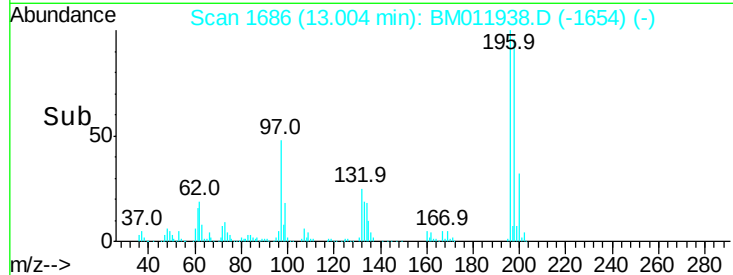
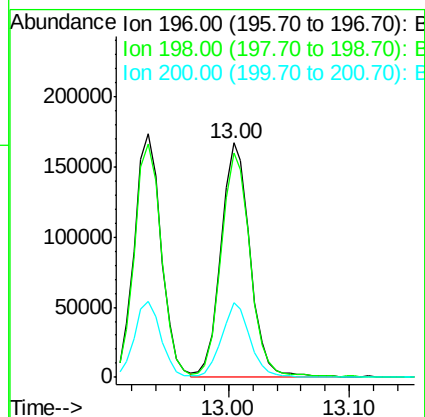
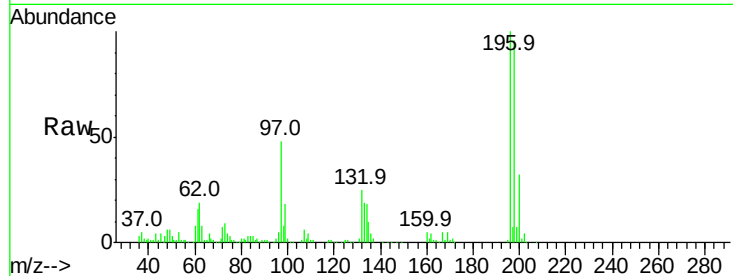




#39  
 2,4,5-Trichlorophenol  
 Concen: 22.930 ng/ul  
 RT: 13.00 min Scan# 1686  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

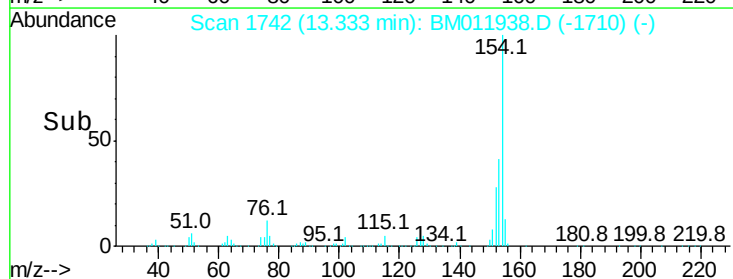
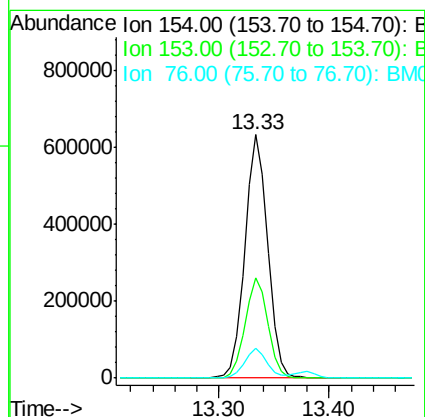
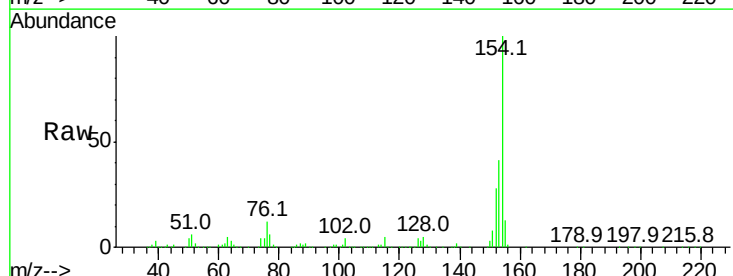
Instrument :  
 BNA\_M  
 ClientSampled :

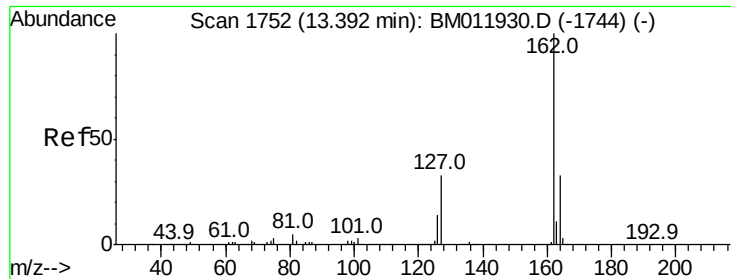
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 95.9  | 75.6  | 113.4 |
| 200     | 31.8  | 25.5  | 38.3  |



#40  
 1,1'-Biphenyl  
 Concen: 21.652 ng/ul  
 RT: 13.33 min Scan# 1742  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 41.0  | 32.6  | 48.8  |
| 76      | 12.0  | 8.5   | 12.7  |

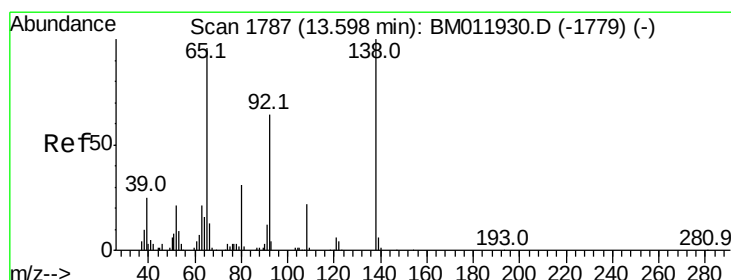
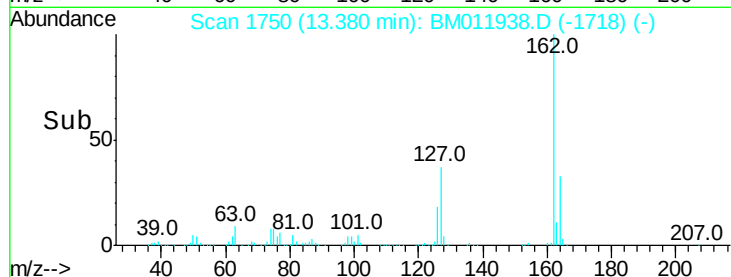
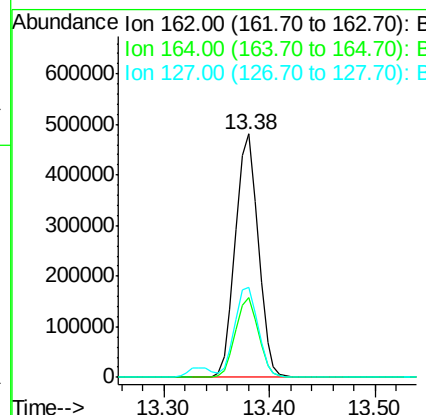
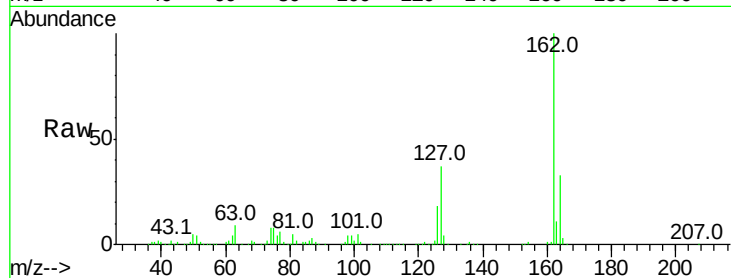




#41  
2-Chloronaphthalene  
Concen: 21.721 ng/ul  
RT: 13.38 min Scan# 1750  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

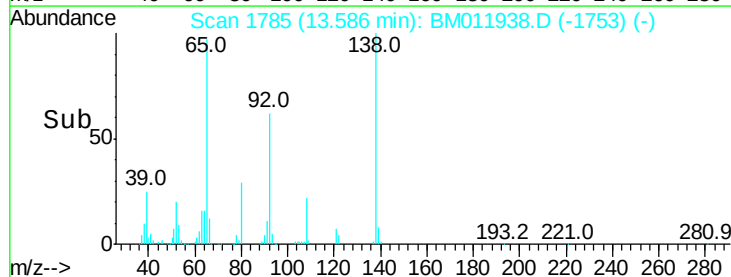
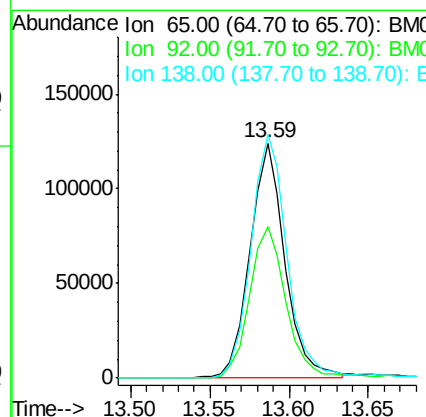
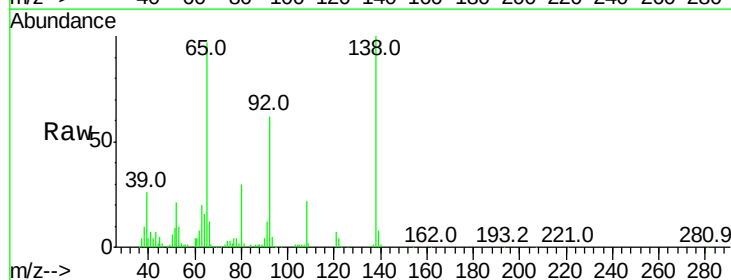
Instrument :  
BNA\_M  
ClientSampleId :

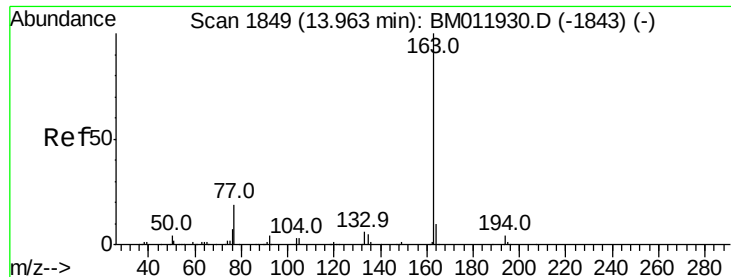
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.6  | 25.9  | 38.9  |
| 127     | 37.2  | 29.4  | 44.2  |



#42  
2-Nitroaniline  
Concen: 22.505 ng/ul  
RT: 13.59 min Scan# 1785  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 64.6  | 51.8  | 77.6  |
| 138     | 103.6 | 74.2  | 111.4 |





#44

Dimethylphthalate

Concen: 20.409 ng/ul

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

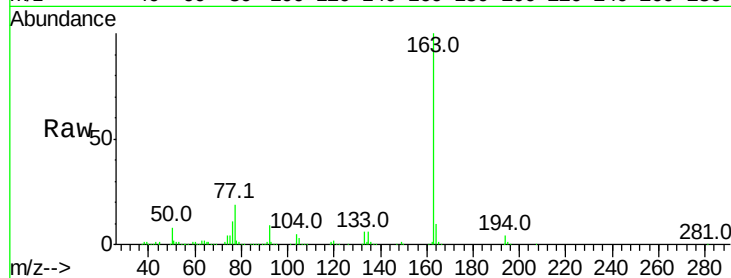
Tot Ion:163 Resp: 904103

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

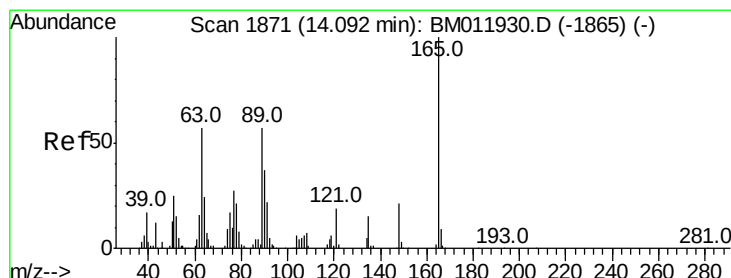
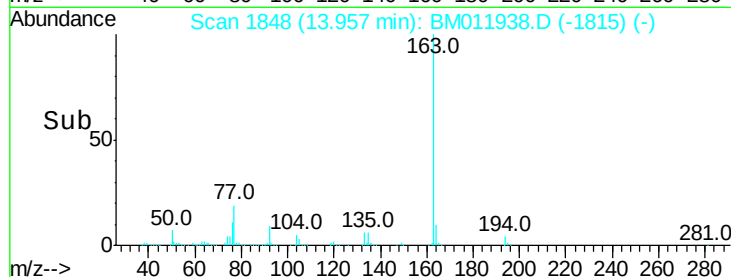
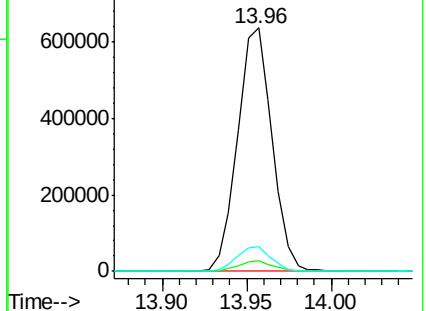
164 9.9 8.2 12.4



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: 21.564 ng/ul

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

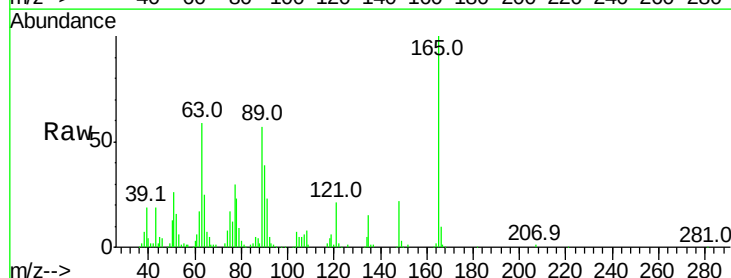
Tgt Ion:165 Resp: 180104

Ion Ratio Lower Upper

165 100

89 57.5 52.6 79.0

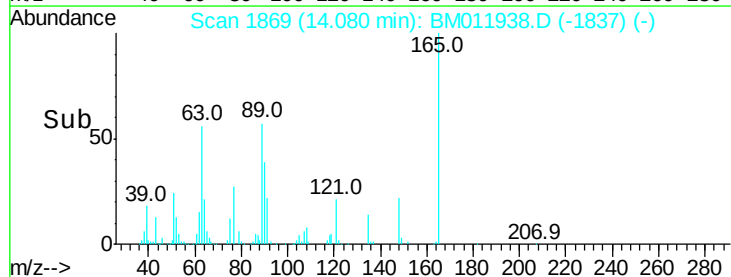
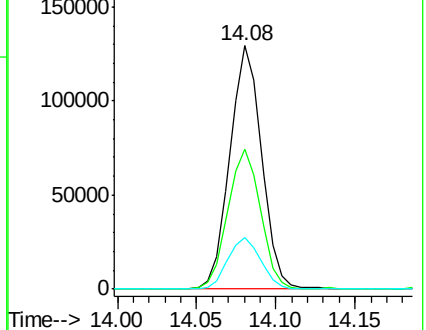
121 21.0 14.6 22.0

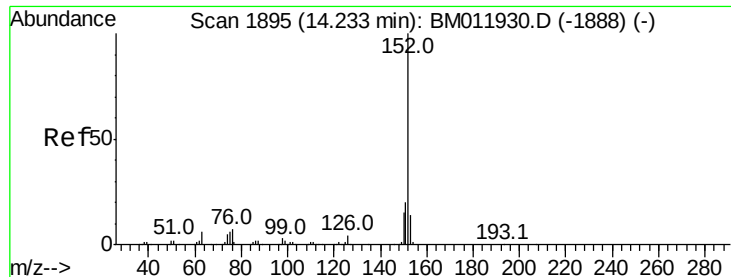


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 21.418 ng/ul

RT: 14.23 min Scan# 1894

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

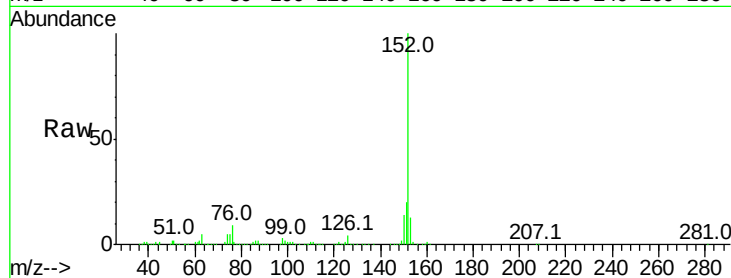
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1123687

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.9  | 16.3  | 24.5  |
| 153 | 12.9  | 10.2  | 15.4  |

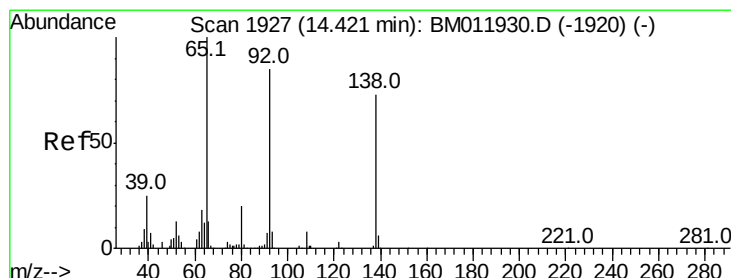
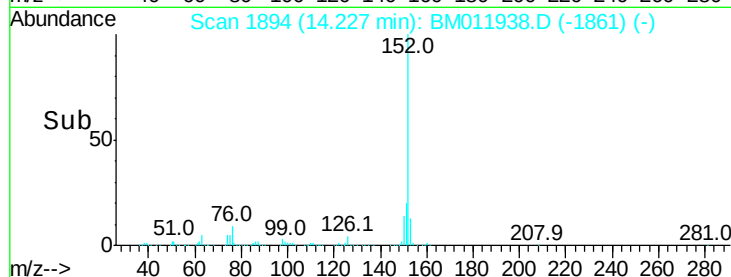
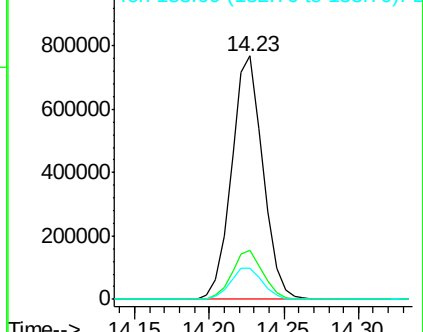


Abundance

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: 20.721 ng/ul

RT: 14.41 min Scan# 1925

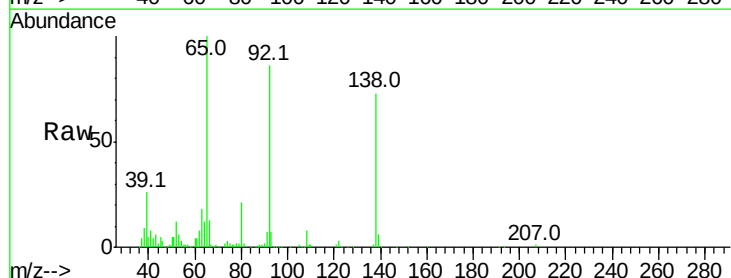
Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:138 Resp: 160763

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 11.0  | 9.9   | 14.9  |
| 92  | 116.4 | 105.0 | 157.4 |

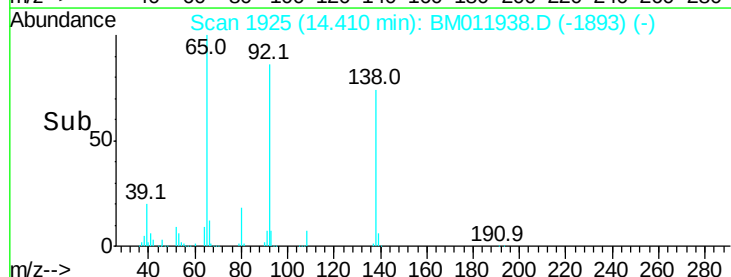
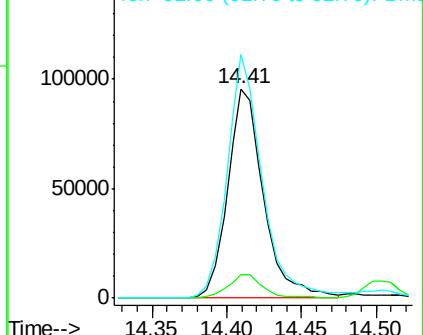


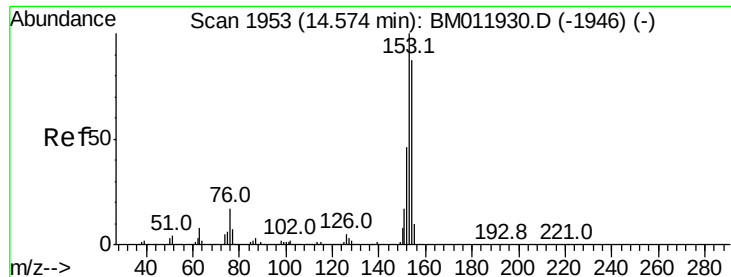
Abundance

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): E





#49

Acenaphthene

Concen: 20.565 ng/ul

RT: 14.57 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

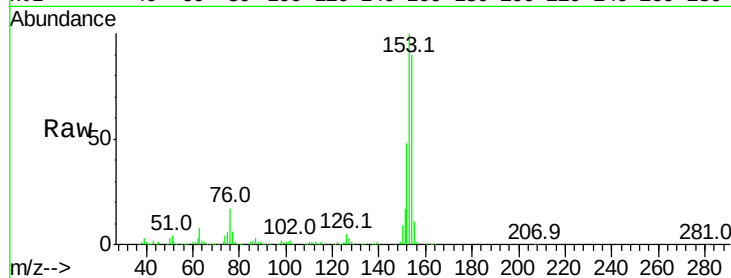
Tot Ion:153 Resp: 746624

Ion Ratio Lower Upper

153 100

152 47.9 37.6 56.4

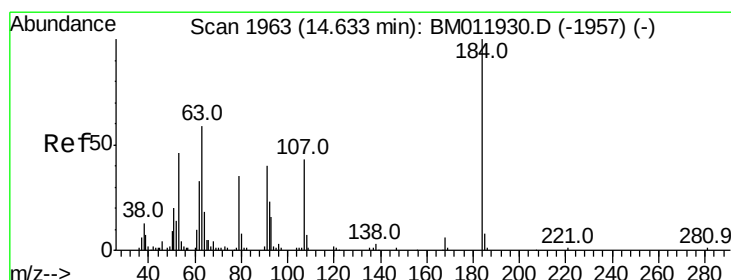
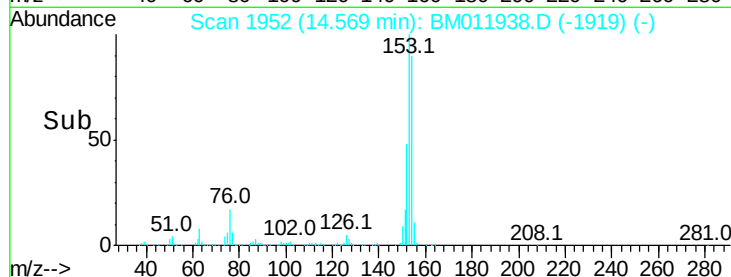
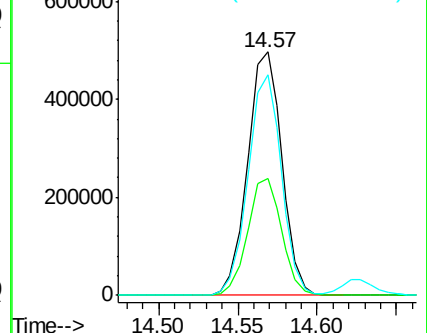
154 90.5 70.4 105.6



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: 14.405 ng/ul

RT: 14.63 min Scan# 1962

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

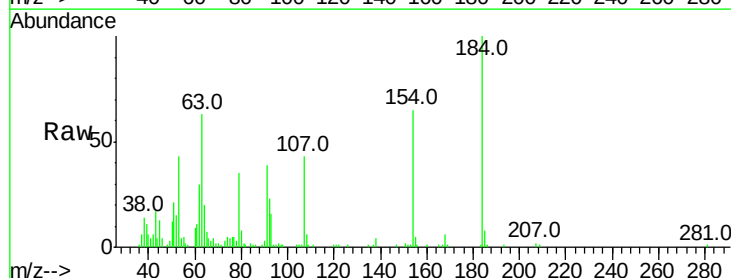
Tgt Ion:184 Resp: 79512

Ion Ratio Lower Upper

184 100

63 63.1 50.1 75.1

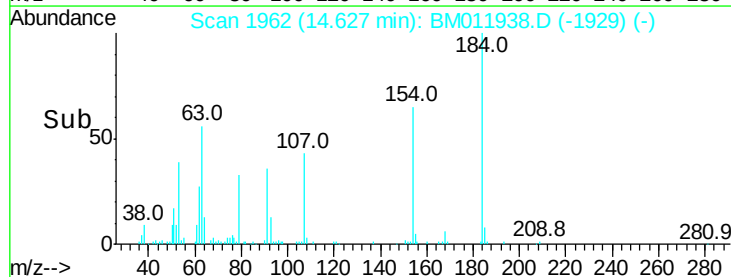
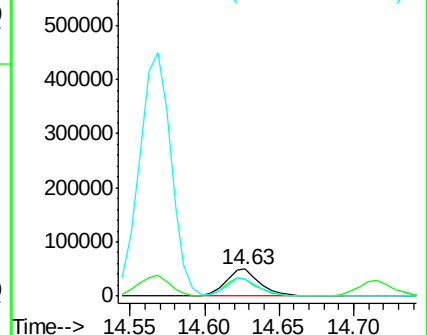
154 64.8 54.5 81.7

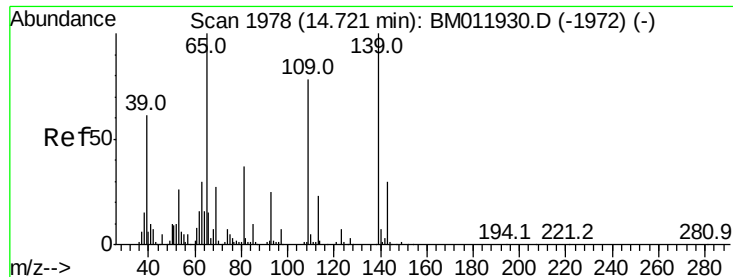


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 19.477 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

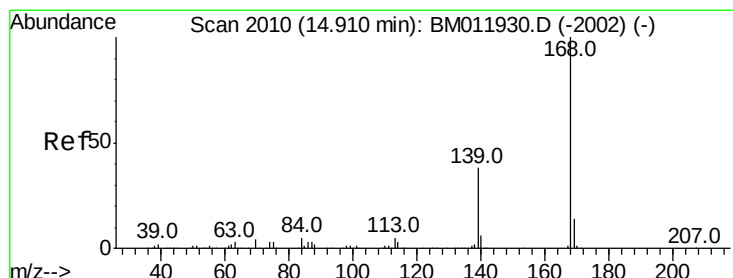
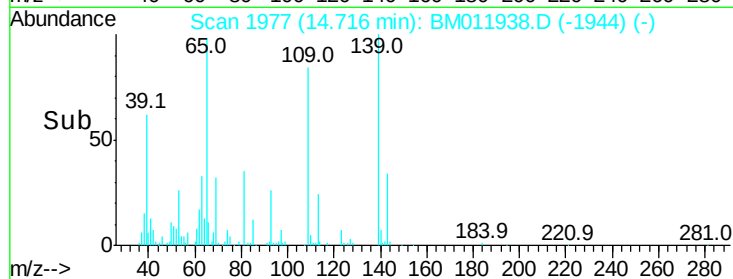
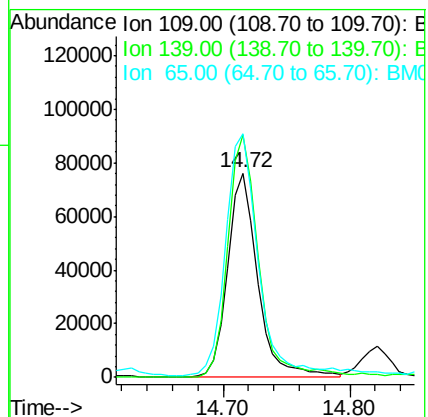
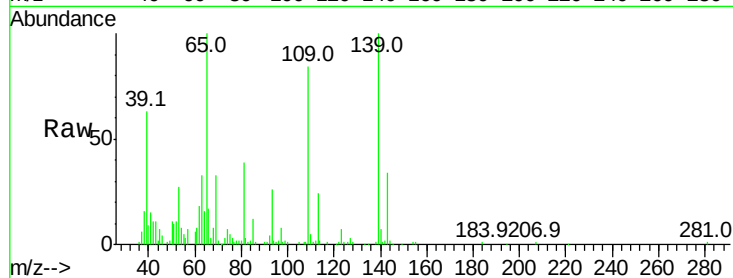
Tot Ion:109 Resp: 125226

Ion Ratio Lower Upper

109 100

139 118.7 80.0 120.0

65 119.2 120.0 180.0#



#53

Dibenzofuran

Concen: 20.431 ng/ul

RT: 14.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BM011938.D

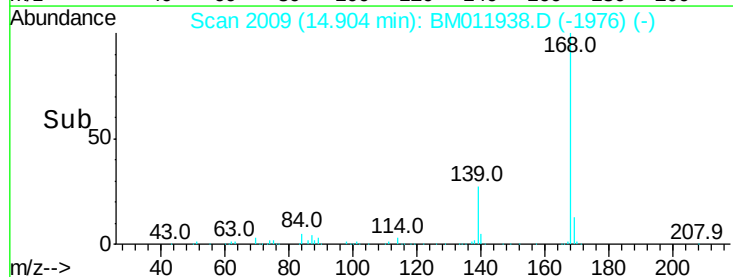
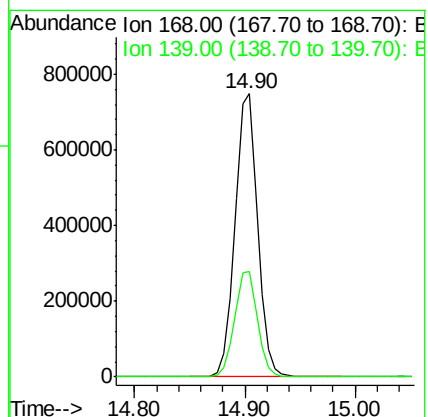
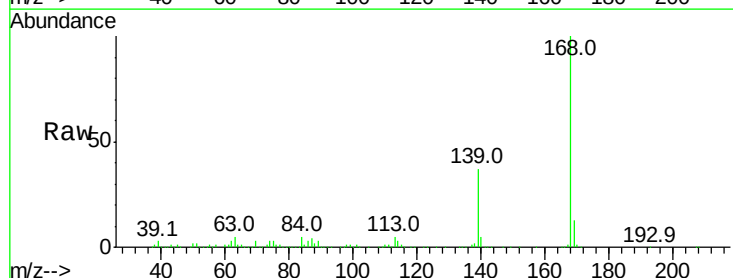
Acq: 06 Oct 2017 13:16

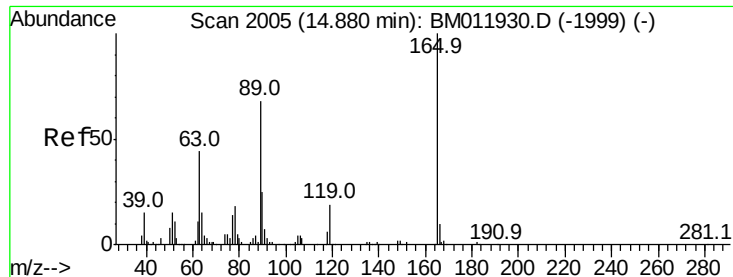
Tgt Ion:168 Resp: 1076556

Ion Ratio Lower Upper

168 100

139 37.5 30.8 46.2





#54

2,4-Dinitrotoluene

Concen: 20.736 ng/ul

RT: 14.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampled :

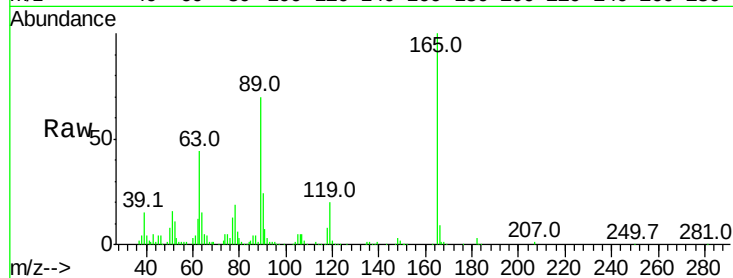
Tot Ion:165 Resp: 256075

Ion Ratio Lower Upper

165 100

63 44.3 45.8 68.8#

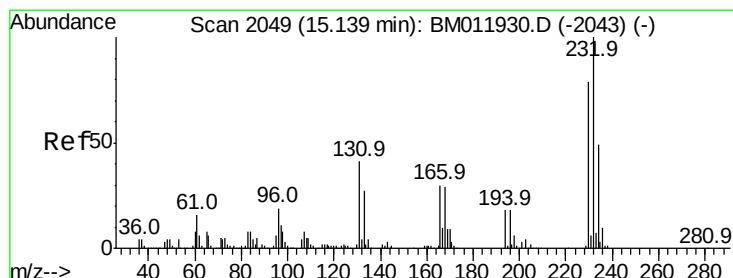
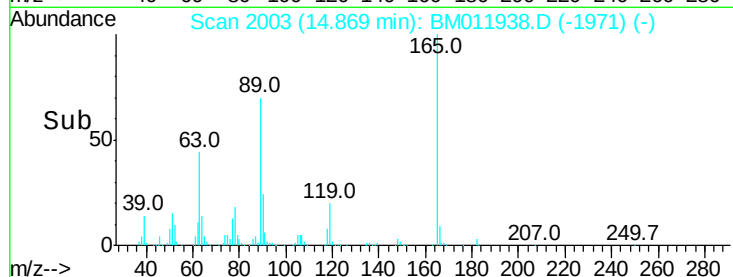
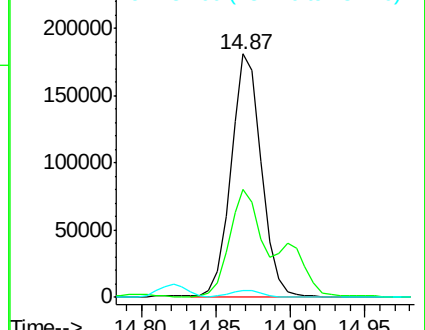
182 2.7 2.6 4.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.920 ng/ul

RT: 15.13 min Scan# 2047

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:232 Resp: 246140

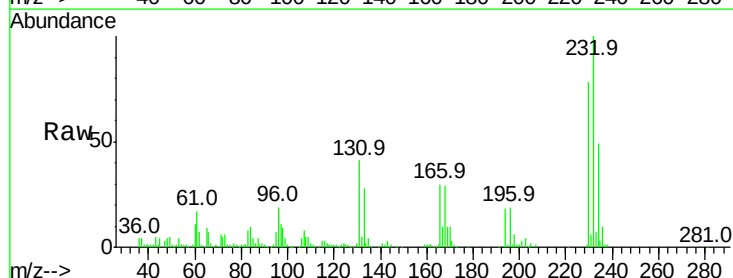
Ion Ratio Lower Upper

232 100

131 41.1 29.0 43.4

130 2.5 2.0 3.0

166 30.2 21.4 32.2

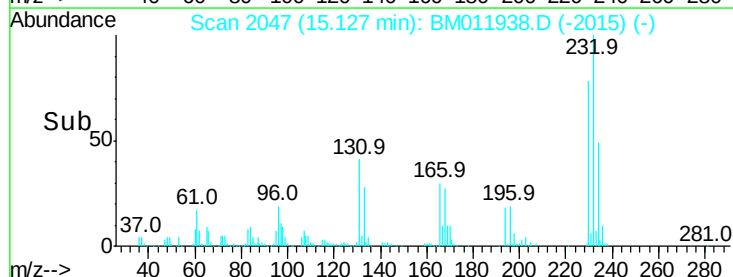
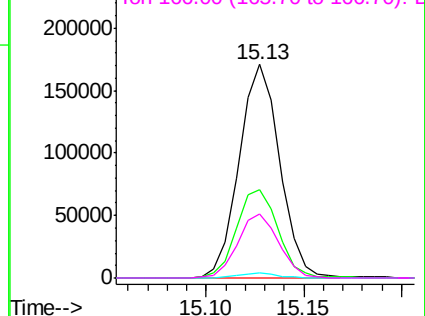


Abundance Ion 232.00 (231.70 to 232.70): E

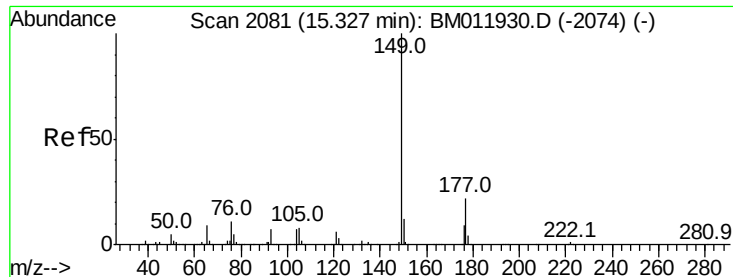
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E







#56

Diethylphthalate

Concen: 20.310 ng/ul

RT: 15.32 min Scan# 2079

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

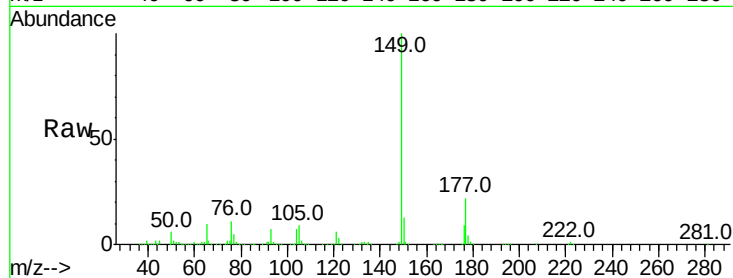
Tot Ion:149 Resp: 913193

Ion Ratio Lower Upper

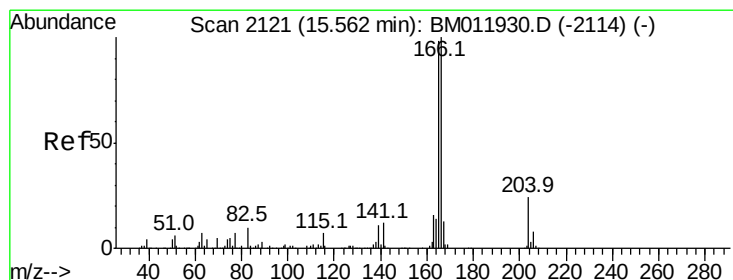
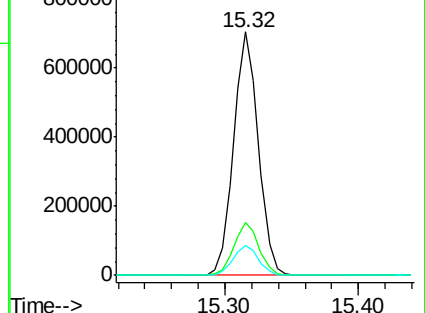
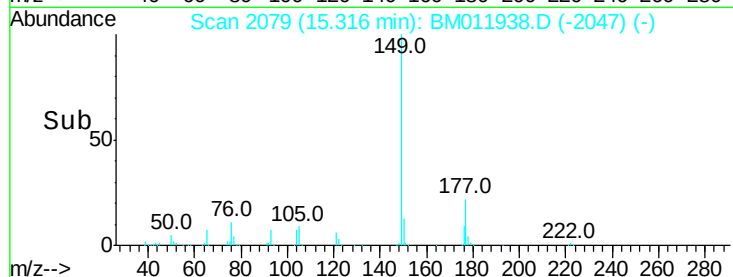
149 100

177 22.0 20.5 30.7

150 12.5 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: 19.807 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

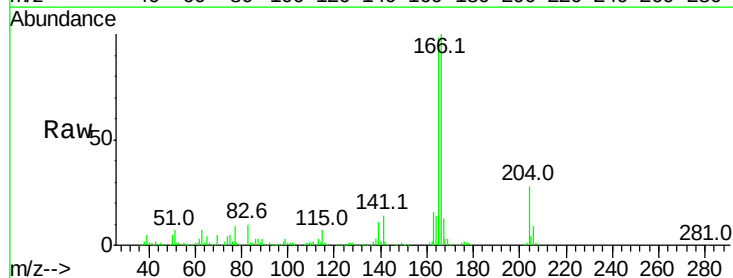
Tgt Ion:166 Resp: 871531

Ion Ratio Lower Upper

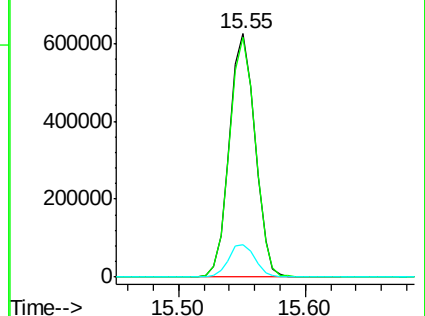
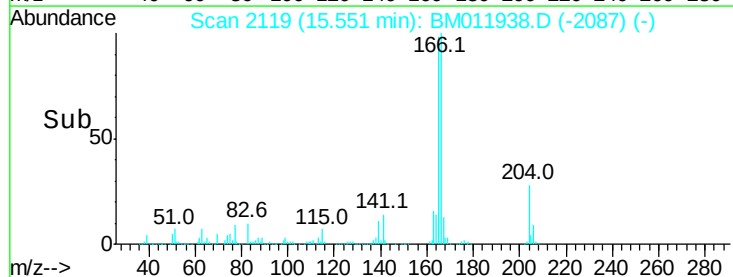
166 100

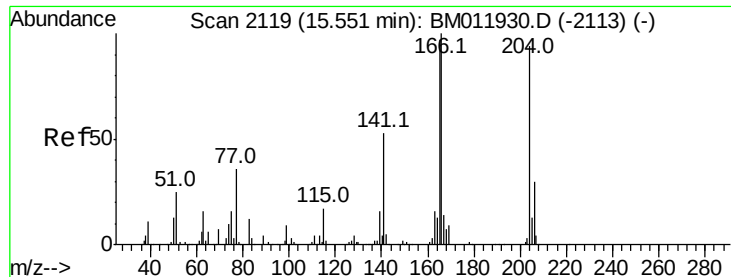
165 98.4 77.9 116.9

167 13.4 10.6 16.0



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

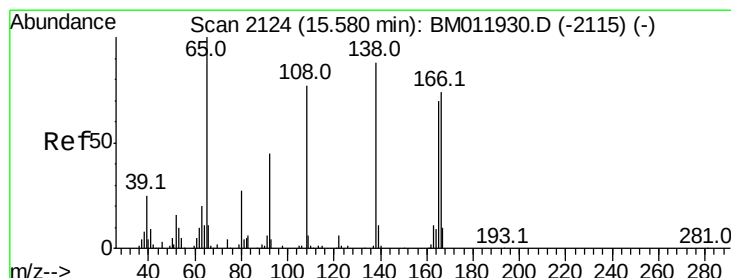
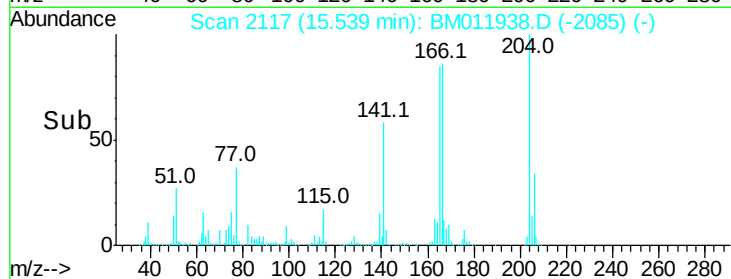
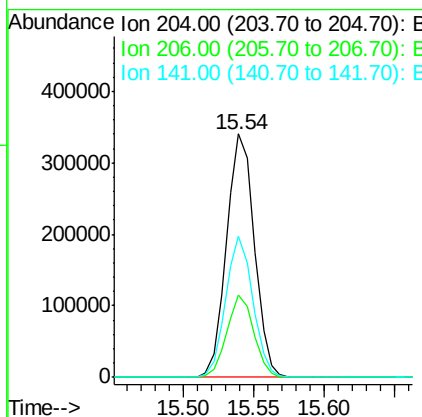
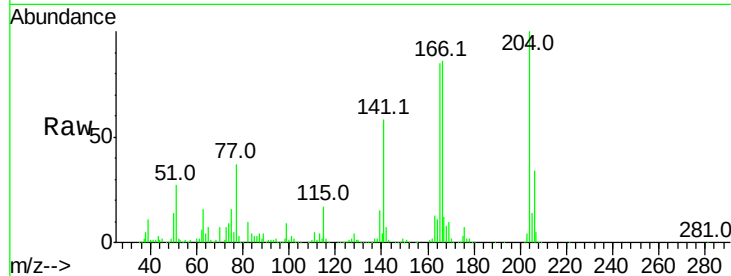




#59  
4-Chlorophenyl-phenylether  
Concen: 20.072 ng/ul  
RT: 15.54 min Scan# 2117  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

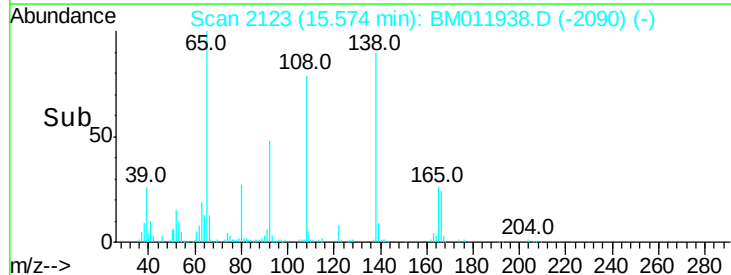
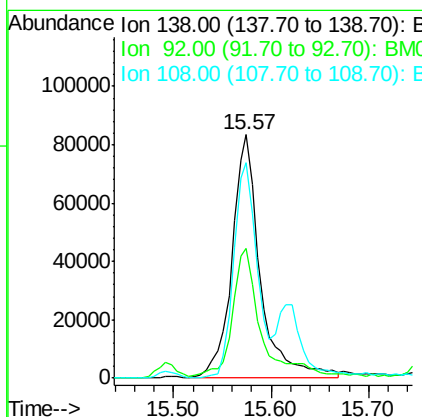
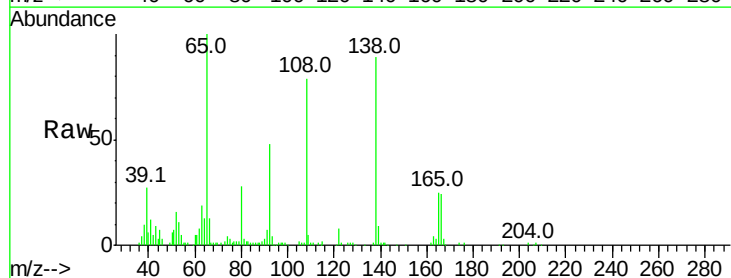
Instrument :  
BNA\_M  
ClientSampleId :

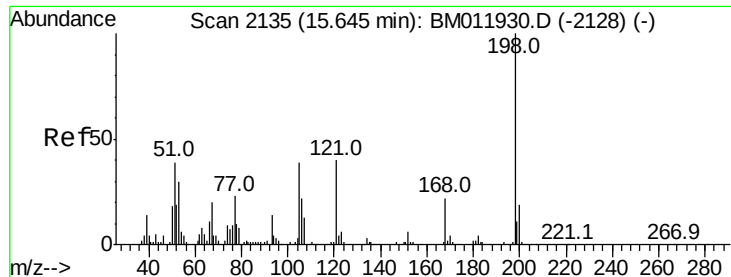
Tot Ion:204 Resp: 467095  
Ion Ratio Lower Upper  
204 100  
206 33.9 24.8 37.2  
141 58.0 44.3 66.5



#60  
4-Nitroaniline  
Concen: 18.636 ng/ul  
RT: 15.57 min Scan# 2123  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Tgt Ion:138 Resp: 168434  
Ion Ratio Lower Upper  
138 100  
92 53.3 40.0 60.0  
108 88.3 80.0 120.0

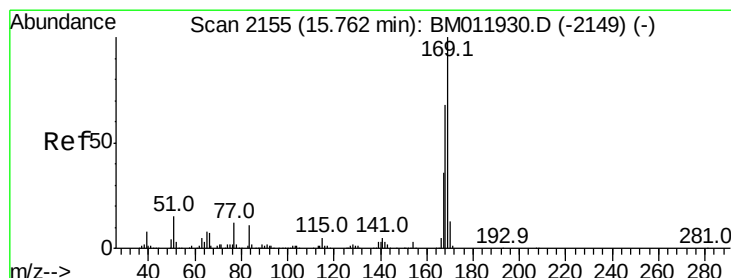
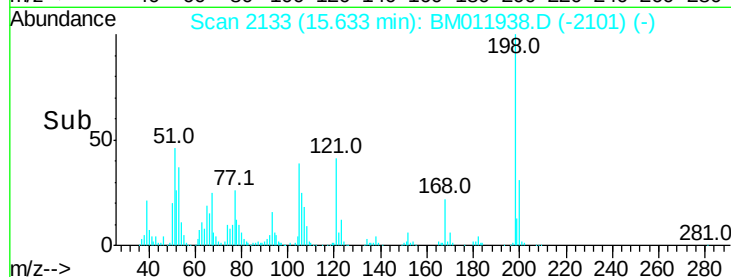
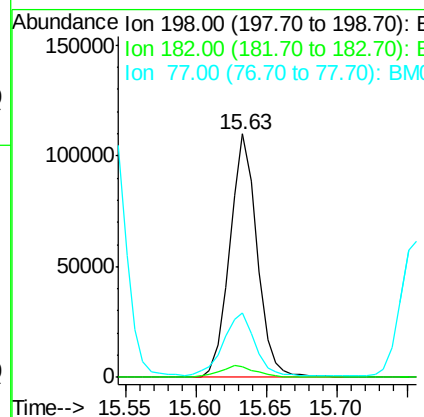
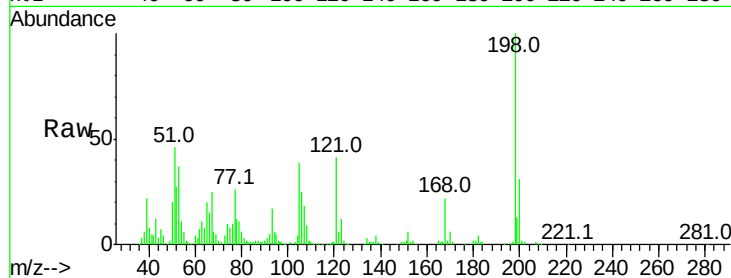




#63  
 4,6-Dinitro-2-methylphenol  
 Concen: 18.402 ng/ul  
 RT: 15.63 min Scan# 2133  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

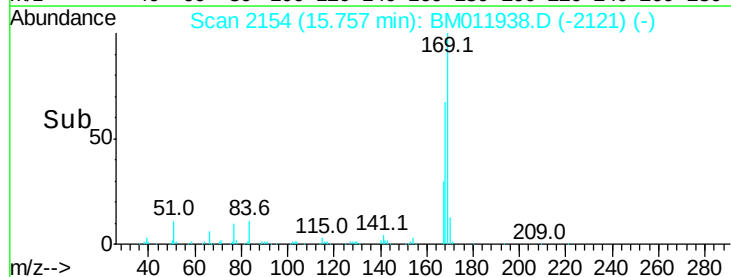
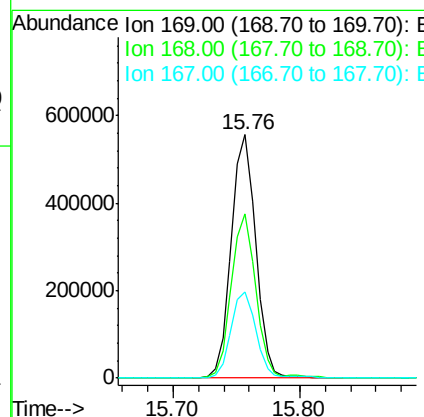
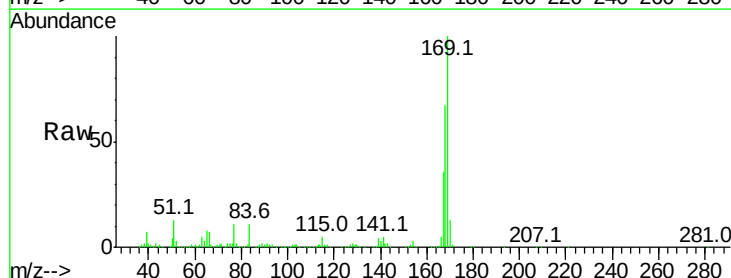
Instrument :  
 BNA\_M  
 ClientSampled :

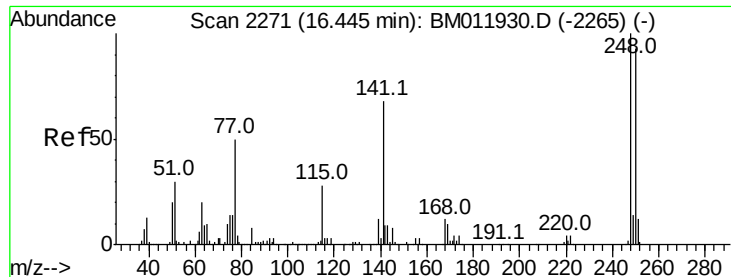
Tot Ion:198 Resp: 147673  
 Ion Ratio Lower Upper  
 198 100  
 182 4.4 3.8 5.6  
 77 26.3 25.2 37.8



#64  
 N-Nitrosodiphenylamine  
 Concen: 22.128 ng/ul  
 RT: 15.76 min Scan# 2154  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

Tgt Ion:169 Resp: 746173  
 Ion Ratio Lower Upper  
 169 100  
 168 67.3 54.0 81.0  
 167 35.5 29.1 43.7

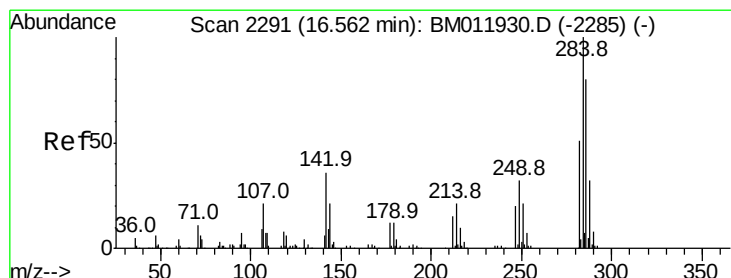
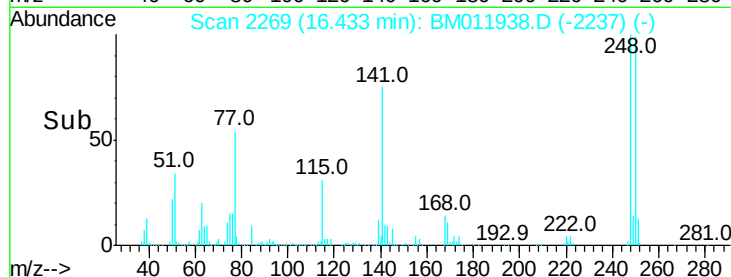
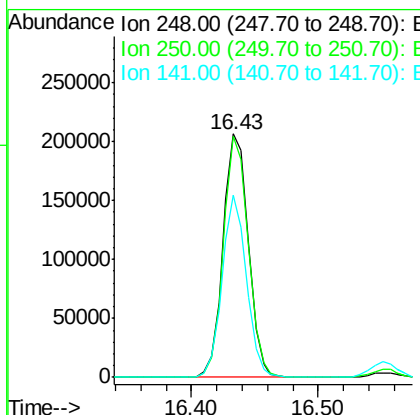
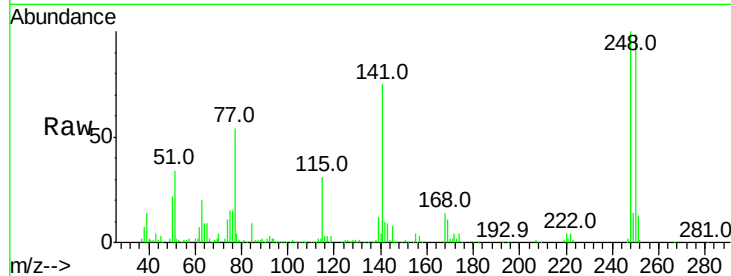




#65  
 4-Bromophenyl-phenylether  
 Concen: 21.823 ng/ul  
 RT: 16.43 min Scan# 2269  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

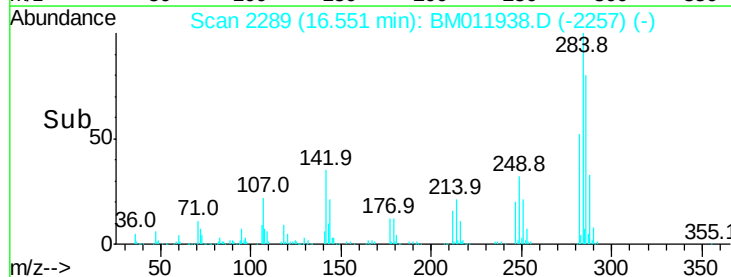
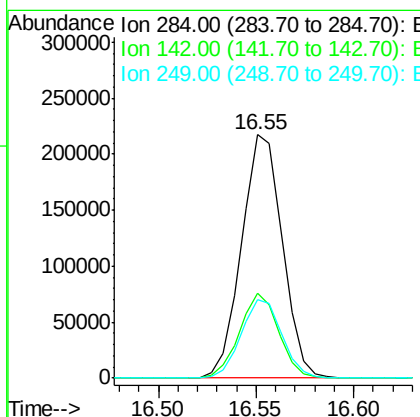
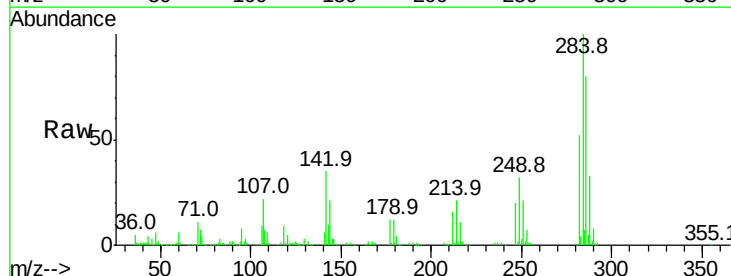
Instrument :  
 BNA\_M  
 ClientSampled :

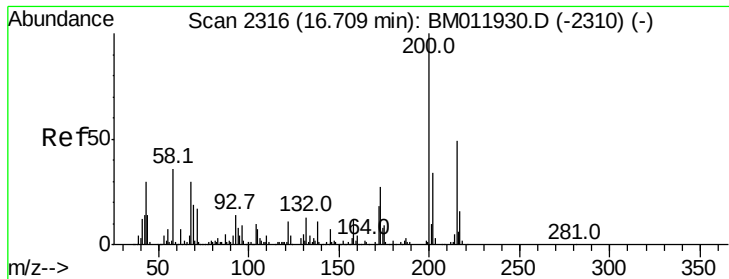
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 99.0  | 80.5  | 120.7 |
| 141     | 74.9  | 53.6  | 80.4  |



#66  
 Hexachlorobenzene  
 Concen: 21.552 ng/ul  
 RT: 16.55 min Scan# 2289  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 34.6  | 21.2  | 31.8# |
| 249     | 32.4  | 24.5  | 36.7  |

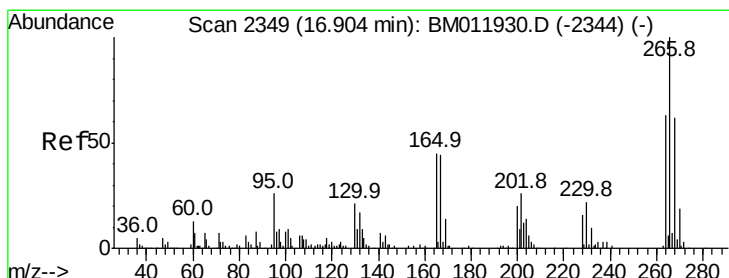
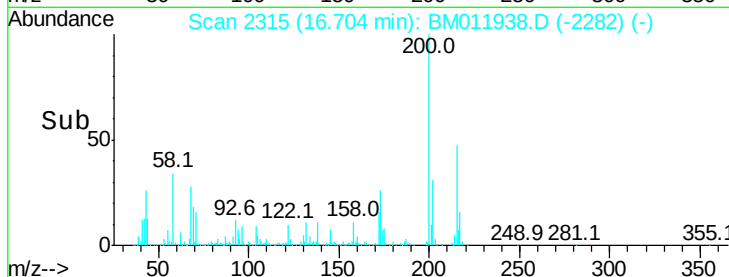
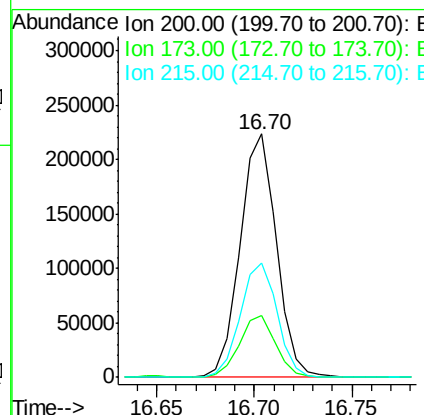
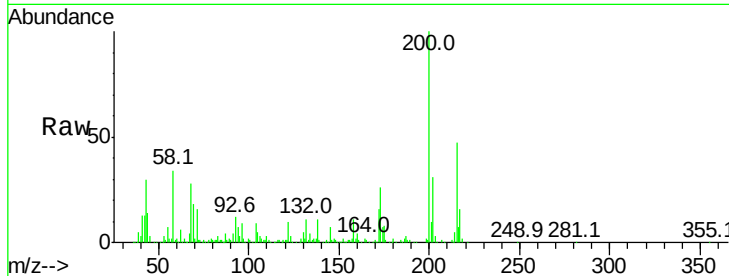




#67  
 Atrazine  
 Concen: 21.589 ng/ul  
 RT: 16.70 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

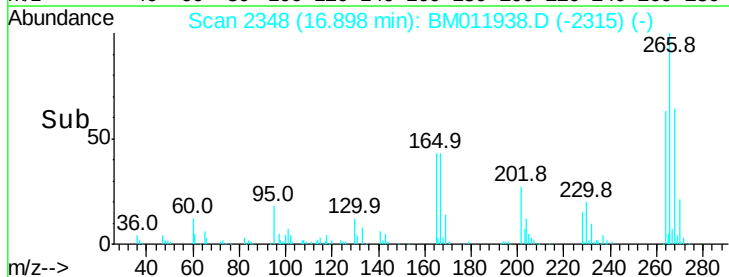
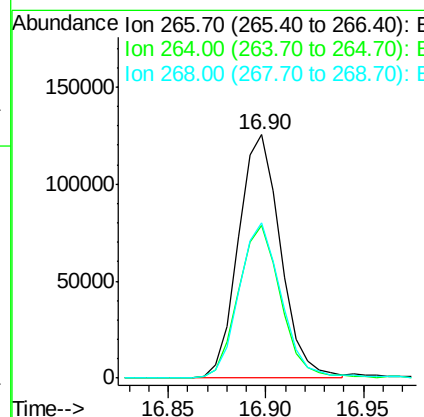
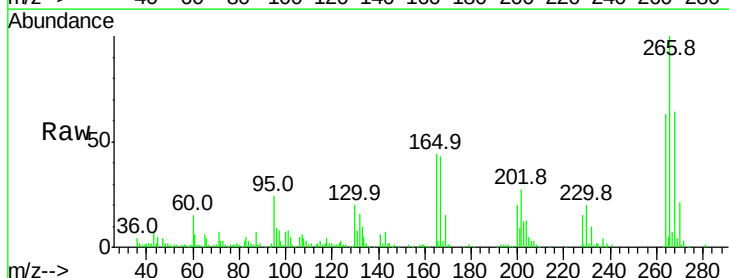
Instrument :  
 BNA\_M  
 ClientSampled :

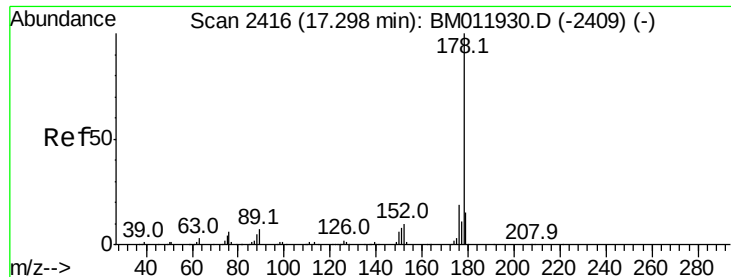
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 200     | 100   |       |       |
| 173     | 25.6  | 18.2  | 27.2  |
| 215     | 47.2  | 35.0  | 52.4  |



#68  
 Pentachlorophenol  
 Concen: 20.467 ng/ul  
 RT: 16.90 min Scan# 2348  
 Delta R.T. -0.01 min  
 Lab File: BM011938.D  
 Acq: 06 Oct 2017 13:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 62.9  | 49.3  | 73.9  |
| 268     | 64.0  | 52.6  | 78.8  |





#69

Phenanthrene

Concen: 20.760 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

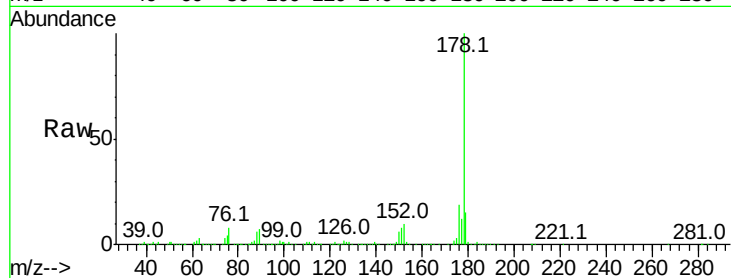
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 1332993

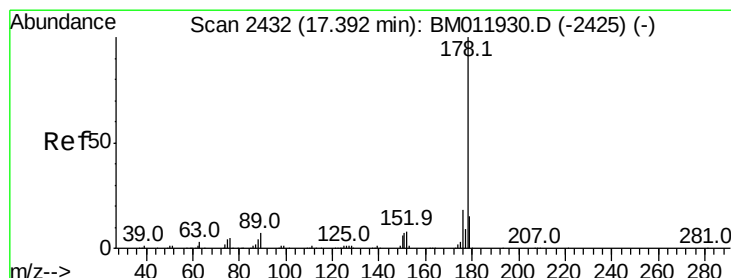
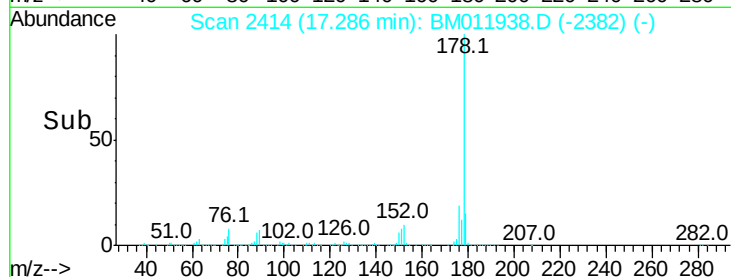
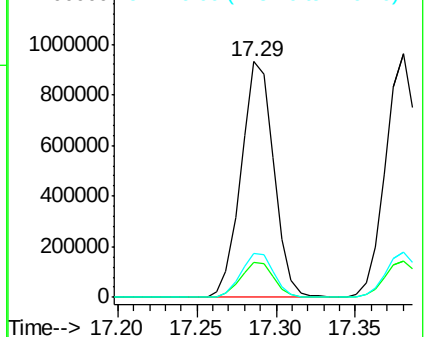
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.0  | 12.6  | 19.0  |
| 176 | 18.5  | 14.9  | 22.3  |



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: 21.163 ng/ul

RT: 17.38 min Scan# 2430

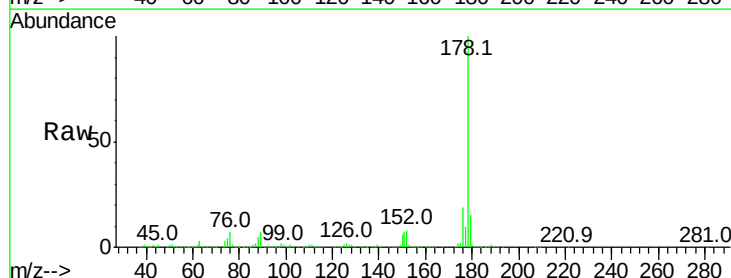
Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:178 Resp: 1382622

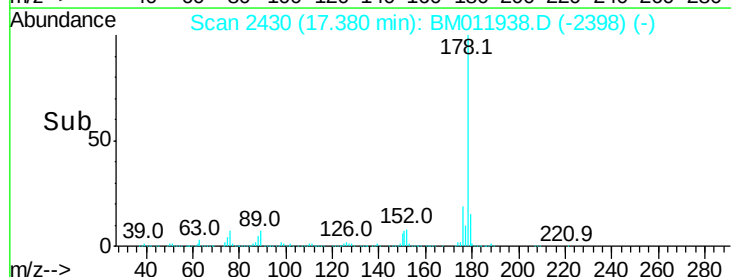
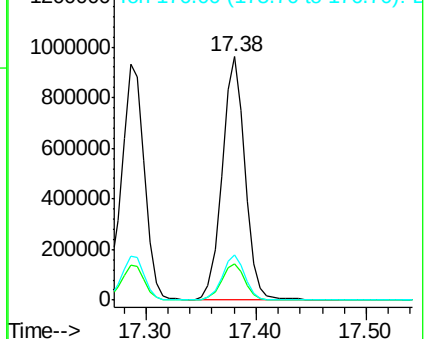
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 11.7  | 17.5  |
| 176 | 18.8  | 14.6  | 21.8  |

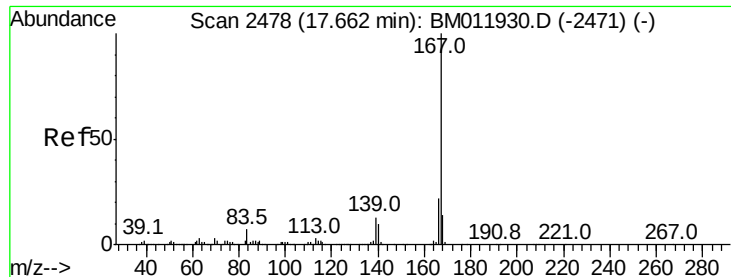


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.129 ng/ul

RT: 17.65 min Scan# 2476

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

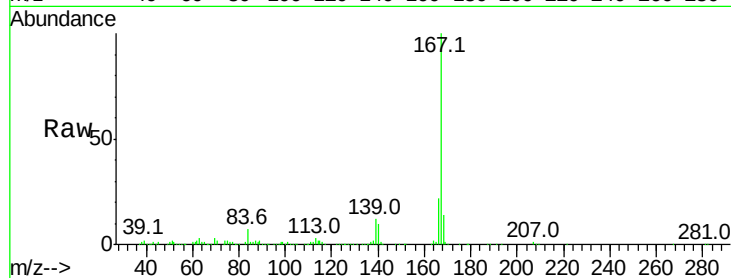
Instrument :

BNA\_M

ClientSampled :

Tot Ion:167 Resp: 1139140

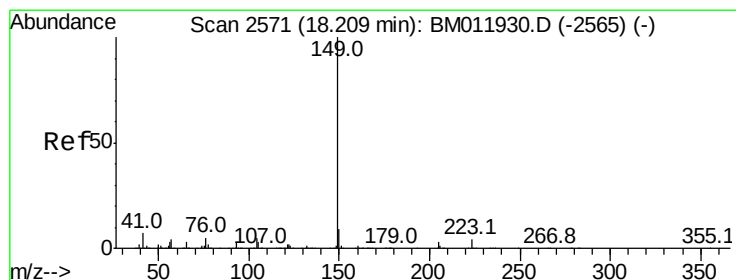
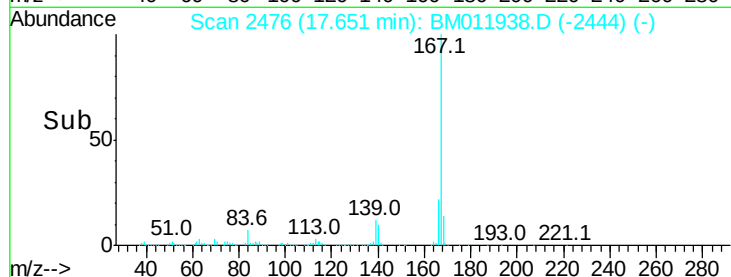
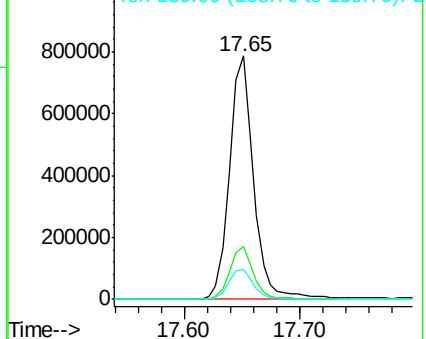
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.9  | 17.1  | 25.7  |
| 139 | 12.2  | 10.0  | 15.0  |



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: 26.463 ng/ul

RT: 18.20 min Scan# 2569

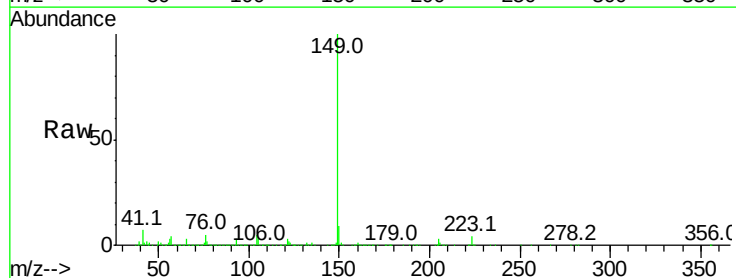
Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:149 Resp: 1794494

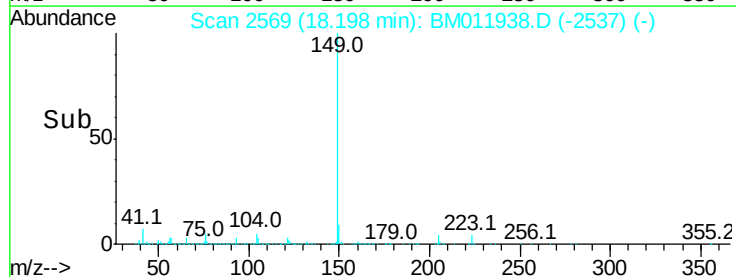
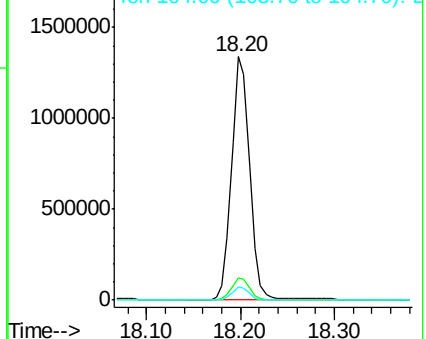
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.9   | 7.1   | 10.7  |
| 104 | 5.4   | 5.6   | 8.4#  |

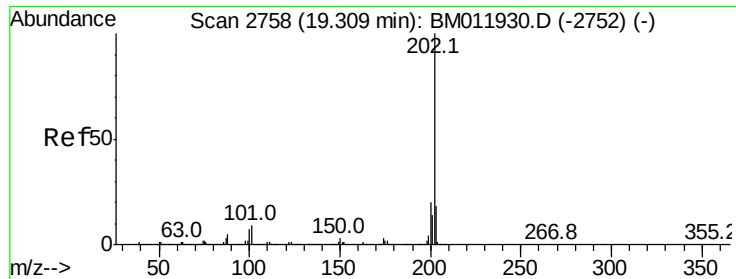


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 20.167 ng/ul

RT: 19.30 min Scan# 2756

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

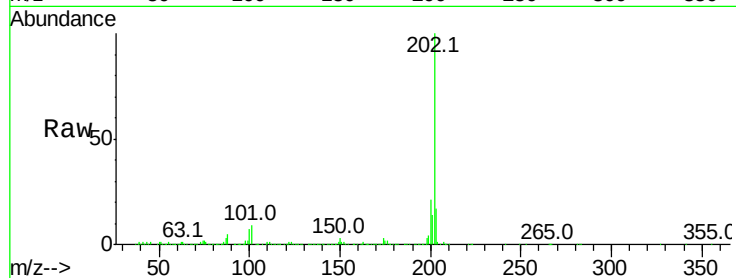
Tot Ion:202 Resp: 1579900

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

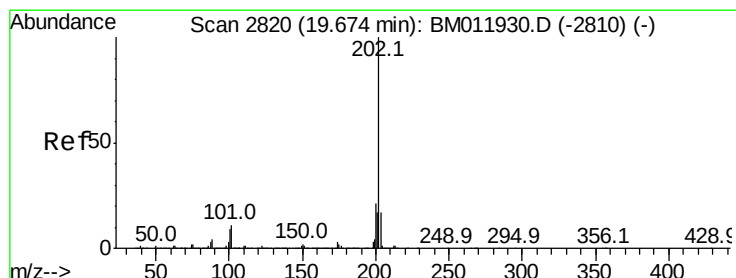
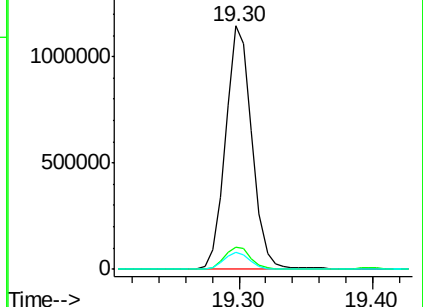
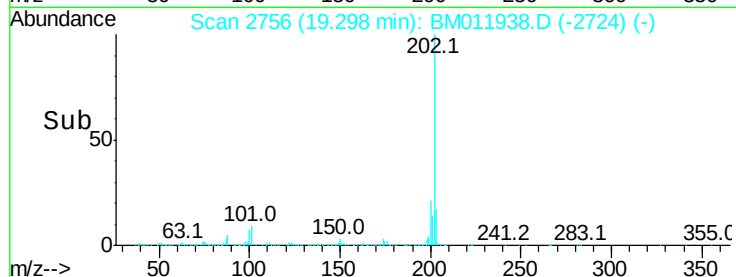
100 7.1 3.4 5.2#



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: 23.490 ng/ul

RT: 19.66 min Scan# 2818

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

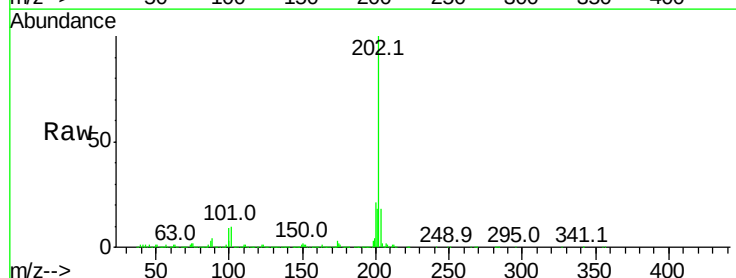
Tgt Ion:202 Resp: 1638044

Ion Ratio Lower Upper

202 100

101 10.2 5.1 7.7#

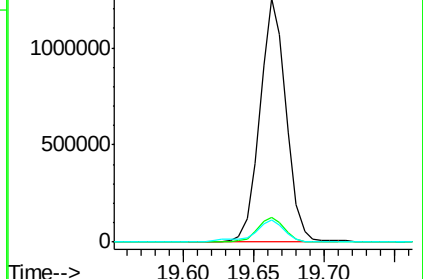
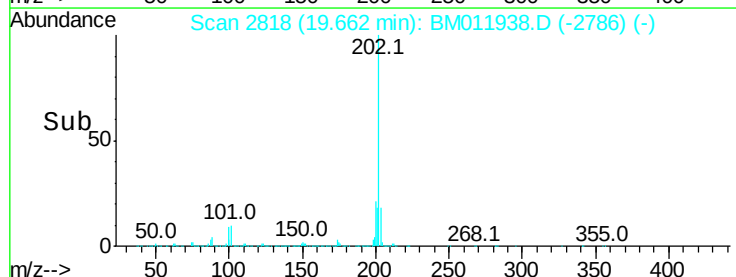
100 8.9 4.9 7.3#



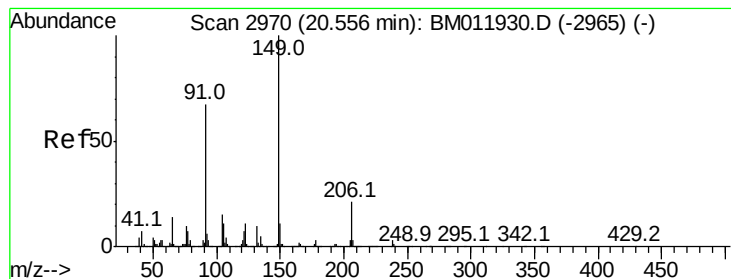
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B







#78

Butylbenzylphthalate

Concen: 26.335 ng/ul

RT: 20.54 min Scan# 2968

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

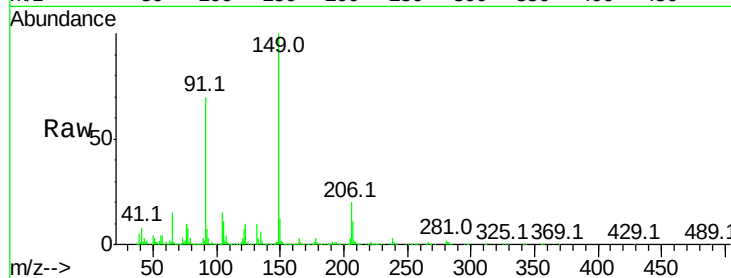
Tot Ion:149 Resp: 719356

Ion Ratio Lower Upper

149 100

91 69.7 62.7 94.1

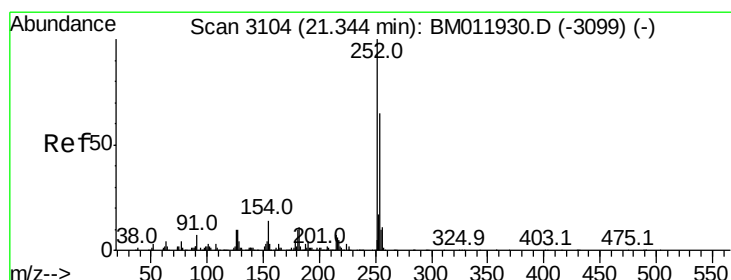
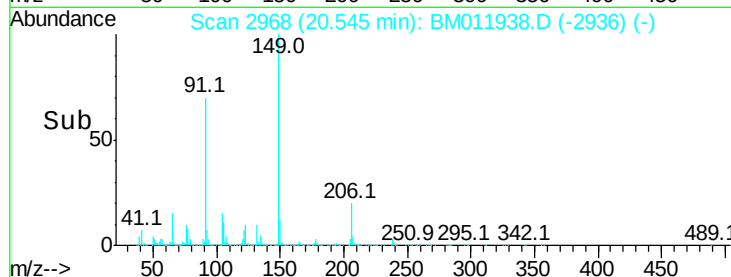
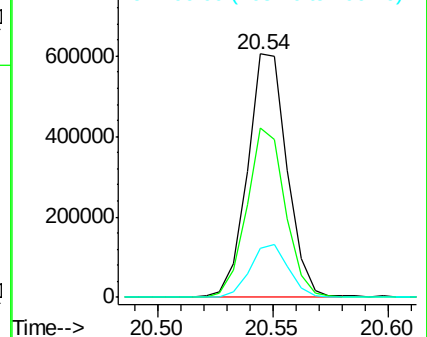
206 20.4 20.8 31.2#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#79

3,3'-Dichlorobenzidine

Concen: 21.311 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

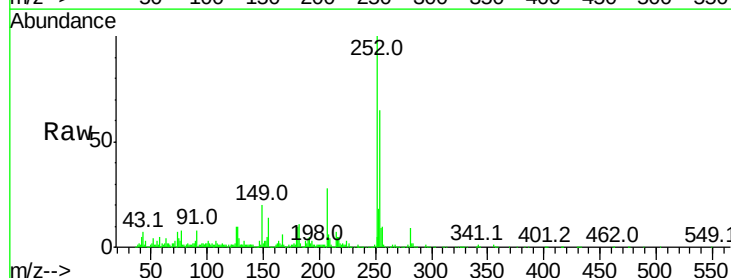
Tgt Ion:252 Resp: 498955

Ion Ratio Lower Upper

252 100

254 64.5 54.5 81.7

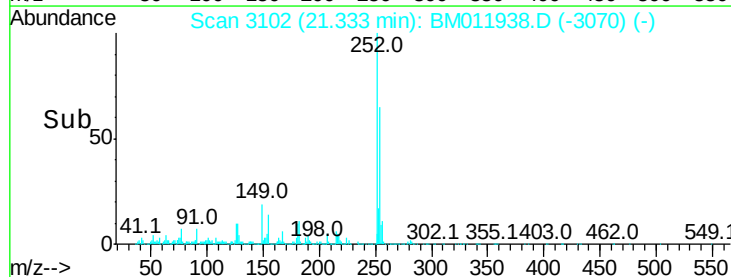
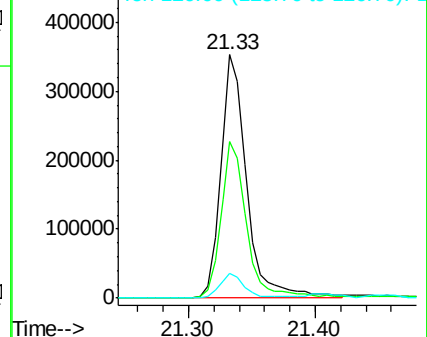
126 10.4 5.8 8.8#

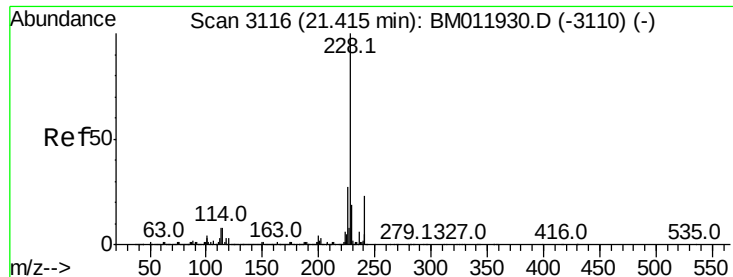


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

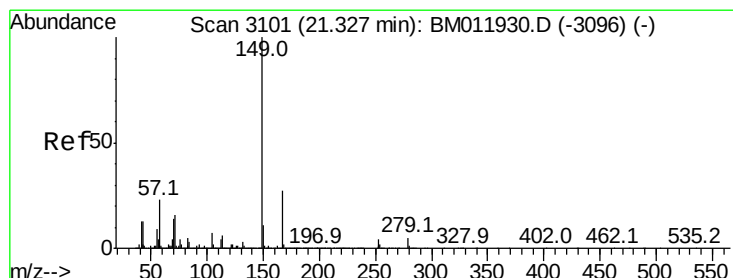
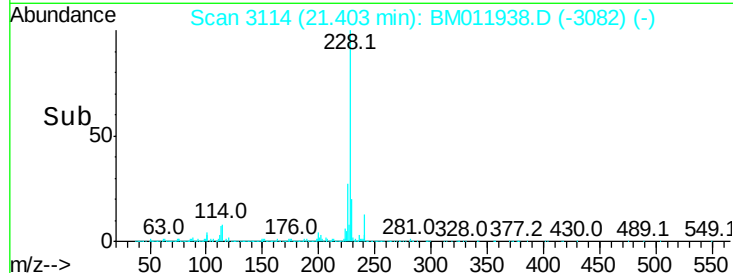
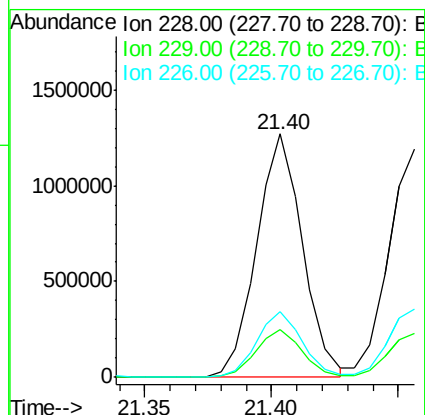
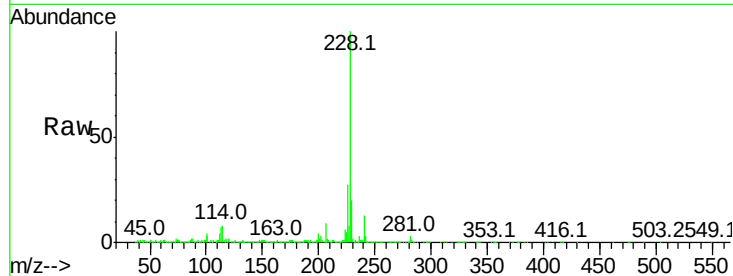




#80  
Benzo(a)anthracene  
Concen: 22.190 ng/ul  
RT: 21.40 min Scan# 3114  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

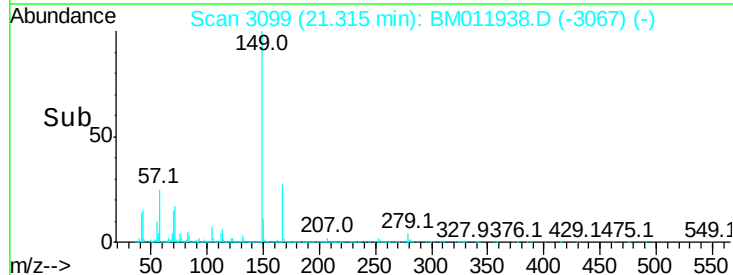
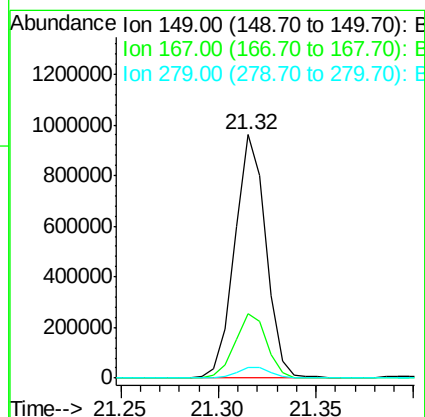
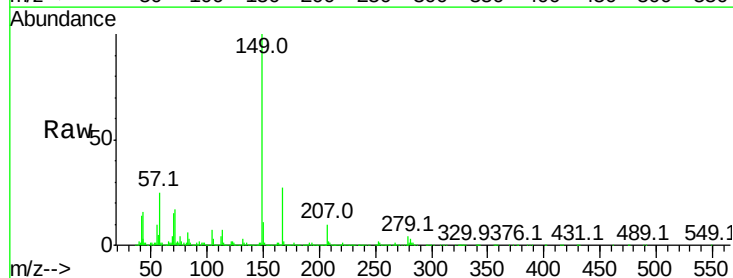
Instrument :  
BNA\_M  
ClientSampleId :

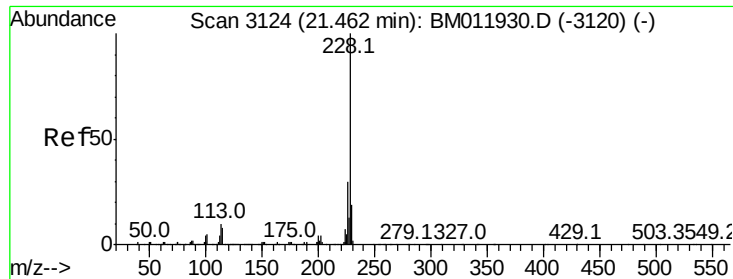
Tot Ion:228 Resp: 1598699  
Ion Ratio Lower Upper  
228 100  
229 19.5 15.4 23.0  
226 27.2 21.4 32.0



#81  
Bis(2-ethylhexyl)phthalate  
Concen: 25.923 ng/ul  
RT: 21.32 min Scan# 3099  
Delta R.T. -0.01 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Tgt Ion:149 Resp: 1053443  
Ion Ratio Lower Upper  
149 100  
167 26.6 22.8 34.2  
279 4.4 4.9 7.3#





#82

Chrysene

Concen: 21.738 ng/ul

RT: 21.46 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

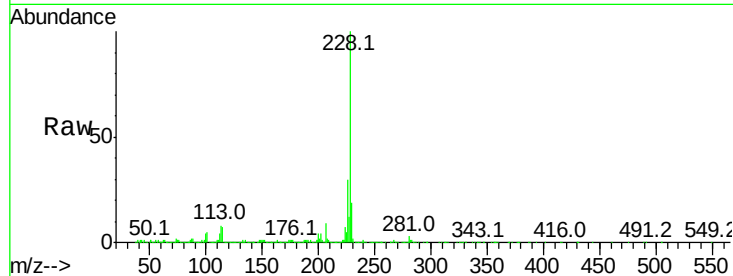
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1488058

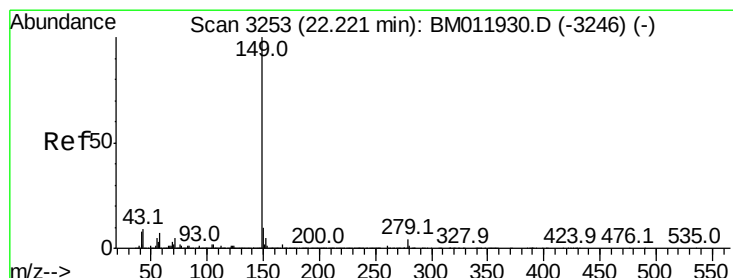
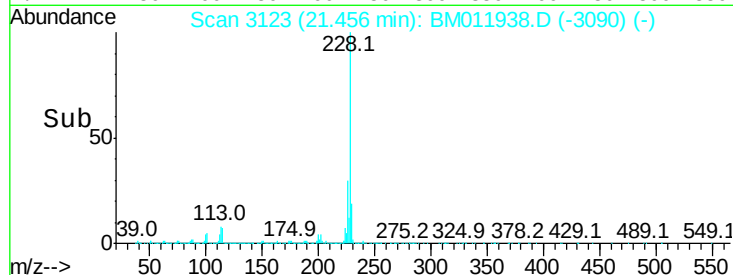
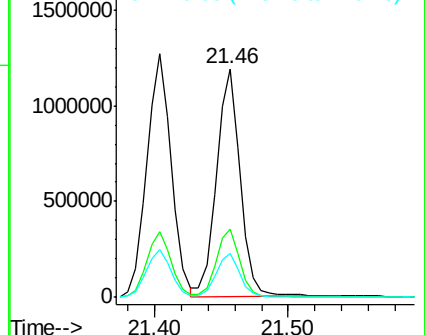
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.8  | 23.4  | 35.2  |
| 229 | 19.1  | 15.5  | 23.3  |



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: 24.011 ng/ul

RT: 22.22 min Scan# 3252

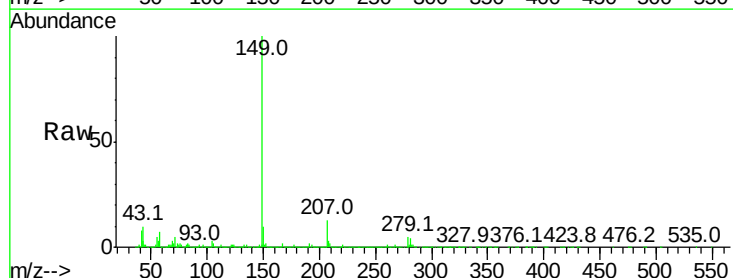
Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Tgt Ion:149 Resp: 1779873

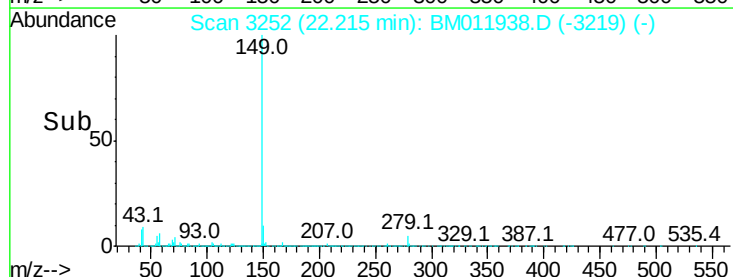
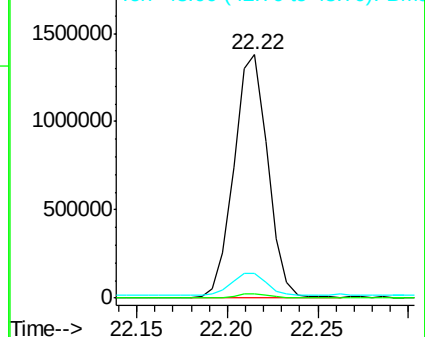
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.3   | 1.9   |
| 43  | 9.9   | 7.3   | 10.9  |

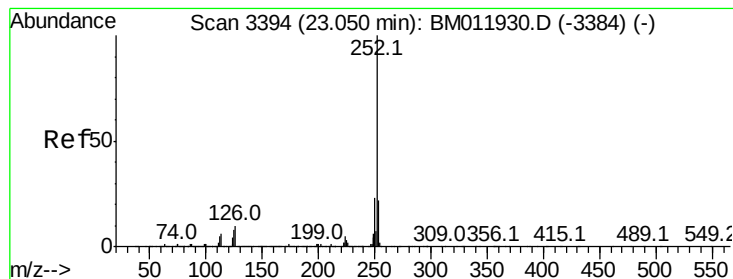


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#85

Benzo(b)fluoranthene

Concen: 20.334 ng/ul

RT: 23.04 min Scan# 3392

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

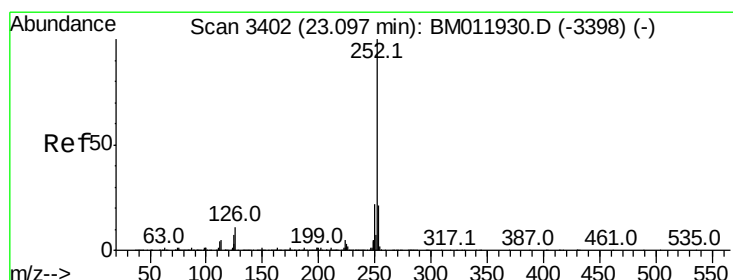
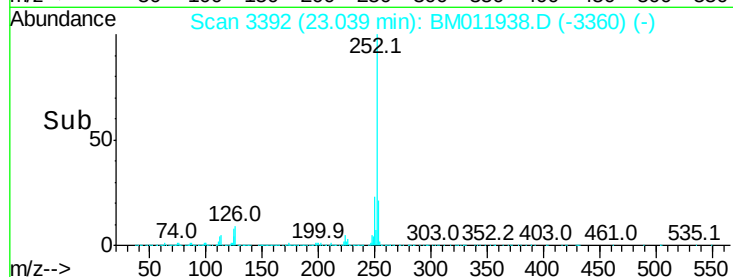
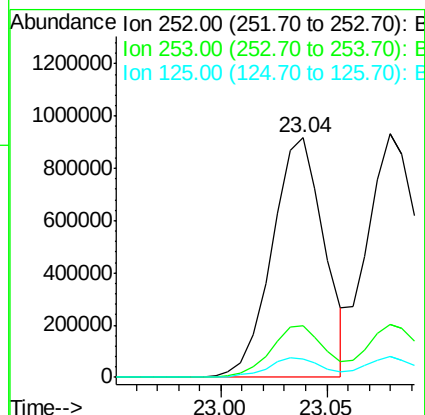
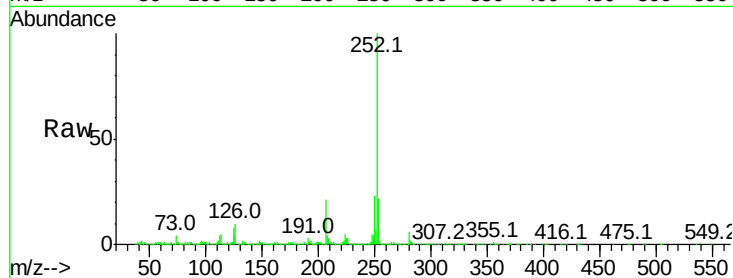
Tot Ion:252 Resp: 1568206

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

125 7.7 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 21.311 ng/ul

RT: 23.08 min Scan# 3399

Delta R.T. -0.02 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

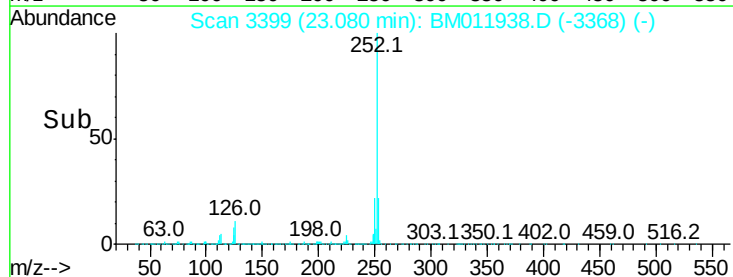
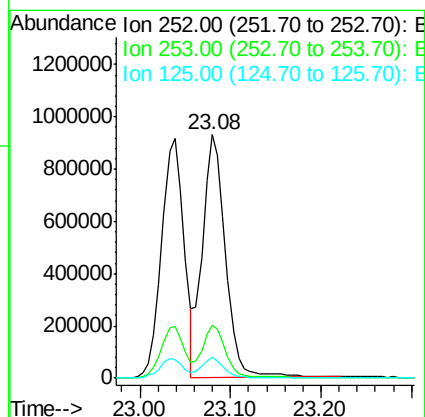
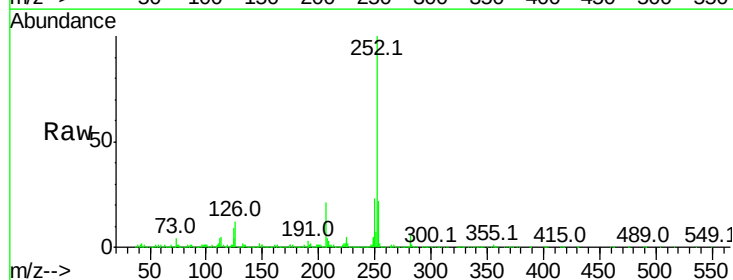
Tgt Ion:252 Resp: 1640861

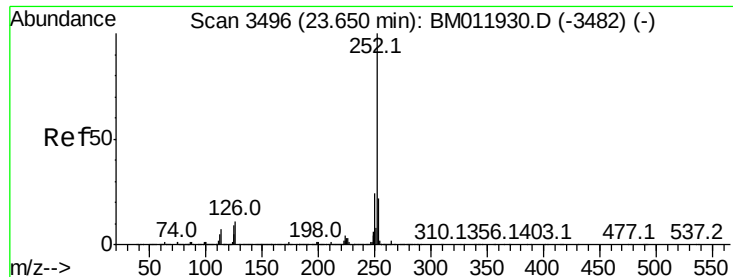
Ion Ratio Lower Upper

252 100

253 21.8 17.1 25.7

125 8.6 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 20.812 ng/ul

RT: 23.64 min Scan# 3494

Delta R.T. -0.01 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

Instrument :

BNA\_M

ClientSampleId :

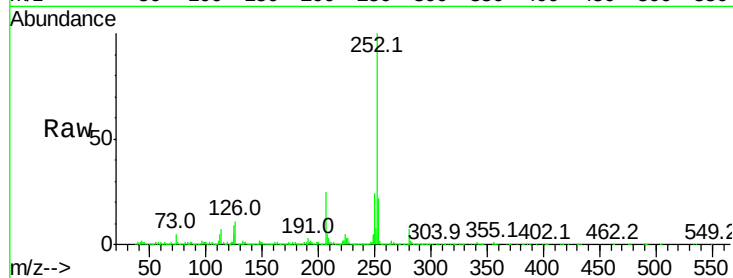
Tot Ion:252 Resp: 1542299

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 22.5  | 18.2  | 27.2  |
| 125 | 9.4   | 4.0   | 6.0   |

252 100

253 22.5 18.2 27.2

125 9.4 4.0 6.0

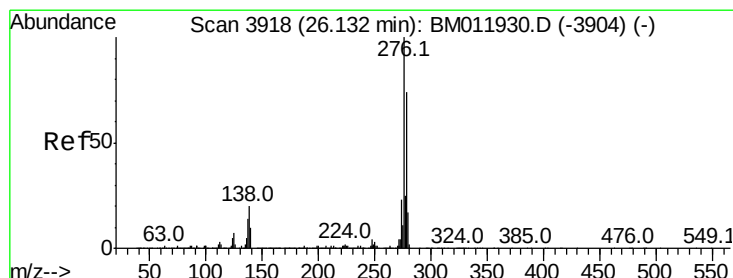
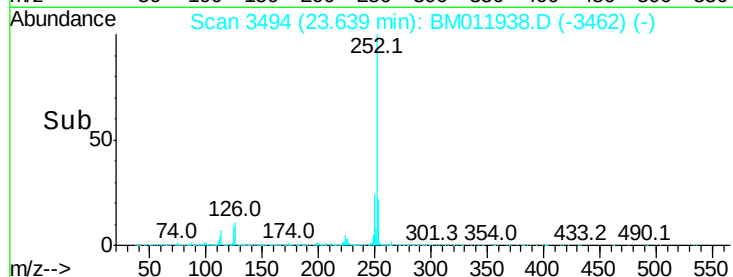
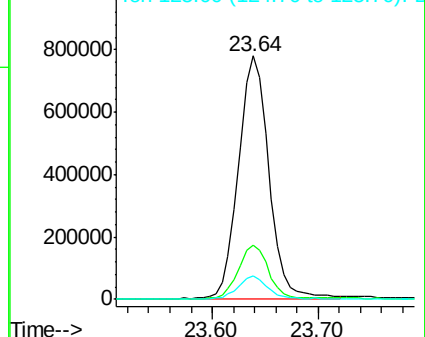


Abundance

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: 23.174 ng/ul

RT: 26.11 min Scan# 3914

Delta R.T. -0.02 min

Lab File: BM011938.D

Acq: 06 Oct 2017 13:16

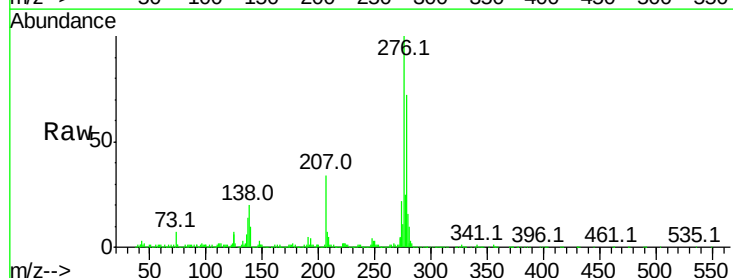
Tgt Ion:276 Resp: 1837774

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 19.9  | 9.3   | 13.9  |
| 277 | 24.7  | 19.9  | 29.9  |

276 100

138 19.9 9.3 13.9

277 24.7 19.9 29.9

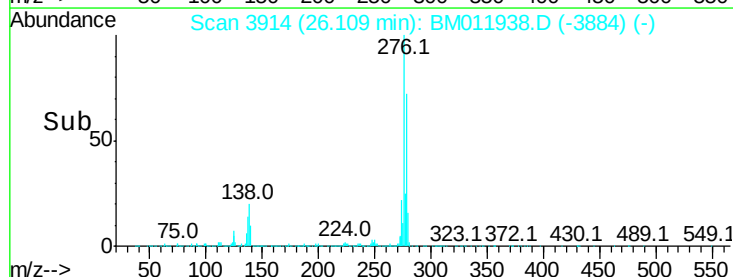
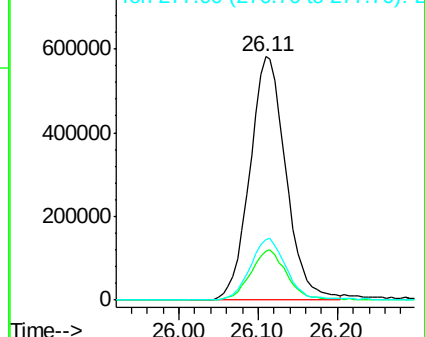


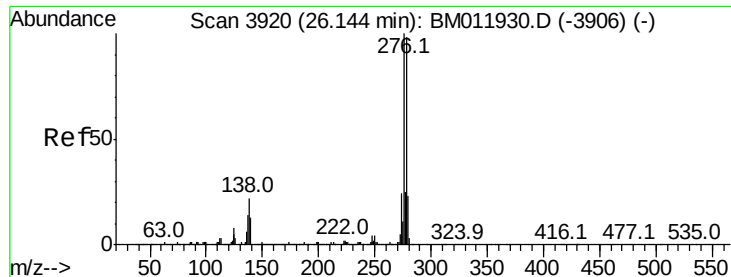
Abundance

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



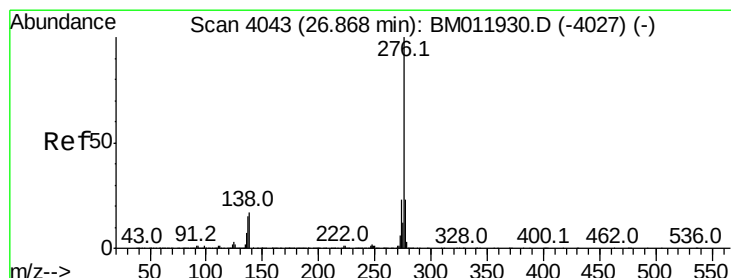
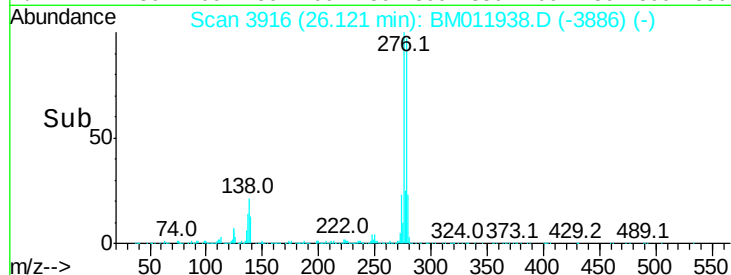
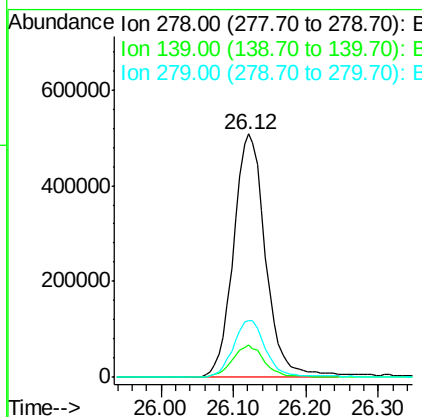
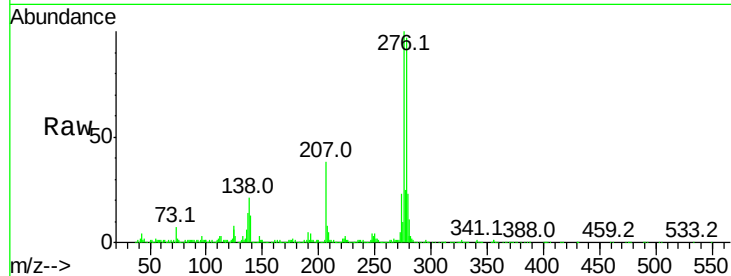


#90

Dibenzo(a,h)anthracene  
Concen: 23.845 ng/ul  
RT: 26.12 min Scan# 3916  
Delta R.T. -0.02 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:278 Resp: 1553791  
Ion Ratio Lower Upper  
278 100  
139 13.4 5.8 8.8#  
279 23.4 18.6 27.8



#91

Benzo(g,h,i)perylene  
Concen: 23.853 ng/ul  
RT: 26.84 min Scan# 4039  
Delta R.T. -0.02 min  
Lab File: BM011938.D  
Acq: 06 Oct 2017 13:16

Tgt Ion:276 Resp: 1564748  
Ion Ratio Lower Upper  
276 100  
138 17.8 8.5 12.7#  
277 23.8 18.6 28.0

