

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\  
 Data File : BM014106.D  
 Acq On : 02 Feb 2018 10:46  
 Operator : SJ/JU  
 Sample : SSTDC00020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 02 17:36:04 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.55  | 152  | 73585    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.33 | 136  | 316442   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.21 | 164  | 218802   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 16.97 | 188  | 564223   | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.17 | 240  | 667833   | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.36 | 264  | 630331   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |       |
|--------------------------------|-------|-----|--------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.12  | 96  | 11743  | 7.32  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 6.74  | 99  | 101333 | 18.32 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.90  | 67  | 64252  | 19.26 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.09  | 132 | 86221  | 19.69 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.27  | 113 | 87652  | 18.93 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 8.71  | 128 | 44498  | 19.48 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.43  | 143 | 50116  | 19.83 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 9.96  | 165 | 102441 | 19.27 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.49 | 131 | 88978  | 19.30 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.63 | 166 | 346699 | 19.09 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 13.90 | 160 | 442455 | 20.08 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.45 | 143 | 37644  | 15.04 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.21 | 176 | 320996 | 19.75 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.36 | 200 | 53602  | 15.47 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 16.97 | 188 | 564223 | 20.60 | ng/ul | -0.10 |
| 76) Pyrene-d10                 | 19.37 | 212 | 623367 | 19.38 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.22 | 264 | 608589 | 19.67 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |        | Ovalue    |
|--------------------------------|-------|-----|--------|--------|-----------|
| 2) 1,4-Dioxane                 | 3.15  | 88  | 12753  | 7.242  | ng/uL# 68 |
| 4) Benzaldehyde                | 6.72  | 77  | 44549  | 16.793 | ng/ul 95  |
| 6) Phenol                      | 6.77  | 94  | 104570 | 18.899 | ng/ul 94  |
| 8) Bis(2-Chloroethyl)ether     | 6.99  | 93  | 81744  | 19.003 | ng/ul 97  |
| 10) 2-Chlorophenol             | 7.12  | 128 | 83969  | 19.001 | ng/ul 95  |
| 11) 2-Methylphenol             | 8.00  | 108 | 81043  | 19.020 | ng/ul 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.09  | 45  | 80240  | 18.571 | ng/ul# 71 |
| 14) Acetophenone               | 8.38  | 105 | 144394 | 18.470 | ng/ul# 93 |
| 15) N-Nitroso-di-n-propylamine | 8.36  | 70  | 77629  | 19.414 | ng/ul# 72 |
| 16) 4-Methylphenol             | 8.34  | 108 | 82310  | 18.078 | ng/ul 96  |
| 17) Hexachloroethane           | 8.61  | 117 | 47773  | 20.725 | ng/ul 83  |
| 20) Nitrobenzene               | 8.75  | 77  | 120768 | 18.813 | ng/ul 99  |
| 21) Isophorone                 | 9.28  | 82  | 205475 | 19.014 | ng/ul 97  |
| 23) 2-Nitrophenol              | 9.46  | 139 | 50095  | 19.274 | ng/ul 87  |
| 24) 2,4-Dimethylphenol         | 9.52  | 107 | 115077 | 19.634 | ng/ul 93  |
| 25) Bis(2-Chloroethoxy)methane | 9.76  | 93  | 115407 | 19.388 | ng/ul 91  |
| 27) 2,4-Dichlorophenol         | 9.99  | 162 | 97394  | 19.708 | ng/ul# 90 |
| 28) Naphthalene                | 10.37 | 128 | 310051 | 19.463 | ng/ul 98  |
| 30) 4-Chloroaniline            | 10.51 | 127 | 88840  | 19.231 | ng/ul 92  |
| 31) Hexachlorobutadiene        | 10.65 | 225 | 90946  | 20.412 | ng/ul 95  |
| 32) Caprolactam                | 11.29 | 113 | 9027   | 6.653  | ng/ul# 39 |
| 33) 4-Chloro-3-methylphenol    | 11.65 | 107 | 103467 | 19.987 | ng/ul 97  |
| 34) 2-Methylnaphthalene        | 12.00 | 142 | 238006 | 19.788 | ng/ul 92  |

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\  
 Data File : BM014106.D  
 Acq On : 02 Feb 2018 10:46  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Feb 02 17:36:04 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration

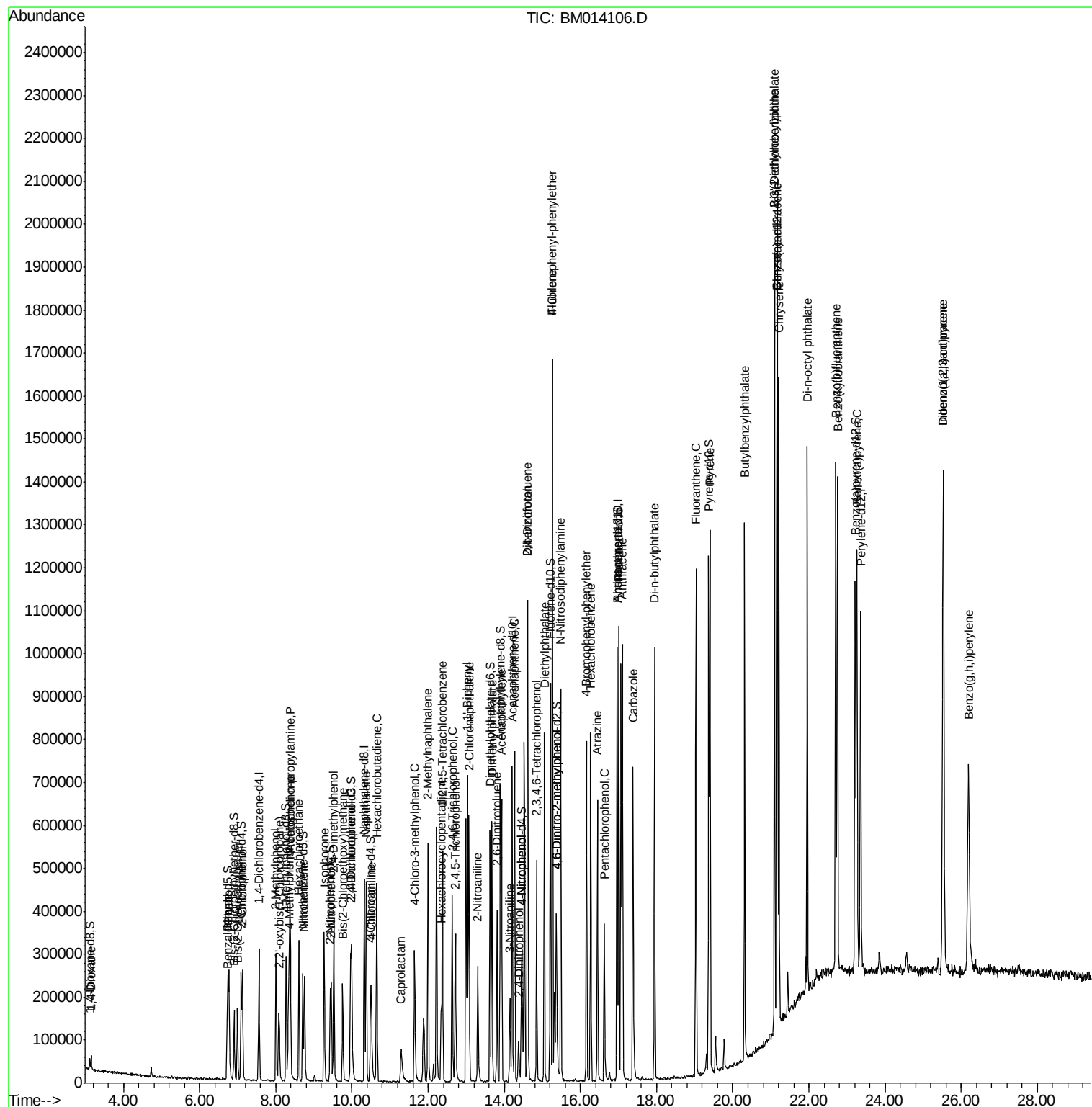
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| -----                          |       |      |          |        |        |          |
| 36) 1,2,4,5-Tetrachlorobenzene | 12.37 | 216  | 158118   | 19.792 | ng/ul# | 93       |
| 37) Hexachlorocyclopentadiene  | 12.35 | 237  | 64501    | 14.826 | ng/ul  | 92       |
| 38) 2,4,6-Trichlorophenol      | 12.63 | 196  | 93134    | 20.043 | ng/ul  | 93       |
| 39) 2,4,5-Trichlorophenol      | 12.72 | 196  | 97991    | 20.500 | ng/ul  | 96       |
| 40) 1,1'-Biphenyl              | 13.03 | 154  | 336391   | 19.792 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.07 | 162  | 268533   | 19.556 | ng/ul  | 98       |
| 42) 2-Nitroaniline             | 13.30 | 65   | 80381    | 20.607 | ng/ul  | 90       |
| 44) Dimethylphthalate          | 13.68 | 163  | 345015   | 19.709 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 13.80 | 165  | 69980    | 20.582 | ng/ul# | 85       |
| 47) Acenaphthylene             | 13.93 | 152  | 415206   | 20.300 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.15 | 138  | 47836    | 18.722 | ng/ul  | 99       |
| 49) Acenaphthene               | 14.27 | 153  | 284752   | 19.856 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.37 | 184  | 22431    | 12.298 | ng/ul  | 91       |
| 52) 4-Nitrophenol              | 14.47 | 109  | 54661    | 18.125 | ng/ul# | 78       |
| 53) Dibenzofuran               | 14.62 | 168  | 433829   | 19.866 | ng/ul  | 92       |
| 54) 2,4-Dinitrotoluene         | 14.61 | 165  | 107501   | 20.896 | ng/ul# | 65       |
| 55) 2,3,4,6-Tetrachlorophenol  | 14.85 | 232  | 96596    | 20.046 | ng/ul# | 90       |
| 56) Diethylphthalate           | 15.05 | 149  | 374743   | 20.408 | ng/ul  | 94       |
| 58) Fluorene                   | 15.27 | 166  | 364913   | 20.038 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.27 | 204  | 211971   | 20.328 | ng/ul  | 98       |
| 63) 4,6-Dinitro-2-methylphenol | 15.37 | 198  | 56877    | 16.200 | ng/ul  | 92       |
| 64) N-Nitrosodiphenylamine     | 15.49 | 169  | 310788   | 19.091 | ng/ul  | 98       |
| 65) 4-Bromophenyl-phenylether  | 16.16 | 248  | 132730   | 18.821 | ng/ul  | 97       |
| 66) Hexachlorobenzene          | 16.27 | 284  | 147223   | 19.620 | ng/ul# | 90       |
| 67) Atrazine                   | 16.45 | 200  | 127953   | 19.569 | ng/ul  | 92       |
| 68) Pentachlorophenol          | 16.63 | 266  | 65981    | 17.860 | ng/ul  | 96       |
| 69) Phenanthrene               | 17.01 | 178  | 606541   | 19.120 | ng/ul  | 98       |
| 71) Anthracene                 | 17.10 | 178  | 624508   | 19.430 | ng/ul  | 98       |
| 72) Carbazole                  | 17.38 | 167  | 498295   | 19.009 | ng/ul  | 97       |
| 73) Di-n-butylphthalate        | 17.95 | 149  | 643892   | 19.581 | ng/ul  | 99       |
| 74) Fluoranthene               | 19.04 | 202  | 756904   | 19.177 | ng/ul# | 97       |
| 77) Pyrene                     | 19.40 | 202  | 781993   | 19.623 | ng/ul  | 98       |
| 78) Butylbenzylphthalate       | 20.32 | 149  | 294965   | 18.776 | ng/ul  | 95       |
| 79) 3,3'-Dichlorobenzidine     | 21.10 | 252  | 198719   | 19.095 | ng/ul  | 91       |
| 80) Benzo(a)anthracene         | 21.16 | 228  | 802970   | 19.302 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.09 | 149  | 436096   | 19.040 | ng/ul# | 99       |
| 82) Chrysene                   | 21.21 | 228  | 753211   | 19.262 | ng/ul  | 98       |
| 84) Di-n-octyl phthalate       | 21.96 | 149  | 728491   | 18.156 | ng/ul  | 97       |
| 85) Benzo(b)fluoranthene       | 22.70 | 252  | 796478   | 20.024 | ng/ul# | 98       |
| 86) Benzo(k)fluoranthene       | 22.75 | 252  | 754455   | 19.294 | ng/ul# | 97       |
| 88) Benzo(a)pyrene             | 23.26 | 252  | 736866   | 19.658 | ng/ul# | 98       |
| 89) Indeno(1,2,3-cd)pyrene     | 25.53 | 276  | 833725   | 20.297 | ng/ul# | 96       |
| 90) Dibenzo(a,h)anthracene     | 25.53 | 278  | 694482   | 19.938 | ng/ul  | 98       |
| 91) Benzo(g,h,i)perylene       | 26.20 | 276  | 673033   | 19.818 | ng/ul  | 99       |
| -----                          |       |      |          |        |        |          |

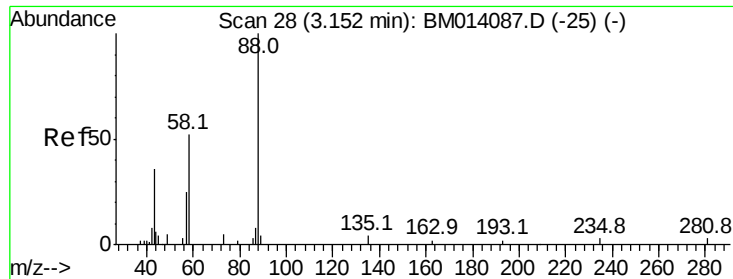
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Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\  
 Data File : BM014106.D  
 Acq On : 02 Feb 2018 10:46  
 Operator : SJ/JU  
 Sample : SSTDCCC020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampled :

Quant Time: Feb 02 17:36:04 2018  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Fri Feb 02 03:15:28 2018  
 Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 7.242 ng/uL

RT: 3.15 min Scan# 28

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampled :

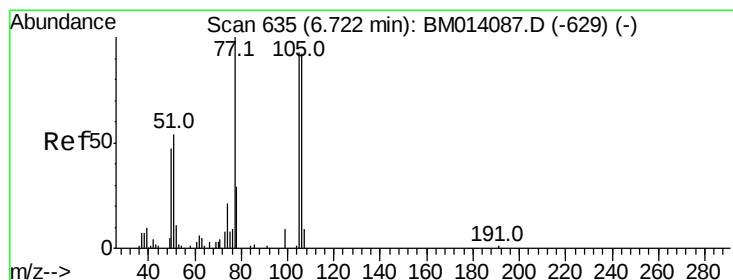
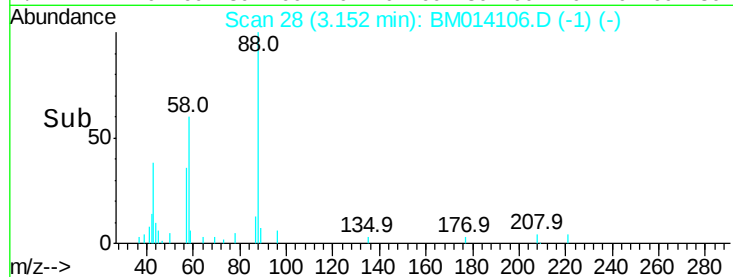
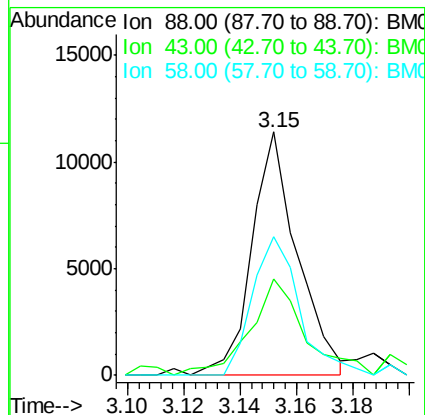
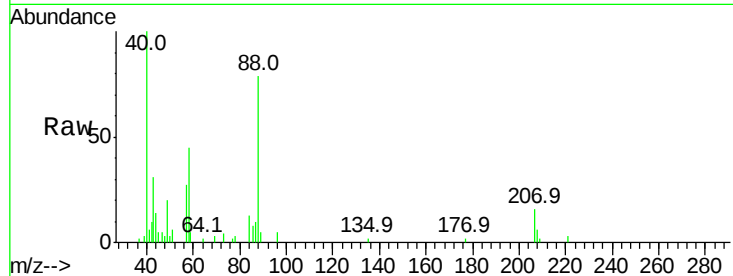
Tot Ion: 88 Resp: 12753

Ion Ratio Lower Upper

88 100

43 47.9 48.0 72.0#

58 59.0 80.0 120.0#



#4

Benzaldehyde

Concen: 16.793 ng/uL

RT: 6.72 min Scan# 635

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

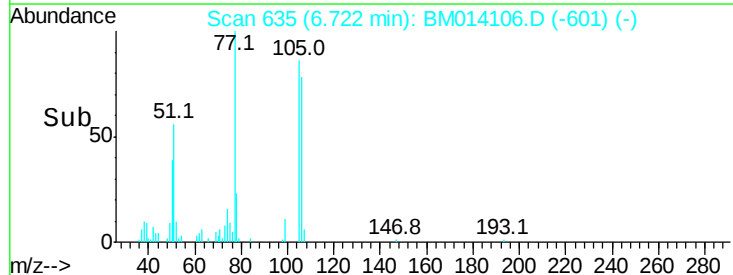
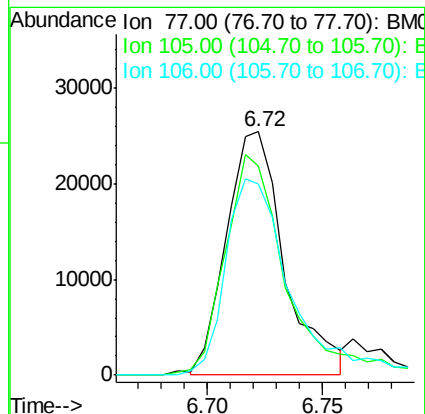
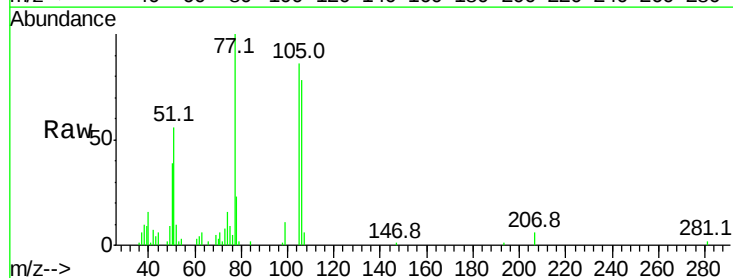
Tgt Ion: 77 Resp: 44549

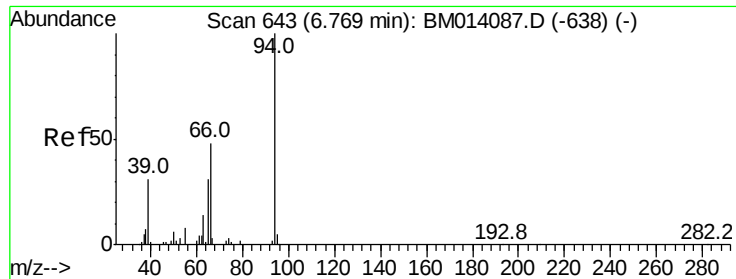
Ion Ratio Lower Upper

77 100

105 86.0 66.1 99.1

106 78.4 67.8 101.6





#6

Phenol

Concen: 18.899 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

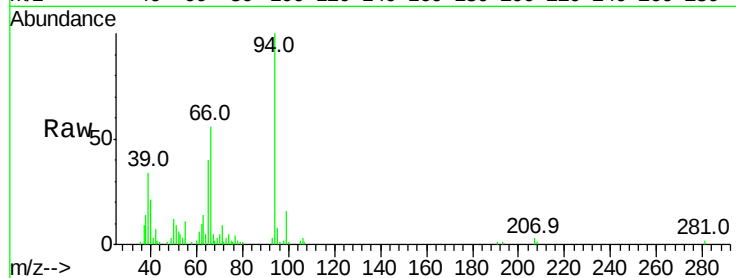
Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 94 Resp: 104570

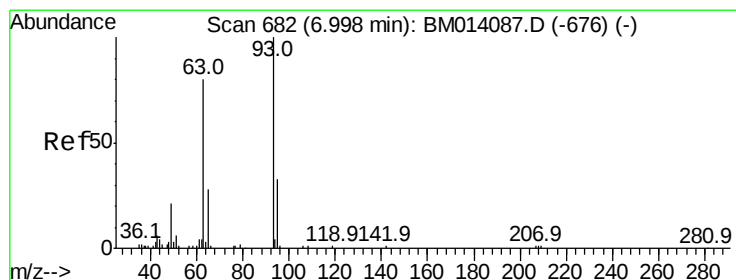
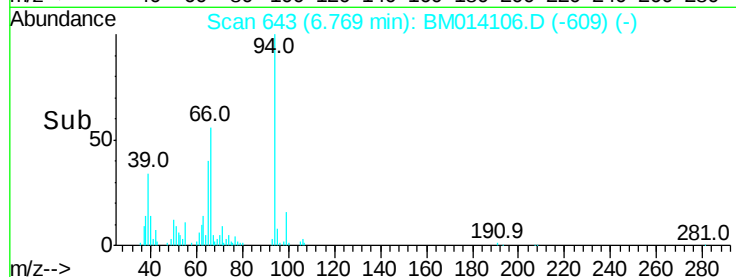
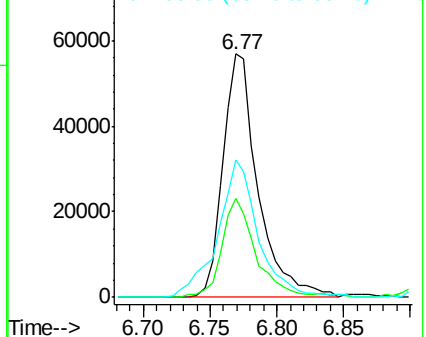
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 40.5  | 28.2  | 42.4  |
| 66  | 56.2  | 47.2  | 70.8  |



Abundance Ion 94.00 (93.70 to 94.70): BM014106.D (-609) (-)

Ion 65.00 (64.70 to 65.70): BM014106.D (-609) (-)

Ion 66.00 (65.70 to 66.70): BM014106.D (-609) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 19.003 ng/ul

RT: 6.99 min Scan# 681

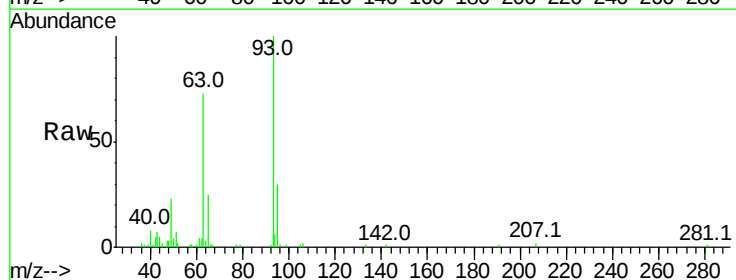
Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Tgt Ion: 93 Resp: 81744

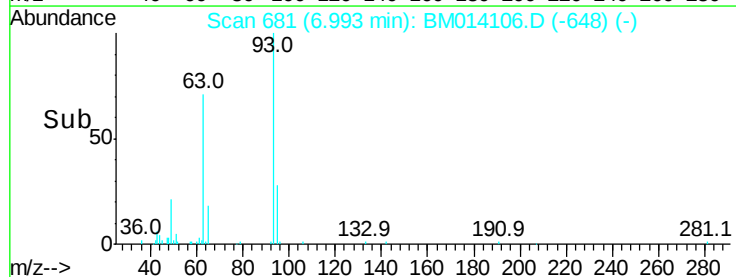
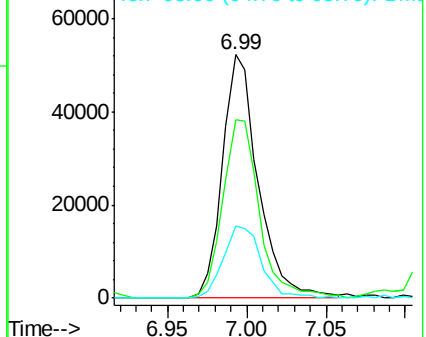
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 73.1  | 57.3  | 85.9  |
| 95  | 29.5  | 26.6  | 39.8  |

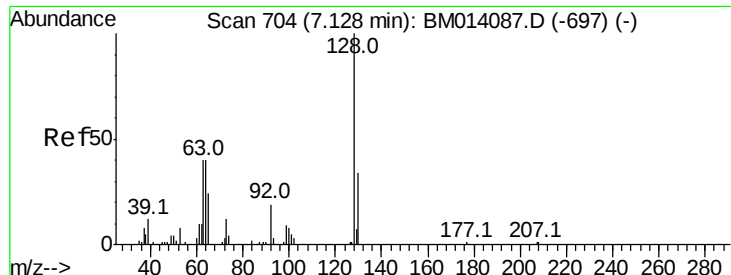


Abundance Ion 93.00 (92.70 to 93.70): BM014106.D (-648) (-)

Ion 63.00 (62.70 to 63.70): BM014106.D (-648) (-)

Ion 95.00 (94.70 to 95.70): BM014106.D (-648) (-)

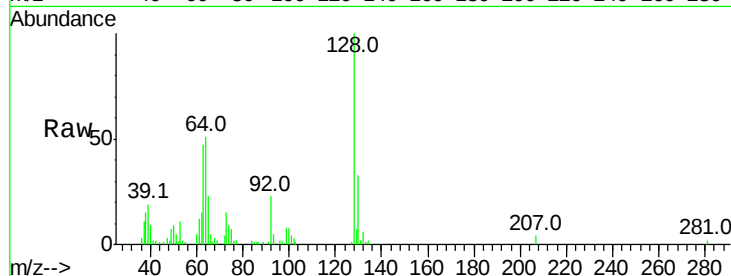




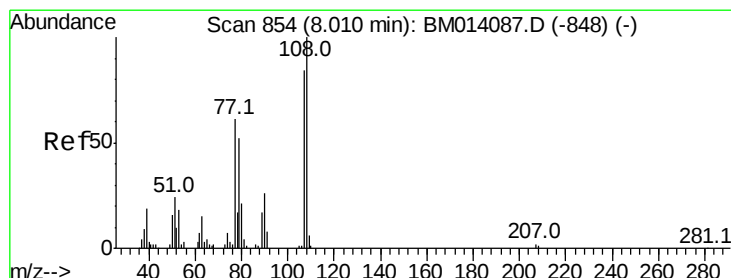
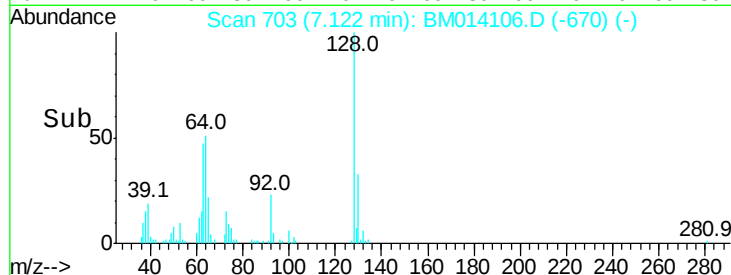
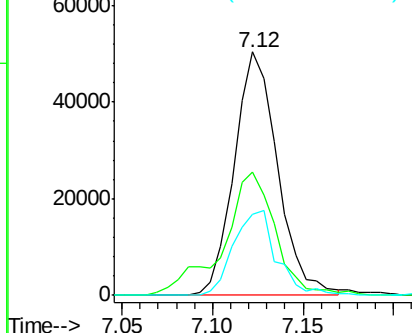
#10  
2-Chlorophenol  
Concen: 19.001 ng/ul  
RT: 7.12 min Scan# 703  
Delta R.T. -0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:128 Resp: 83969  
Ion Ratio Lower Upper  
128 100  
64 50.6 38.0 57.0  
130 33.1 24.4 36.6

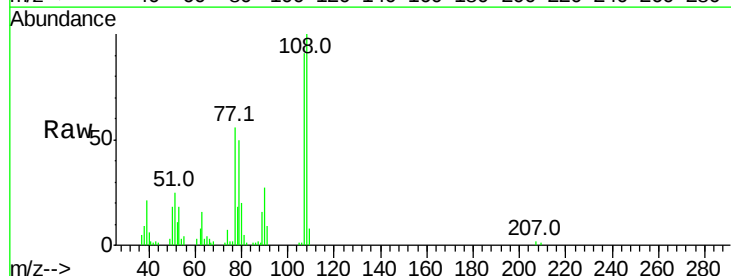


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 64.00 (63.70 to 64.70): BM0  
Ion 130.00 (129.70 to 130.70): E

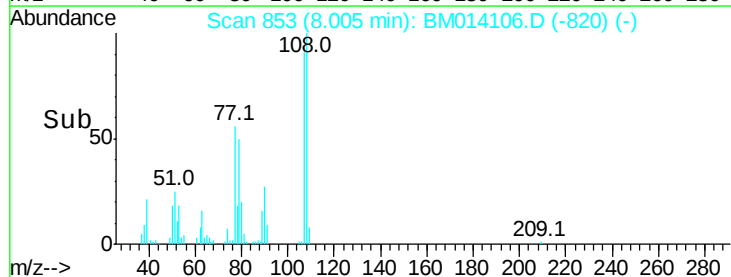
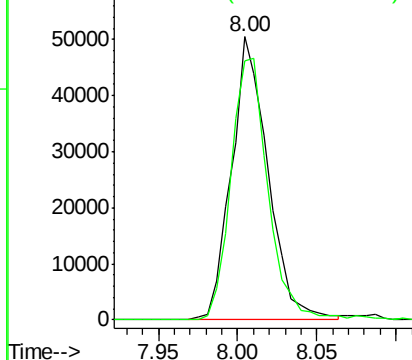


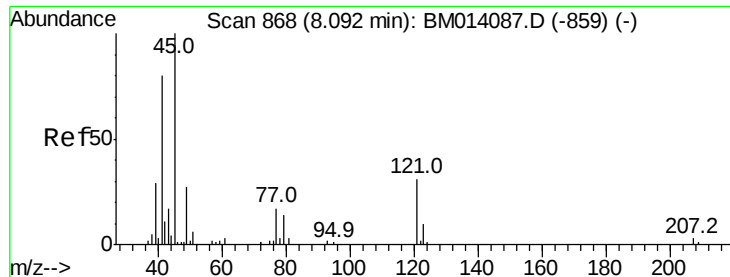
#11  
2-Methylphenol  
Concen: 19.020 ng/ul  
RT: 8.00 min Scan# 853  
Delta R.T. -0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Tgt Ion:108 Resp: 81043  
Ion Ratio Lower Upper  
108 100  
107 91.4 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E  
Ion 107.00 (106.70 to 107.70): E

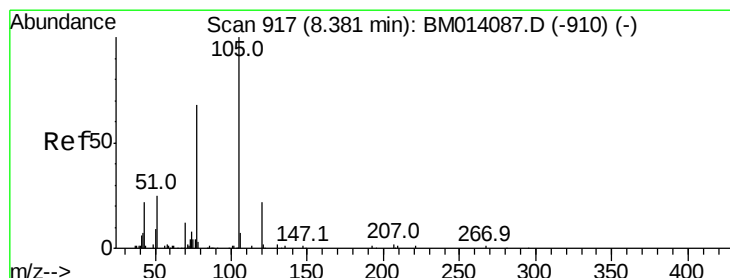
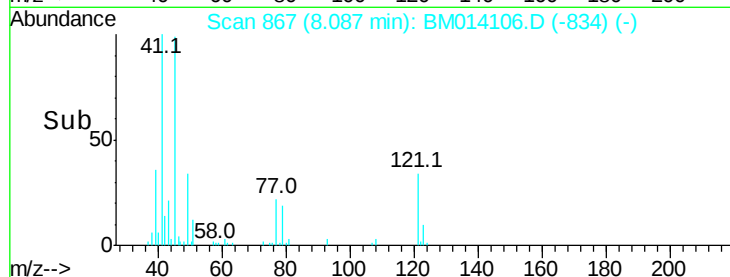
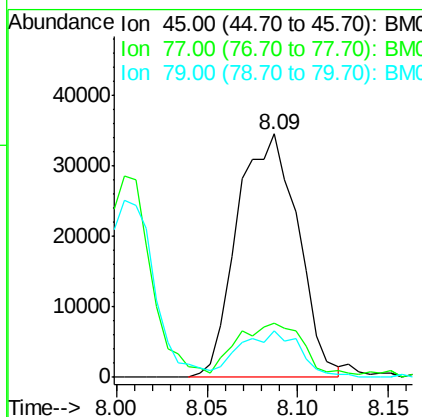
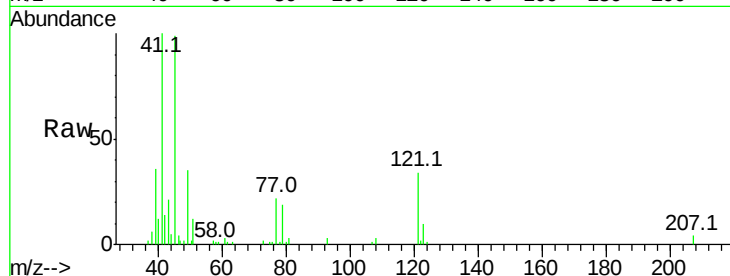




#12  
 2,2'-oxvbis(1-Chloropropane)  
 Concen: 18.571 ng/ul  
 RT: 8.09 min Scan# 867  
 Delta R.T. -0.01 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

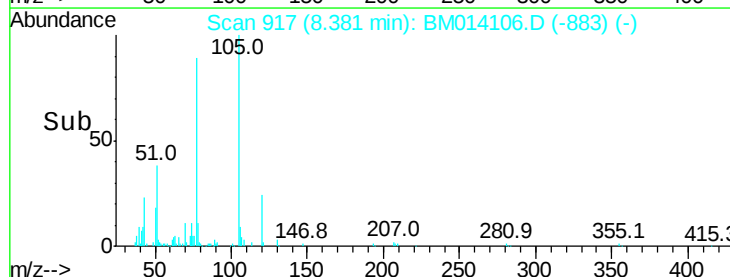
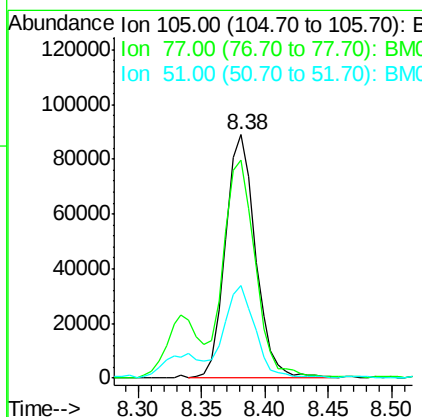
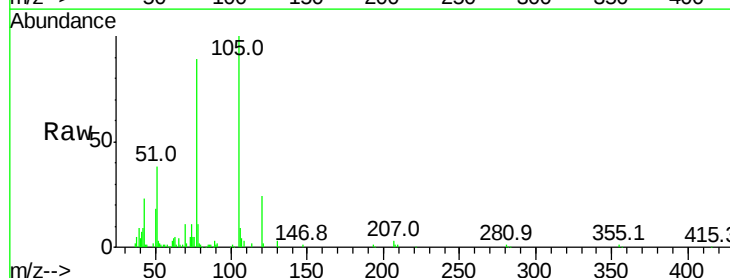
Instrument :  
 BNA\_M  
 ClientSampled :

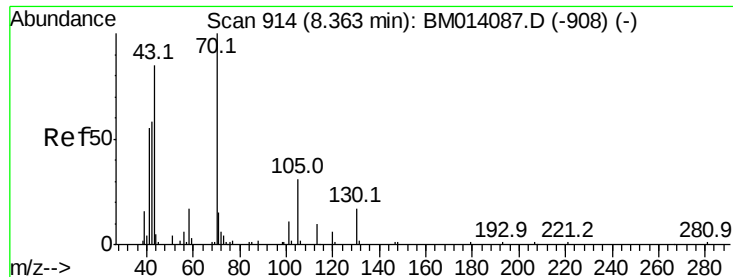
Tot Ion: 45 Resp: 80240  
 Ion Ratio Lower Upper  
 45 100  
 77 22.0 8.0 12.0#  
 79 19.3 8.0 12.0#



#14  
 Acetophenone  
 Concen: 18.470 ng/ul  
 RT: 8.38 min Scan# 917  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

Tgt Ion: 105 Resp: 144394  
 Ion Ratio Lower Upper  
 105 100  
 77 89.3 74.2 111.4  
 51 37.8 23.4 35.2#

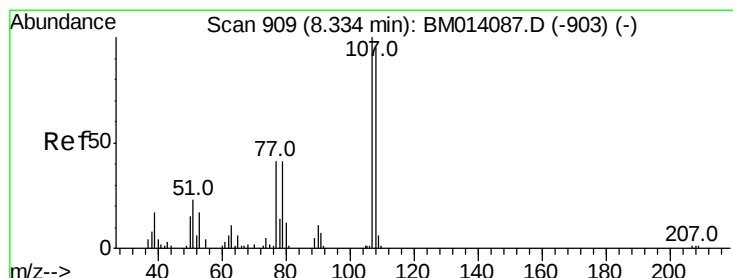
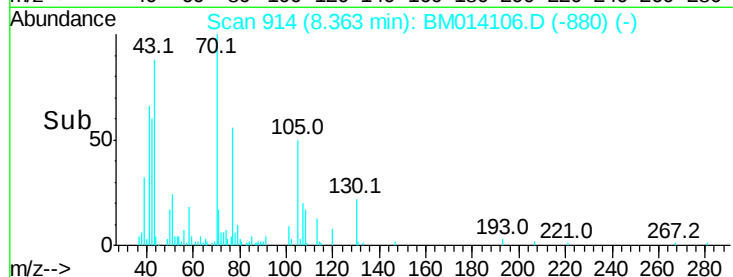
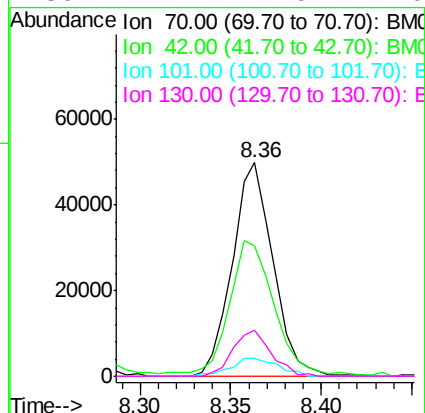
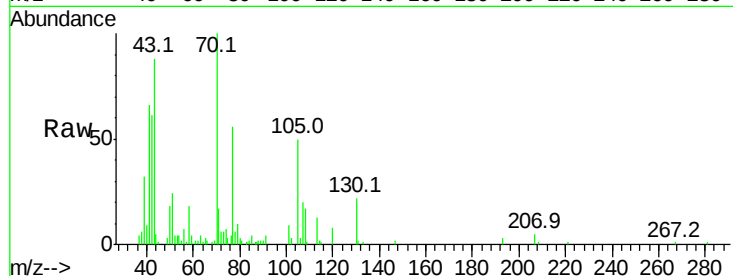




#15  
N-Nitroso-di-n-propylamine  
Concen: 19.414 ng/ul  
RT: 8.36 min Scan# 914  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

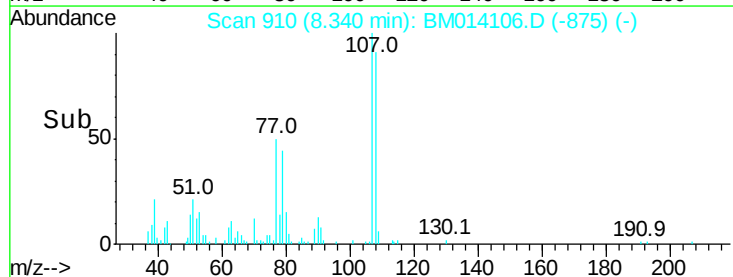
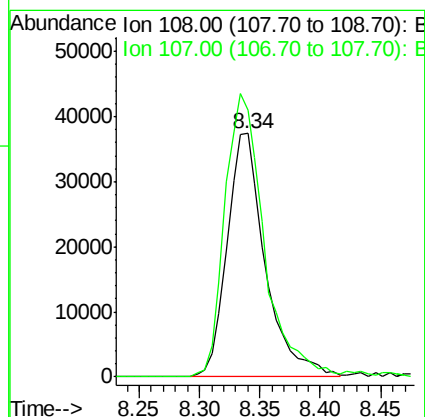
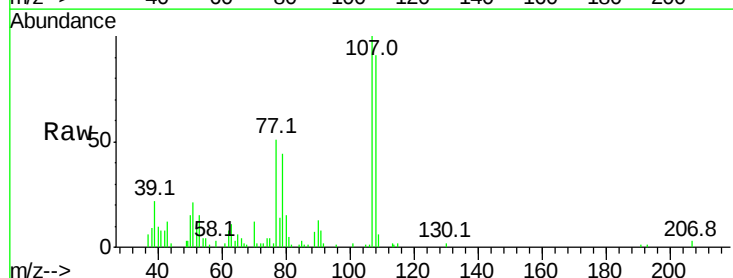
Instrument :  
BNA\_M  
ClientSampleId :

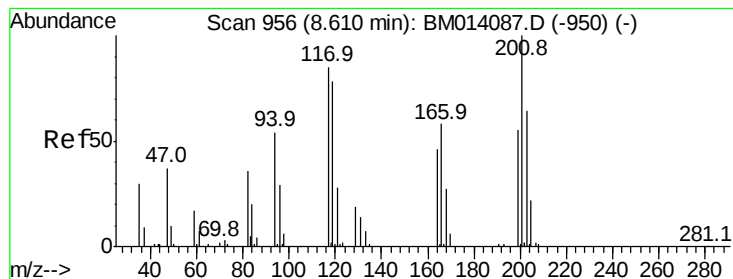
Tot Ion: 70 Resp: 77629  
Ion Ratio Lower Upper  
70 100  
42 61.1 76.0 114.0#  
101 8.6 6.7 10.1  
130 21.7 14.6 22.0



#16  
4-Methylphenol  
Concen: 18.078 ng/ul  
RT: 8.34 min Scan# 910  
Delta R.T. 0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Tgt Ion: 108 Resp: 82310  
Ion Ratio Lower Upper  
108 100  
107 109.9 84.9 127.3





#17

Hexachloroethane

Concen: 20.725 ng/ul

RT: 8.61 min Scan# 956

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampled :

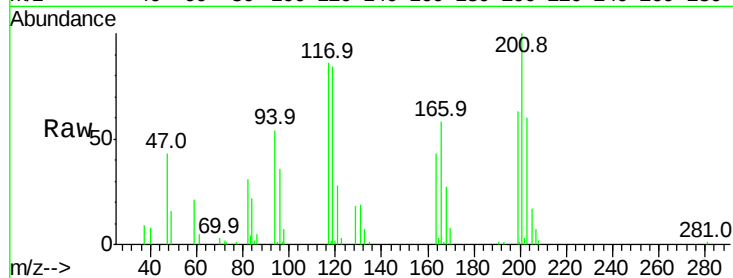
Tot Ion:117 Resp: 47773

Ion Ratio Lower Upper

117 100

201 115.9 111.6 167.4

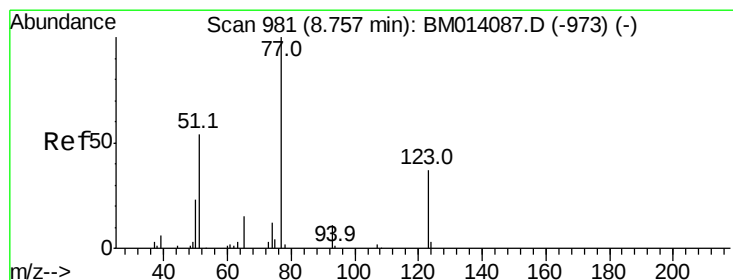
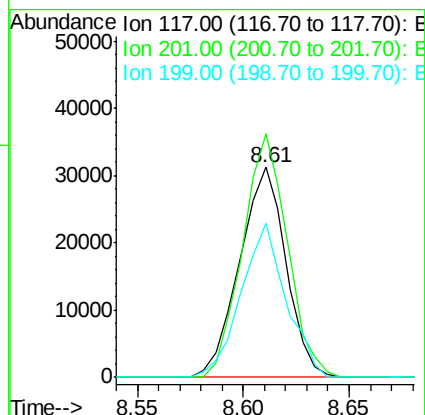
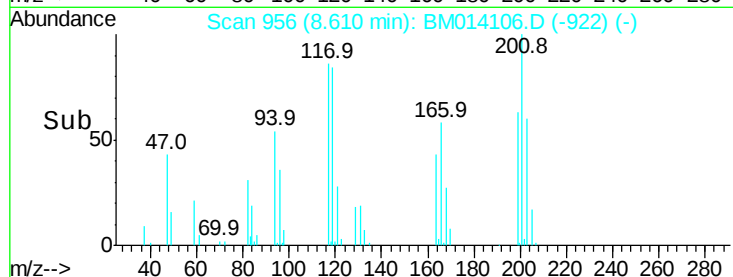
199 73.2 67.8 101.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 201.00 (200.70 to 201.70): E

Ion 199.00 (198.70 to 199.70): E



#20

Nitrobenzene

Concen: 18.813 ng/ul

RT: 8.75 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

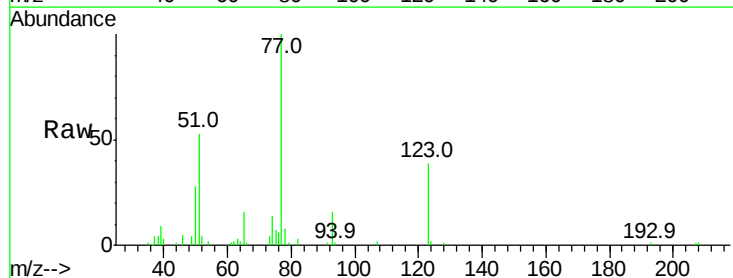
Tgt Ion: 77 Resp: 120768

Ion Ratio Lower Upper

77 100

123 38.7 31.0 46.6

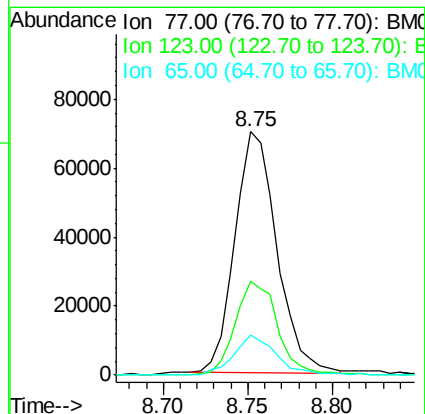
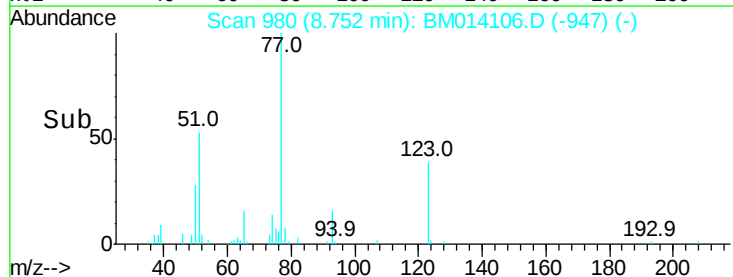
65 16.2 12.2 18.2

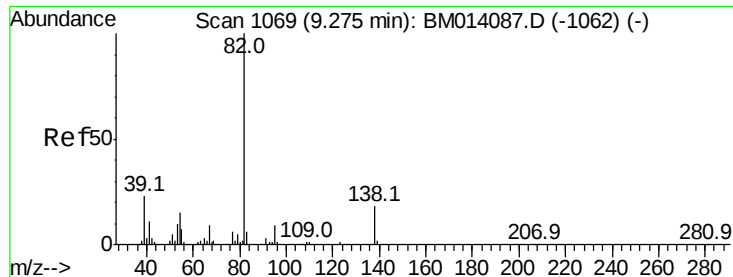


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM





#21

Isophorone

Concen: 19.014 ng/ul

RT: 9.28 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

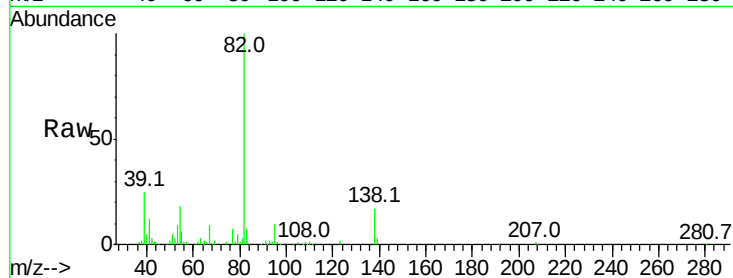
Tot Ion: 82 Resp: 205475

Ion Ratio Lower Upper

82 100

95 10.4 7.8 11.8

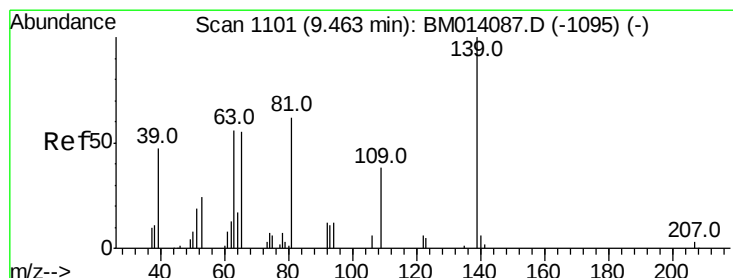
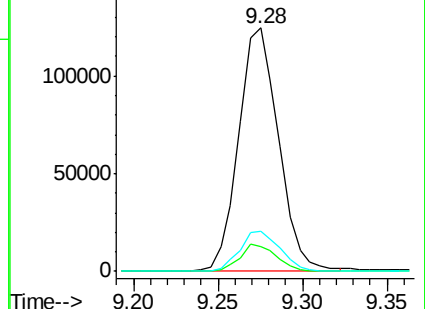
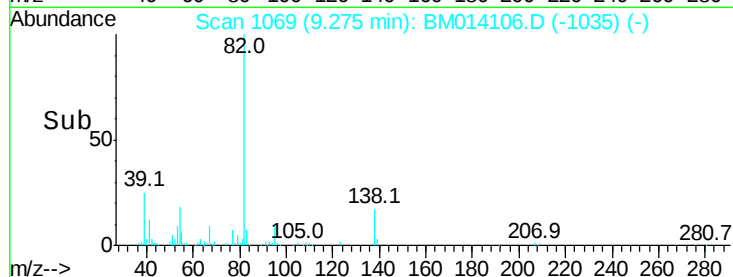
138 16.6 11.9 17.9



Abundance Ion 82.00 (81.70 to 82.70): BM014106.D (-1035) (-)

Ion 95.00 (94.70 to 95.70): BM014106.D (-1035) (-)

Ion 138.00 (137.70 to 138.70): BM014106.D (-1035) (-)



#23

2-Nitrophenol

Concen: 19.274 ng/ul

RT: 9.46 min Scan# 1101

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

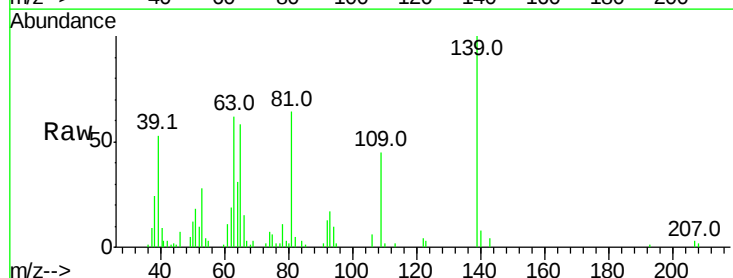
Tgt Ion: 139 Resp: 50095

Ion Ratio Lower Upper

139 100

65 58.2 55.4 83.0

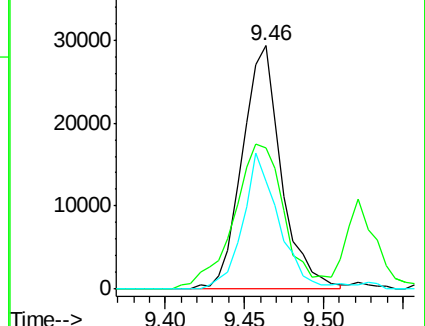
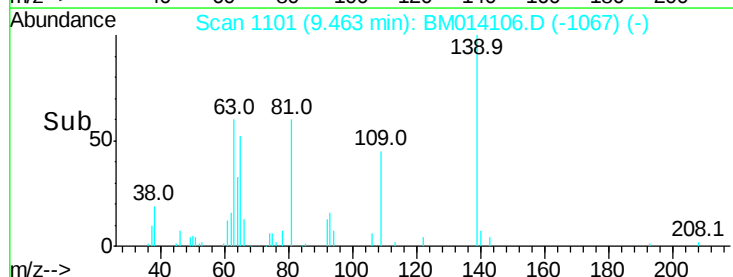
109 44.5 42.2 63.2

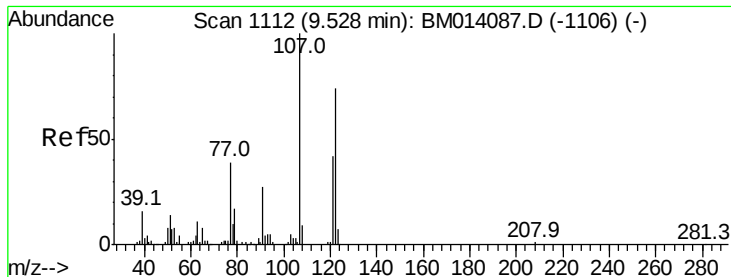


Abundance Ion 139.00 (138.70 to 139.70): BM014106.D (-1067) (-)

Ion 65.00 (64.70 to 65.70): BM014106.D (-1067) (-)

Ion 109.00 (108.70 to 109.70): BM014106.D (-1067) (-)





#24

2,4-Dimethylphenol

Concen: 19.634 ng/ul

RT: 9.52 min Scan# 1111

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

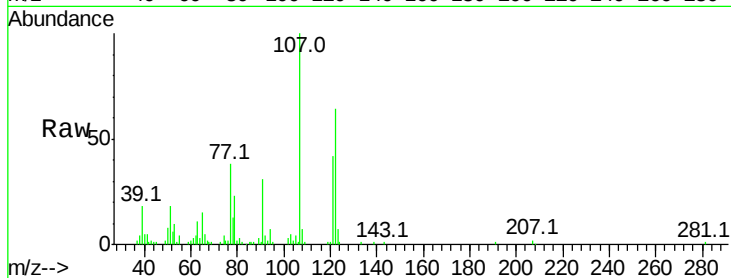
Tot Ion:107 Resp: 115077

Ion Ratio Lower Upper

107 100

121 41.7 31.9 47.9

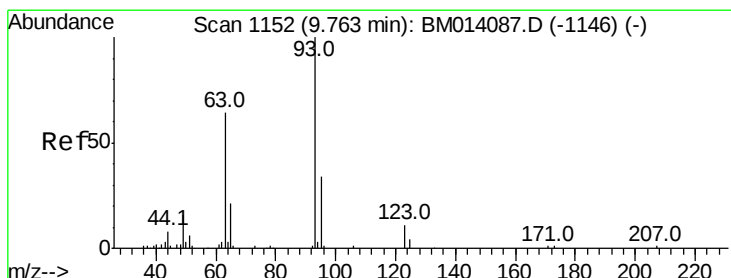
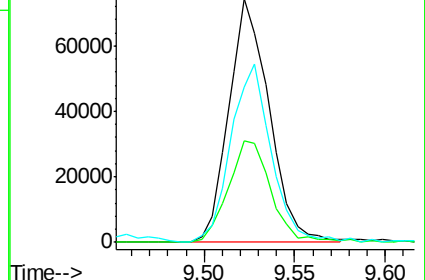
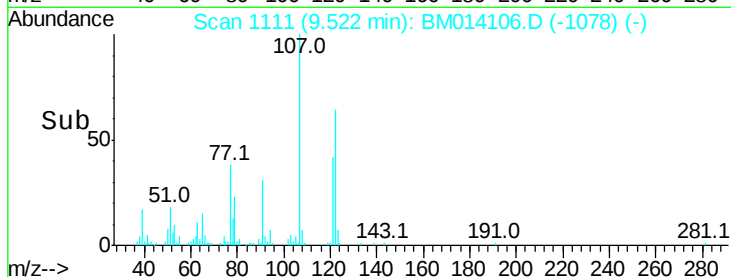
122 63.8 57.8 86.6



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: 19.388 ng/ul

RT: 9.76 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

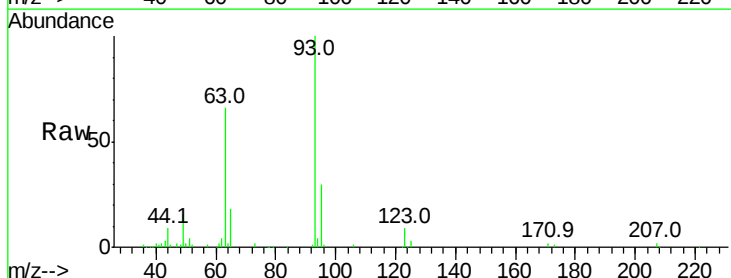
Tgt Ion: 93 Resp: 115407

Ion Ratio Lower Upper

93 100

95 29.6 28.5 42.7

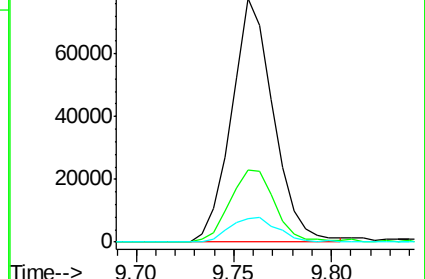
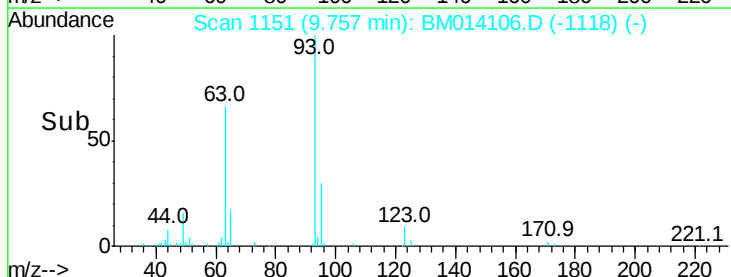
123 9.5 8.9 13.3

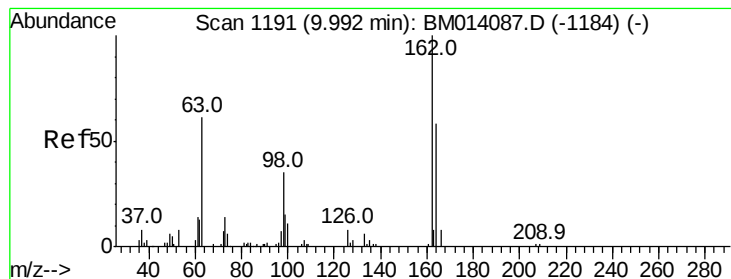


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

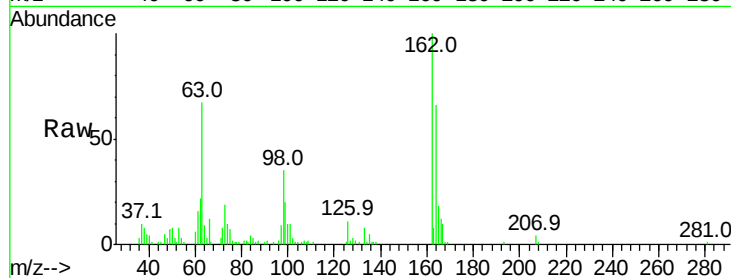




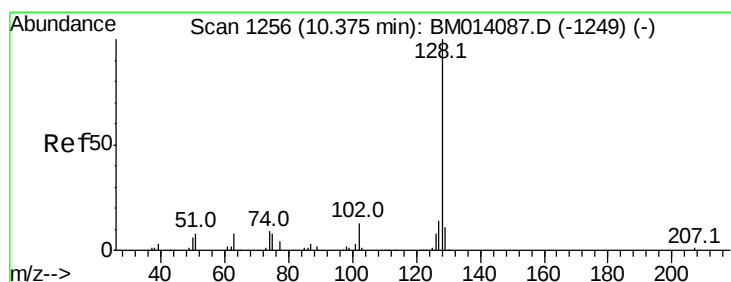
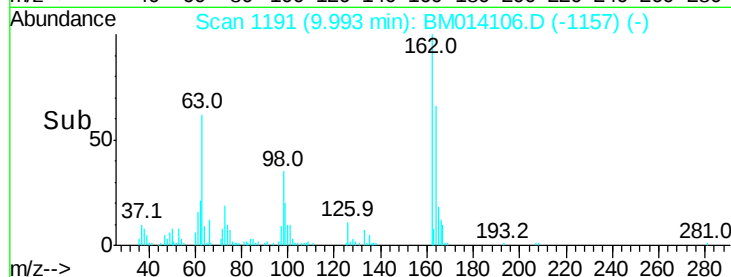
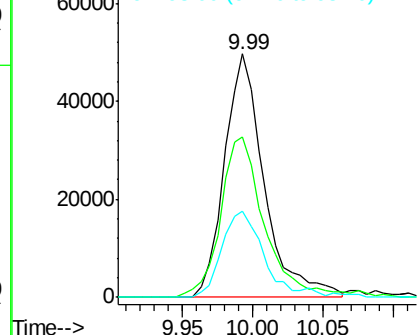
#27  
 2,4-Dichlorophenol  
 Concen: 19.708 ng/ul  
 RT: 9.99 min Scan# 1191  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:162 Resp: 97394  
 Ion Ratio Lower Upper  
 162 100  
 164 65.8 47.8 71.6  
 98 35.4 23.0 34.4#

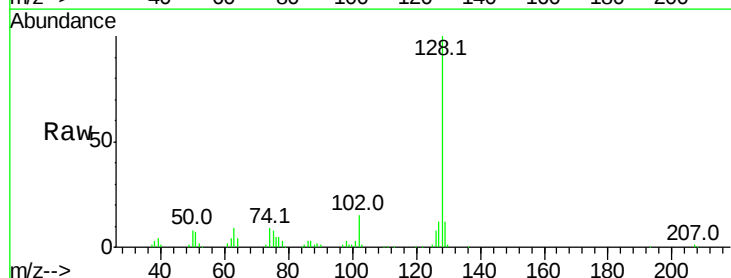


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BMO

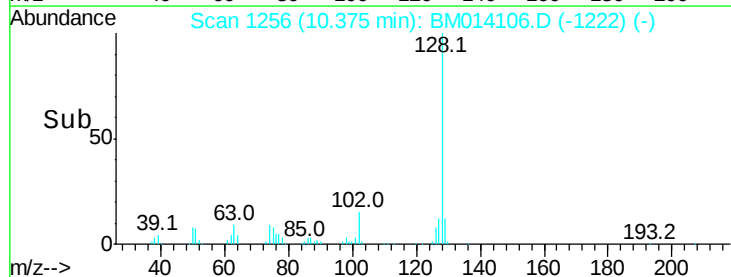
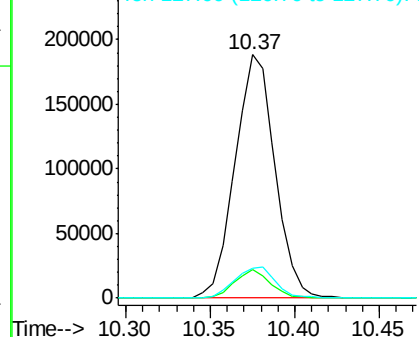


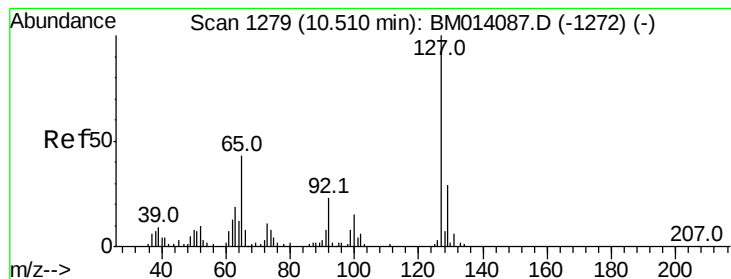
#28  
 Naphthalene  
 Concen: 19.463 ng/ul  
 RT: 10.37 min Scan# 1256  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

Tgt Ion:128 Resp: 310051  
 Ion Ratio Lower Upper  
 128 100  
 129 11.6 8.8 13.2  
 127 12.1 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: 19.231 ng/ul

RT: 10.51 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

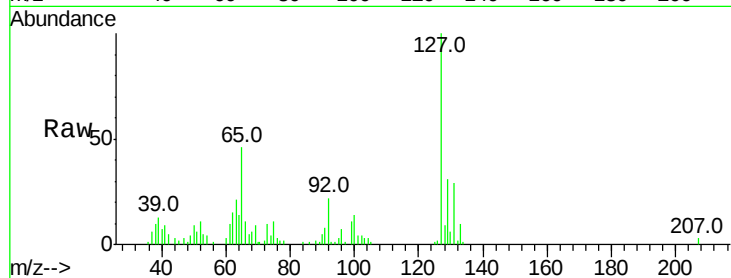
ClientSampleId :

Tot Ion:127 Resp: 88840

Ion Ratio Lower Upper

127 100

129 30.6 28.4 42.6



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

40000

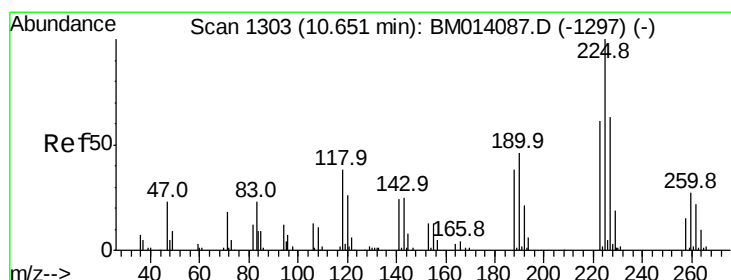
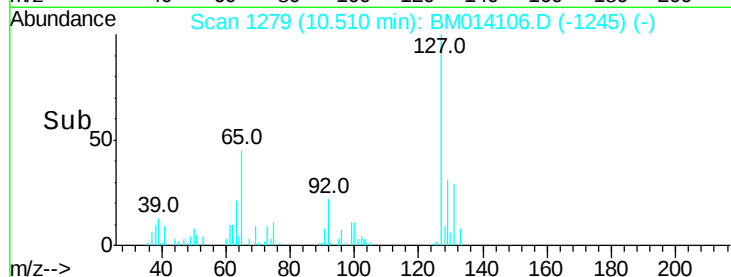
30000

20000

10000

0

Time--> 10.40 10.50 10.60



#31

Hexachlorobutadiene

Concen: 20.412 ng/ul

RT: 10.65 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

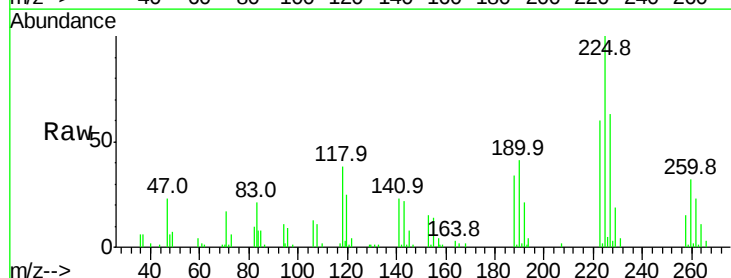
Tgt Ion:225 Resp: 90946

Ion Ratio Lower Upper

225 100

223 60.2 49.4 74.2

227 62.9 45.4 68.2



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

80000

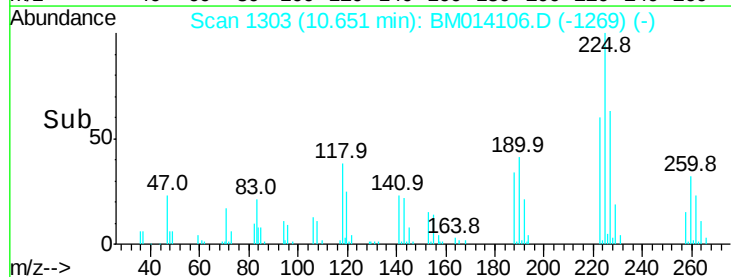
60000

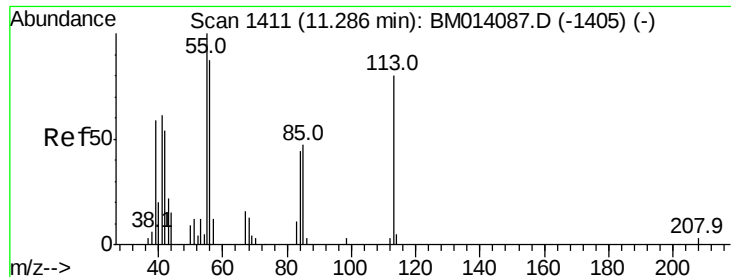
40000

20000

0

Time--> 10.60 10.65 10.70





#32

Caprolactam

Concen: 6.653 ng/ul

RT: 11.29 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

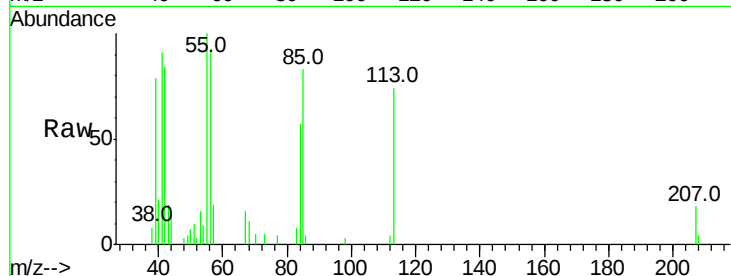
Tot Ion:113 Resp: 9027

Ion Ratio Lower Upper

113 100

55 135.6 208.0 312.0#

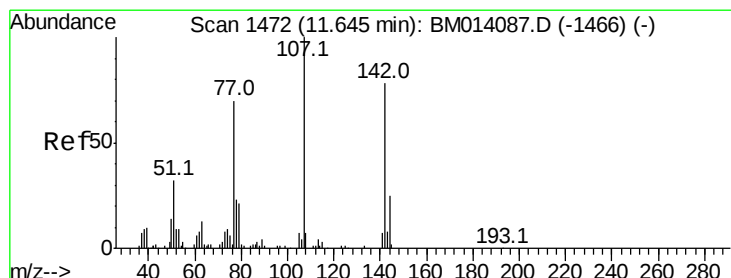
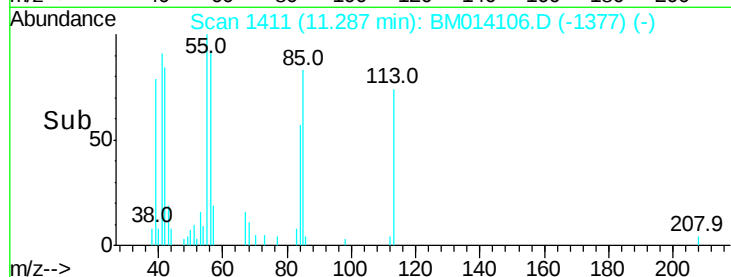
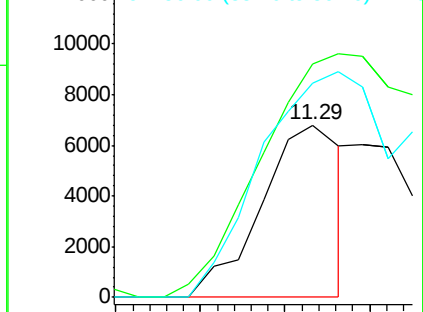
56 124.3 160.0 240.0#



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: 19.987 ng/ul

RT: 11.65 min Scan# 1472

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

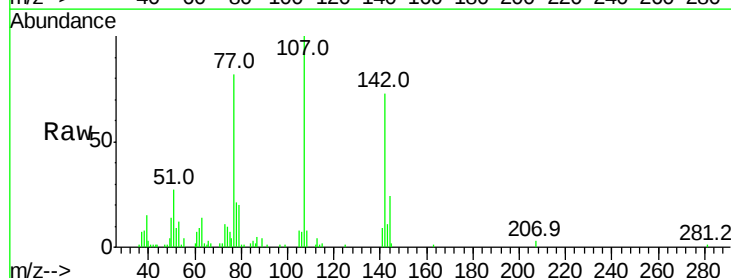
Tgt Ion:107 Resp: 103467

Ion Ratio Lower Upper

107 100

144 24.2 20.4 30.6

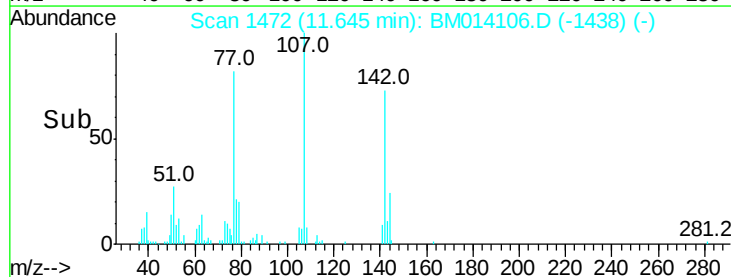
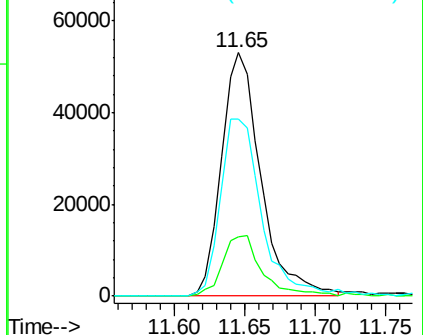
142 72.7 60.5 90.7

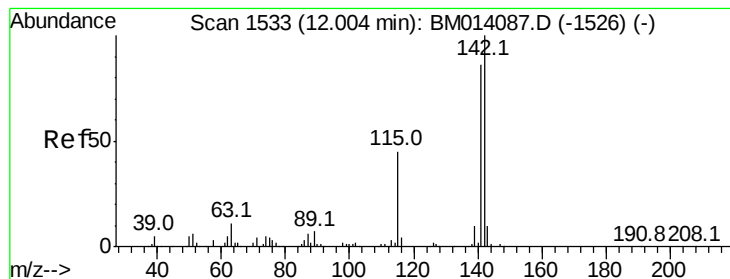


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 19.788 ng/ul

RT: 12.00 min Scan# 1532

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

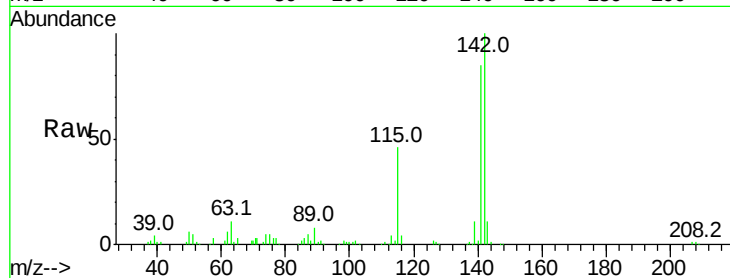
ClientSampleId :

Tot Ion:142 Resp: 238006

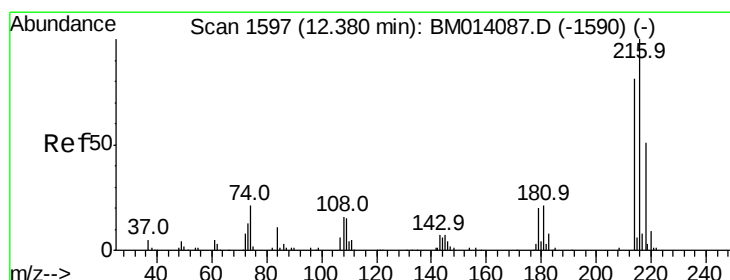
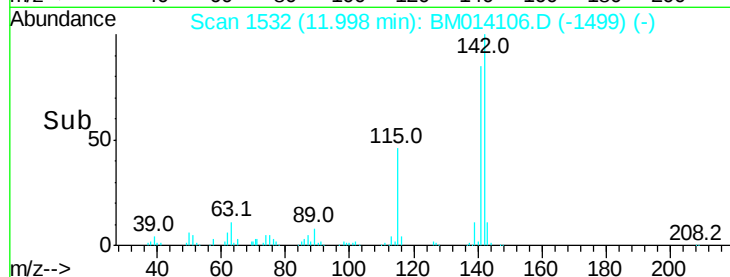
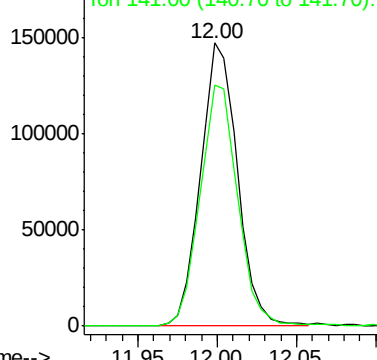
Ion Ratio Lower Upper

142 100

141 85.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.792 ng/ul

RT: 12.37 min Scan# 1596

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Tgt Ion:216 Resp: 158118

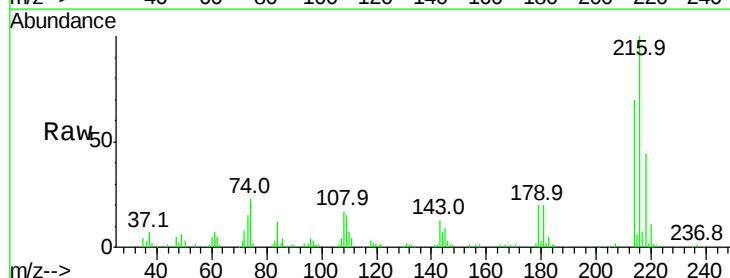
Ion Ratio Lower Upper

216 100

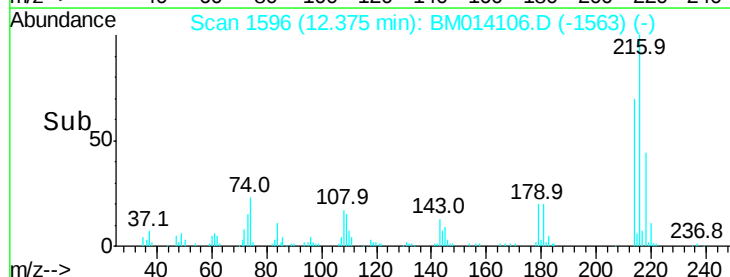
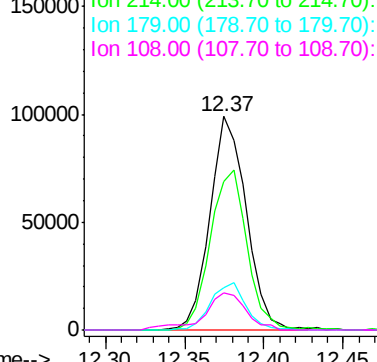
214 69.8 60.6 90.8

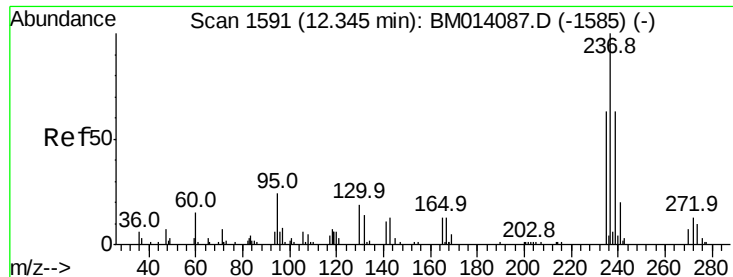
179 19.9 17.5 26.3

108 17.3 11.3 16.9#



Abundance Ion 216.00 (215.70 to 216.70): E

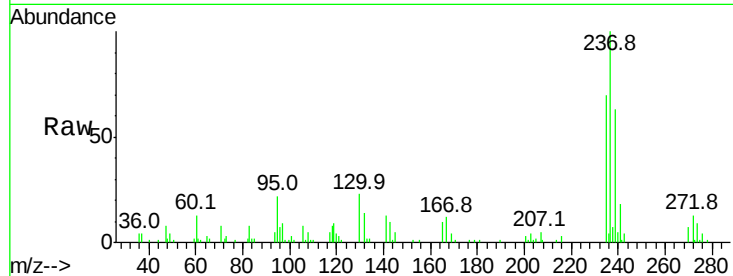




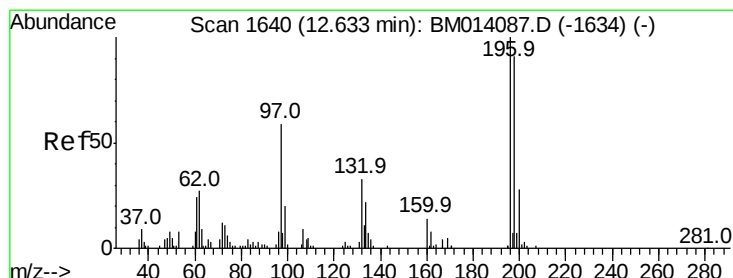
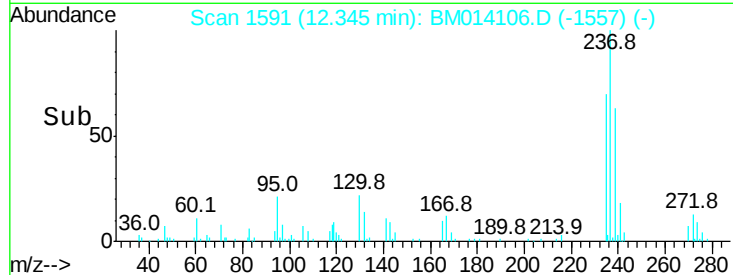
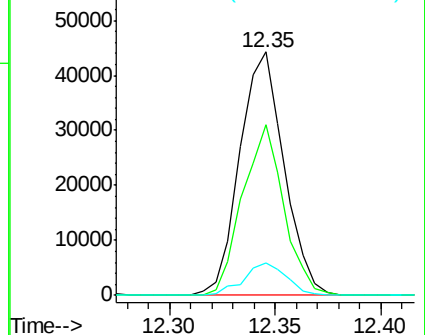
#37  
Hexachlorocyclopentadiene  
Concen: 14.826 ng/ul  
RT: 12.35 min Scan# 1591  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:237 Resp: 64501  
Ion Ratio Lower Upper  
237 100  
235 70.3 50.2 75.4  
272 13.4 11.0 16.6

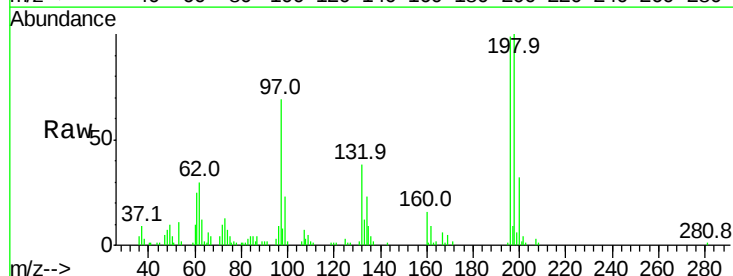


Abundance Ion 237.00 (236.70 to 237.70): E  
Ion 235.00 (234.70 to 235.70): E  
Ion 272.00 (271.70 to 272.70): E

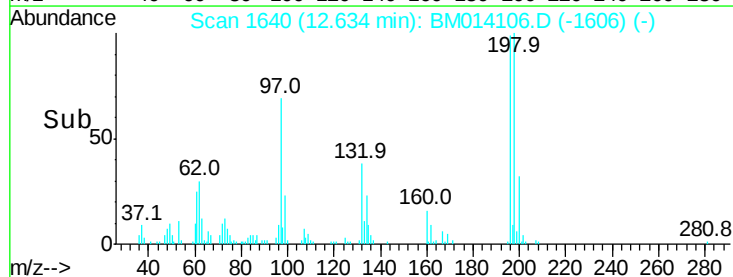
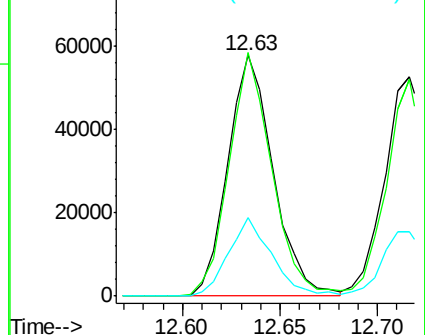


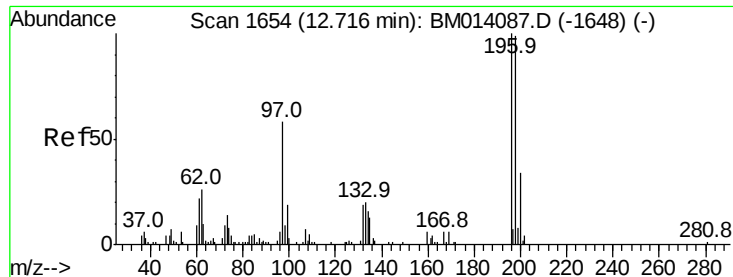
#38  
2,4,6-Trichlorophenol  
Concen: 20.043 ng/ul  
RT: 12.63 min Scan# 1640  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Tgt Ion:196 Resp: 93134  
Ion Ratio Lower Upper  
196 100  
198 101.3 74.1 111.1  
200 32.4 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

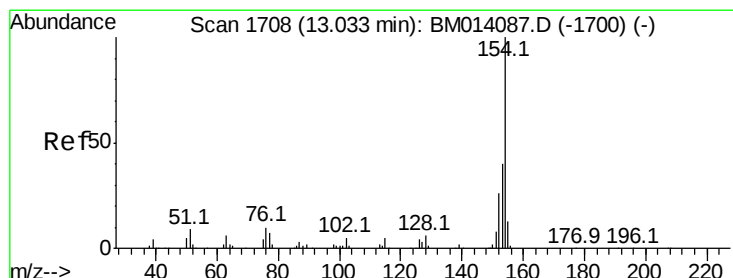
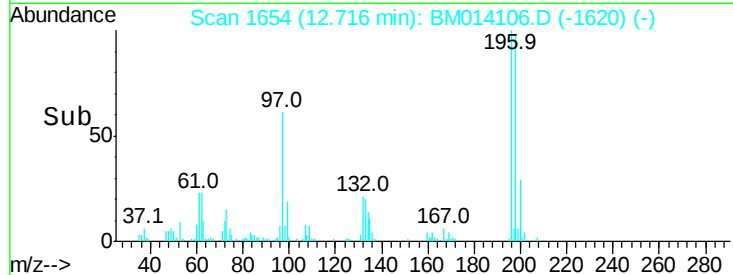
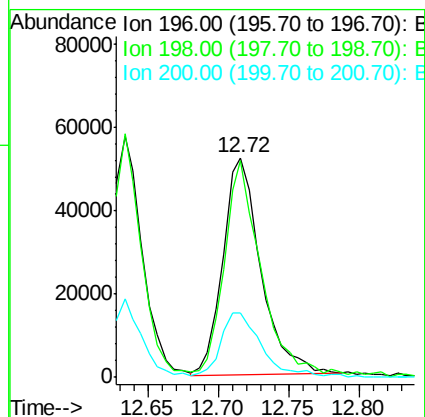
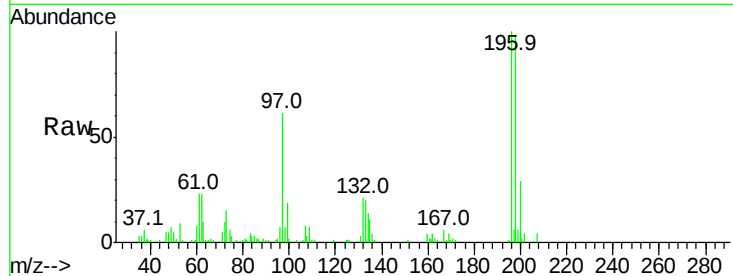




#39  
 2,4,5-Trichlorophenol  
 Concen: 20.500 ng/ul  
 RT: 12.72 min Scan# 1654  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

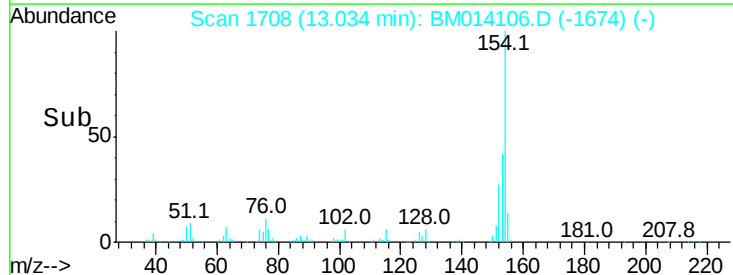
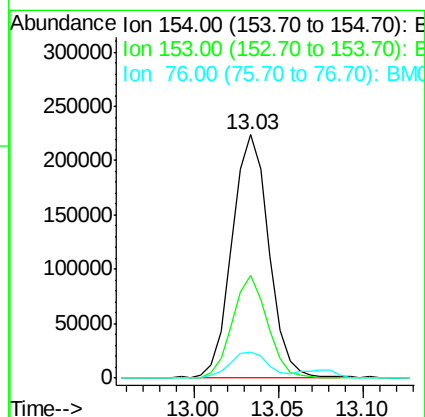
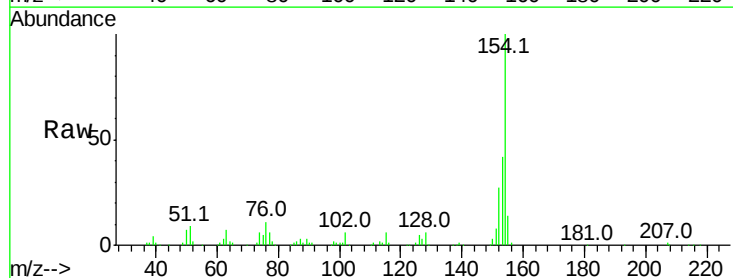
Instrument :  
 BNA\_M  
 ClientSampled :

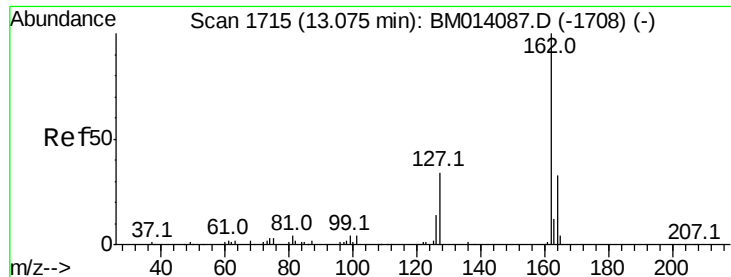
Tot Ion:196 Resp: 97991  
 Ion Ratio Lower Upper  
 196 100  
 198 98.4 75.6 113.4  
 200 29.1 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 19.792 ng/ul  
 RT: 13.03 min Scan# 1708  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

Tgt Ion:154 Resp: 336391  
 Ion Ratio Lower Upper  
 154 100  
 153 42.1 32.6 48.8  
 76 10.8 8.5 12.7

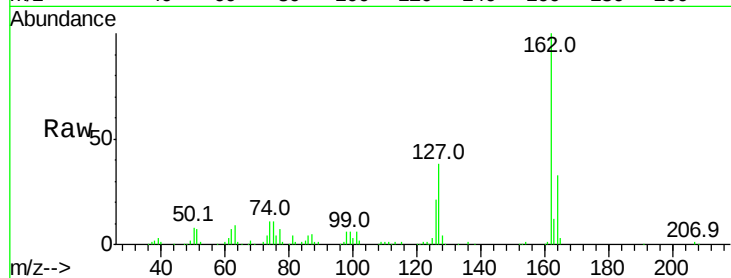




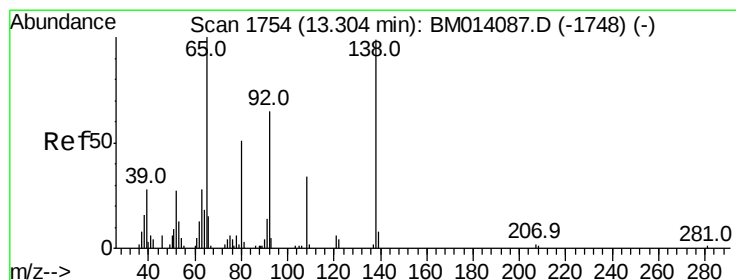
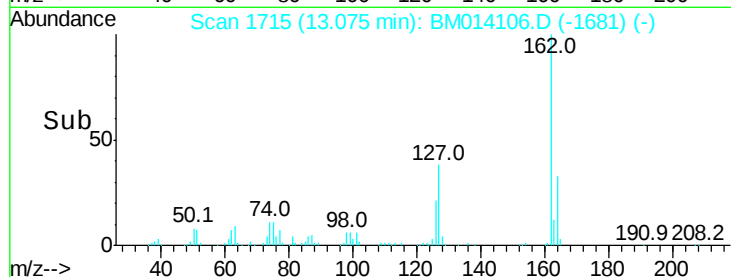
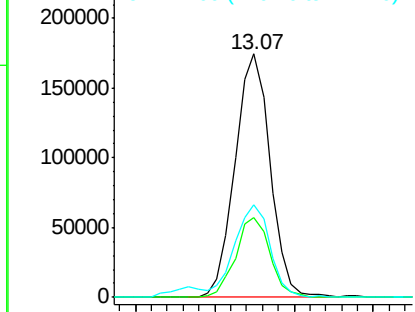
#41  
2-Chloronaphthalene  
Concen: 19.556 ng/ul  
RT: 13.07 min Scan# 1715  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:162 Resp: 268533  
Ion Ratio Lower Upper  
162 100  
164 33.0 25.9 38.9  
127 38.2 29.4 44.2

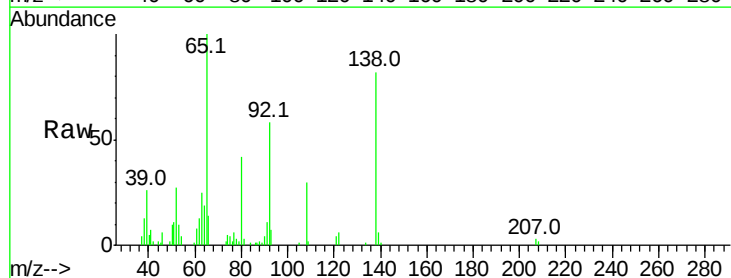


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 127.00 (126.70 to 127.70): E

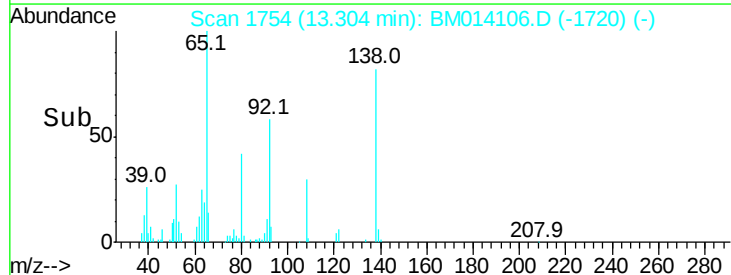
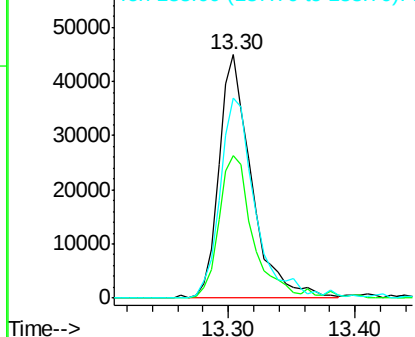


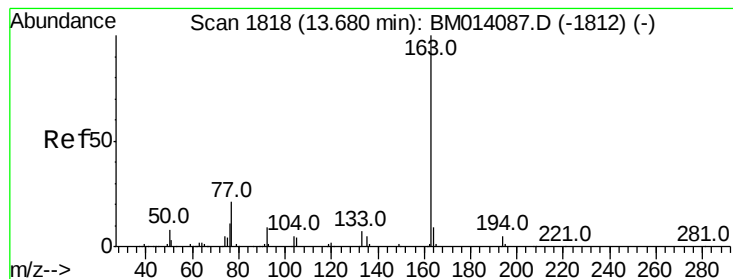
#42  
2-Nitroaniline  
Concen: 20.607 ng/ul  
RT: 13.30 min Scan# 1754  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Tgt Ion: 65 Resp: 80381  
Ion Ratio Lower Upper  
65 100  
92 58.4 51.8 77.6  
138 82.3 74.2 111.4



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





#44

Dimethylphthalate

Concen: 19.709 ng/ul

RT: 13.68 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

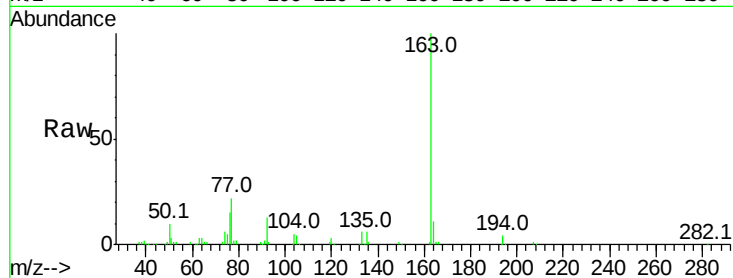
Tot Ion:163 Resp: 345015

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

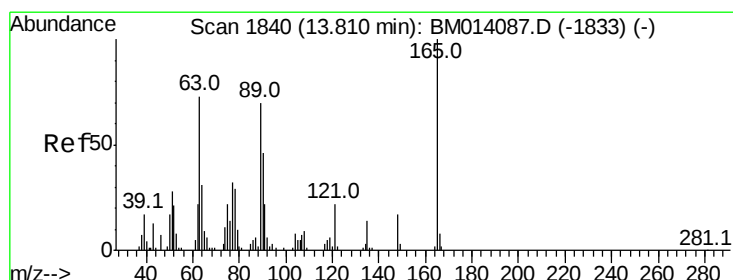
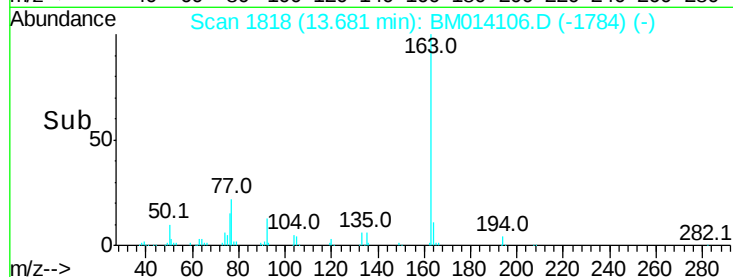
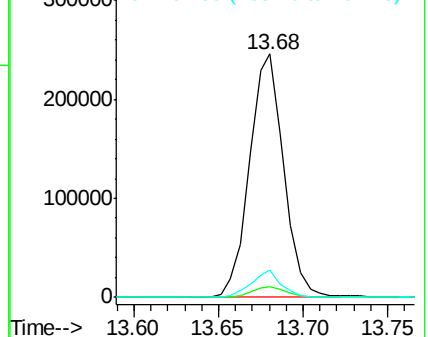
164 11.4 8.2 12.4



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: 20.582 ng/ul

RT: 13.80 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

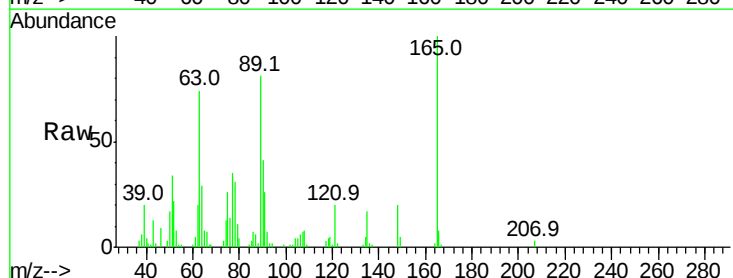
Tgt Ion:165 Resp: 69980

Ion Ratio Lower Upper

165 100

89 80.6 52.6 79.0#

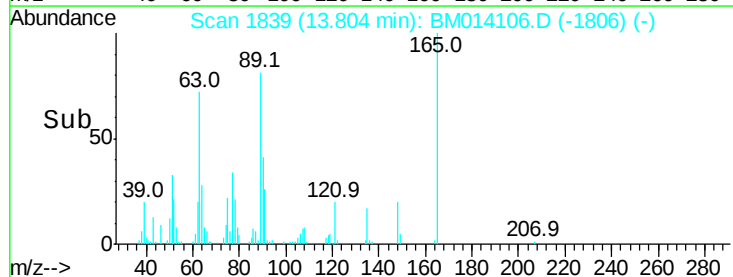
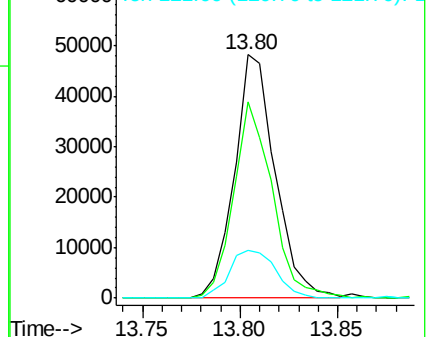
121 19.6 14.6 22.0

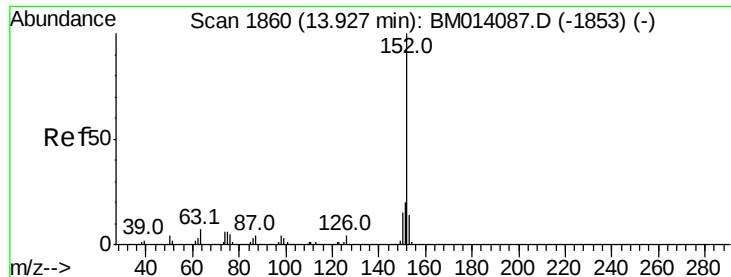


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 89.00 (88.70 to 89.70): BM0

Ion 121.00 (120.70 to 121.70): E





#47

Acenaphthylene

Concen: 20.300 ng/ul

RT: 13.93 min Scan# 1860

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

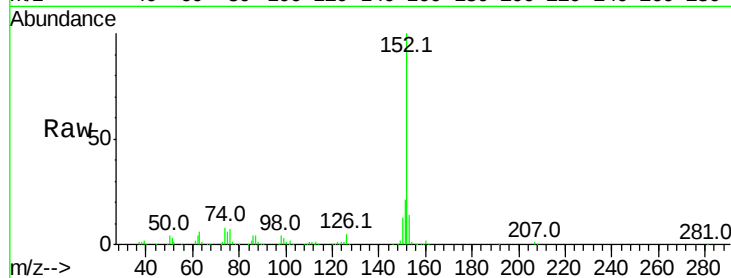
Tot Ion:152 Resp: 415206

Ion Ratio Lower Upper

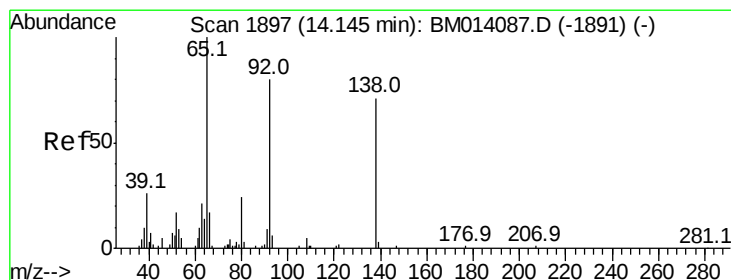
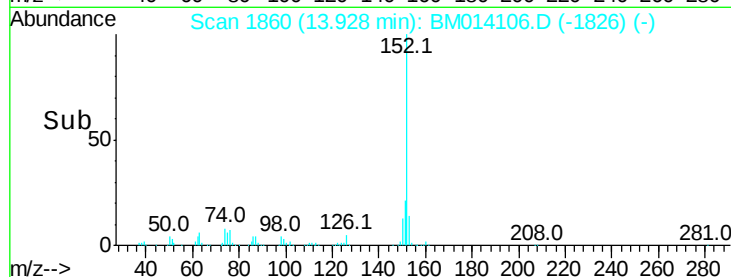
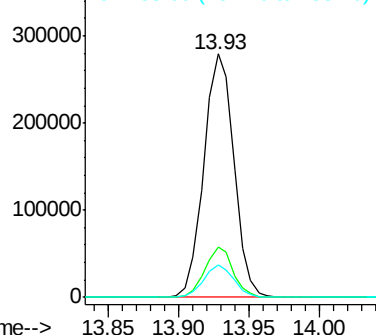
152 100

151 20.5 16.3 24.5

153 13.5 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: 18.722 ng/ul

RT: 14.15 min Scan# 1897

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

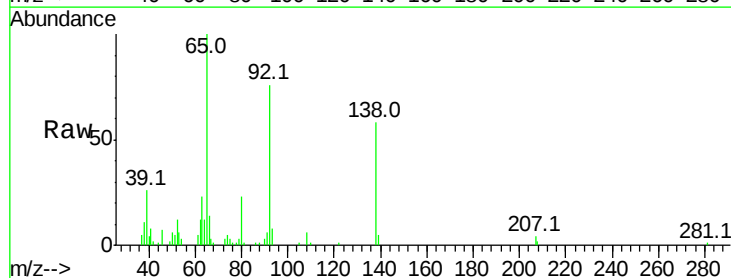
Tgt Ion:138 Resp: 47836

Ion Ratio Lower Upper

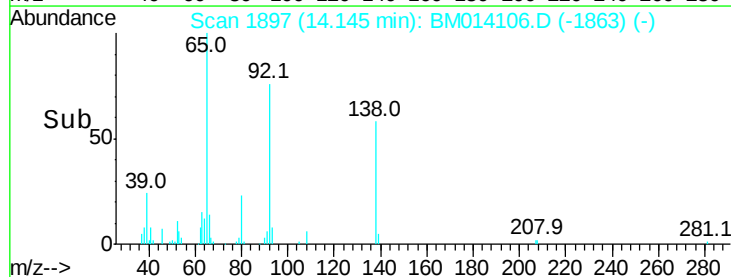
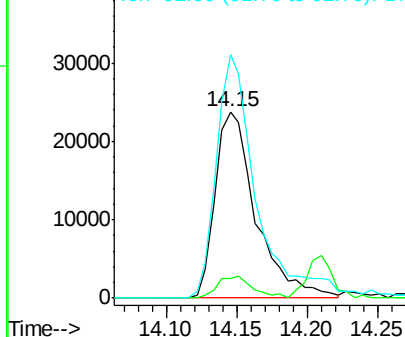
138 100

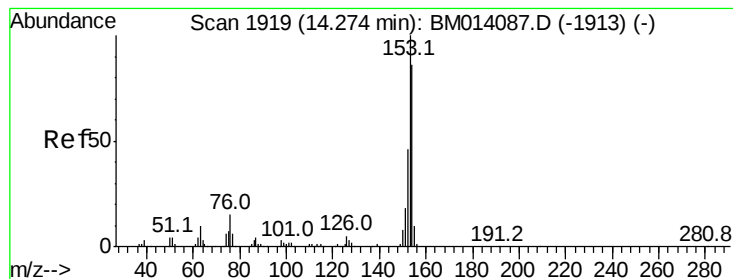
108 10.8 9.9 14.9

92 130.9 105.0 157.4



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





#49

Acenaphthene

Concen: 19.856 ng/ul

RT: 14.27 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

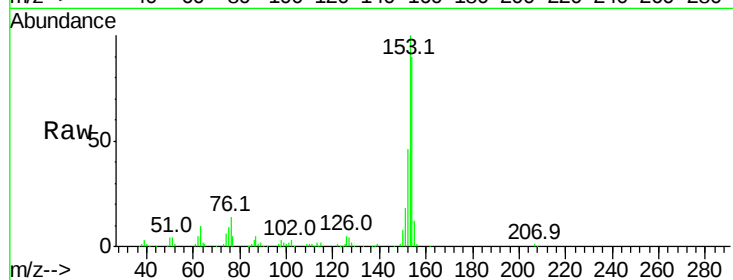
Tot Ion:153 Resp: 284752

Ion Ratio Lower Upper

153 100

152 45.7 37.6 56.4

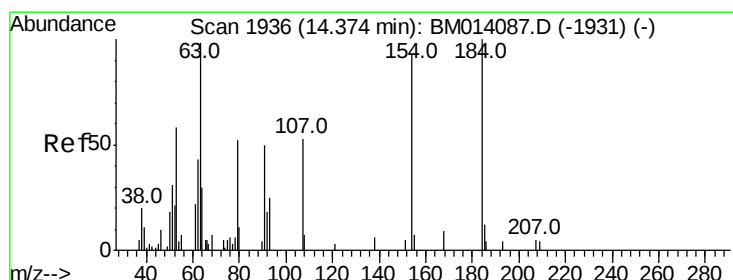
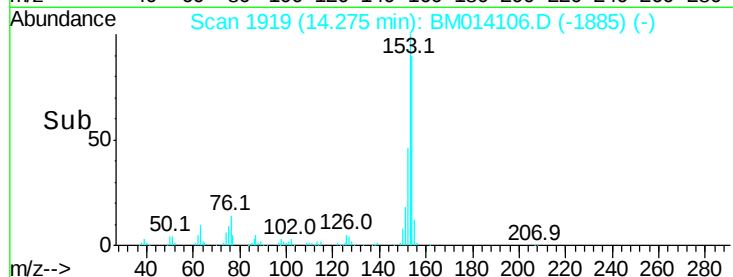
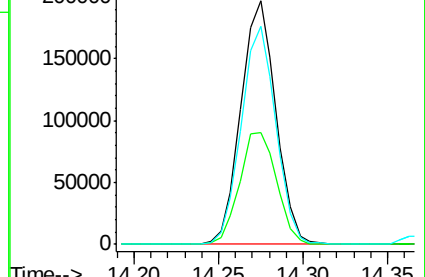
154 89.6 70.4 105.6



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: 12.298 ng/ul

RT: 14.37 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

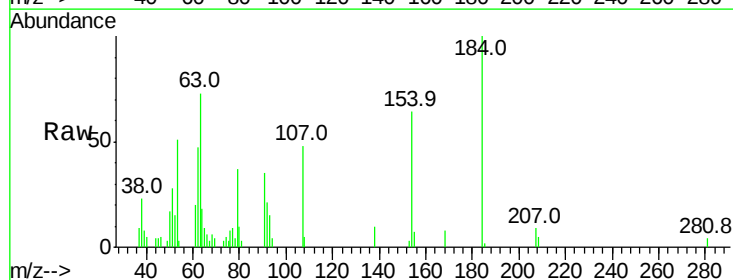
Tgt Ion:184 Resp: 22431

Ion Ratio Lower Upper

184 100

63 72.9 50.1 75.1

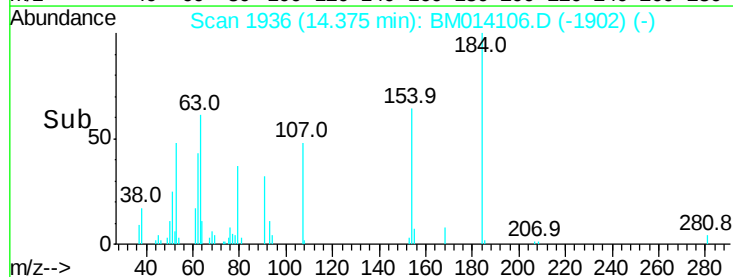
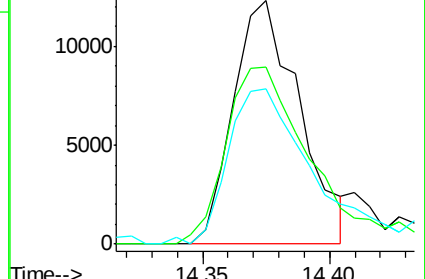
154 63.7 54.5 81.7

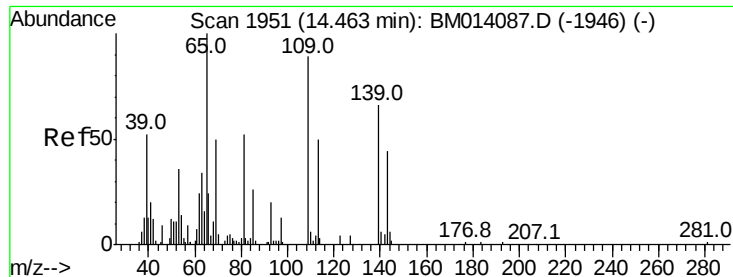


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 18.125 ng/ul

RT: 14.47 min Scan# 1952

Delta R.T. 0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

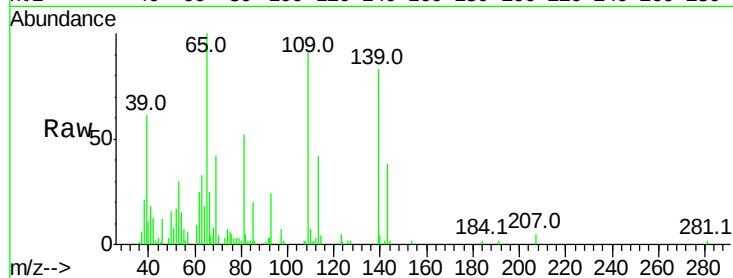
Tot Ion:109 Resp: 54661

Ion Ratio Lower Upper

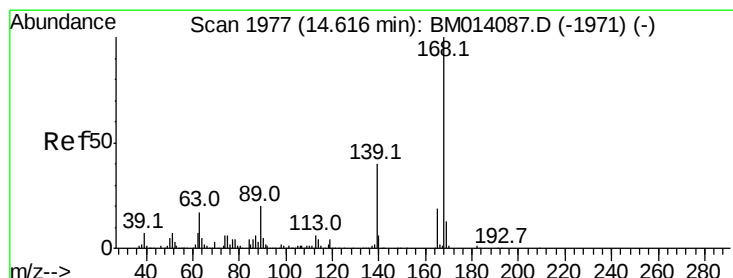
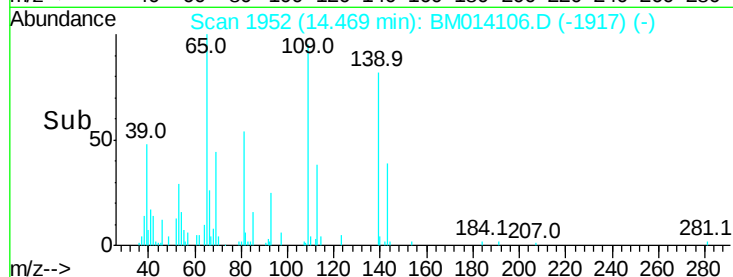
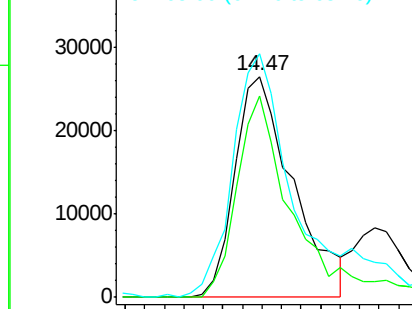
109 100

139 91.1 80.0 120.0

65 110.1 120.0 180.0#



Abundance Ion 109.00 (108.70 to 109.70): E  
Ion 139.00 (138.70 to 139.70): E  
Ion 65.00 (64.70 to 65.70): BM



#53

Dibenzofuran

Concen: 19.866 ng/ul

RT: 14.62 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BM014106.D

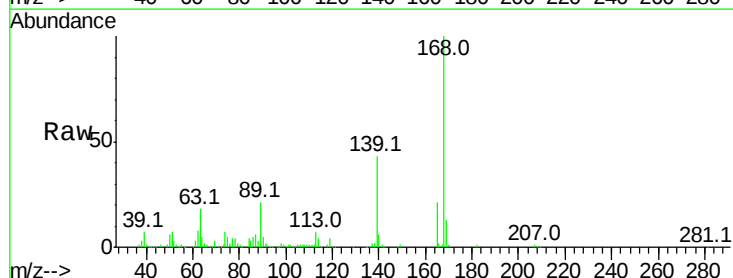
Acq: 02 Feb 2018 10:46

Tgt Ion:168 Resp: 433829

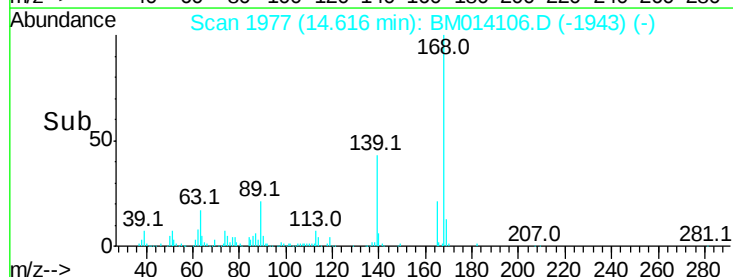
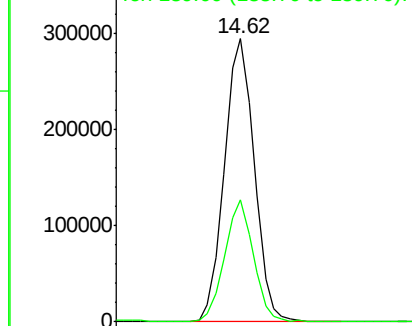
Ion Ratio Lower Upper

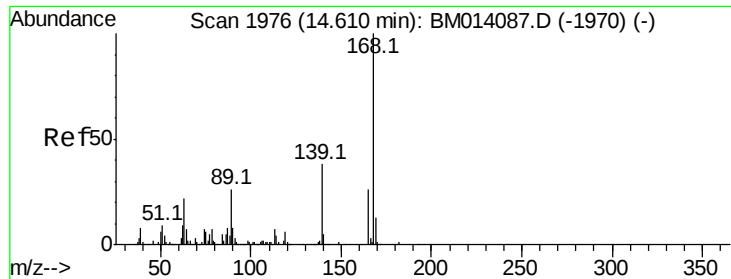
168 100

139 43.3 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E  
Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 20.896 ng/ul

RT: 14.61 min Scan# 1976

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampled :

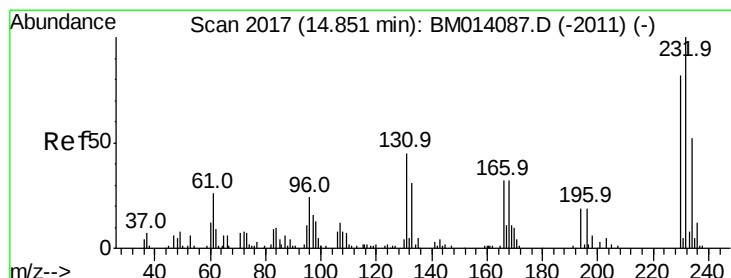
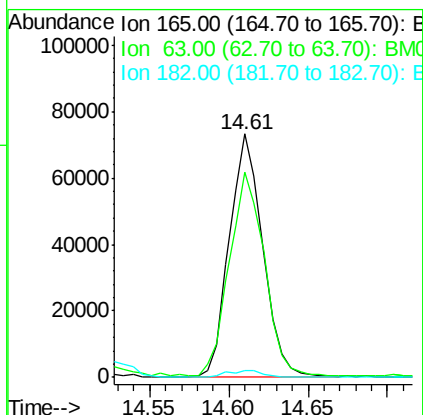
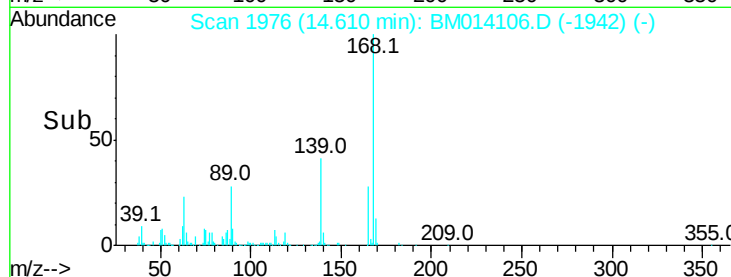
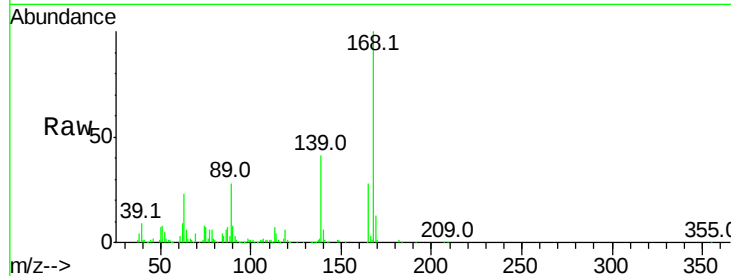
Tot Ion:165 Resp: 107501

Ion Ratio Lower Upper

165 100

63 84.4 45.8 68.8#

182 3.0 2.6 4.0



#55

2,3,4,6-Tetrachlorophenol

Concen: 20.046 ng/ul

RT: 14.85 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Tgt Ion:232 Resp: 96596

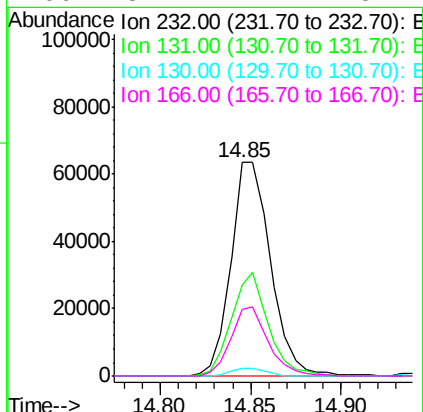
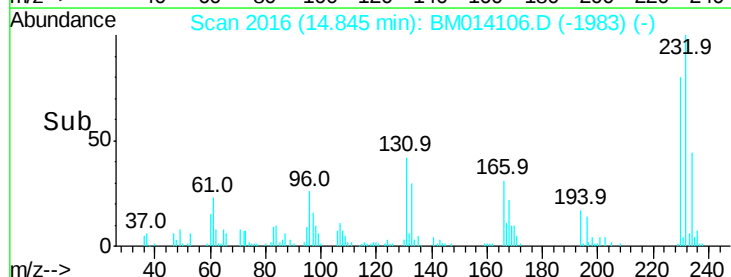
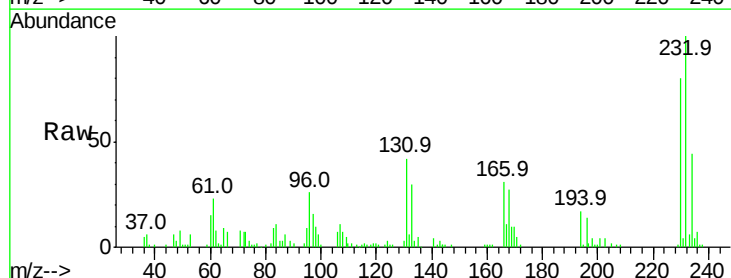
Ion Ratio Lower Upper

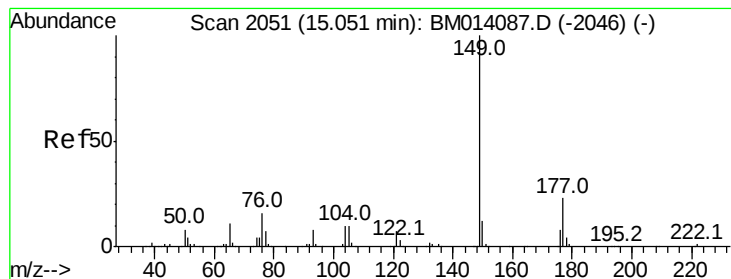
232 100

131 42.4 29.0 43.4

130 3.4 2.0 3.0#

166 31.4 21.4 32.2





#56

Diethylphthalate

Concen: 20.408 ng/ul

RT: 15.05 min Scan# 2051

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

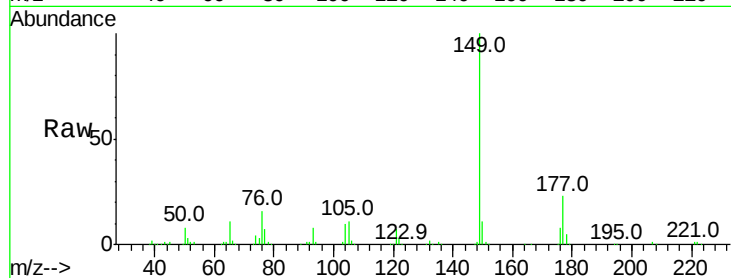
Tot Ion:149 Resp: 374743

Ion Ratio Lower Upper

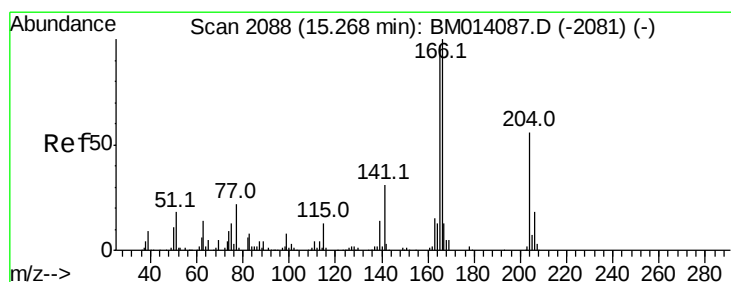
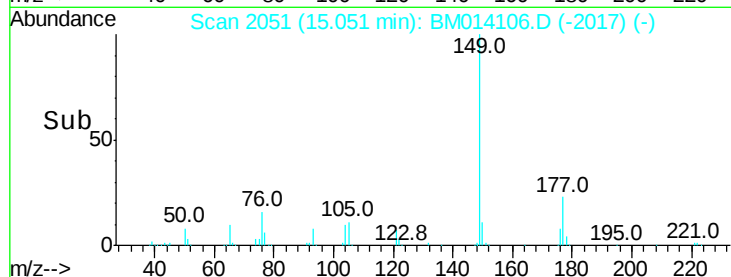
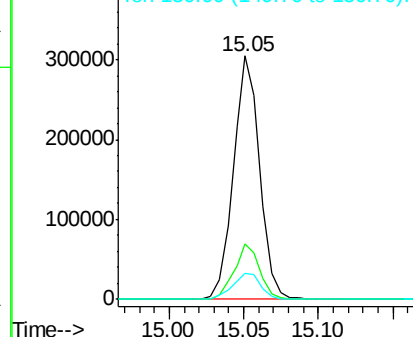
149 100

177 22.7 20.5 30.7

150 10.9 10.6 15.8



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



#58

Fluorene

Concen: 20.038 ng/ul

RT: 15.27 min Scan# 2088

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

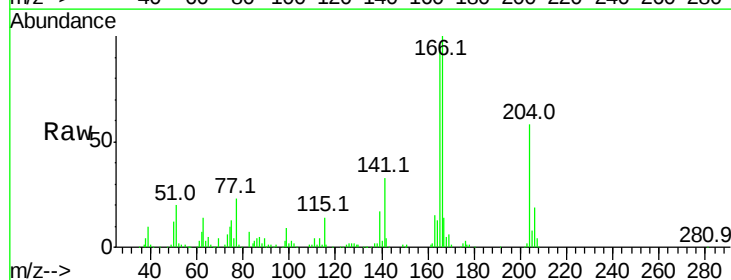
Tgt Ion:166 Resp: 364913

Ion Ratio Lower Upper

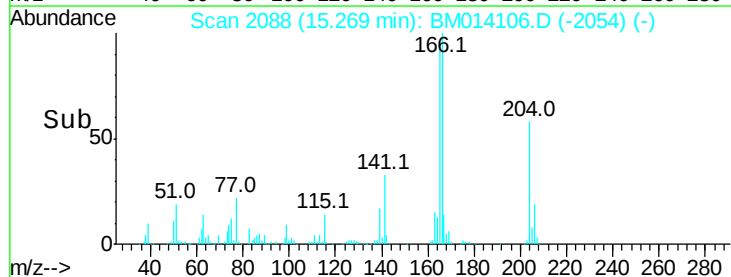
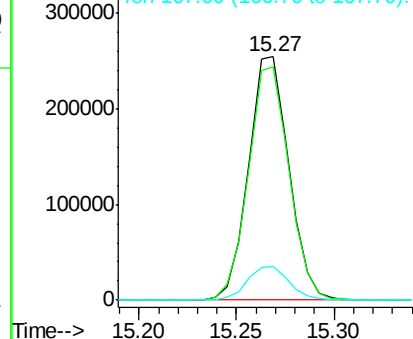
166 100

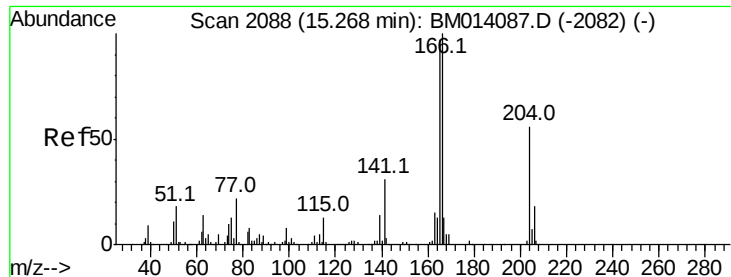
165 96.1 77.9 116.9

167 13.9 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

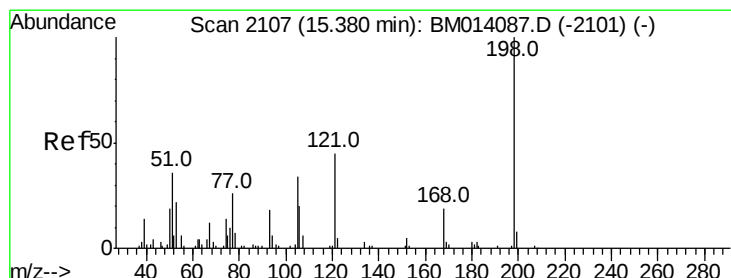
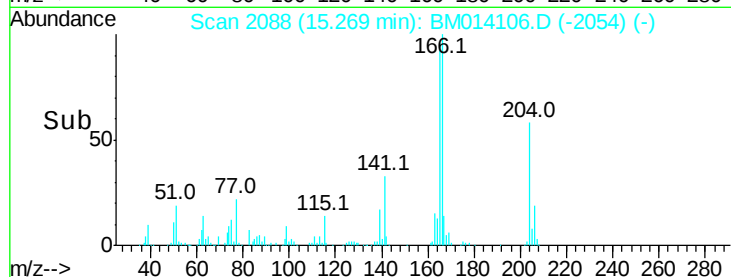
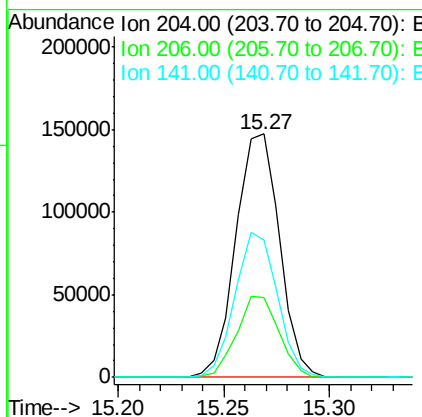
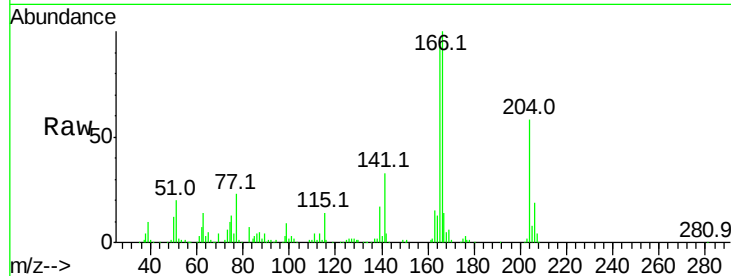




#59  
4-Chlorophenyl-phenylether  
Concen: 20.328 ng/ul  
RT: 15.27 min Scan# 2088  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

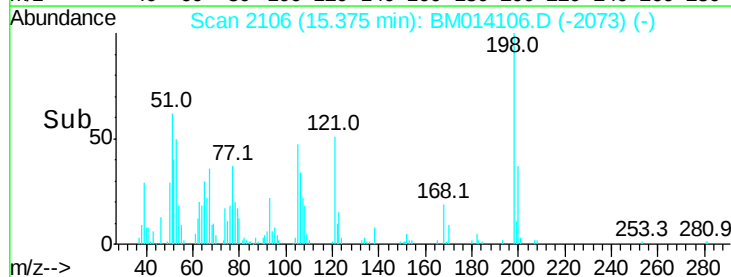
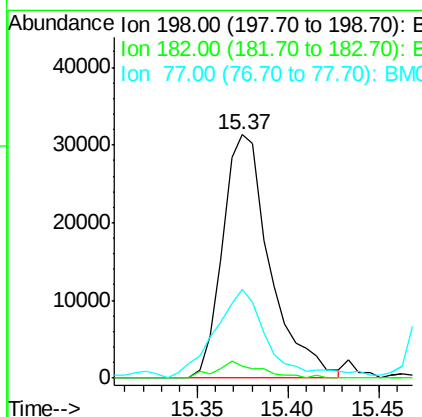
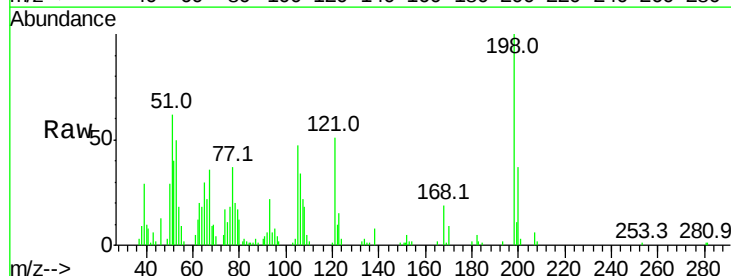
Instrument :  
BNA\_M  
ClientSampled :

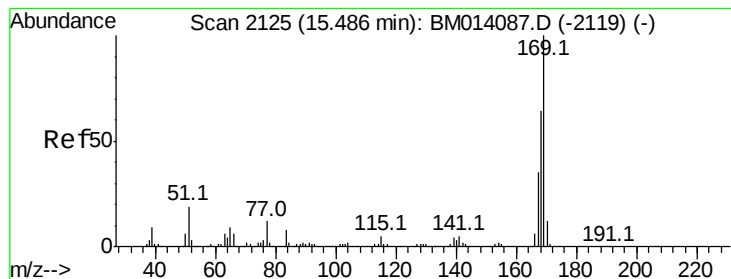
Tot Ion:204 Resp: 211971  
Ion Ratio Lower Upper  
204 100  
206 32.7 24.8 37.2  
141 56.7 44.3 66.5



#63  
4,6-Dinitro-2-methylphenol  
Concen: 16.200 ng/ul  
RT: 15.37 min Scan# 2106  
Delta R.T. -0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Tgt Ion:198 Resp: 56877  
Ion Ratio Lower Upper  
198 100  
182 4.7 3.8 5.6  
77 36.6 25.2 37.8





#64

N-Nitrosodiphenylamine

Concen: 19.091 ng/ul

RT: 15.49 min Scan# 2125

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

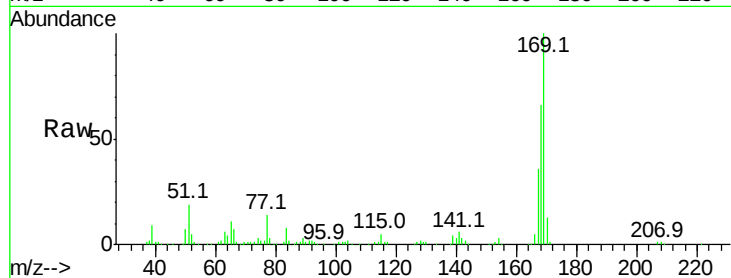
Tot Ion:169 Resp: 310788

Ion Ratio Lower Upper

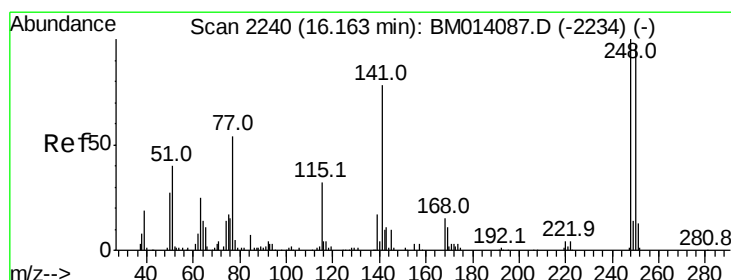
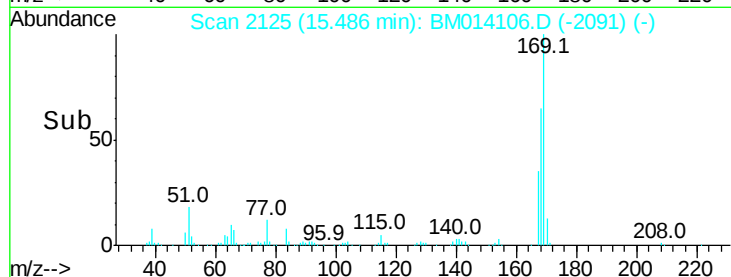
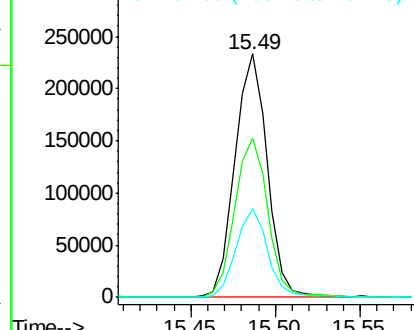
169 100

168 65.5 54.0 81.0

167 36.5 29.1 43.7



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



#65

4-Bromophenyl-phenylether

Concen: 18.821 ng/ul

RT: 16.16 min Scan# 2240

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

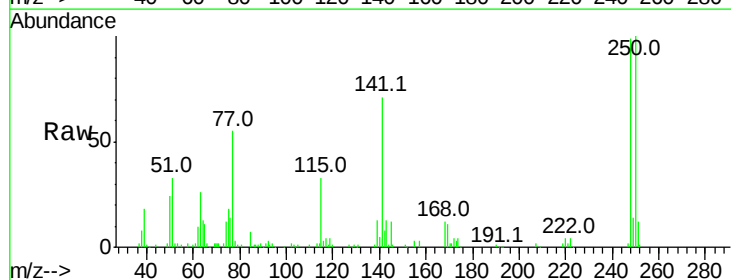
Tgt Ion:248 Resp: 132730

Ion Ratio Lower Upper

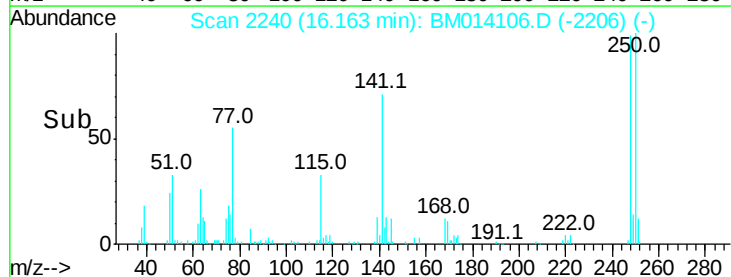
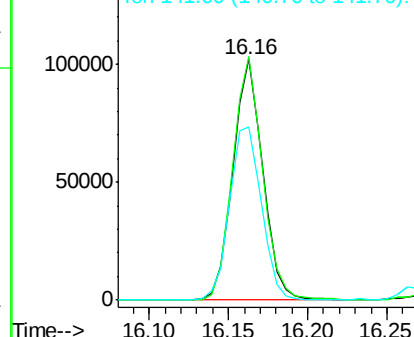
248 100

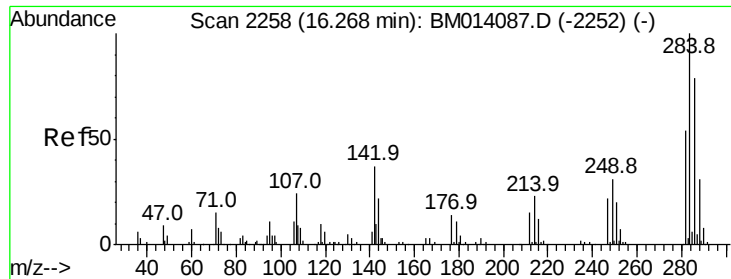
250 101.2 80.5 120.7

141 72.0 53.6 80.4



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: 19.620 ng/ul

RT: 16.27 min Scan# 2258

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

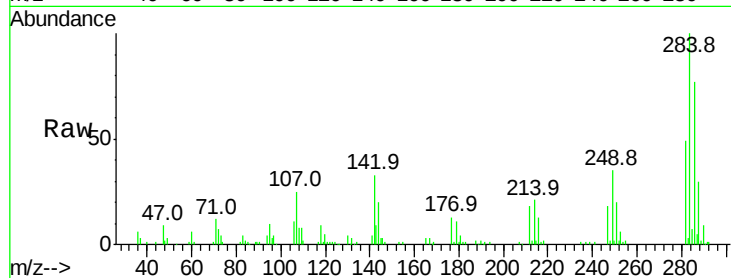
Tot Ion:284 Resp: 147223

Ion Ratio Lower Upper

284 100

142 33.3 21.2 31.8#

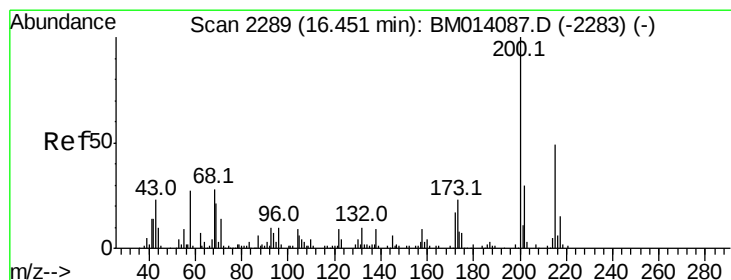
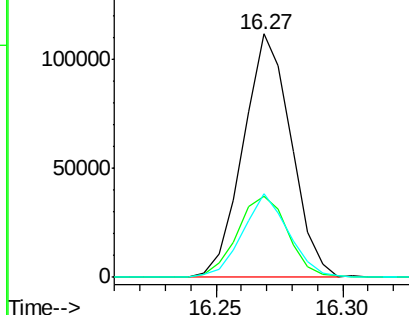
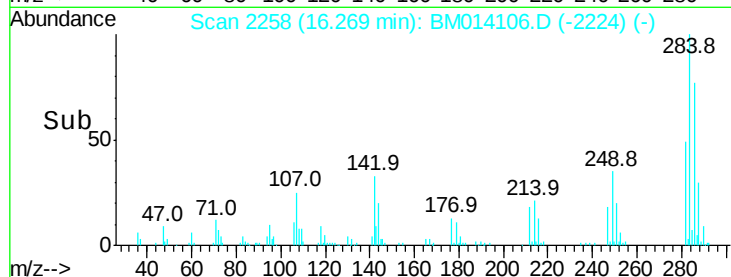
249 34.5 24.5 36.7



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: 19.569 ng/ul

RT: 16.45 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

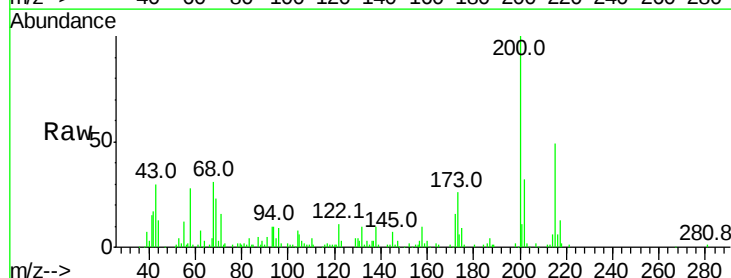
Tgt Ion:200 Resp: 127953

Ion Ratio Lower Upper

200 100

173 25.8 18.2 27.2

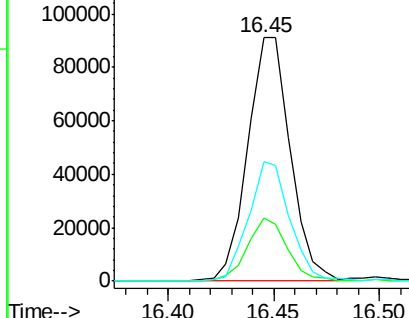
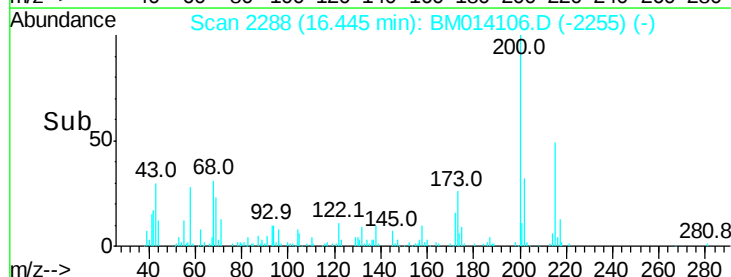
215 49.1 35.0 52.4

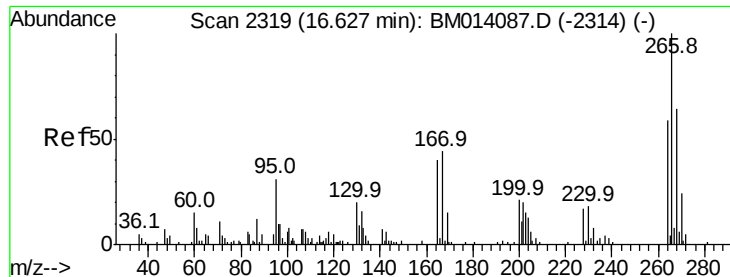


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

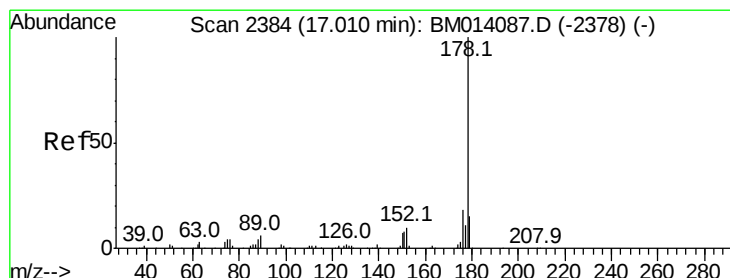
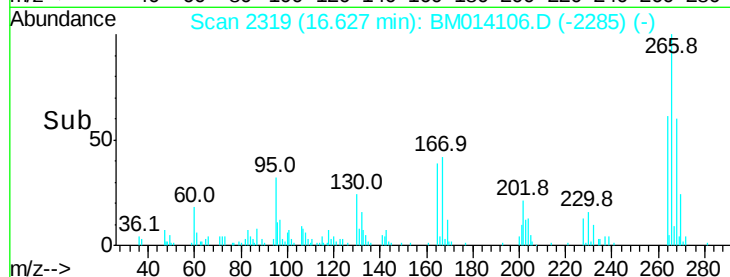
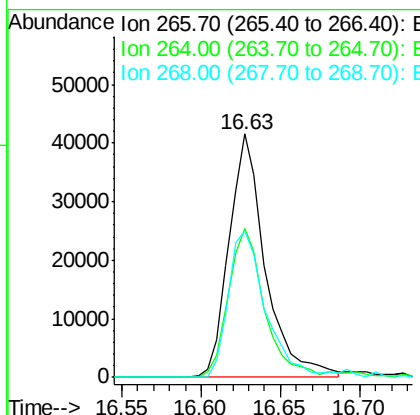
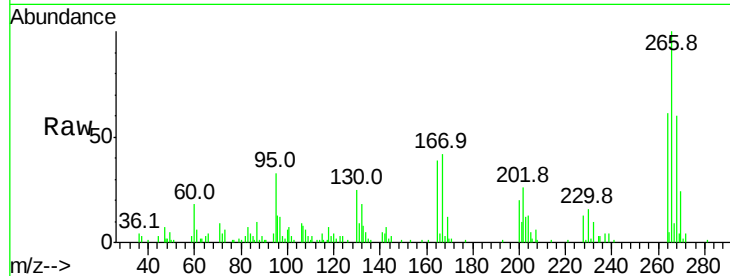




#68  
 Pentachlorophenol  
 Concen: 17.860 ng/ul  
 RT: 16.63 min Scan# 2319  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

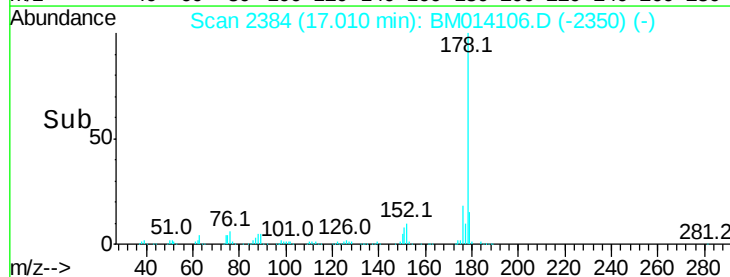
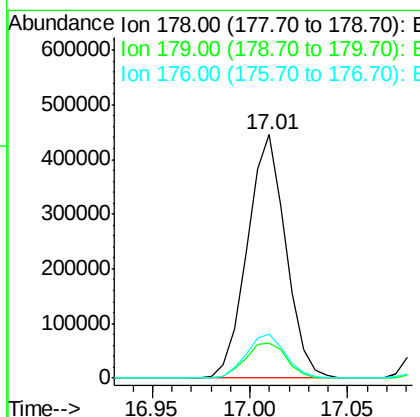
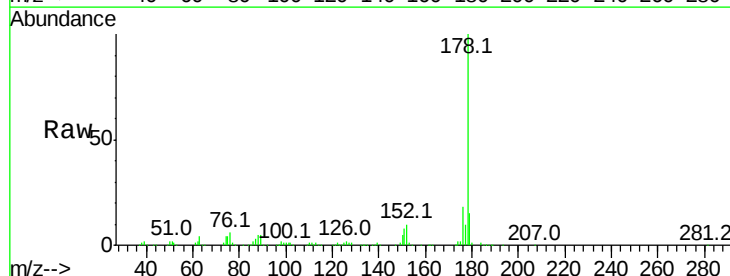
Instrument :  
 BNA\_M  
 ClientSampled :

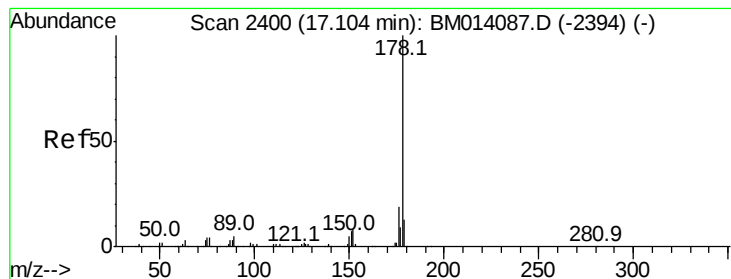
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 264     | 61.1  | 49.3  | 73.9  |
| 268     | 60.2  | 52.6  | 78.8  |



#69  
 Phenanthrene  
 Concen: 19.120 ng/ul  
 RT: 17.01 min Scan# 2384  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 179     | 14.5  | 12.6  | 19.0  |
| 176     | 17.8  | 14.9  | 22.3  |





#71

Anthracene

Concen: 19.430 ng/ul

RT: 17.10 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

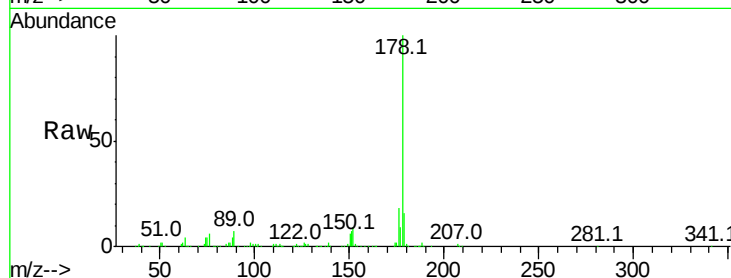
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 624508

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.9  | 11.7  | 17.5  |
| 176 | 17.7  | 14.6  | 21.8  |

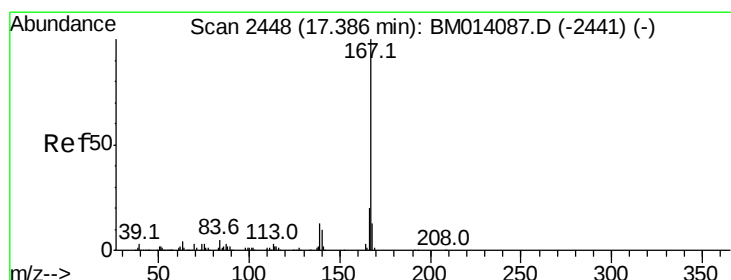
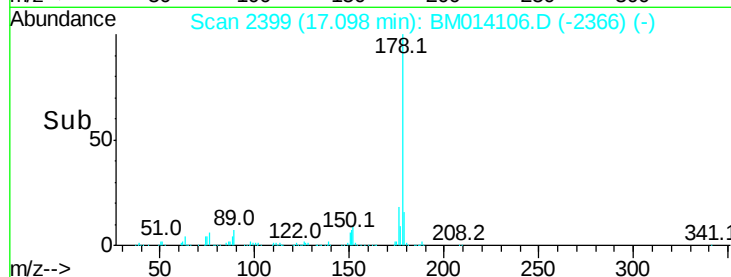
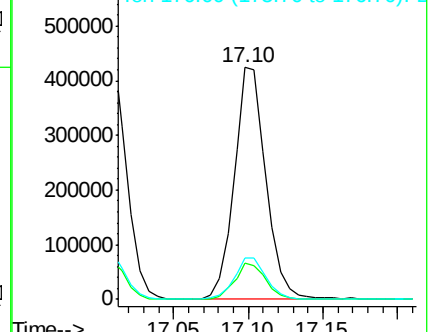


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 19.009 ng/ul

RT: 17.38 min Scan# 2447

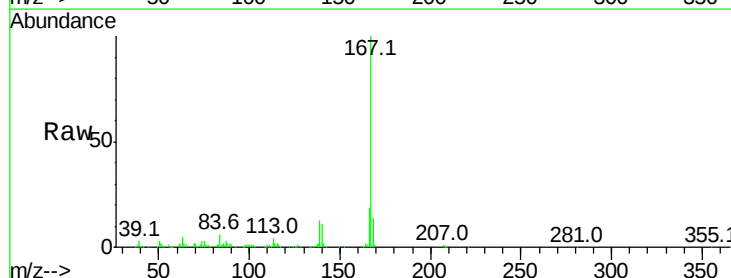
Delta R.T. -0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Tgt Ion:167 Resp: 498295

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 19.5  | 17.1  | 25.7  |
| 139 | 12.9  | 10.0  | 15.0  |

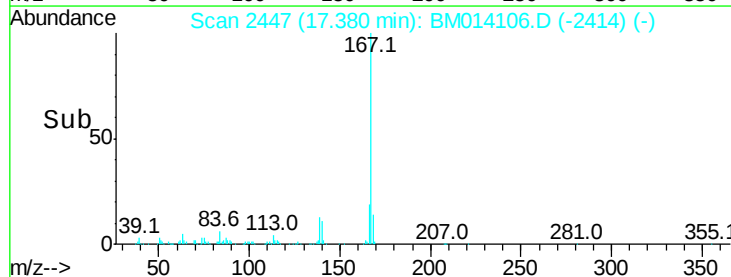
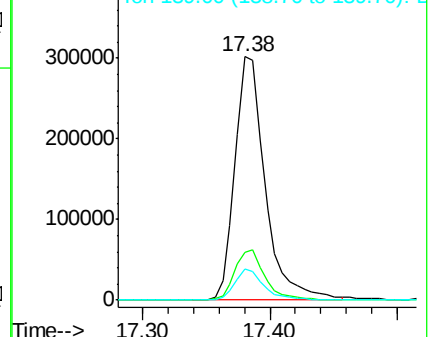


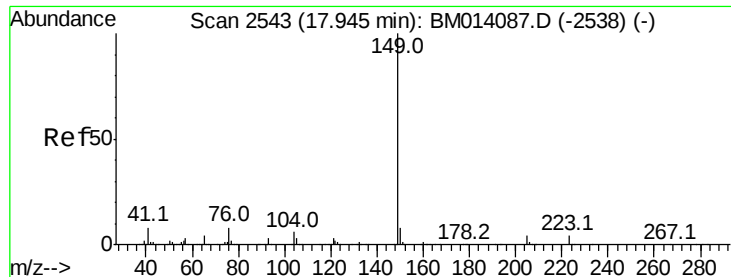
Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

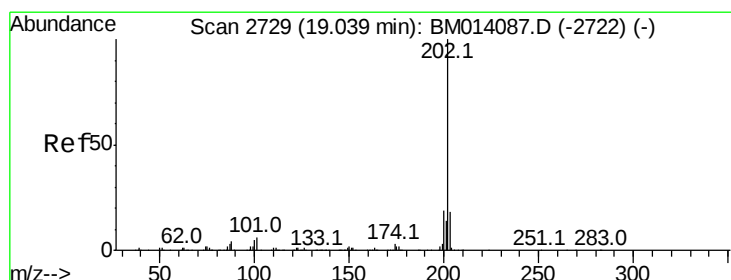
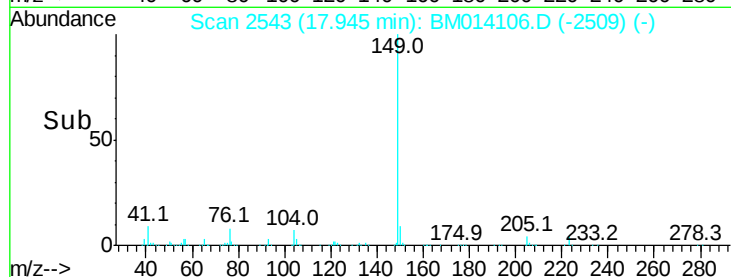
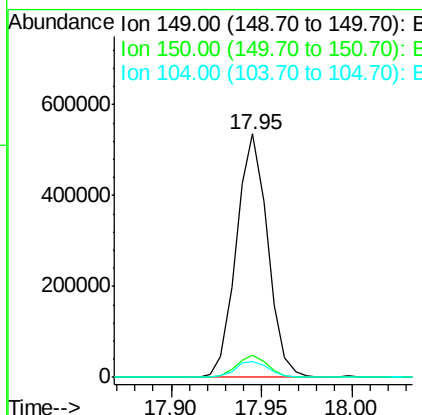
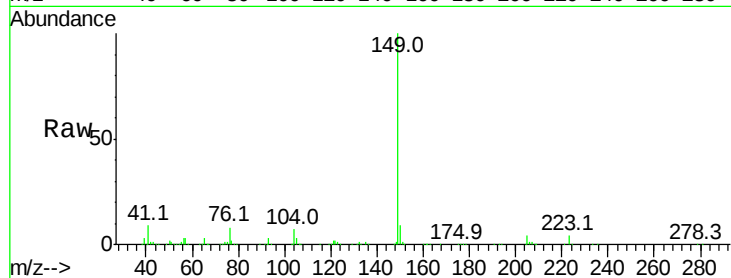




#73  
Di-n-butylphthalate  
Concen: 19.581 ng/ul  
RT: 17.95 min Scan# 2543  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

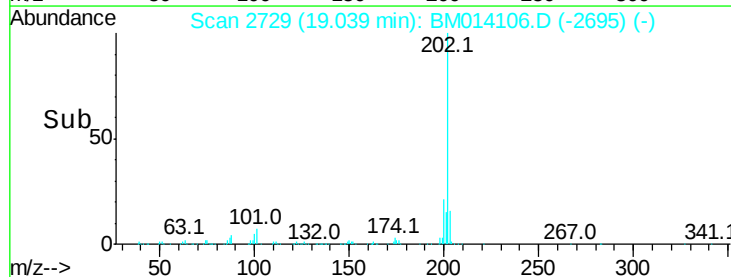
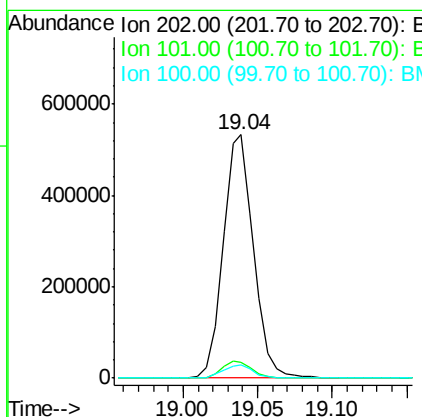
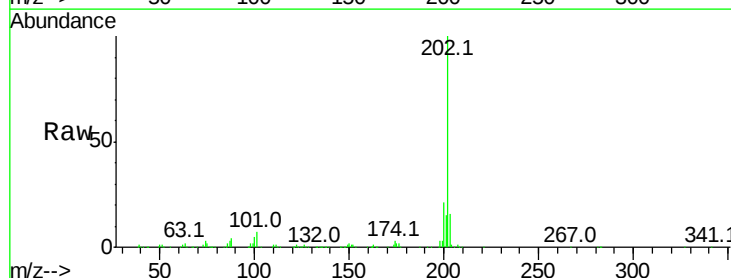
Instrument :  
BNA\_M  
ClientSampleId :

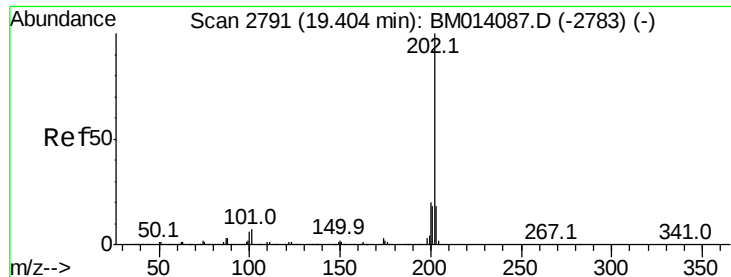
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 150     | 9.3   | 7.1   | 10.7  |
| 104     | 6.6   | 5.6   | 8.4   |



#74  
Fluoranthene  
Concen: 19.177 ng/ul  
RT: 19.04 min Scan# 2729  
Delta R.T. 0.00 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 6.7   | 4.6   | 7.0   |
| 100     | 5.3   | 3.4   | 5.2   |





#77

Pvrene

Concen: 19.623 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

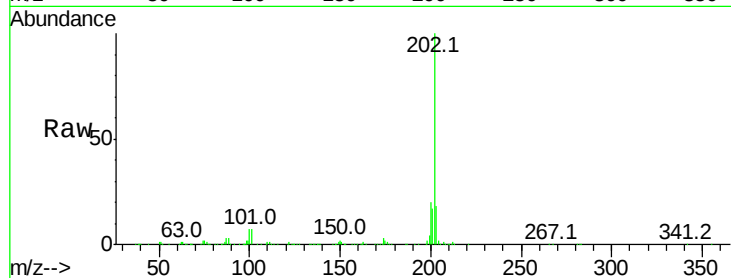
Tot Ion:202 Resp: 781993

Ion Ratio Lower Upper

202 100

101 7.5 5.1 7.7

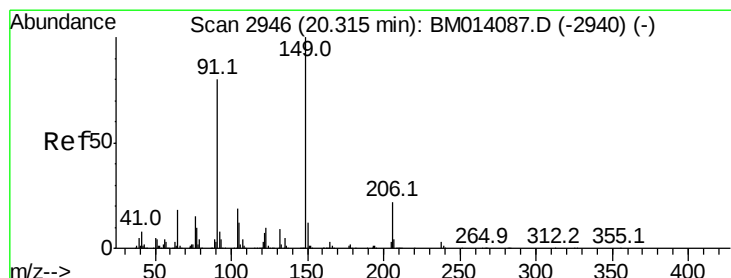
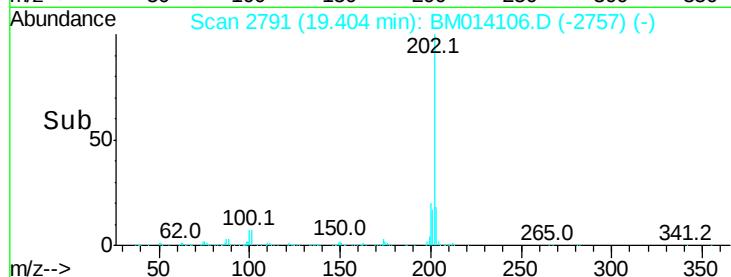
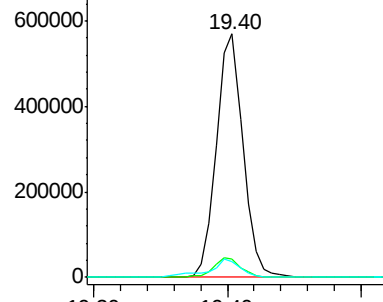
100 6.6 4.9 7.3



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: 18.776 ng/ul

RT: 20.32 min Scan# 2946

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

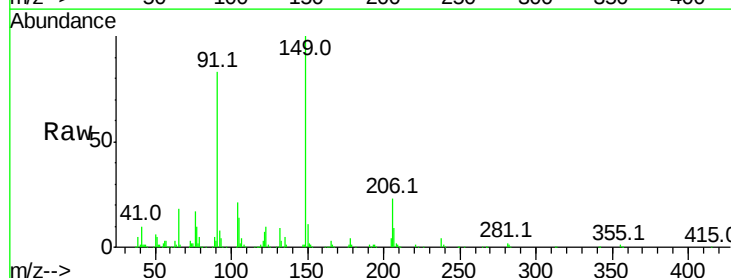
Tgt Ion:149 Resp: 294965

Ion Ratio Lower Upper

149 100

91 82.8 62.7 94.1

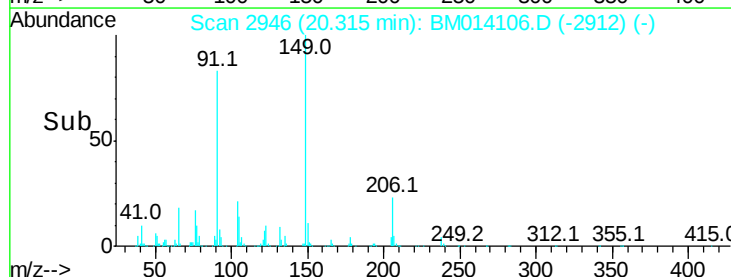
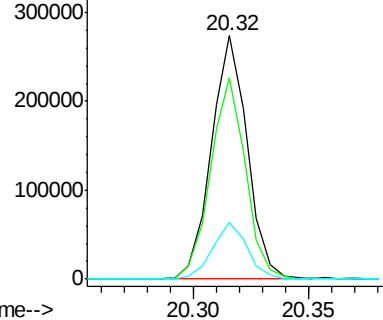
206 23.0 20.8 31.2

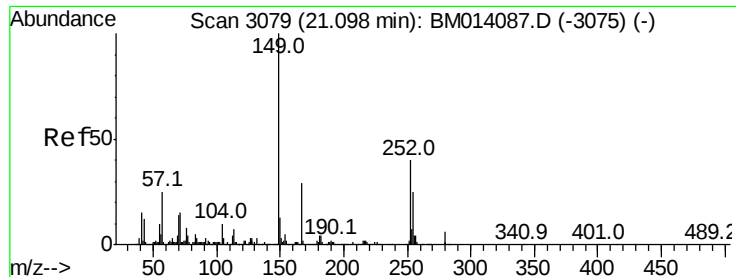


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#79

3,3'-Dichlorobenzidine

Concen: 19.095 ng/ul

RT: 21.10 min Scan# 3079

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

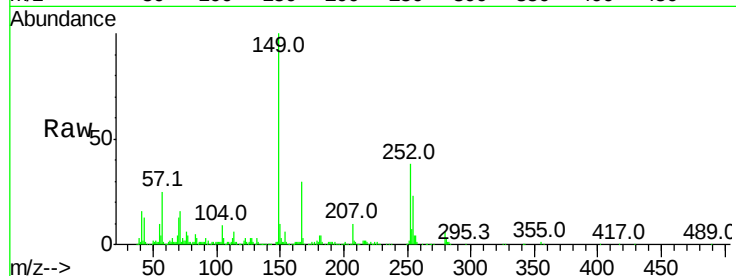
Tot Ion:252 Resp: 198719

Ion Ratio Lower Upper

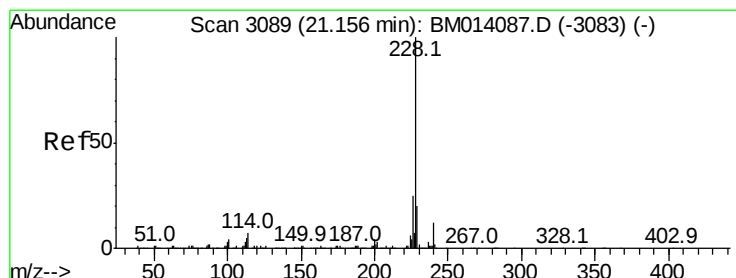
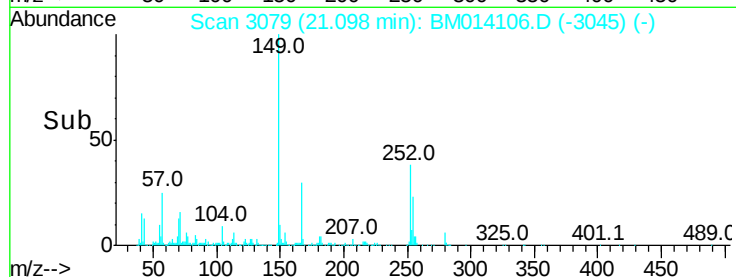
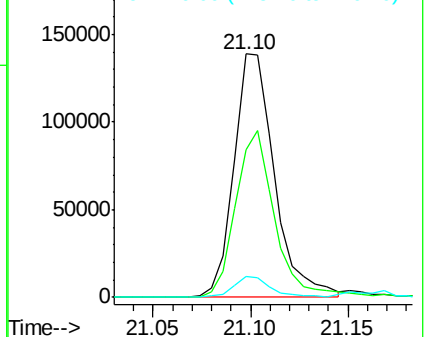
252 100

254 60.7 54.5 81.7

126 8.6 5.8 8.8



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



#80

Benzo(a)anthracene

Concen: 19.302 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

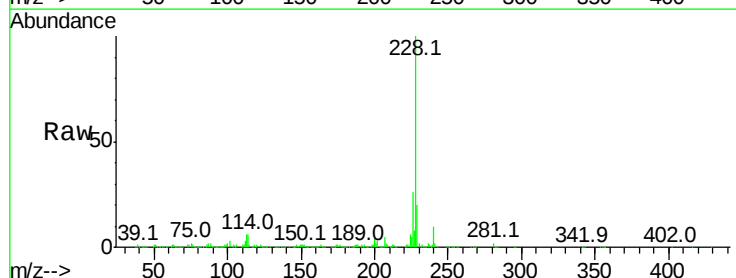
Tgt Ion:228 Resp: 802970

Ion Ratio Lower Upper

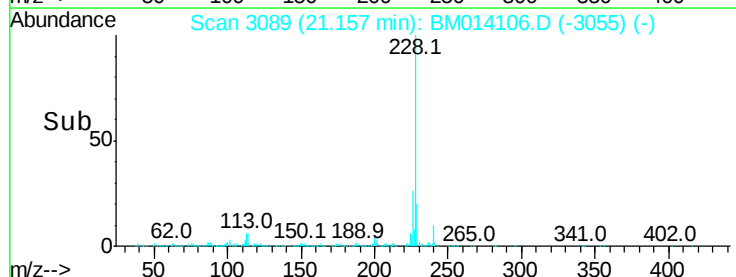
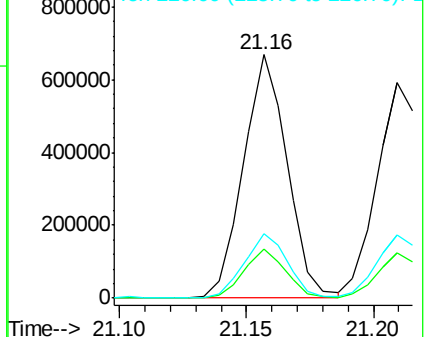
228 100

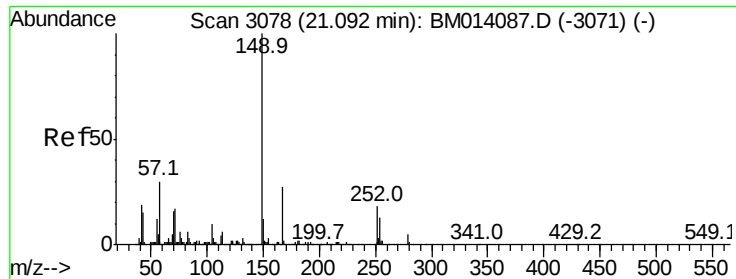
229 19.9 15.4 23.0

226 26.5 21.4 32.0



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

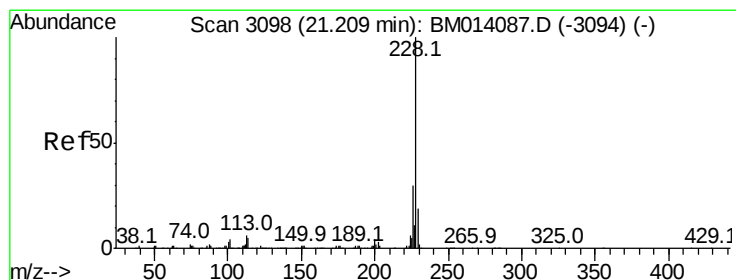
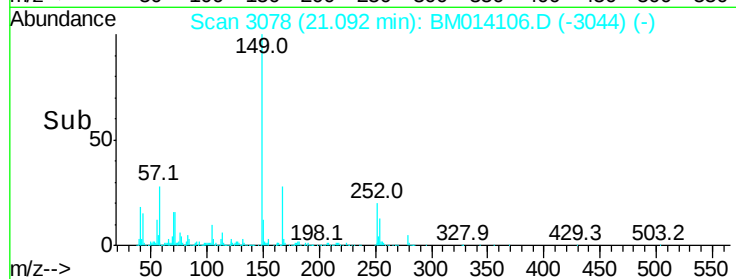
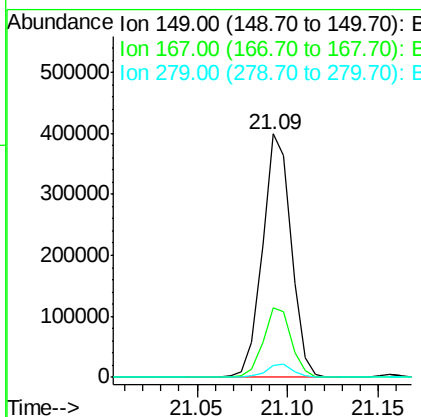
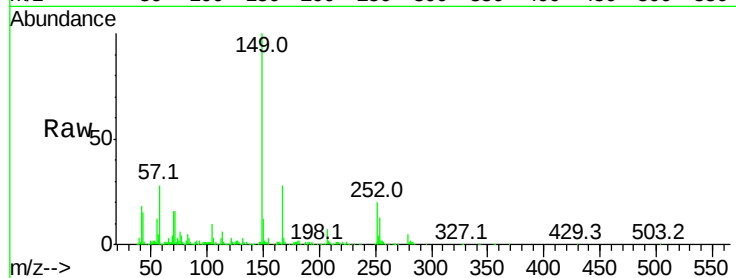




#81  
 Bis(2-ethylhexyl)phthalate  
 Concen: 19.040 ng/ul  
 RT: 21.09 min Scan# 3078  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

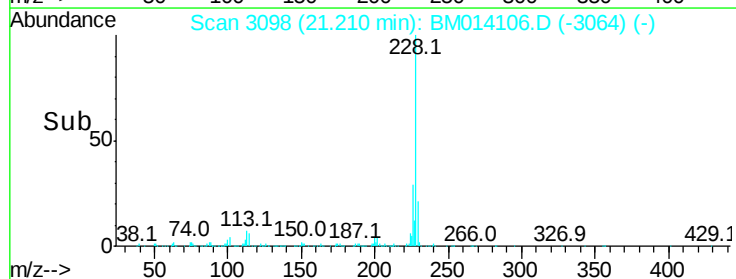
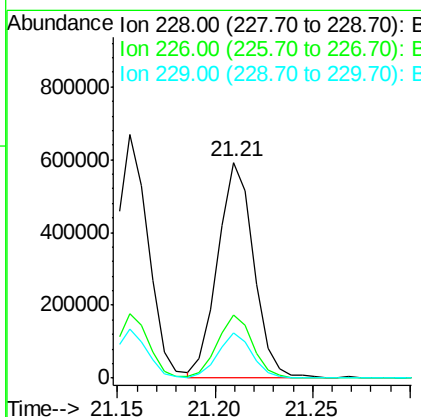
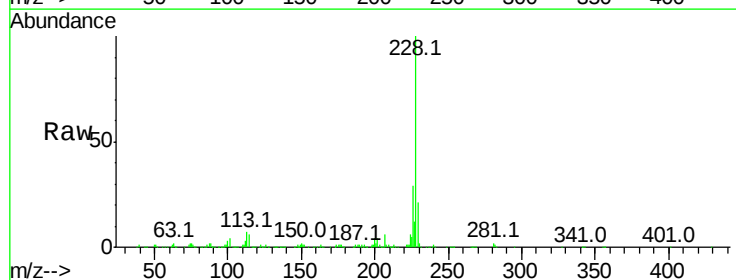
Instrument :  
 BNA\_M  
 ClientSampleId :

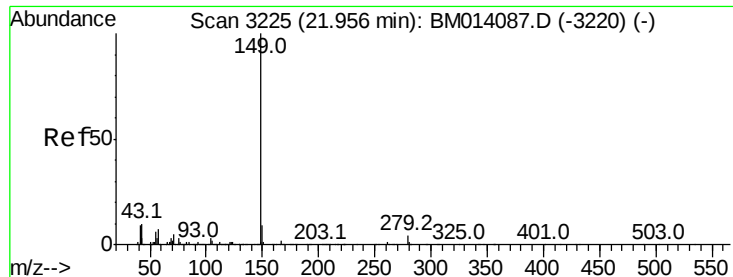
Tot Ion:149 Resp: 436096  
 Ion Ratio Lower Upper  
 149 100  
 167 28.4 22.8 34.2  
 279 4.8 4.9 7.3#



#82  
 Chrysene  
 Concen: 19.262 ng/ul  
 RT: 21.21 min Scan# 3098  
 Delta R.T. 0.00 min  
 Lab File: BM014106.D  
 Acq: 02 Feb 2018 10:46

Tgt Ion:228 Resp: 753211  
 Ion Ratio Lower Upper  
 228 100  
 226 28.9 23.4 35.2  
 229 20.7 15.5 23.3





#84

Di-n-octyl phthalate

Concen: 18.156 ng/ul

RT: 21.96 min Scan# 3226

Delta R.T. 0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

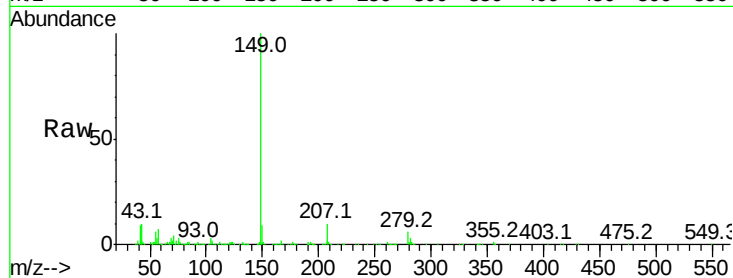
Tot Ion:149 Resp: 728491

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 10.2 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): E

21.96

800000

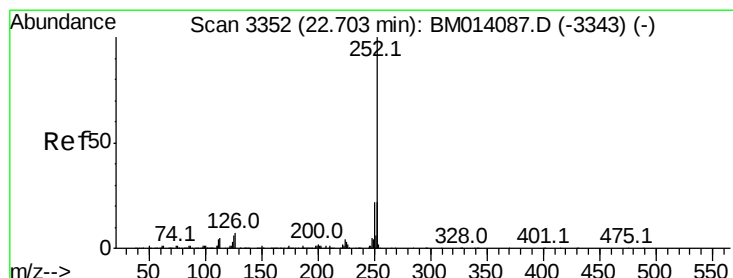
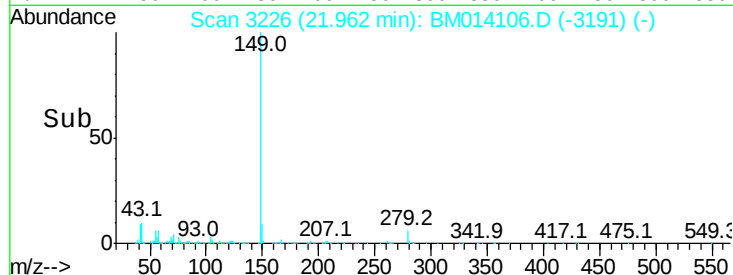
600000

400000

200000

0

Time--> 21.90 21.95 22.00



#85

Benzo(b)fluoranthene

Concen: 20.024 ng/ul

RT: 22.70 min Scan# 3352

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

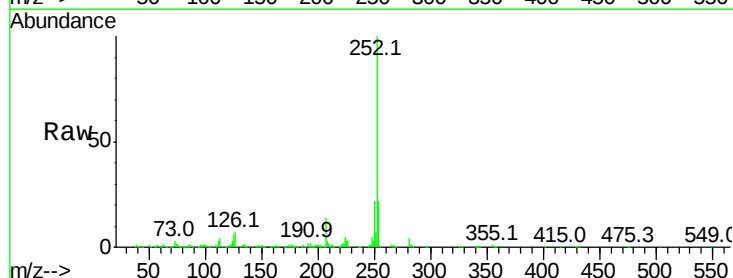
Tgt Ion:252 Resp: 796478

Ion Ratio Lower Upper

252 100

253 21.6 17.9 26.9

125 6.3 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

22.70

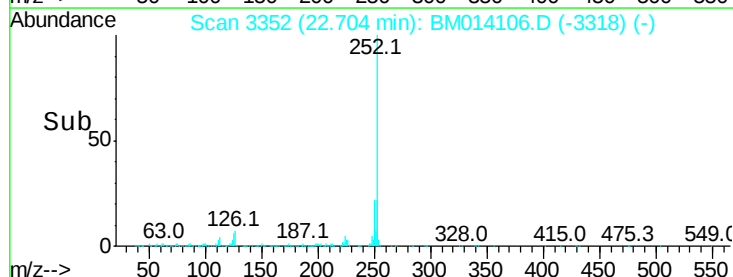
600000

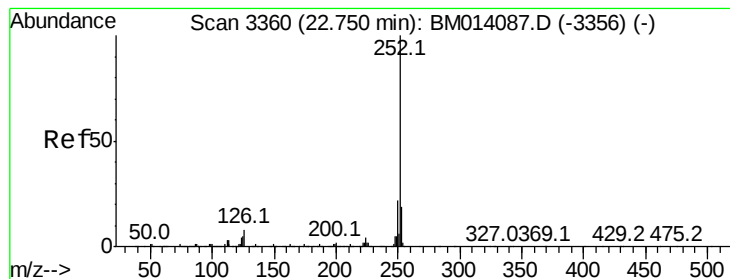
400000

200000

0

Time--> 22.65 22.70 22.75





#86

Benzo(k)fluoranthene

Concen: 19.294 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.00 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

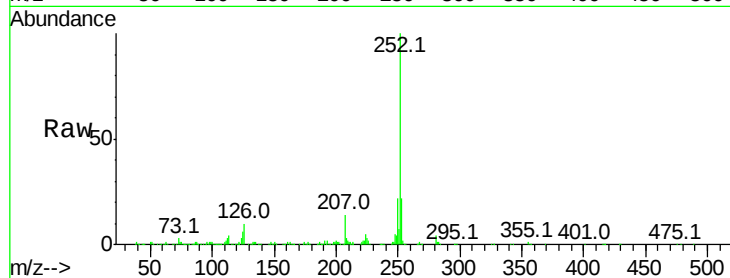
Tot Ion:252 Resp: 754455

Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

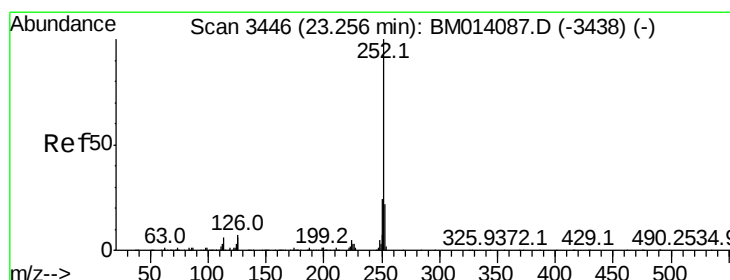
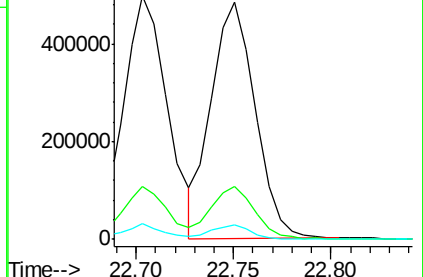
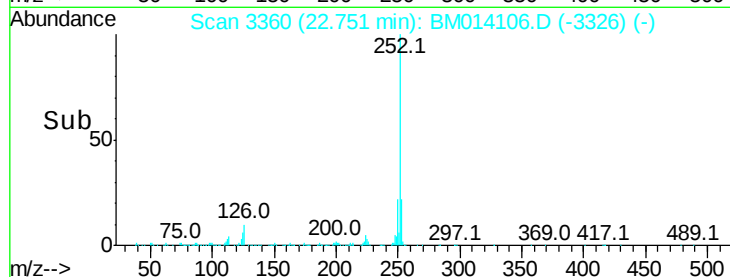
125 6.0 3.4 5.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(a)pyrene

Concen: 19.658 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. 0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

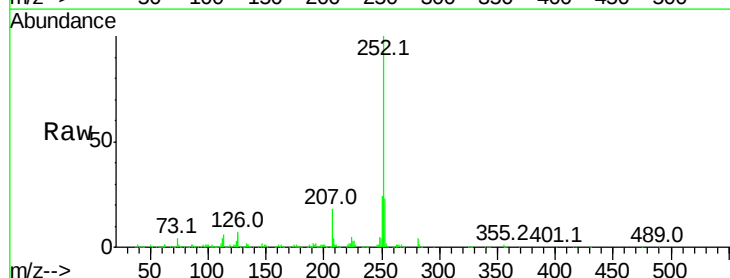
Tgt Ion:252 Resp: 736866

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

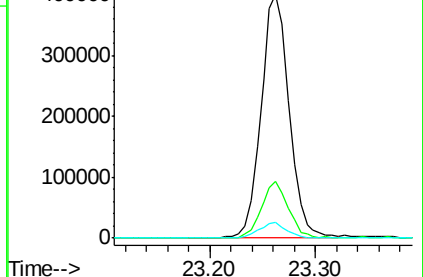
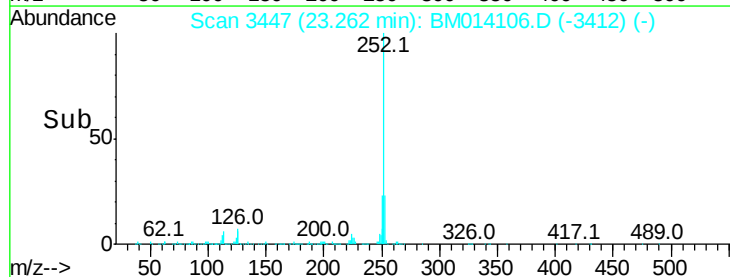
125 6.4 4.0 6.0#

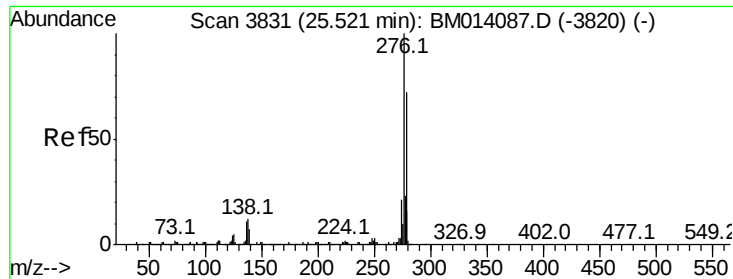


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



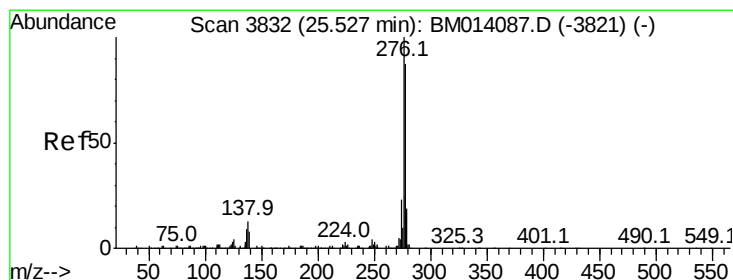
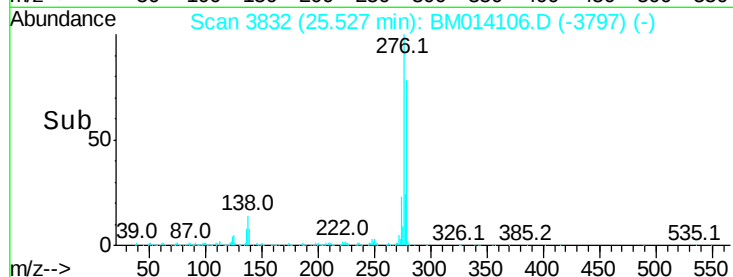
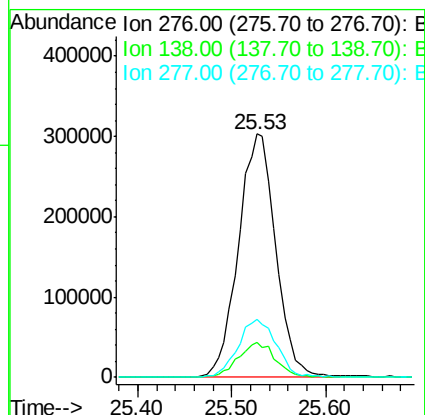
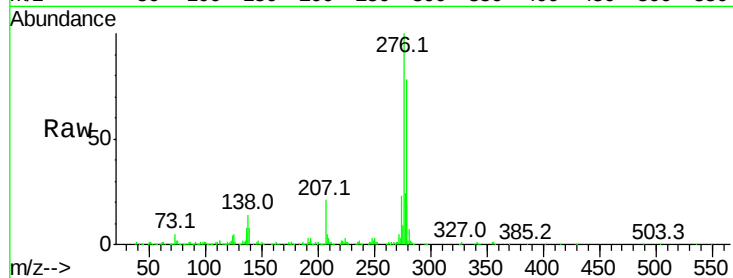


#89

Indeno(1,2,3-cd)pyrene  
Concen: 20.297 ng/uL  
RT: 25.53 min Scan# 3832  
Delta R.T. 0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

Instrument :  
BNA\_M  
ClientSampleId :

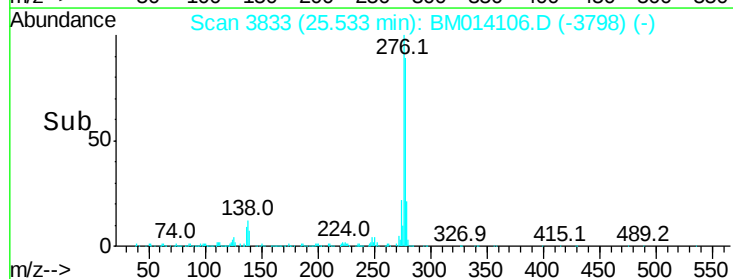
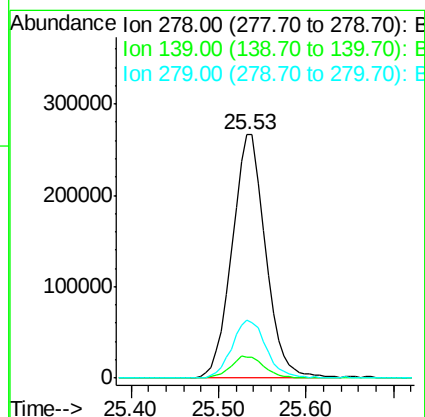
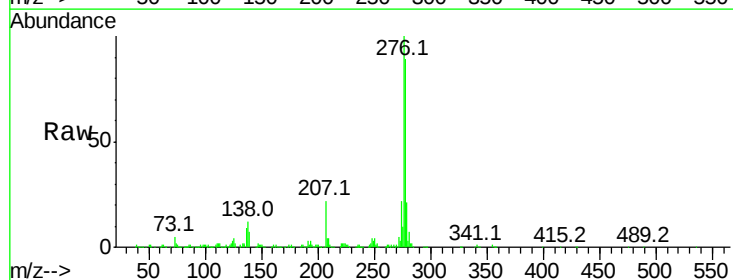
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 14.4  | 9.3   | 13.9# |
| 277     | 23.7  | 19.9  | 29.9  |

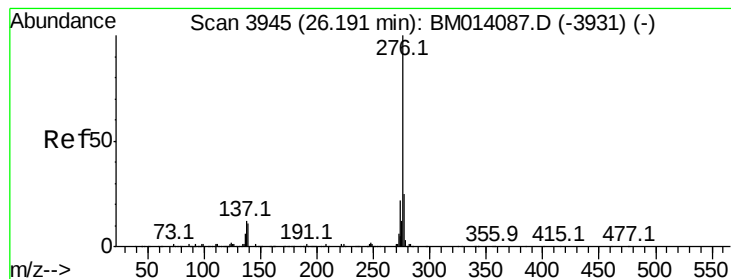


#90

Dibenzo(a,h)anthracene  
Concen: 19.938 ng/uL  
RT: 25.53 min Scan# 3833  
Delta R.T. 0.01 min  
Lab File: BM014106.D  
Acq: 02 Feb 2018 10:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 8.4   | 5.8   | 8.8   |
| 279     | 23.7  | 18.6  | 27.8  |





#91

Benzo(a,h,i)perylene

Concen: 19.818 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. 0.01 min

Lab File: BM014106.D

Acq: 02 Feb 2018 10:46

Instrument :

BNA\_M

ClientSampleId :

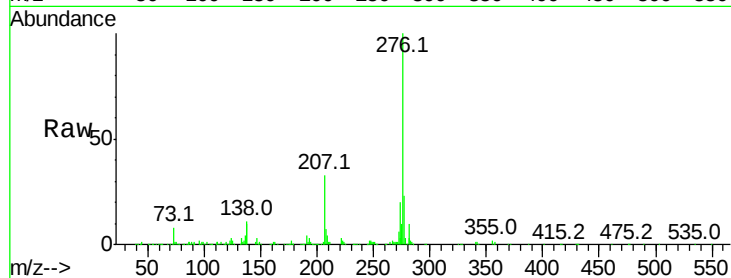
Tot Ion:276 Resp: 673033

Ion Ratio Lower Upper

276 100

138 11.3 8.5 12.7

277 22.8 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

