

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\  
 Data File : BM012607.D  
 Acq On : 31 Oct 2017 17:36  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 01 05:20:41 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 31 04:46:13 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.85  | 152  | 379654   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.65 | 136  | 1497306  | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.49 | 164  | 894828   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.23 | 188  | 2004112  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.40 | 240  | 2274817  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.70 | 264  | 2549004  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.34  | 96  | 60232   | 8.10  | ng/uL | -0.01 |
| 5) Phenol-d5                   | 7.02  | 99  | 592772  | 18.69 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.19  | 67  | 344426  | 18.29 | ng/ul | 0.00  |
| 9) 2-Chlorophenol-d4           | 7.39  | 132 | 470467  | 19.80 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.56  | 113 | 489401  | 18.05 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.01  | 128 | 226378  | 24.14 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.73  | 143 | 261691  | 27.09 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.27 | 165 | 514491  | 20.10 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.78 | 131 | 588980  | 21.83 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.89 | 166 | 1396506 | 17.86 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.18 | 160 | 1782127 | 19.27 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.69 | 143 | 242102  | 20.83 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.48 | 176 | 1183331 | 17.88 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.61 | 200 | 214585  | 22.12 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.33 | 188 | 1847803 | 19.35 | ng/ul | 0.00  |
| 76) Pyrene-d10                 | 19.62 | 212 | 2019556 | 19.35 | ng/ul | 0.00  |
| 87) Benzo(a)pyrene-d12         | 23.56 | 264 | 2291544 | 18.92 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |         |              | Ovalue |
|--------------------------------|-------|-----|---------|--------------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88  | 66635   | 8.39 ng/uL#  | 65     |
| 4) Benzaldehyde                | 7.00  | 77  | 397039  | 23.02 ng/ul  | 89     |
| 6) Phenol                      | 7.05  | 94  | 615019  | 18.62 ng/ul# | 80     |
| 8) Bis(2-Chloroethyl)ether     | 7.27  | 93  | 454658  | 18.72 ng/ul  | 96     |
| 10) 2-Chlorophenol             | 7.42  | 128 | 484391  | 19.93 ng/ul  | 98     |
| 11) 2-Methylphenol             | 8.30  | 108 | 447260  | 17.96 ng/ul  | 100    |
| 12) 2,2'-oxybis(1-Chloropropan | 8.39  | 45  | 493215  | 18.48 ng/ul# | 82     |
| 14) Acetophenone               | 8.67  | 105 | 743923  | 17.47 ng/ul  | 87     |
| 15) N-Nitroso-di-n-propylamine | 8.66  | 70  | 391567  | 16.85 ng/ul# | 62     |
| 16) 4-Methylphenol             | 8.62  | 108 | 487634  | 17.89 ng/ul  | 92     |
| 17) Hexachloroethane           | 8.93  | 117 | 194696  | 18.90 ng/ul  | 89     |
| 20) Nitrobenzene               | 9.05  | 77  | 564372  | 20.89 ng/ul  | 93     |
| 21) Isophorone                 | 9.58  | 82  | 1024350 | 17.92 ng/ul# | 93     |
| 23) 2-Nitrophenol              | 9.76  | 139 | 276201  | 25.73 ng/ul# | 77     |
| 24) 2,4-Dimethylphenol         | 9.82  | 107 | 558276  | 18.49 ng/ul# | 87     |
| 25) Bis(2-Chloroethoxy)methane | 10.06 | 93  | 610244  | 18.99 ng/ul  | 95     |
| 27) 2,4-Dichlorophenol         | 10.30 | 162 | 491655  | 19.69 ng/ul# | 92     |
| 28) Naphthalene                | 10.70 | 128 | 1440677 | 19.41 ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.80 | 127 | 582552  | 21.44 ng/ul  | 94     |
| 31) Hexachlorobutadiene        | 10.98 | 225 | 348779  | 18.21 ng/ul  | 93     |
| 32) Caprolactam                | 11.58 | 113 | 155299  | 19.21 ng/ul# | 39     |
| 33) 4-Chloro-3-methylphenol    | 11.93 | 107 | 507436  | 18.09 ng/ul  | 96     |
| 34) 2-Methylnaphthalene        | 12.30 | 142 | 1085959 | 18.01 ng/ul  | 98     |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103117\  
 Data File : BM012607.D  
 Acq On : 31 Oct 2017 17:36  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

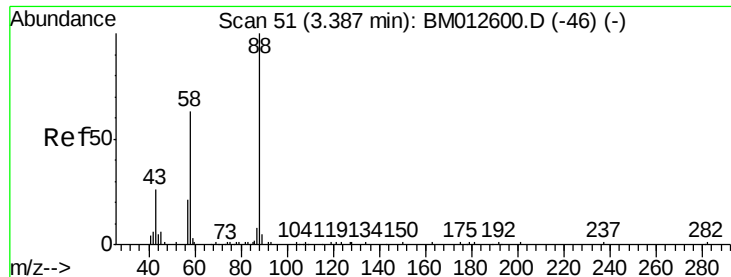
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Nov 01 05:20:41 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Tue Oct 31 04:46:13 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.68 | 216  | 630010   | 19.88 | ng/ul  | 98       |
| 37) Hexachlorocyclopentadiene  | 12.66 | 237  | 255759   | 12.50 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.92 | 196  | 421044   | 22.19 | ng/ul  | 97       |
| 39) 2,4,5-Trichlorophenol      | 12.99 | 196  | 437043   | 21.73 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.32 | 154  | 1410250  | 19.75 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.36 | 162  | 1116026  | 19.93 | ng/ul  | 99       |
| 42) 2-Nitroaniline             | 13.56 | 65   | 329565   | 25.31 | ng/ul  | 93       |
| 44) Dimethylphthalate          | 13.94 | 163  | 1388867  | 17.96 | ng/ul  | 98       |
| 45) 2,6-Dinitrotoluene         | 14.06 | 165  | 291265   | 23.70 | ng/ul  | 91       |
| 47) Acenaphthylene             | 14.21 | 152  | 1729819  | 19.60 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.39 | 138  | 284904   | 24.74 | ng/ul  | 88       |
| 49) Acenaphthene               | 14.55 | 153  | 1154536  | 19.10 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.60 | 184  | 123900   | 17.96 | ng/ul  | 96       |
| 52) 4-Nitrophenol              | 14.70 | 109  | 207783   | 17.62 | ng/ul  | 84       |
| 53) Dibenzofuran               | 14.89 | 168  | 1674391  | 18.72 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.86 | 165  | 413587   | 22.47 | ng/ul# | 78       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.12 | 232  | 390416   | 20.97 | ng/ul  | 97       |
| 56) Diethylphthalate           | 15.31 | 149  | 1386120  | 17.58 | ng/ul  | 96       |
| 58) Fluorene                   | 15.53 | 166  | 1371832  | 18.13 | ng/ul  | 99       |
| 59) 4-Chlorophenyl-phenylether | 15.53 | 204  | 718215   | 17.45 | ng/ul  | 99       |
| 60) 4-Nitroaniline             | 15.55 | 138  | 303949   | 21.06 | ng/ul  | 91       |
| 63) 4,6-Dinitro-2-methylphenol | 15.62 | 198  | 234000   | 21.94 | ng/ul# | 87       |
| 64) N-Nitrosodiphenylamine     | 15.74 | 169  | 1160669  | 19.93 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.42 | 248  | 468107   | 19.50 | ng/ul  | 98       |
| 66) Hexachlorobenzene          | 16.54 | 284  | 523322   | 19.71 | ng/ul  | 95       |
| 67) Atrazine                   | 16.69 | 200  | 456724   | 18.24 | ng/ul  | 93       |
| 68) Pentachlorophenol          | 16.89 | 266  | 308310   | 21.23 | ng/ul  | 97       |
| 69) Phenanthrene               | 17.27 | 178  | 2091208  | 19.30 | ng/ul  | 99       |
| 71) Anthracene                 | 17.36 | 178  | 2210023  | 19.73 | ng/ul  | 99       |
| 72) Carbazole                  | 17.63 | 167  | 1862993  | 20.08 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.19 | 149  | 2204197  | 18.63 | ng/ul# | 97       |
| 74) Fluoranthene               | 19.29 | 202  | 2516550  | 20.49 | ng/ul# | 93       |
| 77) Pyrene                     | 19.64 | 202  | 2592423  | 20.04 | ng/ul# | 90       |
| 78) Butylbenzylphthalate       | 20.54 | 149  | 998301   | 19.59 | ng/ul  | 89       |
| 79) 3,3'-Dichlorobenzidine     | 21.32 | 252  | 937752   | 18.78 | ng/ul# | 97       |
| 80) Benzo(a)anthracene         | 21.39 | 228  | 2665581  | 19.57 | ng/ul  | 98       |
| 81) Bis(2-ethylhexyl)phthalate | 21.32 | 149  | 1491873  | 19.24 | ng/ul  | 99       |
| 82) Chrysene                   | 21.44 | 228  | 2393086  | 19.76 | ng/ul  | 100      |
| 84) Di-n-octyl phthalate       | 22.21 | 149  | 2514064  | 19.01 | ng/ul  | 99       |
| 85) Benzo(b)fluoranthene       | 23.01 | 252  | 2978784  | 18.90 | ng/ul# | 98       |
| 86) Benzo(k)fluoranthene       | 23.06 | 252  | 2723803  | 18.37 | ng/ul# | 98       |
| 88) Benzo(a)pyrene             | 23.60 | 252  | 2826571  | 18.81 | ng/ul# | 97       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.04 | 276  | 3555260  | 20.11 | ng/ul# | 94       |
| 90) Dibenzo(a,h)anthracene     | 26.05 | 278  | 2994619  | 19.98 | ng/ul# | 96       |
| 91) Benzo(g,h,i)perylene       | 26.76 | 276  | 2933265  | 20.47 | ng/ul# | 96       |

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





#2

1,4-Dioxane

Concen: 8.39 ng/uL

RT: 3.38 min Scan# 49

Delta R.T. -0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

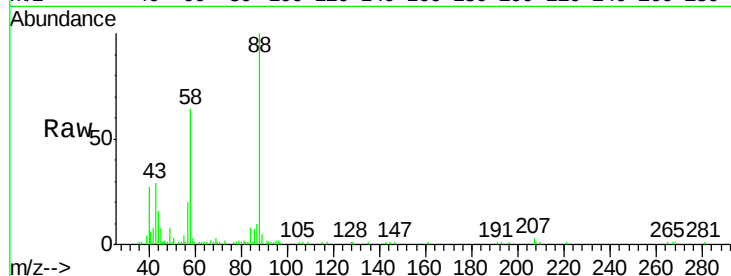
Tot Ion: 88 Resp: 66635

Ion Ratio Lower Upper

88 100

43 31.3 48.0 72.0#

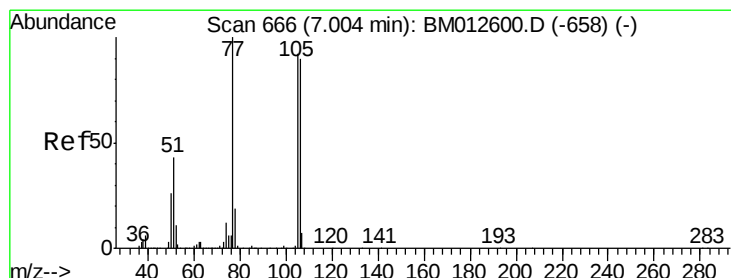
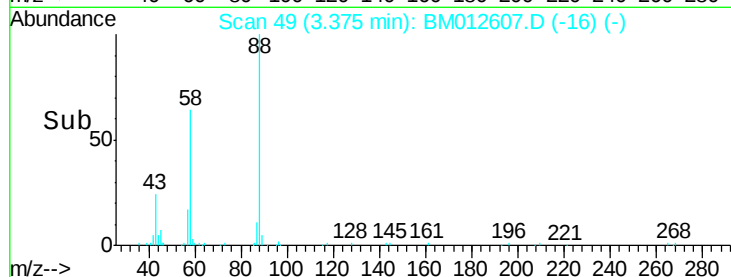
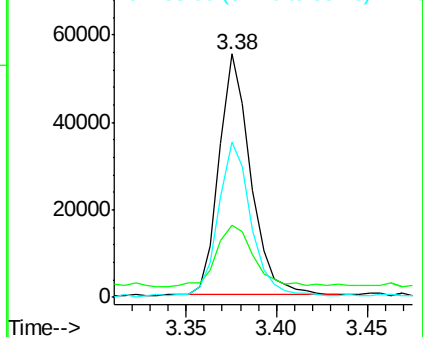
58 66.9 80.0 120.0#



Abundance Ion 88.00 (87.70 to 88.70): BM012607.D (-46) (-)

Ion 43.00 (42.70 to 43.70): BM012607.D (-46) (-)

Ion 58.00 (57.70 to 58.70): BM012607.D (-46) (-)



#4

Benzaldehyde

Concen: 23.02 ng/uL

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

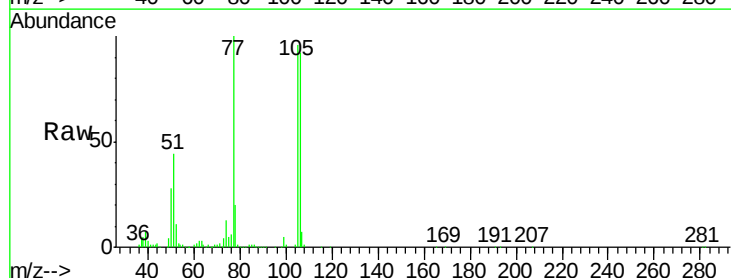
Tgt Ion: 77 Resp: 397039

Ion Ratio Lower Upper

77 100

105 96.1 66.1 99.1

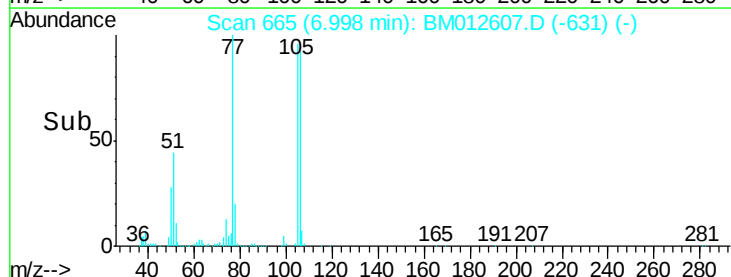
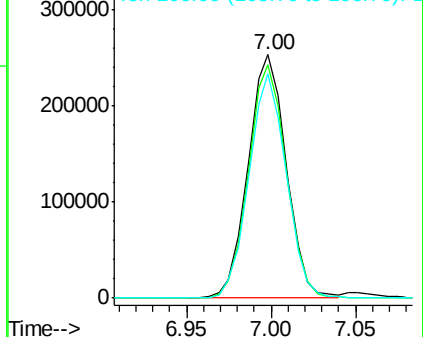
106 91.9 67.8 101.6

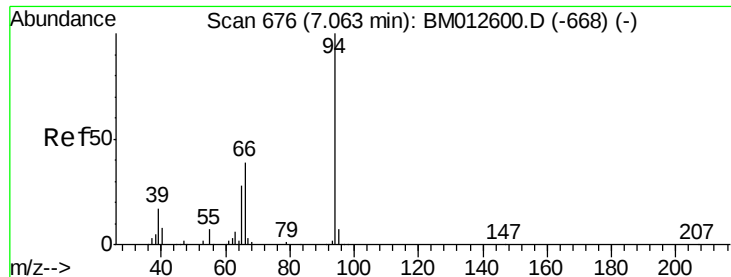


Abundance Ion 77.00 (76.70 to 77.70): BM012607.D (-658) (-)

Ion 105.00 (104.70 to 105.70): BM012607.D (-658) (-)

Ion 106.00 (105.70 to 106.70): BM012607.D (-658) (-)





#6

Phenol

Concen: 18.62 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampled :

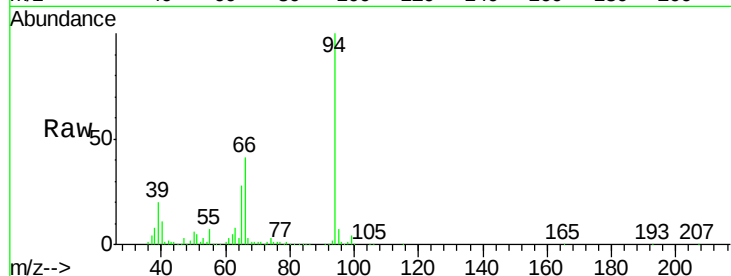
Tot Ion: 94 Resp: 615019

Ion Ratio Lower Upper

94 100

65 28.5 28.2 42.4

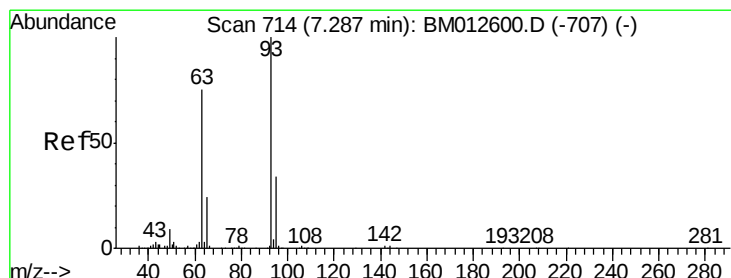
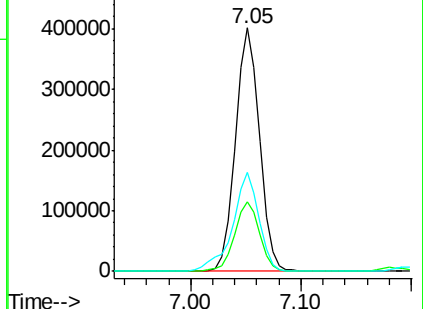
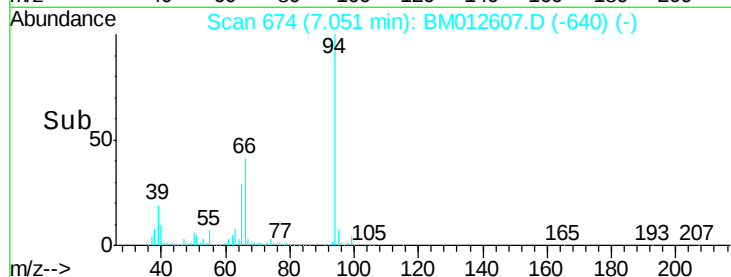
66 40.6 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012607.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM012607.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM012607.D (-640) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 18.72 ng/ul

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

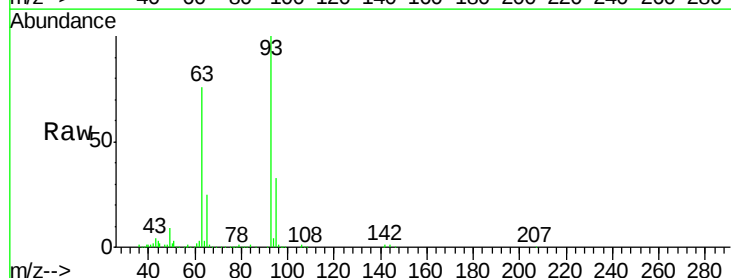
Tgt Ion: 93 Resp: 454658

Ion Ratio Lower Upper

93 100

63 75.7 57.3 85.9

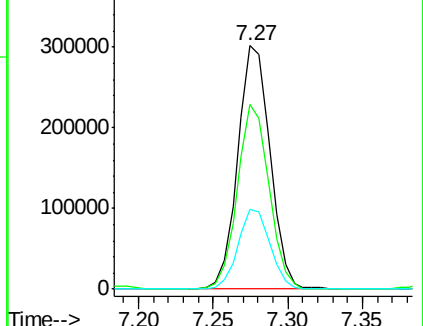
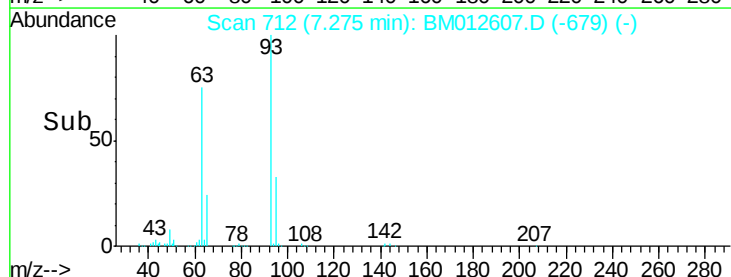
95 32.9 26.6 39.8

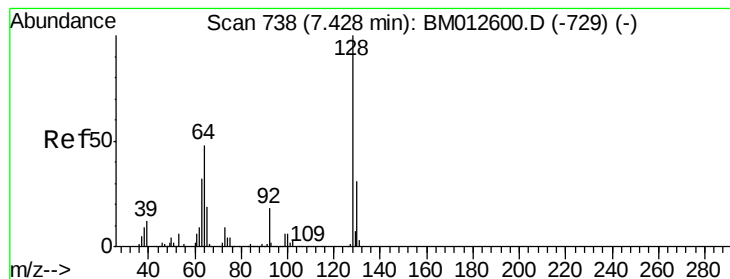


Abundance Ion 93.00 (92.70 to 93.70): BM012607.D (-679) (-)

Ion 63.00 (62.70 to 63.70): BM012607.D (-679) (-)

Ion 95.00 (94.70 to 95.70): BM012607.D (-679) (-)





#10

2-Chlorophenol

Concen: 19.93 ng/ul

RT: 7.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

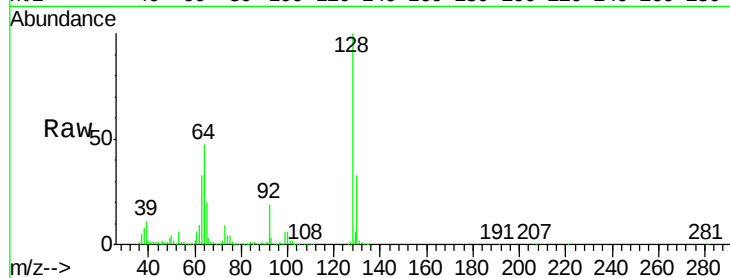
Tot Ion:128 Resp: 484391

Ion Ratio Lower Upper

128 100

64 47.4 38.0 57.0

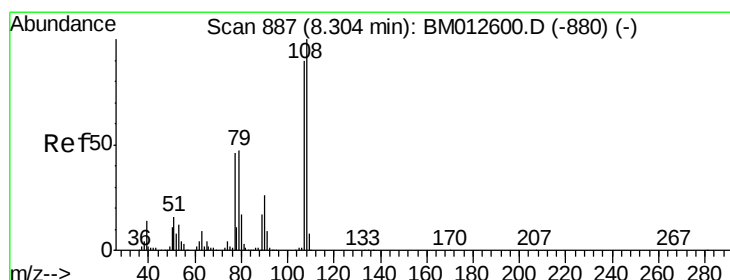
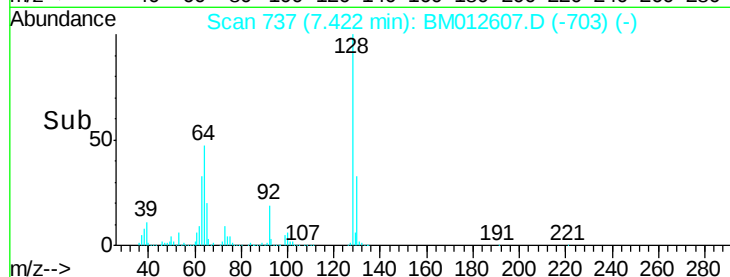
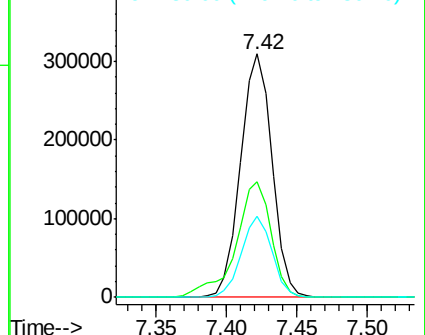
130 33.1 24.4 36.6



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: 17.96 ng/ul

RT: 8.30 min Scan# 886

Delta R.T. 0.00 min

Lab File: BM012607.D

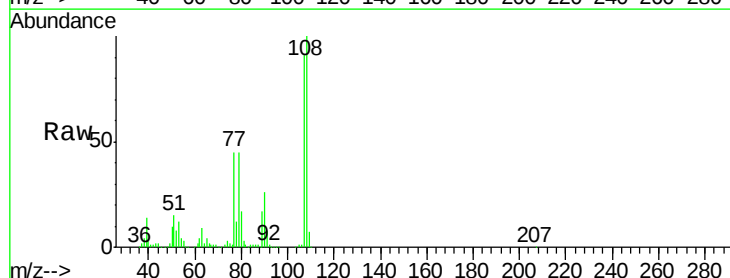
Acq: 31 Oct 2017 17:36

Tgt Ion:108 Resp: 447260

Ion Ratio Lower Upper

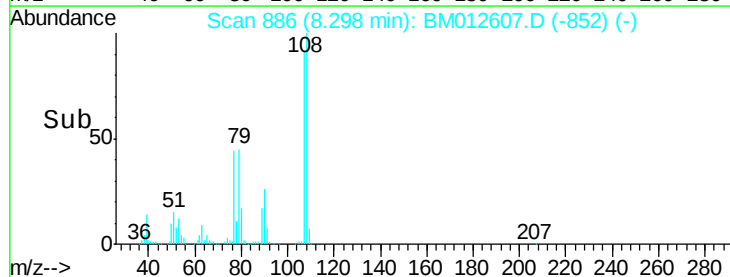
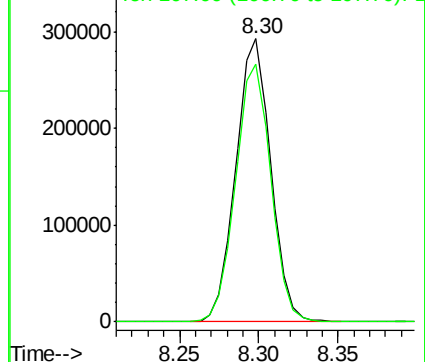
108 100

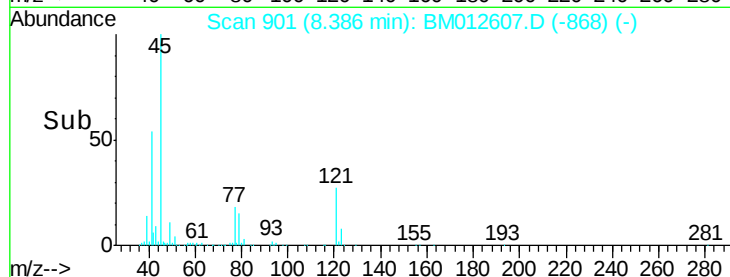
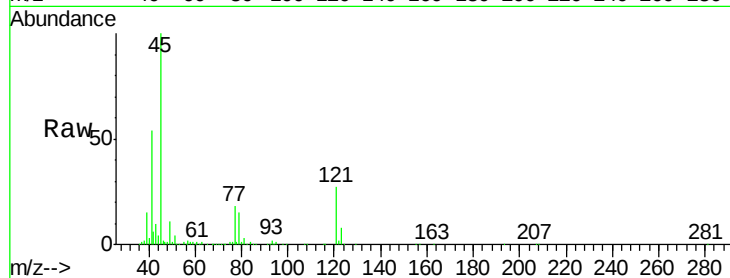
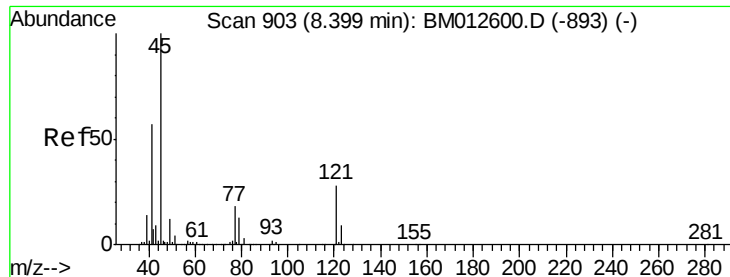
107 91.1 72.6 108.8



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

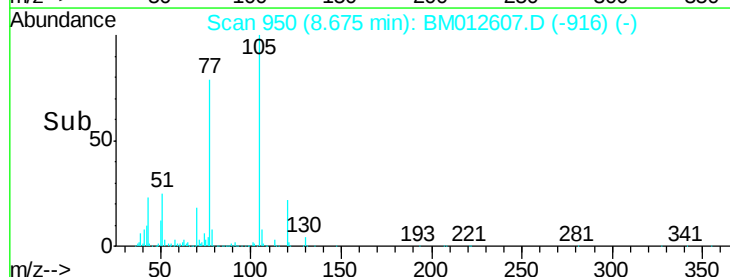
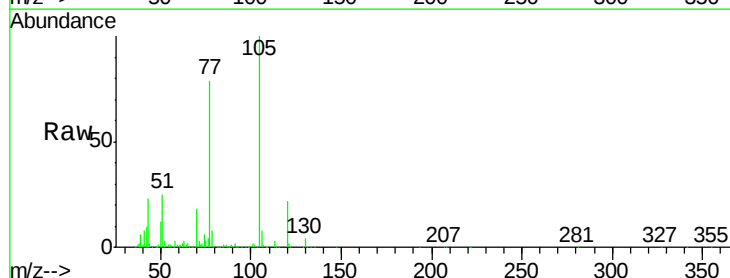
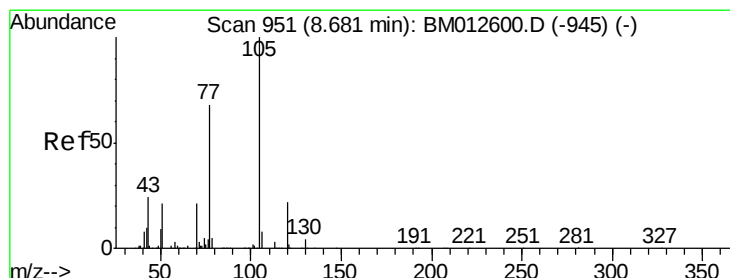
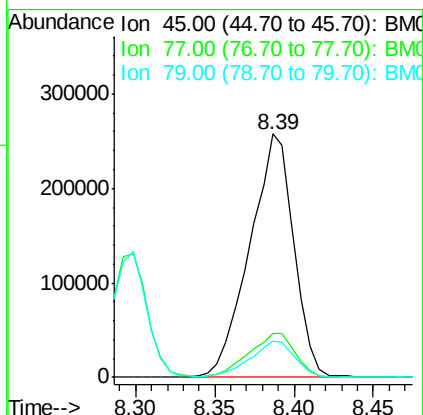




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 18.48 ng/ul  
RT: 8.39 min Scan# 901  
Delta R.T. -0.01 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

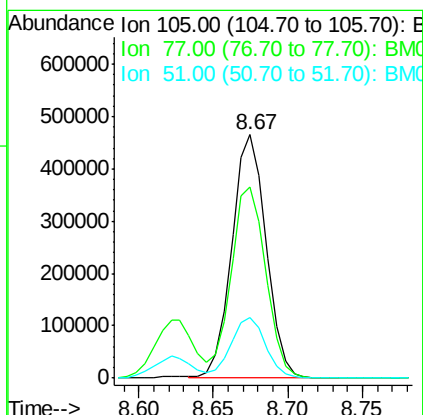
Instrument :  
BNA\_M  
ClientSampleId :

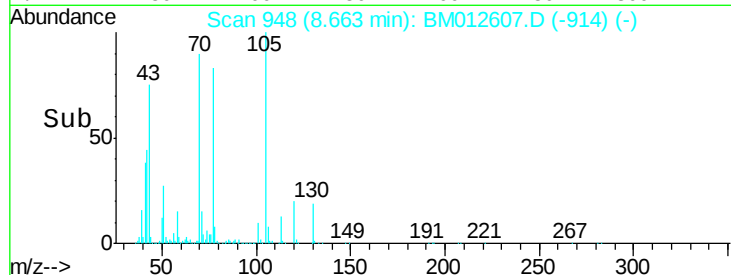
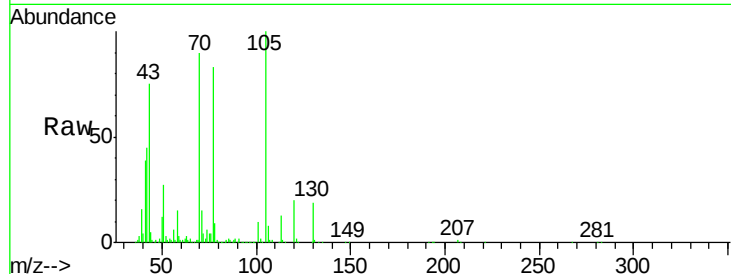
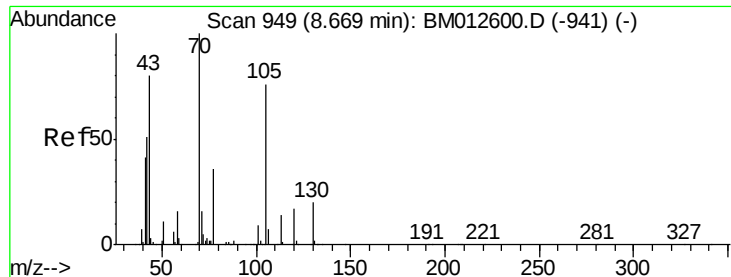
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 18.3  | 8.0   | 12.0# |
| 79      | 15.0  | 8.0   | 12.0# |



#14  
Acetophenone  
Concen: 17.47 ng/ul  
RT: 8.67 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 78.7  | 74.2  | 111.4 |
| 51      | 25.1  | 23.4  | 35.2  |

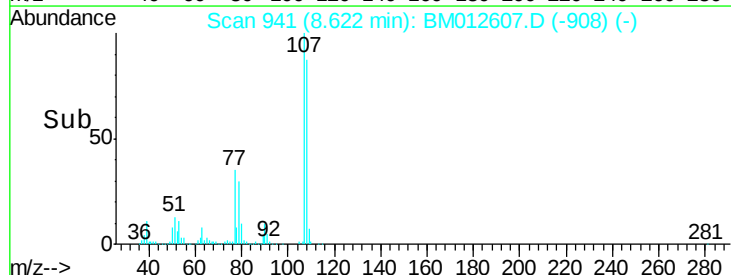
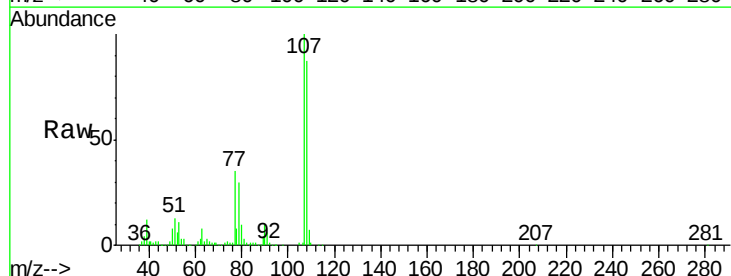
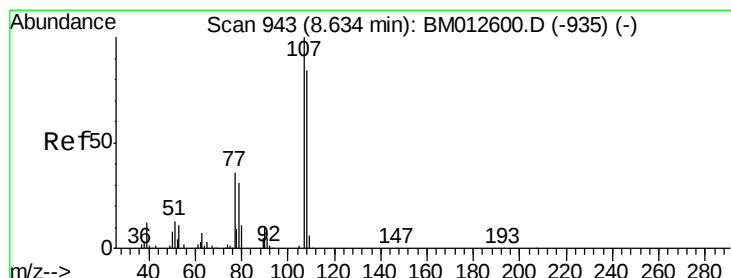
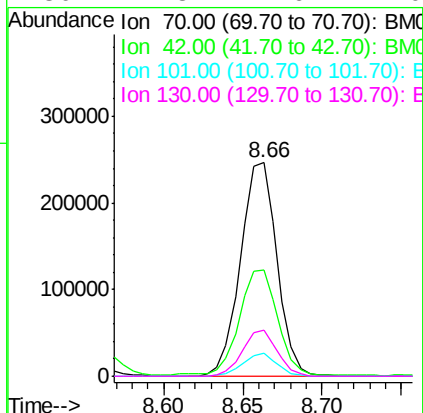




#15  
N-Nitroso-di-n-propylamine  
Concen: 16.85 ng/ul  
RT: 8.66 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

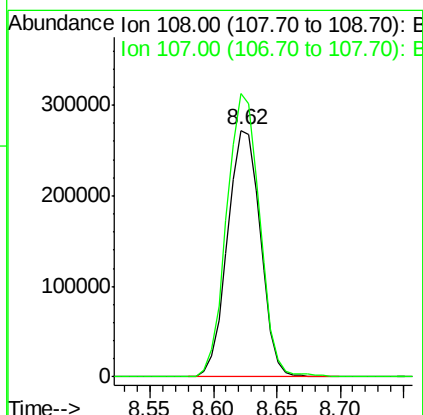
Instrument :  
BNA\_M  
ClientSampleId :

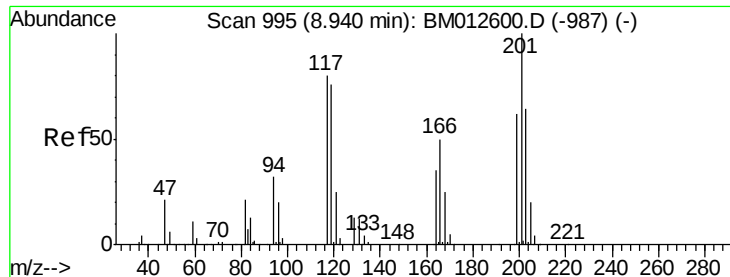
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 70      | 100   |       |        |
| 42      | 49.9  | 76.0  | 114.0# |
| 101     | 10.8  | 6.7   | 10.1#  |
| 130     | 21.8  | 14.6  | 22.0   |



#16  
4-Methylphenol  
Concen: 17.89 ng/ul  
RT: 8.62 min Scan# 941  
Delta R.T. -0.01 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 114.8 | 84.9  | 127.3 |





#17

Hexachloroethane

Concen: 18.90 ng/ul

RT: 8.93 min Scan# 994

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

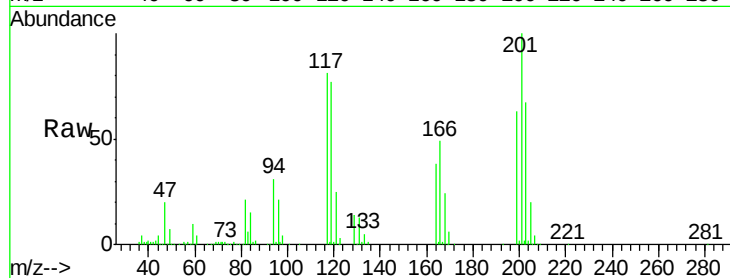
Tot Ion:117 Resp: 194696

Ion Ratio Lower Upper

117 100

201 123.9 111.6 167.4

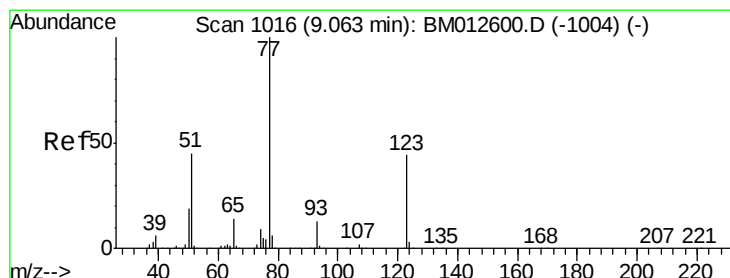
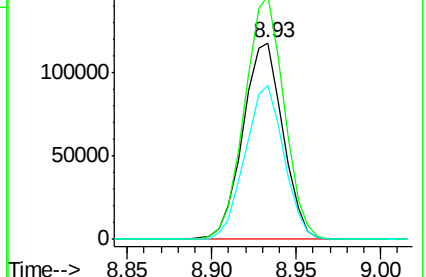
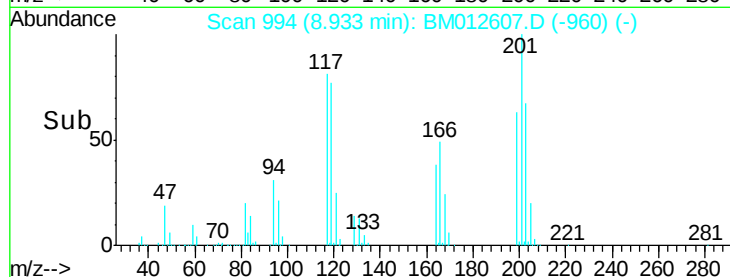
199 78.5 67.8 101.6



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: 20.89 ng/ul

RT: 9.05 min Scan# 1014

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

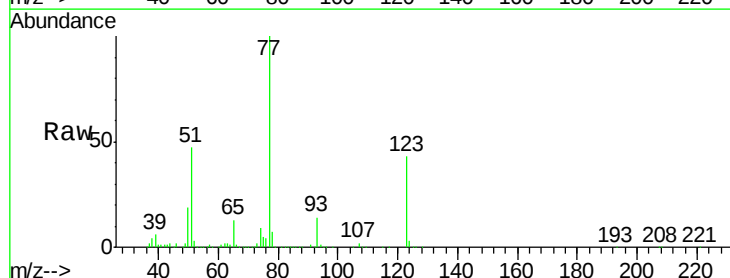
Tgt Ion: 77 Resp: 564372

Ion Ratio Lower Upper

77 100

123 43.3 31.0 46.6

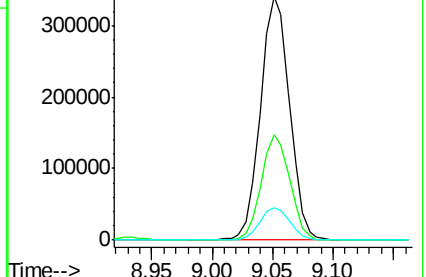
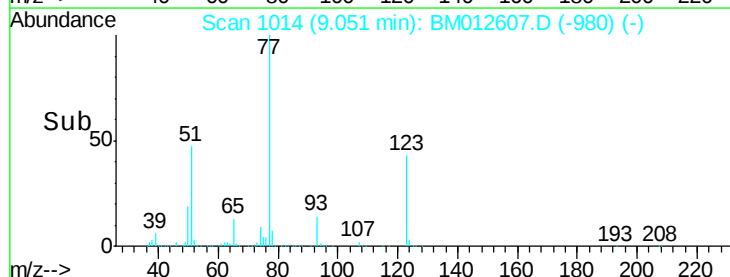
65 13.3 12.2 18.2

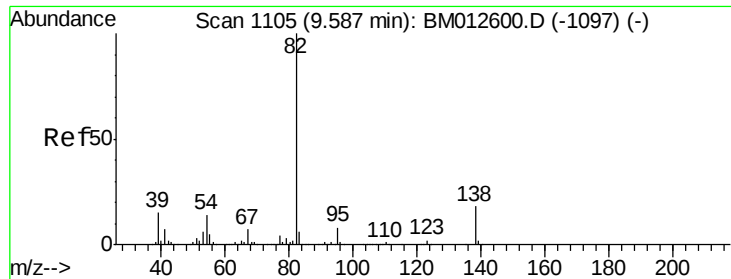


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BM0





#21

Isophorone

Concen: 17.92 ng/ul

RT: 9.58 min Scan# 1104

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

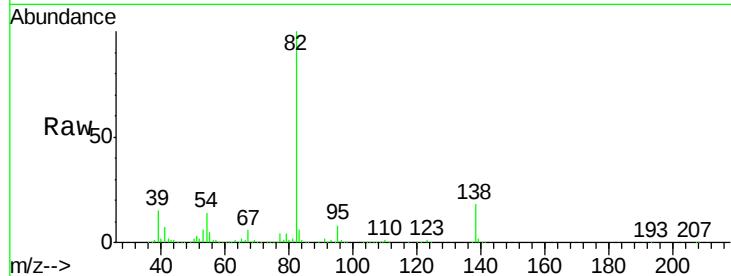
Tot Ion: 82 Resp: 1024350

Ion Ratio Lower Upper

82 100

95 7.8 7.8 11.8#

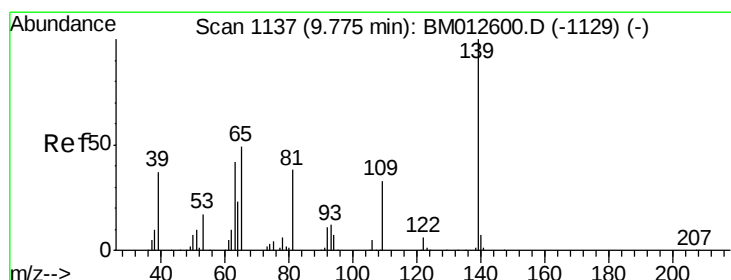
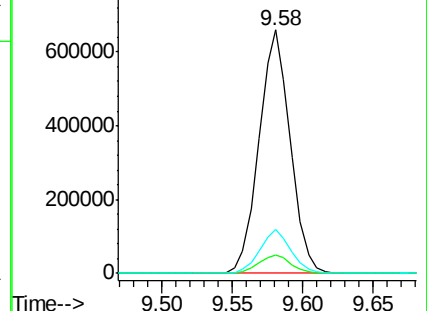
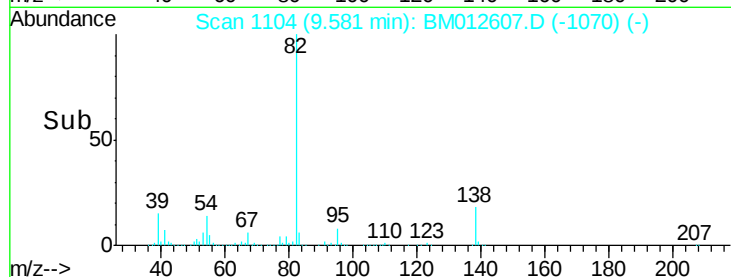
138 18.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM012607.D (-1070) (-)

Ion 95.00 (94.70 to 95.70): BM012607.D (-1070) (-)

Ion 138.00 (137.70 to 138.70): BM012607.D (-1070) (-)



#23

2-Nitrophenol

Concen: 25.73 ng/ul

RT: 9.76 min Scan# 1135

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

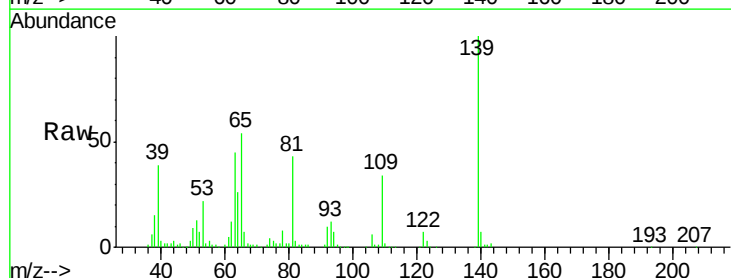
Tgt Ion: 139 Resp: 276201

Ion Ratio Lower Upper

139 100

65 53.7 55.4 83.0#

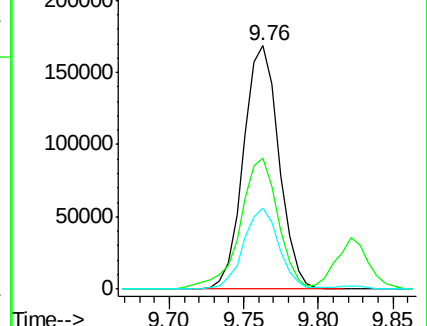
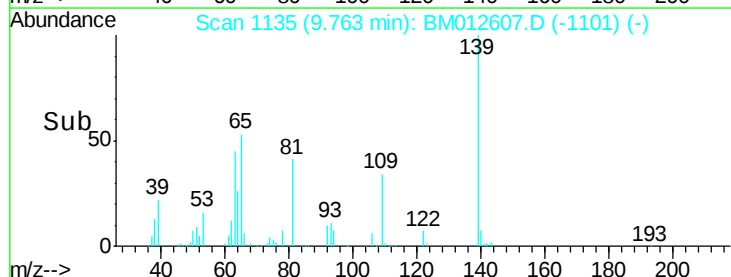
109 33.5 42.2 63.2#

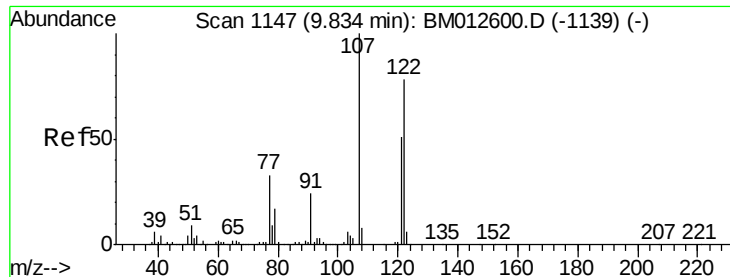


Abundance Ion 139.00 (138.70 to 139.70): BM012607.D (-1101) (-)

Ion 65.00 (64.70 to 65.70): BM012607.D (-1101) (-)

Ion 109.00 (108.70 to 109.70): BM012607.D (-1101) (-)





#24

2,4-Dimethylphenol

Concen: 18.49 ng/ul

RT: 9.82 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

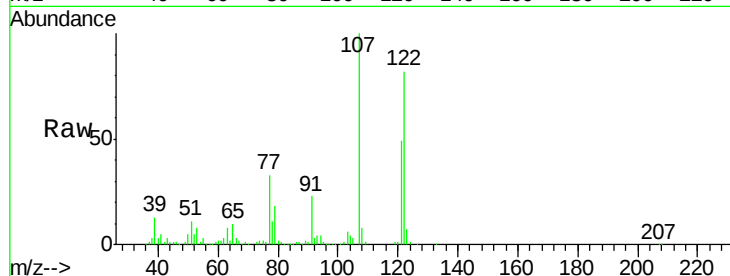
Tot Ion: 107 Resp: 558276

Ion Ratio Lower Upper

107 100

121 49.4 31.9 47.9#

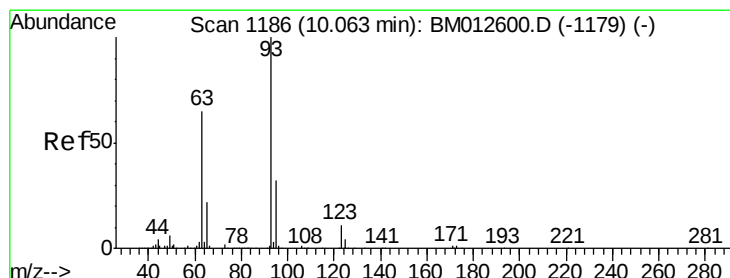
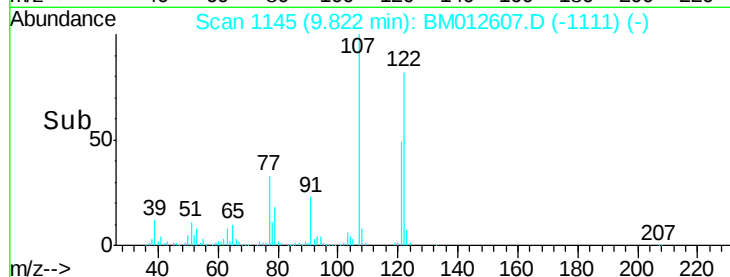
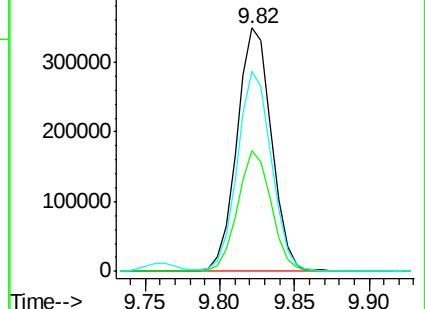
122 82.0 57.8 86.6



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: 18.99 ng/ul

RT: 10.06 min Scan# 1185

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

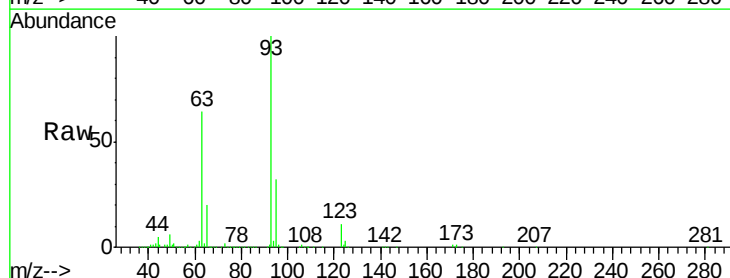
Tgt Ion: 93 Resp: 610244

Ion Ratio Lower Upper

93 100

95 32.2 28.5 42.7

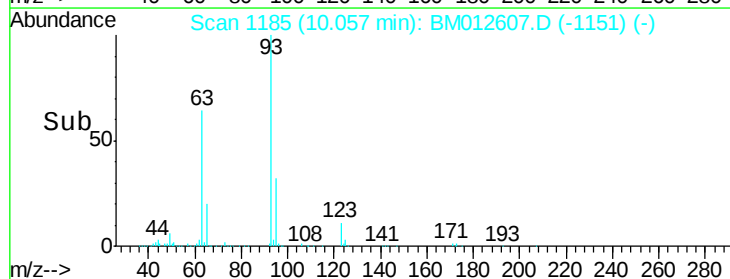
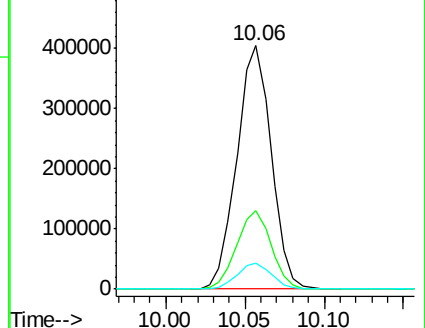
123 10.6 8.9 13.3

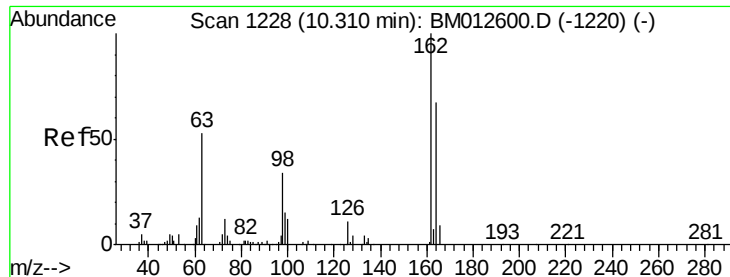


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

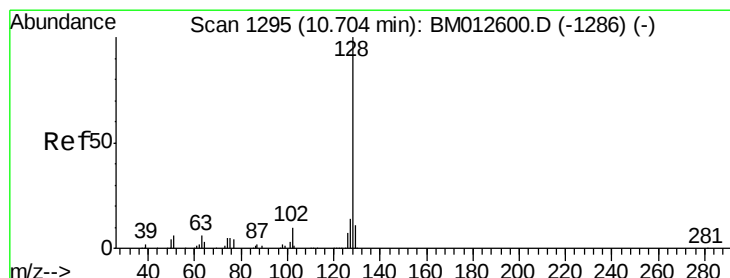
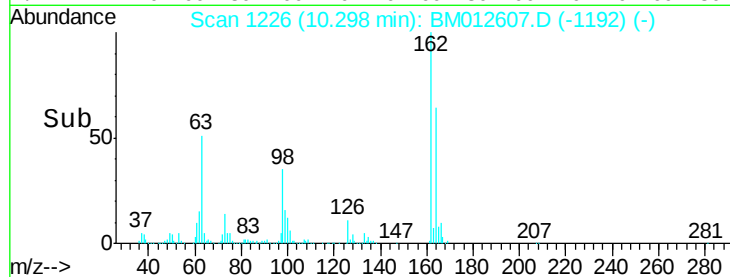
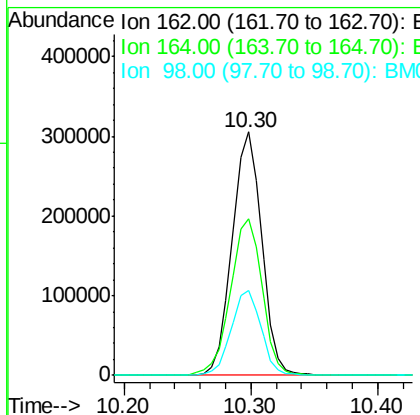
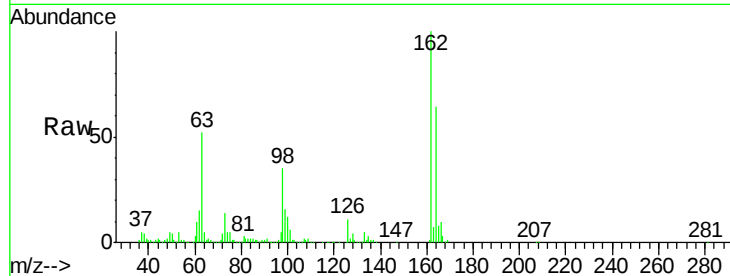




#27  
 2,4-Dichlorophenol  
 Concen: 19.69 ng/ul  
 RT: 10.30 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

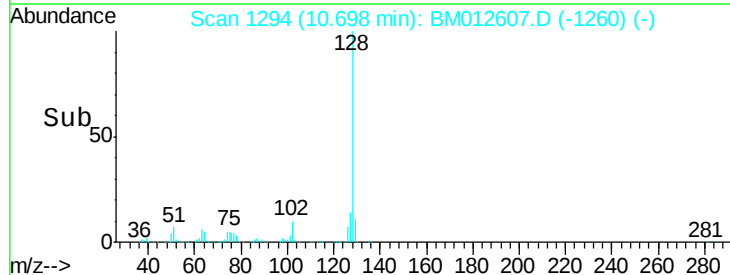
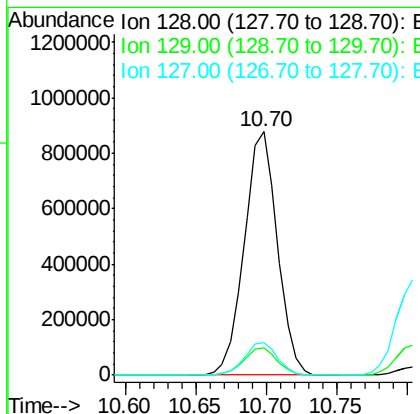
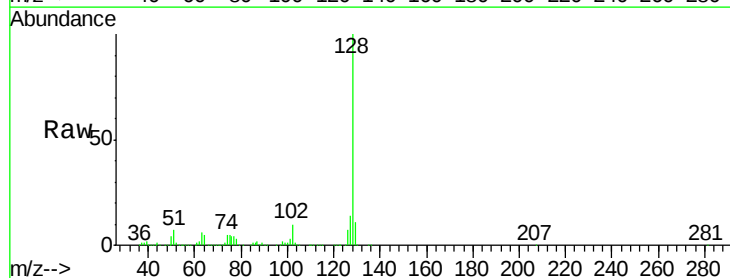
Instrument :  
 BNA\_M  
 ClientSampleId :

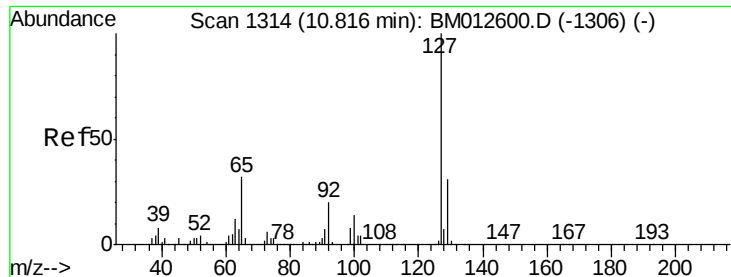
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 64.1  | 47.8  | 71.6  |
| 98      | 35.0  | 23.0  | 34.4  |



#28  
 Naphthalene  
 Concen: 19.41 ng/ul  
 RT: 10.70 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 129     | 11.2  | 8.8   | 13.2  |
| 127     | 13.5  | 10.6  | 16.0  |

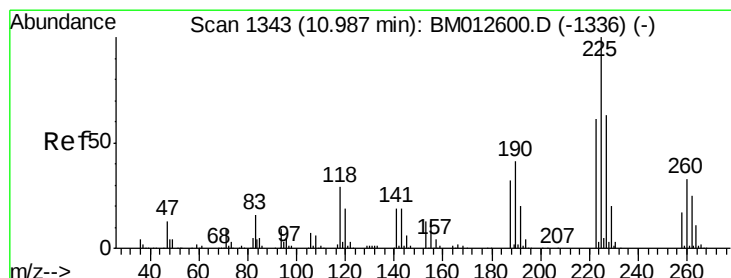
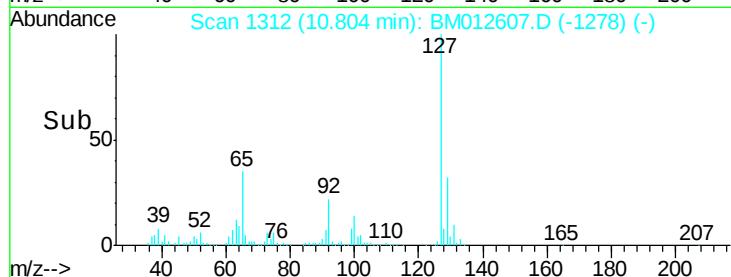
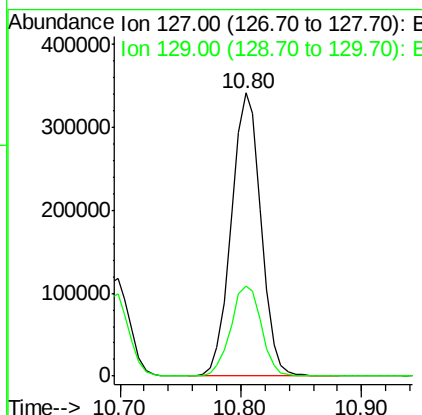
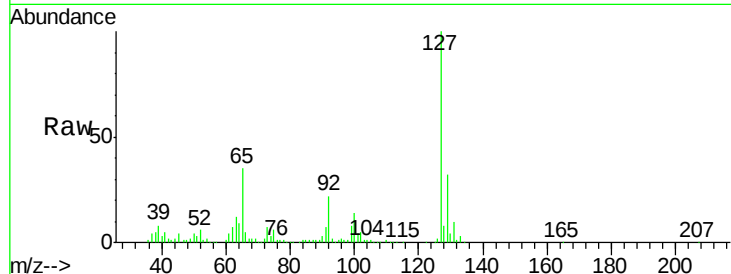




#30  
4-Chloroaniline  
Concen: 21.44 ng/ul  
RT: 10.80 min Scan# 1312  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

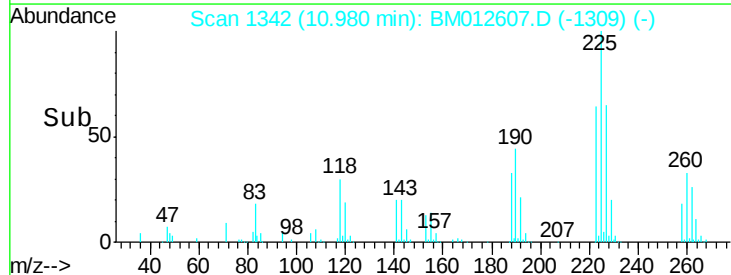
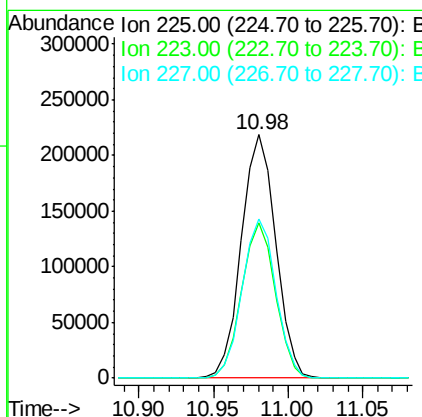
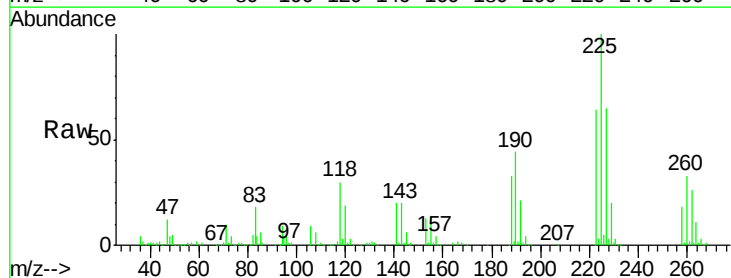
Instrument :  
BNA\_M  
ClientSampleId :

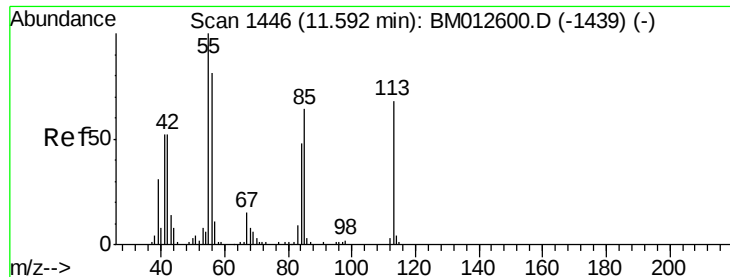
Tot Ion:127 Resp: 582552  
Ion Ratio Lower Upper  
127 100  
129 32.0 28.4 42.6



#31  
Hexachlorobutadiene  
Concen: 18.21 ng/ul  
RT: 10.98 min Scan# 1342  
Delta R.T. -0.01 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

Tgt Ion:225 Resp: 348779  
Ion Ratio Lower Upper  
225 100  
223 63.6 49.4 74.2  
227 65.4 45.4 68.2

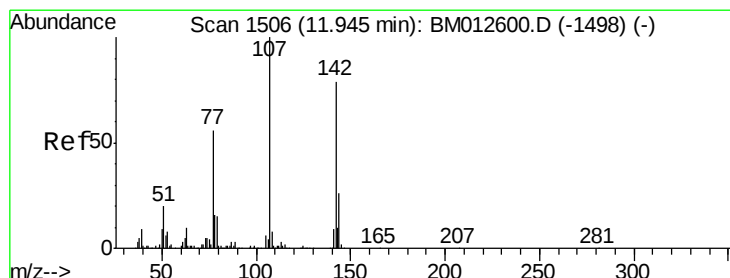
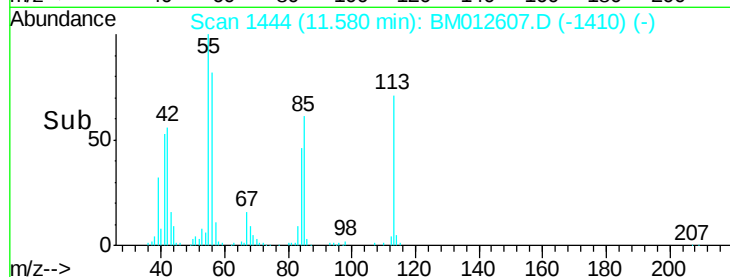
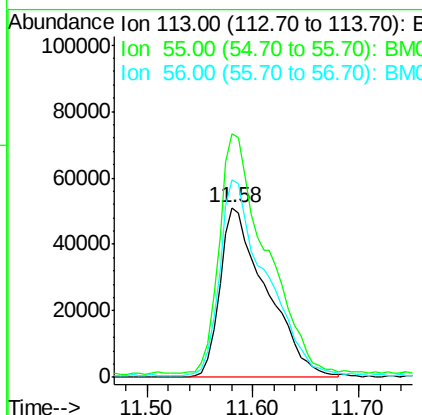
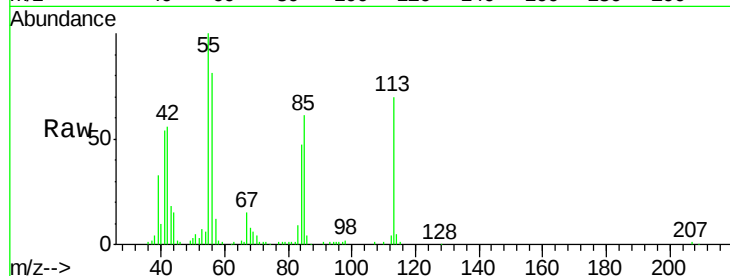




#32  
 Caprolactam  
 Concen: 19.21 ng/ul  
 RT: 11.58 min Scan# 1444  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

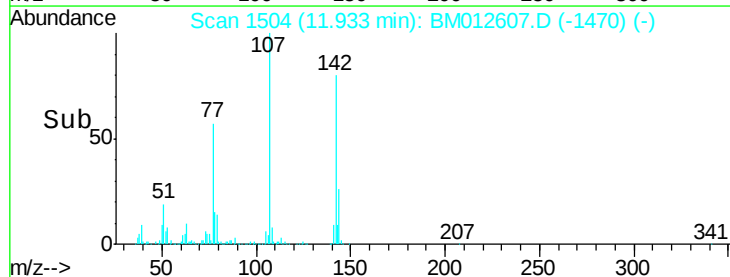
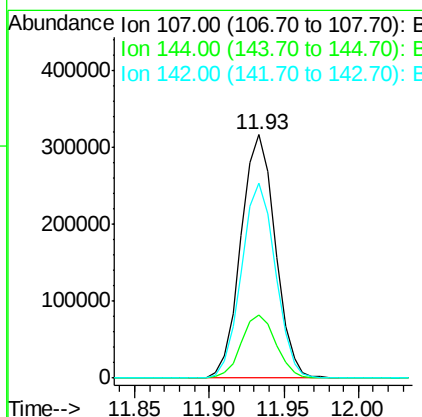
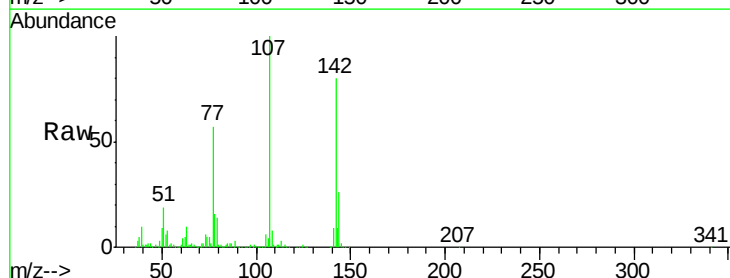
Instrument :  
 BNA\_M  
 ClientSampleId :

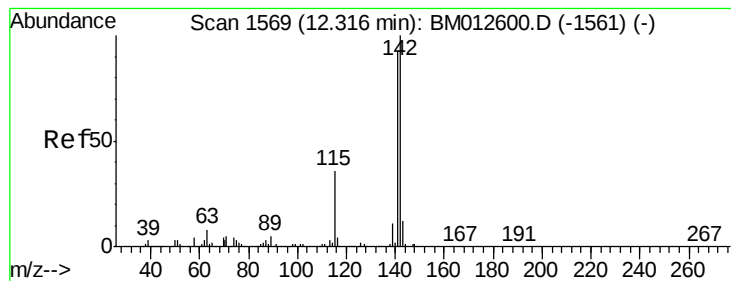
Tot Ion:113 Resp: 155299  
 Ion Ratio Lower Upper  
 113 100  
 55 143.5 208.0 312.0#  
 56 116.4 160.0 240.0#



#33  
 4-Chloro-3-methylphenol  
 Concen: 18.09 ng/ul  
 RT: 11.93 min Scan# 1504  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

Tgt Ion:107 Resp: 507436  
 Ion Ratio Lower Upper  
 107 100  
 144 26.0 20.4 30.6  
 142 80.3 60.5 90.7





#34

2-Methylnaphthalene

Concen: 18.01 ng/ul

RT: 12.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

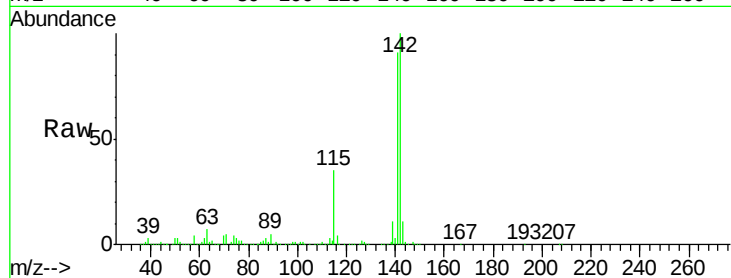
ClientSampleId :

Tot Ion:142 Resp: 1085959

Ion Ratio Lower Upper

142 100

141 91.0 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.30

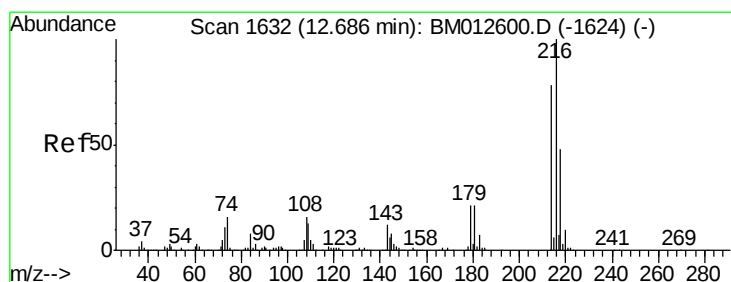
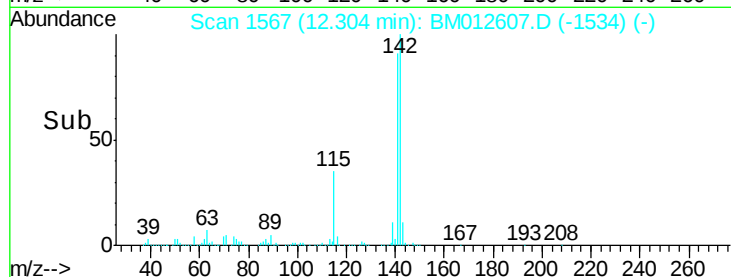
600000

400000

200000

0

Time-->



#36

1,2,4,5-Tetrachlorobenzene

Concen: 19.88 ng/ul

RT: 12.68 min Scan# 1631

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:216 Resp: 630010

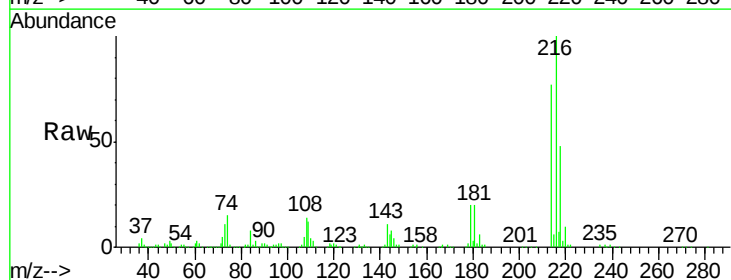
Ion Ratio Lower Upper

216 100

214 77.3 60.6 90.8

179 20.2 17.5 26.3

108 13.9 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

600000

500000

400000

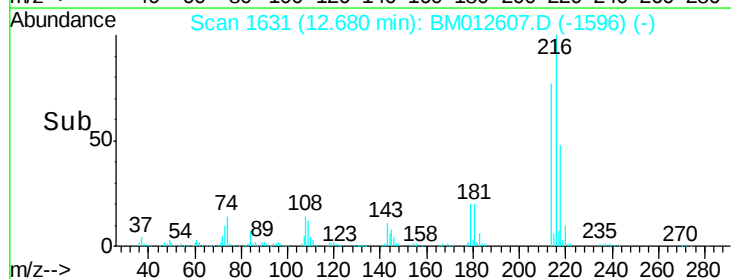
300000

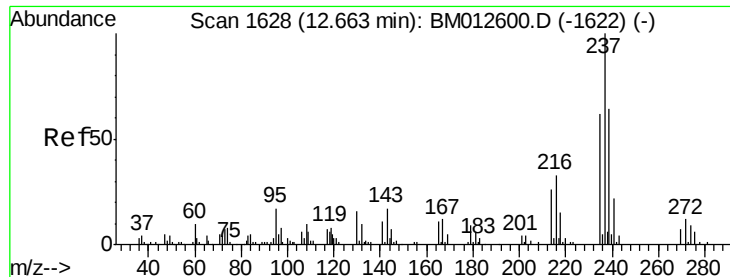
200000

100000

0

Time-->

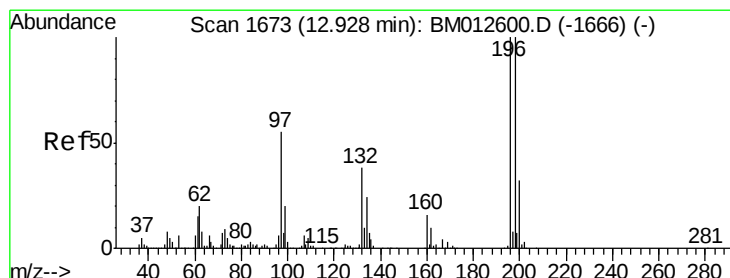
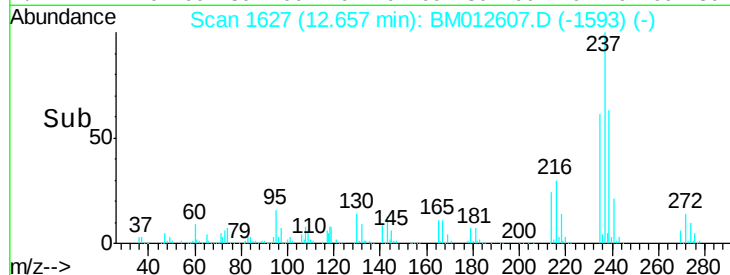
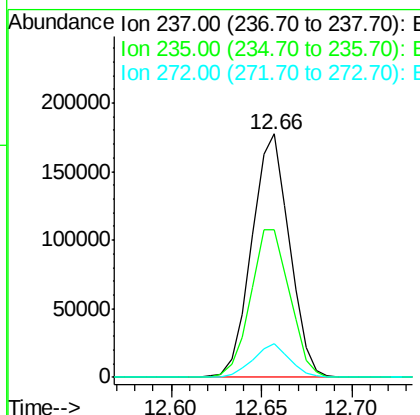
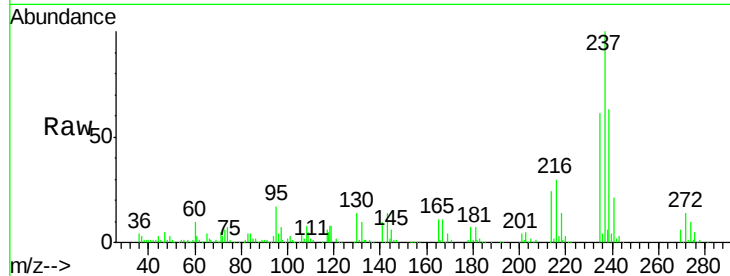




#37  
Hexachlorocyclopentadiene  
Concen: 12.50 ng/ul  
RT: 12.66 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

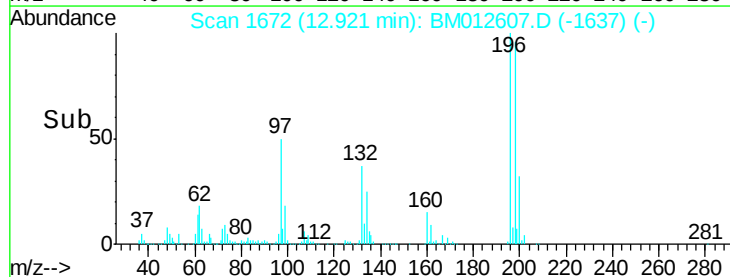
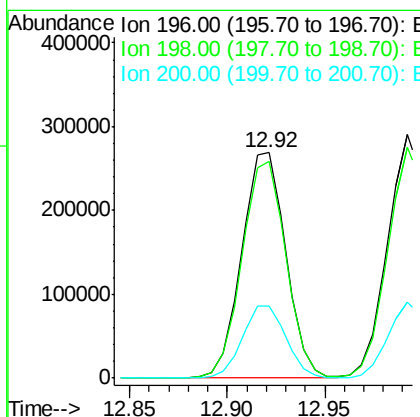
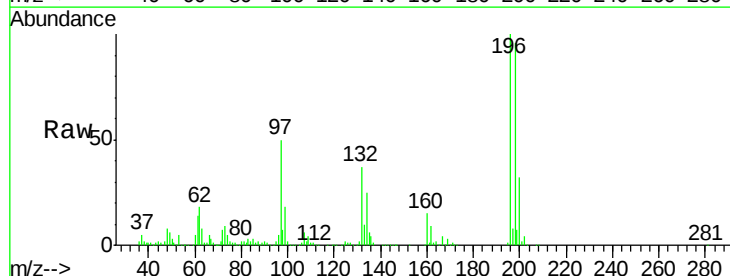
Instrument :  
BNA\_M  
ClientSampleId :

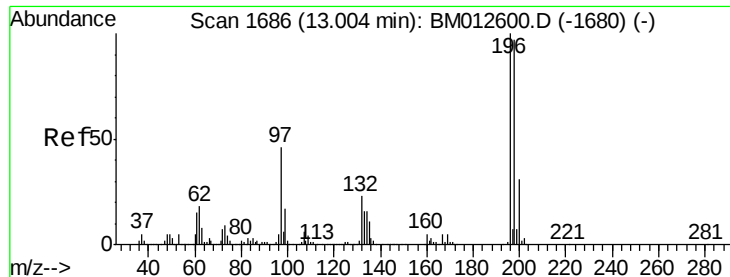
Tot Ion:237 Resp: 255759  
Ion Ratio Lower Upper  
237 100  
235 60.9 50.2 75.4  
272 13.7 11.0 16.6



#38  
2,4,6-Trichlorophenol  
Concen: 22.19 ng/ul  
RT: 12.92 min Scan# 1672  
Delta R.T. 0.01 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

Tgt Ion:196 Resp: 421044  
Ion Ratio Lower Upper  
196 100  
198 96.0 74.1 111.1  
200 32.3 25.2 37.8

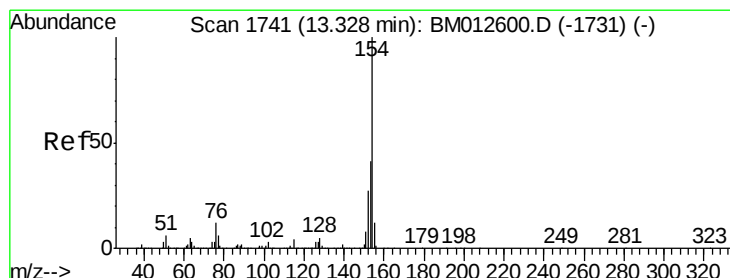
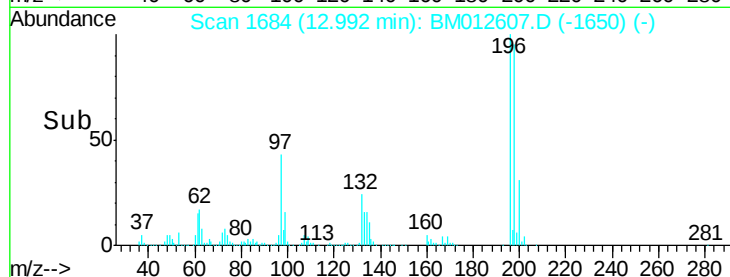
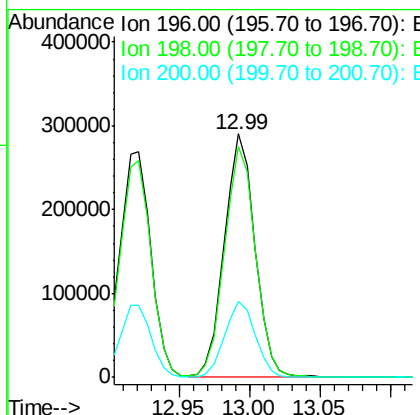
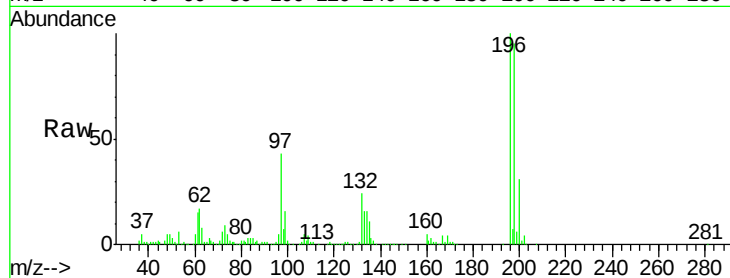




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.73 ng/ul  
 RT: 12.99 min Scan# 1684  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

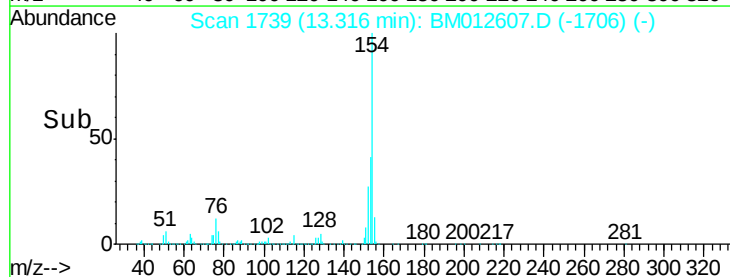
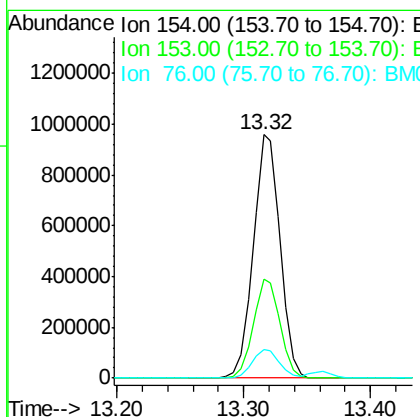
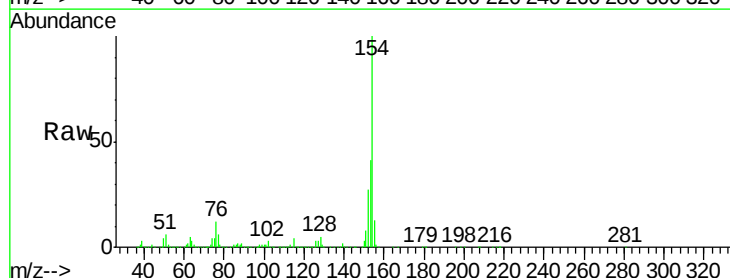
Instrument :  
 BNA\_M  
 ClientSampleId :

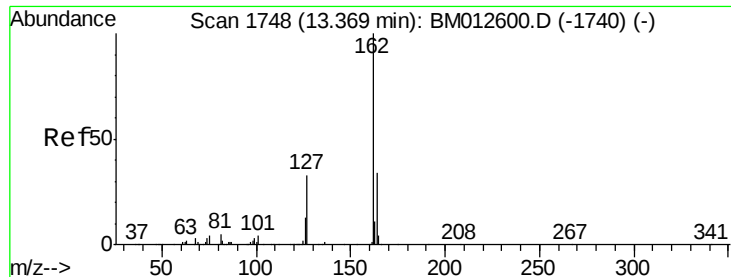
Tot Ion:196 Resp: 437043  
 Ion Ratio Lower Upper  
 196 100  
 198 94.9 75.6 113.4  
 200 31.0 25.5 38.3



#40  
 1,1'-Biphenyl  
 Concen: 19.75 ng/ul  
 RT: 13.32 min Scan# 1739  
 Delta R.T. -0.01 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

Tgt Ion:154 Resp: 1410250  
 Ion Ratio Lower Upper  
 154 100  
 153 40.7 32.6 48.8  
 76 11.9 8.5 12.7

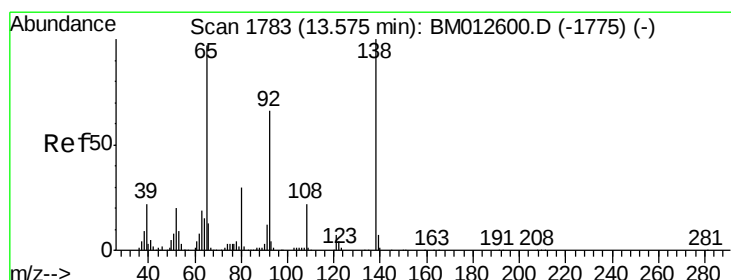
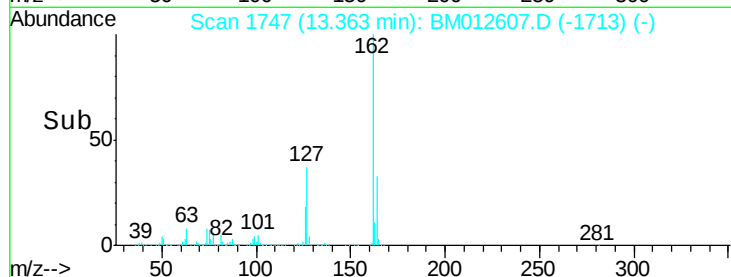
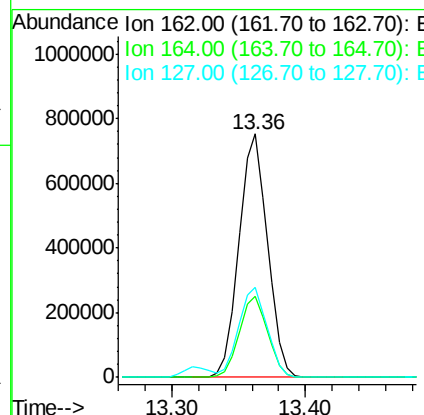
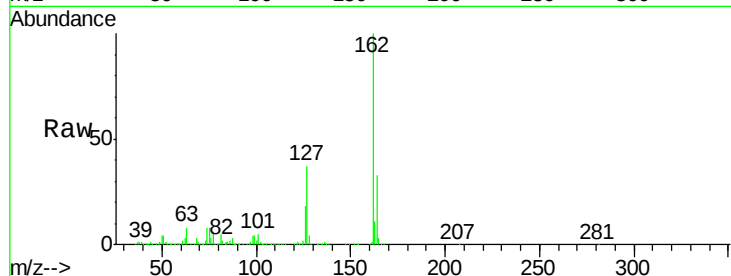




#41  
2-Chloronaphthalene  
Concen: 19.93 ng/ul  
RT: 13.36 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

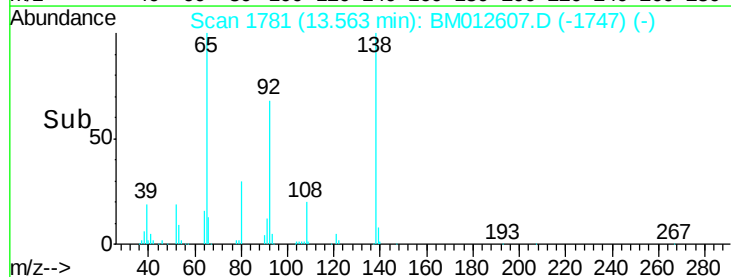
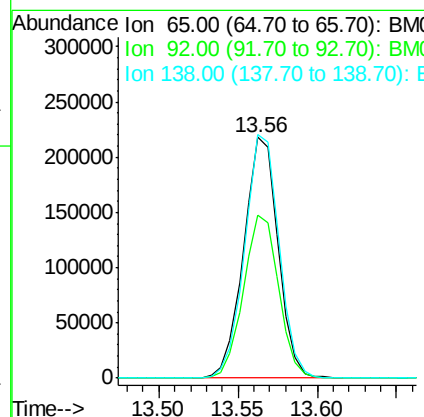
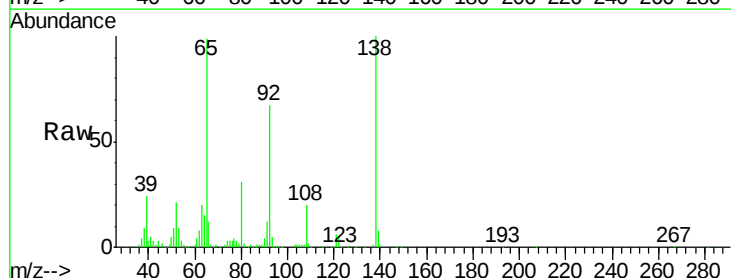
Instrument :  
BNA\_M  
ClientSampleId :

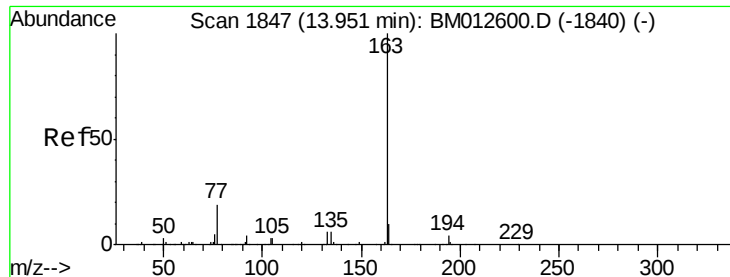
Tot Ion:162 Resp: 1116026  
Ion Ratio Lower Upper  
162 100  
164 33.3 25.9 38.9  
127 37.1 29.4 44.2



#42  
2-Nitroaniline  
Concen: 25.31 ng/ul  
RT: 13.56 min Scan# 1781  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

Tgt Ion: 65 Resp: 329565  
Ion Ratio Lower Upper  
65 100  
92 67.9 51.8 77.6  
138 101.1 74.2 111.4

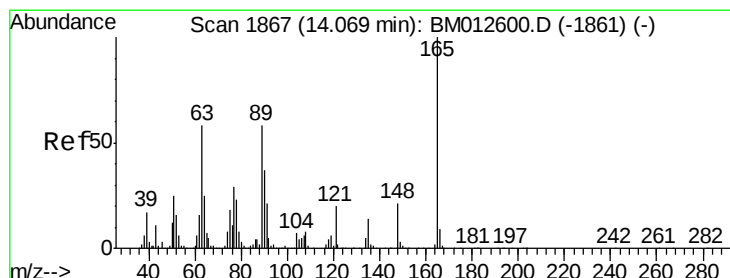
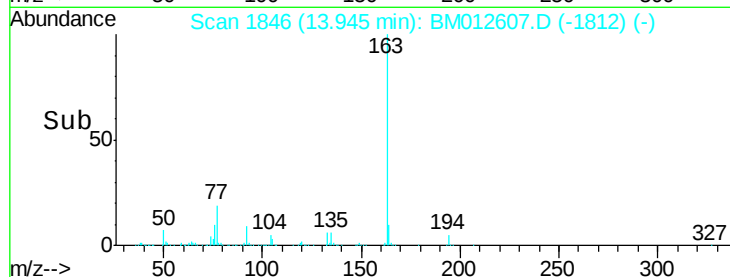
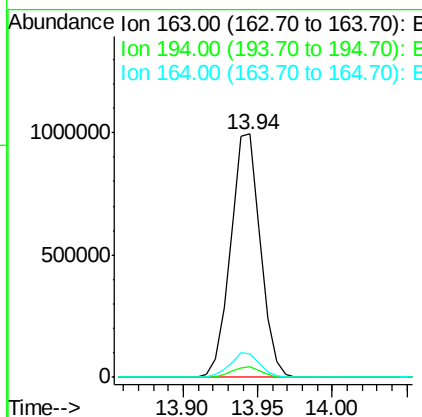
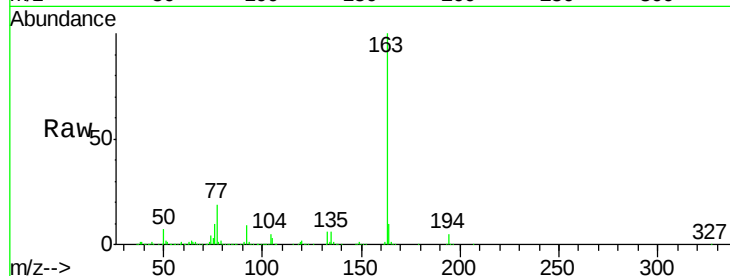




#44  
Dimethylphthalate  
Concen: 17.96 ng/ul  
RT: 13.94 min Scan# 1846  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

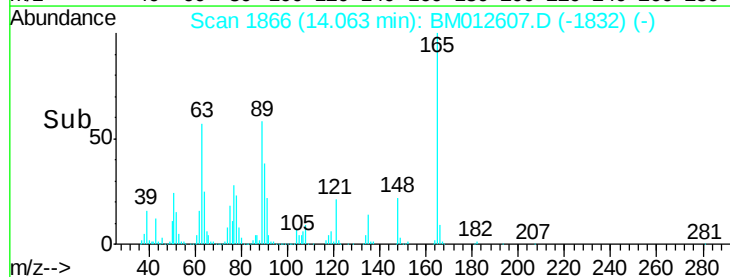
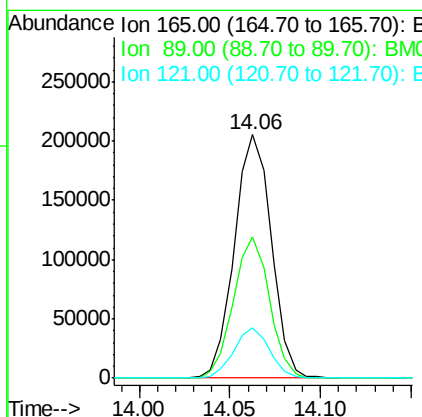
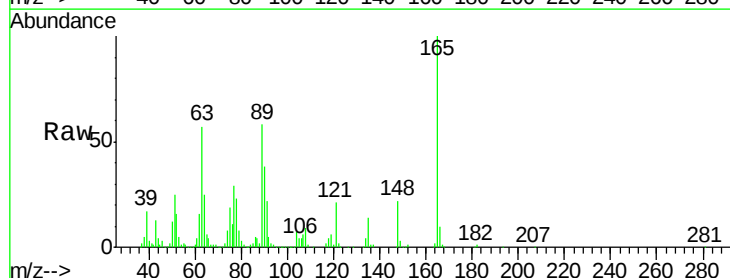
Instrument :  
BNA\_M  
ClientSampled :

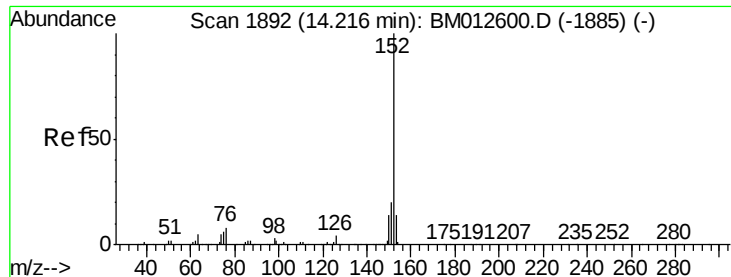
Tot Ion:163 Resp: 1388867  
Ion Ratio Lower Upper  
163 100  
194 4.6 3.5 5.3  
164 9.5 8.2 12.4



#45  
2,6-Dinitrotoluene  
Concen: 23.70 ng/ul  
RT: 14.06 min Scan# 1866  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

Tgt Ion:165 Resp: 291265  
Ion Ratio Lower Upper  
165 100  
89 58.0 52.6 79.0  
121 20.5 14.6 22.0





#47

Acenaphthylene

Concen: 19.60 ng/ul

RT: 14.21 min Scan# 1891

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

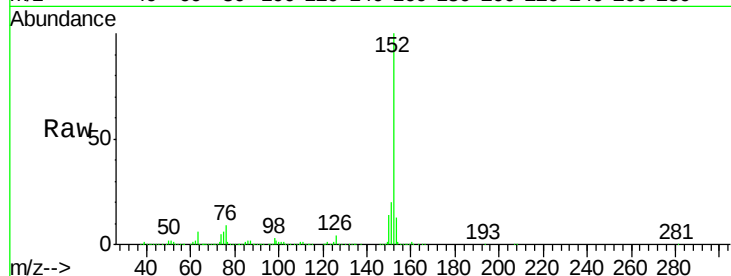
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:152 Resp: 1729819

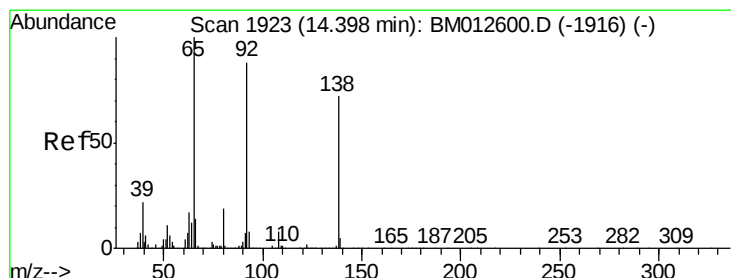
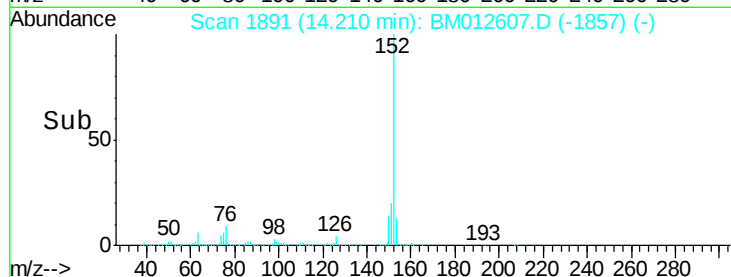
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 19.8  | 16.3  | 24.5  |
| 153 | 13.1  | 10.2  | 15.4  |



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: 24.74 ng/ul

RT: 14.39 min Scan# 1922

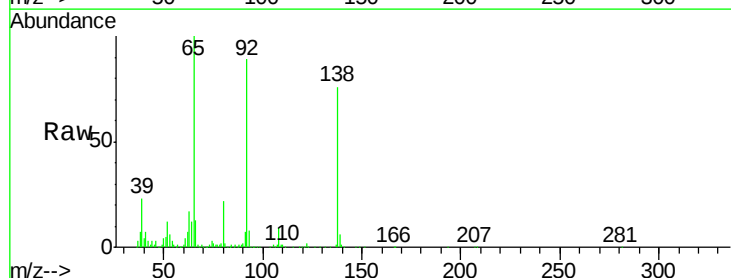
Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:138 Resp: 284904

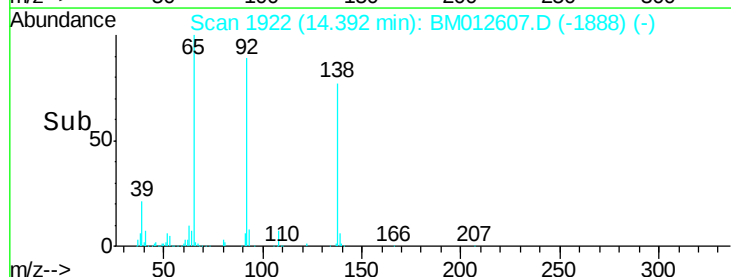
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 138 | 100   |       |       |
| 108 | 11.8  | 9.9   | 14.9  |
| 92  | 116.2 | 105.0 | 157.4 |

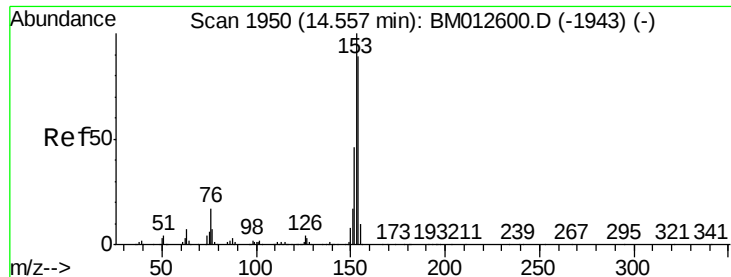


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.10 ng/ul

RT: 14.55 min Scan# 1949

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

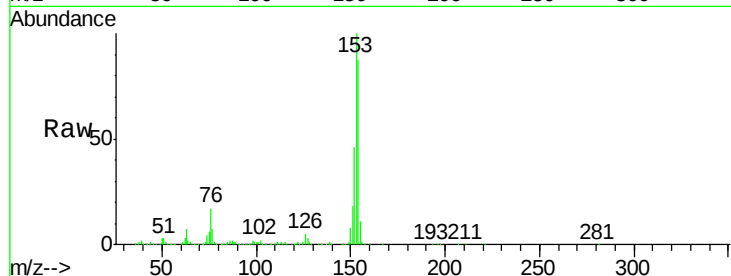
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:153 Resp: 1154536

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 153 | 100   |       |       |
| 152 | 45.7  | 37.6  | 56.4  |
| 154 | 86.5  | 70.4  | 105.6 |

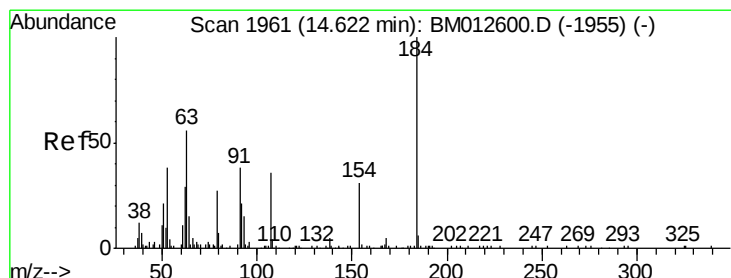
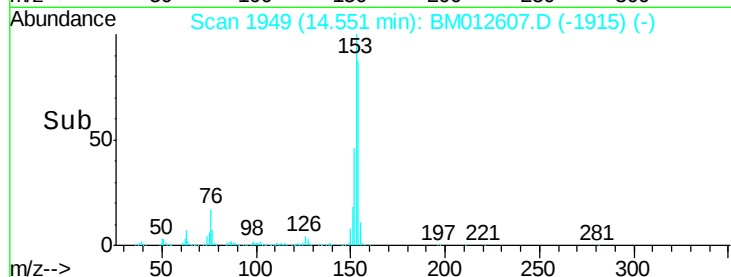
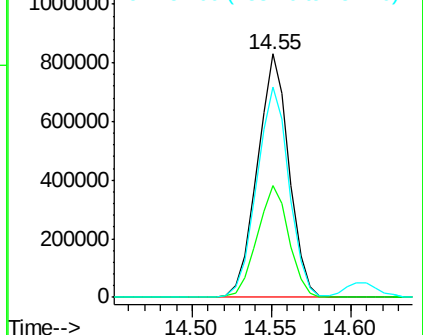


Abundance

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: 17.96 ng/ul

RT: 14.60 min Scan# 1958

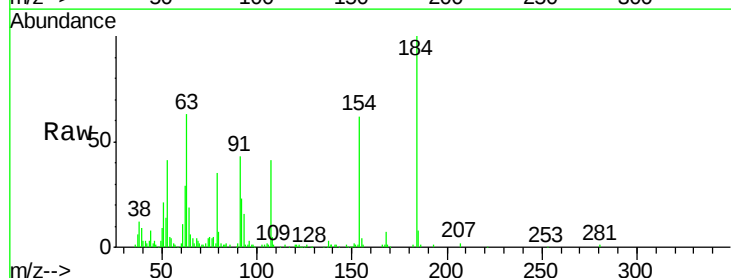
Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:184 Resp: 123900

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 63  | 62.7  | 50.1  | 75.1  |
| 154 | 62.1  | 54.5  | 81.7  |

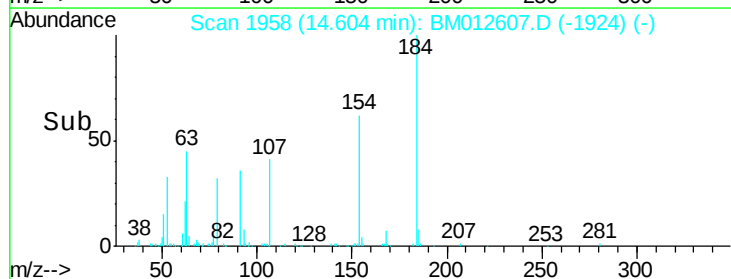
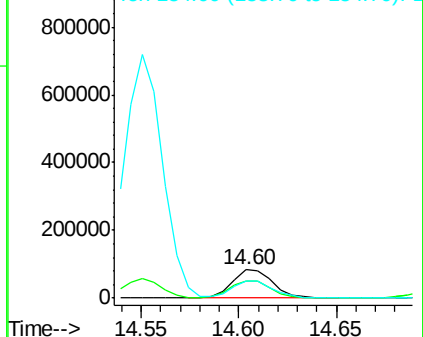


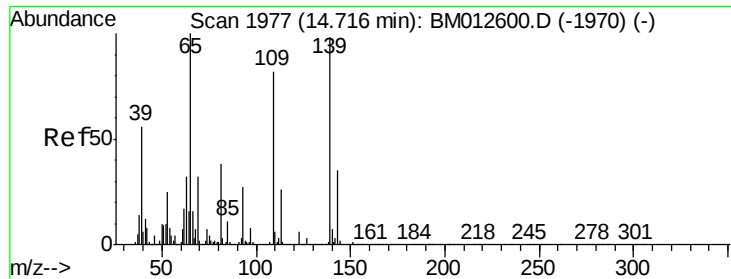
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.62 ng/ul

RT: 14.70 min Scan# 1975

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

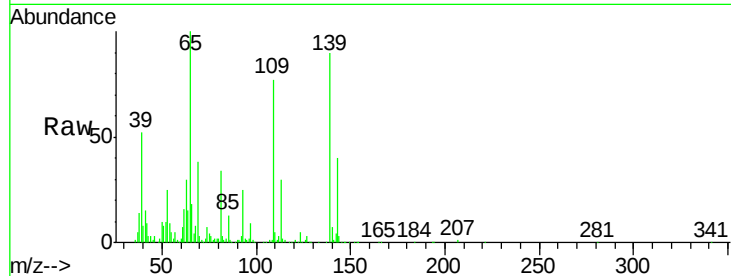
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:109 Resp: 207783

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 109 | 100   |       |       |
| 139 | 115.9 | 80.0  | 120.0 |
| 65  | 129.5 | 120.0 | 180.0 |

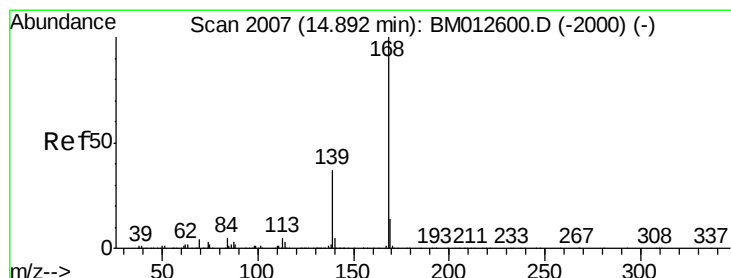
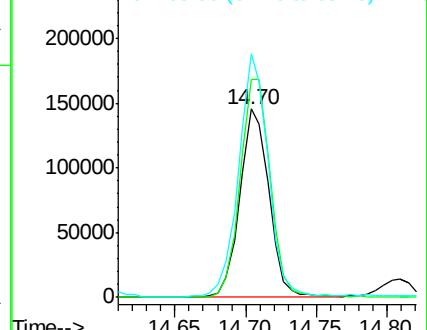
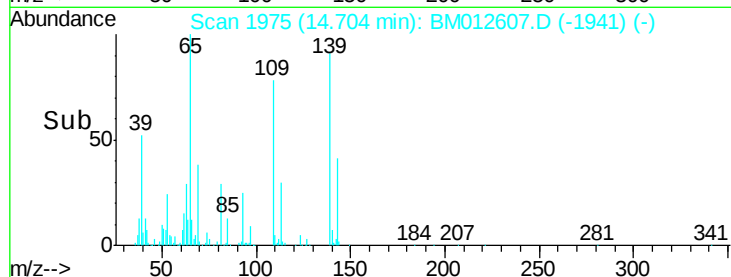


Abundance

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: 18.72 ng/ul

RT: 14.89 min Scan# 2006

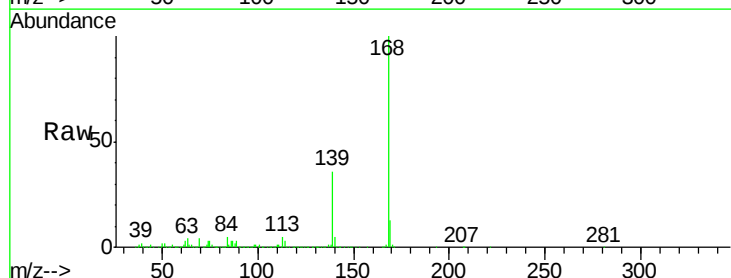
Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:168 Resp: 1674391

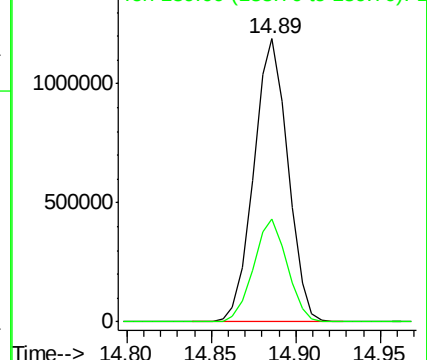
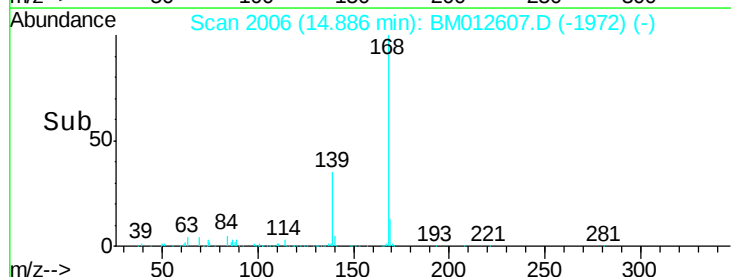
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 168 | 100   |       |       |
| 139 | 36.3  | 30.8  | 46.2  |

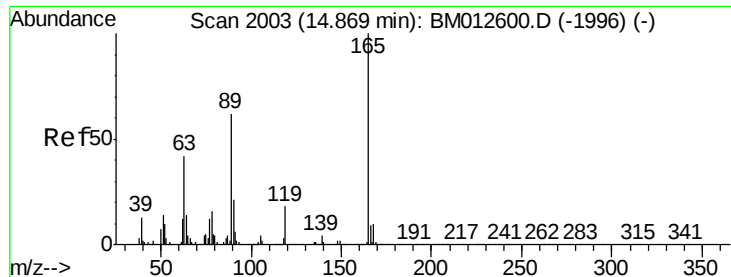


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#54

2,4-Dinitrotoluene

Concen: 22.47 ng/ul

RT: 14.86 min Scan# 2001

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

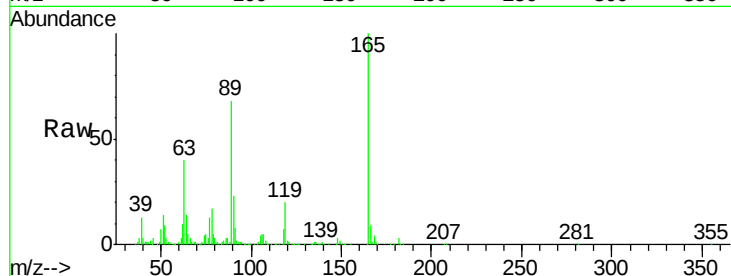
Tot Ion:165 Resp: 413587

Ion Ratio Lower Upper

165 100

63 39.9 45.8 68.8#

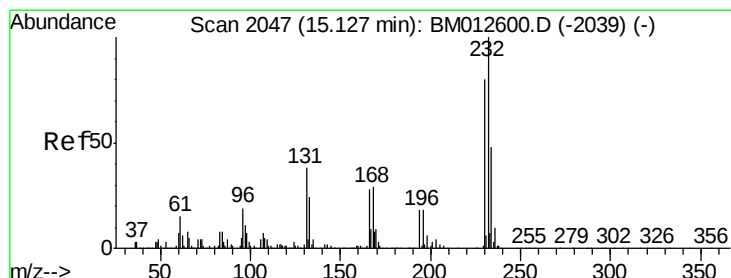
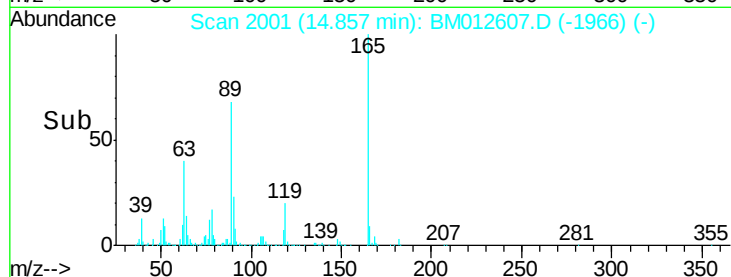
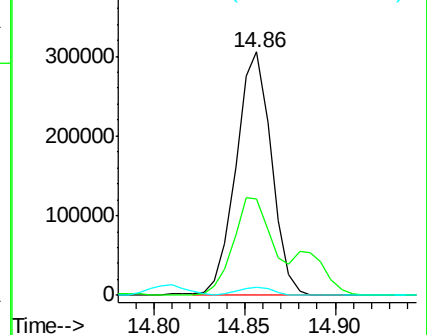
182 3.2 2.6 4.0



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: 20.97 ng/ul

RT: 15.12 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:232 Resp: 390416

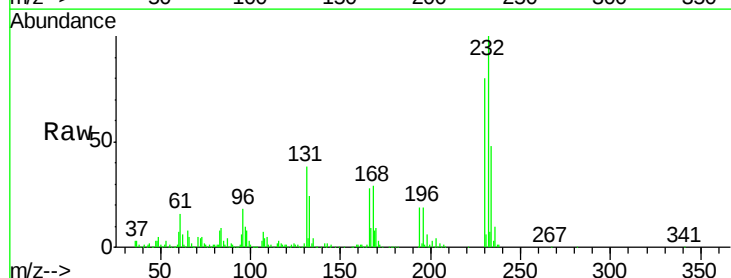
Ion Ratio Lower Upper

232 100

131 38.1 29.0 43.4

130 2.0 2.0 3.0

166 27.8 21.4 32.2

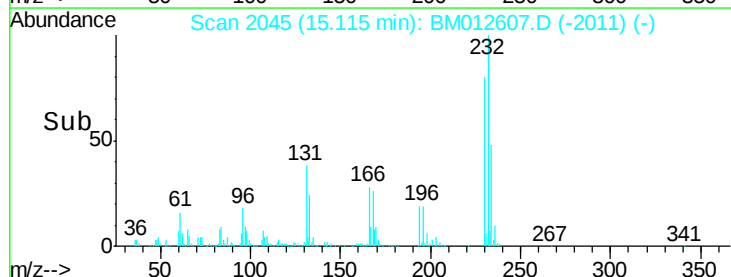
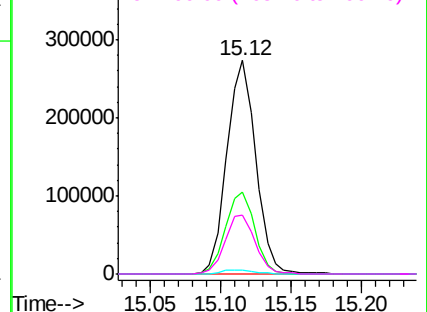


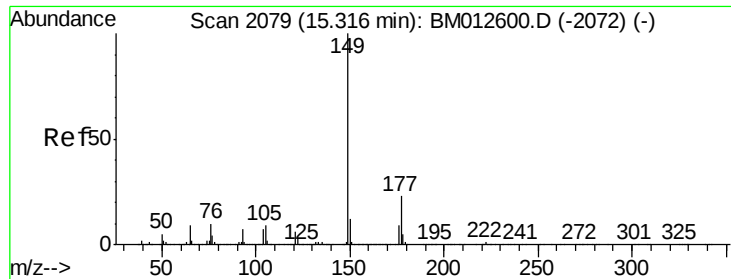
Abundance Ion 232.00 (231.70 to 232.70): E

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: 17.58 ng/ul

RT: 15.31 min Scan# 2078

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

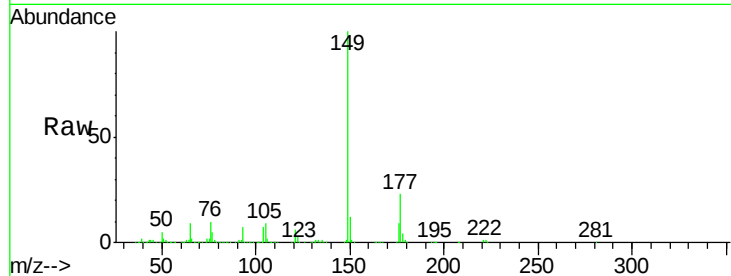
Tot Ion:149 Resp: 1386120

Ion Ratio Lower Upper

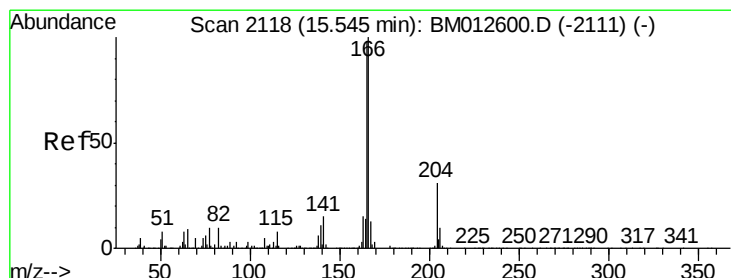
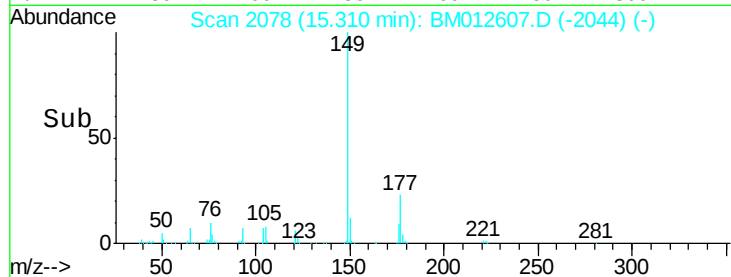
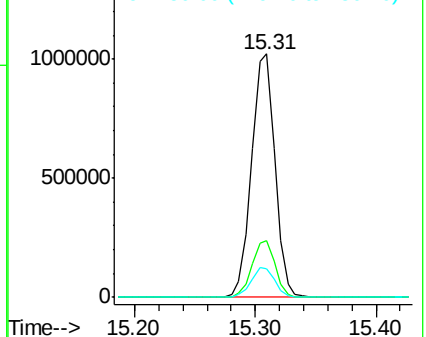
149 100

177 23.4 20.5 30.7

150 11.9 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: 18.13 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

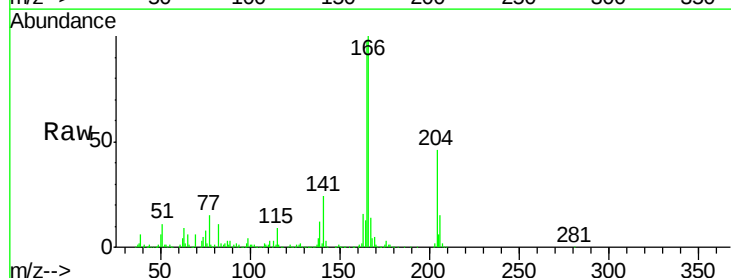
Tgt Ion:166 Resp: 1371832

Ion Ratio Lower Upper

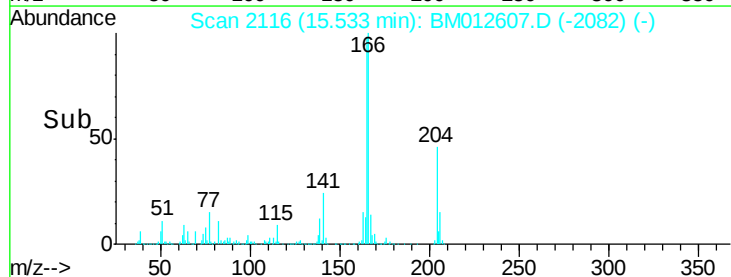
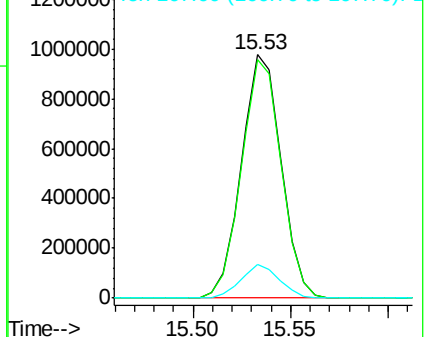
166 100

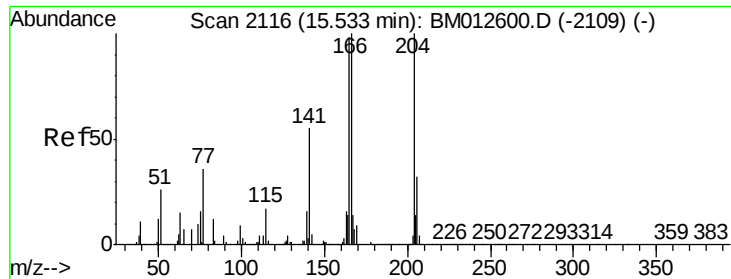
165 97.9 77.9 116.9

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

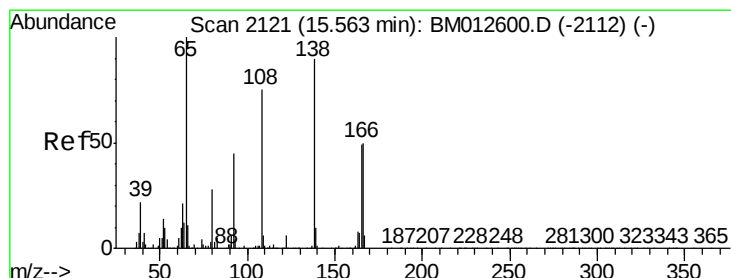
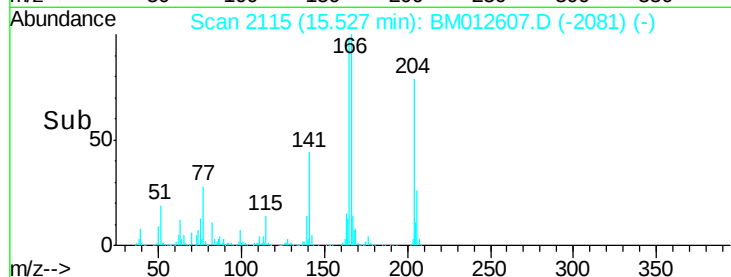
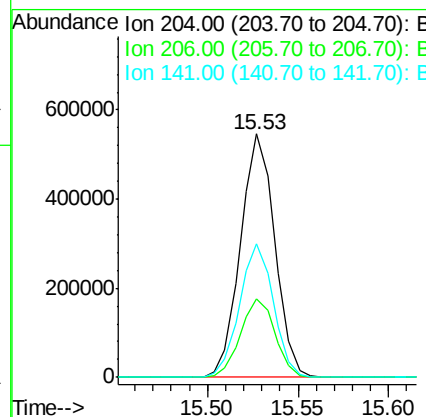
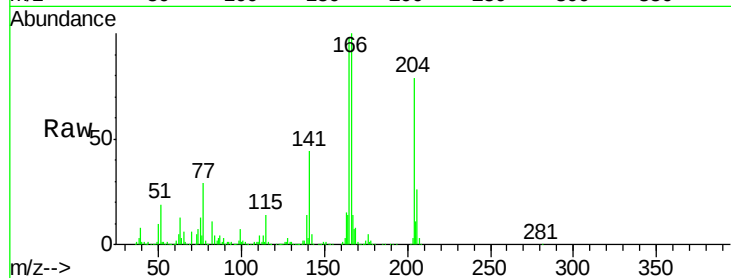




#59  
4-Chlorophenyl-phenylether  
Concen: 17.45 ng/ul  
RT: 15.53 min Scan# 2115  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

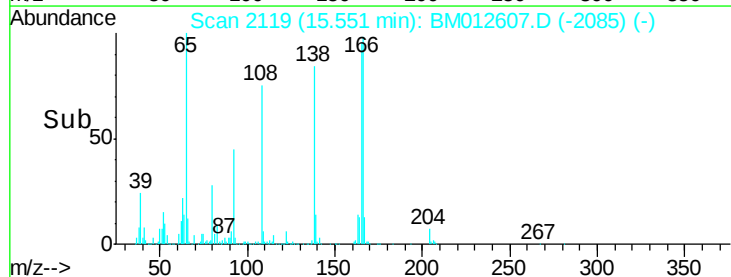
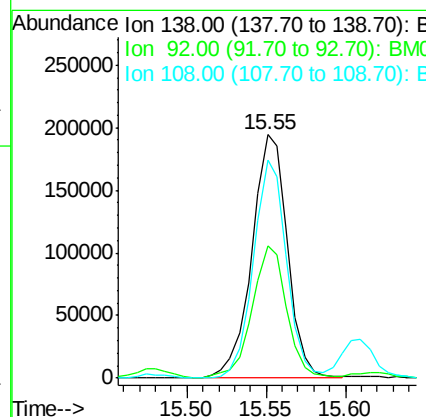
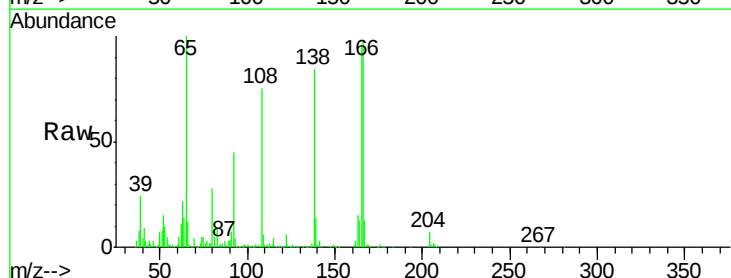
Instrument :  
BNA\_M  
ClientSampleId :

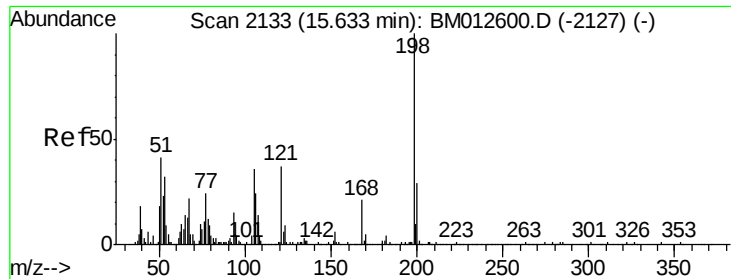
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 204     | 100   |       |       |
| 206     | 32.4  | 24.8  | 37.2  |
| 141     | 55.0  | 44.3  | 66.5  |



#60  
4-Nitroaniline  
Concen: 21.06 ng/ul  
RT: 15.55 min Scan# 2119  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 92      | 54.3  | 40.0  | 60.0  |
| 108     | 89.3  | 80.0  | 120.0 |

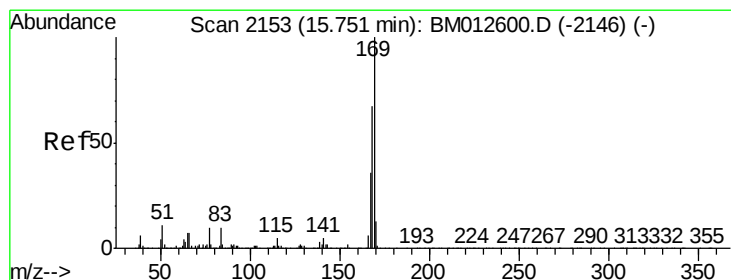
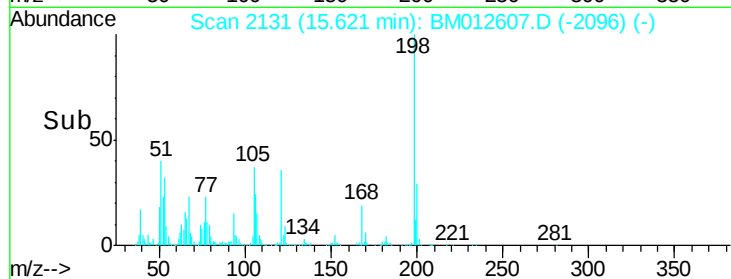
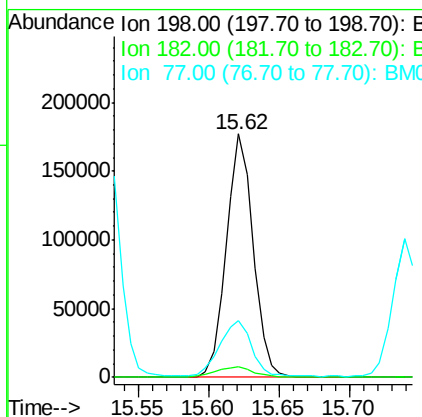
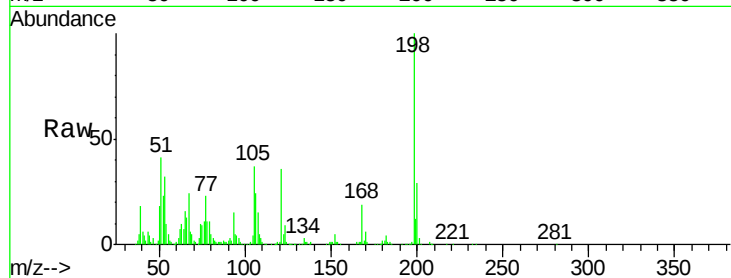




#63  
4,6-Dinitro-2-methylphenol  
Concen: 21.94 ng/ul  
RT: 15.62 min Scan# 2131  
Delta R.T. 0.01 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

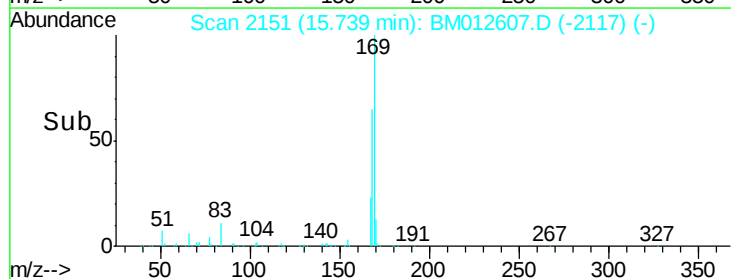
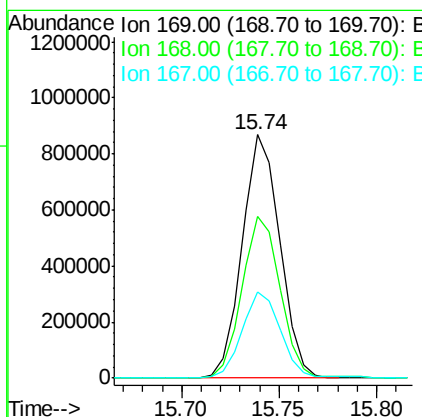
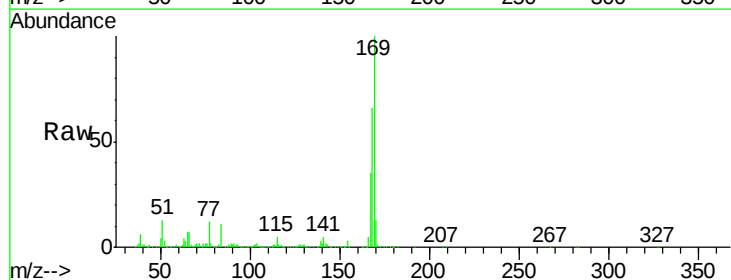
Instrument :  
BNA\_M  
ClientSampleId :

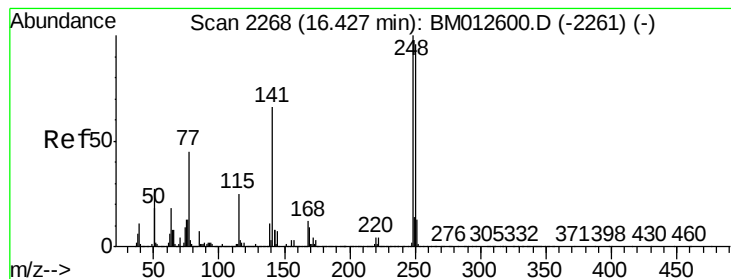
Tot Ion:198 Resp: 234000  
Ion Ratio Lower Upper  
198 100  
182 4.3 3.8 5.6  
77 23.4 25.2 37.8#



#64  
N-Nitrosodiphenylamine  
Concen: 19.93 ng/ul  
RT: 15.74 min Scan# 2151  
Delta R.T. 0.00 min  
Lab File: BM012607.D  
Acq: 31 Oct 2017 17:36

Tgt Ion:169 Resp: 1160669  
Ion Ratio Lower Upper  
169 100  
168 66.4 54.0 81.0  
167 35.4 29.1 43.7





#65

4-Bromophenyl-phenylether

Concen: 19.50 ng/ul

RT: 16.42 min Scan# 2267

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampled :

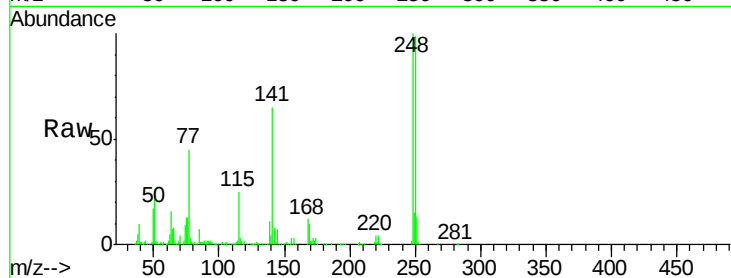
Tot Ion:248 Resp: 468107

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 248 | 100   |       |       |
| 250 | 99.4  | 80.5  | 120.7 |
| 141 | 64.7  | 53.6  | 80.4  |

248 100

250 99.4 80.5 120.7

141 64.7 53.6 80.4

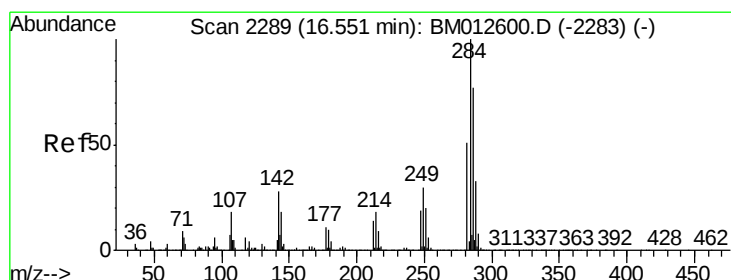
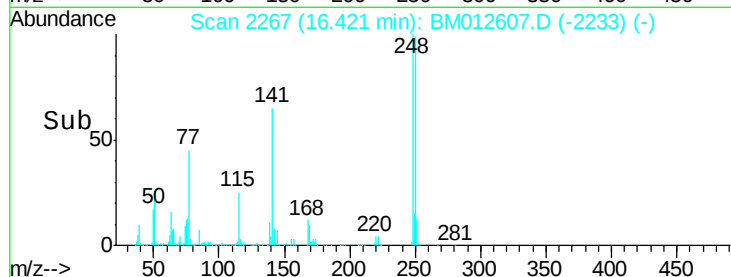
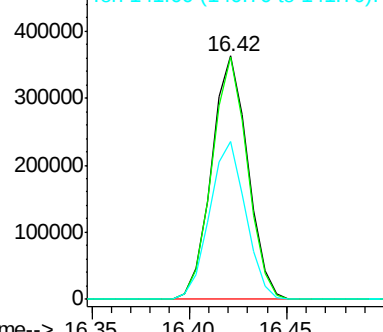


Abundance

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: 19.71 ng/ul

RT: 16.54 min Scan# 2287

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

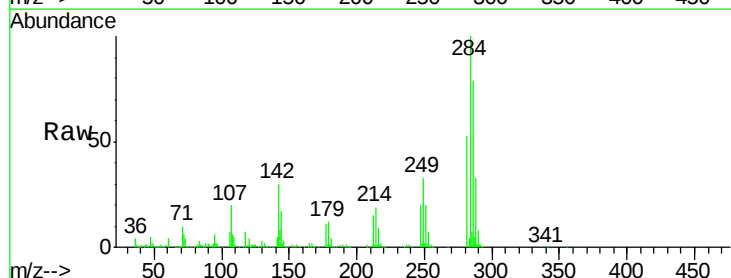
Tgt Ion:284 Resp: 523322

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 284 | 100   |       |       |
| 142 | 29.9  | 21.2  | 31.8  |
| 249 | 32.9  | 24.5  | 36.7  |

284 100

142 29.9 21.2 31.8

249 32.9 24.5 36.7

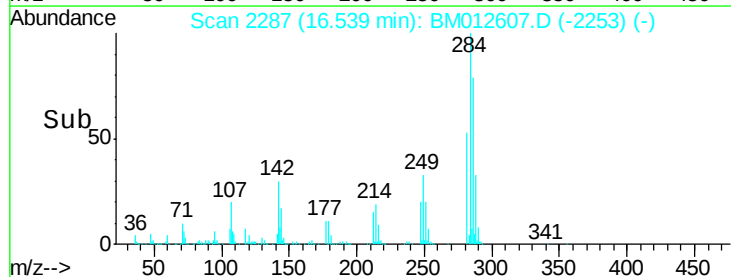
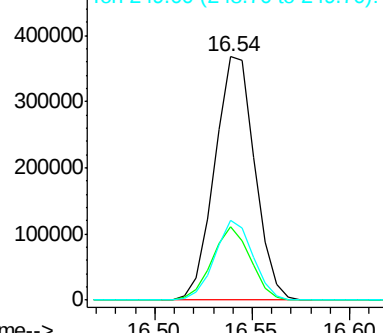


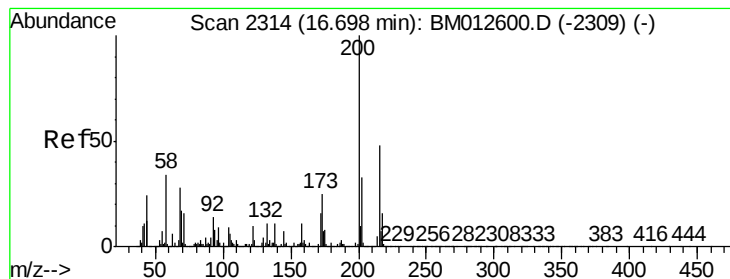
Abundance

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: 18.24 ng/ul

RT: 16.69 min Scan# 2313

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

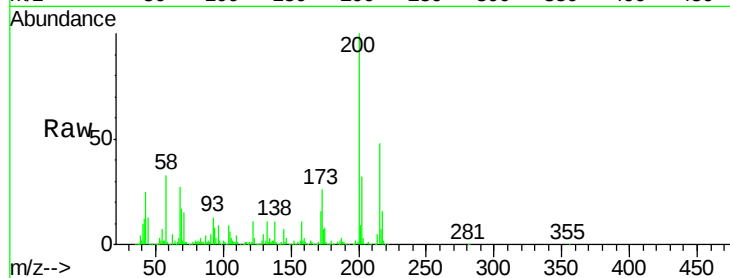
Tot Ion:200 Resp: 456724

Ion Ratio Lower Upper

200 100

173 25.8 18.2 27.2

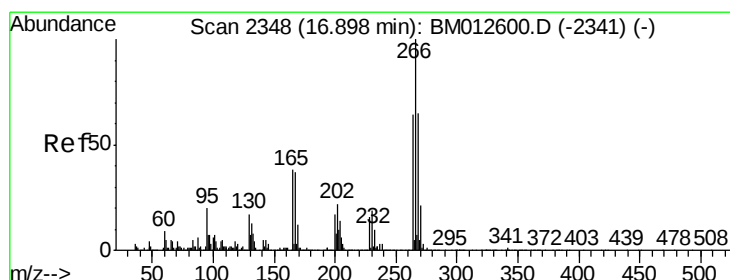
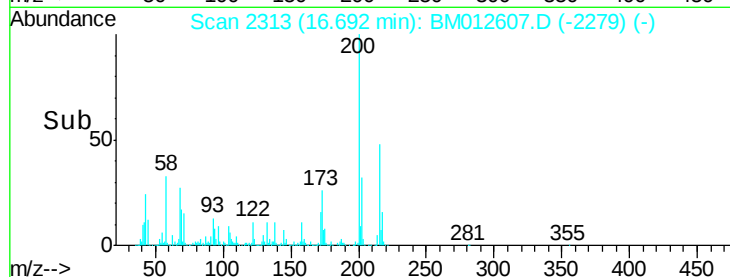
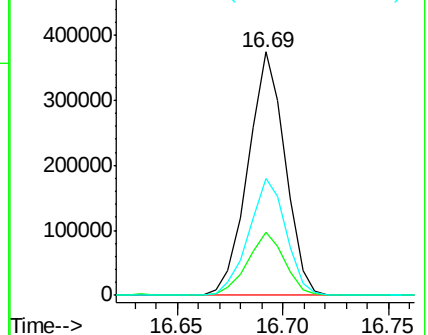
215 48.2 35.0 52.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#68

Pentachlorophenol

Concen: 21.23 ng/ul

RT: 16.89 min Scan# 2346

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

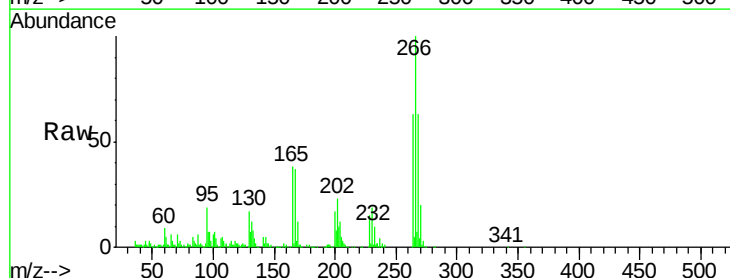
Tgt Ion:266 Resp: 308310

Ion Ratio Lower Upper

266 100

264 63.5 49.3 73.9

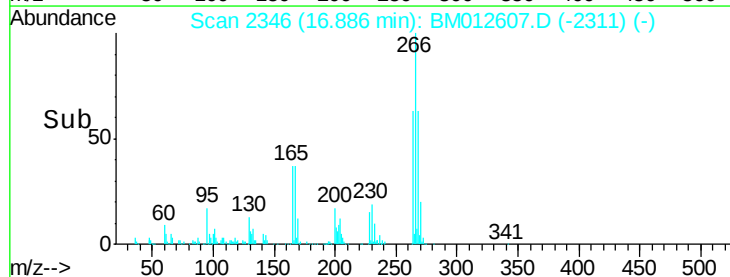
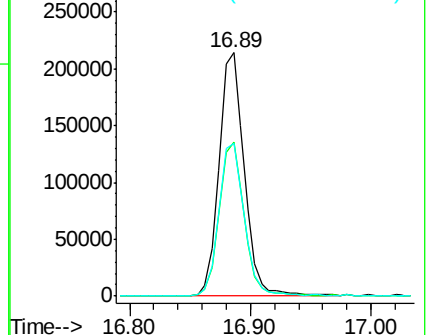
268 62.6 52.6 78.8

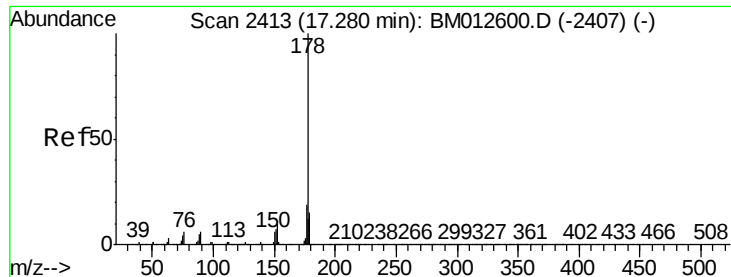


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.30 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

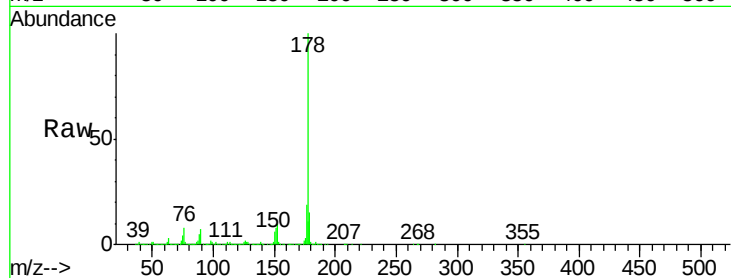
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 2091208

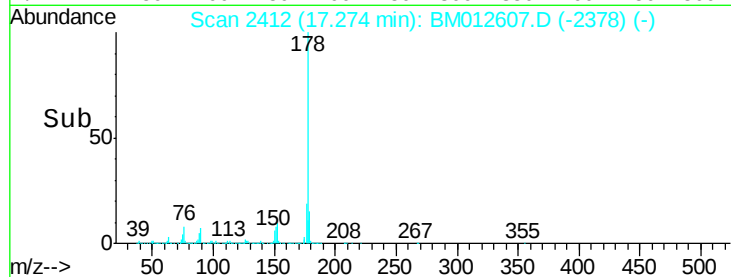
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.4  | 12.6  | 19.0  |
| 176 | 19.0  | 14.9  | 22.3  |



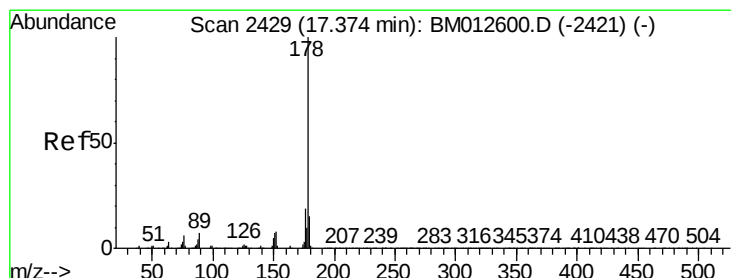
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.20 17.25 17.30 17.35



#71

Anthracene

Concen: 19.73 ng/ul

RT: 17.36 min Scan# 2427

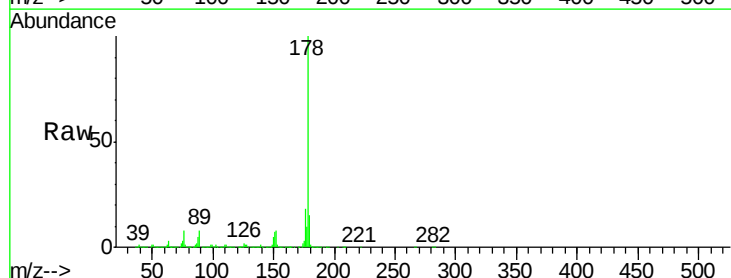
Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:178 Resp: 2210023

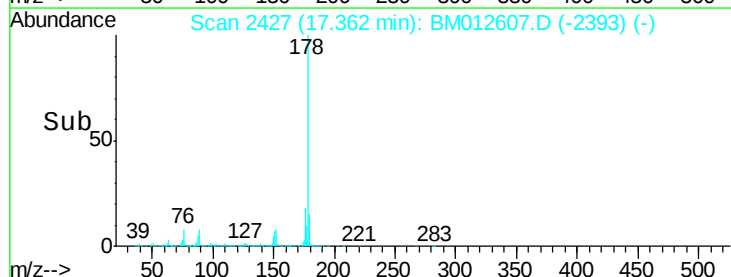
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.3  | 11.7  | 17.5  |
| 176 | 18.2  | 14.6  | 21.8  |



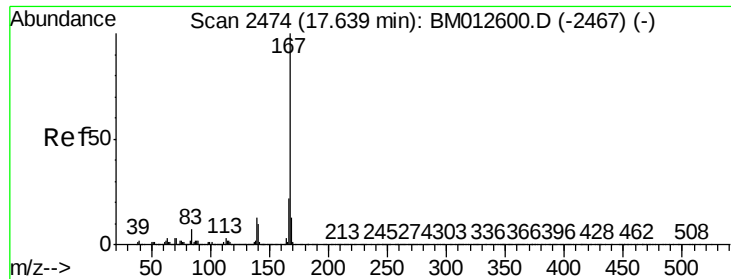
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time--> 17.30 17.40



#72

Carbazole

Concen: 20.08 ng/ul

RT: 17.63 min Scan# 2473

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

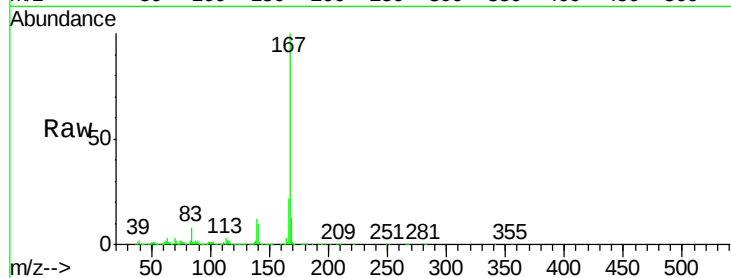
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:167 Resp: 1862993

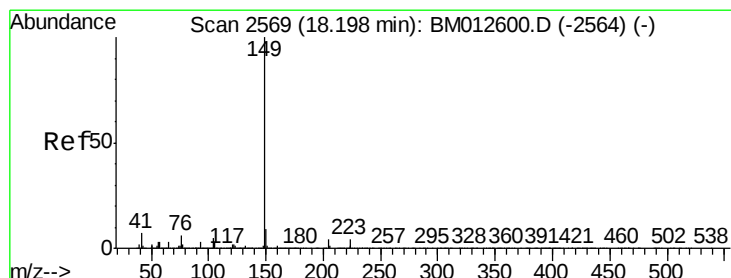
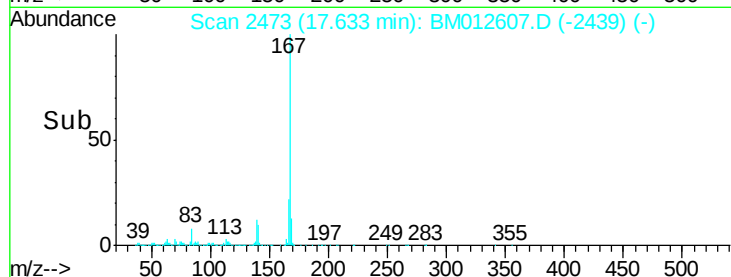
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.7  | 17.1  | 25.7  |
| 139 | 12.1  | 10.0  | 15.0  |



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: 18.63 ng/ul

RT: 18.19 min Scan# 2568

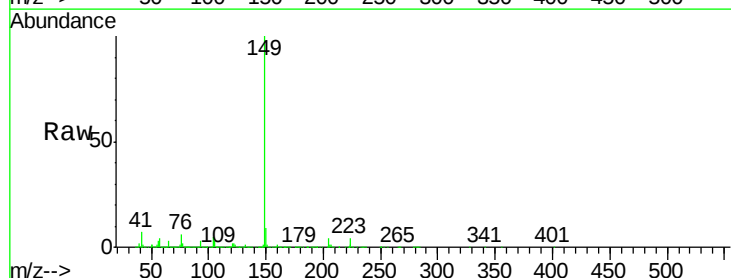
Delta R.T. -0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:149 Resp: 2204197

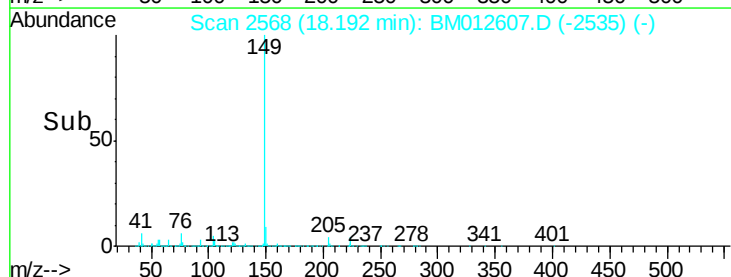
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 9.3   | 7.1   | 10.7  |
| 104 | 5.2   | 5.6   | 8.4   |

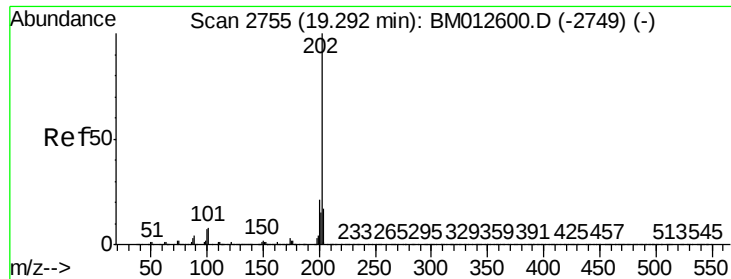


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

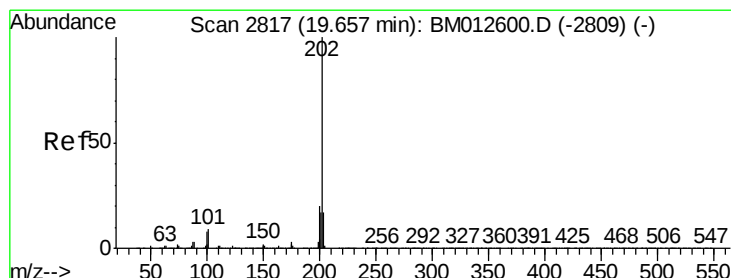
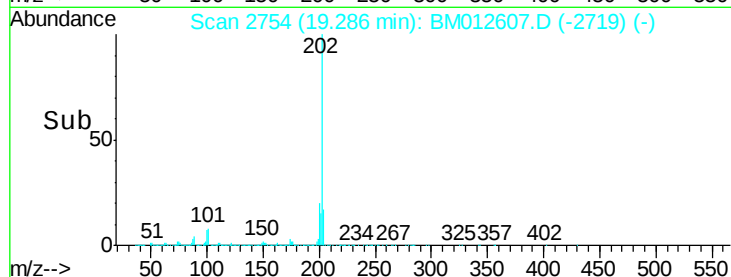
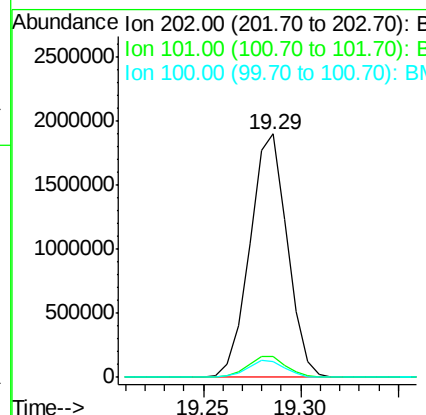
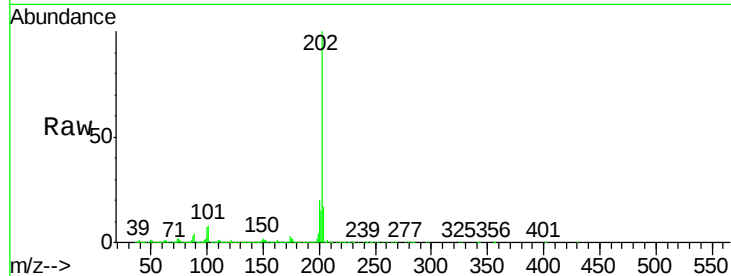




#74  
 Fluoranthene  
 Concen: 20.49 ng/ul  
 RT: 19.29 min Scan# 2754  
 Delta R.T. 0.01 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

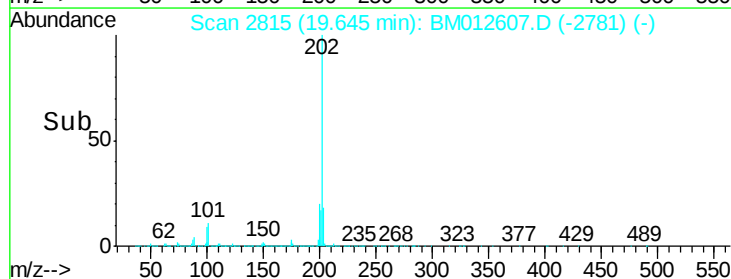
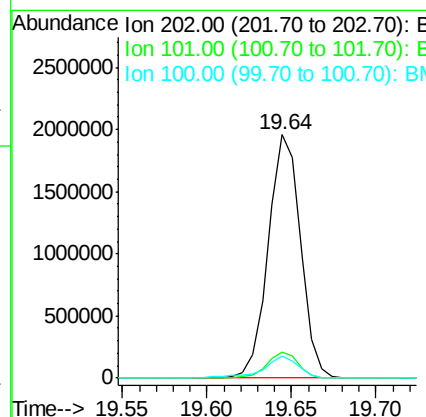
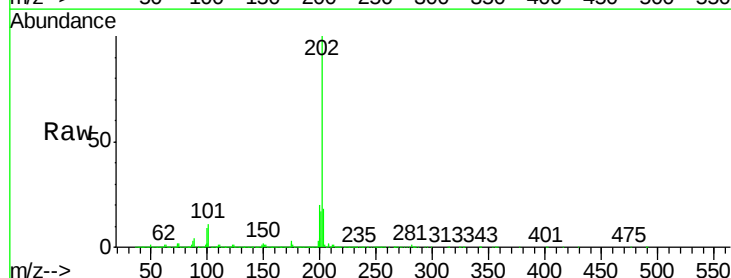
Instrument :  
 BNA\_M  
 ClientSampleId :

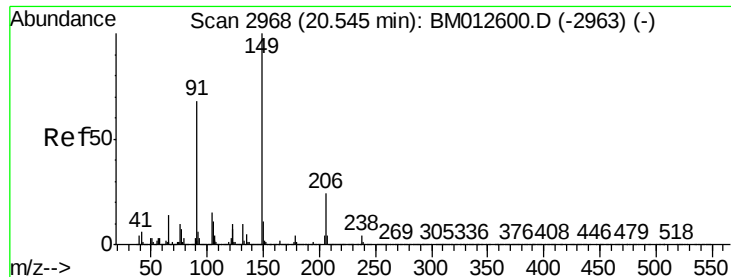
Tot Ion:202 Resp: 2516550  
 Ion Ratio Lower Upper  
 202 100  
 101 8.4 4.6 7.0#  
 100 6.6 3.4 5.2#



#77  
 Pyrene  
 Concen: 20.04 ng/ul  
 RT: 19.64 min Scan# 2815  
 Delta R.T. 0.00 min  
 Lab File: BM012607.D  
 Acq: 31 Oct 2017 17:36

Tgt Ion:202 Resp: 2592423  
 Ion Ratio Lower Upper  
 202 100  
 101 10.6 5.1 7.7#  
 100 8.9 4.9 7.3#





#78

Butylbenzylphthalate

Concen: 19.59 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

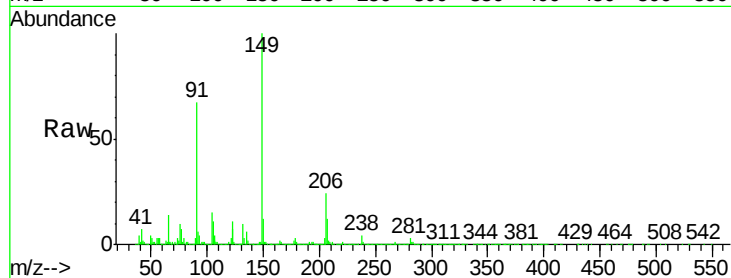
Tot Ion:149 Resp: 998301

Ion Ratio Lower Upper

149 100

91 67.4 62.7 94.1

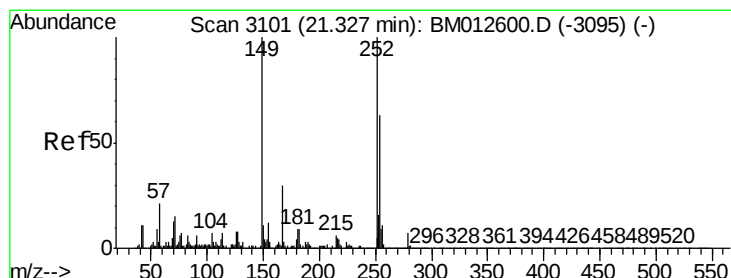
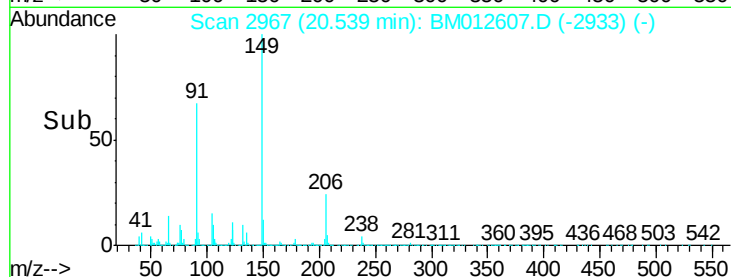
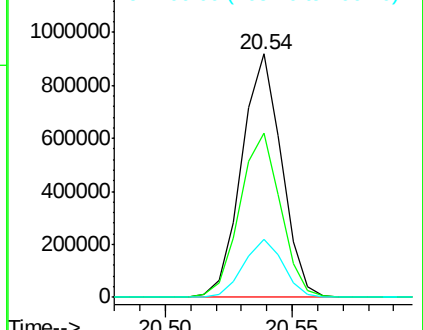
206 23.7 20.8 31.2



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: 18.78 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

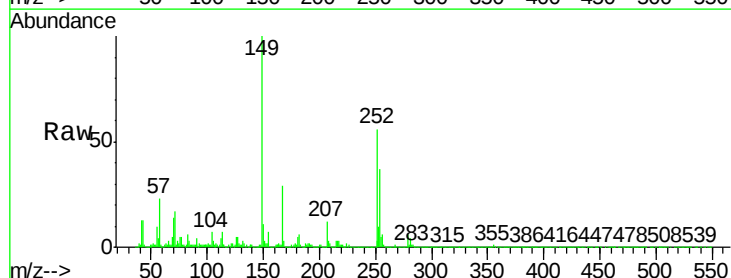
Tgt Ion:252 Resp: 937752

Ion Ratio Lower Upper

252 100

254 65.5 54.5 81.7

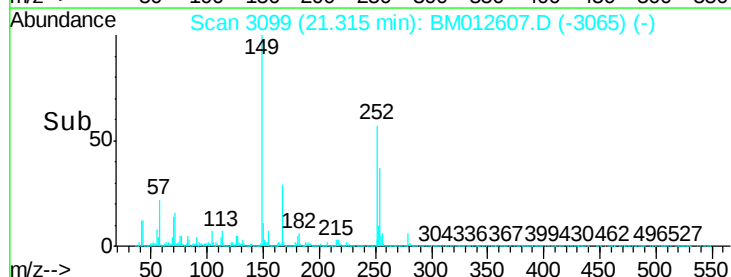
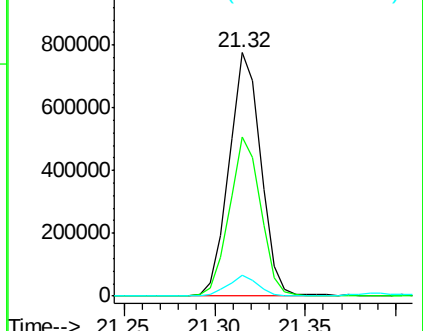
126 8.8 5.8 8.8#

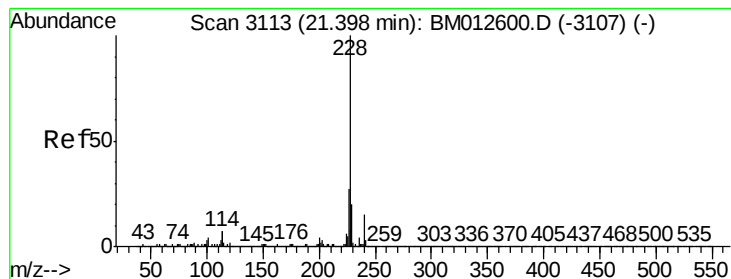


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#80

Benzo(a)anthracene

Concen: 19.57 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

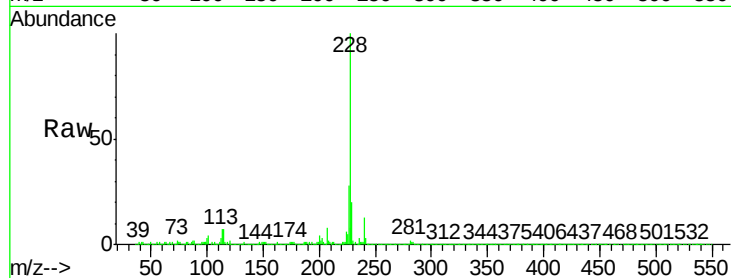
Tot Ion:228 Resp: 2665581

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 20.2  | 15.4  | 23.0  |
| 226 | 27.5  | 21.4  | 32.0  |

228 100

229 20.2 15.4 23.0

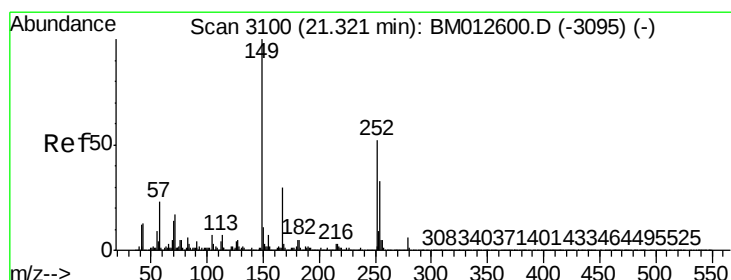
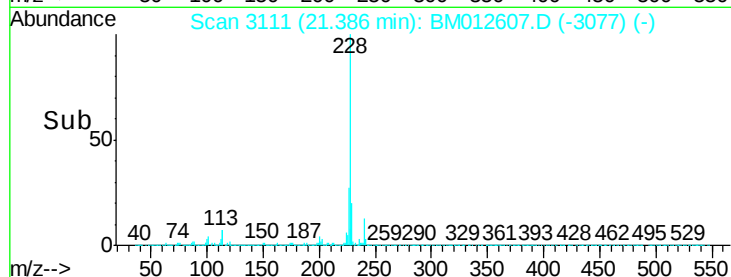
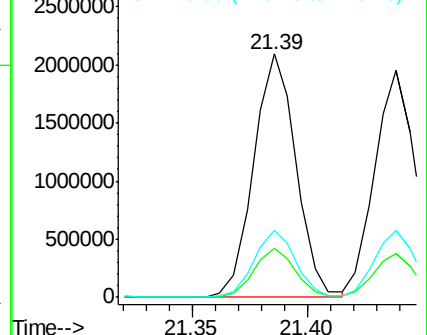
226 27.5 21.4 32.0



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: 19.24 ng/ul

RT: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

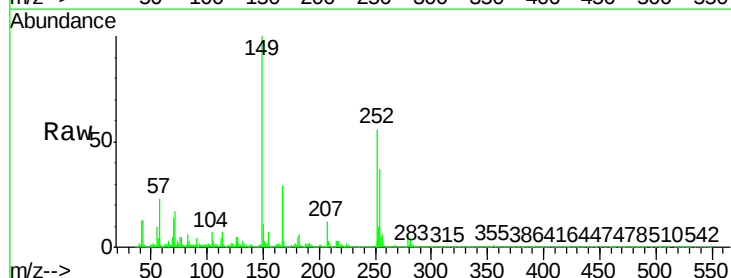
Tgt Ion:149 Resp: 1491873

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.9  | 22.8  | 34.2  |
| 279 | 6.0   | 4.9   | 7.3   |

149 100

167 28.9 22.8 34.2

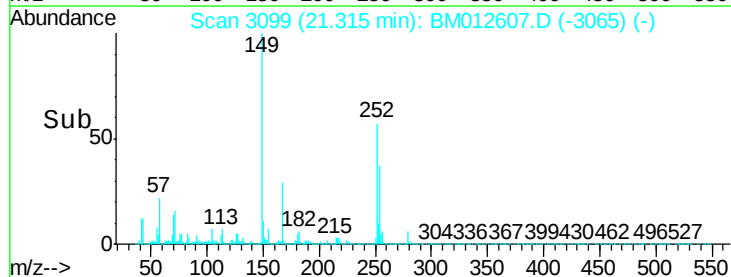
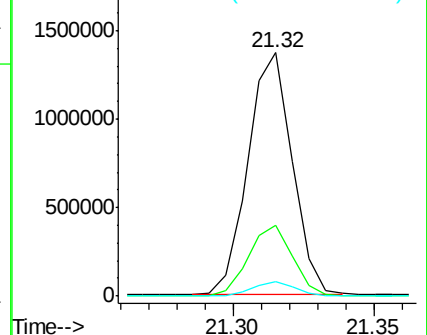
279 6.0 4.9 7.3

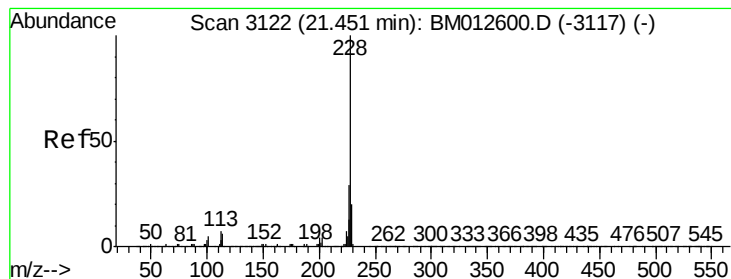


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 19.76 ng/ul

RT: 21.44 min Scan# 3120

Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

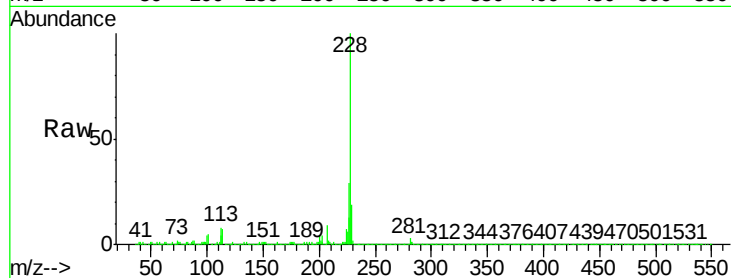
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 2393086

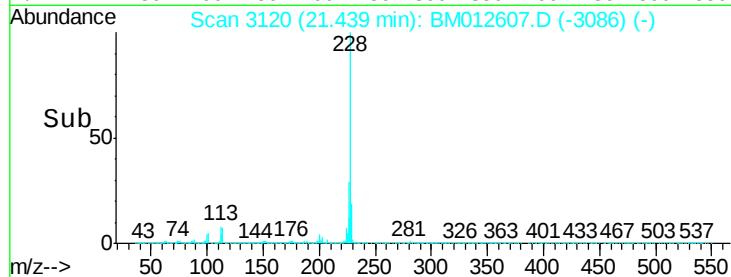
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.2  | 23.4  | 35.2  |
| 229 | 19.4  | 15.5  | 23.3  |



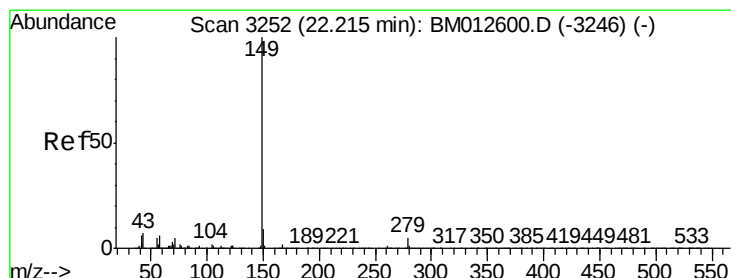
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Di-n-octyl phthalate

Concen: 19.01 ng/ul

RT: 22.21 min Scan# 3251

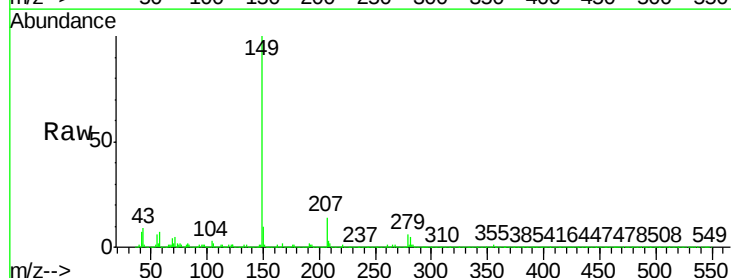
Delta R.T. 0.00 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Tgt Ion:149 Resp: 2514064

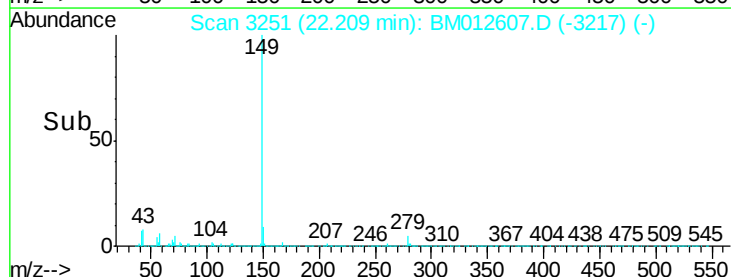
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.8   | 1.3   | 1.9   |
| 43  | 8.6   | 7.3   | 10.9  |



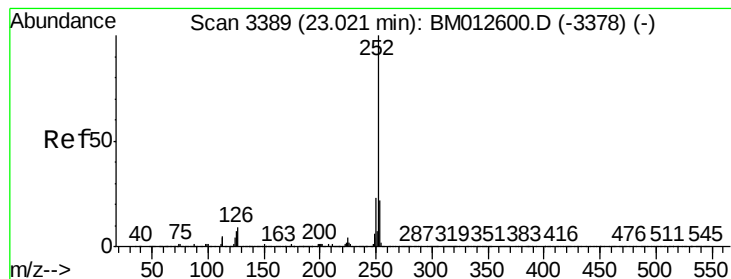
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



Time-->



#85

Benzo(b)fluoranthene

Concen: 18.90 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

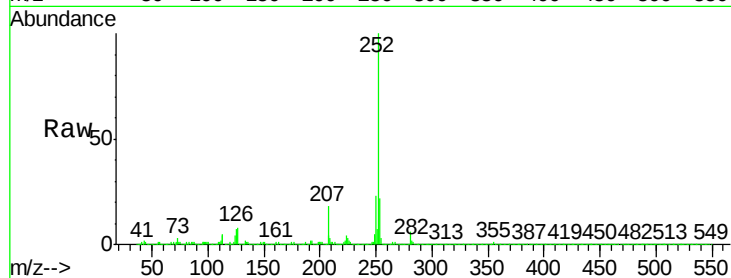
Tot Ion:252 Resp: 2978784

Ion Ratio Lower Upper

252 100

253 21.7 17.9 26.9

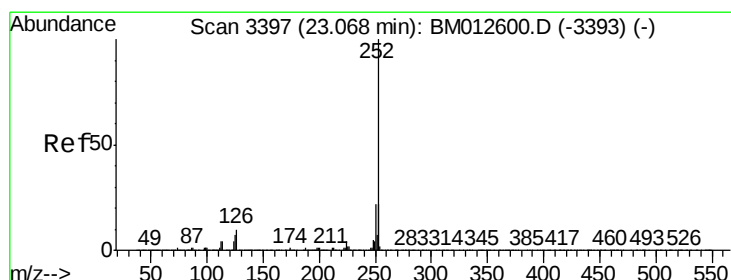
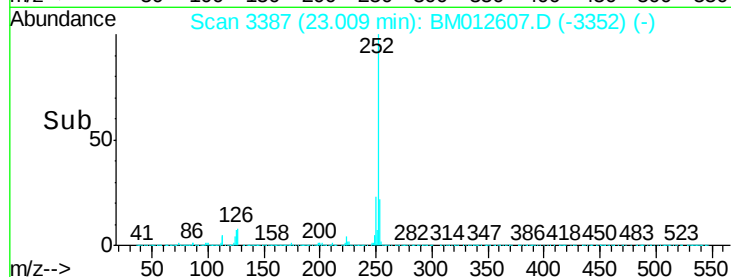
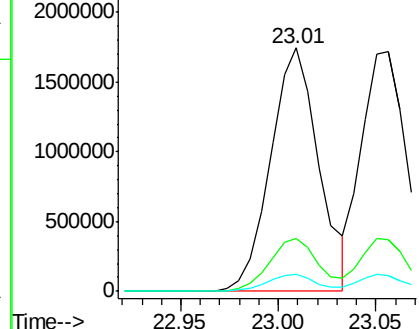
125 6.8 3.6 5.4#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#86

Benzo(k)fluoranthene

Concen: 18.37 ng/ul

RT: 23.06 min Scan# 3395

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

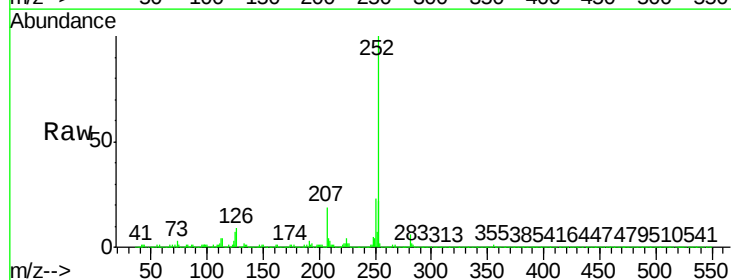
Tgt Ion:252 Resp: 2723803

Ion Ratio Lower Upper

252 100

253 21.7 17.1 25.7

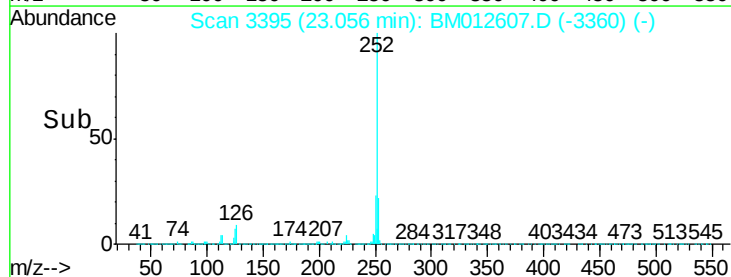
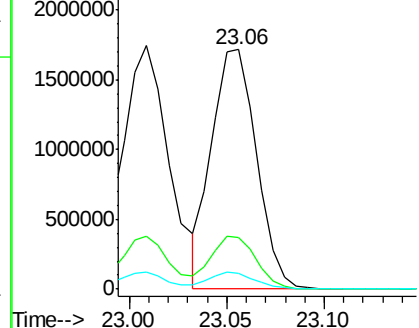
125 6.8 3.4 5.2#

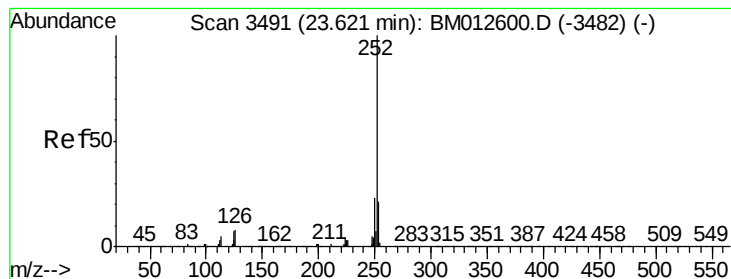


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 18.81 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

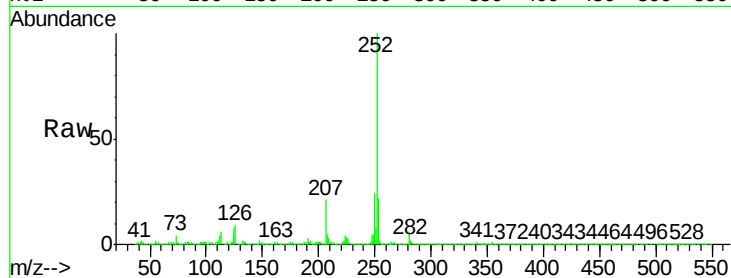
Tot Ion:252 Resp: 2826571

Ion Ratio Lower Upper

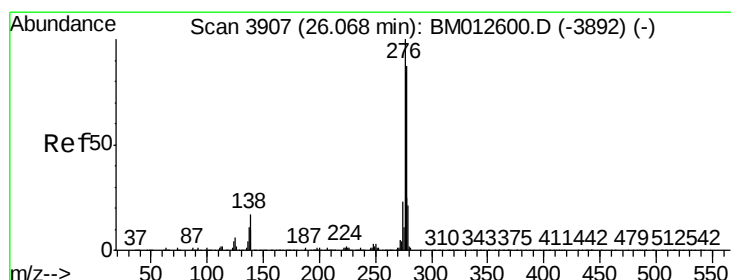
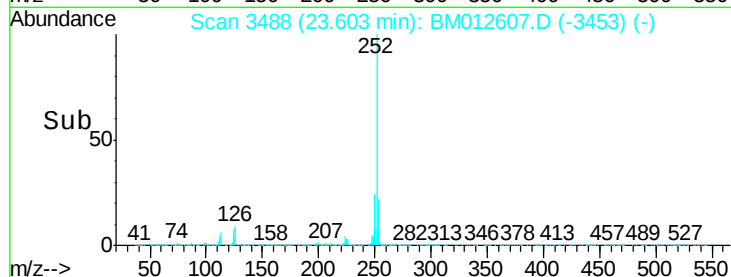
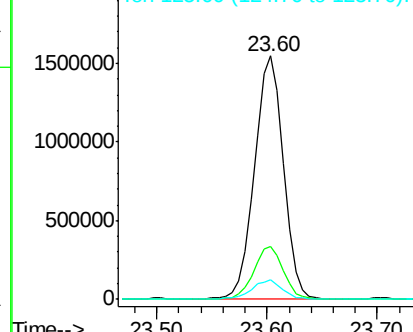
252 100

253 21.9 18.2 27.2

125 7.8 4.0 6.0#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 253.00 (252.70 to 253.70): E  
Ion 125.00 (124.70 to 125.70): E



#89

Indeno(1,2,3-cd)pyrene

Concen: 20.11 ng/ul

RT: 26.04 min Scan# 3903

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

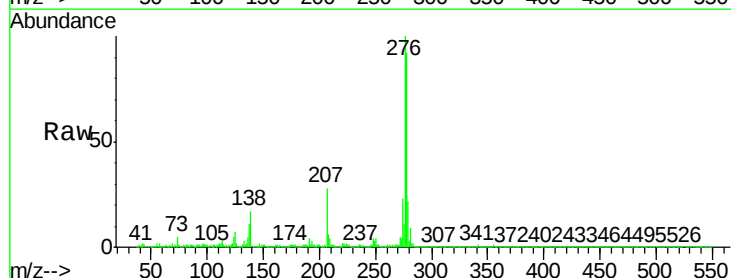
Tgt Ion:276 Resp: 3555260

Ion Ratio Lower Upper

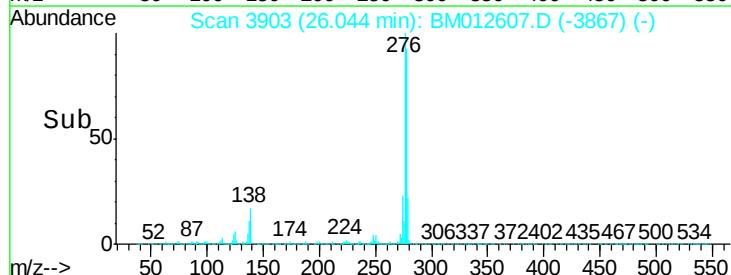
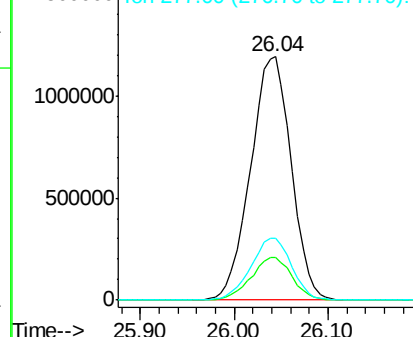
276 100

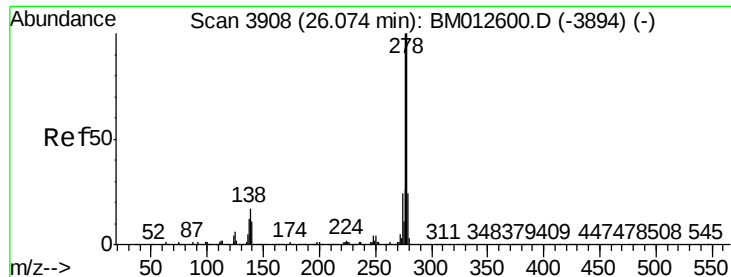
138 17.5 9.3 13.9#

277 25.5 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: 19.98 ng/ul

RT: 26.05 min Scan# 3904

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

Instrument :

BNA\_M

ClientSampleId :

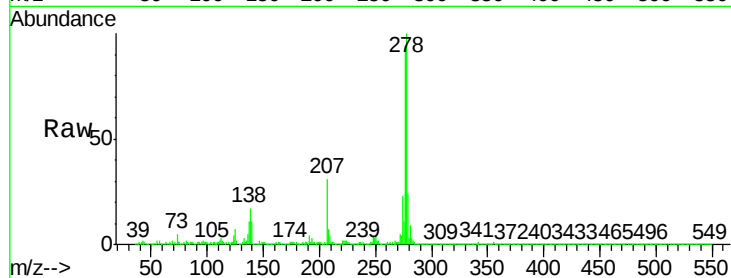
Tot Ion:278 Resp: 2994619

Ion Ratio Lower Upper

278 100

139 11.2 5.8 8.8#

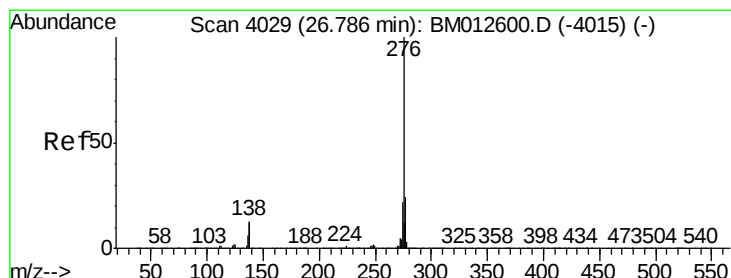
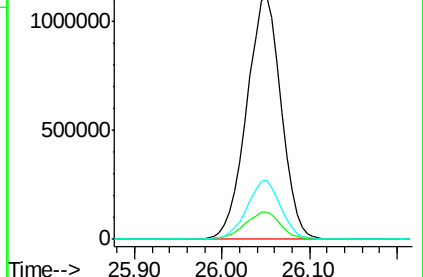
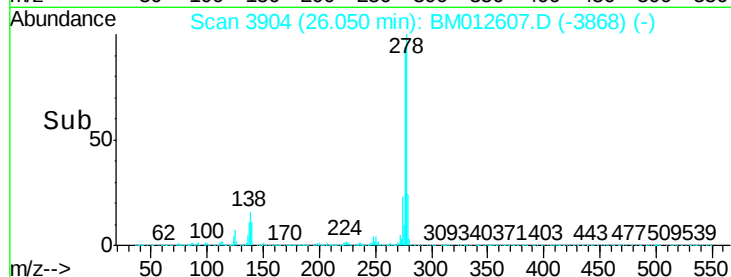
279 24.3 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 20.47 ng/ul

RT: 26.76 min Scan# 4024

Delta R.T. 0.01 min

Lab File: BM012607.D

Acq: 31 Oct 2017 17:36

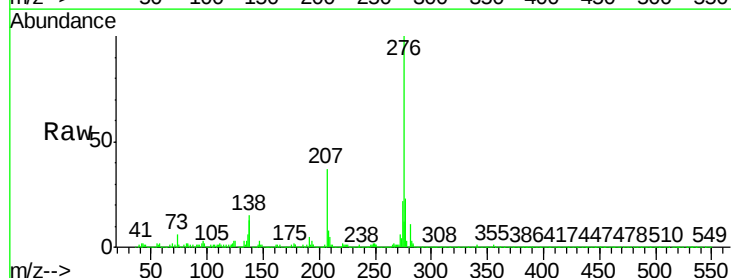
Tgt Ion:276 Resp: 2933265

Ion Ratio Lower Upper

276 100

138 14.9 8.5 12.7#

277 23.5 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

