

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
 Data File : BM012265.D  
 Acq On : 18 Oct 2017 01:11  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 18 08:00:48 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 02:19:46 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.79  | 152  | 141102   | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.59 | 136  | 483173   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.44 | 164  | 328814   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.19 | 188  | 1011032  | 20.00 | ng/ul | 0.00     |
| 75) Chrysene-d12          | 21.37 | 240  | 1072882  | 20.00 | ng/ul | 0.00     |
| 83) Perylene-d12          | 23.67 | 264  | 1011456  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |      |
|--------------------------------|-------|-----|---------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 3.20  | 96  | 14710   | 4.95  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.96  | 99  | 218474  | 19.08 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.12  | 67  | 122392  | 17.83 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 7.32  | 132 | 178013  | 18.33 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.50  | 113 | 193151  | 19.60 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.96  | 128 | 70525   | 19.13 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.68  | 143 | 85396   | 19.82 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 10.22 | 165 | 175439  | 21.33 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.73 | 131 | 196475  | 25.52 | ng/ul | 0.00 |
| 43) Dimethylphthalate-d6       | 13.85 | 166 | 580421  | 19.97 | ng/ul | 0.00 |
| 46) Acenaphthylene-d8          | 14.13 | 160 | 692817  | 19.69 | ng/ul | 0.00 |
| 51) 4-Nitrophenol-d4           | 14.67 | 143 | 79108   | 18.11 | ng/ul | 0.00 |
| 57) Fluorene-d10               | 15.43 | 176 | 494289  | 20.72 | ng/ul | 0.00 |
| 62) 4,6-Dinitro-2-methylphenol | 15.58 | 200 | 102264  | 14.74 | ng/ul | 0.00 |
| 70) Anthracene-d10             | 17.29 | 188 | 980411  | 19.61 | ng/ul | 0.00 |
| 76) Pyrene-d10                 | 19.59 | 212 | 1004932 | 18.45 | ng/ul | 0.00 |
| 87) Benzo(a)pyrene-d12         | 23.53 | 264 | 972100  | 19.94 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |        |        | Ovalue |     |
|--------------------------------|-------|-----|--------|--------|--------|-----|
| 2) 1,4-Dioxane                 | 3.24  | 88  | 15396  | 5.082  | ng/uL  | 96  |
| 4) Benzaldehyde                | 6.93  | 77  | 144916 | 18.943 | ng/ul  | 96  |
| 6) Phenol                      | 6.99  | 94  | 219648 | 18.559 | ng/ul  | 98  |
| 8) Bis(2-Chloroethyl)ether     | 7.21  | 93  | 161214 | 17.875 | ng/ul  | 94  |
| 10) 2-Chlorophenol             | 7.35  | 128 | 183716 | 18.537 | ng/ul  | 95  |
| 11) 2-Methylphenol             | 8.23  | 108 | 178438 | 20.046 | ng/ul  | 99  |
| 12) 2,2'-oxybis(1-Chloropropan | 8.32  | 45  | 203804 | 17.796 | ng/ul  | 94  |
| 14) Acetophenone               | 8.62  | 105 | 252819 | 16.877 | ng/ul  | 95  |
| 15) N-Nitroso-di-n-propylamine | 8.60  | 70  | 133765 | 16.661 | ng/ul  | 99  |
| 16) 4-Methylphenol             | 8.57  | 108 | 178477 | 18.195 | ng/ul  | 97  |
| 17) Hexachloroethane           | 8.86  | 117 | 58049  | 13.880 | ng/ul  | 97  |
| 20) Nitrobenzene               | 9.00  | 77  | 162994 | 17.792 | ng/ul  | 97  |
| 21) Isophorone                 | 9.52  | 82  | 306994 | 17.937 | ng/ul  | 98  |
| 23) 2-Nitrophenol              | 9.71  | 139 | 88554  | 19.166 | ng/ul  | 95  |
| 24) 2,4-Dimethylphenol         | 9.77  | 107 | 181329 | 19.474 | ng/ul  | 97  |
| 25) Bis(2-Chloroethoxy)methane | 10.00 | 93  | 185913 | 18.525 | ng/ul  | 99  |
| 27) 2,4-Dichlorophenol         | 10.25 | 162 | 172414 | 21.278 | ng/ul  | 97  |
| 28) Naphthalene                | 10.63 | 128 | 484870 | 19.396 | ng/ul  | 98  |
| 30) 4-Chloroaniline            | 10.76 | 127 | 194101 | 25.639 | ng/ul  | 98  |
| 31) Hexachlorobutadiene        | 10.90 | 225 | 126085 | 20.995 | ng/ul  | 97  |
| 32) Caprolactam                | 11.55 | 113 | 32333  | 12.640 | ng/ul  | 85  |
| 33) 4-Chloro-3-methylphenol    | 11.89 | 107 | 176084 | 20.741 | ng/ul  | 100 |
| 34) 2-Methylnaphthalene        | 12.26 | 142 | 383374 | 20.323 | ng/ul  | 96  |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101717\  
 Data File : BM012265.D  
 Acq On : 18 Oct 2017 01:11  
 Operator : SJ/JU  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

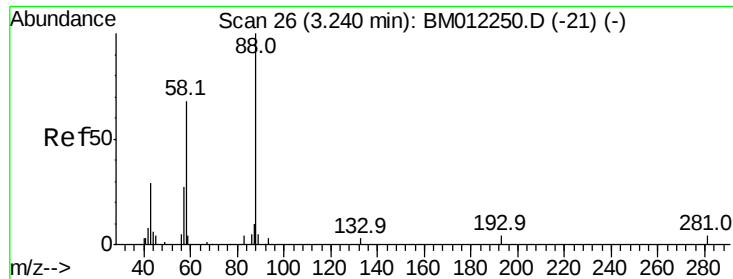
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Oct 18 08:00:48 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Oct 18 02:19:46 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|--------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.63 | 216  | 248369   | 20.808 | ng/ul  | 99       |
| 37) Hexachlorocyclopentadiene  | 12.59 | 237  | 140036   | 26.323 | ng/ul  | 99       |
| 38) 2,4,6-Trichlorophenol      | 12.87 | 196  | 162385   | 20.519 | ng/ul  | 100      |
| 39) 2,4,5-Trichlorophenol      | 12.96 | 196  | 173072   | 21.250 | ng/ul  | 100      |
| 40) 1,1'-Biphenyl              | 13.27 | 154  | 529679   | 19.087 | ng/ul  | 99       |
| 41) 2-Chloronaphthalene        | 13.32 | 162  | 423147   | 19.433 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.53 | 65   | 106955   | 17.653 | ng/ul  | 99       |
| 44) Dimethylphthalate          | 13.90 | 163  | 578477   | 19.868 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.03 | 165  | 119947   | 20.755 | ng/ul  | 99       |
| 47) Acenaphthylene             | 14.16 | 152  | 671777   | 19.447 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.37 | 138  | 103703   | 23.064 | ng/ul  | 95       |
| 49) Acenaphthene               | 14.50 | 153  | 455076   | 19.558 | ng/ul  | 99       |
| 50) 2,4-Dinitrophenol          | 14.59 | 184  | 74157    | 22.596 | ng/ul  | 93       |
| 52) 4-Nitrophenol              | 14.69 | 109  | 67063    | 17.080 | ng/ul  | 97       |
| 53) Dibenzofuran               | 14.84 | 168  | 673466   | 20.101 | ng/ul  | 98       |
| 54) 2,4-Dinitrotoluene         | 14.83 | 165  | 182745   | 21.817 | ng/ul# | 96       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.07 | 232  | 163603   | 21.950 | ng/ul  | 98       |
| 56) Diethylphthalate           | 15.26 | 149  | 587782   | 18.676 | ng/ul  | 99       |
| 58) Fluorene                   | 15.49 | 166  | 572531   | 20.576 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.48 | 204  | 316336   | 21.641 | ng/ul  | 98       |
| 60) 4-Nitroaniline             | 15.53 | 138  | 105315   | 18.969 | ng/ul  | 99       |
| 63) 4,6-Dinitro-2-methylphenol | 15.60 | 198  | 107695   | 14.702 | ng/ul  | 98       |
| 64) N-Nitrosodiphenylamine     | 15.70 | 169  | 501951   | 15.861 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.37 | 248  | 244233   | 20.180 | ng/ul  | 95       |
| 66) Hexachlorobenzene          | 16.50 | 284  | 267595   | 19.517 | ng/ul  | 98       |
| 67) Atrazine                   | 16.65 | 200  | 264261   | 19.971 | ng/ul  | 98       |
| 68) Pentachlorophenol          | 16.85 | 266  | 130240   | 17.032 | ng/ul  | 96       |
| 69) Phenanthrene               | 17.23 | 178  | 1143917  | 19.889 | ng/ul  | 99       |
| 71) Anthracene                 | 17.32 | 178  | 1155273  | 19.402 | ng/ul  | 100      |
| 72) Carbazole                  | 17.60 | 167  | 1035668  | 20.552 | ng/ul  | 99       |
| 73) Di-n-butylphthalate        | 18.14 | 149  | 1300138  | 18.583 | ng/ul  | 100      |
| 74) Fluoranthene               | 19.25 | 202  | 1221311  | 17.596 | ng/ul  | 100      |
| 77) Pyrene                     | 19.62 | 202  | 1269146  | 17.912 | ng/ul  | 99       |
| 78) Butylbenzylphthalate       | 20.50 | 149  | 515432   | 16.342 | ng/ul  | 97       |
| 79) 3,3'-Dichlorobenzidine     | 21.29 | 252  | 421864   | 19.757 | ng/ul  | 100      |
| 80) Benzo(a)anthracene         | 21.36 | 228  | 1354154  | 19.397 | ng/ul  | 99       |
| 81) Bis(2-ethylhexyl)phthalate | 21.26 | 149  | 768586   | 16.240 | ng/ul  | 99       |
| 82) Chrysene                   | 21.41 | 228  | 1235130  | 18.844 | ng/ul  | 99       |
| 84) Di-n-octyl phthalate       | 22.15 | 149  | 1364954  | 18.458 | ng/ul  | 99       |
| 85) Benzo(b)fluoranthene       | 22.97 | 252  | 1313978  | 19.907 | ng/ul  | 99       |
| 86) Benzo(k)fluoranthene       | 23.02 | 252  | 1285252  | 20.206 | ng/ul  | 99       |
| 88) Benzo(a)pyrene             | 23.57 | 252  | 1226340  | 19.712 | ng/ul  | 99       |
| 89) Indeno(1,2,3-cd)pyrene     | 26.02 | 276  | 1176453  | 17.808 | ng/ul  | 98       |
| 90) Dibenzo(a,h)anthracene     | 26.02 | 278  | 971464   | 17.492 | ng/ul  | 98       |
| 91) Benzo(g,h,i)perylene       | 26.74 | 276  | 945459   | 17.473 | ng/ul  | 99       |

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





#2

1,4-Dioxane

Concen: 5.082 ng/uL

RT: 3.24 min Scan# 26

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

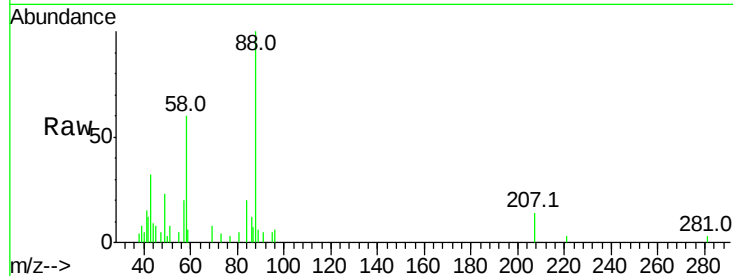
Tot Ion: 88 Resp: 15396

Ion Ratio Lower Upper

88 100

43 25.6 22.8 34.2

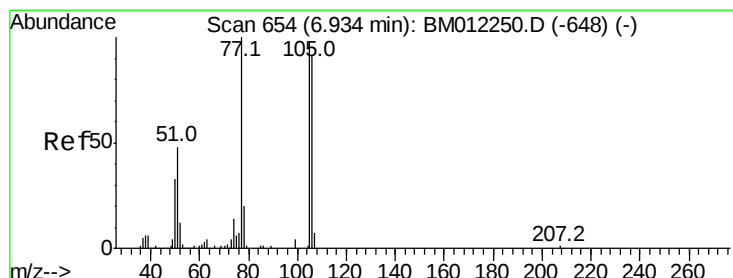
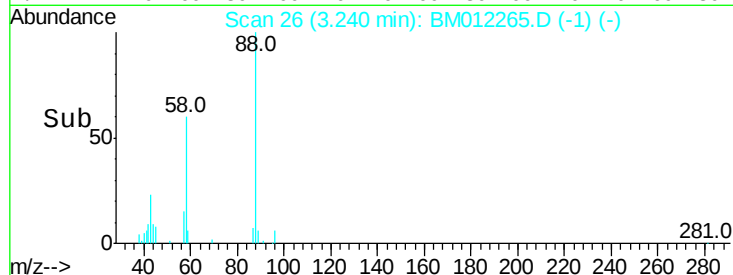
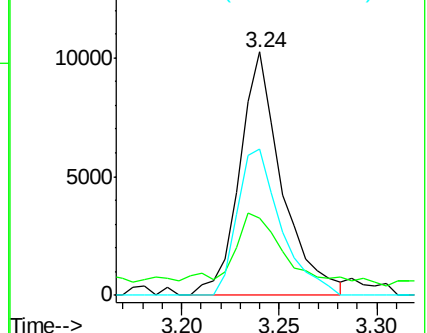
58 61.8 51.8 77.6



Abundance Ion 88.00 (87.70 to 88.70): BM012265.D (-21) (-)

Ion 43.00 (42.70 to 43.70): BM012265.D (-21) (-)

Ion 58.00 (57.70 to 58.70): BM012265.D (-21) (-)



#4

Benzaldehyde

Concen: 18.943 ng/uL

RT: 6.93 min Scan# 654

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

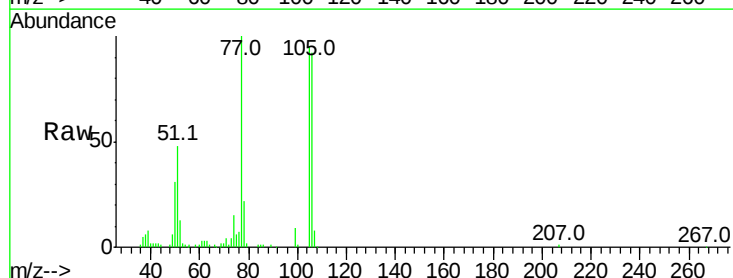
Tgt Ion: 77 Resp: 144916

Ion Ratio Lower Upper

77 100

105 94.6 78.4 117.6

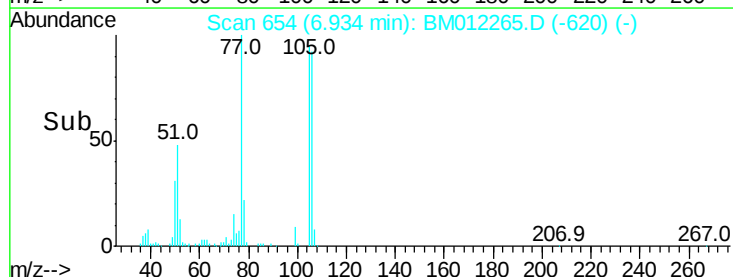
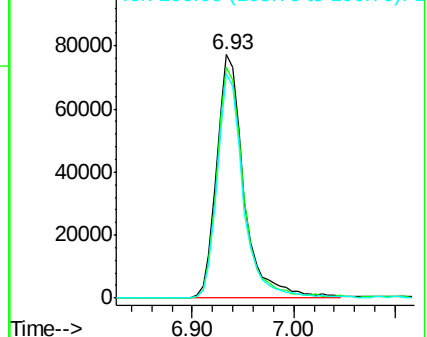
106 92.3 70.6 106.0

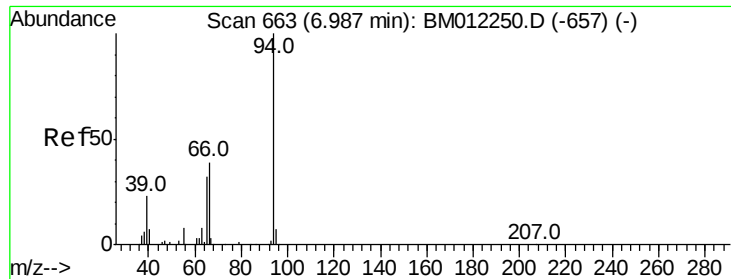


Abundance Ion 77.00 (76.70 to 77.70): BM012265.D (-648) (-)

Ion 105.00 (104.70 to 105.70): BM012265.D (-648) (-)

Ion 106.00 (105.70 to 106.70): BM012265.D (-648) (-)





#6

Phenol

Concen: 18.559 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

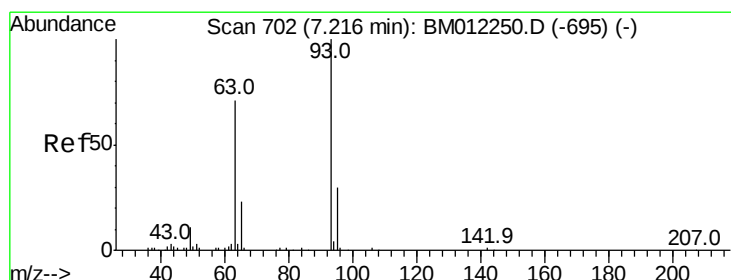
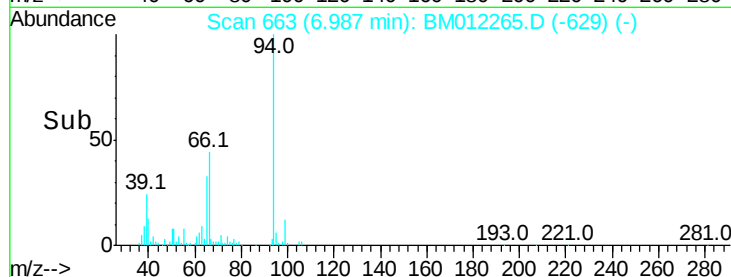
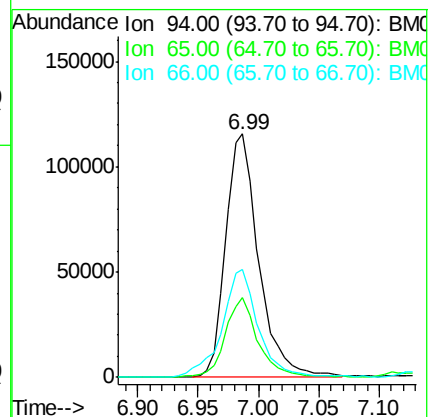
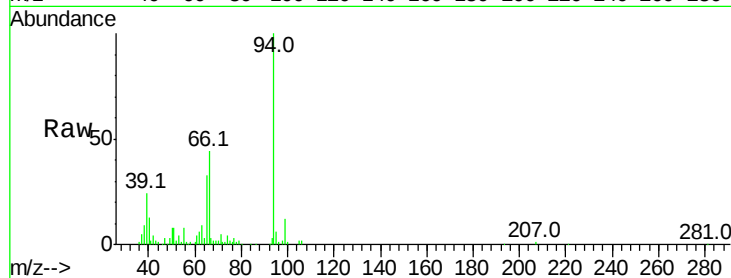
Tot Ion: 94 Resp: 219648

Ion Ratio Lower Upper

94 100

65 32.6 24.4 36.6

66 44.3 35.0 52.4



#8

Bis(2-Chloroethyl)ether

Concen: 17.875 ng/ul

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

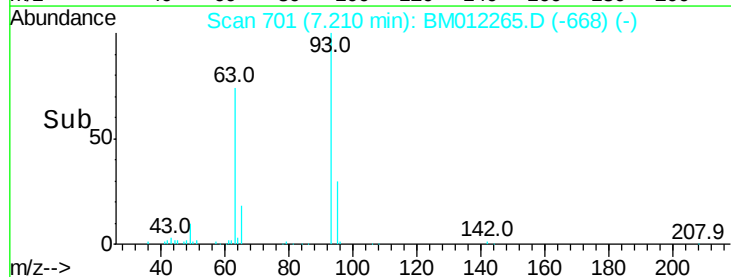
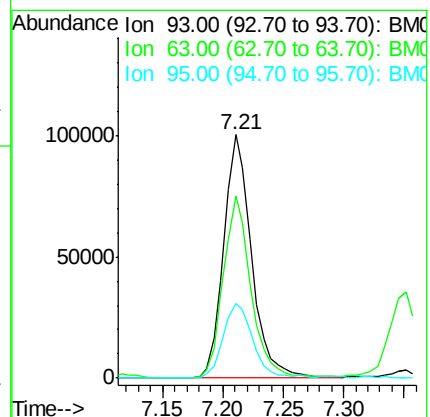
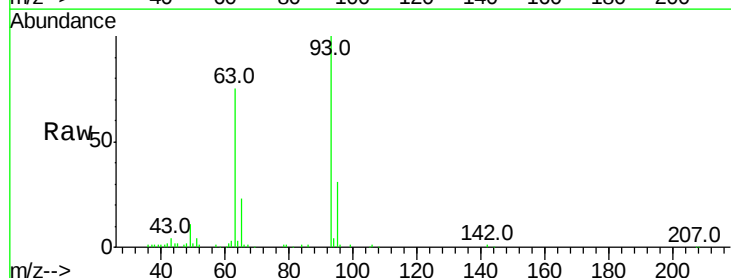
Tgt Ion: 93 Resp: 161214

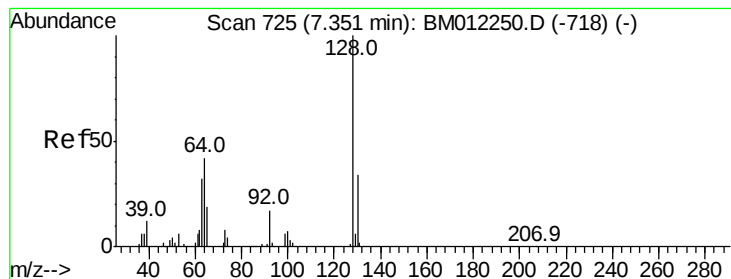
Ion Ratio Lower Upper

93 100

63 74.7 54.6 82.0

95 30.8 25.8 38.6





#10

2-Chlorophenol

Concen: 18.537 ng/ul

RT: 7.35 min Scan# 725

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampled :

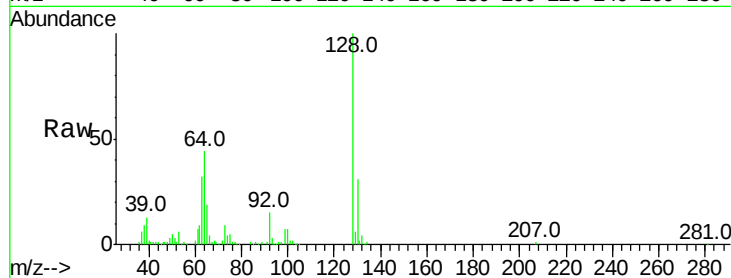
Tot Ion:128 Resp: 183716

Ion Ratio Lower Upper

128 100

64 44.1 32.7 49.1

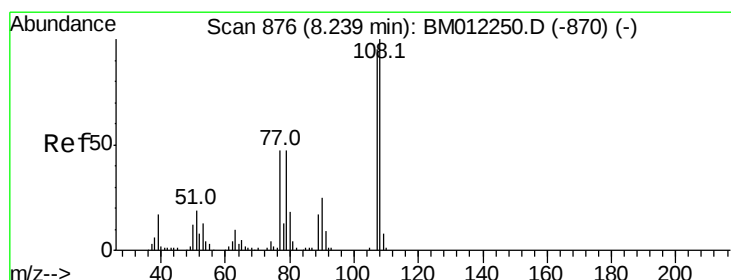
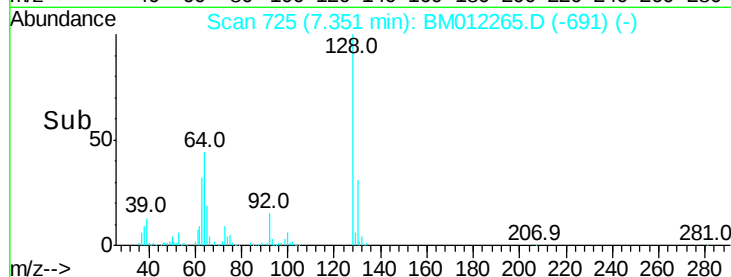
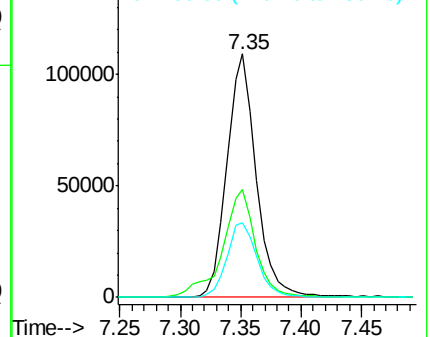
130 30.7 26.2 39.4



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 20.046 ng/ul

RT: 8.23 min Scan# 875

Delta R.T. -0.01 min

Lab File: BM012265.D

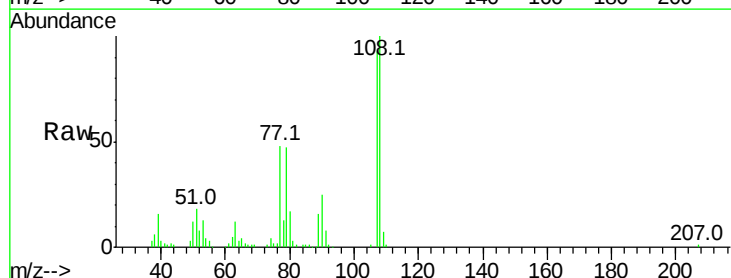
Acq: 18 Oct 2017 01:11

Tgt Ion:108 Resp: 178438

Ion Ratio Lower Upper

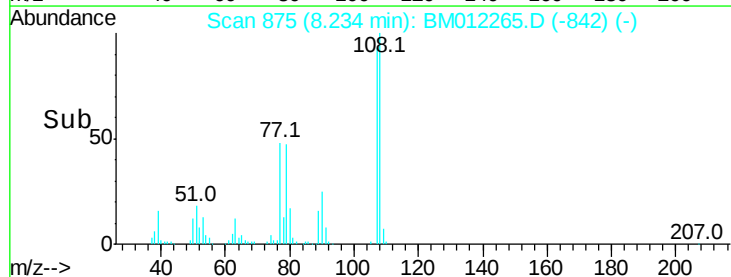
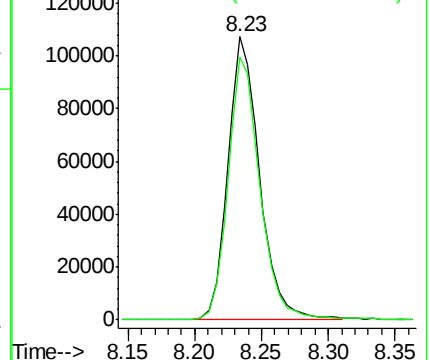
108 100

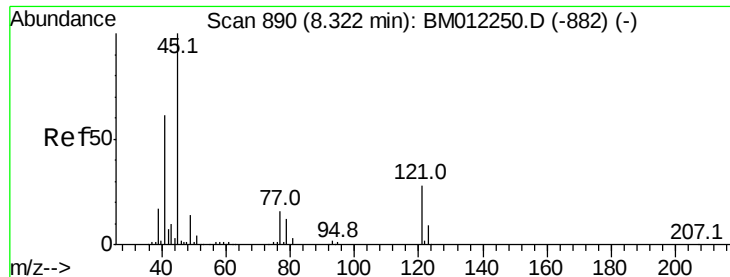
107 92.7 73.3 109.9



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

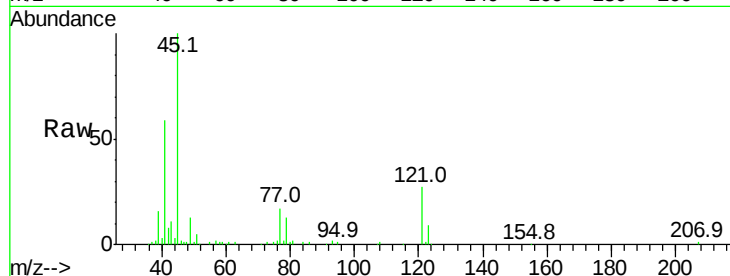




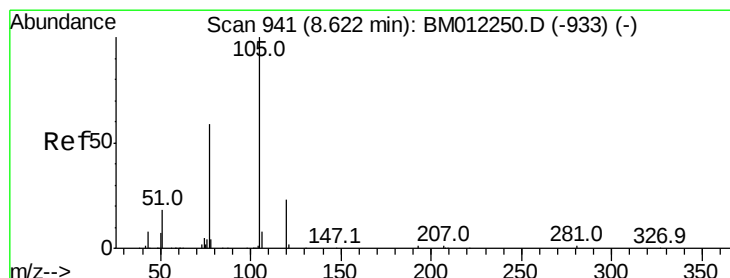
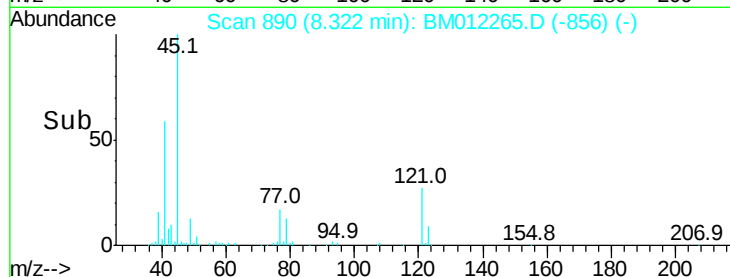
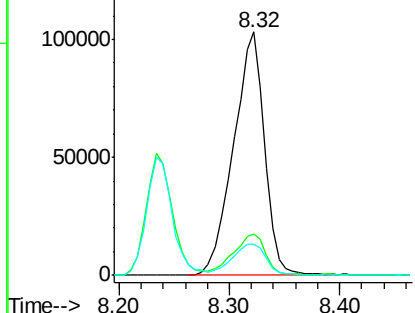
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2,2'-oxvbis(1-Chloropropane)  
Concen: 17.796 ng/ul  
RT: 8.32 min Scan# 890  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 45 Resp: 203804  
Ion Ratio Lower Upper  
45 100  
77 16.8 16.2 24.2  
79 12.9 11.9 17.9

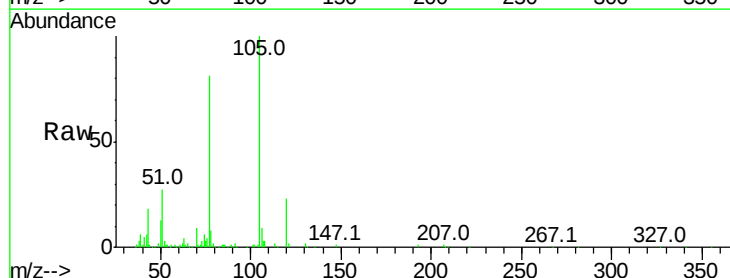


Abundance Ion 45.00 (44.70 to 45.70): BM0  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 79.00 (78.70 to 79.70): BM0

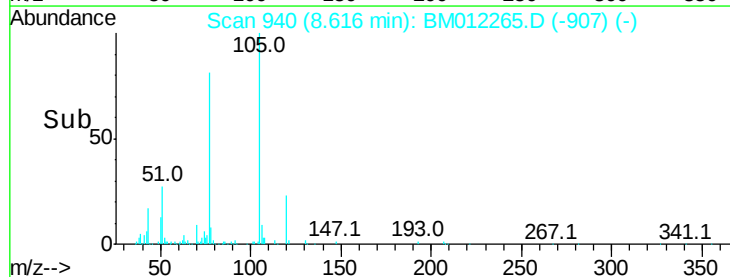
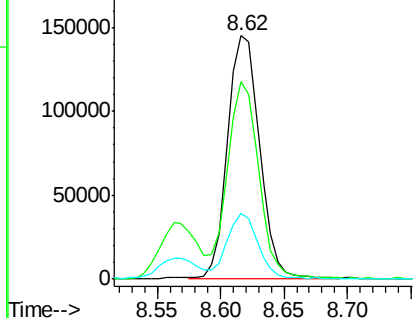


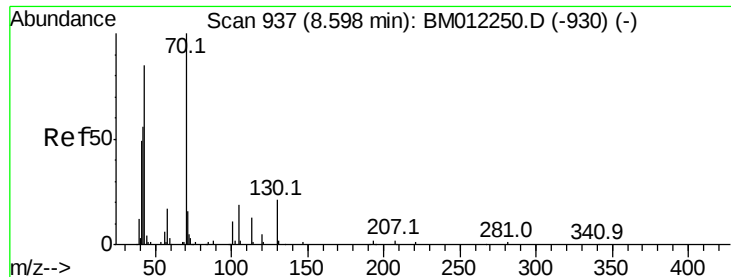
#14  
Acetophenone  
Concen: 16.877 ng/ul  
RT: 8.62 min Scan# 940  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:105 Resp: 252819  
Ion Ratio Lower Upper  
105 100  
77 81.1 61.7 92.5  
51 27.2 20.1 30.1



Abundance Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): BM0  
Ion 51.00 (50.70 to 51.70): BM0





#15

N-Nitroso-di-n-propylamine

Concen: 16.661 ng/ul

RT: 8.60 min Scan# 937

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 133765

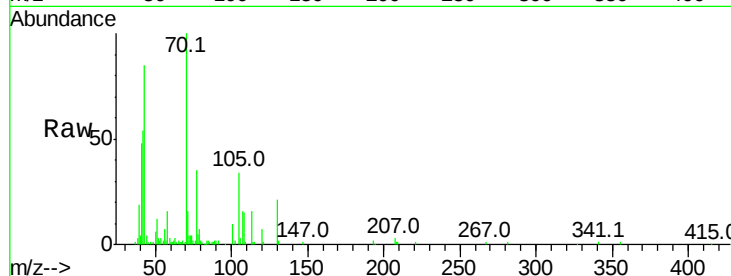
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 70  | 100   |       |       |
| 42  | 54.1  | 43.0  | 64.4  |
| 101 | 10.3  | 8.2   | 12.2  |
| 130 | 21.4  | 18.6  | 28.0  |

70 100

42 54.1 43.0 64.4

101 10.3 8.2 12.2

130 21.4 18.6 28.0



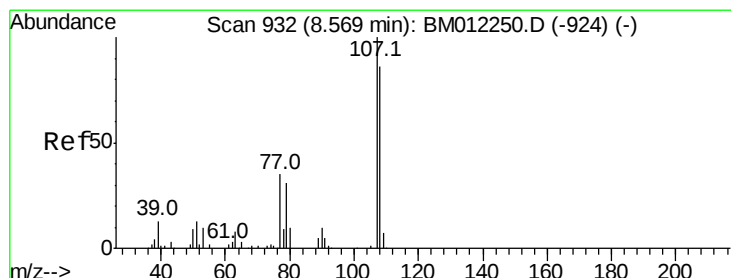
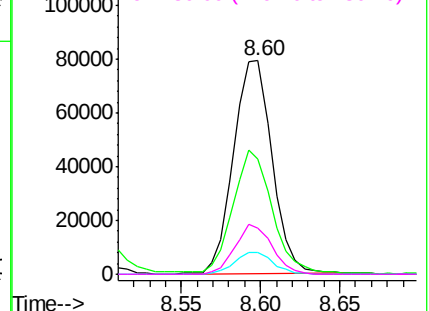
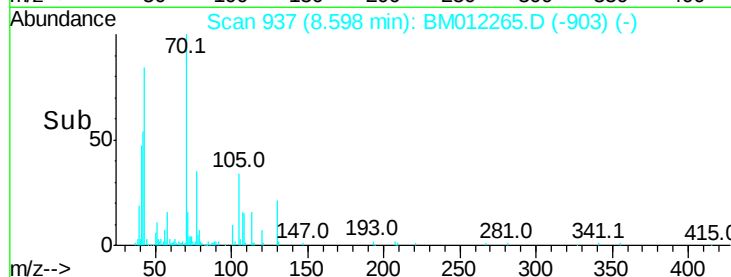
Abundance

Ion 70.00 (69.70 to 70.70): BM012265.D (-903) (-)

Ion 42.00 (41.70 to 42.70): BM012265.D (-903) (-)

Ion 101.00 (100.70 to 101.70): BM012265.D (-903) (-)

Ion 130.00 (129.70 to 130.70): BM012265.D (-903) (-)



#16

4-Methylphenol

Concen: 18.195 ng/ul

RT: 8.57 min Scan# 932

Delta R.T. 0.00 min

Lab File: BM012265.D

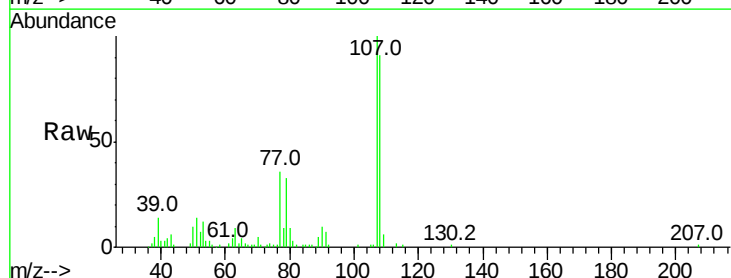
Acq: 18 Oct 2017 01:11

Tgt Ion: 108 Resp: 178477

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 108 | 100   |       |       |
| 107 | 109.4 | 90.1  | 135.1 |

108 100

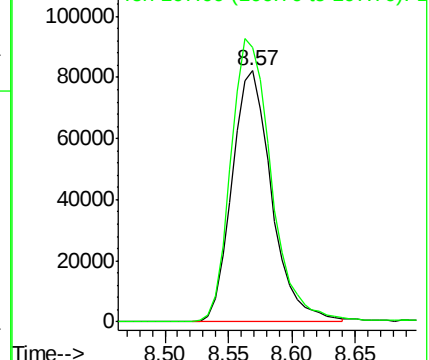
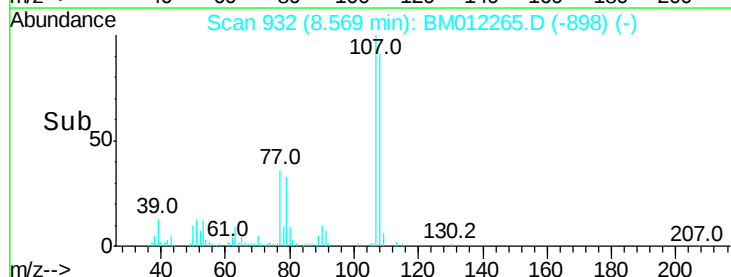
107 109.4 90.1 135.1

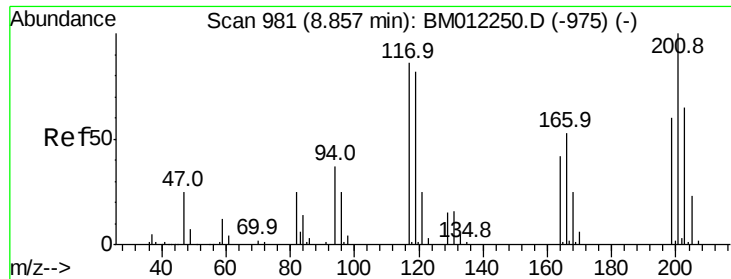


Abundance

Ion 108.00 (107.70 to 108.70): BM012265.D (-898) (-)

Ion 107.00 (106.70 to 107.70): BM012265.D (-898) (-)

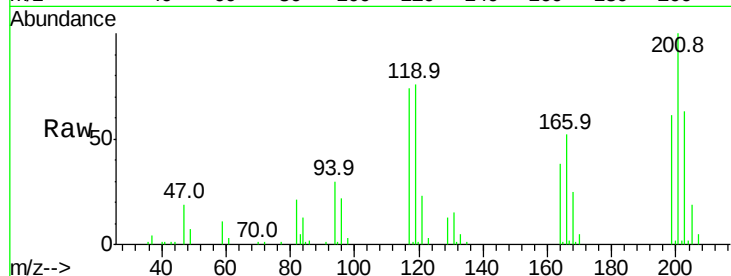




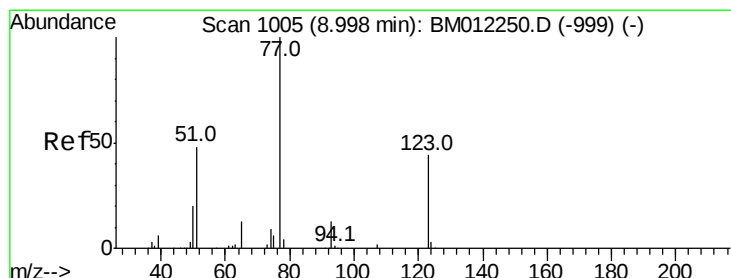
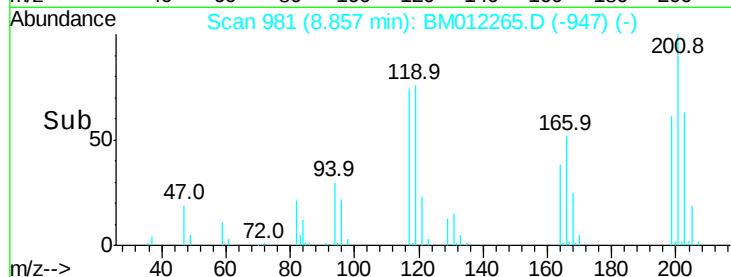
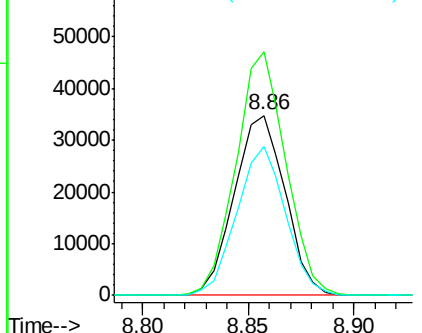
#17  
Hexachloroethane  
Concen: 13.880 ng/ul  
RT: 8.86 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:117 Resp: 58049  
Ion Ratio Lower Upper  
117 100  
201 135.2 105.0 157.4  
199 82.8 63.9 95.9

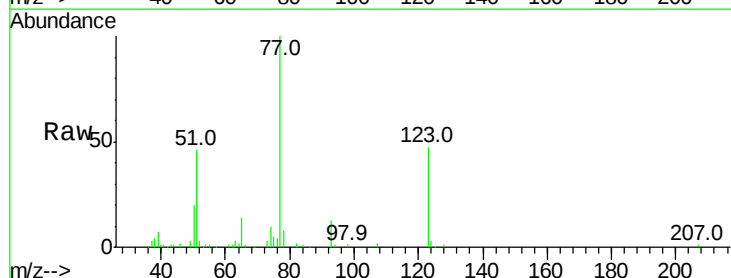


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

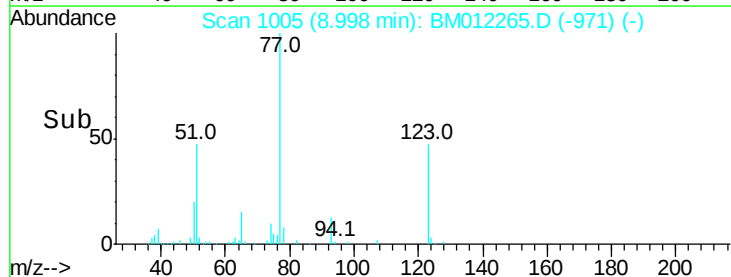
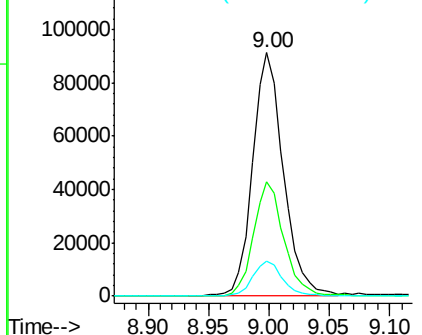


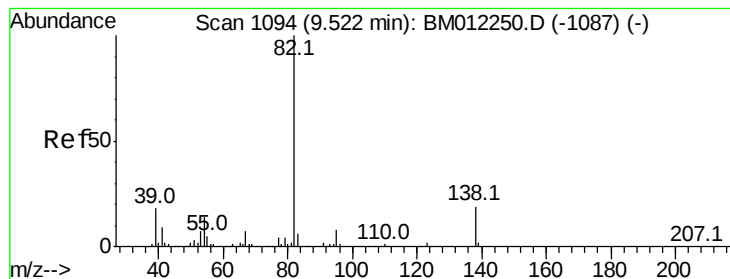
#20  
Nitrobenzene  
Concen: 17.792 ng/ul  
RT: 9.00 min Scan# 1005  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion: 77 Resp: 162994  
Ion Ratio Lower Upper  
77 100  
123 46.9 35.8 53.6  
65 14.5 11.8 17.6



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: 17.937 ng/ul

RT: 9.52 min Scan# 1094

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampled :

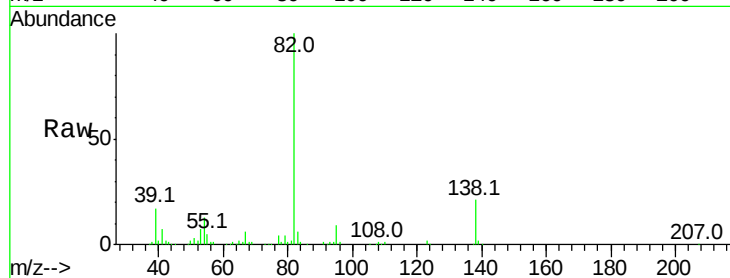
Tot Ion: 82 Resp: 306994

Ion Ratio Lower Upper

82 100

95 8.6 7.1 10.7

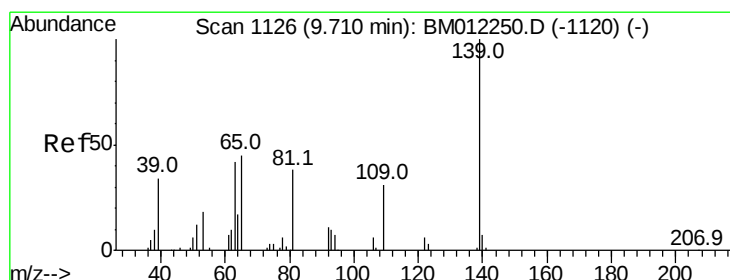
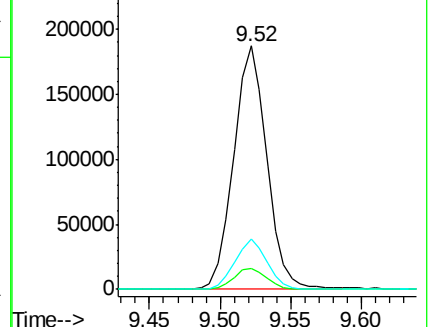
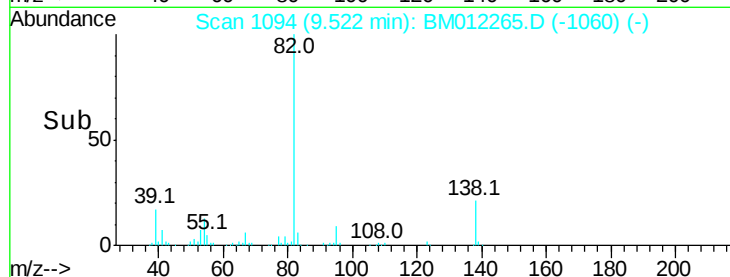
138 20.9 15.8 23.8



Abundance Ion 82.00 (81.70 to 82.70): BM012265.D (-1092) (-)

Ion 95.00 (94.70 to 95.70): BM012265.D (-1092) (-)

Ion 138.00 (137.70 to 138.70): BM012265.D (-1092) (-)



#23

2-Nitrophenol

Concen: 19.166 ng/ul

RT: 9.71 min Scan# 1126

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

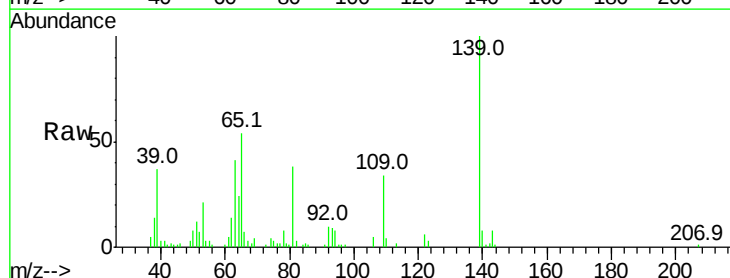
Tgt Ion: 139 Resp: 88554

Ion Ratio Lower Upper

139 100

65 53.9 40.6 61.0

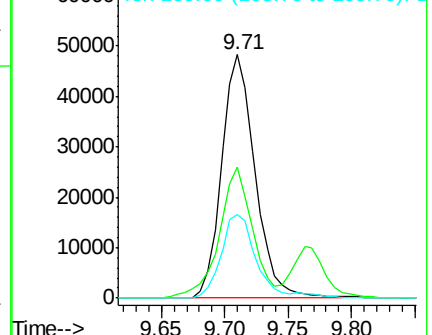
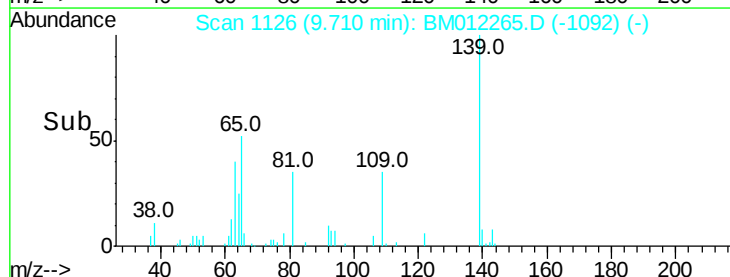
109 34.3 30.6 46.0

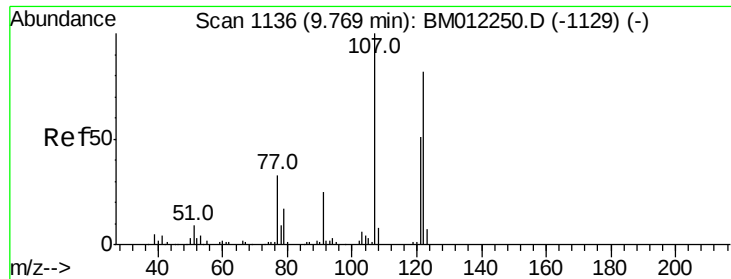


Abundance Ion 139.00 (138.70 to 139.70): BM012265.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM012265.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM012265.D (-1092) (-)





#24

2,4-Dimethylphenol

Concen: 19.474 ng/ul

RT: 9.77 min Scan# 1136

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

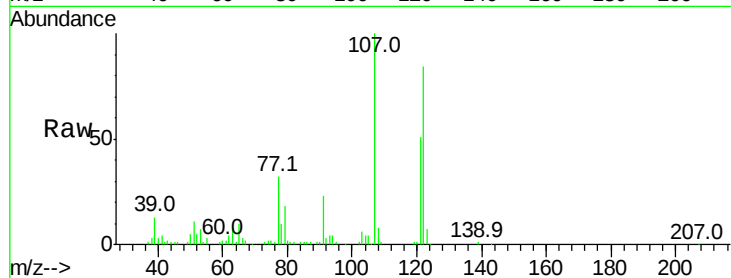
Tot Ion:107 Resp: 181329

Ion Ratio Lower Upper

107 100

121 50.9 39.8 59.8

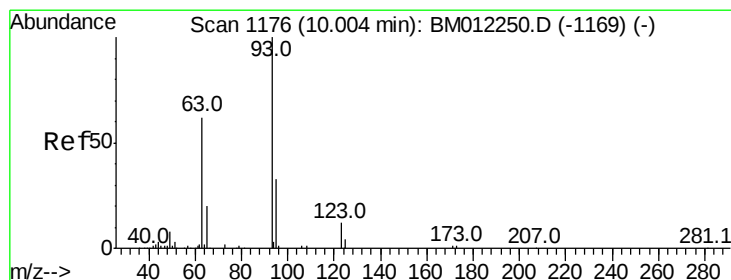
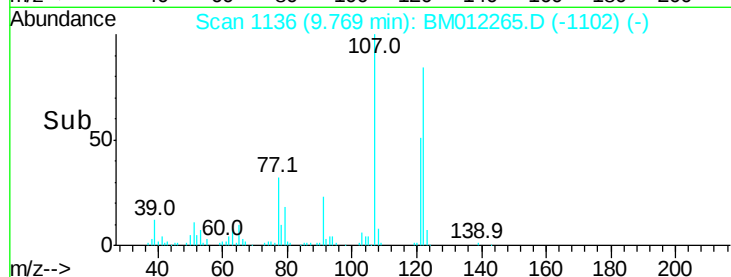
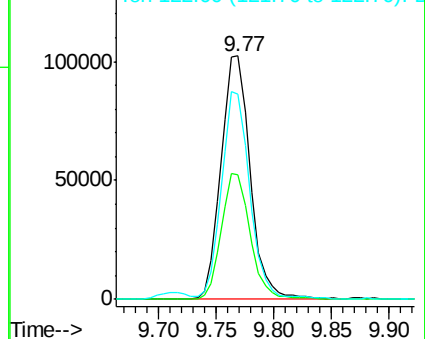
122 84.1 64.4 96.6



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: 18.525 ng/ul

RT: 10.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

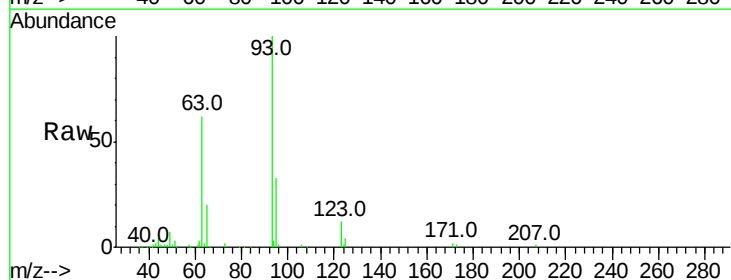
Tgt Ion: 93 Resp: 185913

Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

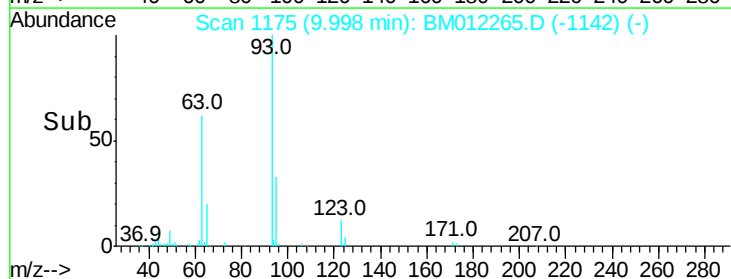
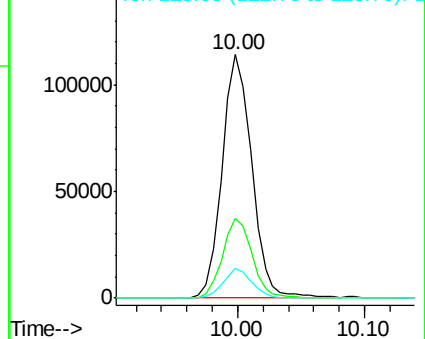
123 12.4 9.6 14.4

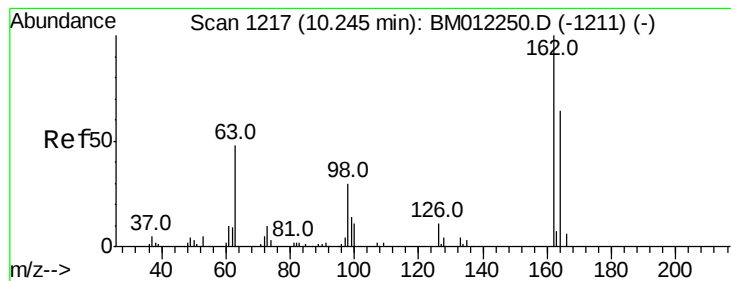


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E





#27

2,4-Dichlorophenol

Concen: 21.278 ng/ul

RT: 10.25 min Scan# 1217

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

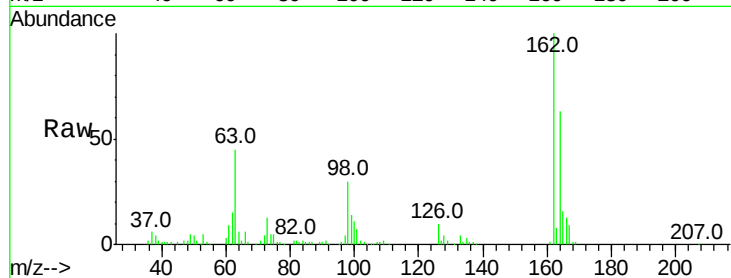
Tot Ion:162 Resp: 172414

Ion Ratio Lower Upper

162 100

164 63.5 49.6 74.4

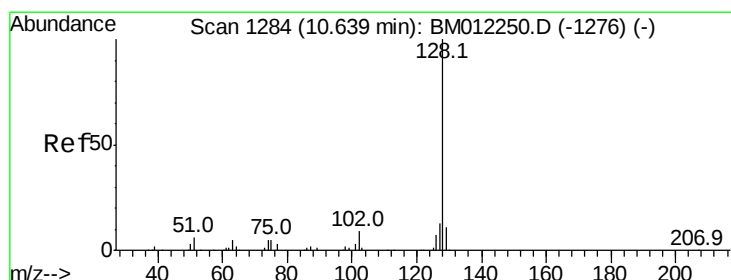
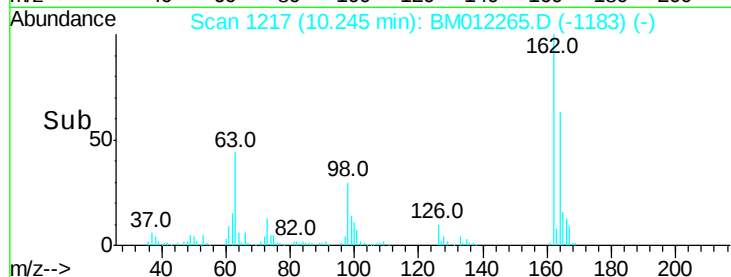
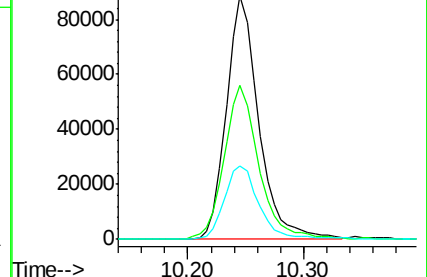
98 30.3 26.2 39.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#28

Naphthalene

Concen: 19.396 ng/ul

RT: 10.63 min Scan# 1283

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

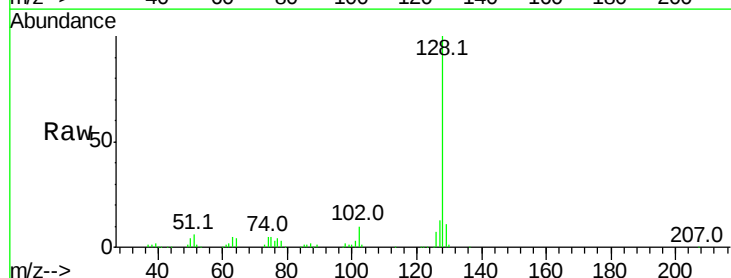
Tgt Ion:128 Resp: 484870

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

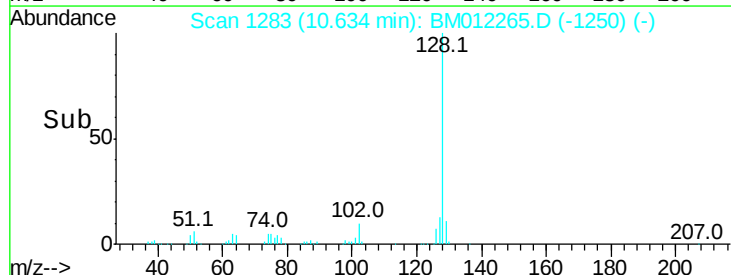
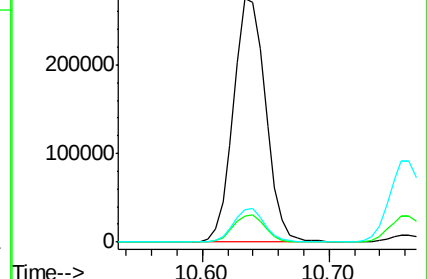
127 13.2 11.4 17.0

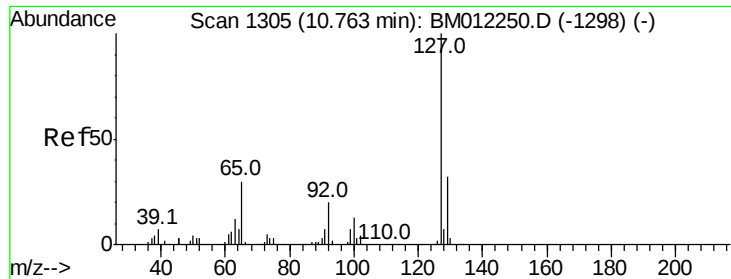


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

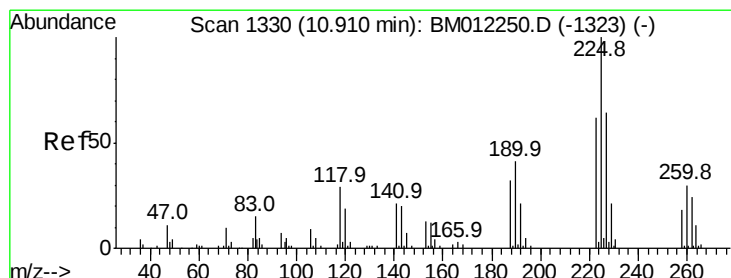
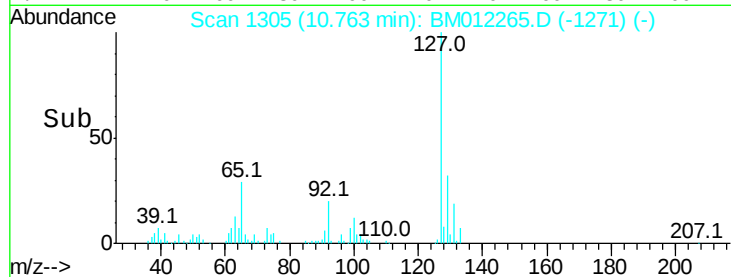
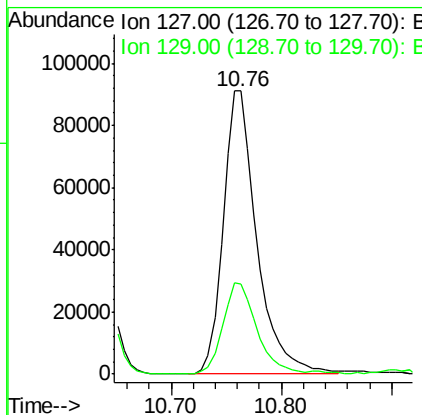
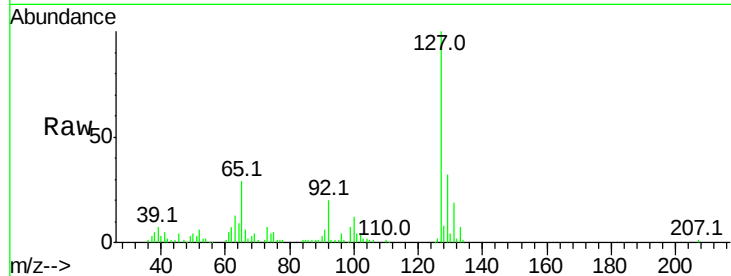




#30  
4-Chloroaniline  
Concen: 25.639 ng/ul  
RT: 10.76 min Scan# 1305  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

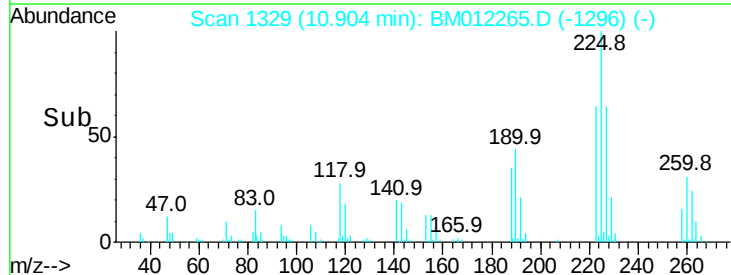
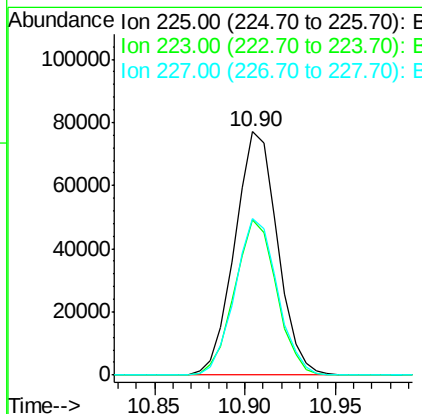
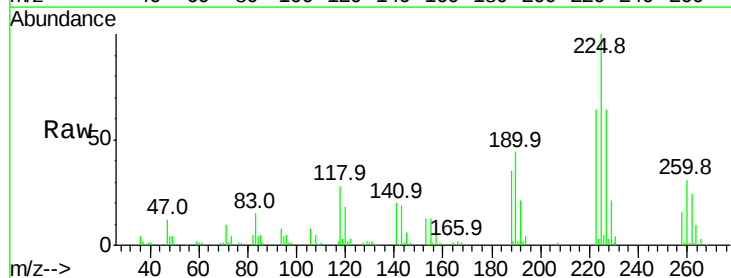
Instrument :  
BNA\_M  
ClientSampleId :

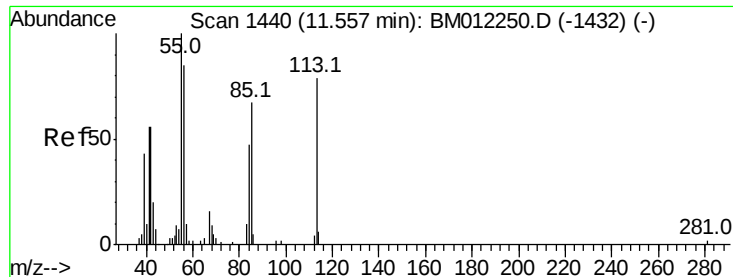
Tot Ion:127 Resp: 194101  
Ion Ratio Lower Upper  
127 100  
129 31.8 26.5 39.7



#31  
Hexachlorobutadiene  
Concen: 20.995 ng/ul  
RT: 10.90 min Scan# 1329  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:225 Resp: 126085  
Ion Ratio Lower Upper  
225 100  
223 63.8 49.4 74.0  
227 64.1 53.2 79.8





#32

Caprolactam

Concen: 12.640 ng/ul

RT: 11.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

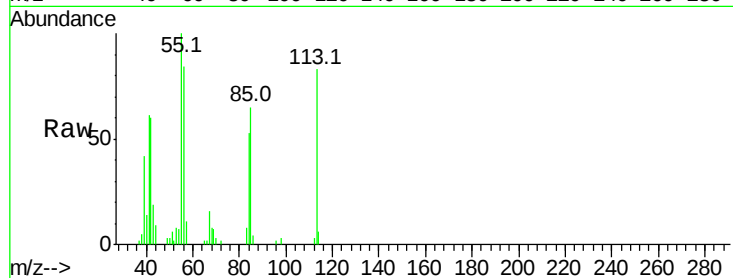
Tot Ion:113 Resp: 32333

Ion Ratio Lower Upper

113 100

55 120.1 107.7 161.5

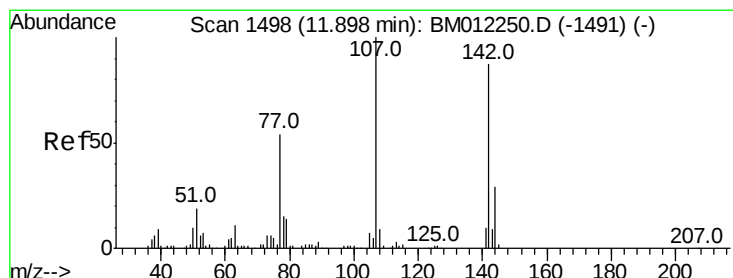
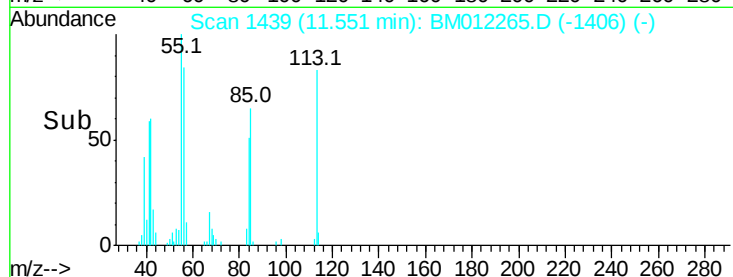
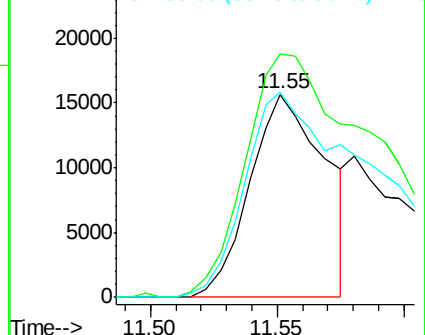
56 101.3 97.1 145.7



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#33

4-Chloro-3-methylphenol

Concen: 20.741 ng/ul

RT: 11.89 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

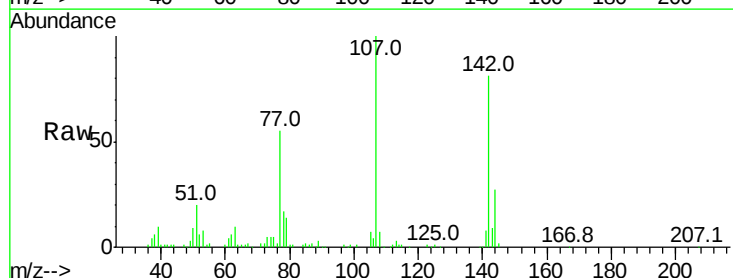
Tgt Ion:107 Resp: 176084

Ion Ratio Lower Upper

107 100

144 26.7 21.2 31.8

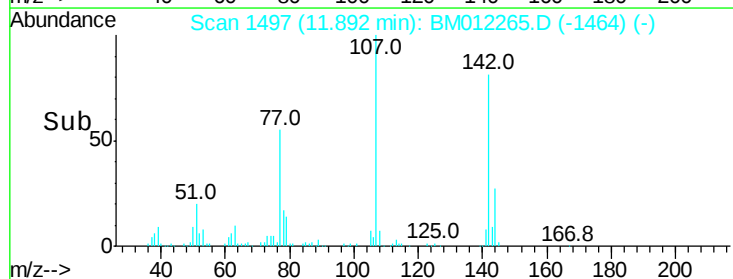
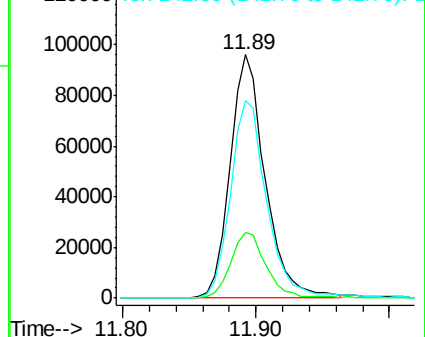
142 81.4 65.3 97.9

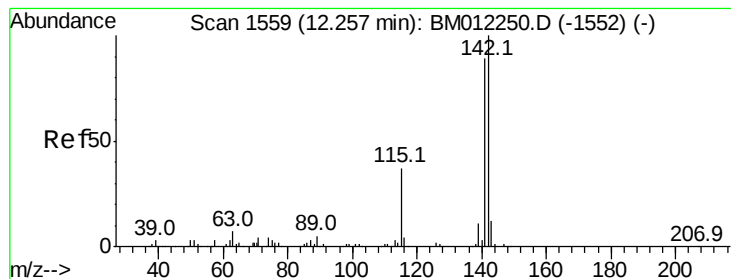


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 20.323 ng/ul

RT: 12.26 min Scan# 1559

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

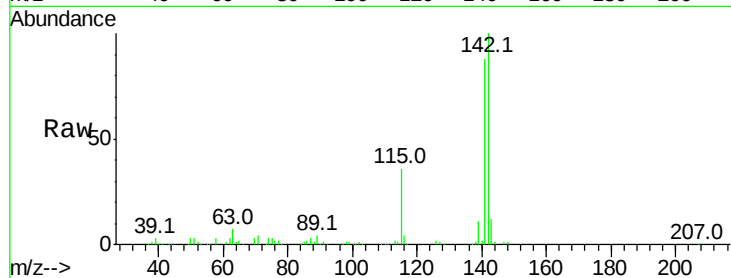
ClientSampleId :

Tot Ion:142 Resp: 383374

Ion Ratio Lower Upper

142 100

141 88.2 73.6 110.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.26

250000

200000

150000

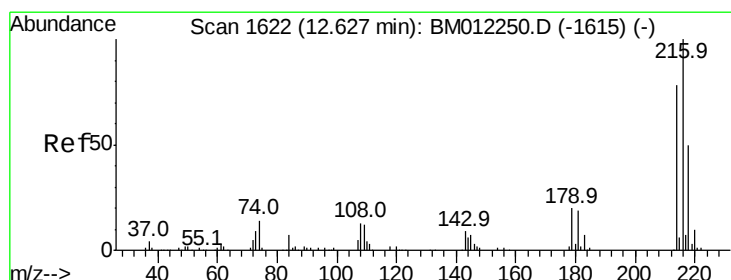
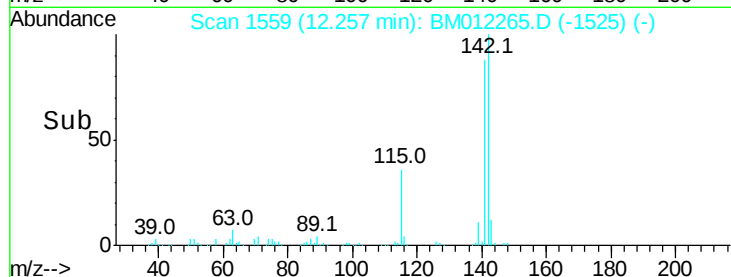
100000

50000

0

Time-->

12.20 12.25 12.30 12.35



#36

1,2,4,5-Tetrachlorobenzene

Concen: 20.808 ng/ul

RT: 12.63 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Tgt Ion:216 Resp: 248369

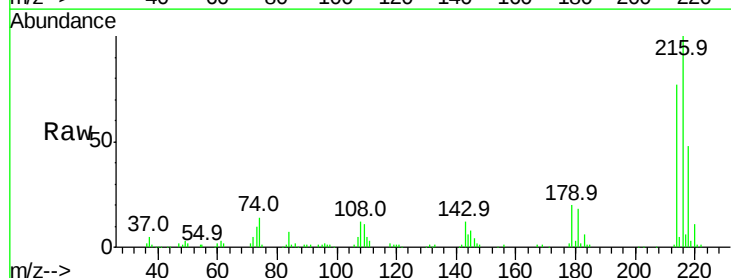
Ion Ratio Lower Upper

216 100

214 77.0 62.3 93.5

179 19.5 16.2 24.2

108 12.1 10.9 16.3



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

250000

200000

150000

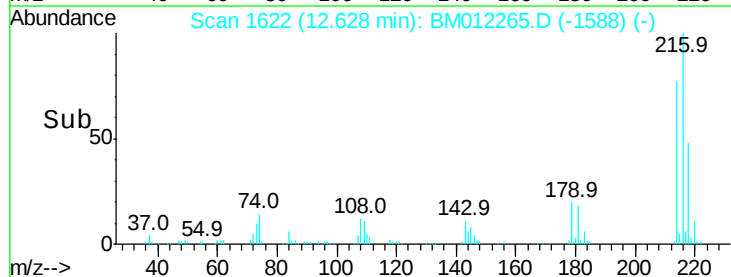
100000

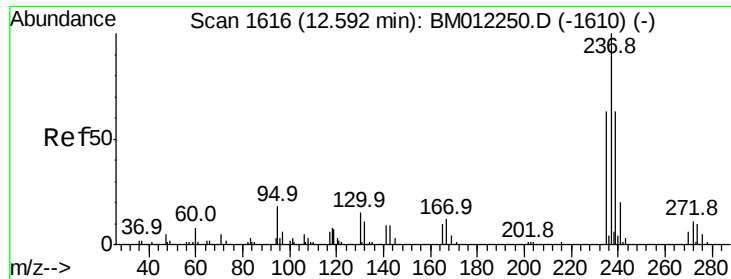
50000

0

Time-->

12.55 12.60 12.65 12.70





#37

Hexachlorocyclopentadiene

Concen: 26.323 ng/ul

RT: 12.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

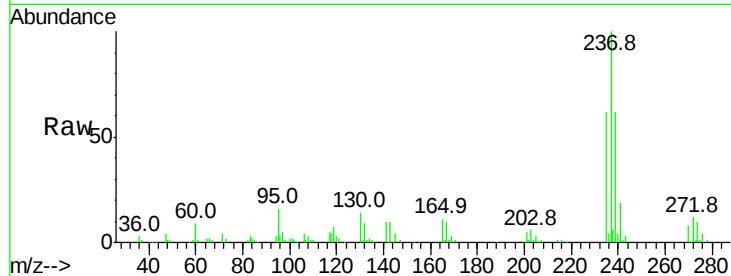
Tot Ion:237 Resp: 140036

Ion Ratio Lower Upper

237 100

235 62.5 50.1 75.1

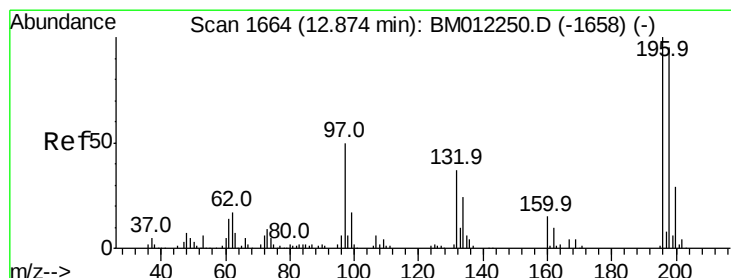
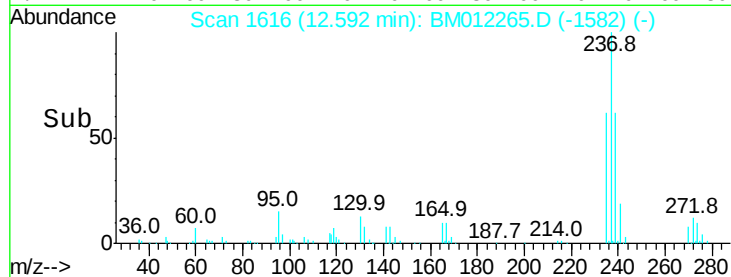
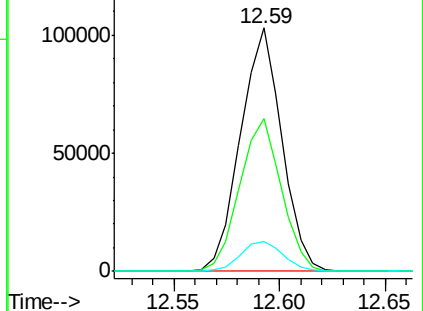
272 12.1 10.6 15.8



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: 20.519 ng/ul

RT: 12.87 min Scan# 1664

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

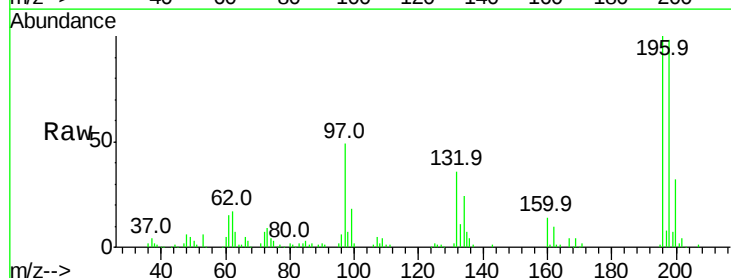
Tgt Ion:196 Resp: 162385

Ion Ratio Lower Upper

196 100

198 98.1 78.2 117.4

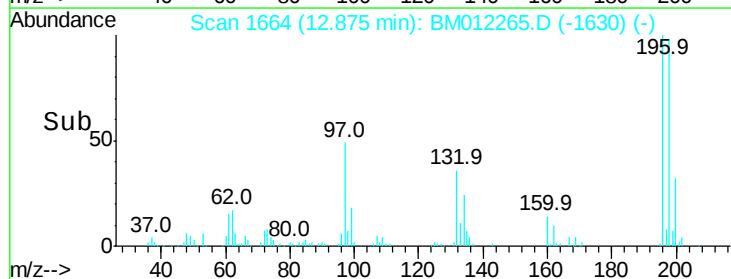
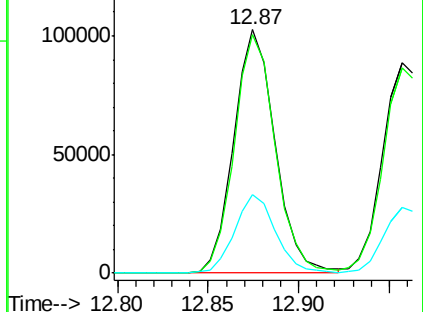
200 32.3 25.4 38.2

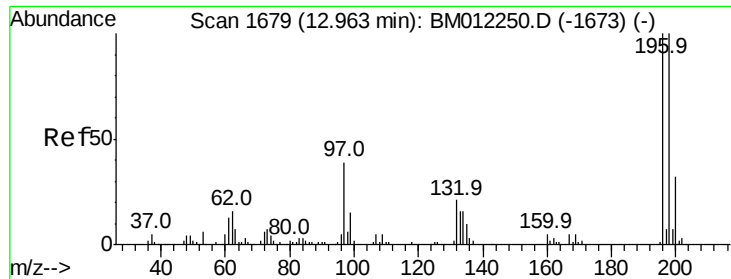


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

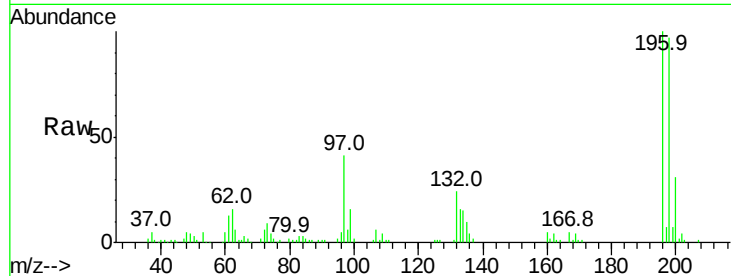




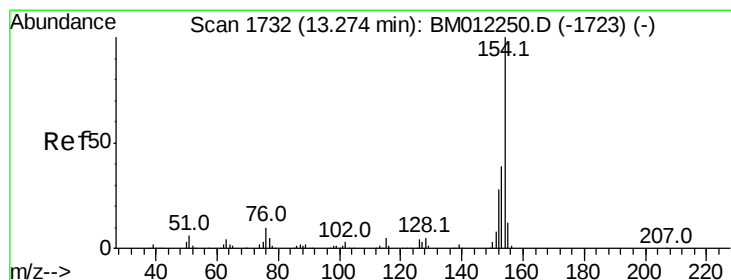
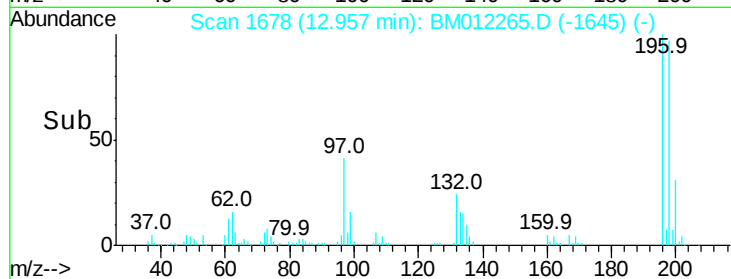
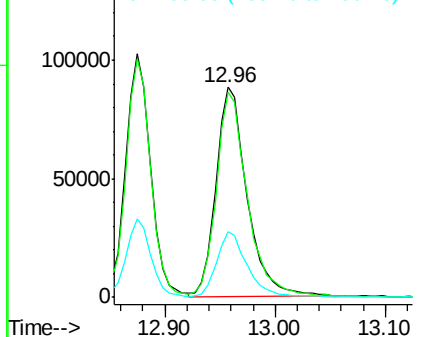
#39  
 2,4,5-Trichlorophenol  
 Concen: 21.250 ng/ul  
 RT: 12.96 min Scan# 1678  
 Delta R.T. -0.01 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

Instrument :  
 BNA\_M  
 ClientSampled :

| Tot Ion   | 196  | Resp  | 173072 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 196       | 100  |       |        |
| 198       | 97.5 | 78.1  | 117.1  |
| 200       | 31.4 | 25.1  | 37.7   |

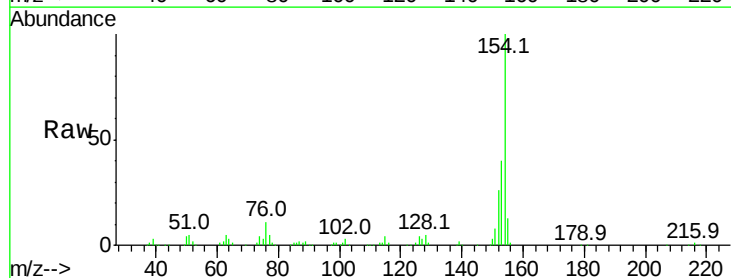


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 200.00 (199.70 to 200.70): E

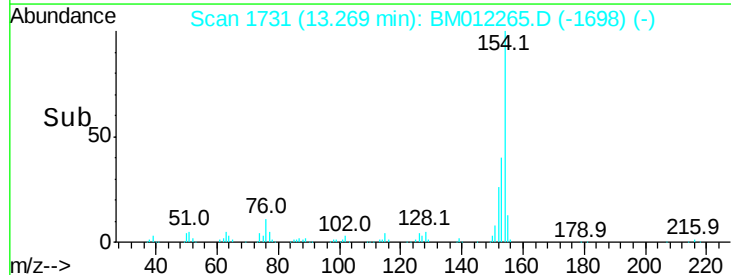
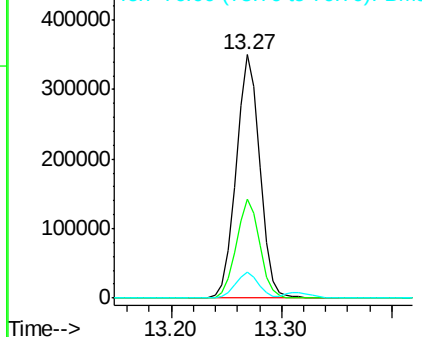


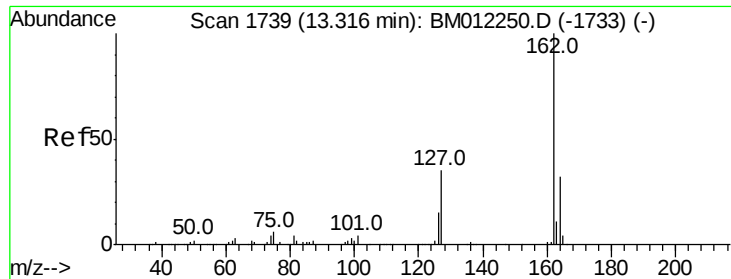
#40  
 1,1'-Biphenyl  
 Concen: 19.087 ng/ul  
 RT: 13.27 min Scan# 1731  
 Delta R.T. -0.01 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

| Tgt Ion   | 154  | Resp  | 529679 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 154       | 100  |       |        |
| 153       | 40.5 | 33.0  | 49.4   |
| 76        | 10.8 | 8.2   | 12.4   |



Abundance Ion 154.00 (153.70 to 154.70): E  
 Ion 153.00 (152.70 to 153.70): E  
 Ion 76.00 (75.70 to 76.70): BM

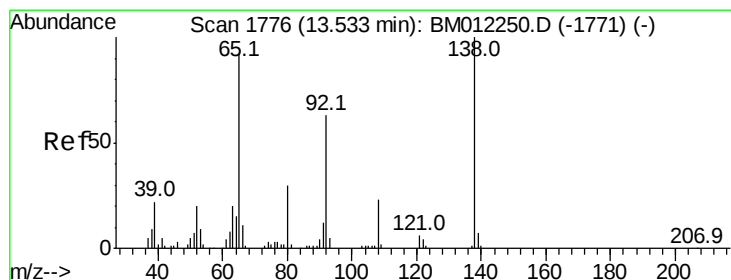
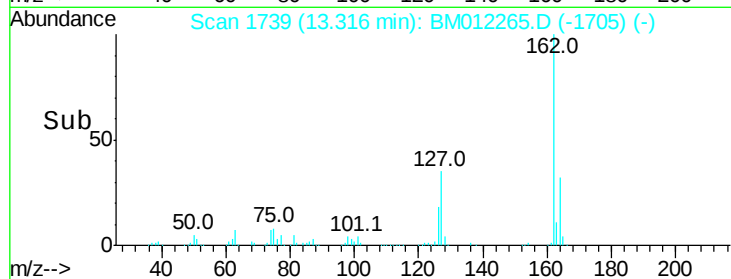
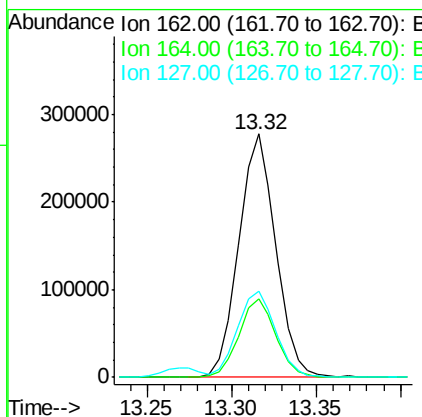
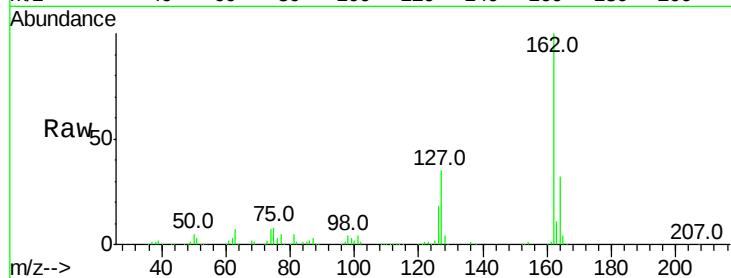




#41  
 2-Chloronaphthalene  
 Concen: 19.433 ng/ul  
 RT: 13.32 min Scan# 1739  
 Delta R.T. 0.00 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

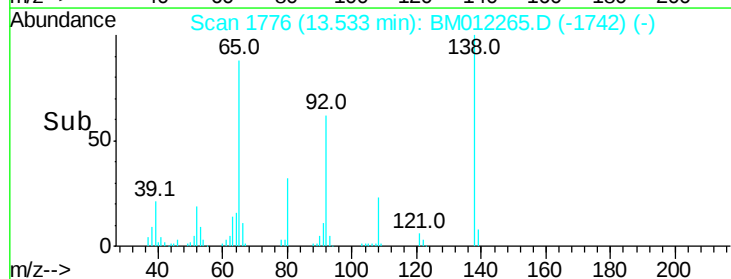
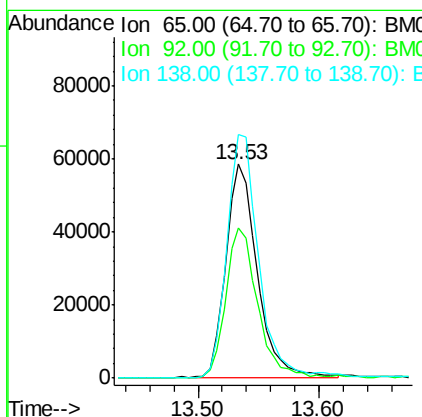
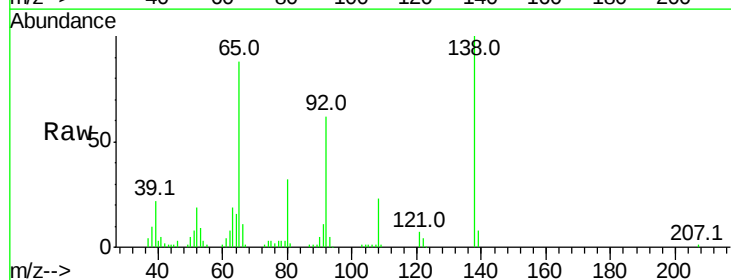
Instrument :  
 BNA\_M  
 ClientSampled :

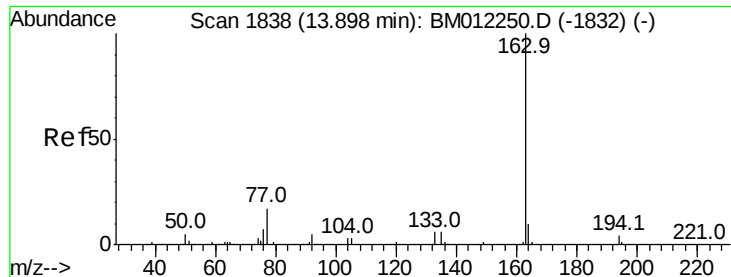
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 32.1  | 27.0  | 40.6  |
| 127     | 35.1  | 29.5  | 44.3  |



#42  
 2-Nitroaniline  
 Concen: 17.653 ng/ul  
 RT: 13.53 min Scan# 1776  
 Delta R.T. 0.00 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 92      | 70.1  | 55.5  | 83.3  |
| 138     | 113.8 | 92.3  | 138.5 |

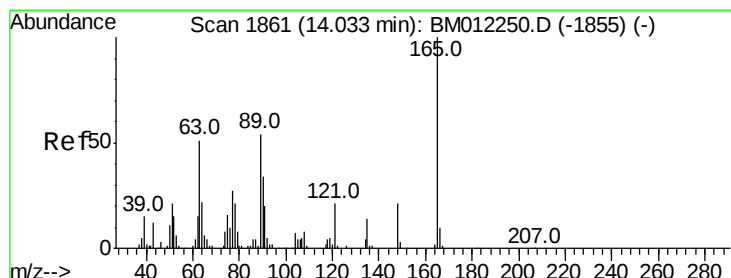
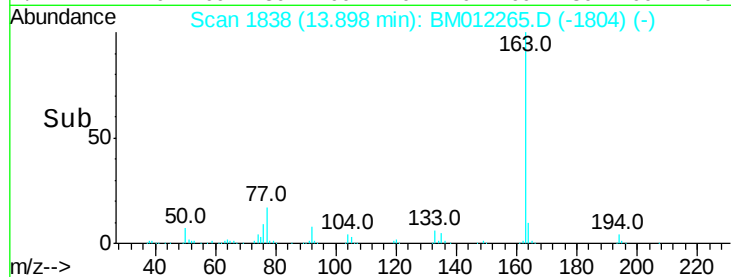
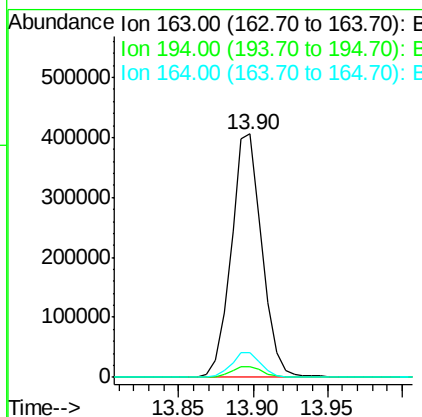
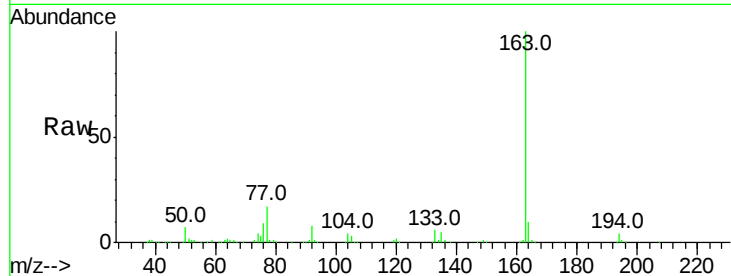




#44  
Dimethylphthalate  
Concen: 19.868 ng/ul  
RT: 13.90 min Scan# 1838  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

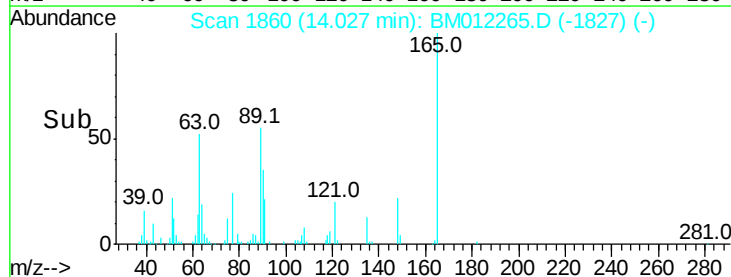
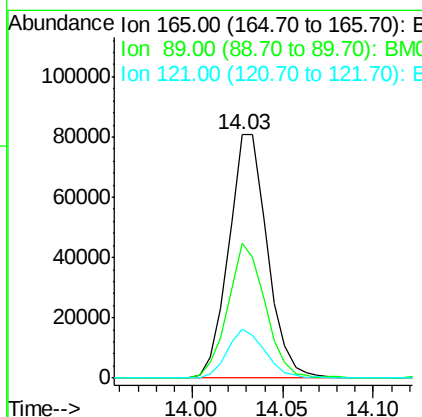
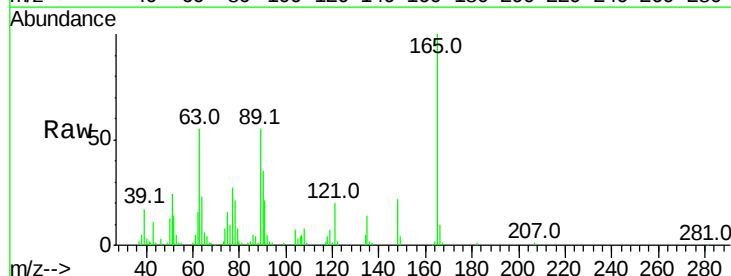
Instrument :  
BNA\_M  
ClientSampled :

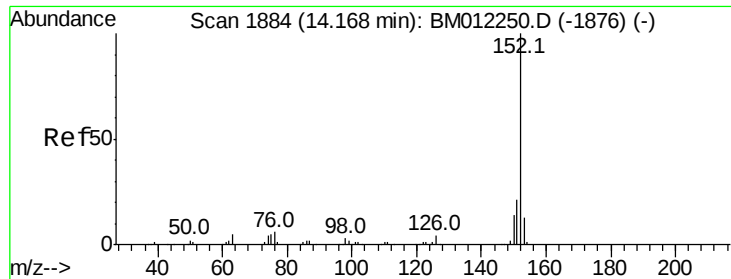
Tot Ion:163 Resp: 578477  
Ion Ratio Lower Upper  
163 100  
194 4.3 3.7 5.5  
164 10.4 8.1 12.1



#45  
2,6-Dinitrotoluene  
Concen: 20.755 ng/ul  
RT: 14.03 min Scan# 1860  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:165 Resp: 119947  
Ion Ratio Lower Upper  
165 100  
89 55.3 43.4 65.2  
121 20.0 15.5 23.3





#47

Acenaphthylene

Concen: 19.447 ng/ul

RT: 14.16 min Scan# 1883

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

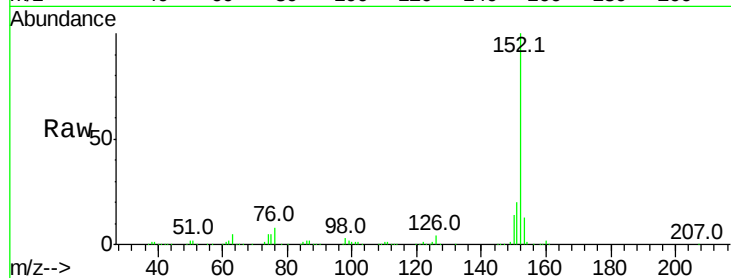
Tot Ion:152 Resp: 671777

Ion Ratio Lower Upper

152 100

151 19.7 15.3 22.9

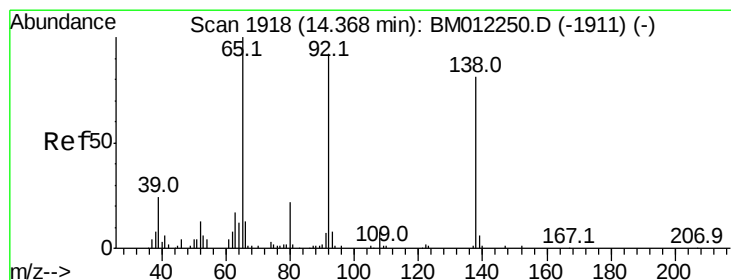
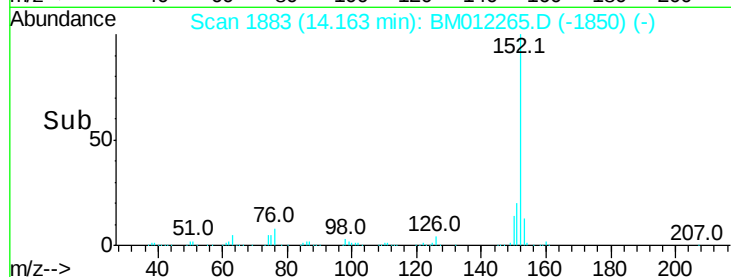
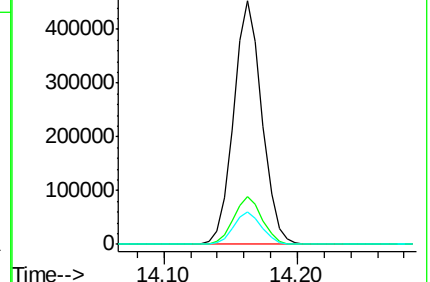
153 13.4 10.4 15.6



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: 23.064 ng/ul

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

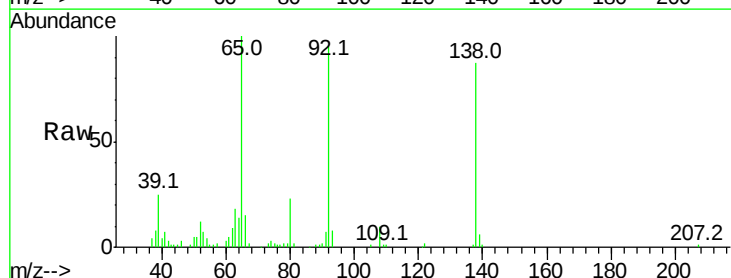
Tgt Ion:138 Resp: 103703

Ion Ratio Lower Upper

138 100

108 11.0 8.8 13.2

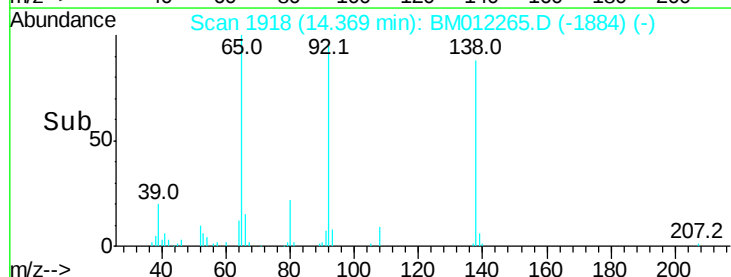
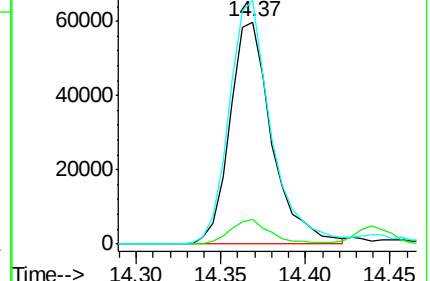
92 109.6 83.5 125.3

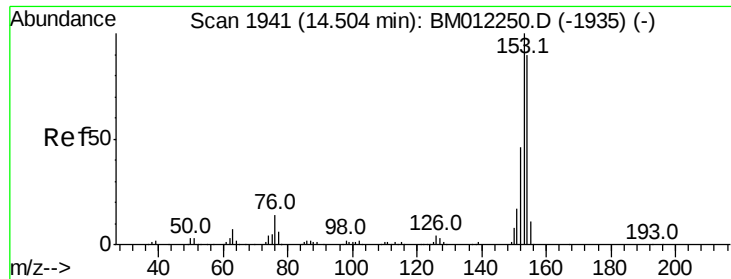


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#49

Acenaphthene

Concen: 19.558 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

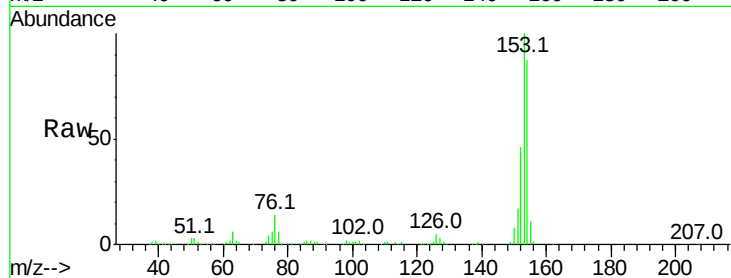
Tot Ion:153 Resp: 455076

Ion Ratio Lower Upper

153 100

152 45.8 37.4 56.0

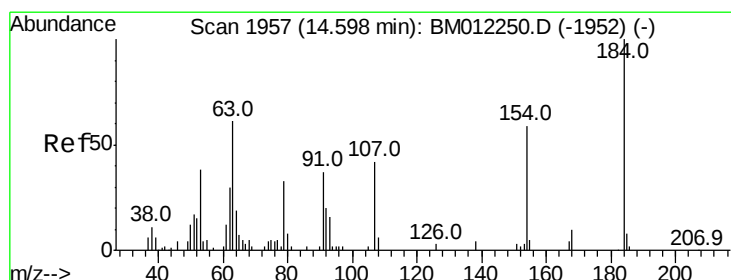
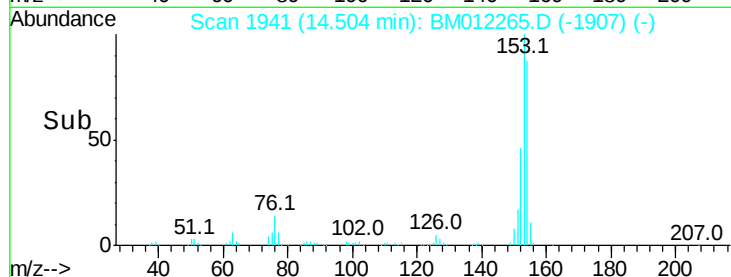
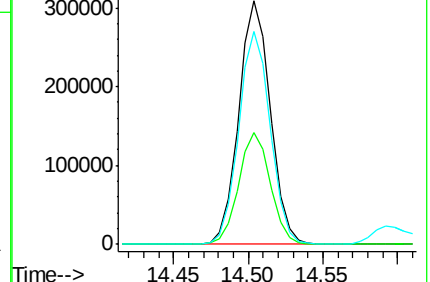
154 87.4 71.1 106.7



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: 22.596 ng/ul

RT: 14.59 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

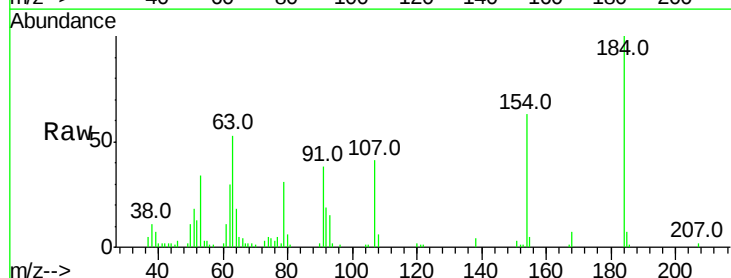
Tgt Ion:184 Resp: 74157

Ion Ratio Lower Upper

184 100

63 52.9 50.2 75.4

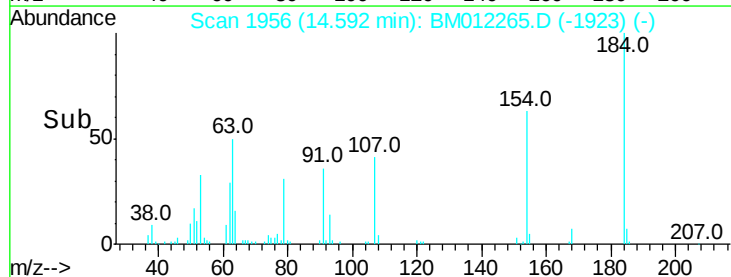
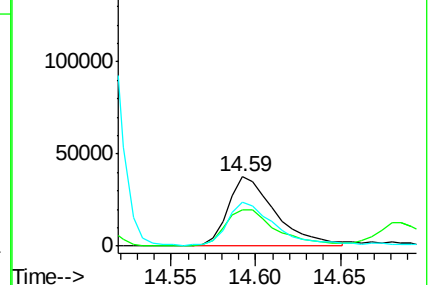
154 63.3 51.2 76.8

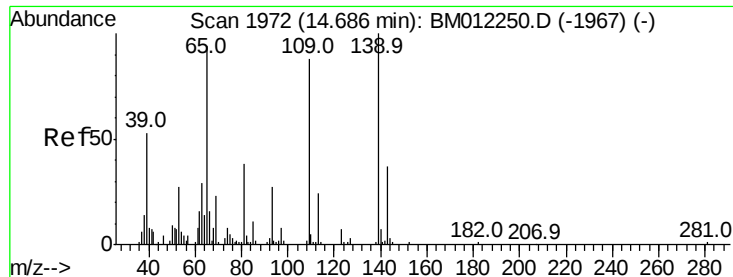


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 17.080 ng/ul

RT: 14.69 min Scan# 1972

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

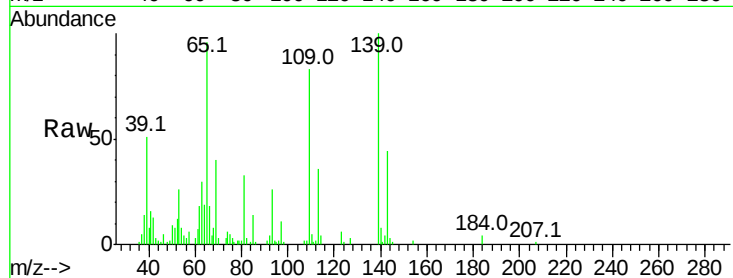
Tot Ion:109 Resp: 67063

Ion Ratio Lower Upper

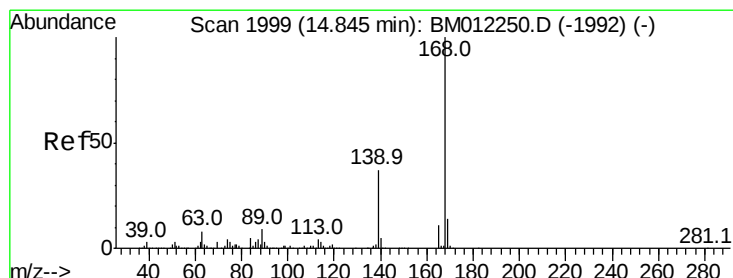
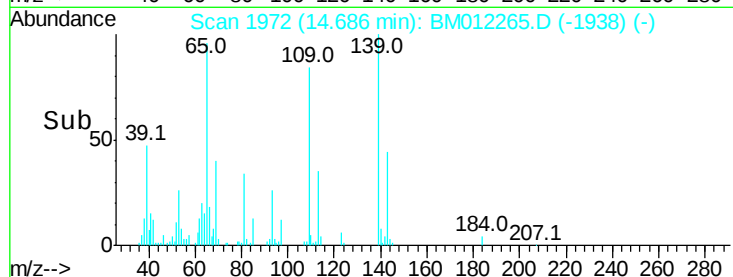
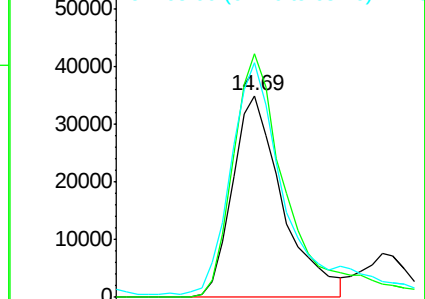
109 100

139 120.7 90.6 135.8

65 116.4 93.1 139.7



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): BMC



#53

Dibenzofuran

Concen: 20.101 ng/ul

RT: 14.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BM012265.D

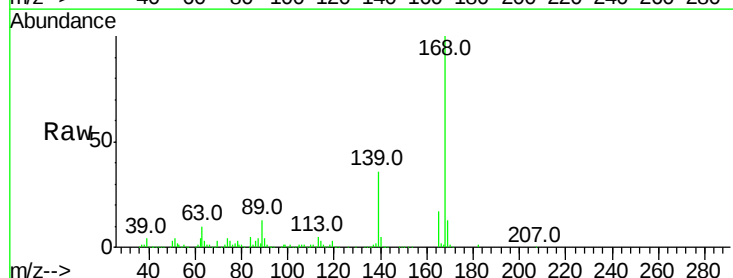
Acq: 18 Oct 2017 01:11

Tgt Ion:168 Resp: 673466

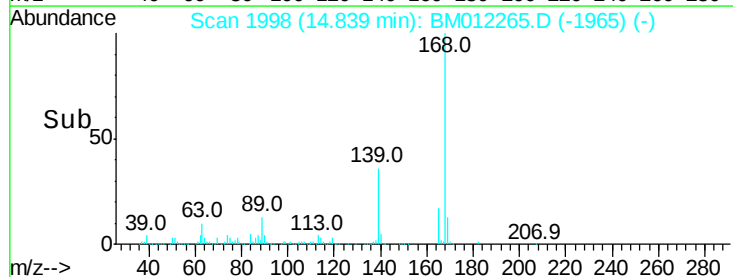
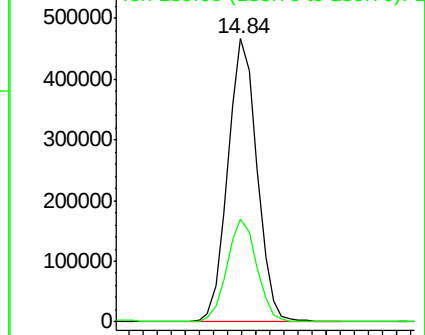
Ion Ratio Lower Upper

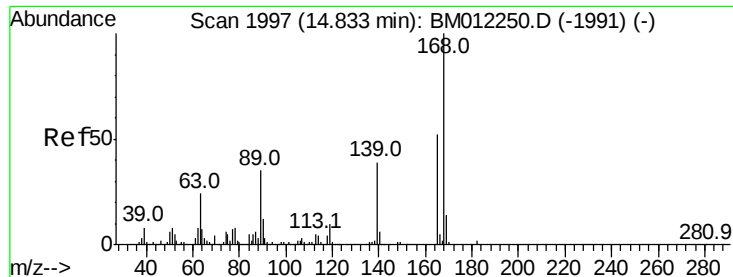
168 100

139 36.5 30.2 45.2



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

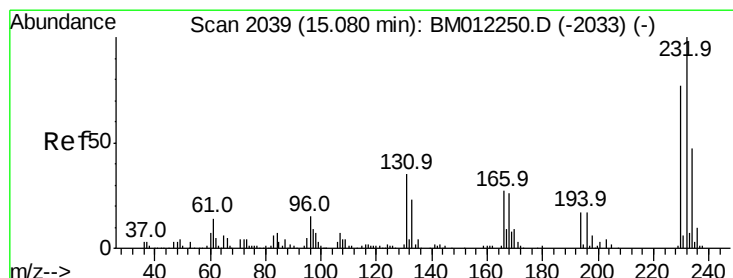
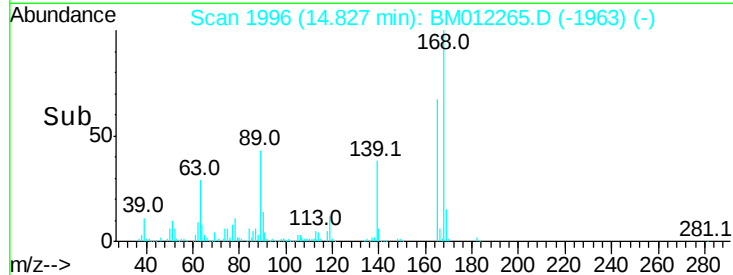
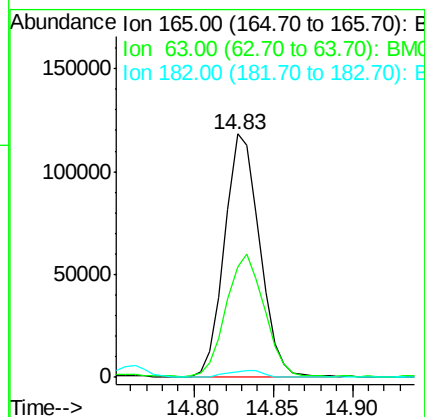
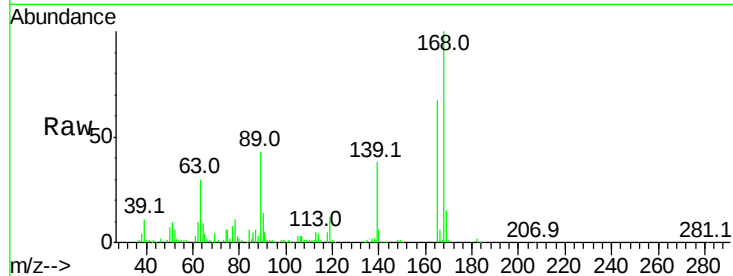




#54  
 2,4-Dinitrotoluene  
 Concen: 21.817 ng/ul  
 RT: 14.83 min Scan# 1996  
 Delta R.T. -0.01 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

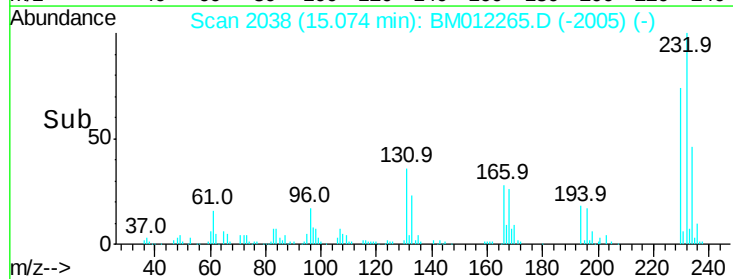
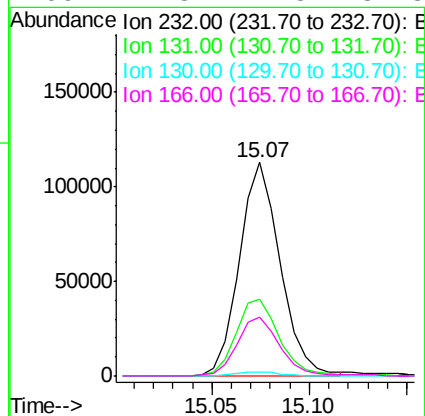
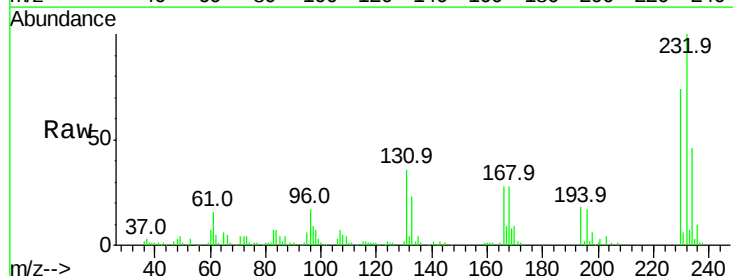
Instrument :  
 BNA\_M  
 ClientSampleId :

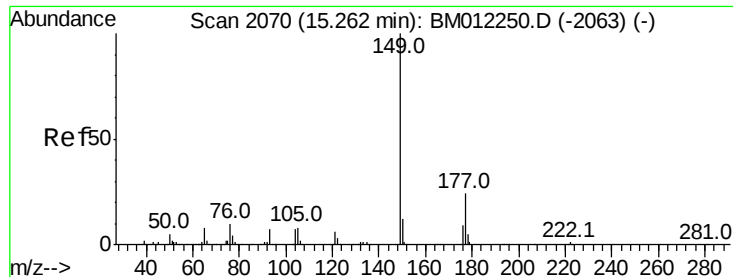
Tot Ion:165 Resp: 182745  
 Ion Ratio Lower Upper  
 165 100  
 63 45.7 38.7 58.1  
 182 2.4 2.6 3.8#



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.950 ng/ul  
 RT: 15.07 min Scan# 2038  
 Delta R.T. -0.01 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

Tgt Ion:232 Resp: 163603  
 Ion Ratio Lower Upper  
 232 100  
 131 35.7 29.4 44.2  
 130 2.1 1.8 2.8  
 166 27.8 21.5 32.3

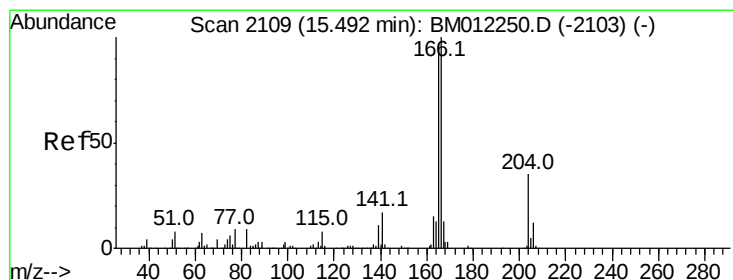
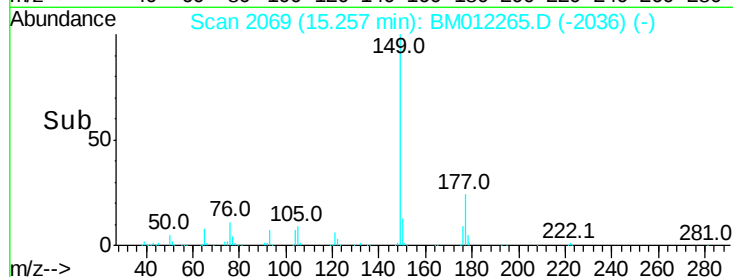
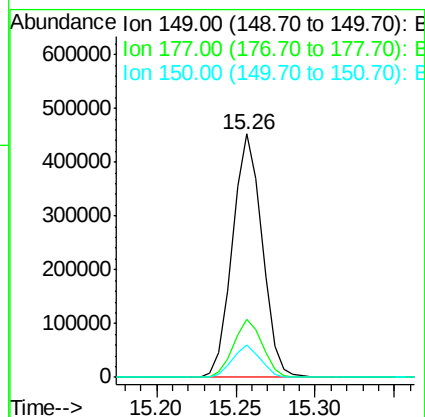
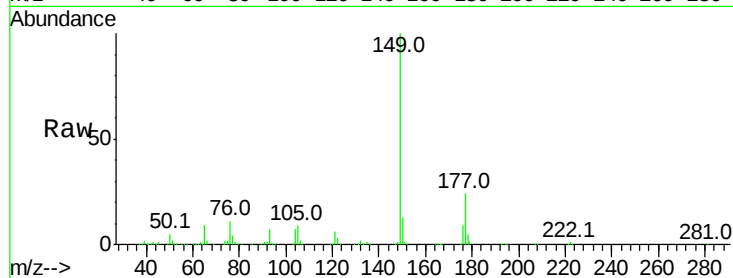




#56  
Diethylphthalate  
Concen: 18.676 ng/ul  
RT: 15.26 min Scan# 2069  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

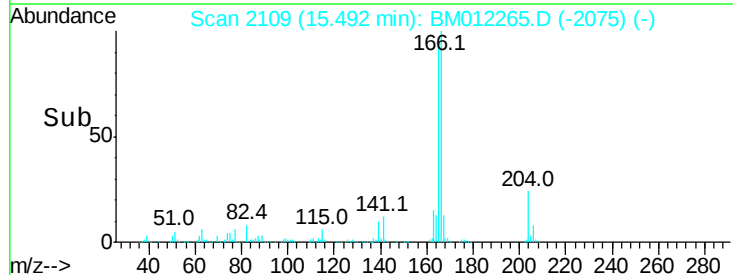
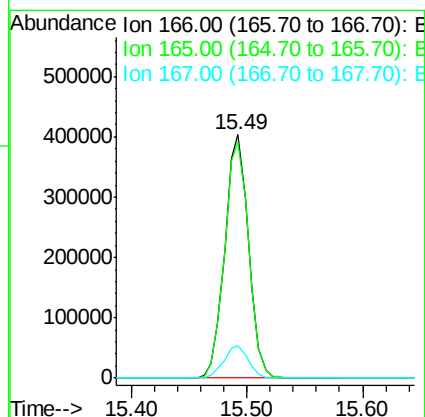
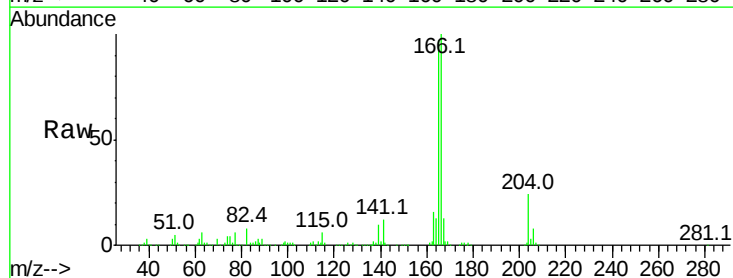
Instrument :  
BNA\_M  
ClientSampleId :

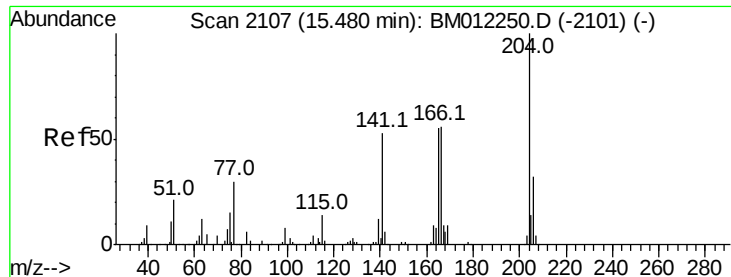
Tot Ion:149 Resp: 587782  
Ion Ratio Lower Upper  
149 100  
177 23.7 18.7 28.1  
150 13.3 10.0 15.0



#58  
Fluorene  
Concen: 20.576 ng/ul  
RT: 15.49 min Scan# 2109  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:166 Resp: 572531  
Ion Ratio Lower Upper  
166 100  
165 96.7 79.0 118.6  
167 13.3 10.8 16.2

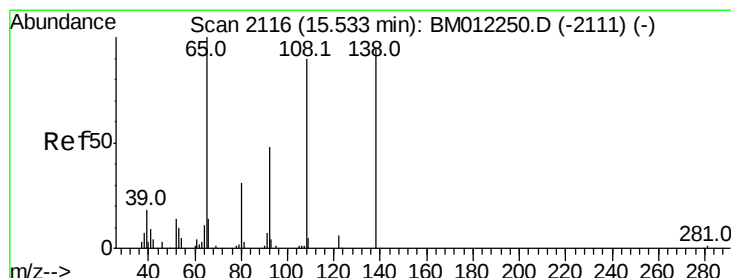
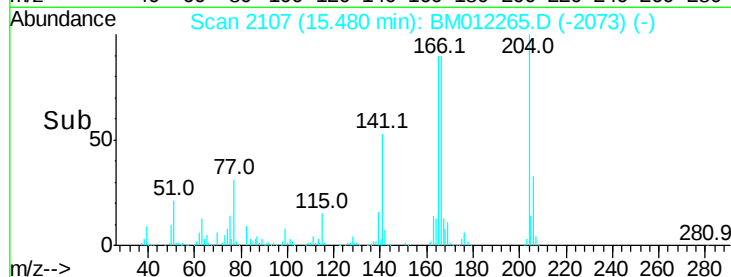
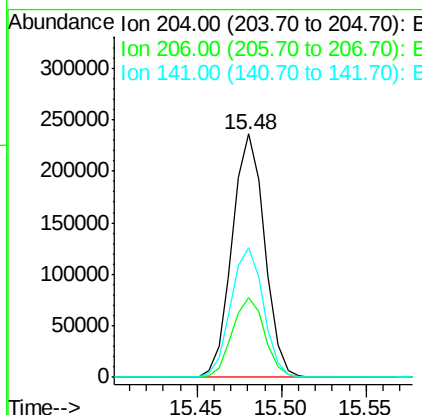
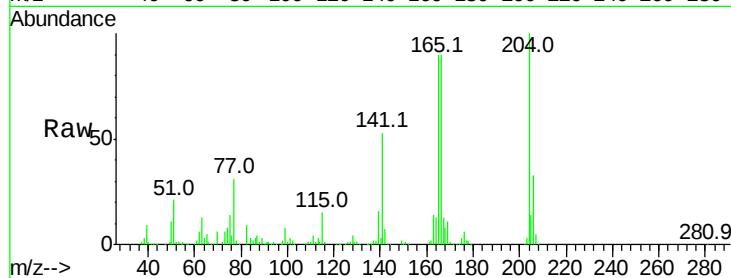




#59  
4-Chlorophenyl-phenylether  
Concen: 21.641 ng/ul  
RT: 15.48 min Scan# 2107  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

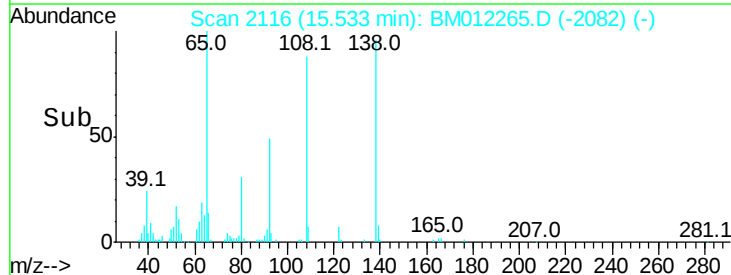
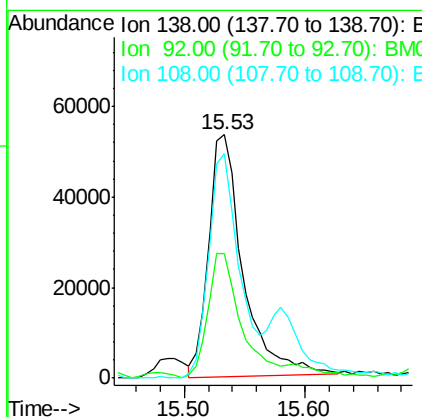
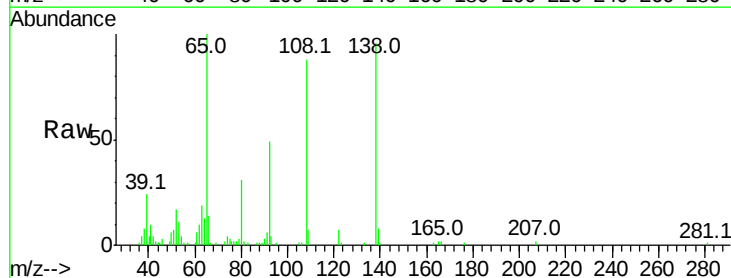
Instrument :  
BNA\_M  
ClientSampleId :

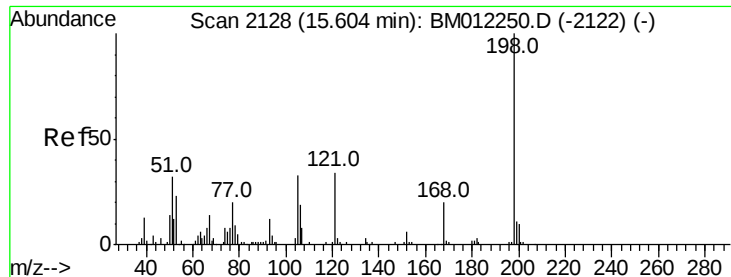
Tot Ion:204 Resp: 316336  
Ion Ratio Lower Upper  
204 100  
206 33.0 27.8 41.6  
141 53.5 43.9 65.9



#60  
4-Nitroaniline  
Concen: 18.969 ng/ul  
RT: 15.53 min Scan# 2116  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:138 Resp: 105315  
Ion Ratio Lower Upper  
138 100  
92 51.1 40.2 60.2  
108 92.1 74.3 111.5

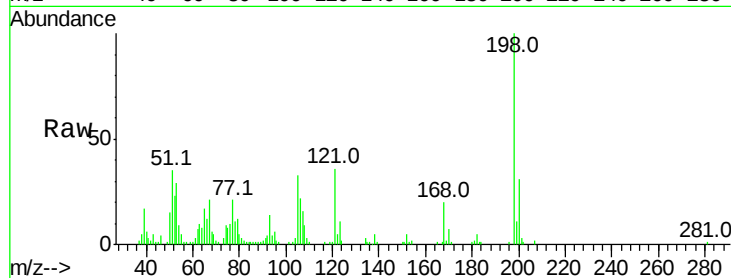




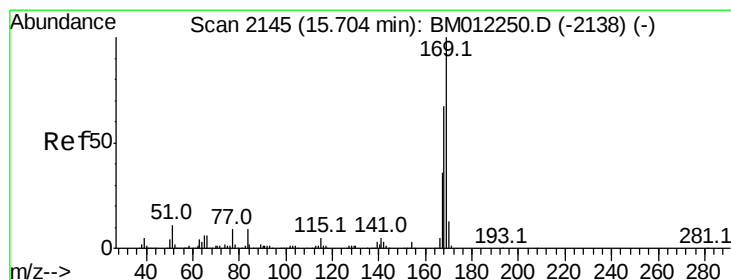
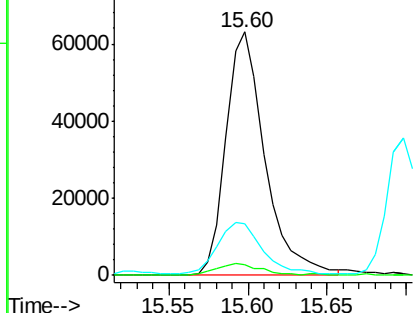
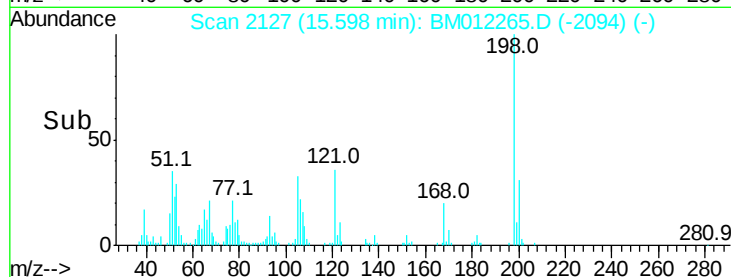
#63  
4,6-Dinitro-2-methylphenol  
Concen: 14.702 ng/ul  
RT: 15.60 min Scan# 2127  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:198 Resp: 107695  
Ion Ratio Lower Upper  
198 100  
182 4.6 3.7 5.5  
77 21.3 18.2 27.2

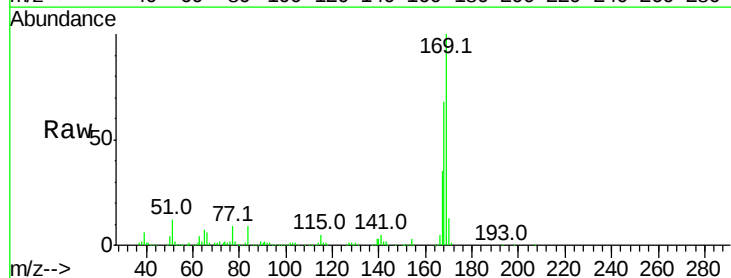


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BM0

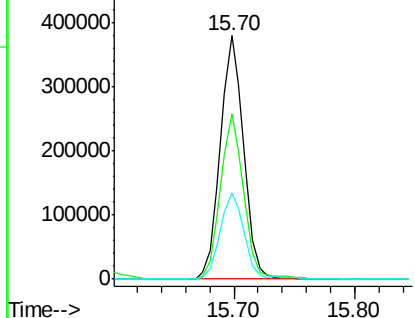
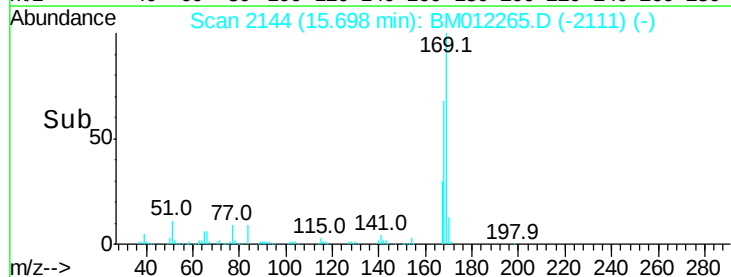


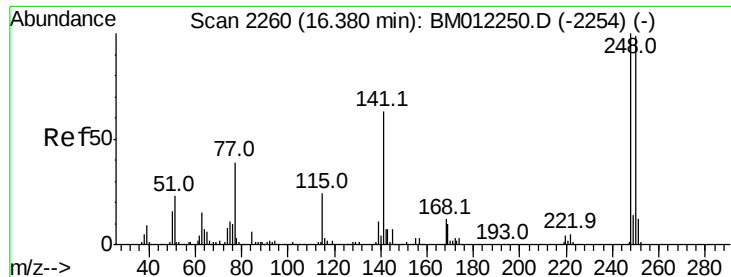
#64  
N-Nitrosodiphenylamine  
Concen: 15.861 ng/ul  
RT: 15.70 min Scan# 2144  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:169 Resp: 501951  
Ion Ratio Lower Upper  
169 100  
168 67.9 53.9 80.9  
167 35.3 28.8 43.2



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

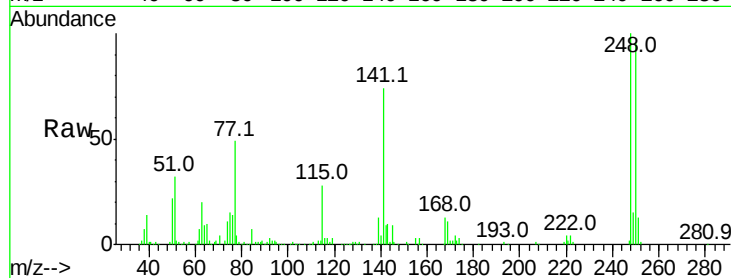




#65  
4-Bromophenyl-phenylether  
Concen: 20.180 ng/ul  
RT: 16.37 min Scan# 2259  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Instrument :  
BNA\_M  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 248     | 100   |       |       |
| 250     | 96.1  | 78.1  | 117.1 |
| 141     | 74.0  | 52.9  | 79.3  |

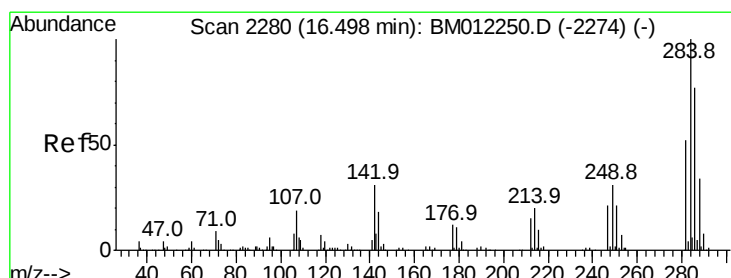
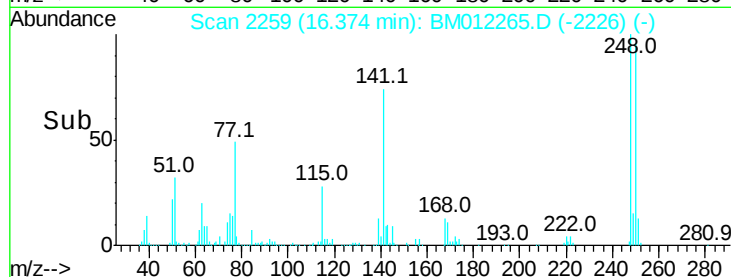
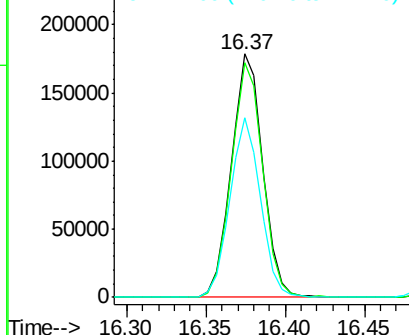


Abundance

Ion 248.00 (247.70 to 248.70): E

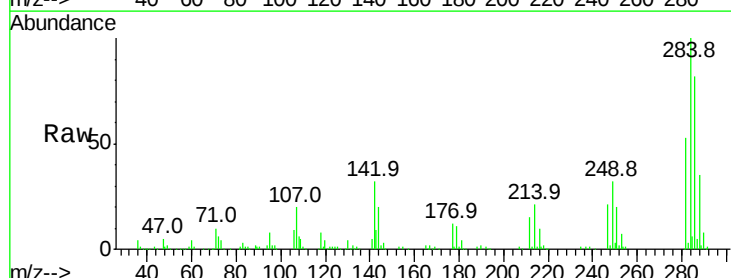
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#66  
Hexachlorobenzene  
Concen: 19.517 ng/ul  
RT: 16.50 min Scan# 2280  
Delta R.T. 0.00 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 284     | 100   |       |       |
| 142     | 31.5  | 25.7  | 38.5  |
| 249     | 32.4  | 27.0  | 40.6  |

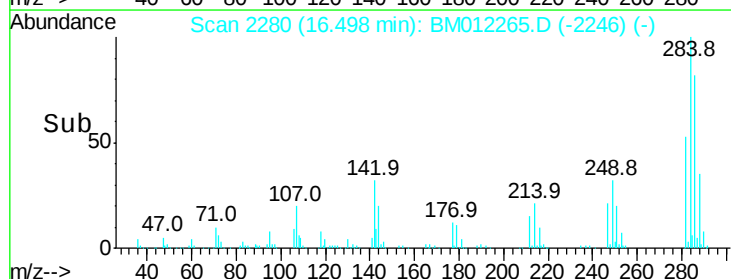
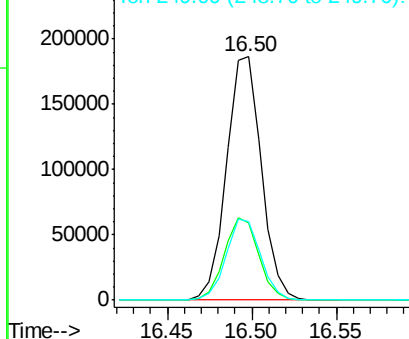


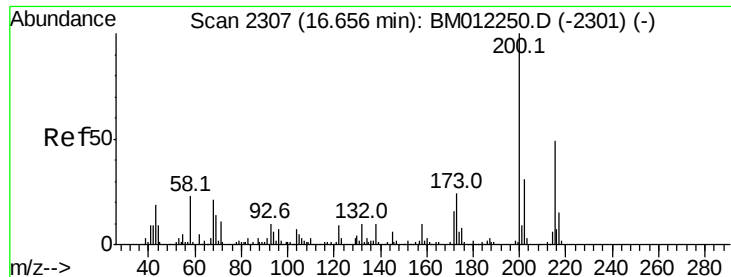
Abundance

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: 19.971 ng/ul

RT: 16.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

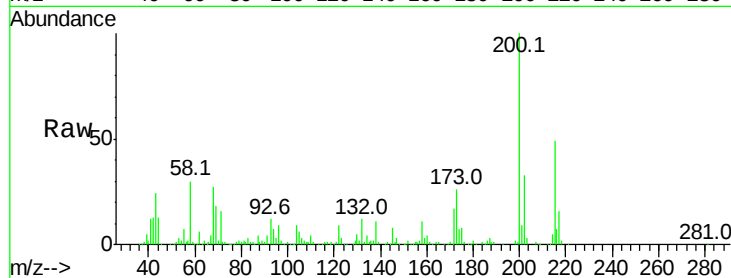
Tot Ion:200 Resp: 264261

Ion Ratio Lower Upper

200 100

173 25.8 19.1 28.7

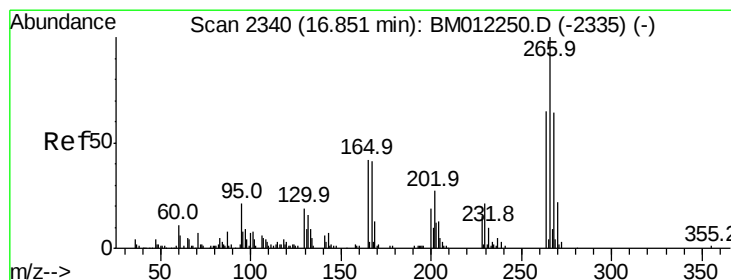
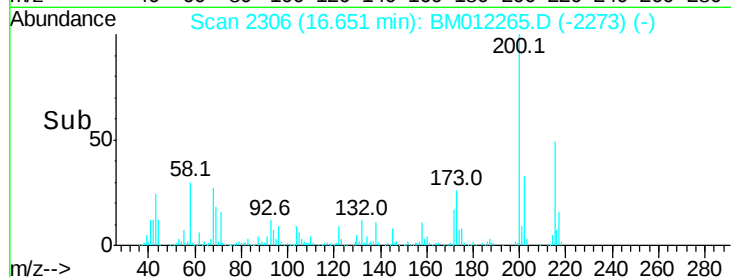
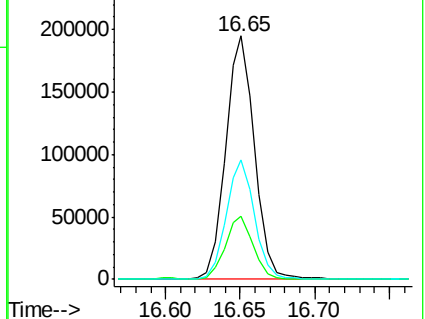
215 49.0 39.0 58.4



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: 17.032 ng/ul

RT: 16.85 min Scan# 2340

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

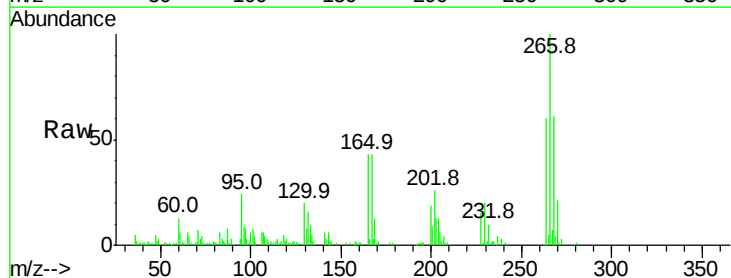
Tgt Ion:266 Resp: 130240

Ion Ratio Lower Upper

266 100

264 60.3 47.3 70.9

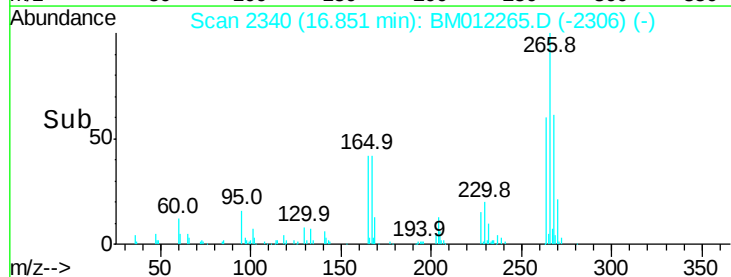
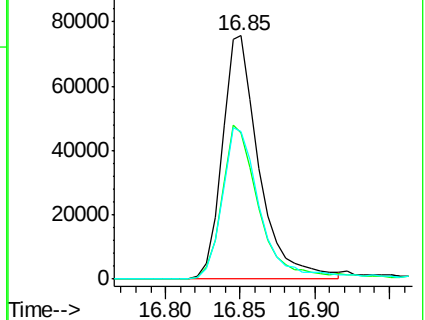
268 60.8 52.3 78.5

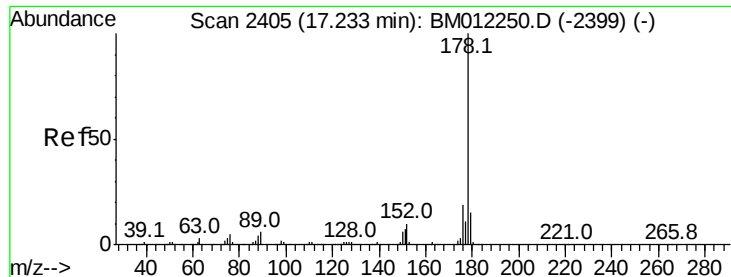


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 19.889 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

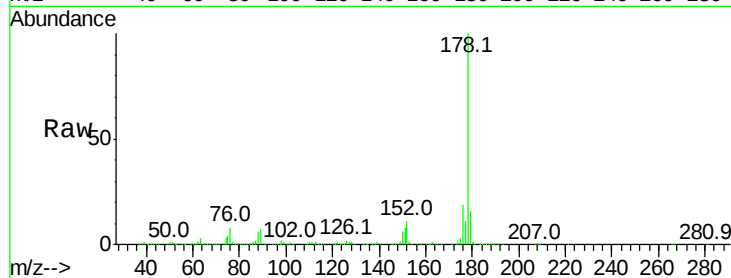
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:178 Resp: 1143917

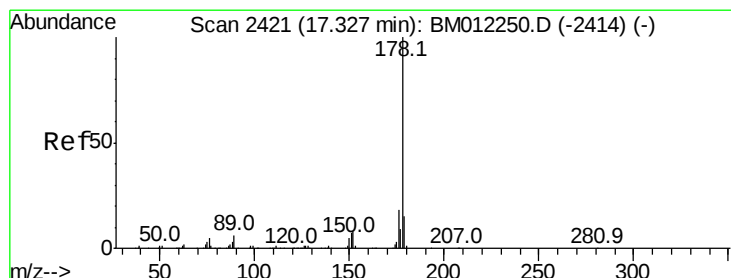
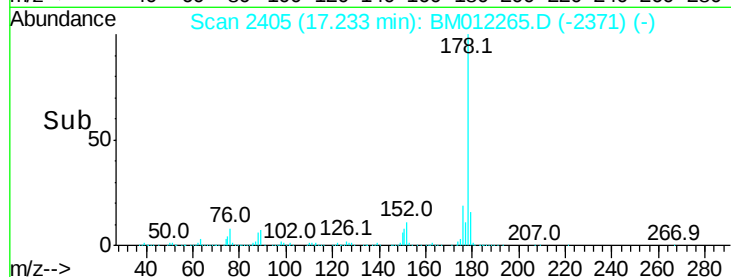
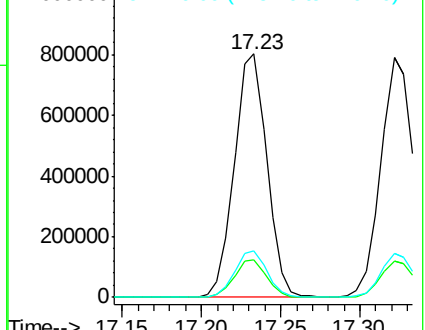
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.5  | 12.0  | 18.0  |
| 176 | 19.3  | 15.0  | 22.6  |



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 19.402 ng/ul

RT: 17.32 min Scan# 2420

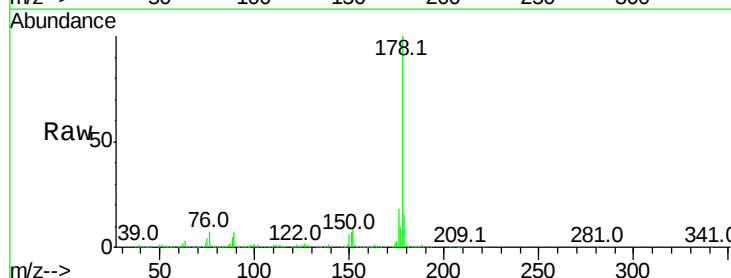
Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Tgt Ion:178 Resp: 1155273

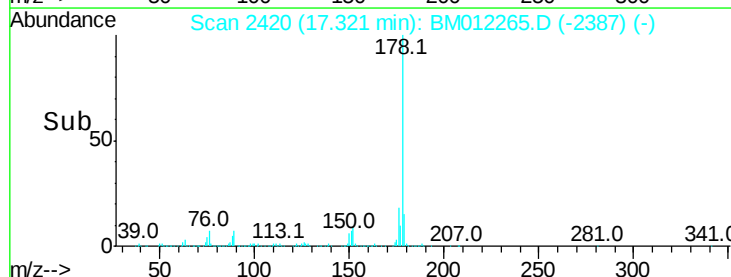
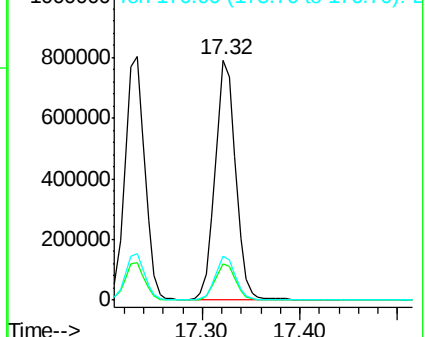
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 15.2  | 12.2  | 18.4  |
| 176 | 18.2  | 14.7  | 22.1  |

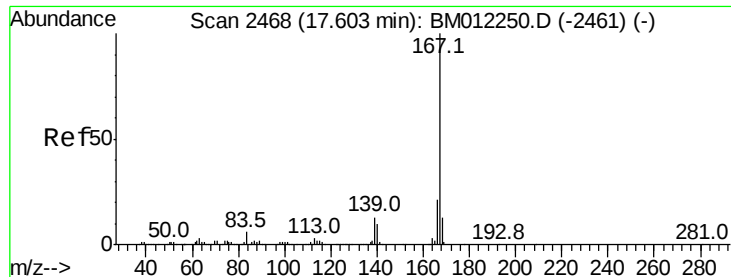


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 20.552 ng/ul

RT: 17.60 min Scan# 2467

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

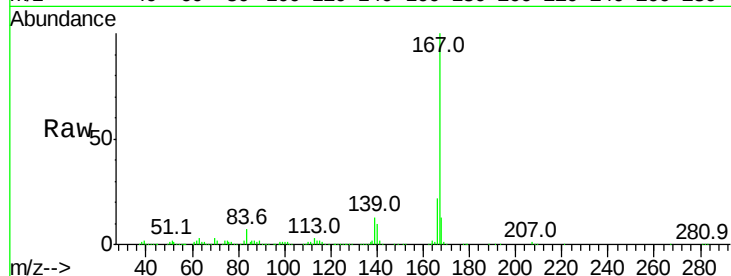
Tot Ion:167 Resp: 1035668

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

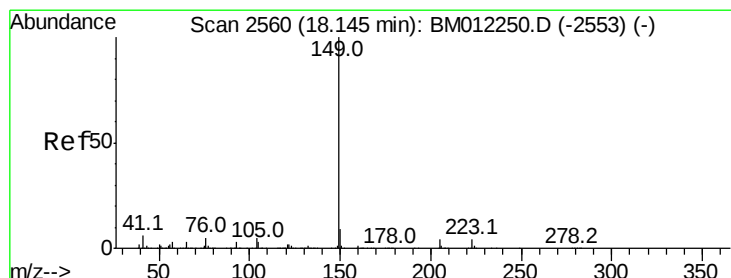
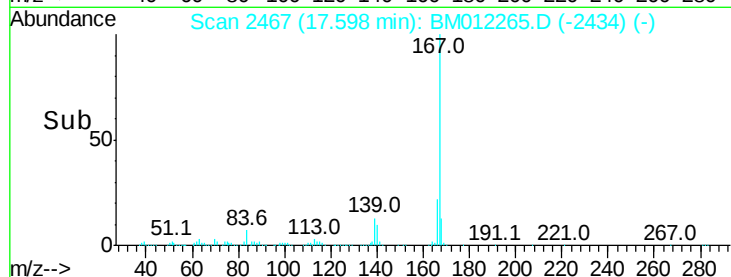
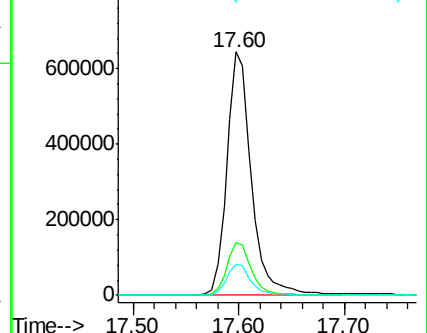
139 13.0 10.6 15.8



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: 18.583 ng/ul

RT: 18.14 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

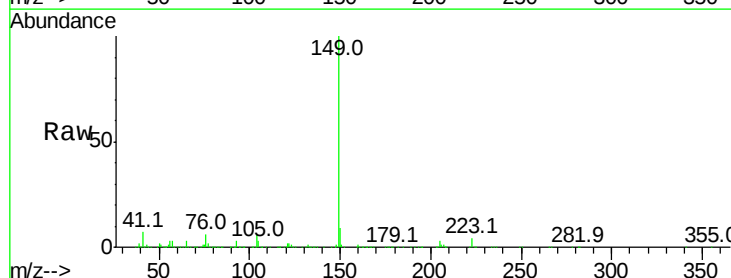
Tgt Ion:149 Resp: 1300138

Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

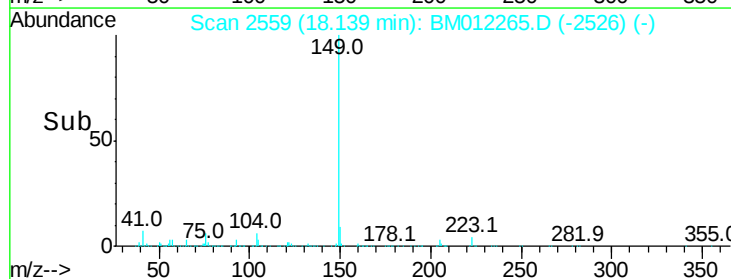
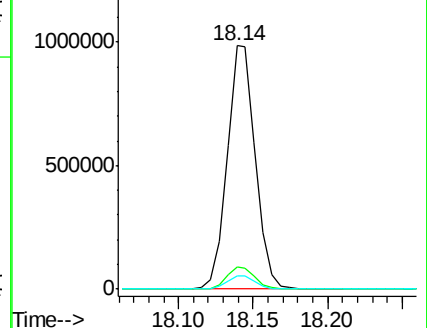
104 5.6 4.2 6.4

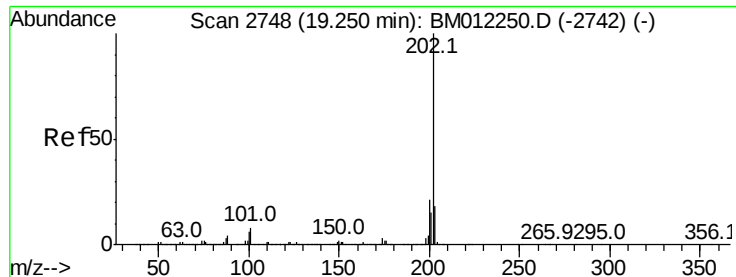


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

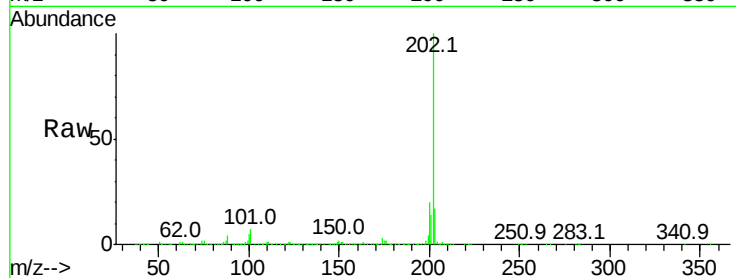




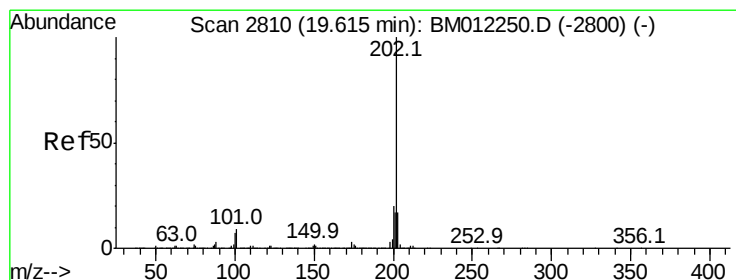
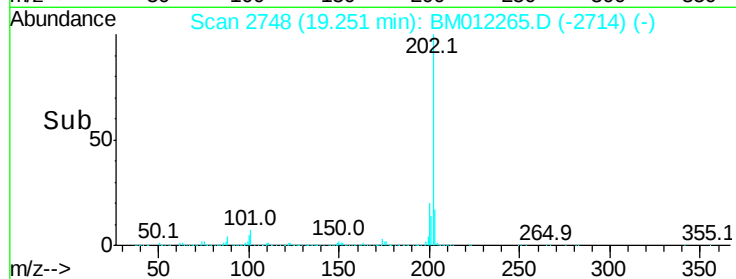
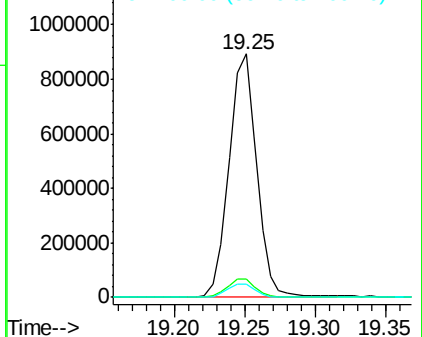
#74  
 Fluoranthene  
 Concen: 17.596 ng/ul  
 RT: 19.25 min Scan# 2748  
 Delta R.T. 0.00 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:202 Resp: 1221311  
 Ion Ratio Lower Upper  
 202 100  
 101 7.5 5.8 8.6  
 100 5.4 4.3 6.5

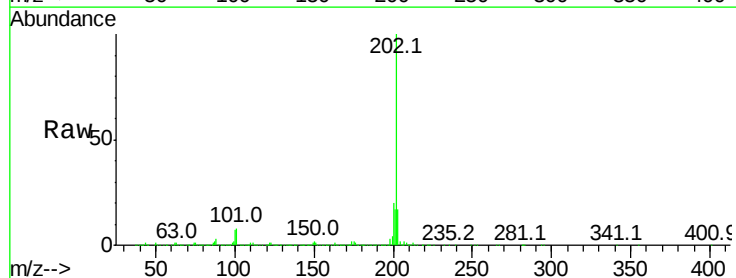


Abundance Ion 202.00 (201.70 to 202.70): E  
 1200000 Ion 101.00 (100.70 to 101.70): E  
 1000000 Ion 100.00 (99.70 to 100.70): B

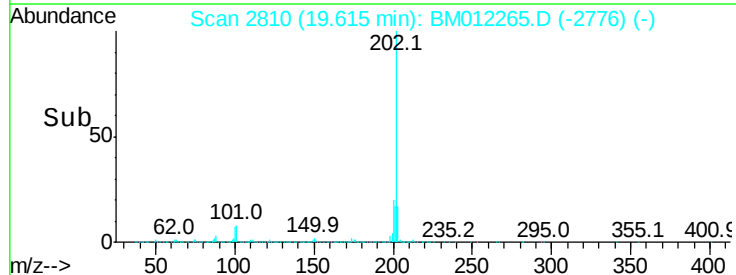
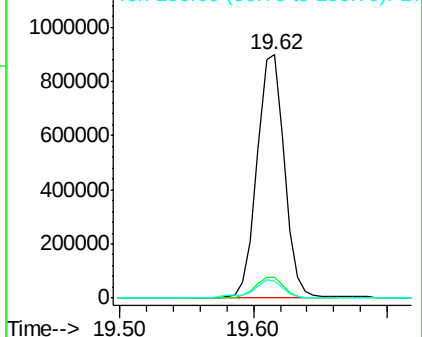


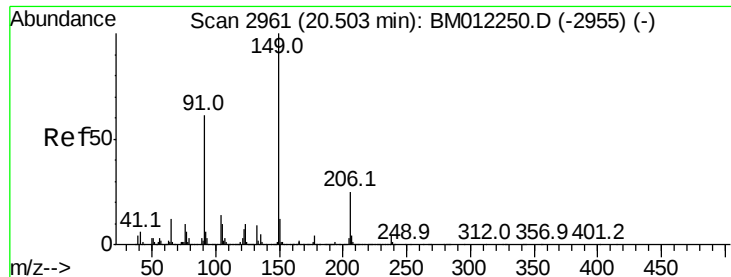
#77  
 Pyrene  
 Concen: 17.912 ng/ul  
 RT: 19.62 min Scan# 2810  
 Delta R.T. 0.00 min  
 Lab File: BM012265.D  
 Acq: 18 Oct 2017 01:11

Tgt Ion:202 Resp: 1269146  
 Ion Ratio Lower Upper  
 202 100  
 101 8.5 6.5 9.7  
 100 7.1 5.6 8.4



Abundance Ion 202.00 (201.70 to 202.70): E  
 1200000 Ion 101.00 (100.70 to 101.70): E  
 1000000 Ion 100.00 (99.70 to 100.70): B

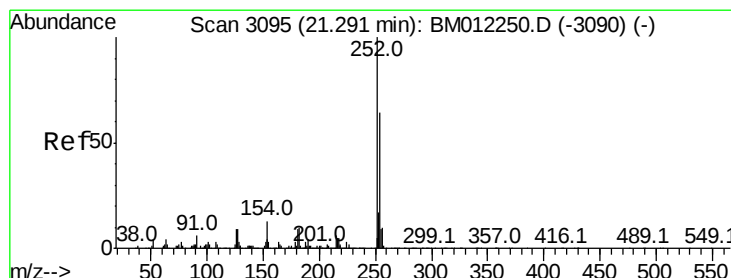
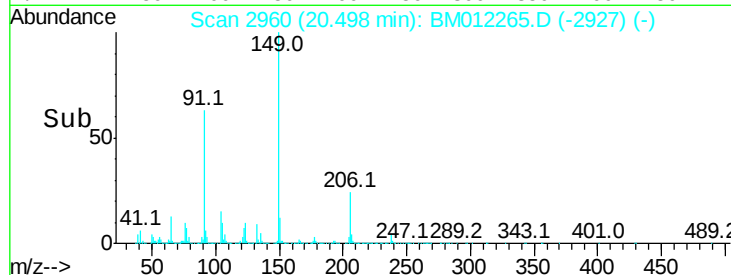
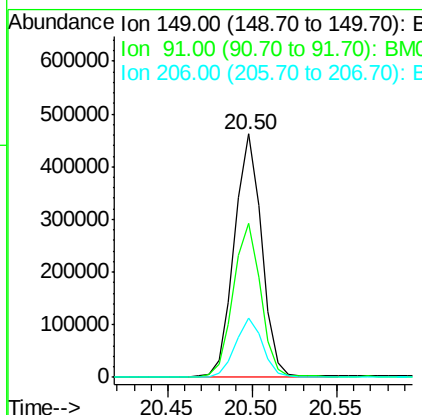
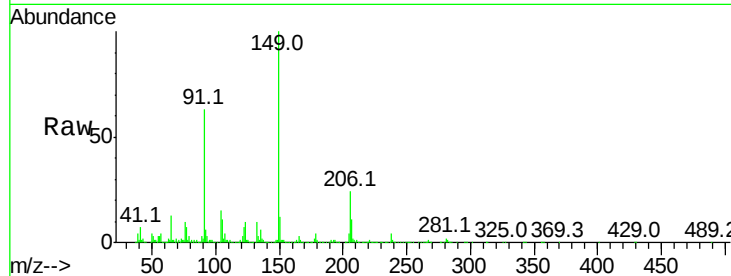




#78  
Butylbenzylphthalate  
Concen: 16.342 ng/ul  
RT: 20.50 min Scan# 2960  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

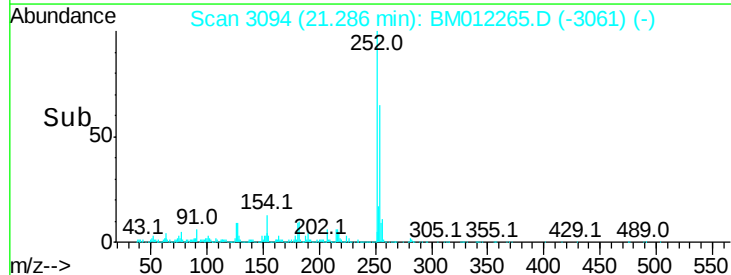
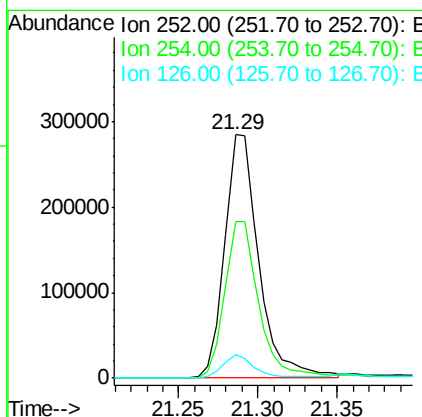
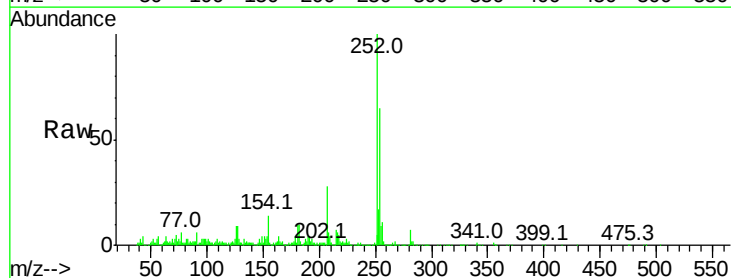
Instrument :  
BNA\_M  
ClientSampleId :

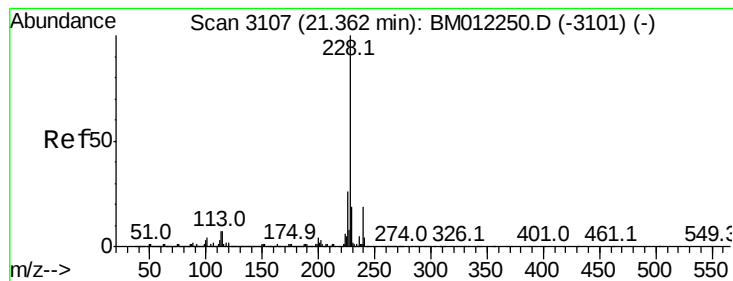
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 63.5  | 52.8  | 79.2  |
| 206     | 24.3  | 19.1  | 28.7  |



#79  
3,3'-Dichlorobenzidine  
Concen: 19.757 ng/ul  
RT: 21.29 min Scan# 3094  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 64.5  | 51.5  | 77.3  |
| 126     | 9.5   | 6.9   | 10.3  |





#80

Benzo(a)anthracene

Concen: 19.397 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

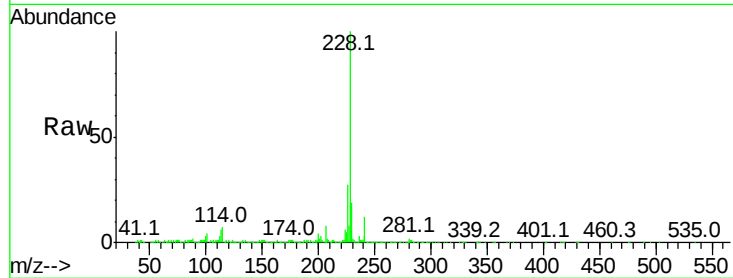
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1354154

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 19.3  | 15.8  | 23.8  |
| 226 | 26.7  | 21.4  | 32.2  |

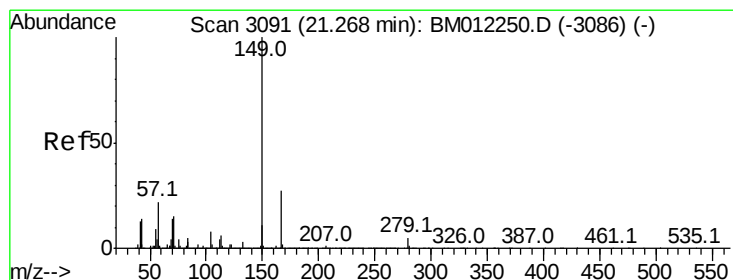
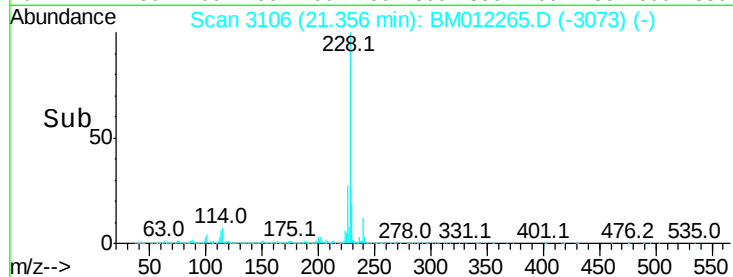
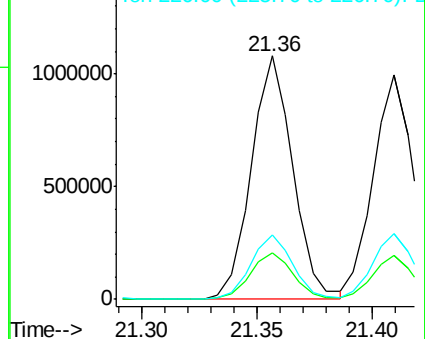


Abundance

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: 16.240 ng/ul

RT: 21.26 min Scan# 3090

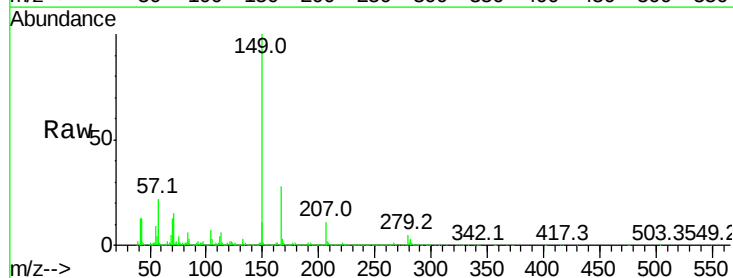
Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Tgt Ion:149 Resp: 768586

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.2  | 22.5  | 33.7  |
| 279 | 4.5   | 4.4   | 6.6   |

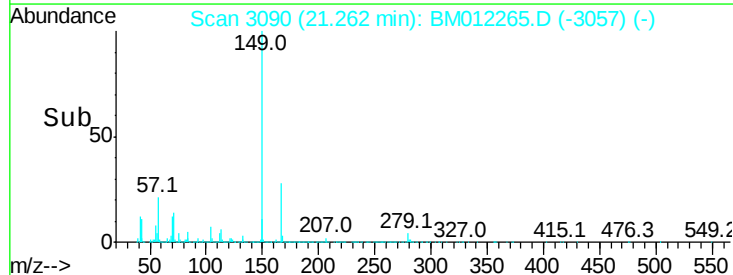
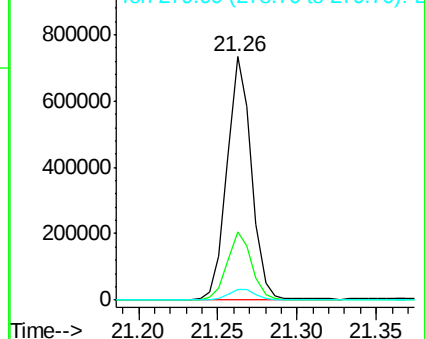


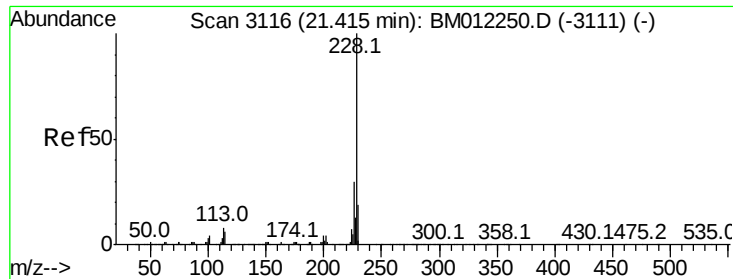
Abundance

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: 18.844 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

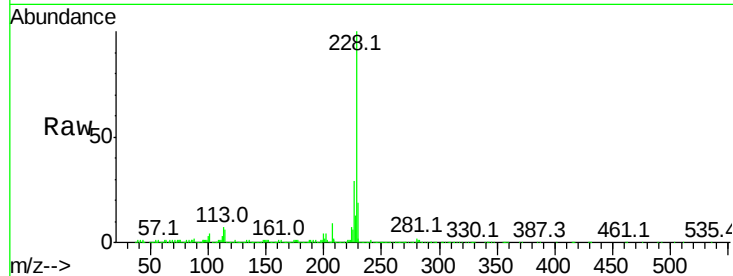
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1235130

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 226 | 29.5  | 24.0  | 36.0  |
| 229 | 19.5  | 15.5  | 23.3  |

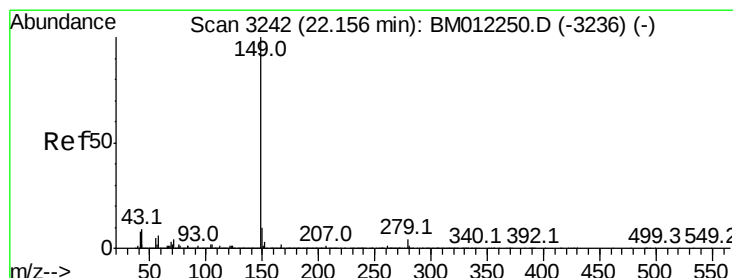
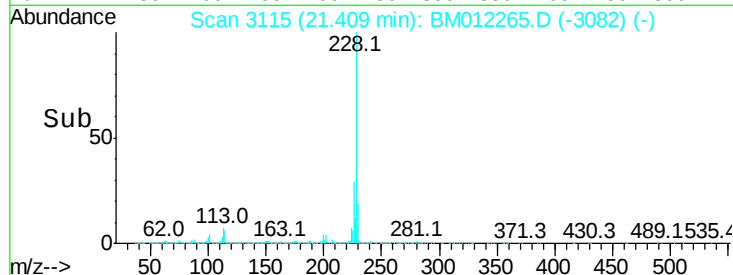


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Di-n-octyl phthalate

Concen: 18.458 ng/ul

RT: 22.15 min Scan# 3241

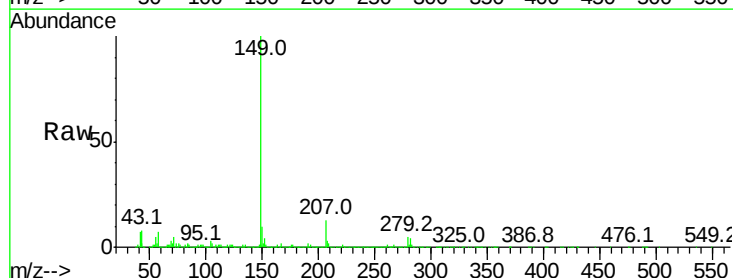
Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Tgt Ion:149 Resp: 1364954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.7   | 1.5   | 2.3   |
| 43  | 8.5   | 6.4   | 9.6   |

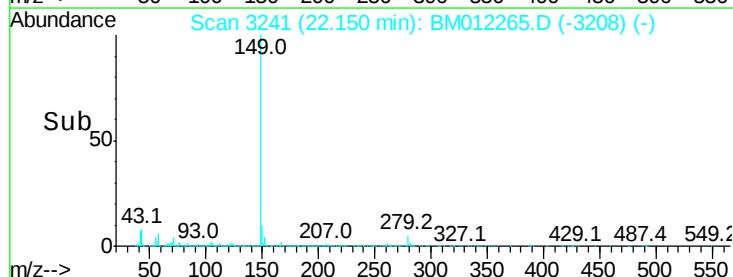


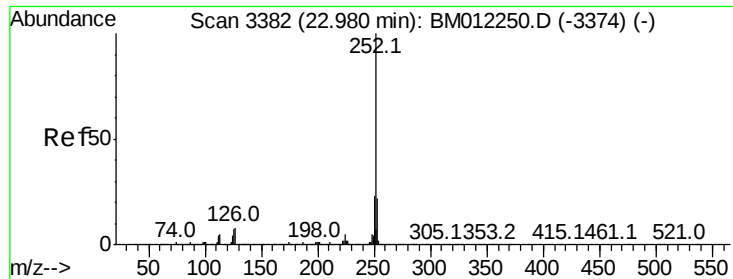
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

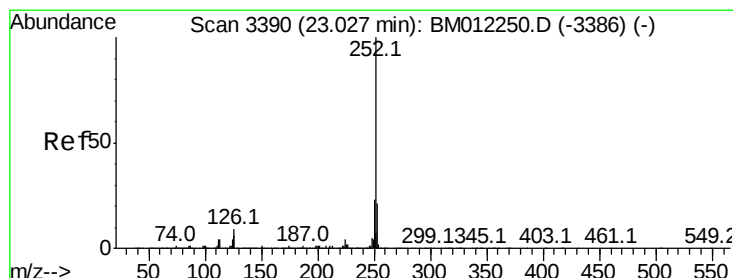
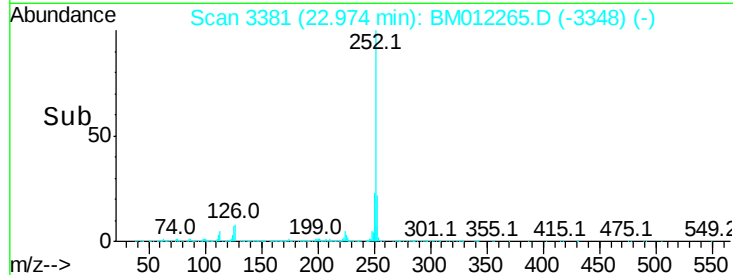
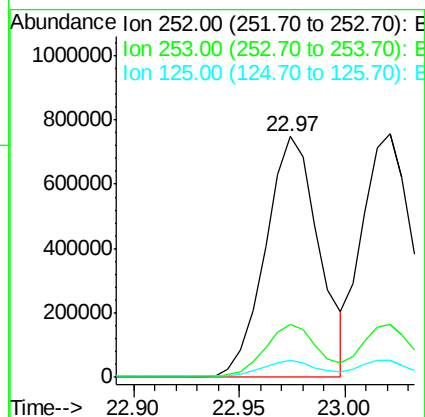
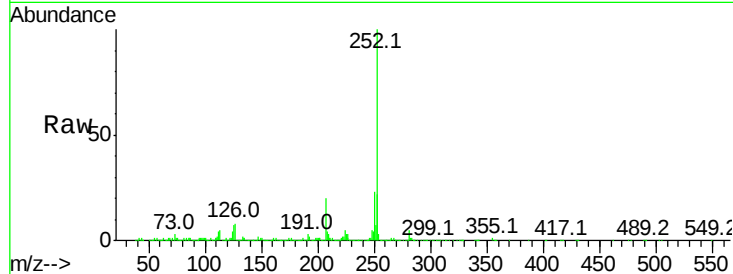




#85  
Benzo(b)fluoranthene  
Concen: 19.907 ng/ul  
RT: 22.97 min Scan# 3381  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

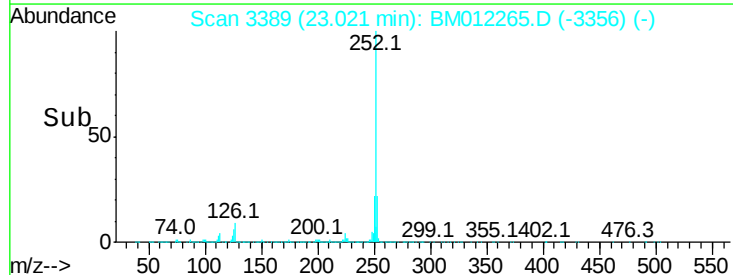
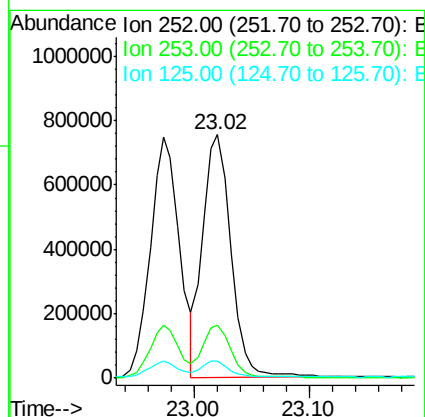
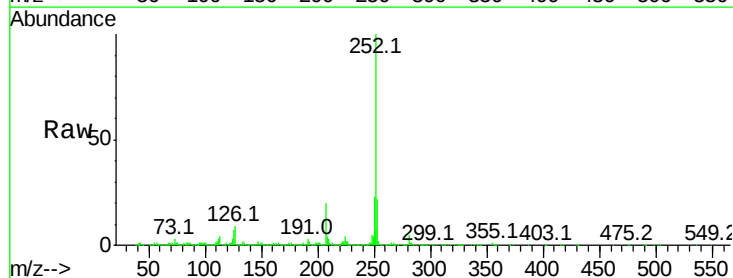
Instrument :  
BNA\_M  
ClientSampleId :

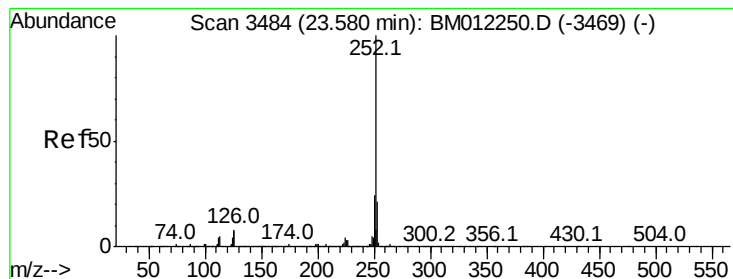
Tot Ion:252 Resp: 1313978  
Ion Ratio Lower Upper  
252 100  
253 22.2 17.4 26.2  
125 7.1 5.1 7.7



#86  
Benzo(k)fluoranthene  
Concen: 20.206 ng/ul  
RT: 23.02 min Scan# 3389  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:252 Resp: 1285252  
Ion Ratio Lower Upper  
252 100  
253 21.8 17.8 26.6  
125 6.9 4.9 7.3

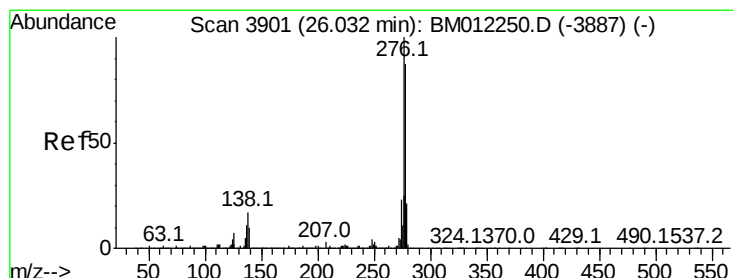
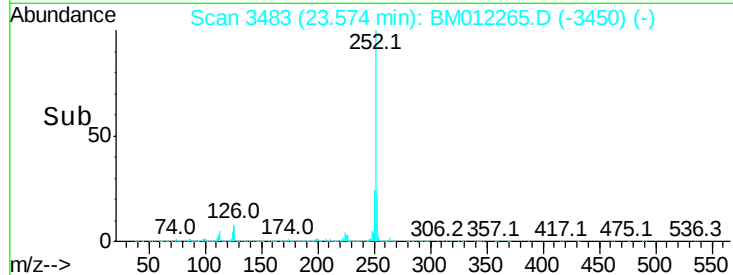
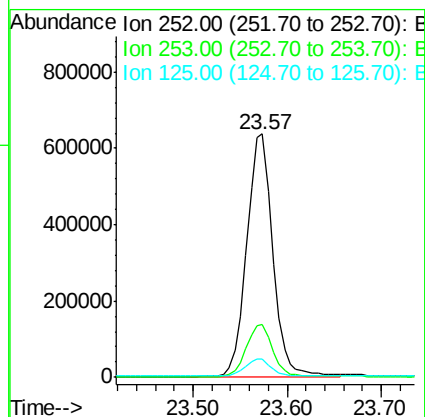
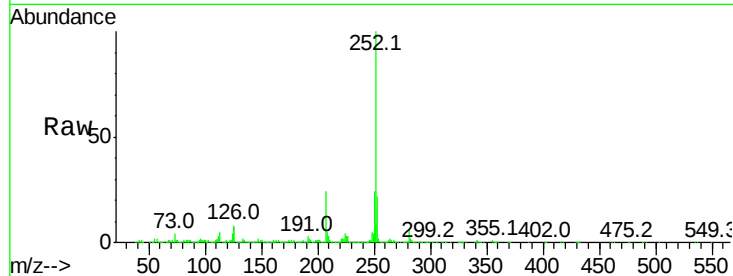




#88  
Benzo(a)pyrene  
Concen: 19.712 ng/ul  
RT: 23.57 min Scan# 3483  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

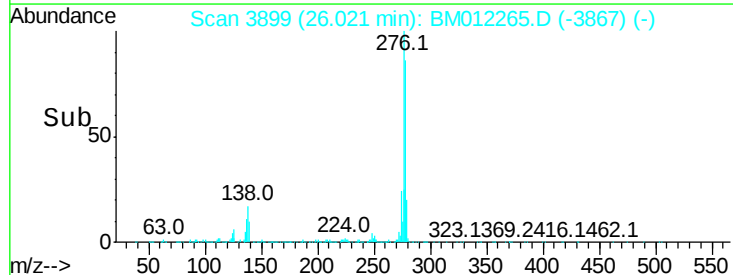
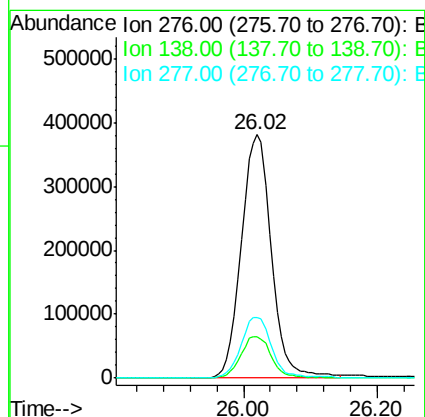
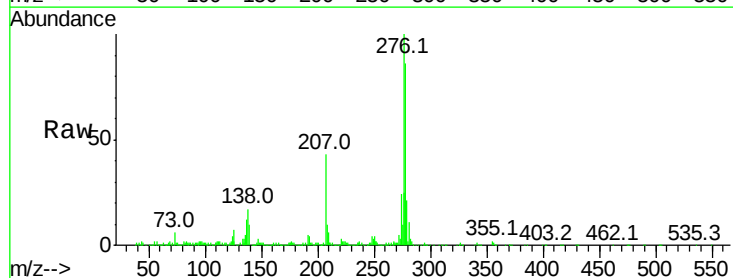
Instrument :  
BNA\_M  
ClientSampleId :

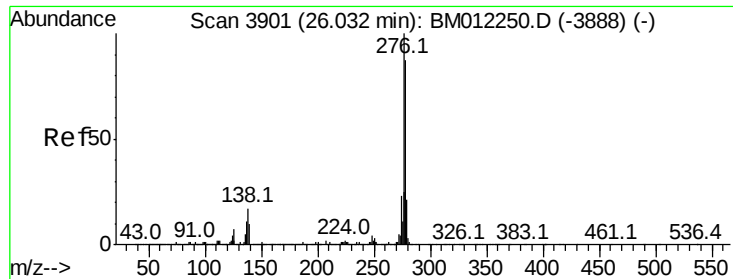
Tot Ion:252 Resp: 1226340  
Ion Ratio Lower Upper  
252 100  
253 21.9 17.1 25.7  
125 7.3 5.2 7.8



#89  
Indeno(1,2,3-cd)pyrene  
Concen: 17.808 ng/ul  
RT: 26.02 min Scan# 3899  
Delta R.T. -0.01 min  
Lab File: BM012265.D  
Acq: 18 Oct 2017 01:11

Tgt Ion:276 Resp: 1176453  
Ion Ratio Lower Upper  
276 100  
138 17.1 13.2 19.8  
277 24.9 20.6 31.0





#90

Dibenzo(a,h)anthracene

Concen: 17.492 ng/ul

RT: 26.02 min Scan# 3899

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

Instrument :

BNA\_M

ClientSampleId :

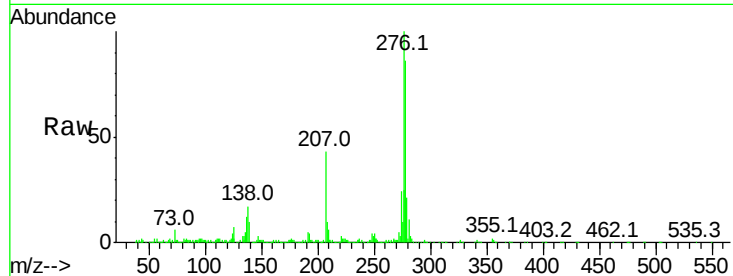
Tot Ion:278 Resp: 971464

Ion Ratio Lower Upper

278 100

139 12.0 8.3 12.5

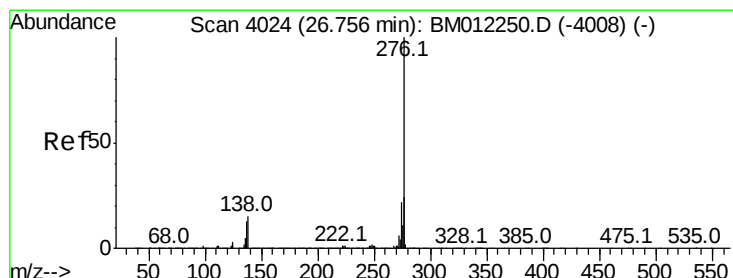
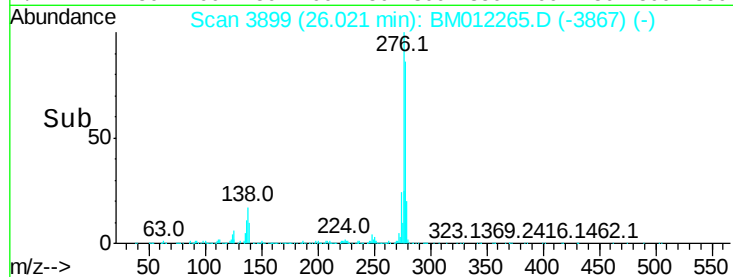
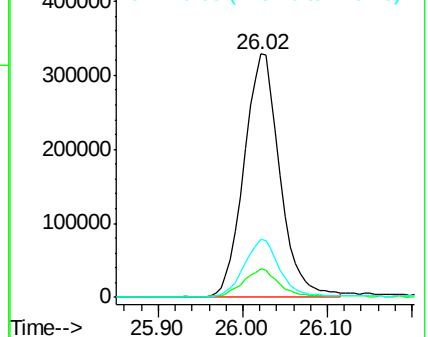
279 23.8 19.3 28.9



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: 17.473 ng/ul

RT: 26.74 min Scan# 4022

Delta R.T. -0.01 min

Lab File: BM012265.D

Acq: 18 Oct 2017 01:11

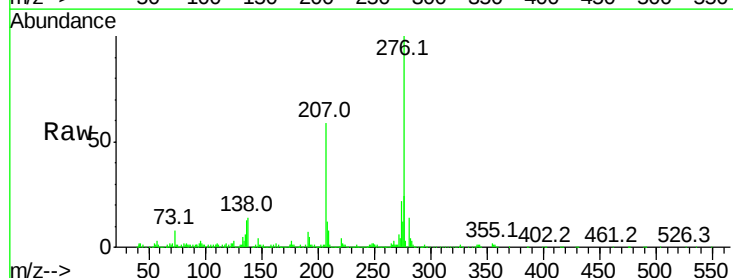
Tgt Ion:276 Resp: 945459

Ion Ratio Lower Upper

276 100

138 14.2 10.7 16.1

277 23.8 19.0 28.4



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

