

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\  
 Data File : BM009259.D  
 Acq On : 15 Mar 2017 10:51  
 Operator : SJ/MA  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 16 01:07:32 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 01:51:24 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.87  | 152  | 81529    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.67 | 136  | 428627   | 20.00 | ng/ul | 0.00     |
| 35) Acenaphthene-d10      | 14.52 | 164  | 334646   | 20.00 | ng/ul | 0.00     |
| 61) Phenanthrene-d10      | 17.26 | 188  | 913554   | 20.00 | ng/ul | 0.00     |
| 77) Chrysene-d12          | 21.44 | 240  | 1385076  | 20.00 | ng/ul | 0.00     |
| 85) Perylene-d12          | 23.77 | 264  | 1411966  | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |         |       |       |       |
|--------------------------------|-------|-----|---------|-------|-------|-------|
| 3) 1,4-Dioxane-d8              | 3.34  | 96  | 14815   | 8.00  | ng/uL | 0.00  |
| 5) Phenol-d5                   | 7.03  | 99  | 168875  | 19.15 | ng/ul | 0.00  |
| 7) Bis-(2-Chloroethyl)ether-d  | 7.06  | 67  | 8288    | 1.44  | ng/ul | -0.15 |
| 9) 2-Chlorophenol-d4           | 7.40  | 132 | 108867  | 20.20 | ng/ul | 0.00  |
| 13) 4-Methylphenol-d8          | 8.57  | 113 | 142432  | 20.24 | ng/ul | 0.00  |
| 19) Nitrobenzene-d5            | 9.05  | 128 | 58880   | 19.24 | ng/ul | 0.00  |
| 22) 2-Nitrophenol-d4           | 9.76  | 143 | 62841   | 18.50 | ng/ul | 0.00  |
| 26) 2,4-Dichlorophenol-d3      | 10.29 | 165 | 135653  | 18.69 | ng/ul | 0.00  |
| 29) 4-Chloroaniline-d4         | 10.82 | 131 | 174862  | 20.20 | ng/ul | 0.00  |
| 43) Dimethylphthalate-d6       | 13.92 | 166 | 551400  | 21.69 | ng/ul | 0.00  |
| 46) Acenaphthylene-d8          | 14.21 | 160 | 634048  | 21.69 | ng/ul | 0.00  |
| 51) 4-Nitrophenol-d4           | 14.71 | 143 | 102318  | 20.28 | ng/ul | 0.00  |
| 57) Fluorene-d10               | 15.51 | 176 | 487629  | 21.50 | ng/ul | 0.00  |
| 62) 4,6-Dinitro-2-methylphenol | 15.63 | 200 | 99384   | 18.18 | ng/ul | 0.00  |
| 70) Anthracene-d10             | 17.26 | 188 | 913554  | 21.13 | ng/ul | -0.10 |
| 78) Pyrene-d10                 | 19.66 | 212 | 1072065 | 19.18 | ng/ul | 0.00  |
| 89) Benzo(a)pyrene-d12         | 23.63 | 264 | 1261878 | 19.53 | ng/ul | 0.00  |

## Target Compounds

|                                |       |     |        |       |        | Ovalue |
|--------------------------------|-------|-----|--------|-------|--------|--------|
| 2) 1,4-Dioxane                 | 3.38  | 88  | 19530  | 9.94  | ng/uL# | 83     |
| 4) Benzaldehyde                | 7.02  | 77  | 130364 | 22.06 | ng/ul  | 83     |
| 6) Phenol                      | 7.06  | 94  | 182595 | 19.39 | ng/ul# | 81     |
| 8) Bis(2-Chloroethyl)ether     | 7.30  | 93  | 138912 | 20.59 | ng/ul# | 85     |
| 10) 2-Chlorophenol             | 7.43  | 128 | 114486 | 20.60 | ng/ul# | 72     |
| 11) 2-Methylphenol             | 8.31  | 108 | 135712 | 19.89 | ng/ul  | 97     |
| 12) 2,2'-oxybis(1-Chloropropan | 8.40  | 45  | 232164 | 20.66 | ng/ul# | 85     |
| 14) Acetophenone               | 8.70  | 105 | 239687 | 20.28 | ng/ul# | 74     |
| 15) N-Nitroso-di-n-propylamine | 8.68  | 70  | 145134 | 20.03 | ng/ul# | 82     |
| 16) 4-Methylphenol             | 8.63  | 108 | 152472 | 19.71 | ng/ul  | 99     |
| 17) Hexachloroethane           | 8.95  | 117 | 48646  | 19.99 | ng/ul# | 79     |
| 20) Nitrobenzene               | 9.08  | 77  | 201729 | 19.76 | ng/ul# | 79     |
| 21) Isophorone                 | 9.60  | 82  | 389457 | 19.29 | ng/ul# | 90     |
| 23) 2-Nitrophenol              | 9.79  | 139 | 71046  | 19.21 | ng/ul# | 77     |
| 24) 2,4-Dimethylphenol         | 9.84  | 107 | 186980 | 19.70 | ng/ul  | 95     |
| 25) Bis(2-Chloroethoxy)methane | 10.08 | 93  | 213466 | 19.28 | ng/ul# | 98     |
| 27) 2,4-Dichlorophenol         | 10.32 | 162 | 139416 | 19.41 | ng/ul  | 96     |
| 28) Naphthalene                | 10.73 | 128 | 431091 | 19.61 | ng/ul  | 99     |
| 30) 4-Chloroaniline            | 10.84 | 127 | 184120 | 20.07 | ng/ul  | 98     |
| 31) Hexachlorobutadiene        | 11.00 | 225 | 92953  | 18.77 | ng/ul  | 93     |
| 32) Caprolactam                | 11.61 | 113 | 58277  | 19.42 | ng/ul# | 45     |
| 33) 4-Chloro-3-methylphenol    | 11.95 | 107 | 185152 | 19.64 | ng/ul  | 92     |
| 34) 2-Methylnaphthalene        | 12.33 | 142 | 344140 | 19.66 | ng/ul  | 93     |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031517\  
 Data File : BM009259.D  
 Acq On : 15 Mar 2017 10:51  
 Operator : SJ/MA  
 Sample : SSTDC0020  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

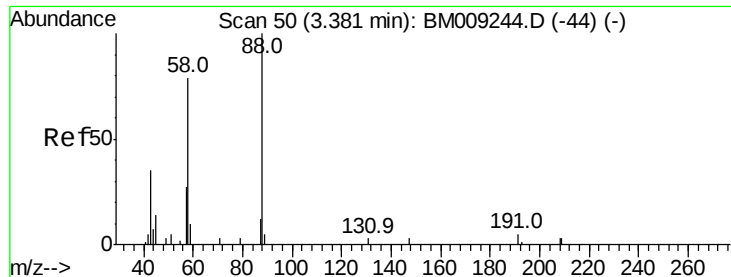
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Mar 16 01:07:32 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Mar 15 01:51:24 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| 36) 1,2,4,5-Tetrachlorobenzene | 12.70 | 216  | 214927   | 21.35 | ng/ul# | 94       |
| 37) Hexachlorocyclopentadiene  | 12.67 | 237  | 110044   | 19.34 | ng/ul  | 98       |
| 38) 2,4,6-Trichlorophenol      | 12.94 | 196  | 135311   | 21.20 | ng/ul  | 99       |
| 39) 2,4,5-Trichlorophenol      | 13.01 | 196  | 154071   | 21.07 | ng/ul  | 99       |
| 40) 1,1'-Biphenyl              | 13.34 | 154  | 498416   | 21.26 | ng/ul  | 98       |
| 41) 2-Chloronaphthalene        | 13.39 | 162  | 389450   | 21.46 | ng/ul  | 97       |
| 42) 2-Nitroaniline             | 13.60 | 65   | 154144   | 20.68 | ng/ul# | 69       |
| 44) Dimethylphthalate          | 13.97 | 163  | 547351   | 21.47 | ng/ul  | 99       |
| 45) 2,6-Dinitrotoluene         | 14.10 | 165  | 99689    | 20.33 | ng/ul# | 79       |
| 47) Acenaphthylene             | 14.24 | 152  | 621147   | 21.23 | ng/ul  | 99       |
| 48) 3-Nitroaniline             | 14.43 | 138  | 114282   | 21.88 | ng/ul# | 74       |
| 49) Acenaphthene               | 14.58 | 153  | 445447   | 21.64 | ng/ul  | 98       |
| 50) 2,4-Dinitrophenol          | 14.63 | 184  | 63390    | 19.72 | ng/ul# | 83       |
| 52) 4-Nitrophenol              | 14.72 | 109  | 122079   | 20.71 | ng/ul# | 78       |
| 53) Dibenzofuran               | 14.92 | 168  | 670990   | 22.12 | ng/ul  | 96       |
| 54) 2,4-Dinitrotoluene         | 14.89 | 165  | 168807   | 22.34 | ng/ul# | 74       |
| 55) 2,3,4,6-Tetrachlorophenol  | 15.14 | 232  | 150000   | 21.38 | ng/ul  | 91       |
| 56) Diethylphthalate           | 15.33 | 149  | 575837   | 21.57 | ng/ul  | 100      |
| 58) Fluorene                   | 15.57 | 166  | 569097   | 21.74 | ng/ul  | 98       |
| 59) 4-Chlorophenyl-phenylether | 15.56 | 204  | 293745   | 21.84 | ng/ul  | 89       |
| 60) 4-Nitroaniline             | 15.59 | 138  | 134912   | 22.75 | ng/ul# | 74       |
| 63) 4,6-Dinitro-2-methylphenol | 15.64 | 198  | 103289   | 17.99 | ng/ul# | 90       |
| 64) N-Nitrosodiphenylamine     | 15.77 | 169  | 503849   | 19.63 | ng/ul  | 99       |
| 65) 4-Bromophenyl-phenylether  | 16.45 | 248  | 192295   | 19.48 | ng/ul  | 93       |
| 66) Hexachlorobenzene          | 16.56 | 284  | 216252   | 19.70 | ng/ul  | 92       |
| 67) Atrazine                   | 16.72 | 200  | 194472   | 18.12 | ng/ul  | 94       |
| 68) Pentachlorophenol          | 16.91 | 266  | 127257   | 17.64 | ng/ul  | 96       |
| 69) Phenanthrene               | 17.31 | 178  | 1002832  | 19.73 | ng/ul  | 98       |
| 71) Anthracene                 | 17.40 | 178  | 1012358  | 19.52 | ng/ul  | 98       |
| 72) 1,2,3,4-Tetrachlorobenzene | 13.31 | 216  | 199859   | 18.62 | ng/uL  | 95       |
| 73) Pentachlorobenzene         | 14.83 | 250  | 225488   | 19.57 | ng/uL  | 97       |
| 74) Carbazole                  | 17.67 | 167  | 942332   | 19.47 | ng/ul  | 99       |
| 75) Di-n-butylphthalate        | 18.22 | 149  | 1039454  | 18.64 | ng/ul  | 98       |
| 76) Fluoranthene               | 19.32 | 202  | 1317779  | 20.56 | ng/ul  | 97       |
| 79) Pvrene                     | 19.69 | 202  | 1389884  | 19.31 | ng/ul  | 97       |
| 80) Butylbenzylphthalate       | 20.57 | 149  | 515026   | 17.81 | ng/ul# | 81       |
| 81) 3,3'-Dichlorobenzidine     | 21.36 | 252  | 527089   | 20.09 | ng/ul# | 98       |
| 82) Benzo(a)anthracene         | 21.43 | 228  | 1566967  | 19.79 | ng/ul  | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.33 | 149  | 767374   | 17.05 | ng/ul  | 100      |
| 84) Chrysene                   | 21.47 | 228  | 1430041  | 19.15 | ng/ul  | 99       |
| 86) Di-n-octyl phthalate       | 22.24 | 149  | 1411899  | 18.59 | ng/ul# | 89       |
| 87) Benzo(b)fluoranthene       | 23.07 | 252  | 1667965  | 19.99 | ng/ul# | 96       |
| 88) Benzo(k)fluoranthene       | 23.11 | 252  | 1521665  | 19.08 | ng/ul# | 97       |
| 90) Benzo(a)pyrene             | 23.67 | 252  | 1611686  | 19.87 | ng/ul  | 98       |
| 91) Indeno(1,2,3-cd)pyrene     | 26.16 | 276  | 1894414  | 19.47 | ng/ul# | 89       |
| 92) Dibenzo(a,h)anthracene     | 26.17 | 278  | 1603993  | 19.49 | ng/ul# | 95       |
| 93) Benzo(g,h,i)perylene       | 26.89 | 276  | 1581176  | 19.63 | ng/ul# | 92       |

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





#2

1,4-Dioxane

Concen: 9.94 ng/uL

RT: 3.38 min Scan# 50

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

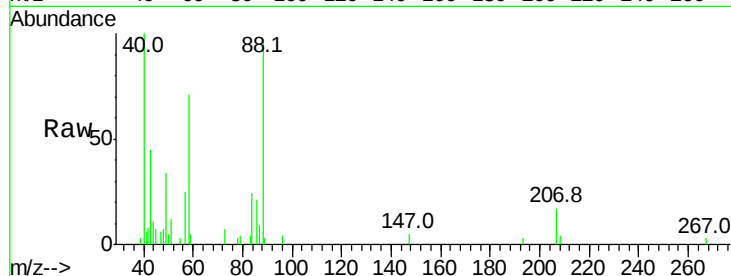
Tot Ion: 88 Resp: 19530

Ion Ratio Lower Upper

88 100

43 34.4 21.0 31.6#

58 72.7 47.8 71.8#

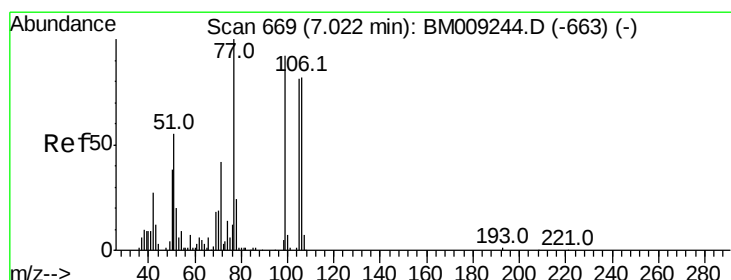
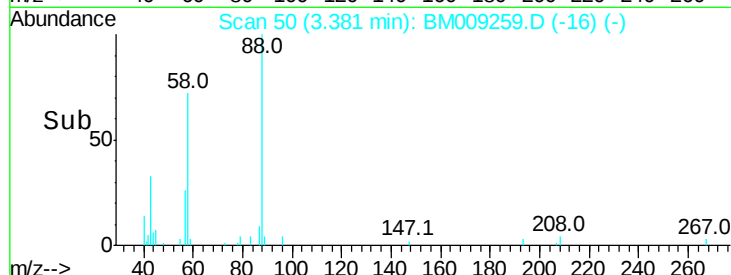
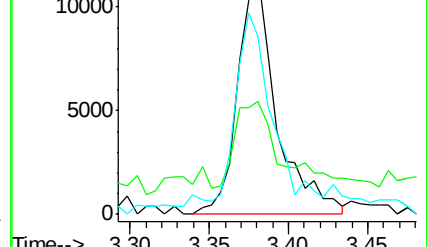


Abundance Ion 88.00 (87.70 to 88.70): BM009244.D (-44) (-)

Ion 43.00 (42.70 to 43.70): BM009244.D (-44) (-)

Ion 58.00 (57.70 to 58.70): BM009244.D (-44) (-)

Time-->



#4

Benzaldehyde

Concen: 22.06 ng/uL

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

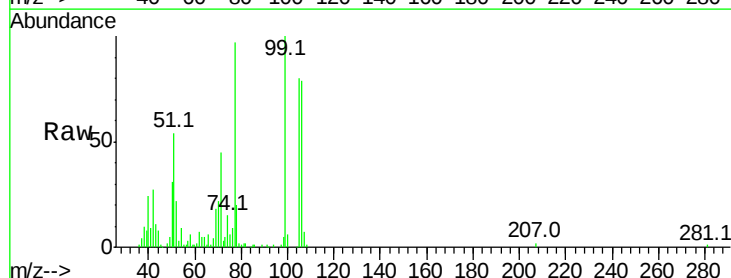
Tgt Ion: 77 Resp: 130364

Ion Ratio Lower Upper

77 100

105 82.5 80.6 120.8

106 80.8 77.7 116.5

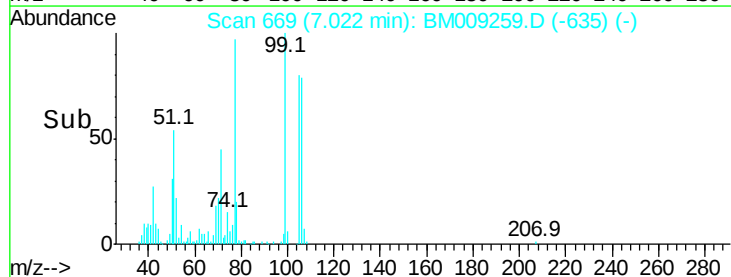
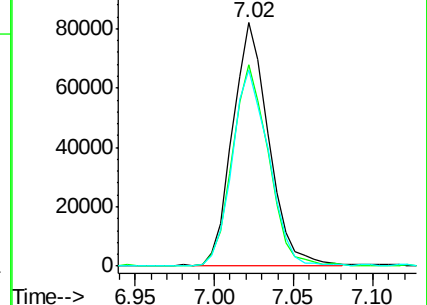


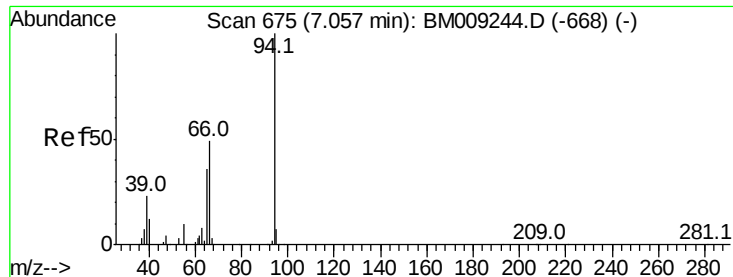
Abundance Ion 77.00 (76.70 to 77.70): BM009244.D (-663) (-)

Ion 105.00 (104.70 to 105.70): BM009244.D (-663) (-)

Ion 106.00 (105.70 to 106.70): BM009244.D (-663) (-)

Time-->





#6

Phenol

Concen: 19.39 ng/ul

RT: 7.06 min Scan# 675

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

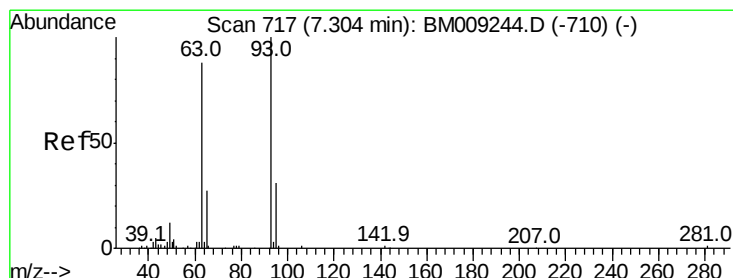
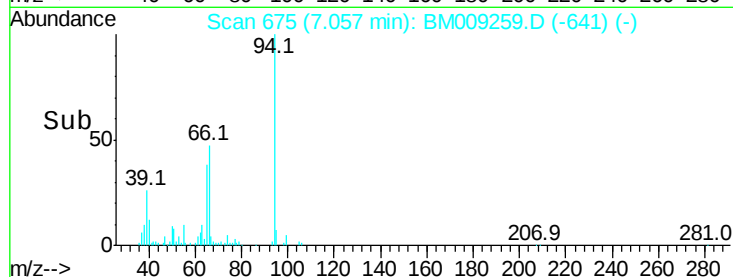
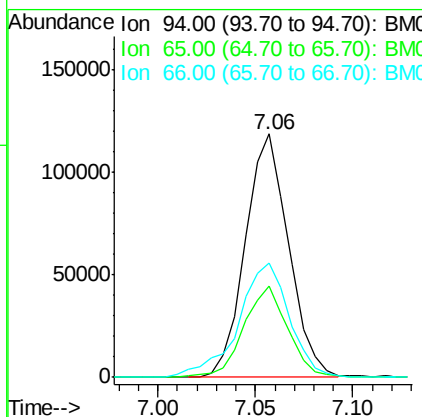
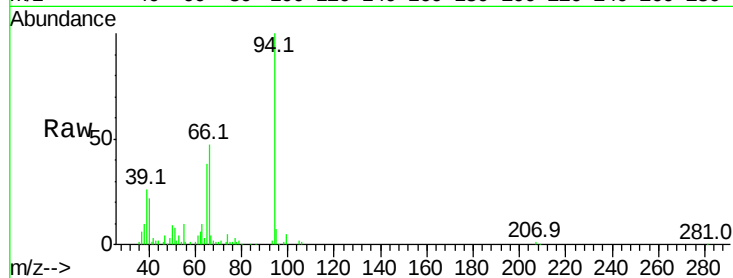
Tot Ion: 94 Resp: 182595

Ion Ratio Lower Upper

94 100

65 37.6 21.0 31.6#

66 46.8 29.3 43.9#



#8

Bis(2-Chloroethyl)ether

Concen: 20.59 ng/ul

RT: 7.30 min Scan# 716

Delta R.T. -0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

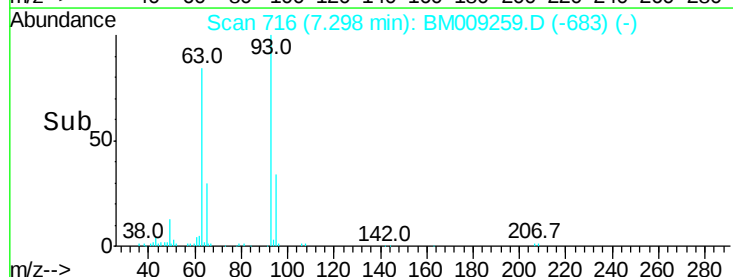
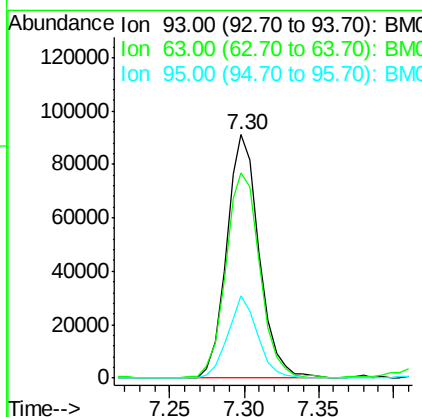
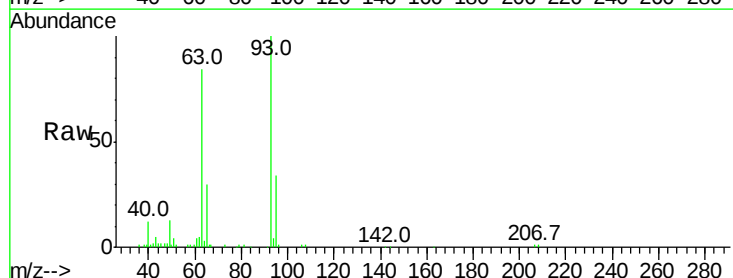
Tgt Ion: 93 Resp: 138912

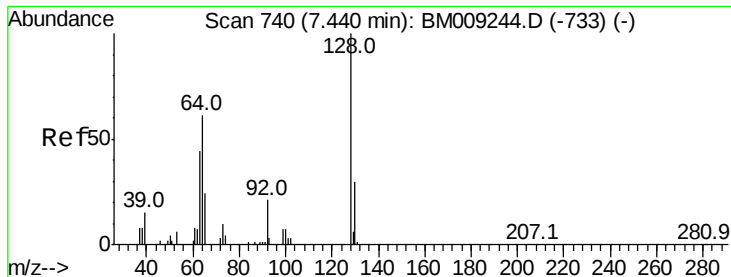
Ion Ratio Lower Upper

93 100

63 84.5 53.5 80.3#

95 33.6 26.2 39.2

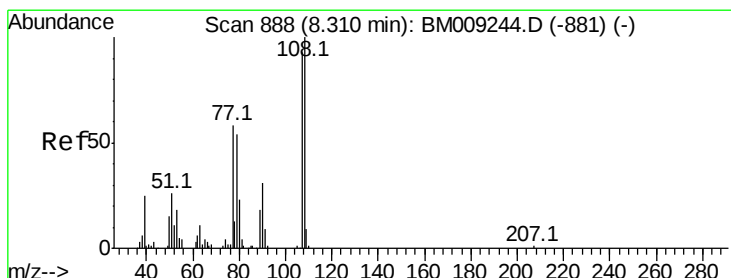
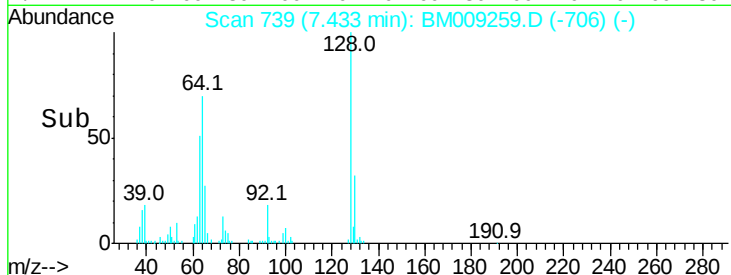
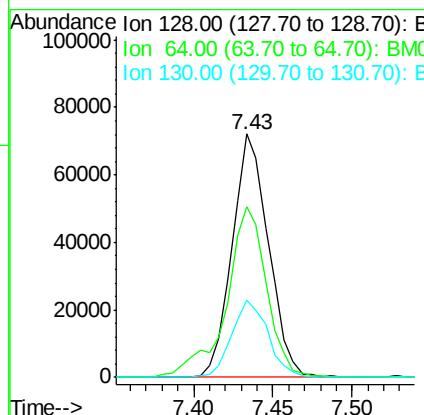
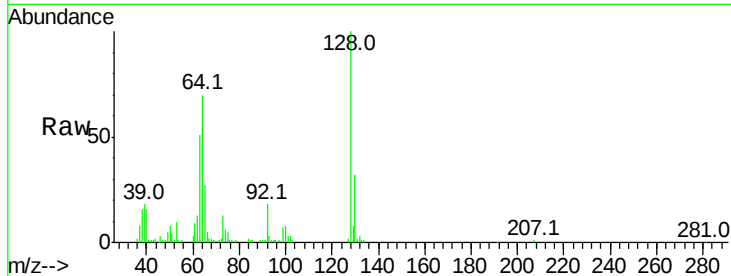




#10  
2-Chlorophenol  
Concen: 20.60 ng/ul  
RT: 7.43 min Scan# 739  
Delta R.T. -0.01 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

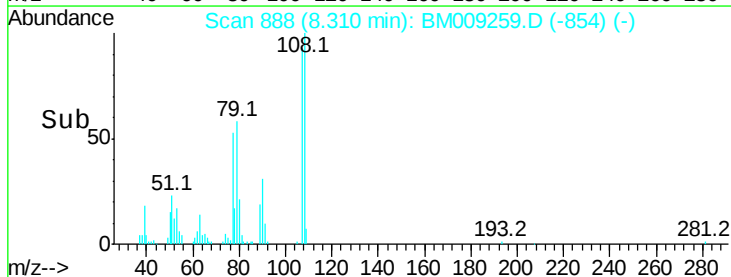
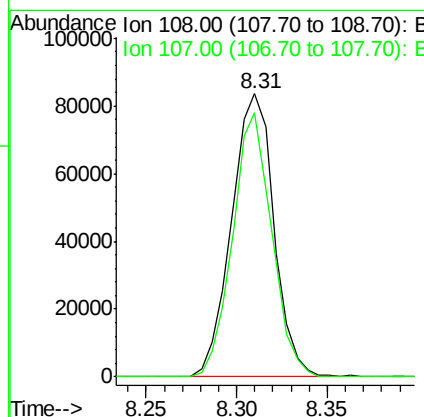
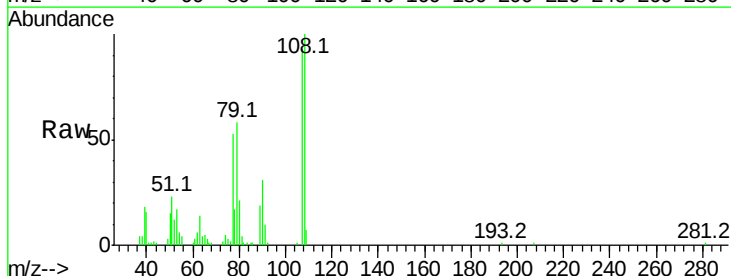
Instrument :  
BNA\_M  
ClientSampled :

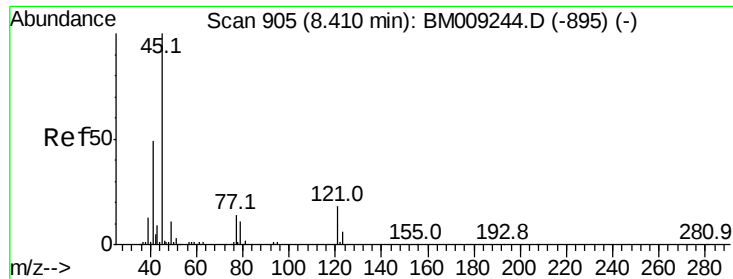
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 64      | 70.1  | 31.9  | 47.9# |
| 130     | 31.6  | 25.6  | 38.4  |



#11  
2-Methylphenol  
Concen: 19.89 ng/ul  
RT: 8.31 min Scan# 888  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 108     | 100   |       |       |
| 107     | 93.2  | 72.4  | 108.6 |

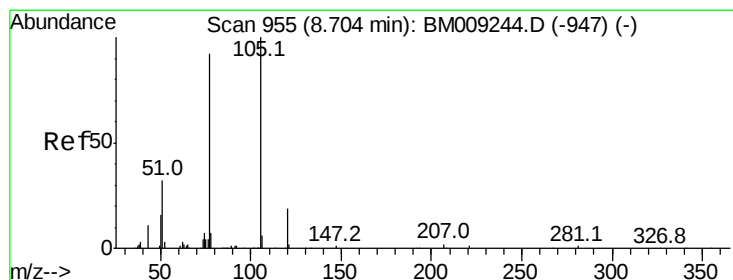
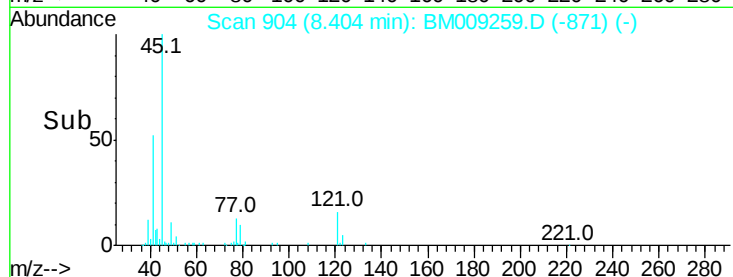
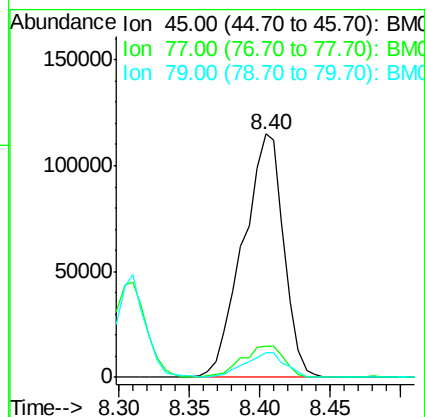
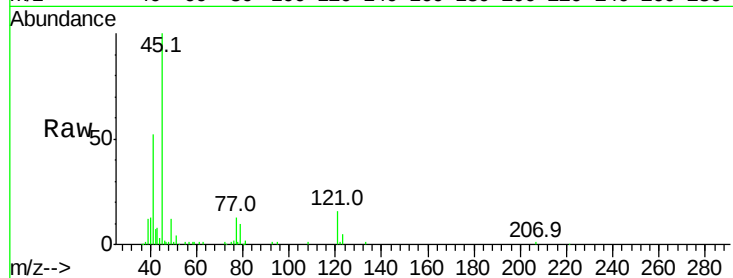




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 20.66 ng/ul  
RT: 8.40 min Scan# 904  
Delta R.T. -0.01 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

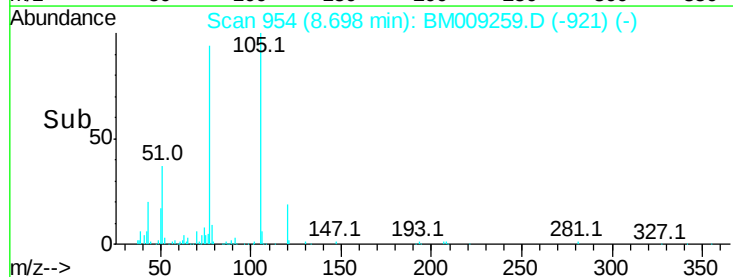
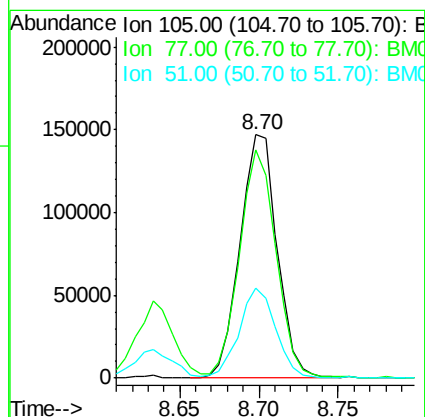
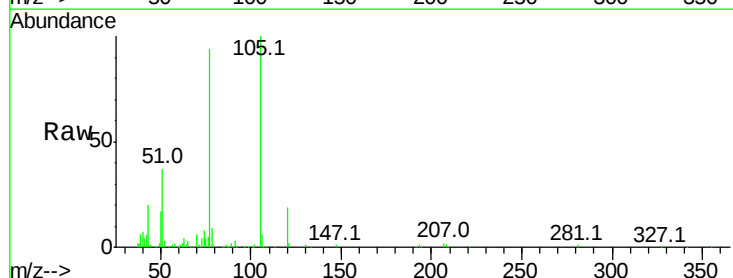
Instrument :  
BNA\_M  
ClientSampled :

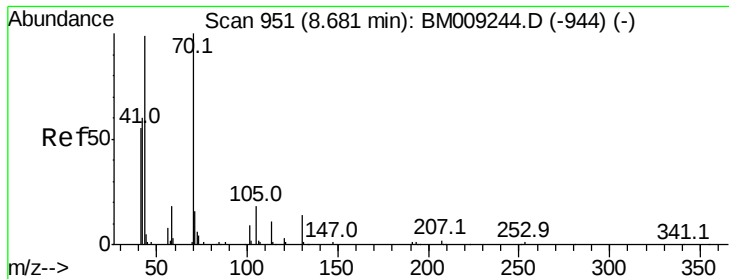
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 77      | 12.8  | 15.9  | 23.9# |
| 79      | 10.0  | 12.5  | 18.7# |



#14  
Acetophenone  
Concen: 20.28 ng/ul  
RT: 8.70 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 77      | 93.7  | 59.0  | 88.4# |
| 51      | 36.8  | 16.4  | 24.6# |





#15

N-Nitroso-di-n-propylamine

Concen: 20.03 ng/ul

RT: 8.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

Tot Ion: 70 Resp: 145134

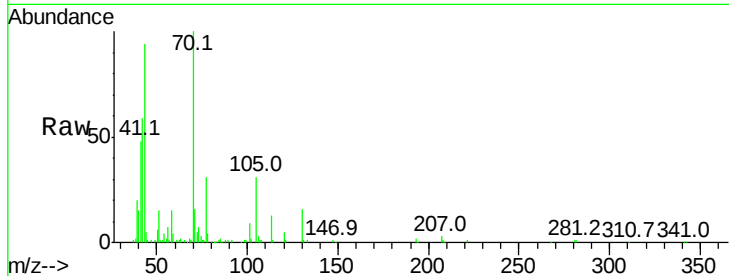
Ion Ratio Lower Upper

70 100

42 59.4 35.4 53.0#

101 8.9 8.4 12.6

130 15.6 18.2 27.4#

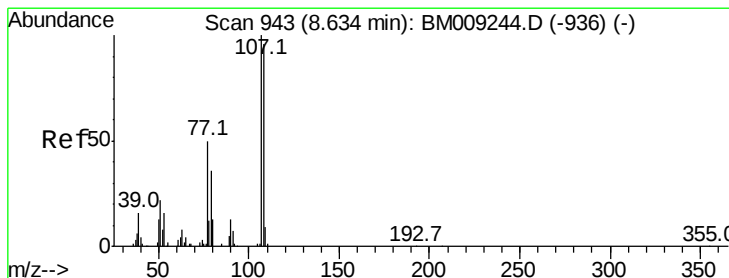
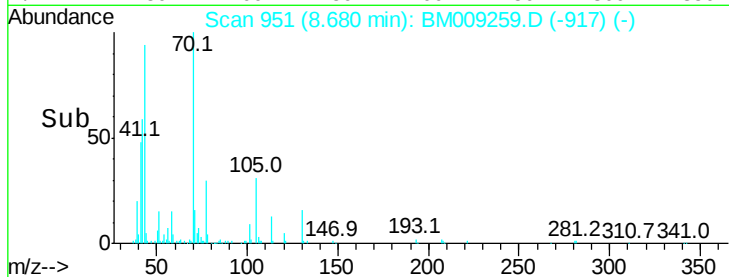
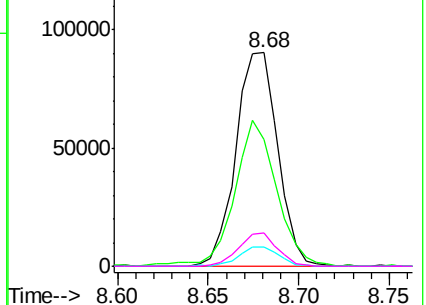


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 19.71 ng/ul

RT: 8.63 min Scan# 943

Delta R.T. -0.00 min

Lab File: BM009259.D

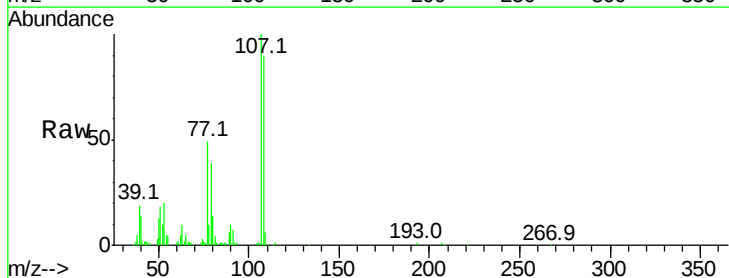
Acq: 15 Mar 2017 10:51

Tgt Ion:108 Resp: 152472

Ion Ratio Lower Upper

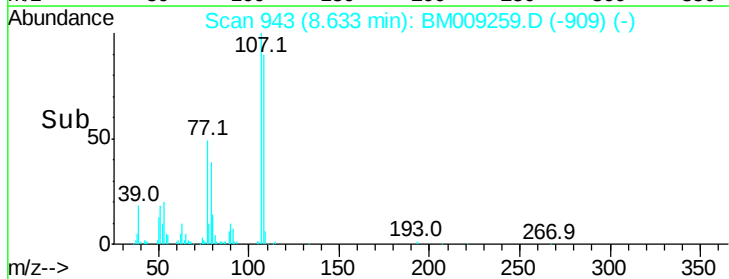
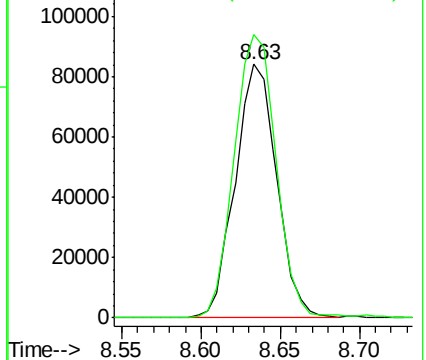
108 100

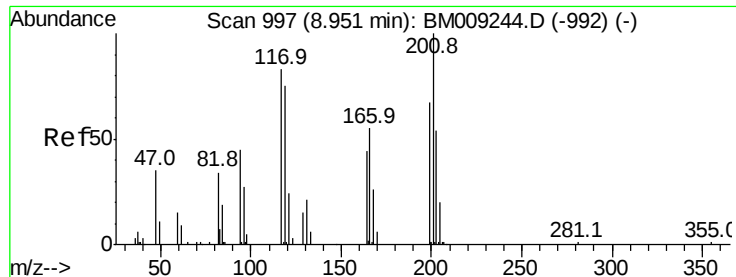
107 111.6 90.3 135.5



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

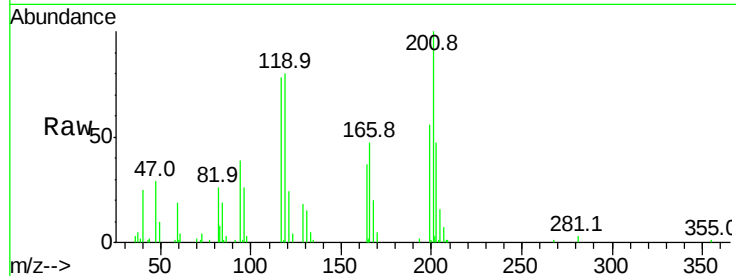




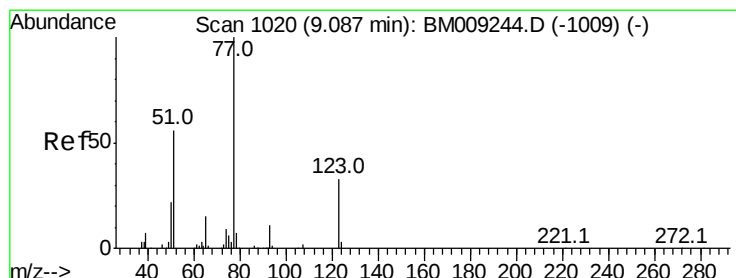
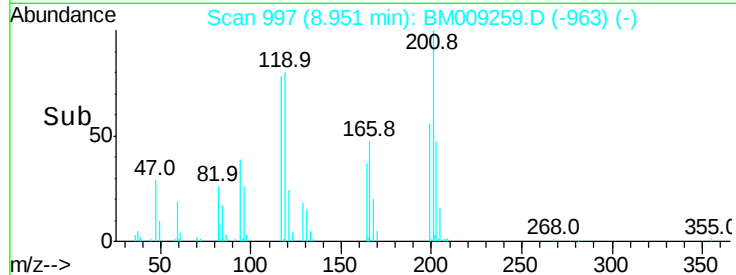
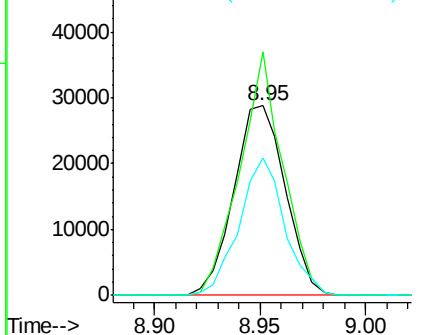
#17  
Hexachloroethane  
Concen: 19.99 ng/ul  
RT: 8.95 min Scan# 997  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:117 Resp: 48646  
Ion Ratio Lower Upper  
117 100  
201 128.6 81.5 122.3#  
199 73.8 50.6 76.0

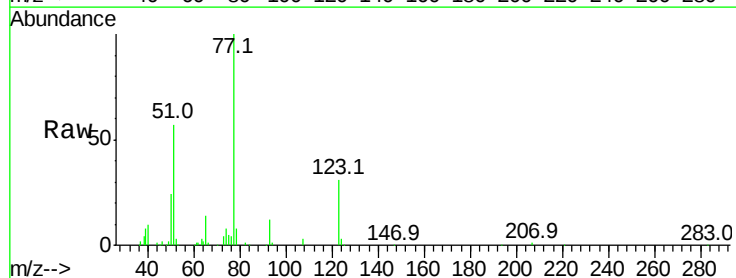


Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

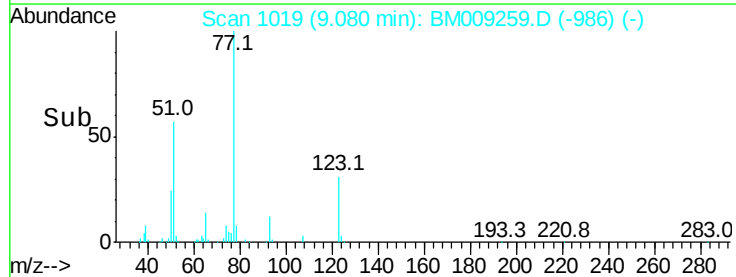
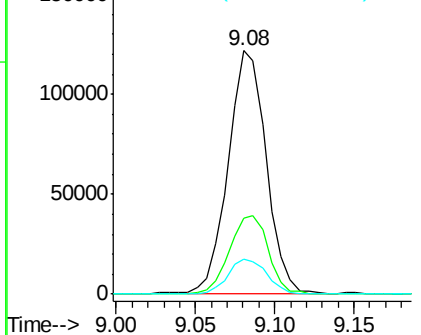


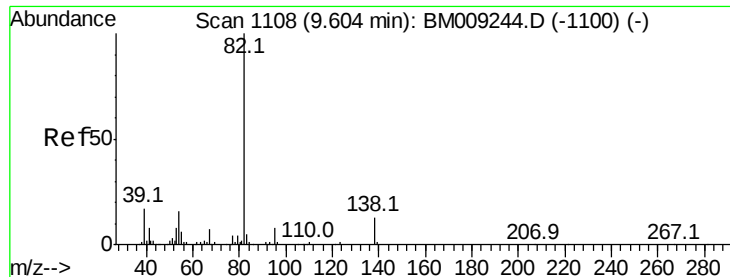
#20  
Nitrobenzene  
Concen: 19.76 ng/ul  
RT: 9.08 min Scan# 1019  
Delta R.T. -0.01 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion: 77 Resp: 201729  
Ion Ratio Lower Upper  
77 100  
123 31.2 39.0 58.4#  
65 14.4 10.4 15.6



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: 19.29 ng/ul

RT: 9.60 min Scan# 1107

Delta R.T. -0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

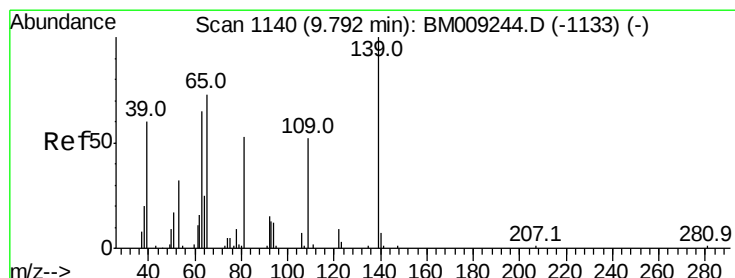
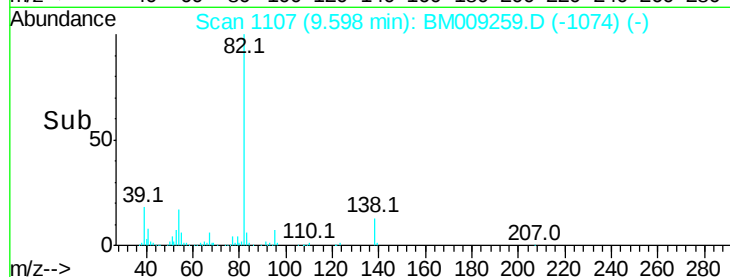
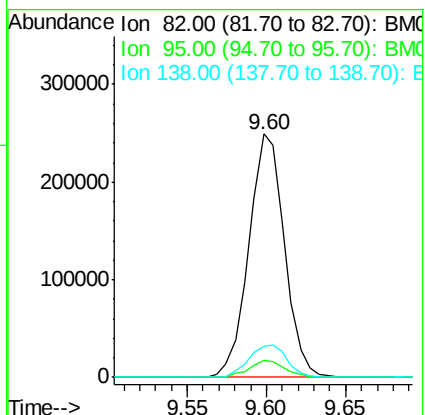
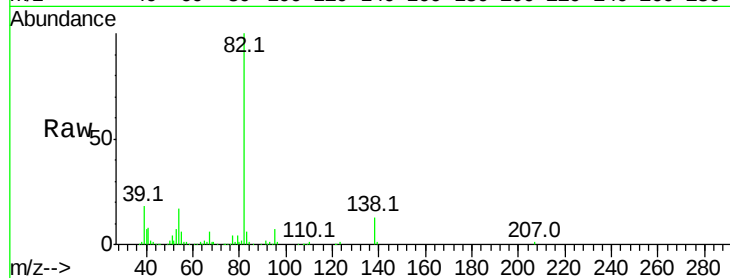
Tot Ion: 82 Resp: 389457

Ion Ratio Lower Upper

82 100

95 6.8 6.4 9.6

138 12.6 14.9 22.3#



#23

2-Nitrophenol

Concen: 19.21 ng/ul

RT: 9.79 min Scan# 1140

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

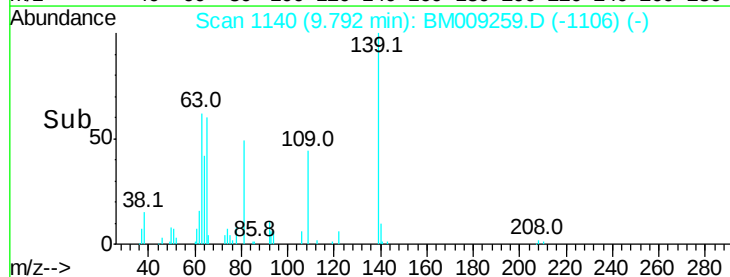
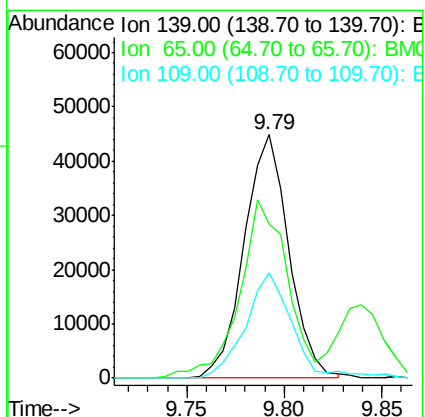
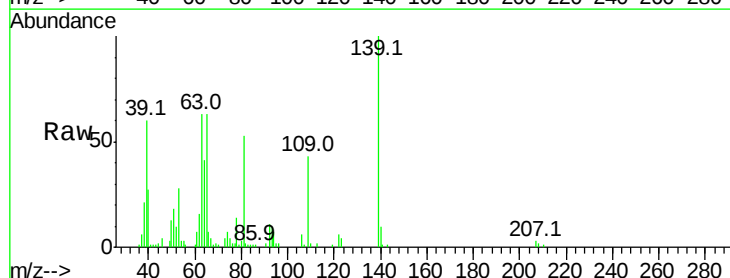
Tgt Ion: 139 Resp: 71046

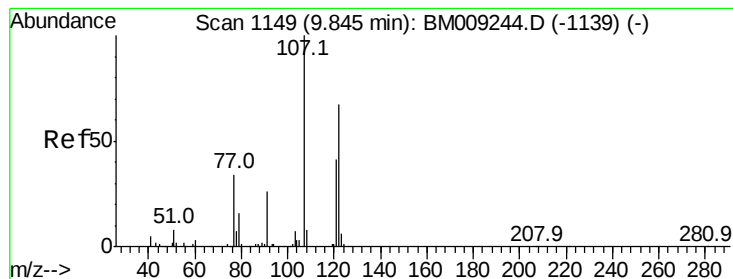
Ion Ratio Lower Upper

139 100

65 63.1 36.3 54.5#

109 43.2 26.4 39.6#





#24

2,4-Dimethylphenol

Concen: 19.70 ng/ul

RT: 9.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

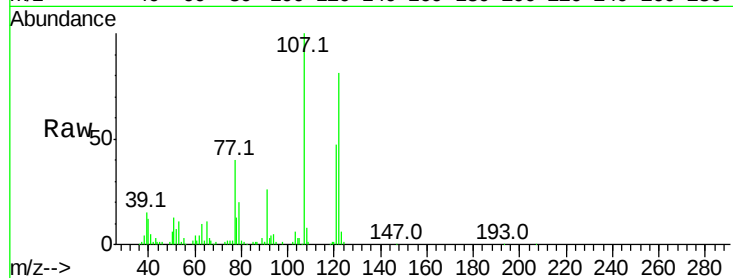
Tot Ion:107 Resp: 186980

Ion Ratio Lower Upper

107 100

121 46.6 40.6 61.0

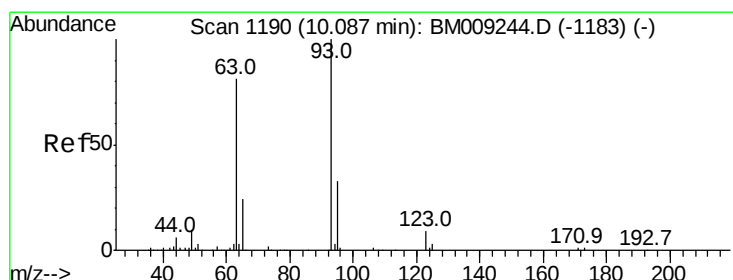
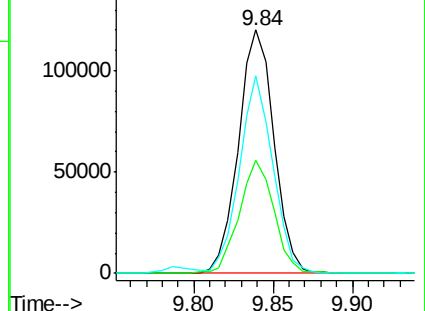
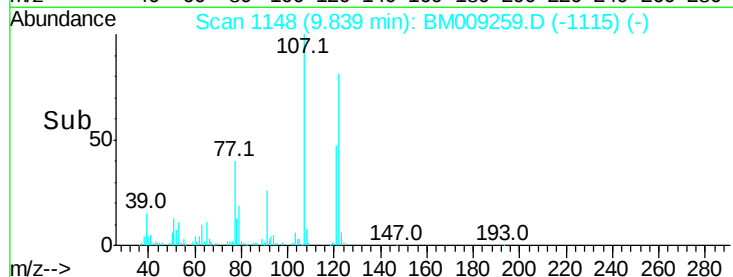
122 81.1 67.8 101.6



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 19.28 ng/ul

RT: 10.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

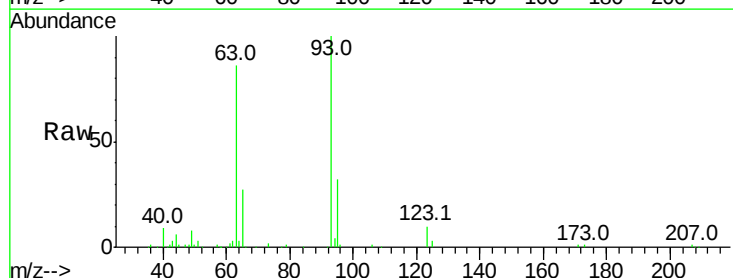
Tgt Ion: 93 Resp: 213466

Ion Ratio Lower Upper

93 100

95 32.1 25.8 38.8

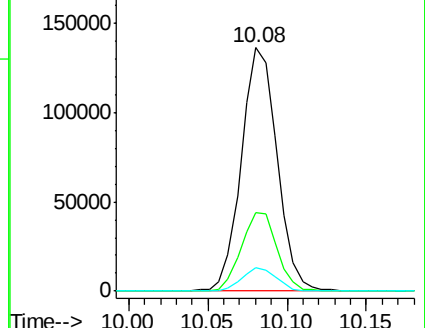
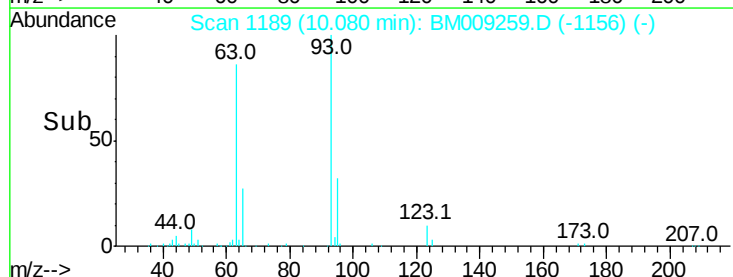
123 9.5 9.8 14.8#

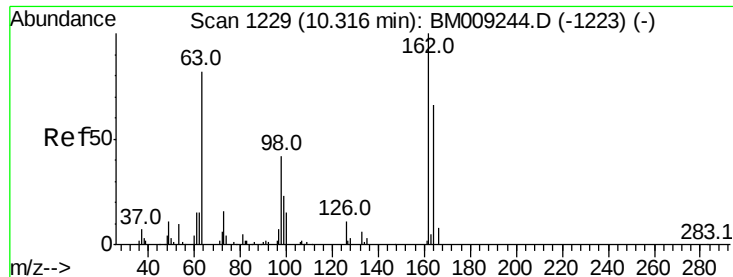


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

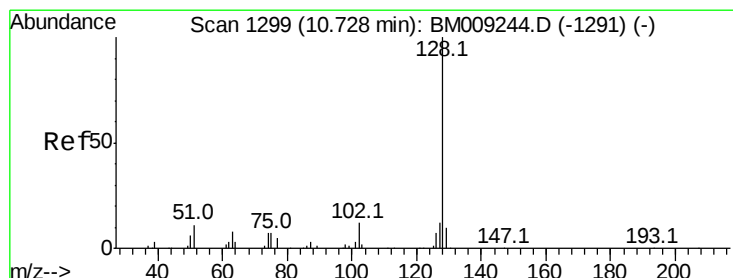
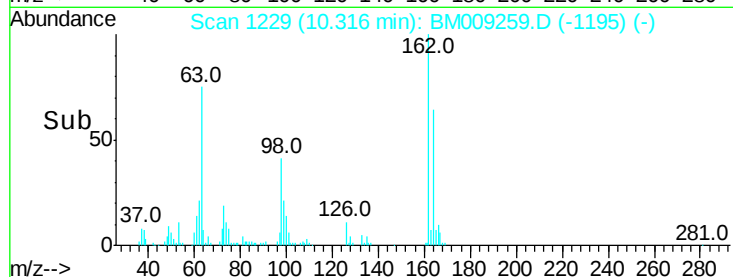
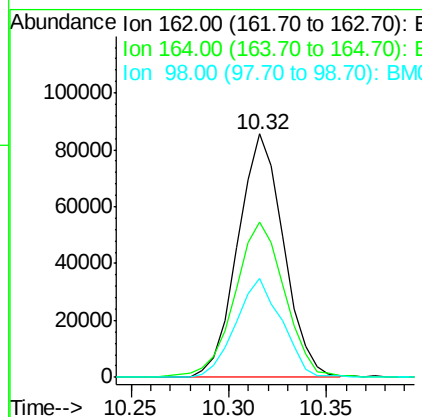
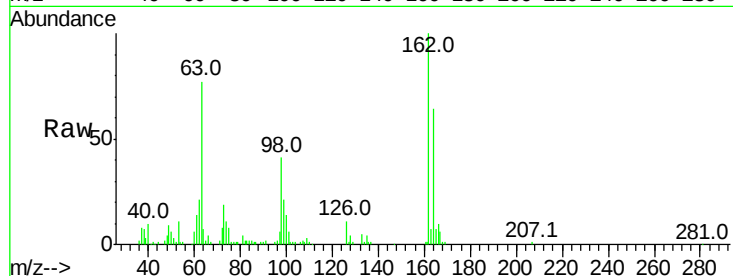




#27  
 2,4-Dichlorophenol  
 Concen: 19.41 ng/ul  
 RT: 10.32 min Scan# 1229  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

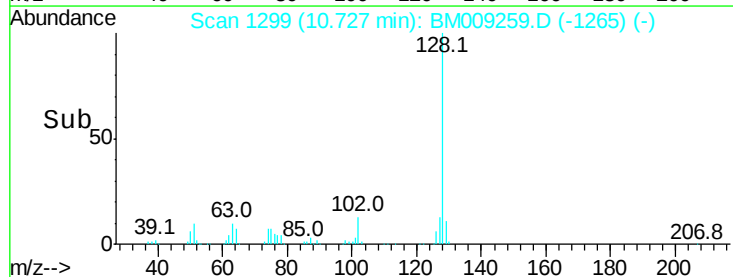
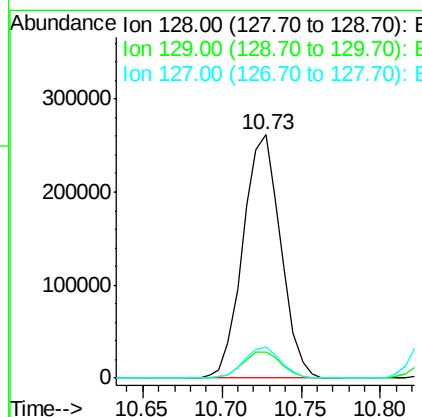
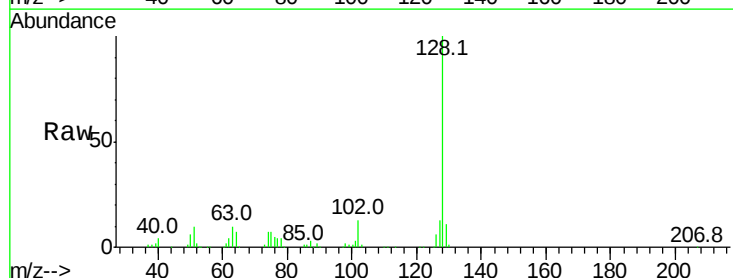
Instrument :  
 BNA\_M  
 ClientSampled :

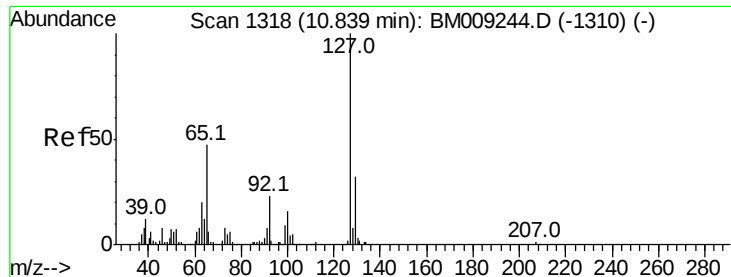
Tot Ion:162 Resp: 139416  
 Ion Ratio Lower Upper  
 162 100  
 164 63.9 52.1 78.1  
 98 40.6 28.4 42.6



#28  
 Naphthalene  
 Concen: 19.61 ng/ul  
 RT: 10.73 min Scan# 1299  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:128 Resp: 431091  
 Ion Ratio Lower Upper  
 128 100  
 129 10.7 8.8 13.2  
 127 12.8 10.5 15.7

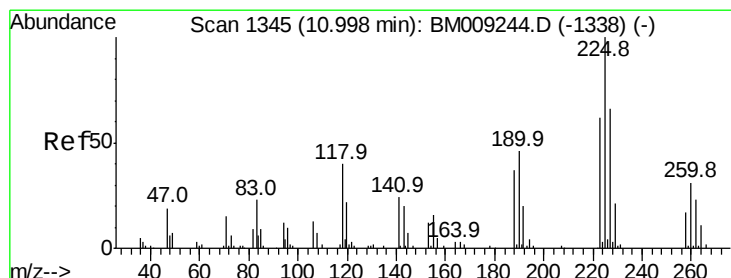
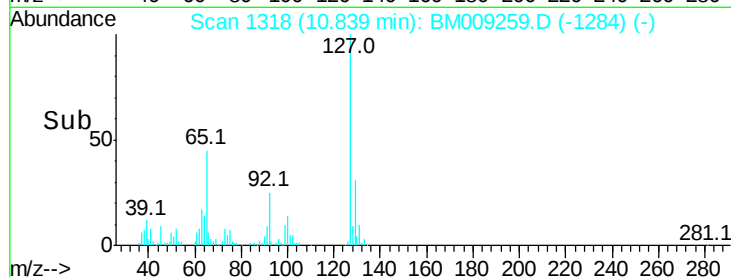
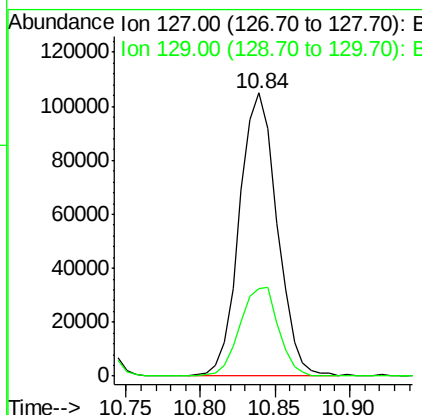
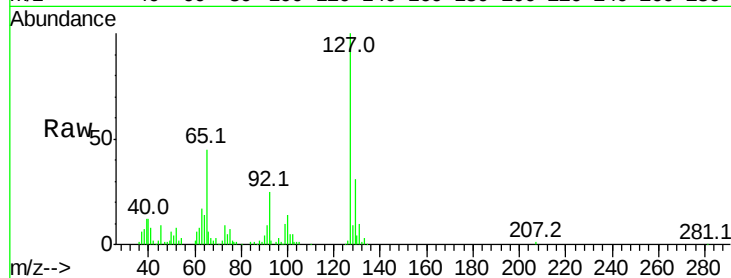




#30  
4-Chloroaniline  
Concen: 20.07 ng/ul  
RT: 10.84 min Scan# 1318  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

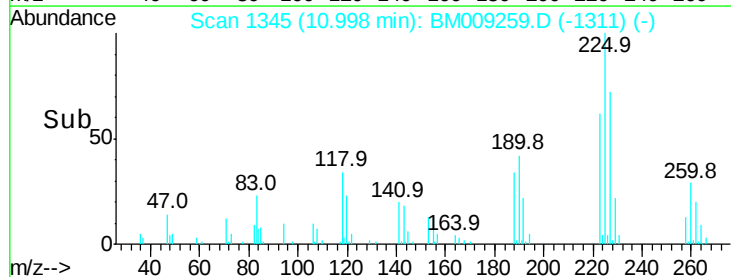
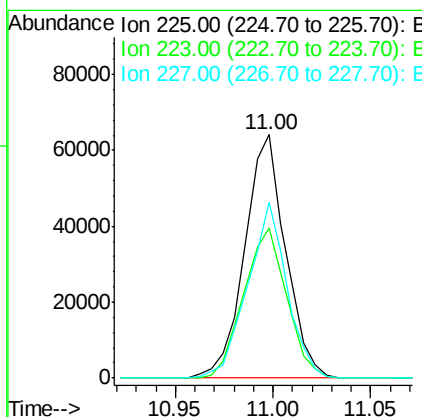
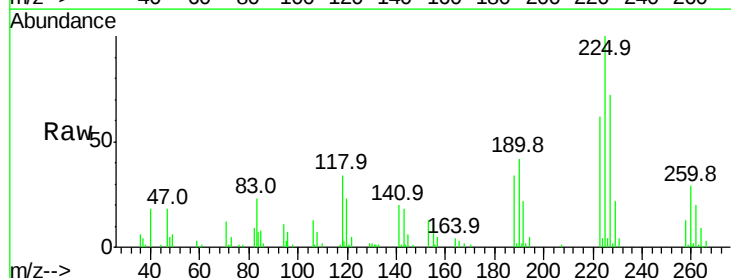
Instrument :  
BNA\_M  
ClientSampleId :

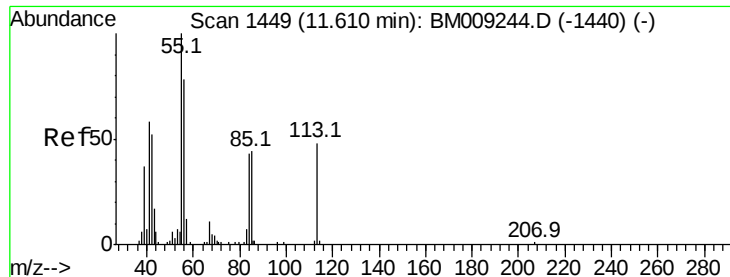
Tot Ion:127 Resp: 184120  
Ion Ratio Lower Upper  
127 100  
129 30.9 25.4 38.2



#31  
Hexachlorobutadiene  
Concen: 18.77 ng/ul  
RT: 11.00 min Scan# 1345  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion:225 Resp: 92953  
Ion Ratio Lower Upper  
225 100  
223 61.9 51.4 77.2  
227 72.2 50.7 76.1





#32

Caprolactam

Concen: 19.42 ng/ul

RT: 11.61 min Scan# 1449

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

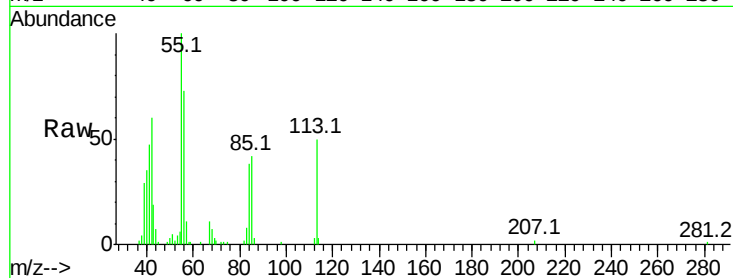
Tot Ion:113 Resp: 58277

Ion Ratio Lower Upper

113 100

55 200.2 101.9 152.9#

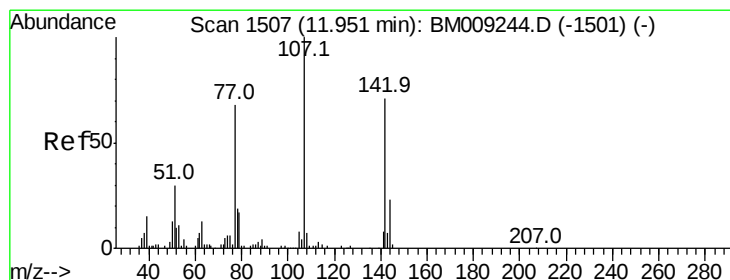
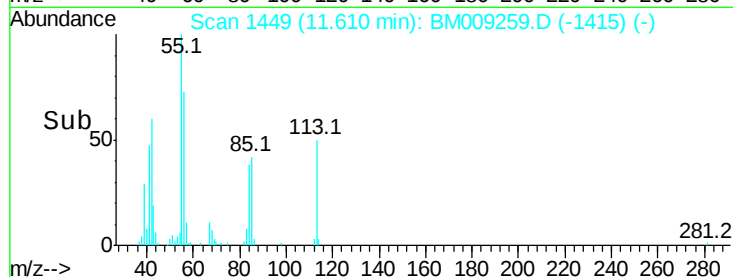
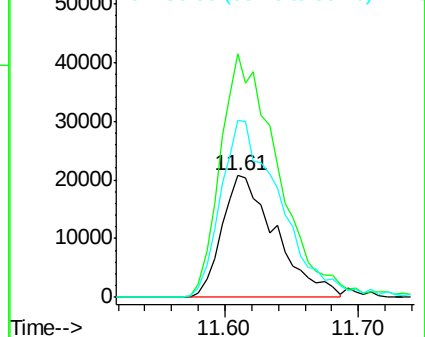
56 145.8 81.2 121.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 19.64 ng/ul

RT: 11.95 min Scan# 1507

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

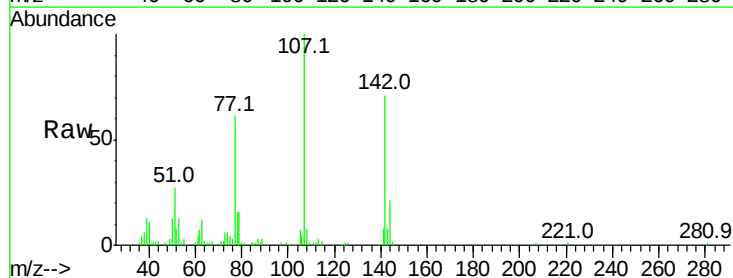
Tgt Ion:107 Resp: 185152

Ion Ratio Lower Upper

107 100

144 21.2 20.4 30.6

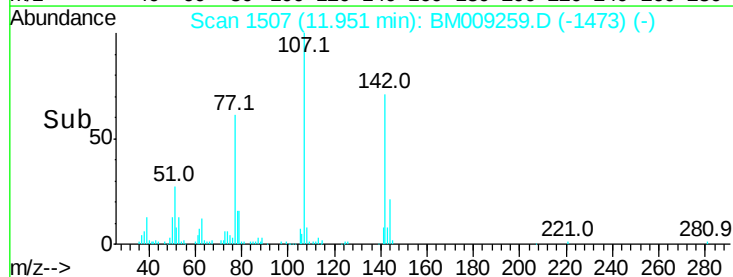
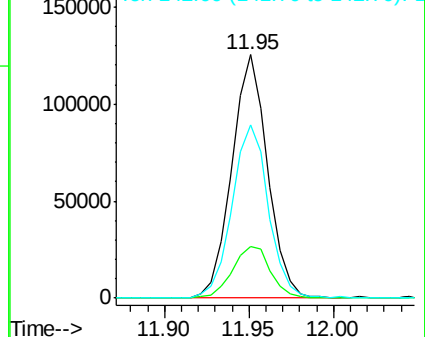
142 71.0 62.5 93.7

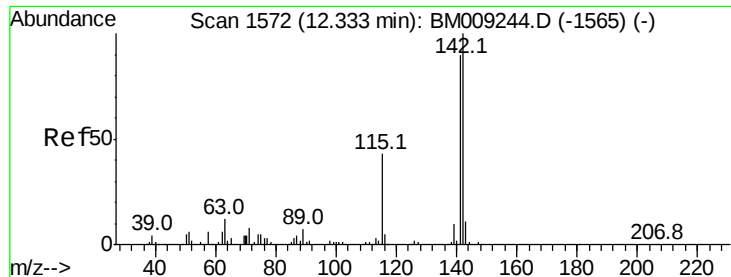


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

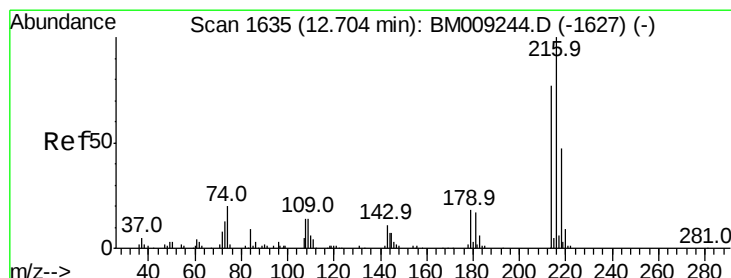
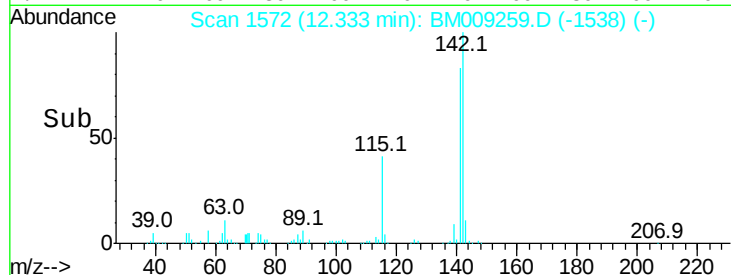
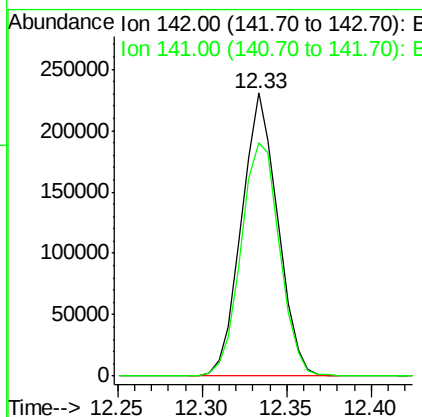
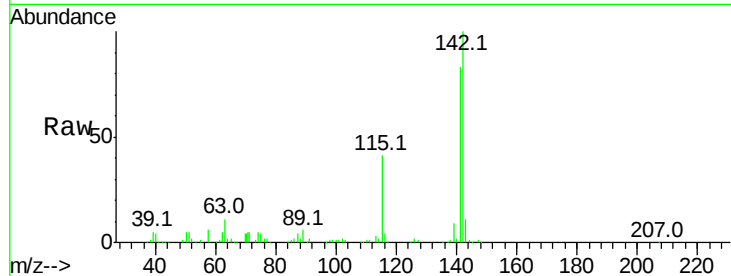




#34  
 2-Methylnaphthalene  
 Concen: 19.66 ng/ul  
 RT: 12.33 min Scan# 1572  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

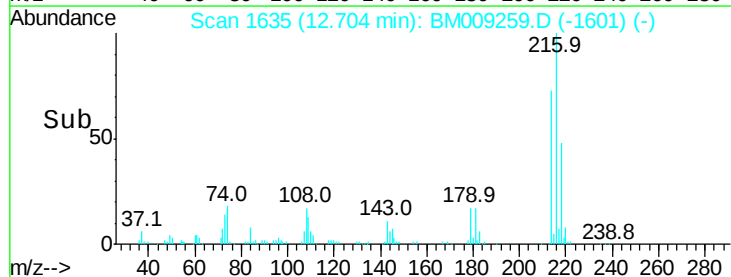
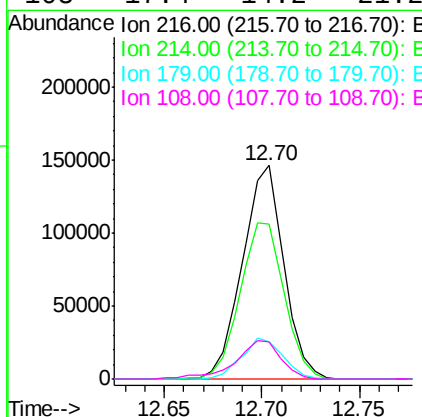
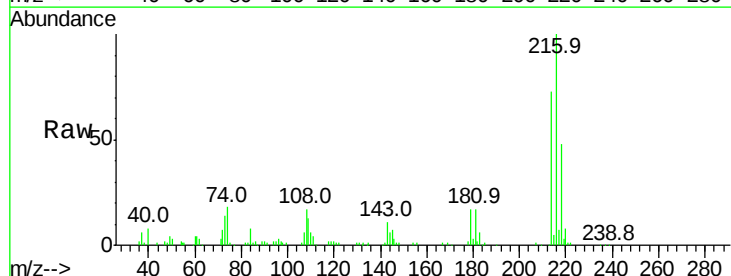
Instrument :  
 BNA\_M  
 ClientSampleId :

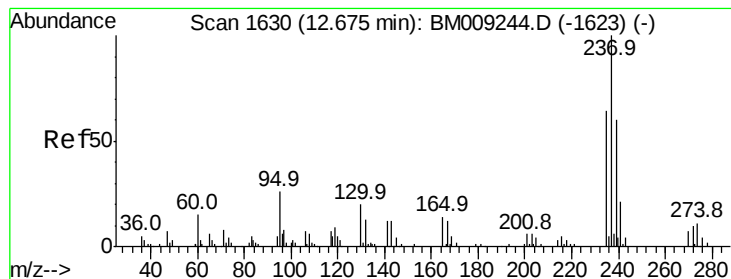
Tot Ion:142 Resp: 344140  
 Ion Ratio Lower Upper  
 142 100  
 141 82.5 71.6 107.4



#36  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 21.35 ng/ul  
 RT: 12.70 min Scan# 1635  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:216 Resp: 214927  
 Ion Ratio Lower Upper  
 216 100  
 214 72.8 62.5 93.7  
 179 17.4 18.2 27.2#  
 108 17.4 14.2 21.2





#37

Hexachlorocyclopentadiene

Concen: 19.34 ng/ul

RT: 12.67 min Scan# 1630

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

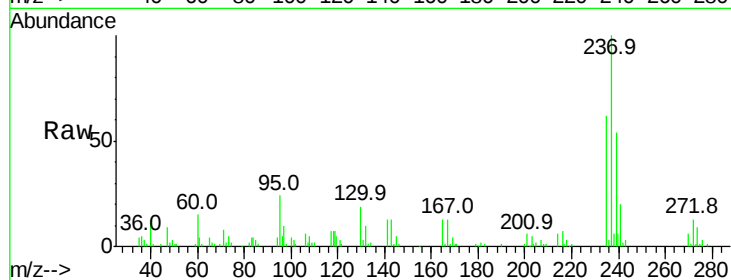
Tot Ion:237 Resp: 110044

Ion Ratio Lower Upper

237 100

235 61.5 50.4 75.6

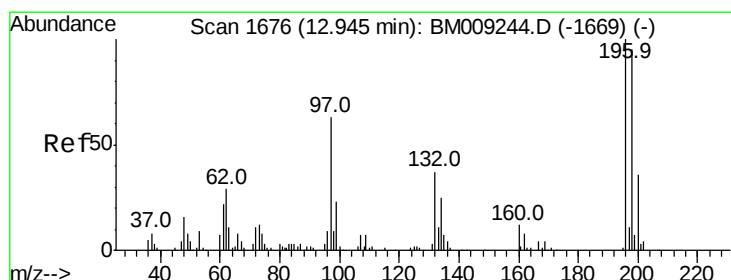
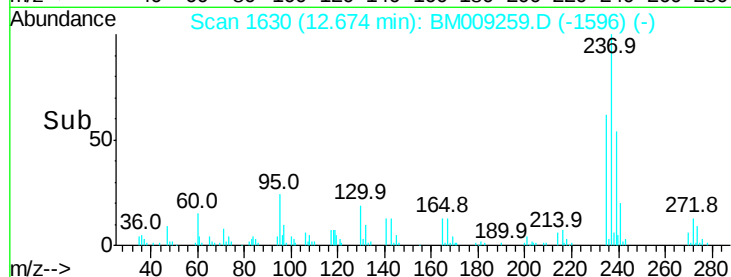
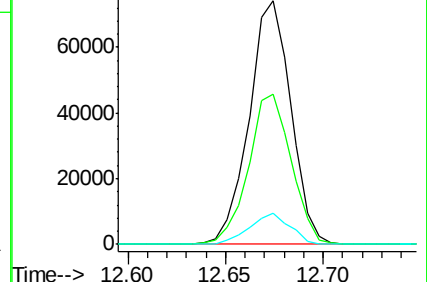
272 12.9 9.6 14.4



Abundance Ion 237.00 (236.70 to 237.70): E

Ion 235.00 (234.70 to 235.70): E

Ion 272.00 (271.70 to 272.70): E



#38

2,4,6-Trichlorophenol

Concen: 21.20 ng/ul

RT: 12.94 min Scan# 1676

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

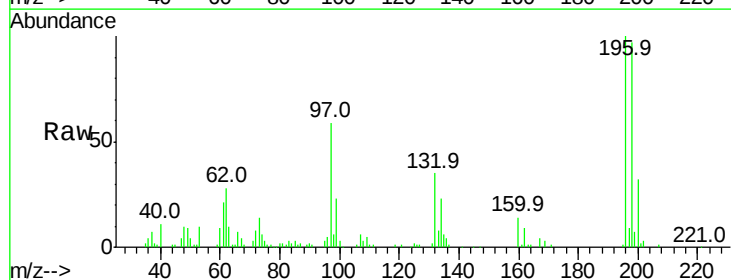
Tgt Ion:196 Resp: 135311

Ion Ratio Lower Upper

196 100

198 96.9 76.6 114.8

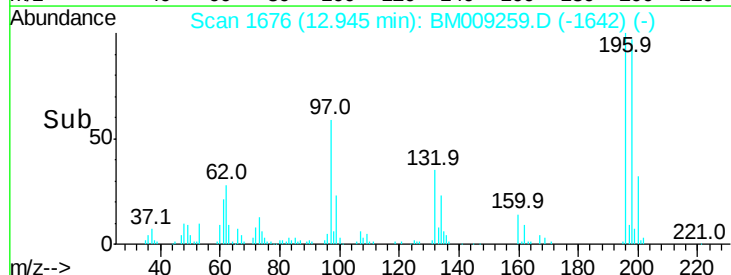
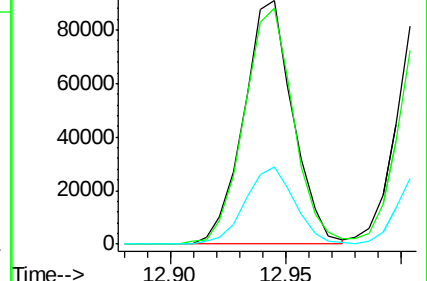
200 31.8 24.7 37.1

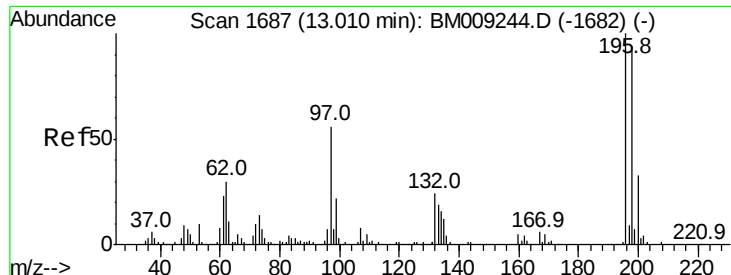


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

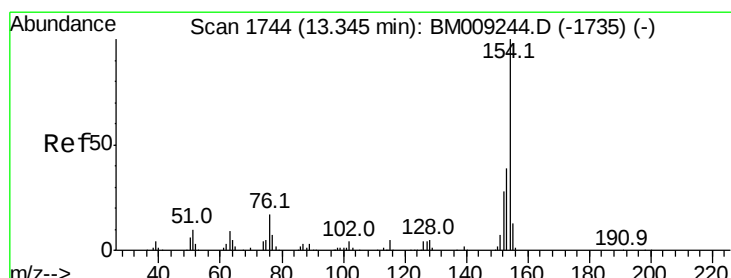
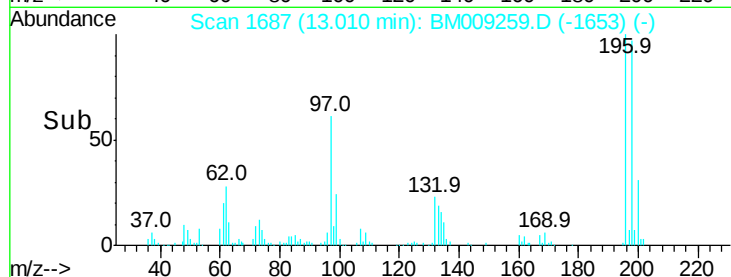
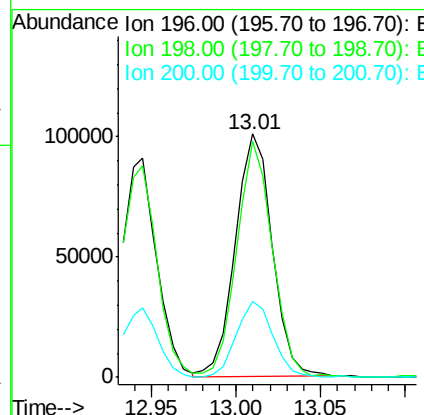
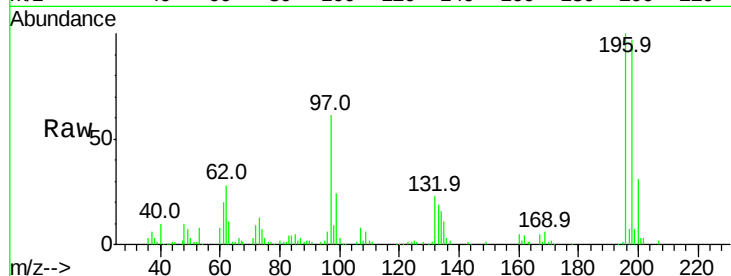




#39  
 2,4,5-Trichlorophenol  
 Concen: 21.07 ng/ul  
 RT: 13.01 min Scan# 1687  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

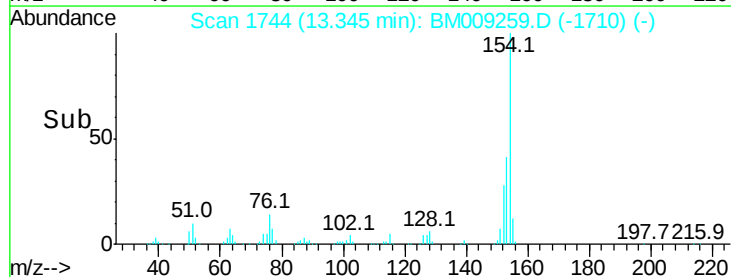
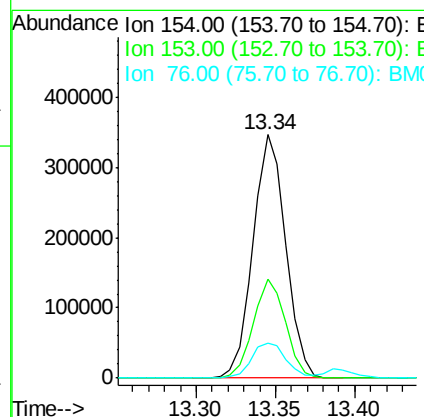
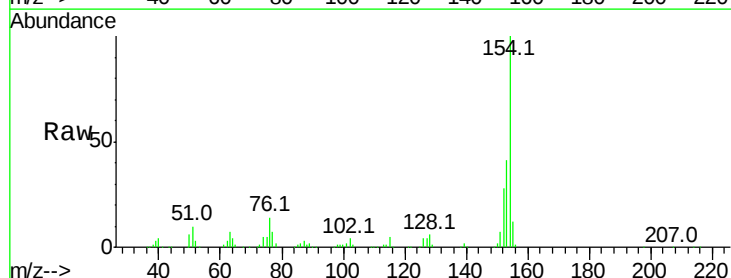
Instrument :  
 BNA\_M  
 ClientSampled :

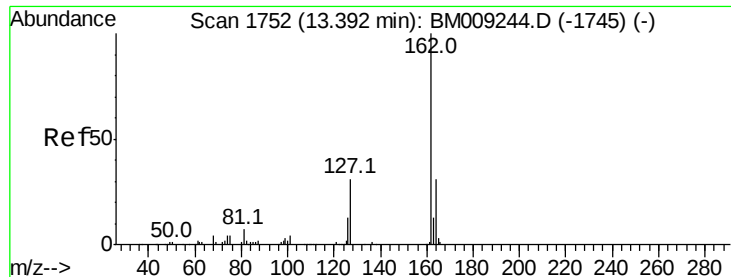
Tot Ion:196 Resp: 154071  
 Ion Ratio Lower Upper  
 196 100  
 198 96.7 76.9 115.3  
 200 31.1 25.0 37.4



#40  
 1,1'-Biphenyl  
 Concen: 21.26 ng/ul  
 RT: 13.34 min Scan# 1744  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:154 Resp: 498416  
 Ion Ratio Lower Upper  
 154 100  
 153 40.9 32.1 48.1  
 76 14.2 9.5 14.3

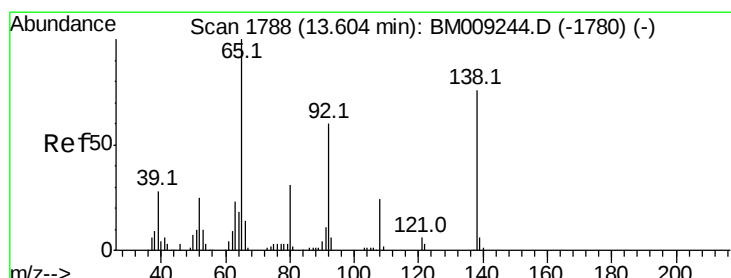
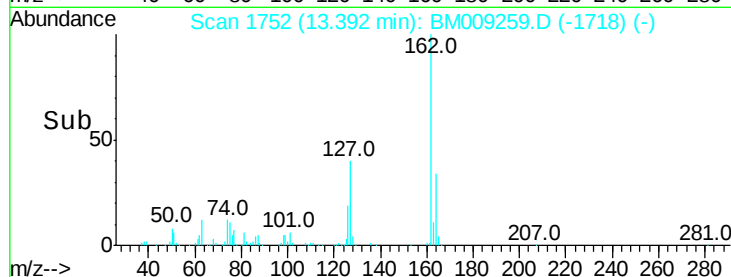
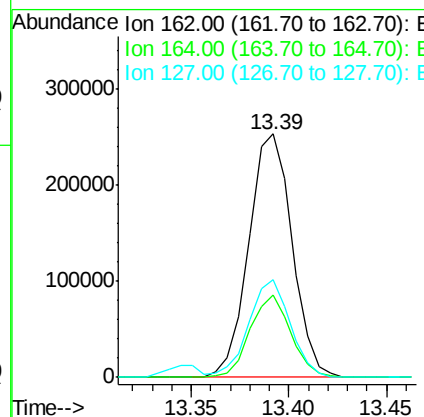
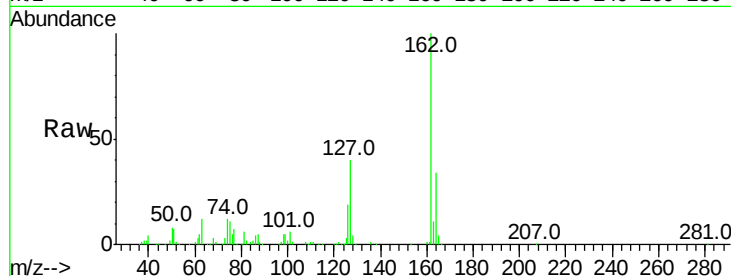




#41  
 2-Chloronaphthalene  
 Concen: 21.46 ng/ul  
 RT: 13.39 min Scan# 1752  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

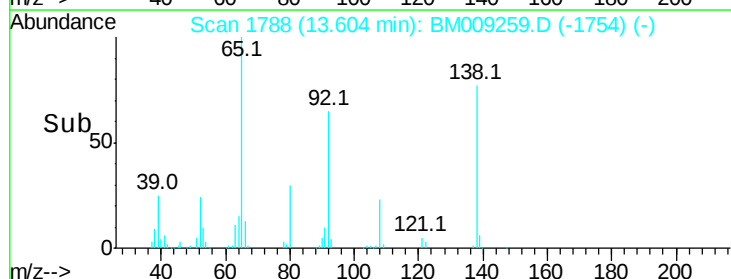
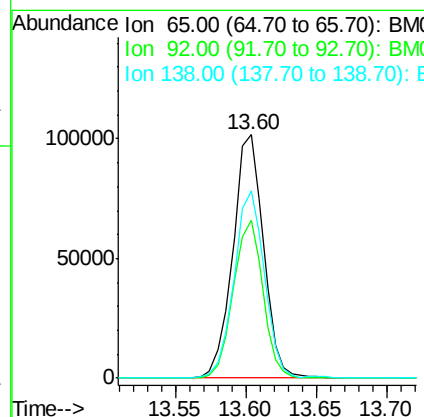
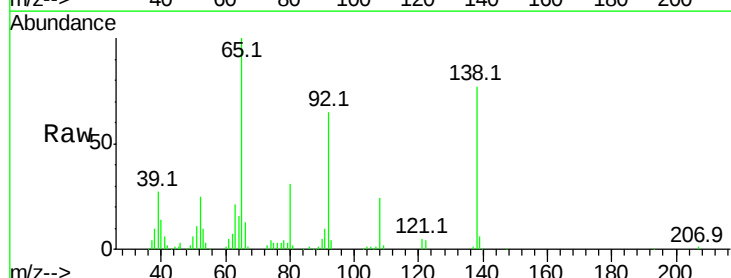
Instrument :  
 BNA\_M  
 ClientSampleId :

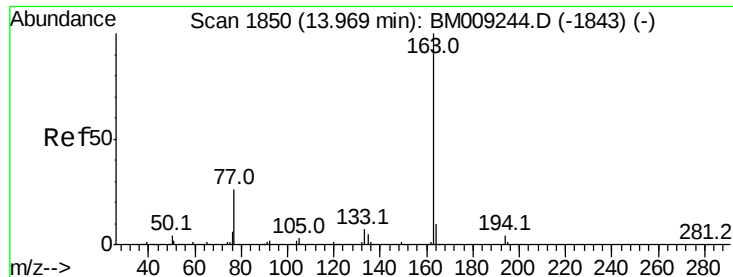
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 33.7  | 25.9  | 38.9  |
| 127     | 40.2  | 34.1  | 51.1  |



#42  
 2-Nitroaniline  
 Concen: 20.68 ng/ul  
 RT: 13.60 min Scan# 1788  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 64.6  | 60.4  | 90.6   |
| 138     | 77.1  | 99.8  | 149.6# |





#44

Dimethylphthalate

Concen: 21.47 ng/ul

RT: 13.97 min Scan# 1850

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

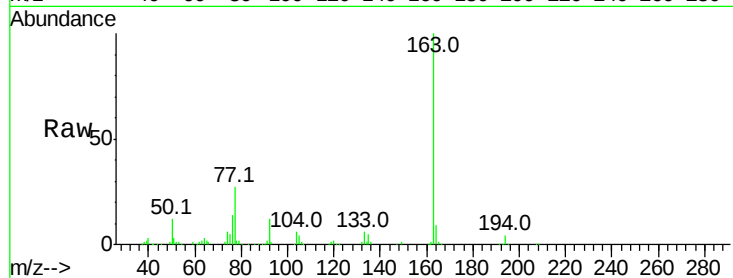
Tot Ion:163 Resp: 547351

Ion Ratio Lower Upper

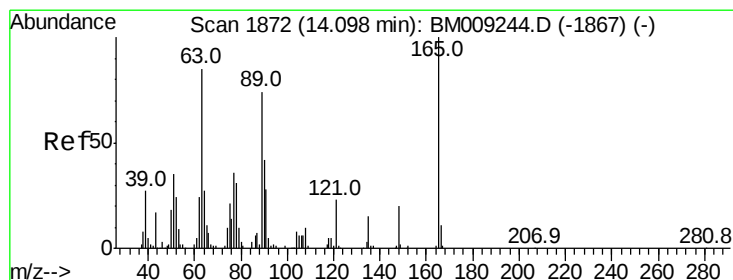
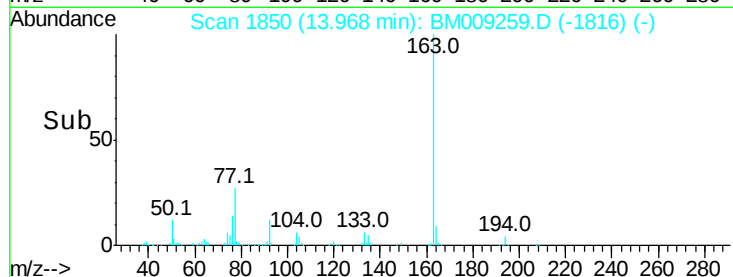
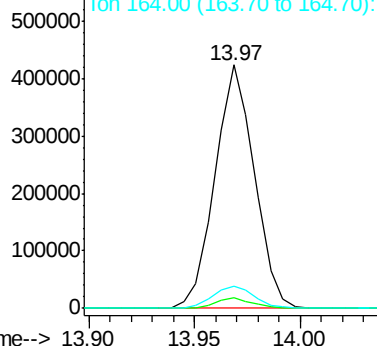
163 100

194 4.4 3.2 4.8

164 9.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E



#45

2,6-Dinitrotoluene

Concen: 20.33 ng/ul

RT: 14.10 min Scan# 1872

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

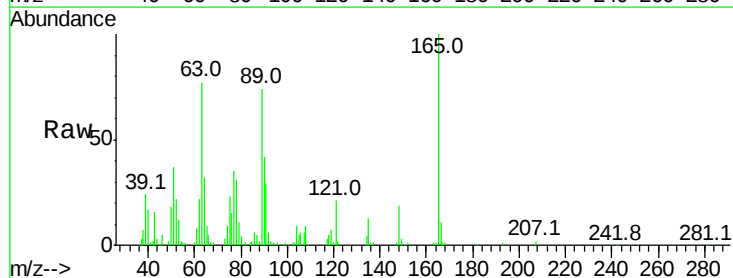
Tgt Ion:165 Resp: 99689

Ion Ratio Lower Upper

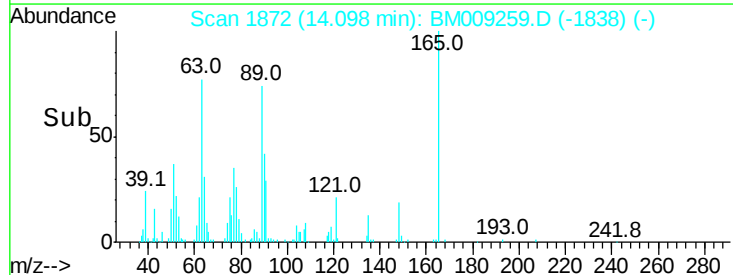
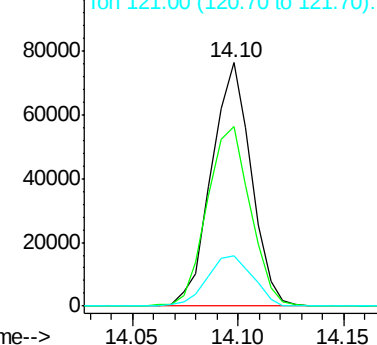
165 100

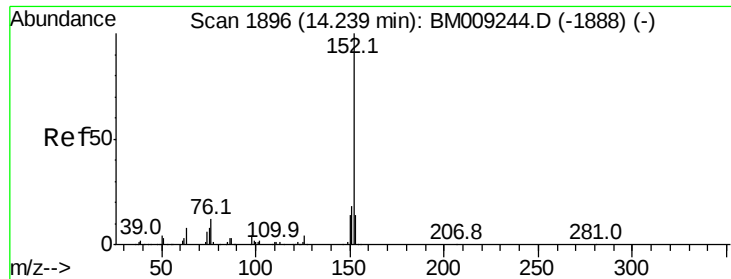
89 73.7 42.4 63.6#

121 20.7 16.6 24.8



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 121.00 (120.70 to 121.70): E

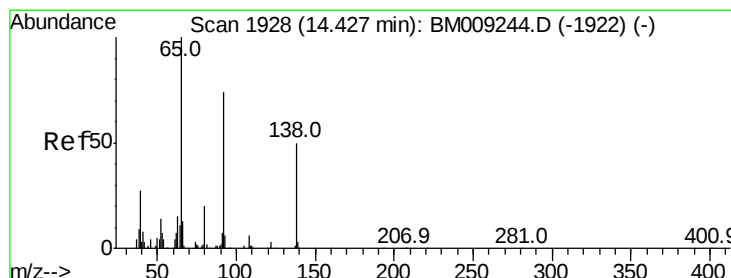
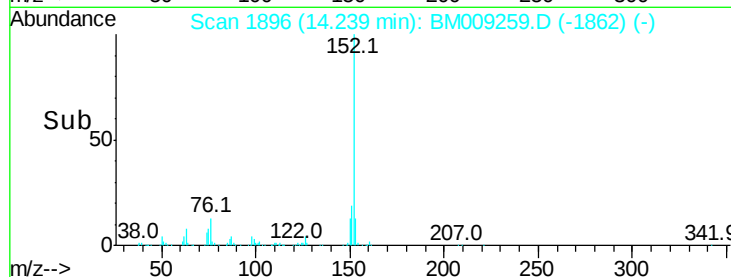
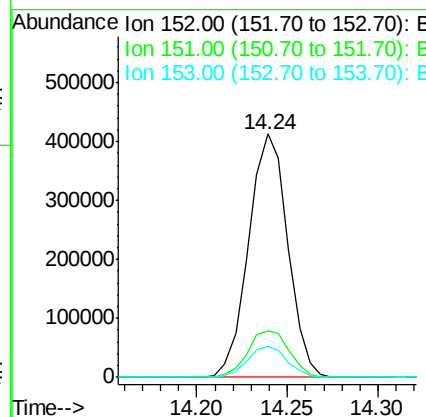
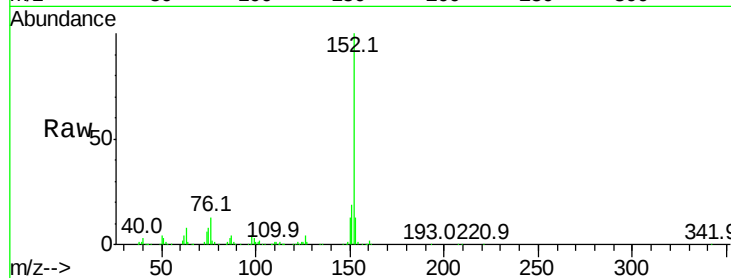




#47  
Acenaphthylene  
Concen: 21.23 ng/ul  
RT: 14.24 min Scan# 1896  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

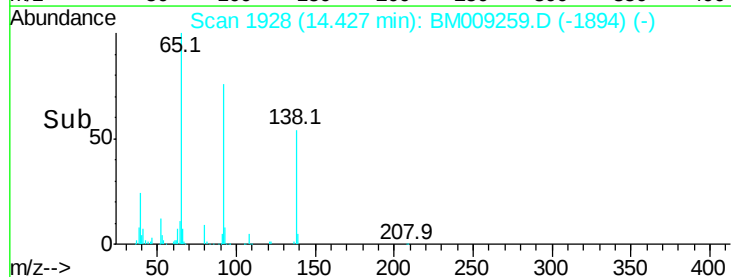
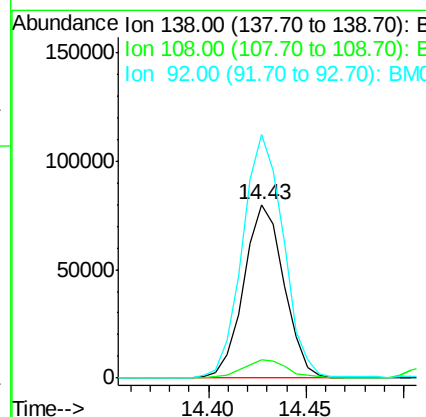
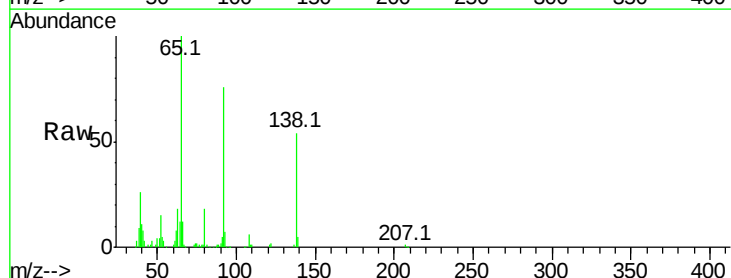
Instrument :  
BNA\_M  
ClientSampled :

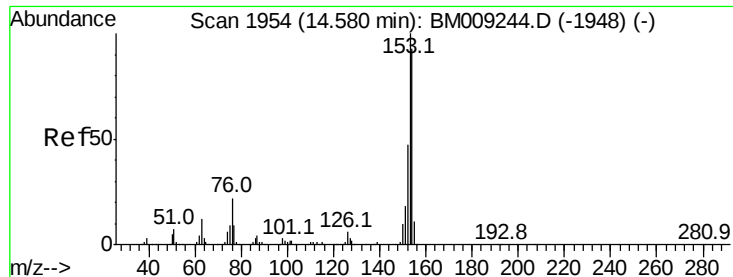
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 19.2  | 15.7  | 23.5  |
| 153     | 12.8  | 10.5  | 15.7  |



#48  
3-Nitroaniline  
Concen: 21.88 ng/ul  
RT: 14.43 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 138     | 100   |       |       |
| 108     | 10.4  | 8.7   | 13.1  |
| 92      | 140.5 | 88.2  | 132.4 |





#49

Acenaphthene

Concen: 21.64 ng/ul

RT: 14.58 min Scan# 1954

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

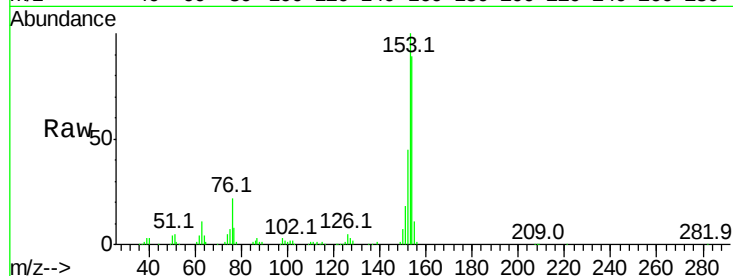
Tot Ion:153 Resp: 445447

Ion Ratio Lower Upper

153 100

152 45.1 38.3 57.5

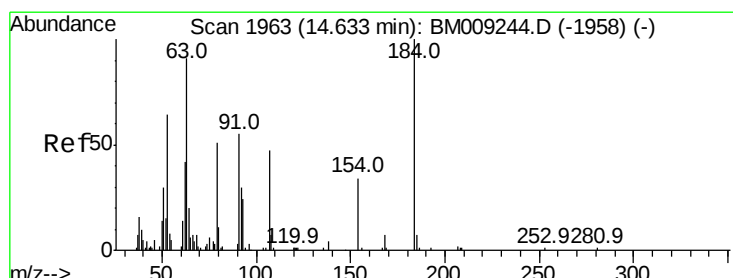
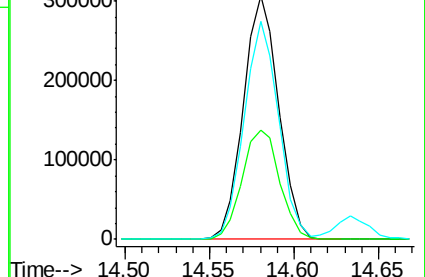
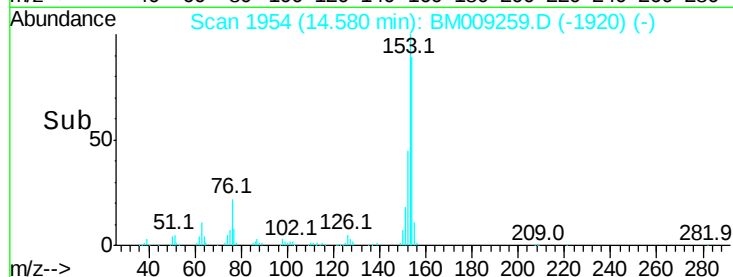
154 89.5 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#50

2,4-Dinitrophenol

Concen: 19.72 ng/ul

RT: 14.63 min Scan# 1963

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

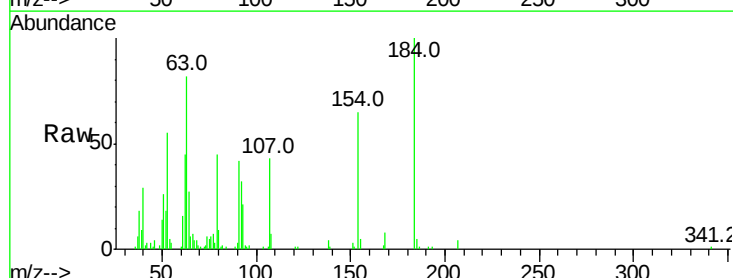
Tgt Ion:184 Resp: 63390

Ion Ratio Lower Upper

184 100

63 82.3 46.5 69.7#

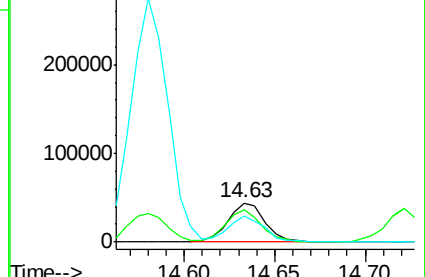
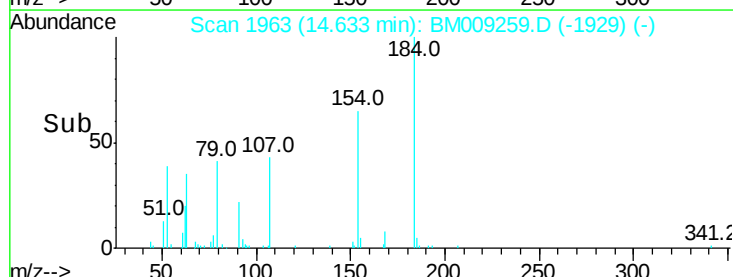
154 65.0 54.6 82.0

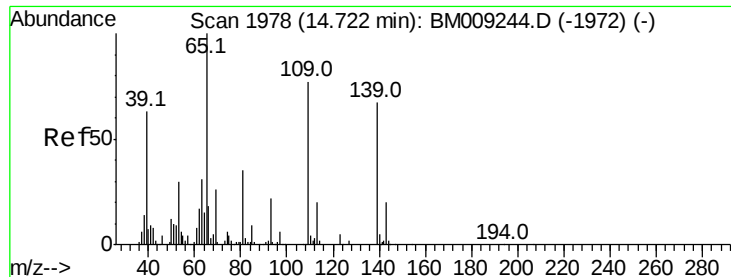


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 20.71 ng/ul

RT: 14.72 min Scan# 1978

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampled :

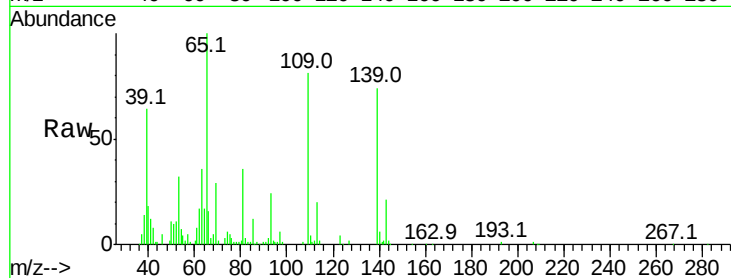
Tot Ion:109 Resp: 122079

Ion Ratio Lower Upper

109 100

139 91.3 103.7 155.5#

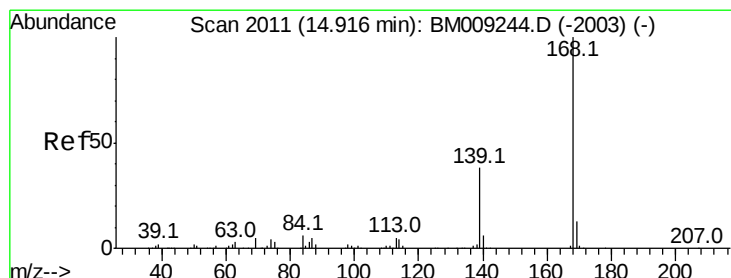
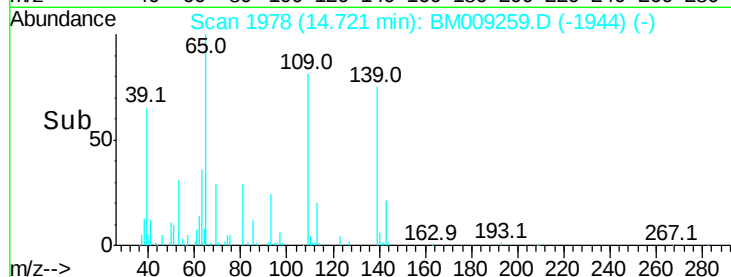
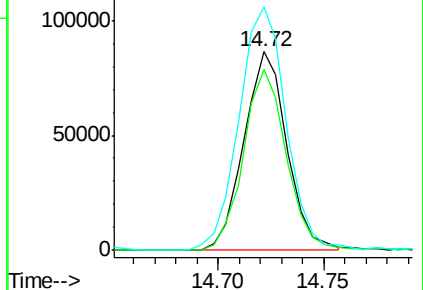
65 122.8 89.4 134.2



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: 22.12 ng/ul

RT: 14.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BM009259.D

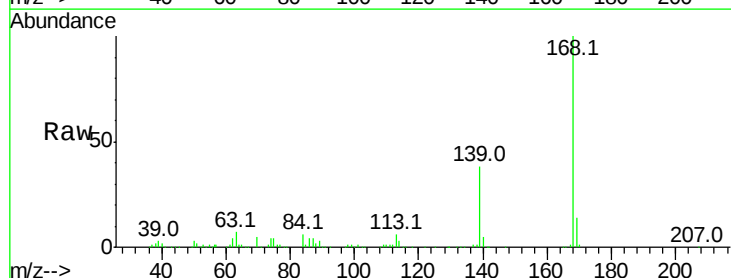
Acq: 15 Mar 2017 10:51

Tgt Ion:168 Resp: 670990

Ion Ratio Lower Upper

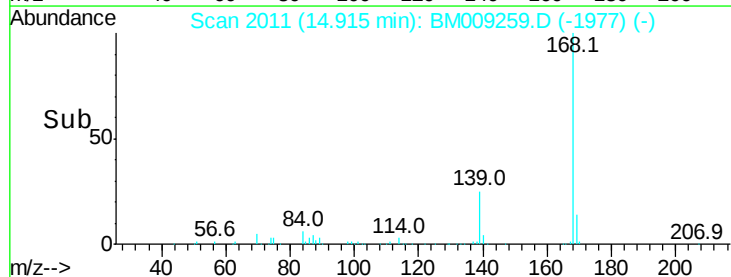
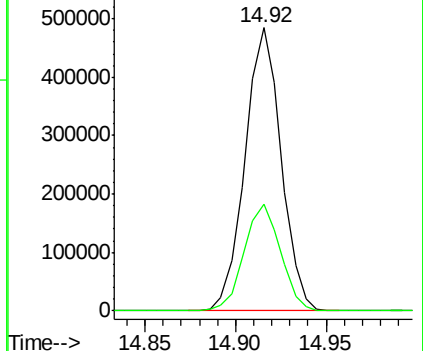
168 100

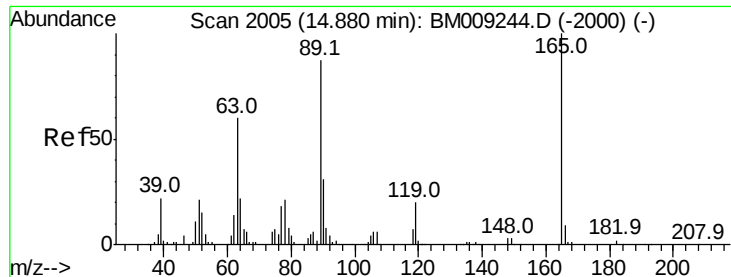
139 37.7 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

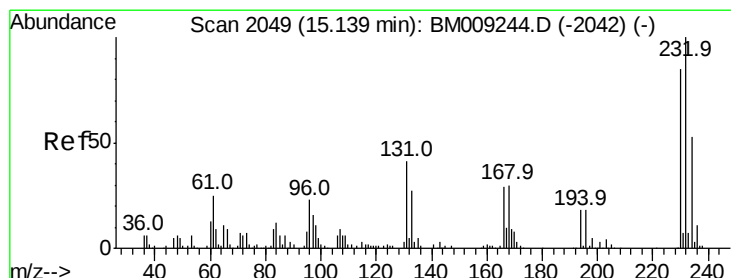
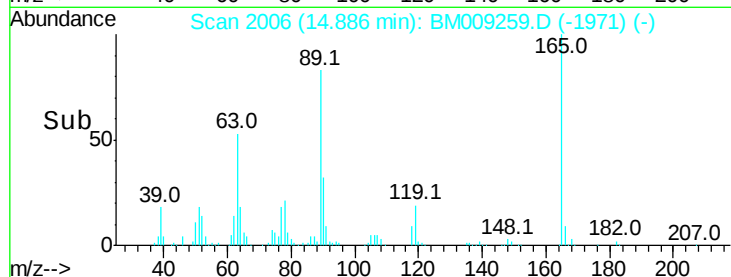
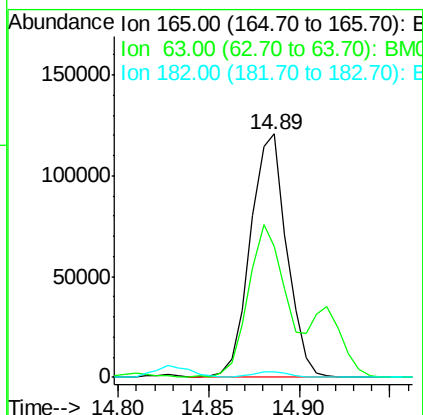
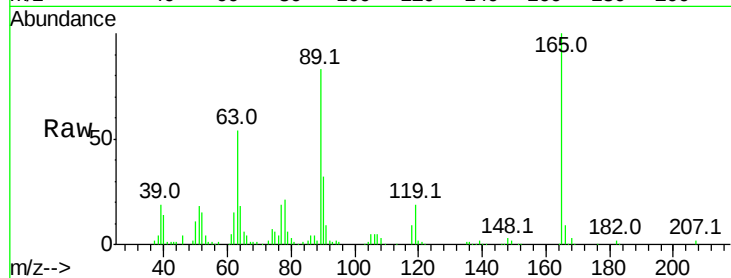




#54  
 2,4-Dinitrotoluene  
 Concen: 22.34 ng/ul  
 RT: 14.89 min Scan# 2006  
 Delta R.T. 0.01 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

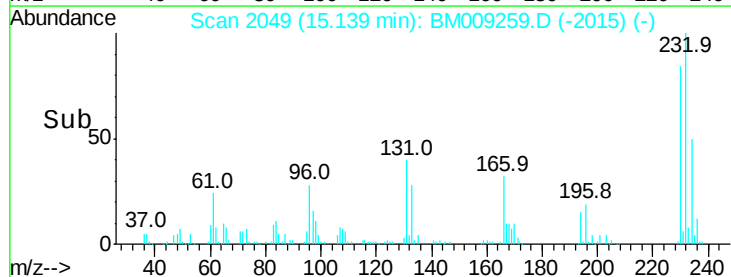
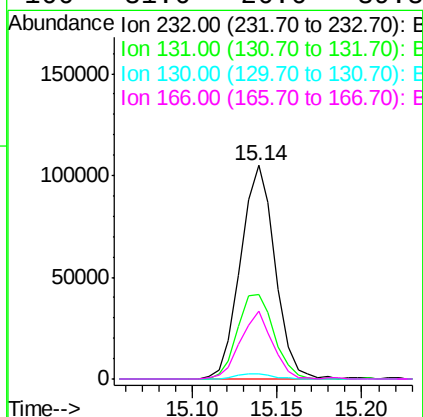
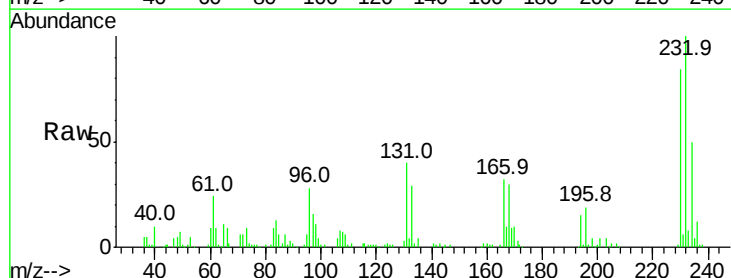
Instrument :  
 BNA\_M  
 ClientSampleId :

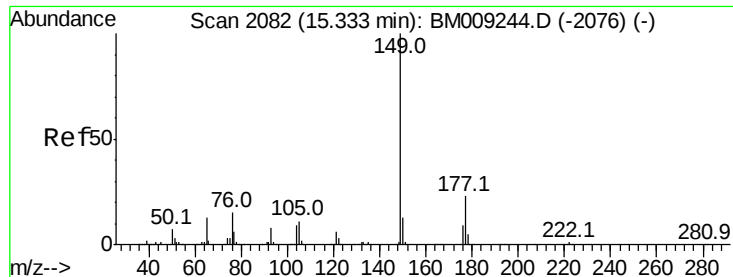
Tot Ion:165 Resp: 168807  
 Ion Ratio Lower Upper  
 165 100  
 63 53.7 29.8 44.6#  
 182 2.2 2.2 3.4#



#55  
 2,3,4,6-Tetrachlorophenol  
 Concen: 21.38 ng/ul  
 RT: 15.14 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:232 Resp: 150000  
 Ion Ratio Lower Upper  
 232 100  
 131 39.7 39.4 59.2  
 130 2.7 2.2 3.2  
 166 31.6 26.6 39.8

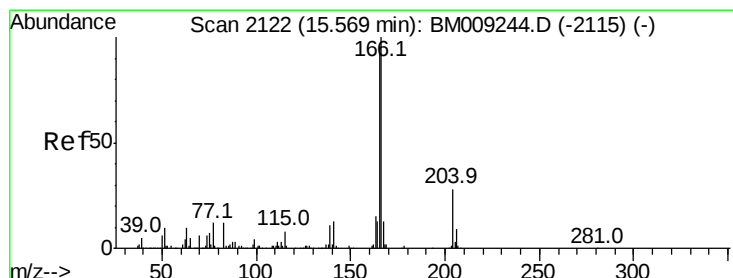
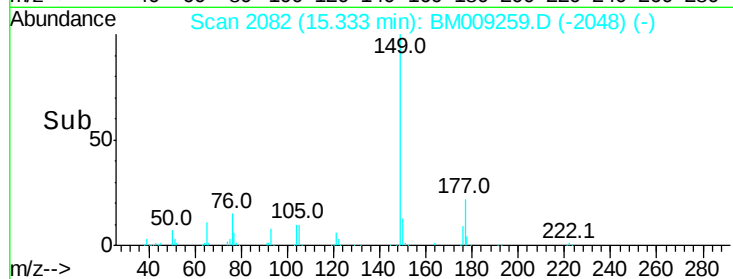
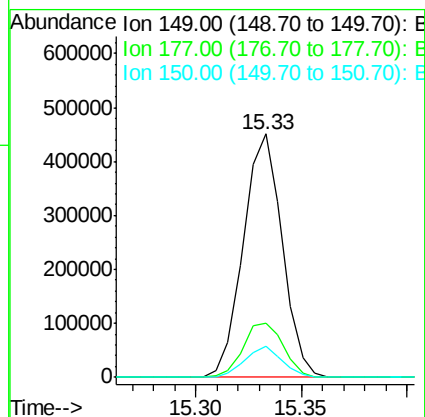
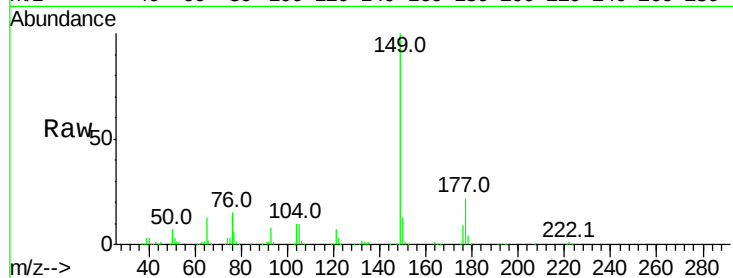




#56  
Diethylphthalate  
Concen: 21.57 ng/ul  
RT: 15.33 min Scan# 2082  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

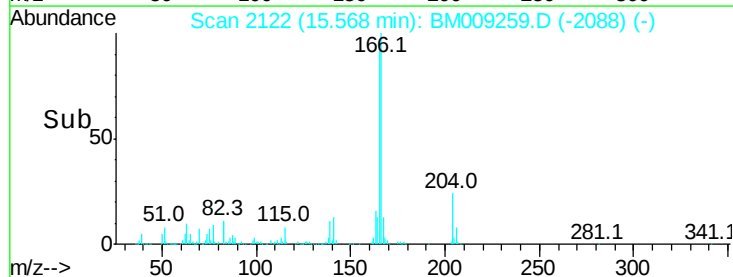
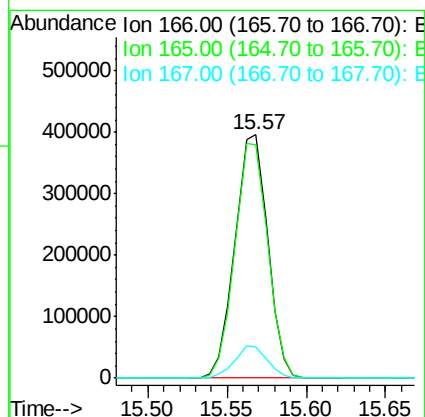
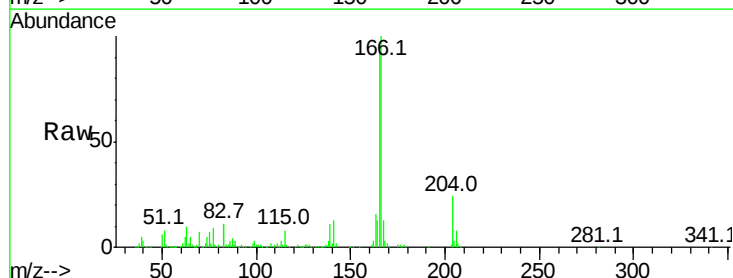
Instrument :  
BNA\_M  
ClientSampleId :

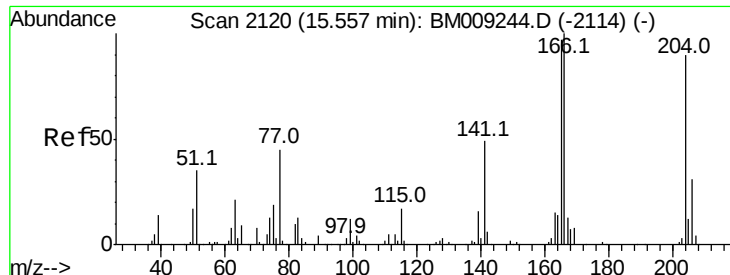
Tot Ion:149 Resp: 575837  
Ion Ratio Lower Upper  
149 100  
177 22.1 17.4 26.2  
150 12.7 10.0 15.0



#58  
Fluorene  
Concen: 21.74 ng/ul  
RT: 15.57 min Scan# 2122  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion:166 Resp: 569097  
Ion Ratio Lower Upper  
166 100  
165 95.8 78.5 117.7  
167 12.8 10.7 16.1

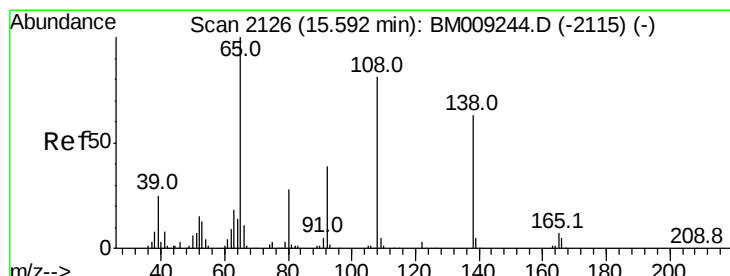
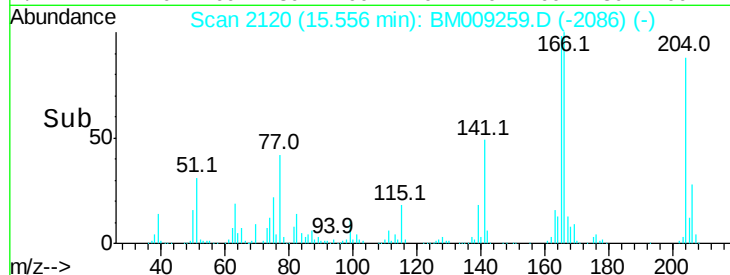
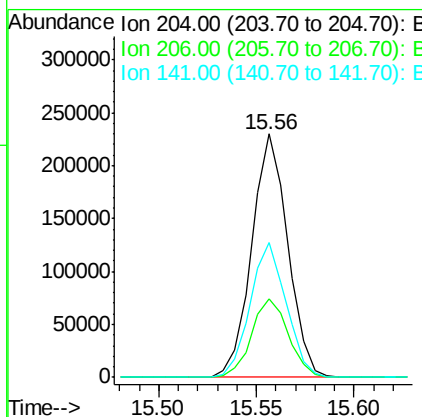
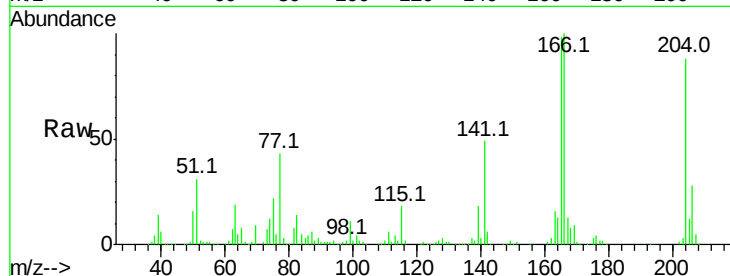




#59  
 4-Chlorophenyl-phenylether  
 Concen: 21.84 ng/ul  
 RT: 15.56 min Scan# 2120  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

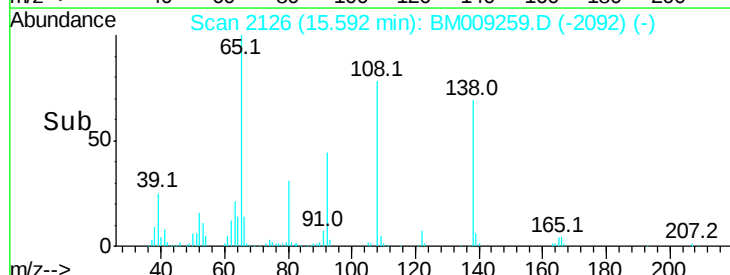
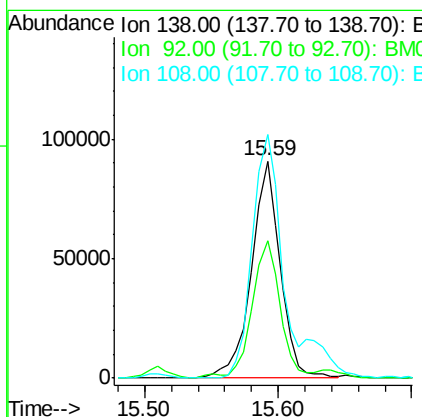
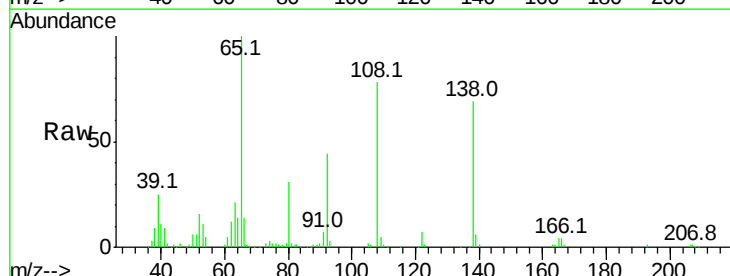
Instrument :  
 BNA\_M  
 ClientSampled :

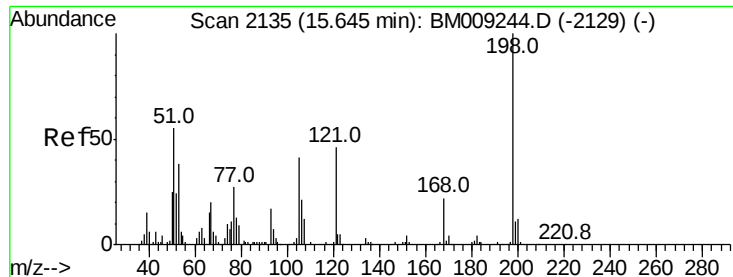
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 204   | Resp: | 293745 |
| Ion Ratio | Lower | Upper |        |
| 204       | 100   |       |        |
| 206       | 32.4  | 26.2  | 39.4   |
| 141       | 55.4  | 54.6  | 81.8   |



#60  
 4-Nitroaniline  
 Concen: 22.75 ng/ul  
 RT: 15.59 min Scan# 2126  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 138   | Resp: | 134912 |
| Ion Ratio | Lower | Upper |        |
| 138       | 100   |       |        |
| 92        | 63.0  | 40.6  | 60.8#  |
| 108       | 112.1 | 67.0  | 100.6# |

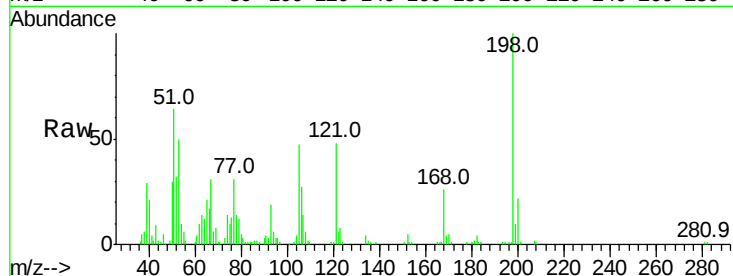




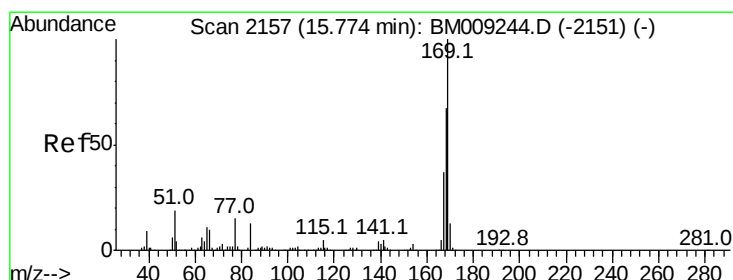
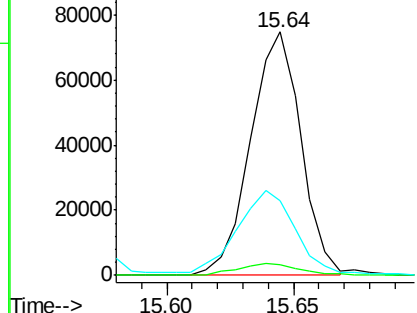
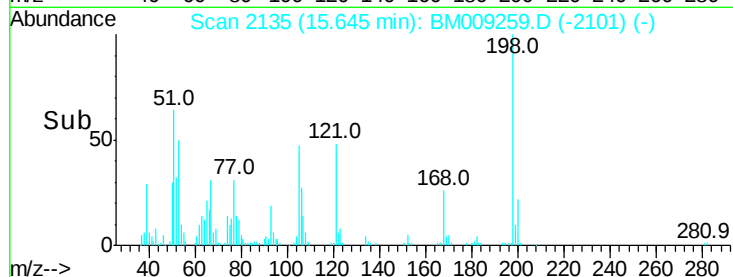
#63  
4,6-Dinitro-2-methylphenol  
Concen: 17.99 ng/ul  
RT: 15.64 min Scan# 2135  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:198 Resp: 103289  
Ion Ratio Lower Upper  
198 100  
182 4.4 3.1 4.7  
77 30.6 20.1 30.1#

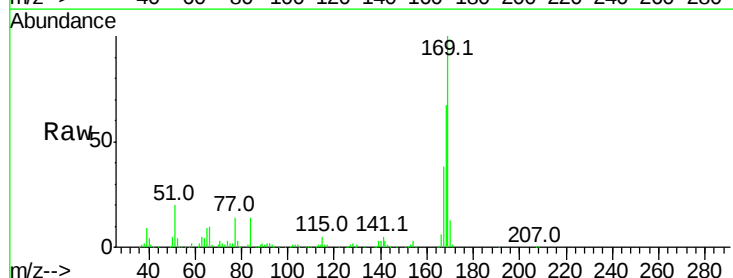


Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BMO

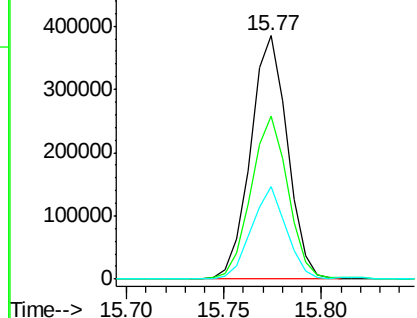
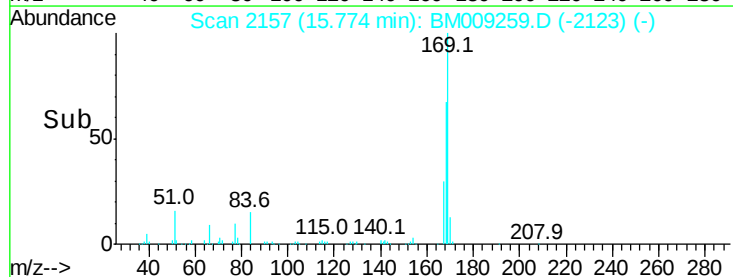


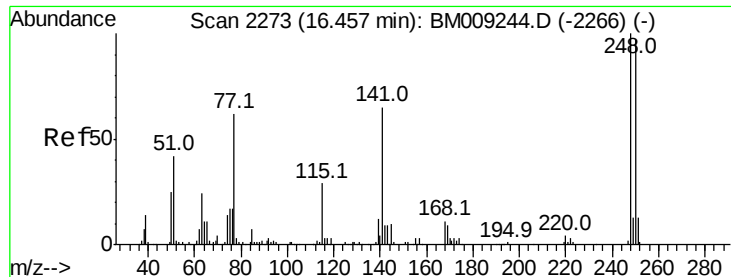
#64  
N-Nitrosodiphenylamine  
Concen: 19.63 ng/ul  
RT: 15.77 min Scan# 2157  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion:169 Resp: 503849  
Ion Ratio Lower Upper  
169 100  
168 67.2 53.8 80.8  
167 38.1 29.3 43.9



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

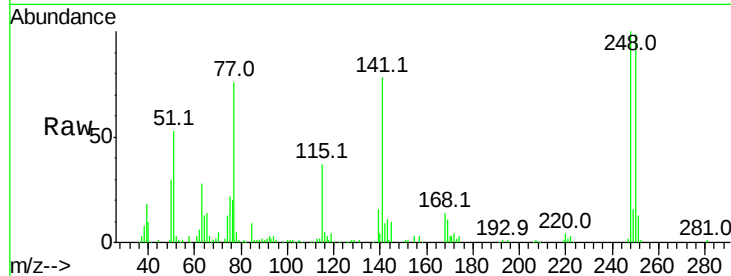




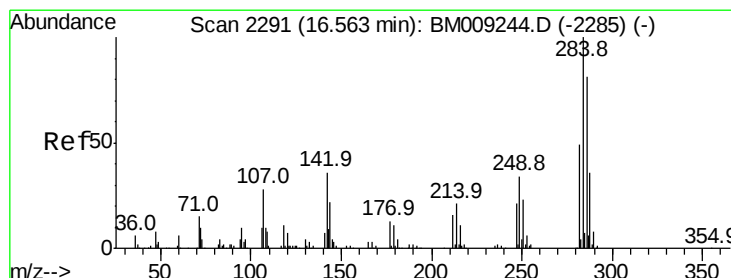
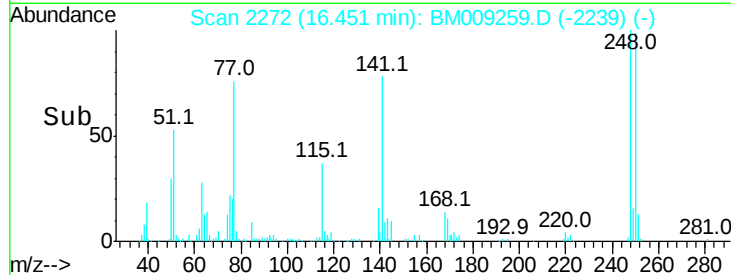
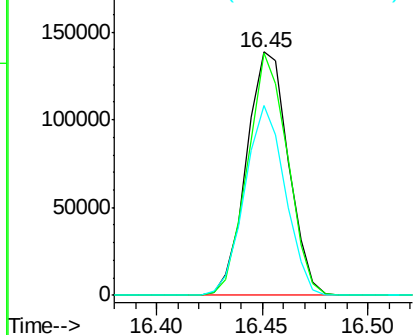
#65  
4-Bromophenyl-phenylether  
Concen: 19.48 ng/ul  
RT: 16.45 min Scan# 2272  
Delta R.T. -0.01 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:248 Resp: 192295  
Ion Ratio Lower Upper  
248 100  
250 99.3 78.7 118.1  
141 78.2 72.2 108.2

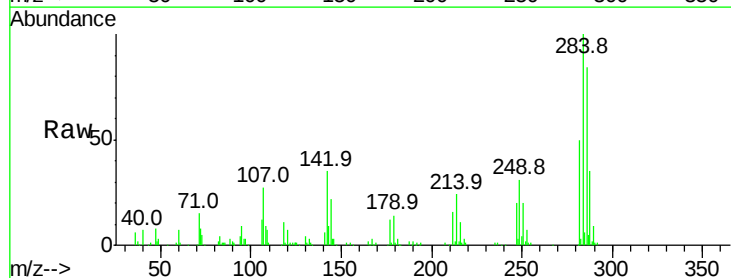


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

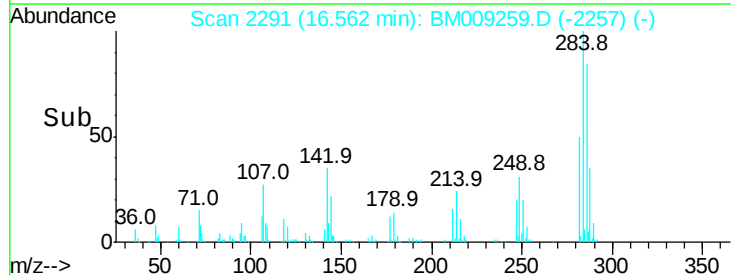
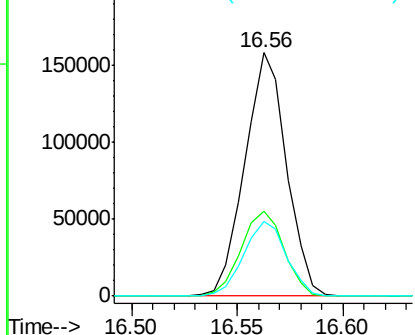


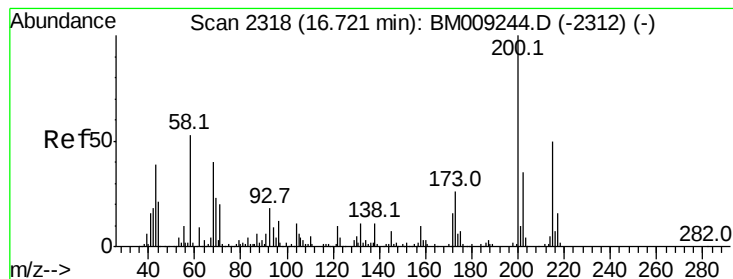
#66  
Hexachlorobenzene  
Concen: 19.70 ng/ul  
RT: 16.56 min Scan# 2291  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion:284 Resp: 216252  
Ion Ratio Lower Upper  
284 100  
142 35.0 33.1 49.7  
249 30.8 27.1 40.7



Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E





#67

Atrazine

Concen: 18.12 ng/ul

RT: 16.72 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

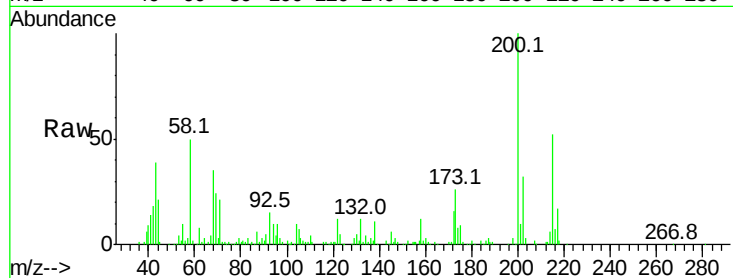
Tot Ion:200 Resp: 194472

Ion Ratio Lower Upper

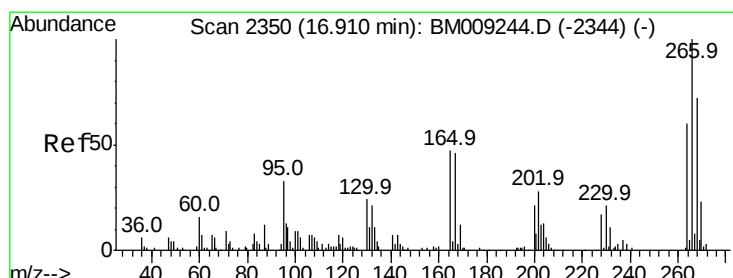
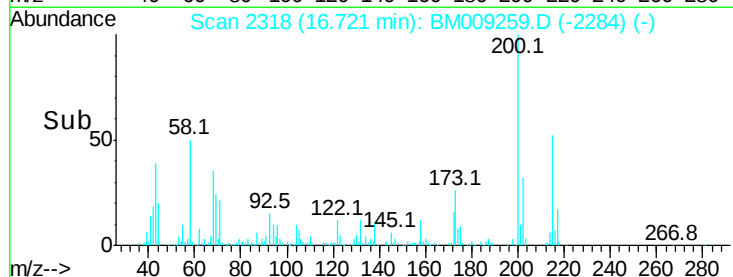
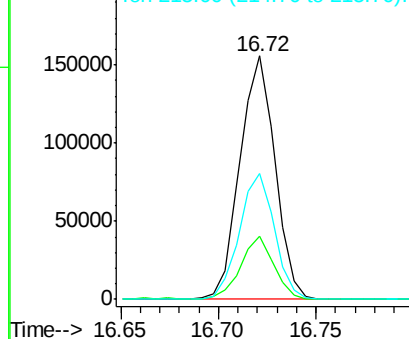
200 100

173 26.1 21.6 32.4

215 51.5 37.0 55.4



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: 17.64 ng/ul

RT: 16.91 min Scan# 2350

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

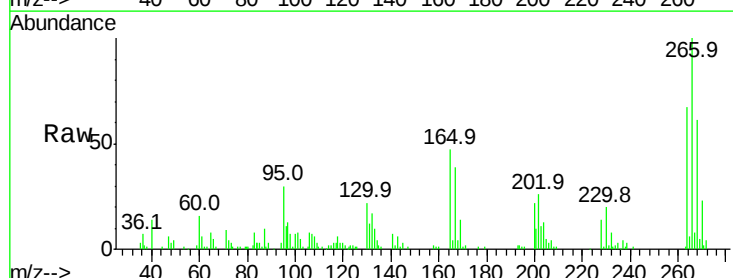
Tgt Ion:266 Resp: 127257

Ion Ratio Lower Upper

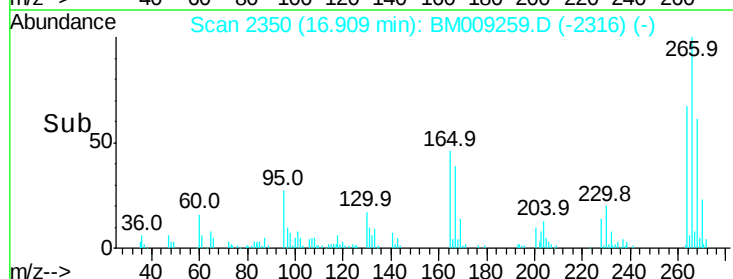
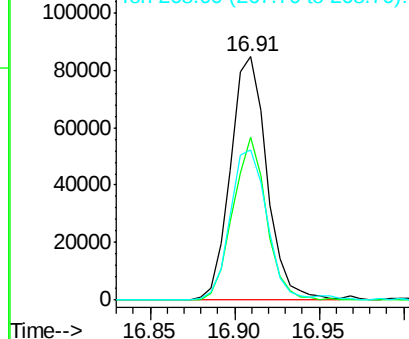
266 100

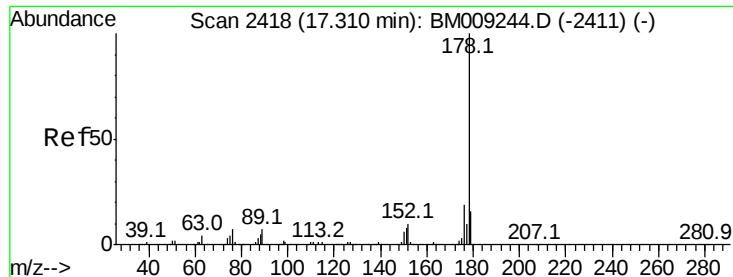
264 67.1 50.5 75.7

268 61.4 50.9 76.3



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



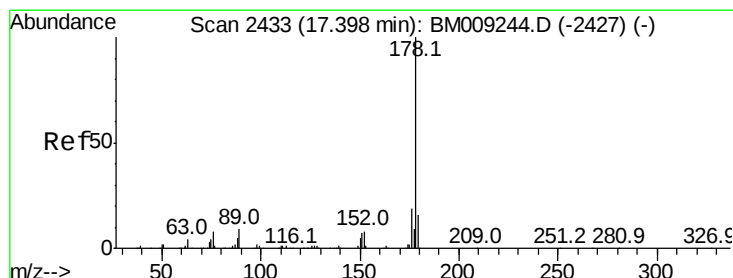
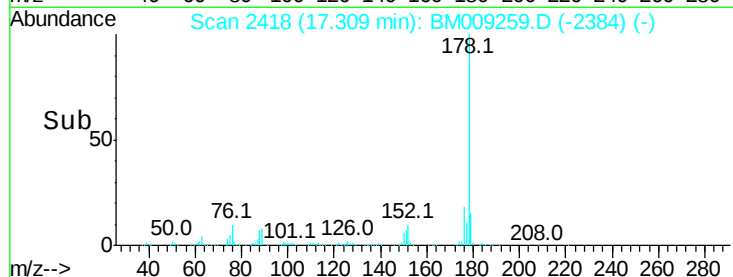
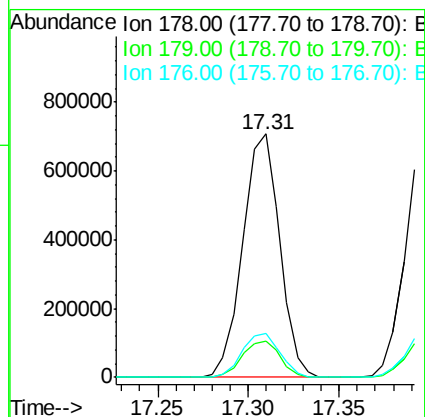
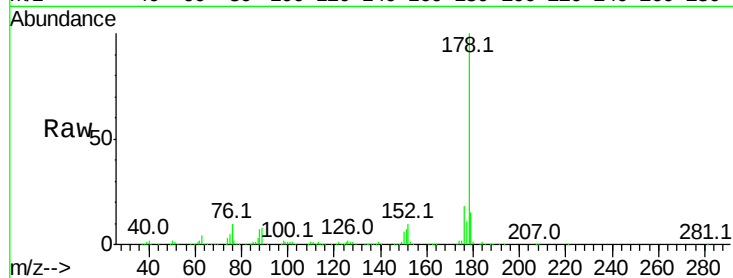


#69  
 Phenanthrene  
 Concen: 19.73 ng/ul  
 RT: 17.31 min Scan# 2418  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:178 Resp: 1002832  

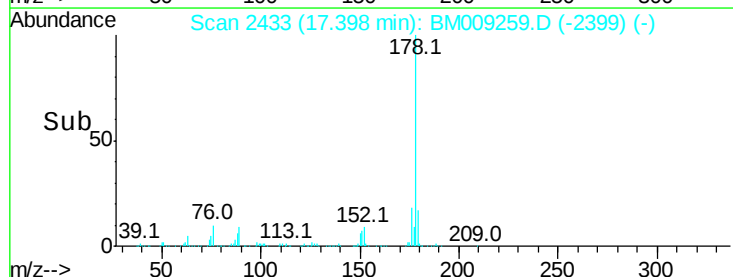
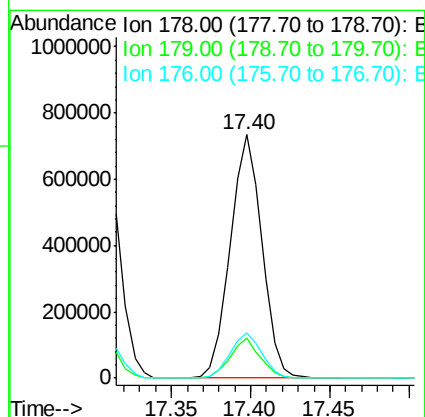
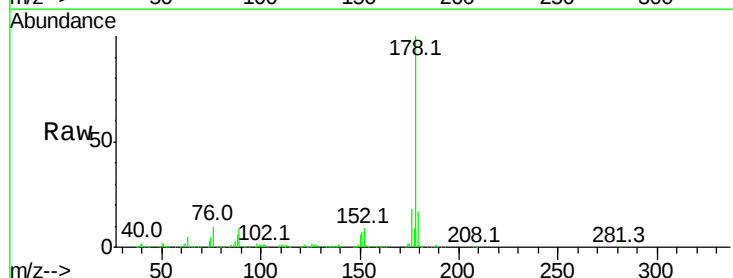
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 14.7  | 12.2  | 18.4  |
| 176 | 18.2  | 15.6  | 23.4  |

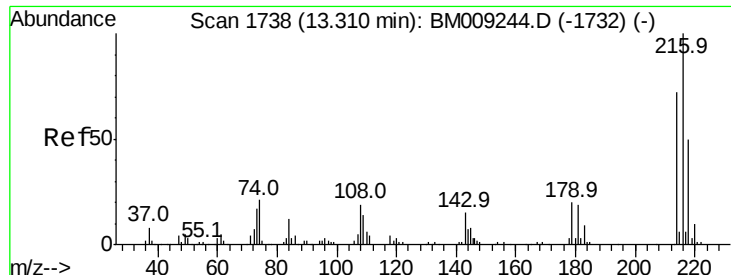


#71  
 Anthracene  
 Concen: 19.52 ng/ul  
 RT: 17.40 min Scan# 2433  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:178 Resp: 1012358  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 179 | 16.5  | 12.1  | 18.1  |
| 176 | 18.4  | 14.8  | 22.2  |





#72

1,2,3,4-Tetrachlorobenzene

Concen: 18.62 ng/uL

RT: 13.31 min Scan# 1738

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

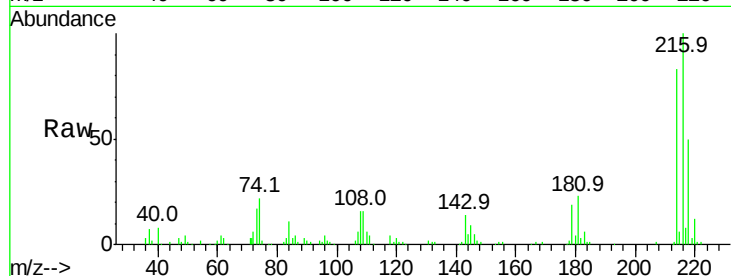
Tot Ion:216 Resp: 199859

Ion Ratio Lower Upper

216 100

214 82.8 62.5 93.7

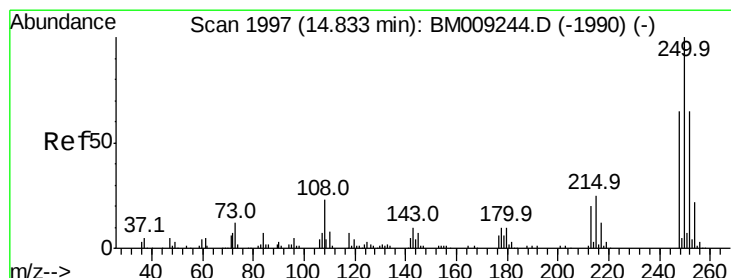
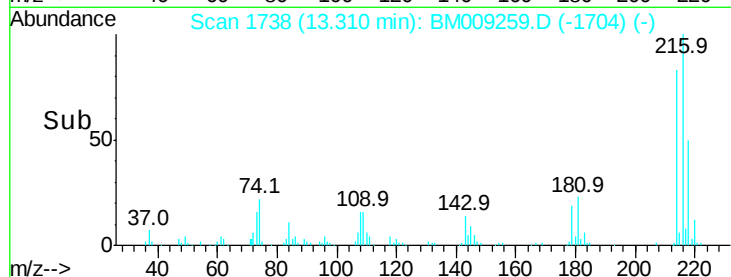
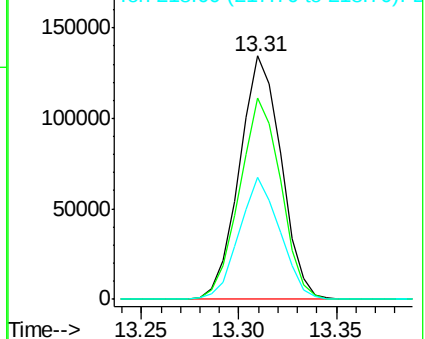
218 50.1 38.4 57.6



Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E



#73

Pentachlorobenzene

Concen: 19.57 ng/uL

RT: 14.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

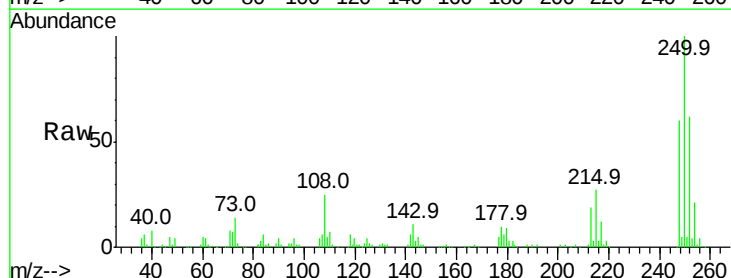
Tgt Ion:250 Resp: 225488

Ion Ratio Lower Upper

250 100

248 59.9 50.6 75.8

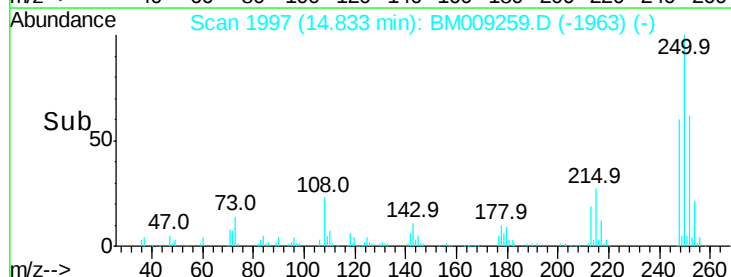
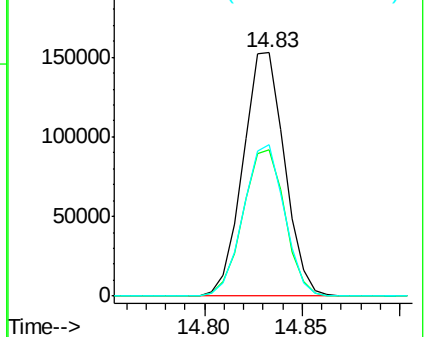
252 62.4 51.4 77.0

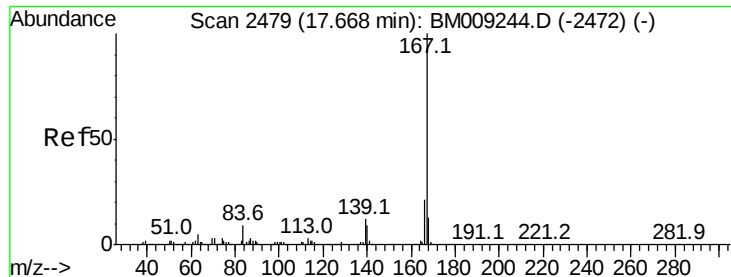


Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E





#74

Carbazole

Concen: 19.47 ng/ul

RT: 17.67 min Scan# 2479

Delta R.T. -0.00 min

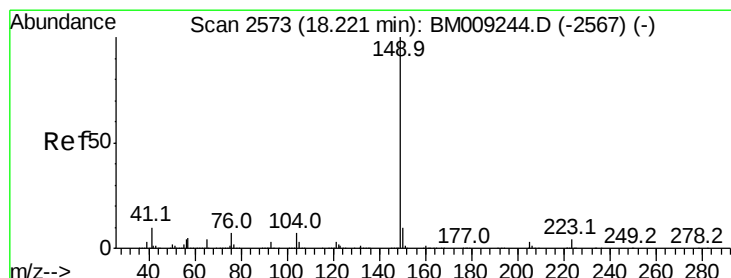
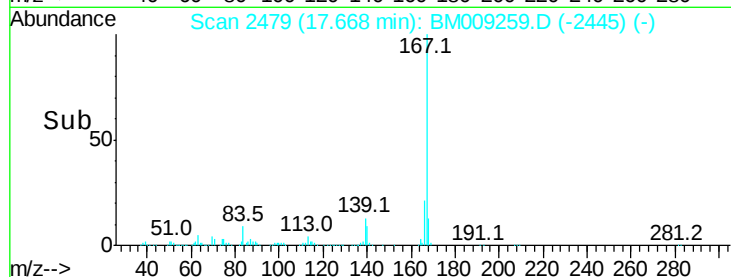
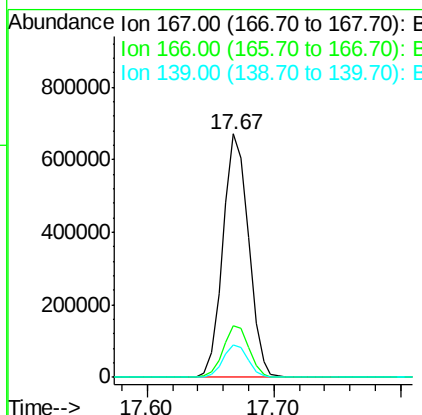
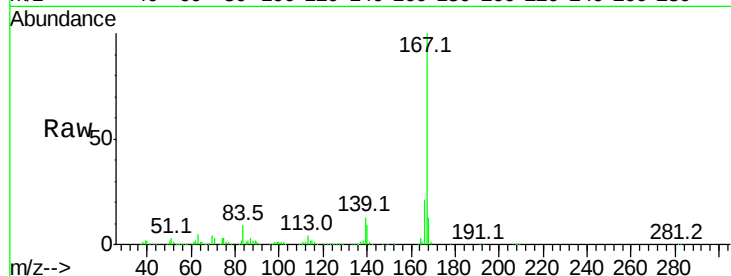
Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:167 Resp: 942332

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.4  | 17.0  | 25.6  |
| 139 | 13.1  | 11.0  | 16.4  |



#75

Di-n-butylphthalate

Concen: 18.64 ng/ul

RT: 18.22 min Scan# 2573

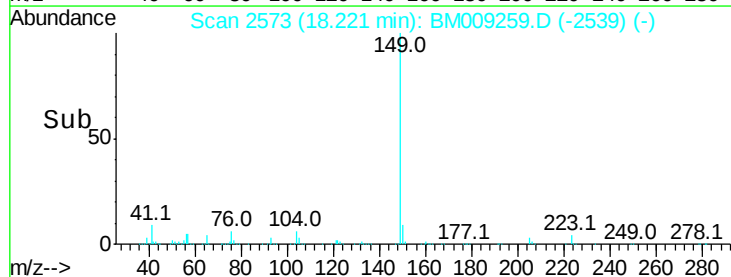
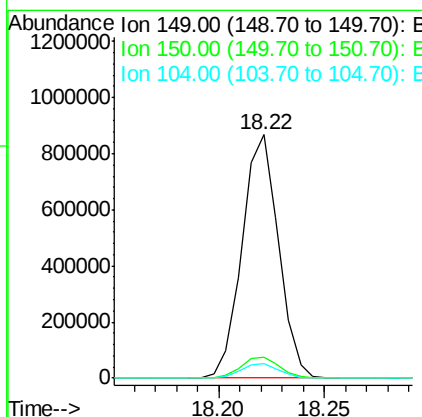
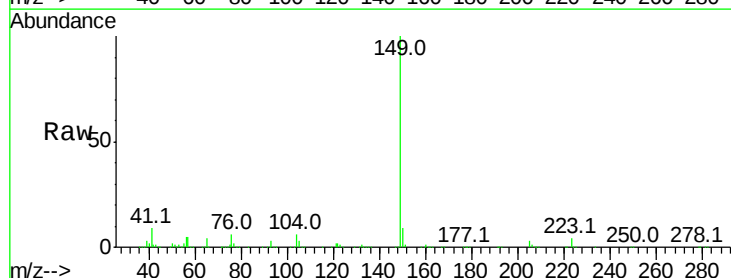
Delta R.T. -0.00 min

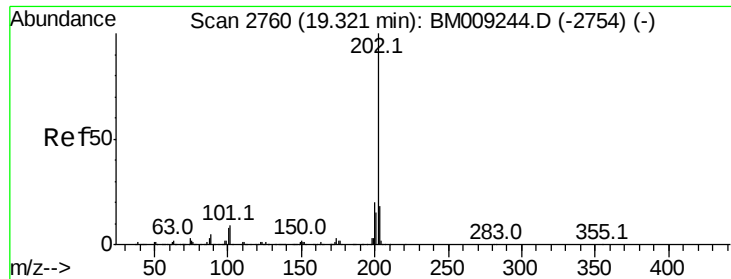
Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Tgt Ion:149 Resp: 1039454

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 150 | 8.8   | 7.4   | 11.0  |
| 104 | 5.9   | 4.0   | 6.0   |

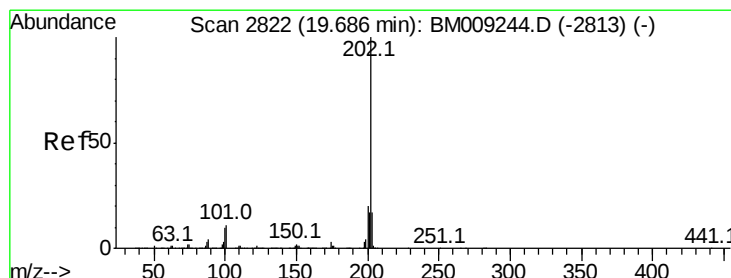
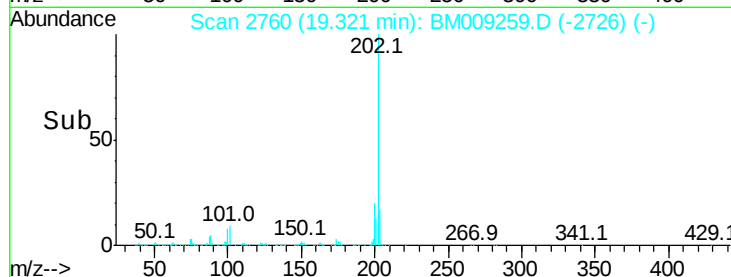
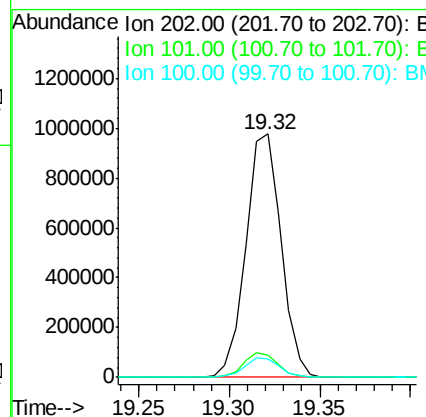
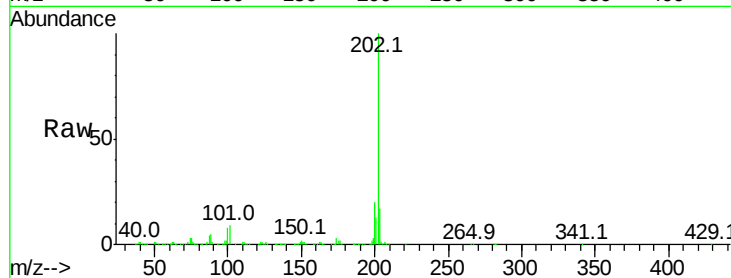




#76  
 Fluoranthene  
 Concen: 20.56 ng/ul  
 RT: 19.32 min Scan# 2760  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

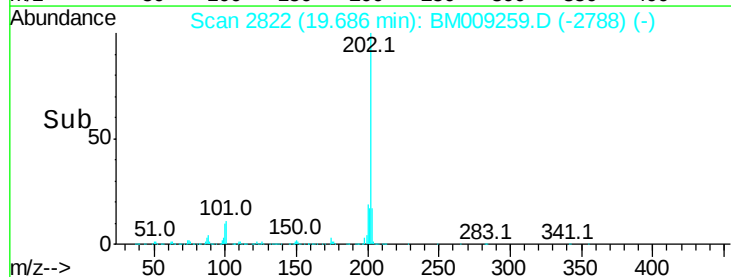
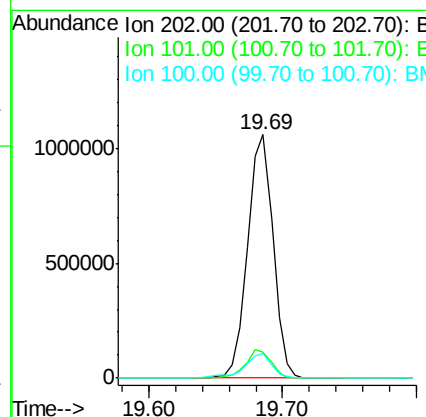
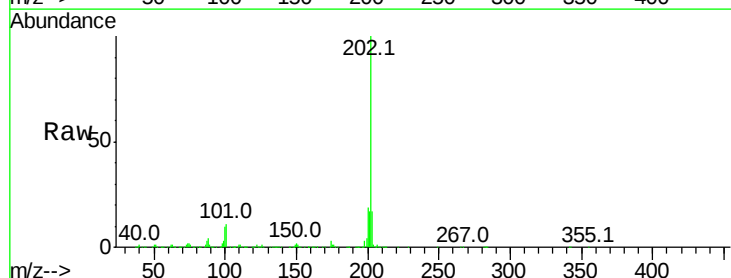
Instrument :  
 BNA\_M  
 ClientSampleId :

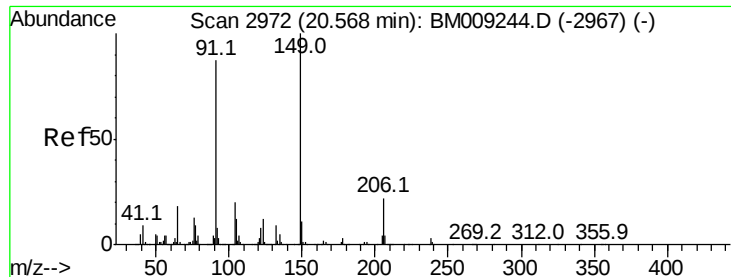
Tot Ion:202 Resp: 1317779  
 Ion Ratio Lower Upper  
 202 100  
 101 9.1 8.8 13.2  
 100 7.7 6.6 9.8



#79  
 Pyrene  
 Concen: 19.31 ng/ul  
 RT: 19.69 min Scan# 2822  
 Delta R.T. -0.00 min  
 Lab File: BM009259.D  
 Acq: 15 Mar 2017 10:51

Tgt Ion:202 Resp: 1389884  
 Ion Ratio Lower Upper  
 202 100  
 101 10.8 10.2 15.2  
 100 10.4 8.5 12.7

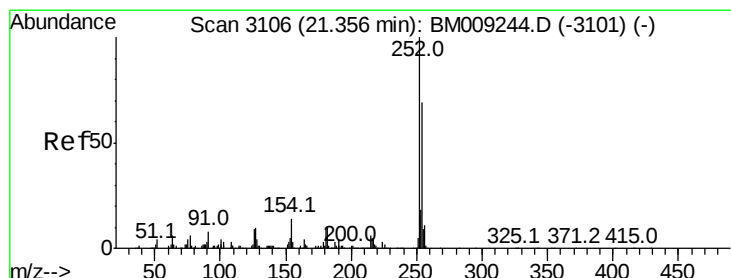
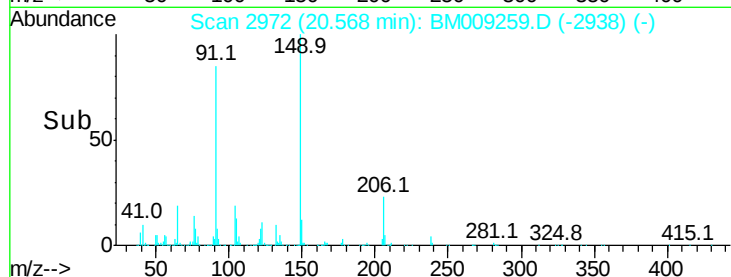
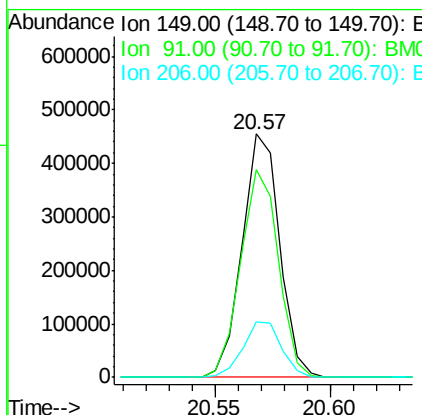
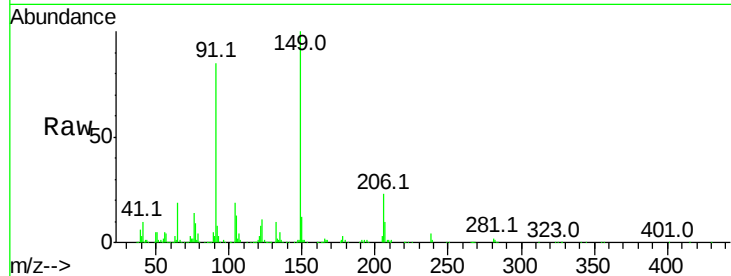




#80  
Butylbenzylphthalate  
Concen: 17.81 ng/ul  
RT: 20.57 min Scan# 2972  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

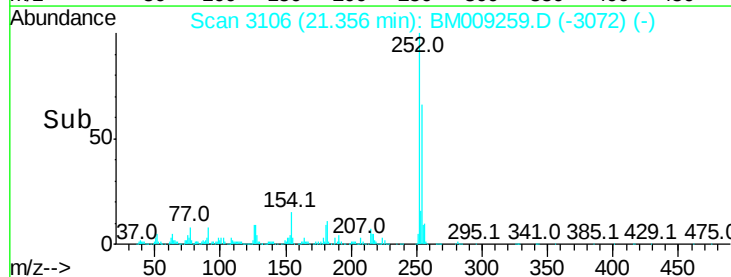
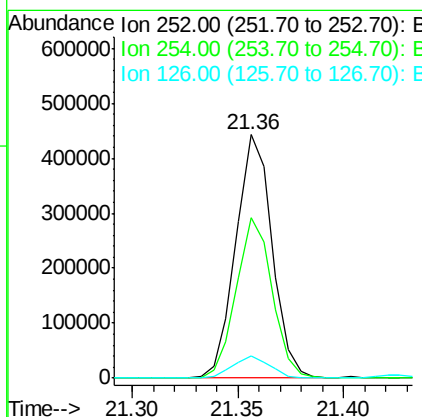
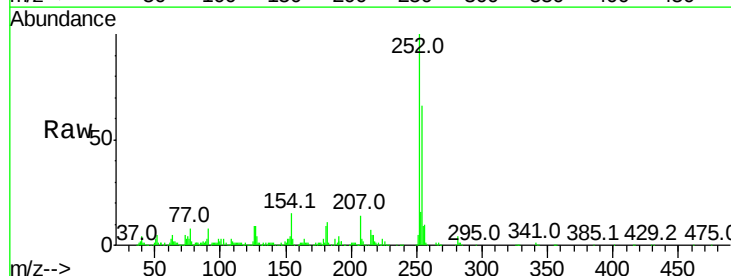
Instrument :  
BNA\_M  
ClientSampleId :

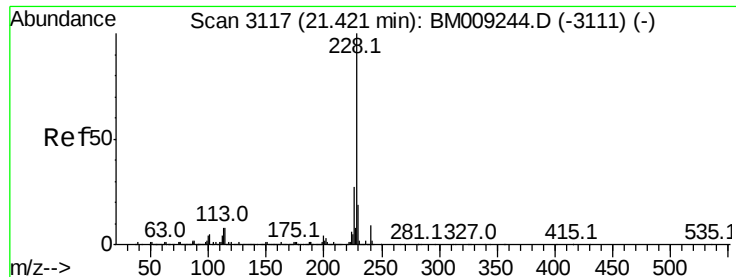
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 85.4  | 53.4  | 80.2# |
| 206     | 22.8  | 16.6  | 24.8  |



#81  
3,3'-Dichlorobenzidine  
Concen: 20.09 ng/ul  
RT: 21.36 min Scan# 3106  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 65.9  | 52.2  | 78.2  |
| 126     | 9.1   | 9.4   | 14.2# |





#82

Benzo(a)anthracene

Concen: 19.79 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

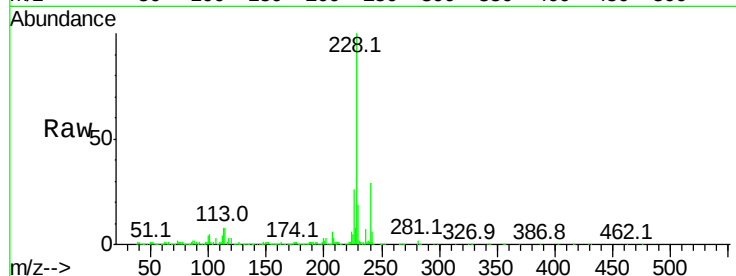
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:228 Resp: 1566967

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 228 | 100   |       |       |
| 229 | 18.7  | 15.7  | 23.5  |
| 226 | 25.5  | 21.8  | 32.6  |

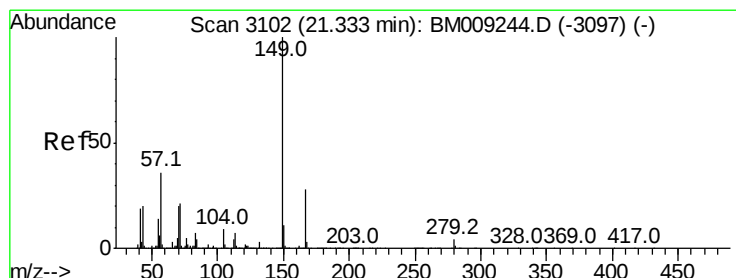
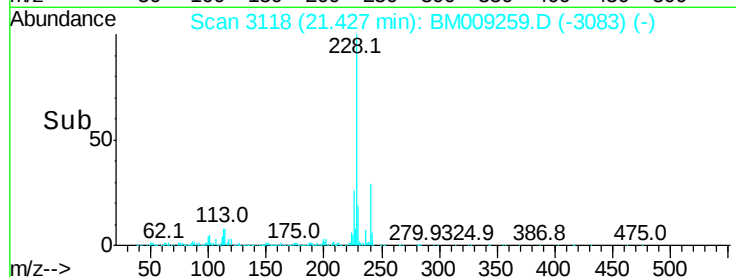
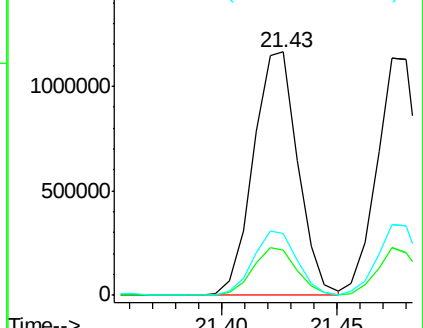


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 17.05 ng/ul

RT: 21.33 min Scan# 3102

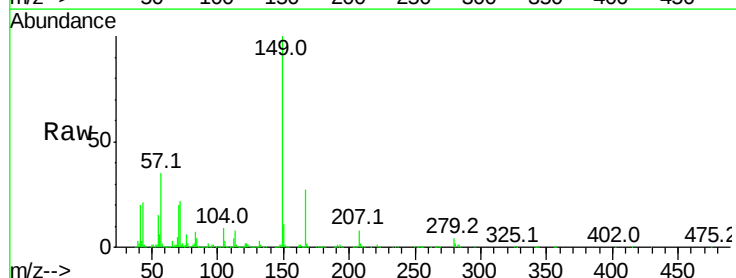
Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Tgt Ion:149 Resp: 767374

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 26.9  | 21.6  | 32.4  |
| 279 | 3.9   | 3.0   | 4.4   |

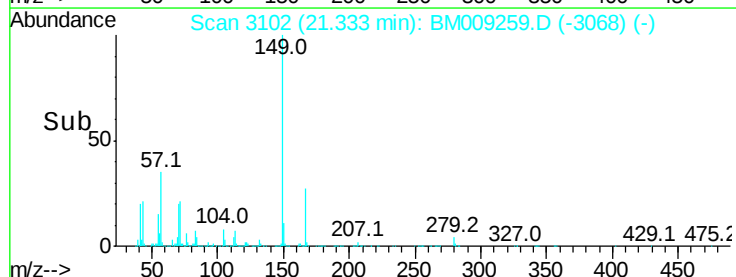
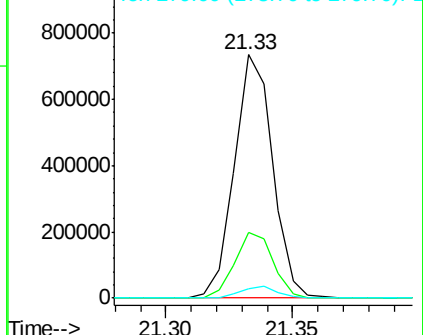


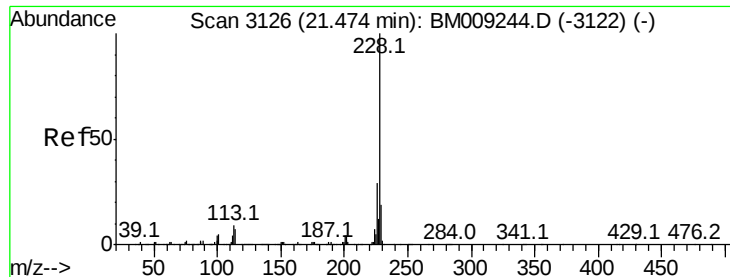
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 19.15 ng/ul

RT: 21.47 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

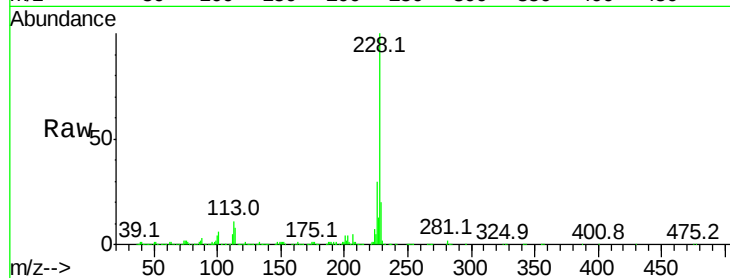
Tot Ion:228 Resp: 1430041

Ion Ratio Lower Upper

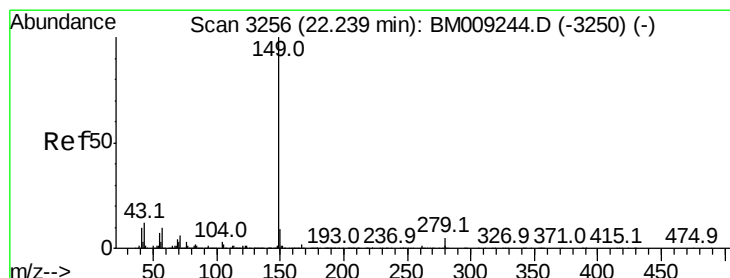
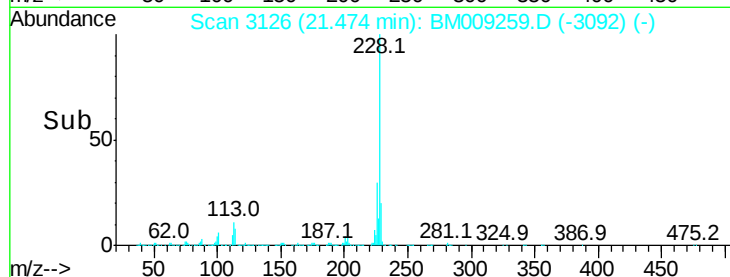
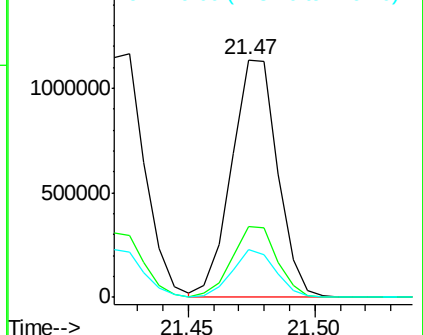
228 100

226 30.0 24.0 36.0

229 20.2 15.6 23.4



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



#86

Di-n-octyl phthalate

Concen: 18.59 ng/ul

RT: 22.24 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

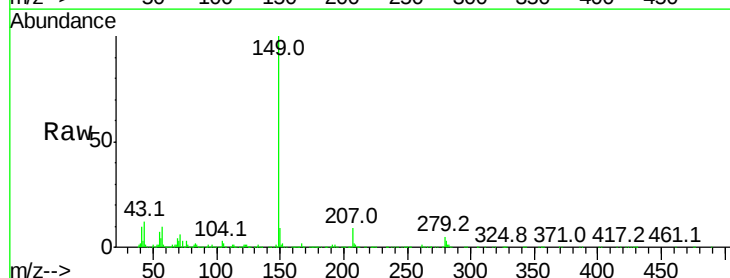
Tgt Ion:149 Resp: 1411899

Ion Ratio Lower Upper

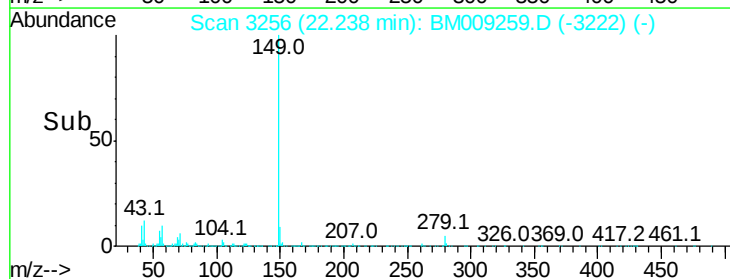
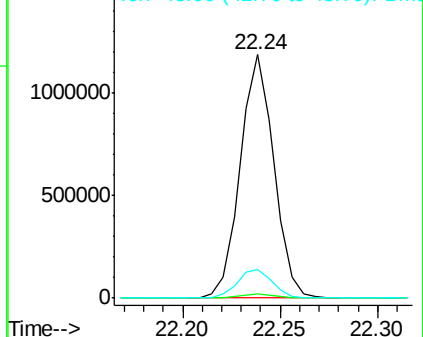
149 100

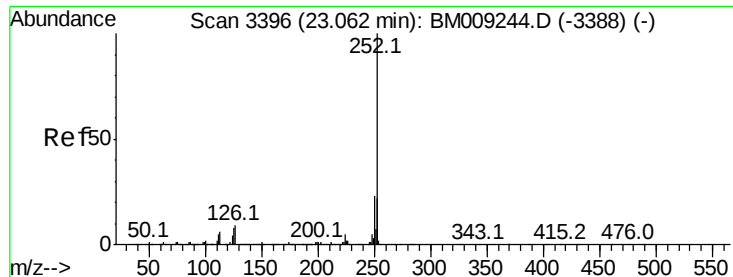
167 1.6 1.2 1.8

43 11.8 5.6 8.4#



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 167.00 (166.70 to 167.70): E  
Ion 43.00 (42.70 to 43.70): BM





#87

Benzo(b)fluoranthene

Concen: 19.99 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

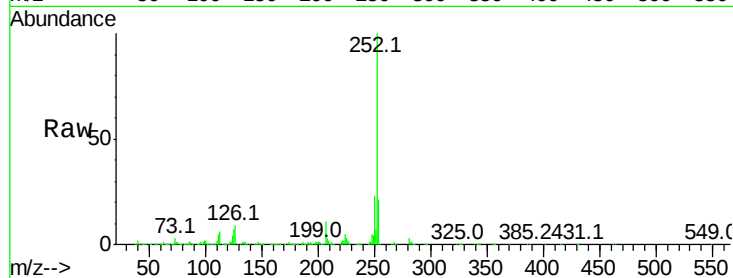
Tot Ion:252 Resp: 1667965

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

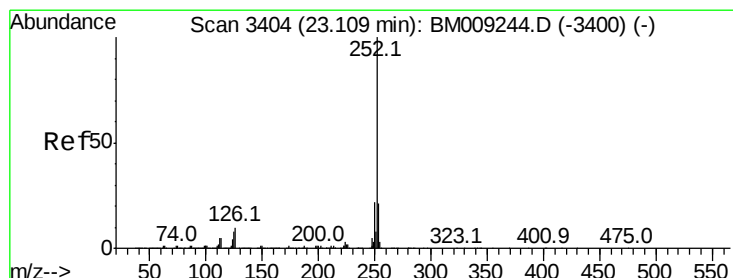
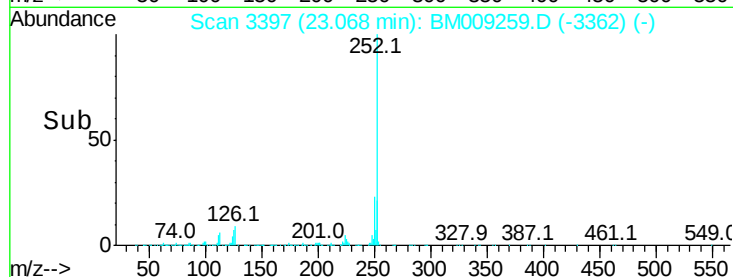
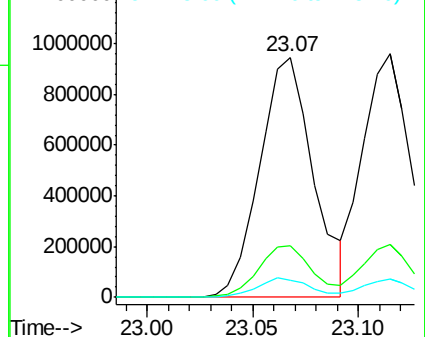
125 7.1 8.5 12.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 19.08 ng/ul

RT: 23.11 min Scan# 3405

Delta R.T. 0.01 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

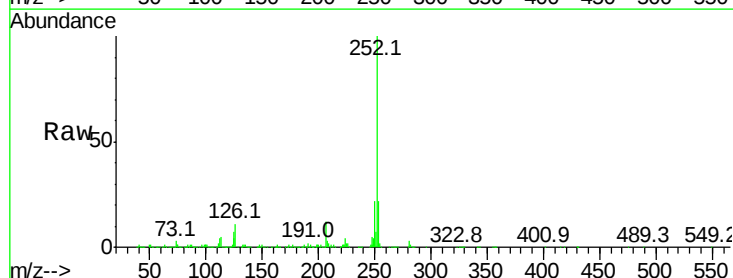
Tgt Ion:252 Resp: 1521665

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

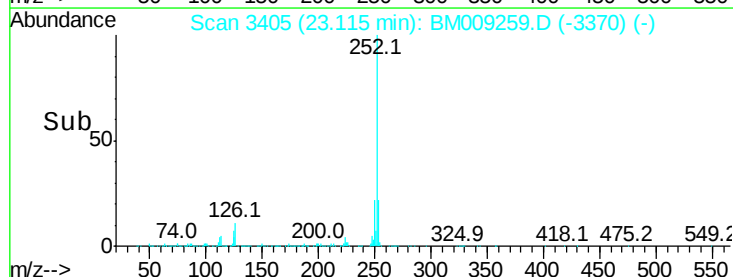
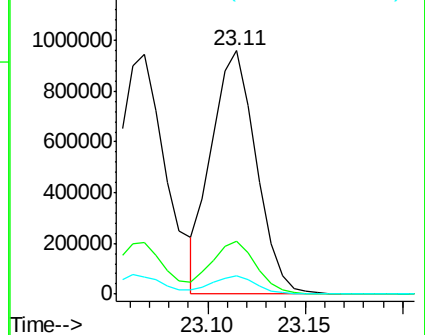
125 7.5 8.2 12.2#

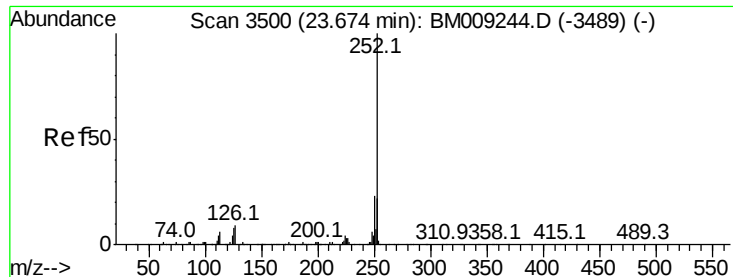


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

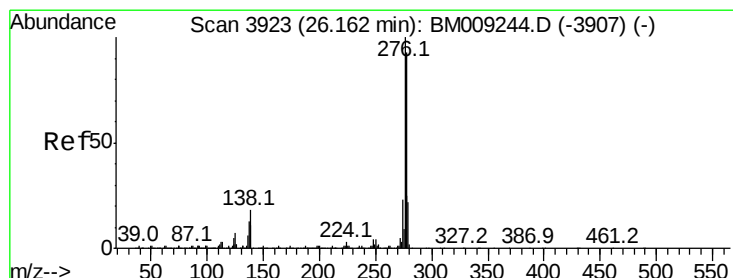
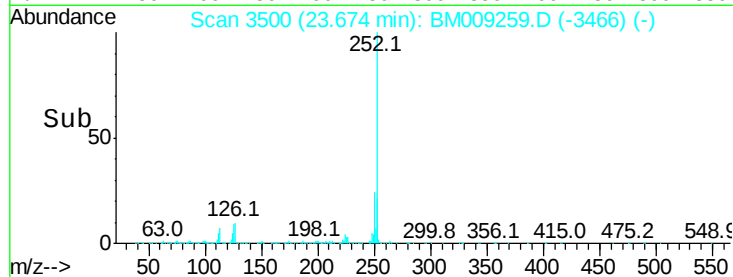
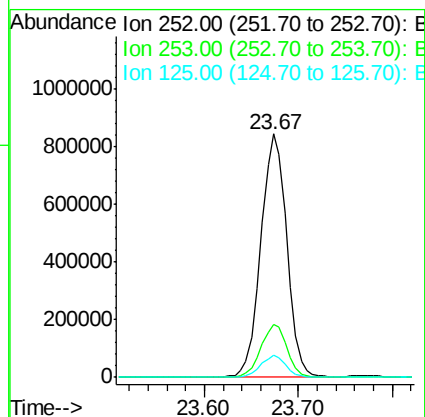
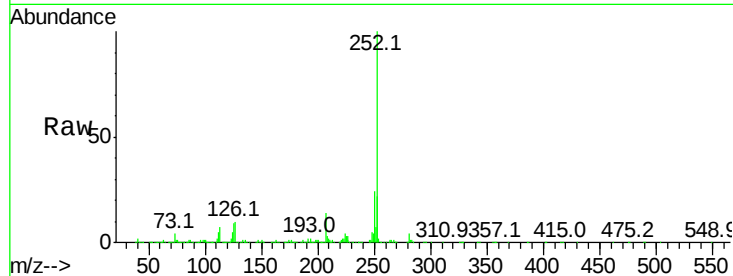




#90  
Benzo(a)pyrene  
Concen: 19.87 ng/ul  
RT: 23.67 min Scan# 3500  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

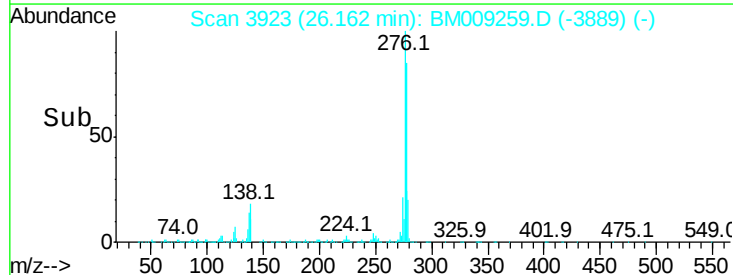
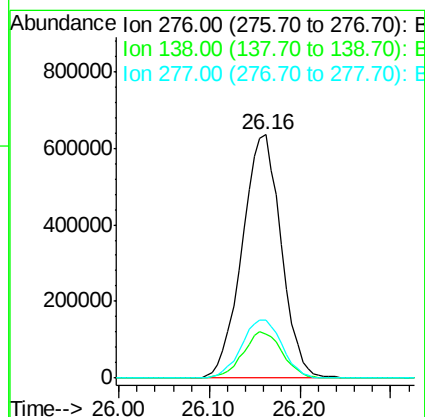
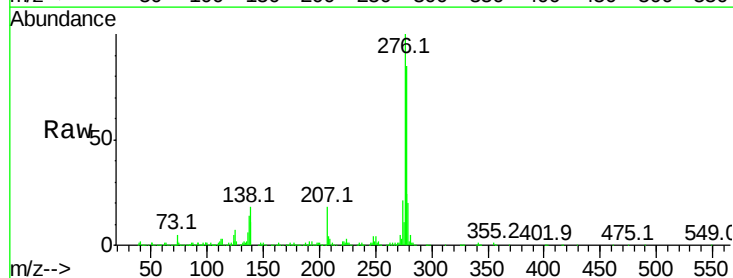
Instrument :  
BNA\_M  
ClientSampled :

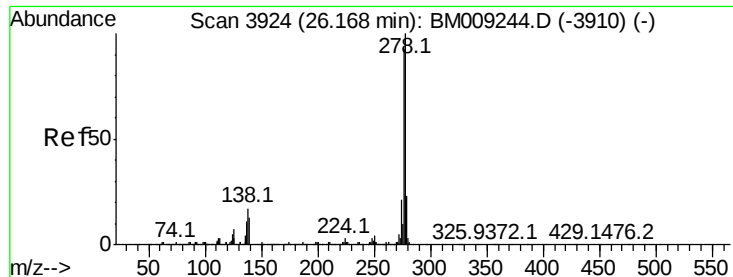
Tot Ion:252 Resp: 1611686  
Ion Ratio Lower Upper  
252 100  
253 21.5 17.2 25.8  
125 9.2 9.0 13.6



#91  
Indeno(1,2,3-cd)pyrene  
Concen: 19.47 ng/ul  
RT: 26.16 min Scan# 3923  
Delta R.T. -0.00 min  
Lab File: BM009259.D  
Acq: 15 Mar 2017 10:51

Tgt Ion:276 Resp: 1894414  
Ion Ratio Lower Upper  
276 100  
138 18.2 22.3 33.5#  
277 23.8 20.2 30.2





#92

Dibenzo(a,h)anthracene

Concen: 19.49 ng/ul

RT: 26.17 min Scan# 3924

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

Instrument :

BNA\_M

ClientSampleId :

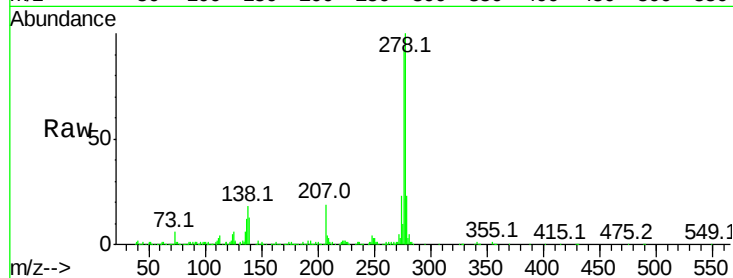
Tot Ion:278 Resp: 1603993

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 12.7  | 13.9  | 20.9# |
| 279 | 23.5  | 19.0  | 28.4  |

278 100

139 12.7 13.9 20.9#

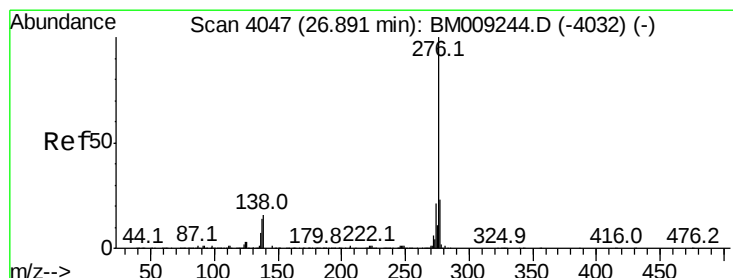
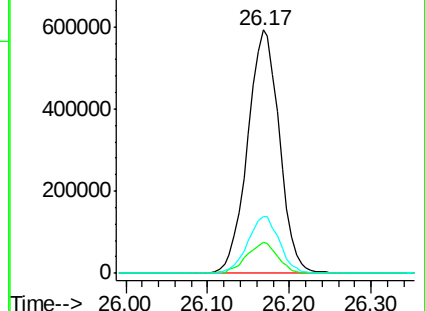
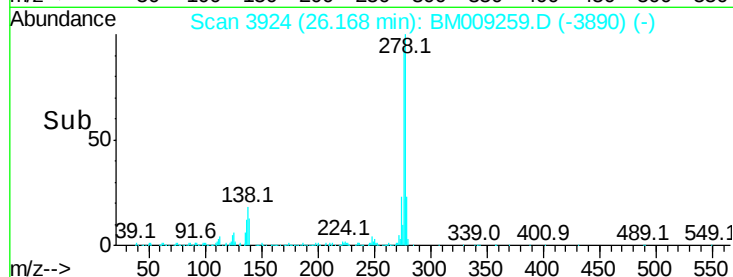
279 23.5 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 19.63 ng/ul

RT: 26.89 min Scan# 4047

Delta R.T. -0.00 min

Lab File: BM009259.D

Acq: 15 Mar 2017 10:51

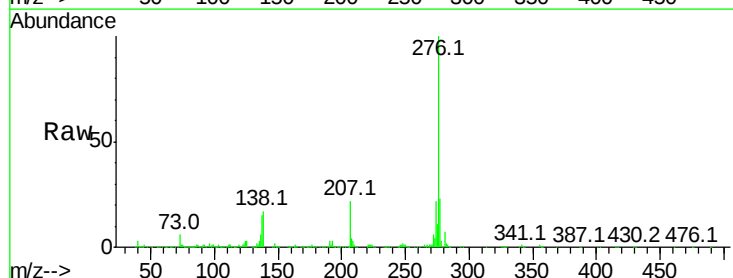
Tgt Ion:276 Resp: 1581176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 16.6  | 18.9  | 28.3# |
| 277 | 23.5  | 19.2  | 28.8  |

276 100

138 16.6 18.9 28.3#

277 23.5 19.2 28.8



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

