

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090517\  
 Data File : BM011438.D  
 Acq On : 05 Sep 2017 18:48  
 Operator : SJ/JU  
 Sample : I5075-03MSD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

Quant Time: Sep 06 07:49:27 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 501999   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.79 | 136  | 2151923  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.62 | 164  | 1192994  | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 17.36 | 188  | 2605573  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.52 | 240  | 2996846  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 23.90 | 264  | 2597498  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |          |        |    |       |
|--------------------------|-------|-----|----------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 4439051  | 148.85 | ng | 0.00  |
| 7) Phenol-d6             | 7.14  | 99  | 5241647  | 126.75 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.15  | 82  | 3642463  | 111.54 | ng | 0.00  |
| 41) 2,4,6-Tribromophenol | 16.10 | 330 | 2204736  | 159.74 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.24 | 172 | 8604029  | 103.96 | ng | -0.01 |
| 78) Terphenyl-d14        | 19.96 | 244 | 10990031 | 90.99  | ng | -0.01 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.45  | 88  | 434721  | 34.974  | ng | # 100  |
| 3) Pyridine                    | 3.86  | 79  | 657858  | 17.283  | ng | # 83   |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 776721  | 39.963  | ng | # 71   |
| 8) 2-Chlorophenol              | 7.55  | 128 | 1649021 | 46.903  | ng | 90     |
| 9) Benzaldehyde                | 7.12  | 77  | 359636  | 14.961  | ng | 97     |
| 10) Phenol                     | 7.16  | 94  | 1805507 | 39.715  | ng | # 75   |
| 11) bis(2-Chloroethyl)ether    | 7.40  | 93  | 1893608 | 52.115  | ng | 87     |
| 12) 1,3-Dichlorobenzene        | 7.87  | 146 | 1598577 | 39.929  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 1645483 | 40.415  | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.34  | 146 | 1601994 | 40.652  | ng | 98     |
| 15) Benzyl Alcohol             | 8.22  | 79  | 927979  | 31.038  | ng | 99     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45  | 2701700 | 44.464  | ng | 92     |
| 17) 2-Methylphenol             | 8.42  | 107 | 1363594 | 46.843  | ng | 97     |
| 18) Hexachloroethane           | 9.07  | 117 | 563728  | 40.445  | ng | 94     |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 1339170 | 44.105  | ng | # 89   |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 1814289 | 44.921  | ng | 98     |
| 22) Acetophenone               | 8.81  | 105 | 2462757 | 46.057  | ng | # 91   |
| 24) Nitrobenzene               | 9.19  | 77  | 1837942 | 51.078  | ng | 93     |
| 25) Isophorone                 | 9.72  | 82  | 3489939 | 47.697  | ng | 94     |
| 26) 2-Nitrophenol              | 9.90  | 139 | 773093  | 49.190  | ng | # 82   |
| 27) 2,4-Dimethylphenol         | 9.95  | 122 | 1601403 | 46.938  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.19 | 93  | 2267103 | 45.405  | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.43 | 162 | 1563286 | 48.975  | ng | 97     |
| 30) 1,2,4-Trichlorobenzene     | 10.65 | 180 | 1521024 | 43.046  | ng | 98     |
| 31) Naphthalene                | 10.85 | 128 | 5165567 | 44.460  | ng | 100    |
| 32) Benzoic acid               | 10.08 | 122 | 739310  | 34.116  | ng | 99     |
| 34) Hexachlorobutadiene        | 11.12 | 225 | 829725  | 41.211  | ng | 99     |
| 35) Caprolactam                | 11.75 | 113 | 168993  | 14.701  | ng | # 68   |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107 | 1679982 | 44.811  | ng | 91     |
| 37) 2-Methylnaphthalene        | 12.45 | 142 | 3752590 | 46.404  | ng | 98     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.81 | 216 | 1631191 | 45.436  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237 | 1983203 | 120.502 | ng | 99     |
| 42) 2,4,6-Trichlorophenol      | 13.05 | 196 | 1148409 | 48.324  | ng | 99     |
| 43) 2,4,5-Trichlorophenol      | 13.12 | 196 | 1239695 | 51.364  | ng | # 91   |

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 ALS Vial : 8 Sample Multiplier: 1

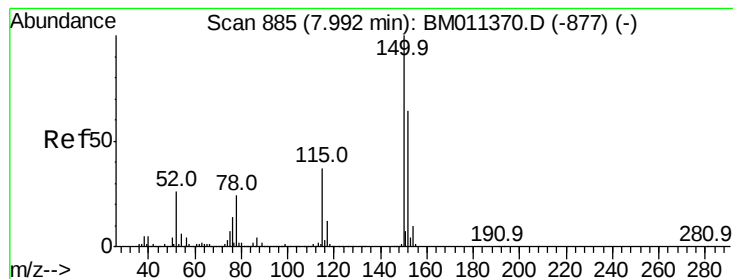
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

Quant Time: Sep 06 07:49:27 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 45) 1,1'-Biphenyl              | 13.45 | 154  | 4679093  | 44.180  | nq    | 98       |
| 46) 2-Chloronaphthalene        | 13.49 | 162  | 3521695  | 44.762  | nq    | 95       |
| 47) 2-Nitroaniline             | 13.69 | 65   | 1243334  | 49.602  | nq    | # 79     |
| 48) Acenaphthylene             | 14.34 | 152  | 5691509  | 46.428  | nq    | 100      |
| 49) Dimethylphthalate          | 14.07 | 163  | 4453266  | 46.978  | nq    | 100      |
| 50) 2,6-Dinitrotoluene         | 14.19 | 165  | 923519   | 51.452  | nq    | 91       |
| 51) Acenaphthene               | 14.68 | 154  | 3553466  | 44.640  | nq    | 100      |
| 52) 3-Nitroaniline             | 14.53 | 138  | 999408   | 42.867  | nq    | 86       |
| 53) 2,4-Dinitrophenol          | 14.72 | 184  | 951390   | 103.175 | nq    | 91       |
| 54) Dibenzofuran               | 15.01 | 168  | 5487011  | 49.989  | nq    | 96       |
| 55) 4-Nitrophenol              | 14.82 | 139  | 1503344  | 82.857  | nq    | # 50     |
| 56) 2,4-Dinitrotoluene         | 14.97 | 165  | 1259202  | 49.491  | nq    | 85       |
| 57) Fluorene                   | 15.66 | 166  | 4549780  | 47.545  | nq    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 1079274  | 55.262  | nq    | # 100    |
| 59) Diethylphthalate           | 15.43 | 149  | 4583248  | 46.926  | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.65 | 204  | 2119085  | 47.475  | nq    | 96       |
| 61) 4-Nitroaniline             | 15.68 | 138  | 1118097  | 46.134  | nq    | 84       |
| 62) Azobenzene                 | 15.95 | 77   | 4560662  | 51.812  | nq    | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 605716   | 56.054  | nq    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.86 | 169  | 3829200  | 46.639  | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.55 | 248  | 1286490  | 46.940  | nq    | # 92     |
| 67) Hexachlorobenzene          | 16.66 | 284  | 1389487  | 43.201  | nq    | # 87     |
| 68) Atrazine                   | 16.82 | 200  | 1179424  | 49.014  | nq    | 97       |
| 69) Pentachlorophenol          | 17.00 | 266  | 1819550  | 103.050 | nq    | 99       |
| 70) Phenanthrene               | 17.40 | 178  | 7135469  | 49.174  | nq    | 97       |
| 71) Anthracene                 | 17.49 | 178  | 7139041  | 48.927  | nq    | 99       |
| 72) Carbazole                  | 17.76 | 167  | 6800828  | 48.365  | nq    | 99       |
| 73) Di-n-butylphthalate        | 18.31 | 149  | 8095907  | 49.557  | nq    | 100      |
| 74) Fluoranthene               | 19.40 | 202  | 8047957  | 48.607  | nq    | 95       |
| 76) Benzidine                  | 19.59 | 184  | 2017472  | 34.109  | nq    | 100      |
| 77) Pyrene                     | 19.76 | 202  | 8495084  | 46.259  | nq    | 98       |
| 79) Butylbenzylphthalate       | 20.64 | 149  | 3869181  | 47.692  | nq    | 90       |
| 80) Benzo(a)anthracene         | 21.50 | 228  | 8006292  | 47.766  | nq    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.43 | 252  | 2598442  | 40.834  | nq    | 100      |
| 82) Chrysene                   | 21.56 | 228  | 7478270  | 47.336  | nq    | 98       |
| 83) Bis(2-ethylhexyl)phthalate | 21.42 | 149  | 5741165  | 48.270  | nq    | 99       |
| 84) Di-n-octyl phthalate       | 22.33 | 149  | 9925966  | 49.506  | nq    | # 95     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.34 | 276  | 7189225  | 48.784  | nq    | # 89     |
| 87) Benzo(b)fluoranthene       | 23.17 | 252  | 7844662  | 49.191  | nq    | 98       |
| 88) Benzo(k)fluoranthene       | 23.23 | 252  | 7573015  | 49.530  | nq    | 97       |
| 89) Benzo(a)pyrene             | 23.79 | 252  | 7234182  | 50.295  | nq    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 26.36 | 278  | 5973848  | 48.530  | nq    | 99       |
| 91) Benzo(g,h,i)perylene       | 27.10 | 276  | 5654099  | 47.528  | nq    | 99       |

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



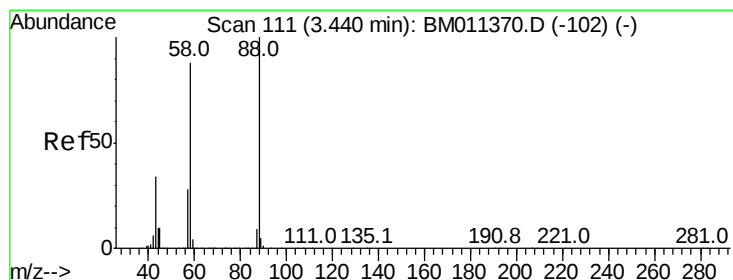
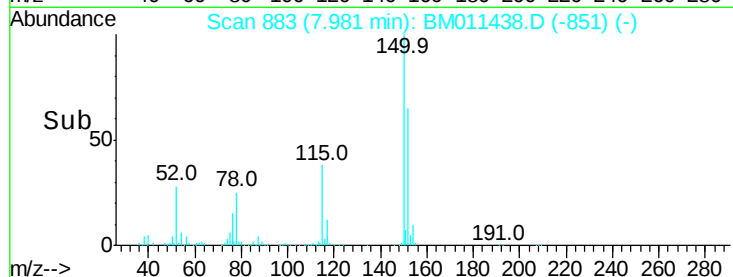
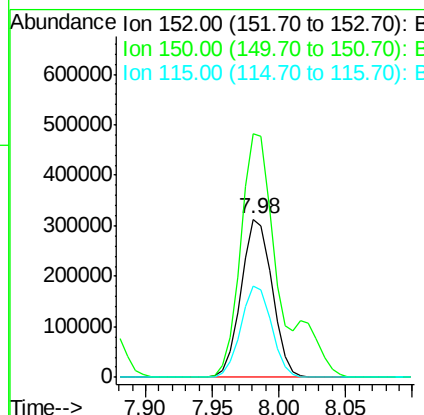
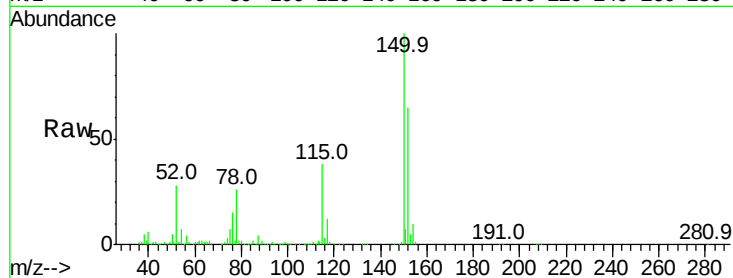


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Instrument :  
BNA\_M  
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72-11948MSD

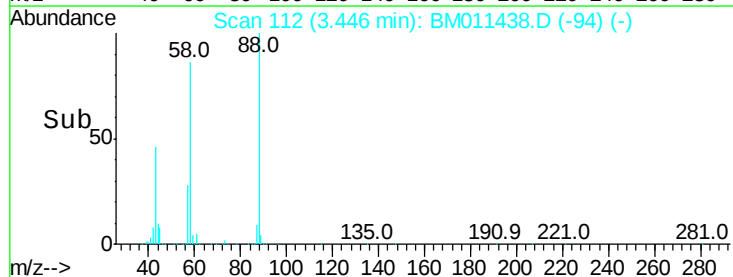
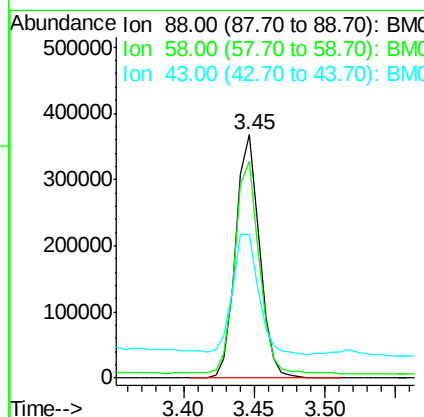
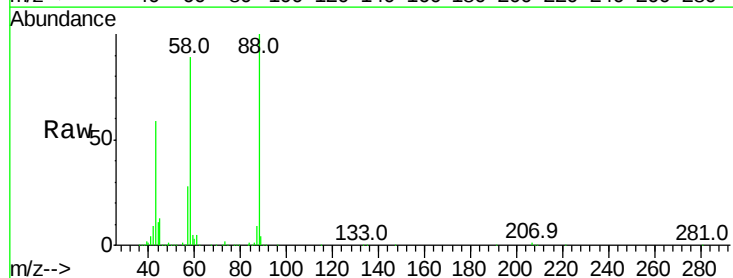
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 150     | 153.8 | 119.5 | 179.3 |
| 115     | 57.9  | 43.0  | 64.4  |

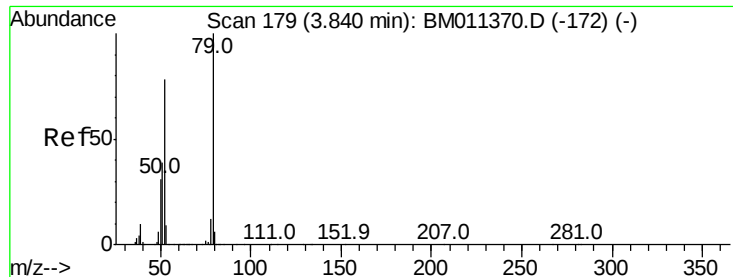


#2

1,4-Dioxane  
Concen: 34.974 ng  
RT: 3.45 min Scan# 112  
Delta R.T. 0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 58      | 89.1  | 0.0   | 0.0#  |
| 43      | 54.3  | 0.0   | 0.0#  |





#3

Pvridine

Concen: 17.283 ng

RT: 3.86 min Scan# 183

Delta R.T. 0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

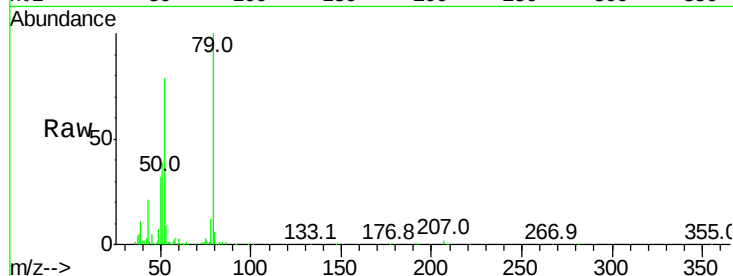
Tot Ion: 79 Resp: 657858

Ion Ratio Lower Upper

79 100

52 79.4 51.1 76.7#

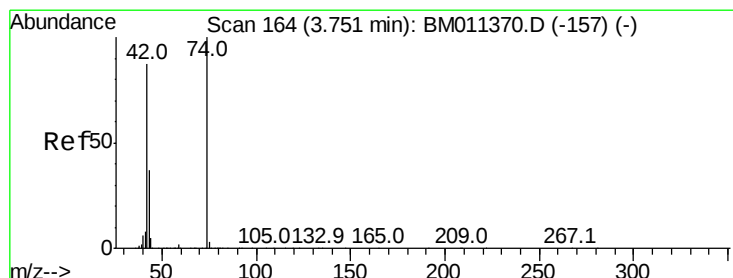
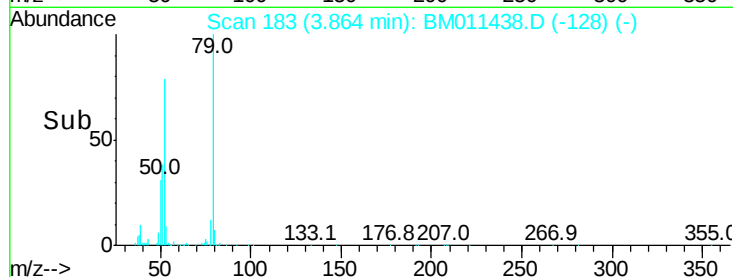
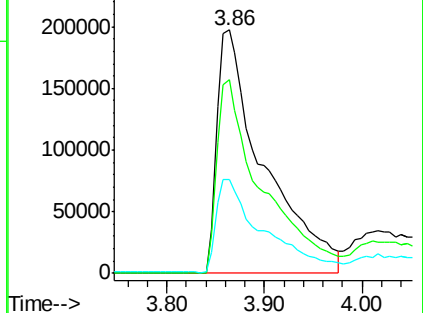
51 38.8 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM011370.D (-172) (-)

Ion 52.00 (51.70 to 52.70): BM011370.D (-172) (-)

Ion 51.00 (50.70 to 51.70): BM011370.D (-172) (-)



#4

n-Nitrosodimethylamine

Concen: 39.963 ng

RT: 3.75 min Scan# 163

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

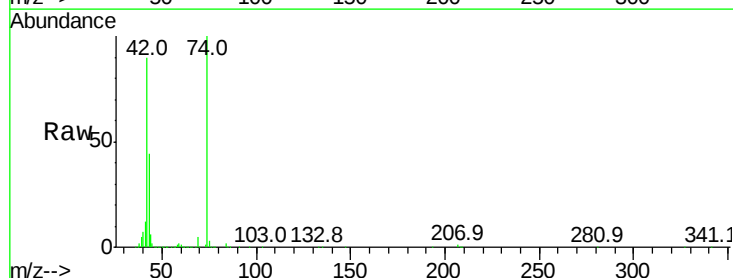
Tgt Ion: 42 Resp: 776721

Ion Ratio Lower Upper

42 100

74 111.1 119.3 178.9#

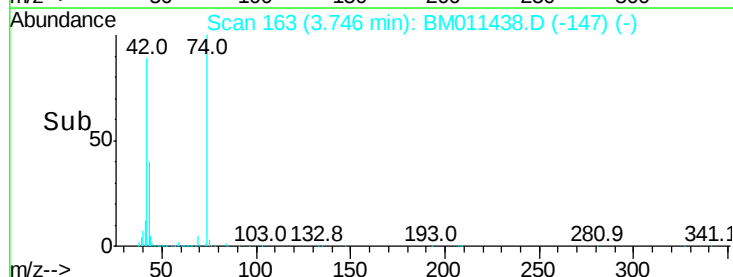
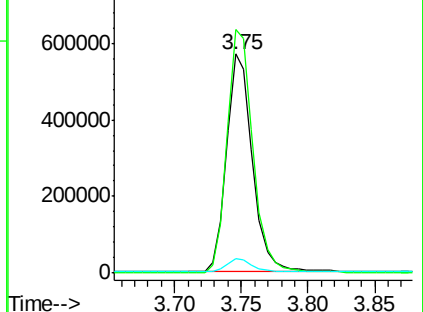
44 6.7 5.4 8.2

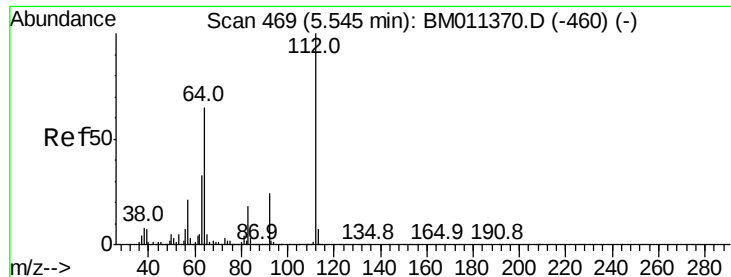


Abundance Ion 42.00 (41.70 to 42.70): BM011370.D (-157) (-)

Ion 74.00 (73.70 to 74.70): BM011370.D (-157) (-)

Ion 44.00 (43.70 to 44.70): BM011370.D (-157) (-)





#5

2-Fluorophenol

Concen: 148.848 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

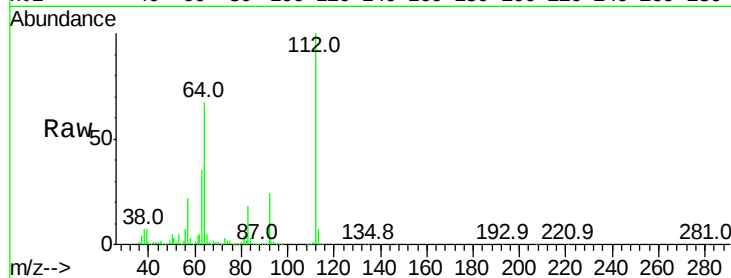
Tot Ion:112 Resp: 4439051

Ion Ratio Lower Upper

112 100

64 67.3 38.6 57.8#

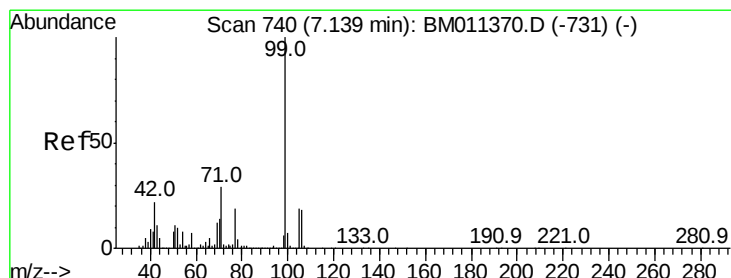
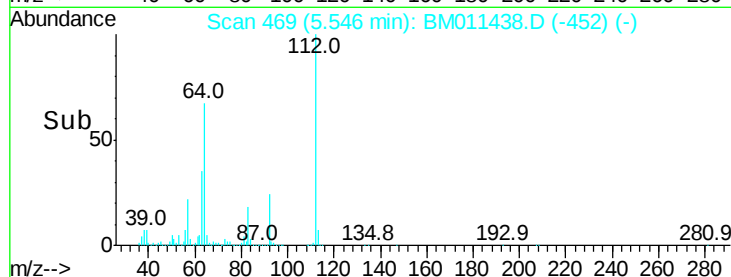
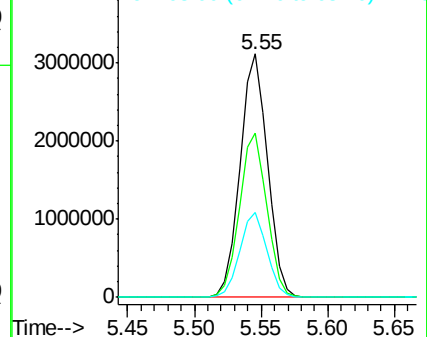
63 35.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#7

Phenol-d6

Concen: 126.754 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

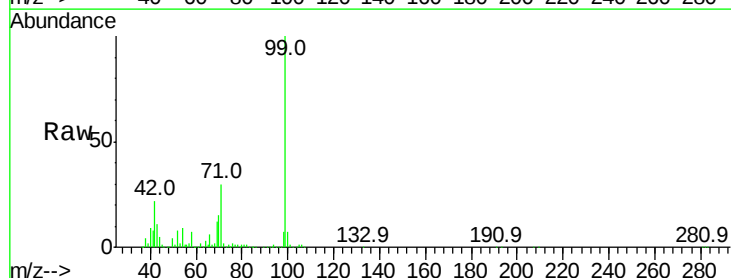
Tgt Ion: 99 Resp: 5241647

Ion Ratio Lower Upper

99 100

42 22.4 11.0 16.4#

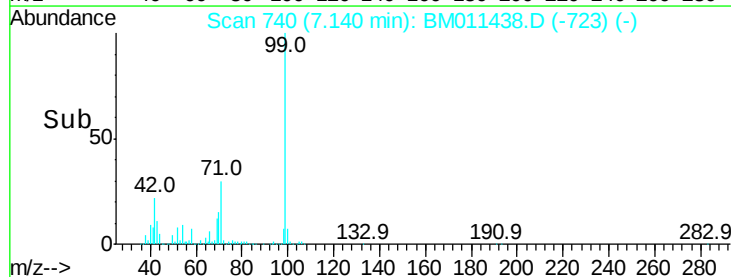
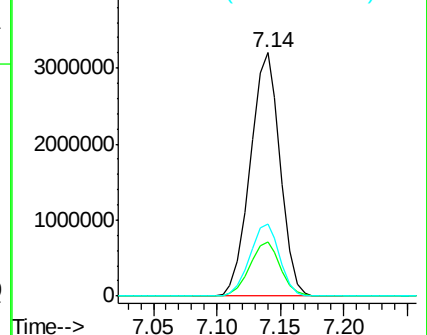
71 29.7 23.4 35.2

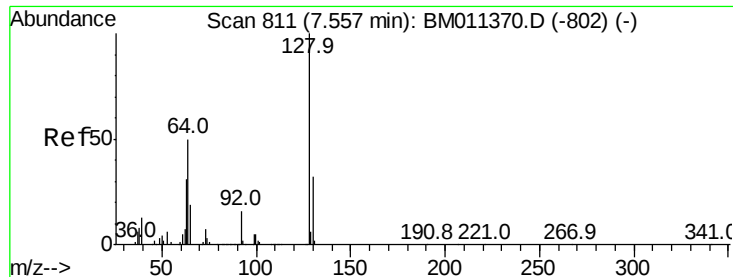


Abundance Ion 99.00 (98.70 to 99.70): B

Ion 42.00 (41.70 to 42.70): B

Ion 71.00 (70.70 to 71.70): B





#8

2-Chlorophenol

Concen: 46.903 ng

RT: 7.55 min Scan# 809

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

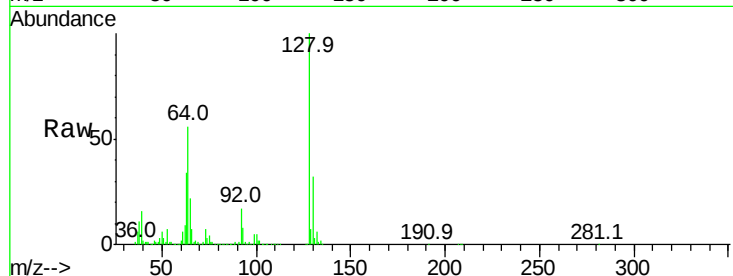
Tot Ion:128 Resp: 1649021

Ion Ratio Lower Upper

128 100

130 32.0 12.0 52.0

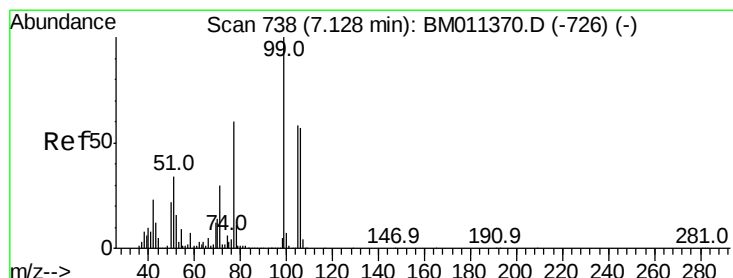
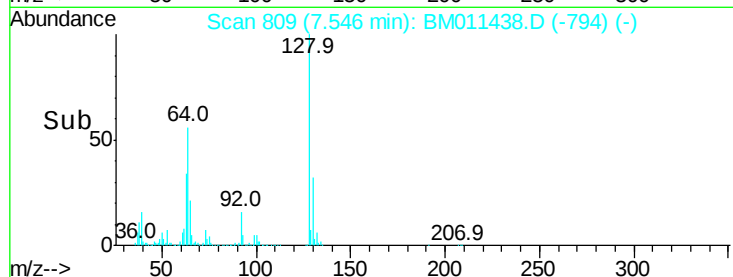
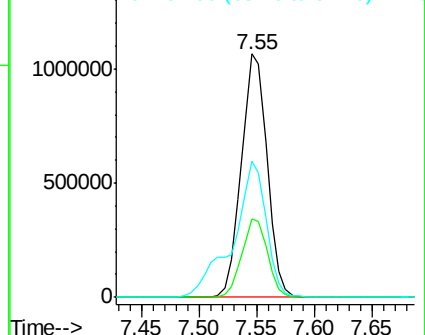
64 56.1 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BM



#9

Benzaldehyde

Concen: 14.961 ng

RT: 7.12 min Scan# 737

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

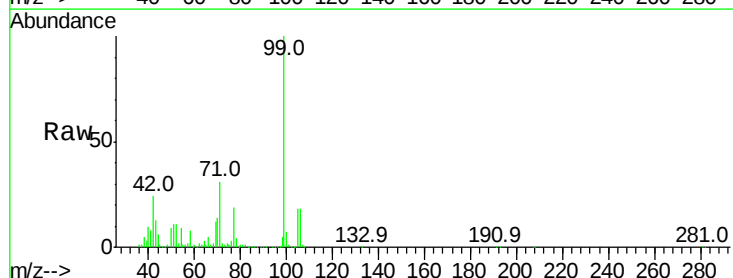
Tgt Ion: 77 Resp: 359636

Ion Ratio Lower Upper

77 100

105 95.4 78.8 118.8

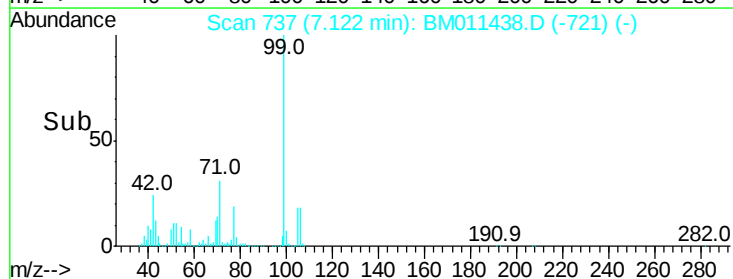
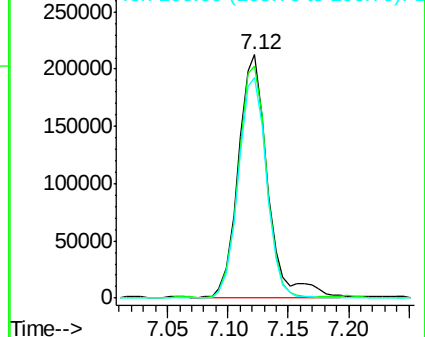
106 90.8 73.7 113.7

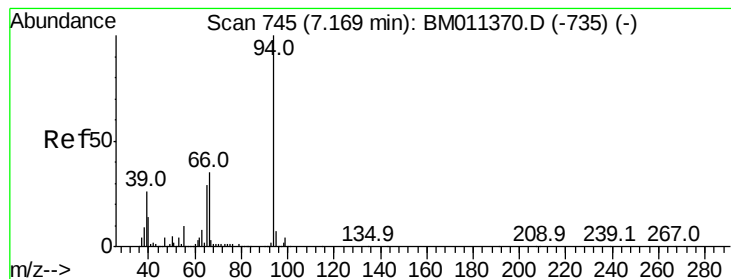


Abundance Ion 77.00 (76.70 to 77.70): BM

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 39.715 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

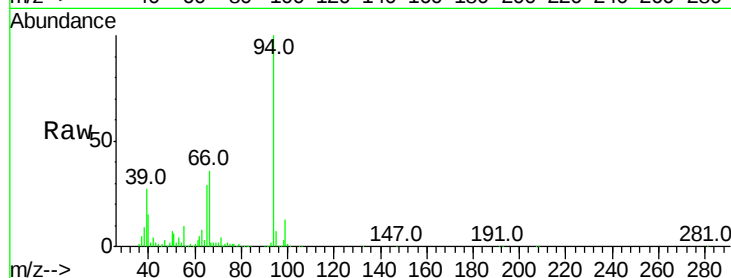
BNA\_M

ClientSampleId :

72-11948MSD

Tot Ion: 94 Resp: 1805507

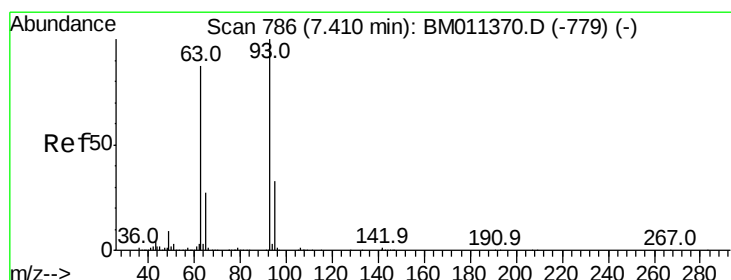
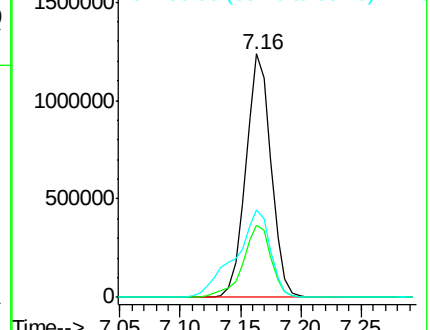
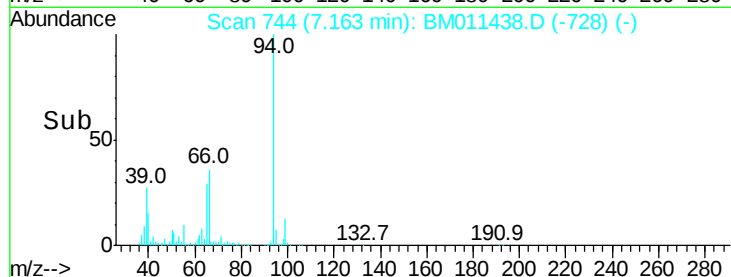
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 94  | 100   |       |       |
| 65  | 29.4  | 18.8  | 58.8  |
| 66  | 35.8  | 39.9  | 79.9# |



Abundance Ion 94.00 (93.70 to 94.70): BM011438.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM011438.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM011438.D (-728) (-)



#11

bis(2-Chloroethyl)ether

Concen: 52.115 ng

RT: 7.40 min Scan# 785

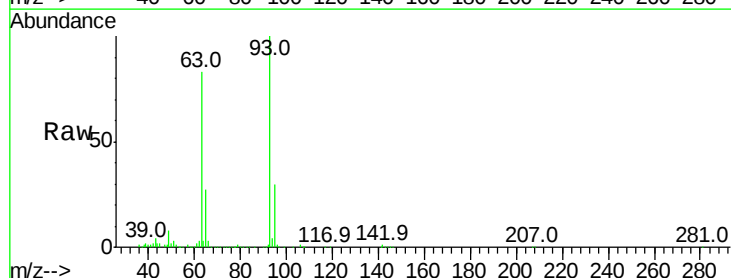
Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion: 93 Resp: 1893608

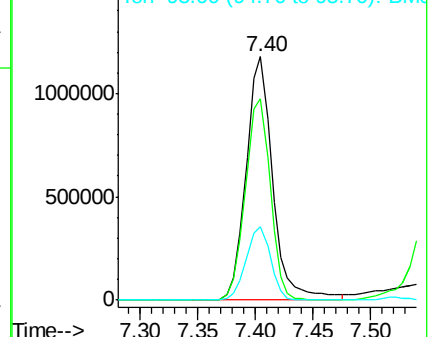
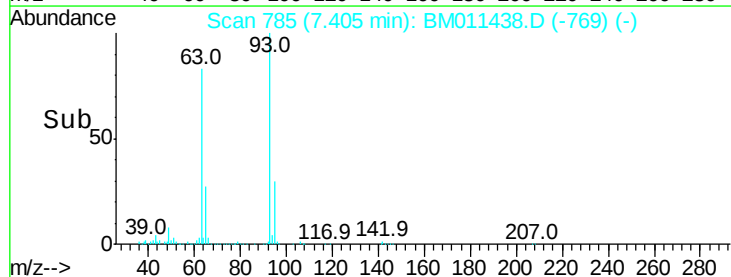
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 82.9  | 49.5  | 89.5  |
| 95  | 30.0  | 13.5  | 53.5  |

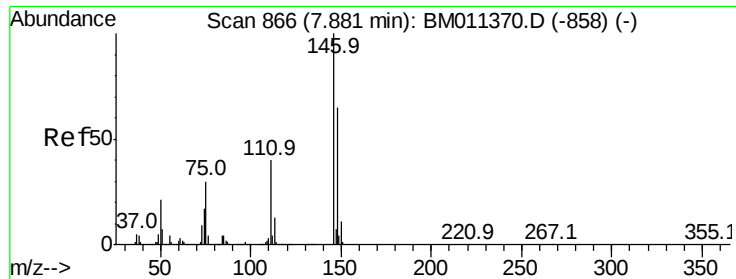


Abundance Ion 93.00 (92.70 to 93.70): BM011438.D (-769) (-)

Ion 63.00 (62.70 to 63.70): BM011438.D (-769) (-)

Ion 95.00 (94.70 to 95.70): BM011438.D (-769) (-)





#12

1,3-Dichlorobenzene

Concen: 39.929 ng

RT: 7.87 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

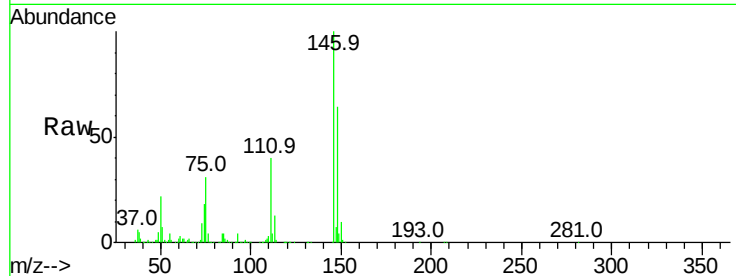
Tot Ion:146 Resp: 1598577

Ion Ratio Lower Upper

146 100

148 64.4 50.9 76.3

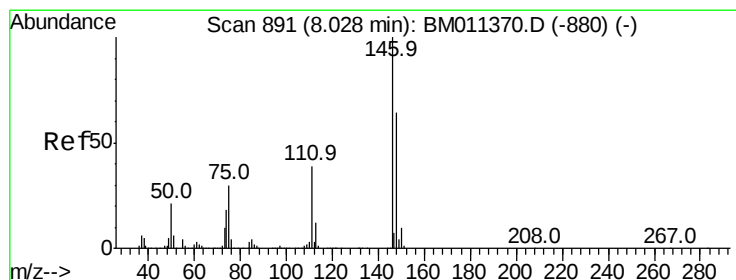
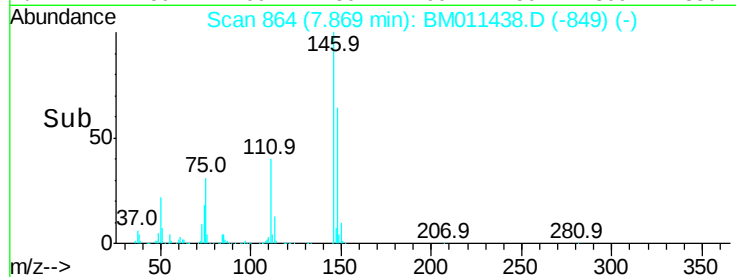
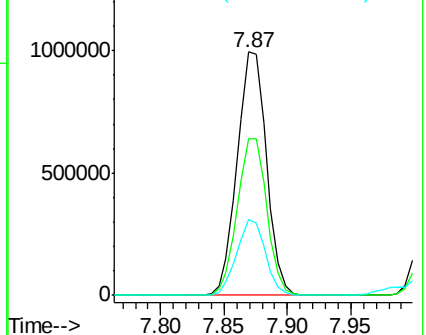
75 31.0 21.4 32.2



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BM



#13

1,4-Dichlorobenzene

Concen: 40.415 ng

RT: 8.02 min Scan# 890

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

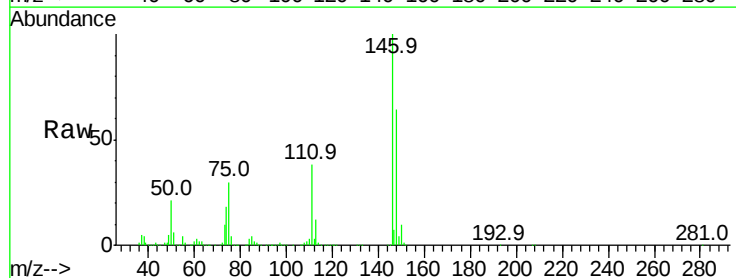
Tgt Ion:146 Resp: 1645483

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

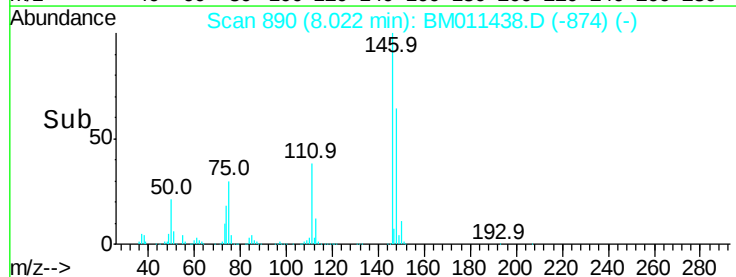
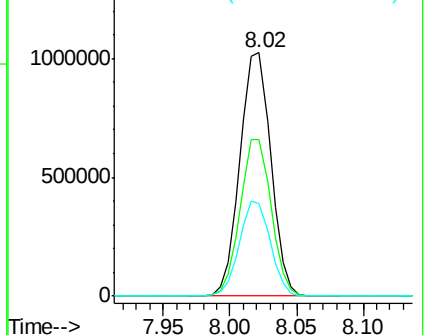
111 38.2 29.2 43.8

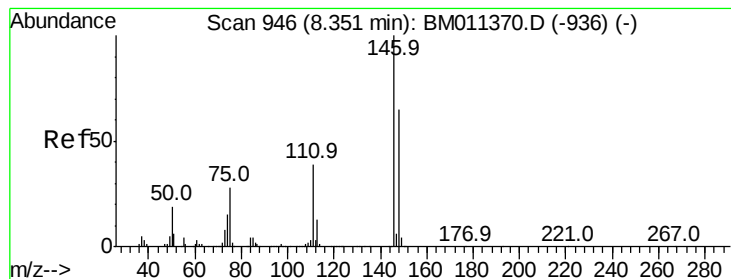


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#14

1,2-Dichlorobenzene

Concen: 40.652 ng

RT: 8.34 min Scan# 944

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

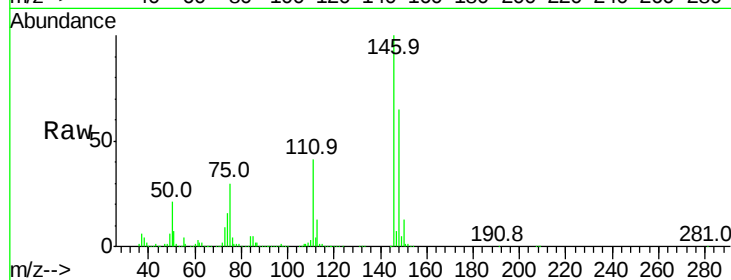
Tot Ion:146 Resp: 1601994

Ion Ratio Lower Upper

146 100

148 64.6 52.3 78.5

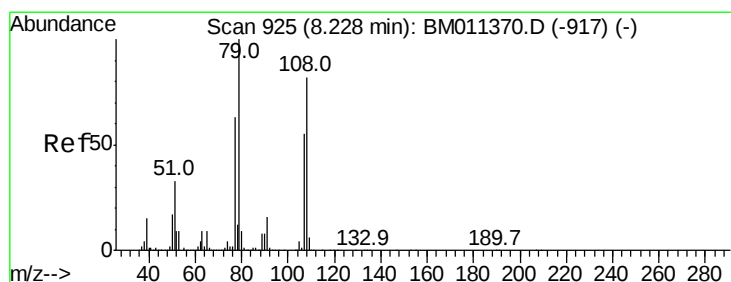
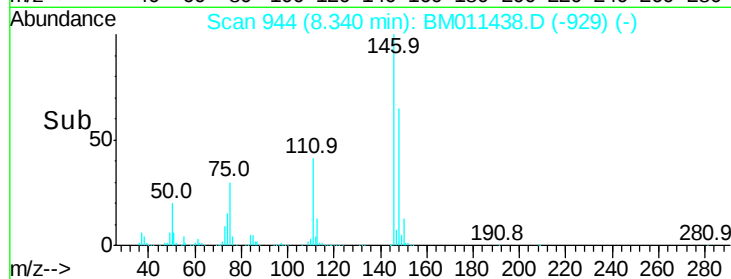
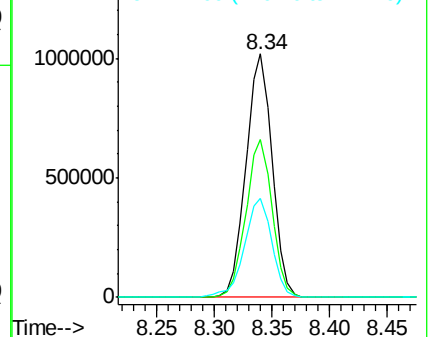
111 40.5 30.6 45.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#15

Benzyl Alcohol

Concen: 31.038 ng

RT: 8.22 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

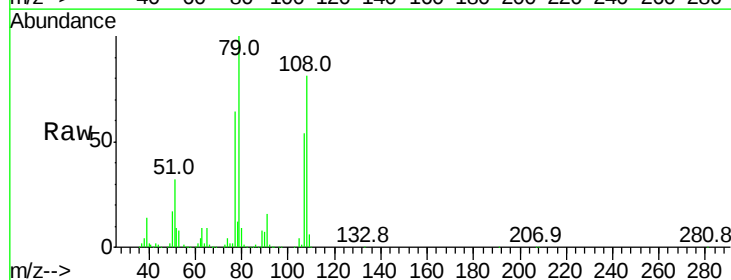
Tgt Ion: 79 Resp: 927979

Ion Ratio Lower Upper

79 100

108 80.8 65.0 97.4

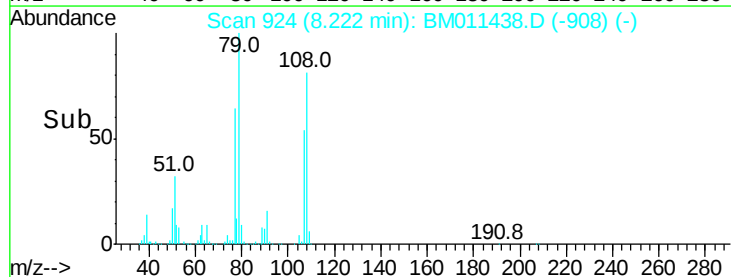
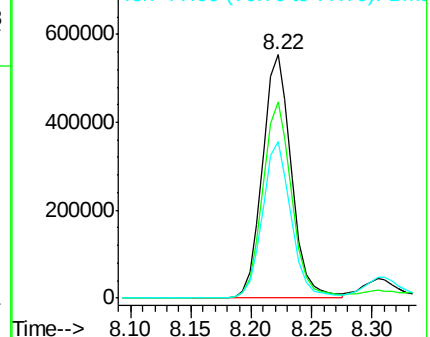
77 64.3 53.0 79.6

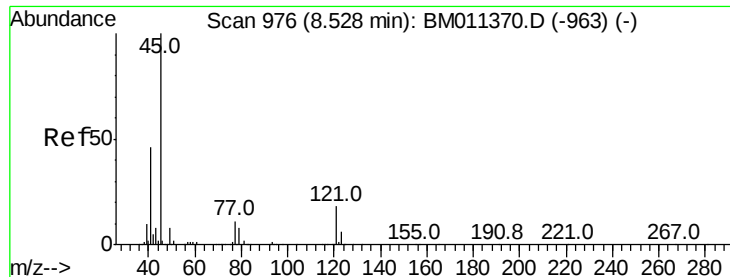


Abundance Ion 79.00 (78.70 to 79.70): BM0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

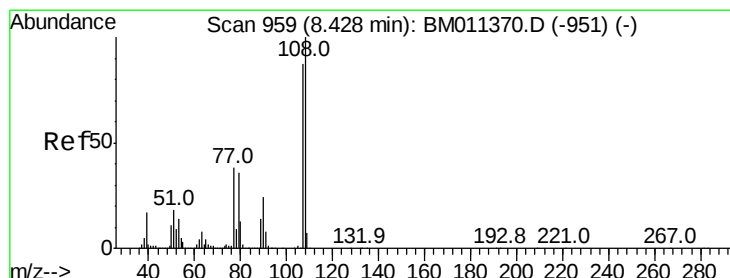
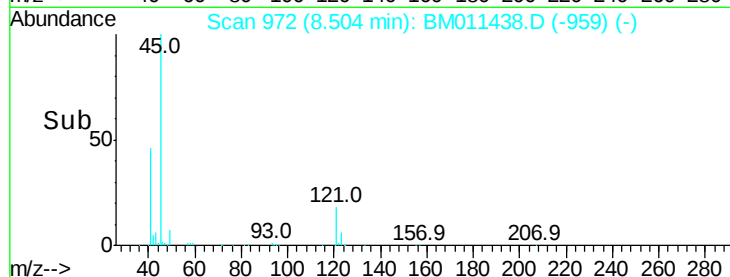
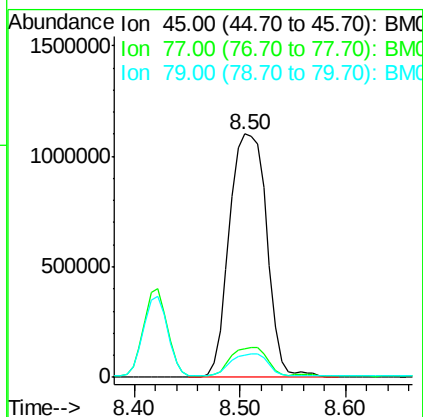
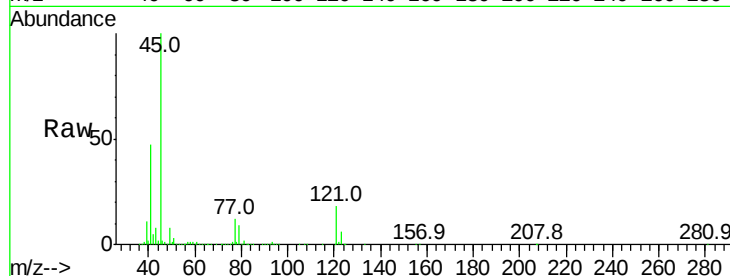




#16  
2,2'-oxvbis(1-Chloropropane)  
Concen: 44.464 ng  
RT: 8.50 min Scan# 972  
Delta R.T. -0.02 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

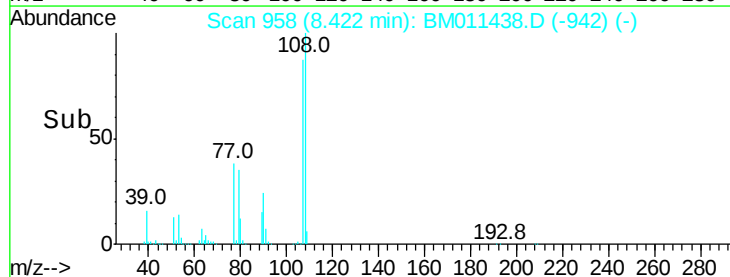
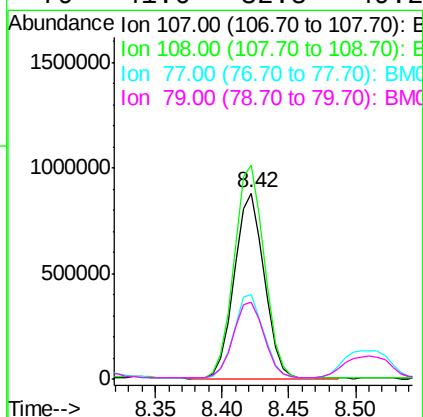
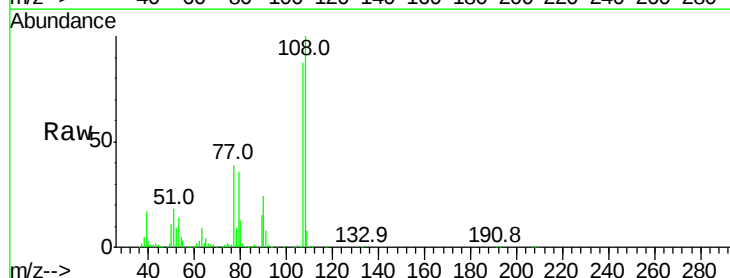
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

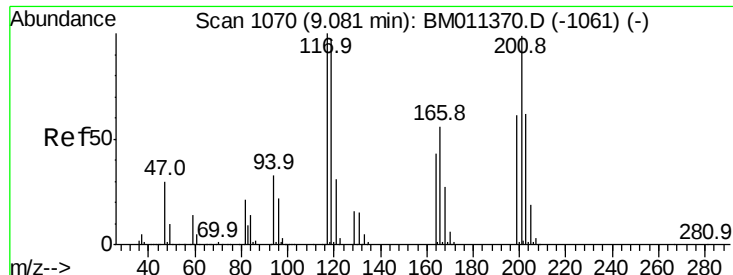
Tot Ion: 45 Resp: 2701700  
Ion Ratio Lower Upper  
45 100  
77 11.9 0.0 35.2  
79 9.2 0.0 32.0



#17  
2-Methylphenol  
Concen: 46.843 ng  
RT: 8.42 min Scan# 958  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion: 107 Resp: 1363594  
Ion Ratio Lower Upper  
107 100  
108 115.0 89.8 134.8  
77 45.4 32.6 48.8  
79 41.6 32.8 49.2





#18

Hexachloroethane

Concen: 40.445 ng

RT: 9.07 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

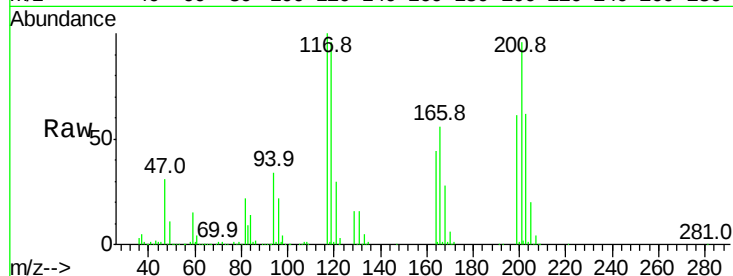
Tot Ion:117 Resp: 563728

Ion Ratio Lower Upper

117 100

119 95.6 79.2 118.8

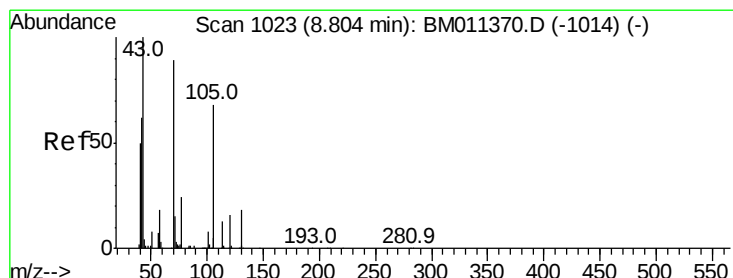
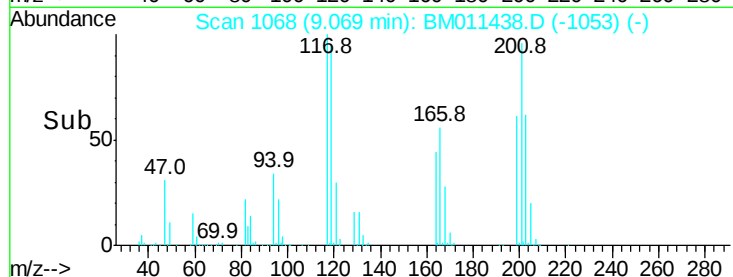
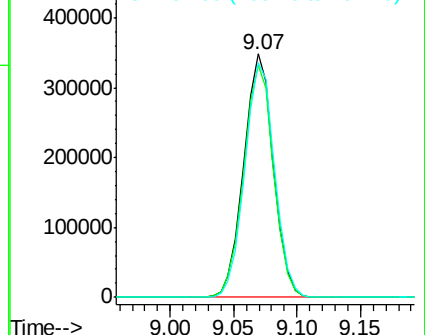
201 96.1 69.8 104.6



Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 44.105 ng

RT: 8.79 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion: 70 Resp: 1339170

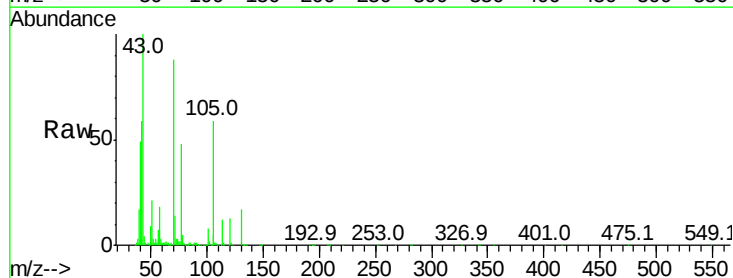
Ion Ratio Lower Upper

70 100

42 67.7 44.5 66.7#

101 8.7 7.4 11.2

130 19.1 15.3 22.9

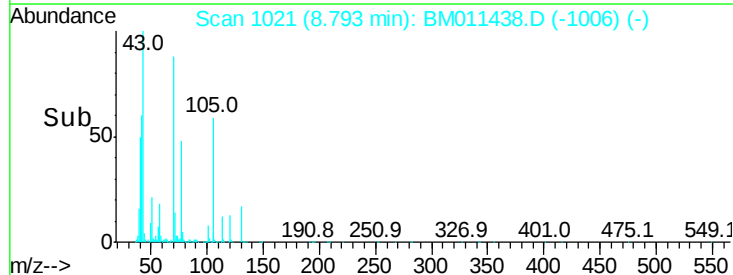
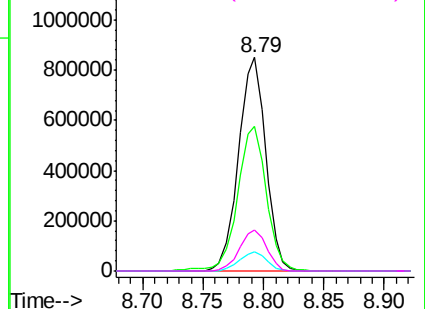


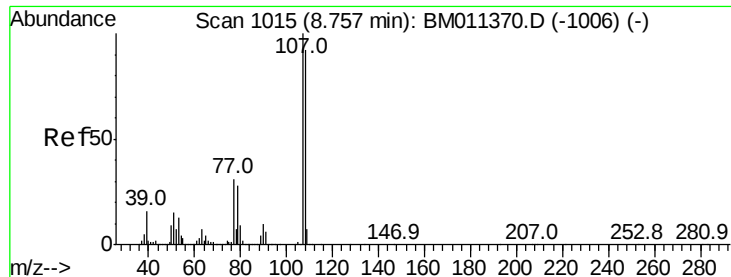
Abundance Ion 70.00 (69.70 to 70.70): BM0

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

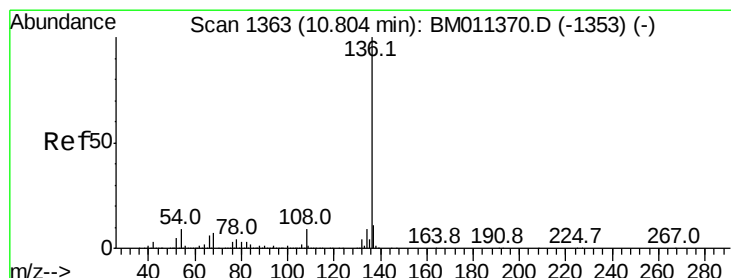
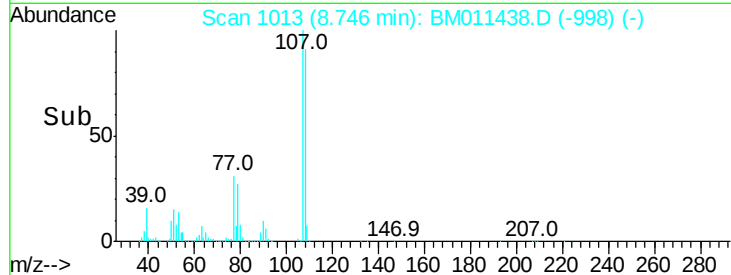
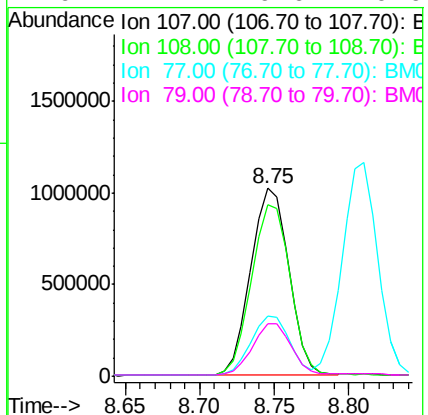
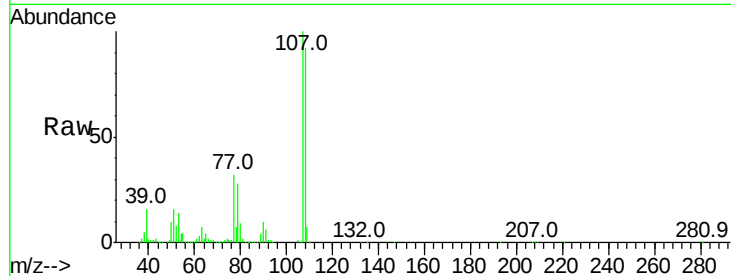




#20  
3+4-Methylphenols  
Concen: 44.921 ng  
RT: 8.75 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

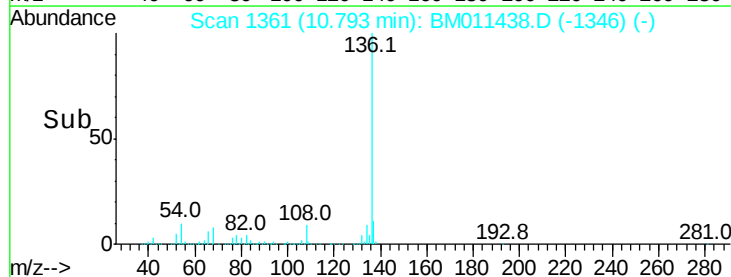
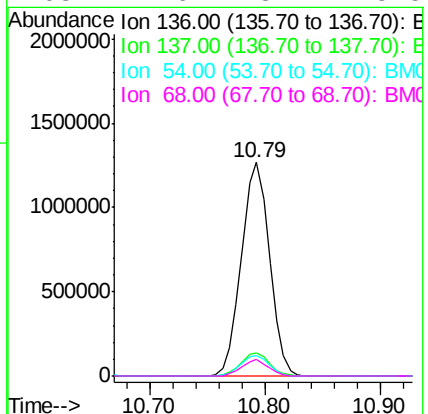
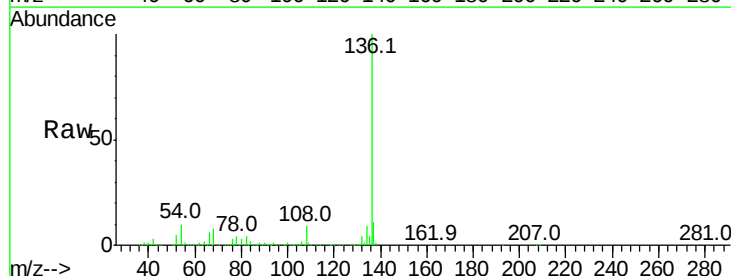
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

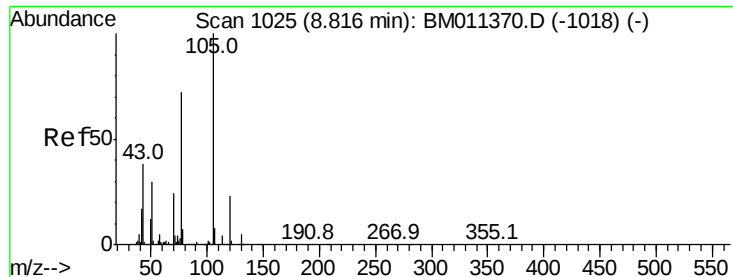
Tot Ion:107 Resp: 1814289  
Ion Ratio Lower Upper  
107 100  
108 91.6 73.2 113.2  
77 31.8 10.7 50.7  
79 27.7 9.6 49.6



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.79 min Scan# 1361  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:136 Resp: 2151923  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 9.7 4.6 6.8#  
68 7.6 3.7 5.5#





#22

Acetophenone

Concen: 46.057 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

Tot Ion:105 Resp: 2462757

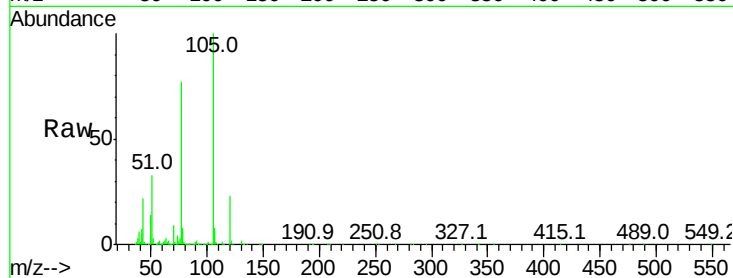
Ion Ratio Lower Upper

105 100

71 1.5 0.6 1.0#

51 32.5 21.6 32.4#

120 23.4 16.1 24.1

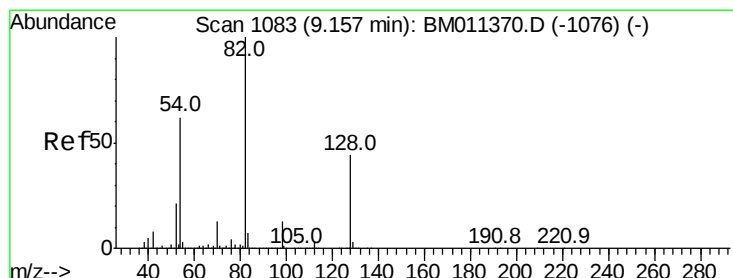
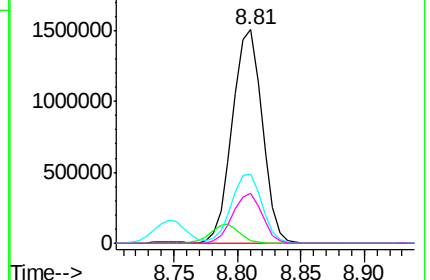
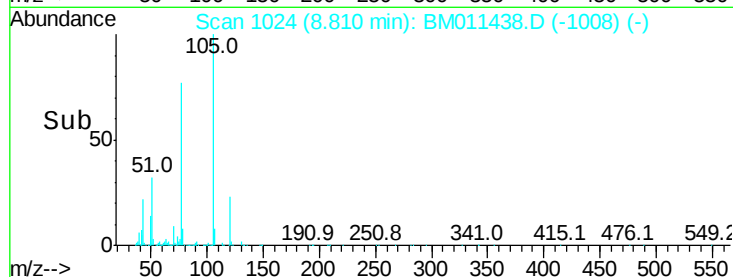


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 111.543 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

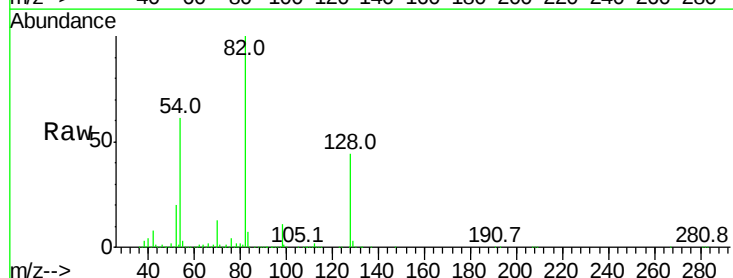
Tgt Ion: 82 Resp: 3642463

Ion Ratio Lower Upper

82 100

128 44.3 32.8 49.2

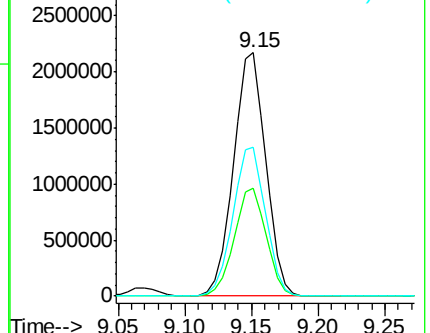
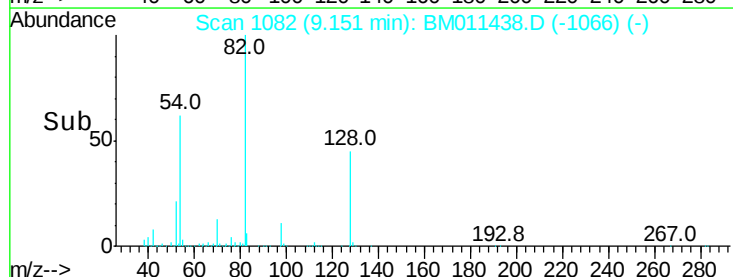
54 61.2 40.6 60.8#

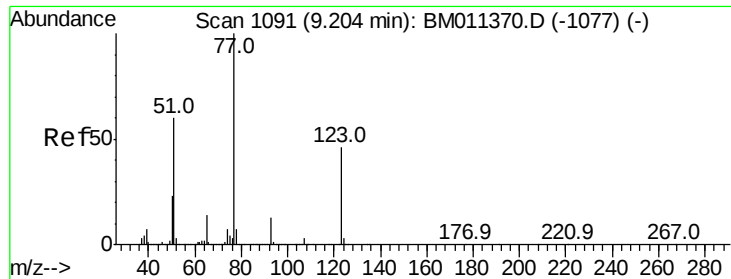


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0





#24

Nitrobenzene

Concen: 51.078 ng

RT: 9.19 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

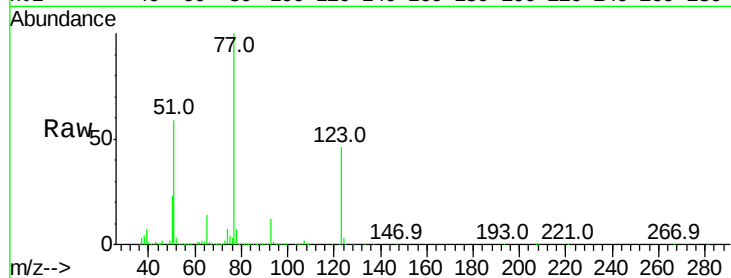
Tot Ion: 77 Resp: 1837942

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 77  | 100   |       |       |
| 123 | 45.9  | 32.6  | 49.0  |
| 65  | 14.3  | 10.9  | 16.3  |

77 100

123 45.9 32.6 49.0

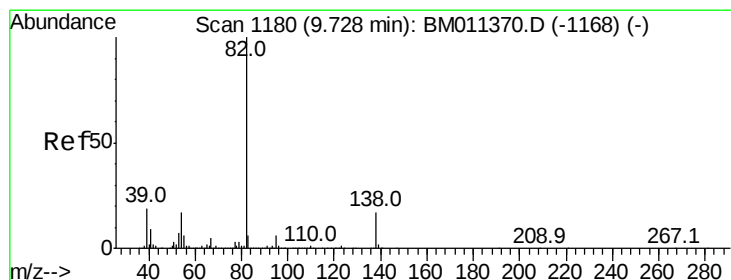
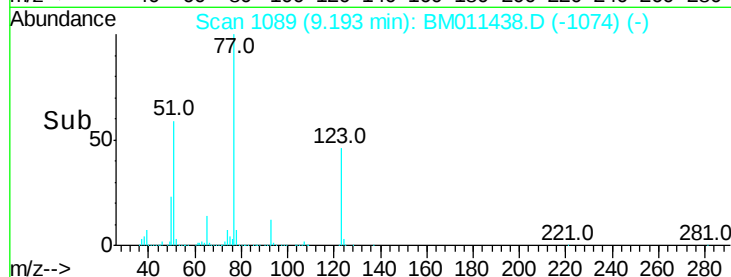
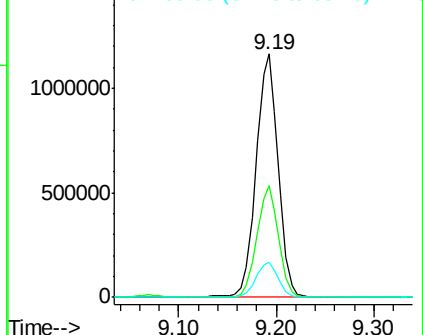
65 14.3 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BM011438.D (-1077) (-)

Ion 123.00 (122.70 to 123.70): BM011438.D (-1077) (-)

Ion 65.00 (64.70 to 65.70): BM011438.D (-1077) (-)



#25

Isophorone

Concen: 47.697 ng

RT: 9.72 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

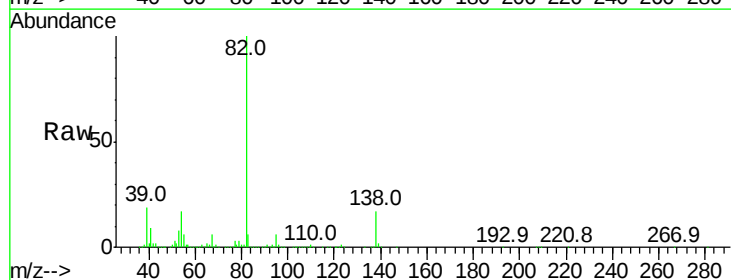
Tgt Ion: 82 Resp: 3489939

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 82  | 100   |       |       |
| 95  | 6.2   | 5.8   | 8.6   |
| 138 | 16.9  | 16.3  | 24.5  |

82 100

95 6.2 5.8 8.6

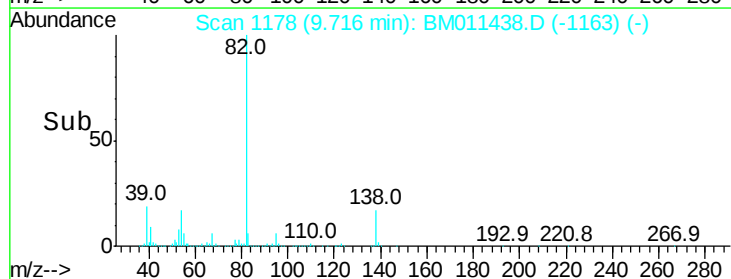
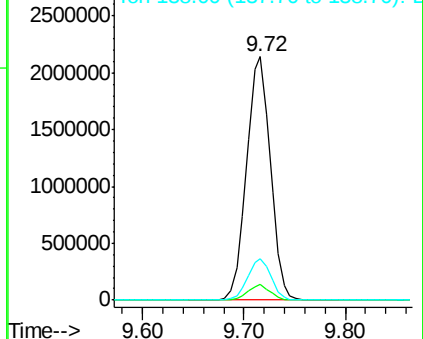
138 16.9 16.3 24.5

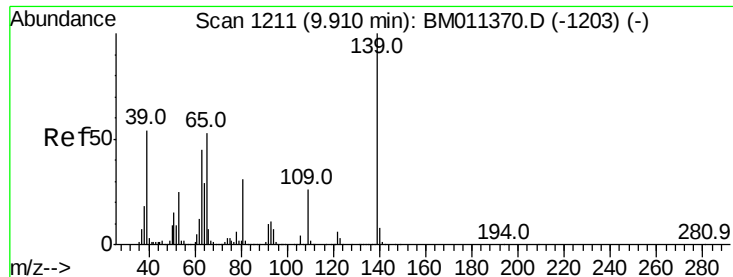


Abundance Ion 82.00 (81.70 to 82.70): BM011438.D (-1163) (-)

Ion 95.00 (94.70 to 95.70): BM011438.D (-1163) (-)

Ion 138.00 (137.70 to 138.70): BM011438.D (-1163) (-)

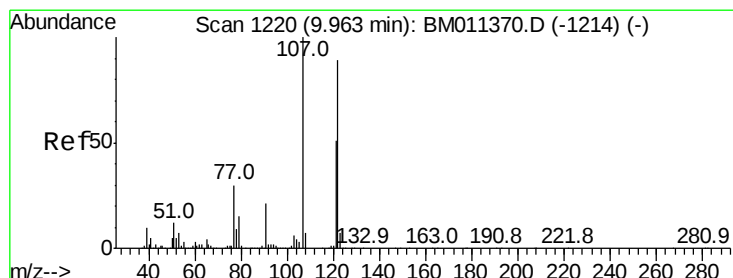
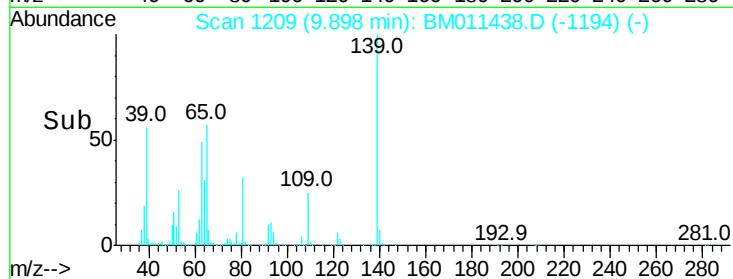
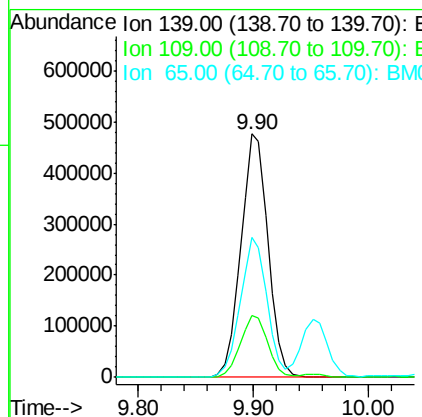
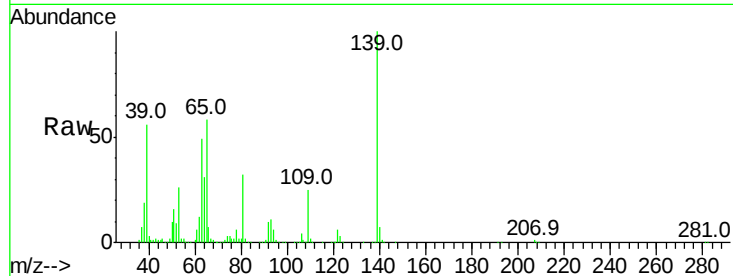




#26  
2-Nitrophenol  
Concen: 49.190 ng  
RT: 9.90 min Scan# 1209  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

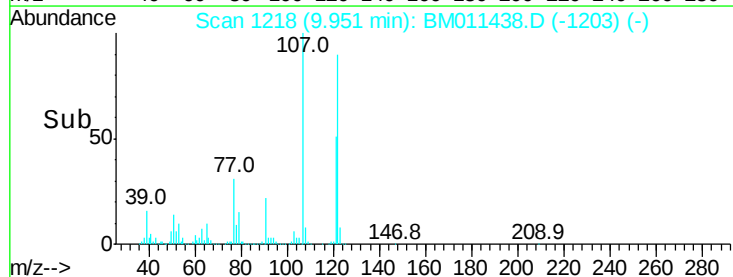
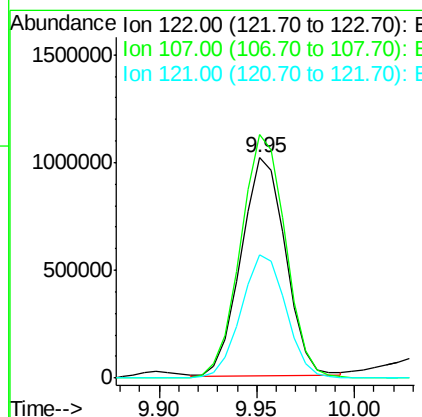
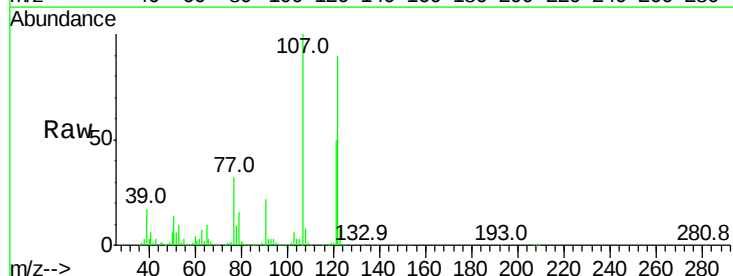
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

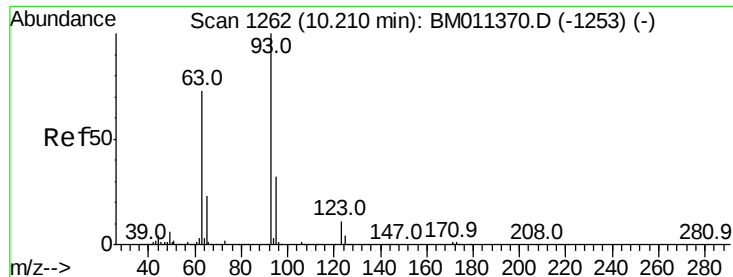
Tot Ion:139 Resp: 773093  
Ion Ratio Lower Upper  
139 100  
109 25.2 20.1 30.1  
65 57.7 31.5 47.3#



#27  
2,4-Dimethylphenol  
Concen: 46.938 ng  
RT: 9.95 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:122 Resp: 1601403  
Ion Ratio Lower Upper  
122 100  
107 110.7 84.7 127.1  
121 55.9 46.6 69.8

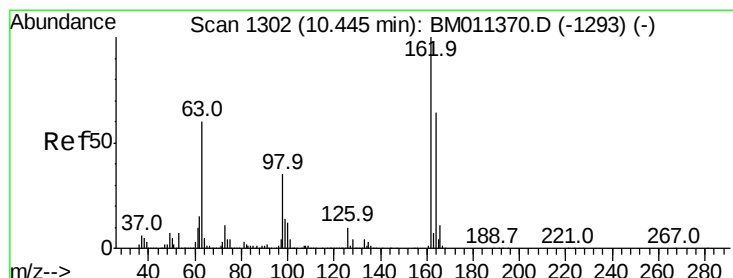
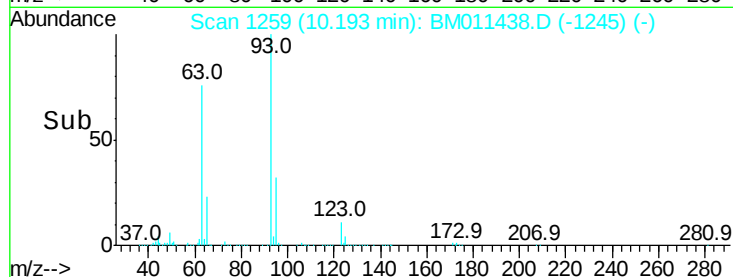
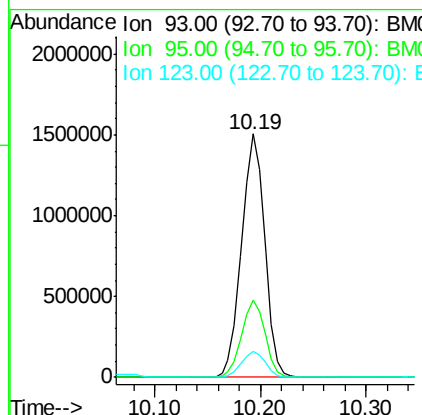
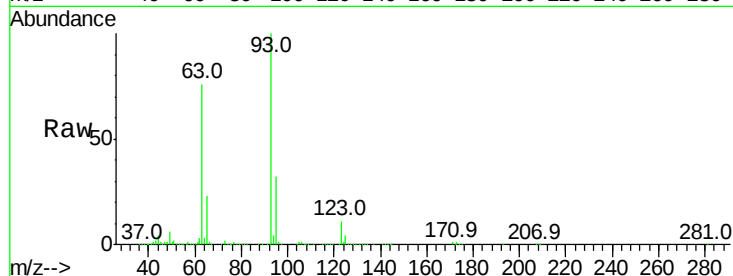




#28  
bis(2-Chloroethoxy)methane  
Concen: 45.405 ng  
RT: 10.19 min Scan# 1259  
Delta R.T. -0.02 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

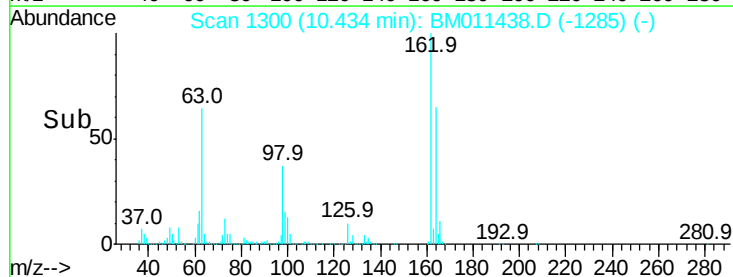
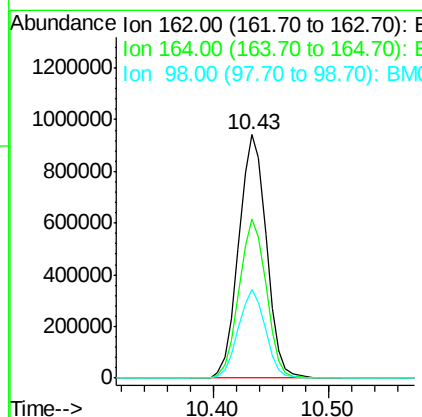
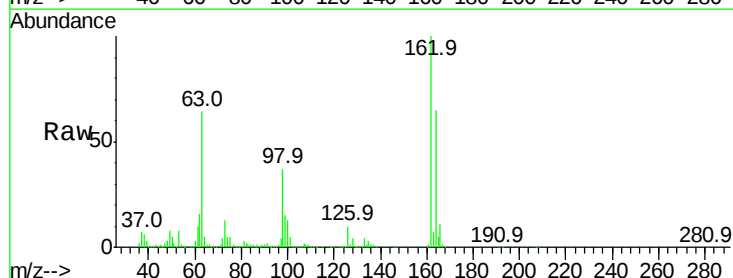
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

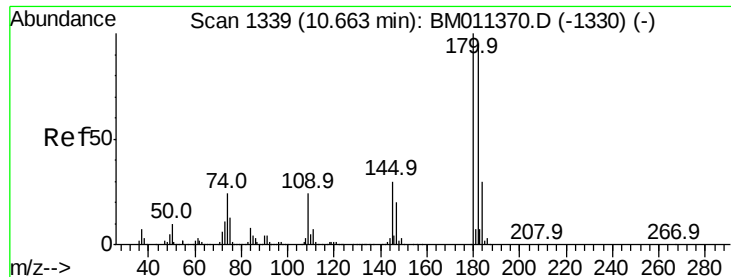
Tot Ion: 93 Resp: 2267103  
Ion Ratio Lower Upper  
93 100  
95 31.8 25.5 38.3  
123 10.9 8.6 13.0



#29  
2,4-Dichlorophenol  
Concen: 48.975 ng  
RT: 10.43 min Scan# 1300  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion: 162 Resp: 1563286  
Ion Ratio Lower Upper  
162 100  
164 65.1 42.8 82.8  
98 36.5 14.5 54.5





#30

1,2,4-Trichlorobenzene

Concen: 43.046 ng

RT: 10.65 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

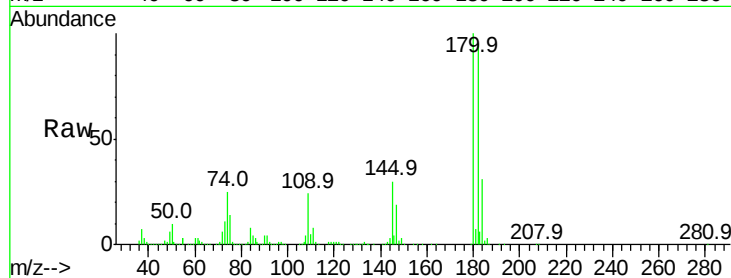
Tot Ion:180 Resp: 1521024

Ion Ratio Lower Upper

180 100

182 95.4 77.6 116.4

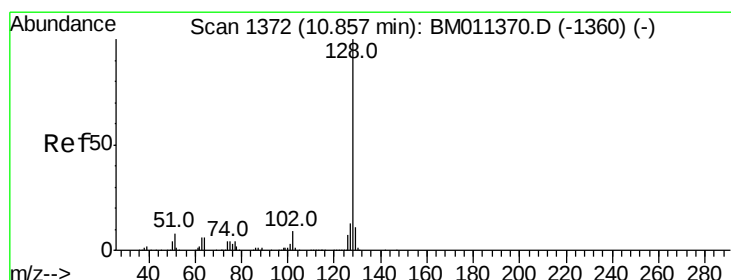
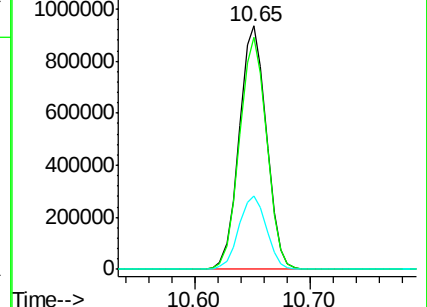
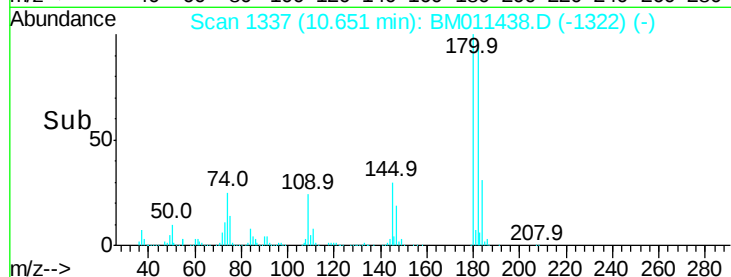
145 30.1 23.4 35.2



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 44.460 ng

RT: 10.85 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

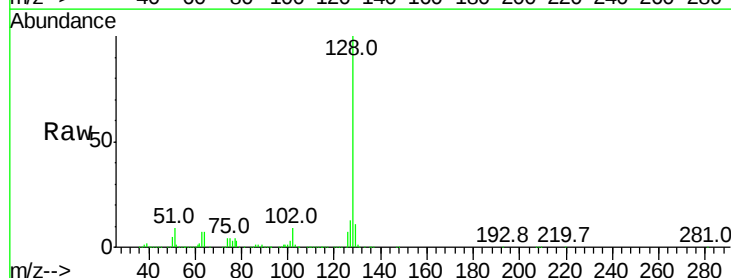
Tgt Ion:128 Resp: 5165567

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

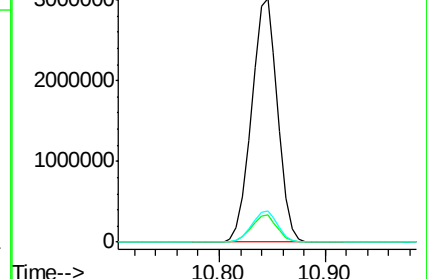
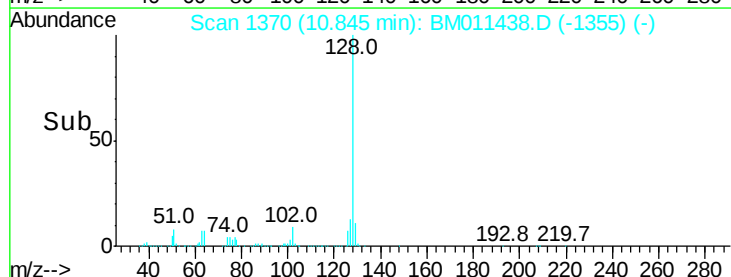
127 12.9 10.4 15.6

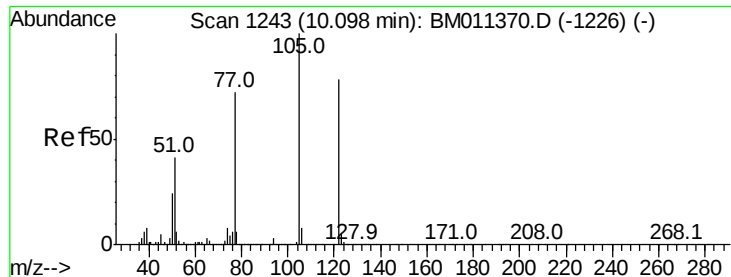


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 34.116 ng

RT: 10.08 min Scan# 1240

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

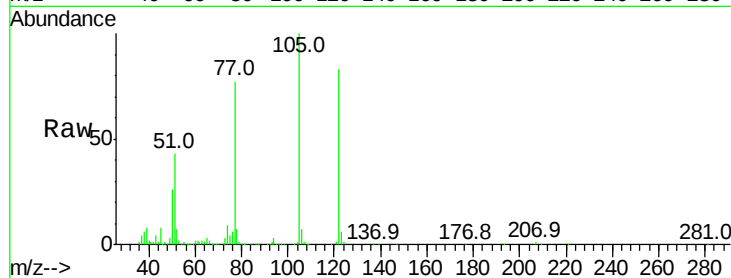
Tot Ion:122 Resp: 739310

Ion Ratio Lower Upper

122 100

105 120.4 99.9 139.9

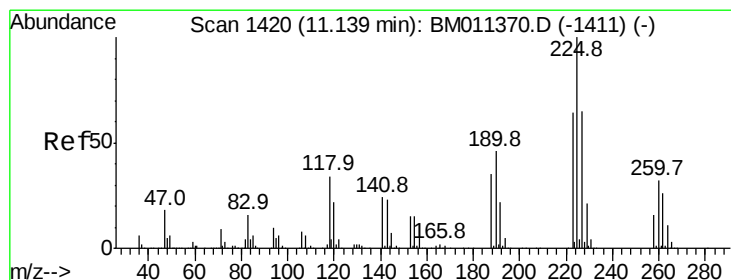
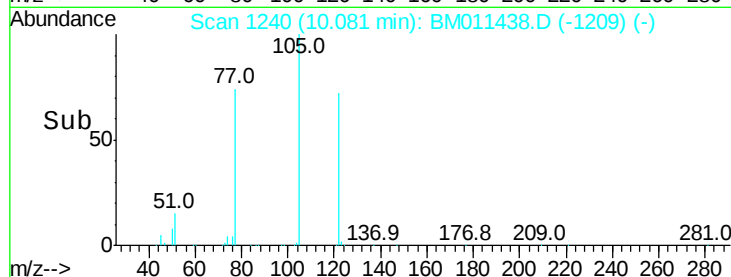
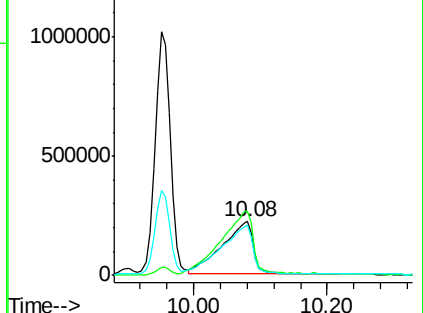
77 92.6 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM



#34

Hexachlorobutadiene

Concen: 41.211 ng

RT: 11.12 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

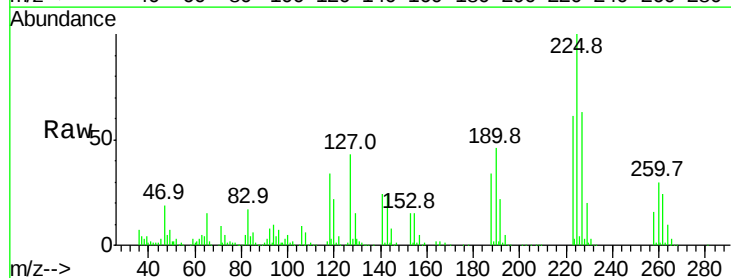
Tgt Ion:225 Resp: 829725

Ion Ratio Lower Upper

225 100

223 61.3 47.9 71.9

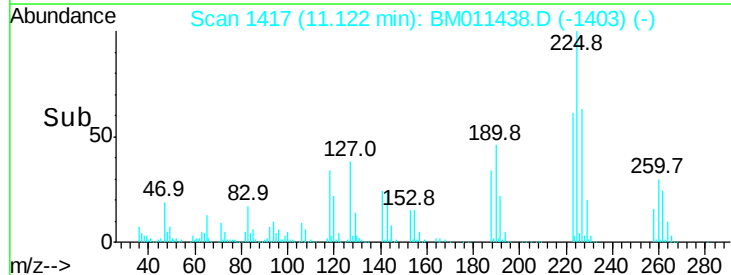
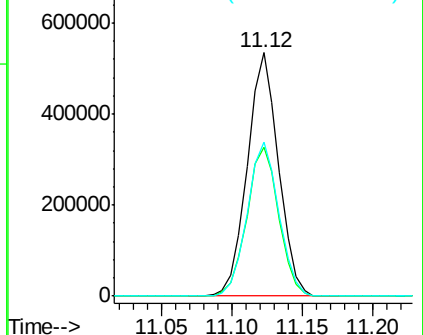
227 63.3 50.1 75.1

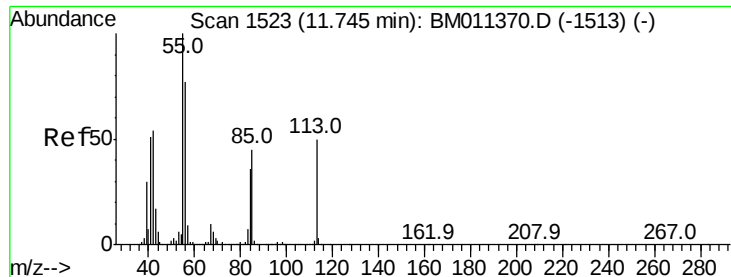


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 14.701 ng

RT: 11.75 min Scan# 1524

Delta R.T. 0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

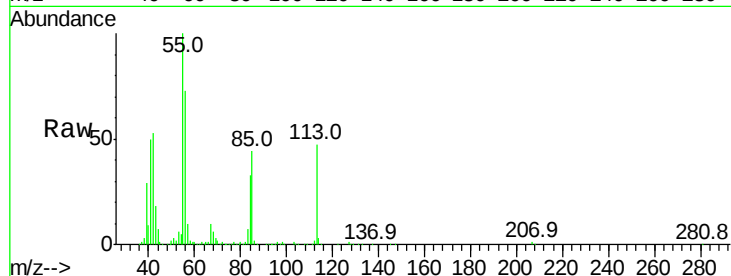
Tot Ion:113 Resp: 168993

Ion Ratio Lower Upper

113 100

55 211.2 145.9 185.9#

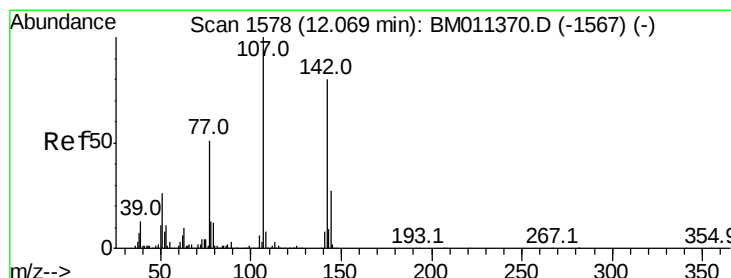
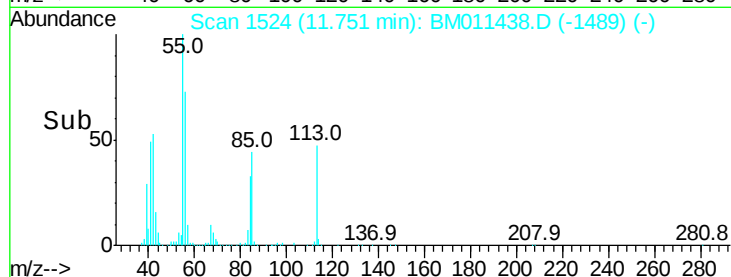
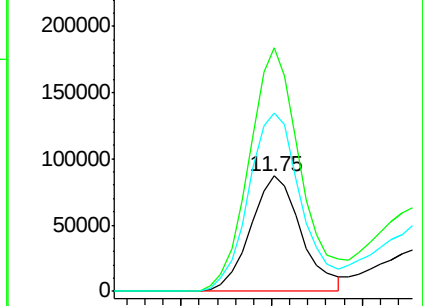
56 154.5 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 44.811 ng

RT: 12.06 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

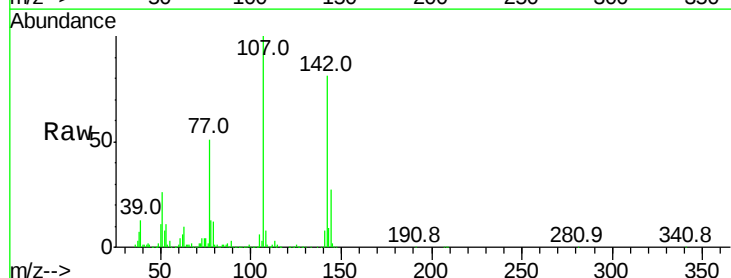
Tgt Ion:107 Resp: 1679982

Ion Ratio Lower Upper

107 100

144 26.9 23.3 34.9

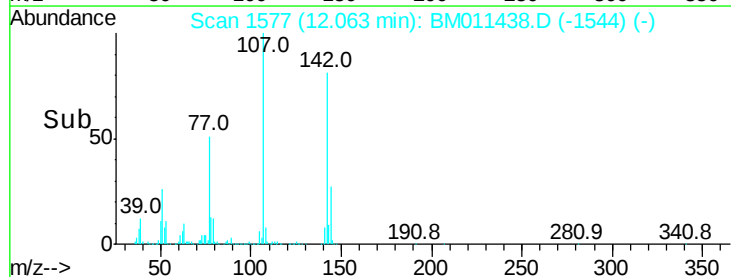
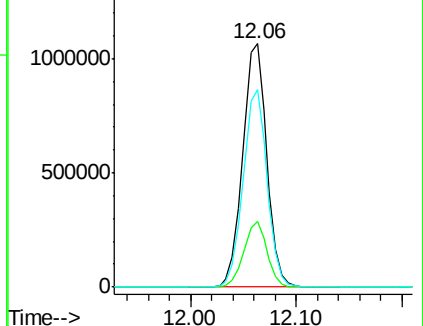
142 81.1 72.6 109.0

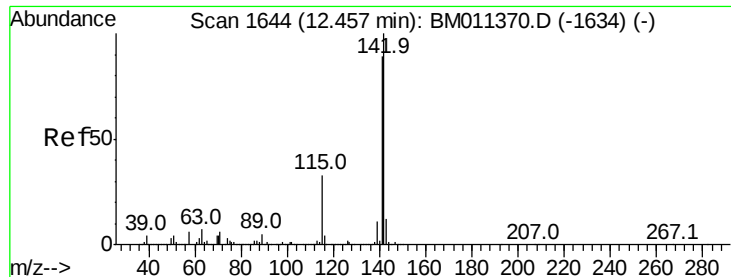


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



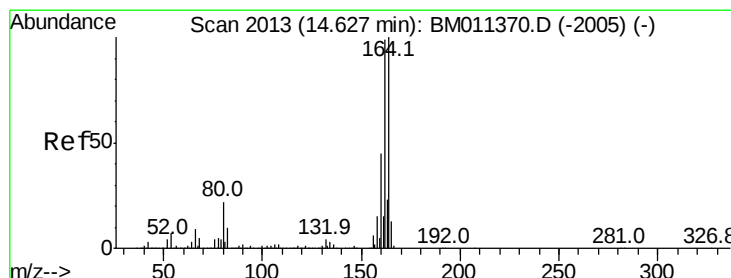
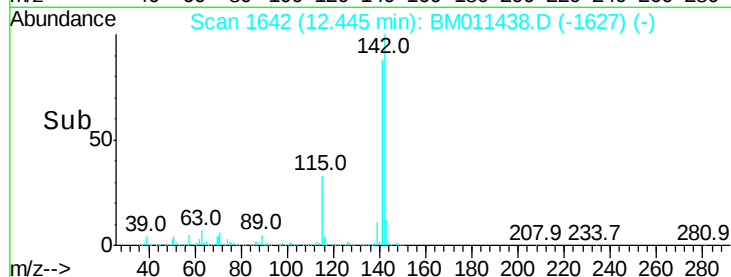
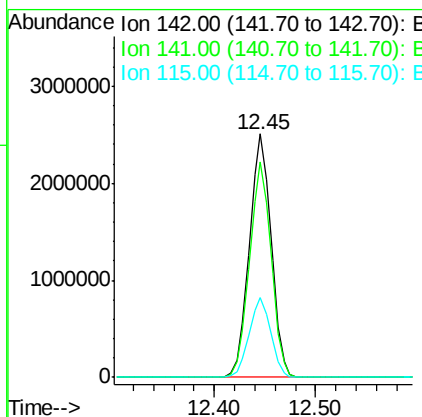
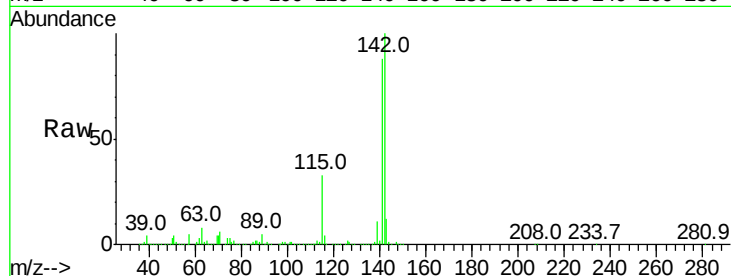


#37  
 2-Methylnaphthalene  
 Concen: 46.404 ng  
 RT: 12.45 min Scan# 1642  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

Tot Ion:142 Resp: 3752590  

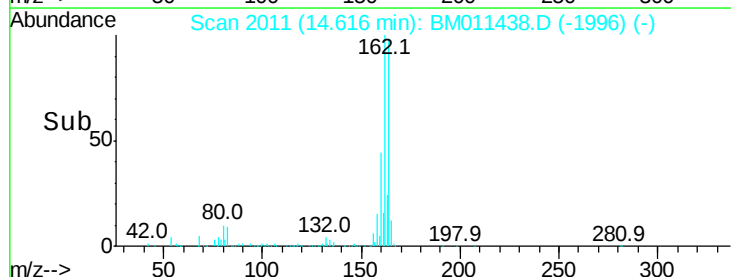
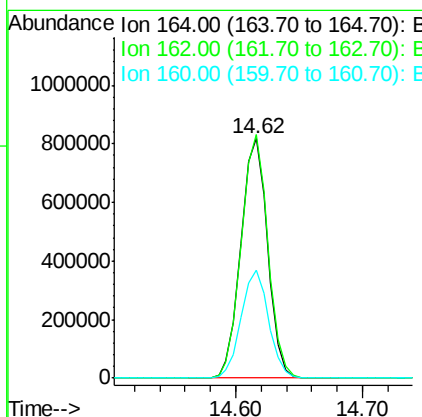
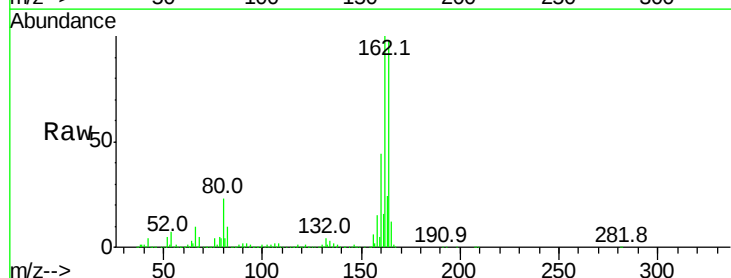
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 142 | 100   |       |       |
| 141 | 88.3  | 71.9  | 107.9 |
| 115 | 32.9  | 25.4  | 38.0  |

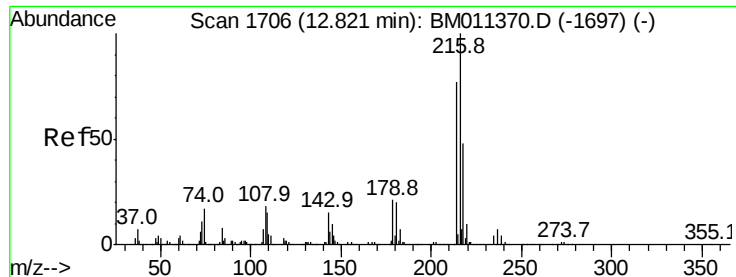


#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.62 min Scan# 2011  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:164 Resp: 1192994  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.7 | 82.4  | 123.6 |
| 160 | 44.9  | 35.8  | 53.6  |





#39

1,2,4,5-Tetrachlorobenzene

Concen: 45.436 ng

RT: 12.81 min Scan# 1704

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

Tot Ion:216 Resp: 1631191

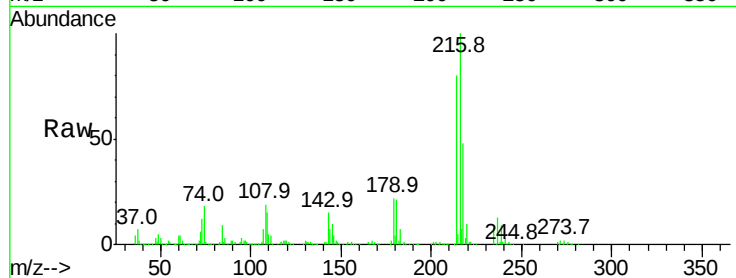
Ion Ratio Lower Upper

216 100

214 79.2 0.0 0.0#

179 21.5 0.0 0.0#

108 22.1 0.0 0.0#

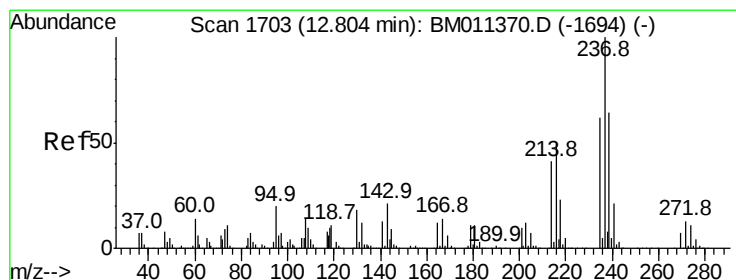
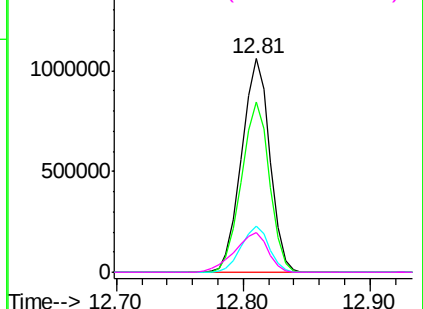
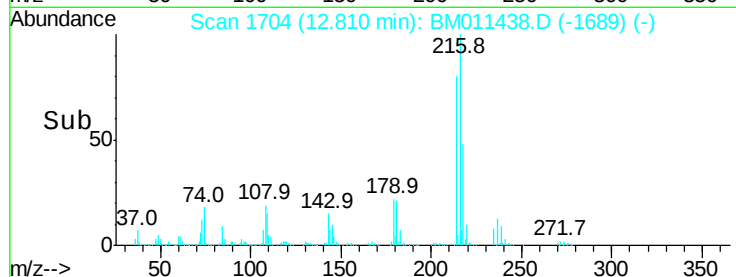


Abundance Ion 216.00 (215.70 to 216.70): E

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



#40

Hexachlorocyclopentadiene

Concen: 120.502 ng

RT: 12.79 min Scan# 1700

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

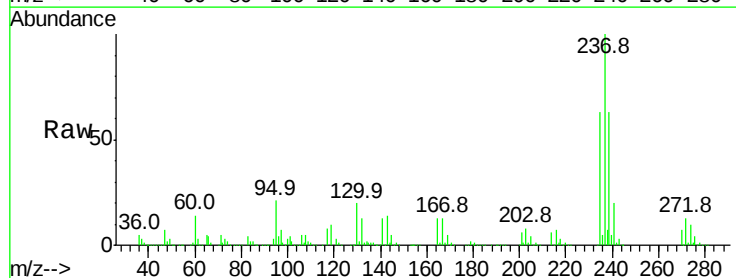
Tgt Ion:237 Resp: 1983203

Ion Ratio Lower Upper

237 100

235 62.5 42.0 82.0

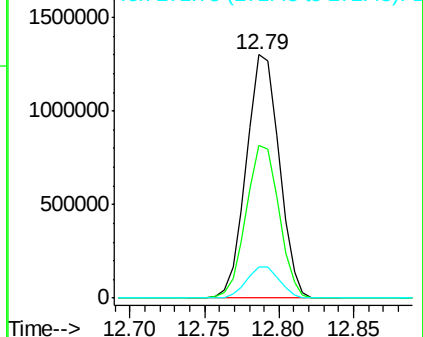
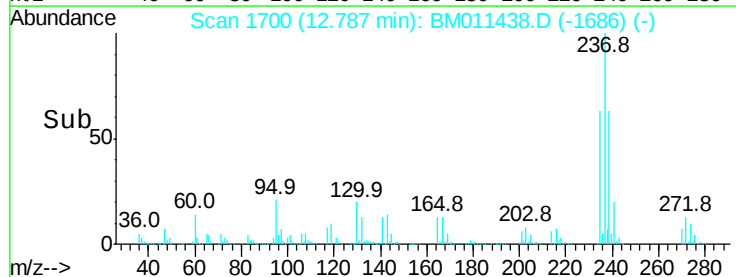
272 12.7 0.0 33.4

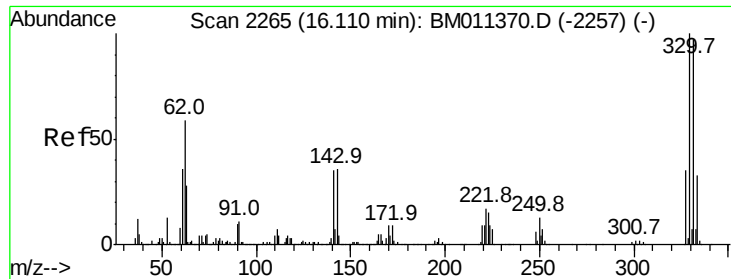


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

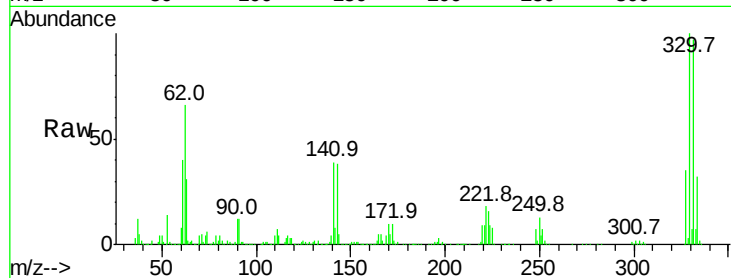




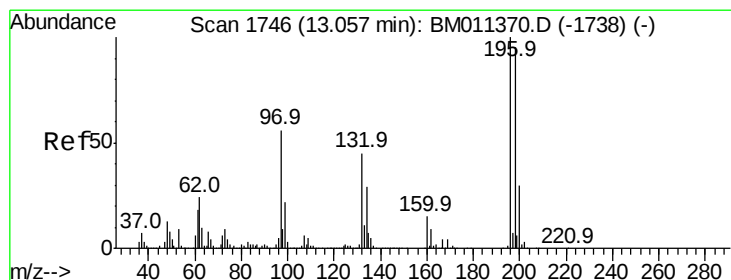
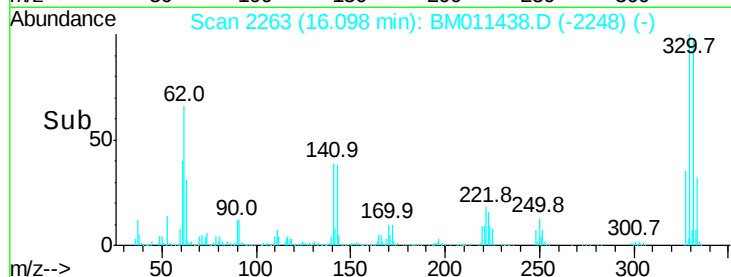
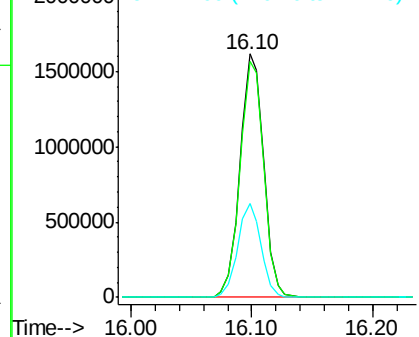
#41  
 2,4,6-Tribromophenol  
 Concen: 159.735 ng  
 RT: 16.10 min Scan# 2263  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

Tot Ion:330 Resp: 2204736  
 Ion Ratio Lower Upper  
 330 100  
 332 97.4 0.0 0.0#  
 141 38.4 0.0 0.0#

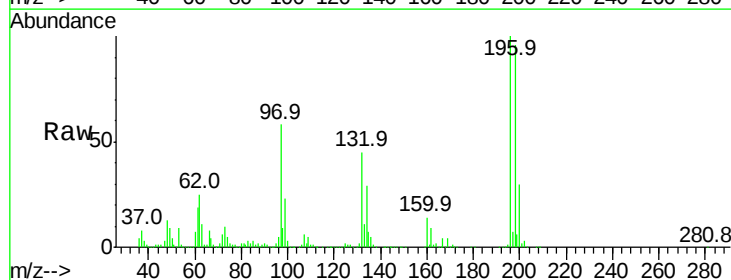


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

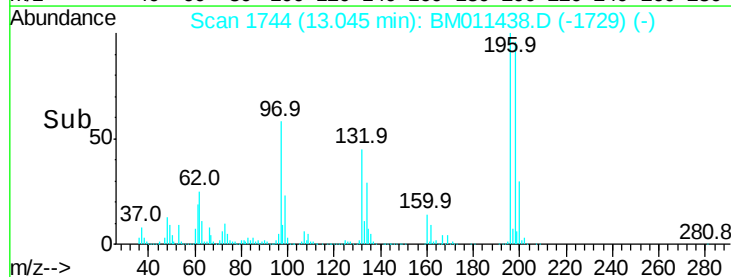
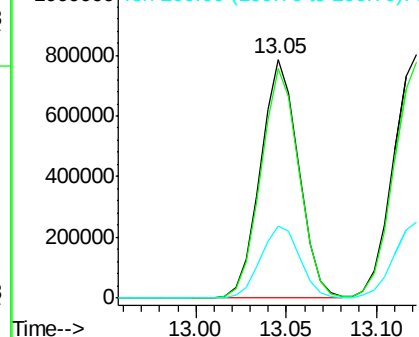


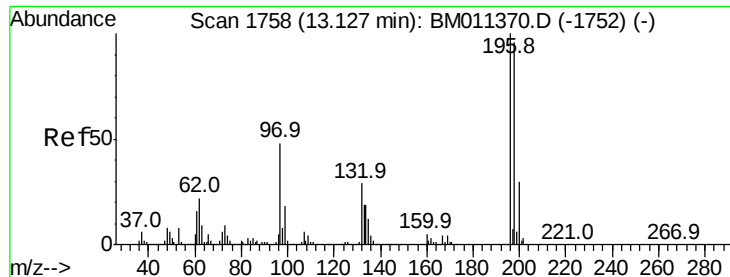
#42  
 2,4,6-Trichlorophenol  
 Concen: 48.324 ng  
 RT: 13.05 min Scan# 1744  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:196 Resp: 1148409  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.3 114.5  
 200 30.4 25.6 38.4



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





#43

2,4,5-Trichlorophenol

Concen: 51.364 ng

RT: 13.12 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

Tot Ion:196 Resp: 1239695

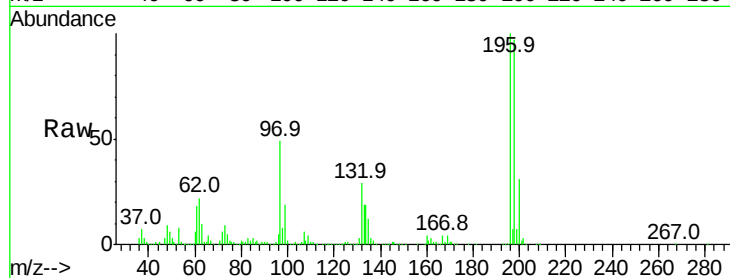
Ion Ratio Lower Upper

196 100

198 97.1 79.4 119.0

97 48.7 26.8 40.2#

132 28.8 18.6 28.0#



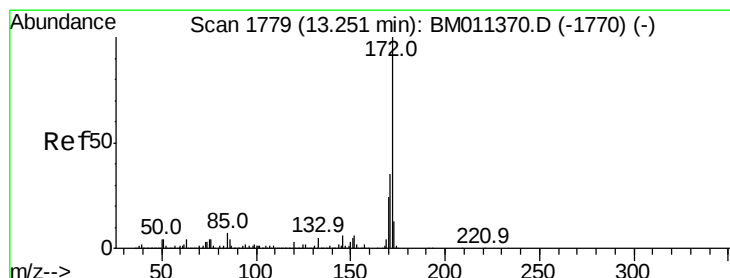
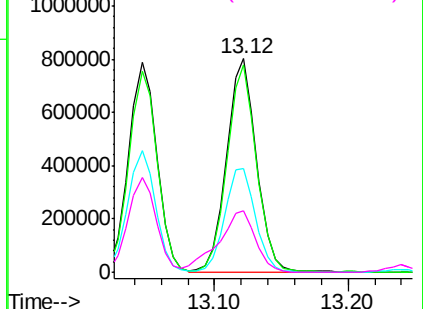
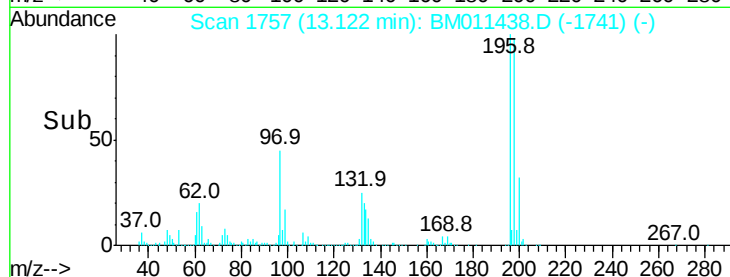
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44

2-Fluorobiphenyl

Concen: 103.961 ng

RT: 13.24 min Scan# 1777

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

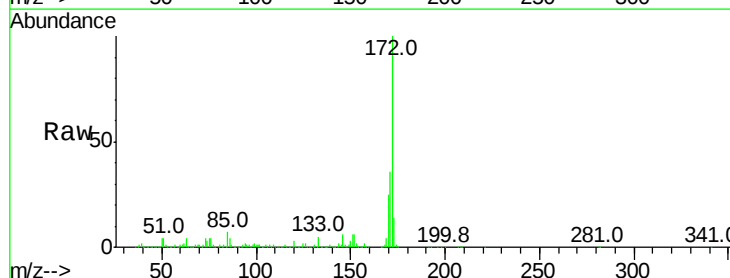
Tgt Ion:172 Resp: 8604029

Ion Ratio Lower Upper

172 100

171 35.6 28.5 42.7

170 24.8 18.8 28.2

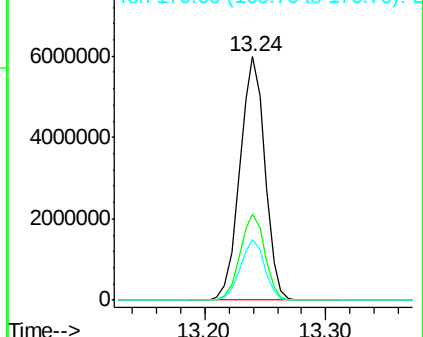
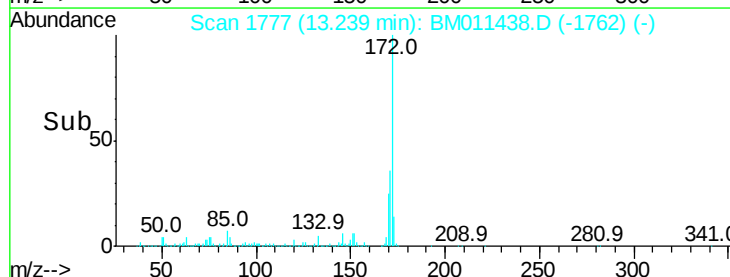


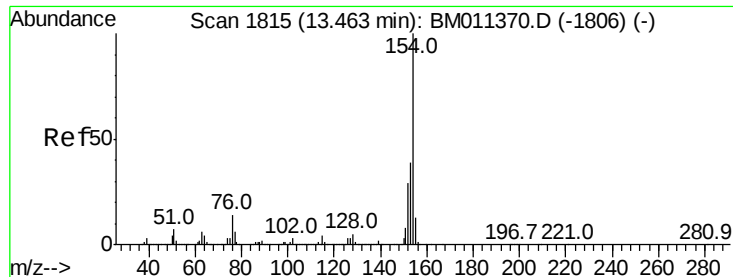
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.180 ng

RT: 13.45 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

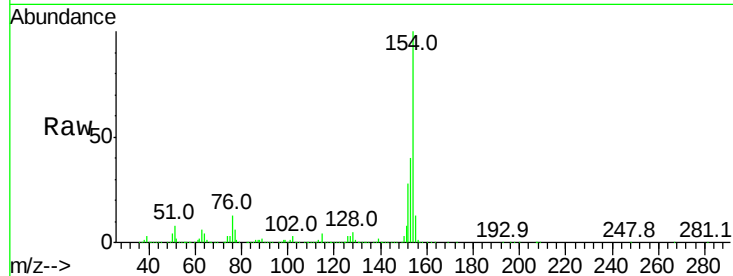
Tot Ion:154 Resp: 4679093

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 40.3  | 20.7  | 60.7  |
| 76  | 13.4  | 0.0   | 30.9  |

154 100

153 40.3 20.7 60.7

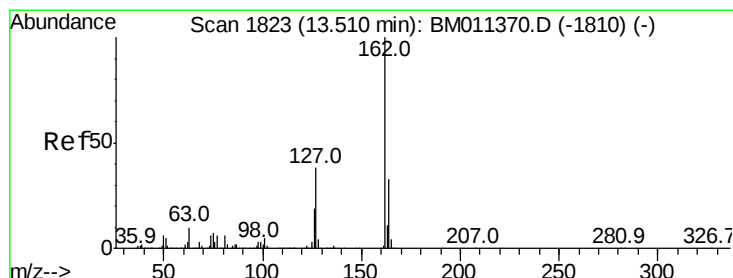
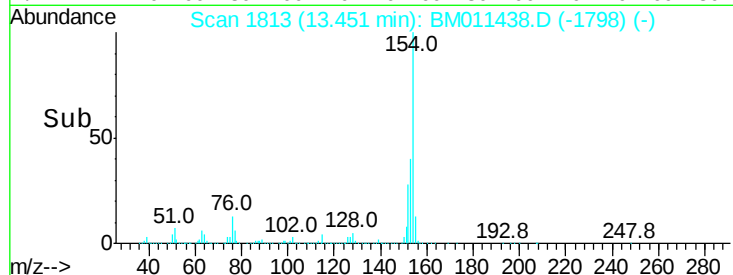
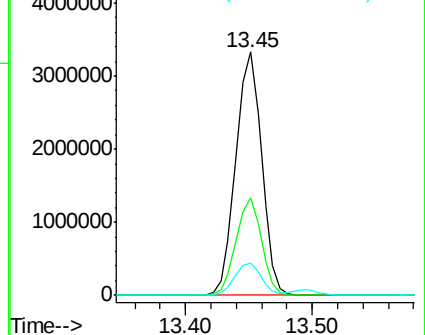
76 13.4 0.0 30.9



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



#46

2-Chloronaphthalene

Concen: 44.762 ng

RT: 13.49 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

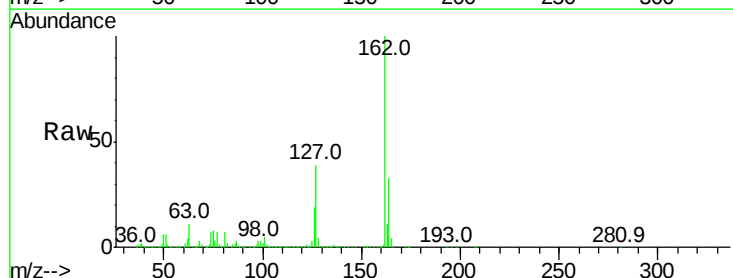
Tgt Ion:162 Resp: 3521695

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 38.8  | 26.9  | 40.3  |
| 164 | 32.7  | 26.8  | 40.2  |

162 100

127 38.8 26.9 40.3

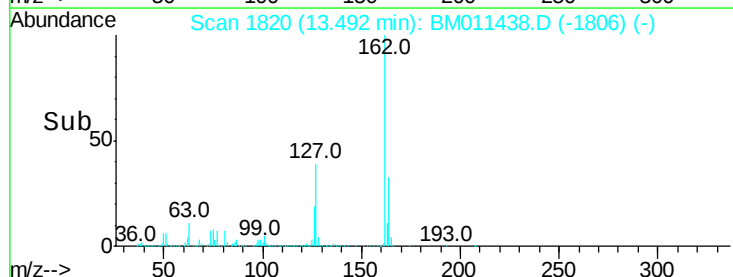
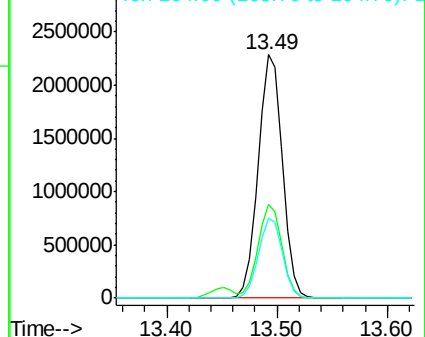
164 32.7 26.8 40.2

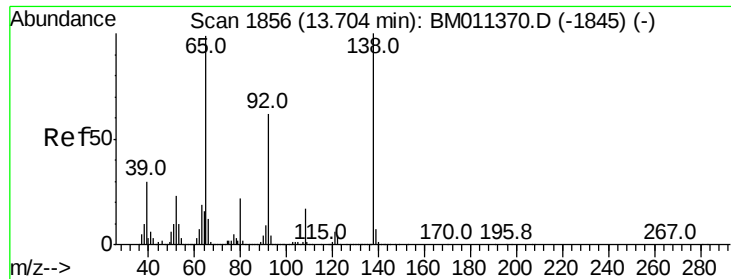


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

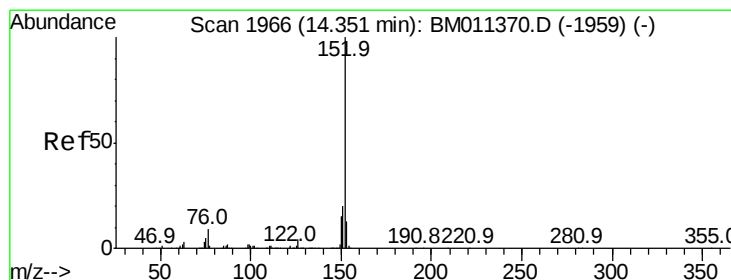
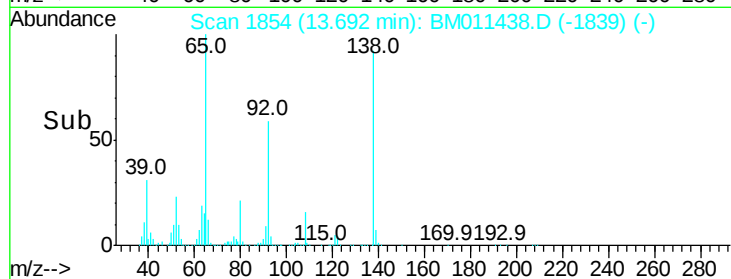
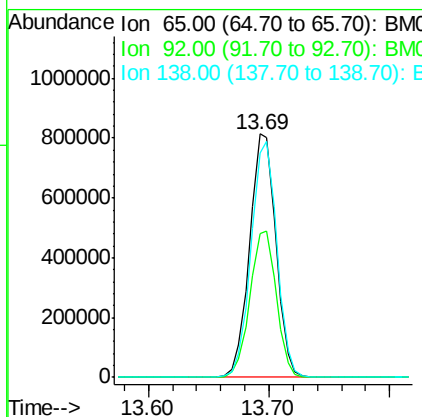
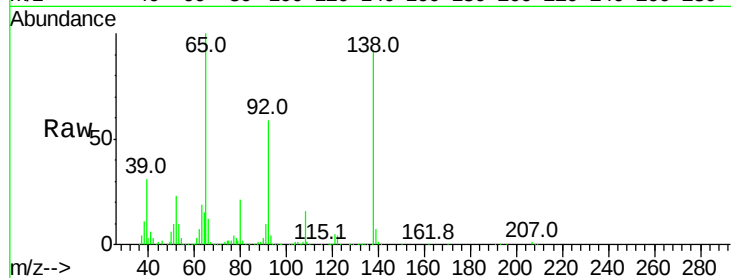




#47  
2-Nitroaniline  
Concen: 49.602 ng  
RT: 13.69 min Scan# 1854  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

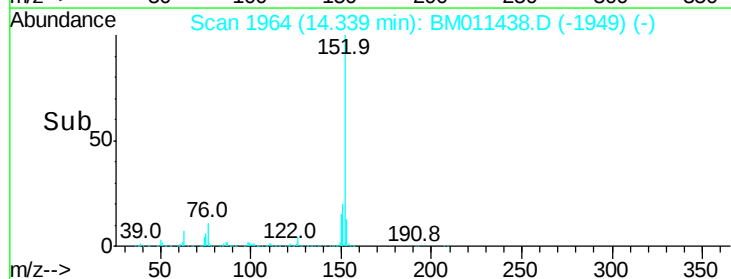
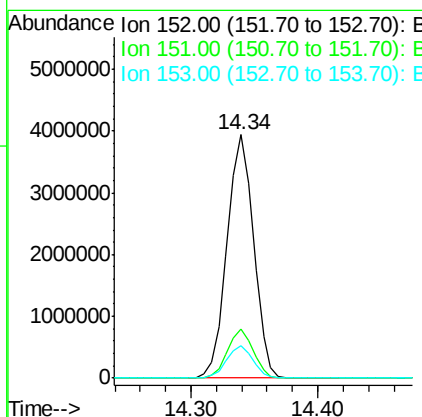
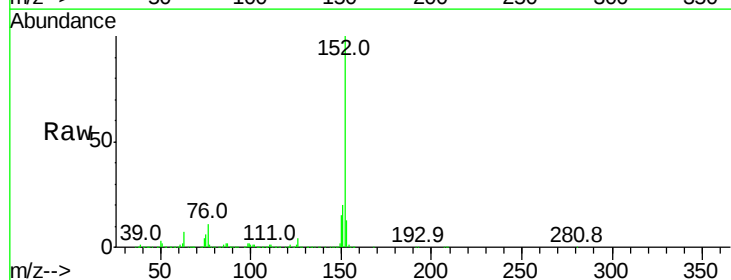
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

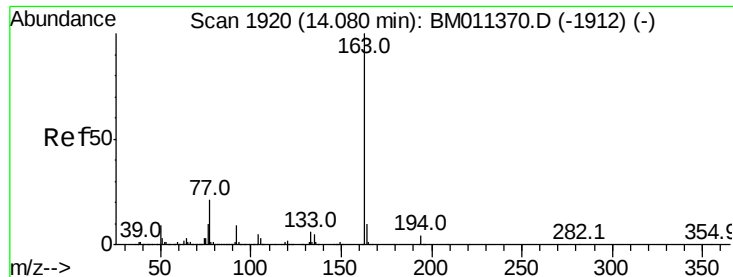
Tot Ion: 65 Resp: 1243334  
Ion Ratio Lower Upper  
65 100  
92 58.8 59.1 88.7#  
138 92.2 93.9 140.9#



#48  
Acenaphthylene  
Concen: 46.428 ng  
RT: 14.34 min Scan# 1964  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion: 152 Resp: 5691509  
Ion Ratio Lower Upper  
152 100  
151 20.0 15.9 23.9  
153 13.4 10.6 16.0





#49

Dimethylphthalate

Concen: 46.978 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

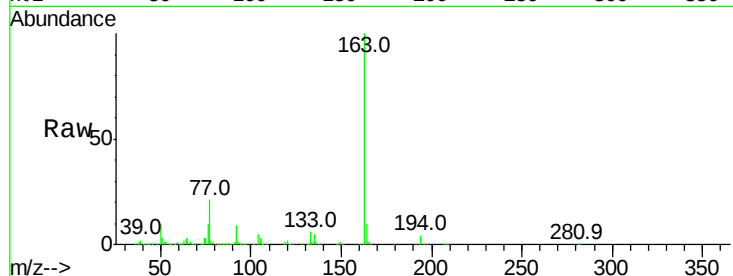
Tot Ion:163 Resp: 4453266

Ion Ratio Lower Upper

163 100

194 3.7 2.7 4.1

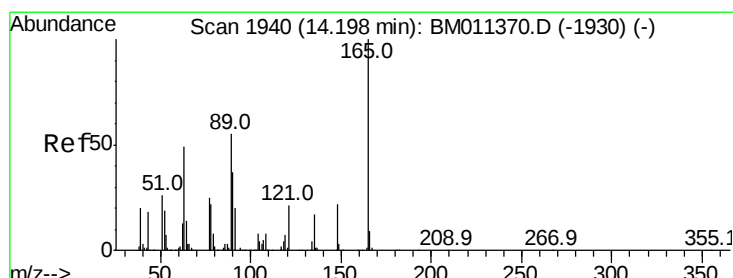
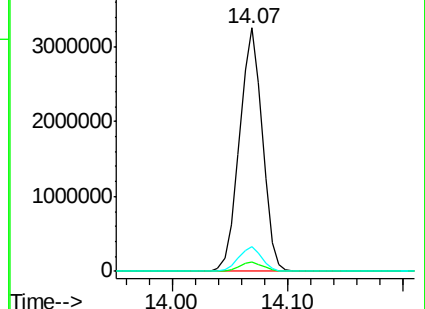
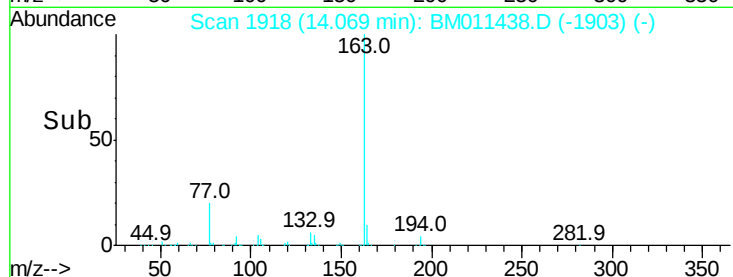
164 10.1 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 51.452 ng

RT: 14.19 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

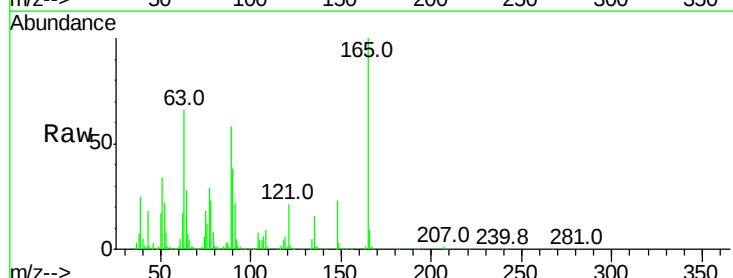
Tgt Ion:165 Resp: 923519

Ion Ratio Lower Upper

165 100

63 65.7 44.1 66.1

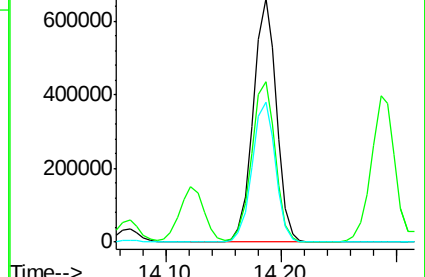
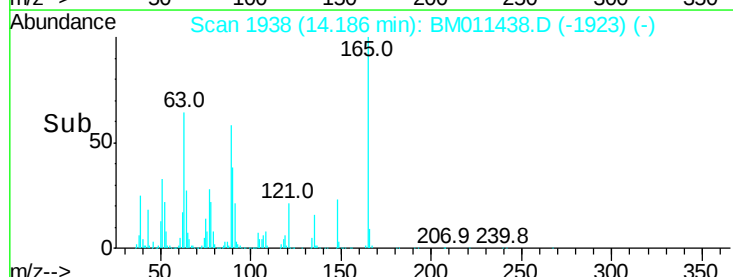
89 57.6 44.3 66.5

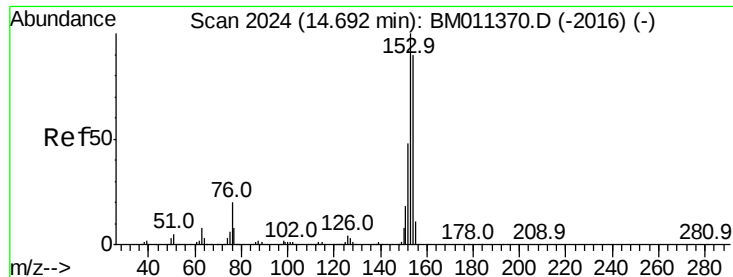


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 44.640 ng

RT: 14.68 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

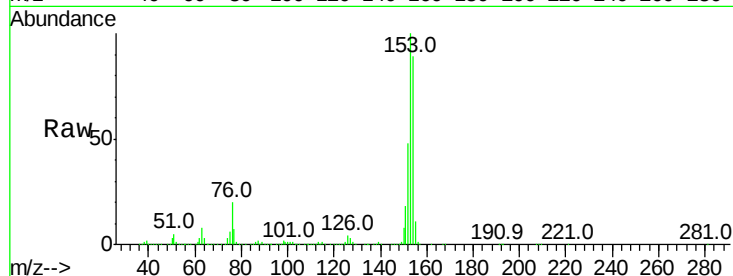
Tot Ion:154 Resp: 3553466

Ion Ratio Lower Upper

154 100

153 112.8 90.0 135.0

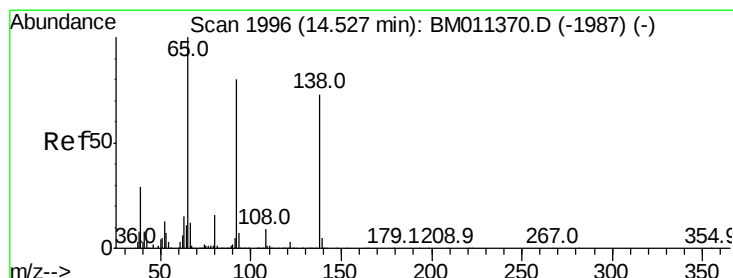
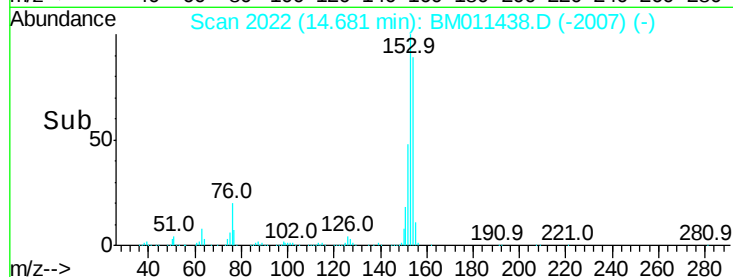
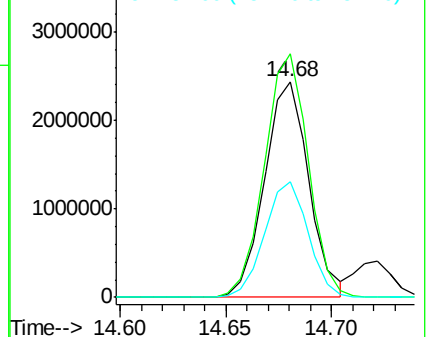
152 53.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.867 ng

RT: 14.53 min Scan# 1997

Delta R.T. 0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

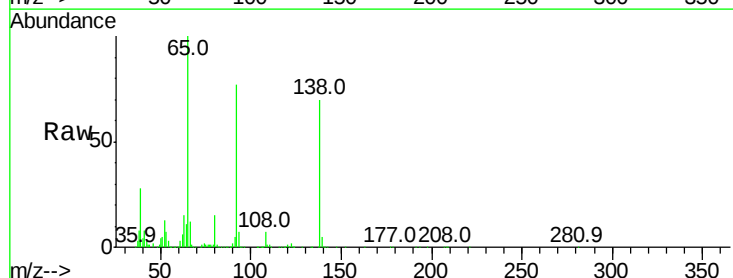
Tgt Ion:138 Resp: 999408

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

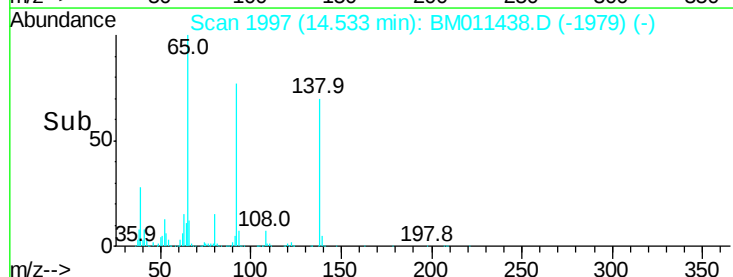
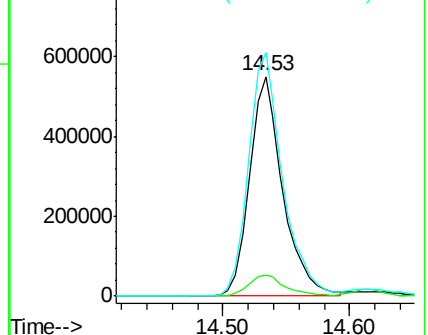
92 111.0 76.6 114.8

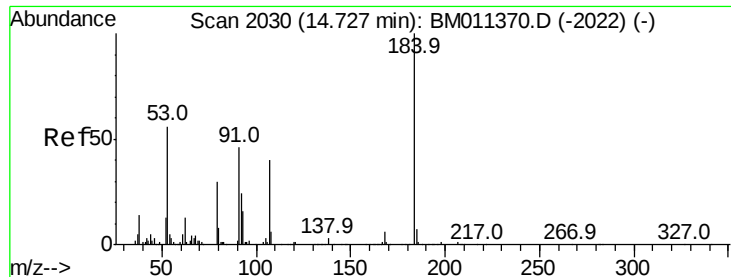


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 103.175 ng

RT: 14.72 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

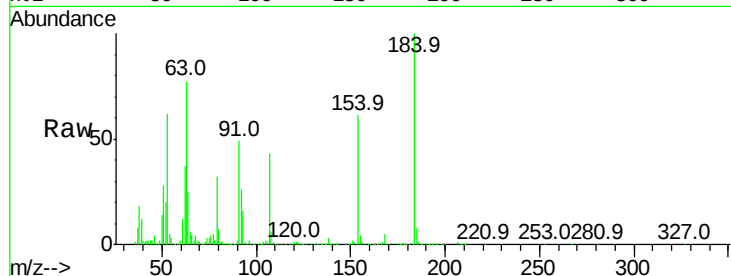
Tot Ion:184 Resp: 951390

Ion Ratio Lower Upper

184 100

63 76.9 69.2 103.8

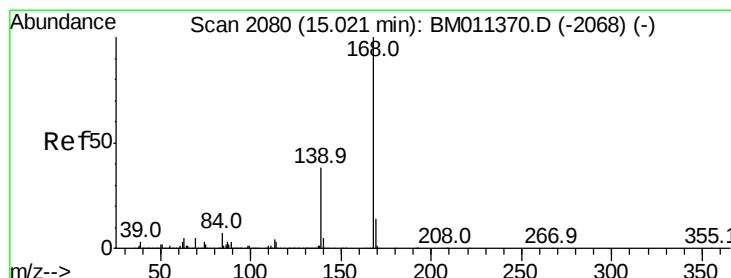
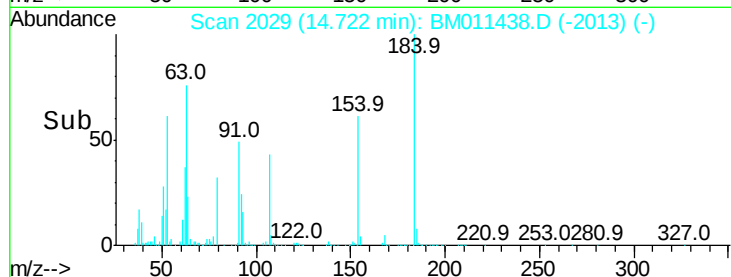
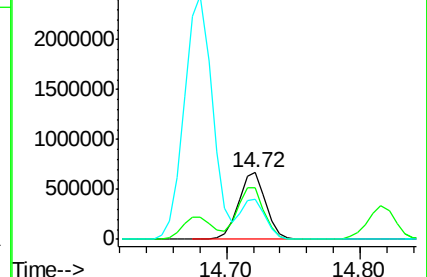
154 60.7 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM011438.D (-2022) (-)

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 49.989 ng

RT: 15.01 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

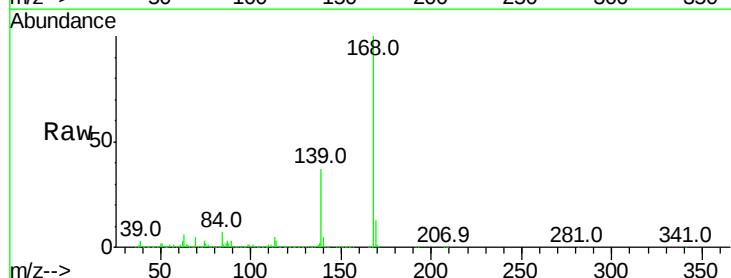
Tgt Ion:168 Resp: 5487011

Ion Ratio Lower Upper

168 100

139 37.2 27.3 40.9

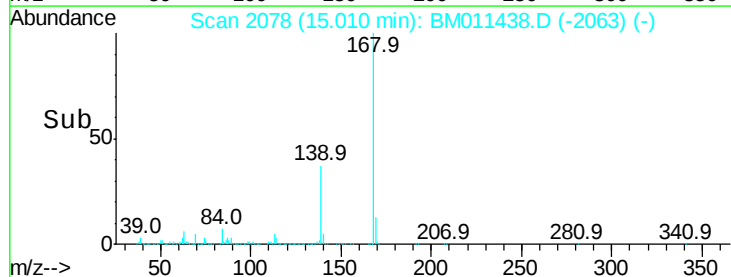
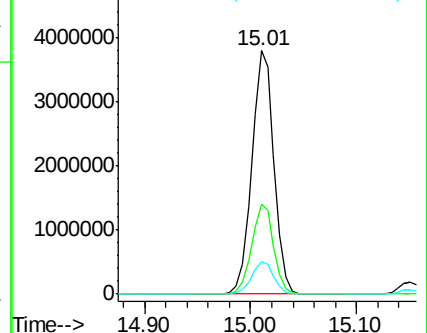
169 13.5 10.6 16.0

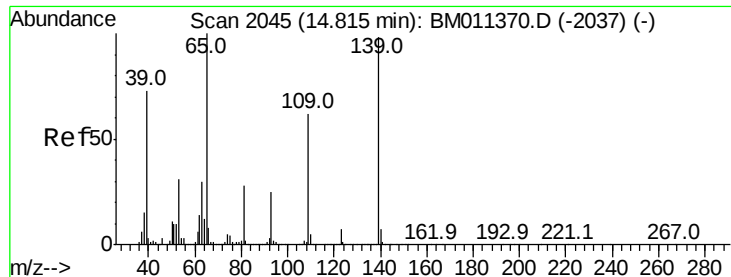


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 82.857 ng

RT: 14.82 min Scan# 2045

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

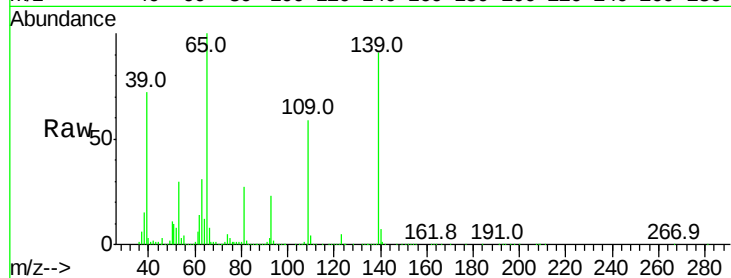
Tot Ion:139 Resp: 1503344

Ion Ratio Lower Upper

139 100

109 64.7 130.0 170.0#

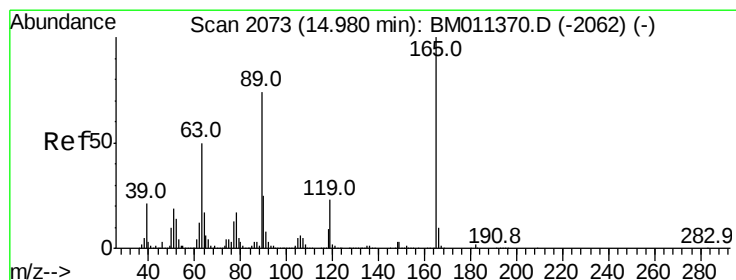
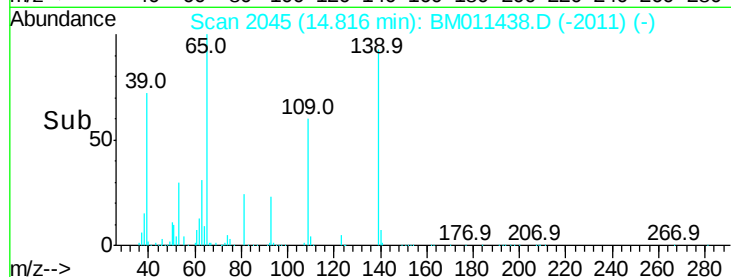
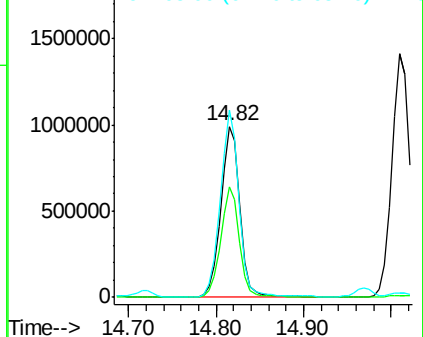
65 109.5 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 49.491 ng

RT: 14.97 min Scan# 2071

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:165 Resp: 1259202

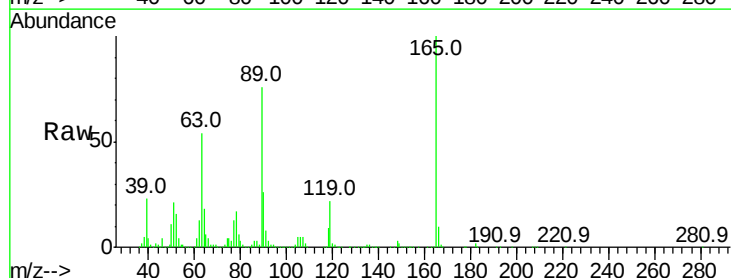
Ion Ratio Lower Upper

165 100

63 53.7 52.4 78.6

89 75.5 72.4 108.6

182 2.1 2.0 3.0

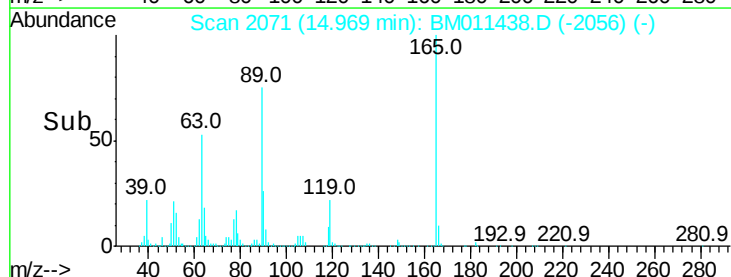
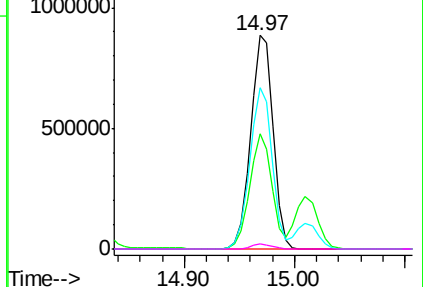


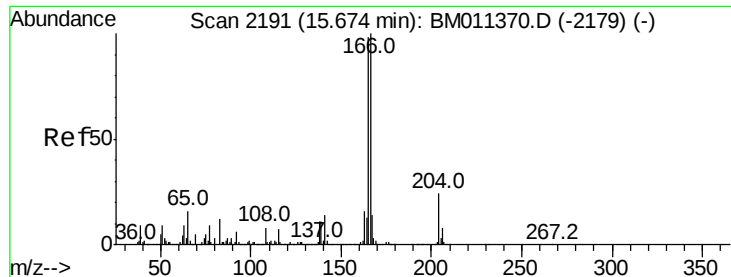
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 47.545 ng

RT: 15.66 min Scan# 2189

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

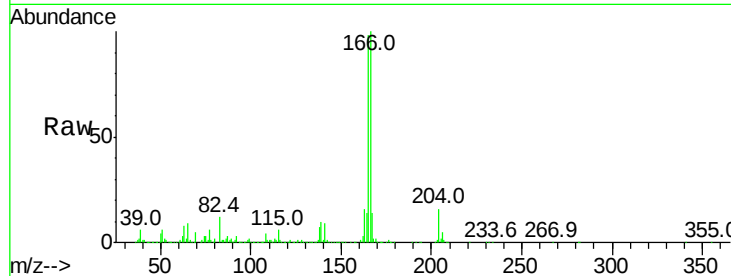
Tot Ion:166 Resp: 4549780

Ion Ratio Lower Upper

166 100

165 97.9 79.0 118.4

167 13.7 10.3 15.5

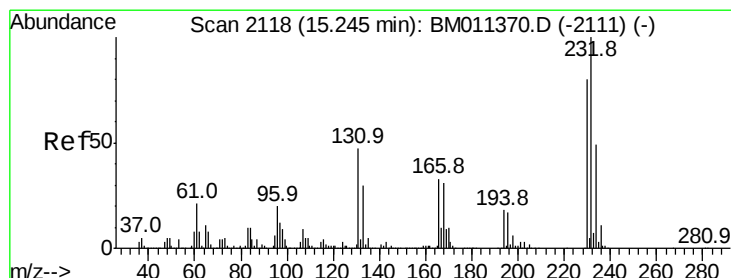
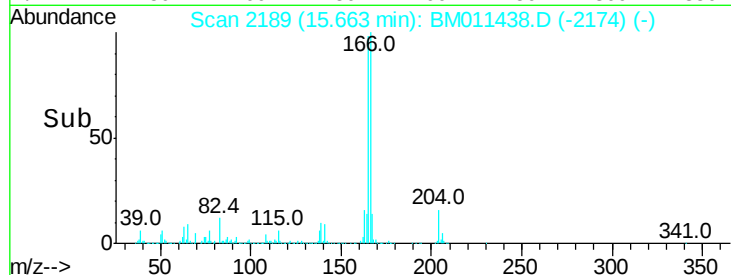
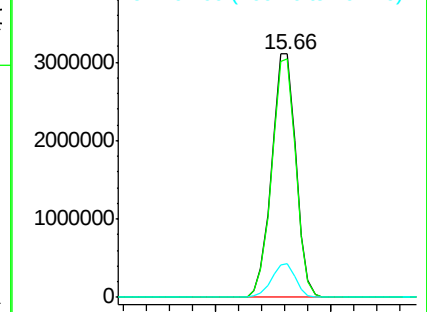


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.262 ng

RT: 15.23 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:232 Resp: 1079274

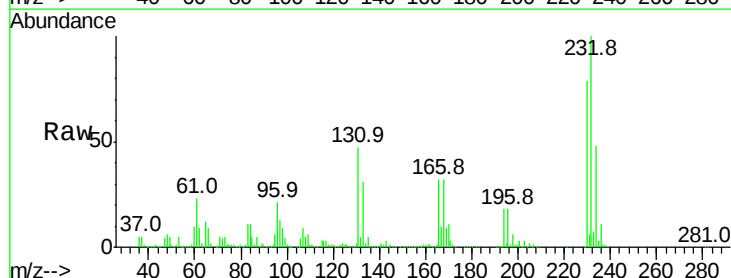
Ion Ratio Lower Upper

232 100

131 48.1 0.0 0.0#

130 2.4 0.0 0.0#

166 32.4 0.0 0.0#



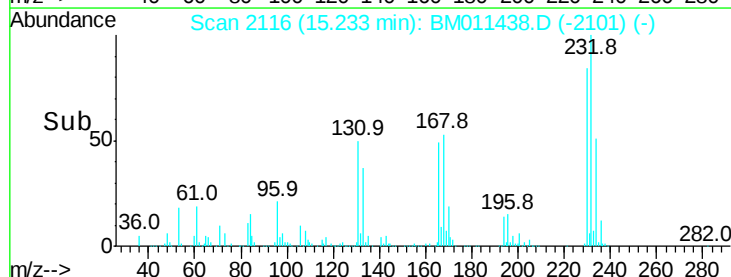
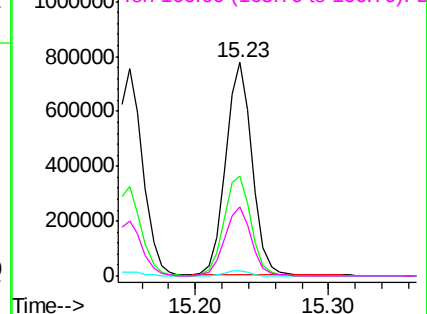
Abundance

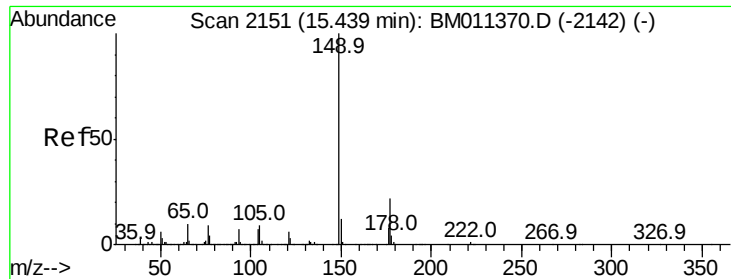
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

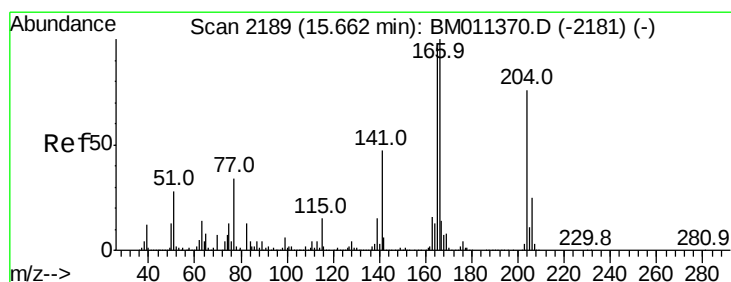
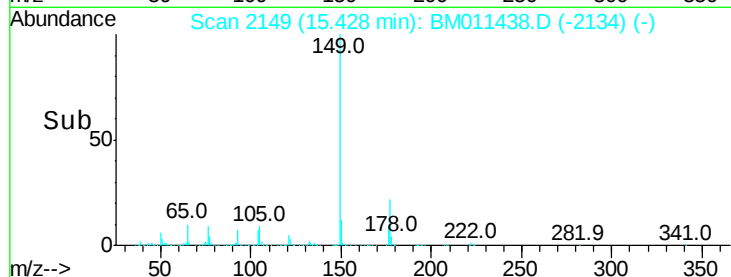
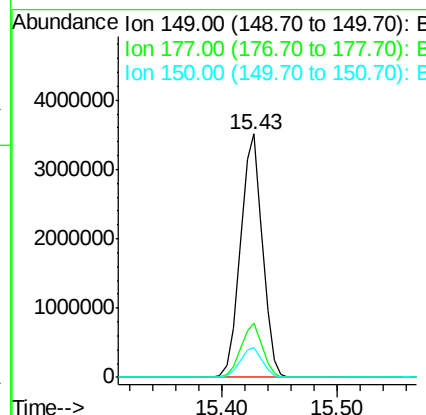
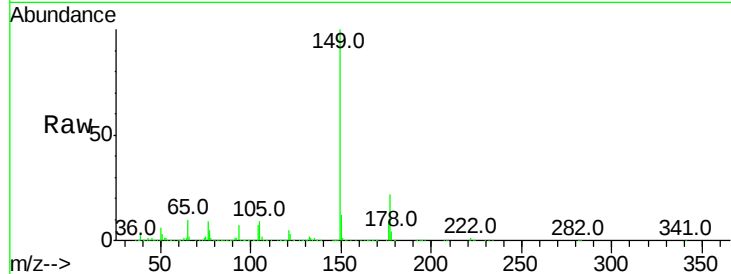




#59  
Diethylphthalate  
Concen: 46.926 ng  
RT: 15.43 min Scan# 2149  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

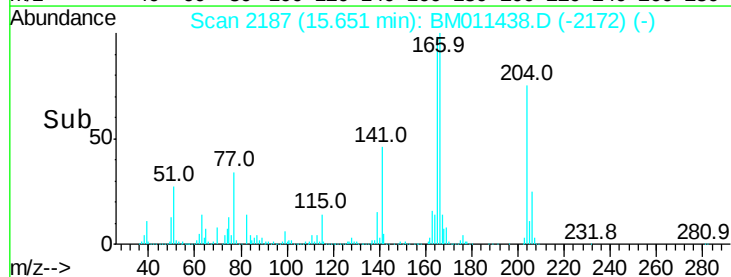
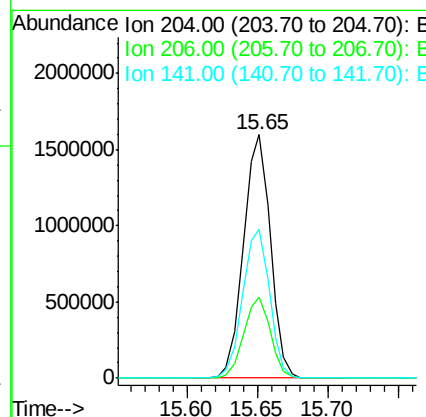
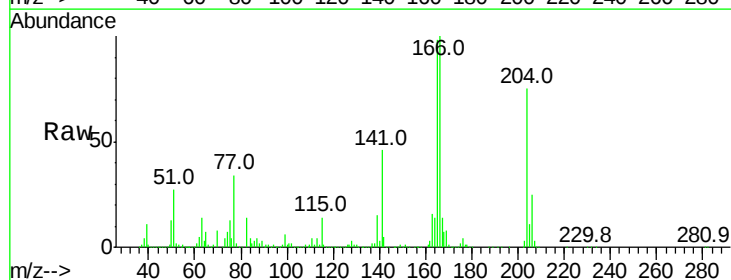
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

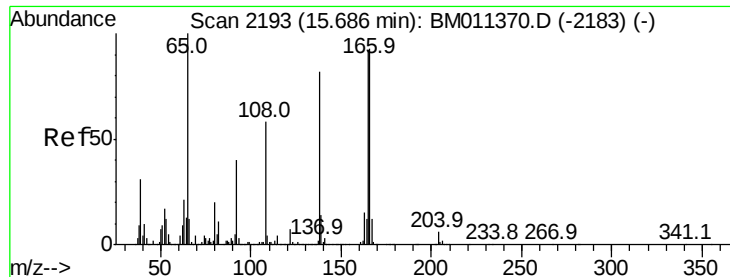
Tot Ion:149 Resp: 4583248  
Ion Ratio Lower Upper  
149 100  
177 22.2 18.3 27.5  
150 12.3 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 47.475 ng  
RT: 15.65 min Scan# 2187  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:204 Resp: 2119085  
Ion Ratio Lower Upper  
204 100  
206 33.1 26.6 39.8  
141 61.1 45.2 67.8

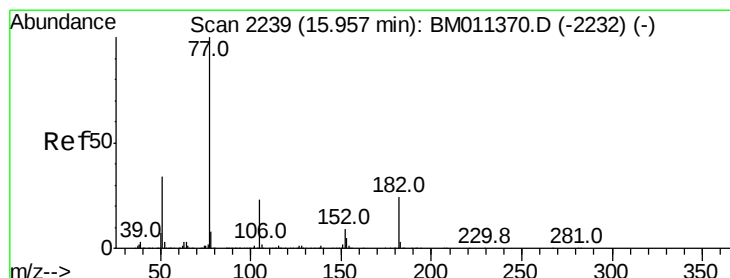
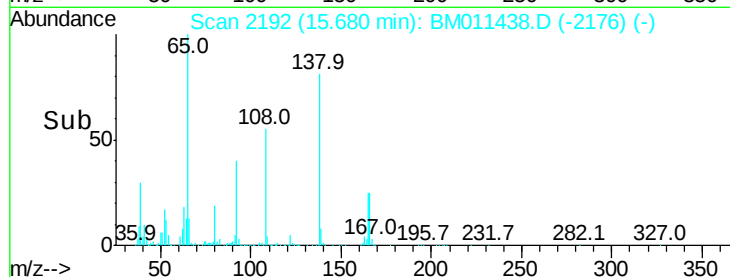
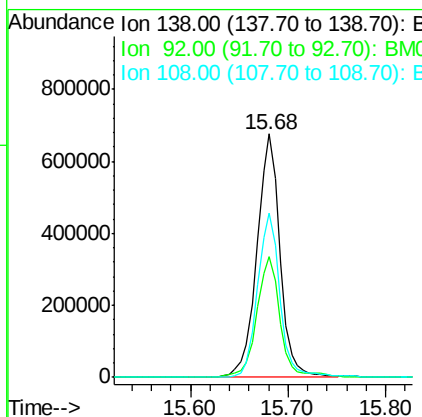
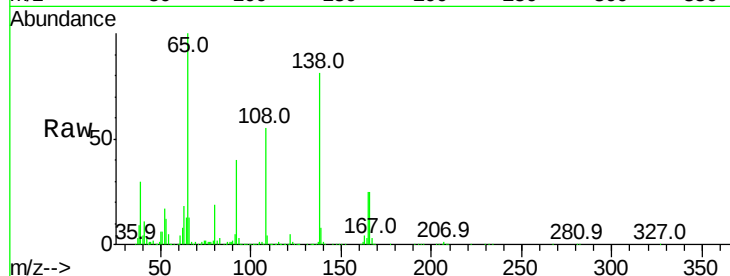




#61  
4-Nitroaniline  
Concen: 46.134 ng  
RT: 15.68 min Scan# 2192  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

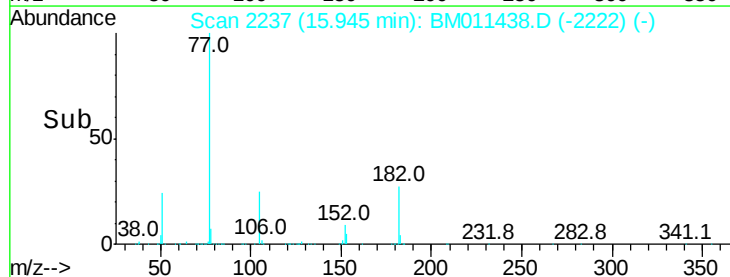
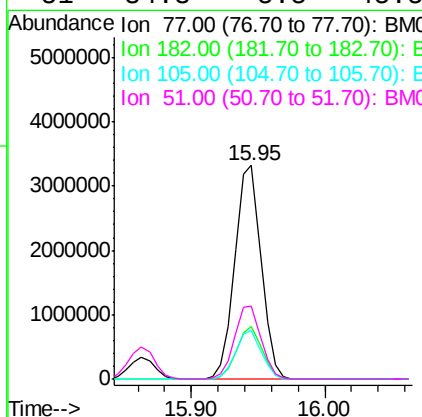
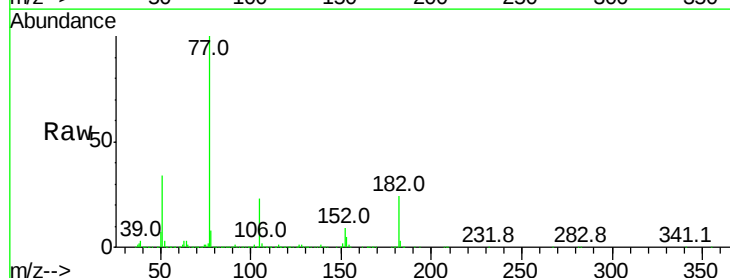
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

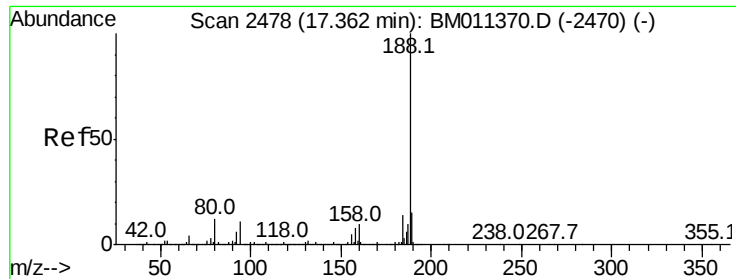
Tot Ion:138 Resp: 1118097  
Ion Ratio Lower Upper  
138 100  
92 49.4 16.7 56.7  
108 67.3 37.6 77.6



#62  
Azobenzene  
Concen: 51.812 ng  
RT: 15.95 min Scan# 2237  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion: 77 Resp: 4560662  
Ion Ratio Lower Upper  
77 100  
182 24.5 6.5 46.5  
105 22.8 3.8 43.8  
51 34.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.36 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

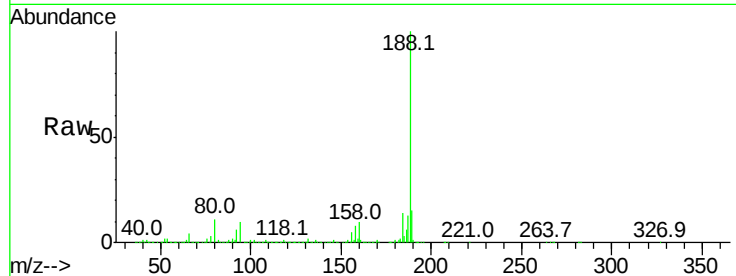
Tot Ion:188 Resp: 2605573

Ion Ratio Lower Upper

188 100

94 9.7 8.7 13.1

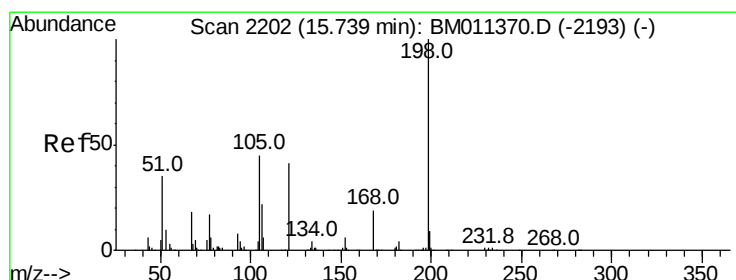
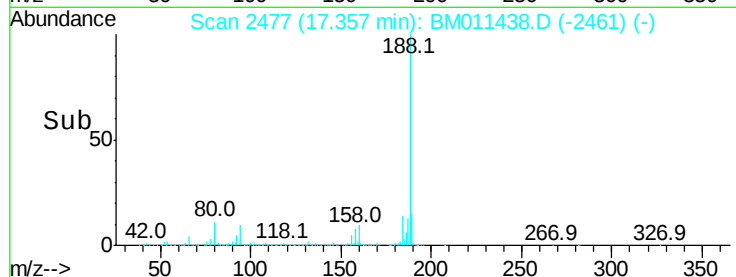
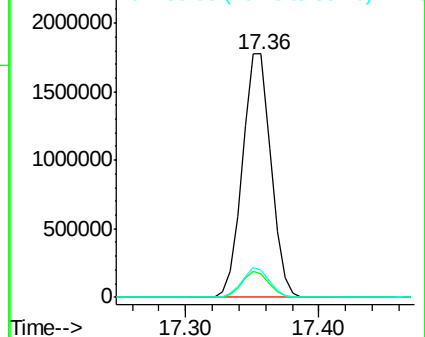
80 11.0 9.3 13.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 56.054 ng

RT: 15.73 min Scan# 2200

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

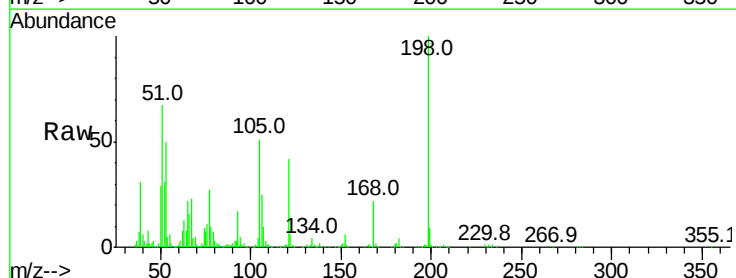
Tgt Ion:198 Resp: 605716

Ion Ratio Lower Upper

198 100

51 67.3 28.8 68.8

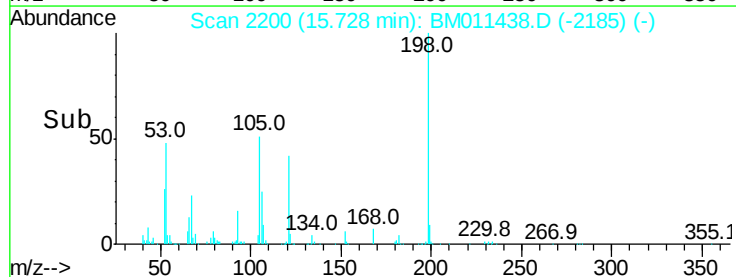
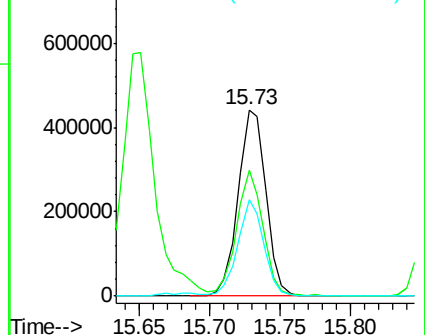
105 51.4 30.5 70.5

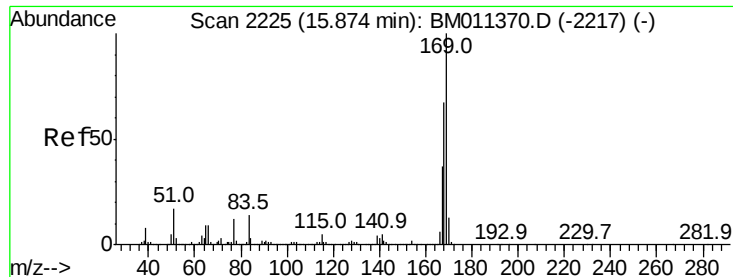


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

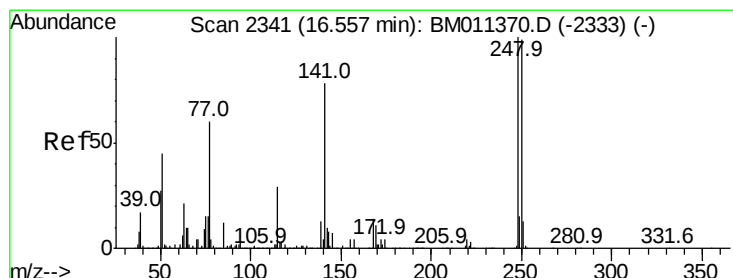
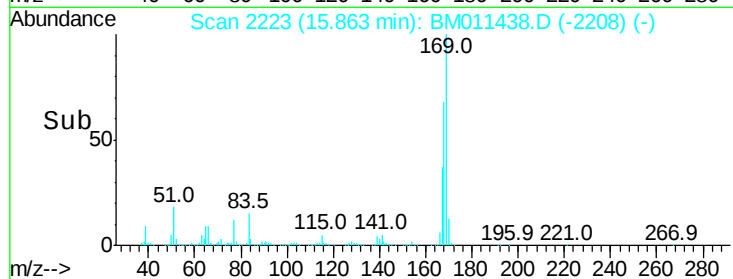
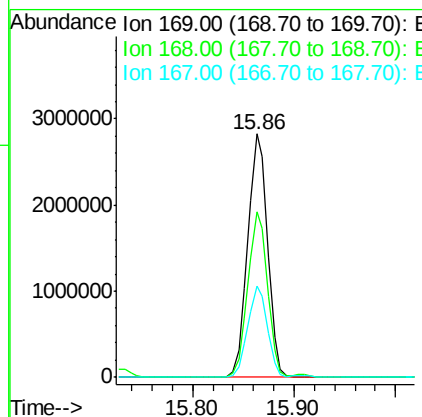
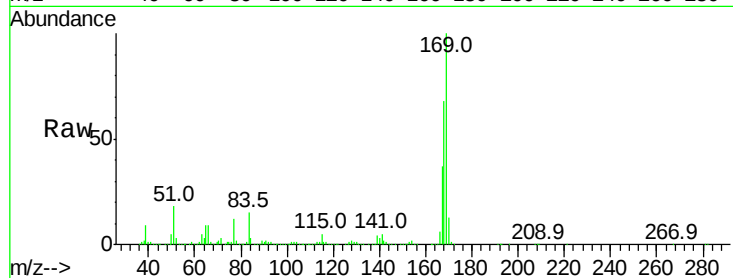




#65  
 n-Nitrosodiphenylamine  
 Concen: 46.639 ng  
 RT: 15.86 min Scan# 2223  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

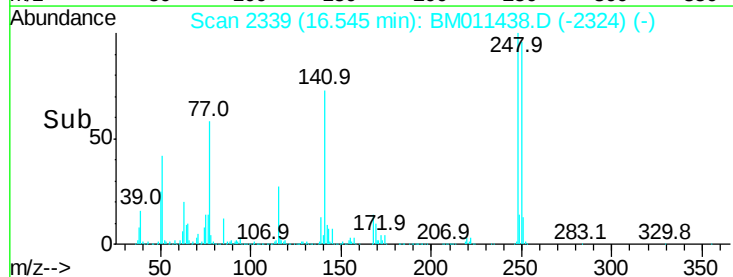
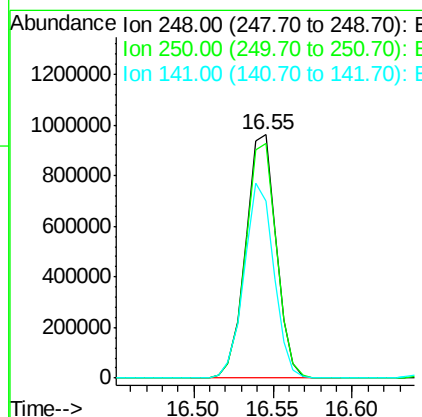
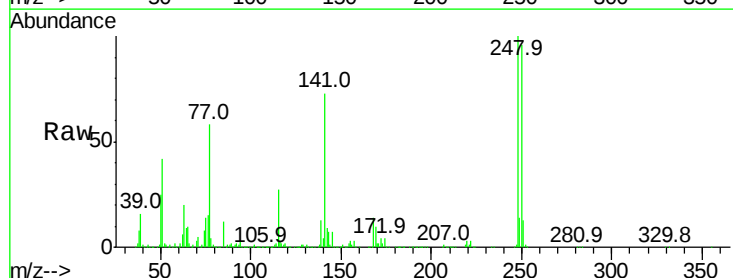
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

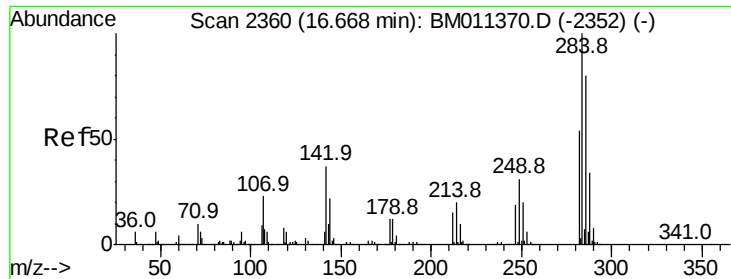
Tot Ion:169 Resp: 3829200  
 Ion Ratio Lower Upper  
 169 100  
 168 68.2 53.9 80.9  
 167 37.4 28.9 43.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 46.940 ng  
 RT: 16.55 min Scan# 2339  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:248 Resp: 1286490  
 Ion Ratio Lower Upper  
 248 100  
 250 96.3 77.4 116.0  
 141 72.5 45.2 67.8#





#67

Hexachlorobenzene

Concen: 43.201 ng

RT: 16.66 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

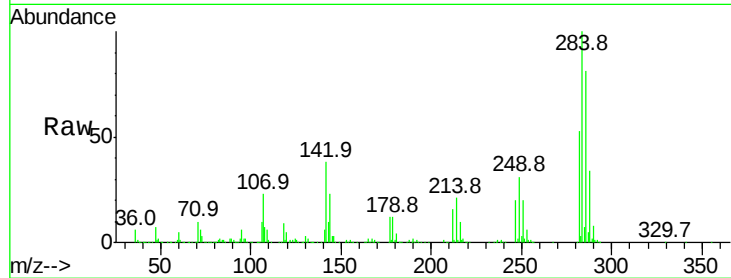
Tot Ion:284 Resp: 1389487

Ion Ratio Lower Upper

284 100

142 38.2 20.4 30.6#

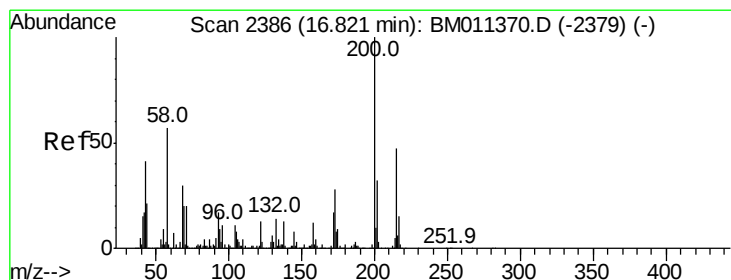
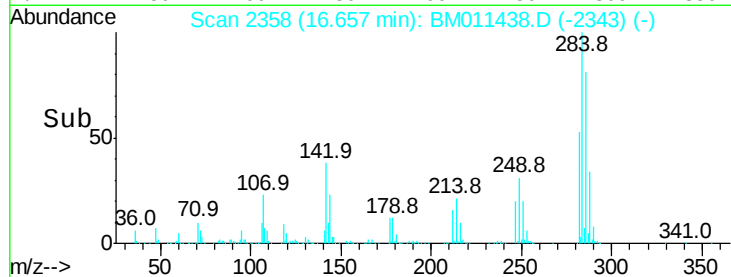
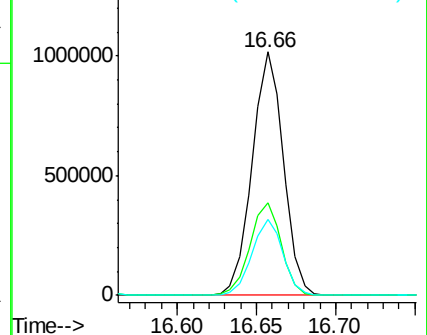
249 31.3 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 49.014 ng

RT: 16.82 min Scan# 2385

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

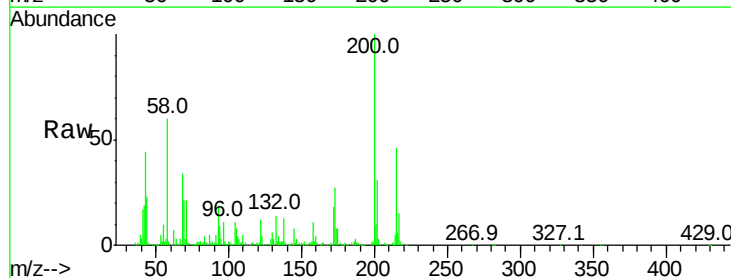
Tgt Ion:200 Resp: 1179424

Ion Ratio Lower Upper

200 100

173 27.3 4.8 44.8

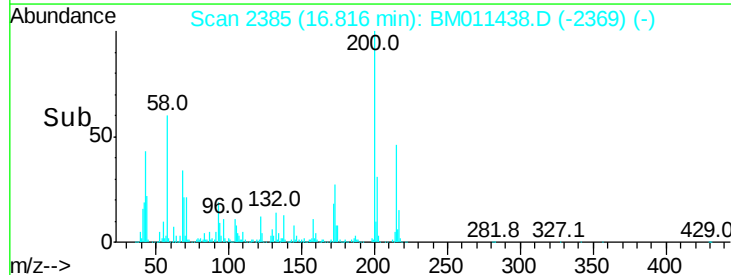
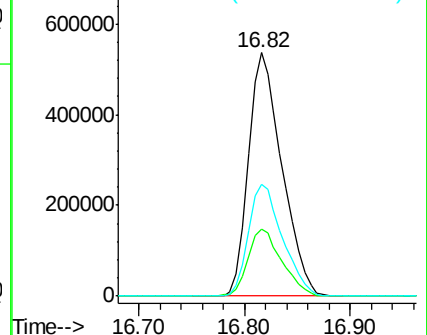
215 45.9 26.9 66.9

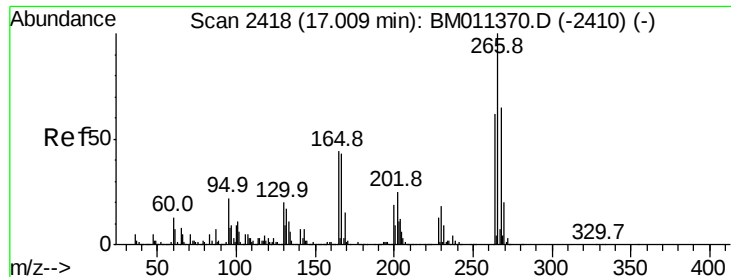


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

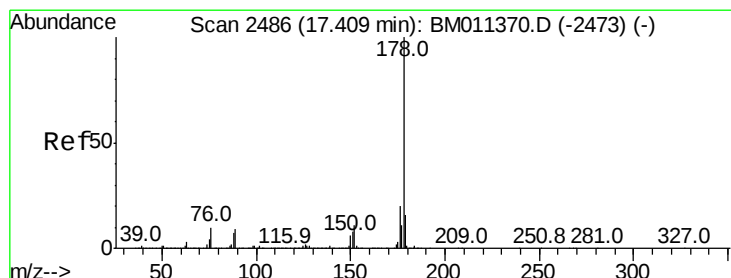
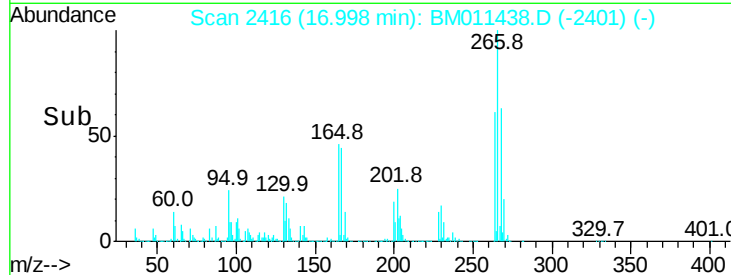
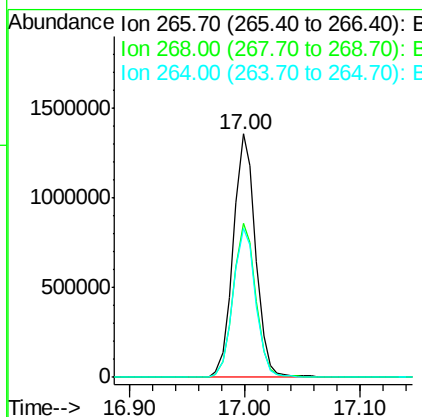
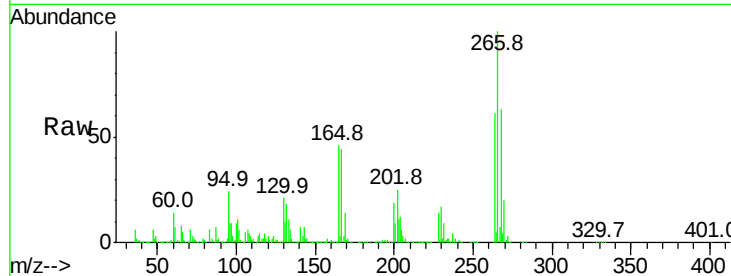




#69  
 Pentachlorophenol  
 Concen: 103.050 ng  
 RT: 17.00 min Scan# 2416  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

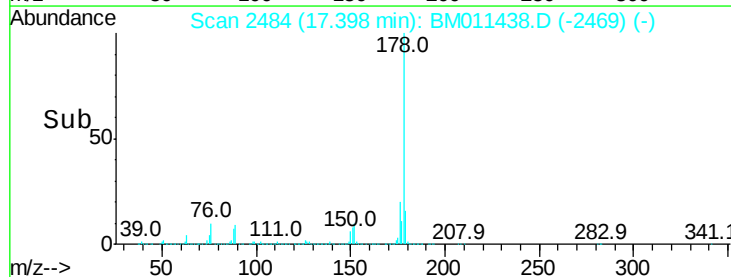
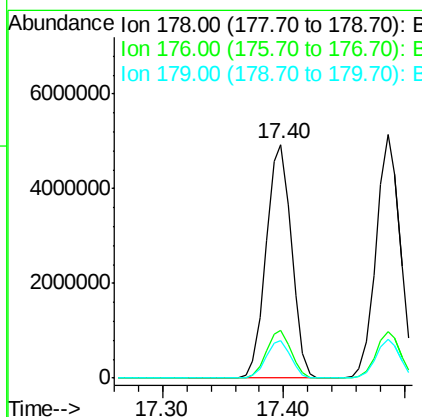
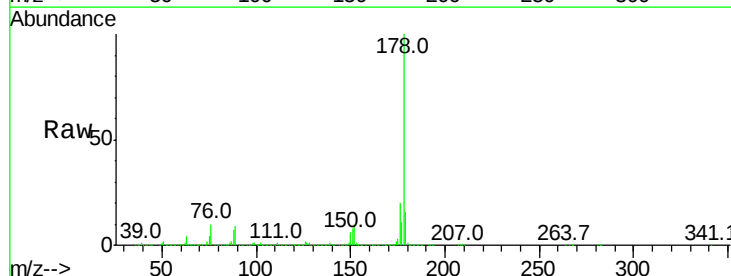
Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

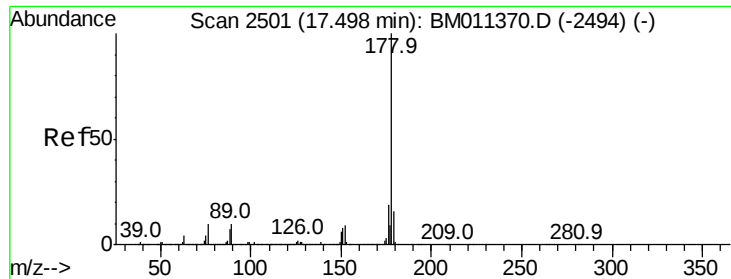
Tot Ion:266 Resp: 1819550  
 Ion Ratio Lower Upper  
 266 100  
 268 63.1 52.0 78.0  
 264 61.3 49.0 73.4



#70  
 Phenanthrene  
 Concen: 49.174 ng  
 RT: 17.40 min Scan# 2484  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:178 Resp: 7135469  
 Ion Ratio Lower Upper  
 178 100  
 176 20.3 15.2 22.8  
 179 16.0 12.1 18.1



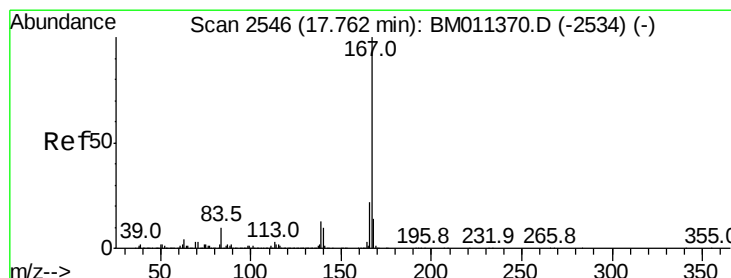
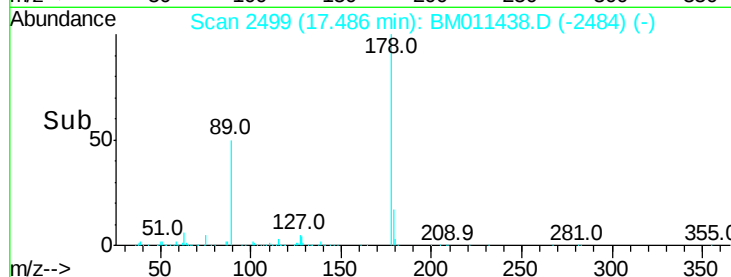
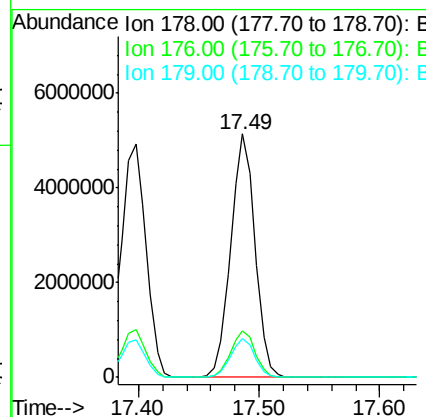
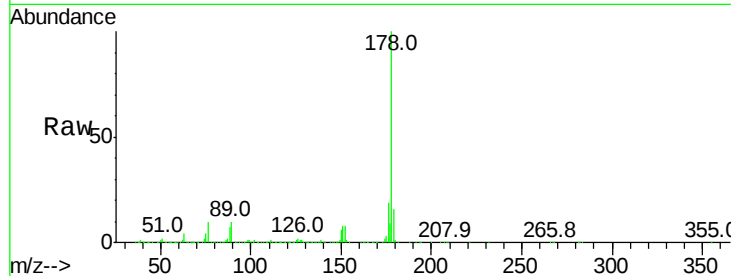


#71  
 Anthracene  
 Concen: 48.927 ng  
 RT: 17.49 min Scan# 2499  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Instrument :  
 BNA\_M  
 ClientSampleId :  
 72-11948MSD

Tot Ion:178 Resp: 7139041  

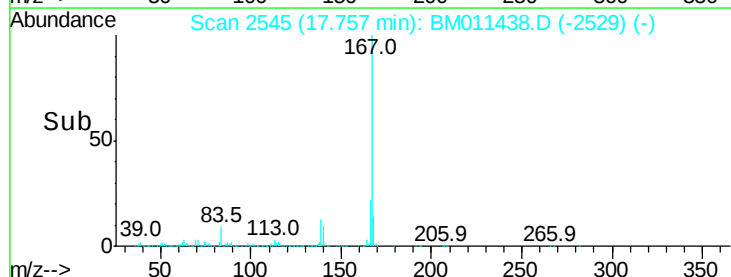
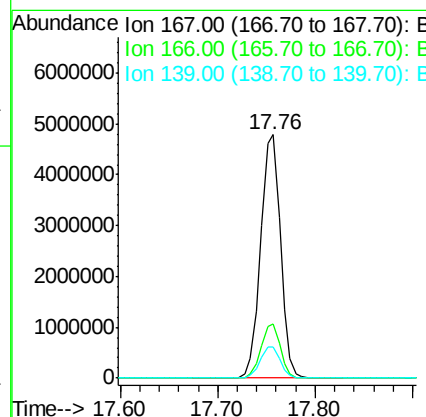
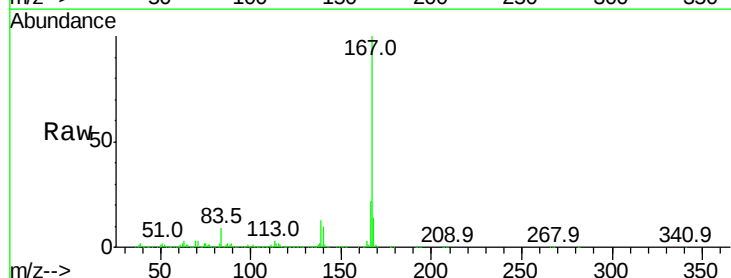
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.3  | 14.6  | 22.0  |
| 179 | 16.1  | 12.6  | 19.0  |

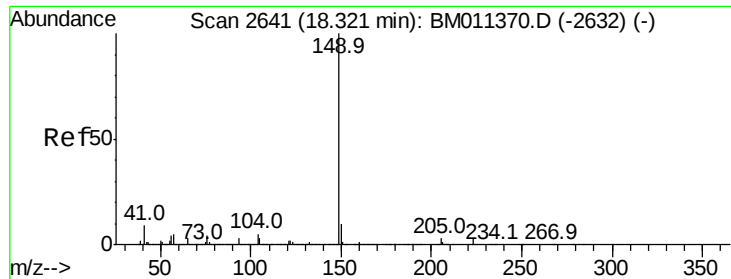


#72  
 Carbazole  
 Concen: 48.365 ng  
 RT: 17.76 min Scan# 2545  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:167 Resp: 6800828  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 22.0  | 17.2  | 25.8  |
| 139 | 13.0  | 10.8  | 16.2  |

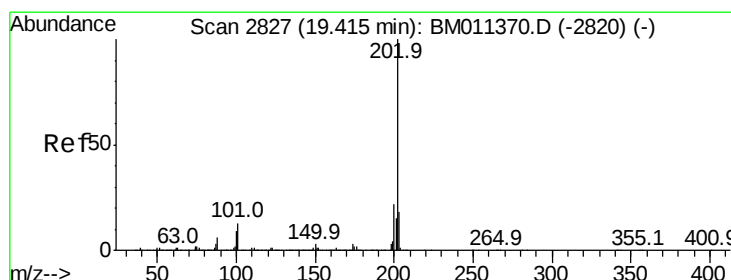
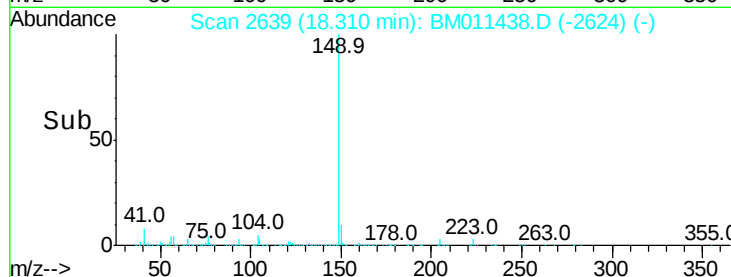
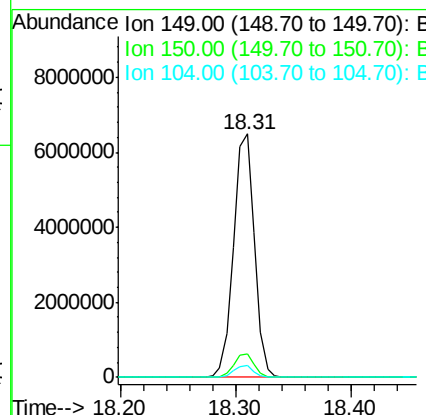
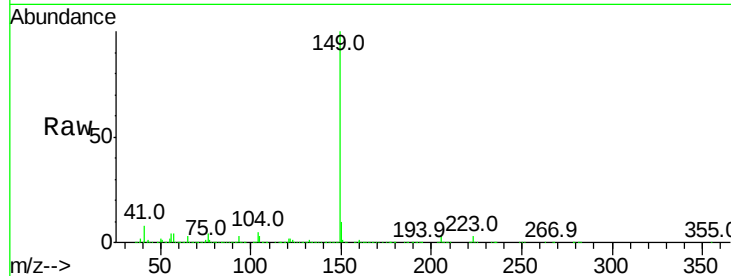




#73  
Di-n-butylphthalate  
Concen: 49.557 ng  
RT: 18.31 min Scan# 2639  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

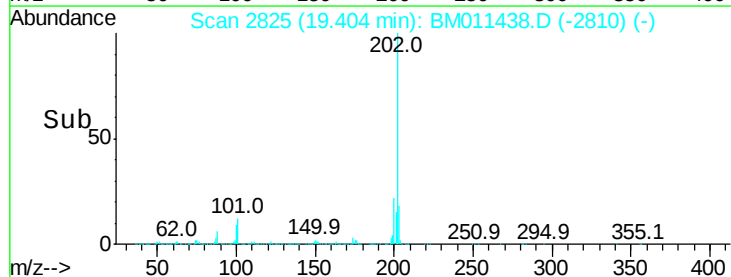
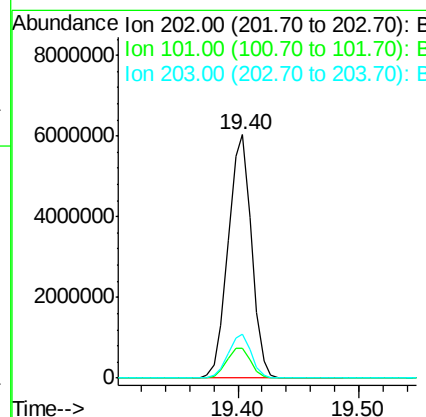
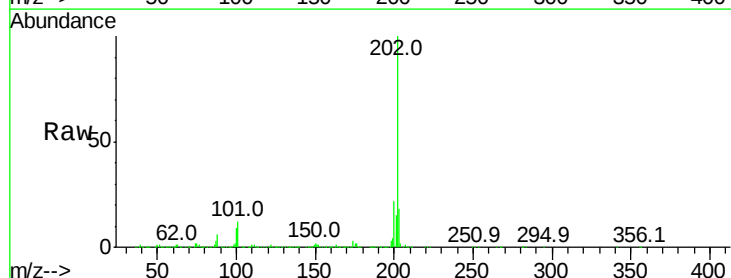
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

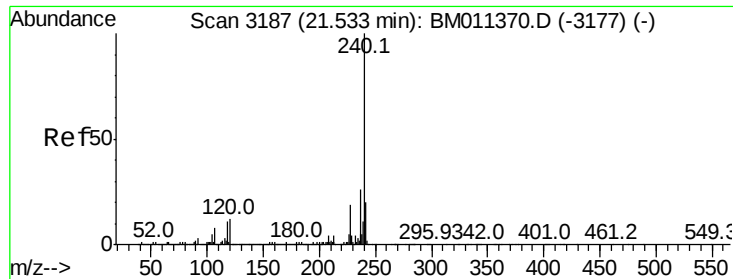
Tot Ion:149 Resp: 8095907  
Ion Ratio Lower Upper  
149 100  
150 9.6 7.5 11.3  
104 4.7 3.7 5.5



#74  
Fluoranthene  
Concen: 48.607 ng  
RT: 19.40 min Scan# 2825  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:202 Resp: 8047957  
Ion Ratio Lower Upper  
202 100  
101 12.4 0.0 28.7  
203 18.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

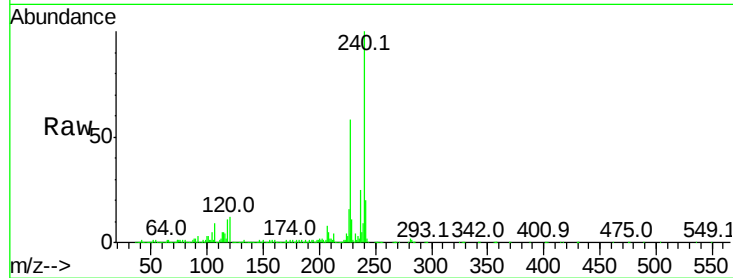
Tot Ion:240 Resp: 2996846

Ion Ratio Lower Upper

240 100

120 12.1 8.2 12.2

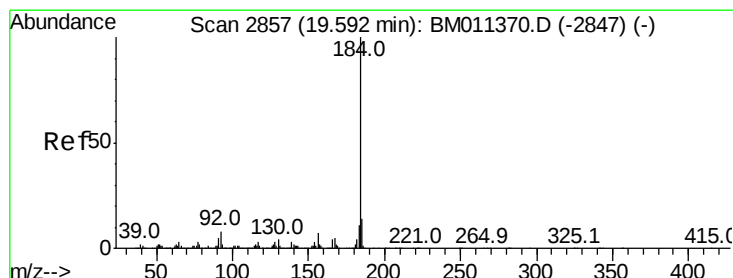
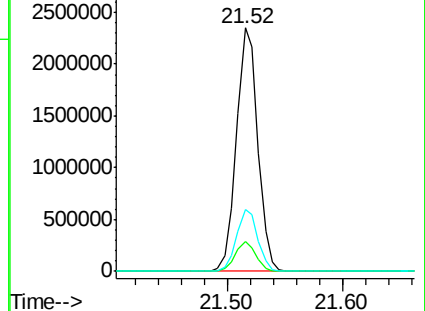
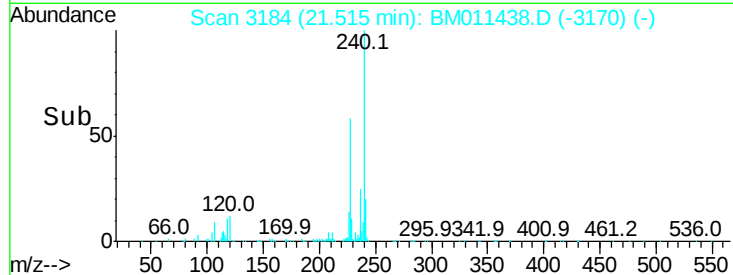
236 25.5 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 34.109 ng

RT: 19.59 min Scan# 2857

Delta R.T. 0.00 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

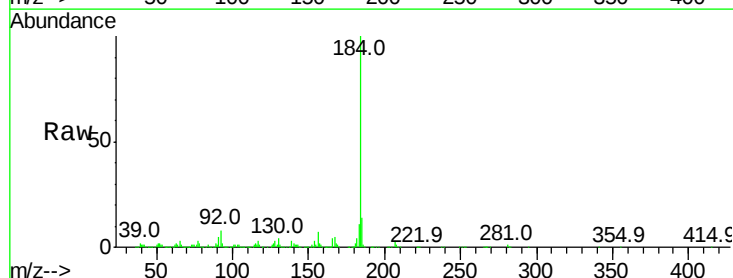
Tgt Ion:184 Resp: 2017472

Ion Ratio Lower Upper

184 100

185 13.9 11.3 16.9

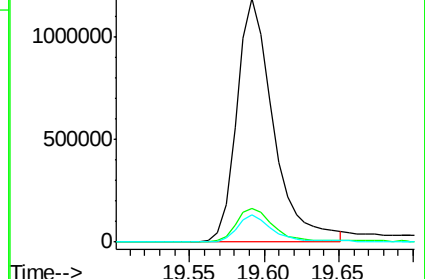
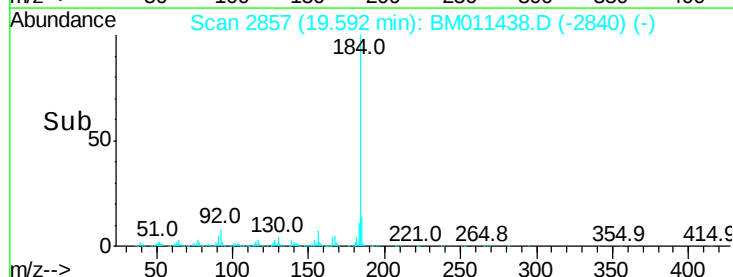
183 11.2 8.9 13.3

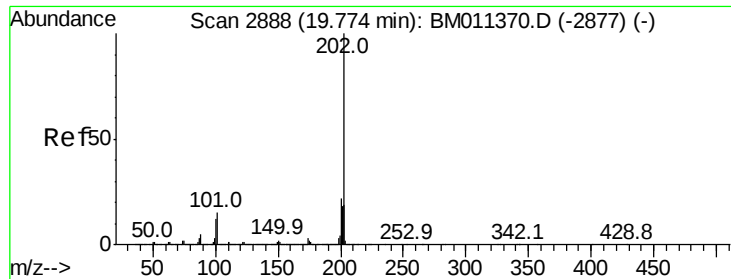


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 46.259 ng

RT: 19.76 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

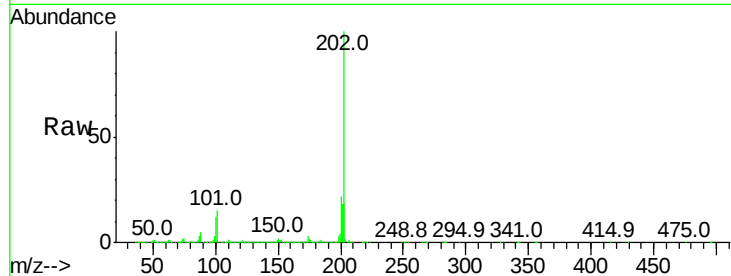
Tot Ion:202 Resp: 8495084

Ion Ratio Lower Upper

202 100

200 22.0 16.9 25.3

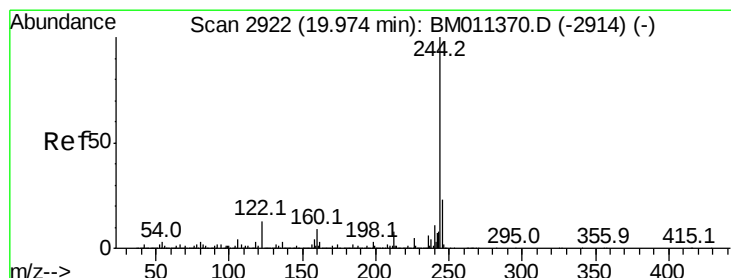
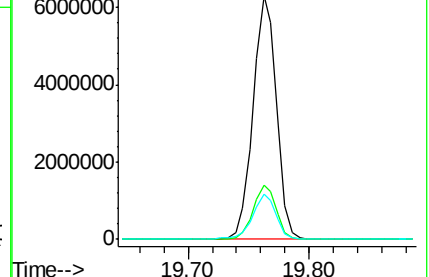
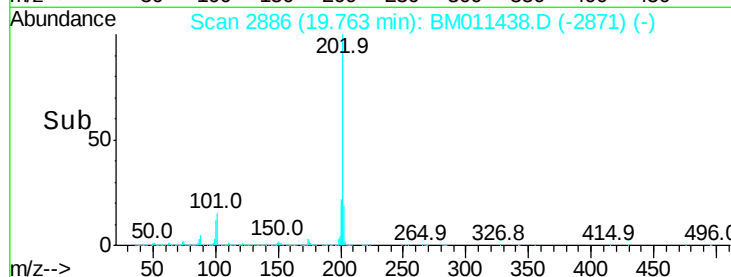
203 18.6 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.991 ng

RT: 19.96 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

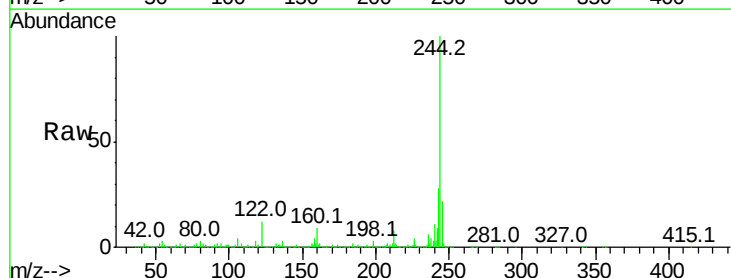
Tgt Ion:244 Resp:10990031

Ion Ratio Lower Upper

244 100

212 8.1 4.9 7.3#

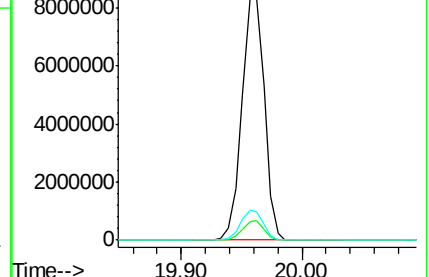
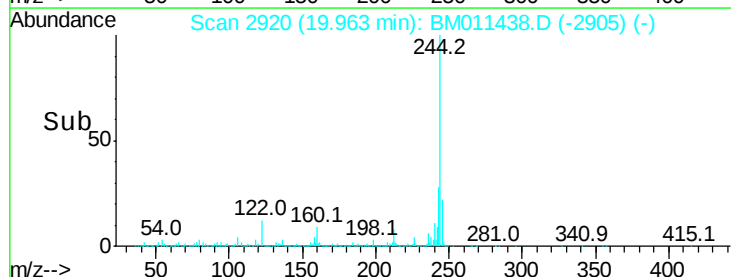
122 11.7 6.2 9.4#

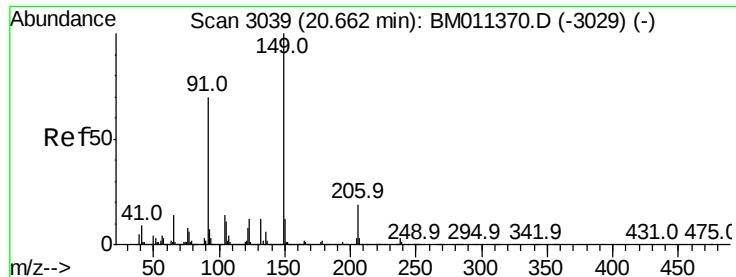


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

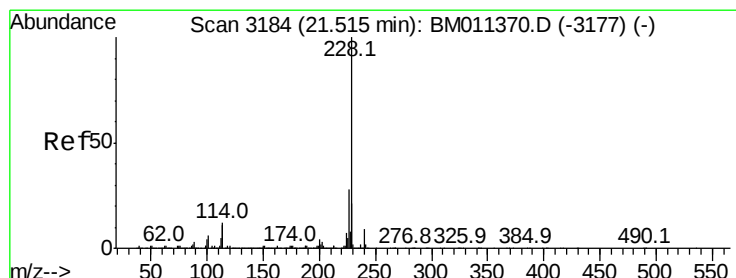
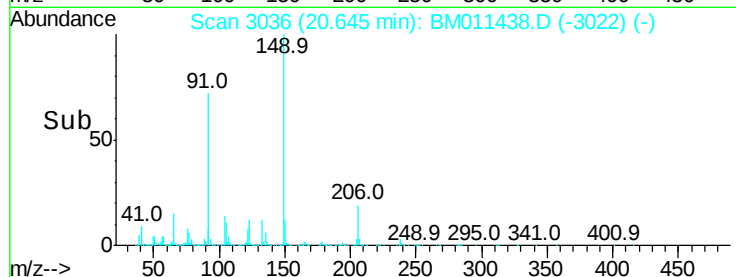
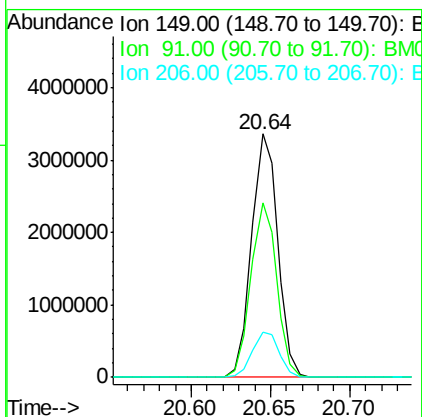
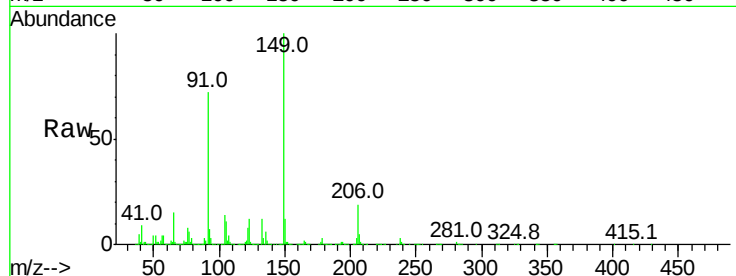




#79  
Butylbenzylphthalate  
Concen: 47.692 ng  
RT: 20.64 min Scan# 3036  
Delta R.T. -0.02 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

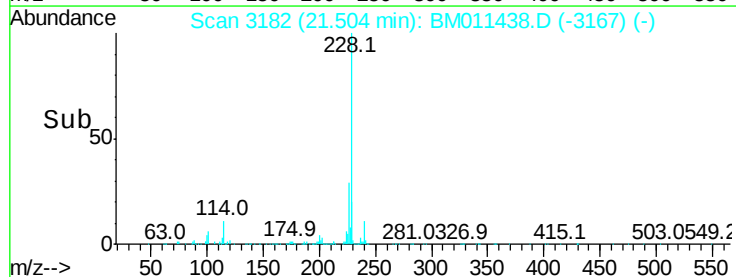
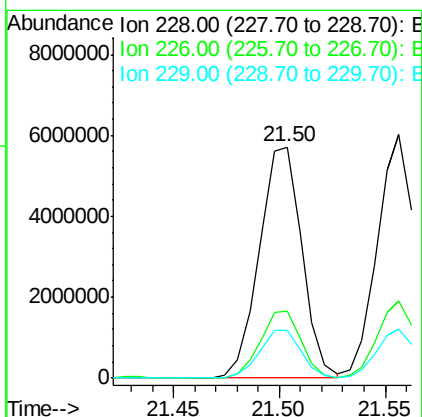
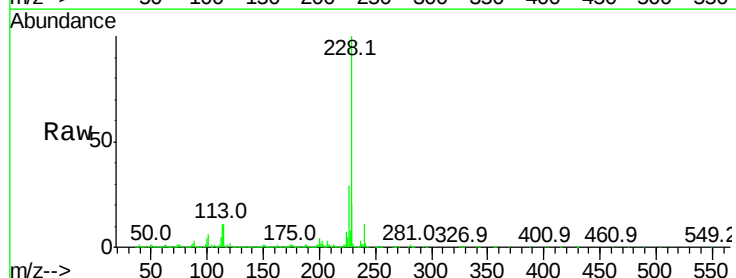
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

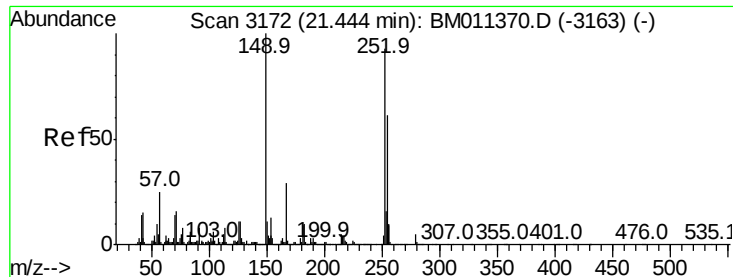
Tot Ion:149 Resp: 3869181  
Ion Ratio Lower Upper  
149 100  
91 71.6 50.1 75.1  
206 18.7 16.2 24.2



#80  
Benzo(a)anthracene  
Concen: 47.766 ng  
RT: 21.50 min Scan# 3182  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:228 Resp: 8006292  
Ion Ratio Lower Upper  
228 100  
226 28.7 21.7 32.5  
229 20.5 16.0 24.0

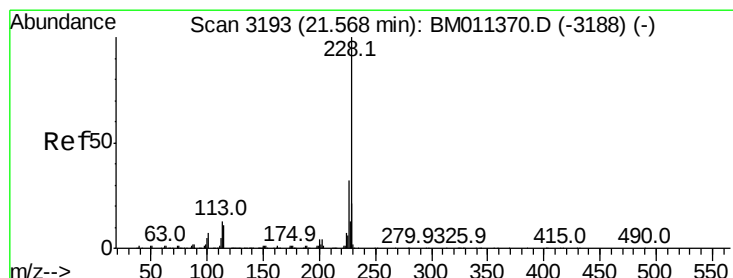
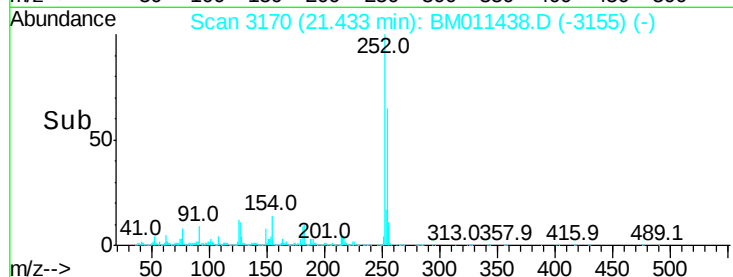
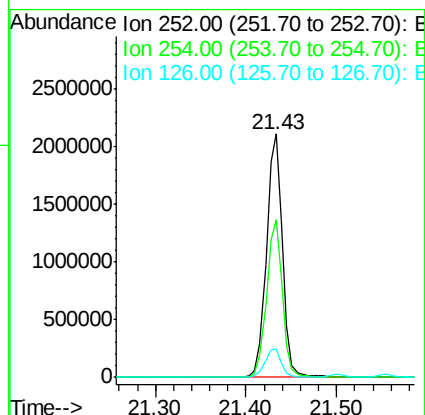
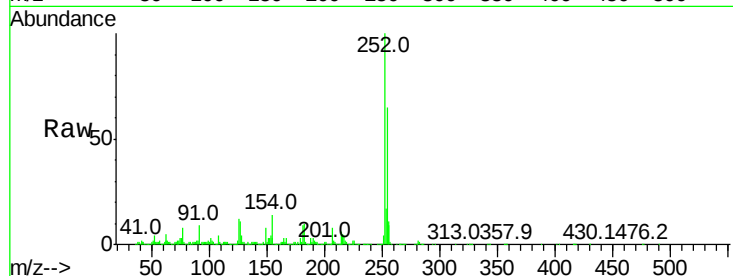




#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.834 ng  
 RT: 21.43 min Scan# 3170  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

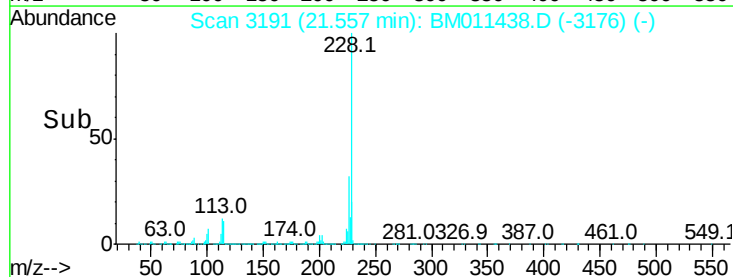
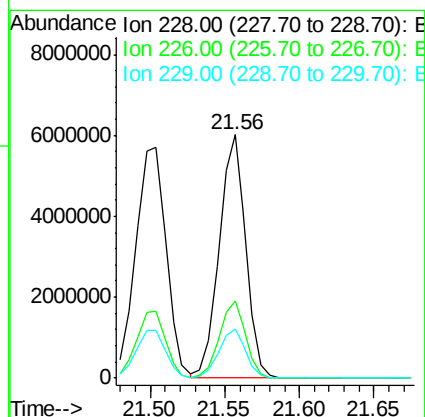
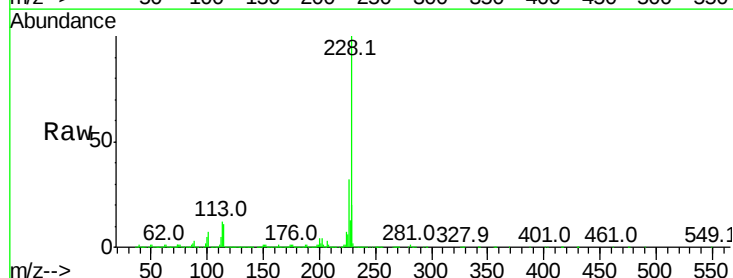
Instrument :  
 BNA\_M  
 ClientSampled :  
 72-11948MSD

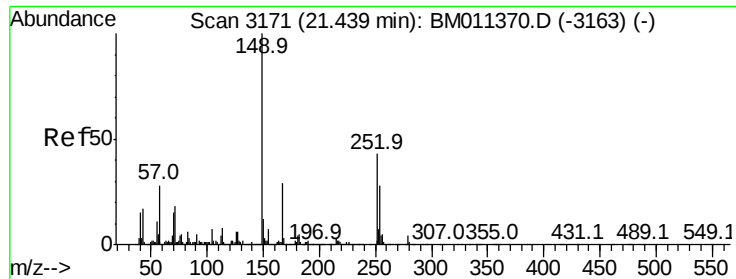
Tot Ion:252 Resp: 2598442  
 Ion Ratio Lower Upper  
 252 100  
 254 64.9 51.9 77.9  
 126 11.8 9.8 14.8



#82  
 Chrysene  
 Concen: 47.336 ng  
 RT: 21.56 min Scan# 3191  
 Delta R.T. -0.01 min  
 Lab File: BM011438.D  
 Acq: 05 Sep 2017 18:48

Tgt Ion:228 Resp: 7478270  
 Ion Ratio Lower Upper  
 228 100  
 226 31.6 24.1 36.1  
 229 20.3 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 48.270 ng

RT: 21.42 min Scan# 3167

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

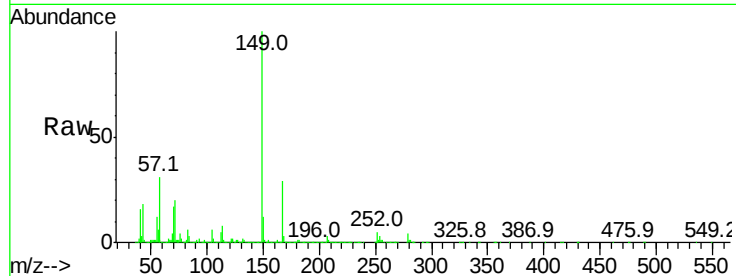
BNA\_M

ClientSampleId :

72-11948MSD

Tot Ion:149 Resp: 5741165

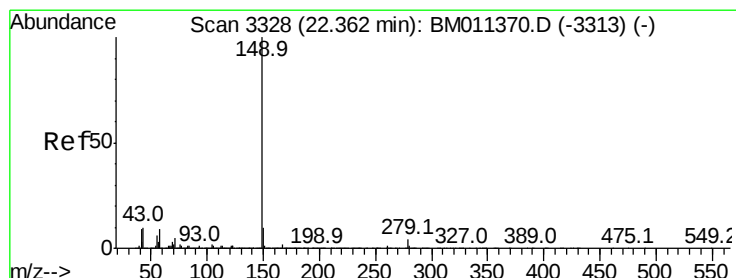
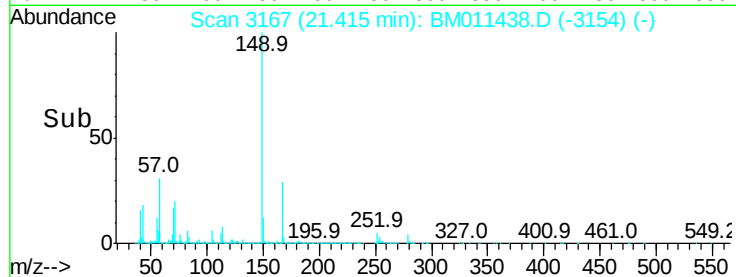
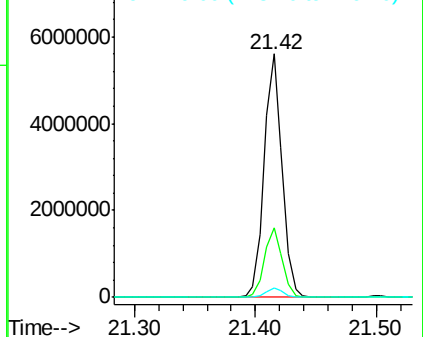
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 28.7  | 22.4  | 33.6  |
| 279 | 3.7   | 3.4   | 5.0   |



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

Di-n-octyl phthalate

Concen: 49.506 ng

RT: 22.33 min Scan# 3323

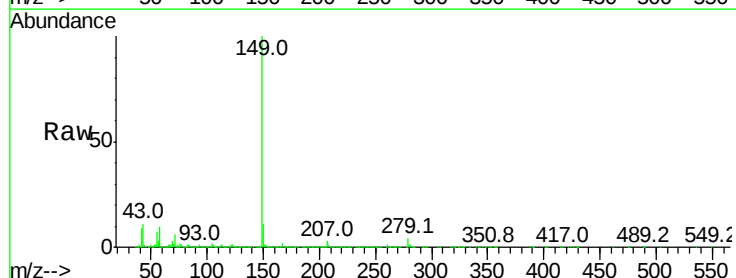
Delta R.T. -0.03 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Tgt Ion:149 Resp: 9925966

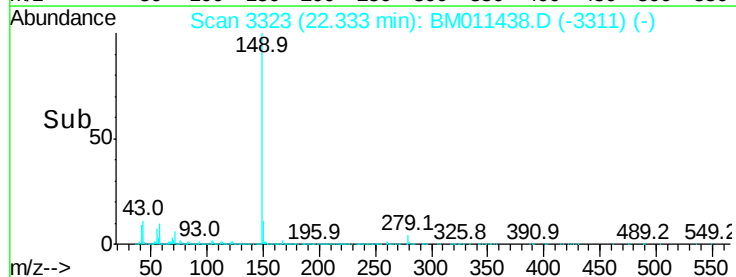
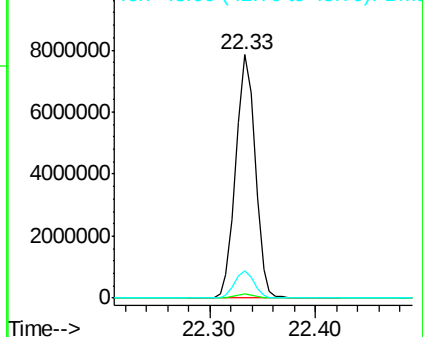
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 149 | 100   |       |       |
| 167 | 1.6   | 1.2   | 1.8   |
| 43  | 11.2  | 7.3   | 10.9# |

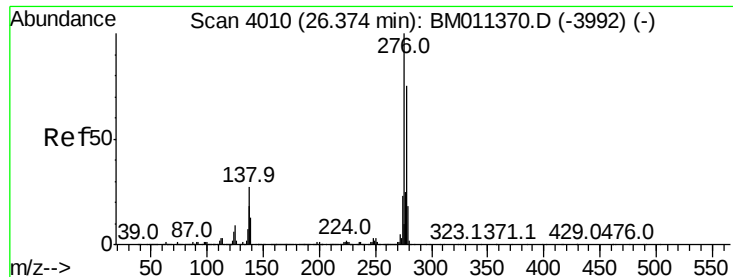


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM

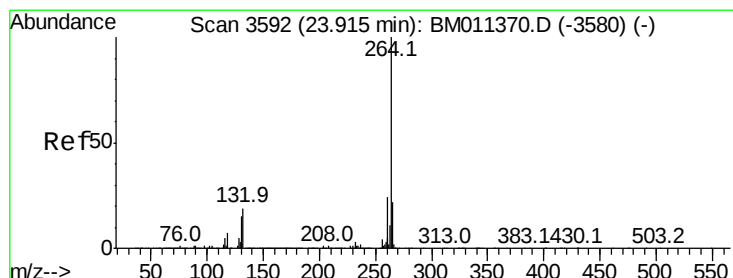
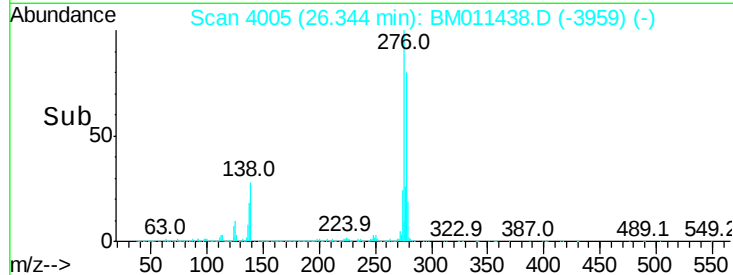
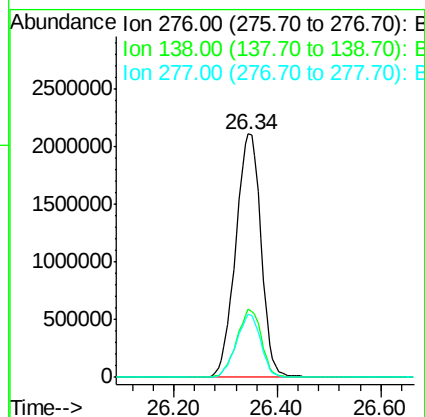
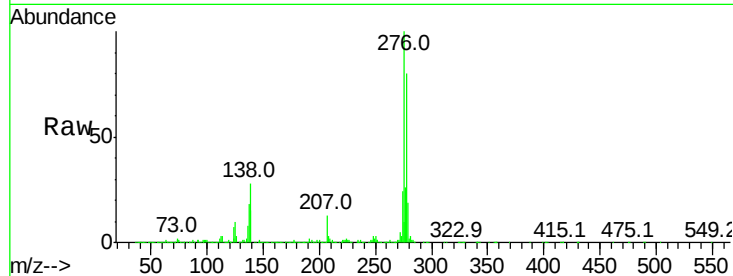




#85  
Indeno(1,2,3-cd)pyrene  
Concen: 48.784 ng  
RT: 26.34 min Scan# 4005  
Delta R.T. -0.03 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

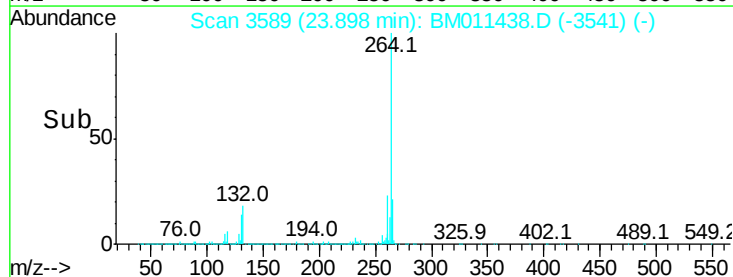
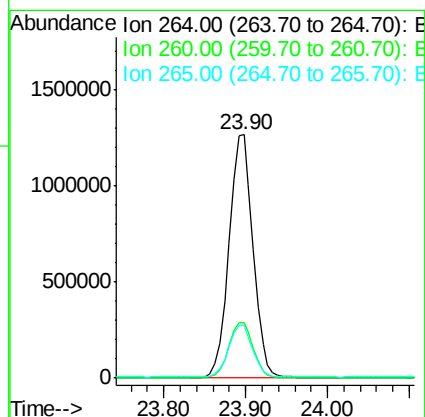
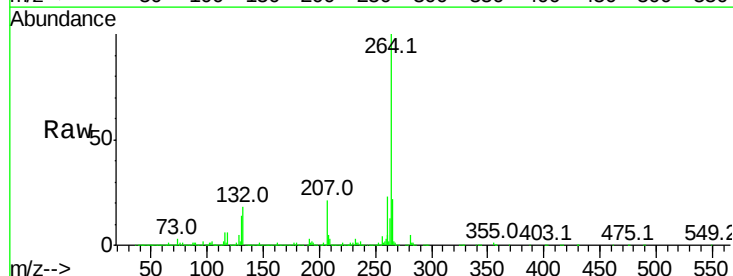
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

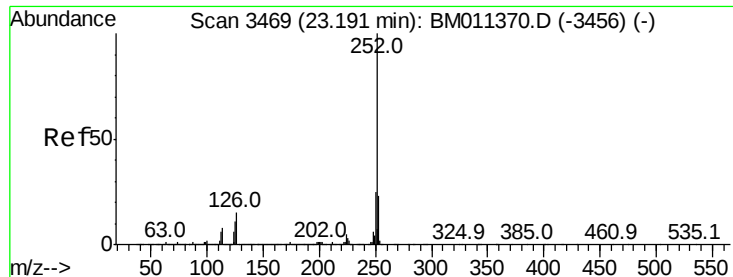
Tot Ion:276 Resp: 7189225  
Ion Ratio Lower Upper  
276 100  
138 27.5 12.0 18.0#  
277 25.1 20.0 30.0



#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 23.90 min Scan# 3589  
Delta R.T. -0.02 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:264 Resp: 2597498  
Ion Ratio Lower Upper  
264 100  
260 23.0 18.6 27.8  
265 21.6 17.3 25.9

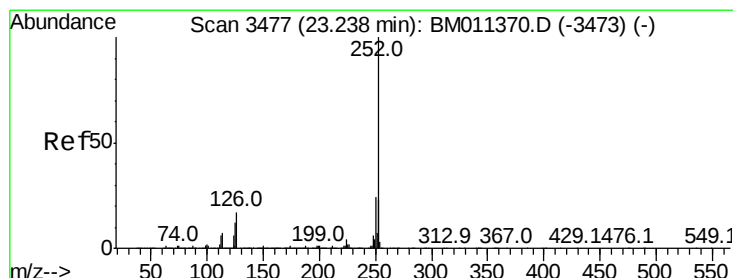
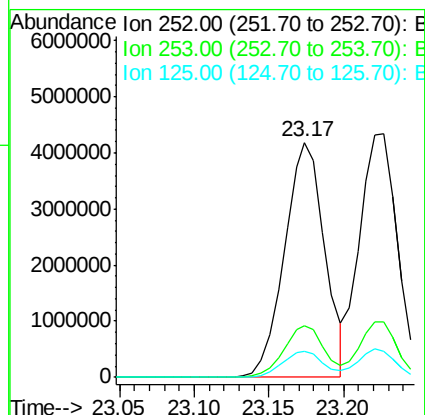
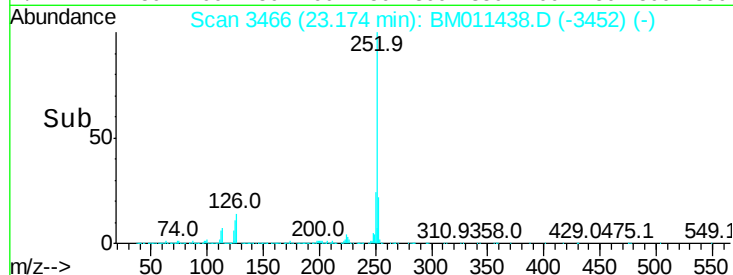
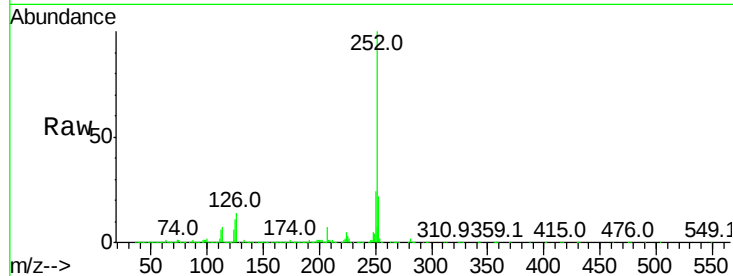




#87  
Benzo(b)fluoranthene  
Concen: 49.191 ng  
RT: 23.17 min Scan# 3466  
Delta R.T. -0.02 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

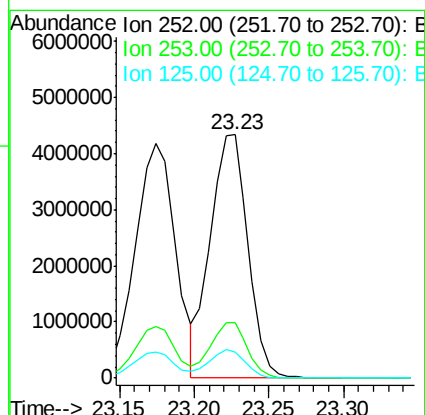
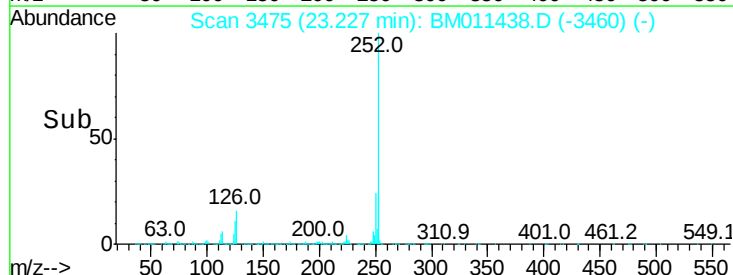
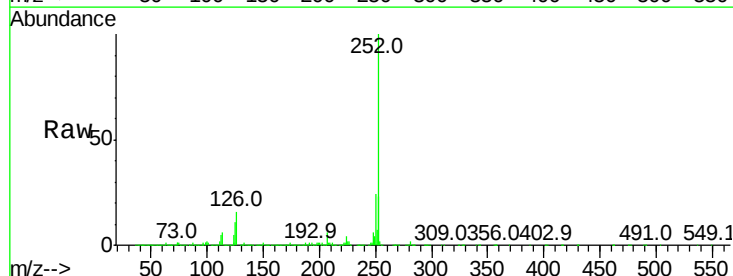
Instrument :  
BNA\_M  
ClientSampleId :  
72-11948MSD

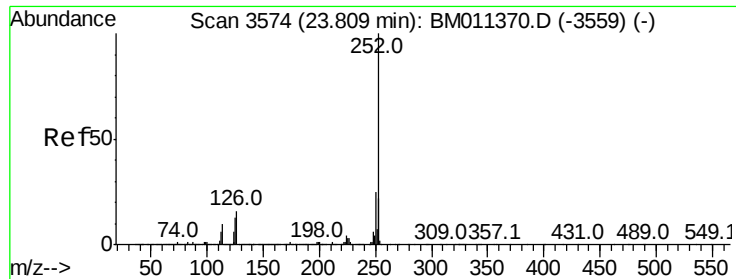
Tot Ion:252 Resp: 7844662  
Ion Ratio Lower Upper  
252 100  
253 22.2 18.0 27.0  
125 11.0 9.9 14.9



#88  
Benzo(k)fluoranthene  
Concen: 49.530 ng  
RT: 23.23 min Scan# 3475  
Delta R.T. -0.01 min  
Lab File: BM011438.D  
Acq: 05 Sep 2017 18:48

Tgt Ion:252 Resp: 7573015  
Ion Ratio Lower Upper  
252 100  
253 22.8 17.2 25.8  
125 10.9 8.1 12.1





#89

Benzo(a)pyrene

Concen: 50.295 ng

RT: 23.79 min Scan# 3571

Delta R.T. -0.02 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

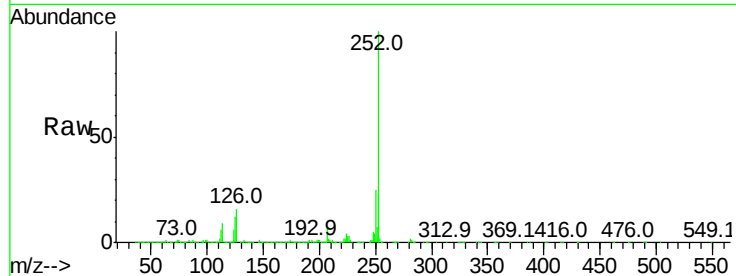
Tot Ion:252 Resp: 7234182

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

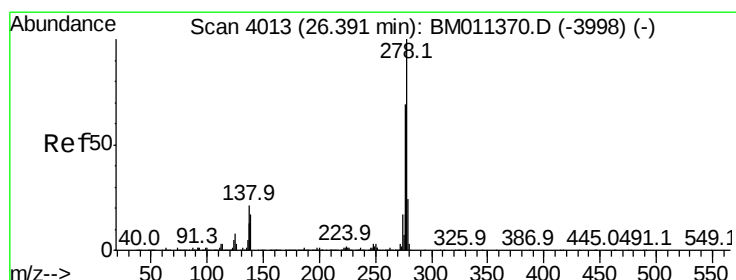
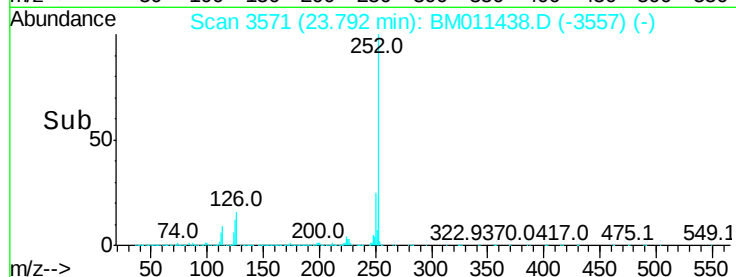
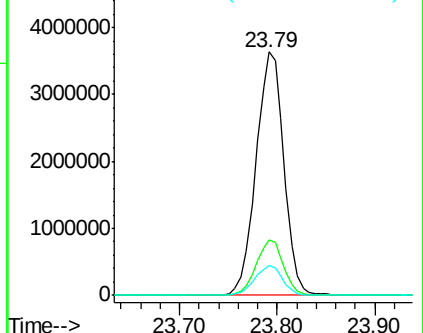
125 12.5 7.4 11.2#



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

Dibenzo(a,h)anthracene

Concen: 48.530 ng

RT: 26.36 min Scan# 4007

Delta R.T. -0.03 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

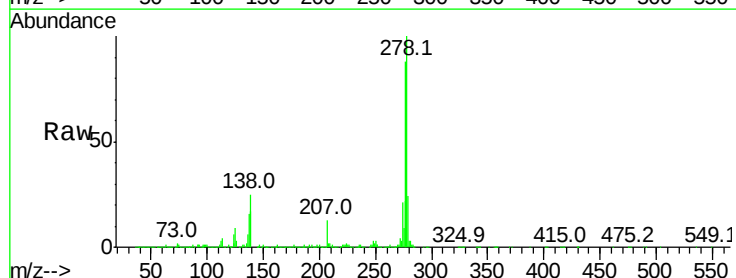
Tgt Ion:278 Resp: 5973848

Ion Ratio Lower Upper

278 100

139 17.3 13.4 20.0

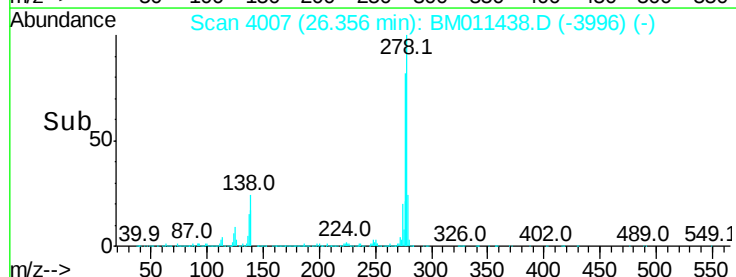
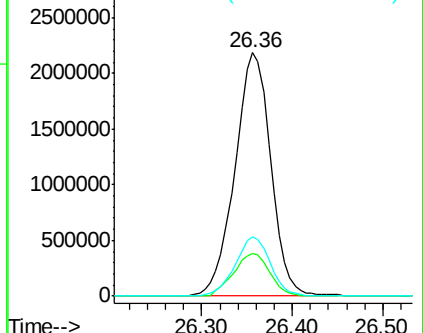
279 24.3 19.0 28.4

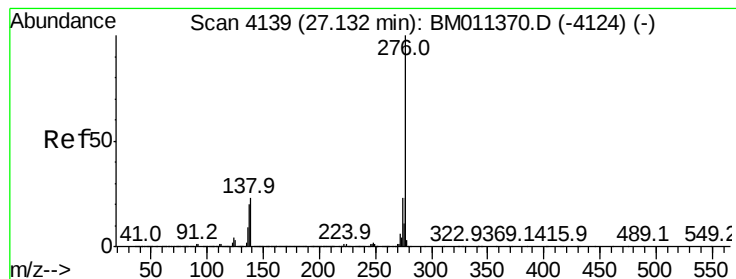


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.528 ng

RT: 27.10 min Scan# 4133

Delta R.T. -0.03 min

Lab File: BM011438.D

Acq: 05 Sep 2017 18:48

Instrument :

BNA\_M

ClientSampleId :

72-11948MSD

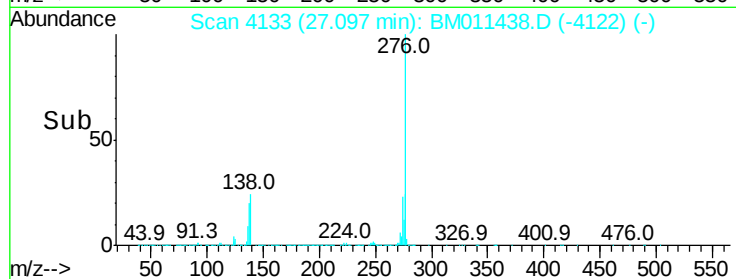
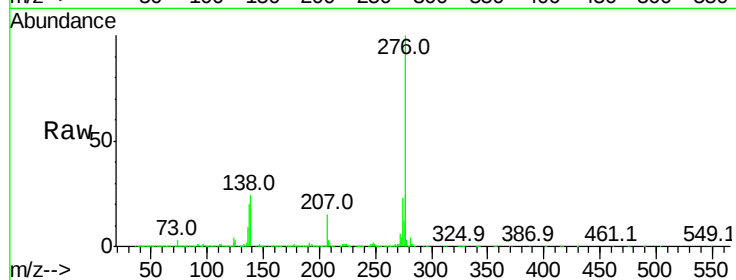
Tot Ion:276 Resp: 5654099

Ion Ratio Lower Upper

276 100

277 24.0 18.5 27.7

138 23.8 19.0 28.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

