

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\  
 Data File : BM011107.D  
 Acq On : 03 Aug 2017 02:59  
 Operator : SJ/JU  
 Sample : SSTDC0040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 03 03:52:44 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.38  | 152  | 140440   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.14 | 136  | 676086   | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.04 | 164  | 586777   | 20.00 | ng    | -0.01    |
| 63) Phenanthrene-d10      | 16.80 | 188  | 1841449  | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.02 | 240  | 2467508  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.13 | 264  | 1910178  | 20.00 | ng    | -0.01    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.02  | 112 | 639692  | 77.00 | ng | -0.01 |
| 7) Phenol-d6                | 6.58  | 99  | 997383  | 84.50 | ng | -0.01 |
| 23) Nitrobenzene-d5         | 8.53  | 82  | 1577106 | 87.55 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol    | 15.54 | 330 | 890667  | 94.70 | ng | -0.01 |
| 44) 2-Fluorobiphenyl        | 12.65 | 172 | 3526643 | 75.38 | ng | -0.01 |
| 78) Terphenyl-d14           | 19.46 | 244 | 9990016 | 80.20 | ng | 0.00  |

|                                |       |     |         |       |    |        |
|--------------------------------|-------|-----|---------|-------|----|--------|
| Target Compounds               |       |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.03  | 88  | 148751  | 39.88 | ng | # 100  |
| 3) Pyridine                    | 3.40  | 79  | 442184  | 43.40 | ng | 92     |
| 4) n-Nitrosodimethylamine      | 3.32  | 42  | 260129  | 50.10 | ng | # 64   |
| 6) Aniline                     | 6.73  | 93  | 655213  | 44.04 | ng | # 86   |
| 8) 2-Chlorophenol              | 6.95  | 128 | 348025  | 41.26 | ng | # 72   |
| 9) Benzaldehyde                | 6.54  | 77  | 335494  | 43.93 | ng | # 72   |
| 10) Phenol                     | 6.60  | 94  | 528220  | 41.20 | ng | 90     |
| 11) bis(2-Chloroethyl)ether    | 6.83  | 93  | 423468  | 42.39 | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 7.27  | 146 | 415595  | 40.43 | ng | # 79   |
| 13) 1,4-Dichlorobenzene        | 7.42  | 146 | 424507  | 40.29 | ng | # 87   |
| 14) 1,2-Dichlorobenzene        | 7.72  | 146 | 406541  | 40.35 | ng | # 87   |
| 15) Benzyl Alcohol             | 7.63  | 79  | 553883  | 48.91 | ng | # 79   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.92  | 45  | 418633  | 46.57 | ng | 80     |
| 17) 2-Methylphenol             | 7.83  | 107 | 361648  | 44.14 | ng | # 68   |
| 18) Hexachloroethane           | 8.43  | 117 | 200226  | 43.57 | ng | # 83   |
| 19) n-Nitroso-di-n-propylamine | 8.19  | 70  | 517896  | 51.63 | ng | # 95   |
| 20) 3+4-Methylphenols          | 8.16  | 107 | 517925  | 45.47 | ng | # 78   |
| 22) Acetophenone               | 8.20  | 105 | 776309  | 38.31 | ng | # 90   |
| 24) Nitrobenzene               | 8.57  | 77  | 811901  | 43.49 | ng | # 82   |
| 25) Isophorone                 | 9.09  | 82  | 1326251 | 44.16 | ng | # 85   |
| 26) 2-Nitrophenol              | 9.27  | 139 | 234913  | 39.55 | ng | # 1    |
| 27) 2,4-Dimethylphenol         | 9.35  | 122 | 403416  | 38.58 | ng | # 66   |
| 28) bis(2-Chloroethoxy)methane | 9.58  | 93  | 686384  | 40.97 | ng | 98     |
| 29) 2,4-Dichlorophenol         | 9.80  | 162 | 485972  | 41.36 | ng | 96     |
| 30) 1,2,4-Trichlorobenzene     | 10.01 | 180 | 582891  | 40.12 | ng | 98     |
| 31) Naphthalene                | 10.19 | 128 | 1377574 | 40.50 | ng | 99     |
| 32) Benzoic acid               | 9.52  | 122 | 369652  | 43.98 | ng | # 55   |
| 33) 4-Chloroaniline            | 10.31 | 127 | 580907  | 42.81 | ng | # 69   |
| 34) Hexachlorobutadiene        | 10.47 | 225 | 475936  | 41.60 | ng | 95     |
| 35) Caprolactam                | 11.11 | 113 | 140431  | 42.15 | ng | 93     |
| 36) 4-Chloro-3-methylphenol    | 11.45 | 107 | 720648  | 47.50 | ng | # 73   |
| 37) 2-Methylnaphthalene        | 11.81 | 142 | 1102584 | 44.13 | ng | # 87   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.19 | 216 | 920504  | 36.51 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.17 | 237 | 504631  | 34.35 | ng | 94     |

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080217\  
 Data File : BM011107.D  
 Acq On : 03 Aug 2017 02:59  
 Operator : SJ/JU  
 Sample : SSTDCCC040  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

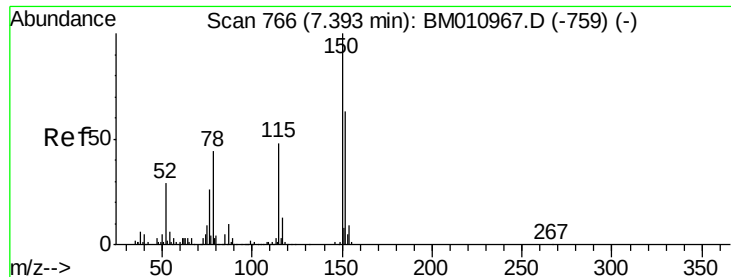
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Aug 03 03:52:44 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Wed Jul 26 17:29:06 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 42) 2,4,6-Trichlorophenol      | 12.45 | 196  | 583956   | 38.27 | nq    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.52 | 196  | 614762   | 39.12 | nq    | # 87     |
| 45) 1,1'-Biphenyl              | 12.86 | 154  | 1911241  | 37.67 | nq    | 96       |
| 46) 2-Chloronaphthalene        | 12.89 | 162  | 1394072  | 37.29 | nq    | # 91     |
| 47) 2-Nitroaniline             | 13.12 | 65   | 644986   | 48.77 | nq    | # 64     |
| 48) Acenaphthylene             | 13.76 | 152  | 2270354  | 40.70 | nq    | 100      |
| 49) Dimethylphthalate          | 13.52 | 163  | 2081043  | 41.46 | nq    | # 99     |
| 50) 2,6-Dinitrotoluene         | 13.63 | 165  | 437372   | 43.09 | nq    | # 41     |
| 51) Acenaphthene               | 14.10 | 154  | 1432178  | 41.46 | nq    | 98       |
| 52) 3-Nitroaniline             | 13.96 | 138  | 401365   | 45.57 | nq    | # 27     |
| 53) 2,4-Dinitrophenol          | 14.17 | 184  | 354157   | 49.09 | nq    | # 71     |
| 54) Dibenzofuran               | 14.44 | 168  | 2393073  | 42.75 | nq    | # 91     |
| 55) 4-Nitrophenol              | 14.28 | 139  | 351739   | 45.45 | nq    | # 82     |
| 56) 2,4-Dinitrotoluene         | 14.43 | 165  | 679120   | 47.66 | nq    | 86       |
| 57) Fluorene                   | 15.10 | 166  | 2216625  | 45.49 | nq    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.67 | 232  | 681277   | 46.25 | nq    | # 100    |
| 59) Diethylphthalate           | 14.90 | 149  | 2327833  | 45.41 | nq    | 99       |
| 60) 4-Chlorophenyl-phenylether | 15.10 | 204  | 1306812  | 44.41 | nq    | 97       |
| 61) 4-Nitroaniline             | 15.14 | 138  | 420873   | 44.98 | nq    | # 1      |
| 62) Azobenzene                 | 15.40 | 77   | 2786780  | 50.79 | nq    | 87       |
| 64) 4,6-Dinitro-2-methylphenol | 15.19 | 198  | 489295   | 39.25 | nq    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.32 | 169  | 1980293  | 37.58 | nq    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.00 | 248  | 918531   | 38.80 | nq    | # 89     |
| 67) Hexachlorobenzene          | 16.10 | 284  | 1029024  | 38.47 | nq    | # 87     |
| 68) Atrazine                   | 16.29 | 200  | 865055   | 40.96 | nq    | 97       |
| 69) Pentachlorophenol          | 16.45 | 266  | 721331   | 42.47 | nq    | 97       |
| 70) Phenanthrene               | 16.84 | 178  | 3999155  | 41.48 | nq    | 99       |
| 71) Anthracene                 | 16.93 | 178  | 4019250  | 41.80 | nq    | 99       |
| 72) Carbazole                  | 17.21 | 167  | 3648462  | 43.38 | nq    | 98       |
| 73) Di-n-butylphthalate        | 17.79 | 149  | 4579524  | 44.72 | nq    | # 96     |
| 74) Fluoranthene               | 18.87 | 202  | 5551161  | 46.46 | nq    | 99       |
| 76) Benzidine                  | 19.07 | 184  | 2272826  | 38.50 | nq    | 98       |
| 77) Pyrene                     | 19.24 | 202  | 5676639  | 38.72 | nq    | 99       |
| 79) Butylbenzylphthalate       | 20.17 | 149  | 2190686  | 42.02 | nq    | # 62     |
| 80) Benzo(a)anthracene         | 21.00 | 228  | 5763552  | 40.91 | nq    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 20.95 | 252  | 2236531  | 40.46 | nq    | # 98     |
| 82) Chrysene                   | 21.06 | 228  | 5442629  | 40.24 | nq    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 20.96 | 149  | 3325952  | 43.36 | nq    | # 99     |
| 84) Di-n-octyl phthalate       | 21.82 | 149  | 5268906  | 42.33 | nq    | 97       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.20 | 276  | 4344705  | 31.02 | nq    | # 96     |
| 87) Benzo(b)fluoranthene       | 22.51 | 252  | 5146113  | 41.98 | nq    | # 92     |
| 88) Benzo(k)fluoranthene       | 22.55 | 252  | 5042191  | 42.91 | nq    | # 95     |
| 89) Benzo(a)pyrene             | 23.04 | 252  | 4589619  | 41.37 | nq    | # 95     |
| 90) Dibenzo(a,h)anthracene     | 25.21 | 278  | 3568489  | 34.70 | nq    | # 90     |
| 91) Benzo(g,h,i)perylene       | 25.83 | 276  | 3440298  | 34.07 | nq    | # 85     |
| -----                          |       |      |          |       |       |          |

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



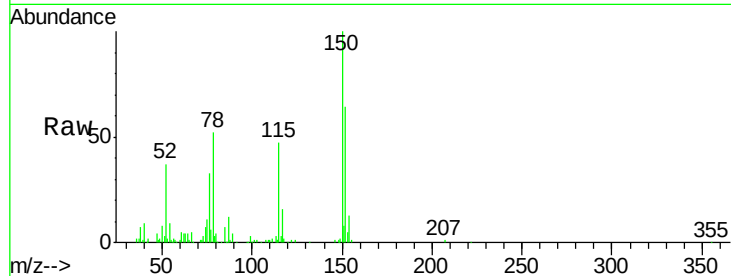


#1

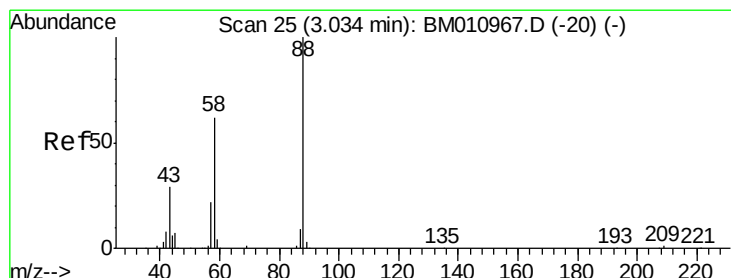
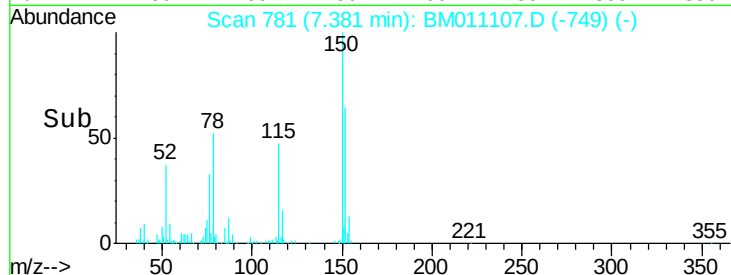
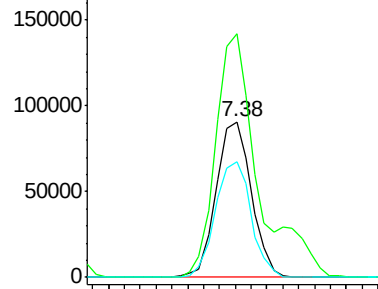
1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.38 min Scan# 781  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:152 Resp: 140440  
Ion Ratio Lower Upper  
152 100  
150 156.5 119.5 179.3  
115 74.0 43.0 64.4#



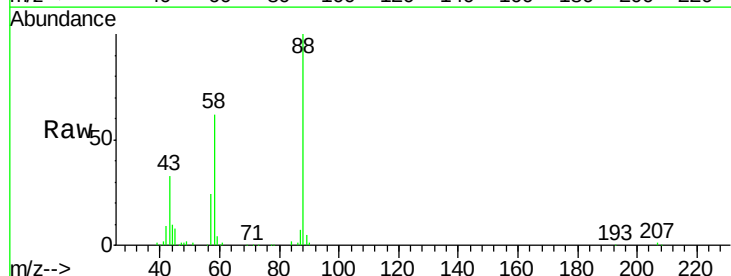
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



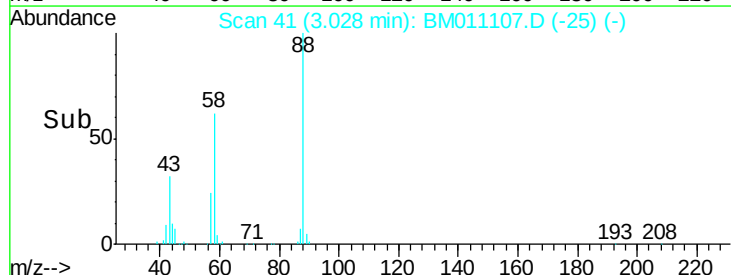
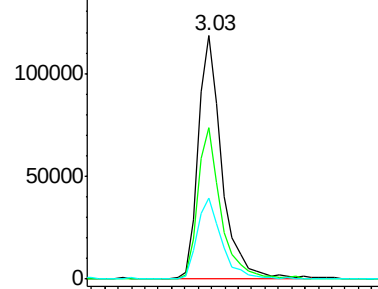
#2

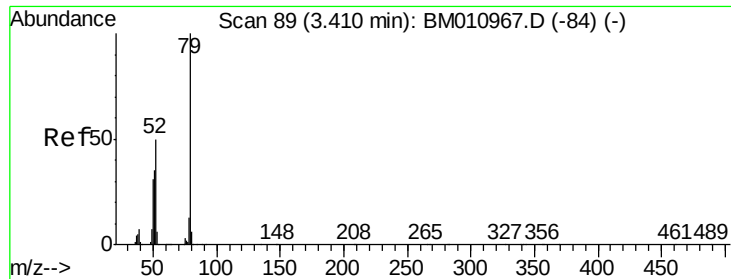
1,4-Dioxane  
Concen: 39.88 ng  
RT: 3.03 min Scan# 41  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion: 88 Resp: 148751  
Ion Ratio Lower Upper  
88 100  
58 59.8 0.0 0.0#  
43 34.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0  
Ion 58.00 (57.70 to 58.70): BM0  
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 43.40 ng

RT: 3.40 min Scan# 104

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

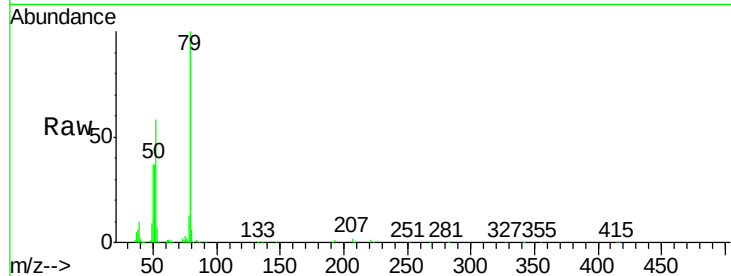
Tot Ion: 79 Resp: 442184

Ion Ratio Lower Upper

79 100

52 57.9 51.1 76.7

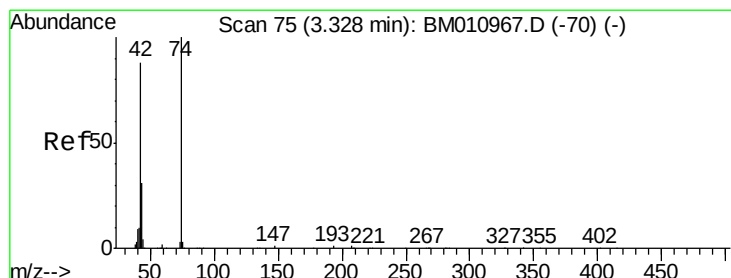
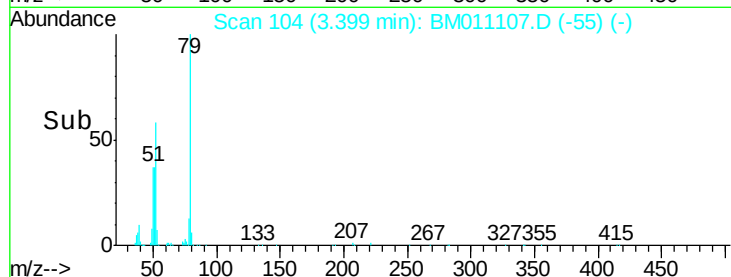
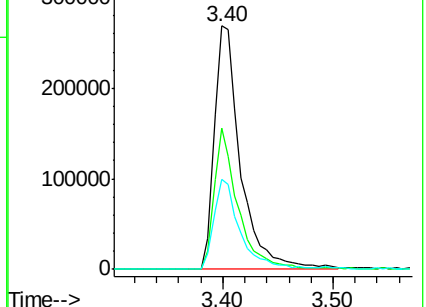
51 37.0 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM011107.D (-55) (-)

Ion 52.00 (51.70 to 52.70): BM011107.D (-55) (-)

Ion 51.00 (50.70 to 51.70): BM011107.D (-55) (-)



#4

n-Nitrosodimethylamine

Concen: 50.10 ng

RT: 3.32 min Scan# 91

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

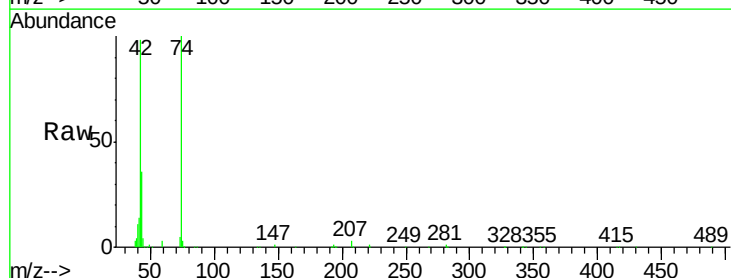
Tgt Ion: 42 Resp: 260129

Ion Ratio Lower Upper

42 100

74 101.9 119.3 178.9#

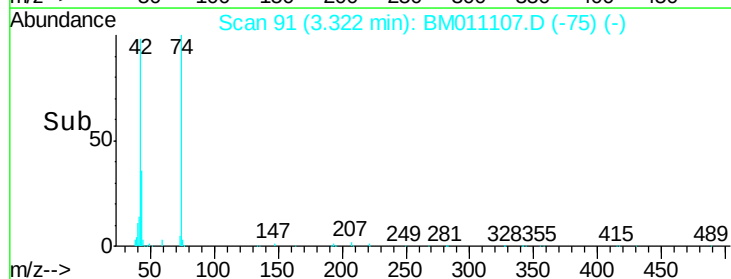
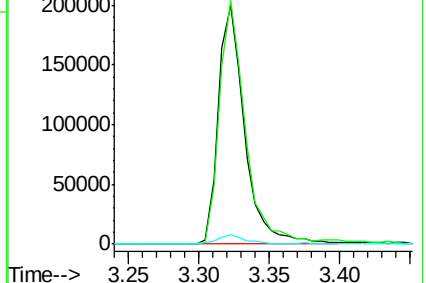
44 3.7 5.4 8.2#

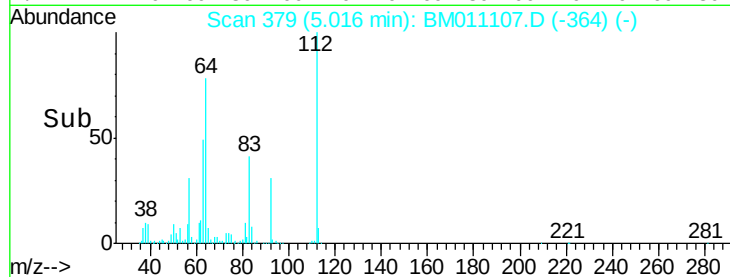
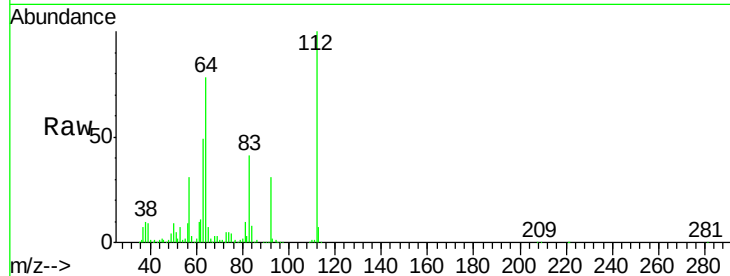
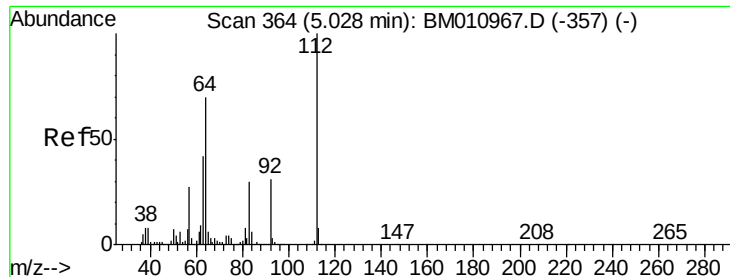


Abundance Ion 42.00 (41.70 to 42.70): BM011107.D (-75) (-)

Ion 74.00 (73.70 to 74.70): BM011107.D (-75) (-)

Ion 44.00 (43.70 to 44.70): BM011107.D (-75) (-)





#5

2-Fluorophenol

Concen: 77.00 ng

RT: 5.02 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM011107.D

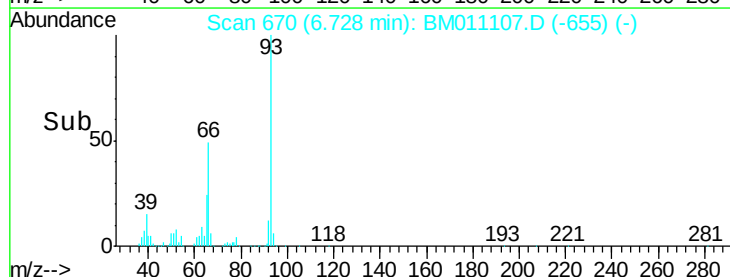
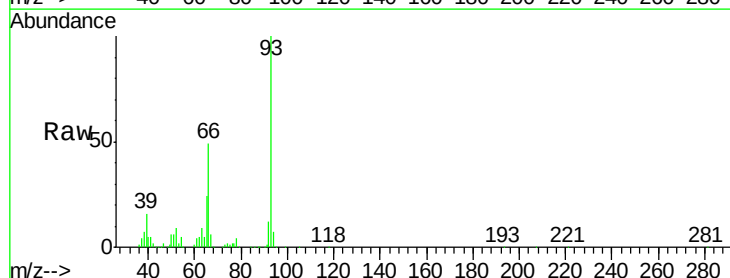
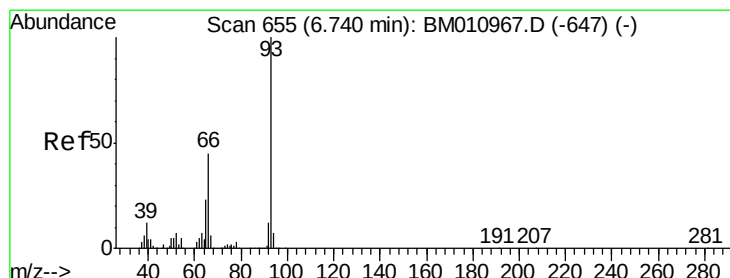
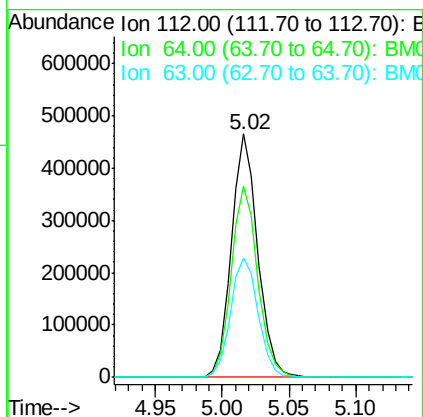
Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 112   | Resp: | 639692 |
| Ion      | Ratio | Lower | Upper  |
| 112      | 100   |       |        |
| 64       | 78.4  | 38.6  | 57.8#  |
| 63       | 48.9  | 19.3  | 28.9#  |



#6

Aniline

Concen: 44.04 ng

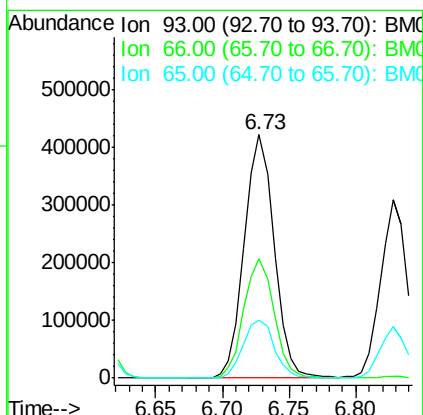
RT: 6.73 min Scan# 670

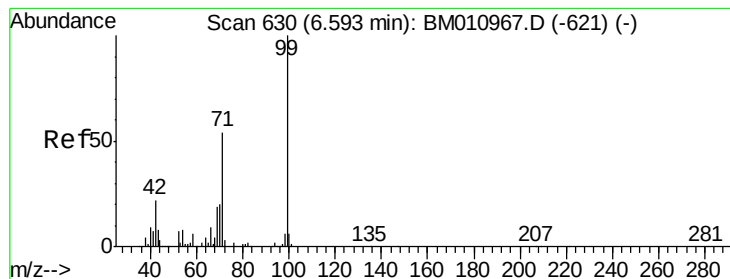
Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 93    | Resp: | 655213 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 66       | 48.8  | 30.8  | 46.2#  |
| 65       | 23.6  | 16.0  | 24.0   |





#7

Phenol-d6

Concen: 84.50 ng

RT: 6.58 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

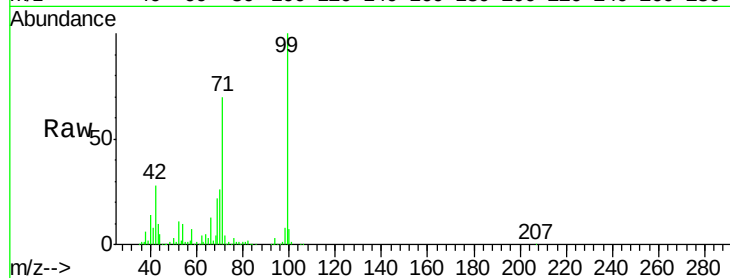
Tot Ion: 99 Resp: 997383

Ion Ratio Lower Upper

99 100

42 27.6 11.0 16.4#

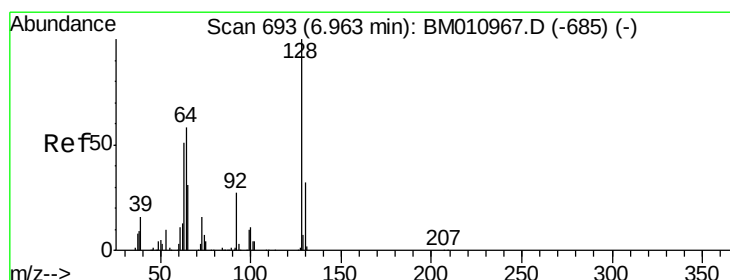
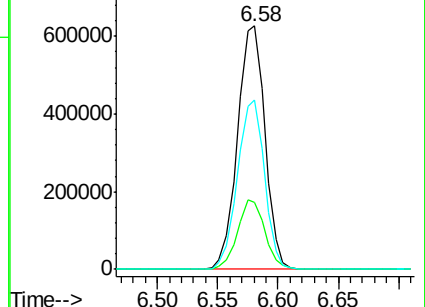
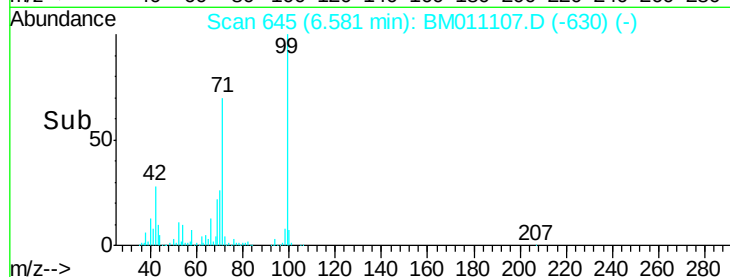
71 69.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011107.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM011107.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM011107.D (-630) (-)



#8

2-Chlorophenol

Concen: 41.26 ng

RT: 6.95 min Scan# 708

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

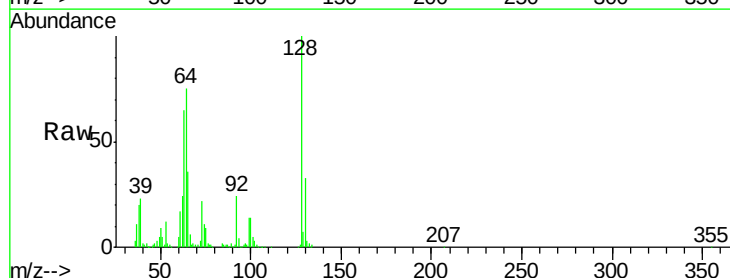
Tgt Ion: 128 Resp: 348025

Ion Ratio Lower Upper

128 100

130 33.3 12.0 52.0

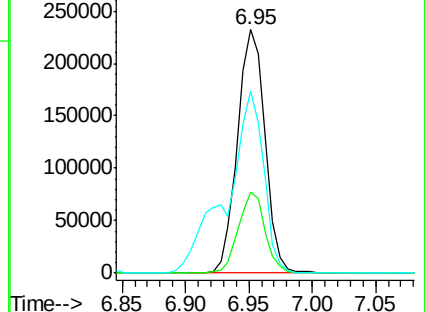
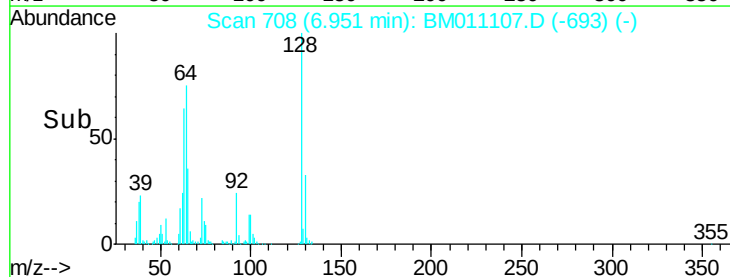
64 75.0 24.9 64.9#

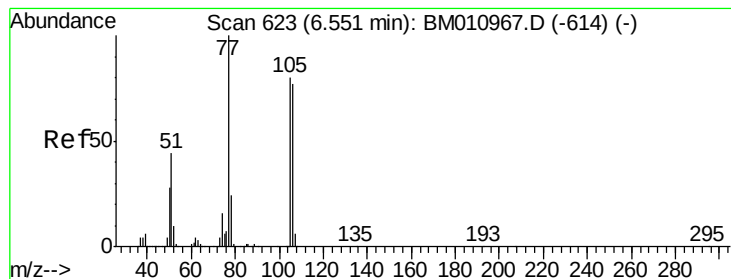


Abundance Ion 128.00 (127.70 to 128.70): BM011107.D (-693) (-)

Ion 130.00 (129.70 to 130.70): BM011107.D (-693) (-)

Ion 64.00 (63.70 to 64.70): BM011107.D (-693) (-)





#9

Benzaldehyde

Concen: 43.93 ng

RT: 6.54 min Scan# 638

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

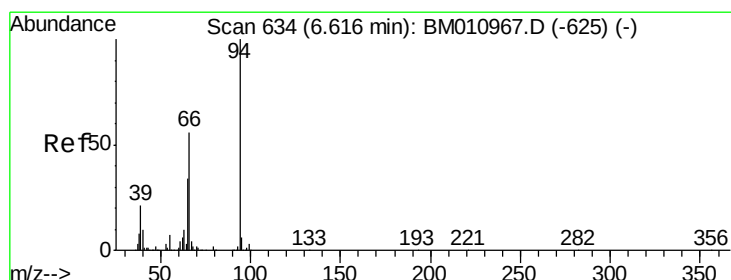
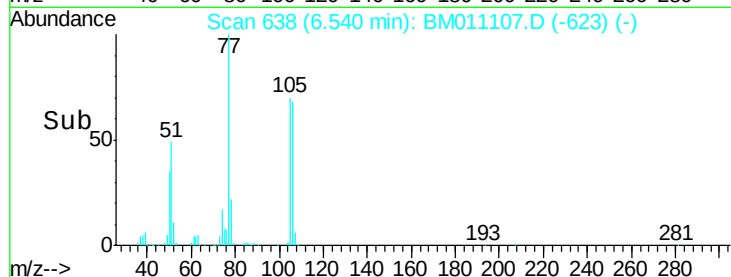
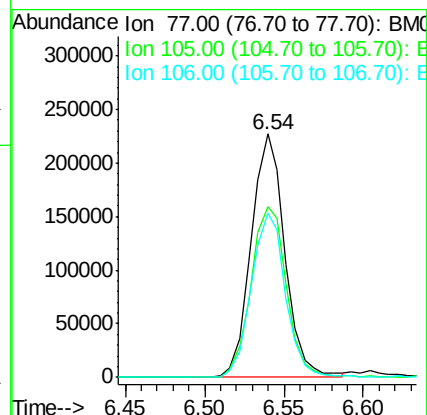
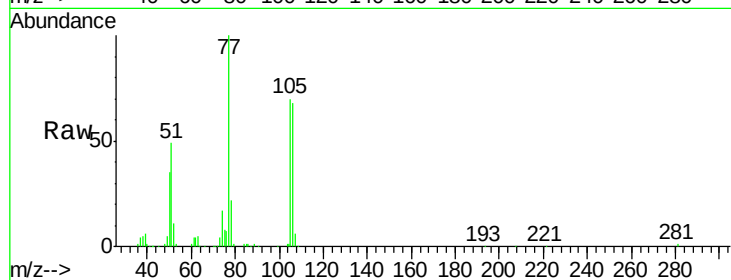
Tot Ion: 77 Resp: 335494

Ion Ratio Lower Upper

77 100

105 70.1 78.8 118.8#

106 67.6 73.7 113.7#



#10

Phenol

Concen: 41.20 ng

RT: 6.60 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

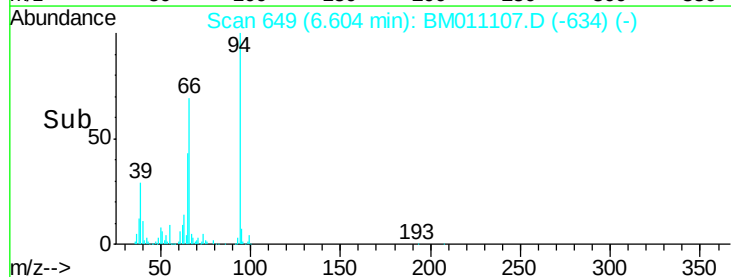
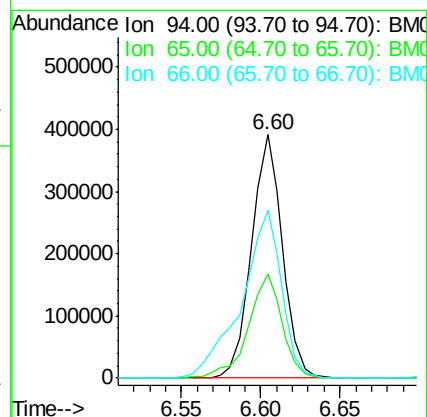
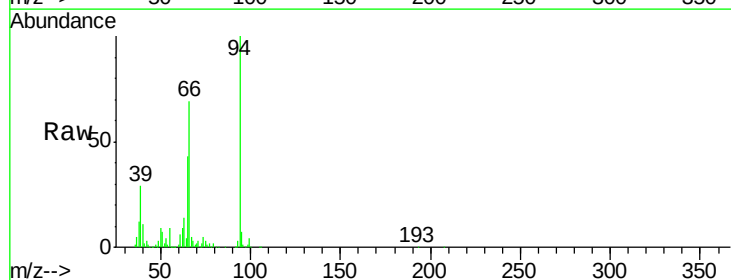
Tgt Ion: 94 Resp: 528220

Ion Ratio Lower Upper

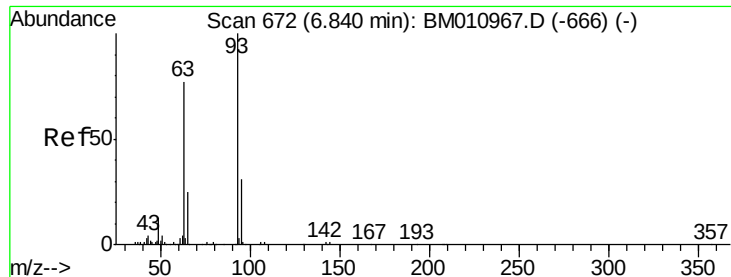
94 100

65 42.8 18.8 58.8

66 68.9 39.9 79.9



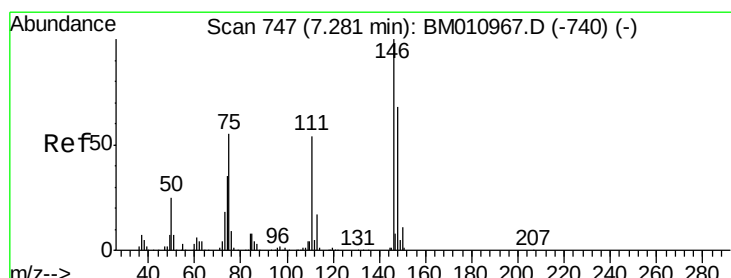
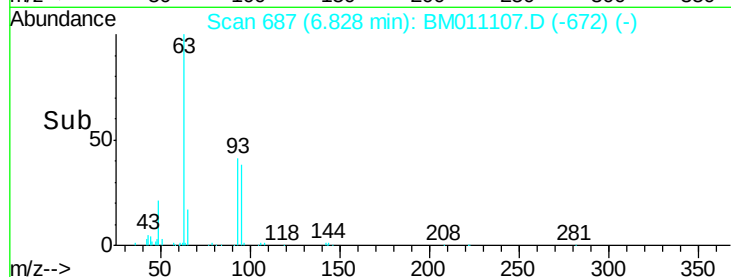
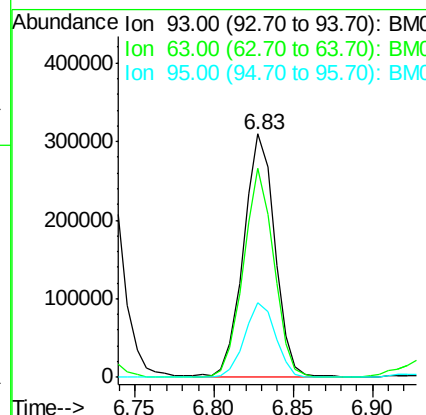
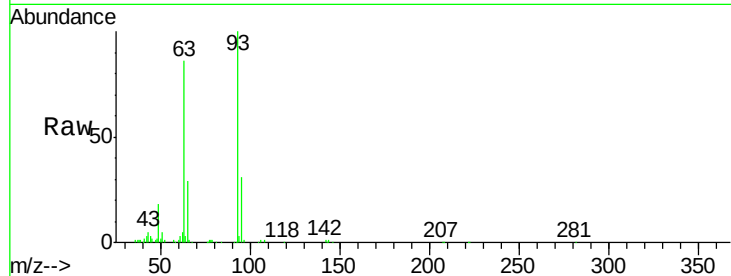




#11  
bis(2-Chloroethyl)ether  
Concen: 42.39 ng  
RT: 6.83 min Scan# 687  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

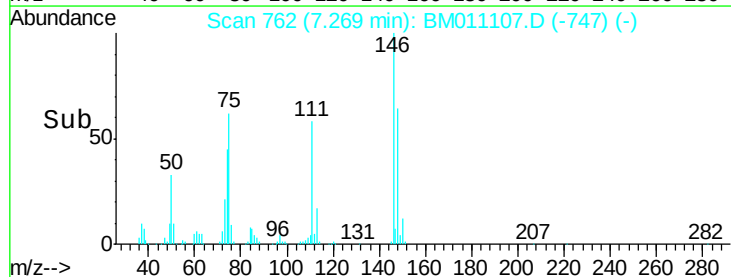
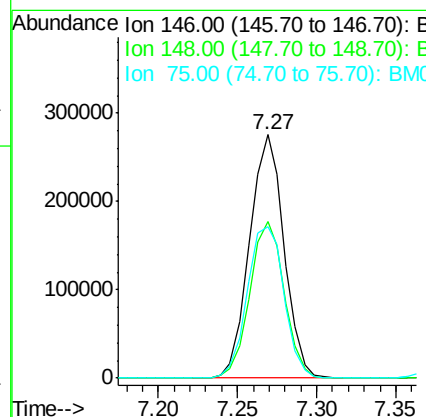
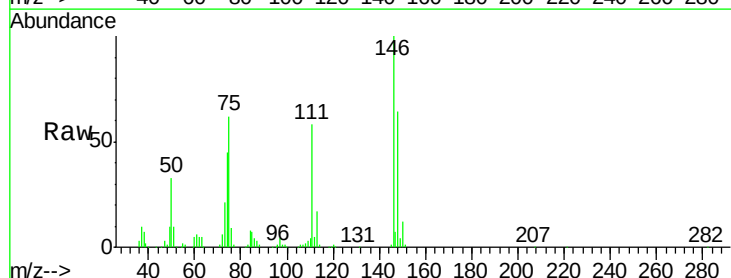
Instrument :  
BNA\_M  
ClientSampleId :

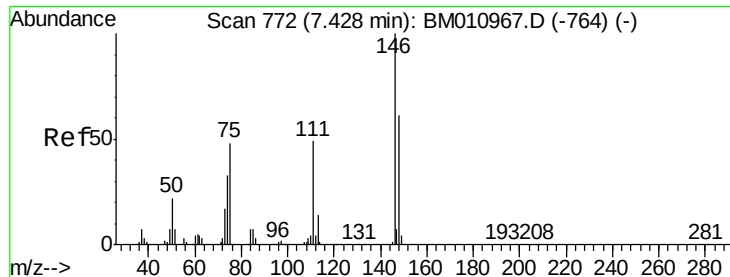
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 93    | Resp: | 423468 |
| Ion      | Ratio | Lower | Upper  |
| 93       | 100   |       |        |
| 63       | 85.8  | 49.5  | 89.5   |
| 95       | 30.8  | 13.5  | 53.5   |



#12  
1,3-Dichlorobenzene  
Concen: 40.43 ng  
RT: 7.27 min Scan# 762  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 146   | Resp: | 415595 |
| Ion      | Ratio | Lower | Upper  |
| 146      | 100   |       |        |
| 148      | 64.5  | 50.9  | 76.3   |
| 75       | 62.3  | 21.4  | 32.2   |

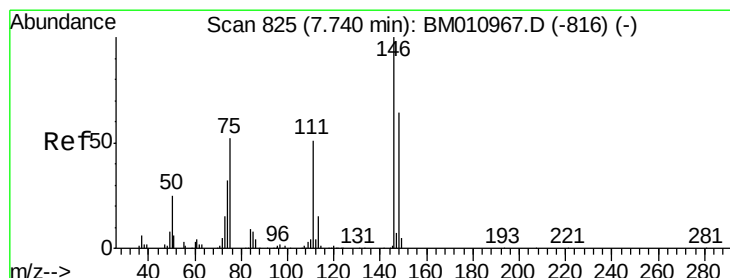
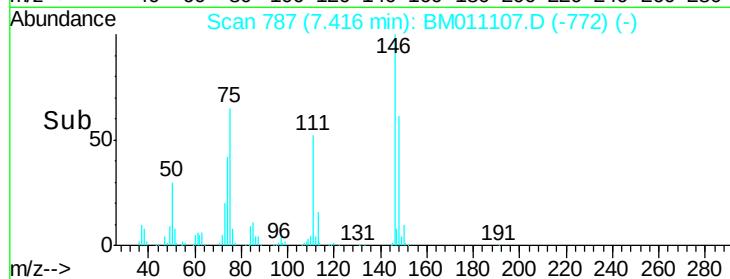
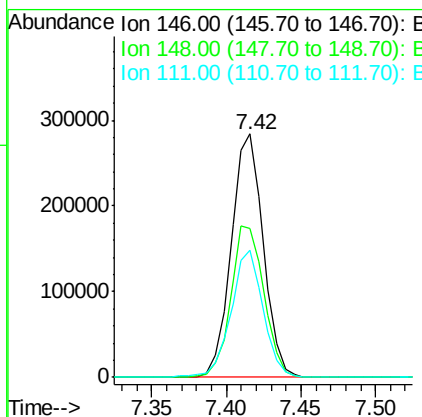
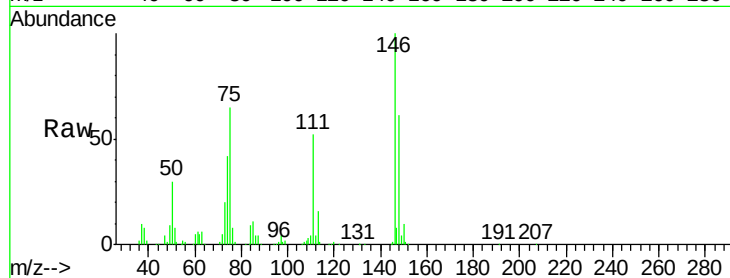




#13  
 1,4-Dichlorobenzene  
 Concen: 40.29 ng  
 RT: 7.42 min Scan# 787  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

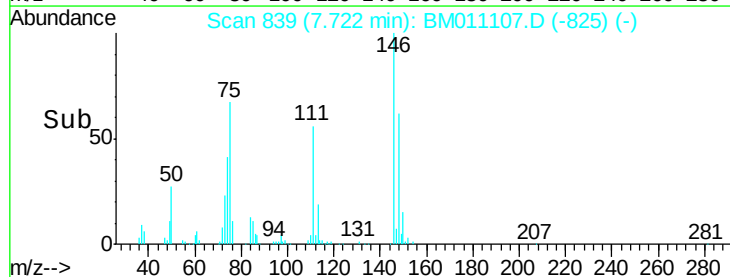
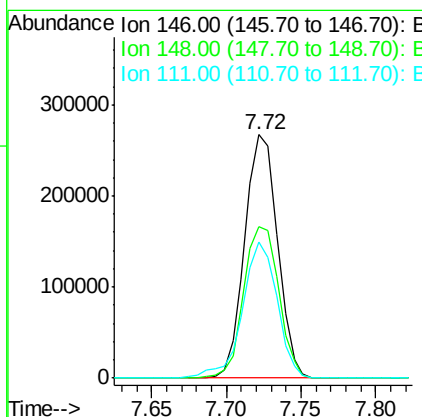
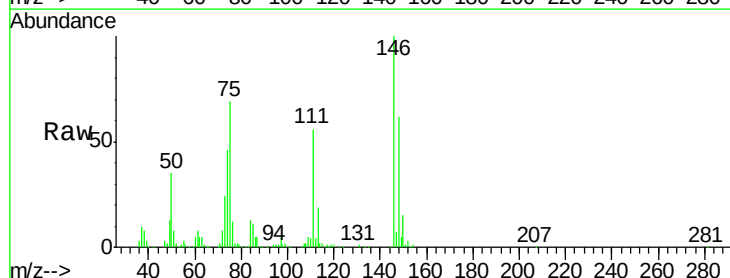
Instrument :  
 BNA\_M  
 ClientSampleId :

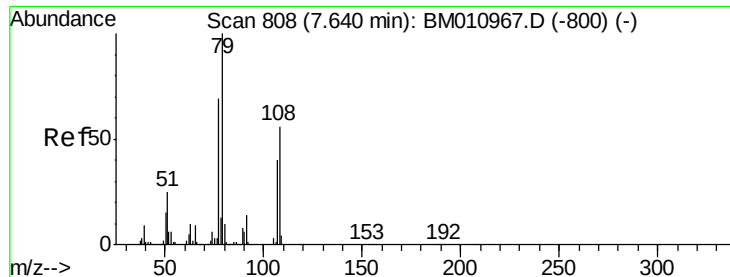
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 61.0  | 51.9  | 77.9  |
| 111     | 52.0  | 29.2  | 43.8  |



#14  
 1,2-Dichlorobenzene  
 Concen: 40.35 ng  
 RT: 7.72 min Scan# 839  
 Delta R.T. -0.02 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 62.1  | 52.3  | 78.5  |
| 111     | 55.9  | 30.6  | 45.8  |

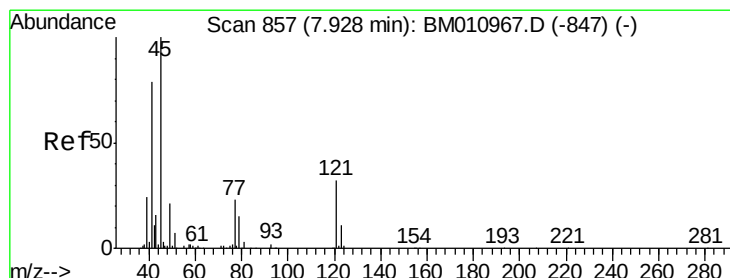
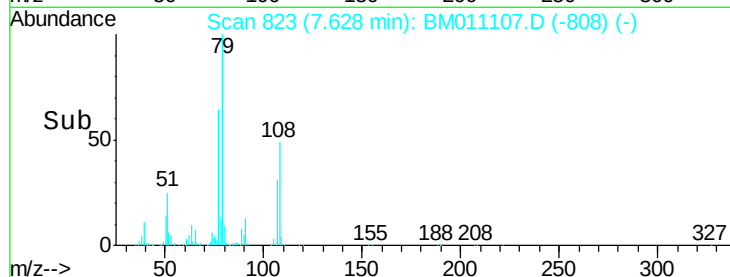
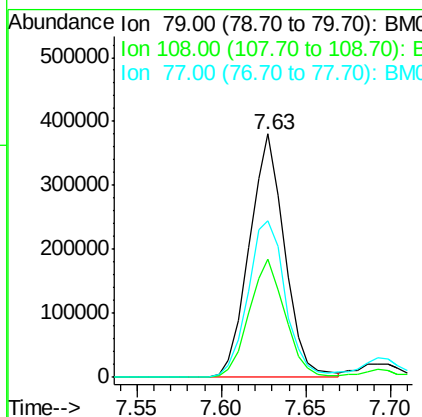
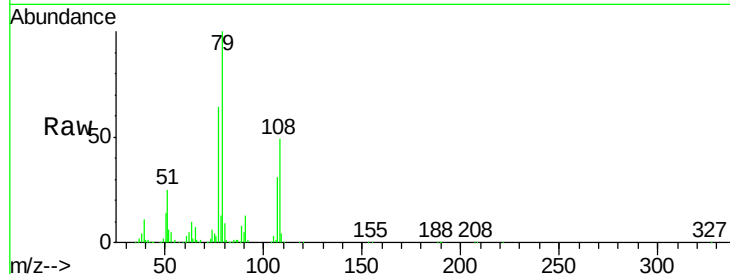




#15  
Benzyl Alcohol  
Concen: 48.91 ng  
RT: 7.63 min Scan# 823  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

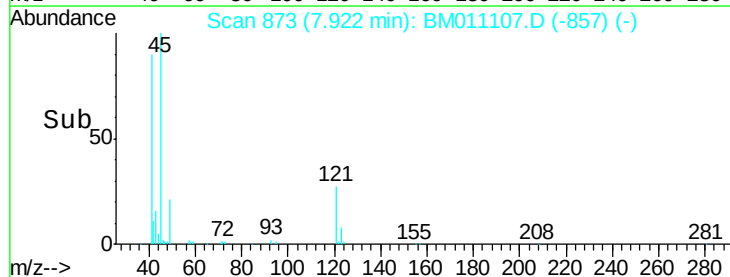
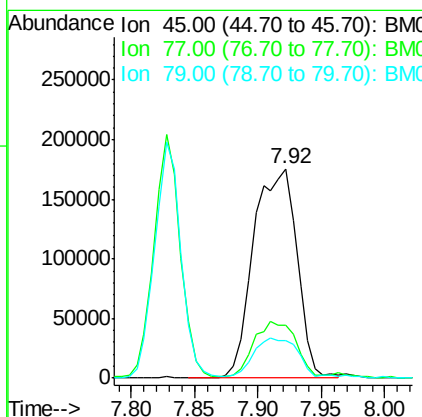
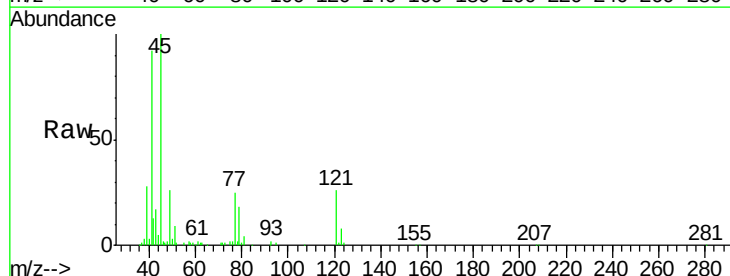
Instrument :  
BNA\_M  
ClientSampled :

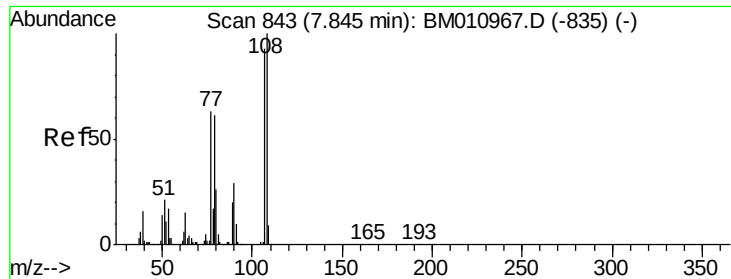
Tot Ion: 79 Resp: 553883  
Ion Ratio Lower Upper  
79 100  
108 48.5 65.0 97.4#  
77 64.1 53.0 79.6



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 46.57 ng  
RT: 7.92 min Scan# 873  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion: 45 Resp: 418633  
Ion Ratio Lower Upper  
45 100  
77 25.1 0.0 35.2  
79 17.8 0.0 32.0

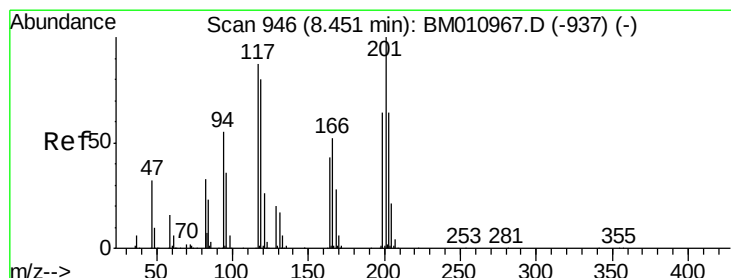
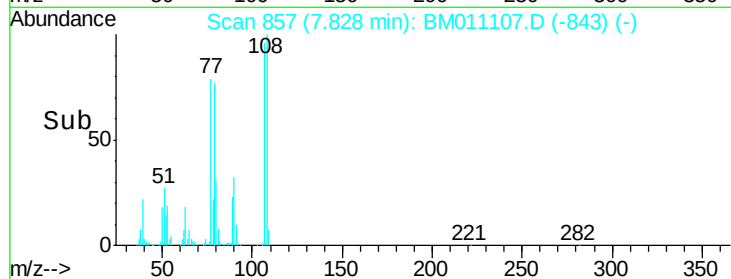
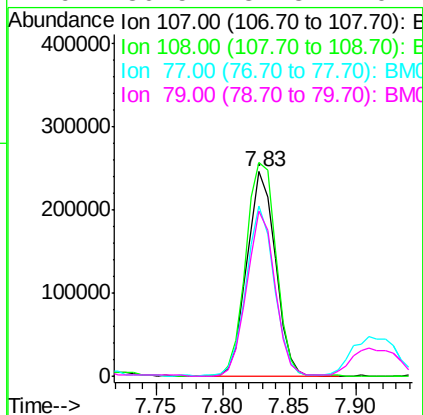
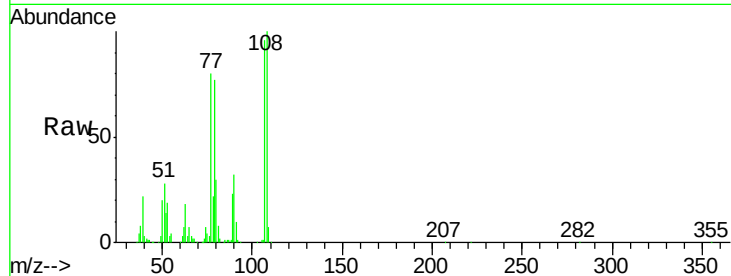




#17  
2-Methylphenol  
Concen: 44.14 ng  
RT: 7.83 min Scan# 857  
Delta R.T. -0.02 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

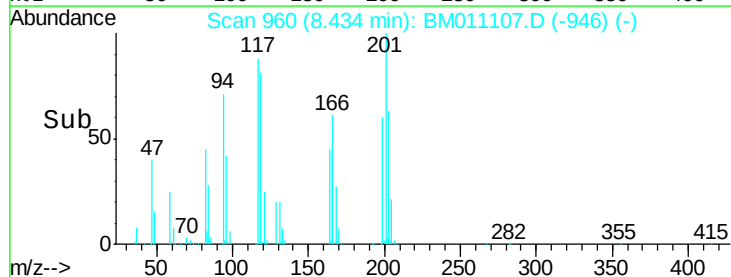
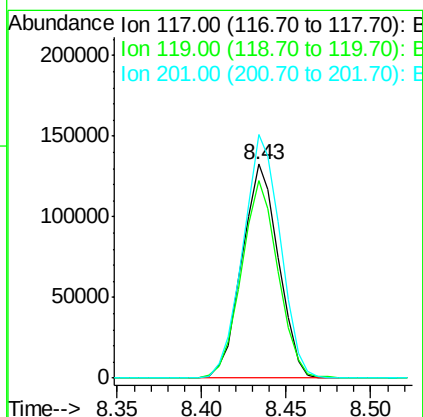
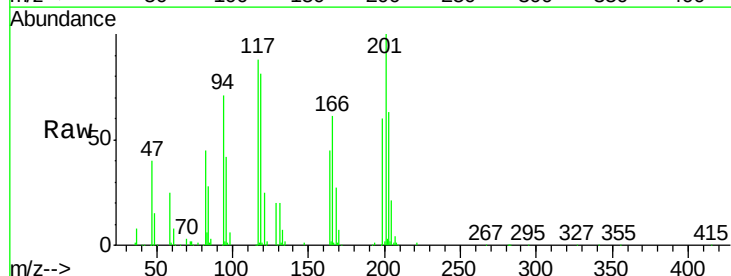
Instrument :  
BNA\_M  
ClientSampleId :

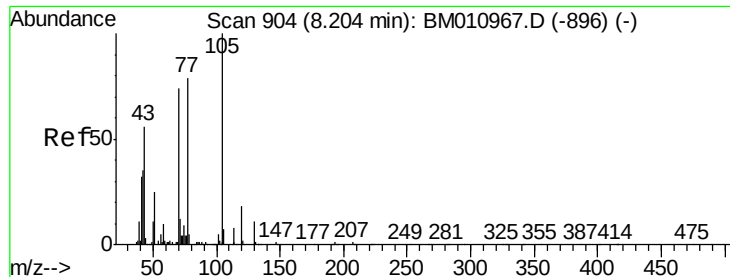
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 107   | Resp: | 361648 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 104.4 | 89.8  | 134.8  |
| 77       | 83.2  | 32.6  | 48.8#  |
| 79       | 80.5  | 32.8  | 49.2#  |



#18  
Hexachloroethane  
Concen: 43.57 ng  
RT: 8.43 min Scan# 960  
Delta R.T. -0.02 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 200226 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 92.7  | 79.2  | 118.8  |
| 201      | 114.0 | 69.8  | 104.6# |

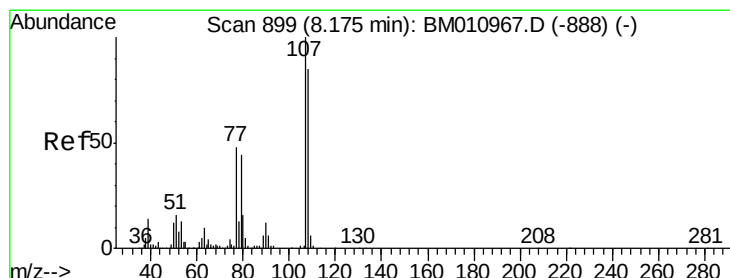
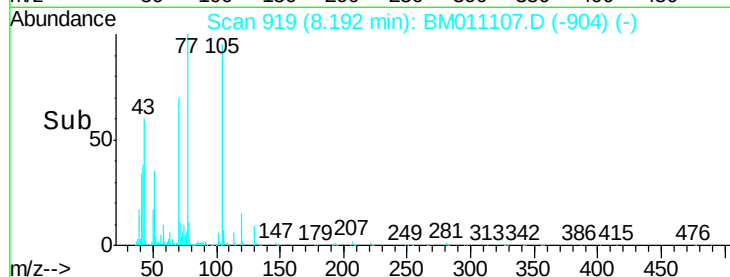
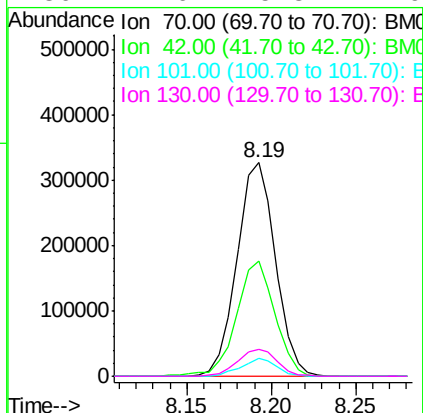
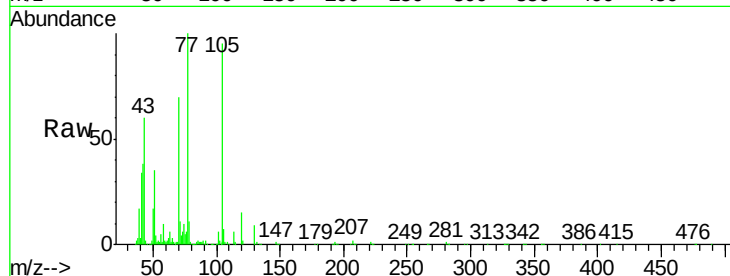




#19  
n-Nitroso-di-n-propylamine  
Concen: 51.63 ng  
RT: 8.19 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

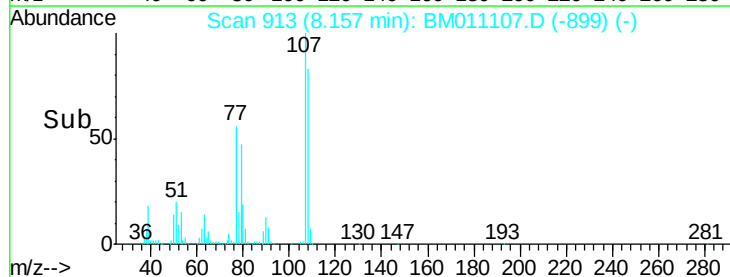
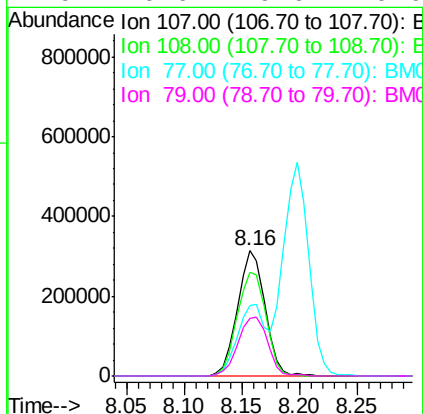
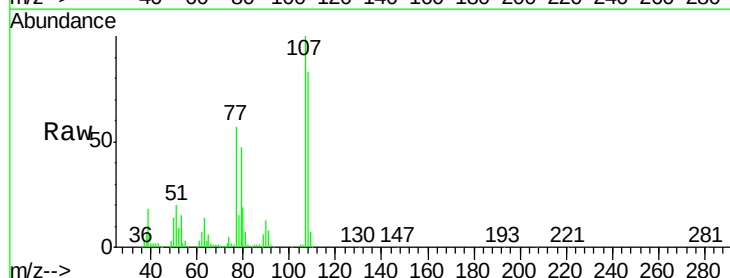
Instrument :  
BNA\_M  
ClientSampled :

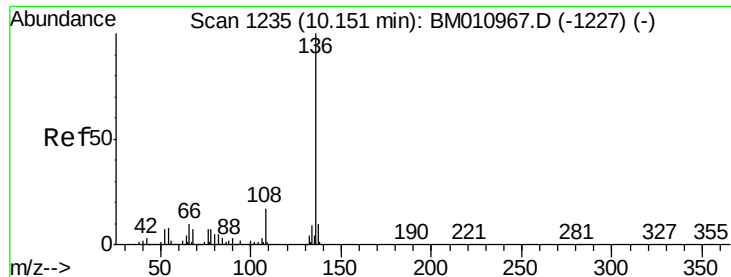
Tot Ion: 70 Resp: 517896  
Ion Ratio Lower Upper  
70 100  
42 54.0 44.5 66.7  
101 8.2 7.4 11.2  
130 12.6 15.3 22.9#



#20  
3+4-Methylphenols  
Concen: 45.47 ng  
RT: 8.16 min Scan# 913  
Delta R.T. -0.02 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion: 107 Resp: 517925  
Ion Ratio Lower Upper  
107 100  
108 82.9 73.2 113.2  
77 56.7 10.7 50.7#  
79 46.6 9.6 49.6

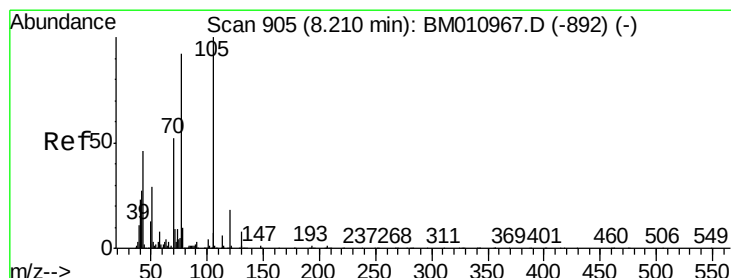
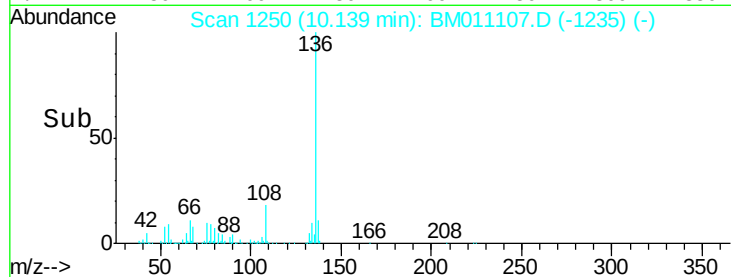
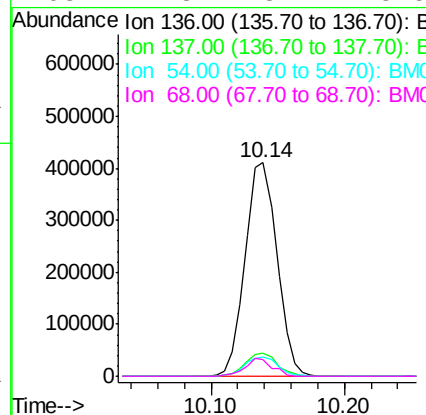
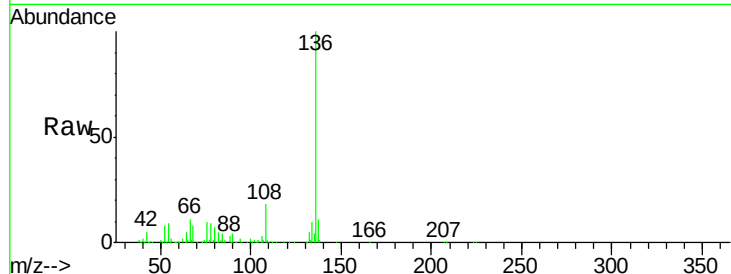




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.14 min Scan# 1250  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

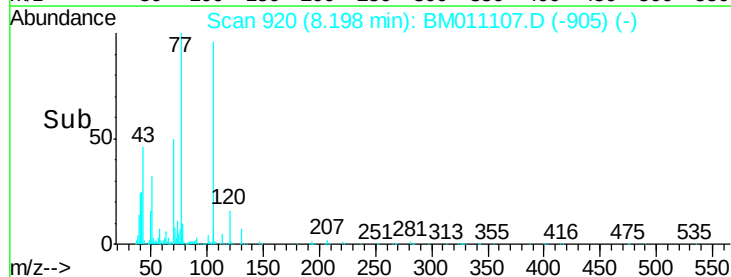
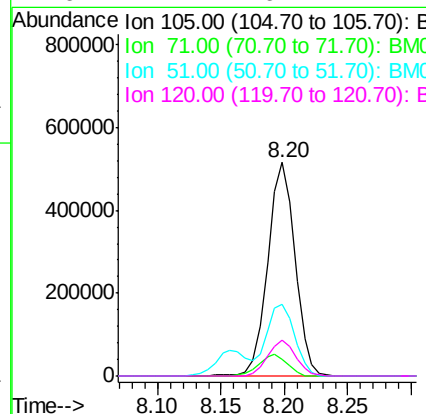
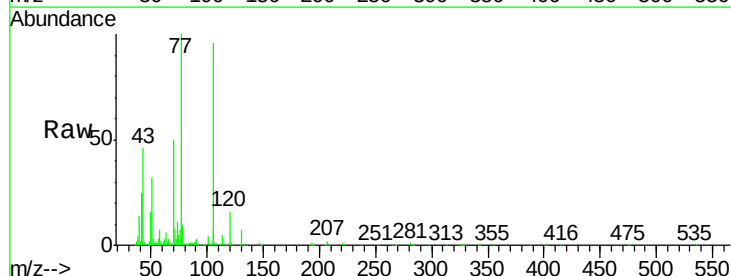
Instrument :  
BNA\_M  
ClientSampleId :

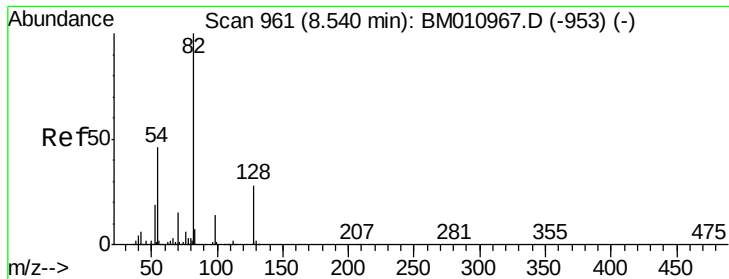
|             |              |
|-------------|--------------|
| Tot Ion:136 | Resp: 676086 |
| Ion Ratio   | Lower Upper  |
| 136 100     |              |
| 137 11.0    | 8.7 13.1     |
| 54 9.2      | 4.6 6.8#     |
| 68 7.8      | 3.7 5.5#     |



#22  
Acetophenone  
Concen: 38.31 ng  
RT: 8.20 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

|     |         |       |        |
|-----|---------|-------|--------|
| Tgt | Ion:105 | Resp: | 776309 |
| Ion | Ratio   | Lower | Upper  |
| 105 | 100     |       |        |
| 71  | 8.1     | 0.6   | 1.0#   |
| 51  | 33.5    | 21.6  | 32.4#  |
| 120 | 17.1    | 16.1  | 24.1   |

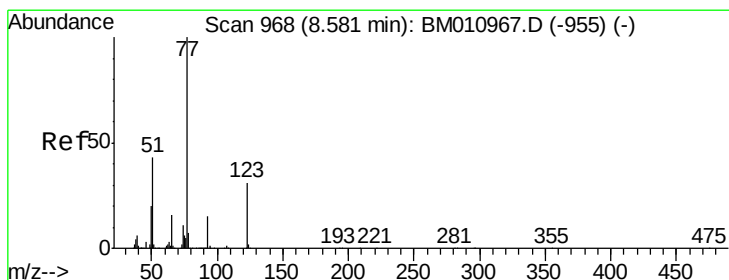
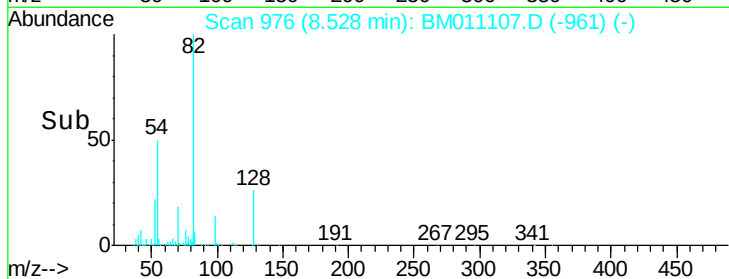
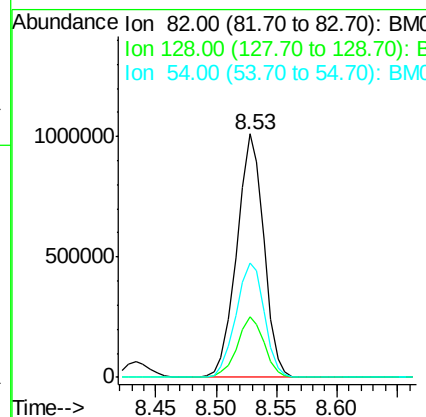
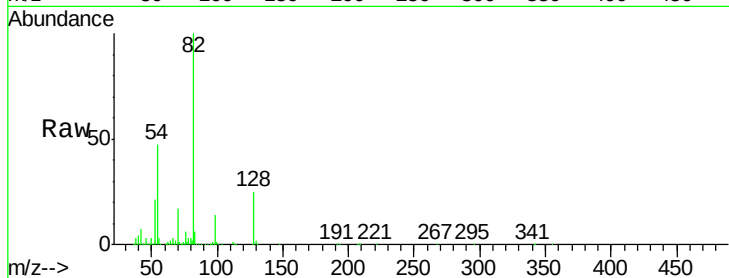




#23  
 Nitrobenzene-d5  
 Concen: 87.55 ng  
 RT: 8.53 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

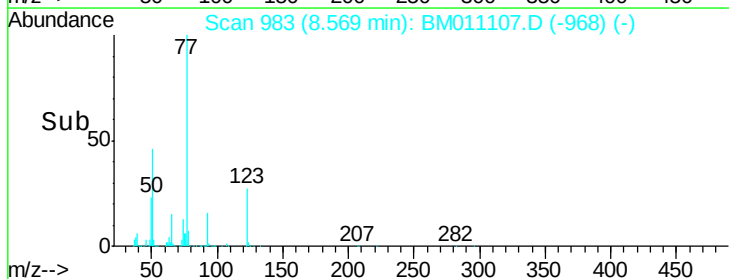
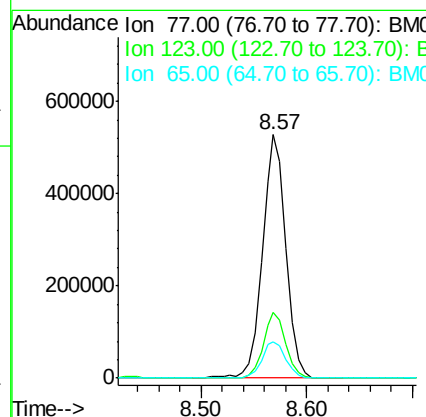
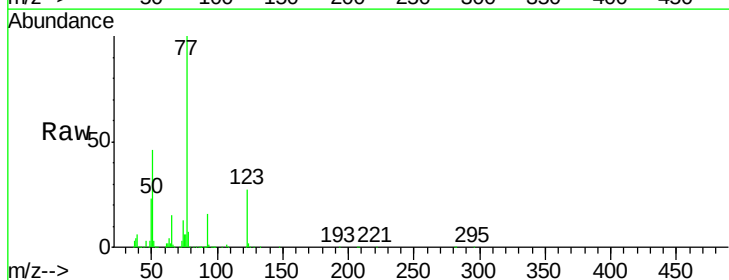
Instrument :  
 BNA\_M  
 ClientSampleID :

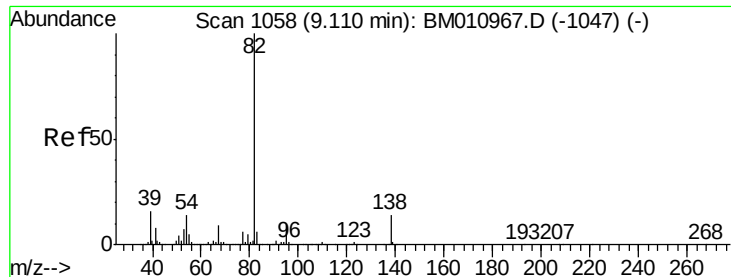
Tot Ion: 82 Resp: 1577106  
 Ion Ratio Lower Upper  
 82 100  
 128 24.8 32.8 49.2#  
 54 46.9 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 43.49 ng  
 RT: 8.57 min Scan# 983  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion: 77 Resp: 811901  
 Ion Ratio Lower Upper  
 77 100  
 123 26.9 32.6 49.0#  
 65 15.1 10.9 16.3





#25

Isophorone

Concen: 44.16 ng

RT: 9.09 min Scan# 1072

Delta R.T. -0.02 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

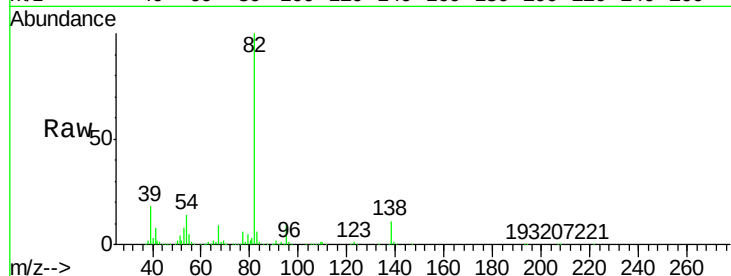
Tot Ion: 82 Resp: 1326251

Ion Ratio Lower Upper

82 100

95 8.5 5.8 8.6

138 11.5 16.3 24.5#

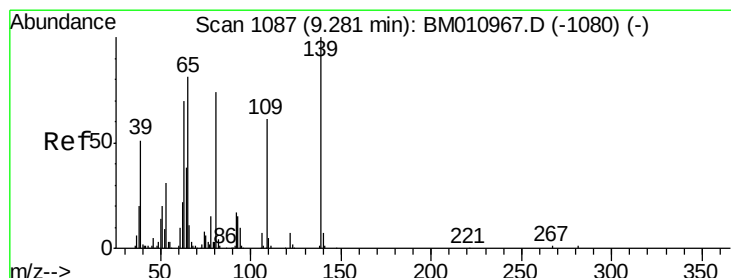
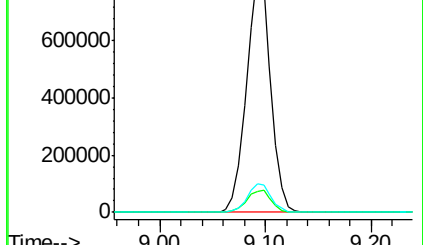
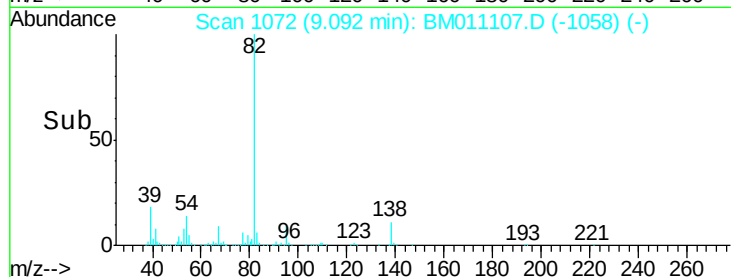


Abundance Ion 82.00 (81.70 to 82.70): BM011107.D (-1058) (-)

Ion 95.00 (94.70 to 95.70): BM011107.D (-1058) (-)

Ion 138.00 (137.70 to 138.70): BM011107.D (-1058) (-)

Time-->



#26

2-Nitrophenol

Concen: 39.55 ng

RT: 9.27 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

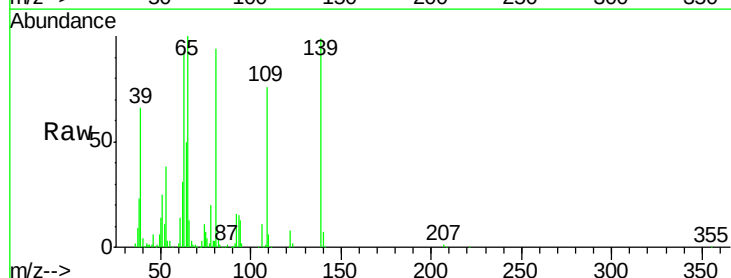
Tgt Ion: 139 Resp: 234913

Ion Ratio Lower Upper

139 100

109 77.0 20.1 30.1#

65 101.0 31.5 47.3#

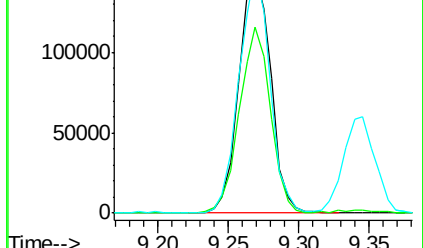
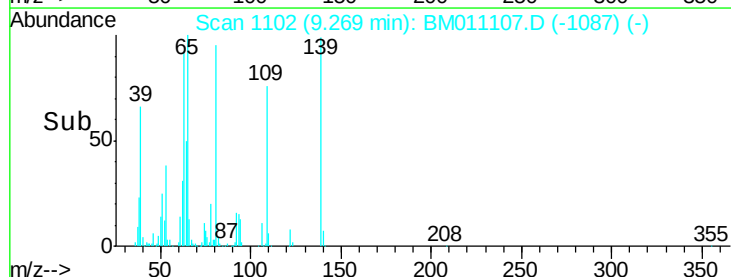


Abundance Ion 139.00 (138.70 to 139.70): BM011107.D (-1087) (-)

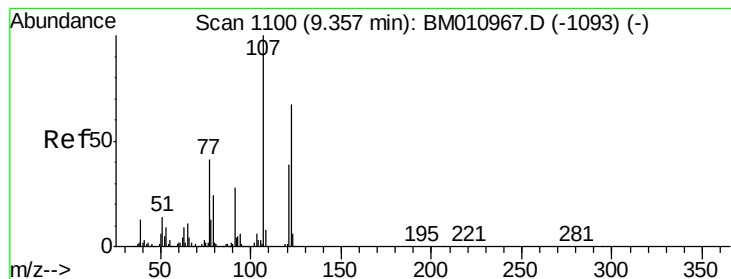
Ion 109.00 (108.70 to 109.70): BM011107.D (-1087) (-)

Ion 65.00 (64.70 to 65.70): BM011107.D (-1087) (-)

Time-->







#27

2,4-Dimethylphenol

Concen: 38.58 ng

RT: 9.35 min Scan# 1115

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

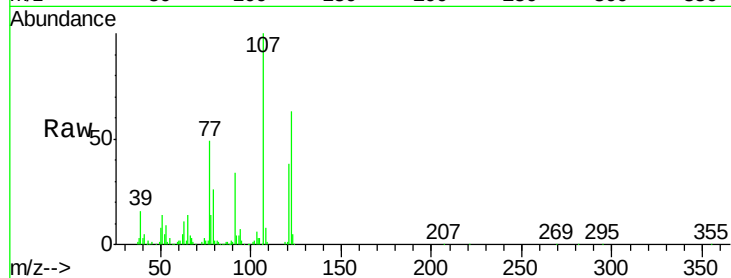
Tot Ion:122 Resp: 403416

Ion Ratio Lower Upper

122 100

107 158.4 84.7 127.1#

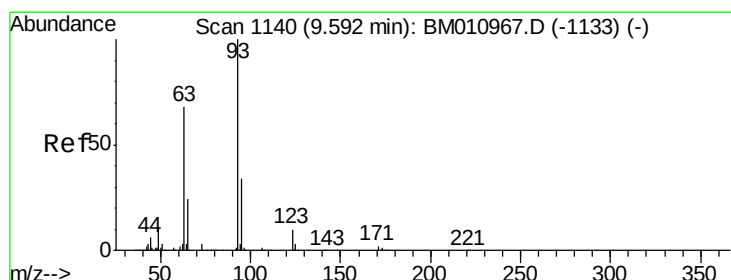
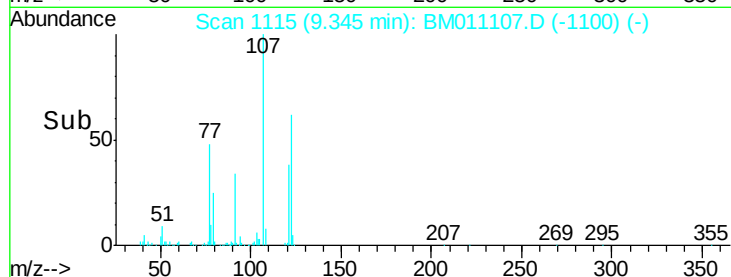
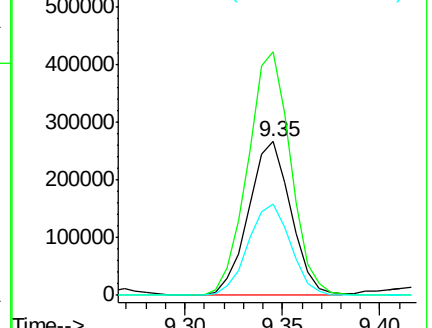
121 59.7 46.6 69.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.97 ng

RT: 9.58 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

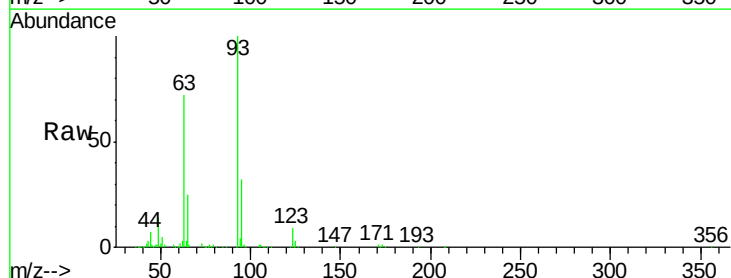
Tgt Ion: 93 Resp: 686384

Ion Ratio Lower Upper

93 100

95 32.1 25.5 38.3

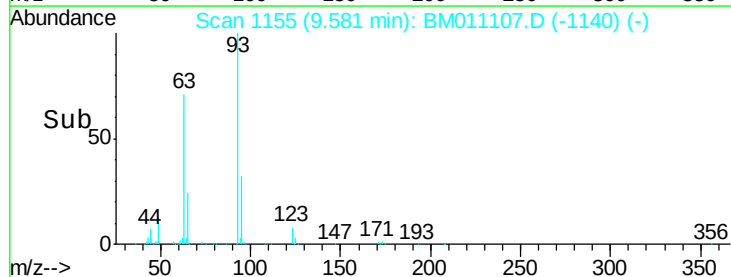
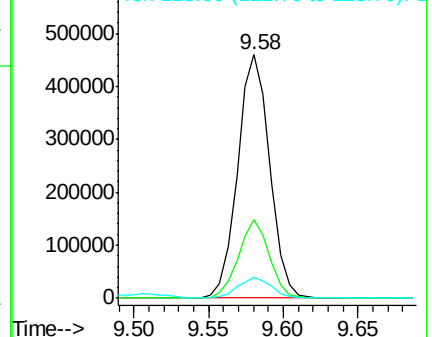
123 8.7 8.6 13.0

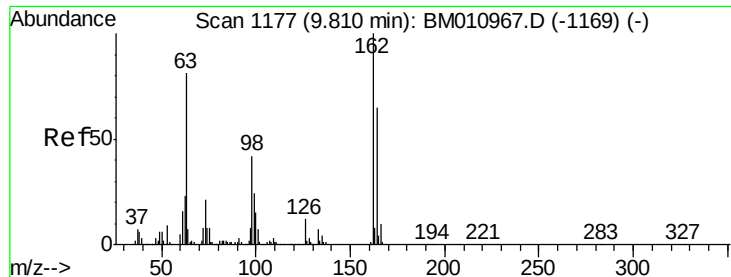


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

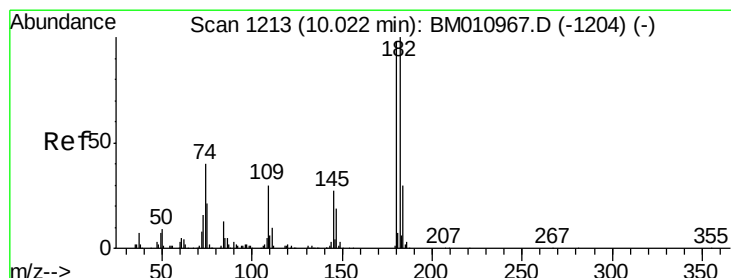
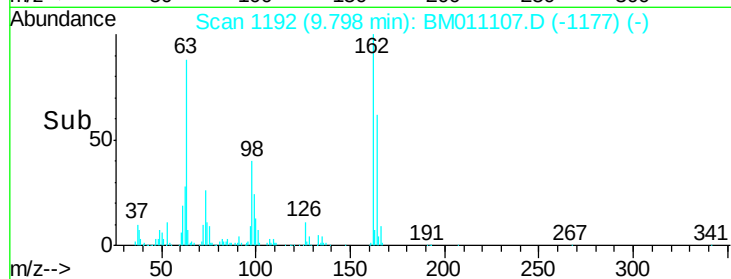
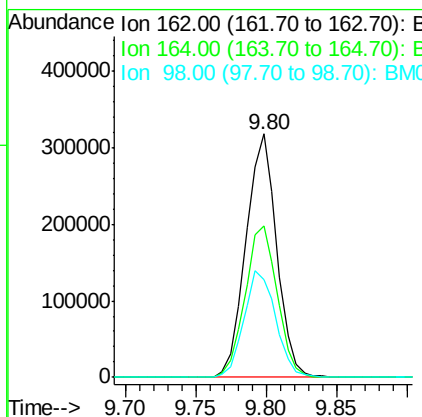
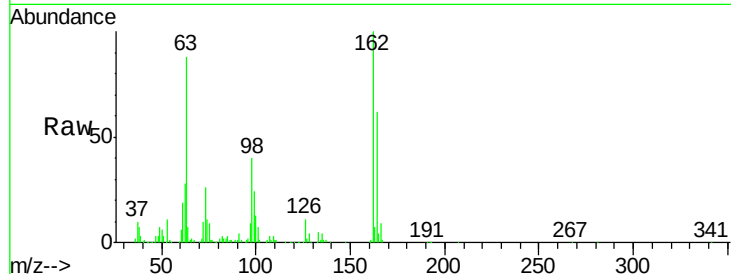




#29  
 2,4-Dichlorophenol  
 Concen: 41.36 ng  
 RT: 9.80 min Scan# 1192  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

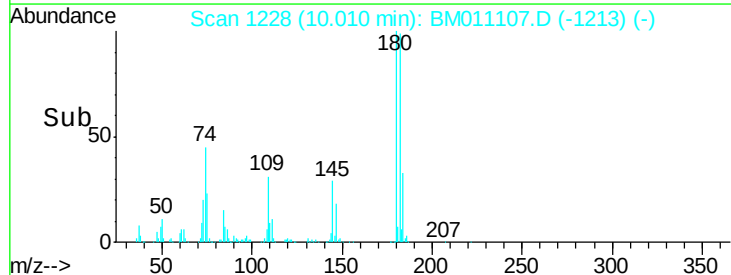
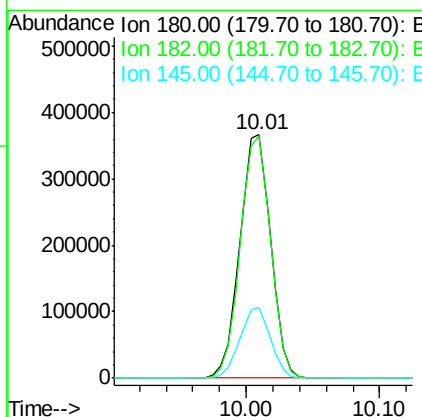
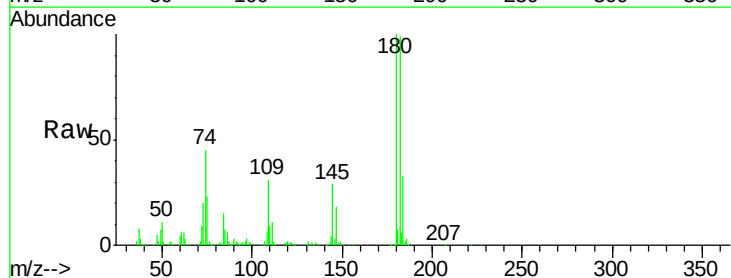
Instrument :  
 BNA\_M  
 ClientSampleId :

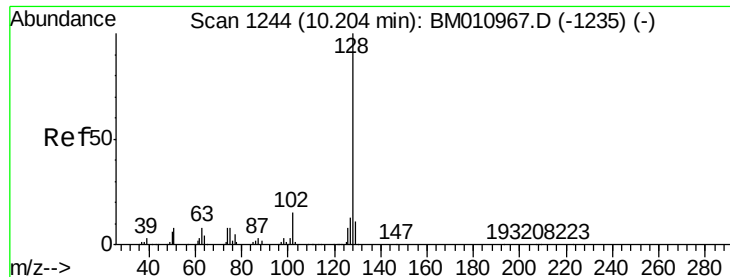
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 62.0  | 42.8  | 82.8  |
| 98      | 40.1  | 14.5  | 54.5  |



#30  
 1,2,4-Trichlorobenzene  
 Concen: 40.12 ng  
 RT: 10.01 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.4  | 77.6  | 116.4 |
| 145     | 29.3  | 23.4  | 35.2  |

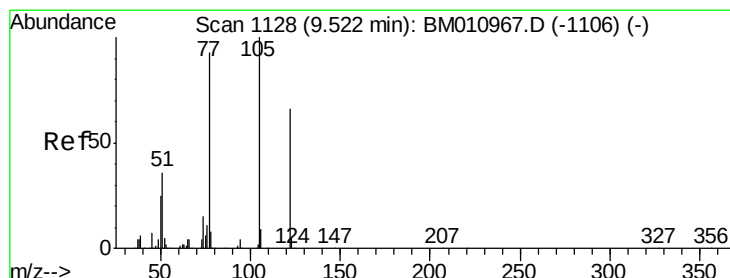
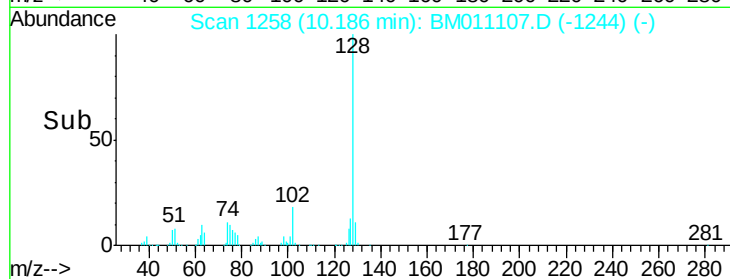
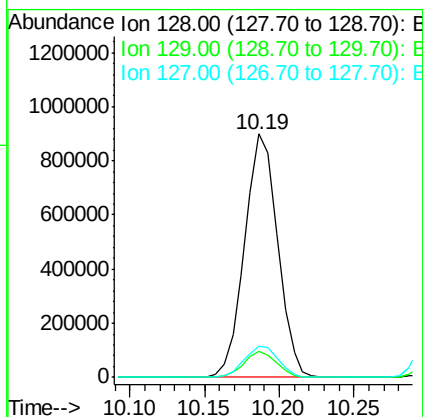
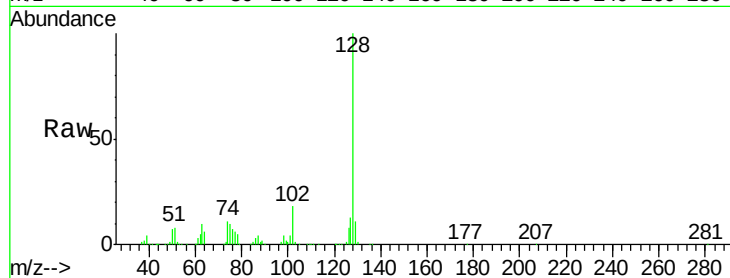




#31  
Naphthalene  
Concen: 40.50 ng  
RT: 10.19 min Scan# 1258  
Delta R.T. -0.02 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

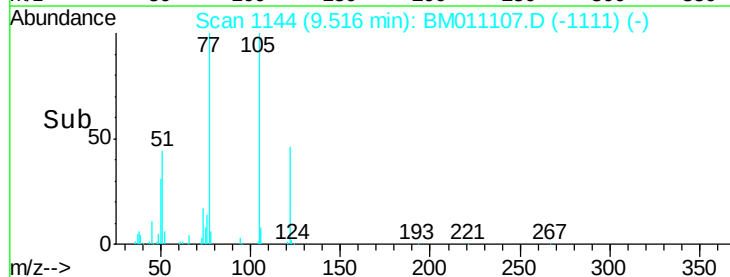
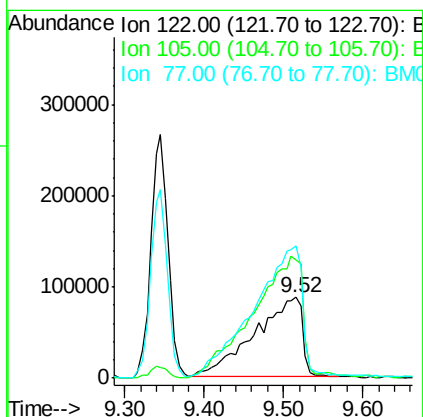
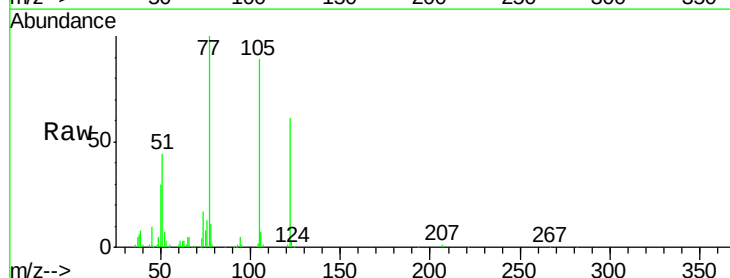
Instrument :  
BNA\_M  
ClientSampleId :

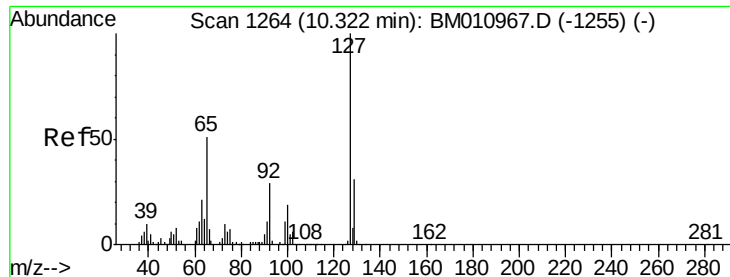
Tot Ion:128 Resp: 1377574  
Ion Ratio Lower Upper  
128 100  
129 10.7 8.9 13.3  
127 12.9 10.4 15.6



#32  
Benzoic acid  
Concen: 43.98 ng  
RT: 9.52 min Scan# 1144  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:122 Resp: 369652  
Ion Ratio Lower Upper  
122 100  
105 146.2 99.9 139.9#  
77 163.7 73.7 113.7#

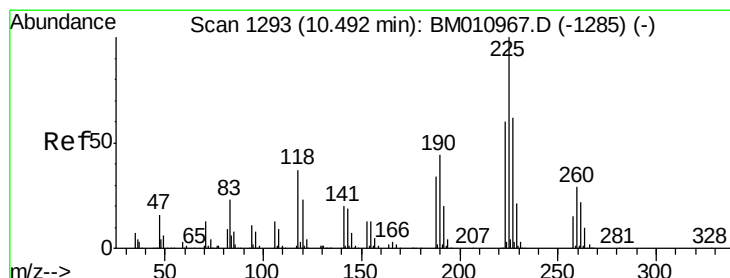
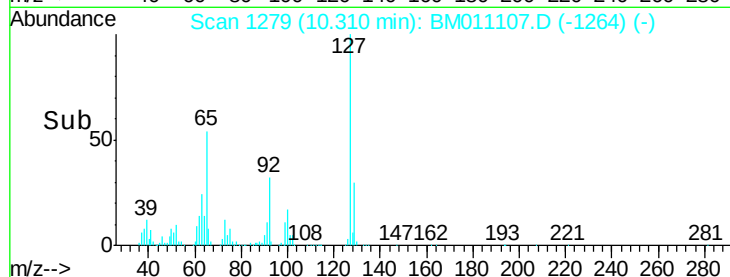
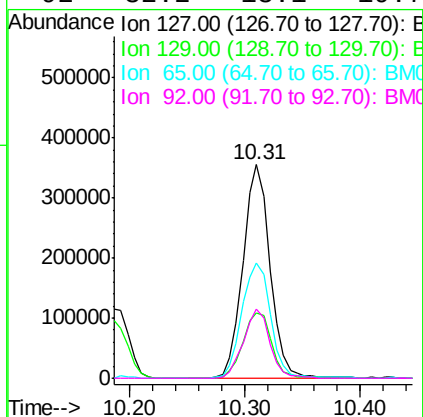
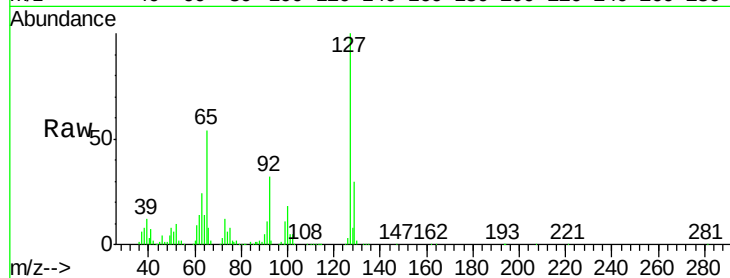




#33  
4-Chloroaniline  
Concen: 42.81 ng  
RT: 10.31 min Scan# 1279  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

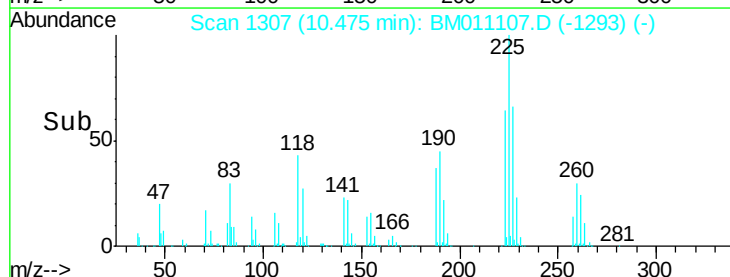
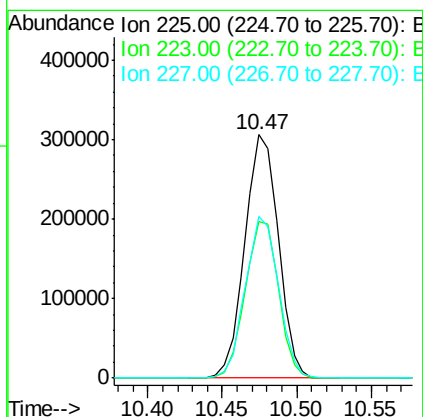
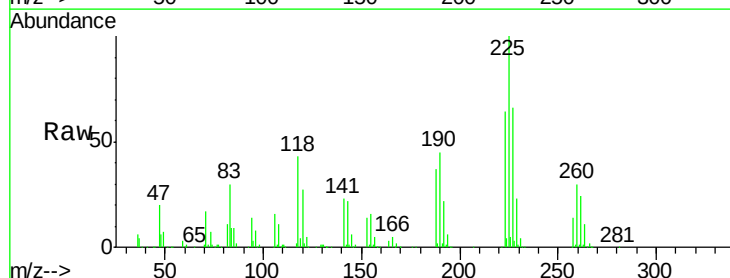
Instrument :  
BNA\_M  
ClientSampleId :

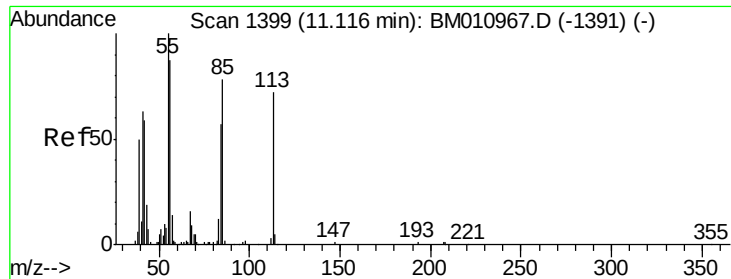
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 580907 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.3  | 25.3  | 37.9   |
| 65       | 53.8  | 17.6  | 26.4   |
| 92       | 32.2  | 13.1  | 19.7   |



#34  
Hexachlorobutadiene  
Concen: 41.60 ng  
RT: 10.47 min Scan# 1307  
Delta R.T. -0.02 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 475936 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 64.2  | 47.9  | 71.9   |
| 227      | 66.2  | 50.1  | 75.1   |

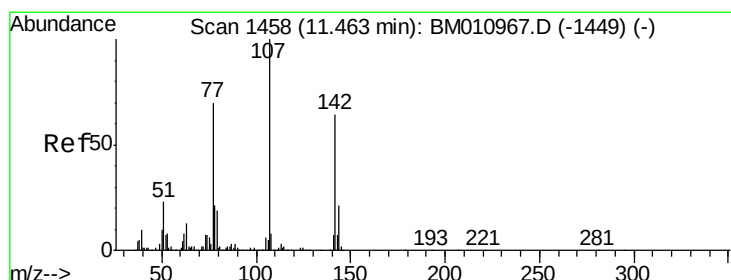
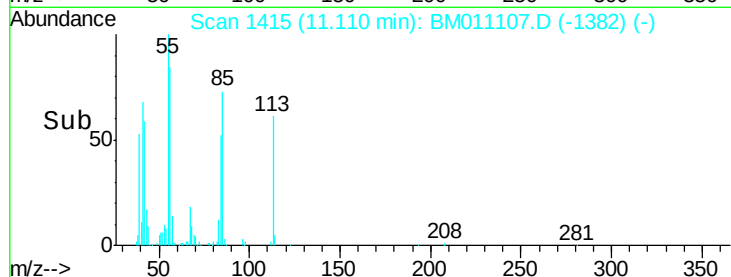
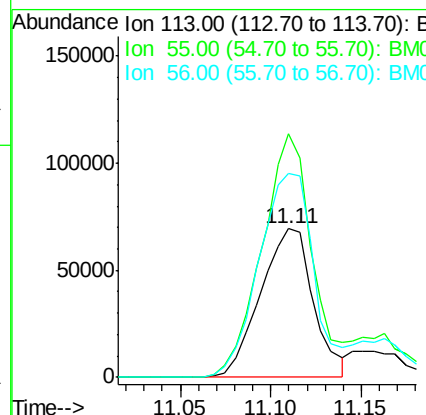
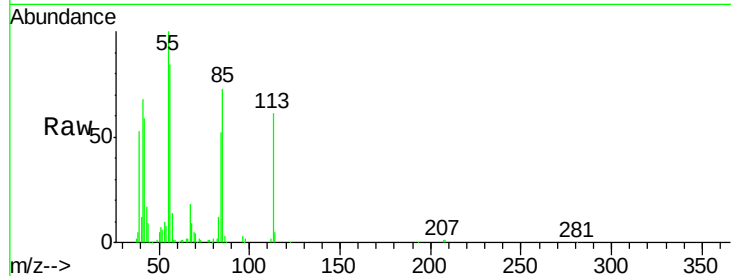




#35  
Caprolactam  
Concen: 42.15 ng  
RT: 11.11 min Scan# 1415  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

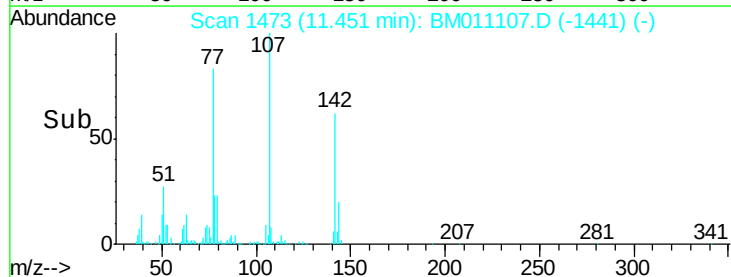
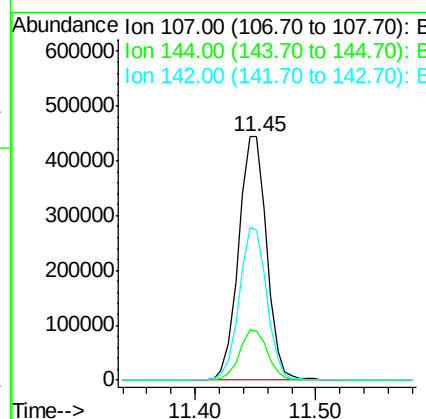
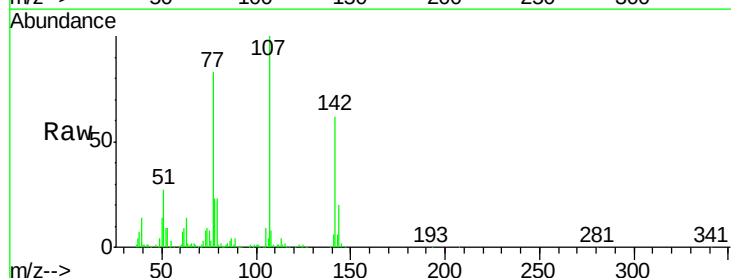
Instrument :  
BNA\_M  
ClientSampleId :

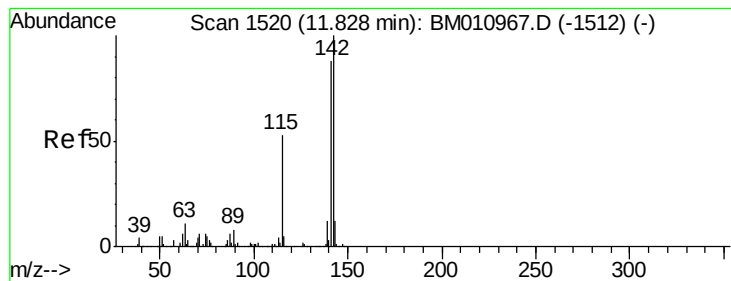
Tot Ion:113 Resp: 140431  
Ion Ratio Lower Upper  
113 100  
55 164.1 145.9 185.9  
56 137.9 101.0 141.0



#36  
4-Chloro-3-methylphenol  
Concen: 47.50 ng  
RT: 11.45 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:107 Resp: 720648  
Ion Ratio Lower Upper  
107 100  
144 20.4 23.3 34.9#  
142 61.6 72.6 109.0#





#37

2-Methylnaphthalene

Concen: 44.13 ng

RT: 11.81 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

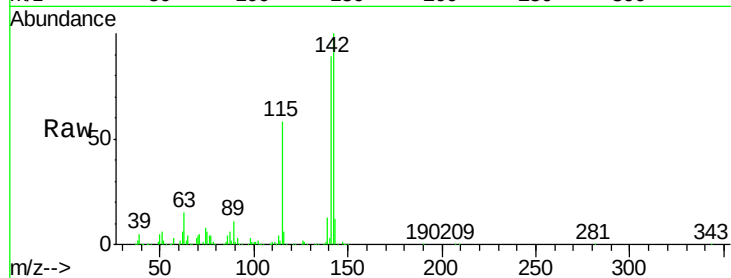
Tot Ion:142 Resp: 1102584

Ion Ratio Lower Upper

142 100

141 88.8 71.9 107.9

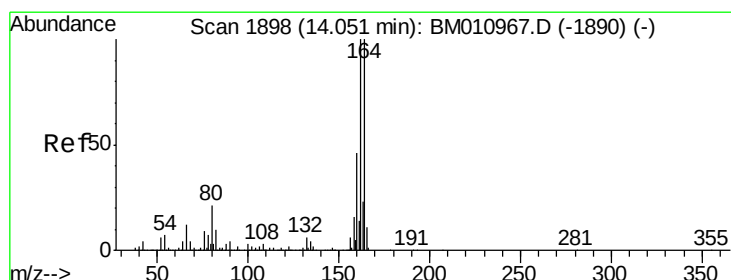
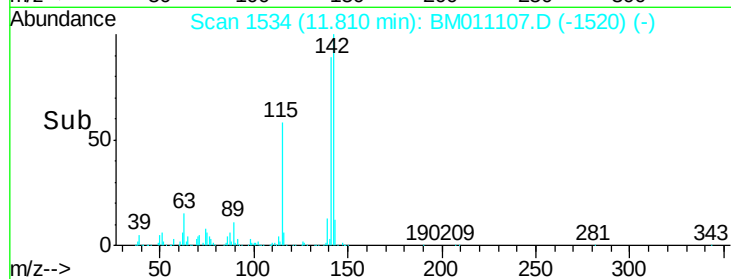
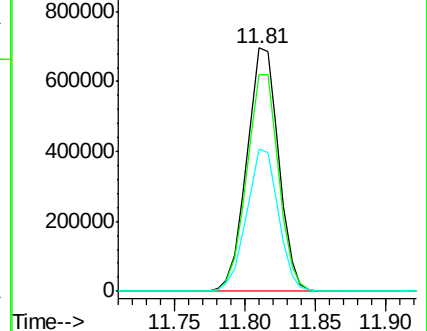
115 58.3 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.04 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

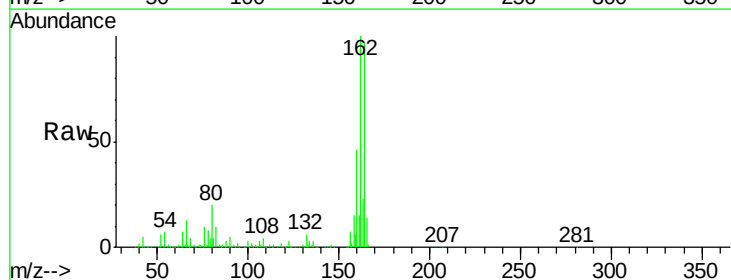
Tgt Ion:164 Resp: 586777

Ion Ratio Lower Upper

164 100

162 103.4 82.4 123.6

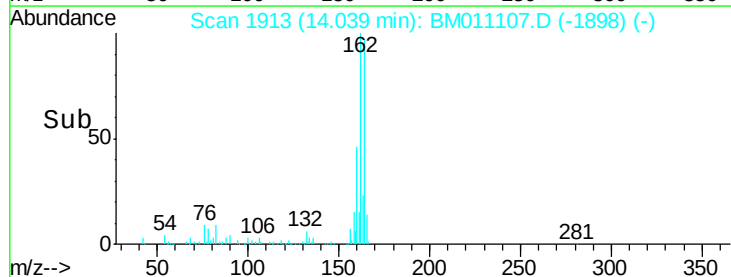
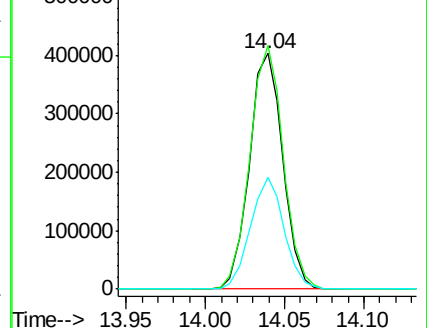
160 47.7 35.8 53.6

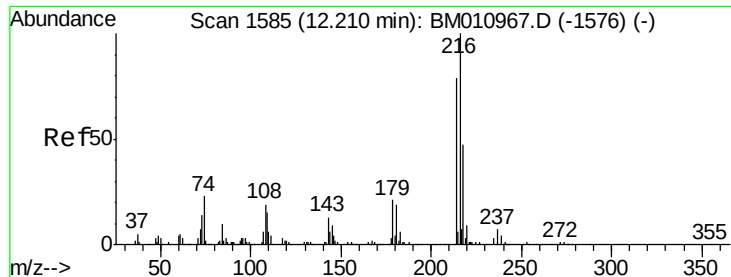


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

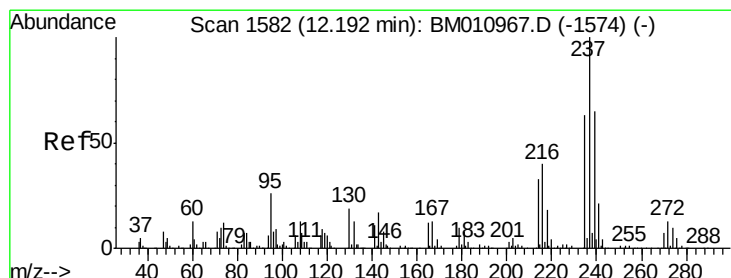
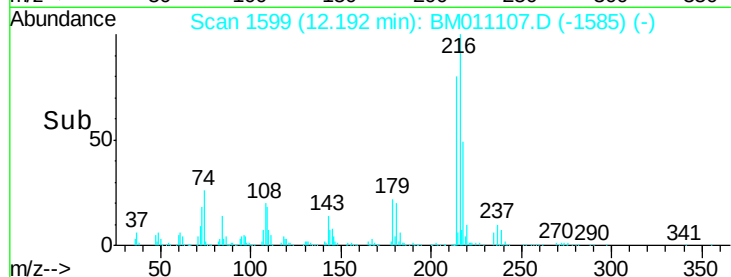
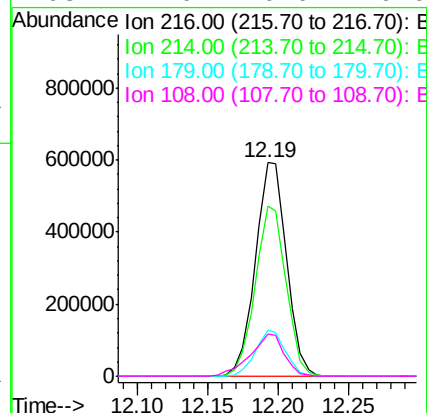
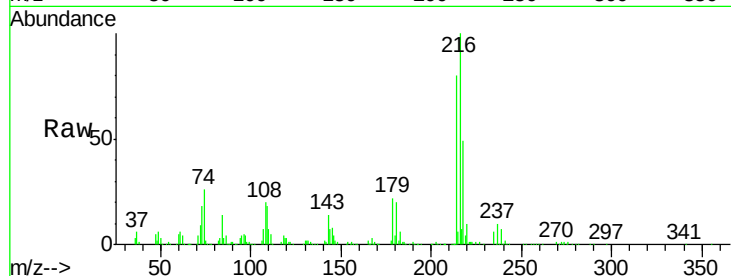




#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 36.51 ng  
 RT: 12.19 min Scan# 1599  
 Delta R.T. -0.02 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

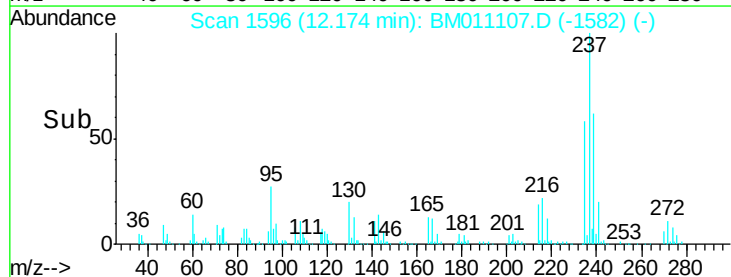
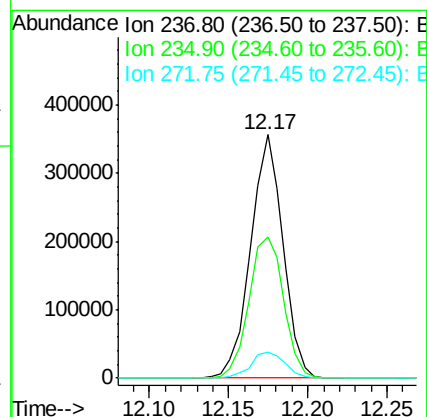
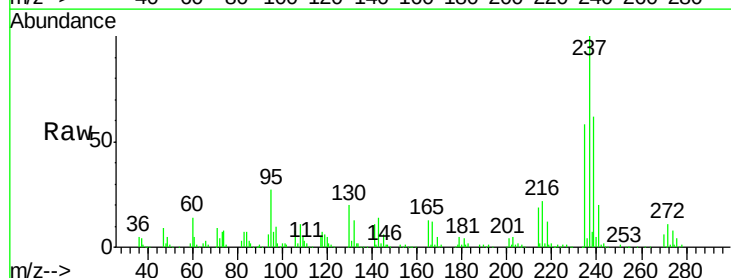
Instrument :  
 BNA\_M  
 ClientSampled :

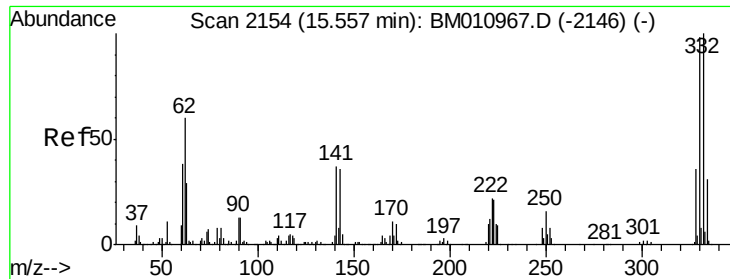
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 216   | Resp: | 920504 |
| Ion      | Ratio | Lower | Upper  |
| 216      | 100   |       |        |
| 214      | 78.5  | 0.0   | 0.0#   |
| 179      | 20.7  | 0.0   | 0.0#   |
| 108      | 21.6  | 0.0   | 0.0#   |



#40  
 Hexachlorocyclopentadiene  
 Concen: 34.35 ng  
 RT: 12.17 min Scan# 1596  
 Delta R.T. -0.02 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 237   | Resp: | 504631 |
| Ion      | Ratio | Lower | Upper  |
| 237      | 100   |       |        |
| 235      | 57.7  | 42.0  | 82.0   |
| 272      | 10.5  | 0.0   | 33.4   |

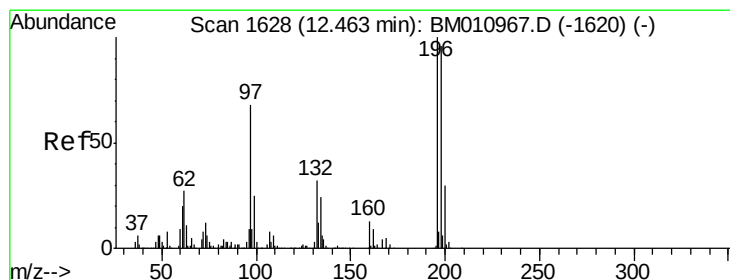
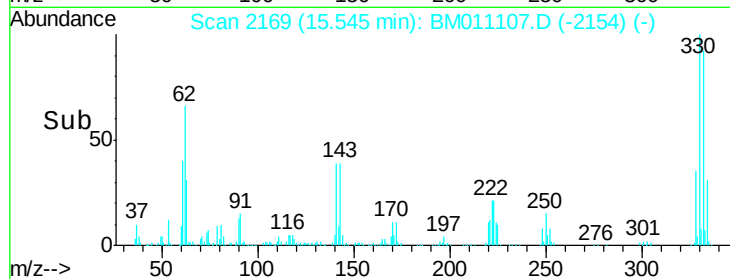
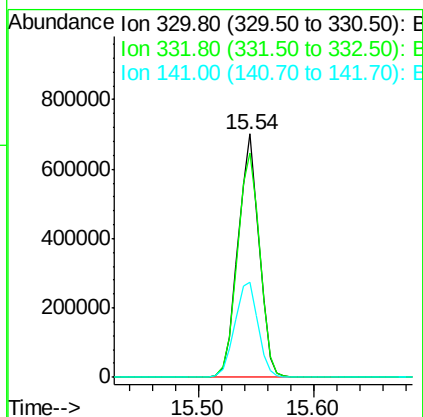
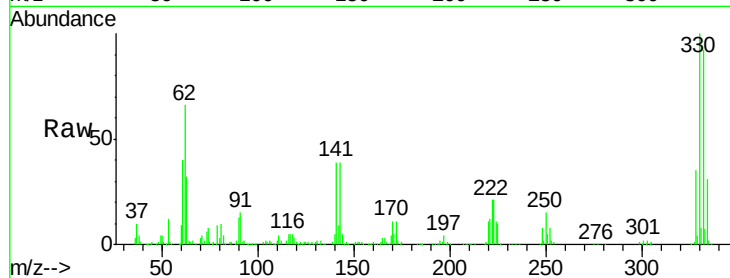




#41  
 2,4,6-Tribromophenol  
 Concen: 94.70 ng  
 RT: 15.54 min Scan# 2169  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

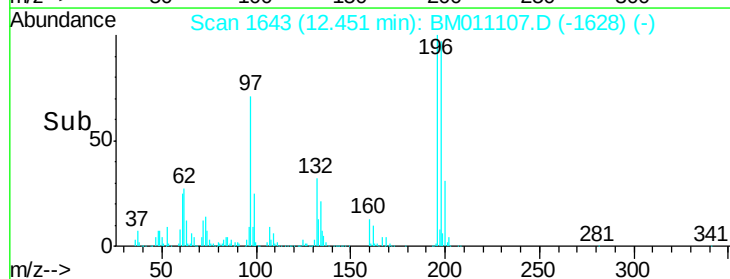
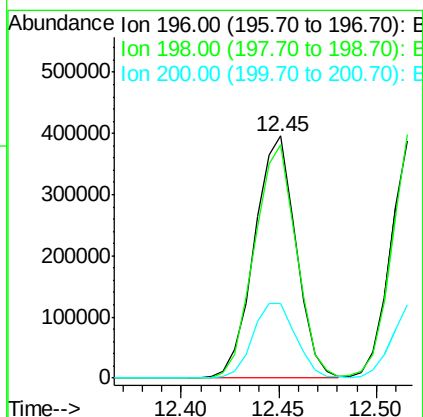
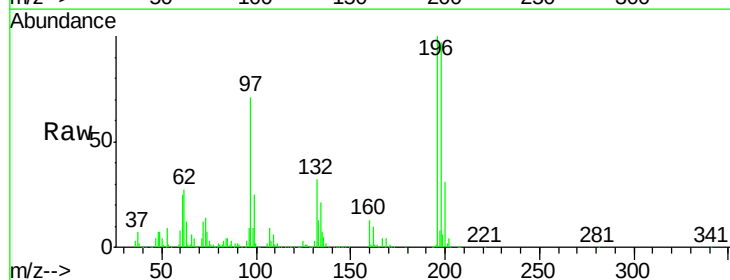
Instrument :  
 BNA\_M  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 97.5  | 0.0   | 0.0#  |
| 141     | 43.1  | 0.0   | 0.0#  |

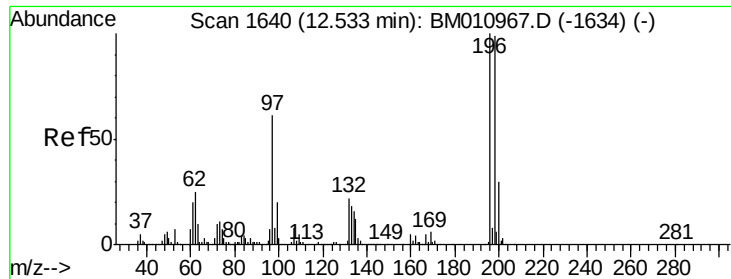


#42  
 2,4,6-Trichlorophenol  
 Concen: 38.27 ng  
 RT: 12.45 min Scan# 1643  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 196     | 100   |       |       |
| 198     | 96.6  | 76.3  | 114.5 |
| 200     | 30.8  | 25.6  | 38.4  |



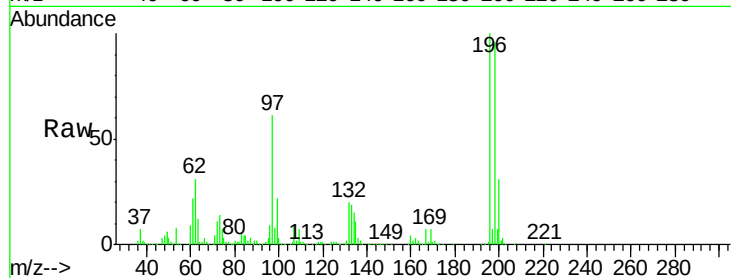




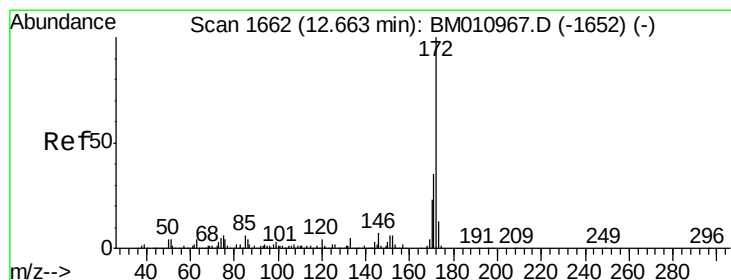
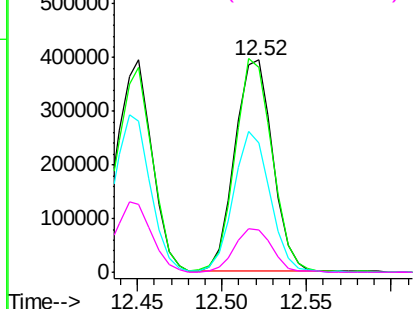
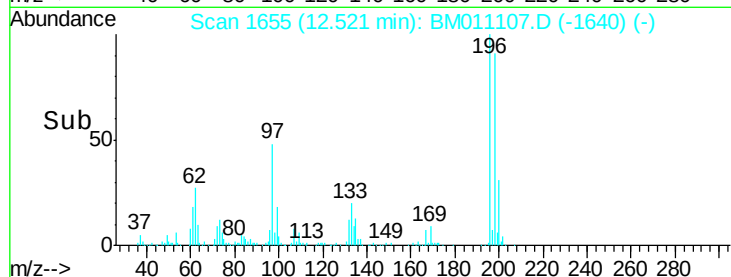
#43  
2,4,5-Trichlorophenol  
Concen: 39.12 ng  
RT: 12.52 min Scan# 1655  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:196 Resp: 614762  
Ion Ratio Lower Upper  
196 100  
198 96.3 79.4 119.0  
97 61.0 26.8 40.2#  
132 20.0 18.6 28.0

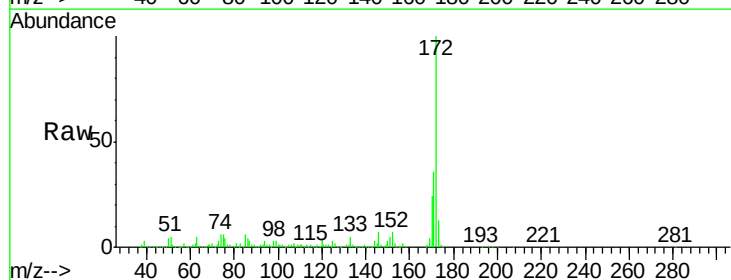


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BM  
Ion 132.00 (131.70 to 132.70): E

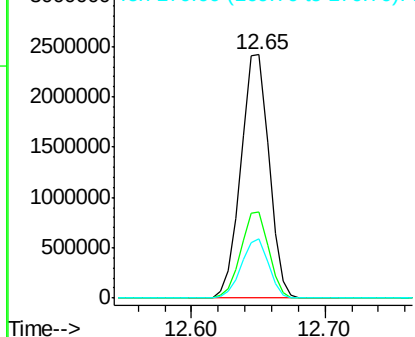
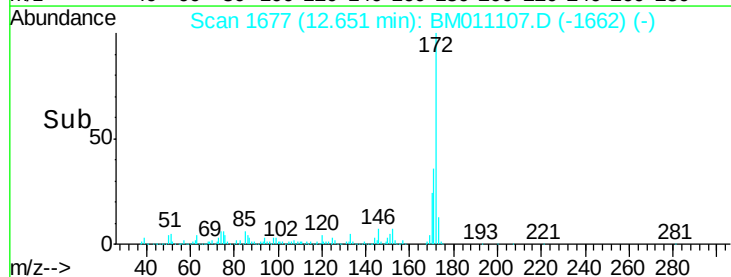


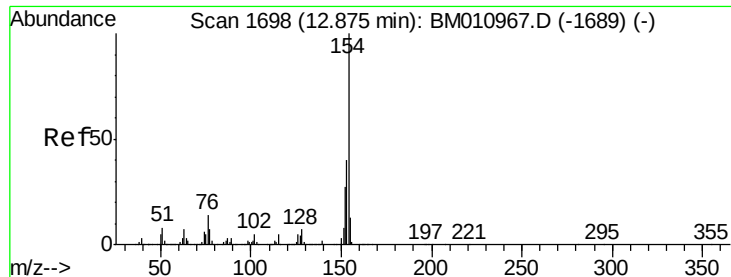
#44  
2-Fluorobiphenyl  
Concen: 75.38 ng  
RT: 12.65 min Scan# 1677  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:172 Resp: 3526643  
Ion Ratio Lower Upper  
172 100  
171 35.6 28.5 42.7  
170 24.1 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: 37.67 ng

RT: 12.86 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

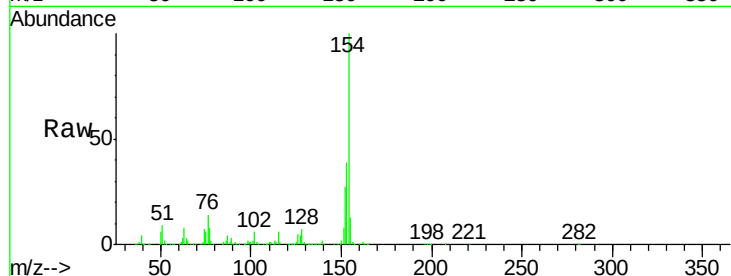
Tot Ion:154 Resp: 1911241

Ion Ratio Lower Upper

154 100

153 39.2 20.7 60.7

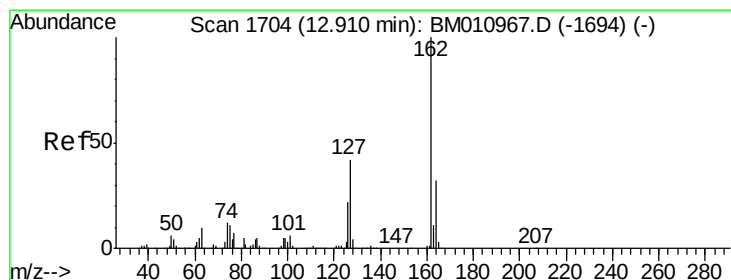
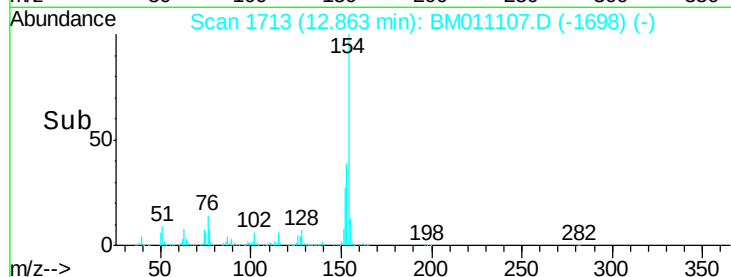
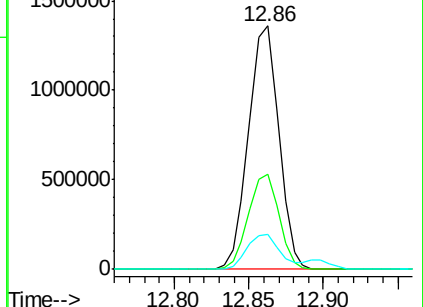
76 14.2 0.0 30.9



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: 37.29 ng

RT: 12.89 min Scan# 1718

Delta R.T. -0.02 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

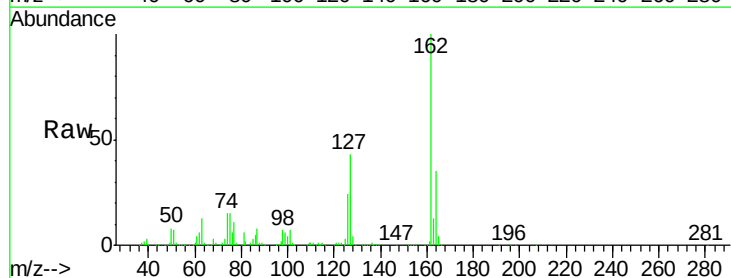
Tgt Ion:162 Resp: 1394072

Ion Ratio Lower Upper

162 100

127 42.8 26.9 40.3#

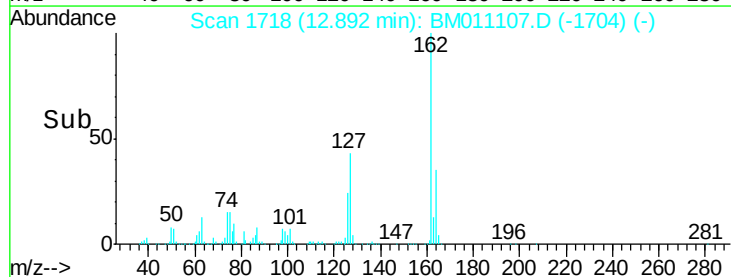
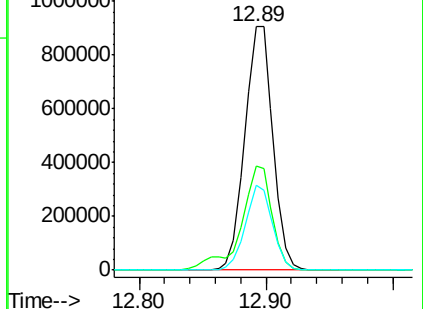
164 34.8 26.8 40.2

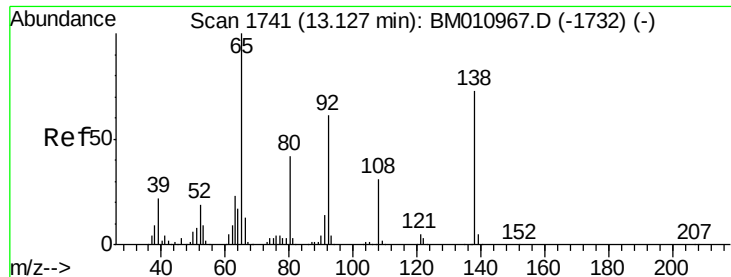


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

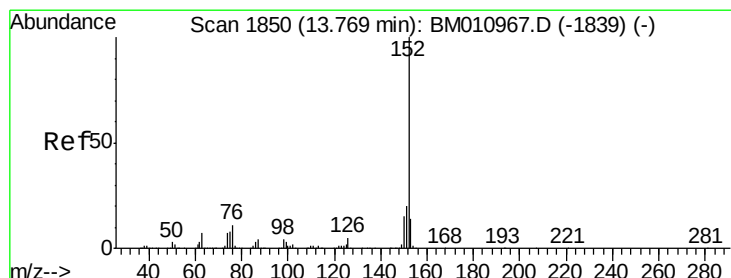
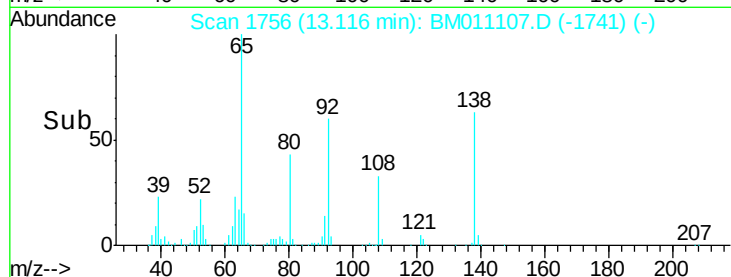
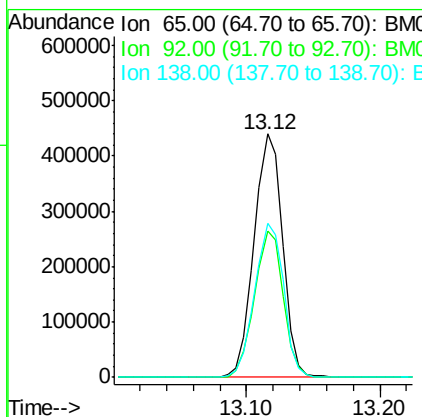
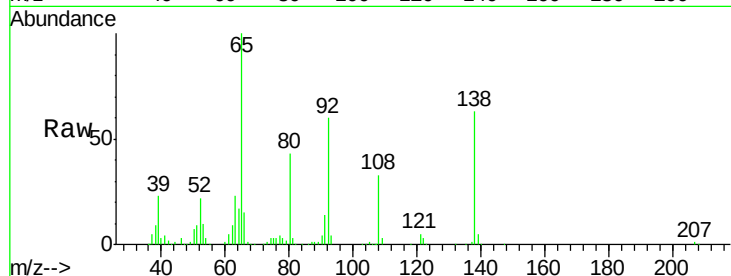




#47  
2-Nitroaniline  
Concen: 48.77 ng  
RT: 13.12 min Scan# 1756  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

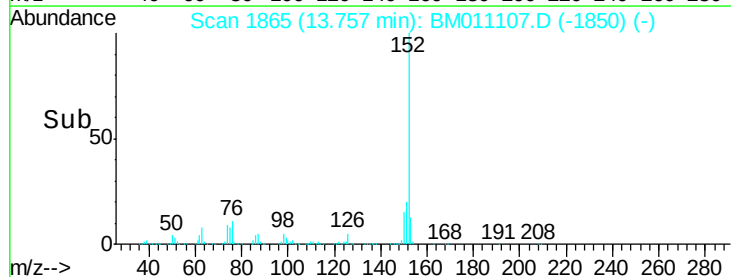
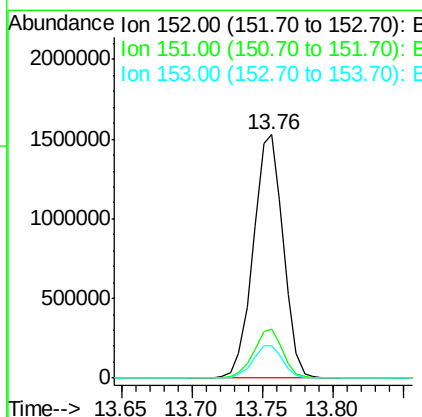
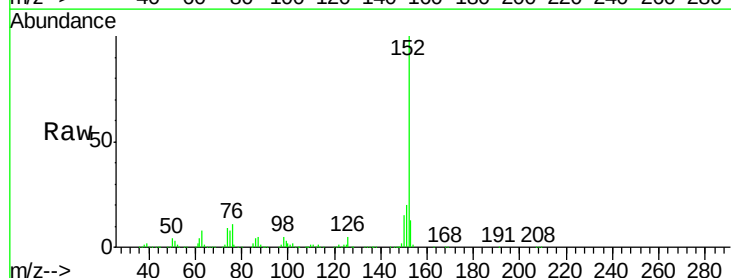
Instrument :  
BNA\_M  
ClientSampled :

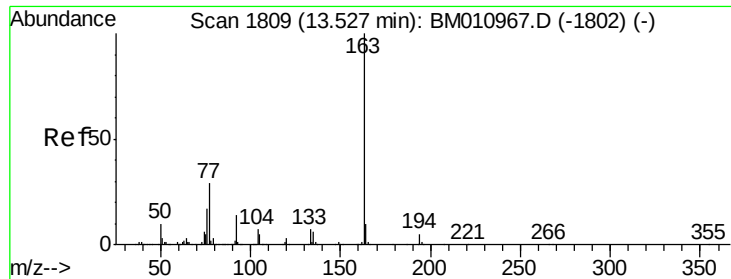
| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 65      | 100   |       |        |
| 92      | 60.3  | 59.1  | 88.7   |
| 138     | 63.4  | 93.9  | 140.9# |



#48  
Acenaphthylene  
Concen: 40.70 ng  
RT: 13.76 min Scan# 1865  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 151     | 20.1  | 15.9  | 23.9  |
| 153     | 13.1  | 10.6  | 16.0  |

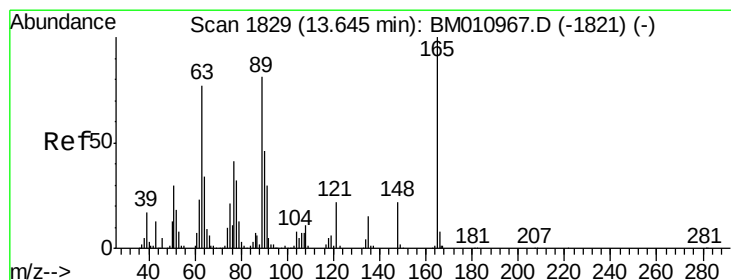
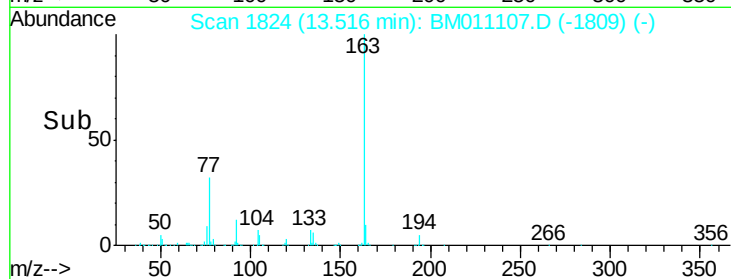
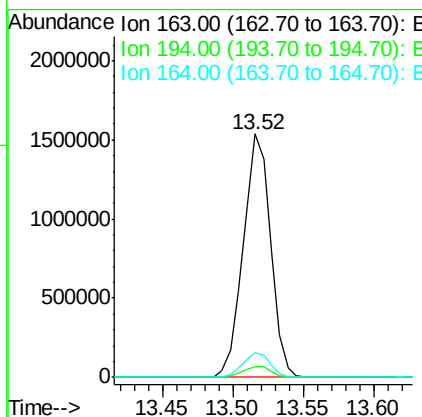
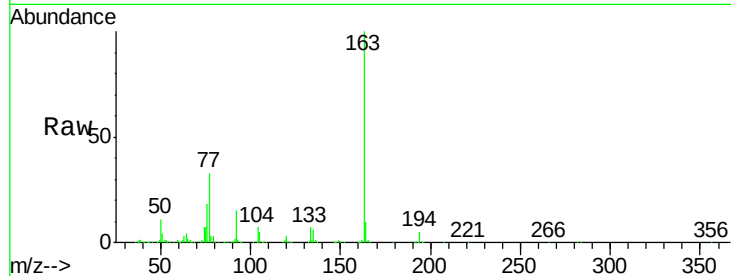




#49  
Dimethylphthalate  
Concen: 41.46 ng  
RT: 13.52 min Scan# 1824  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

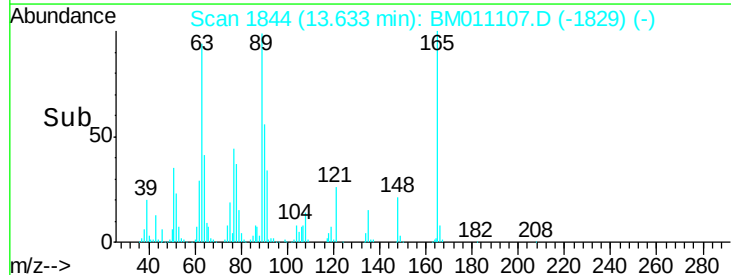
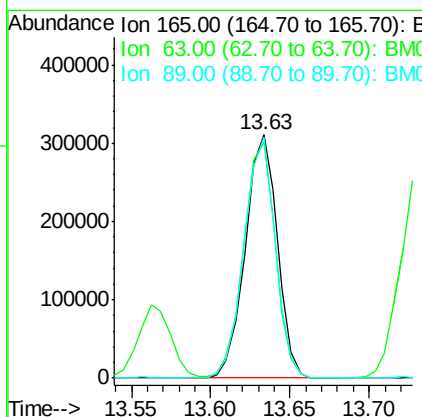
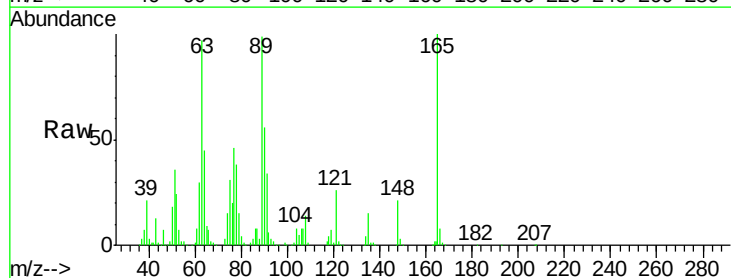
Instrument :  
BNA\_M  
ClientSampleId :

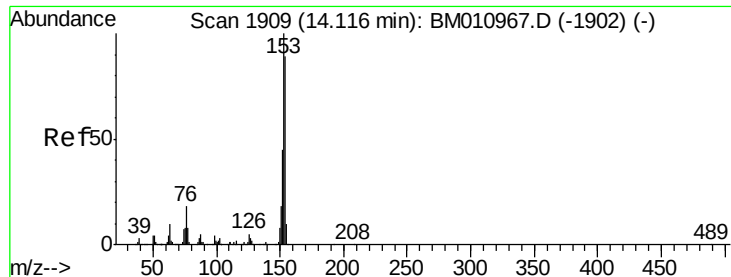
Tot Ion:163 Resp: 2081043  
Ion Ratio Lower Upper  
163 100  
194 4.5 2.7 4.1#  
164 10.0 8.2 12.2



#50  
2,6-Dinitrotoluene  
Concen: 43.09 ng  
RT: 13.63 min Scan# 1844  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:165 Resp: 437372  
Ion Ratio Lower Upper  
165 100  
63 97.1 44.1 66.1#  
89 99.2 44.3 66.5#





#51

Acenaphthene

Concen: 41.46 ng

RT: 14.10 min Scan# 1924

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

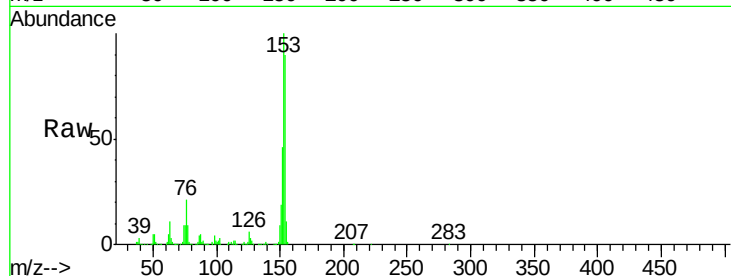
Tot Ion:154 Resp: 1432178

Ion Ratio Lower Upper

154 100

153 110.8 90.0 135.0

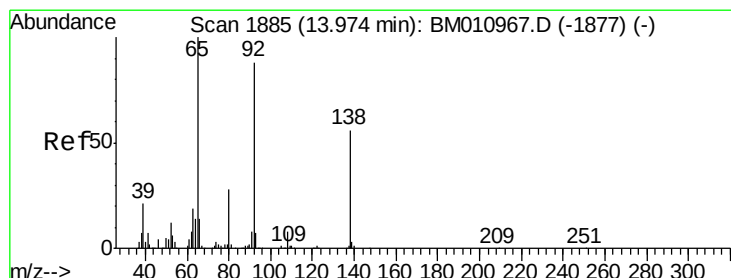
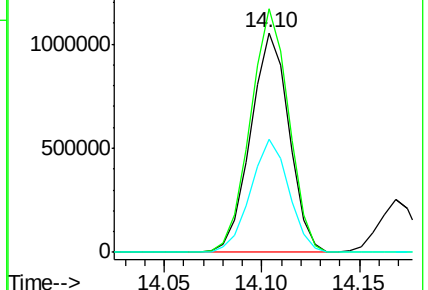
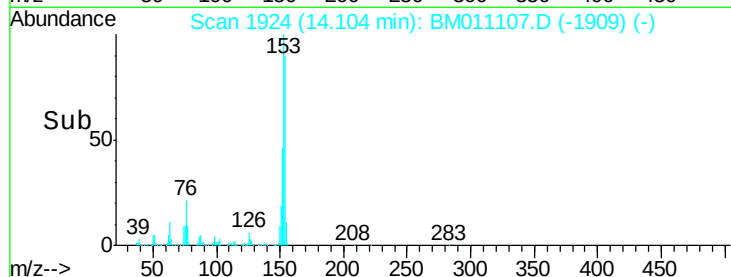
152 51.3 42.6 63.8



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: 45.57 ng

RT: 13.96 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

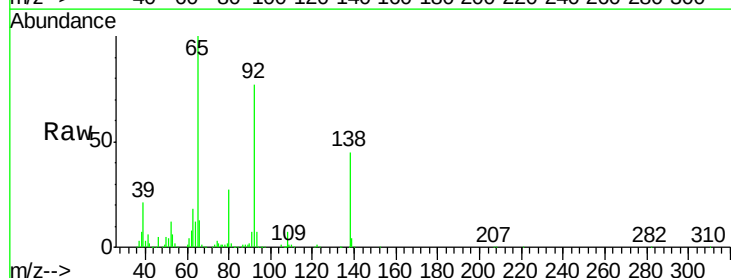
Tgt Ion:138 Resp: 401365

Ion Ratio Lower Upper

138 100

108 15.4 7.3 10.9#

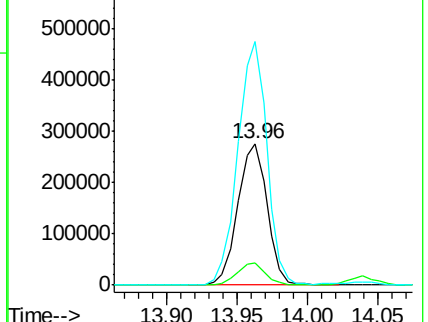
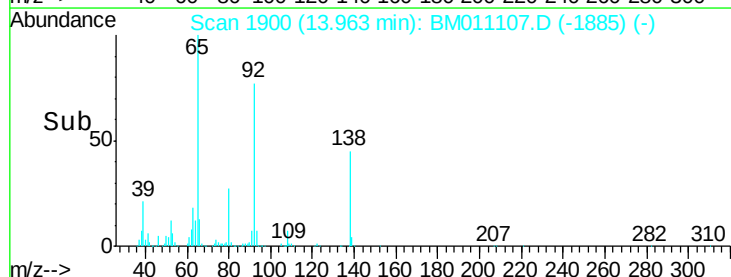
92 171.9 76.6 114.8#

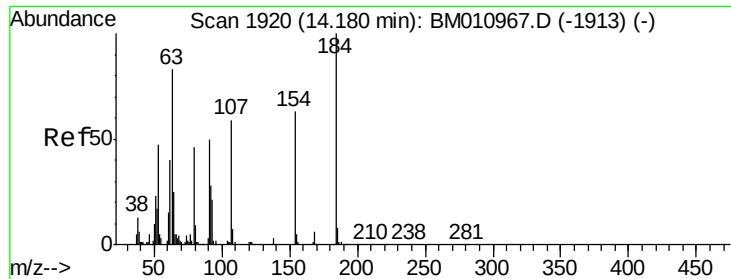


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

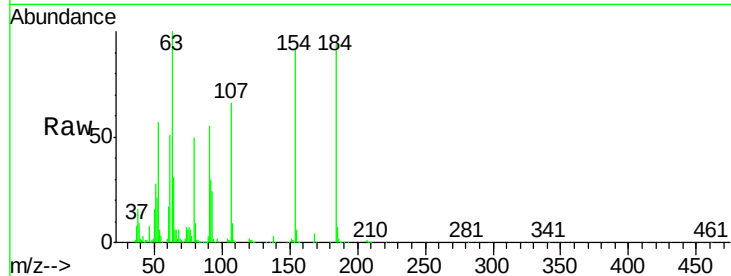




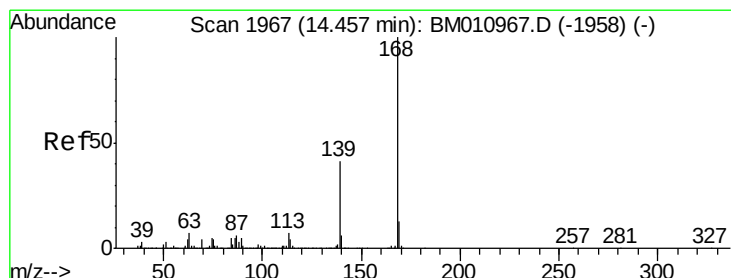
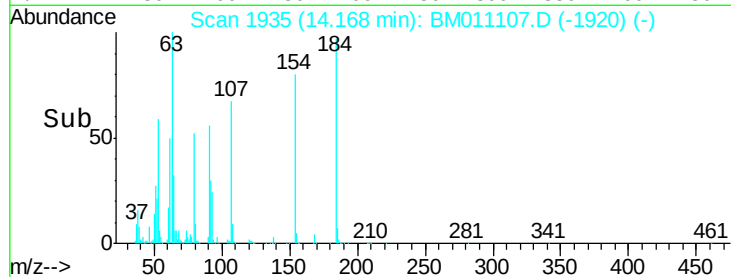
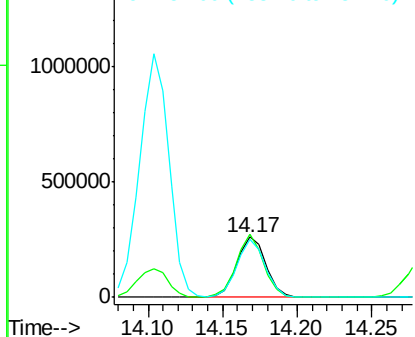
#53  
2,4-Dinitrophenol  
Concen: 49.09 ng  
RT: 14.17 min Scan# 1935  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:184 Resp: 354157  
Ion Ratio Lower Upper  
184 100  
63 106.0 69.2 103.8#  
154 97.4 53.3 79.9#

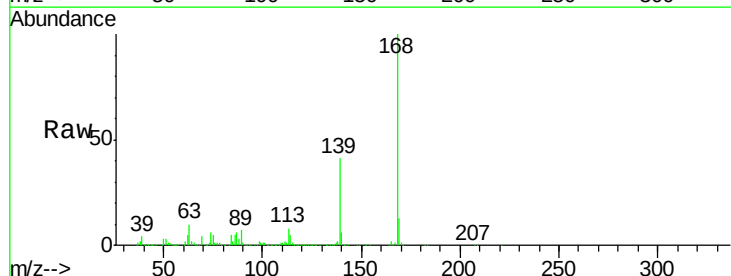


Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 63.00 (62.70 to 63.70): E  
Ion 154.00 (153.70 to 154.70): E

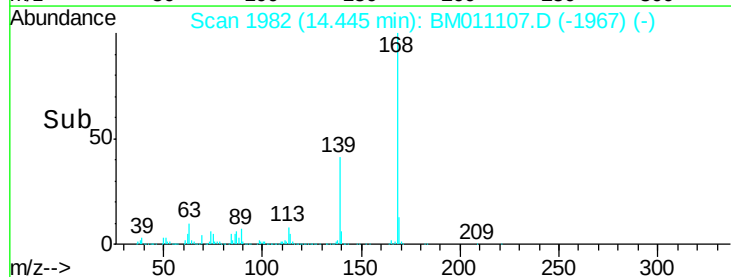
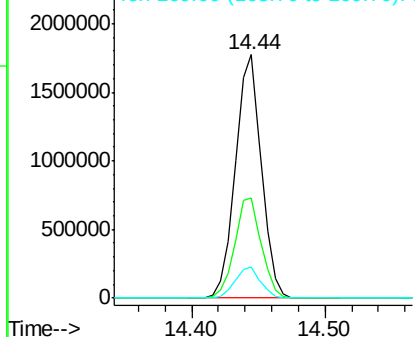


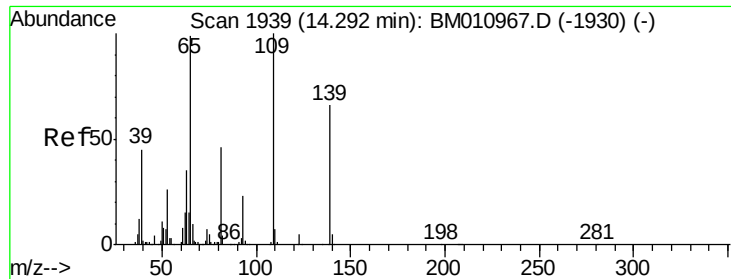
#54  
Dibenzofuran  
Concen: 42.75 ng  
RT: 14.44 min Scan# 1982  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:168 Resp: 2393073  
Ion Ratio Lower Upper  
168 100  
139 41.3 27.3 40.9#  
169 12.8 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

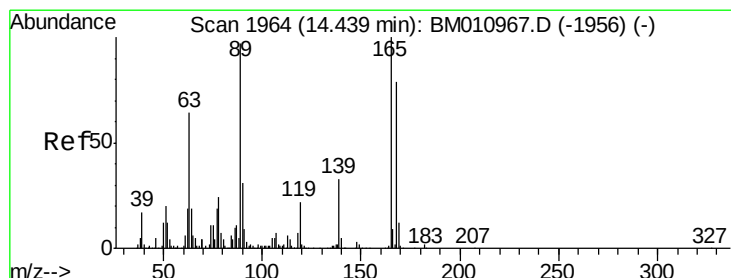
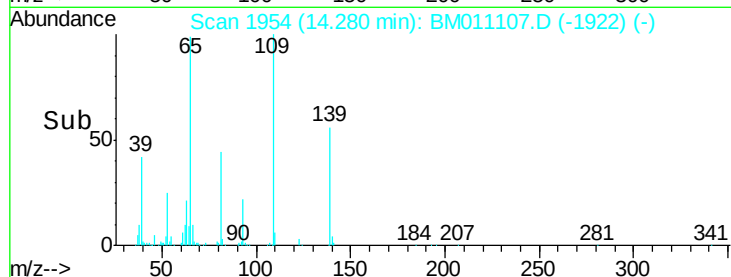
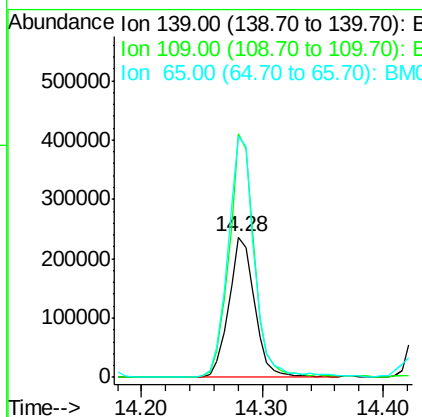
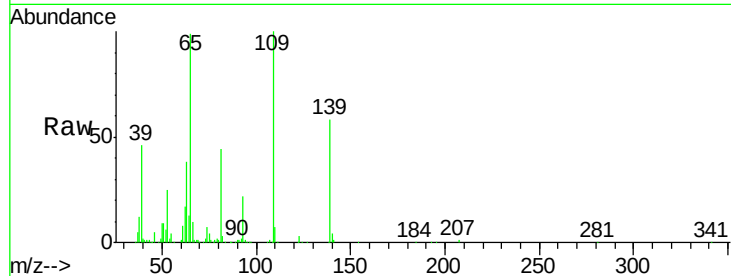




#55  
4-Nitrophenol  
Concen: 45.45 ng  
RT: 14.28 min Scan# 1954  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

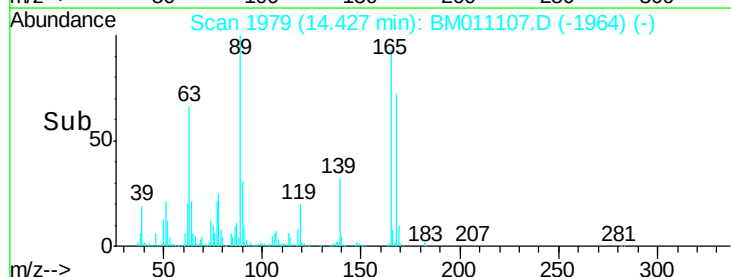
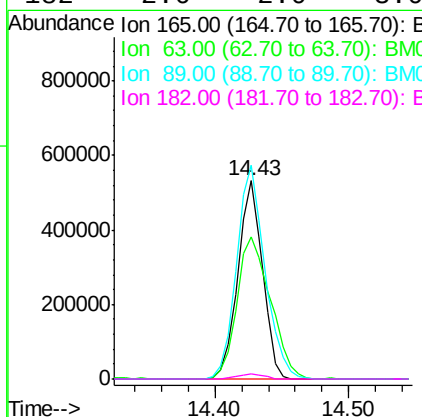
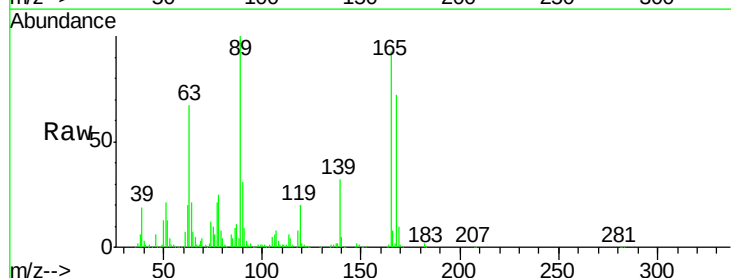
Instrument :  
BNA\_M  
ClientSampled :

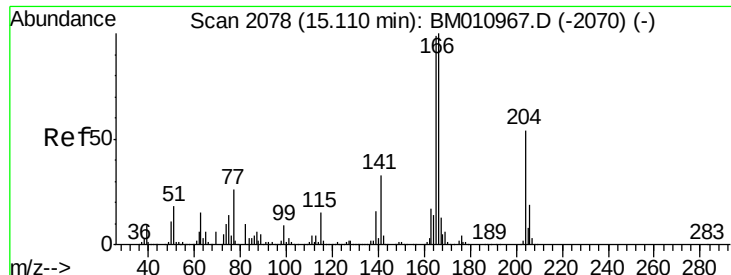
Tot Ion:139 Resp: 351739  
Ion Ratio Lower Upper  
139 100  
109 173.9 130.0 170.0#  
65 172.3 130.0 170.0#



#56  
2,4-Dinitrotoluene  
Concen: 47.66 ng  
RT: 14.43 min Scan# 1979  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:165 Resp: 679120  
Ion Ratio Lower Upper  
165 100  
63 71.7 52.4 78.6  
89 107.7 72.4 108.6  
182 2.6 2.0 3.0

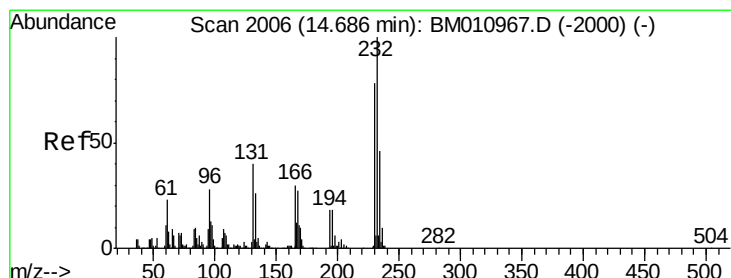
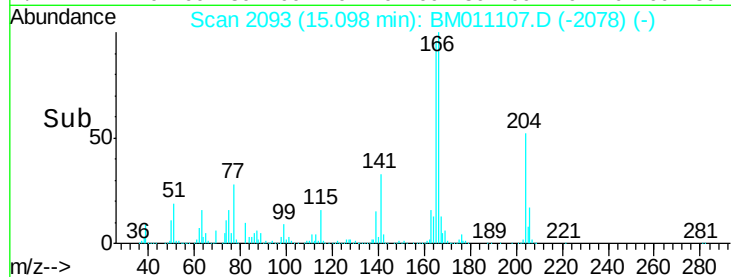
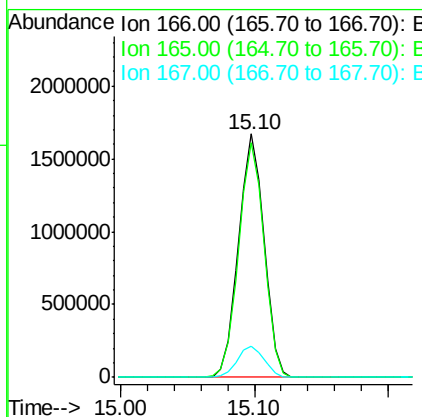
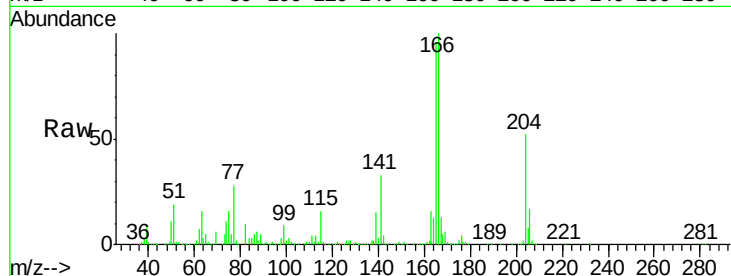




#57  
 Fluorene  
 Concen: 45.49 ng  
 RT: 15.10 min Scan# 2093  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

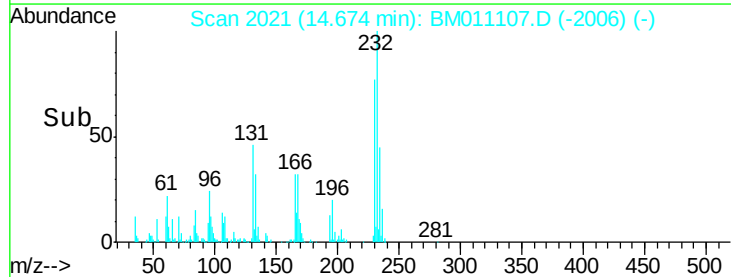
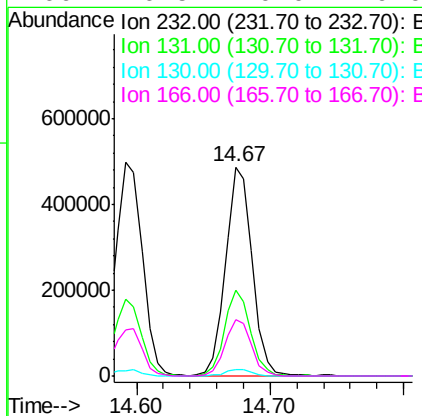
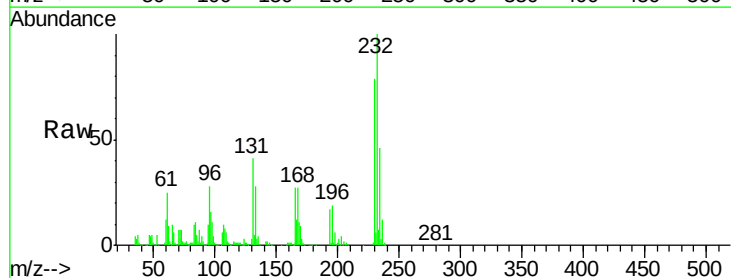
Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:166 Resp: 2216625  
 Ion Ratio Lower Upper  
 166 100  
 165 96.2 79.0 118.4  
 167 12.6 10.3 15.5

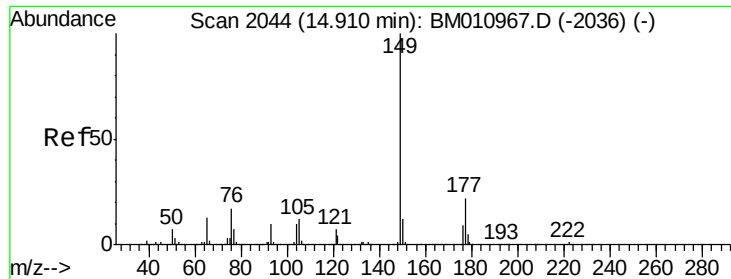


#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 46.25 ng  
 RT: 14.67 min Scan# 2021  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion:232 Resp: 681277  
 Ion Ratio Lower Upper  
 232 100  
 131 39.9 0.0 0.0#  
 130 3.0 0.0 0.0#  
 166 26.5 0.0 0.0#



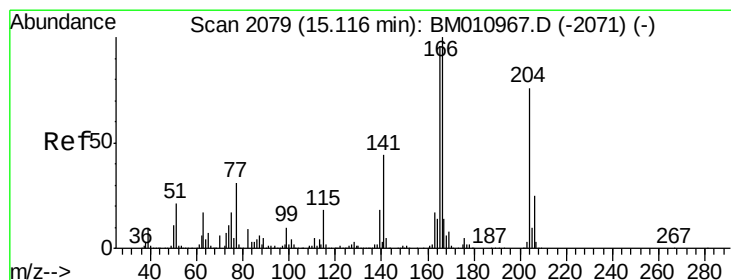
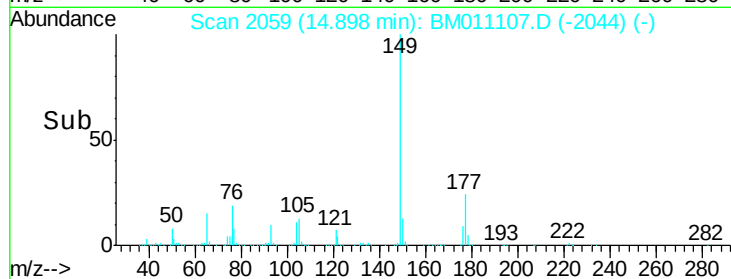
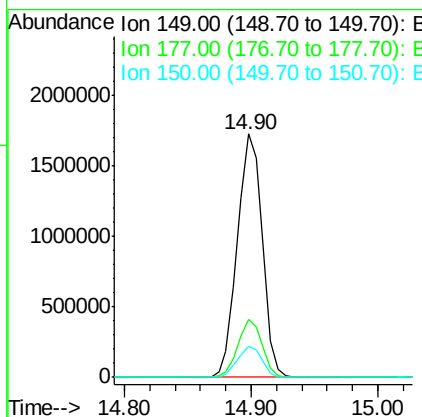
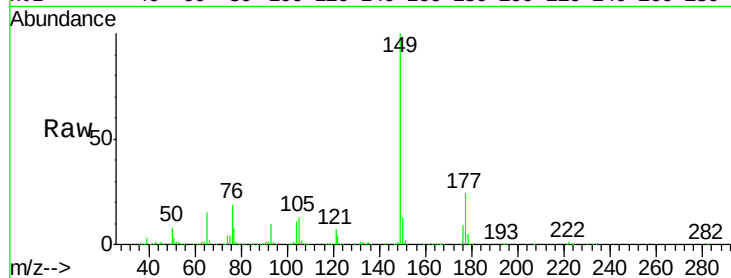




#59  
Diethylphthalate  
Concen: 45.41 ng  
RT: 14.90 min Scan# 2059  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

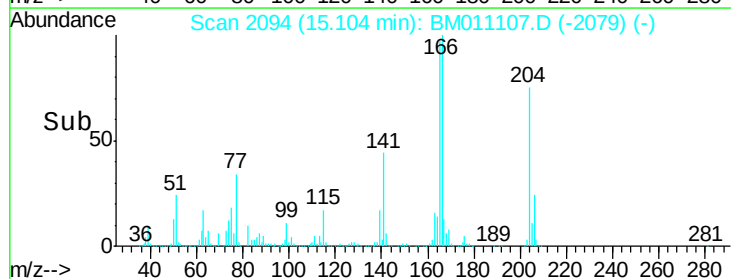
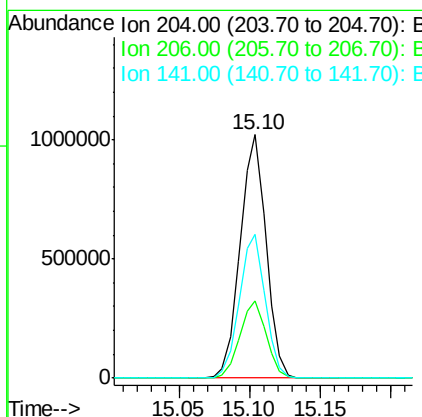
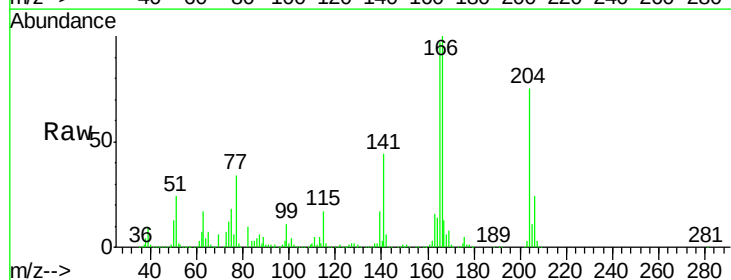
Instrument :  
BNA\_M  
ClientSampled :

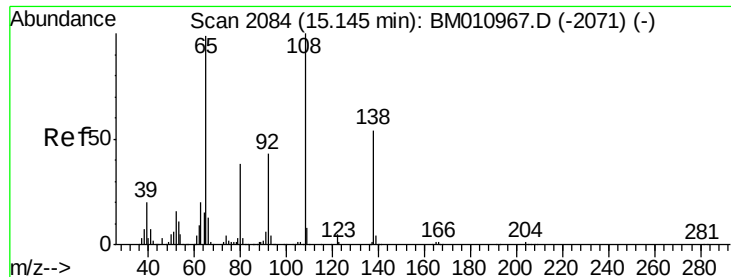
Tot Ion:149 Resp: 2327833  
Ion Ratio Lower Upper  
149 100  
177 23.6 18.3 27.5  
150 12.5 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 44.41 ng  
RT: 15.10 min Scan# 2094  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:204 Resp: 1306812  
Ion Ratio Lower Upper  
204 100  
206 31.5 26.6 39.8  
141 59.0 45.2 67.8





#61

4-Nitroaniline

Concen: 44.98 ng

RT: 15.14 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampled :

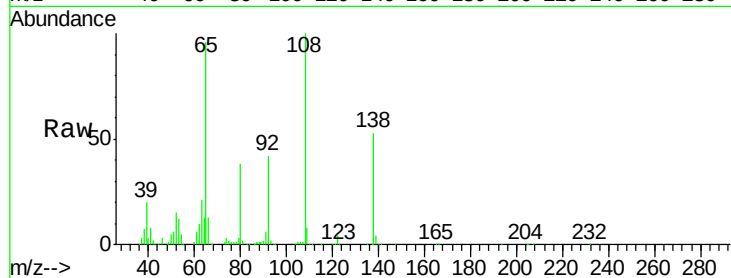
Tot Ion:138 Resp: 420873

Ion Ratio Lower Upper

138 100

92 79.0 16.7 56.7#

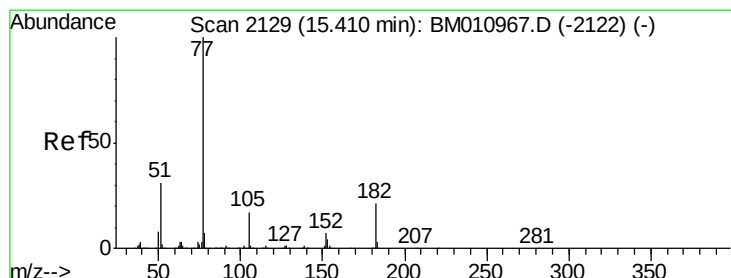
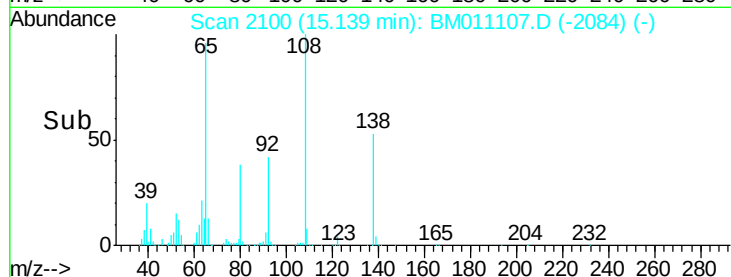
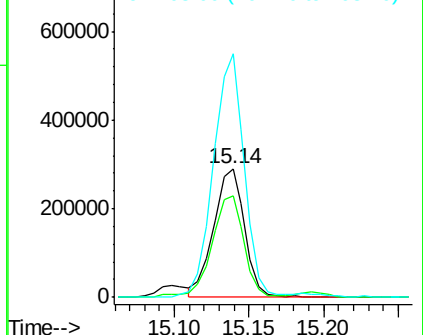
108 189.0 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 50.79 ng

RT: 15.40 min Scan# 2144

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Tgt Ion: 77 Resp: 2786780

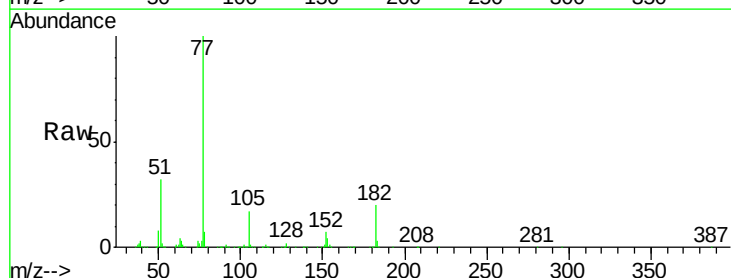
Ion Ratio Lower Upper

77 100

182 20.3 6.5 46.5

105 16.6 3.8 43.8

51 32.1 5.5 45.5

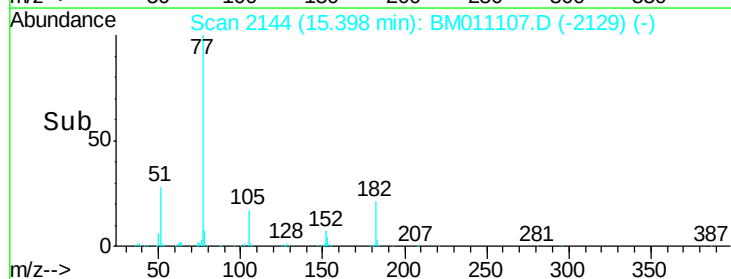
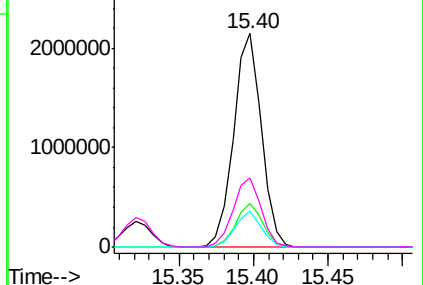


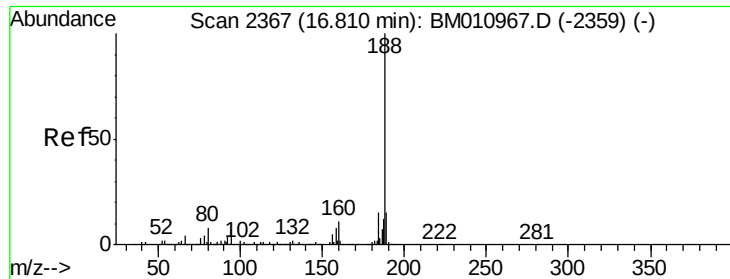
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

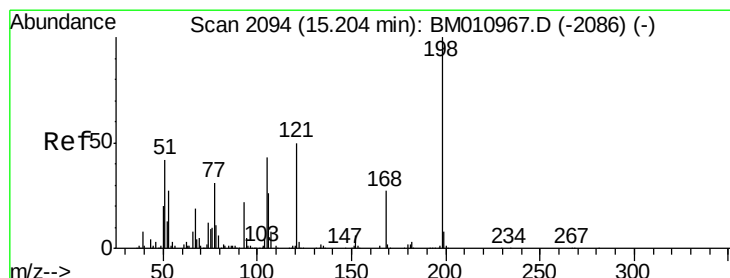
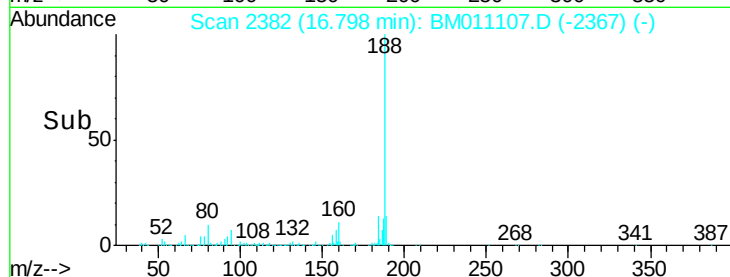
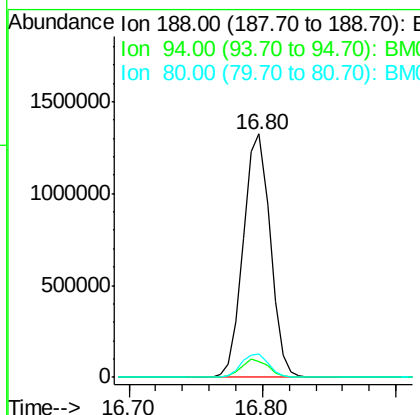
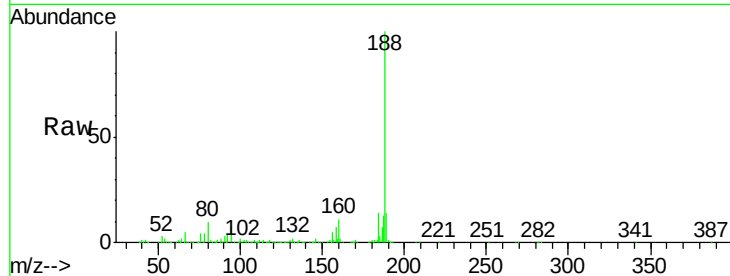




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.80 min Scan# 2382  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

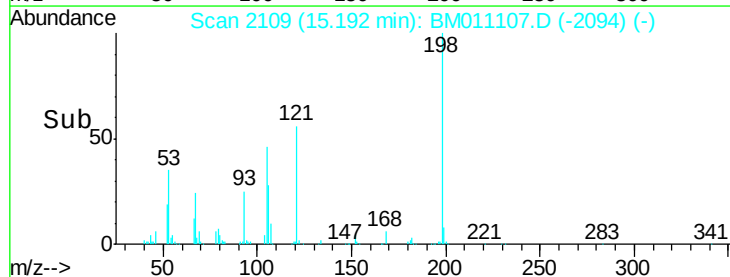
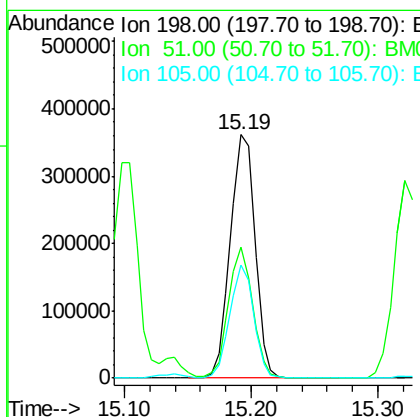
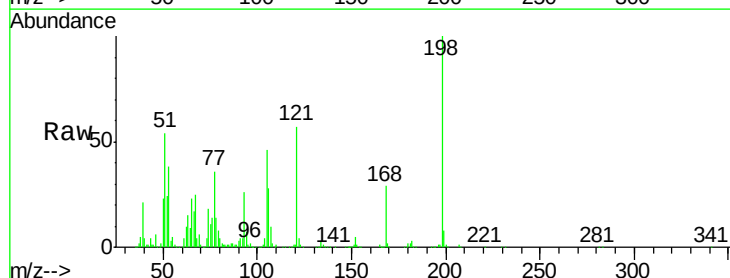
Instrument :  
BNA\_M  
ClientSampleId :

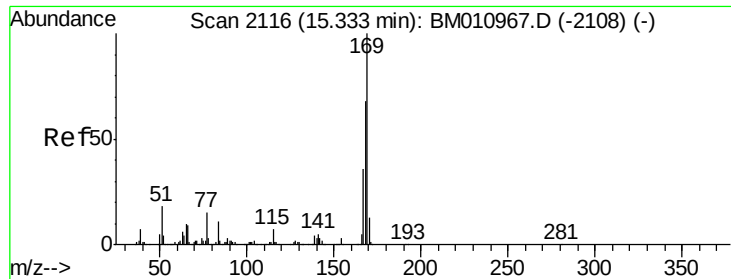
Tot Ion:188 Resp: 1841449  
Ion Ratio Lower Upper  
188 100  
94 6.7 8.7 13.1#  
80 9.7 9.3 13.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.25 ng  
RT: 15.19 min Scan# 2109  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:198 Resp: 489295  
Ion Ratio Lower Upper  
198 100  
51 54.0 28.8 68.8  
105 46.2 30.5 70.5

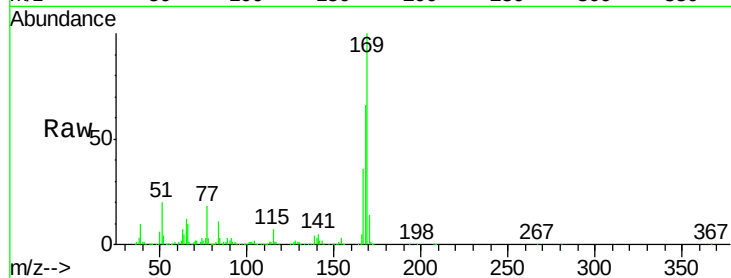




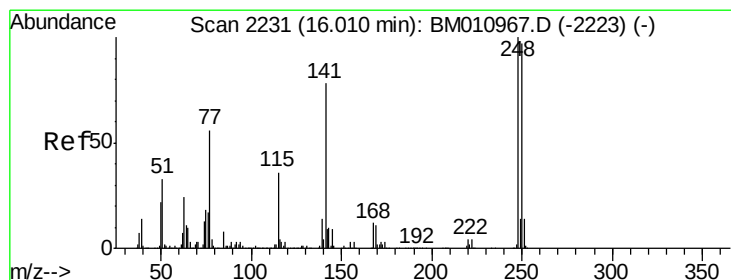
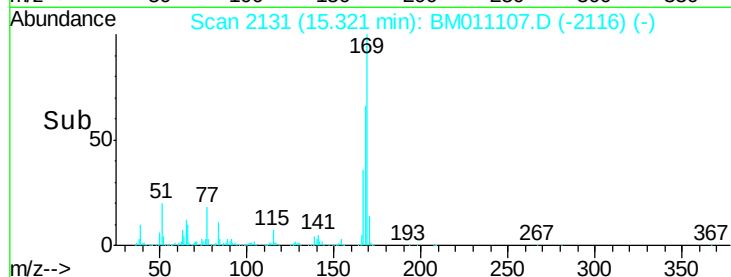
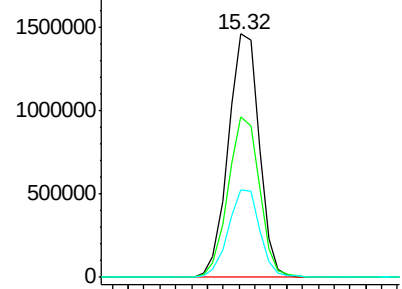
#65  
n-Nitrosodiphenylamine  
Concen: 37.58 ng  
RT: 15.32 min Scan# 2131  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Instrument :  
BNA\_M  
ClientSampleId :

Tot Ion:169 Resp: 1980293  
Ion Ratio Lower Upper  
169 100  
168 65.7 53.9 80.9  
167 36.1 28.9 43.3

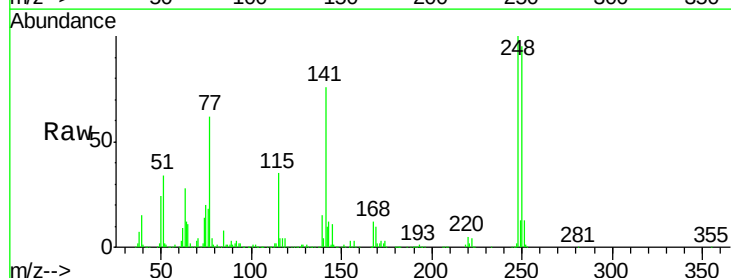


Abundance Ion 169.00 (168.70 to 169.70): E  
2000000 Ion 168.00 (167.70 to 168.70): E  
Ion 167.00 (166.70 to 167.70): E

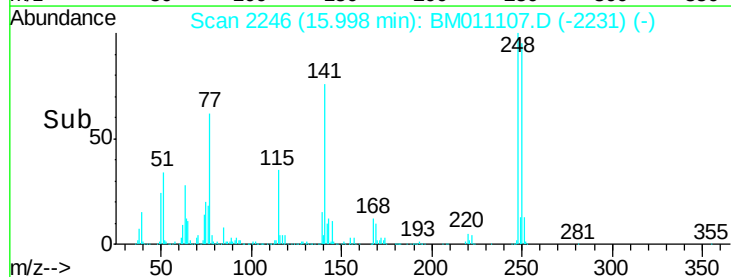
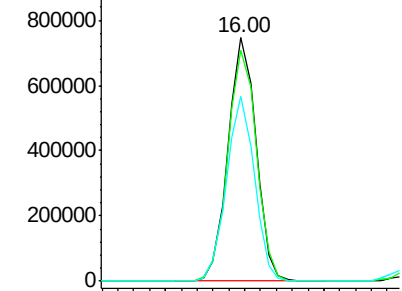


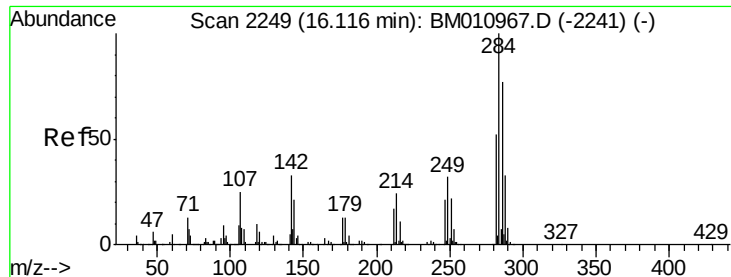
#66  
4-Bromophenyl-phenylether  
Concen: 38.80 ng  
RT: 16.00 min Scan# 2246  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:248 Resp: 918531  
Ion Ratio Lower Upper  
248 100  
250 94.6 77.4 116.0  
141 76.1 45.2 67.8#



Abundance Ion 248.00 (247.70 to 248.70): E  
1000000 Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

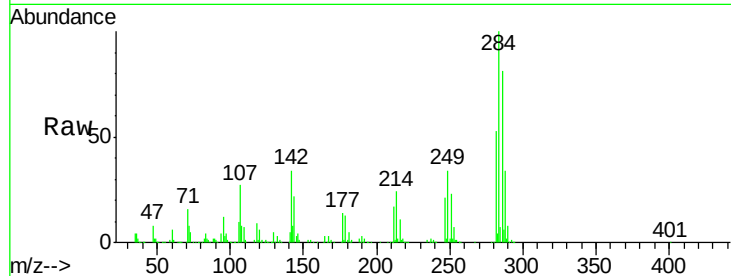




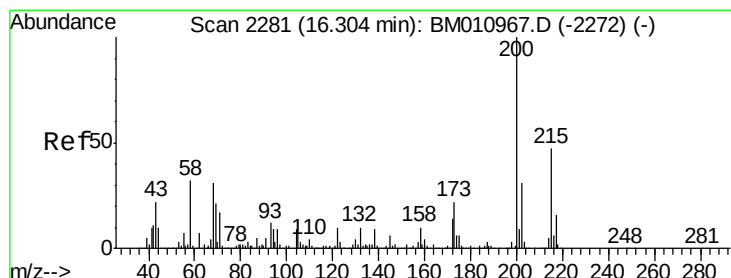
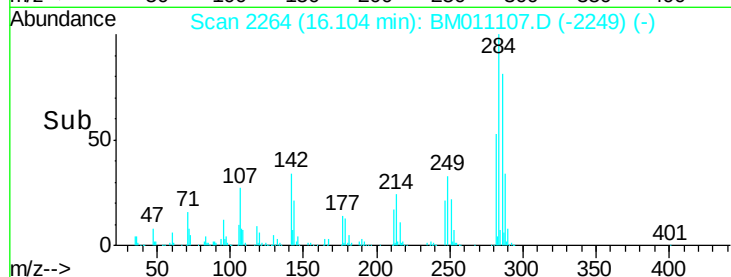
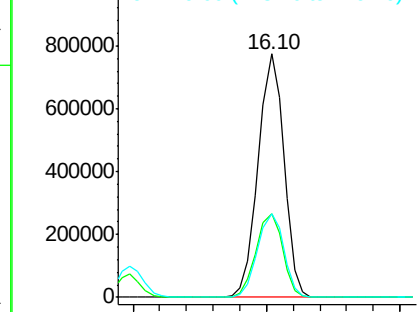
#67  
Hexachlorobenzene  
Concen: 38.47 ng  
RT: 16.10 min Scan# 2264  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:284 Resp: 1029024  
Ion Ratio Lower Upper  
284 100  
142 34.3 20.4 30.6#  
249 34.4 23.8 35.6

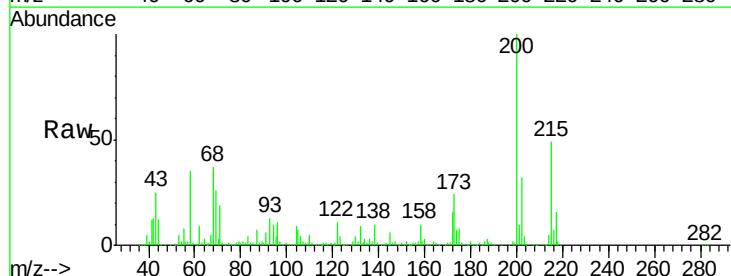


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

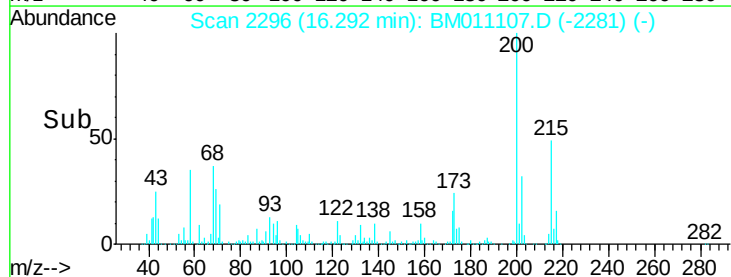
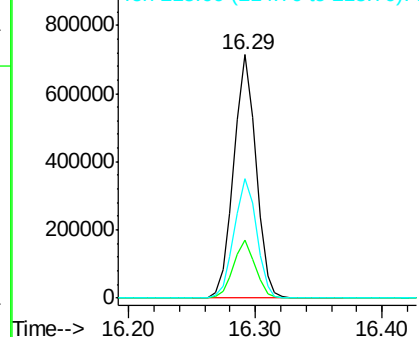


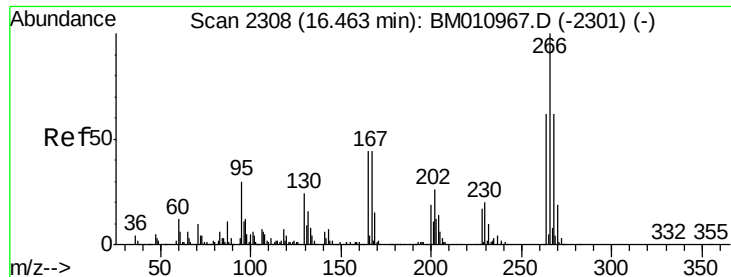
#68  
Atrazine  
Concen: 40.96 ng  
RT: 16.29 min Scan# 2296  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:200 Resp: 865055  
Ion Ratio Lower Upper  
200 100  
173 23.8 4.8 44.8  
215 49.3 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

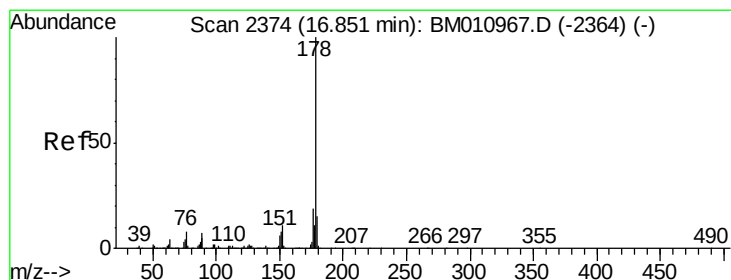
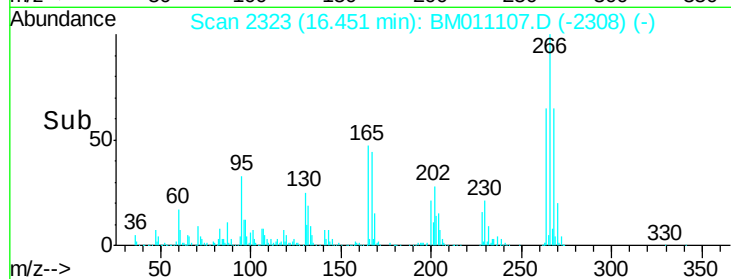
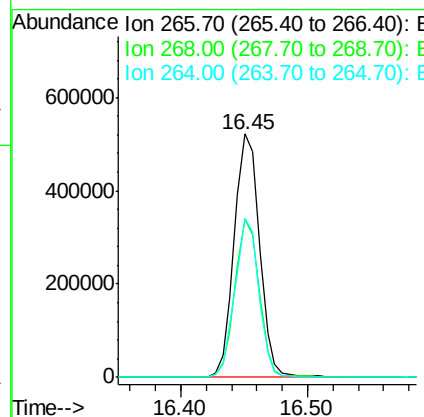
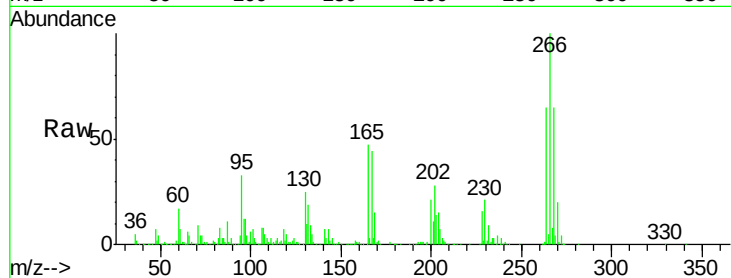




#69  
 Pentachlorophenol  
 Concen: 42.47 ng  
 RT: 16.45 min Scan# 2323  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

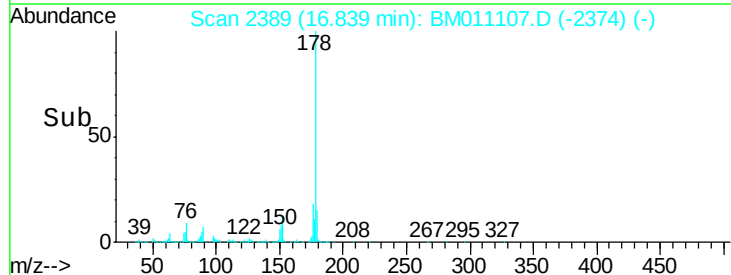
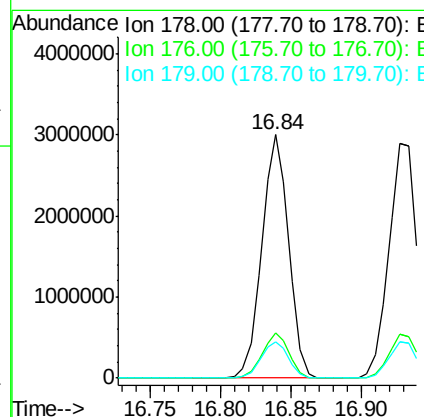
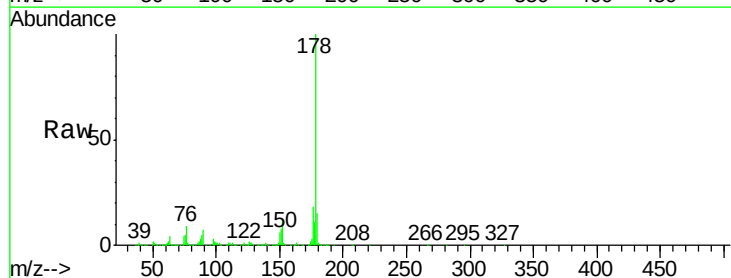
Instrument :  
 BNA\_M  
 ClientSampleId :

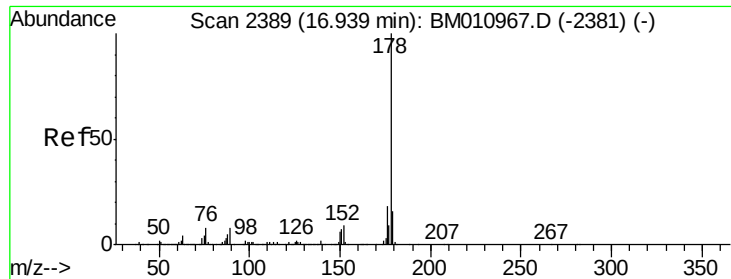
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 266     | 100   |       |       |
| 268     | 64.6  | 52.0  | 78.0  |
| 264     | 65.2  | 49.0  | 73.4  |



#70  
 Phenanthrene  
 Concen: 41.48 ng  
 RT: 16.84 min Scan# 2389  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 178     | 100   |       |       |
| 176     | 18.4  | 15.2  | 22.8  |
| 179     | 15.1  | 12.1  | 18.1  |

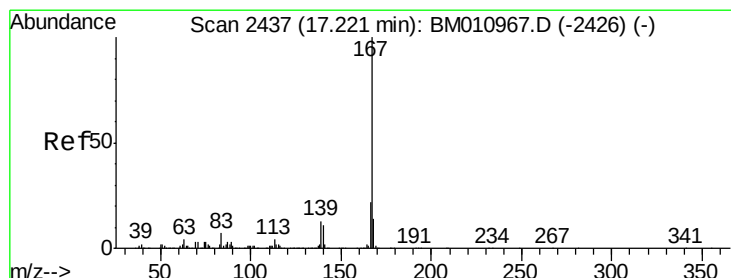
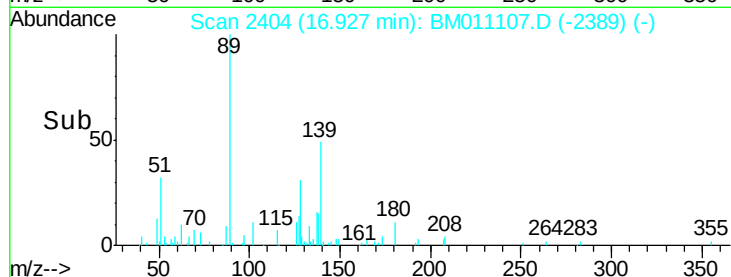
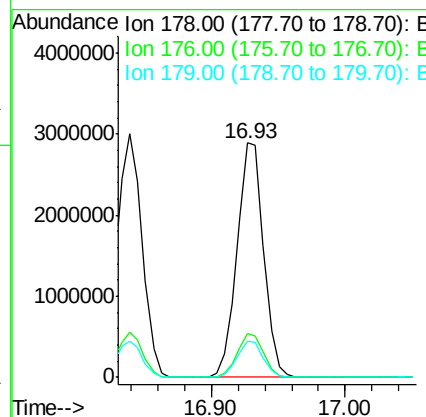
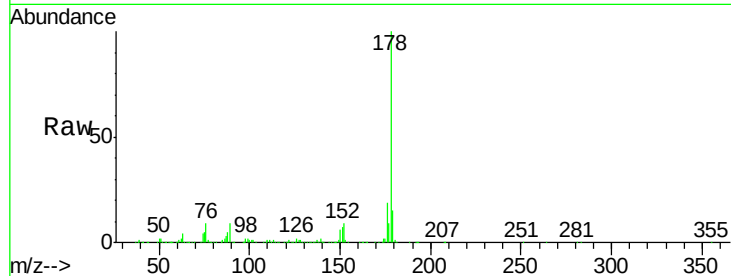




#71  
 Anthracene  
 Concen: 41.80 ng  
 RT: 16.93 min Scan# 2404  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

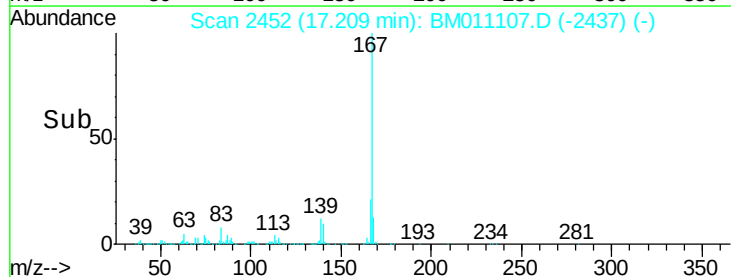
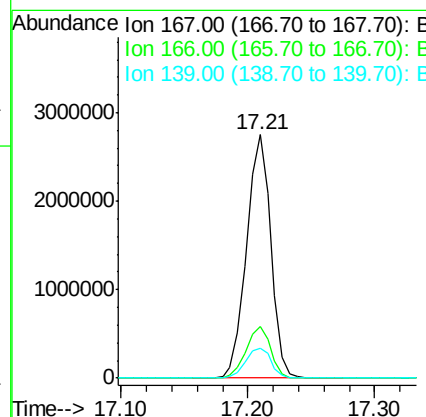
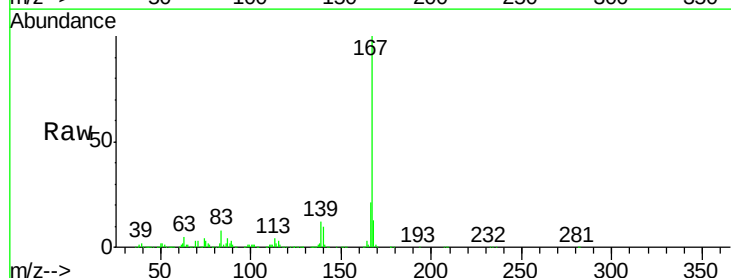
Instrument :  
 BNA\_M  
 ClientSampleId :

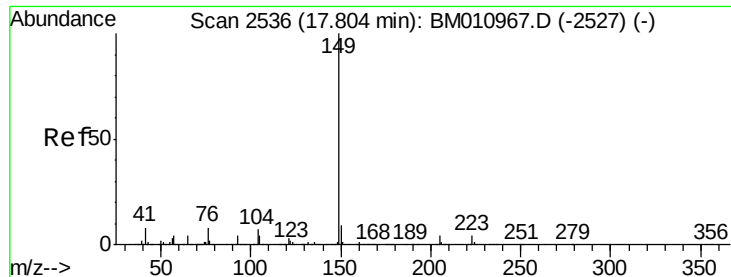
Tot Ion:178 Resp: 4019250  
 Ion Ratio Lower Upper  
 178 100  
 176 18.5 14.6 22.0  
 179 15.5 12.6 19.0



#72  
 Carbazole  
 Concen: 43.38 ng  
 RT: 17.21 min Scan# 2452  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion:167 Resp: 3648462  
 Ion Ratio Lower Upper  
 167 100  
 166 21.1 17.2 25.8  
 139 12.4 10.8 16.2

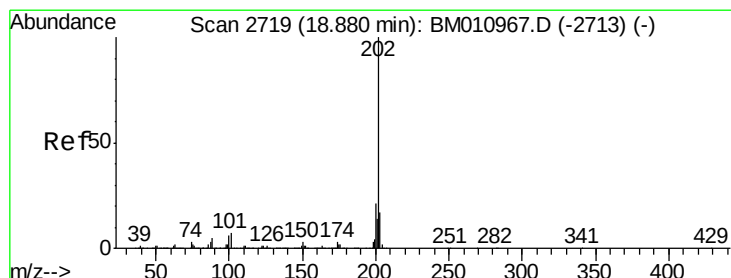
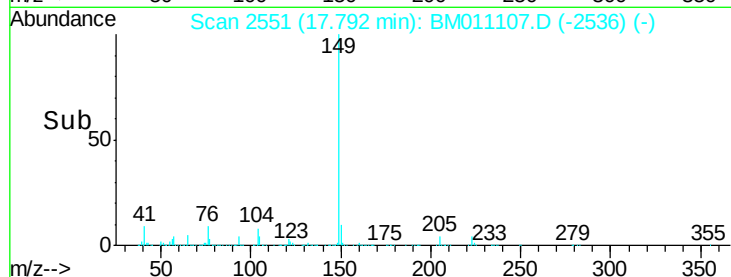
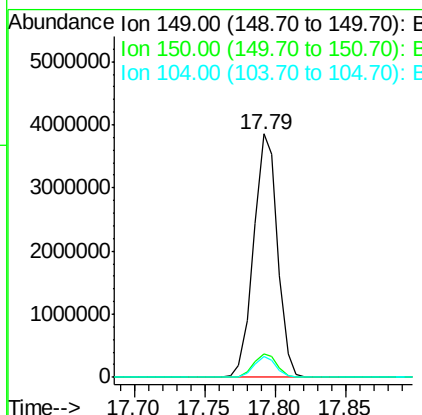
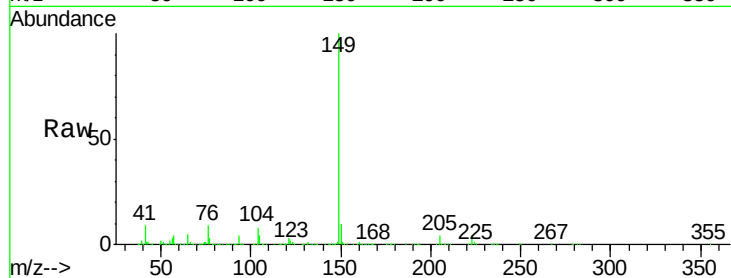




#73  
Di-n-butylphthalate  
Concen: 44.72 ng  
RT: 17.79 min Scan# 2551  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

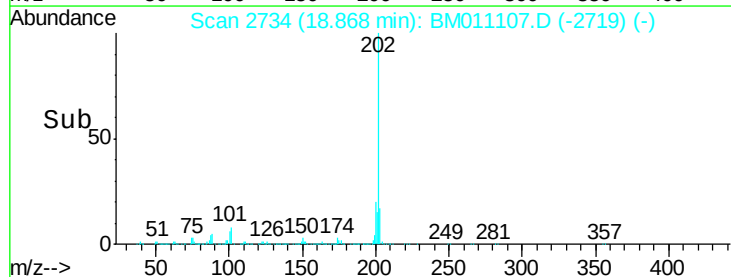
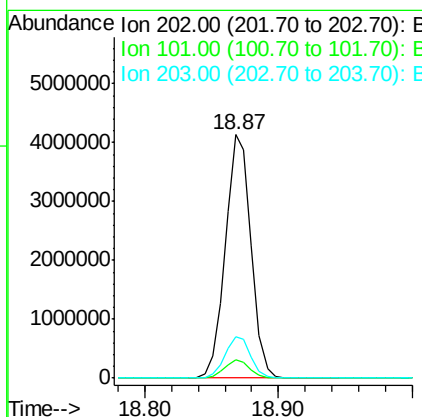
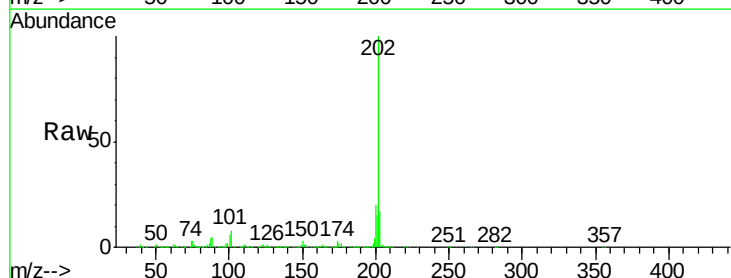
Instrument :  
BNA\_M  
ClientSampled :

Tot Ion:149 Resp: 4579524  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 8.4 3.7 5.5#

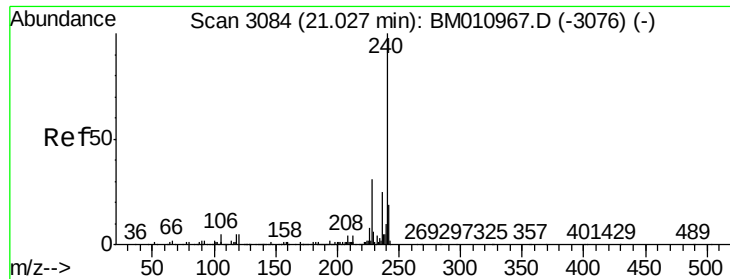


#74  
Fluoranthene  
Concen: 46.46 ng  
RT: 18.87 min Scan# 2734  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:202 Resp: 5551161  
Ion Ratio Lower Upper  
202 100  
101 7.7 0.0 28.7  
203 17.2 0.0 37.2







#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.02 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

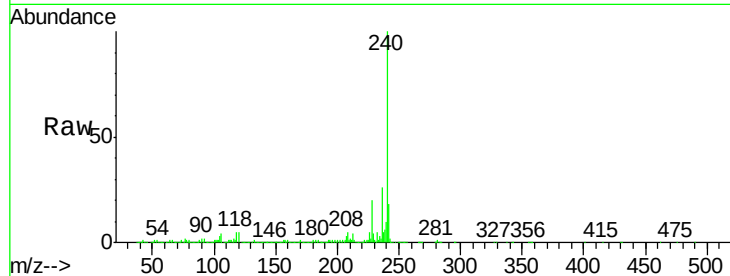
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:240 Resp: 2467508

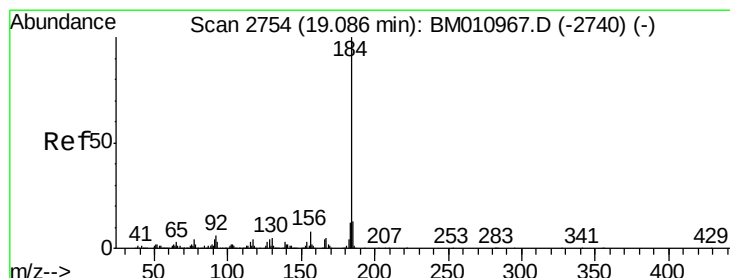
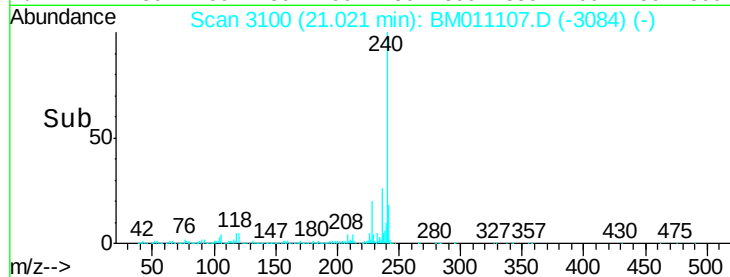
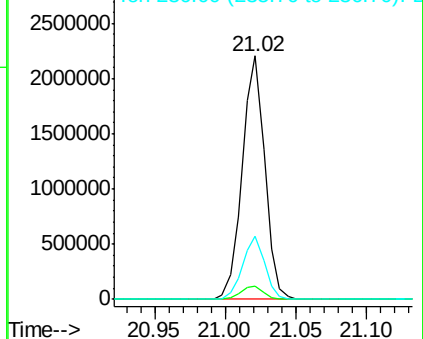
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 5.3   | 8.2   | 12.2# |
| 236 | 25.7  | 20.0  | 30.0  |



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: 38.50 ng

RT: 19.07 min Scan# 2769

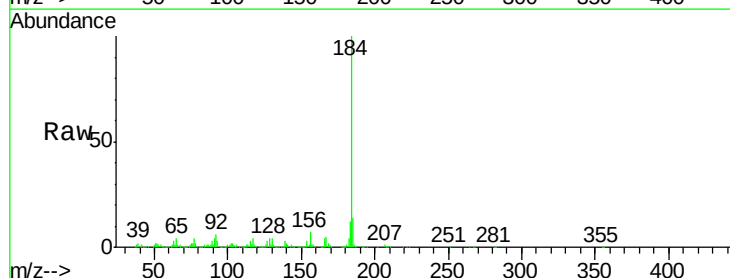
Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Tgt Ion:184 Resp: 2272826

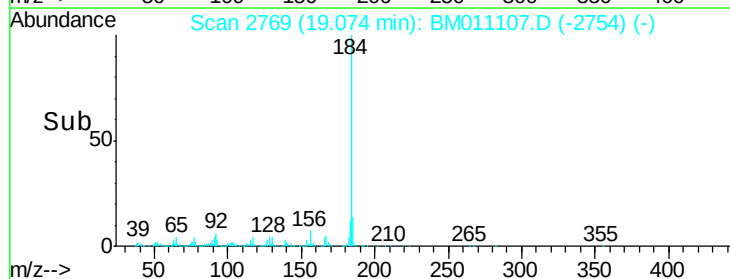
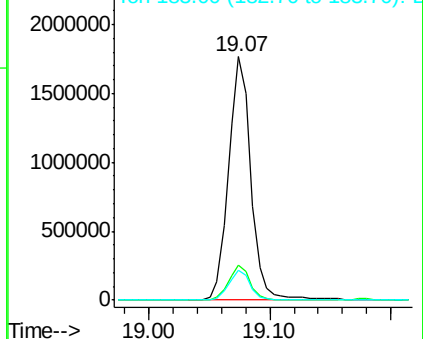
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.3  | 11.3  | 16.9  |
| 183 | 12.2  | 8.9   | 13.3  |

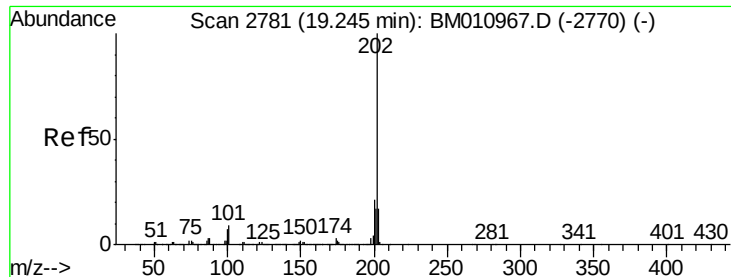


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 38.72 ng

RT: 19.24 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampled :

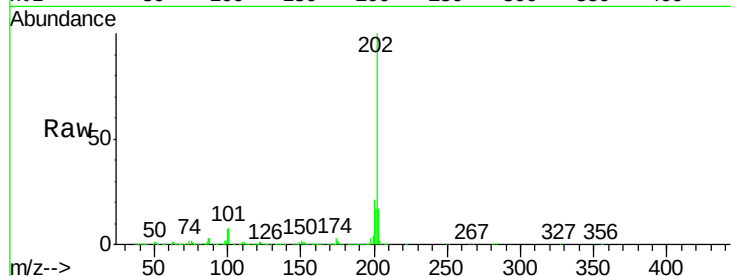
Tot Ion:202 Resp: 5676639

Ion Ratio Lower Upper

202 100

200 21.3 16.9 25.3

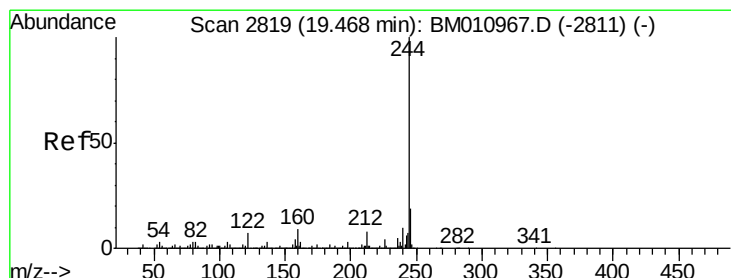
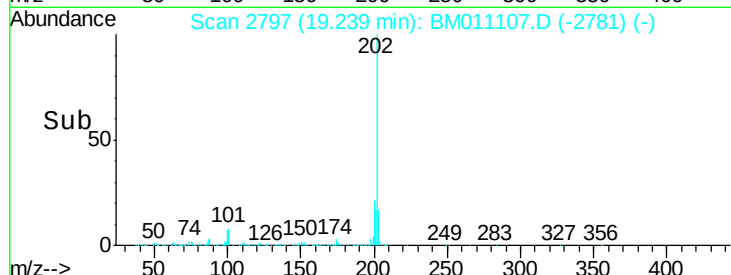
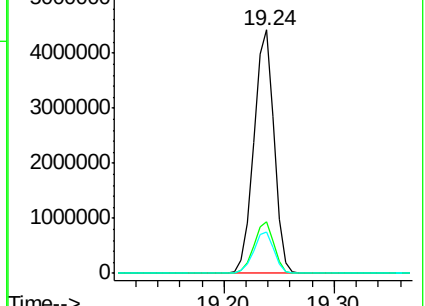
203 16.8 14.1 21.1



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: 80.20 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

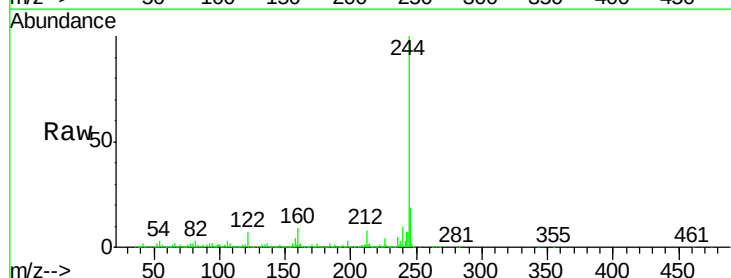
Tgt Ion:244 Resp: 9990016

Ion Ratio Lower Upper

244 100

212 7.9 4.9 7.3#

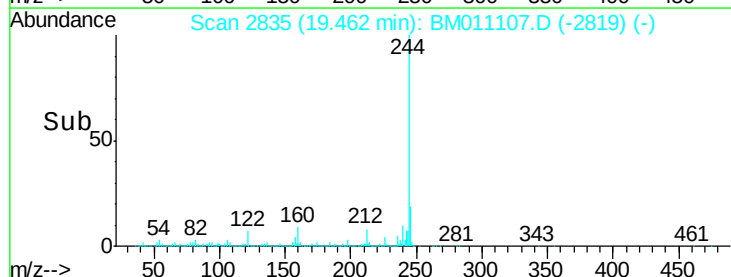
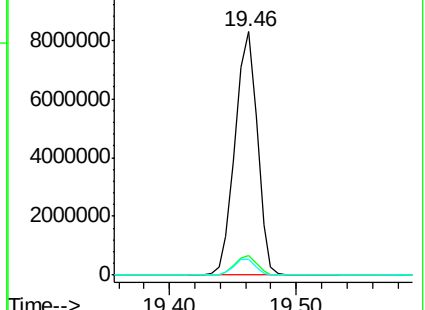
122 6.7 6.2 9.4

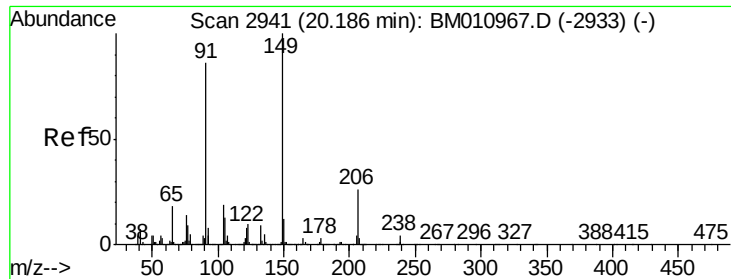


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

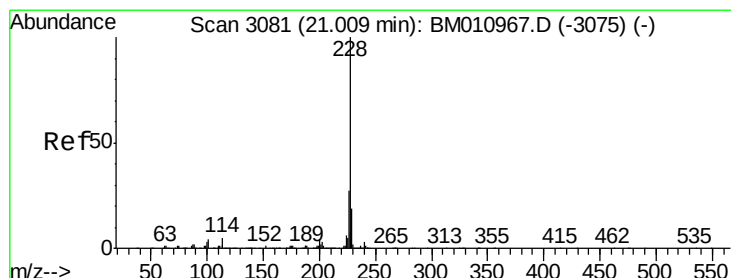
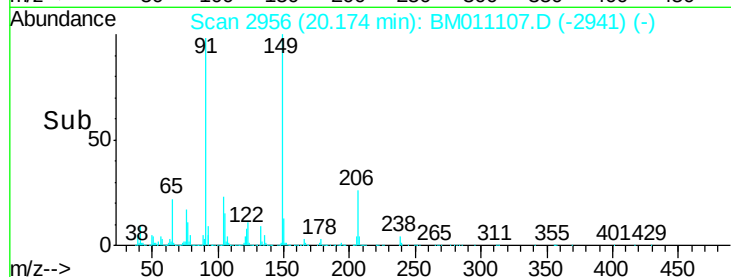
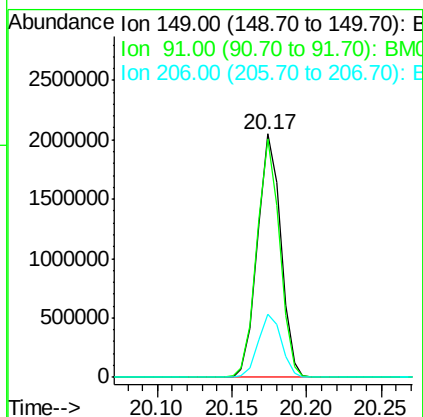
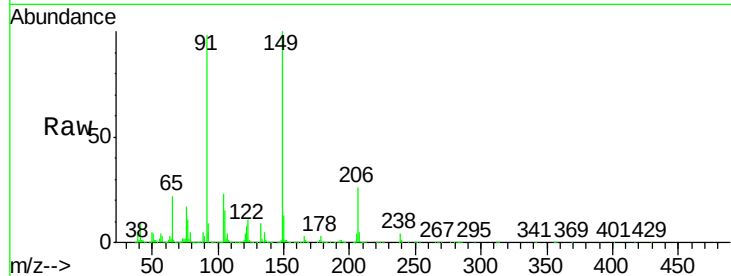




#79  
Butylbenzylphthalate  
Concen: 42.02 ng  
RT: 20.17 min Scan# 2956  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

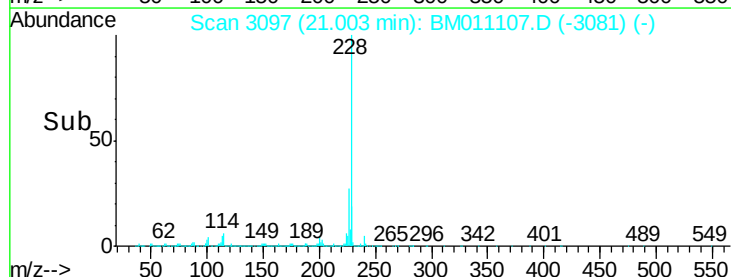
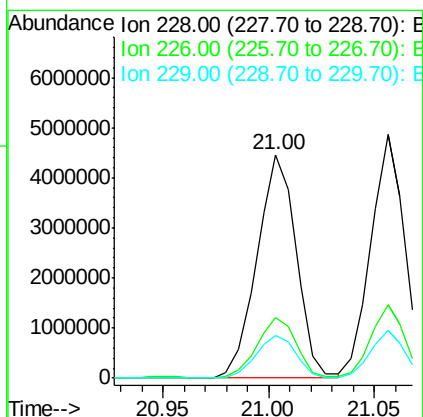
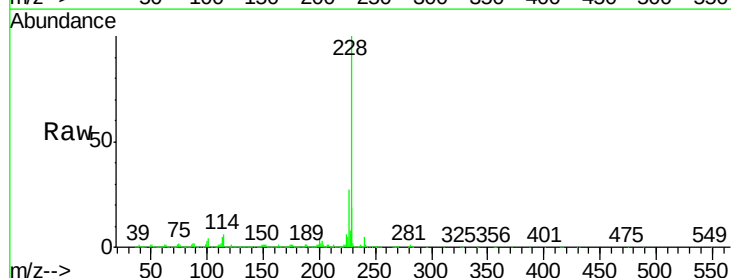
Instrument :  
BNA\_M  
ClientSampled :

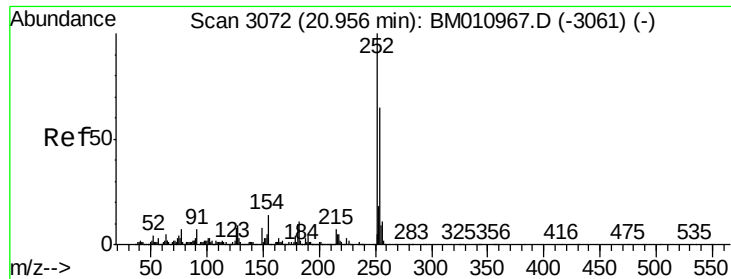
Tot Ion:149 Resp: 2190686  
Ion Ratio Lower Upper  
149 100  
91 98.0 50.1 75.1#  
206 26.1 16.2 24.2#



#80  
Benzo(a)anthracene  
Concen: 40.91 ng  
RT: 21.00 min Scan# 3097  
Delta R.T. -0.01 min  
Lab File: BM011107.D  
Acq: 03 Aug 2017 02:59

Tgt Ion:228 Resp: 5763552  
Ion Ratio Lower Upper  
228 100  
226 27.1 21.7 32.5  
229 19.2 16.0 24.0

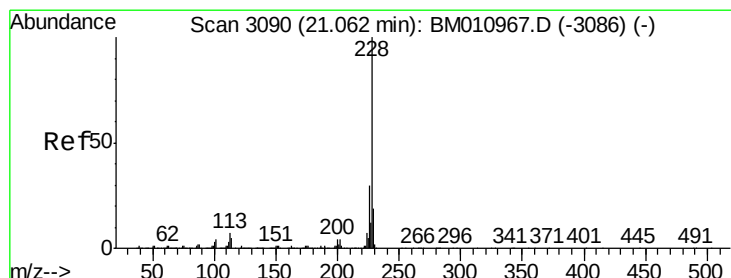
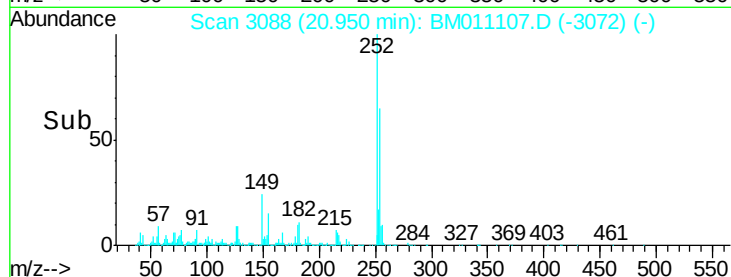
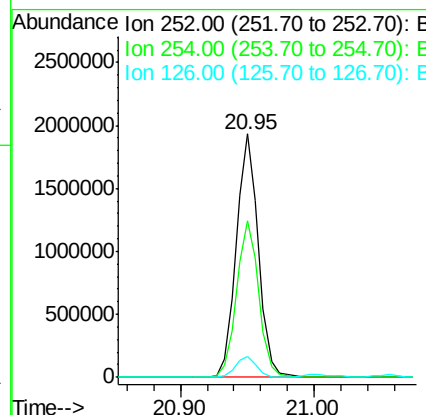
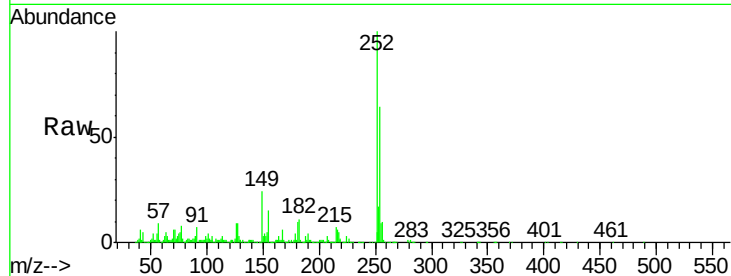




#81  
 3,3'-Dichlorobenzidine  
 Concen: 40.46 ng  
 RT: 20.95 min Scan# 3088  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

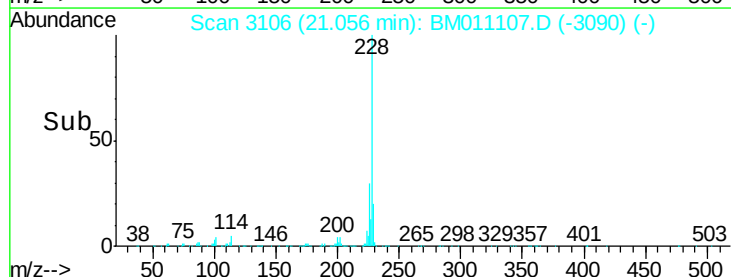
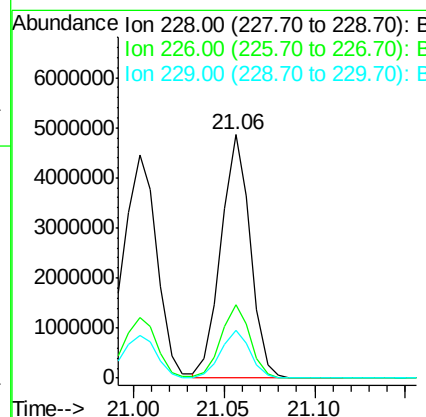
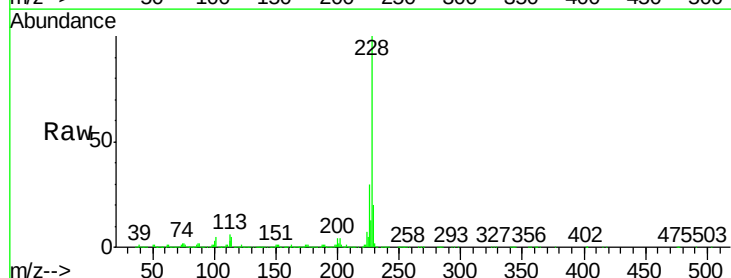
Instrument :  
 BNA\_M  
 ClientSampled :

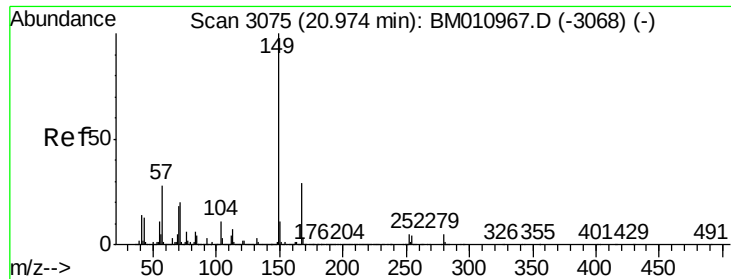
Tot Ion:252 Resp: 2236531  
 Ion Ratio Lower Upper  
 252 100  
 254 64.5 51.9 77.9  
 126 8.5 9.8 14.8#



#82  
 Chrysene  
 Concen: 40.24 ng  
 RT: 21.06 min Scan# 3106  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion:228 Resp: 5442629  
 Ion Ratio Lower Upper  
 228 100  
 226 30.0 24.1 36.1  
 229 19.6 15.5 23.3

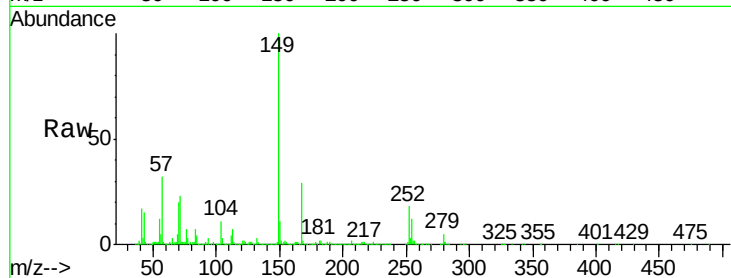




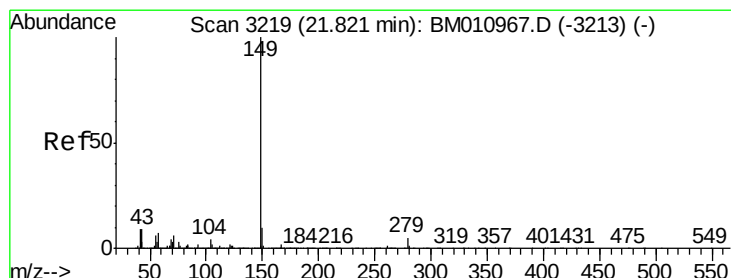
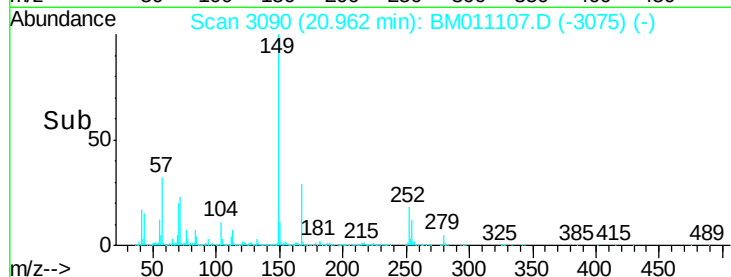
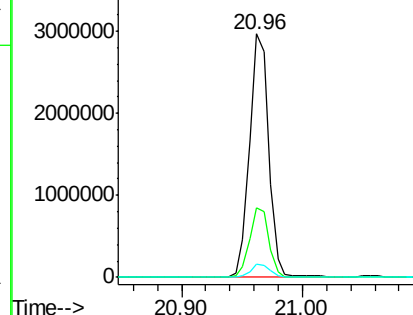
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 43.36 ng  
 RT: 20.96 min Scan# 3090  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Instrument :  
 BNA\_M  
 ClientSampleId :

Tot Ion:149 Resp: 3325952  
 Ion Ratio Lower Upper  
 149 100  
 167 28.6 22.4 33.6  
 279 5.3 3.4 5.0#

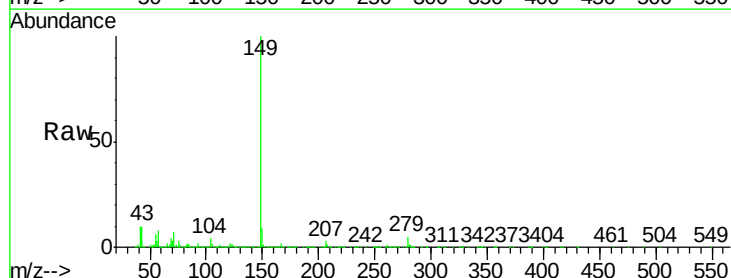


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

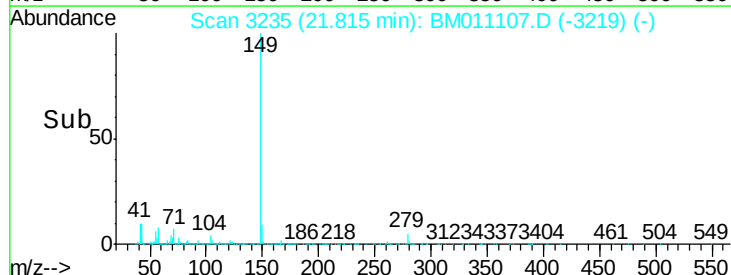
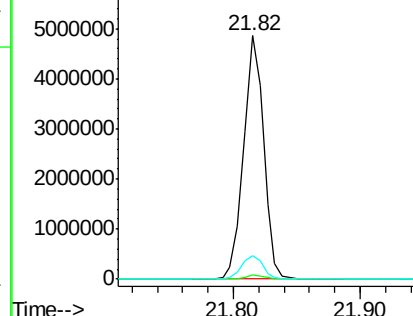


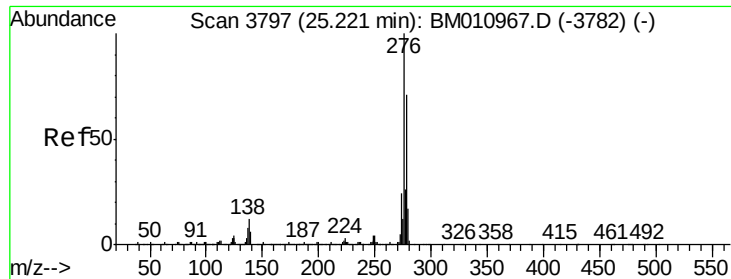
#84  
 Di-n-octyl phthalate  
 Concen: 42.33 ng  
 RT: 21.82 min Scan# 3235  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion:149 Resp: 5268906  
 Ion Ratio Lower Upper  
 149 100  
 167 1.7 1.2 1.8  
 43 10.2 7.3 10.9



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 43.00 (42.70 to 43.70): BM0

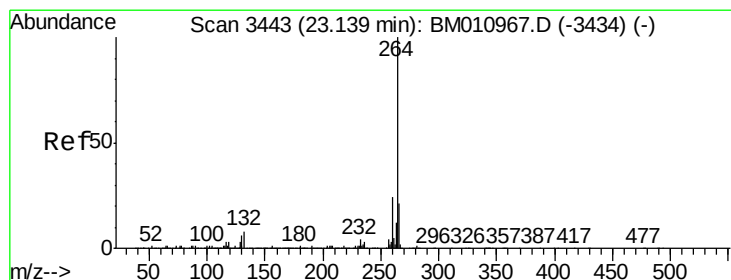
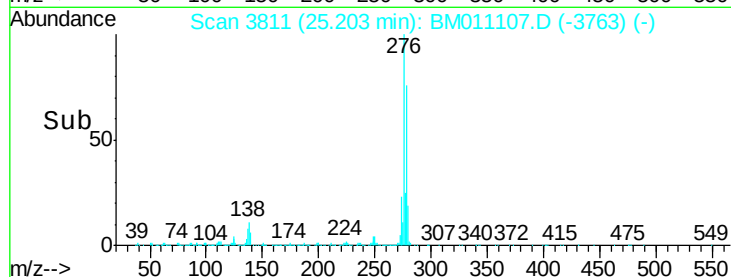
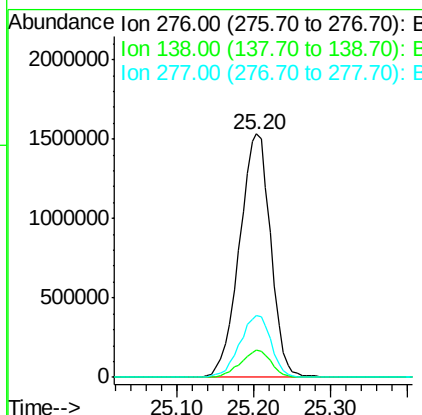
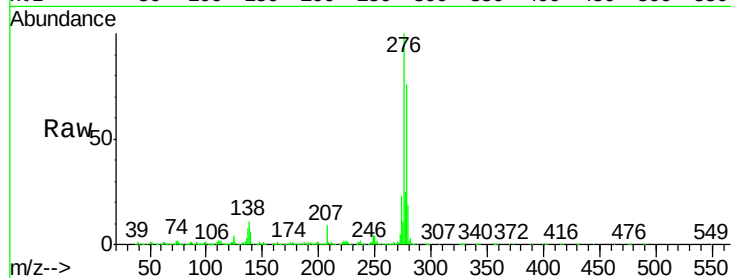




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 31.02 ng  
 RT: 25.20 min Scan# 3811  
 Delta R.T. -0.02 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

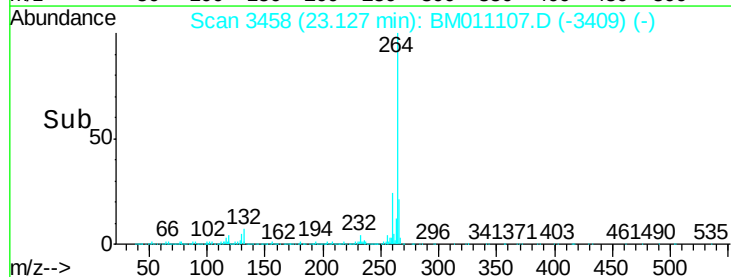
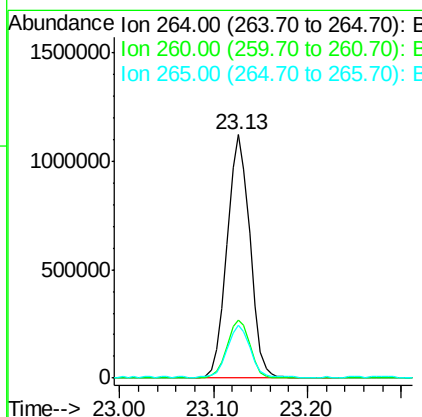
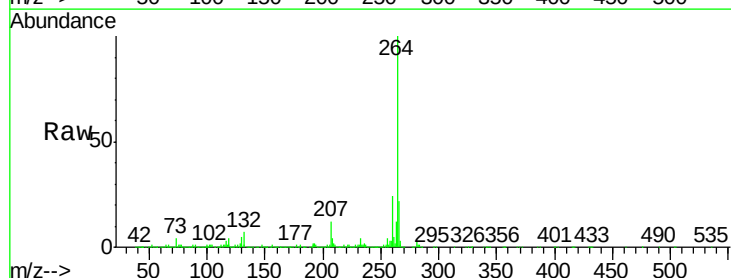
Instrument :  
 BNA\_M  
 ClientSampleId :

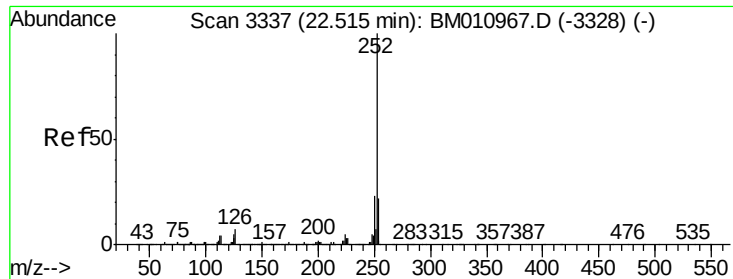
Tot Ion:276 Resp: 4344705  
 Ion Ratio Lower Upper  
 276 100  
 138 11.1 12.0 18.0#  
 277 25.4 20.0 30.0



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.13 min Scan# 3458  
 Delta R.T. -0.01 min  
 Lab File: BM011107.D  
 Acq: 03 Aug 2017 02:59

Tgt Ion:264 Resp: 1910178  
 Ion Ratio Lower Upper  
 264 100  
 260 24.0 18.6 27.8  
 265 21.8 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 41.98 ng

RT: 22.51 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

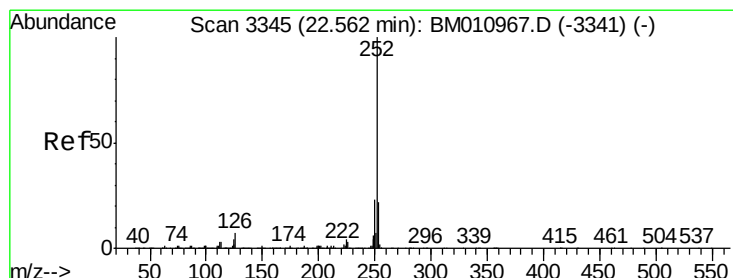
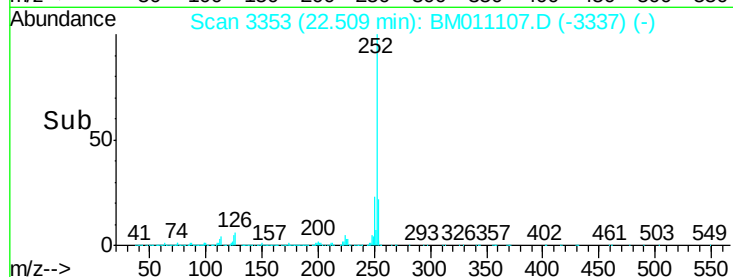
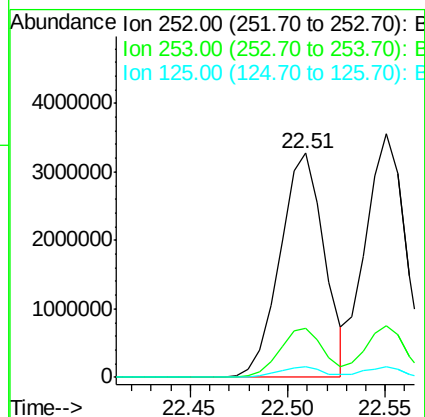
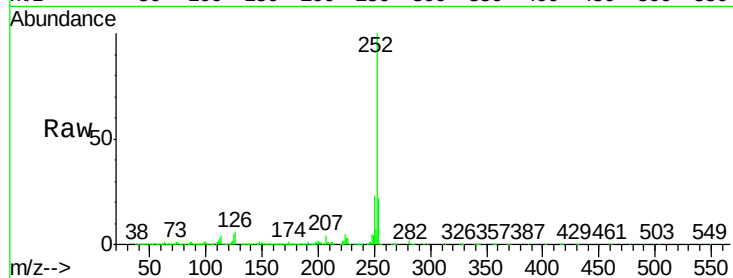
Tot Ion:252 Resp: 5146113

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

125 4.7 9.9 14.9#



#88

Benzo(k)fluoranthene

Concen: 42.91 ng

RT: 22.55 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

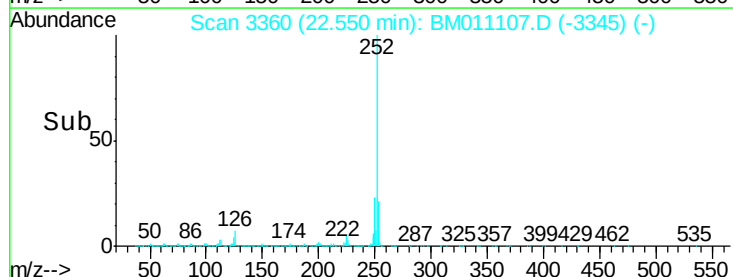
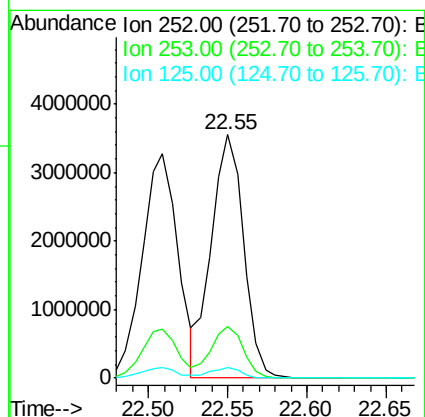
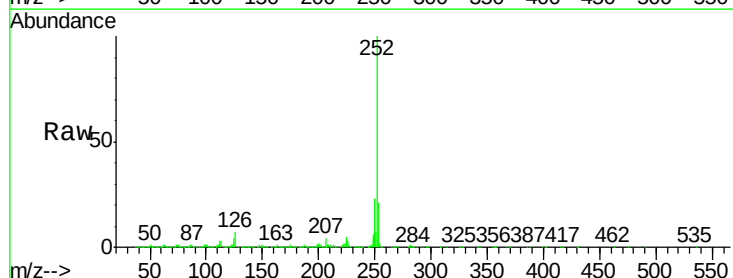
Tgt Ion:252 Resp: 5042191

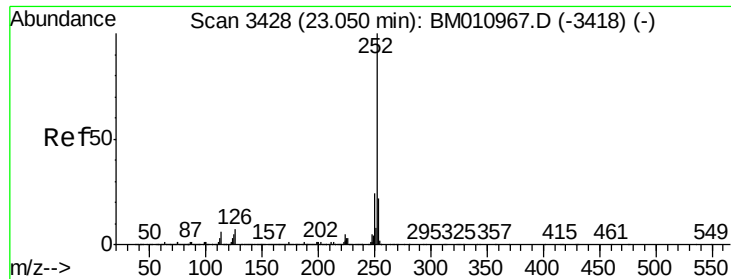
Ion Ratio Lower Upper

252 100

253 21.1 17.2 25.8

125 4.4 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 41.37 ng

RT: 23.04 min Scan# 3443

Delta R.T. -0.01 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

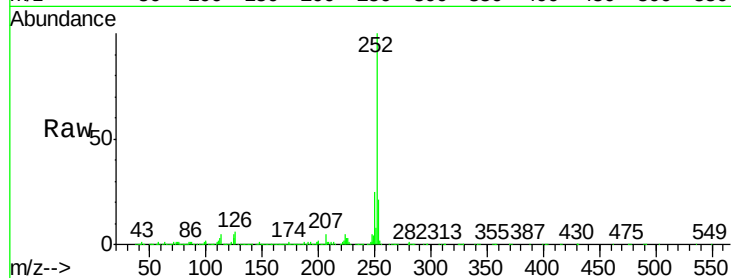
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:252 Resp: 4589619

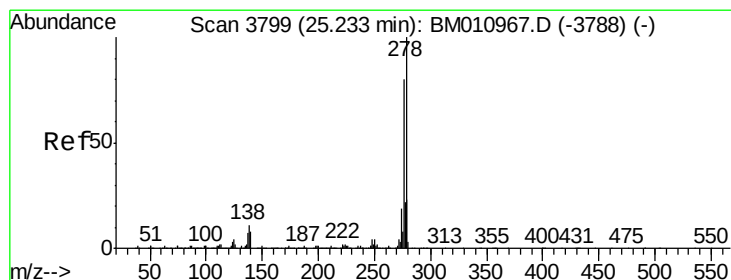
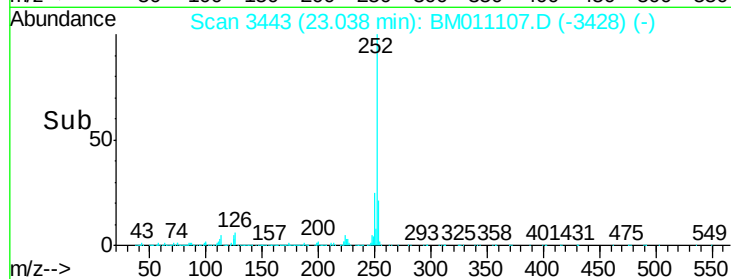
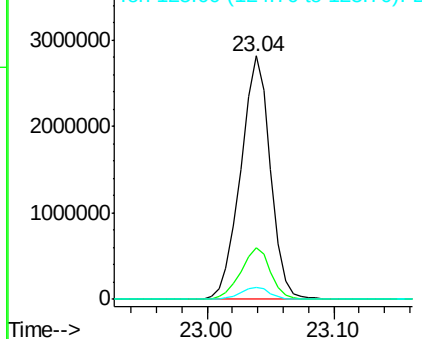
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 21.1  | 17.6  | 26.4  |
| 125 | 5.1   | 7.4   | 11.2# |



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: 34.70 ng

RT: 25.21 min Scan# 3813

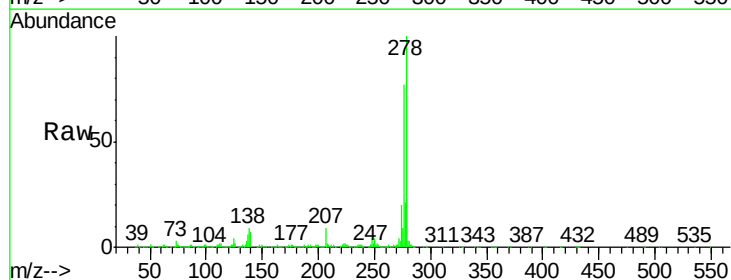
Delta R.T. -0.02 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Tgt Ion:278 Resp: 3568489

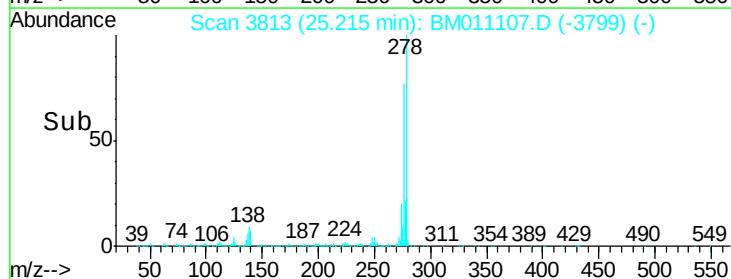
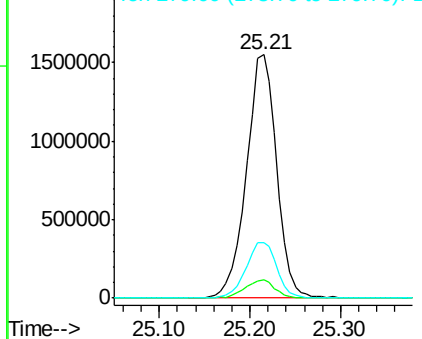
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 278 | 100   |       |       |
| 139 | 7.5   | 13.4  | 20.0# |
| 279 | 22.6  | 19.0  | 28.4  |



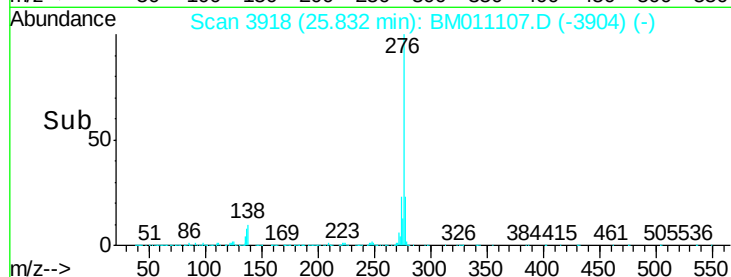
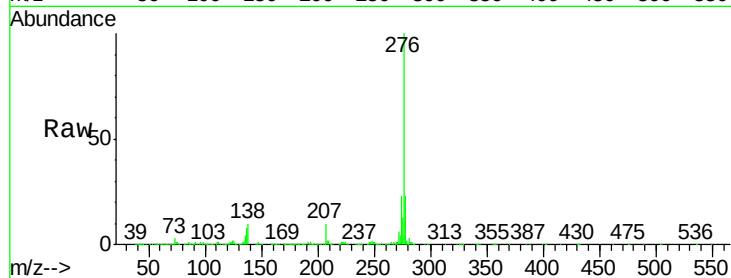
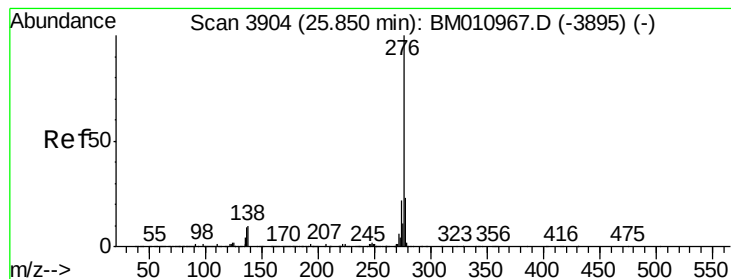
Abundance Ion 278.00 (277.70 to 278.70): E

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: 34.07 ng

RT: 25.83 min Scan# 3918

Delta R.T. -0.02 min

Lab File: BM011107.D

Acq: 03 Aug 2017 02:59

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:276 Resp: 3440298

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 277 | 22.6  | 18.5  | 27.7  |
| 138 | 10.0  | 19.0  | 28.6  |

