

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\  
 Data File : BM011387.D  
 Acq On : 01 Sep 2017 00:21  
 Operator : SJ/JU  
 Sample : I4963-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 01 05:11:03 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.99  | 152  | 500488   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.80 | 136  | 2174318  | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.62 | 164  | 1230697  | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.36 | 188  | 2740431  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.52 | 240  | 3104488  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 23.90 | 264  | 2839429  | 20.00 | ng    | -0.01    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-----------------------------|-------|------|----------|--------|-------|----------|
| 5) 2-Fluorophenol           | 5.55  | 112  | 1811600  | 60.93  | ng    | 0.00     |
| 7) Phenol-d6                | 7.13  | 99   | 1443084  | 35.00  | ng    | 0.00     |
| 23) Nitrobenzene-d5         | 9.15  | 82   | 3284110  | 99.53  | ng    | 0.00     |
| 41) 2,4,6-Tribromophenol    | 16.10 | 330  | 1997558  | 140.29 | ng    | 0.00     |
| 44) 2-Fluorobiphenyl        | 13.25 | 172  | 8178692  | 95.79  | ng    | 0.00     |
| 78) Terphenyl-d14           | 19.97 | 244  | 10992302 | 87.85  | ng    | 0.00     |

| Target Compounds               | R.T.  | QIon | Response | Conc  | Units | Qvalue |
|--------------------------------|-------|------|----------|-------|-------|--------|
| 2) 1,4-Dioxane                 | 3.42  | 88   | 898      | 0.072 | ng    | # 100  |
| 3) Pyridine                    | 3.83  | 79   | 492      | 0.013 | ng    | # 1    |
| 4) n-Nitrosodimethylamine      | 3.72  | 42   | 2493     | 0.129 | ng    | # 1    |
| 6) Aniline                     | 7.32  | 93   | 3132     | 0.056 | ng    | # 66   |
| 8) 2-Chlorophenol              | 7.55  | 128  | 1408     | 0.040 | ng    | # 1    |
| 9) Benzaldehyde                | 7.13  | 77   | 2777     | 0.116 | ng    | # 11   |
| 10) Phenol                     | 7.17  | 94   | 1665     | 0.037 | ng    | # 69   |
| 11) bis(2-Chloroethyl)ether    | 7.35  | 93   | 415      | 0.011 | ng    | # 23   |
| 14) 1,2-Dichlorobenzene        | 8.34  | 146  | 1455     | 0.037 | ng    | # 1    |
| 15) Benzyl Alcohol             | 8.22  | 79   | 1927     | 0.065 | ng    | # 32   |
| 16) 2,2'-oxybis(1-Chloropropan | 8.52  | 45   | 446      | 0.007 | ng    | # 1    |
| 17) 2-Methylphenol             | 8.43  | 107  | 113      | 0.004 | ng    | # 14   |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70   | 118      | 0.004 | ng    | # 1    |
| 20) 3+4-Methylphenols          | 8.75  | 107  | 315      | 0.008 | ng    | # 1    |
| 22) Acetophenone               | 8.81  | 105  | 1806     | 0.033 | ng    | # 29   |
| 24) Nitrobenzene               | 9.16  | 77   | 9068     | 0.249 | ng    | # 37   |
| 25) Isophorone                 | 9.73  | 82   | 433      | 0.006 | ng    | # 40   |
| 27) 2,4-Dimethylphenol         | 9.98  | 122  | 973      | 0.028 | ng    | # 6    |
| 28) bis(2-Chloroethoxy)methane | 10.20 | 93   | 620      | 0.012 | ng    | # 1    |
| 31) Naphthalene                | 10.85 | 128  | 923      | 0.008 | ng    | # 69   |
| 32) Benzoic acid               | 10.16 | 122  | 110      | 6.544 | ng    | # 1    |
| 33) 4-Chloroaniline            | 10.95 | 127  | 110      | 0.002 | ng    | # 1    |
| 35) Caprolactam                | 11.74 | 113  | 119      | 0.010 | ng    | # 1    |
| 36) 4-Chloro-3-methylphenol    | 12.05 | 107  | 774      | 0.020 | ng    | # 14   |
| 37) 2-Methylnaphthalene        | 12.46 | 142  | 157      | 0.002 | ng    | # 15   |
| 45) 1,1'-Biphenyl              | 13.46 | 154  | 11091    | 0.102 | ng    | # 92   |
| 47) 2-Nitroaniline             | 13.68 | 65   | 560      | 5.457 | ng    | # 1    |
| 48) Acenaphthylene             | 14.35 | 152  | 809      | 0.006 | ng    | # 61   |
| 49) Dimethylphthalate          | 14.07 | 163  | 430      | 0.004 | ng    | # 77   |
| 50) 2,6-Dinitrotoluene         | 14.14 | 165  | 1400     | 0.076 | ng    | # 48   |
| 51) Acenaphthene               | 14.62 | 154  | 4541     | 0.055 | ng    | # 12   |
| 54) Dibenzofuran               | 15.02 | 168  | 445      | 0.004 | ng    | # 48   |
| 55) 4-Nitrophenol              | 14.83 | 139  | 132      | 0.007 | ng    | # 93   |
| 56) 2,4-Dinitrotoluene         | 14.95 | 165  | 247      | 5.148 | ng    | # 75   |

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 Data File : BM011387.D  
 Acq On : 01 Sep 2017 00:21  
 Operator : SJ/JU  
 Sample : I4963-07  
 Misc :  
 ALS Vial : 13 Sample Multiplier: 1

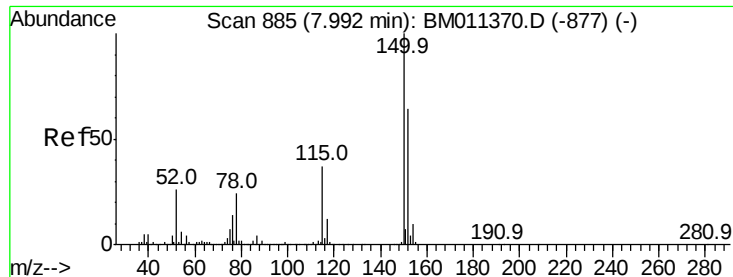
Instrument :  
 BNA\_M  
 ClientSampleId :

Quant Time: Sep 01 05:11:03 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| -----                          |       |      |          |       |       |          |
| 57) Fluorene                   | 15.67 | 166  | 680      | 0.007 | nq    | # 75     |
| 59) Diethylphthalate           | 15.43 | 149  | 8062     | 0.080 | nq    | 94       |
| 61) 4-Nitroaniline             | 15.68 | 138  | 693      | 0.028 | nq    | # 41     |
| 62) Azobenzene                 | 15.95 | 77   | 1696     | 0.019 | nq    | # 71     |
| 69) Pentachlorophenol          | 16.99 | 266  | 274      | 0.015 | nq    | # 19     |
| 70) Phenanthrene               | 17.40 | 178  | 2685     | 0.018 | nq    | # 77     |
| 71) Anthracene                 | 17.49 | 178  | 2012     | 0.013 | nq    | # 46     |
| 72) Carbazole                  | 17.76 | 167  | 1125     | 0.008 | nq    | # 61     |
| 73) Di-n-butylphthalate        | 18.32 | 149  | 23667    | 0.138 | nq    | # 95     |
| 74) Fluoranthene               | 19.40 | 202  | 2360     | 0.014 | nq    | # 14     |
| 76) Benzidine                  | 19.62 | 184  | 166      | 0.003 | nq    | # 68     |
| 77) Pyrene                     | 19.77 | 202  | 2676     | 0.014 | nq    | # 73     |
| 79) Butylbenzylphthalate       | 20.66 | 149  | 2018     | 0.024 | nq    | # 52     |
| 80) Benzo(a)anthracene         | 21.52 | 228  | 10043    | 0.058 | nq    | # 70     |
| 81) 3,3'-Dichlorobenzidine     | 21.42 | 252  | 419      | 0.006 | nq    | # 10     |
| 82) Chrysene                   | 21.52 | 228  | 10043    | 0.061 | nq    | # 67     |
| 83) Bis(2-ethylhexyl)phthalate | 21.43 | 149  | 27942    | 0.227 | nq    | # 98     |
| 84) Di-n-octyl phthalate       | 22.36 | 149  | 1316     | 0.006 | nq    | # 5      |
| 85) Indeno(1,2,3-cd)pyrene     | 26.34 | 276  | 281      | 0.002 | nq    | # 1      |
| 87) Benzo(b)fluoranthene       | 23.18 | 252  | 2535     | 0.015 | nq    | # 1      |
| 88) Benzo(k)fluoranthene       | 23.24 | 252  | 1153     | 0.007 | nq    | # 1      |
| 89) Benzo(a)pyrene             | 23.81 | 252  | 813      | 0.005 | nq    | # 1      |
| 90) Dibenzo(a,h)anthracene     | 26.36 | 278  | 116      | 0.001 | nq    | # 1      |
| 91) Benzo(g,h,i)perylene       | 27.11 | 276  | 239      | 0.002 | nq    | # 1      |
| -----                          |       |      |          |       |       |          |

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



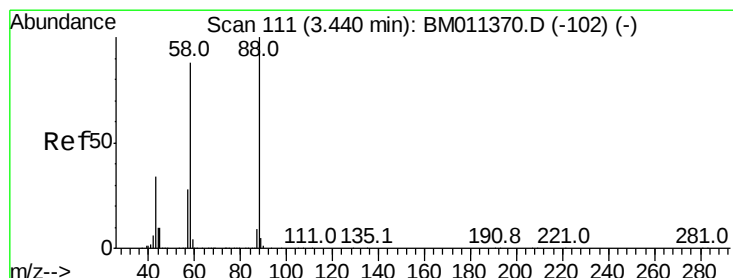
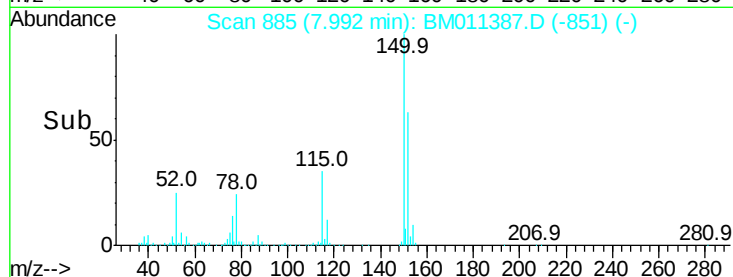
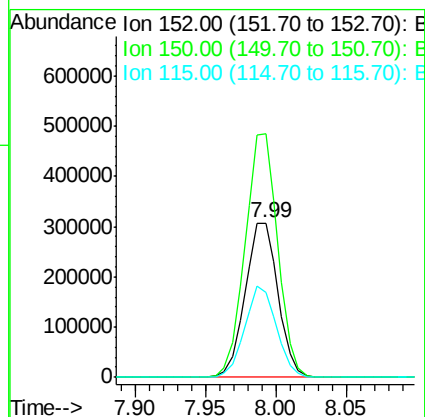
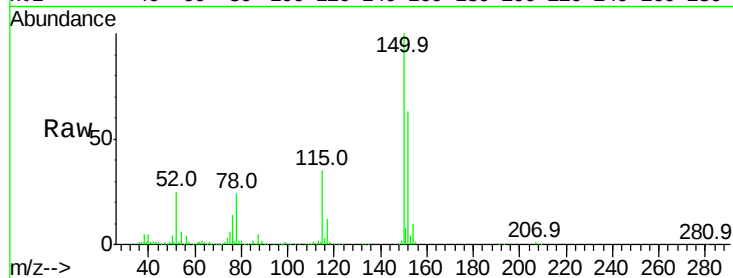


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.99 min Scan# 885  
Delta R.T. 0.00 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Instrument :  
BNA\_M  
ClientSampleId :

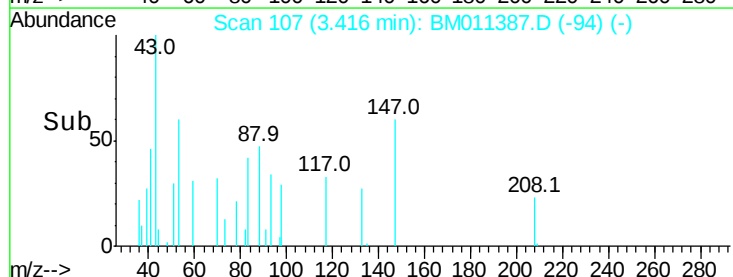
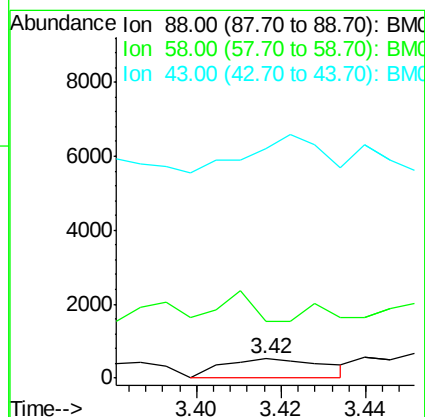
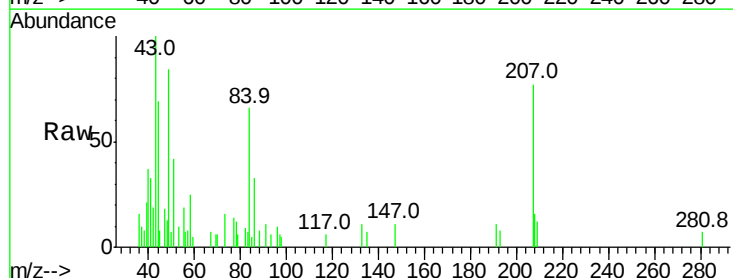
Tot Ion:152 Resp: 500488  
Ion Ratio Lower Upper  
152 100  
150 158.0 119.5 179.3  
115 55.2 43.0 64.4

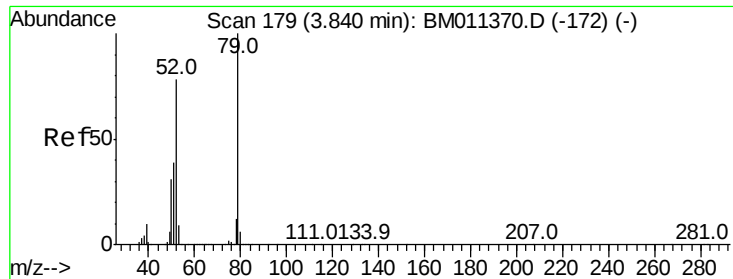


#2

1,4-Dioxane  
Concen: 0.072 ng  
RT: 3.42 min Scan# 107  
Delta R.T. -0.02 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion: 88 Resp: 898  
Ion Ratio Lower Upper  
88 100  
58 35.0 0.0 0.0#  
43 137.9 0.0 0.0#





#3

Pvridine

Concen: 0.013 ng

RT: 3.83 min Scan# 178

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

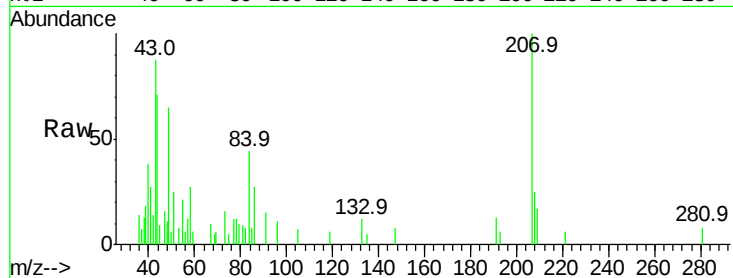
Tot Ion: 79 Resp: 492

Ion Ratio Lower Upper

79 100

52 0.0 51.1 76.7#

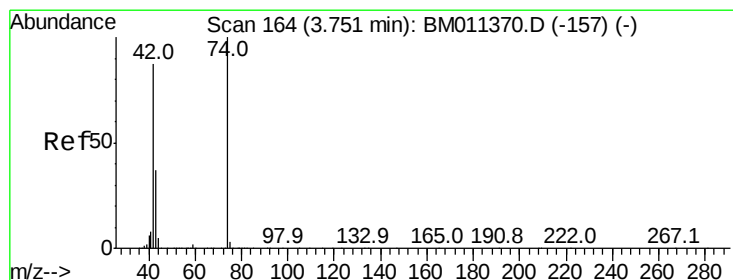
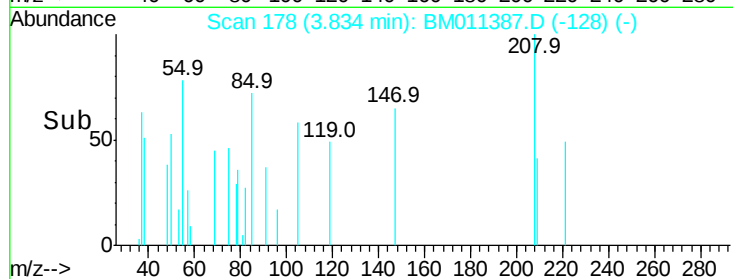
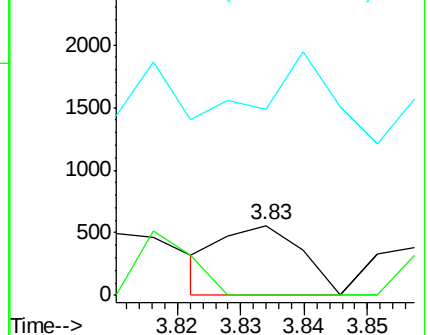
51 265.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM011387.D (-172) (-)

Ion 52.00 (51.70 to 52.70): BM011387.D (-172) (-)

Ion 51.00 (50.70 to 51.70): BM011387.D (-172) (-)



#4

n-Nitrosodimethylamine

Concen: 0.129 ng

RT: 3.72 min Scan# 159

Delta R.T. -0.03 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

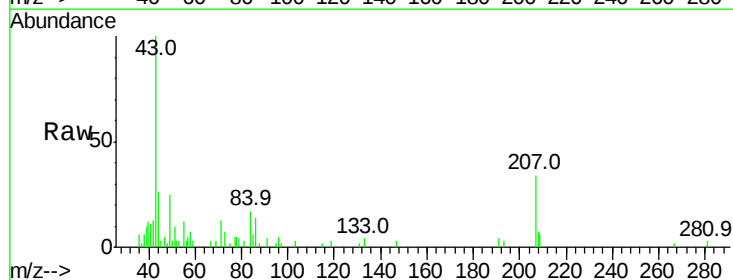
Tgt Ion: 42 Resp: 2493

Ion Ratio Lower Upper

42 100

74 0.0 119.3 178.9#

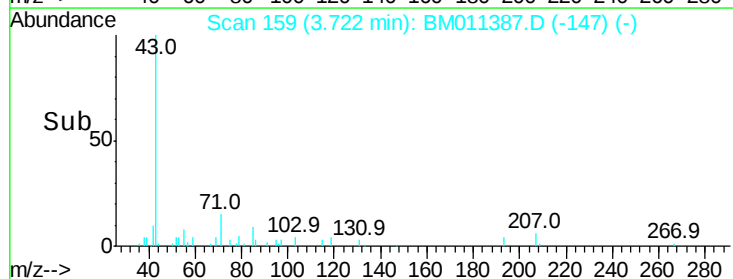
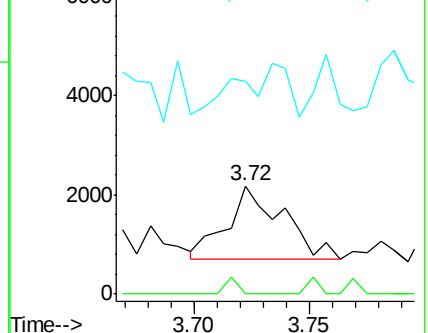
44 196.6 5.4 8.2#

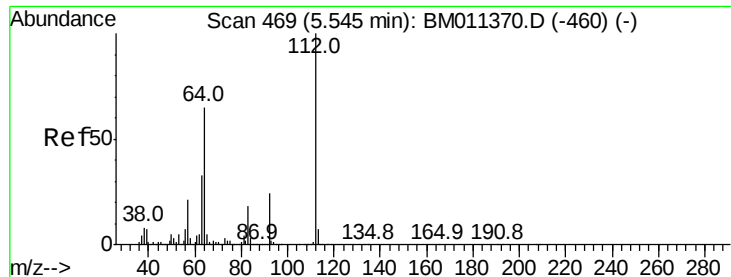


Abundance Ion 42.00 (41.70 to 42.70): BM011387.D (-147) (-)

Ion 74.00 (73.70 to 74.70): BM011387.D (-147) (-)

Ion 44.00 (43.70 to 44.70): BM011387.D (-147) (-)





#5

2-Fluorophenol

Concen: 60.929 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

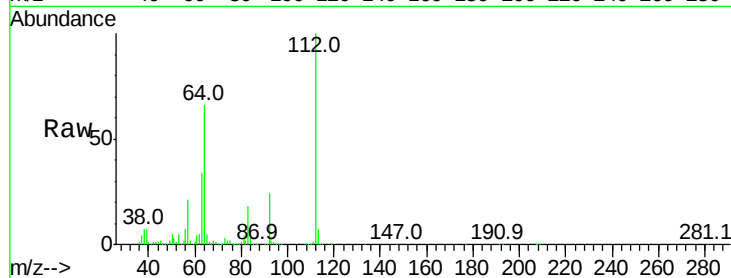
Tot Ion:112 Resp: 1811600

Ion Ratio Lower Upper

112 100

64 65.7 38.6 57.8#

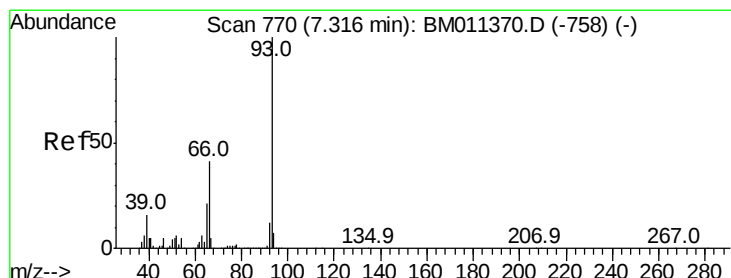
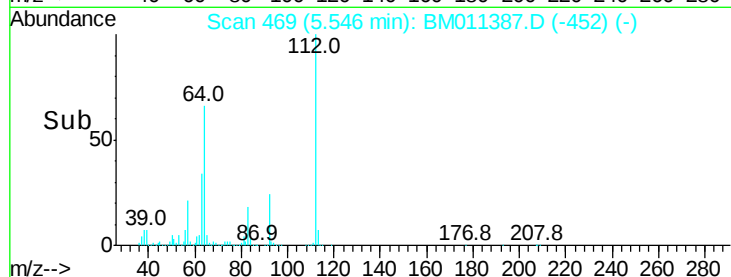
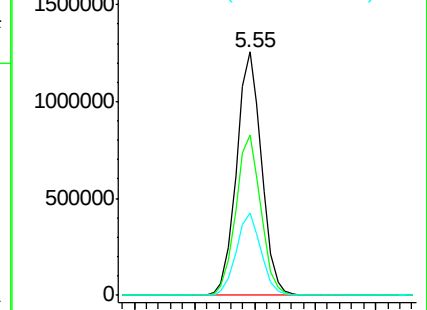
63 33.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 0.056 ng

RT: 7.32 min Scan# 770

Delta R.T. 0.00 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

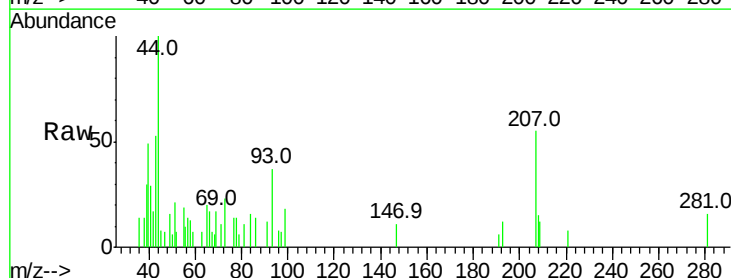
Tgt Ion: 93 Resp: 3132

Ion Ratio Lower Upper

93 100

66 45.9 30.8 46.2

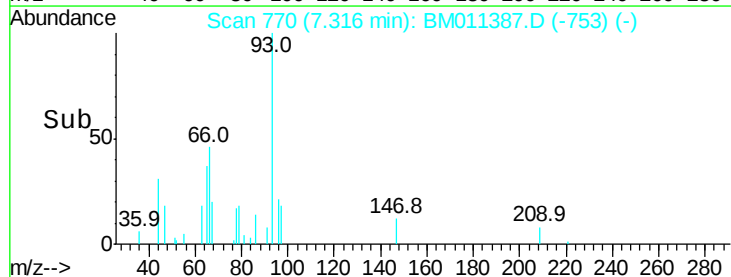
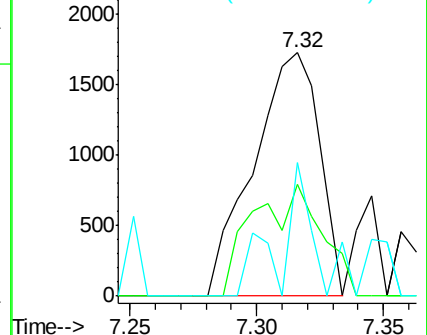
65 54.6 16.0 24.0#

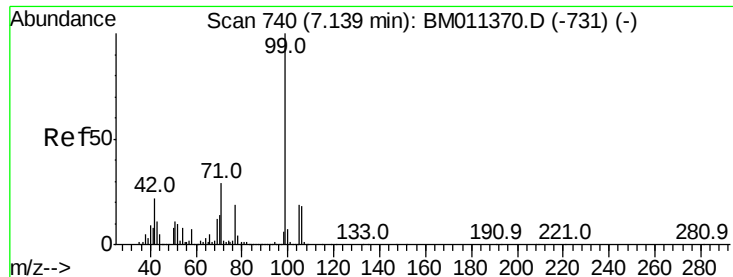


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 35.002 ng

RT: 7.13 min Scan# 739

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

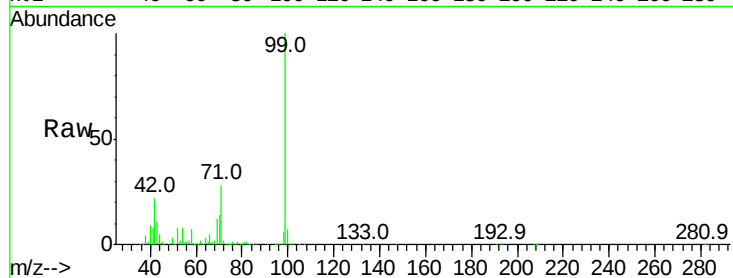
Instrument :

BNA\_M

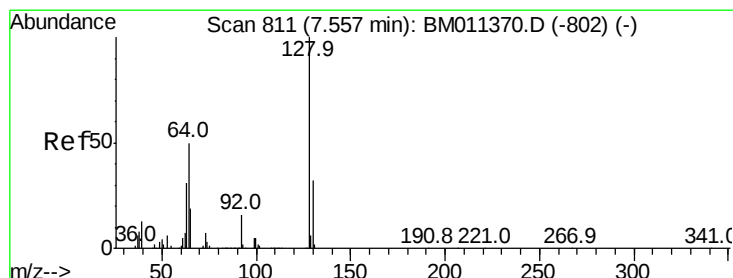
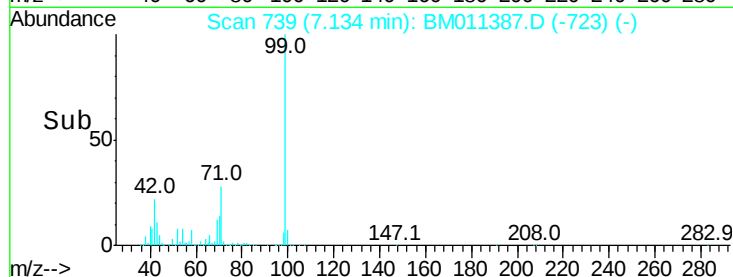
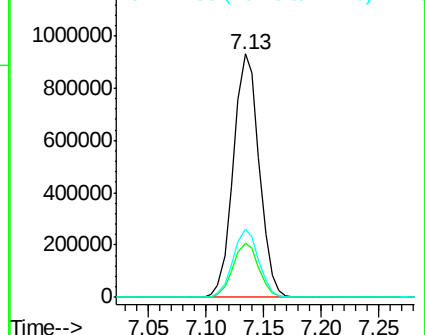
ClientSampleId :

Tot Ion: 99 Resp: 1443084

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 22.4  | 11.0  | 16.4# |
| 71  | 28.0  | 23.4  | 35.2  |



Abundance Ion 99.00 (98.70 to 99.70): BM011387.D (-739) (-)



#8

2-Chlorophenol

Concen: 0.040 ng

RT: 7.55 min Scan# 809

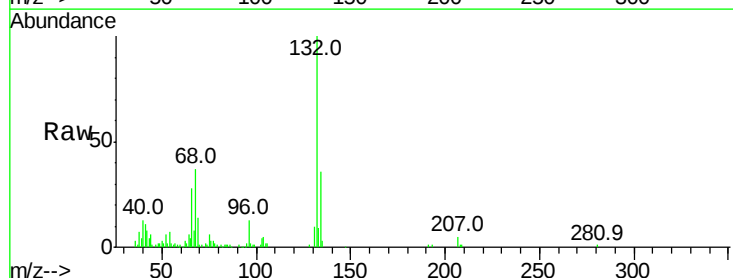
Delta R.T. -0.01 min

Lab File: BM011387.D

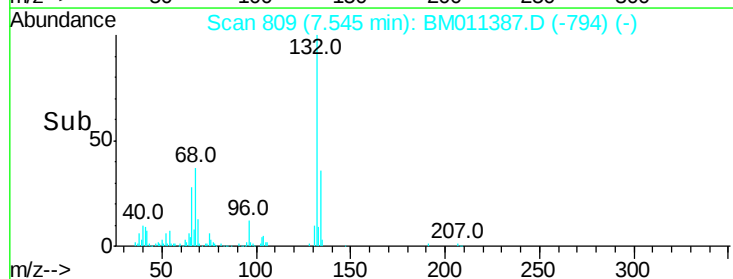
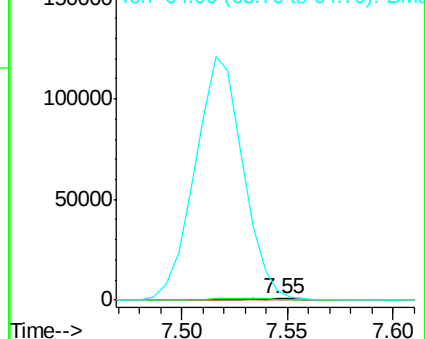
Acq: 01 Sep 2017 00:21

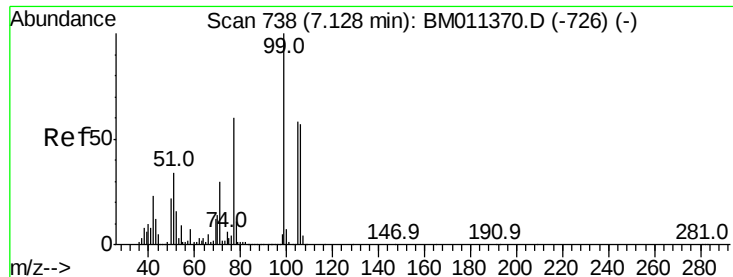
Tgt Ion: 128 Resp: 1408

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 0.0   | 12.0  | 52.0# |
| 64  | 737.1 | 24.9  | 64.9# |



Abundance Ion 128.00 (127.70 to 128.70): BM011387.D (-794) (-)





#9

Benzaldehyde

Concen: 0.116 ng

RT: 7.13 min Scan# 739

Delta R.T. 0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

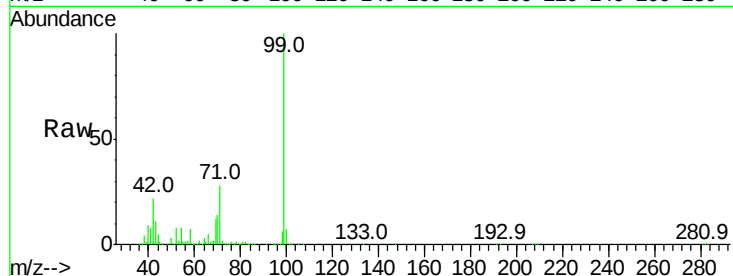
Tot Ion: 77 Resp: 2777

Ion Ratio Lower Upper

77 100

105 18.1 78.8 118.8#

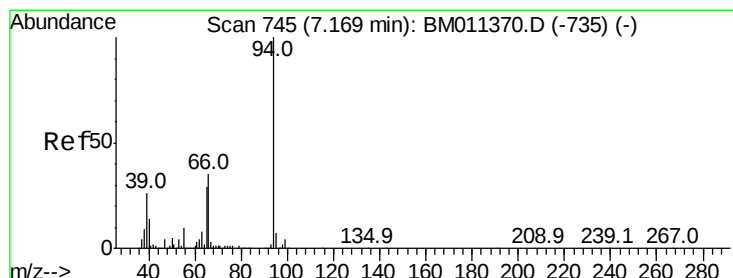
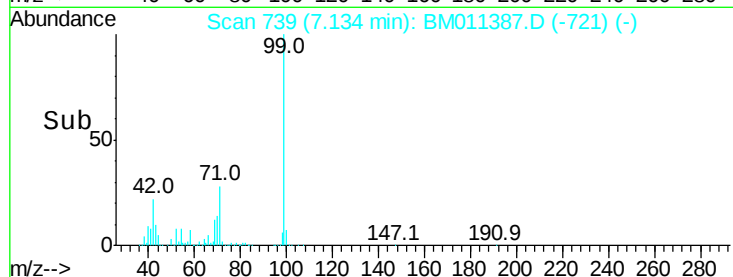
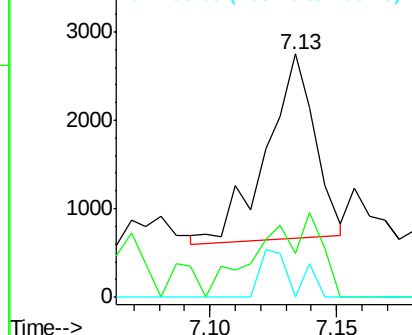
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM011387.D (-721) (-)

Ion 105.00 (104.70 to 105.70): BM011387.D (-721) (-)

Ion 106.00 (105.70 to 106.70): BM011387.D (-721) (-)



#10

Phenol

Concen: 0.037 ng

RT: 7.17 min Scan# 745

Delta R.T. 0.00 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

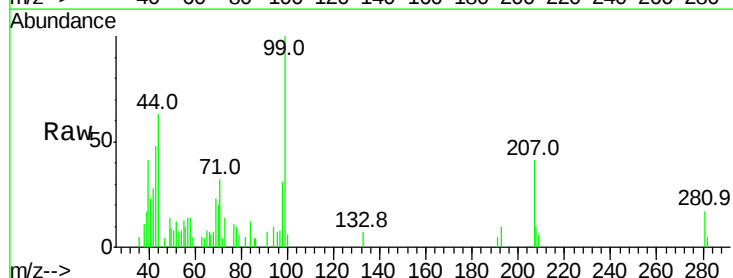
Tgt Ion: 94 Resp: 1665

Ion Ratio Lower Upper

94 100

65 79.0 18.8 58.8#

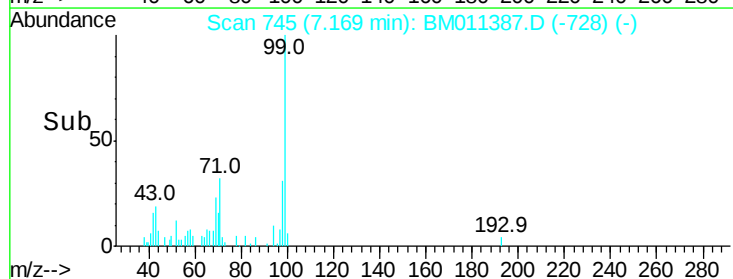
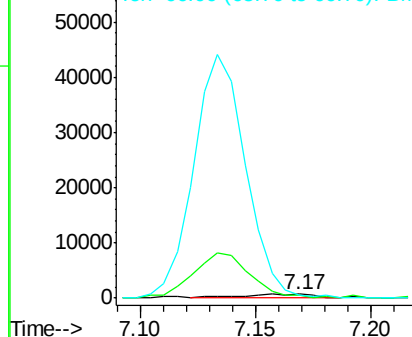
66 65.7 39.9 79.9

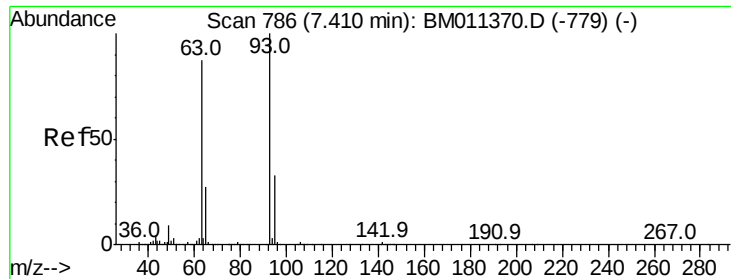


Abundance Ion 94.00 (93.70 to 94.70): BM011387.D (-728) (-)

Ion 65.00 (64.70 to 65.70): BM011387.D (-728) (-)

Ion 66.00 (65.70 to 66.70): BM011387.D (-728) (-)

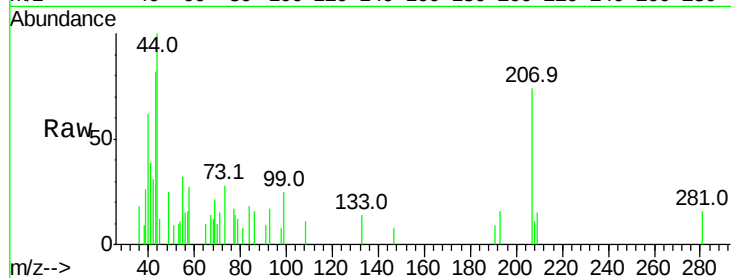




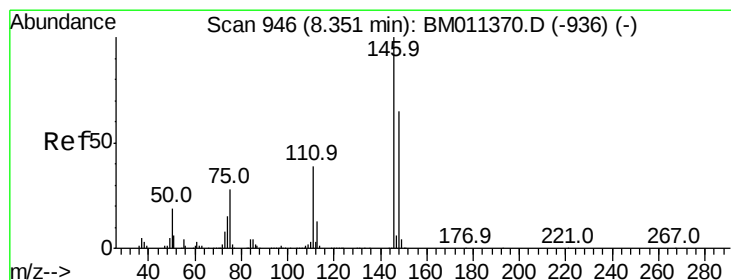
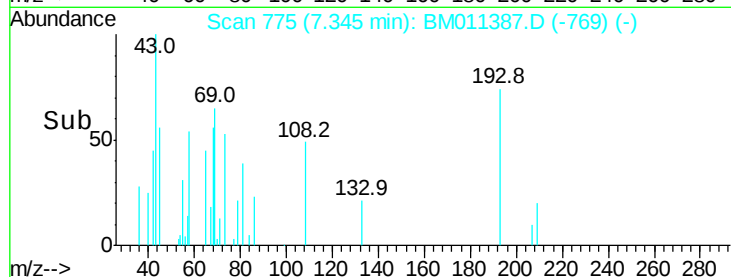
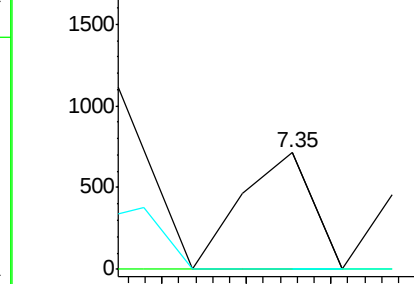
#11  
bis(2-Chloroethyl)ether  
Concen: 0.011 ng  
RT: 7.35 min Scan# 775  
Delta R.T. -0.06 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Instrument :  
BNA\_M  
ClientSampled :

Tot Ion: 93 Resp: 415  
Ion Ratio Lower Upper  
93 100  
63 0.0 49.5 89.5#  
95 0.0 13.5 53.5#

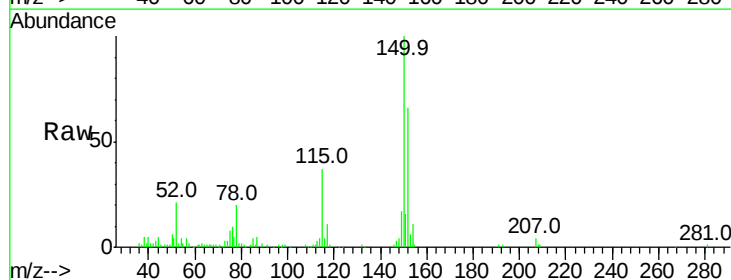


Abundance Ion 93.00 (92.70 to 93.70): BM0  
Ion 63.00 (62.70 to 63.70): BM0  
Ion 95.00 (94.70 to 95.70): BM0

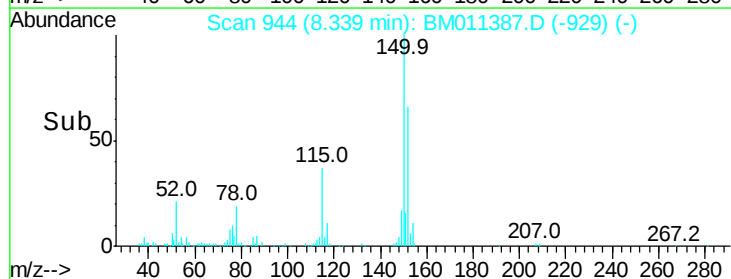
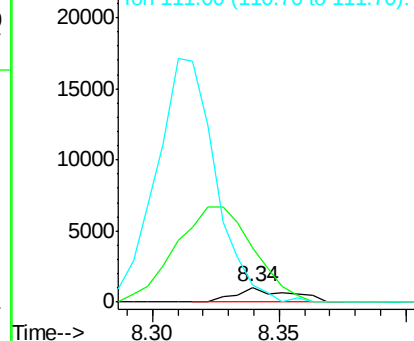


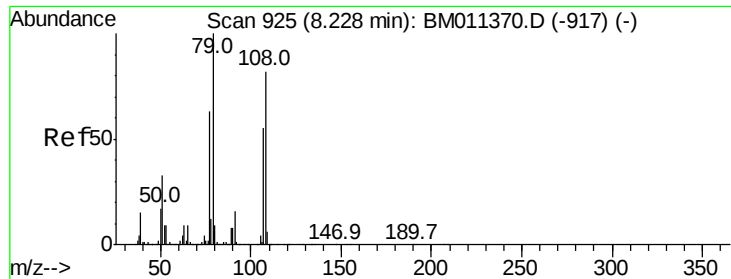
#14  
1,2-Dichlorobenzene  
Concen: 0.037 ng  
RT: 8.34 min Scan# 944  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion: 146 Resp: 1455  
Ion Ratio Lower Upper  
146 100  
148 365.4 52.3 78.5#  
111 113.9 30.6 45.8#



Abundance Ion 146.00 (145.70 to 146.70): E  
Ion 148.00 (147.70 to 148.70): E  
Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 0.065 ng

RT: 8.22 min Scan# 924

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

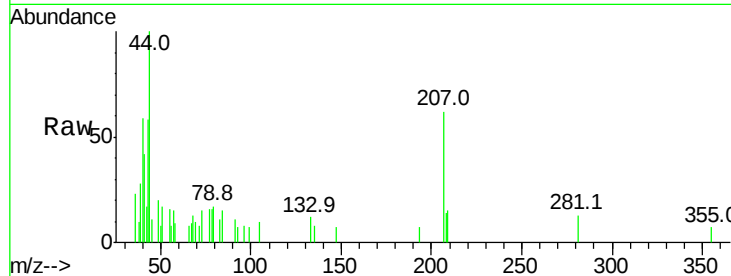
Tot Ion: 79 Resp: 1927

Ion Ratio Lower Upper

79 100

108 0.0 65.0 97.4#

77 97.4 53.0 79.6#

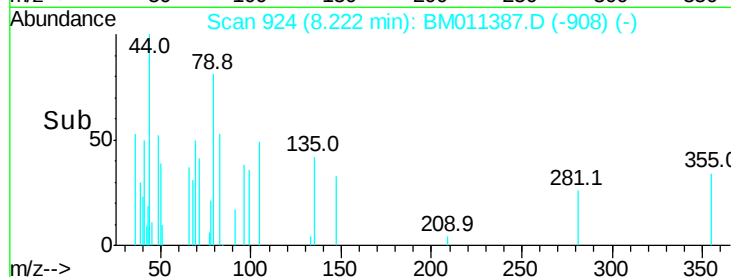


Abundance Ion 79.00 (78.70 to 79.70): BM011387.D (-908) (-)

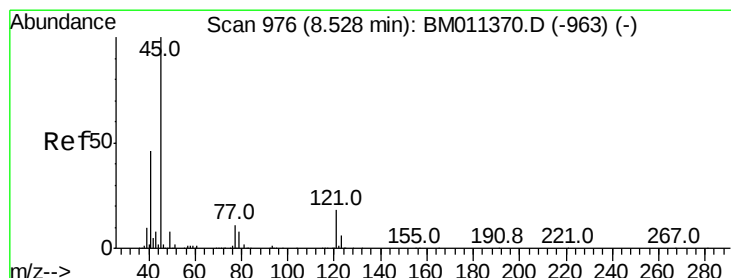
Ion 108.00 (107.70 to 108.70): BM011387.D (-908) (-)

Ion 77.00 (76.70 to 77.70): BM011387.D (-908) (-)

Time-->



Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 0.007 ng

RT: 8.52 min Scan# 975

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

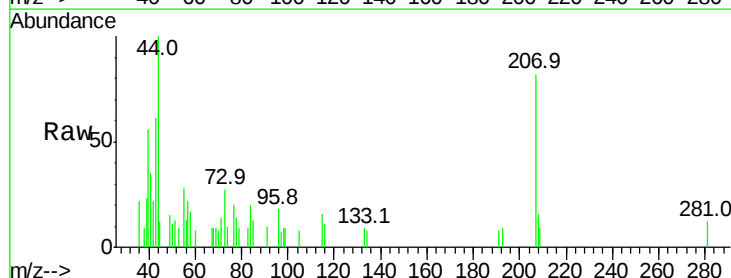
Tgt Ion: 45 Resp: 446

Ion Ratio Lower Upper

45 100

77 159.7 0.0 35.2#

79 73.2 0.0 32.0#

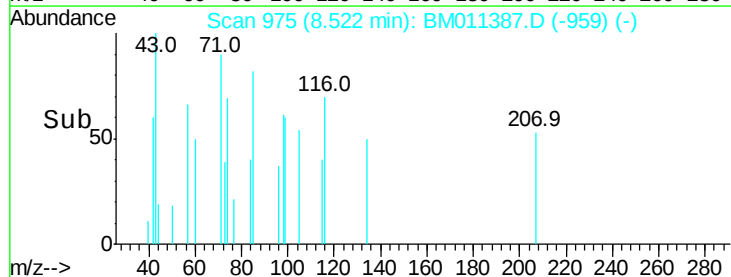


Abundance Ion 45.00 (44.70 to 45.70): BM011387.D (-959) (-)

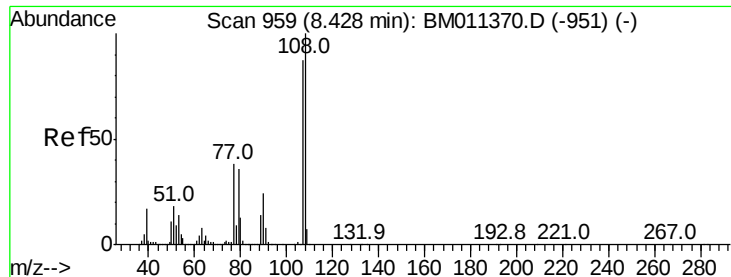
Ion 77.00 (76.70 to 77.70): BM011387.D (-959) (-)

Ion 79.00 (78.70 to 79.70): BM011387.D (-959) (-)

Time-->



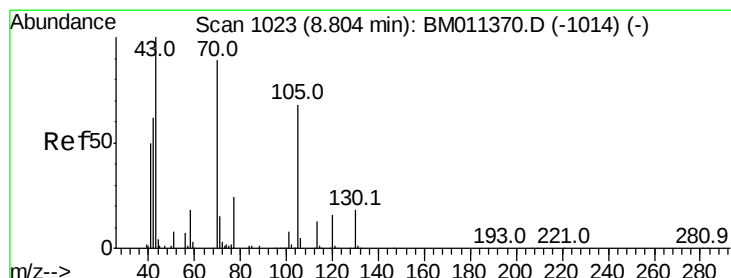
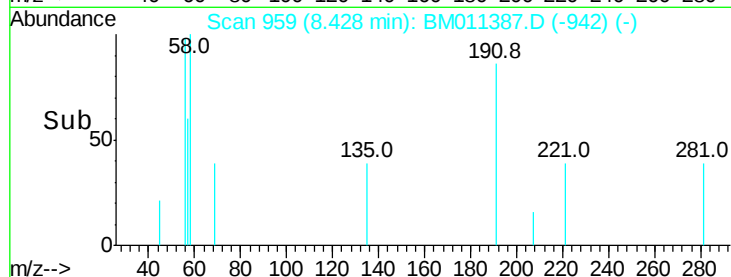
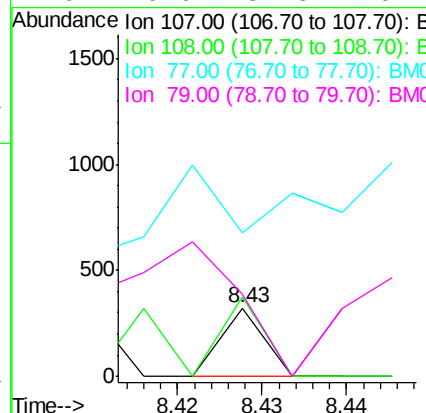
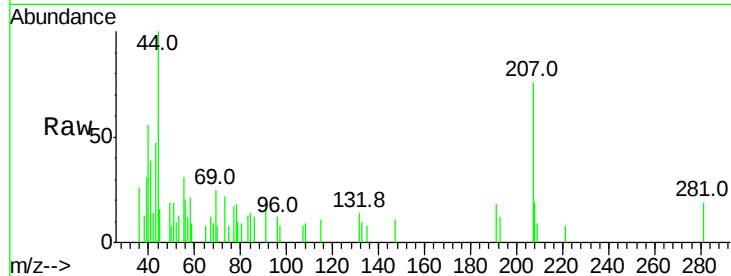
Time-->



#17  
2-Methylphenol  
Concen: 0.004 ng  
RT: 8.43 min Scan# 959  
Delta R.T. 0.00 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

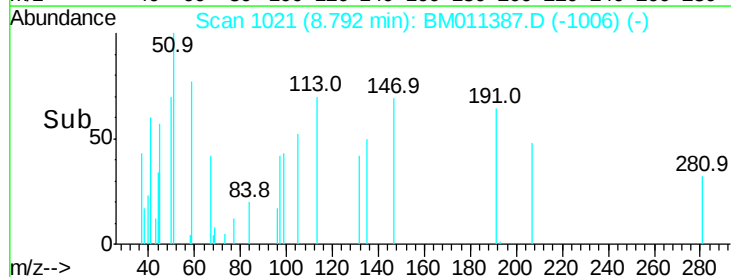
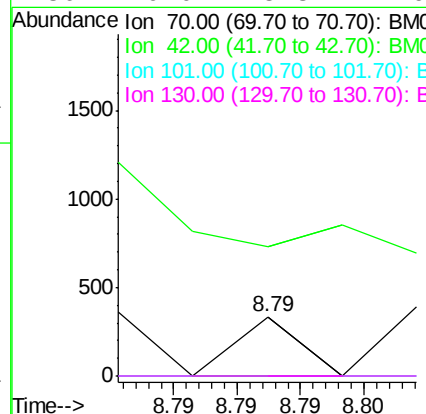
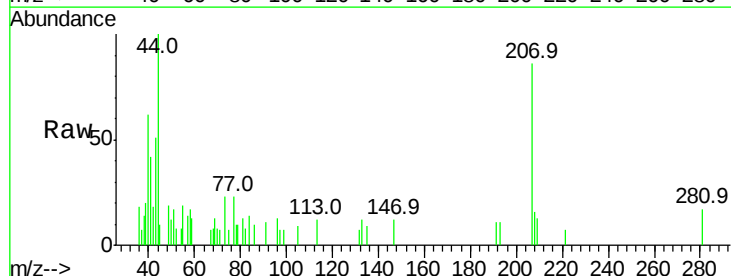
Instrument :  
BNA\_M  
ClientSampled :

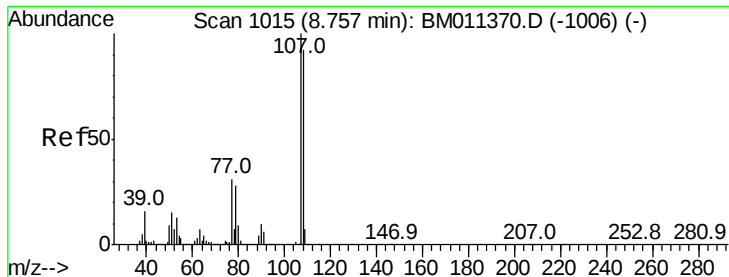
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 117.1 | 89.8  | 134.8 |
| 77      | 210.3 | 32.6  | 48.8# |
| 79      | 119.9 | 32.8  | 49.2# |



#19  
n-Nitroso-di-n-propylamine  
Concen: 0.004 ng  
RT: 8.79 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 70      | 100   |       |       |
| 42      | 220.4 | 44.5  | 66.7# |
| 101     | 0.0   | 7.4   | 11.2# |
| 130     | 0.0   | 15.3  | 22.9# |





#20

3+4-Methylphenols

Concen: 0.008 ng

RT: 8.75 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:107 Resp: 315

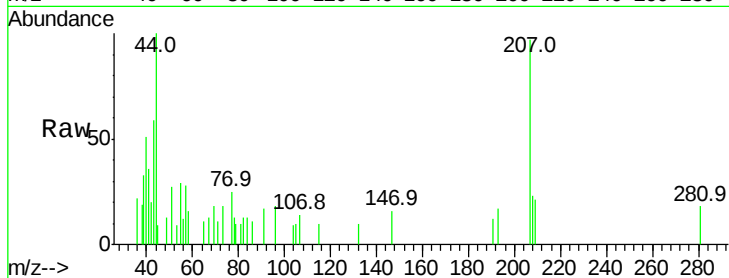
Ion Ratio Lower Upper

107 100

108 0.0 73.2 113.2#

77 171.5 10.7 50.7#

79 68.3 9.6 49.6#



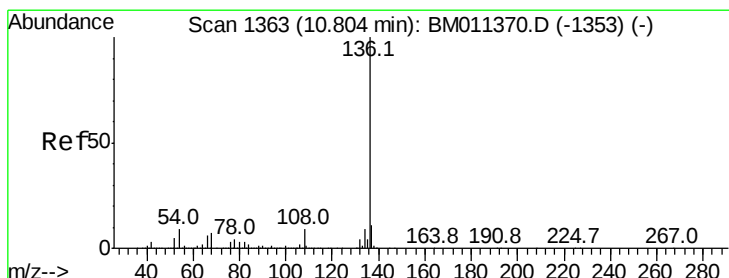
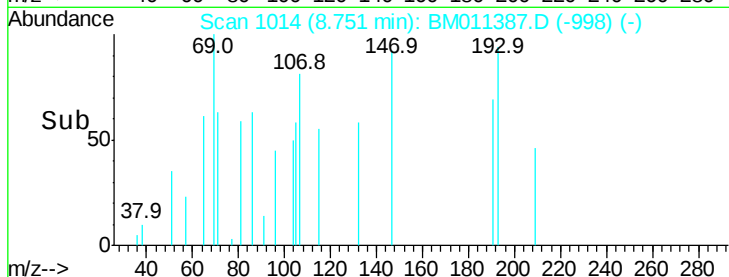
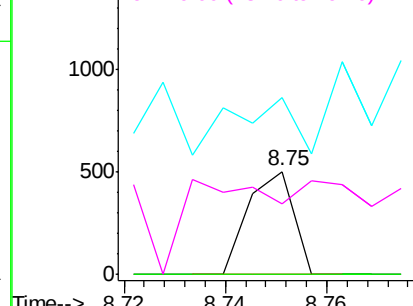
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.80 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Tgt Ion:136 Resp: 2174318

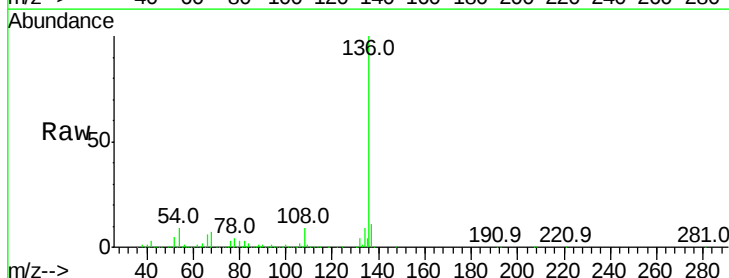
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 9.3 4.6 6.8#

68 7.1 3.7 5.5#



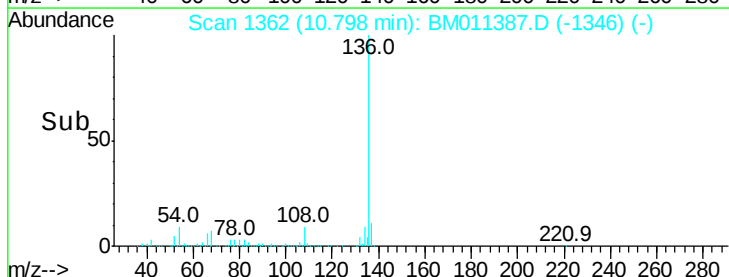
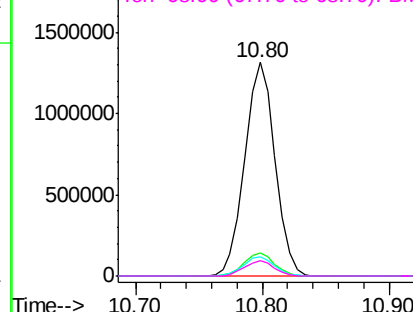
Abundance

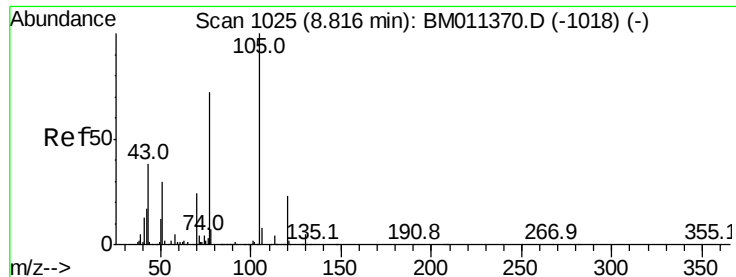
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM0

Ion 68.00 (67.70 to 68.70): BM0





#22

Acetophenone

Concen: 0.033 ng

RT: 8.81 min Scan# 1024

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

Tot Ion:105 Resp: 1806

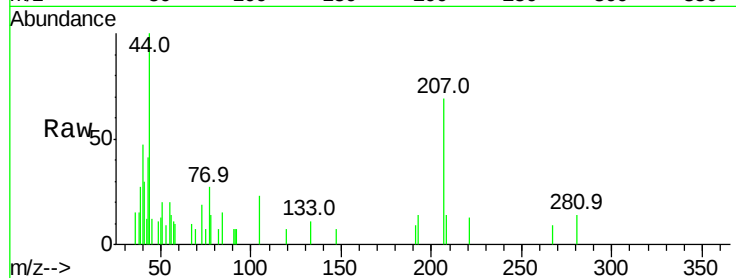
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 85.0 21.6 32.4#

120 28.5 16.1 24.1#

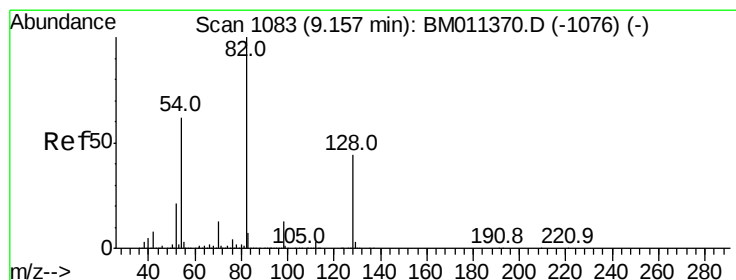
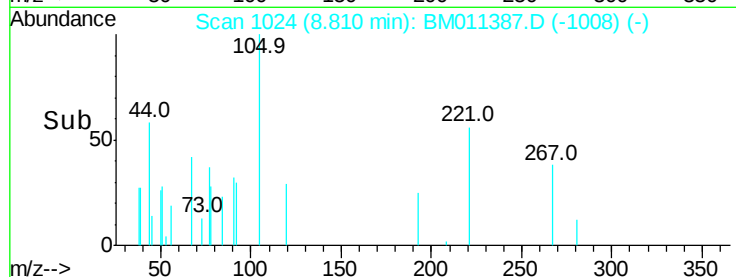
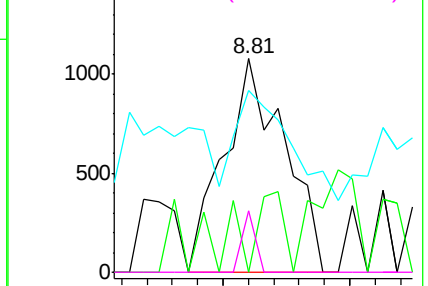


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 99.533 ng

RT: 9.15 min Scan# 1082

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

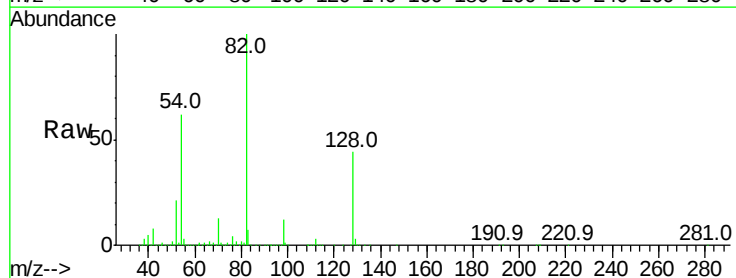
Tgt Ion: 82 Resp: 3284110

Ion Ratio Lower Upper

82 100

128 43.9 32.8 49.2

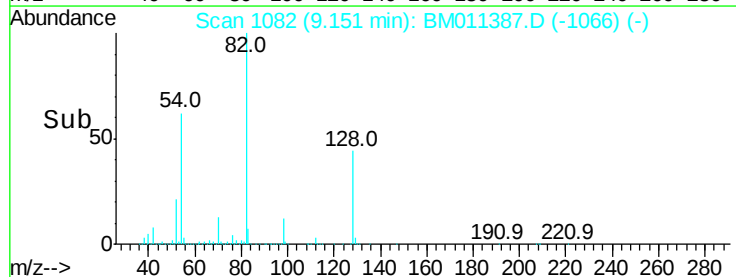
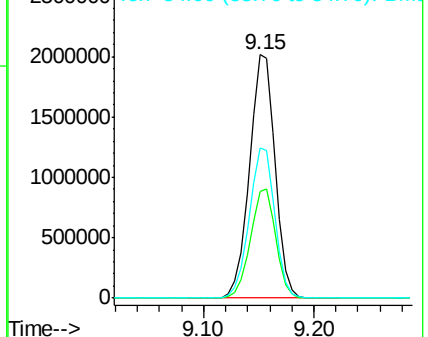
54 61.7 40.6 60.8#

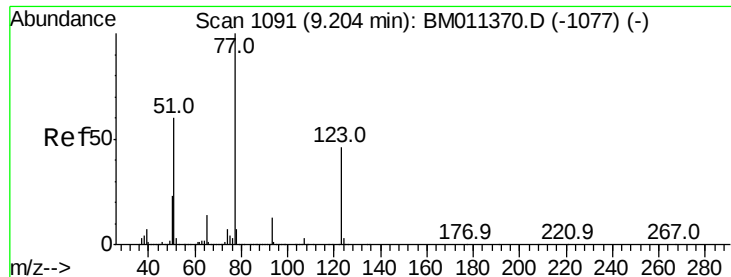


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

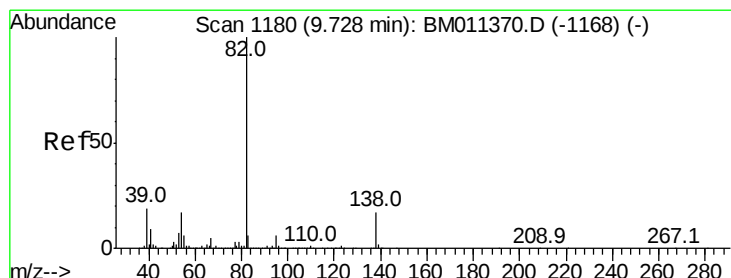
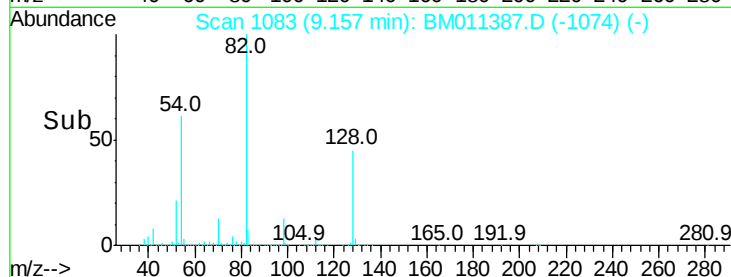
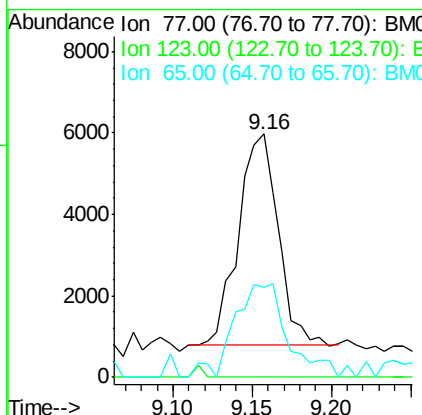
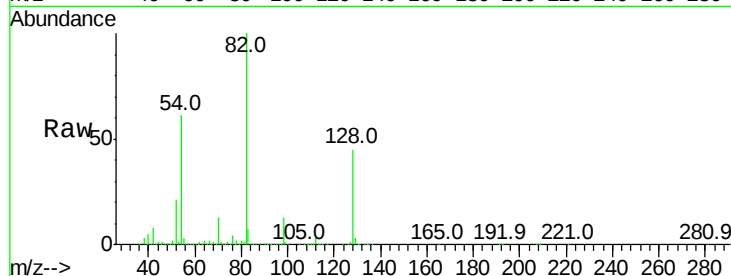




#24  
 Nitrobenzene  
 Concen: 0.249 ng  
 RT: 9.16 min Scan# 1083  
 Delta R.T. -0.05 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

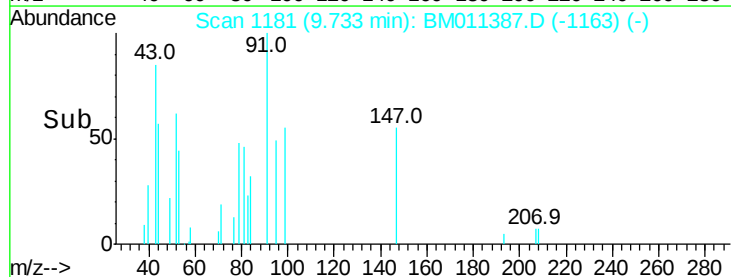
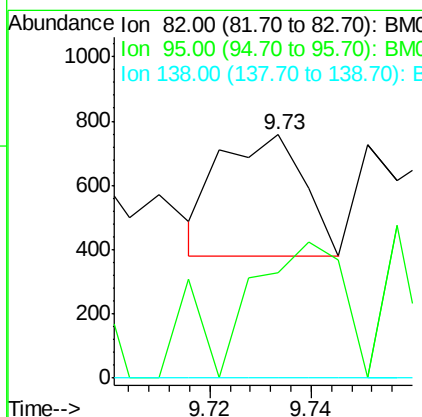
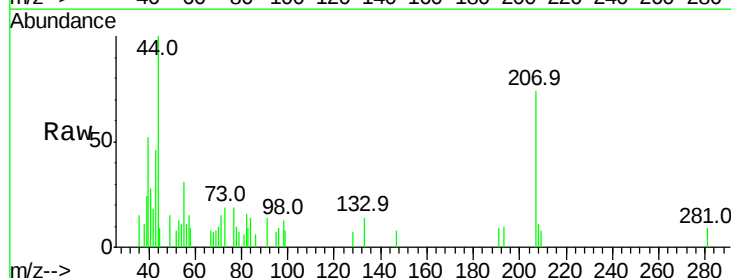
Instrument :  
 BNA\_M  
 ClientSampleId :

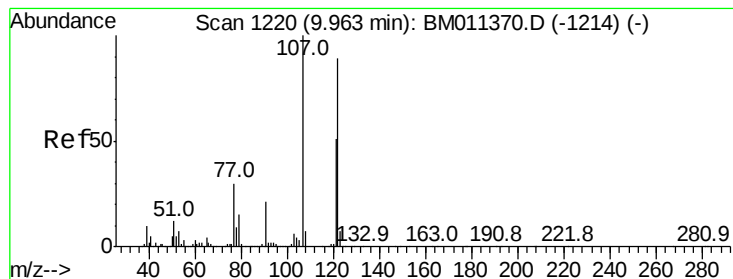
Tot Ion: 77 Resp: 9068  
 Ion Ratio Lower Upper  
 77 100  
 123 0.0 32.6 49.0#  
 65 36.8 10.9 16.3#



#25  
 Isophorone  
 Concen: 0.006 ng  
 RT: 9.73 min Scan# 1181  
 Delta R.T. 0.01 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

Tgt Ion: 82 Resp: 433  
 Ion Ratio Lower Upper  
 82 100  
 95 43.0 5.8 8.6#  
 138 0.0 16.3 24.5#





#27

2,4-Dimethylphenol

Concen: 0.028 ng

RT: 9.98 min Scan# 1223

Delta R.T. 0.02 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

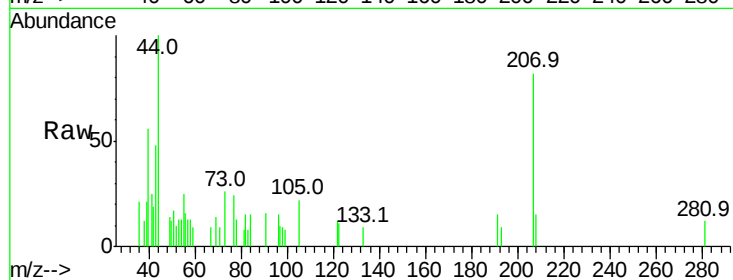
Tot Ion:122 Resp: 973

Ion Ratio Lower Upper

122 100

107 0.0 84.7 127.1#

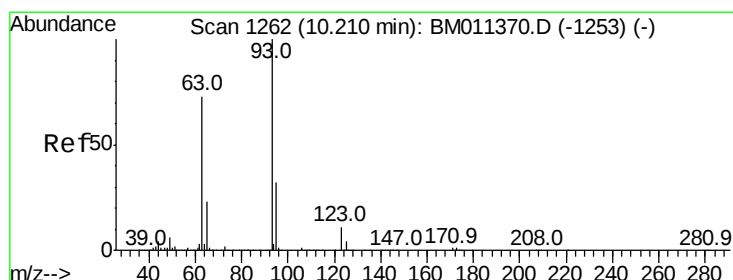
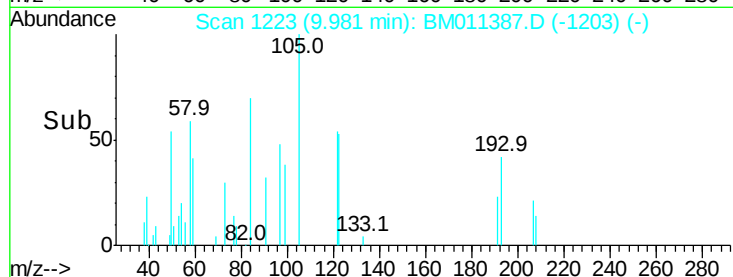
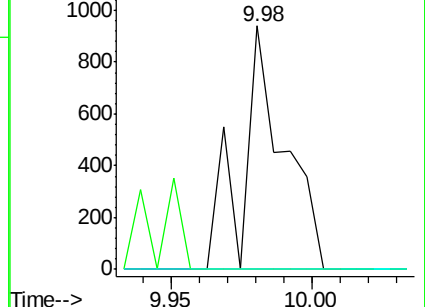
121 0.0 46.6 69.8#



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: 0.012 ng

RT: 10.20 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

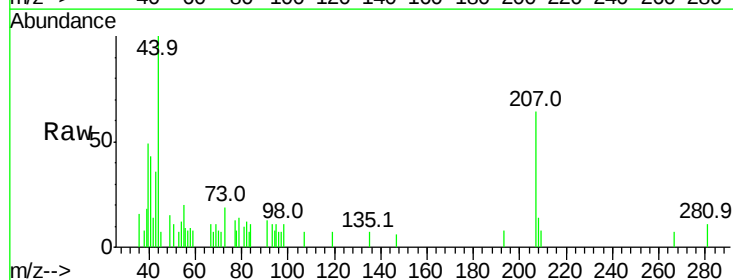
Tgt Ion: 93 Resp: 620

Ion Ratio Lower Upper

93 100

95 104.3 25.5 38.3#

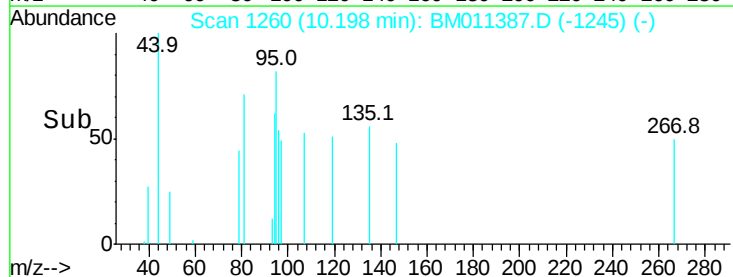
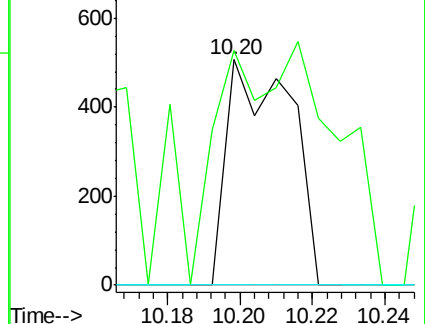
123 0.0 8.6 13.0#

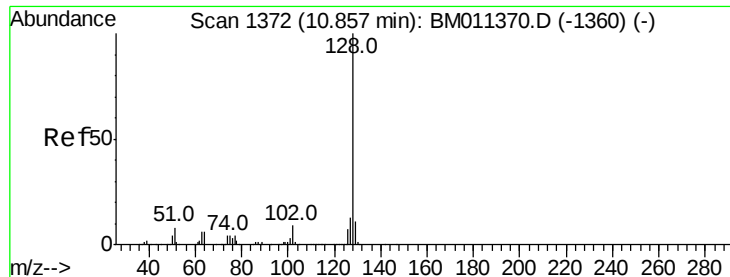


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

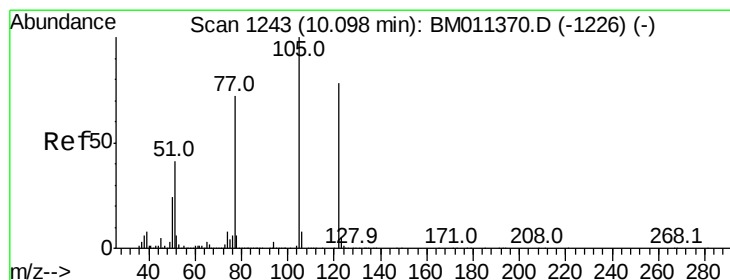
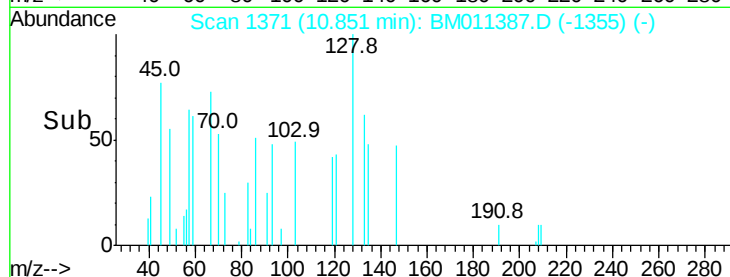
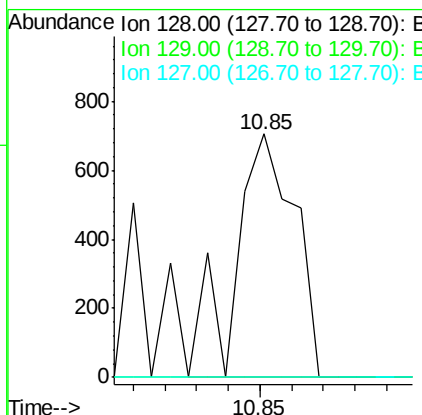
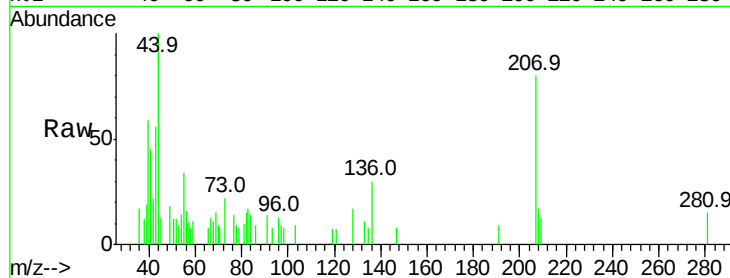




#31  
Naphthalene  
Concen: 0.008 ng  
RT: 10.85 min Scan# 1371  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

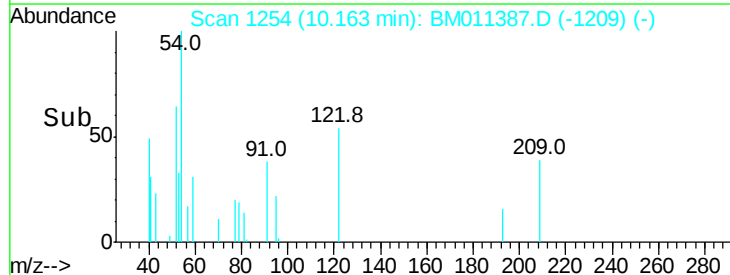
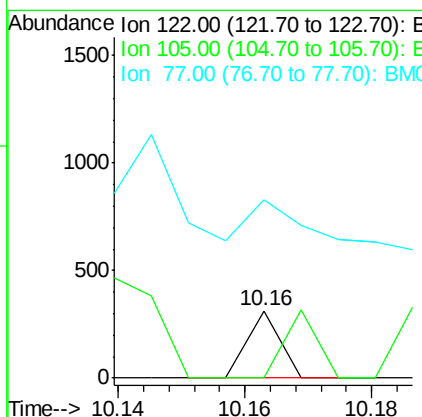
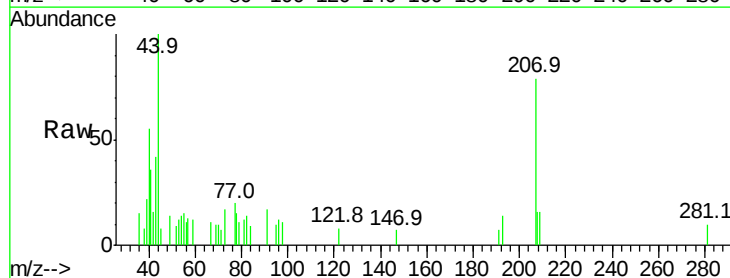
Instrument :  
BNA\_M  
ClientSampleId :

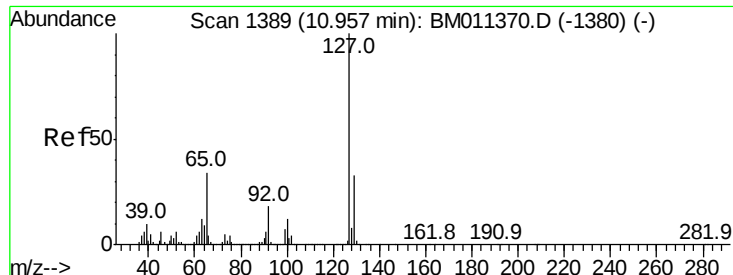
Tot Ion:128 Resp: 923  
Ion Ratio Lower Upper  
128 100  
129 0.0 8.9 13.3#  
127 0.0 10.4 15.6#



#32  
Benzoic acid  
Concen: 6.544 ng  
RT: 10.16 min Scan# 1254  
Delta R.T. 0.06 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion:122 Resp: 110  
Ion Ratio Lower Upper  
122 100  
105 0.0 99.9 139.9#  
77 265.1 73.7 113.7#

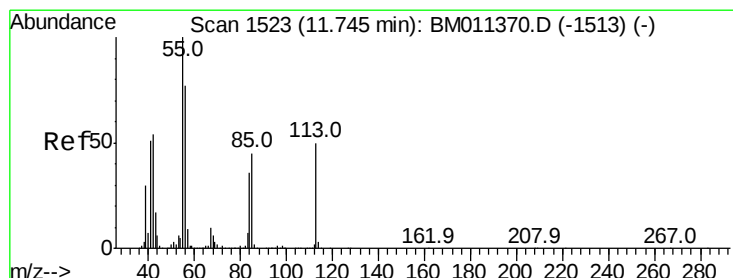
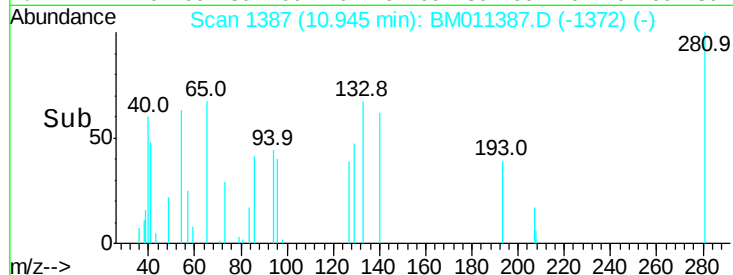
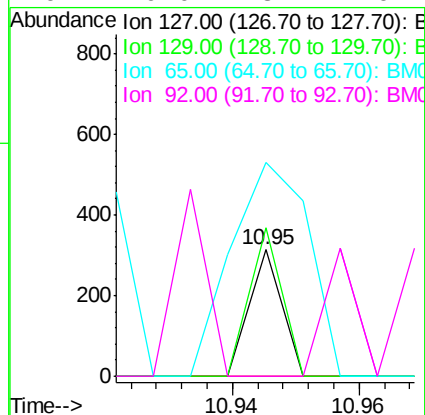
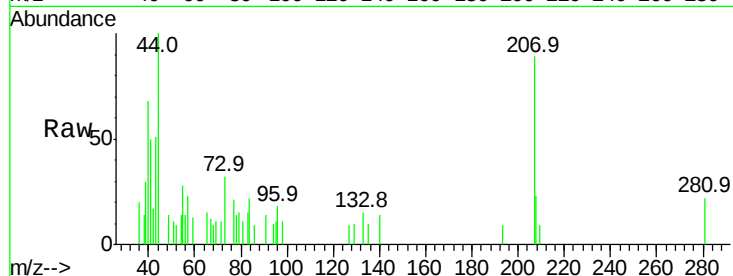




#33  
4-Chloroaniline  
Concen: 0.002 ng  
RT: 10.95 min Scan# 1387  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

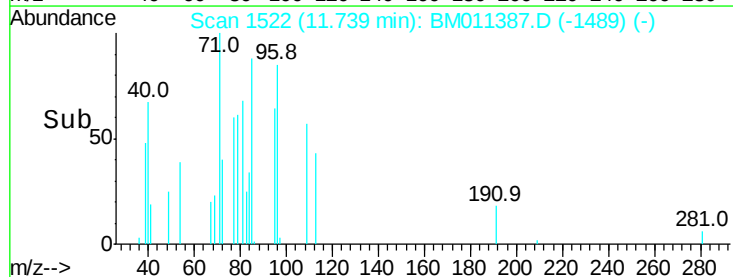
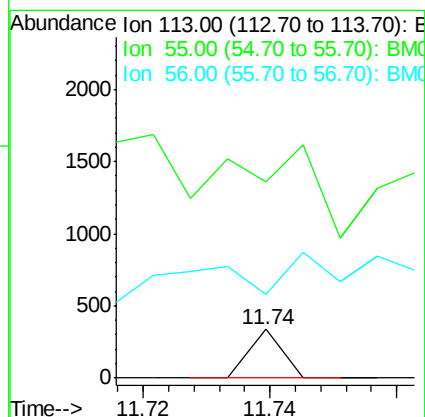
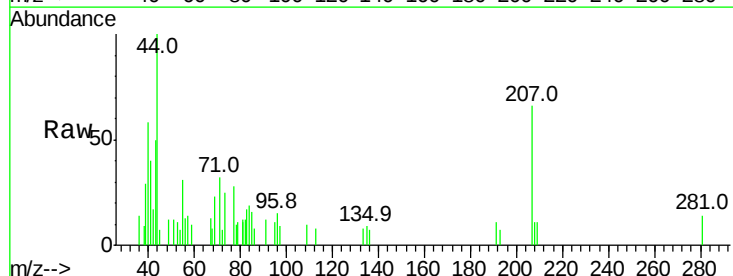
Instrument :  
BNA\_M  
ClientSampled :

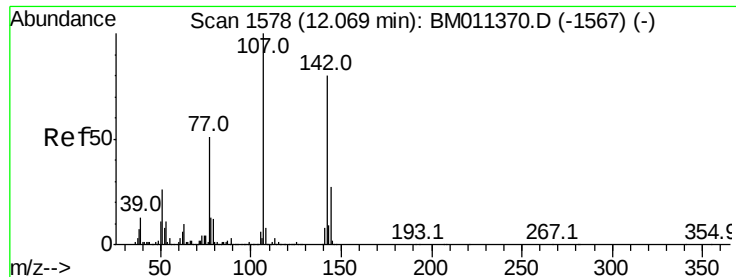
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 127   | Resp: | 110   |
| Ion      | Ratio | Lower | Upper |
| 127      | 100   |       |       |
| 129      | 118.2 | 25.3  | 37.9# |
| 65       | 169.3 | 17.6  | 26.4# |
| 92       | 0.0   | 13.1  | 19.7# |



#35  
Caprolactam  
Concen: 0.010 ng  
RT: 11.74 min Scan# 1522  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 113   | Resp: | 119    |
| Ion      | Ratio | Lower | Upper  |
| 113      | 100   |       |        |
| 55       | 402.4 | 145.9 | 185.9# |
| 56       | 170.4 | 101.0 | 141.0# |

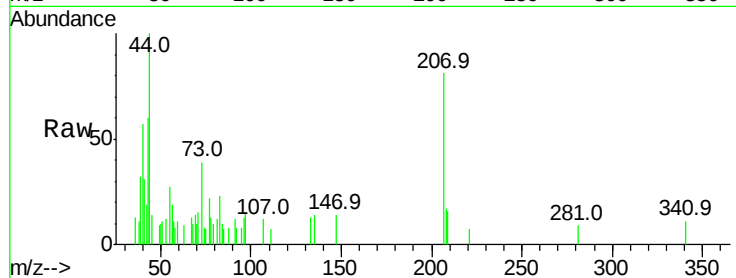




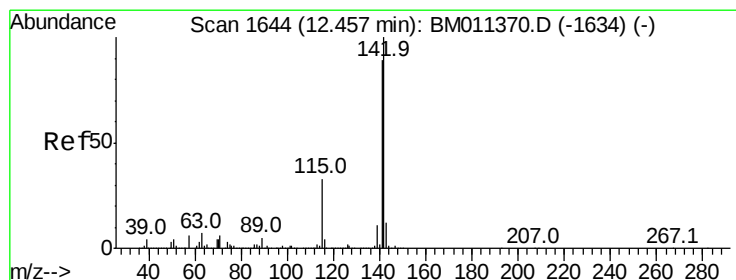
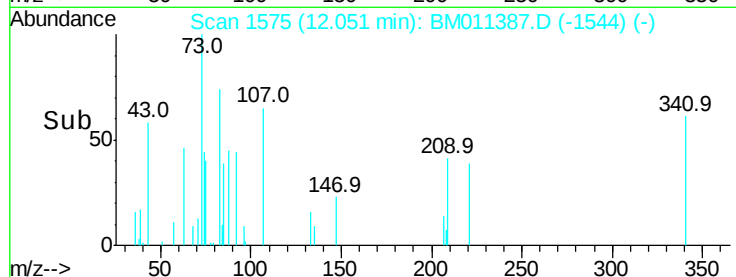
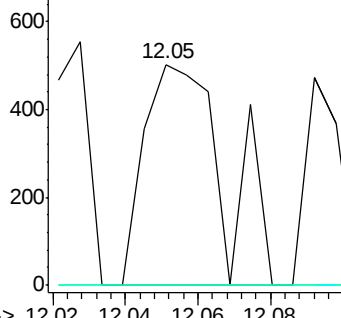
#36  
 4-Chloro-3-methylphenol  
 Concen: 0.020 ng  
 RT: 12.05 min Scan# 1575  
 Delta R.T. -0.02 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

Instrument :  
 BNA\_M  
 ClientSampled :

Tot Ion:107 Resp: 774  
 Ion Ratio Lower Upper  
 107 100  
 144 0.0 23.3 34.9#  
 142 0.0 72.6 109.0#

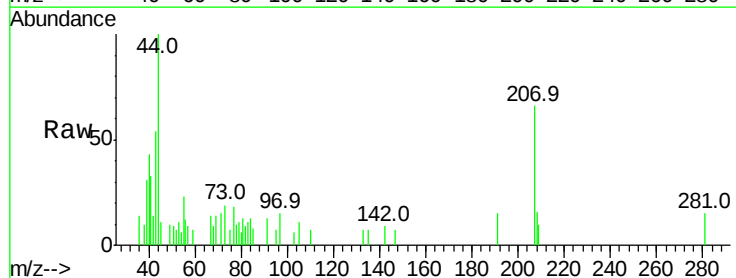


Abundance Ion 107.00 (106.70 to 107.70): E  
 Ion 144.00 (143.70 to 144.70): E  
 Ion 142.00 (141.70 to 142.70): E

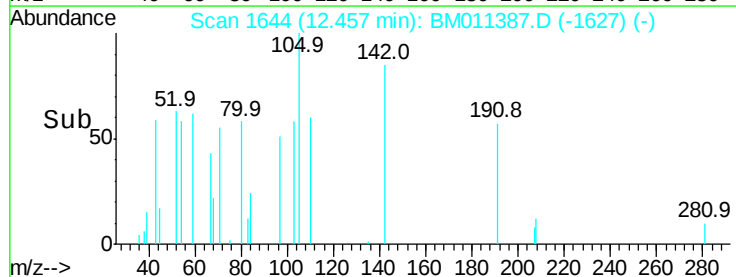
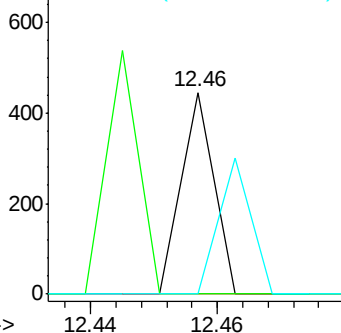


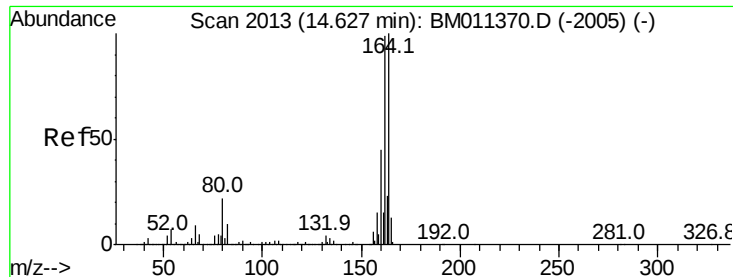
#37  
 2-Methylnaphthalene  
 Concen: 0.002 ng  
 RT: 12.46 min Scan# 1644  
 Delta R.T. 0.00 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

Tgt Ion:142 Resp: 157  
 Ion Ratio Lower Upper  
 142 100  
 141 0.0 71.9 107.9#  
 115 0.0 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: 20.000 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

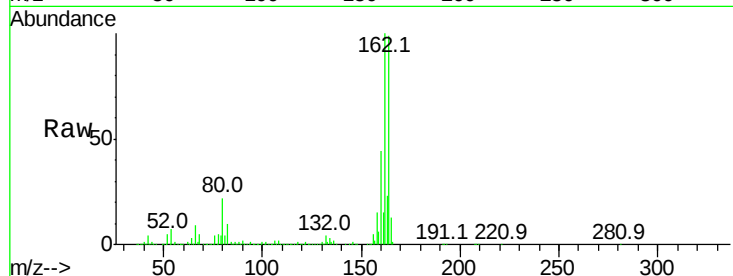
Instrument :

BNA\_M

ClientSampled :

Tot Ion:164 Resp: 1230697

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 162 | 101.0 | 82.4  | 123.6 |
| 160 | 44.4  | 35.8  | 53.6  |

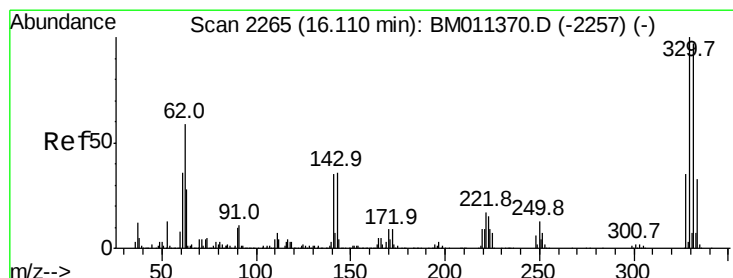
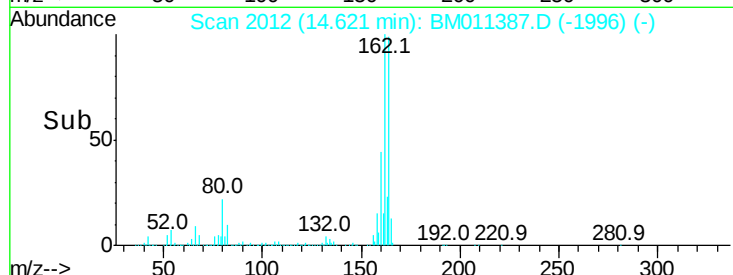
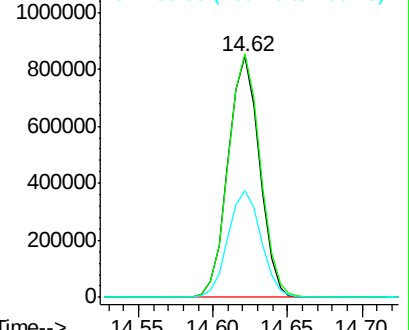


Abundance

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



#41

2,4,6-Tribromophenol

Concen: 140.291 ng

RT: 16.10 min Scan# 2264

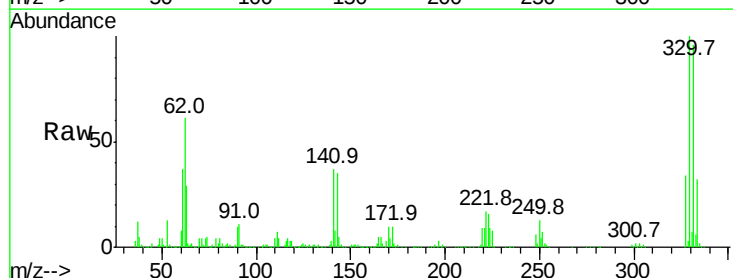
Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Tgt Ion:330 Resp: 1997558

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 330 | 100   |       |       |
| 332 | 96.6  | 0.0   | 0.0#  |
| 141 | 37.9  | 0.0   | 0.0#  |

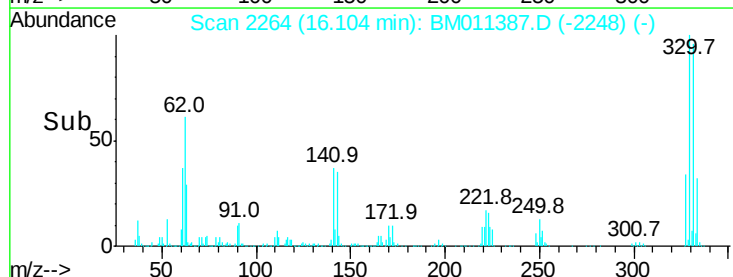
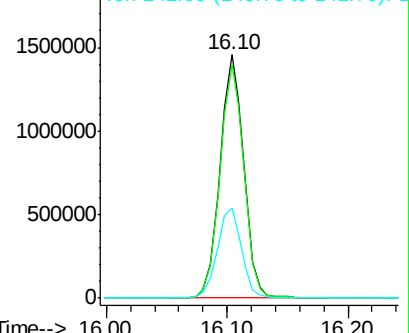


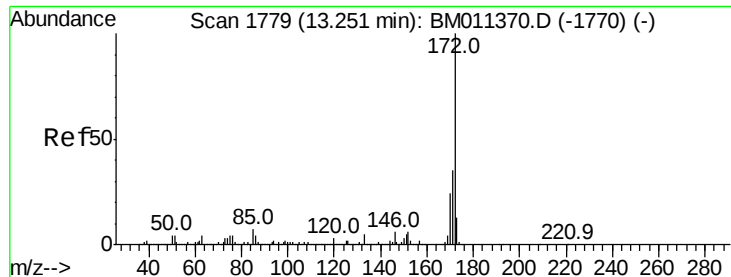
Abundance

Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

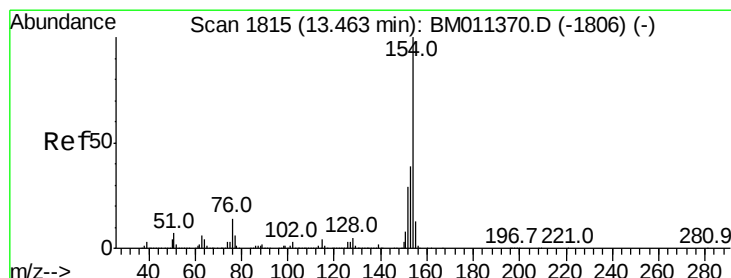
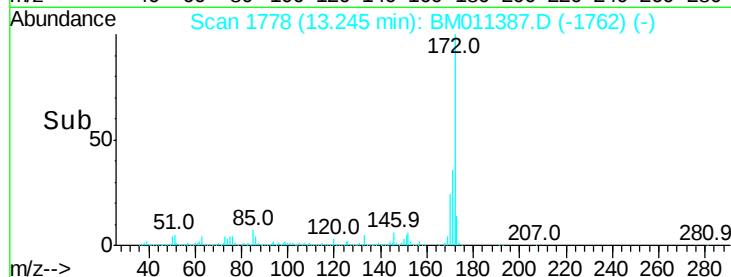
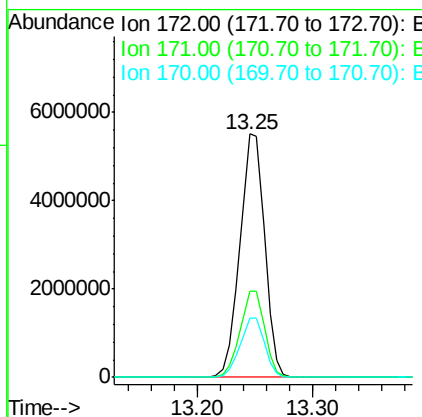
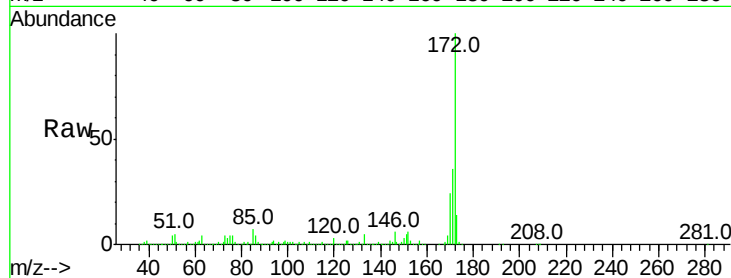




#44  
2-Fluorobiphenyl  
Concen: 95.795 ng  
RT: 13.25 min Scan# 1778  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

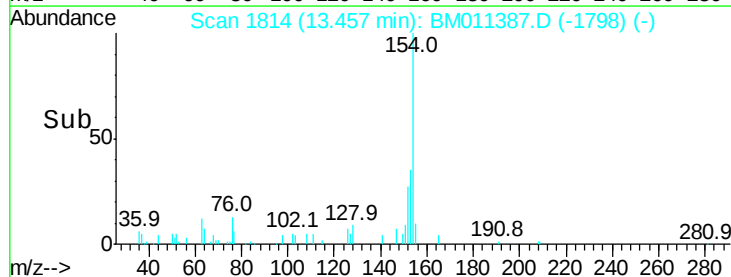
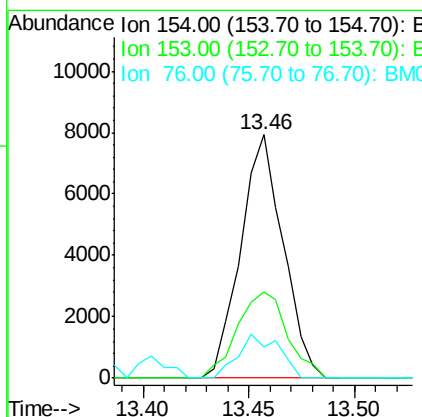
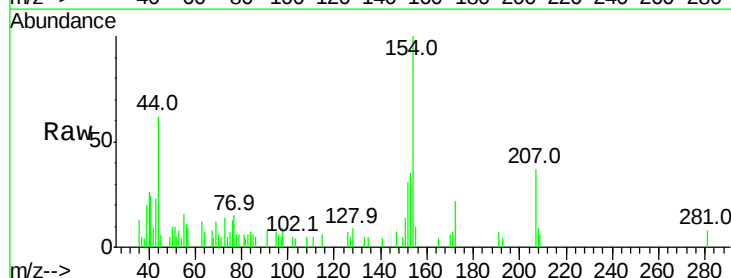
Instrument :  
BNA\_M  
ClientSampleId :

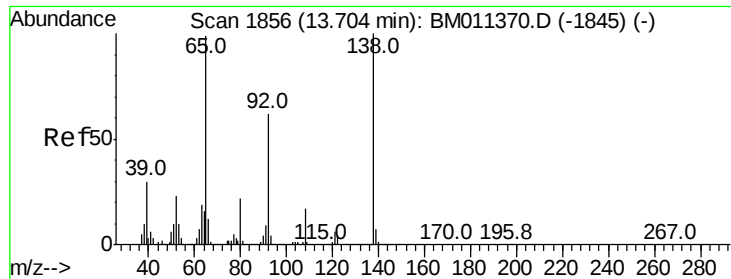
Tot Ion:172 Resp: 8178692  
Ion Ratio Lower Upper  
172 100  
171 35.7 28.5 42.7  
170 24.2 18.8 28.2



#45  
1,1'-Biphenyl  
Concen: 0.102 ng  
RT: 13.46 min Scan# 1814  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion:154 Resp: 11091  
Ion Ratio Lower Upper  
154 100  
153 35.4 20.7 60.7  
76 12.6 0.0 30.9

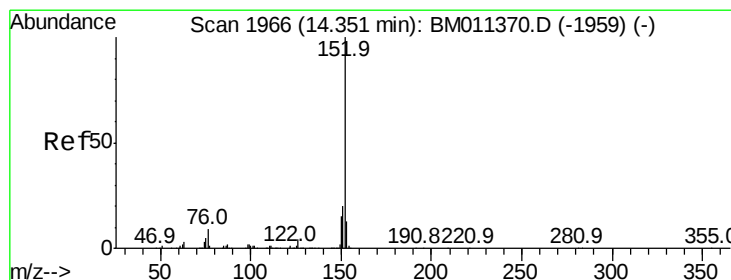
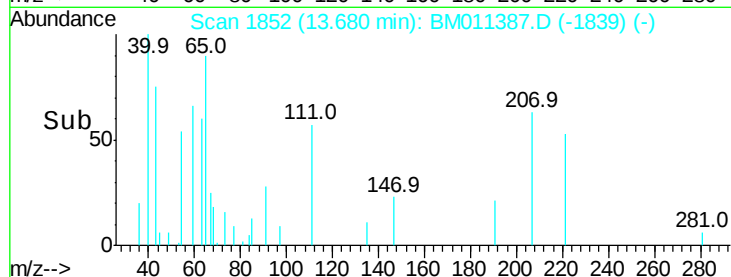
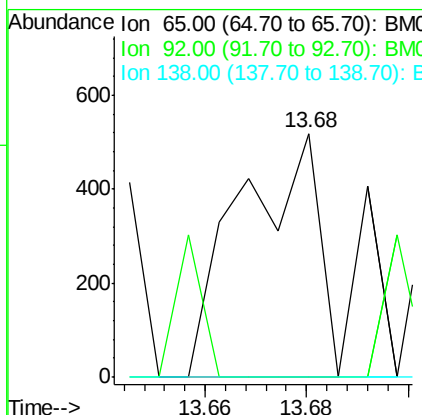
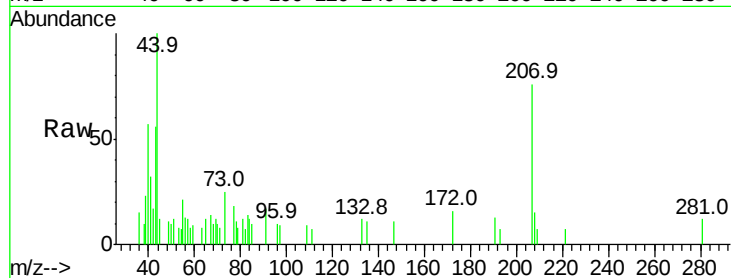




#47  
2-Nitroaniline  
Concen: 5.457 ng  
RT: 13.68 min Scan# 1852  
Delta R.T. -0.02 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

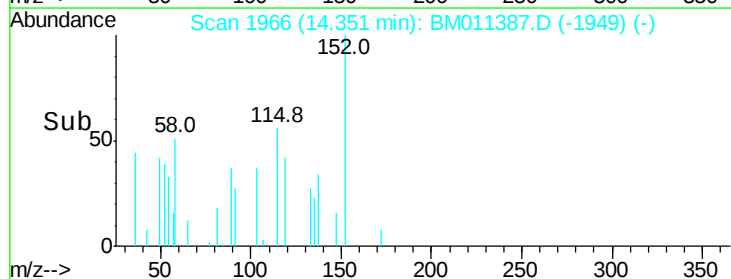
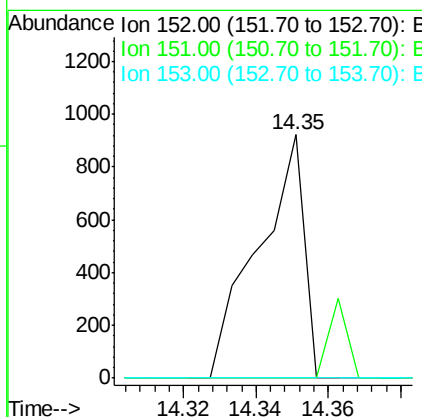
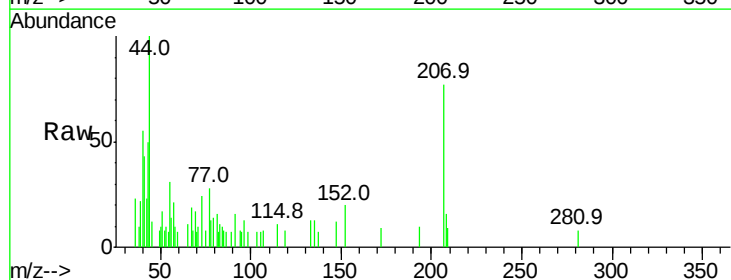
Instrument :  
BNA\_M  
ClientSampled :

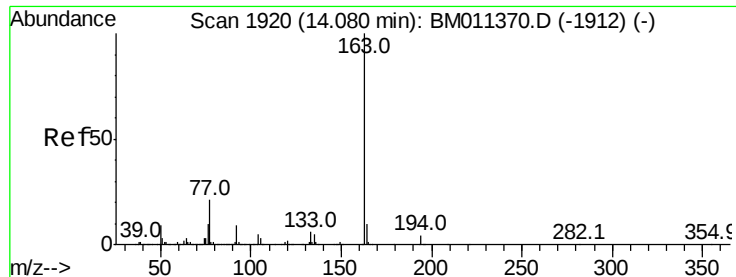
Tot Ion: 65 Resp: 560  
Ion Ratio Lower Upper  
65 100  
92 0.0 59.1 88.7#  
138 0.0 93.9 140.9#



#48  
Acenaphthylene  
Concen: 0.006 ng  
RT: 14.35 min Scan# 1966  
Delta R.T. 0.00 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion: 152 Resp: 809  
Ion Ratio Lower Upper  
152 100  
151 0.0 15.9 23.9#  
153 0.0 10.6 16.0#





#49

Dimethylphthalate

Concen: 0.004 ng

RT: 14.07 min Scan# 1918

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

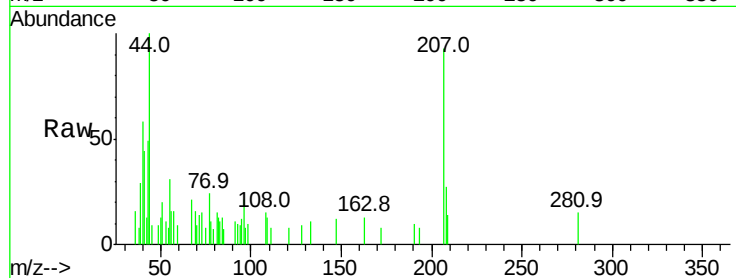
Tot Ion:163 Resp: 430

Ion Ratio Lower Upper

163 100

194 0.0 2.7 4.1#

164 0.0 8.2 12.2#



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

14.07

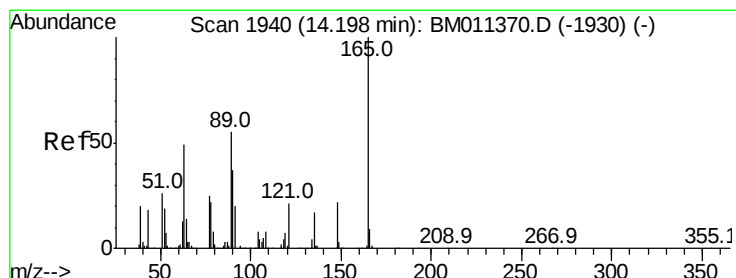
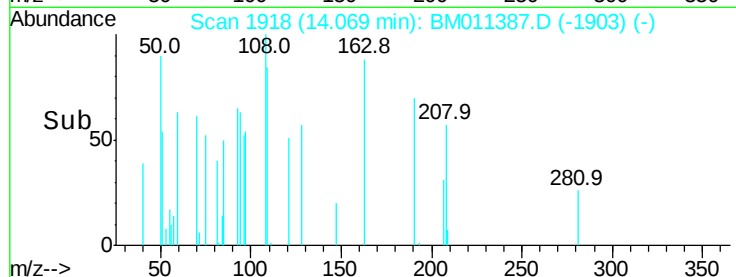
400

200

0

14.04 14.06 14.08

Time-->



#50

2,6-Dinitrotoluene

Concen: 0.076 ng

RT: 14.14 min Scan# 1931

Delta R.T. -0.05 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

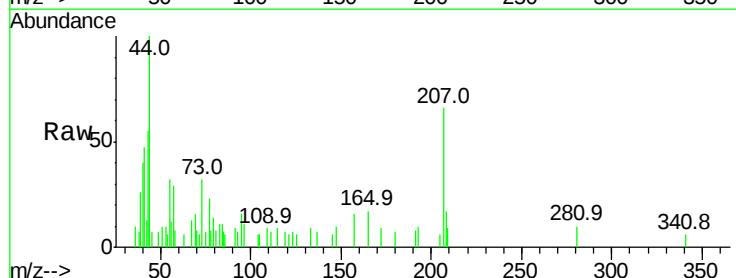
Tgt Ion:165 Resp: 1400

Ion Ratio Lower Upper

165 100

63 34.8 44.1 66.1#

89 0.0 44.3 66.5#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

14.14

1000

800

600

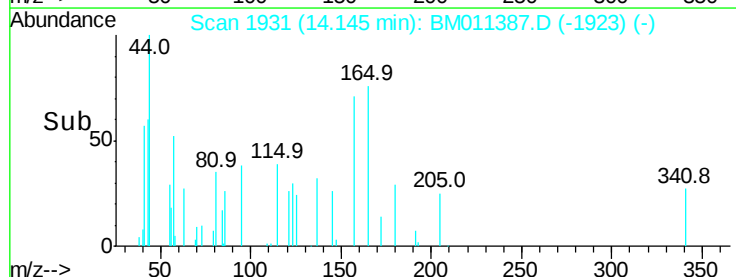
400

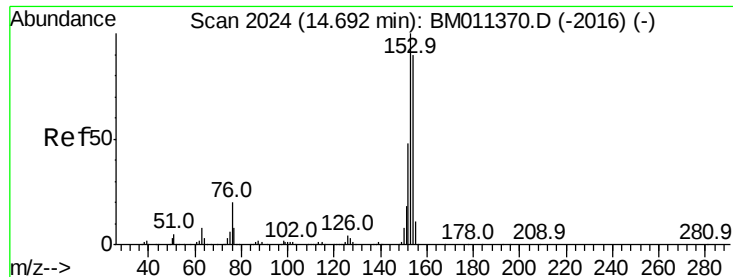
200

0

14.10 14.15 14.20

Time-->





#51

Acenaphthene

Concen: 0.055 ng

RT: 14.62 min Scan# 2012

Delta R.T. -0.07 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

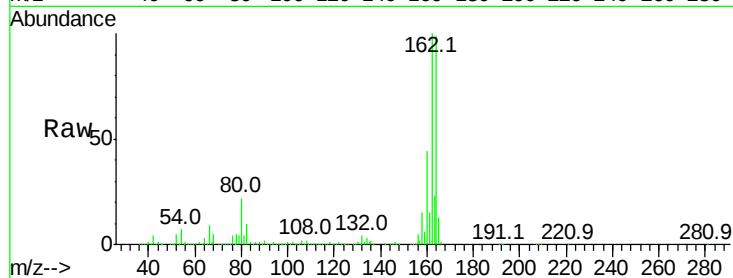
Tot Ion:154 Resp: 4541

Ion Ratio Lower Upper

154 100

153 11.2 90.0 135.0#

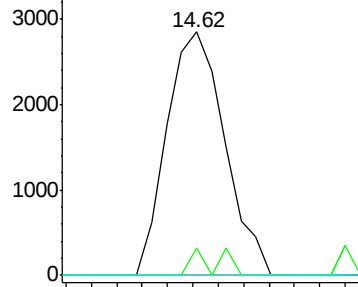
152 0.0 42.6 63.8#



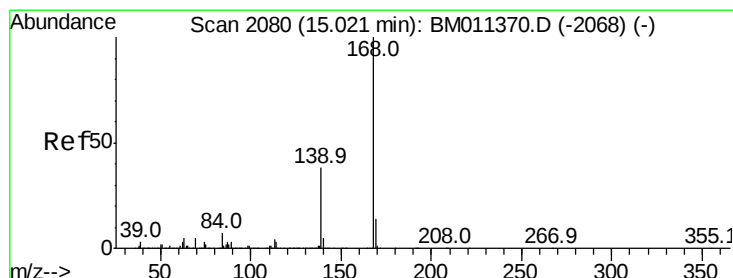
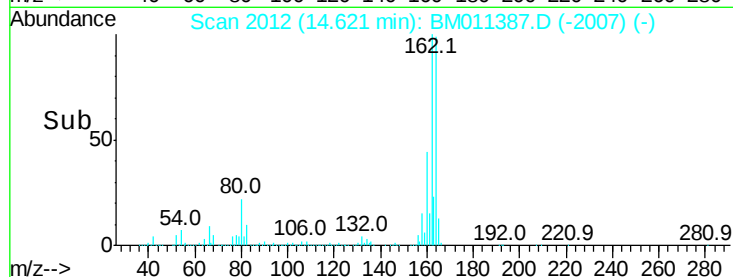
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



Time-->



#54

Dibenzofuran

Concen: 0.004 ng

RT: 15.02 min Scan# 2080

Delta R.T. 0.00 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

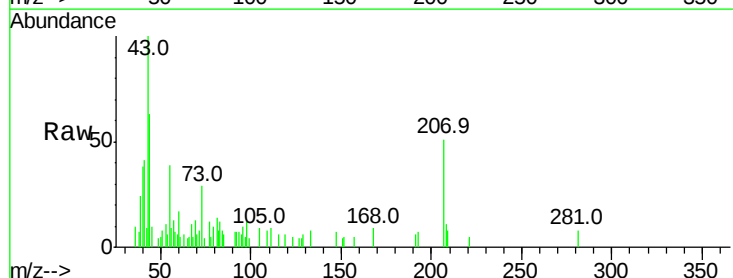
Tgt Ion:168 Resp: 445

Ion Ratio Lower Upper

168 100

139 0.0 27.3 40.9#

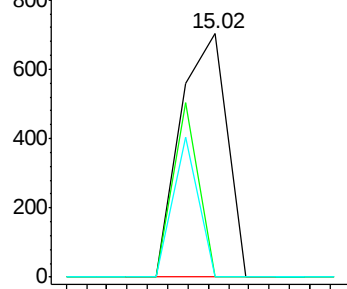
169 0.0 10.6 16.0#



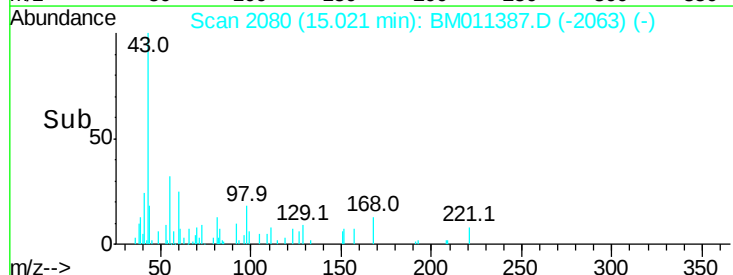
Abundance Ion 168.00 (167.70 to 168.70): E

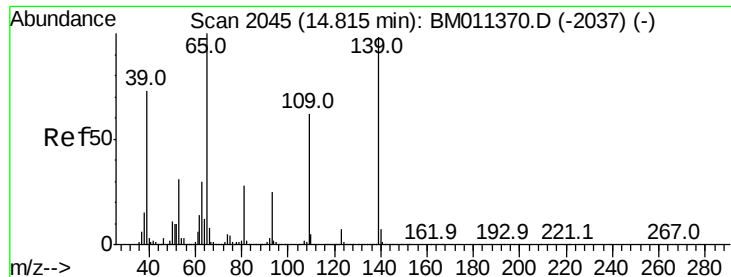
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



Time-->





#55

4-Nitrophenol

Concen: 0.007 ng

RT: 14.83 min Scan# 2047

Delta R.T. 0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

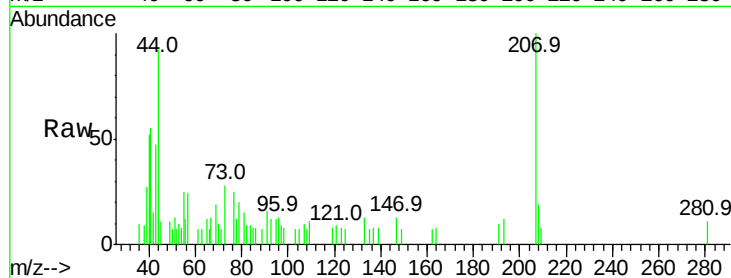
Tot Ion:139 Resp: 132

Ion Ratio Lower Upper

139 100

109 135.9 130.0 170.0

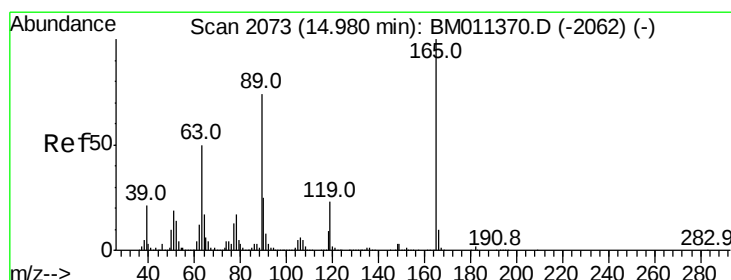
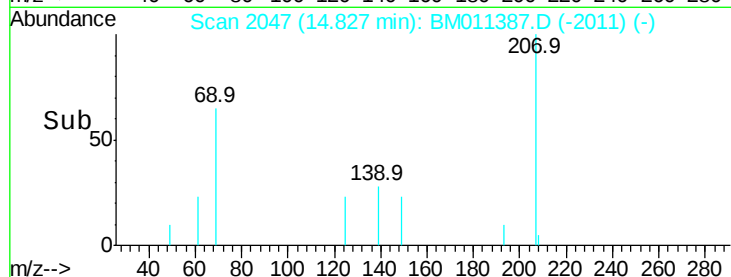
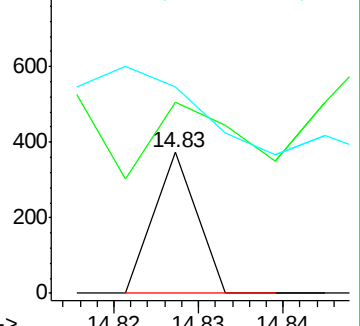
65 146.1 130.0 170.0



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 5.148 ng

RT: 14.95 min Scan# 2068

Delta R.T. -0.03 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Tgt Ion:165 Resp: 247

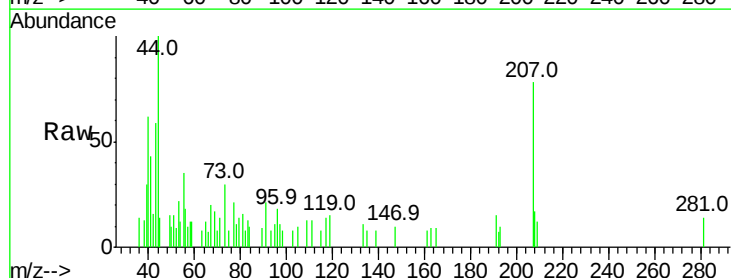
Ion Ratio Lower Upper

165 100

63 93.8 52.4 78.6#

89 107.3 72.4 108.6

182 0.0 2.0 3.0#

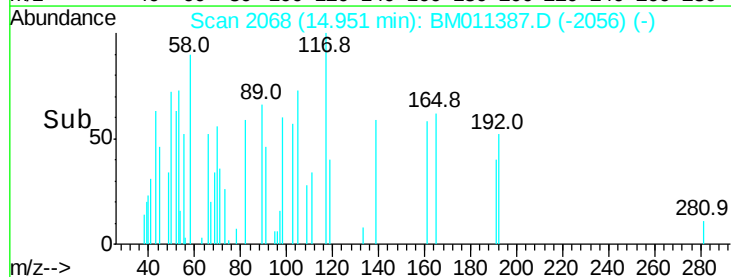
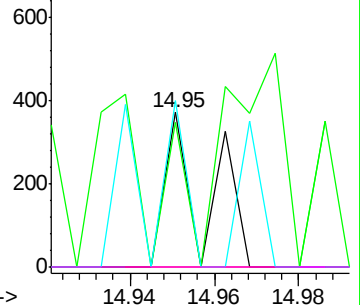


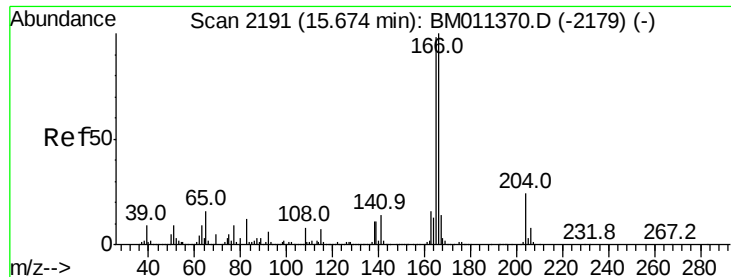
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E

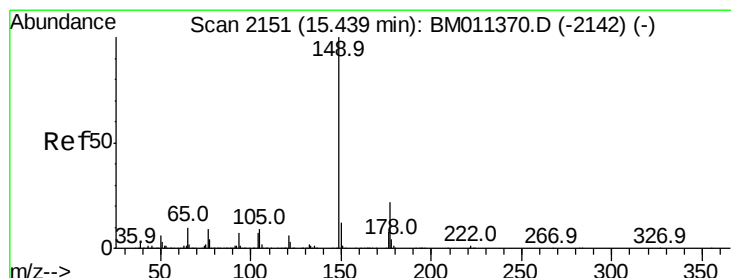
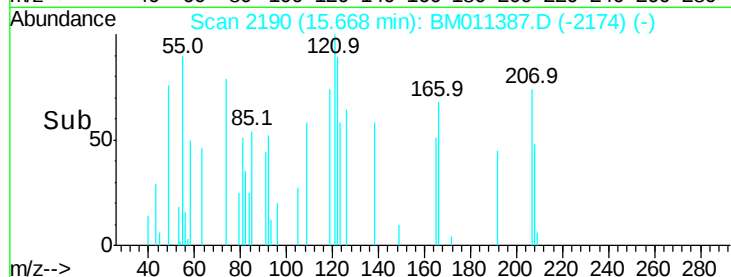
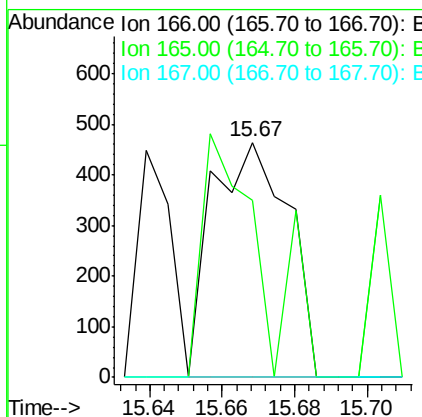
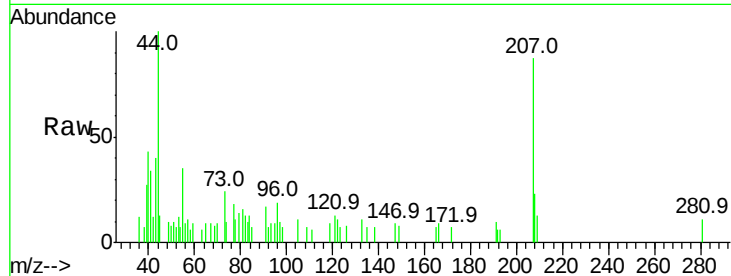




#57  
 Fluorene  
 Concen: 0.007 ng  
 RT: 15.67 min Scan# 2190  
 Delta R.T. -0.01 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

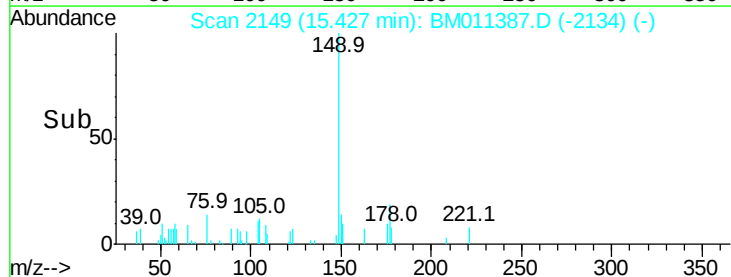
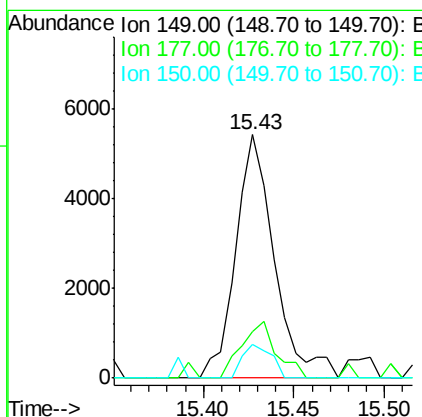
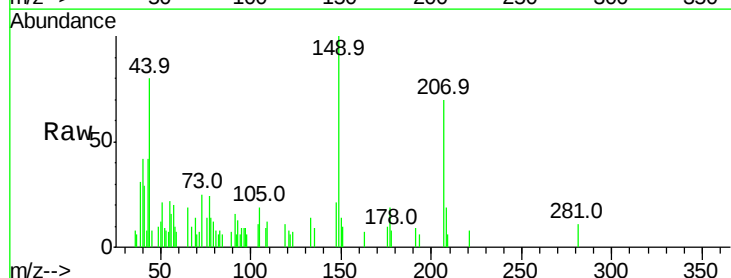
Instrument :  
 BNA\_M  
 ClientSampled :

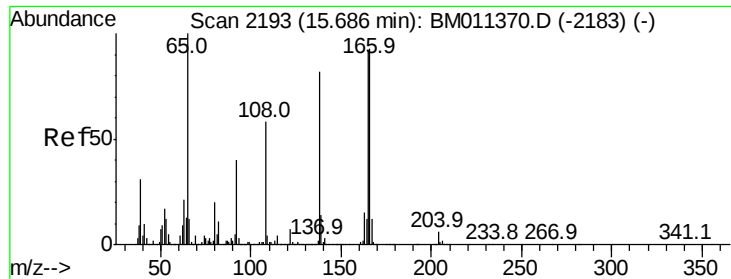
Tot Ion:166 Resp: 680  
 Ion Ratio Lower Upper  
 166 100  
 165 75.2 79.0 118.4#  
 167 0.0 10.3 15.5#



#59  
 Diethylphthalate  
 Concen: 0.080 ng  
 RT: 15.43 min Scan# 2149  
 Delta R.T. -0.01 min  
 Lab File: BM011387.D  
 Acq: 01 Sep 2017 00:21

Tgt Ion:149 Resp: 8062  
 Ion Ratio Lower Upper  
 149 100  
 177 19.3 18.3 27.5  
 150 13.6 9.8 14.8

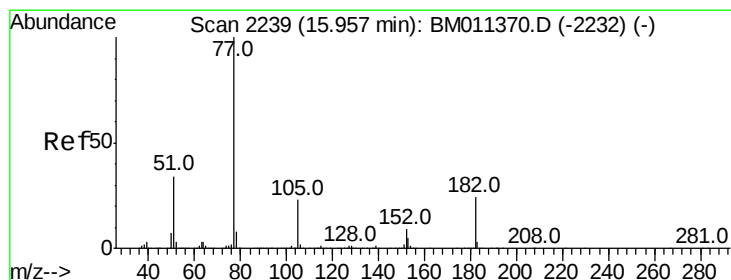
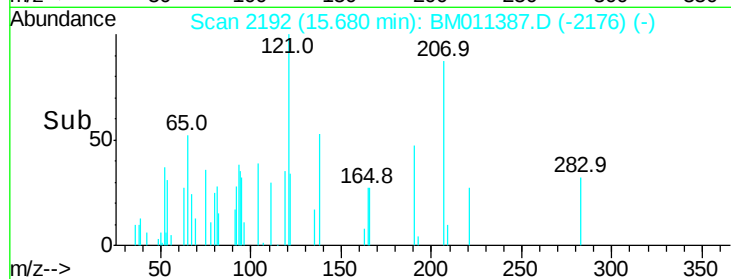
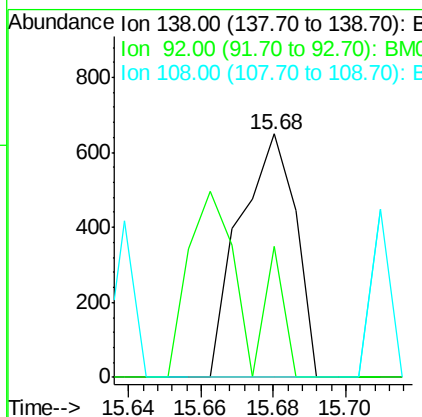
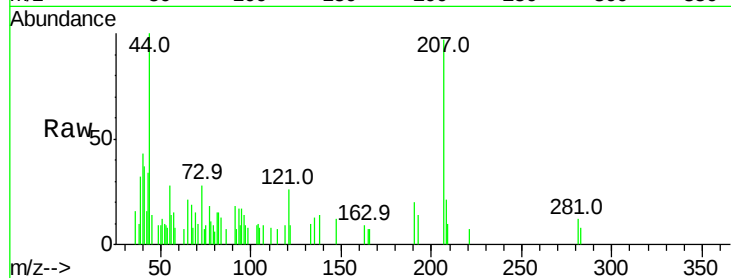




#61  
4-Nitroaniline  
Concen: 0.028 ng  
RT: 15.68 min Scan# 2192  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

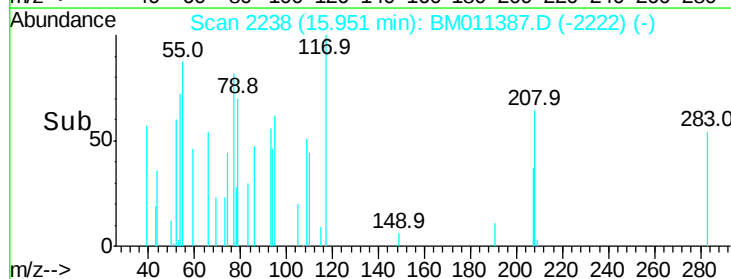
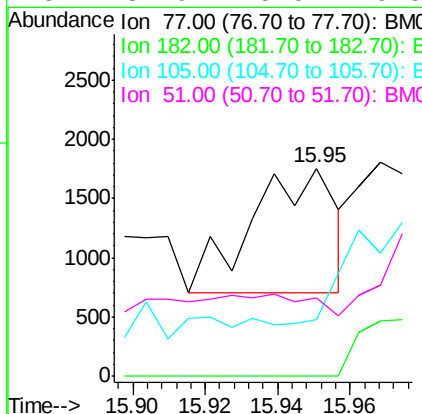
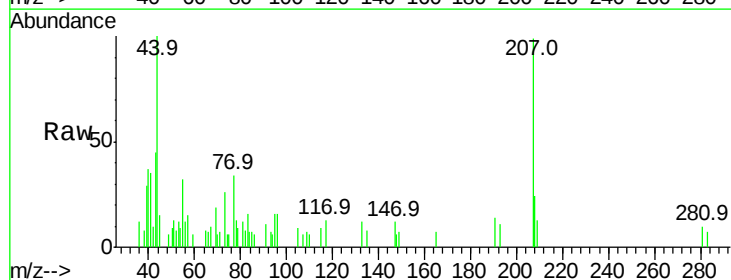
Instrument :  
BNA\_M  
ClientSampled :

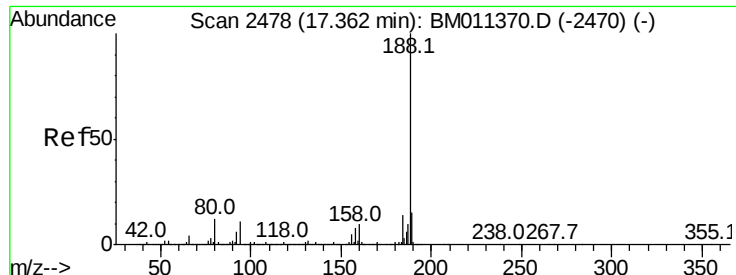
Tot Ion:138 Resp: 693  
Ion Ratio Lower Upper  
138 100  
92 53.6 16.7 56.7  
108 0.0 37.6 77.6#



#62  
Azobenzene  
Concen: 0.019 ng  
RT: 15.95 min Scan# 2238  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion: 77 Resp: 1696  
Ion Ratio Lower Upper  
77 100  
182 0.0 6.5 46.5#  
105 27.4 3.8 43.8  
51 37.9 5.5 45.5

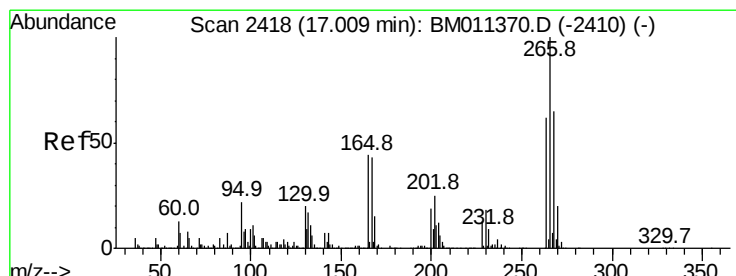
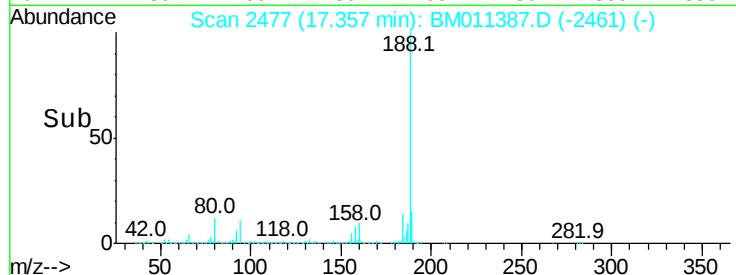
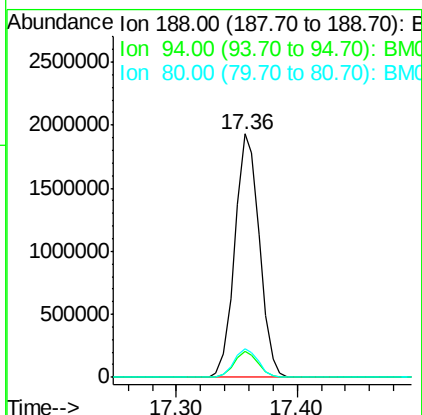
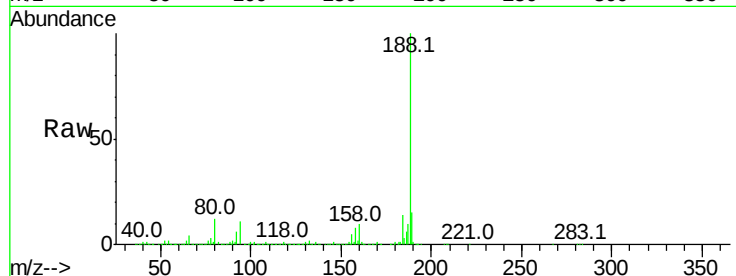




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.36 min Scan# 2477  
Delta R.T. -0.01 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

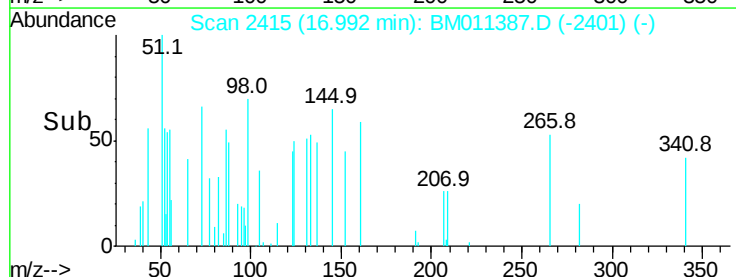
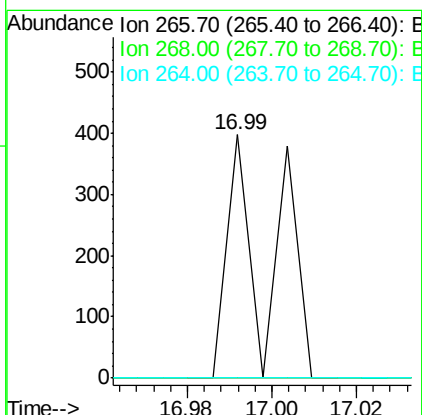
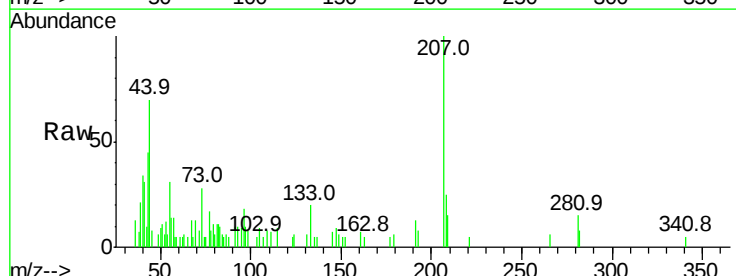
Instrument :  
BNA\_M  
ClientSampled :

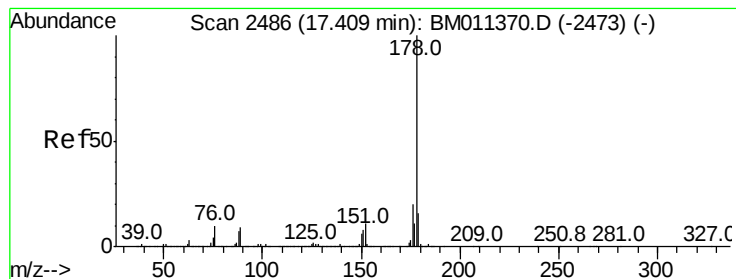
Tot Ion:188 Resp: 2740431  
Ion Ratio Lower Upper  
188 100  
94 10.5 8.7 13.1  
80 11.6 9.3 13.9



#69  
Pentachlorophenol  
Concen: 0.015 ng  
RT: 16.99 min Scan# 2415  
Delta R.T. -0.02 min  
Lab File: BM011387.D  
Acq: 01 Sep 2017 00:21

Tgt Ion:266 Resp: 274  
Ion Ratio Lower Upper  
266 100  
268 0.0 52.0 78.0#  
264 0.0 49.0 73.4#





#70

Phenanthrene

Concen: 0.018 ng

RT: 17.40 min Scan# 2485

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampled :

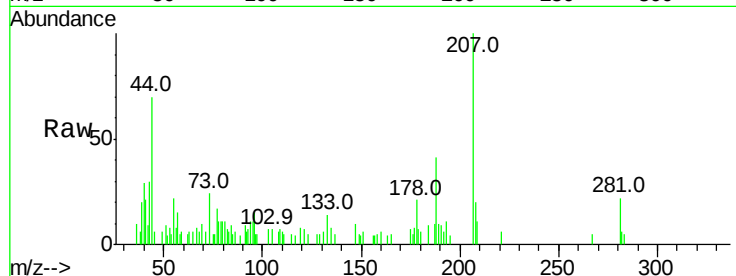
Tot Ion:178 Resp: 2685

Ion Ratio Lower Upper

178 100

176 21.9 15.2 22.8

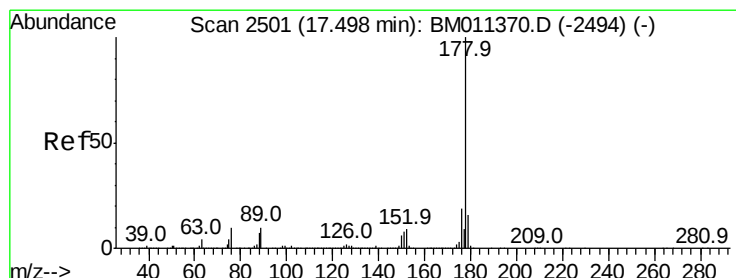
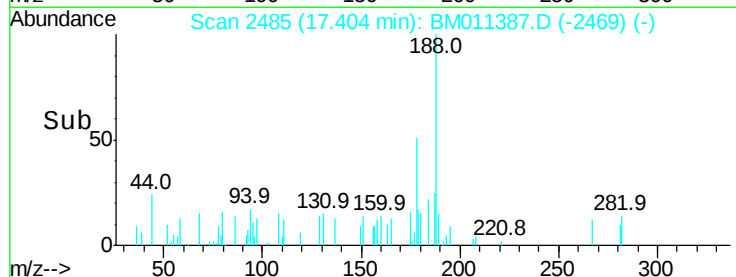
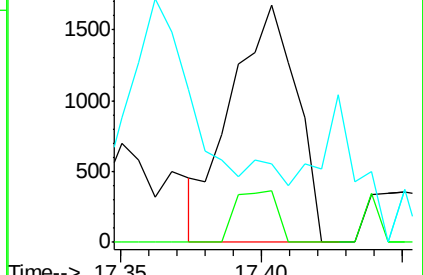
179 33.2 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.013 ng

RT: 17.49 min Scan# 2500

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

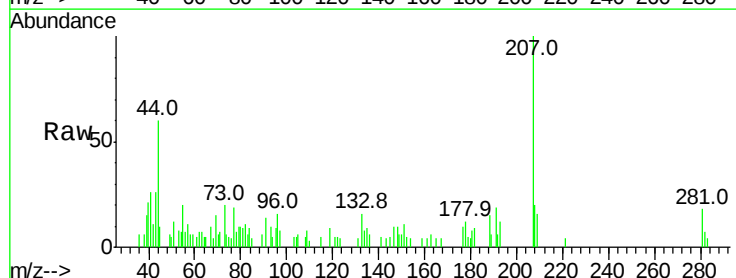
Tgt Ion:178 Resp: 2012

Ion Ratio Lower Upper

178 100

176 0.0 14.6 22.0#

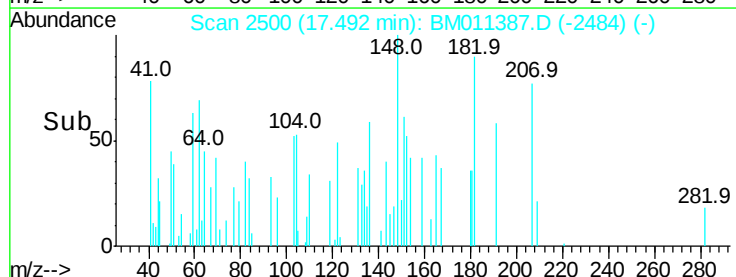
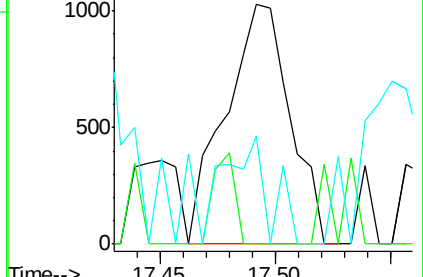
179 45.2 12.6 19.0#

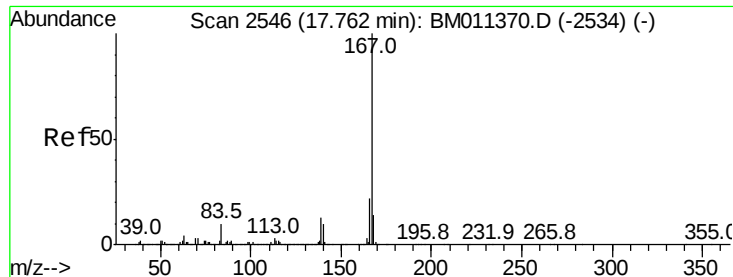


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.008 ng

RT: 17.76 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

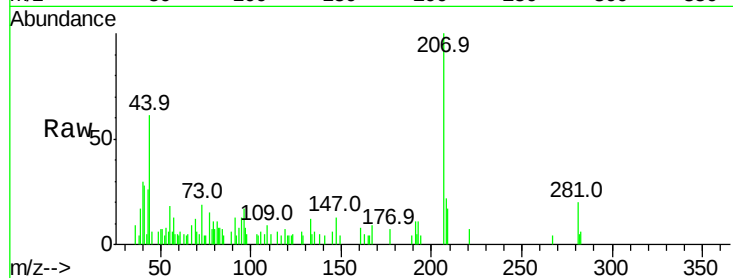
Tot Ion:167 Resp: 1125

Ion Ratio Lower Upper

167 100

166 41.6 17.2 25.8#

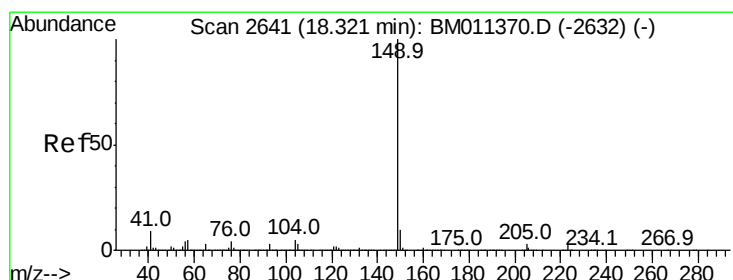
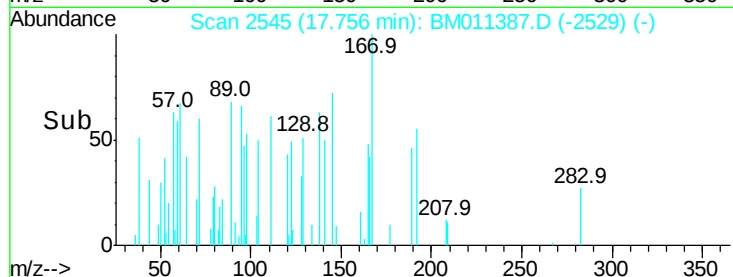
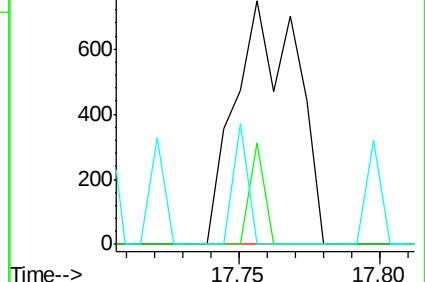
139 0.0 10.8 16.2#



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.138 ng

RT: 18.32 min Scan# 2640

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

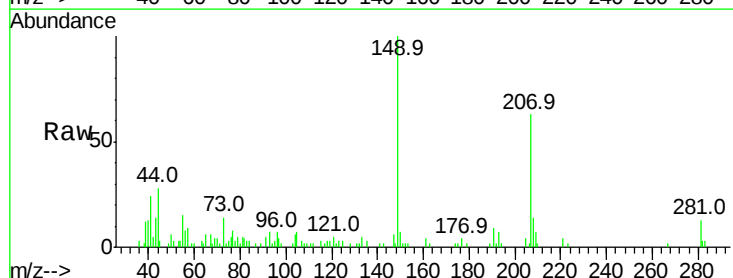
Tgt Ion:149 Resp: 23667

Ion Ratio Lower Upper

149 100

150 7.1 7.5 11.3#

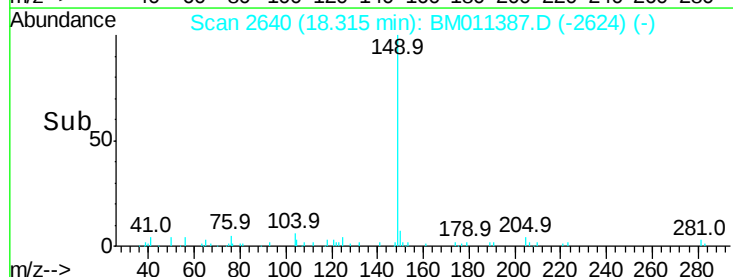
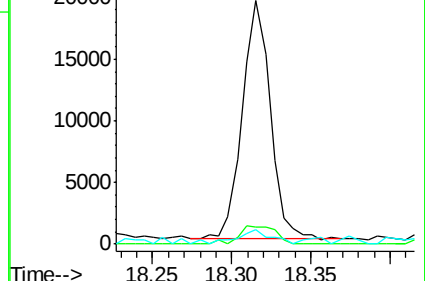
104 5.8 3.7 5.5#

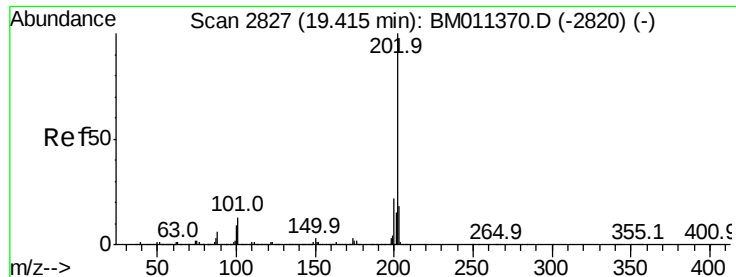


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.014 ng

RT: 19.40 min Scan# 2825

Delta R.T. -0.01 min

Lab File: BM011387.D

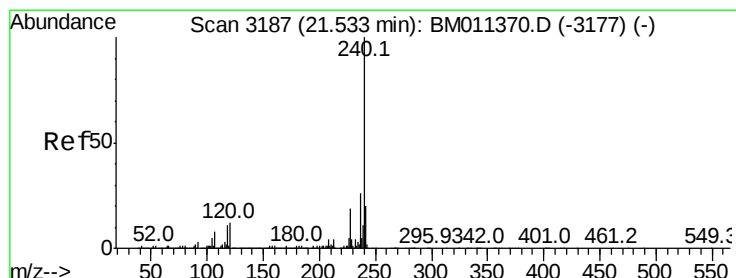
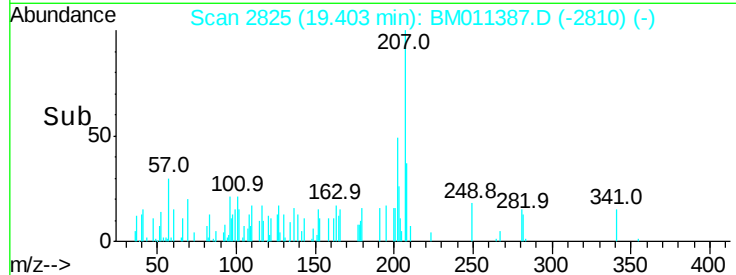
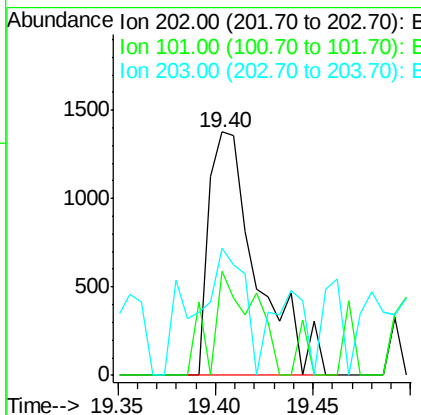
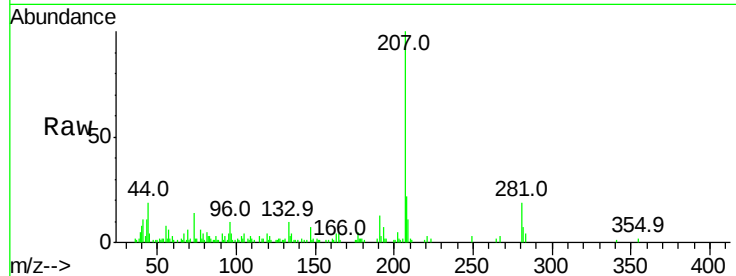
Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 202   | Resp: | 2360  |
| Ion      | Ratio | Lower | Upper |
| 202      | 100   |       |       |
| 101      | 43.0  | 0.0   | 28.7# |
| 203      | 52.4  | 0.0   | 37.2# |



#75

Chrysene-d12

Concen: 20.000 ng

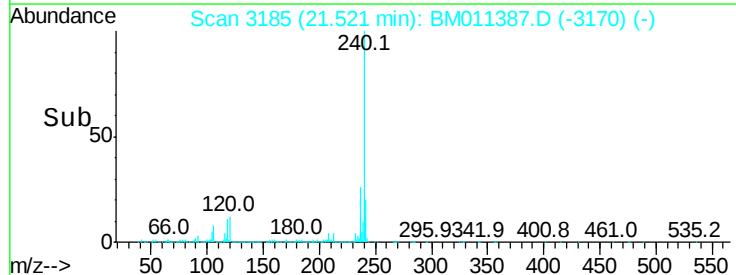
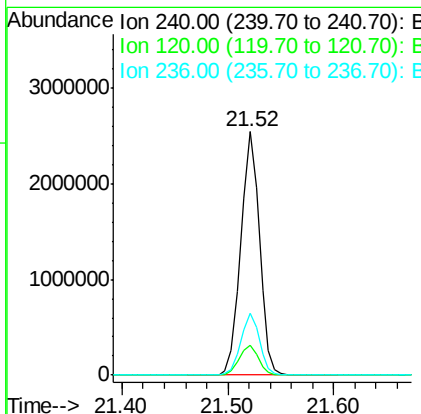
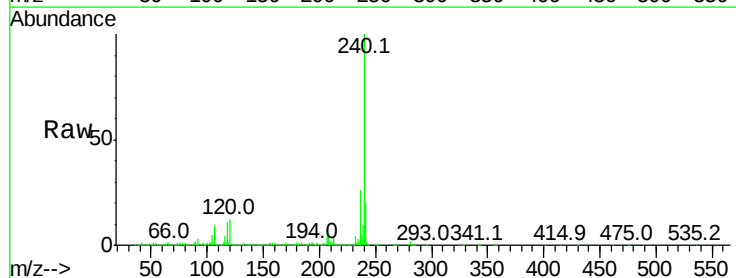
RT: 21.52 min Scan# 3185

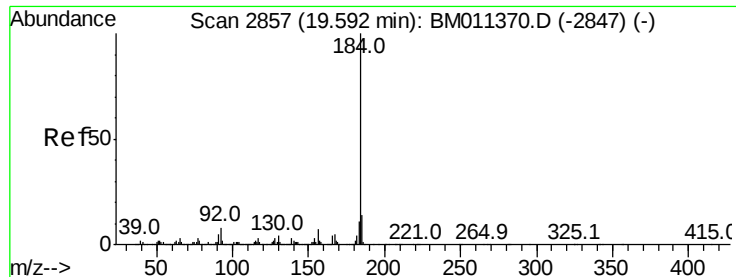
Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 240   | Resp: | 3104488 |
| Ion      | Ratio | Lower | Upper   |
| 240      | 100   |       |         |
| 120      | 12.5  | 8.2   | 12.2#   |
| 236      | 25.7  | 20.0  | 30.0    |





#76

Benzidine

Concen: 0.003 ng

RT: 19.62 min Scan# 2862

Delta R.T. 0.03 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

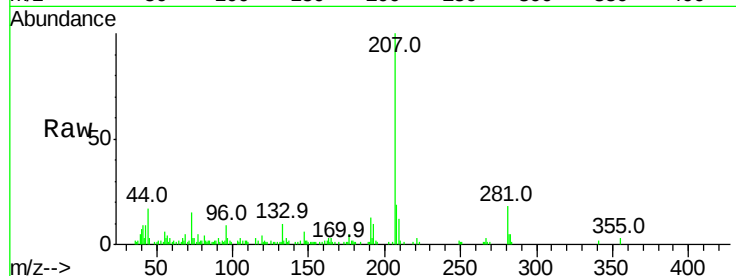
Tot Ion:184 Resp: 166

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

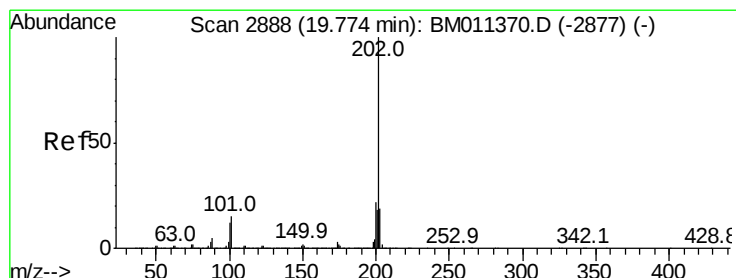
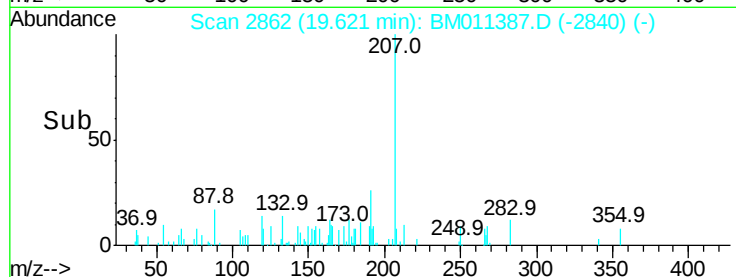
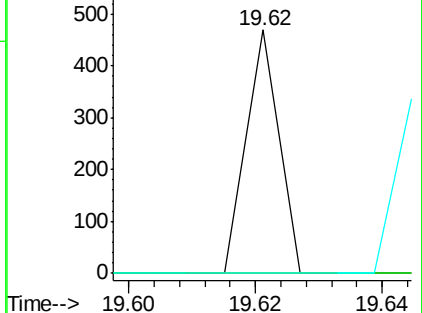
183 0.0 8.9 13.3#



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

Pyrene

Concen: 0.014 ng

RT: 19.77 min Scan# 2887

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

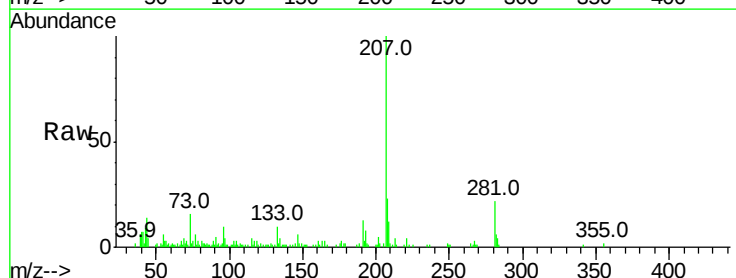
Tgt Ion:202 Resp: 2676

Ion Ratio Lower Upper

202 100

200 24.4 16.9 25.3

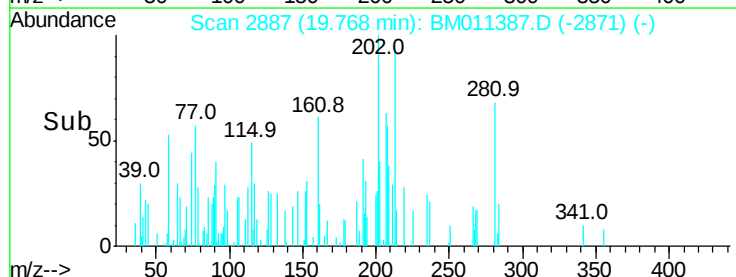
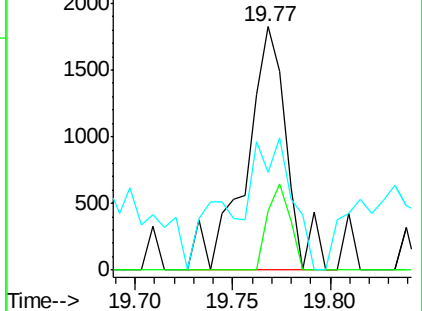
203 40.2 14.1 21.1#

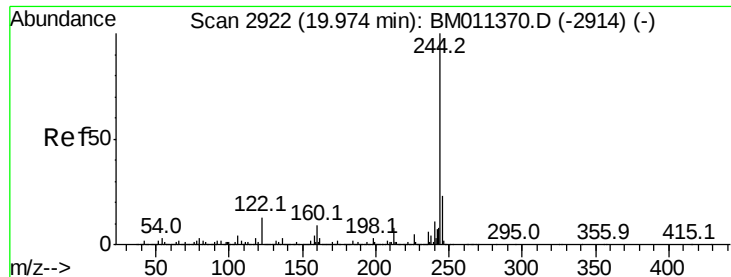


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 87.854 ng

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampled :

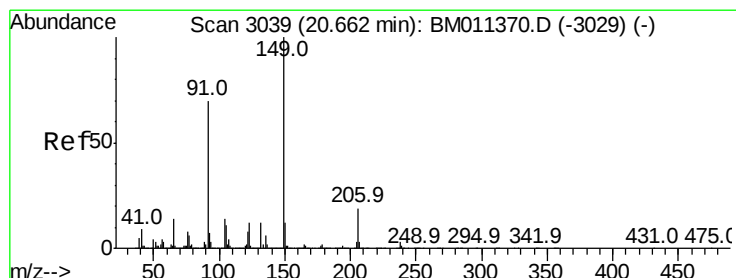
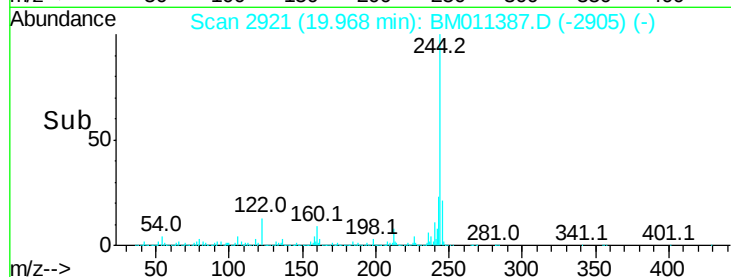
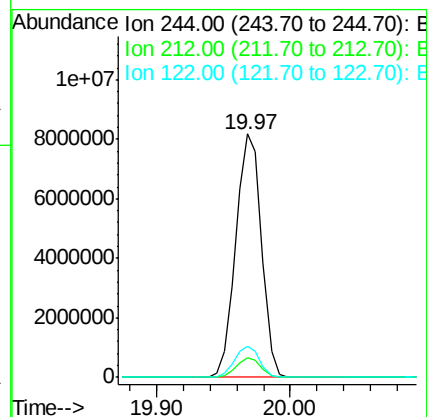
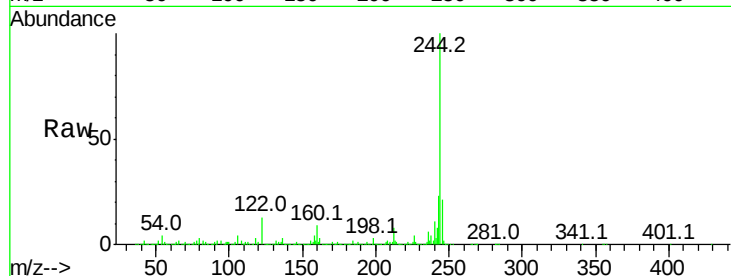
Tot Ion:244 Resp:10992302

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

122 12.7 6.2 9.4#



#79

Butylbenzylphthalate

Concen: 0.024 ng

RT: 20.66 min Scan# 3038

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

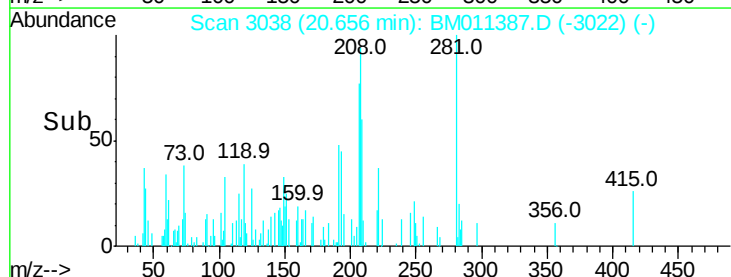
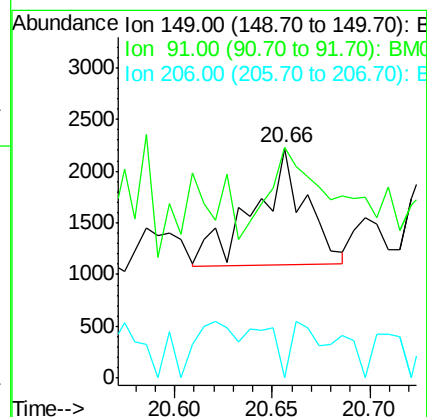
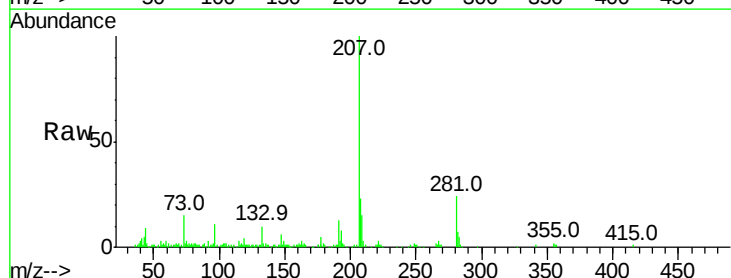
Tgt Ion:149 Resp: 2018

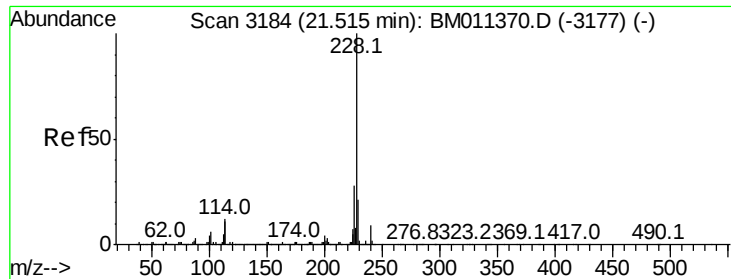
Ion Ratio Lower Upper

149 100

91 100.5 50.1 75.1#

206 0.0 16.2 24.2#





#80

Benzo(a)anthracene

Concen: 0.058 ng

RT: 21.52 min Scan# 3185

Delta R.T. 0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

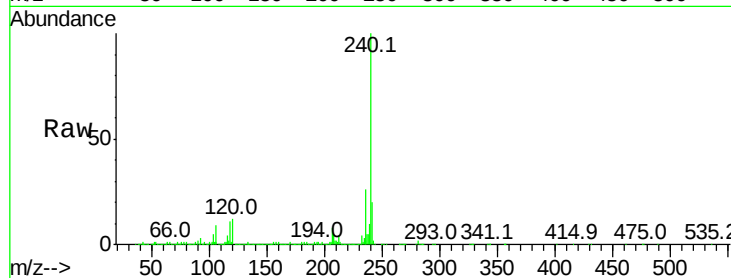
Tot Ion:228 Resp: 10043

Ion Ratio Lower Upper

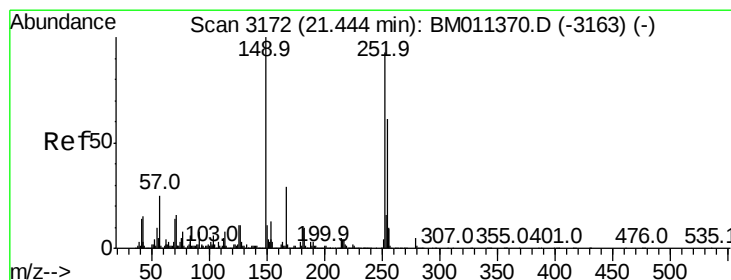
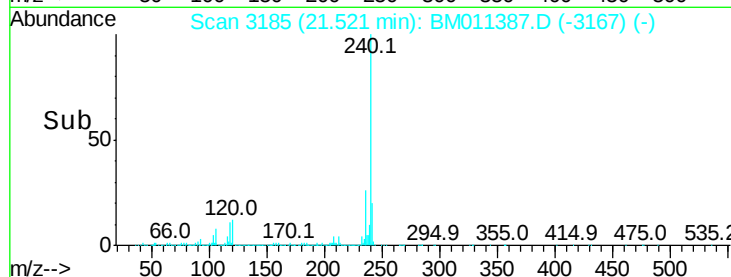
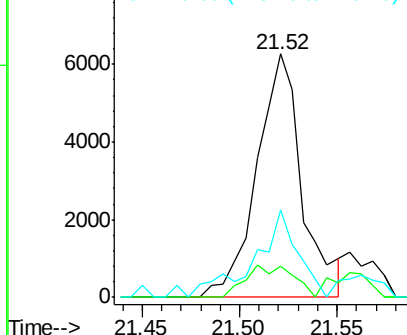
228 100

226 12.8 21.7 32.5#

229 35.7 16.0 24.0#



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



#81

3,3'-Dichlorobenzidine

Concen: 0.006 ng

RT: 21.42 min Scan# 3167

Delta R.T. -0.03 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

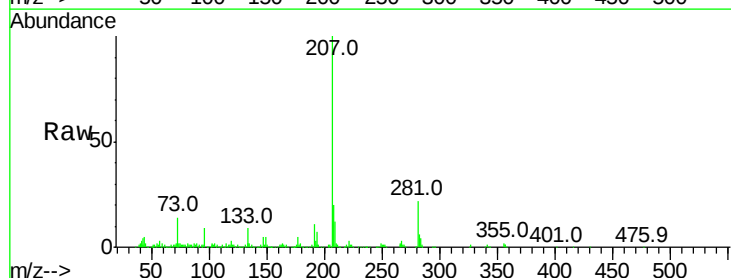
Tgt Ion:252 Resp: 419

Ion Ratio Lower Upper

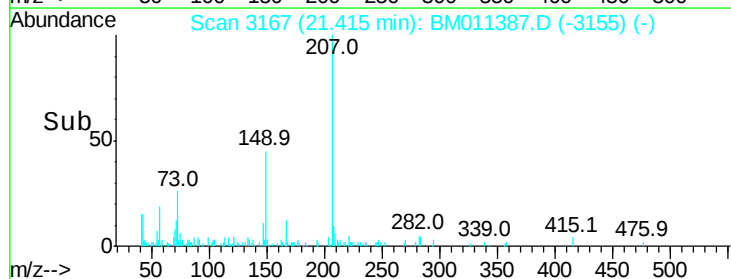
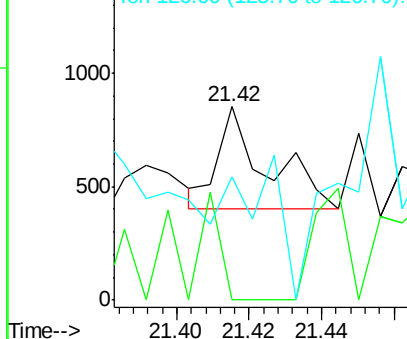
252 100

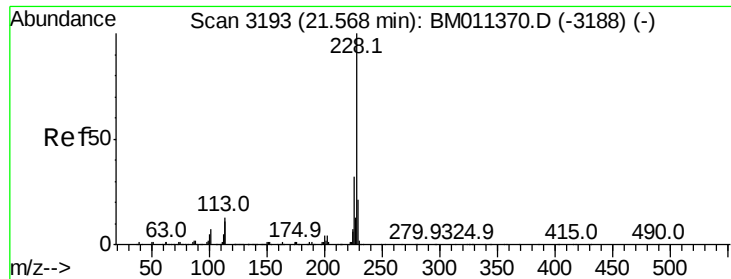
254 0.0 51.9 77.9#

126 63.5 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E  
Ion 254.00 (253.70 to 254.70): E  
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.061 ng

RT: 21.52 min Scan# 3185

Delta R.T. -0.05 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

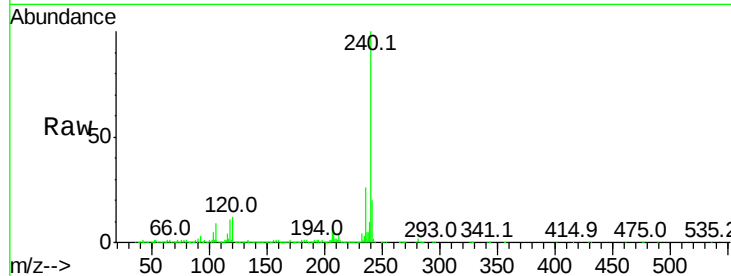
Tot Ion:228 Resp: 10043

Ion Ratio Lower Upper

228 100

226 12.8 24.1 36.1#

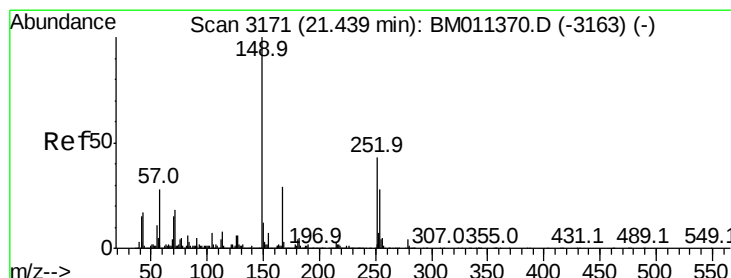
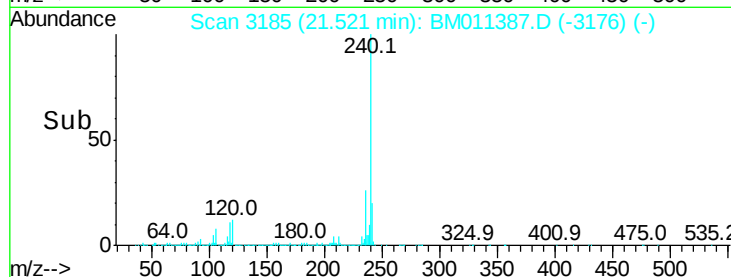
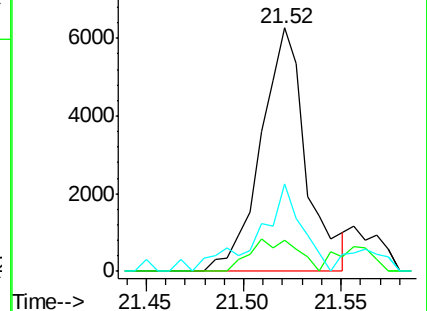
229 35.7 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.227 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

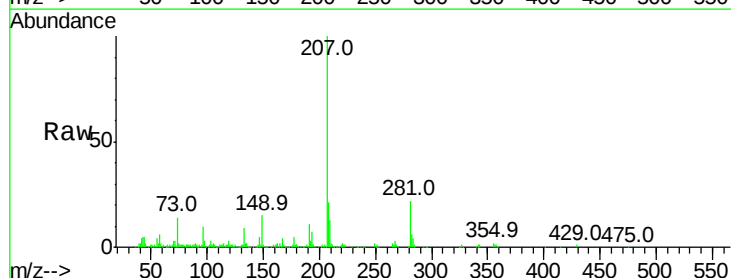
Tgt Ion:149 Resp: 27942

Ion Ratio Lower Upper

149 100

167 29.0 22.4 33.6

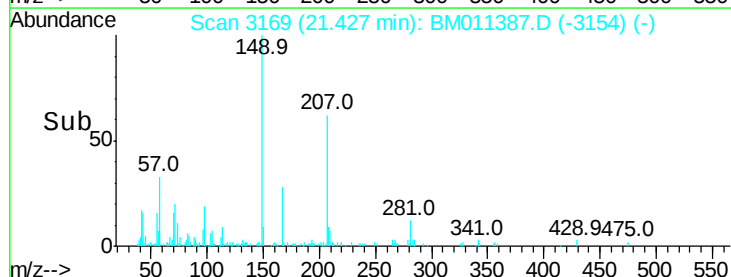
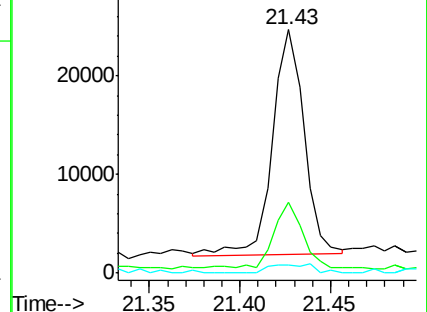
279 3.2 3.4 5.0#

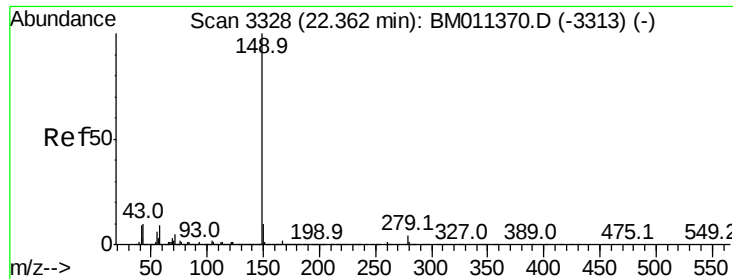


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.006 ng

RT: 22.36 min Scan# 3327

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

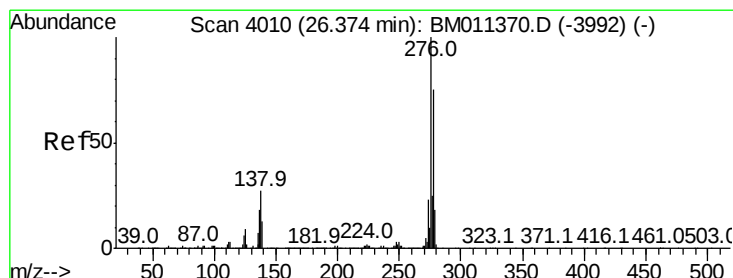
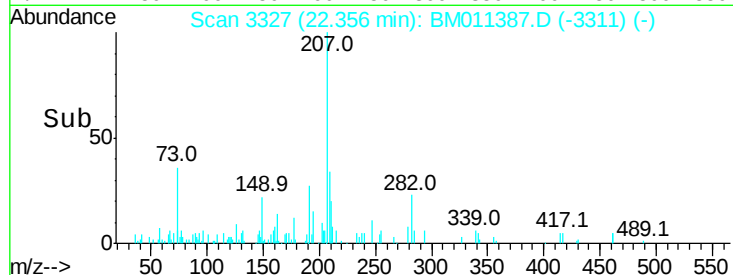
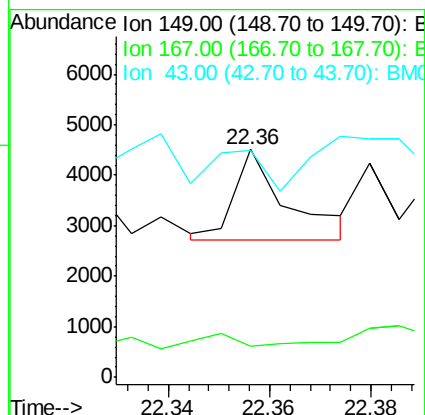
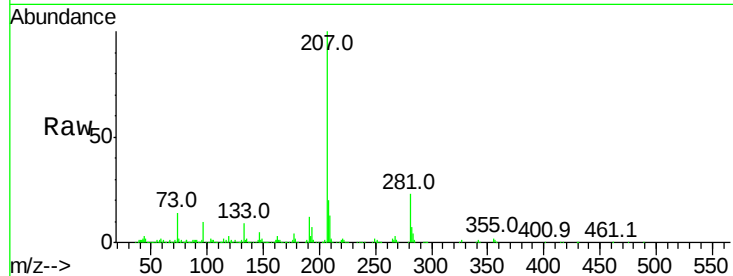
Tot Ion:149 Resp: 1316

Ion Ratio Lower Upper

149 100

167 29.5 1.2 1.8#

43 44.8 7.3 10.9#



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.002 ng

RT: 26.34 min Scan# 4004

Delta R.T. -0.04 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

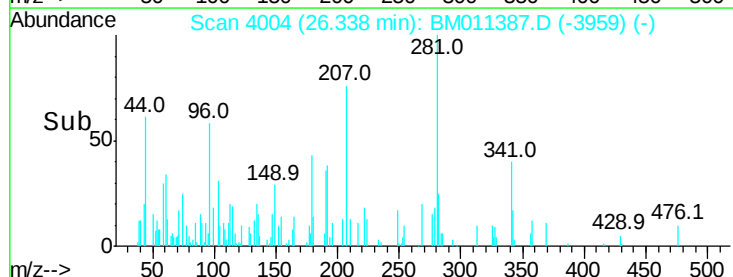
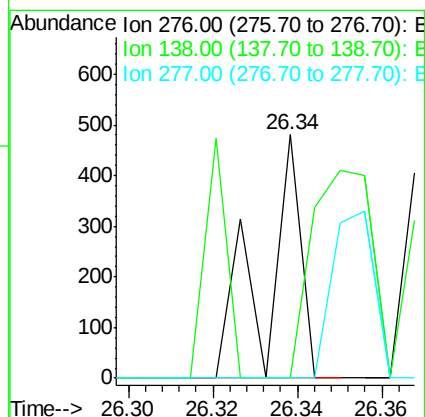
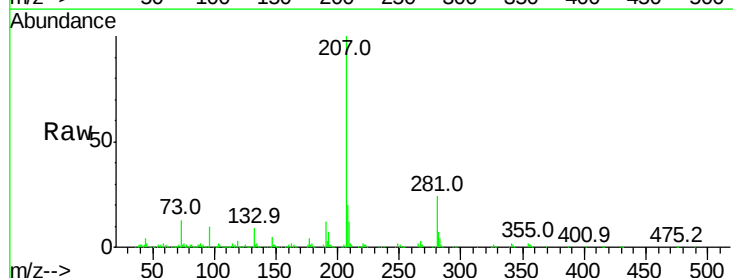
Tgt Ion:276 Resp: 281

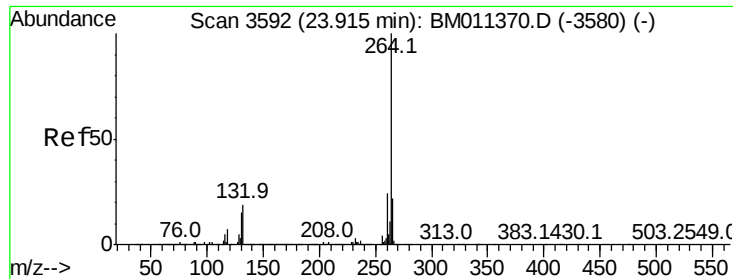
Ion Ratio Lower Upper

276 100

138 144.1 12.0 18.0#

277 80.1 20.0 30.0#





#86

Pervlene-d12

Concen: 20.000 ng

RT: 23.90 min Scan# 3590

Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

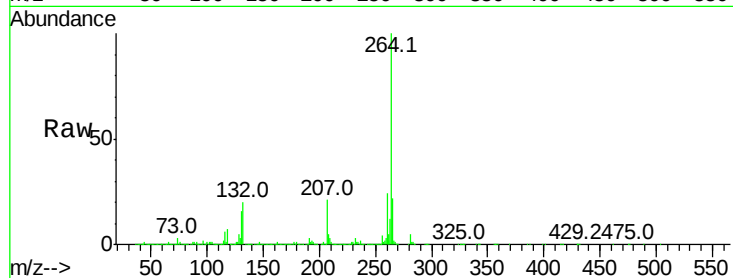
Instrument :

BNA\_M

ClientSampleId :

Tot Ion:264 Resp: 2839429

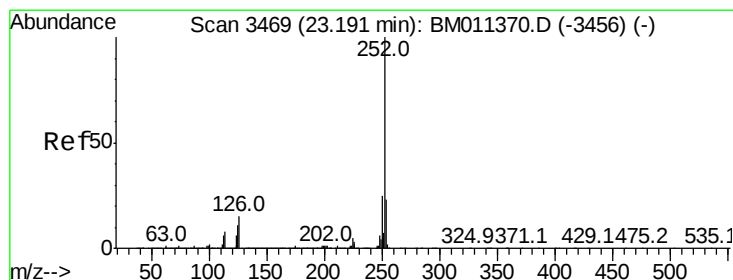
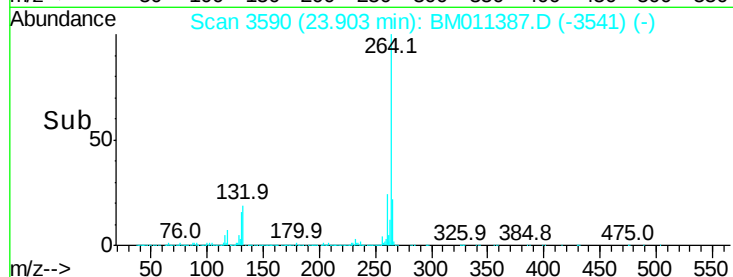
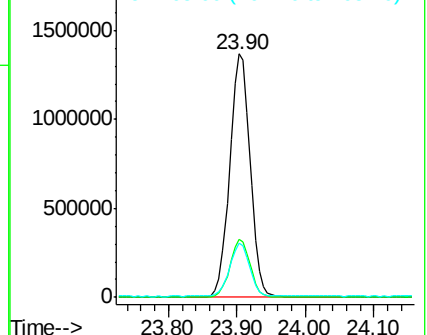
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.7  | 18.6  | 27.8  |
| 265 | 22.2  | 17.3  | 25.9  |



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 0.015 ng

RT: 23.18 min Scan# 3467

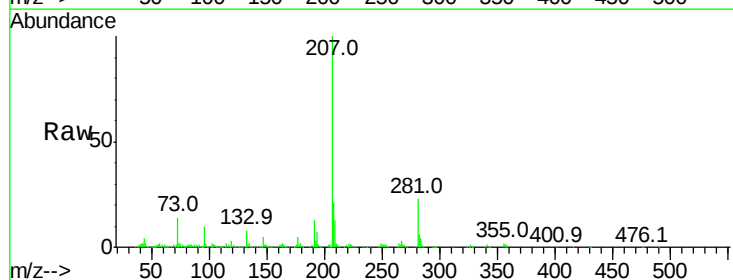
Delta R.T. -0.01 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Tgt Ion:252 Resp: 2535

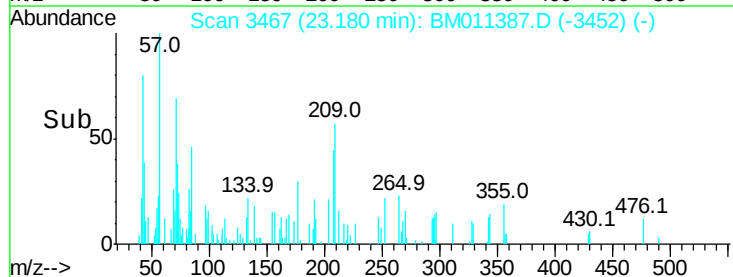
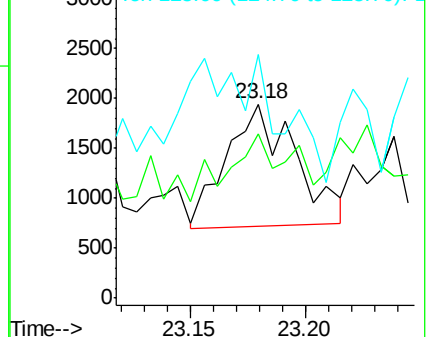
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 84.5  | 18.0  | 27.0# |
| 125 | 125.3 | 9.9   | 14.9# |

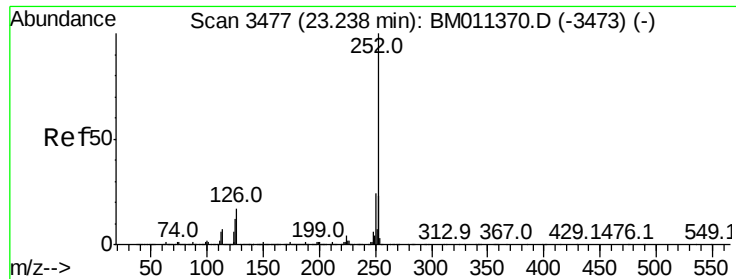


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 0.007 ng

RT: 23.24 min Scan# 3477

Delta R.T. 0.00 min

Lab File: BM011387.D

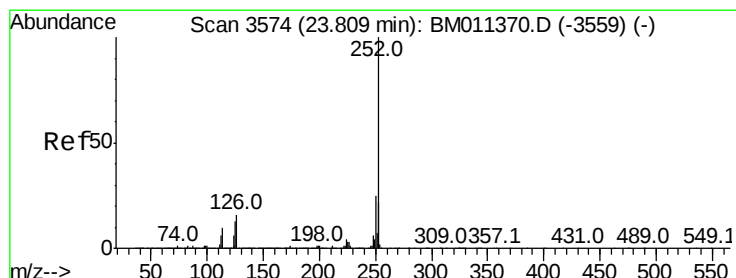
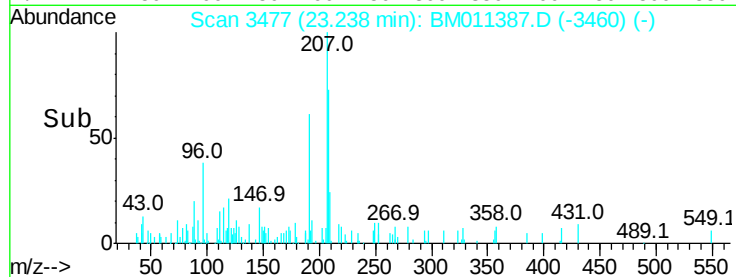
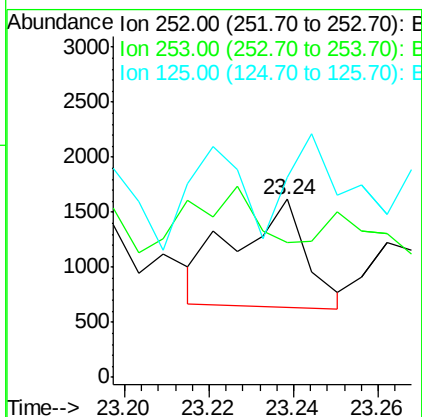
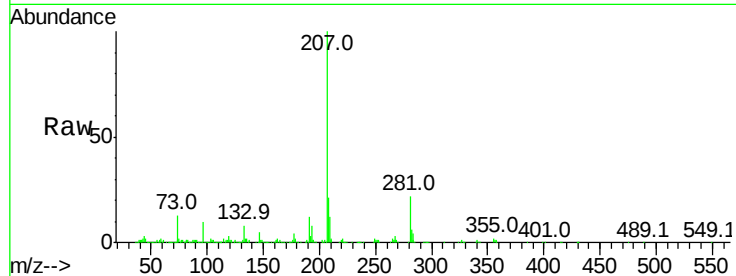
Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 252   | Resp: | 1153  |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 75.6  | 17.2  | 25.8# |
| 125      | 112.3 | 8.1   | 12.1# |



#89

Benzo(a)pyrene

Concen: 0.005 ng

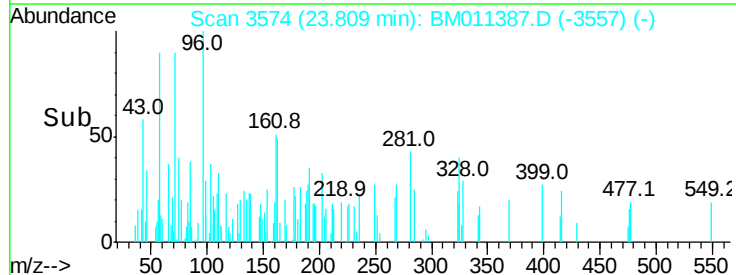
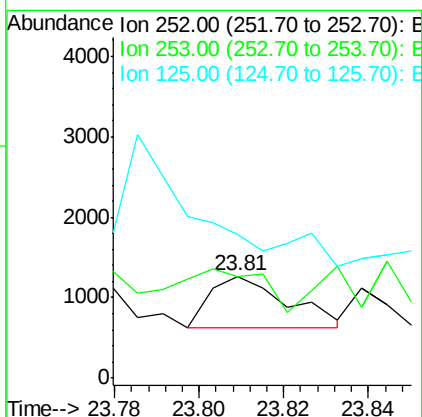
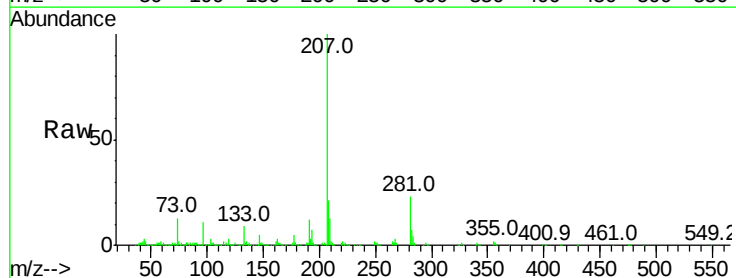
RT: 23.81 min Scan# 3574

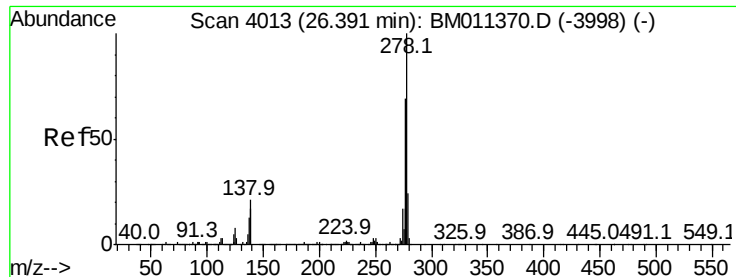
Delta R.T. 0.00 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 252   | Resp: | 813   |
| Ion      | Ratio | Lower | Upper |
| 252      | 100   |       |       |
| 253      | 100.0 | 17.6  | 26.4# |
| 125      | 140.3 | 7.4   | 11.2# |





#90

Dibenzo(a,h)anthracene

Concen: 0.001 ng

RT: 26.36 min Scan# 4008

Delta R.T. -0.03 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

Instrument :

BNA\_M

ClientSampleId :

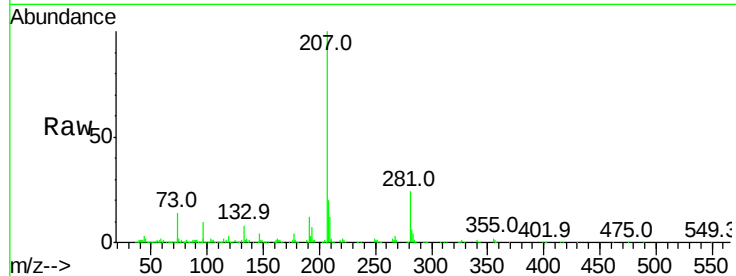
Tot Ion:278 Resp: 116

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 163.6 19.0 28.4#



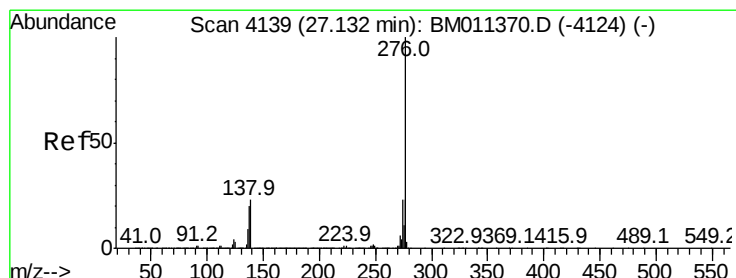
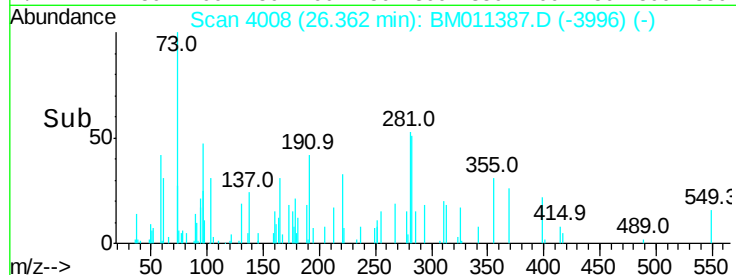
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

26.36

Time-->



#91

Benzo(g,h,i)perylene

Concen: 0.002 ng

RT: 27.11 min Scan# 4135

Delta R.T. -0.02 min

Lab File: BM011387.D

Acq: 01 Sep 2017 00:21

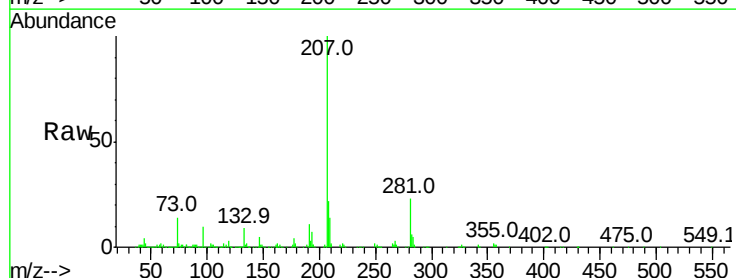
Tgt Ion:276 Resp: 239

Ion Ratio Lower Upper

276 100

277 0.0 18.5 27.7#

138 133.1 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

27.11

Time-->

