

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM090717\  
 Data File : BM011462.D  
 Acq On : 07 Sep 2017 19:40  
 Operator : SJ/JU  
 Sample : I5105-03MS  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

Quant Time: Sep 08 07:49:11 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Thu Aug 31 18:39:59 2017  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.98  | 152  | 468912   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.79 | 136  | 2071051  | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.61 | 164  | 1153362  | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 17.35 | 188  | 2529581  | 20.00 | ng    | -0.01    |
| 75) Chrysene-d12          | 21.52 | 240  | 3075309  | 20.00 | ng    | -0.02    |
| 86) Perylene-d12          | 23.89 | 264  | 2823973  | 20.00 | ng    | -0.02    |

## System Monitoring Compounds

|                          |       |     |          |        |    |       |
|--------------------------|-------|-----|----------|--------|----|-------|
| 5) 2-Fluorophenol        | 5.55  | 112 | 4229501  | 151.83 | ng | 0.00  |
| 7) Phenol-d6             | 7.14  | 99  | 5195125  | 134.49 | ng | 0.00  |
| 23) Nitrobenzene-d5      | 9.15  | 82  | 3340773  | 106.30 | ng | -0.01 |
| 41) 2,4,6-Tribromophenol | 16.10 | 330 | 2090225  | 156.64 | ng | -0.01 |
| 44) 2-Fluorobiphenyl     | 13.23 | 172 | 7769904  | 97.11  | ng | -0.02 |
| 78) Terphenyl-d14        | 19.96 | 244 | 11002566 | 88.77  | ng | -0.02 |

## Target Compounds

|                                |       |     |         |         |    | Qvalue |
|--------------------------------|-------|-----|---------|---------|----|--------|
| 2) 1,4-Dioxane                 | 3.44  | 88  | 377765  | 32.537  | ng | # 100  |
| 3) Pyridine                    | 3.85  | 79  | 1086577 | 30.560  | ng | # 76   |
| 4) n-Nitrosodimethylamine      | 3.75  | 42  | 778684  | 42.891  | ng | # 64   |
| 6) Aniline                     | 7.33  | 93  | 504771  | 9.622   | ng | 93     |
| 8) 2-Chlorophenol              | 7.55  | 128 | 1453949 | 44.272  | ng | 88     |
| 9) Benzaldehyde                | 7.12  | 77  | 249523  | 11.113  | ng | 93     |
| 10) Phenol                     | 7.16  | 94  | 1681322 | 39.593  | ng | # 77   |
| 11) bis(2-Chloroethyl)ether    | 7.40  | 93  | 1591637 | 46.895  | ng | 85     |
| 12) 1,3-Dichlorobenzene        | 7.87  | 146 | 1437176 | 38.431  | ng | 97     |
| 13) 1,4-Dichlorobenzene        | 8.02  | 146 | 1479913 | 38.913  | ng | 97     |
| 14) 1,2-Dichlorobenzene        | 8.33  | 146 | 1450501 | 39.405  | ng | 98     |
| 15) Benzyl Alcohol             | 8.22  | 79  | 1126641 | 40.341  | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.50  | 45  | 2532096 | 44.613  | ng | 92     |
| 17) 2-Methylphenol             | 8.42  | 107 | 1231534 | 45.292  | ng | 97     |
| 18) Hexachloroethane           | 9.06  | 117 | 516039  | 39.636  | ng | 95     |
| 19) n-Nitroso-di-n-propylamine | 8.79  | 70  | 1177135 | 41.504  | ng | # 84   |
| 20) 3+4-Methylphenols          | 8.75  | 107 | 1635386 | 43.348  | ng | 98     |
| 22) Acetophenone               | 8.80  | 105 | 2197802 | 42.707  | ng | # 90   |
| 24) Nitrobenzene               | 9.19  | 77  | 1636958 | 47.269  | ng | 95     |
| 25) Isophorone                 | 9.71  | 82  | 3076490 | 43.688  | ng | 93     |
| 26) 2-Nitrophenol              | 9.90  | 139 | 664086  | 44.595  | ng | # 80   |
| 27) 2,4-Dimethylphenol         | 9.95  | 122 | 1394864 | 42.481  | ng | 96     |
| 28) bis(2-Chloroethoxy)methane | 10.19 | 93  | 2054658 | 42.757  | ng | 99     |
| 29) 2,4-Dichlorophenol         | 10.43 | 162 | 1401037 | 45.606  | ng | 98     |
| 30) 1,2,4-Trichlorobenzene     | 10.65 | 180 | 1364038 | 40.110  | ng | 99     |
| 31) Naphthalene                | 10.84 | 128 | 4700932 | 42.041  | ng | 99     |
| 32) Benzoic acid               | 10.08 | 122 | 696008  | 33.515  | ng | 97     |
| 33) 4-Chloroaniline            | 11.00 | 127 | 752081  | 15.375  | ng | # 90   |
| 34) Hexachlorobutadiene        | 11.12 | 225 | 753766  | 38.901  | ng | 98     |
| 35) Caprolactam                | 11.75 | 113 | 167570  | 15.146  | ng | # 57   |
| 36) 4-Chloro-3-methylphenol    | 12.06 | 107 | 1492697 | 41.370  | ng | 89     |
| 37) 2-Methylnaphthalene        | 12.44 | 142 | 3437920 | 44.173  | ng | 97     |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.80 | 216 | 1495057 | 43.075  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.79 | 237 | 1809683 | 113.737 | ng | 98     |

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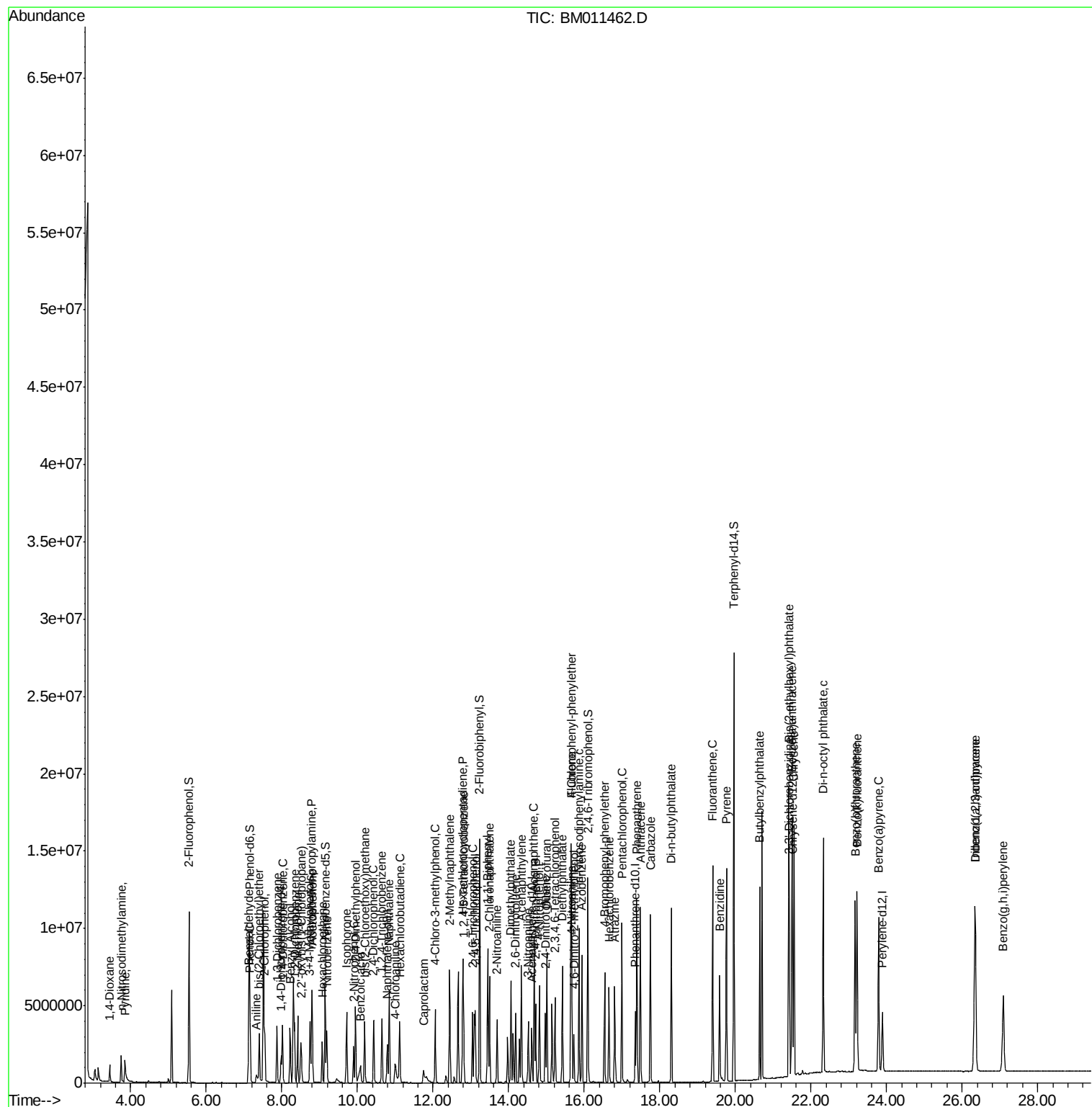
| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 13.05 | 196  | 1012873  | 44.085 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 13.12 | 196  | 1098085  | 47.060 | ng    | # 89     |
| 45) 1,1'-Biphenyl              | 13.45 | 154  | 4251357  | 41.520 | ng    | 96       |
| 46) 2-Chloronaphthalene        | 13.49 | 162  | 3188571  | 41.920 | ng    | 95       |
| 47) 2-Nitroaniline             | 13.69 | 65   | 1140300  | 47.334 | ng    | # 79     |
| 48) Acenaphthylene             | 14.33 | 152  | 5204054  | 43.910 | ng    | 99       |
| 49) Dimethylphthalate          | 14.06 | 163  | 3971210  | 43.332 | ng    | 99       |
| 50) 2,6-Dinitrotoluene         | 14.19 | 165  | 815532   | 46.997 | ng    | # 90     |
| 51) Acenaphthene               | 14.67 | 154  | 3273596  | 42.537 | ng    | 100      |
| 52) 3-Nitroaniline             | 14.52 | 138  | 910583   | 40.399 | ng    | 82       |
| 53) 2,4-Dinitrophenol          | 14.72 | 184  | 848693   | 98.019 | ng    | 96       |
| 54) Dibenzofuran               | 15.01 | 168  | 5023309  | 47.337 | ng    | 96       |
| 55) 4-Nitrophenol              | 14.82 | 139  | 1455196  | 82.959 | ng    | # 50     |
| 56) 2,4-Dinitrotoluene         | 14.97 | 165  | 1132301  | 46.392 | ng    | 84       |
| 57) Fluorene                   | 15.66 | 166  | 4249565  | 45.934 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.23 | 232  | 972093   | 51.484 | ng    | # 100    |
| 59) Diethylphthalate           | 15.42 | 149  | 4153091  | 43.983 | ng    | 98       |
| 60) 4-Chlorophenyl-phenylether | 15.65 | 204  | 1973399  | 45.730 | ng    | 95       |
| 61) 4-Nitroaniline             | 15.67 | 138  | 1018596  | 43.473 | ng    | 82       |
| 62) Azobenzene                 | 15.94 | 77   | 4316888  | 50.728 | ng    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.73 | 198  | 538886   | 52.659 | ng    | 86       |
| 65) n-Nitrosodiphenylamine     | 15.86 | 169  | 3561446  | 44.681 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.54 | 248  | 1177104  | 44.239 | ng    | # 90     |
| 67) Hexachlorobenzene          | 16.66 | 284  | 1245886  | 39.900 | ng    | # 88     |
| 68) Atrazine                   | 16.80 | 200  | 1107327  | 47.401 | ng    | 98       |
| 69) Pentachlorophenol          | 17.00 | 266  | 1658253  | 96.736 | ng    | 98       |
| 70) Phenanthrene               | 17.39 | 178  | 6686726  | 47.466 | ng    | 98       |
| 71) Anthracene                 | 17.49 | 178  | 6747916  | 47.636 | ng    | 99       |
| 72) Carbazole                  | 17.75 | 167  | 6338714  | 46.433 | ng    | 99       |
| 73) Di-n-butylphthalate        | 18.30 | 149  | 7497984  | 47.276 | ng    | 100      |
| 74) Fluoranthene               | 19.40 | 202  | 7651367  | 47.600 | ng    | 94       |
| 76) Benzidine                  | 19.58 | 184  | 3888594  | 64.067 | ng    | 100      |
| 77) Pyrene                     | 19.76 | 202  | 8126406  | 43.122 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.64 | 149  | 3658657  | 43.947 | ng    | 92       |
| 80) Benzo(a)anthracene         | 21.50 | 228  | 7929949  | 46.104 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 21.43 | 252  | 2162973  | 33.123 | ng    | 99       |
| 82) Chrysene                   | 21.55 | 228  | 7333672  | 45.237 | ng    | 97       |
| 83) Bis(2-ethylhexyl)phthalate | 21.41 | 149  | 5575558  | 45.682 | ng    | # 99     |
| 84) Di-n-octyl phthalate       | 22.33 | 149  | 9698259  | 47.137 | ng    | # 94     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.34 | 276  | 7796463  | 51.555 | ng    | # 88     |
| 87) Benzo(b)fluoranthene       | 23.17 | 252  | 7934158  | 45.763 | ng    | 99       |
| 88) Benzo(k)fluoranthene       | 23.22 | 252  | 7839357  | 47.160 | ng    | 97       |
| 89) Benzo(a)pyrene             | 23.79 | 252  | 7526527  | 48.131 | ng    | # 97     |
| 90) Dibenzo(a,h)anthracene     | 26.35 | 278  | 6496700  | 48.545 | ng    | 99       |
| 91) Benzo(g,h,i)perylene       | 27.09 | 276  | 6005628  | 46.434 | ng    | 99       |

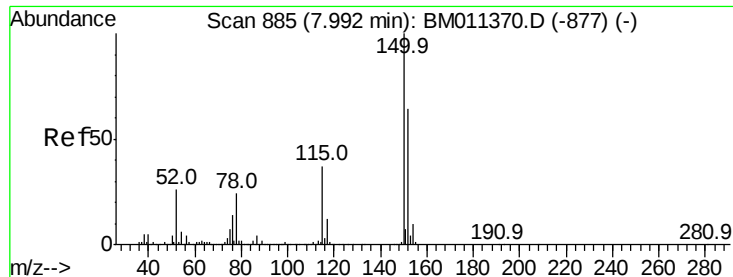
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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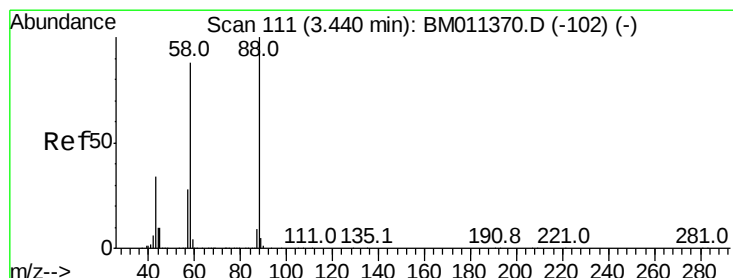
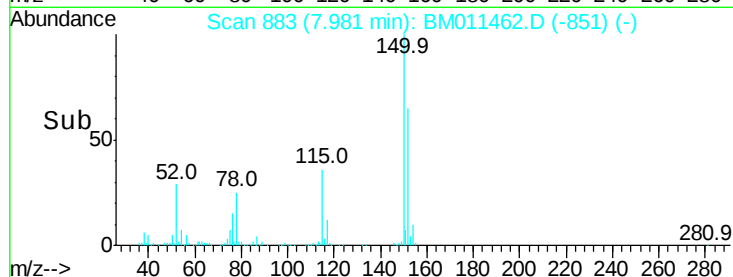
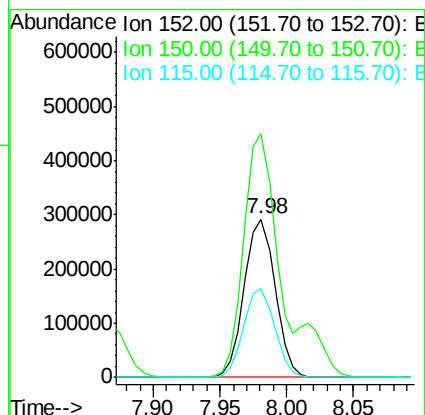
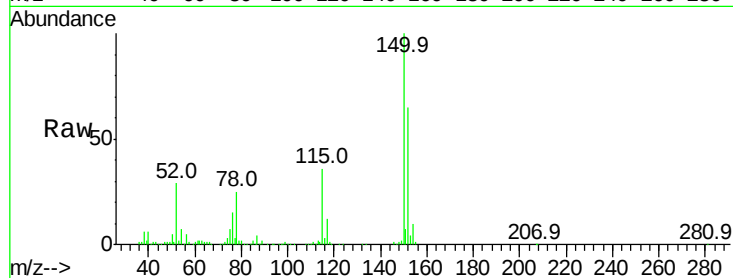


#1

1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.98 min Scan# 883  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

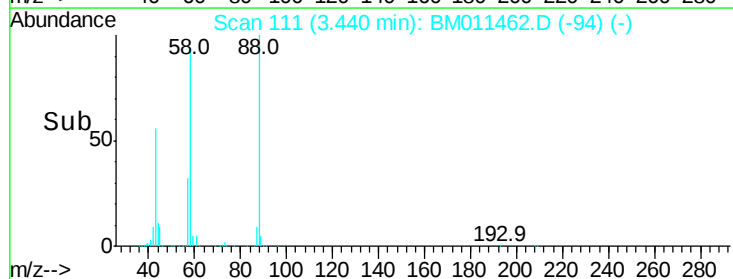
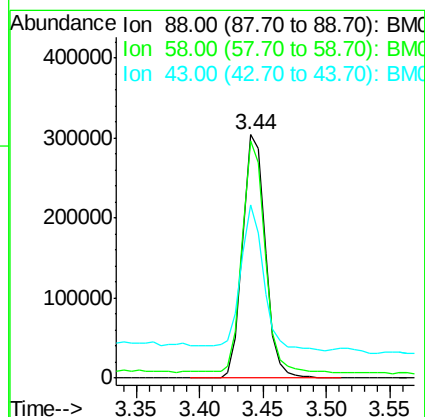
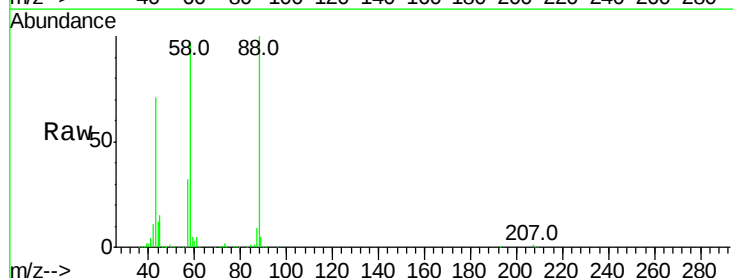
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Ion Ratio Lower Upper  
152 100  
150 153.7 119.5 179.3  
115 55.7 43.0 64.4

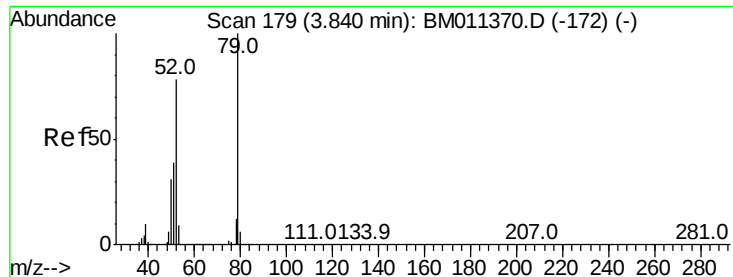


#2

1,4-Dioxane  
Concen: 32.537 ng  
RT: 3.44 min Scan# 111  
Delta R.T. 0.00 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion: 88 Resp: 377765  
Ion Ratio Lower Upper  
88 100  
58 94.5 0.0 0.0#  
43 60.4 0.0 0.0#





#3

Pvridine

Concen: 30.560 ng

RT: 3.85 min Scan# 180

Delta R.T. 0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

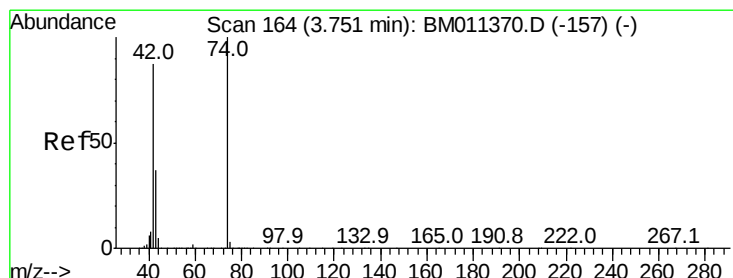
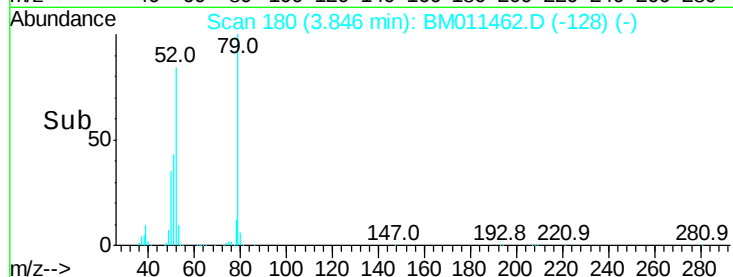
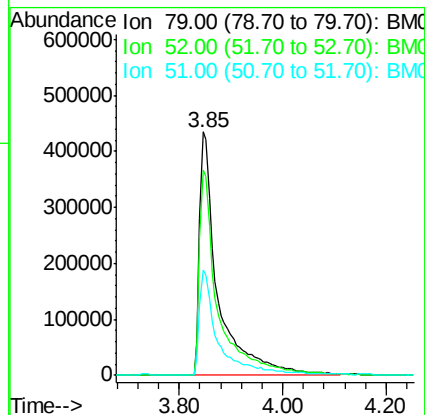
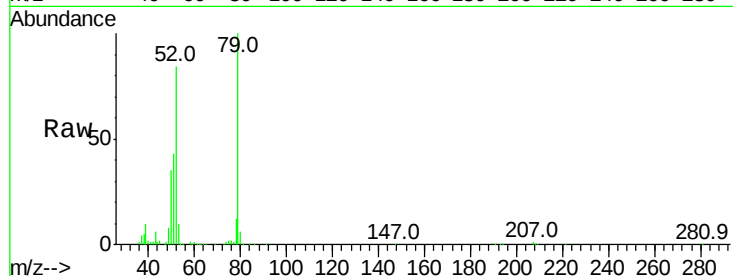
Tot Ion: 79 Resp: 1086577

Ion Ratio Lower Upper

79 100

52 84.3 51.1 76.7#

51 43.5 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 42.891 ng

RT: 3.75 min Scan# 163

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

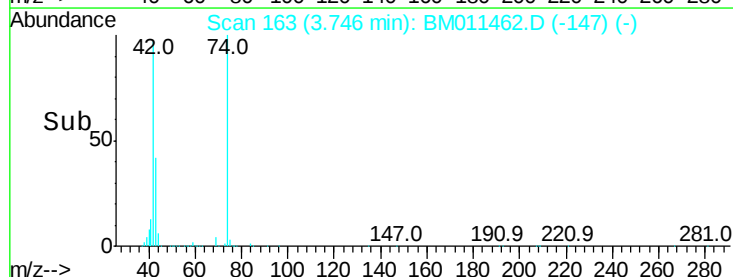
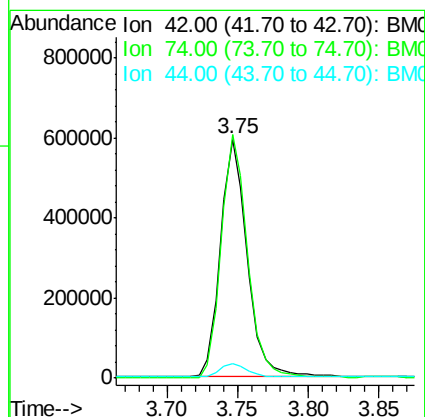
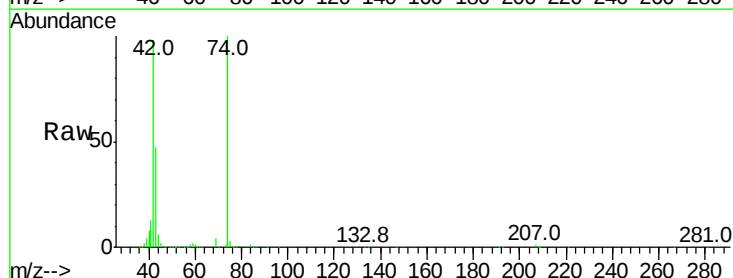
Tgt Ion: 42 Resp: 778684

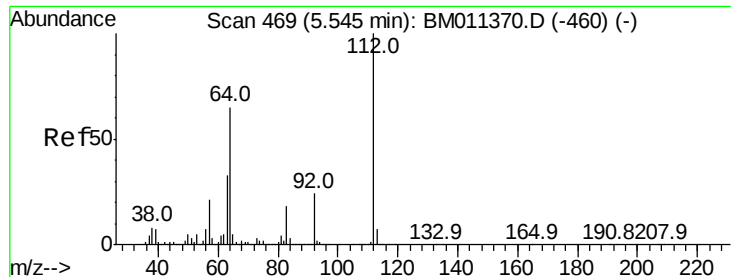
Ion Ratio Lower Upper

42 100

74 102.1 119.3 178.9#

44 6.3 5.4 8.2





#5

2-Fluorophenol

Concen: 151.828 ng

RT: 5.55 min Scan# 469

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

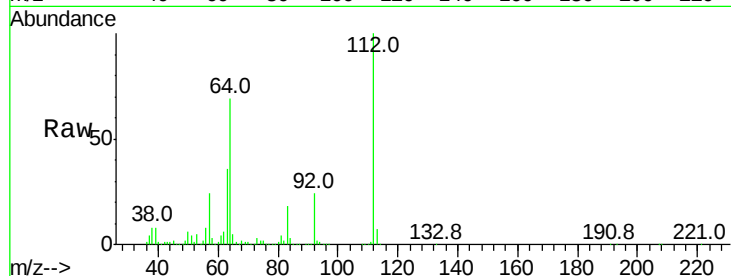
Tot Ion:112 Resp: 4229501

Ion Ratio Lower Upper

112 100

64 69.0 38.6 57.8#

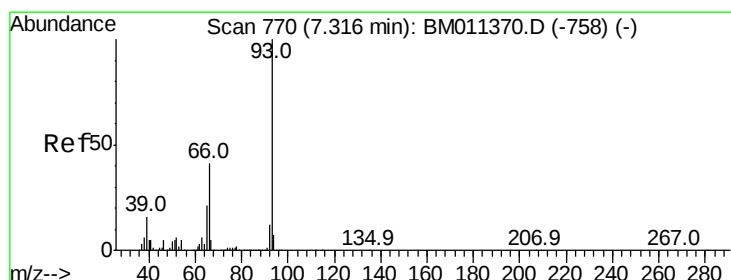
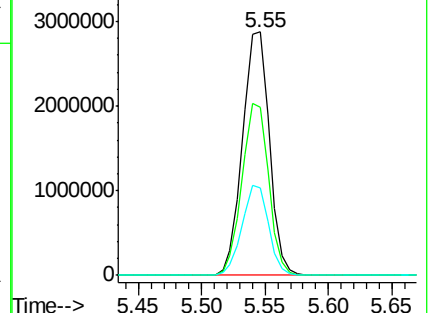
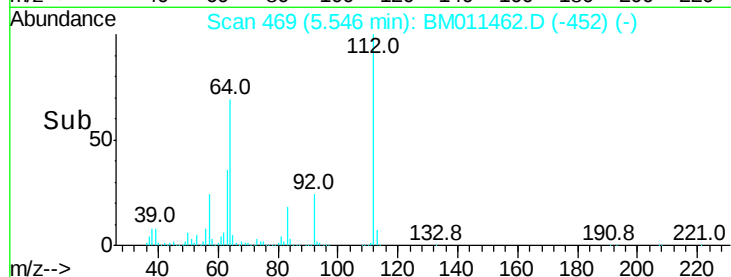
63 35.7 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 9.622 ng

RT: 7.33 min Scan# 772

Delta R.T. 0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

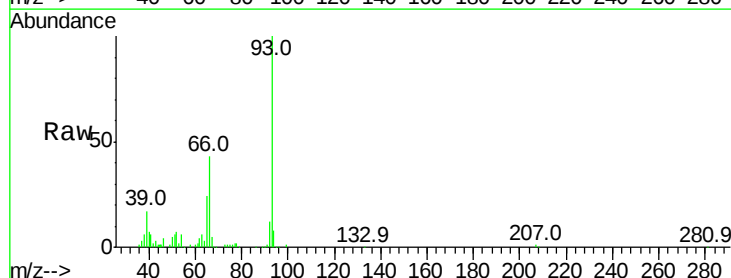
Tgt Ion: 93 Resp: 504771

Ion Ratio Lower Upper

93 100

66 42.6 30.8 46.2

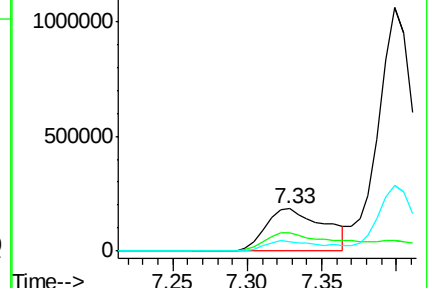
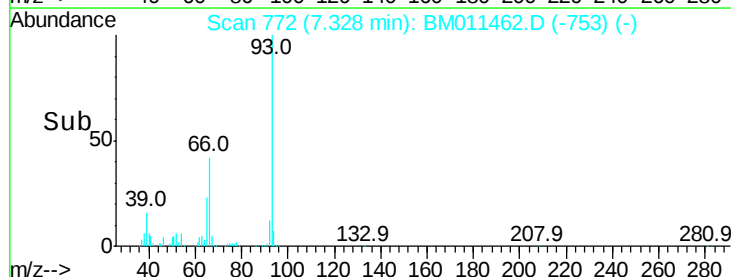
65 23.5 16.0 24.0

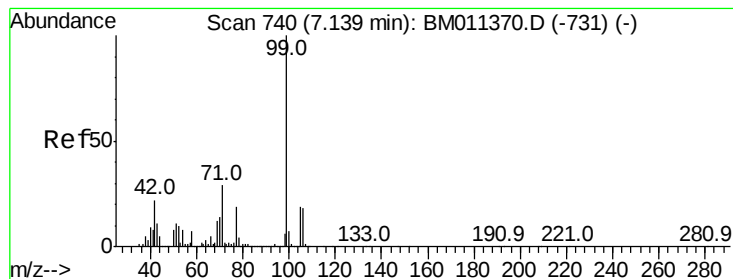


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 134.494 ng

RT: 7.14 min Scan# 740

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

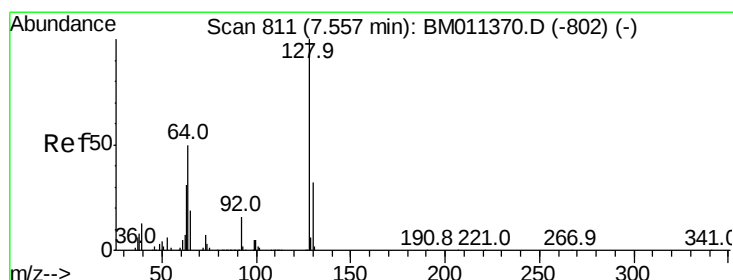
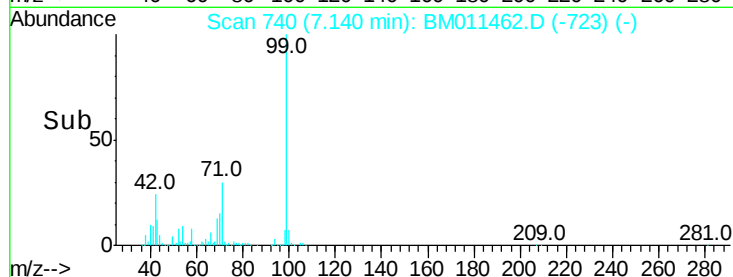
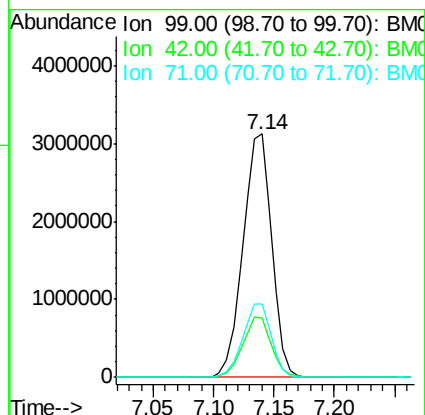
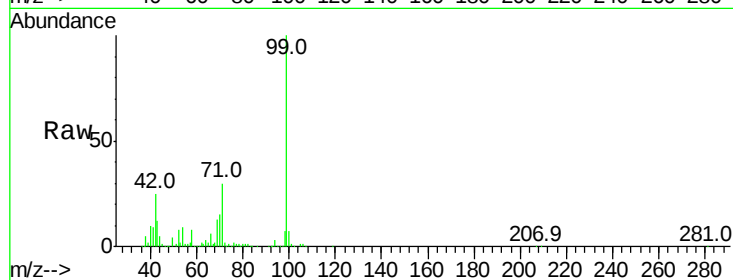
BNA\_M

ClientSampleId :

OK-02-090517MS

Tot Ion: 99 Resp: 5195125

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 99  | 100   |       |       |
| 42  | 24.5  | 11.0  | 16.4# |
| 71  | 30.2  | 23.4  | 35.2  |



#8

2-Chlorophenol

Concen: 44.272 ng

RT: 7.55 min Scan# 809

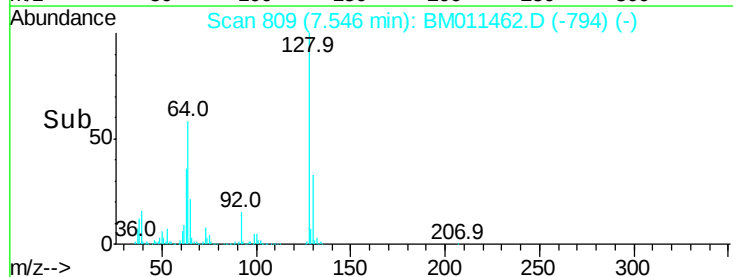
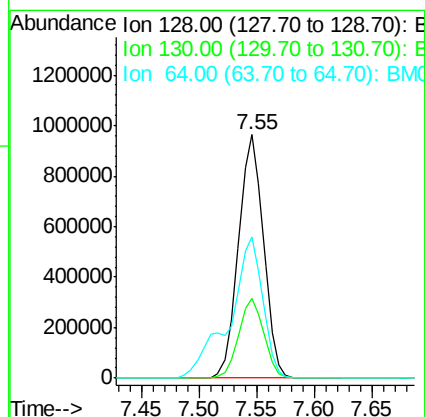
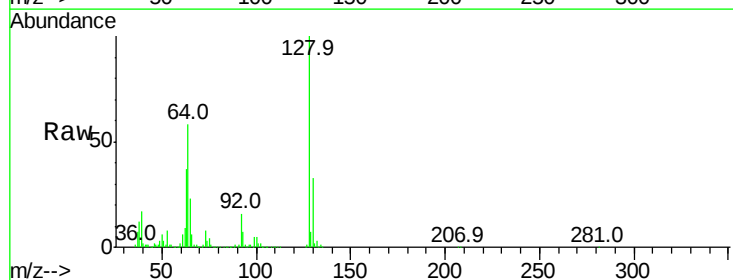
Delta R.T. -0.01 min

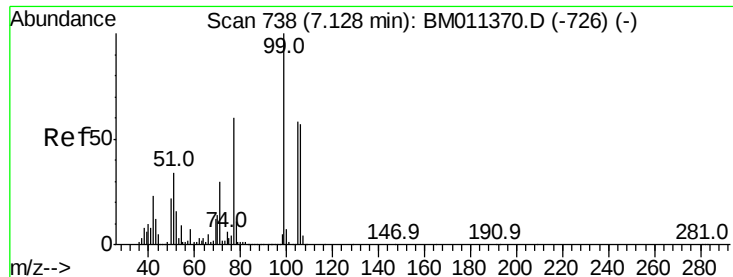
Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion: 128 Resp: 1453949

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 130 | 32.7  | 12.0  | 52.0  |
| 64  | 58.0  | 24.9  | 64.9  |





#9

Benzaldehyde

Concen: 11.113 ng

RT: 7.12 min Scan# 736

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

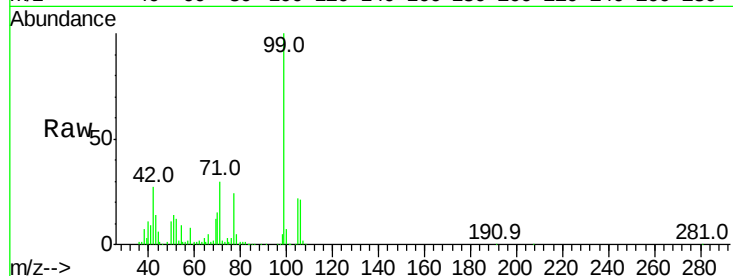
Tot Ion: 77 Resp: 249523

Ion Ratio Lower Upper

77 100

105 90.2 78.8 118.8

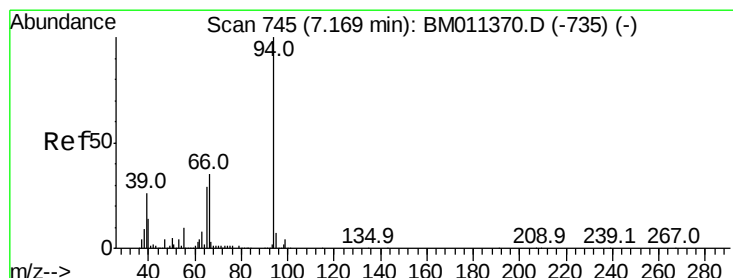
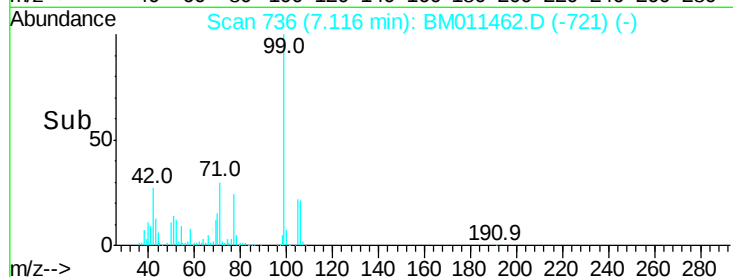
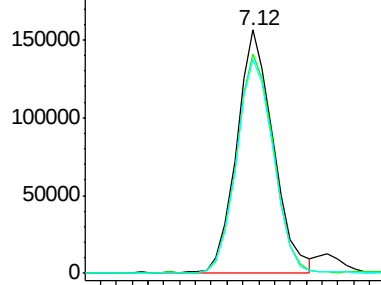
106 88.2 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM011370.D (-726) (-)

Ion 105.00 (104.70 to 105.70): BM011370.D (-726) (-)

Ion 106.00 (105.70 to 106.70): BM011370.D (-726) (-)



#10

Phenol

Concen: 39.593 ng

RT: 7.16 min Scan# 744

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

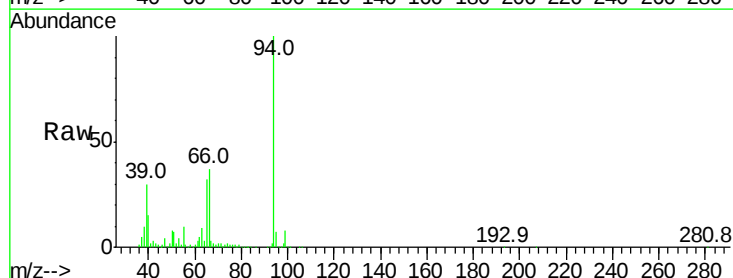
Tgt Ion: 94 Resp: 1681322

Ion Ratio Lower Upper

94 100

65 32.0 18.8 58.8

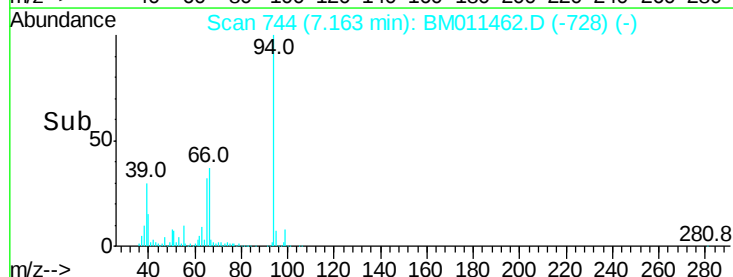
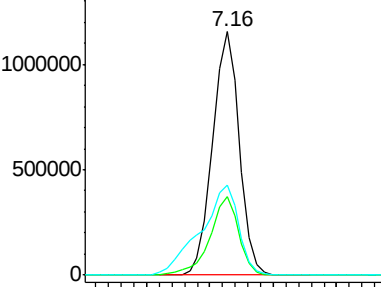
66 37.1 39.9 79.9#

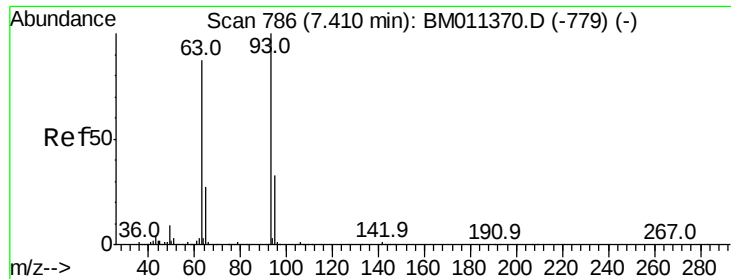


Abundance Ion 94.00 (93.70 to 94.70): BM011370.D (-735) (-)

Ion 65.00 (64.70 to 65.70): BM011370.D (-735) (-)

Ion 66.00 (65.70 to 66.70): BM011370.D (-735) (-)



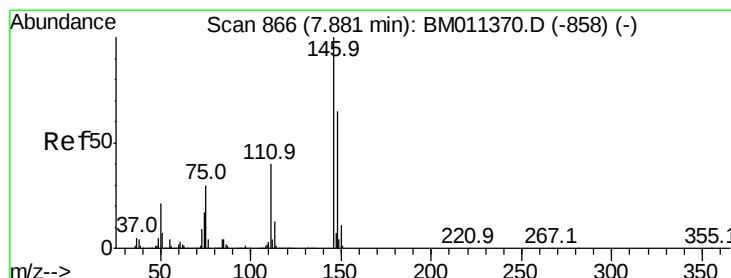
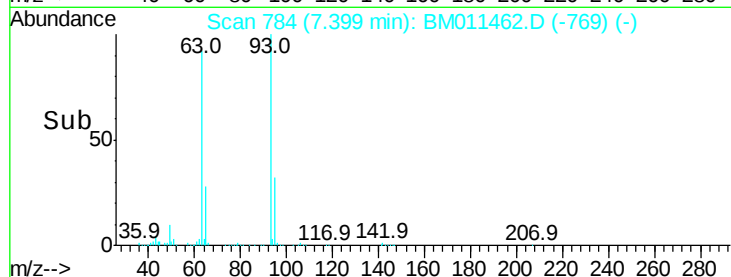
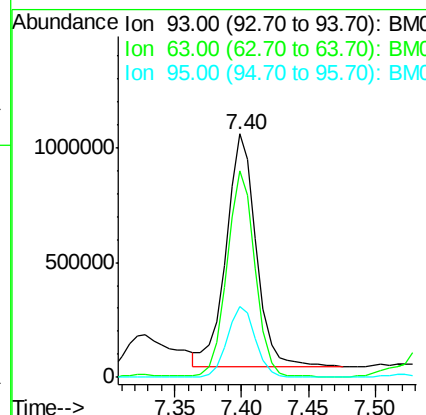
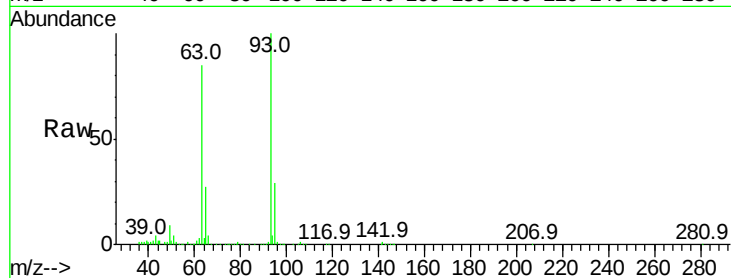


#11  
bis(2-Chloroethyl)ether  
Concen: 46.895 ng  
RT: 7.40 min Scan# 784  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

Tot Ion: 93 Resp: 1591637

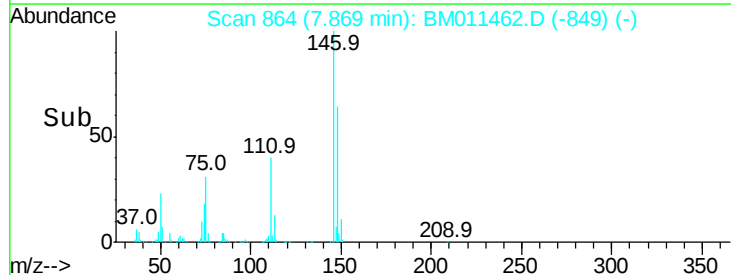
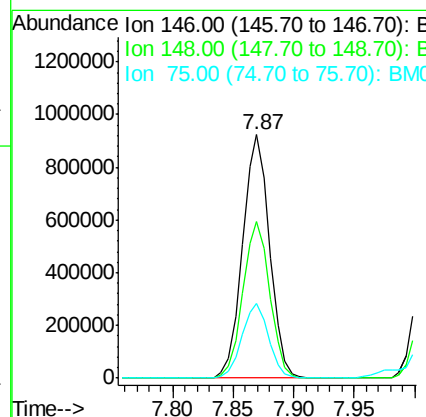
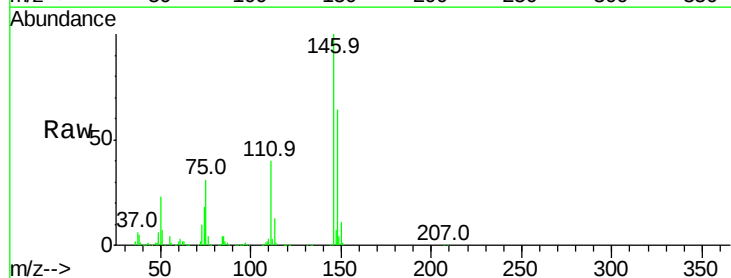
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 93  | 100   |       |       |
| 63  | 84.6  | 49.5  | 89.5  |
| 95  | 29.0  | 13.5  | 53.5  |

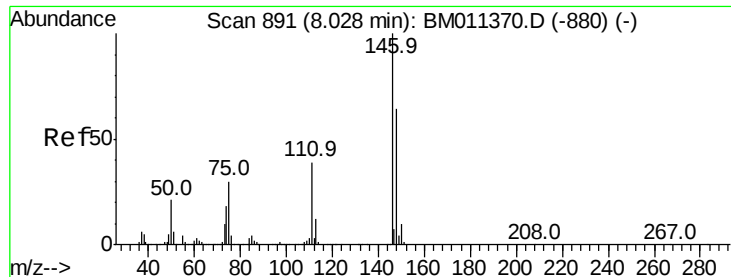


#12  
1,3-Dichlorobenzene  
Concen: 38.431 ng  
RT: 7.87 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion: 146 Resp: 1437176

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 148 | 64.4  | 50.9  | 76.3  |
| 75  | 30.6  | 21.4  | 32.2  |

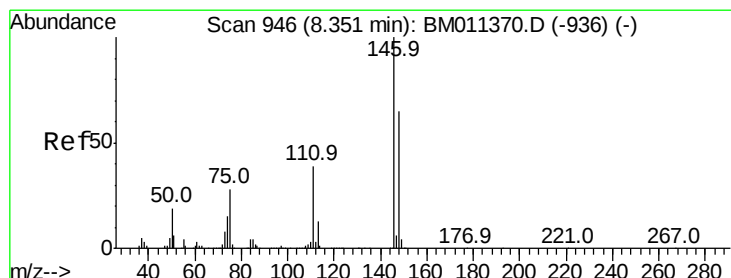
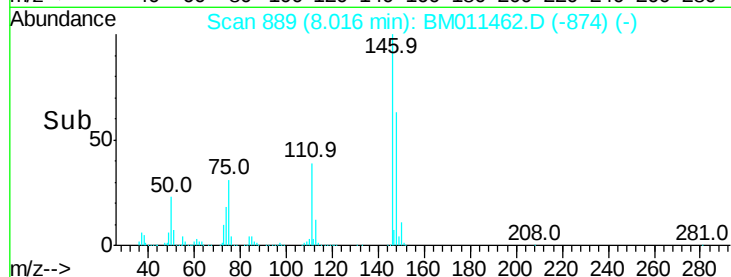
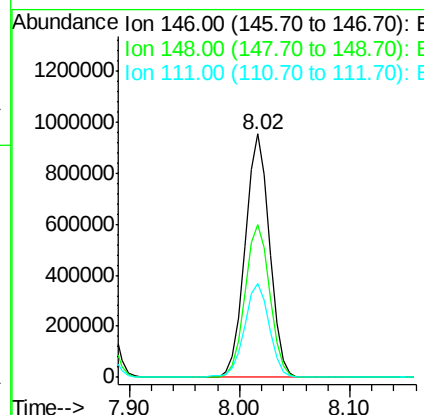
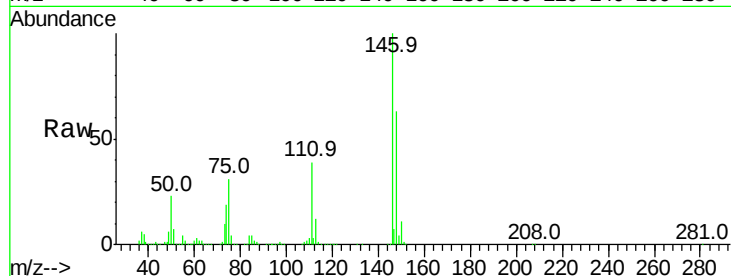




#13  
 1,4-Dichlorobenzene  
 Concen: 38.913 ng  
 RT: 8.02 min Scan# 889  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

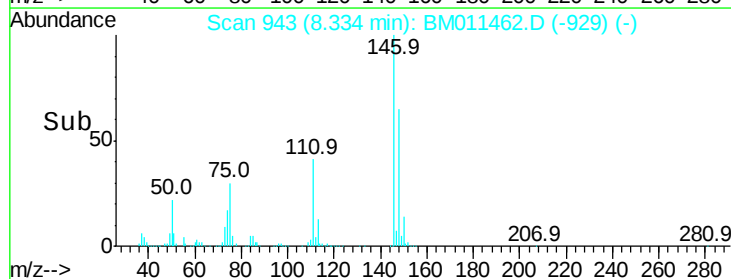
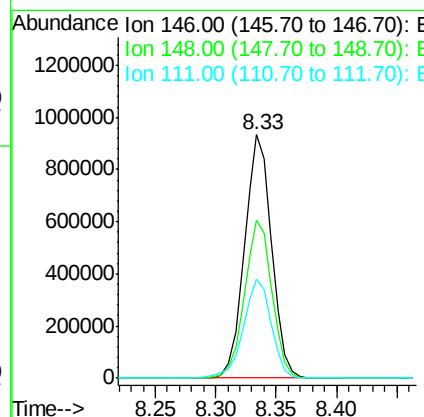
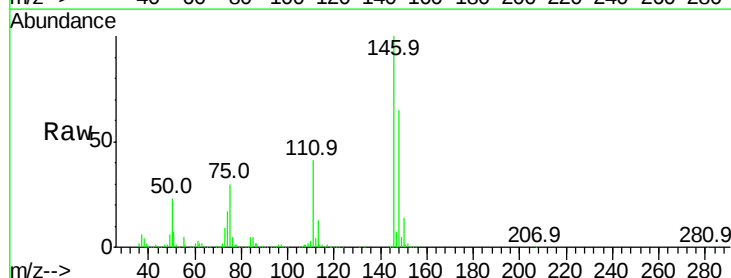
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

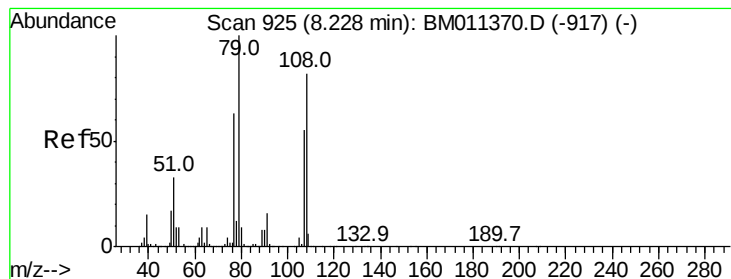
Tot Ion:146 Resp: 1479913  
 Ion Ratio Lower Upper  
 146 100  
 148 63.0 51.9 77.9  
 111 38.6 29.2 43.8



#14  
 1,2-Dichlorobenzene  
 Concen: 39.405 ng  
 RT: 8.33 min Scan# 943  
 Delta R.T. -0.02 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:146 Resp: 1450501  
 Ion Ratio Lower Upper  
 146 100  
 148 64.6 52.3 78.5  
 111 40.7 30.6 45.8





#15

Benzyl Alcohol

Concen: 40.341 ng

RT: 8.22 min Scan# 923

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

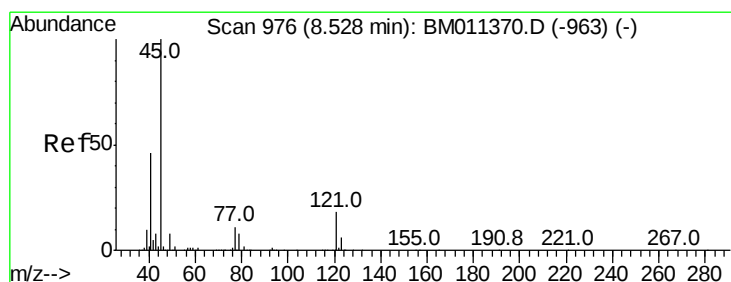
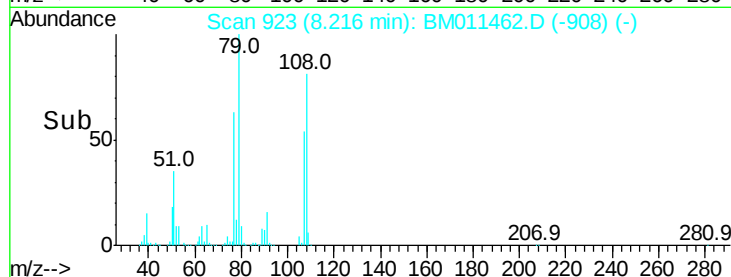
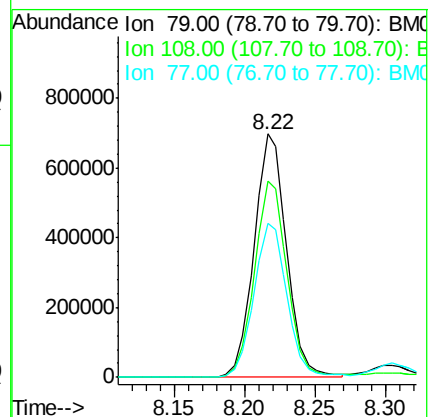
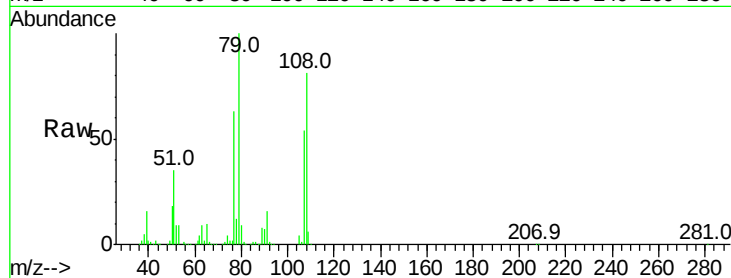
Tot Ion: 79 Resp: 1126641

Ion Ratio Lower Upper

79 100

108 80.8 65.0 97.4

77 63.4 53.0 79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 44.613 ng

RT: 8.50 min Scan# 972

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

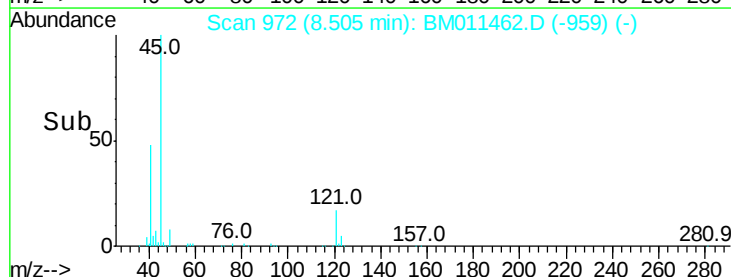
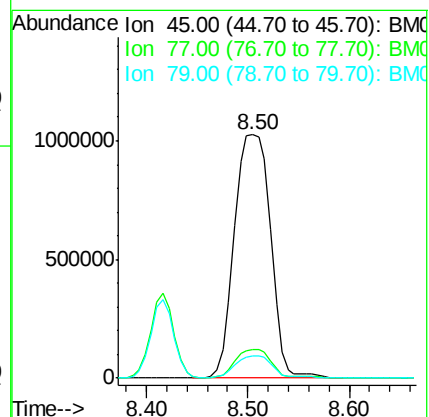
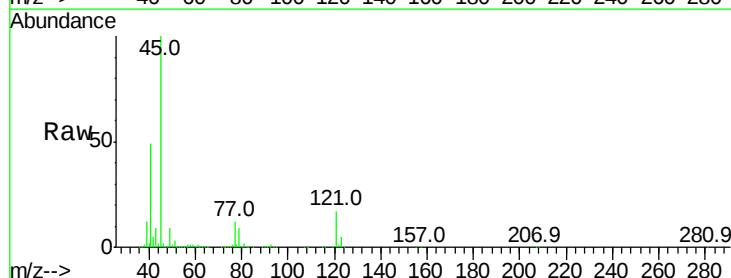
Tgt Ion: 45 Resp: 2532096

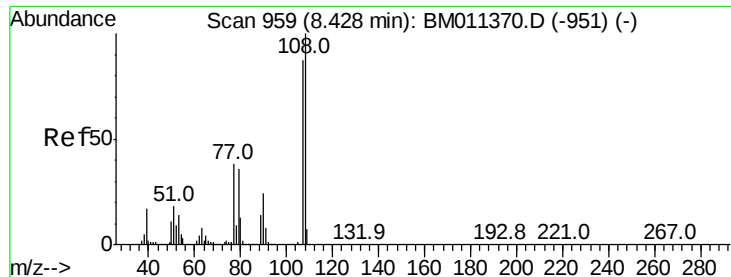
Ion Ratio Lower Upper

45 100

77 11.8 0.0 35.2

79 9.2 0.0 32.0

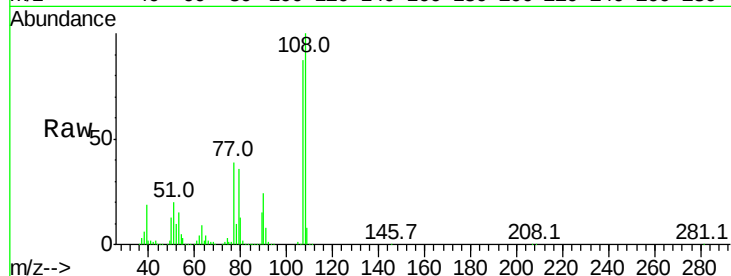




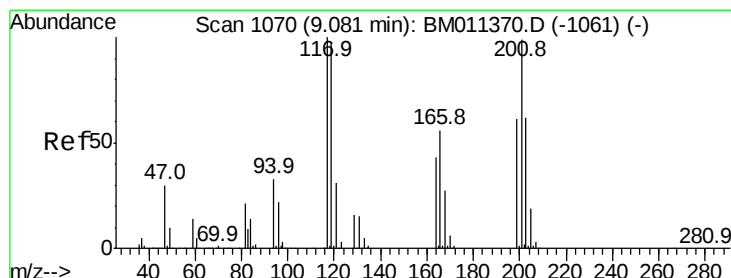
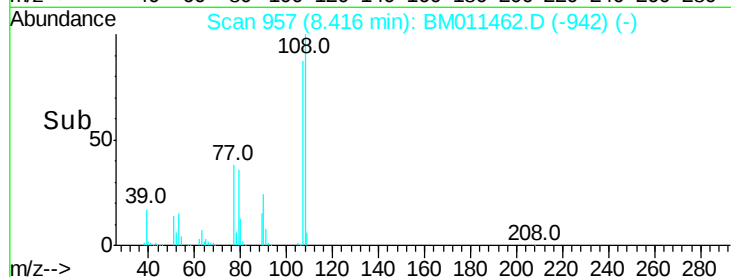
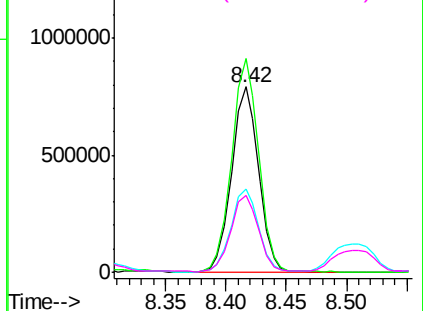
#17  
2-Methylphenol  
Concen: 45.292 ng  
RT: 8.42 min Scan# 957  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

| Tot Ion: | 107   | Resp: | 1231534 |
|----------|-------|-------|---------|
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 115.1 | 89.8  | 134.8   |
| 77       | 44.9  | 32.6  | 48.8    |
| 79       | 41.6  | 32.8  | 49.2    |

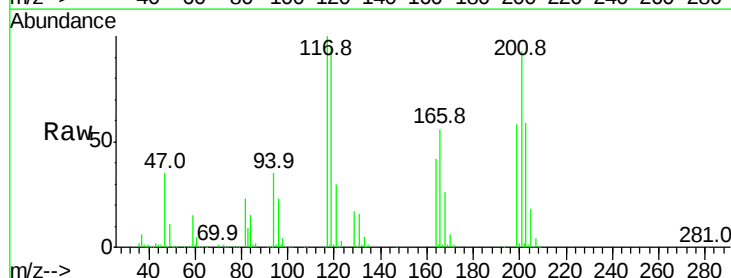


Abundance Ion 107.00 (106.70 to 107.70): E  
Ion 108.00 (107.70 to 108.70): E  
Ion 77.00 (76.70 to 77.70): BM  
Ion 79.00 (78.70 to 79.70): BM

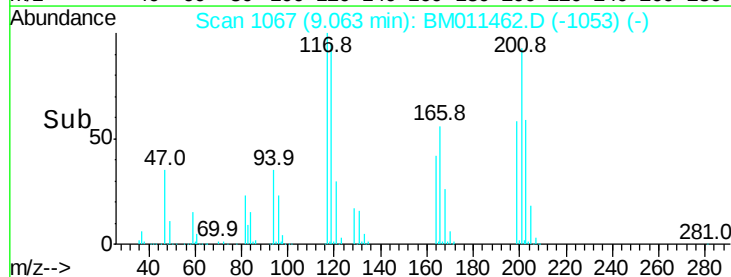
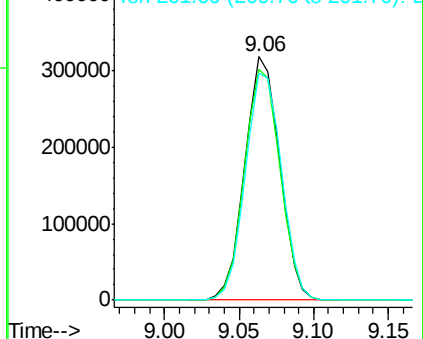


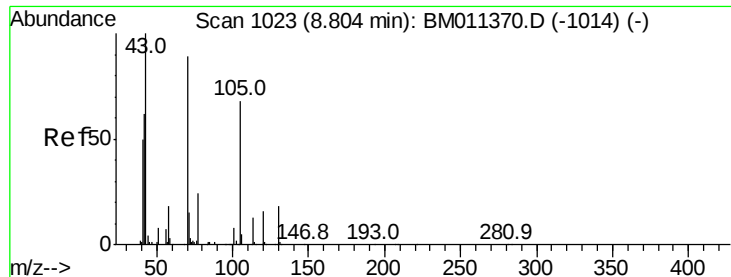
#18  
Hexachloroethane  
Concen: 39.636 ng  
RT: 9.06 min Scan# 1067  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

| Tgt Ion: | 117   | Resp: | 516039 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 95.0  | 79.2  | 118.8  |
| 201      | 93.4  | 69.8  | 104.6  |



Abundance Ion 117.00 (116.70 to 117.70): E  
Ion 119.00 (118.70 to 119.70): E  
Ion 201.00 (200.70 to 201.70): E

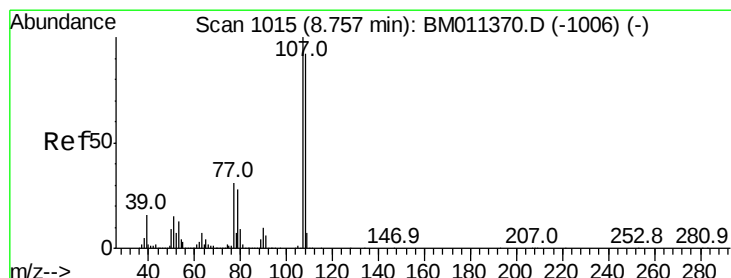
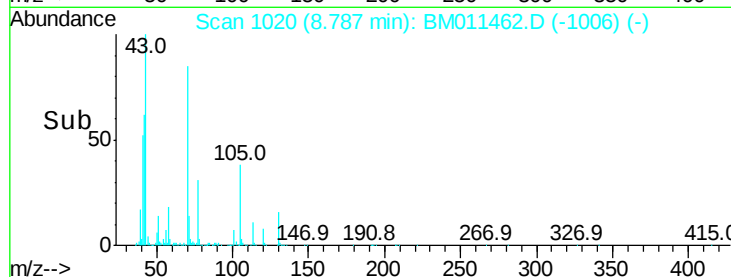
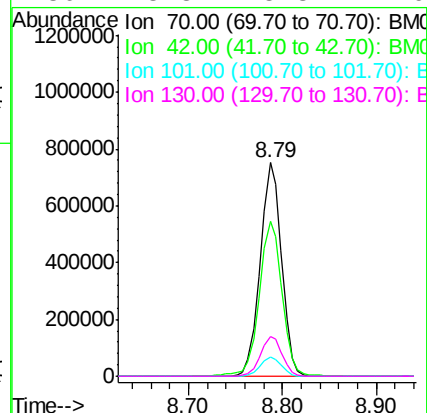
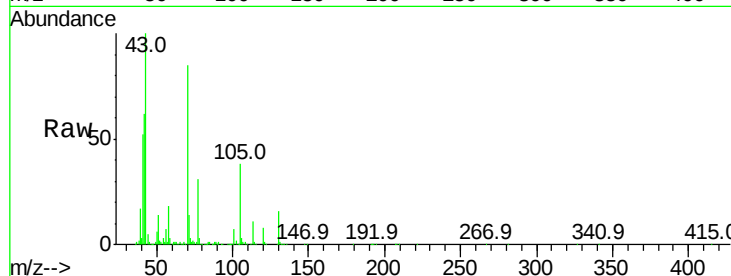




#19  
n-Nitroso-di-n-propylamine  
Concen: 41.504 ng  
RT: 8.79 min Scan# 1020  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

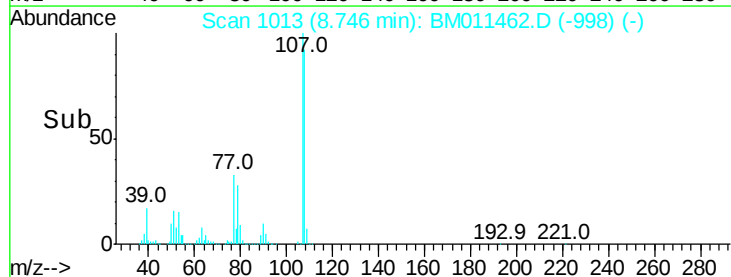
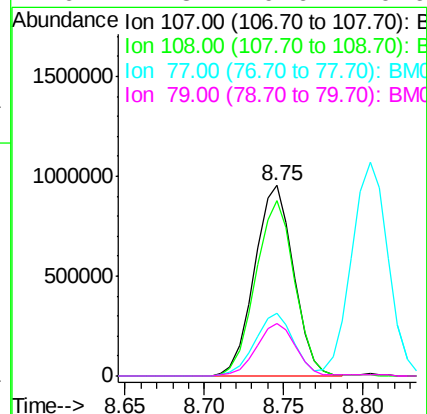
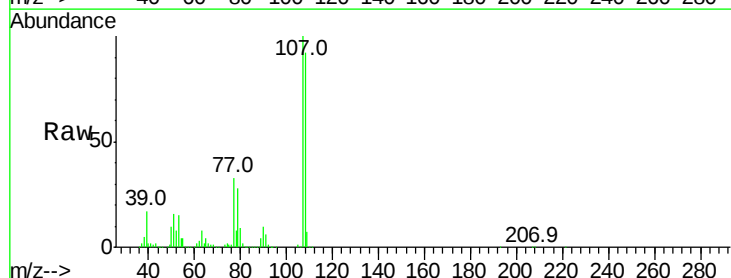
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

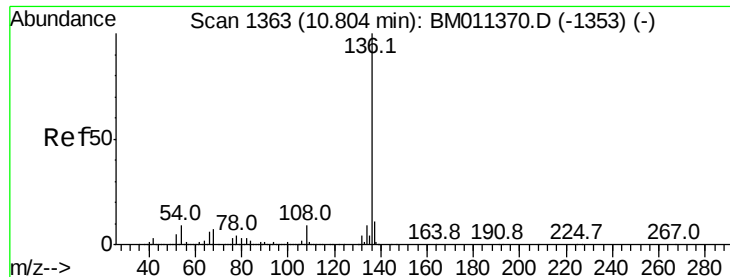
Tot Ion: 70 Resp: 1177135  
Ion Ratio Lower Upper  
70 100  
42 72.8 44.5 66.7#  
101 8.8 7.4 11.2  
130 18.8 15.3 22.9



#20  
3+4-Methylphenols  
Concen: 43.348 ng  
RT: 8.75 min Scan# 1013  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion: 107 Resp: 1635386  
Ion Ratio Lower Upper  
107 100  
108 92.0 73.2 113.2  
77 32.9 10.7 50.7  
79 27.8 9.6 49.6

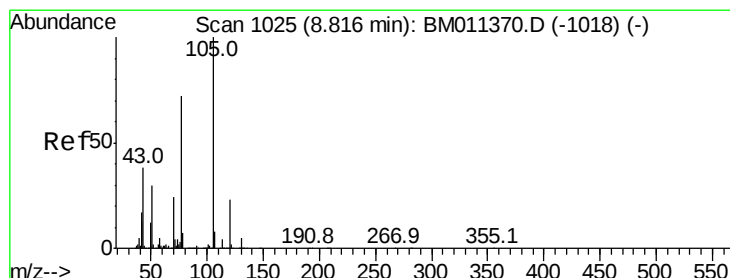
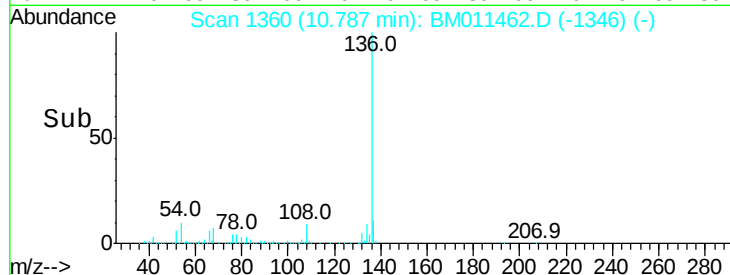
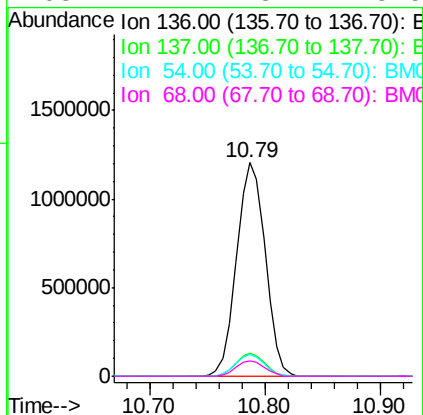
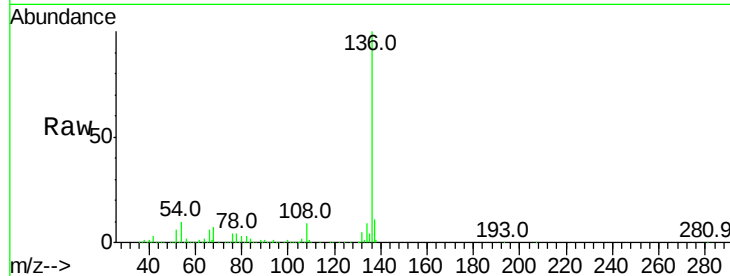




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.79 min Scan# 1360  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

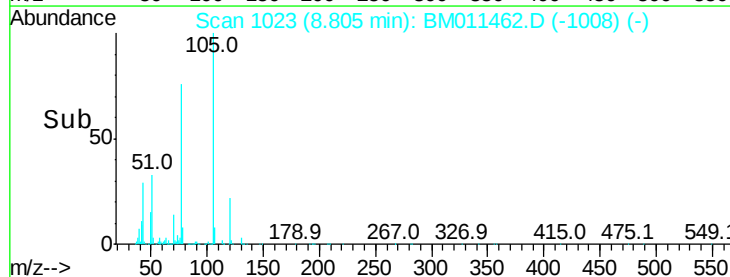
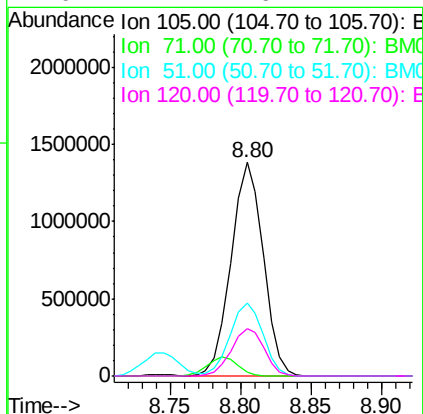
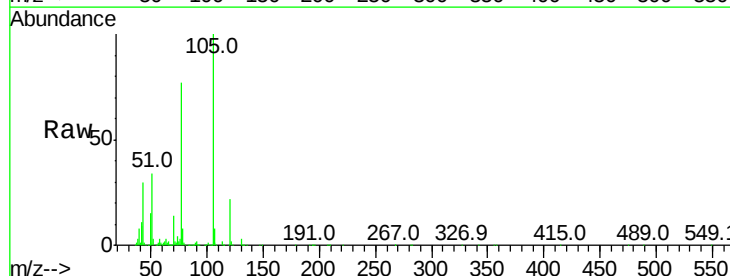
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

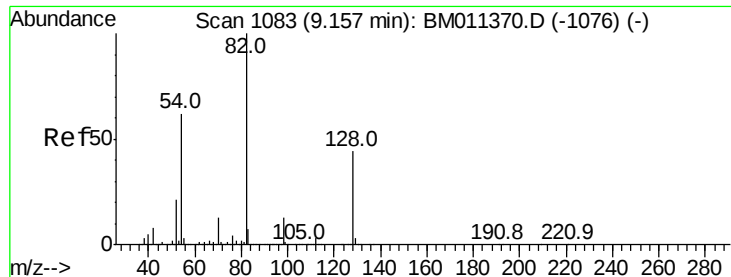
|             |               |
|-------------|---------------|
| Tot Ion:136 | Resp: 2071051 |
| Ion Ratio   | Lower Upper   |
| 136 100     |               |
| 137 10.9    | 8.7 13.1      |
| 54 10.3     | 4.6 6.8#      |
| 68 7.1      | 3.7 5.5#      |



#22  
Acetophenone  
Concen: 42.707 ng  
RT: 8.80 min Scan# 1023  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

|     |         |       |         |
|-----|---------|-------|---------|
| Tgt | Ion:105 | Resp: | 2197802 |
| Ion | Ratio   | Lower | Upper   |
| 105 | 100     |       |         |
| 71  | 2.1     | 0.6   | 1.0#    |
| 51  | 34.2    | 21.6  | 32.4#   |
| 120 | 22.2    | 16.1  | 24.1    |

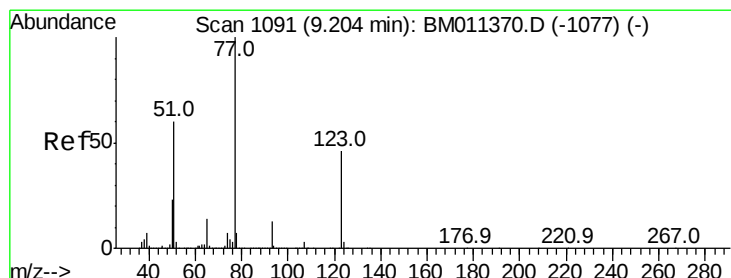
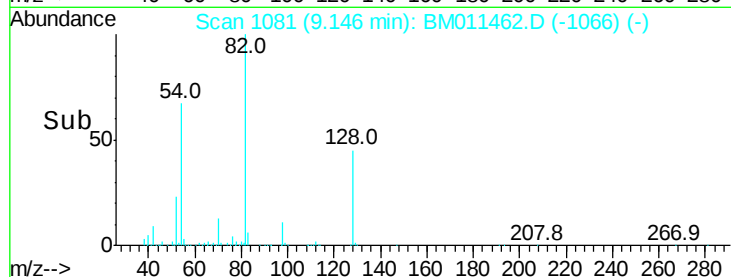
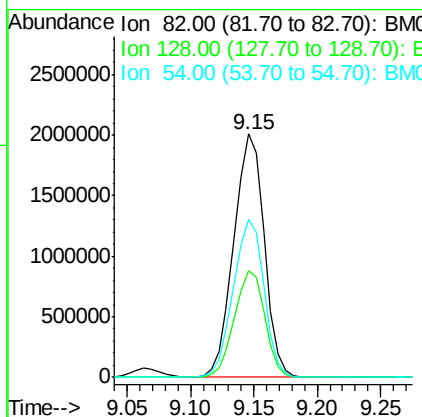
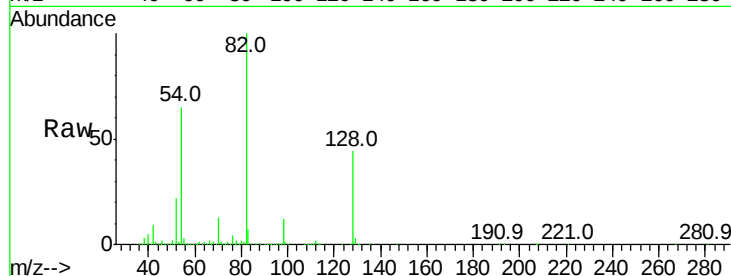




#23  
 Nitrobenzene-d5  
 Concen: 106.299 ng  
 RT: 9.15 min Scan# 1081  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

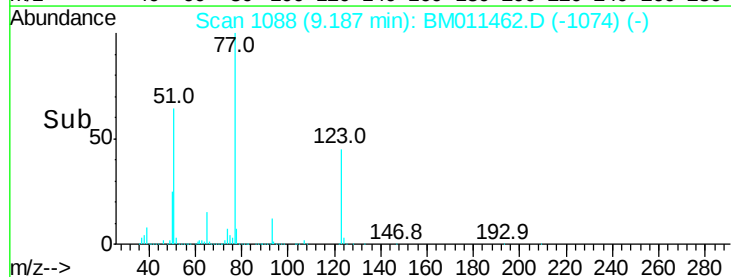
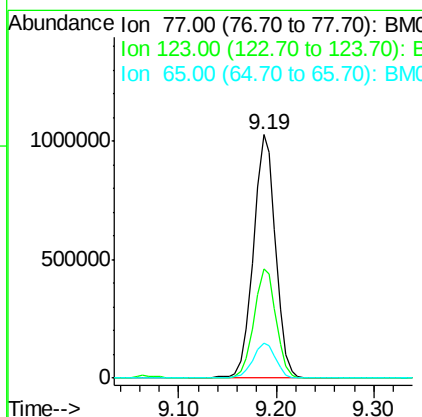
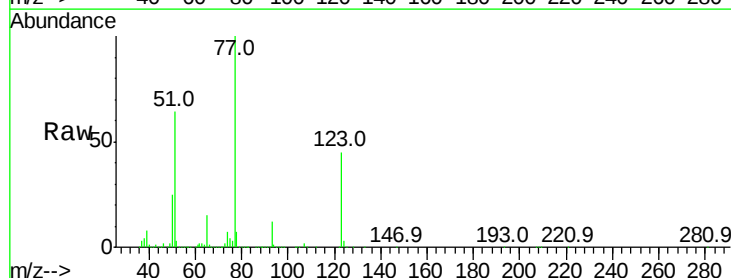
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

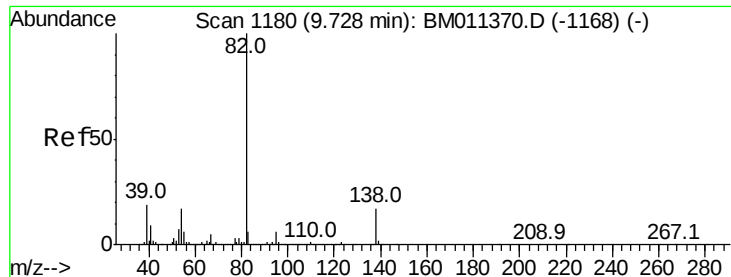
Tot Ion: 82 Resp: 3340773  
 Ion Ratio Lower Upper  
 82 100  
 128 43.7 32.8 49.2  
 54 64.8 40.6 60.8#



#24  
 Nitrobenzene  
 Concen: 47.269 ng  
 RT: 9.19 min Scan# 1088  
 Delta R.T. -0.02 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion: 77 Resp: 1636958  
 Ion Ratio Lower Upper  
 77 100  
 123 44.8 32.6 49.0  
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 43.688 ng

RT: 9.71 min Scan# 1177

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

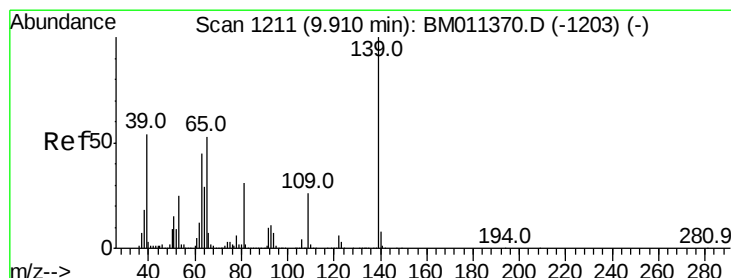
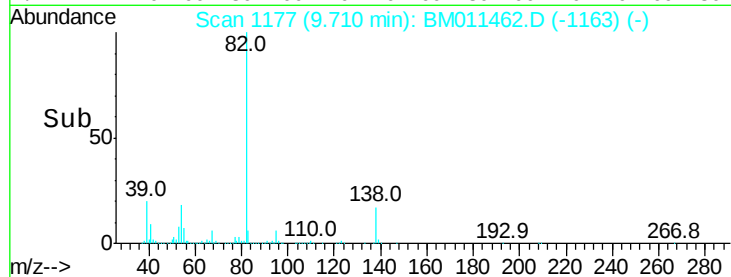
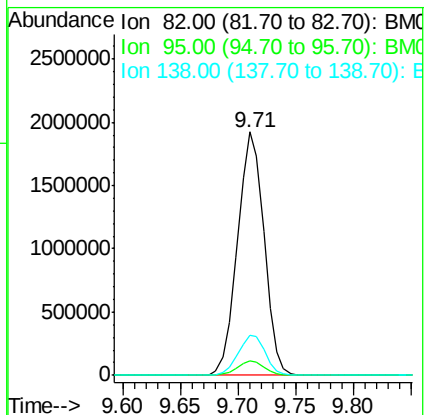
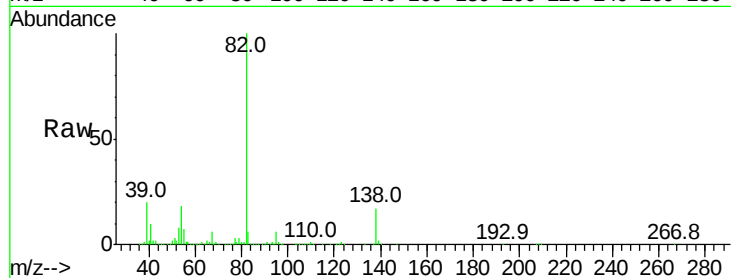
Tot Ion: 82 Resp: 3076490

Ion Ratio Lower Upper

82 100

95 5.8 5.8 8.6

138 16.6 16.3 24.5



#26

2-Nitrophenol

Concen: 44.595 ng

RT: 9.90 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

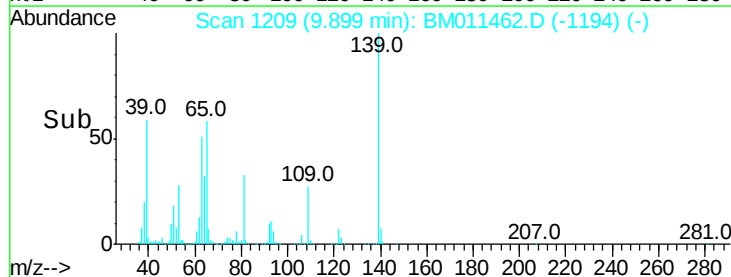
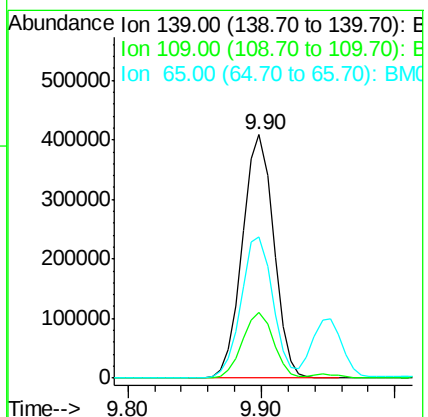
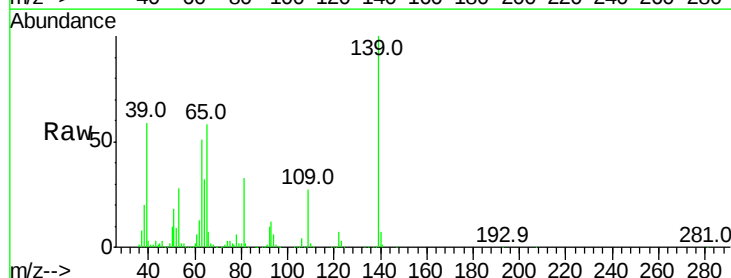
Tgt Ion: 139 Resp: 664086

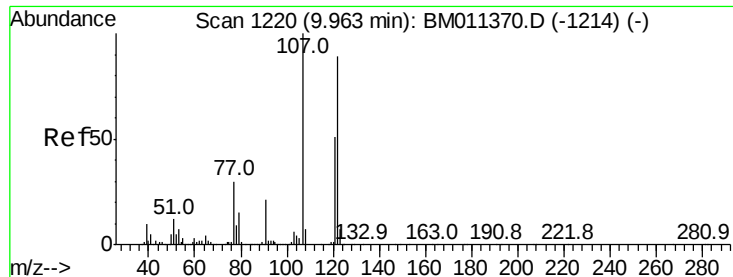
Ion Ratio Lower Upper

139 100

109 27.2 20.1 30.1

65 58.1 31.5 47.3#

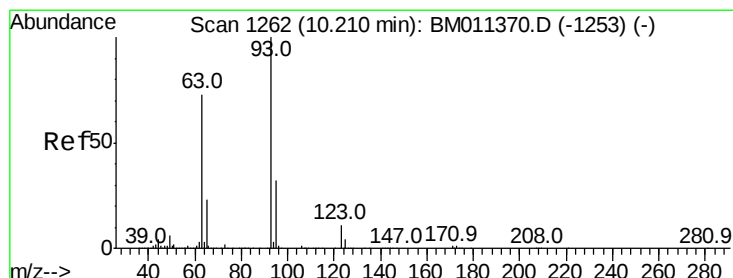
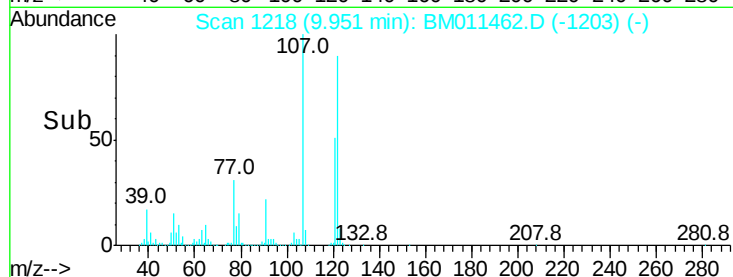
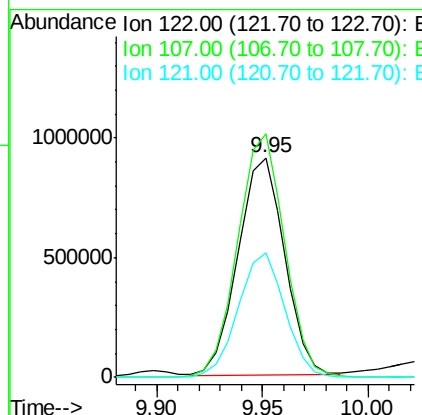
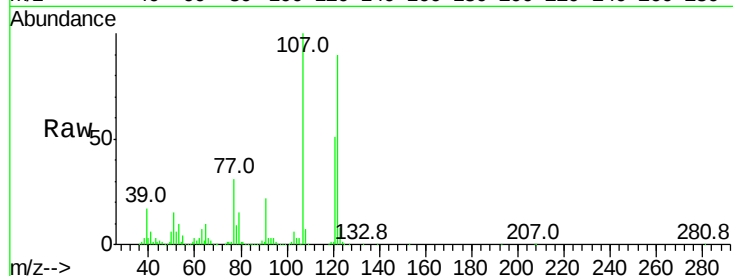




#27  
2,4-Dimethylphenol  
Concen: 42.481 ng  
RT: 9.95 min Scan# 1218  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

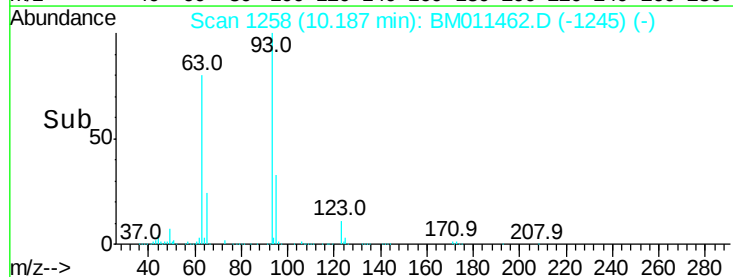
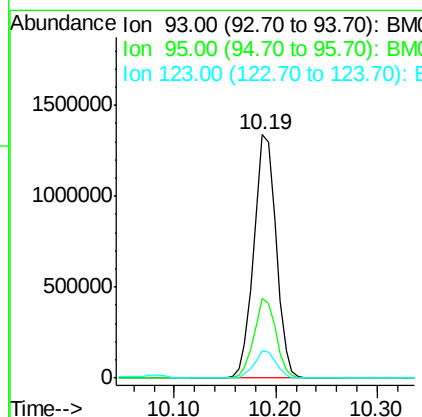
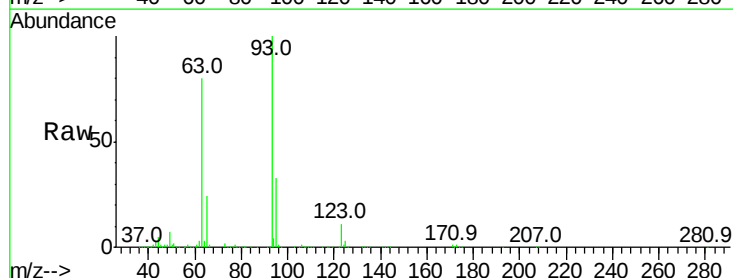
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

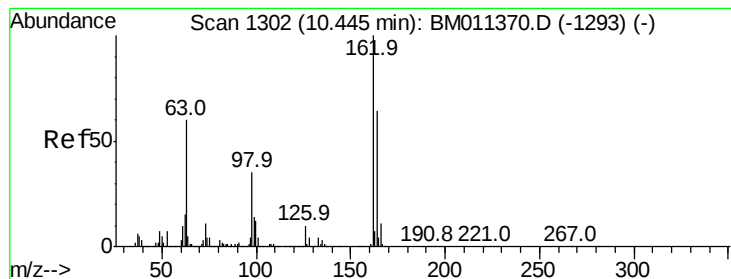
Tot Ion:122 Resp: 1394864  
Ion Ratio Lower Upper  
122 100  
107 110.7 84.7 127.1  
121 56.5 46.6 69.8



#28  
bis(2-Chloroethoxy)methane  
Concen: 42.757 ng  
RT: 10.19 min Scan# 1258  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion: 93 Resp: 2054658  
Ion Ratio Lower Upper  
93 100  
95 32.6 25.5 38.3  
123 11.0 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 45.606 ng

RT: 10.43 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

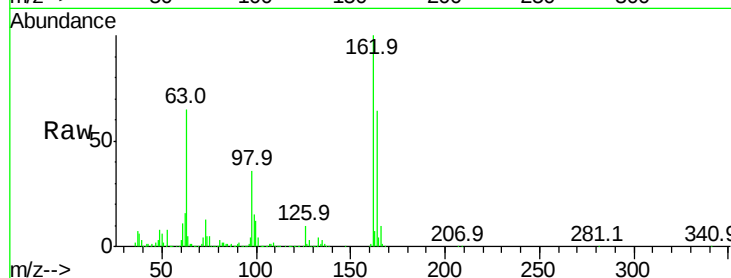
BNA\_M

ClientSampleId :

OK-02-090517MS

Tot Ion:162 Resp: 1401037

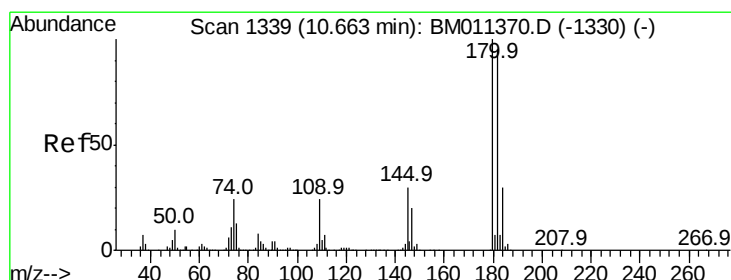
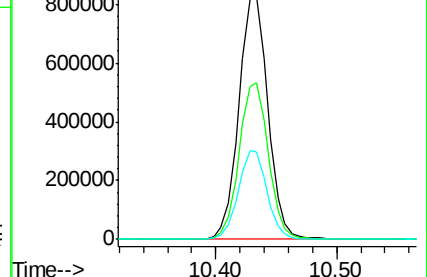
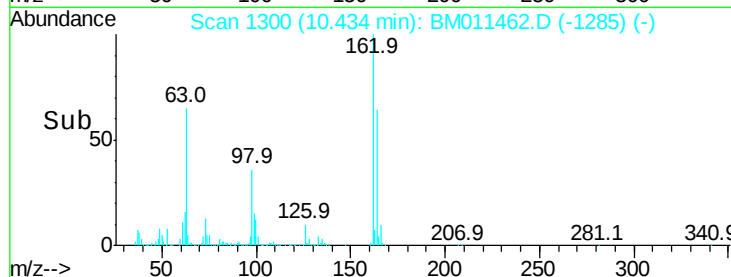
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 164 | 64.3  | 42.8  | 82.8  |
| 98  | 35.7  | 14.5  | 54.5  |



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.110 ng

RT: 10.65 min Scan# 1336

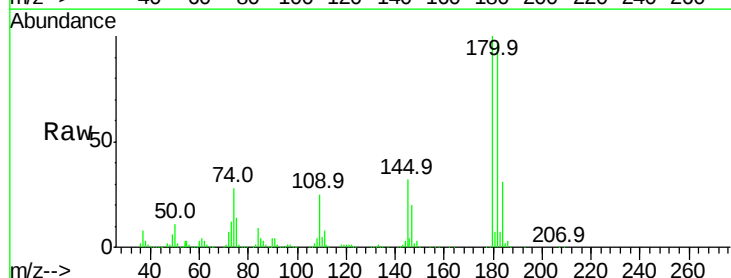
Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:180 Resp: 1364038

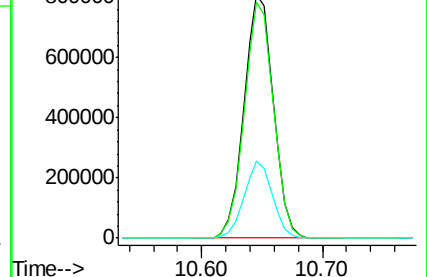
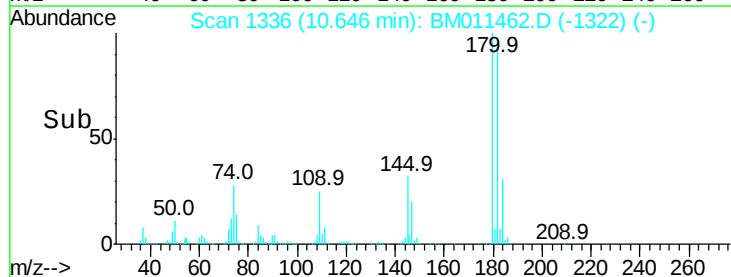
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 96.7  | 77.6  | 116.4 |
| 145 | 31.6  | 23.4  | 35.2  |

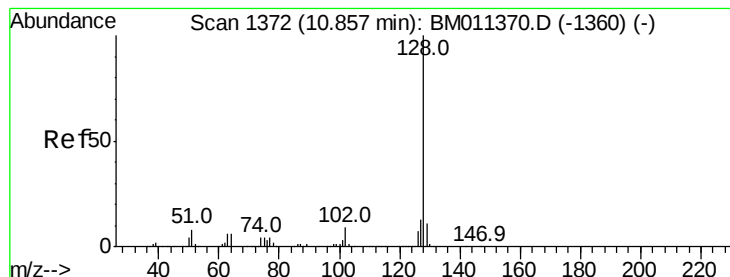


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

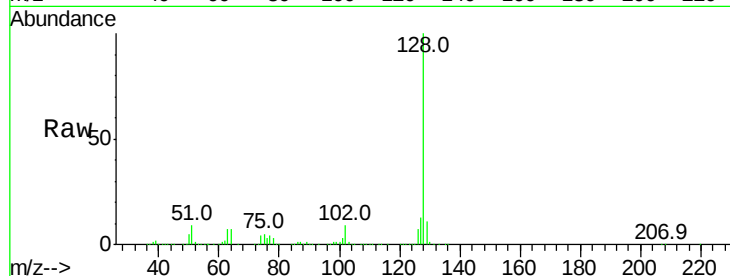




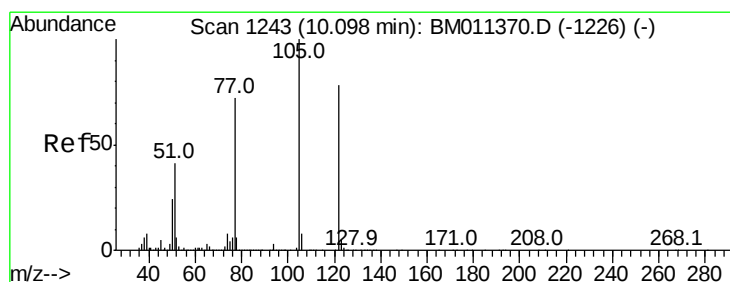
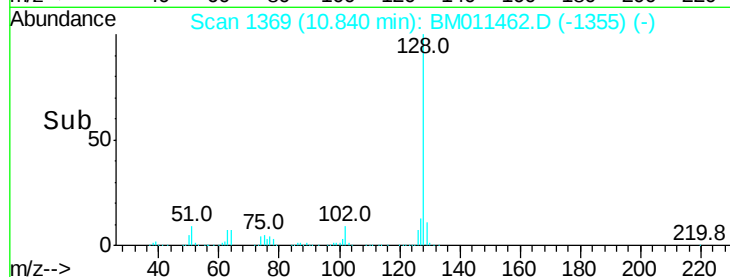
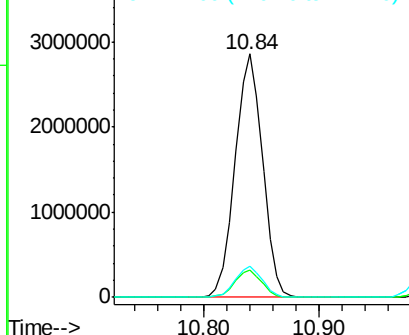
#31  
Naphthalene  
Concen: 42.041 ng  
RT: 10.84 min Scan# 1369  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

Tot Ion:128 Resp: 4700932  
Ion Ratio Lower Upper  
128 100  
129 11.3 8.9 13.3  
127 12.6 10.4 15.6

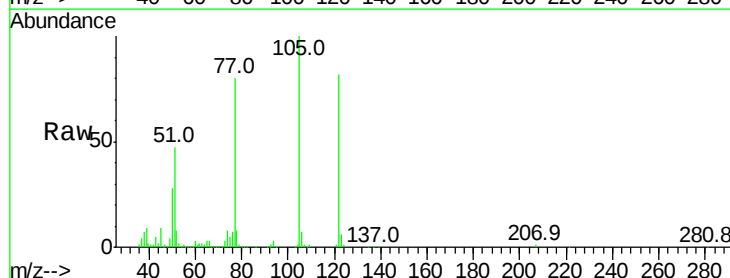


Abundance Ion 128.00 (127.70 to 128.70): E  
Ion 129.00 (128.70 to 129.70): E  
Ion 127.00 (126.70 to 127.70): E

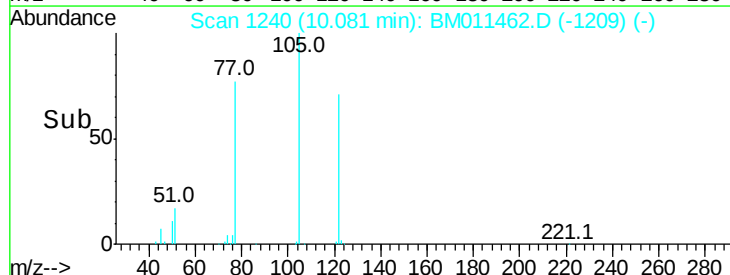
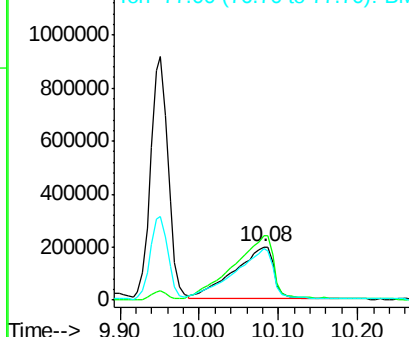


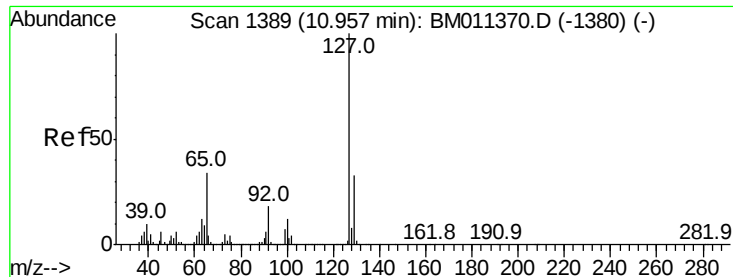
#32  
Benzoic acid  
Concen: 33.515 ng  
RT: 10.08 min Scan# 1240  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:122 Resp: 696008  
Ion Ratio Lower Upper  
122 100  
105 121.9 99.9 139.9  
77 97.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E  
Ion 105.00 (104.70 to 105.70): E  
Ion 77.00 (76.70 to 77.70): E

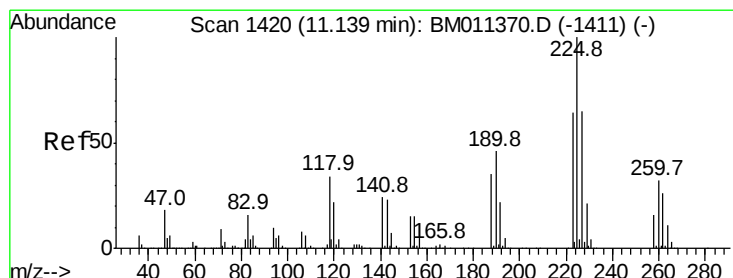
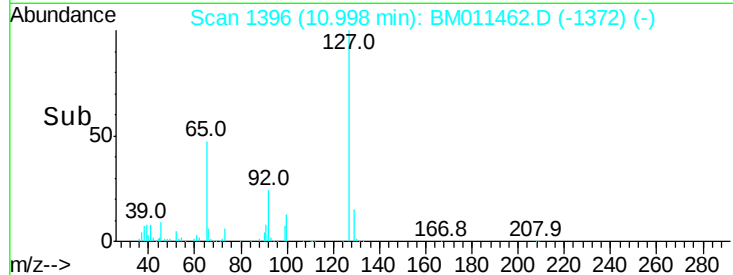
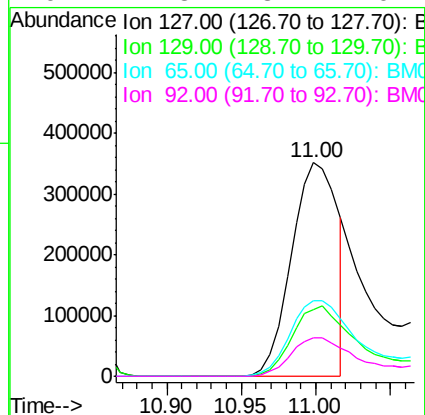
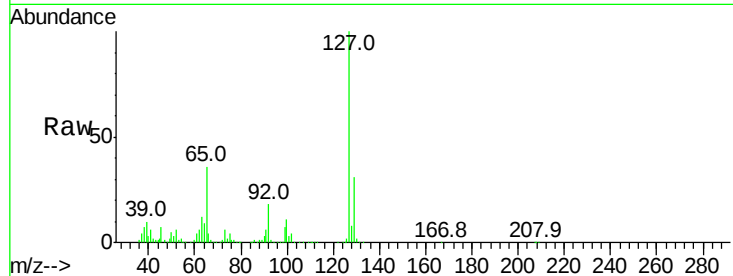




#33  
4-Chloroaniline  
Concen: 15.375 ng  
RT: 11.00 min Scan# 1396  
Delta R.T. 0.04 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

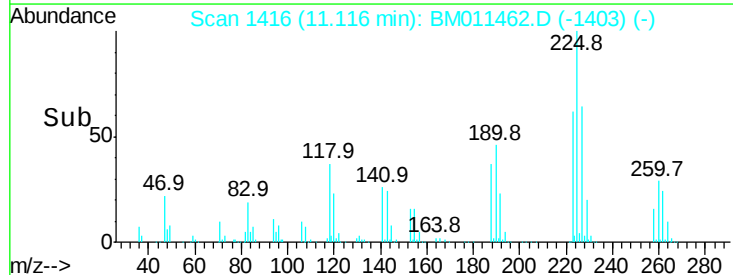
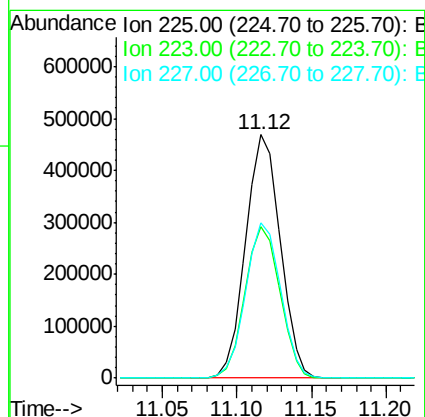
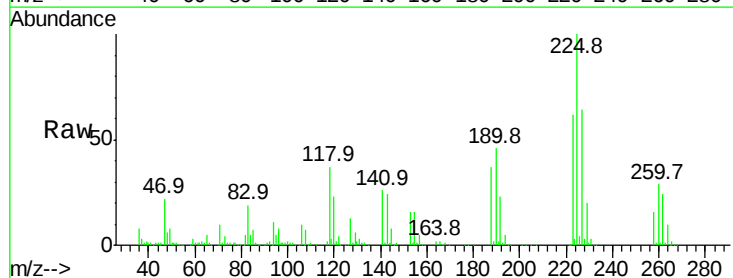
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

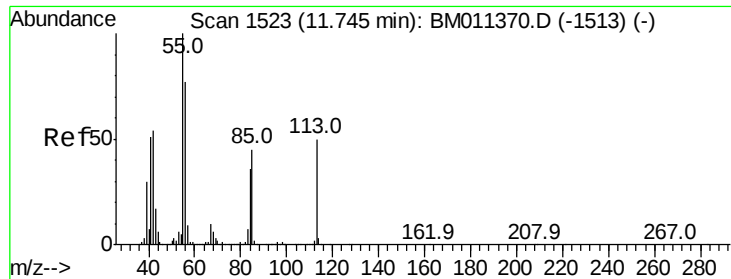
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 127   | Resp: | 752081 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 31.4  | 25.3  | 37.9   |
| 65       | 35.5  | 17.6  | 26.4   |
| 92       | 17.8  | 13.1  | 19.7   |



#34  
Hexachlorobutadiene  
Concen: 38.901 ng  
RT: 11.12 min Scan# 1416  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 753766 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 62.1  | 47.9  | 71.9   |
| 227      | 63.8  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 15.146 ng

RT: 11.75 min Scan# 1523

Delta R.T. 0.00 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

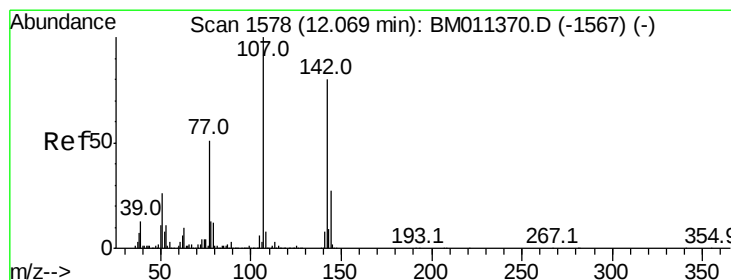
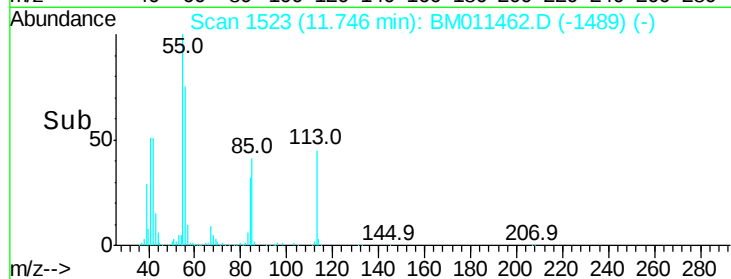
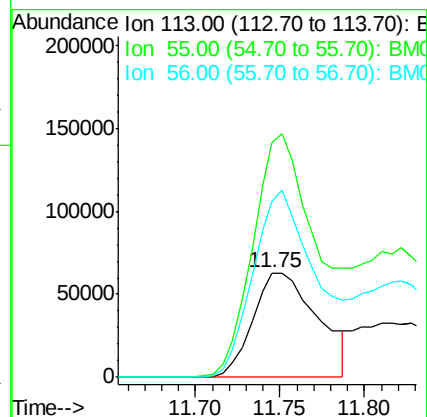
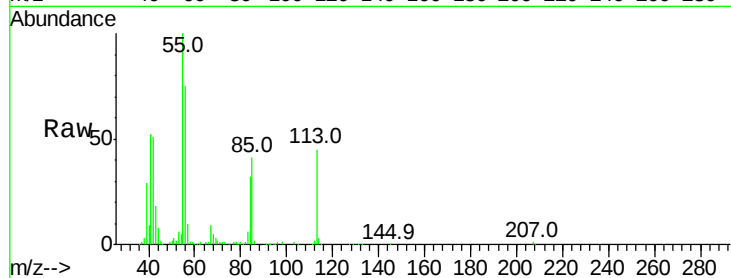
Tot Ion:113 Resp: 167570

Ion Ratio Lower Upper

113 100

55 224.0 145.9 185.9#

56 168.4 101.0 141.0#



#36

4-Chloro-3-methylphenol

Concen: 41.370 ng

RT: 12.06 min Scan# 1576

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

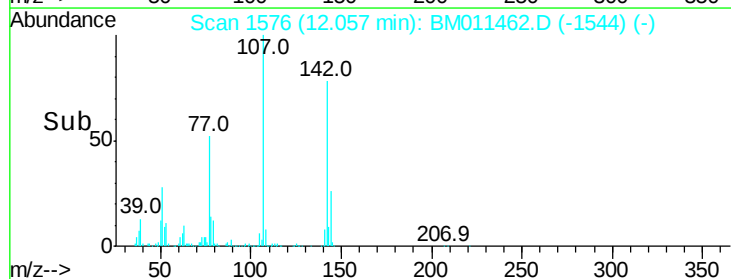
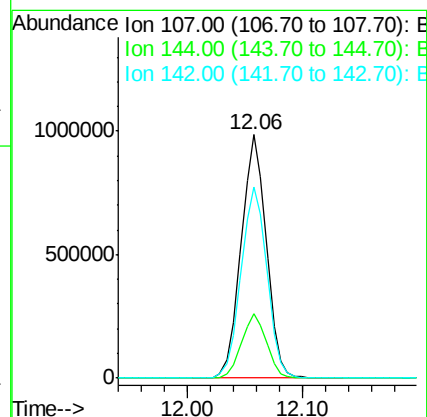
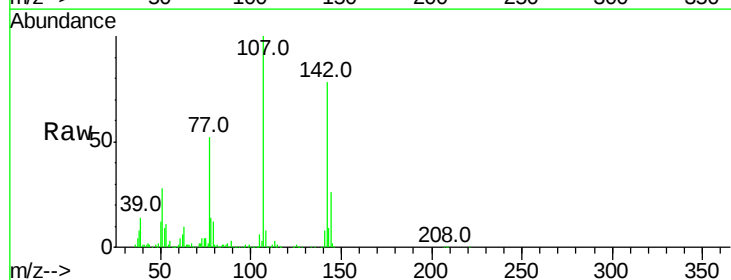
Tgt Ion:107 Resp: 1492697

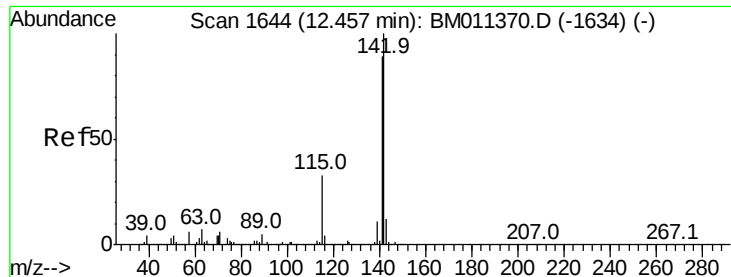
Ion Ratio Lower Upper

107 100

144 26.2 23.3 34.9

142 78.3 72.6 109.0

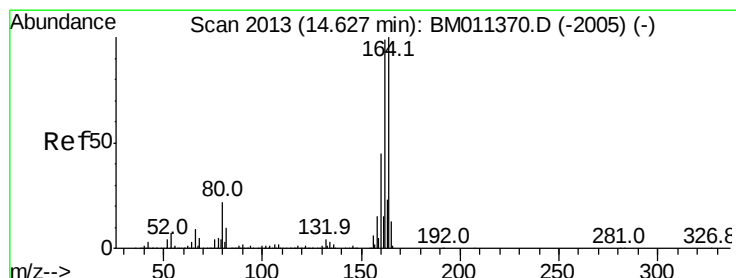
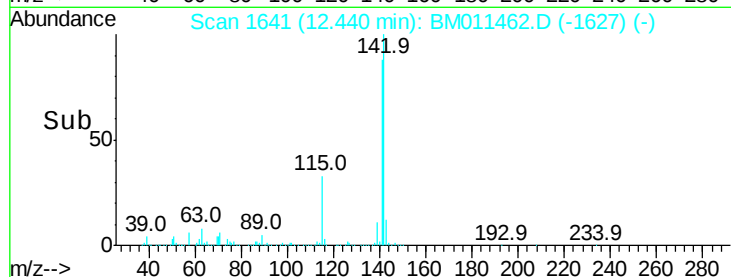
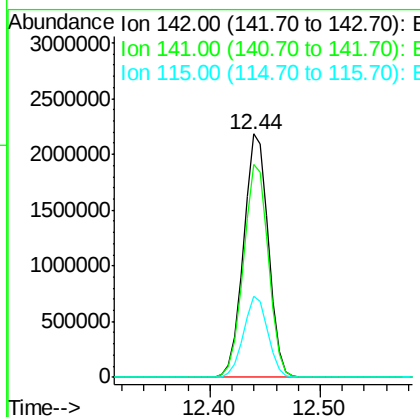
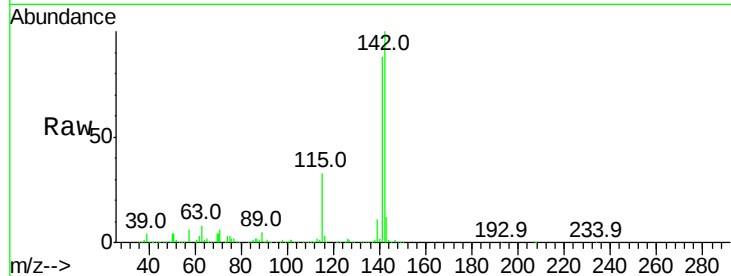




#37  
2-Methylnaphthalene  
Concen: 44.173 ng  
RT: 12.44 min Scan# 1641  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

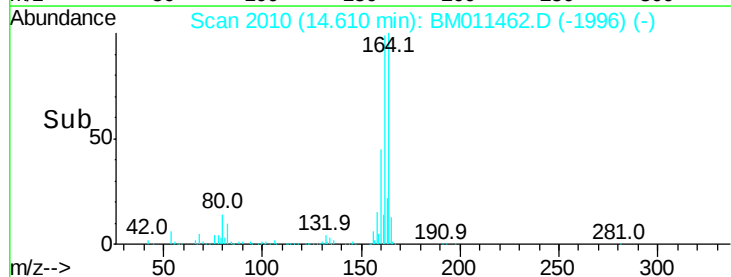
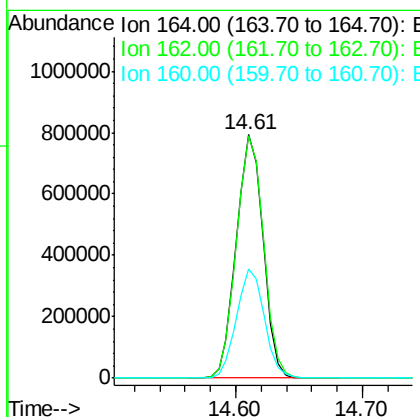
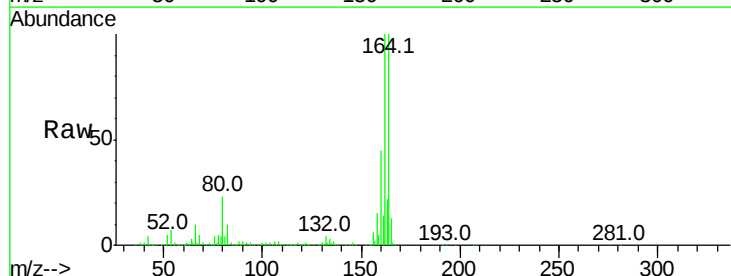
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

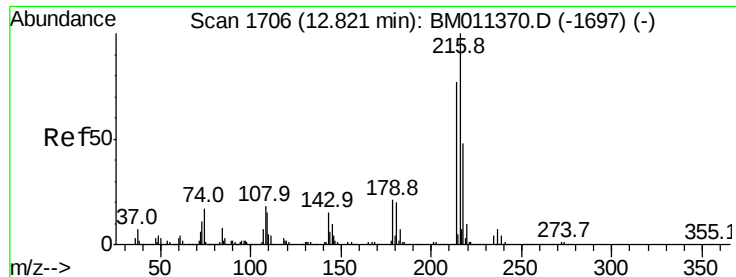
Tot Ion:142 Resp: 3437920  
Ion Ratio Lower Upper  
142 100  
141 87.5 71.9 107.9  
115 33.2 25.4 38.0



#38  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 14.61 min Scan# 2010  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:164 Resp: 1153362  
Ion Ratio Lower Upper  
164 100  
162 99.8 82.4 123.6  
160 44.8 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.075 ng

RT: 12.80 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

Tot Ion:216 Resp: 1495057

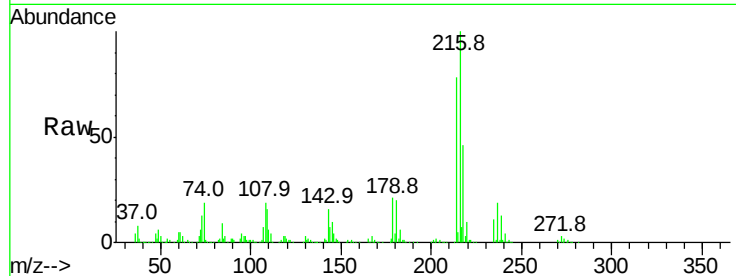
Ion Ratio Lower Upper

216 100

214 78.6 0.0 0.0#

179 21.3 0.0 0.0#

108 22.6 0.0 0.0#

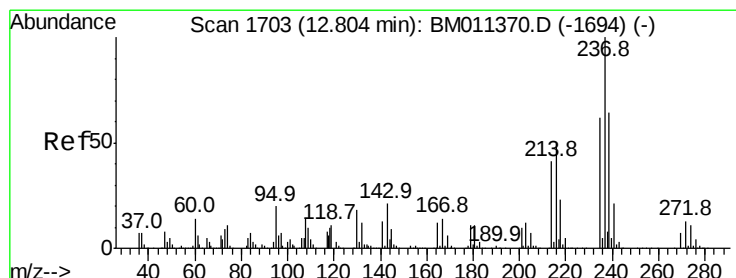
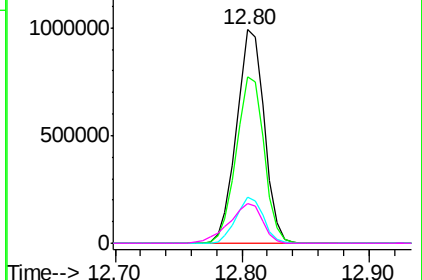
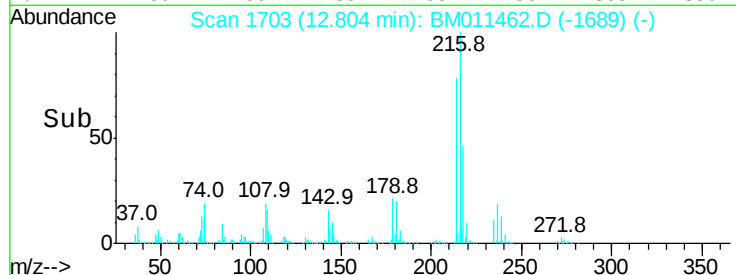


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 113.737 ng

RT: 12.79 min Scan# 1700

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

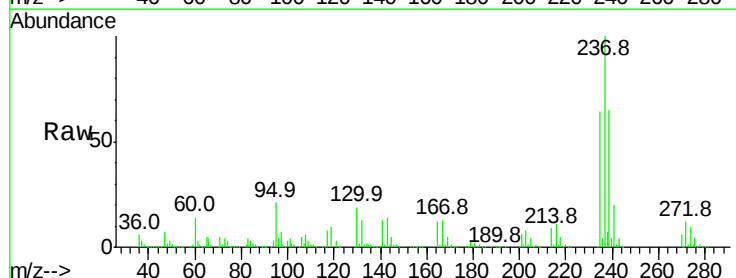
Tgt Ion:237 Resp: 1809683

Ion Ratio Lower Upper

237 100

235 63.6 42.0 82.0

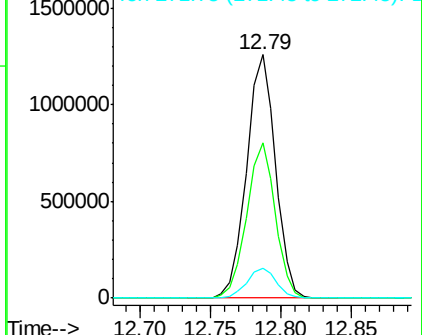
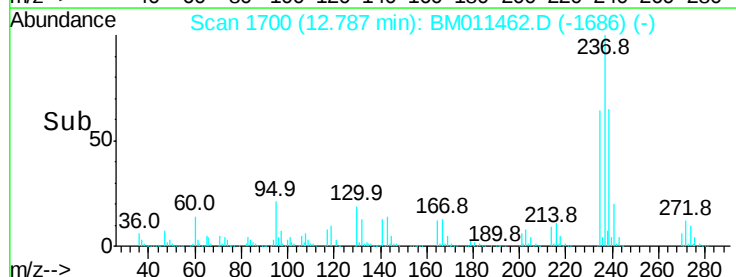
272 12.1 0.0 33.4

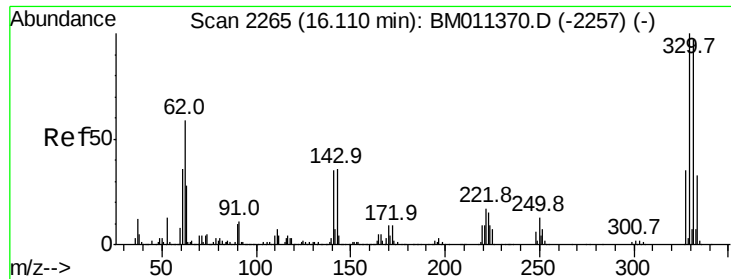


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

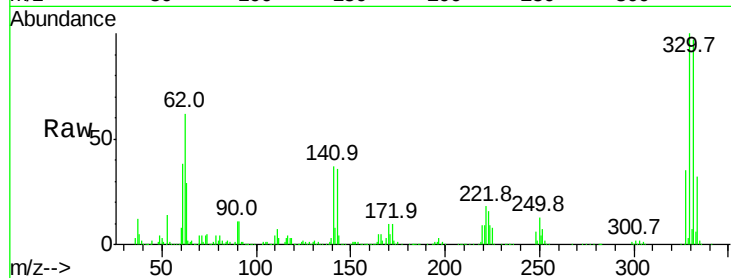




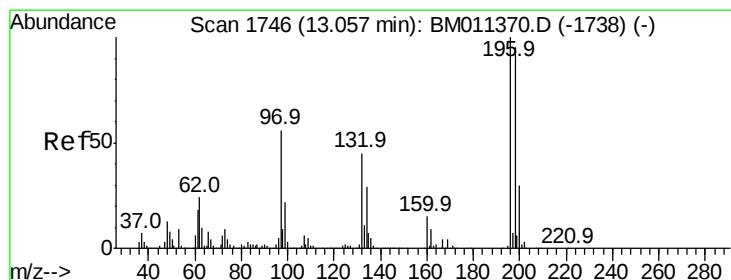
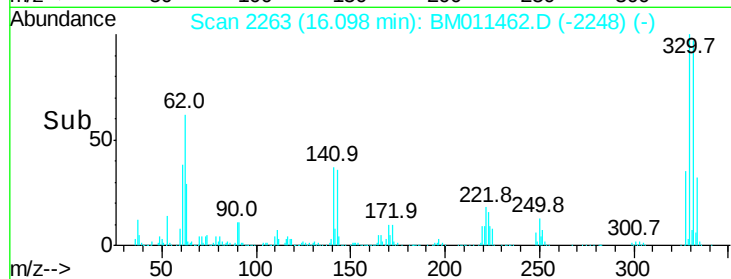
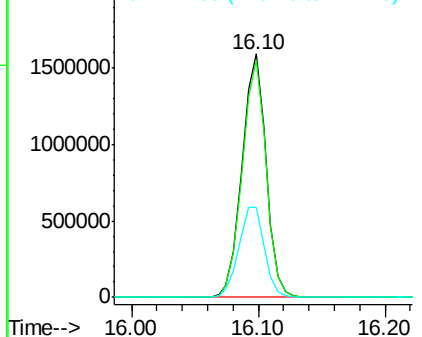
#41  
 2,4,6-Tribromophenol  
 Concen: 156.643 ng  
 RT: 16.10 min Scan# 2263  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

Tot Ion:330 Resp: 2090225  
 Ion Ratio Lower Upper  
 330 100  
 332 97.0 0.0 0.0#  
 141 39.6 0.0 0.0#

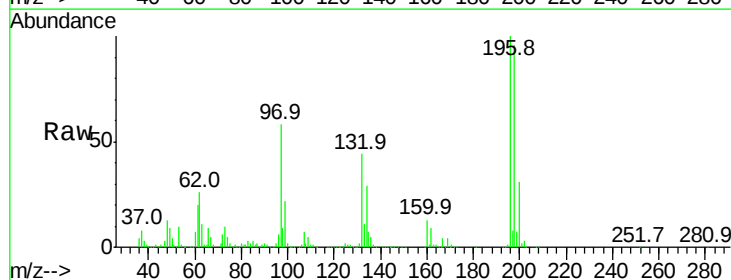


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

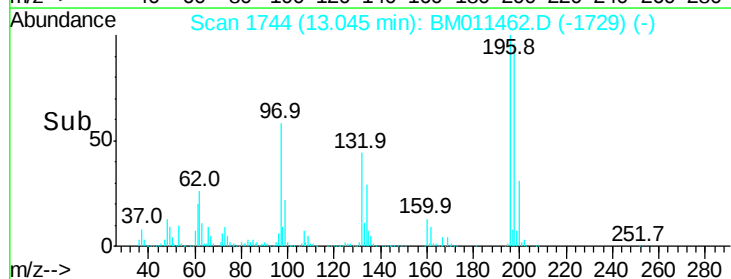
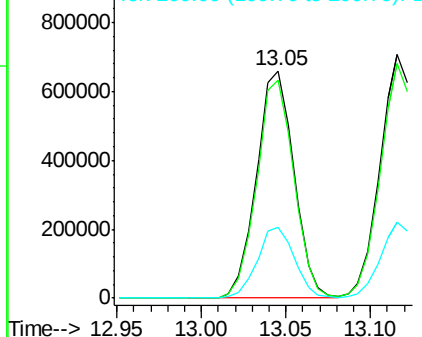


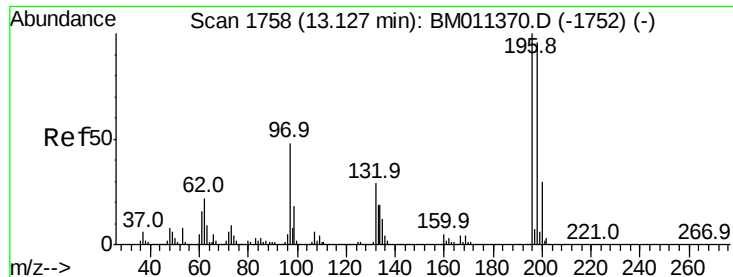
#42  
 2,4,6-Trichlorophenol  
 Concen: 44.085 ng  
 RT: 13.05 min Scan# 1744  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:196 Resp: 1012873  
 Ion Ratio Lower Upper  
 196 100  
 198 96.0 76.3 114.5  
 200 31.2 25.6 38.4



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

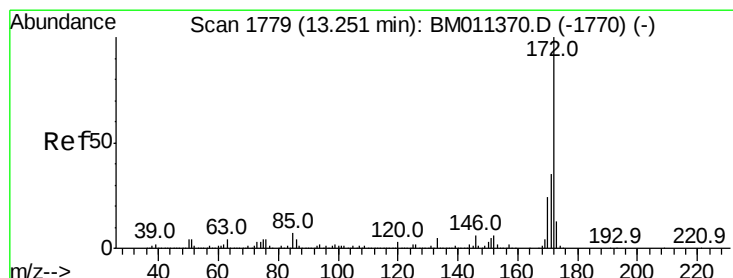
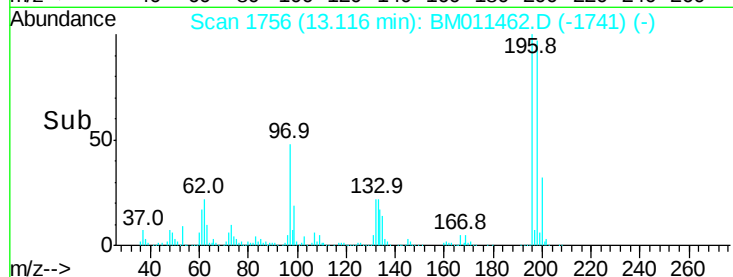
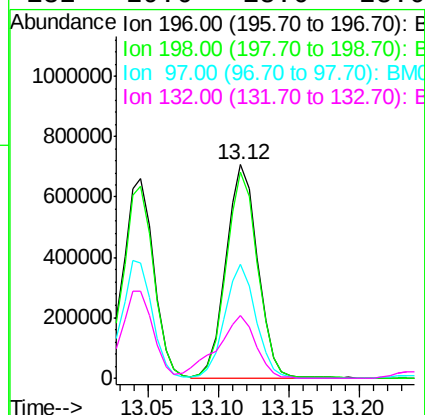
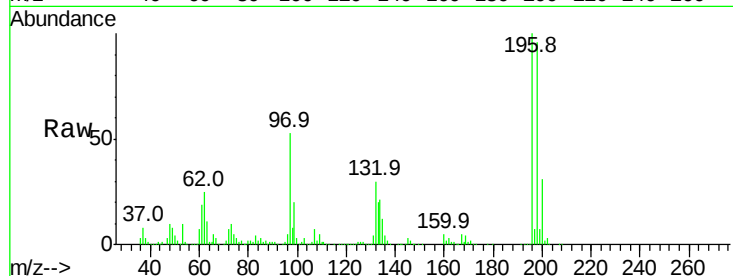




#43  
 2,4,5-Trichlorophenol  
 Concen: 47.060 ng  
 RT: 13.12 min Scan# 1756  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

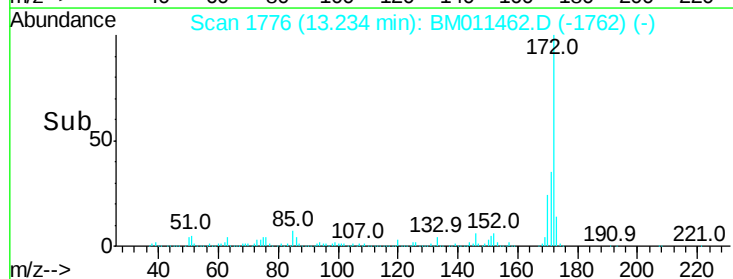
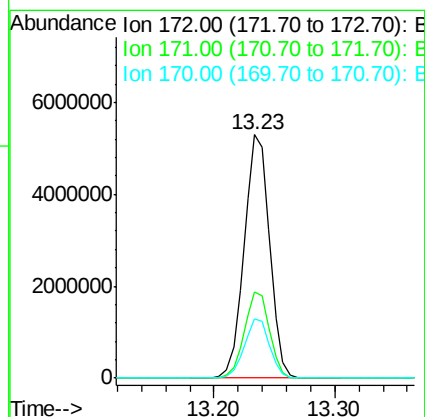
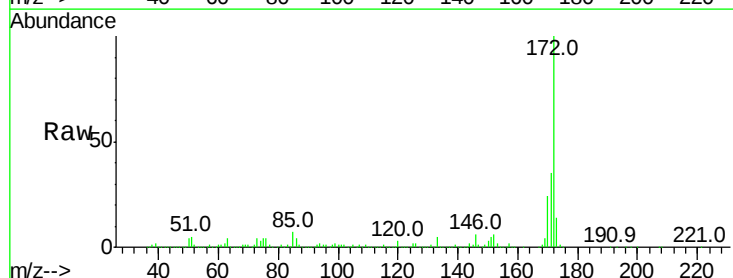
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

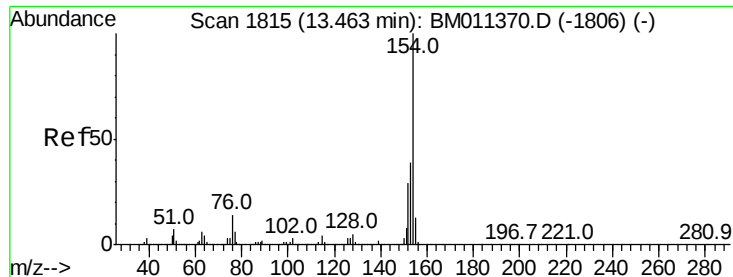
Tot Ion:196 Resp: 1098085  
 Ion Ratio Lower Upper  
 196 100  
 198 96.4 79.4 119.0  
 97 53.4 26.8 40.2#  
 132 29.6 18.6 28.0#



#44  
 2-Fluorobiphenyl  
 Concen: 97.109 ng  
 RT: 13.23 min Scan# 1776  
 Delta R.T. -0.02 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:172 Resp: 7769904  
 Ion Ratio Lower Upper  
 172 100  
 171 35.5 28.5 42.7  
 170 24.2 18.8 28.2





#45

1,1'-Biphenyl

Concen: 41.520 ng

RT: 13.45 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

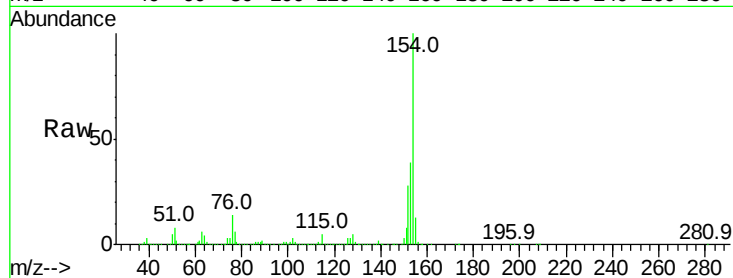
Tot Ion:154 Resp: 4251357

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 154 | 100   |       |       |
| 153 | 39.2  | 20.7  | 60.7  |
| 76  | 14.2  | 0.0   | 30.9  |

154 100

153 39.2 20.7 60.7

76 14.2 0.0 30.9

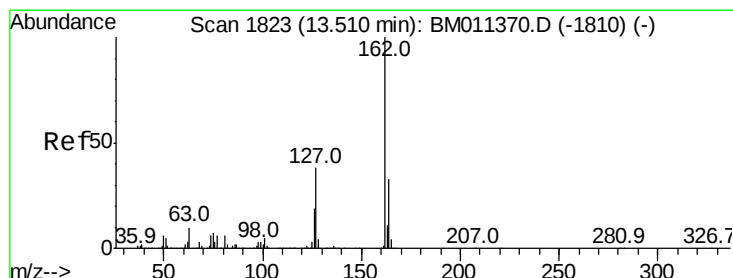
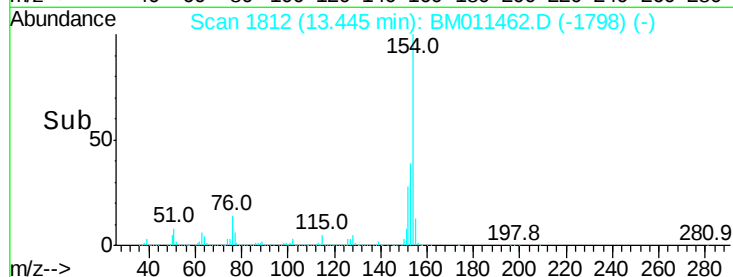
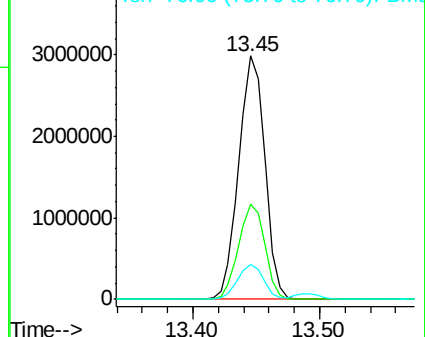


Abundance

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: 41.920 ng

RT: 13.49 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

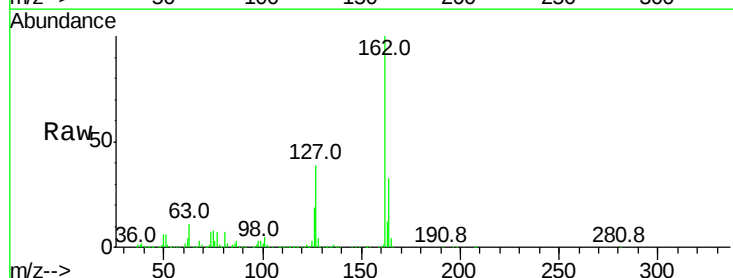
Tgt Ion:162 Resp: 3188571

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 162 | 100   |       |       |
| 127 | 38.9  | 26.9  | 40.3  |
| 164 | 32.8  | 26.8  | 40.2  |

162 100

127 38.9 26.9 40.3

164 32.8 26.8 40.2

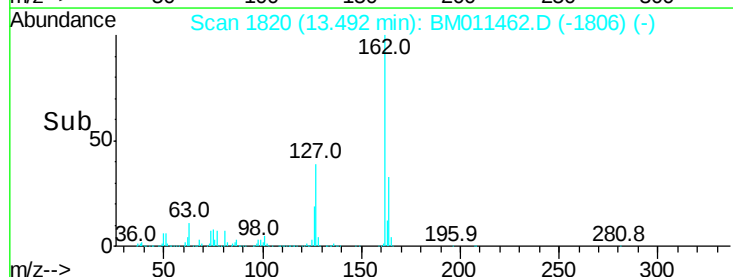
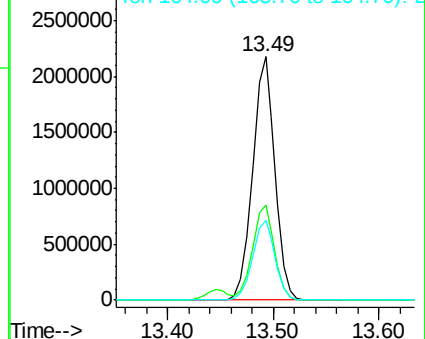


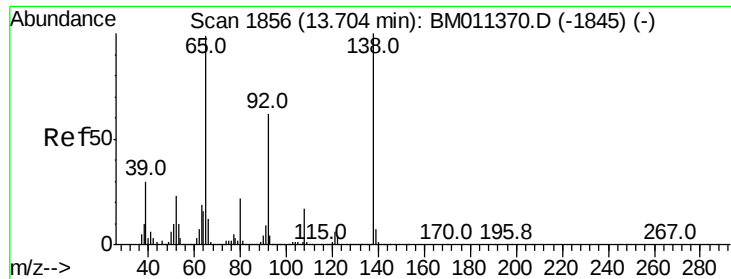
Abundance

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: 47.334 ng

RT: 13.69 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

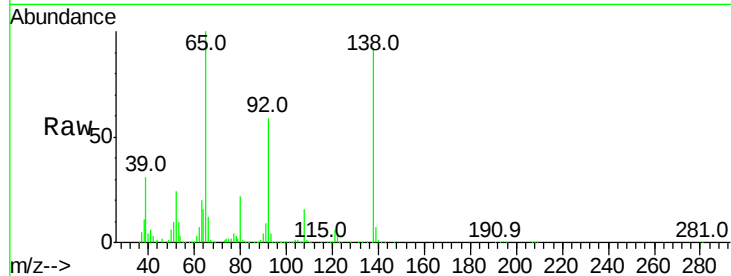
Tot Ion: 65 Resp: 1140300

| Ion | Ratio | Lower | Upper  |
|-----|-------|-------|--------|
| 65  | 100   |       |        |
| 92  | 58.6  | 59.1  | 88.7#  |
| 138 | 92.4  | 93.9  | 140.9# |

65 100

92 58.6 59.1 88.7#

138 92.4 93.9 140.9#



Abundance Ion 65.00 (64.70 to 65.70): BM011370.D (-1845) (-)

Ion 92.00 (91.70 to 92.70): BM011370.D (-1845) (-)

Ion 138.00 (137.70 to 138.70): BM011370.D (-1845) (-)

13.69

800000

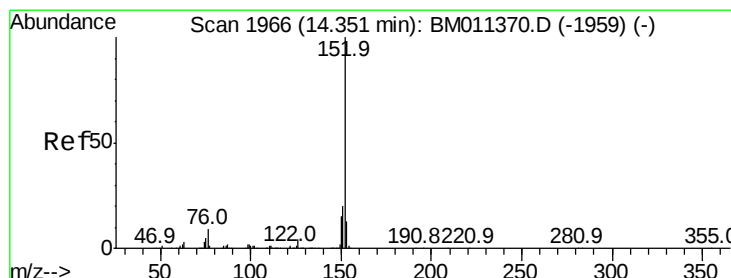
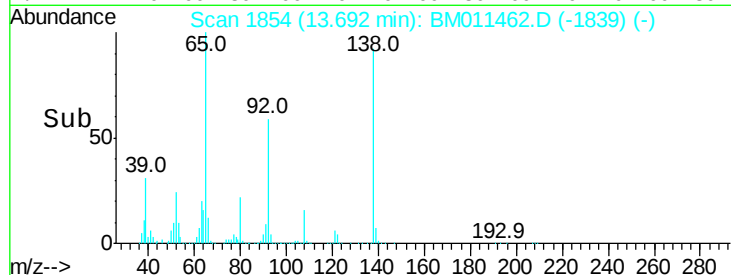
600000

400000

200000

0

Time--> 13.60 13.70



#48

Acenaphthylene

Concen: 43.910 ng

RT: 14.33 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

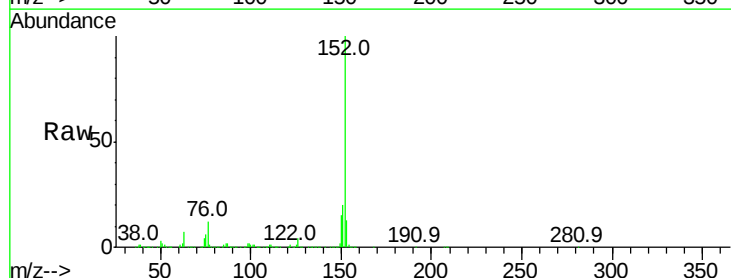
Tgt Ion: 152 Resp: 5204054

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 152 | 100   |       |       |
| 151 | 20.2  | 15.9  | 23.9  |
| 153 | 13.4  | 10.6  | 16.0  |

152 100

151 20.2 15.9 23.9

153 13.4 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM011370.D (-1959) (-)

Ion 151.00 (150.70 to 151.70): BM011370.D (-1959) (-)

Ion 153.00 (152.70 to 153.70): BM011370.D (-1959) (-)

14.33

4000000

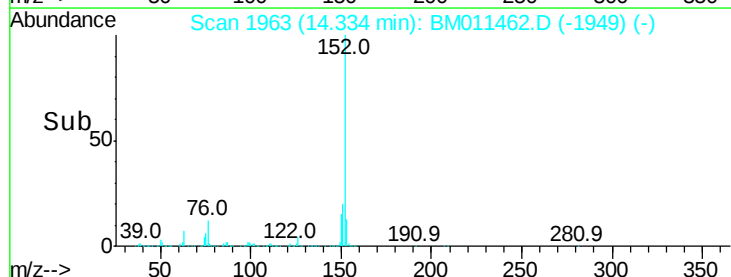
3000000

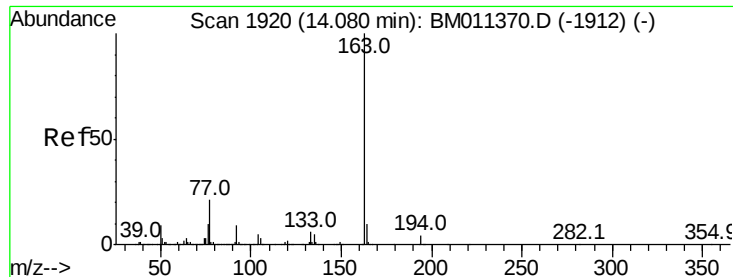
2000000

1000000

0

Time--> 14.20 14.30 14.40





#49

Dimethylphthalate

Concen: 43.332 ng

RT: 14.06 min Scan# 1917

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

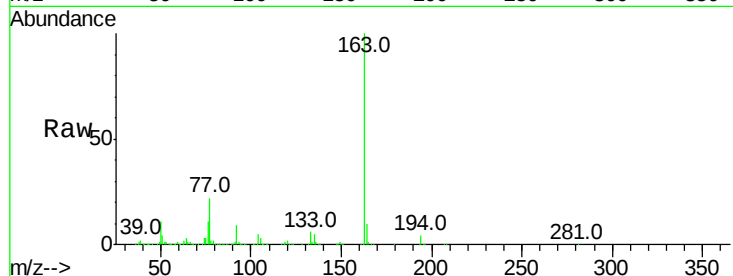
Tot Ion:163 Resp: 3971210

Ion Ratio Lower Upper

163 100

194 3.6 2.7 4.1

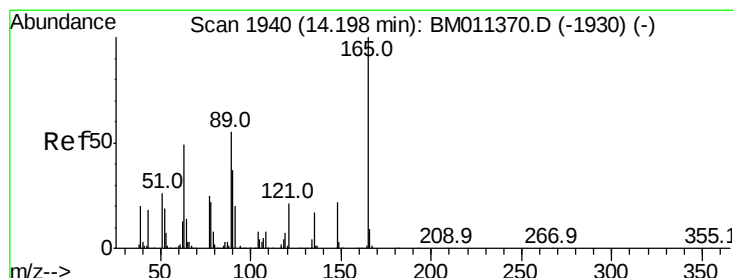
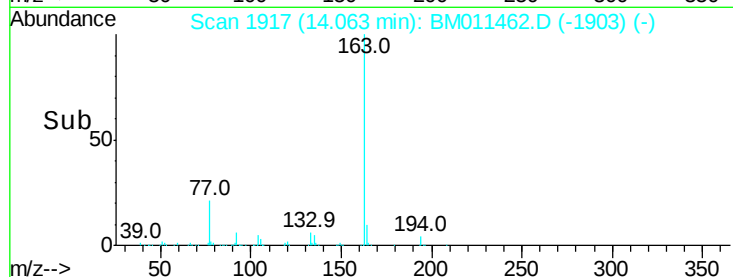
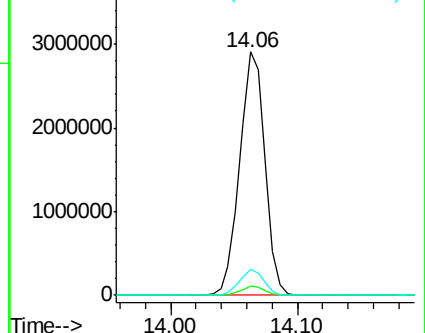
164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.997 ng

RT: 14.19 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

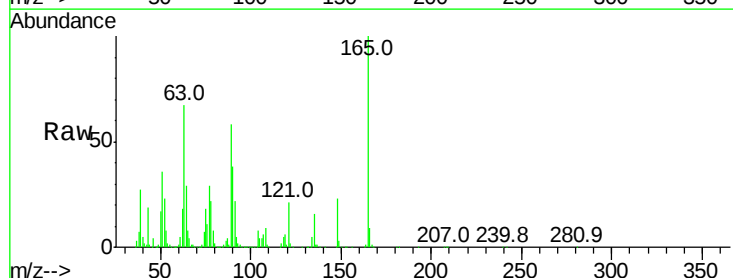
Tgt Ion:165 Resp: 815532

Ion Ratio Lower Upper

165 100

63 67.1 44.1 66.1#

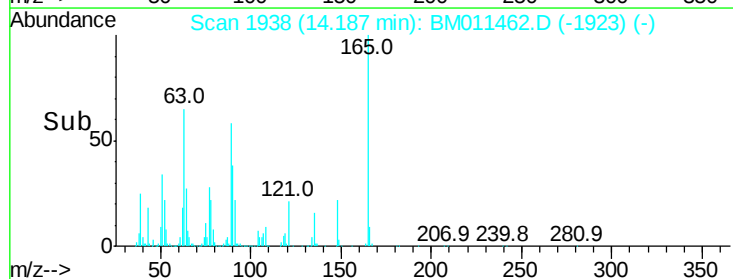
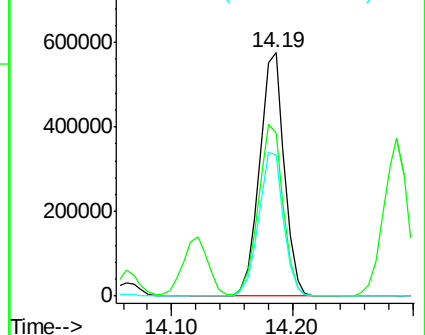
89 57.8 44.3 66.5

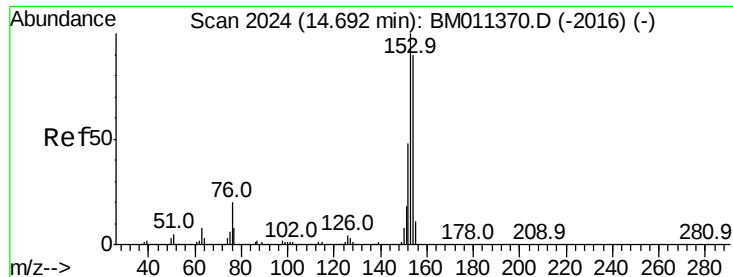


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 42.537 ng

RT: 14.67 min Scan# 2021

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

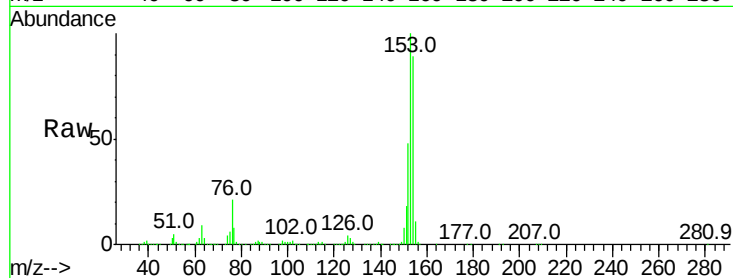
Tot Ion:154 Resp: 3273596

Ion Ratio Lower Upper

154 100

153 112.5 90.0 135.0

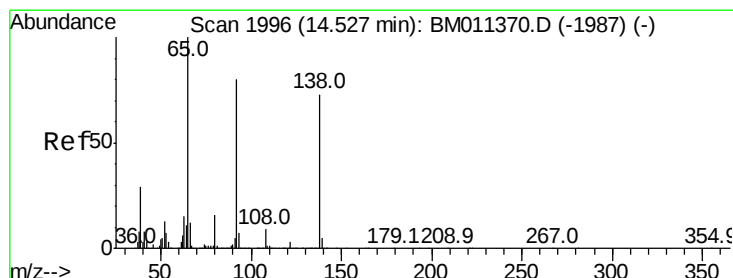
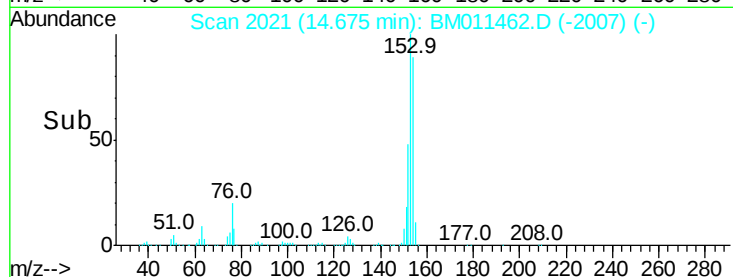
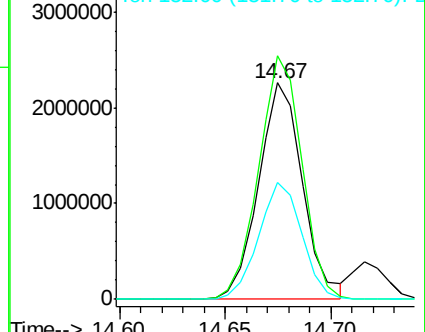
152 54.0 42.6 63.8



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



#52

3-Nitroaniline

Concen: 40.399 ng

RT: 14.52 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

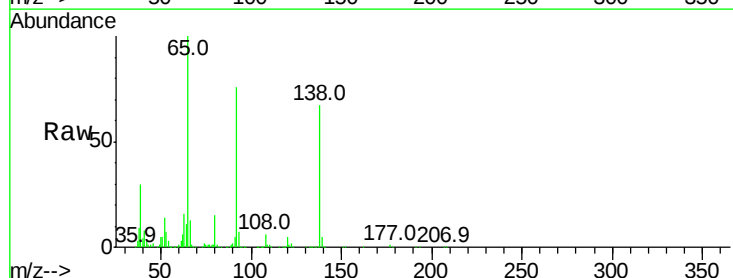
Tgt Ion:138 Resp: 910583

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

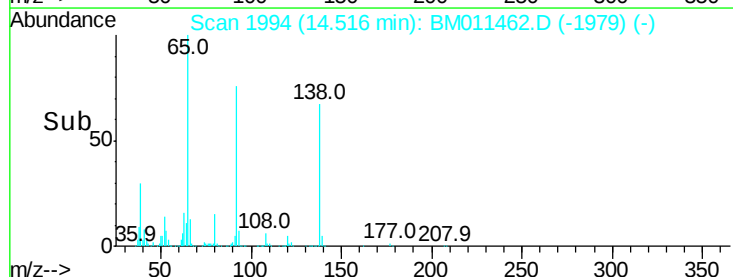
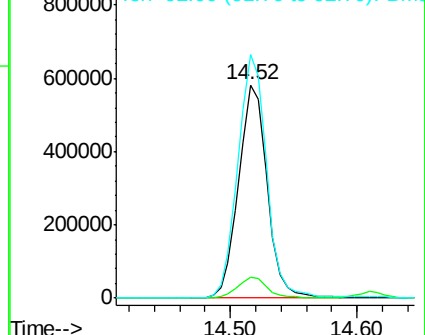
92 114.3 76.6 114.8

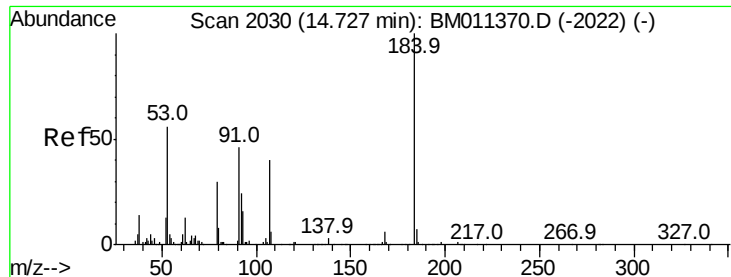


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 98.019 ng

RT: 14.72 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

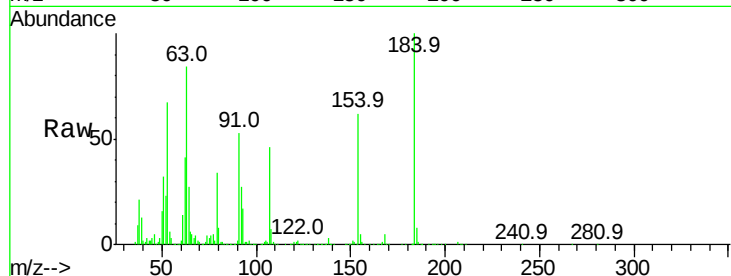
Tot Ion:184 Resp: 848693

Ion Ratio Lower Upper

184 100

63 84.3 69.2 103.8

154 61.9 53.3 79.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM011370.D (-2022) (-)

Ion 154.00 (153.70 to 154.70): E

3000000

2500000

2000000

1500000

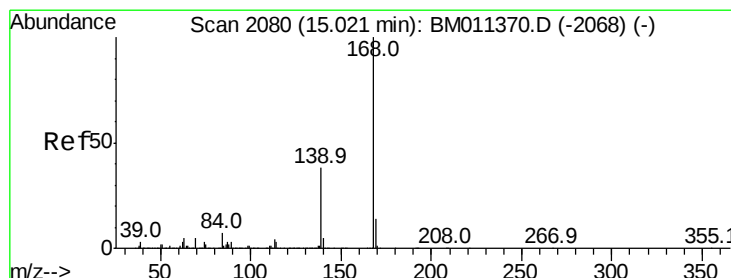
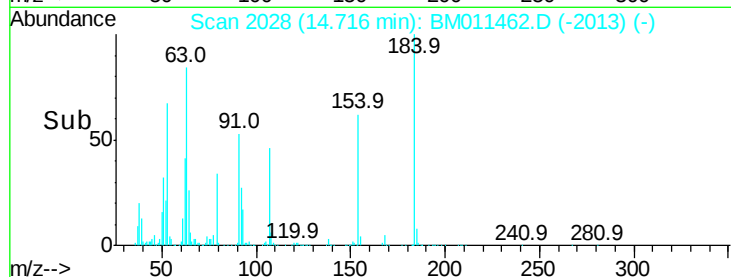
1000000

500000

0

14.70 14.80

Time-->



#54

Dibenzofuran

Concen: 47.337 ng

RT: 15.01 min Scan# 2078

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

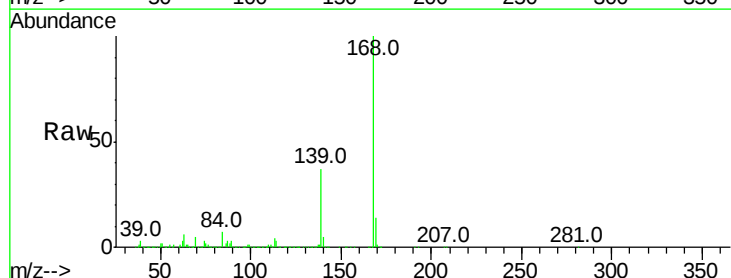
Tgt Ion:168 Resp: 5023309

Ion Ratio Lower Upper

168 100

139 37.5 27.3 40.9

169 13.6 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

5000000

4000000

3000000

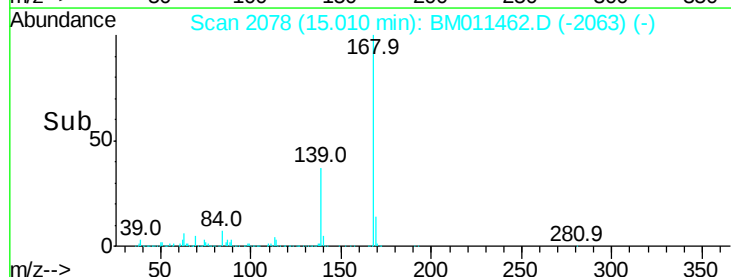
2000000

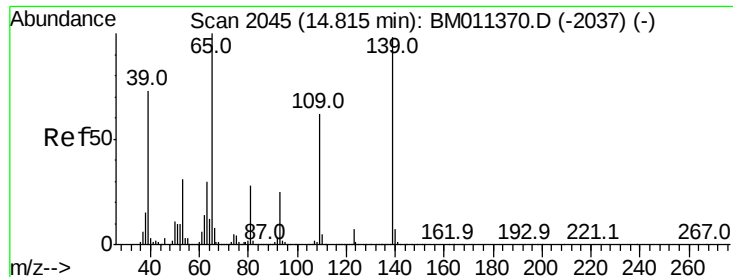
1000000

0

14.90 15.00 15.10

Time-->

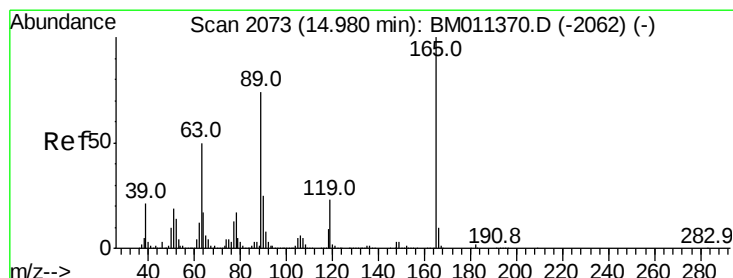
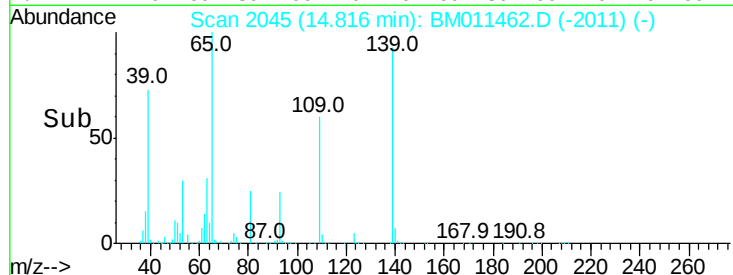
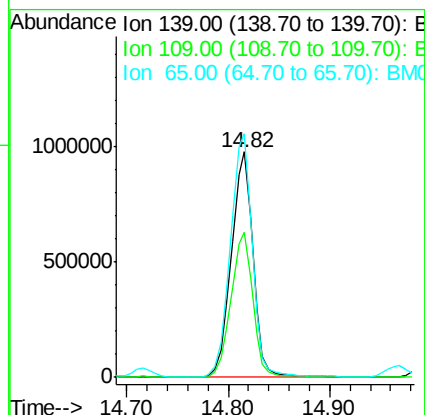
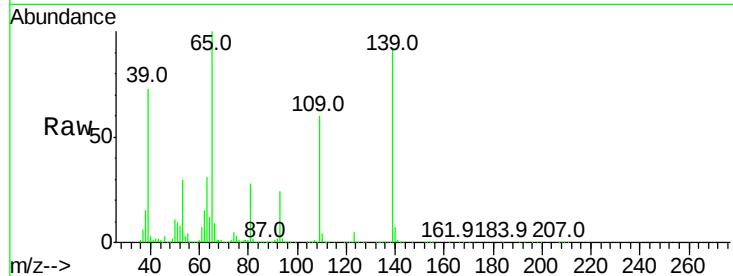




#55  
4-Nitrophenol  
Concen: 82.959 ng  
RT: 14.82 min Scan# 2045  
Delta R.T. 0.00 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

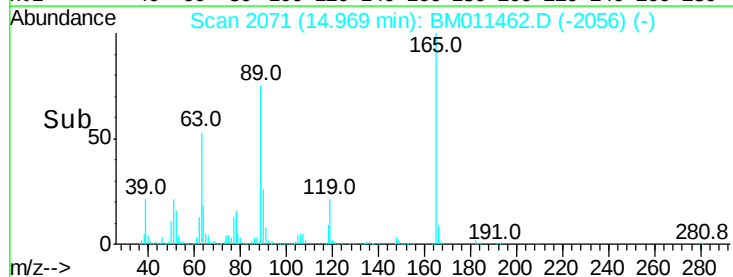
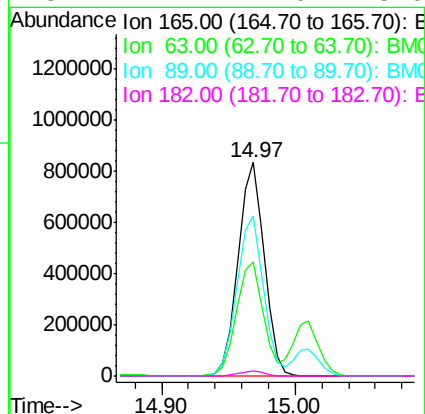
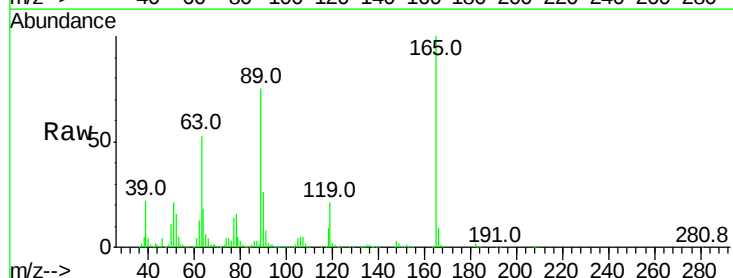
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

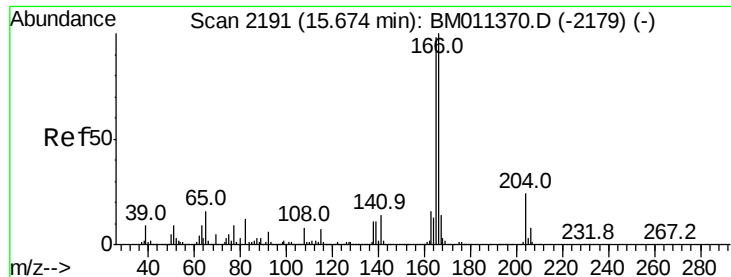
Tot Ion:139 Resp: 1455196  
Ion Ratio Lower Upper  
139 100  
109 64.6 130.0 170.0#  
65 108.1 130.0 170.0#



#56  
2,4-Dinitrotoluene  
Concen: 46.392 ng  
RT: 14.97 min Scan# 2071  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:165 Resp: 1132301  
Ion Ratio Lower Upper  
165 100  
63 53.1 52.4 78.6  
89 74.7 72.4 108.6  
182 2.2 2.0 3.0





#57

Fluorene

Concen: 45.934 ng

RT: 15.66 min Scan# 2188

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

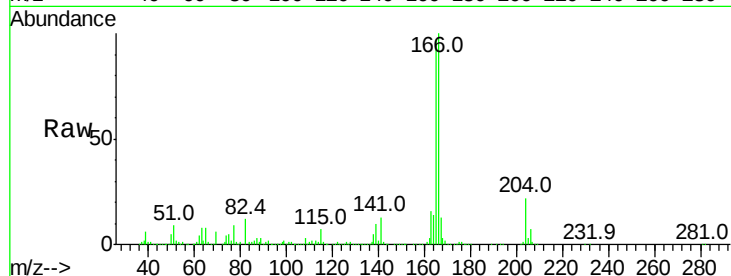
Tot Ion:166 Resp: 4249565

Ion Ratio Lower Upper

166 100

165 97.2 79.0 118.4

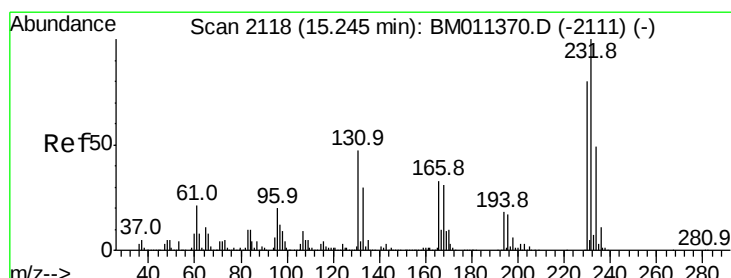
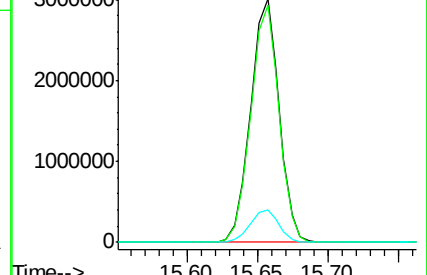
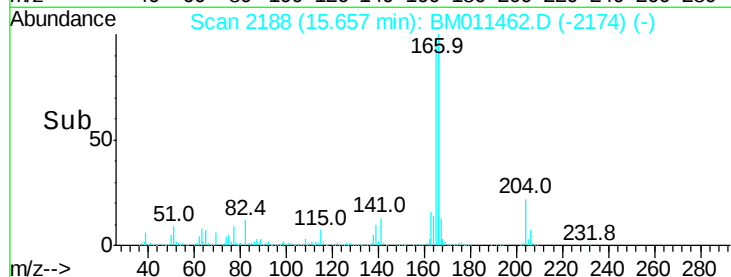
167 13.4 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 51.484 ng

RT: 15.23 min Scan# 2115

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Tgt Ion:232 Resp: 972093

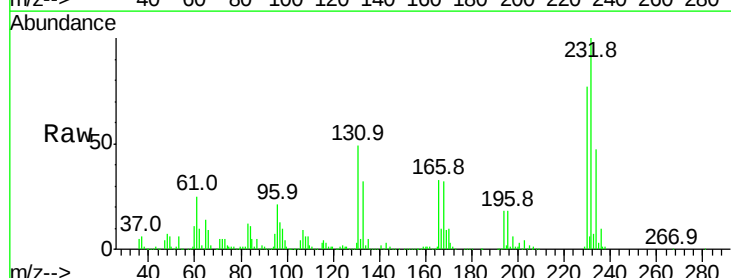
Ion Ratio Lower Upper

232 100

131 48.7 0.0 0.0#

130 2.4 0.0 0.0#

166 33.3 0.0 0.0#

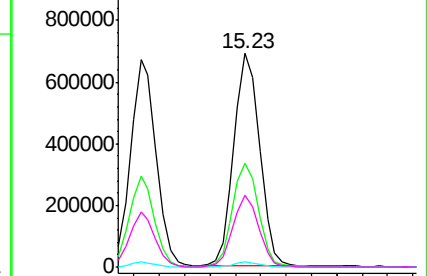
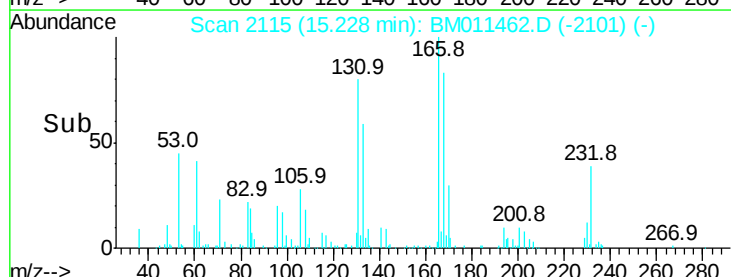


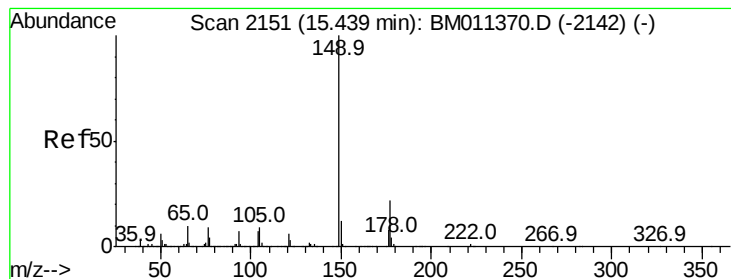
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 43.983 ng

RT: 15.42 min Scan# 2148

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

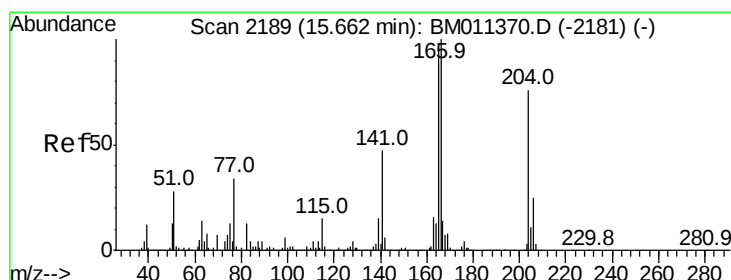
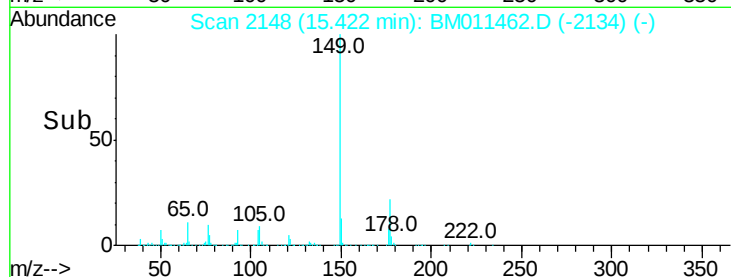
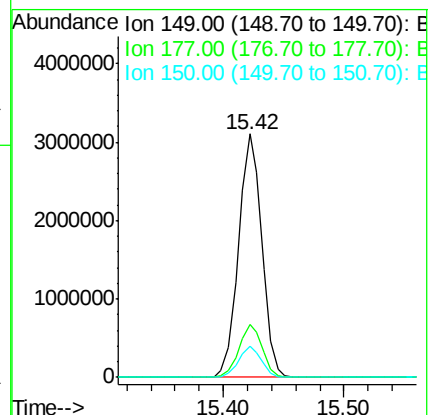
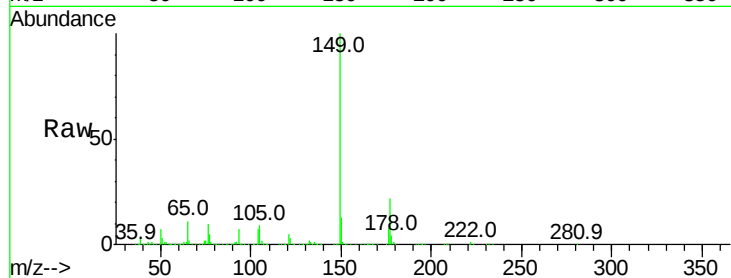
Tot Ion:149 Resp: 4153091

Ion Ratio Lower Upper

149 100

177 21.6 18.3 27.5

150 12.8 9.8 14.8



#60

4-Chlorophenyl-phenylether

Concen: 45.730 ng

RT: 15.65 min Scan# 2186

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

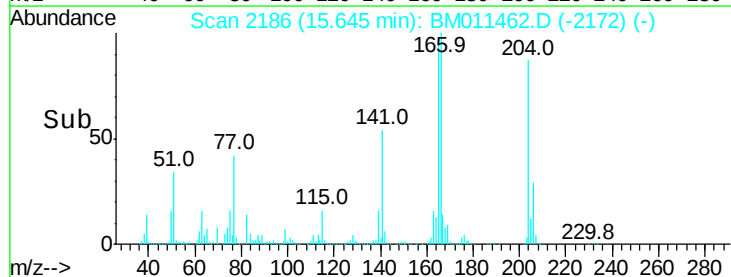
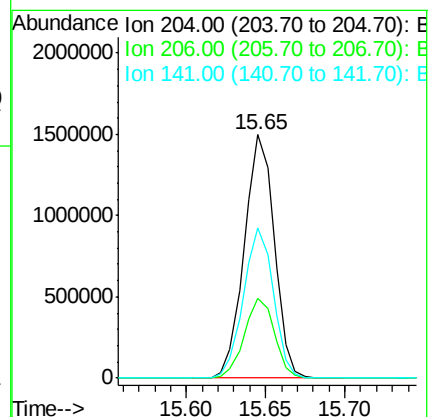
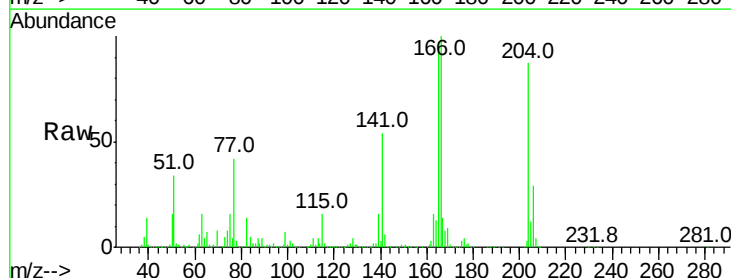
Tgt Ion:204 Resp: 1973399

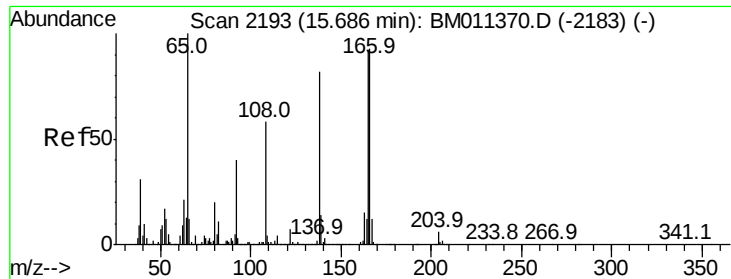
Ion Ratio Lower Upper

204 100

206 32.6 26.6 39.8

141 61.8 45.2 67.8

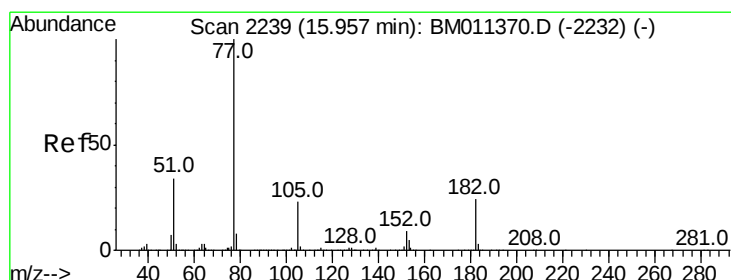
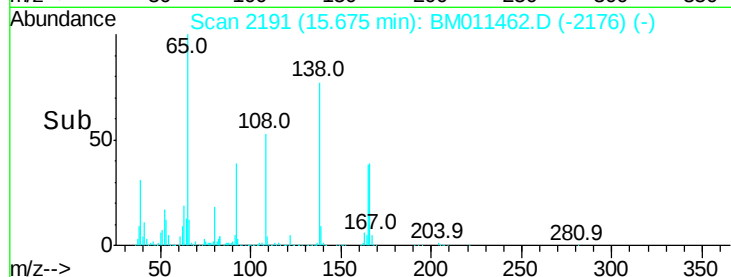
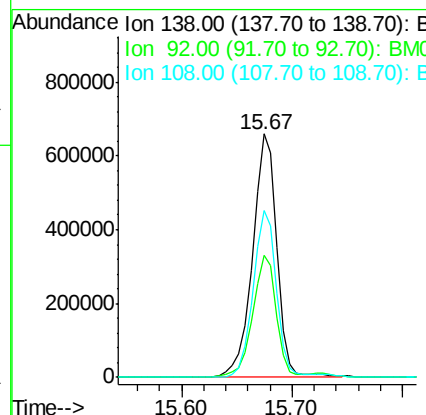
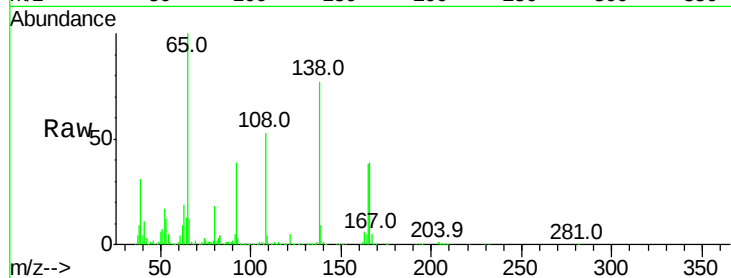




#61  
4-Nitroaniline  
Concen: 43.473 ng  
RT: 15.67 min Scan# 2191  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

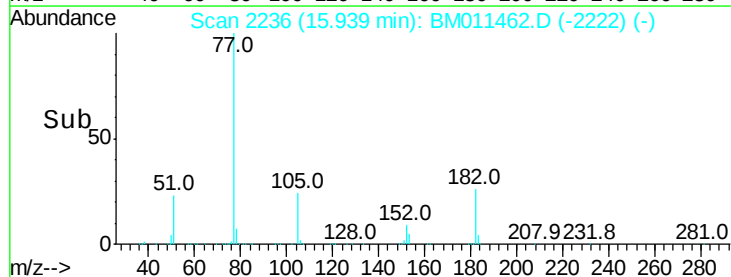
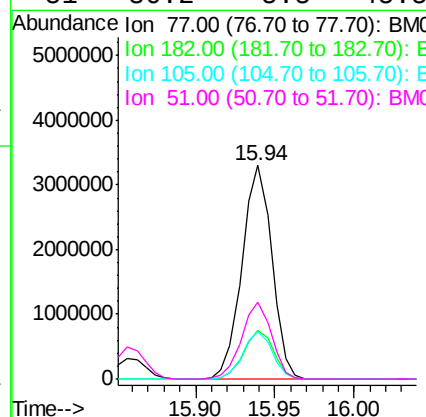
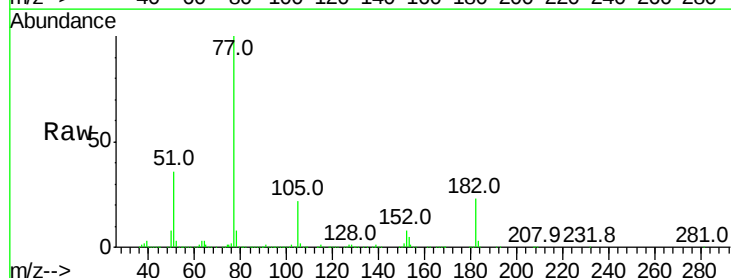
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

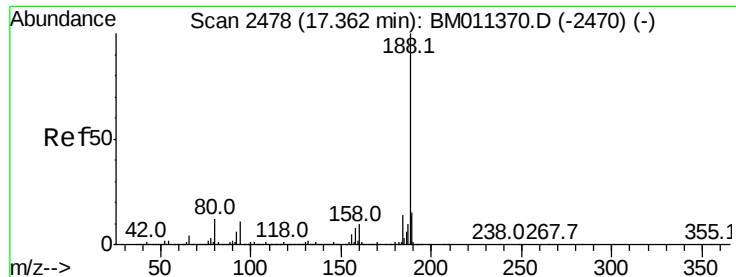
Tot Ion:138 Resp: 1018596  
Ion Ratio Lower Upper  
138 100  
92 50.3 16.7 56.7  
108 68.7 37.6 77.6



#62  
Azobenzene  
Concen: 50.728 ng  
RT: 15.94 min Scan# 2236  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion: 77 Resp: 4316888  
Ion Ratio Lower Upper  
77 100  
182 23.0 6.5 46.5  
105 21.9 3.8 43.8  
51 36.2 5.5 45.5

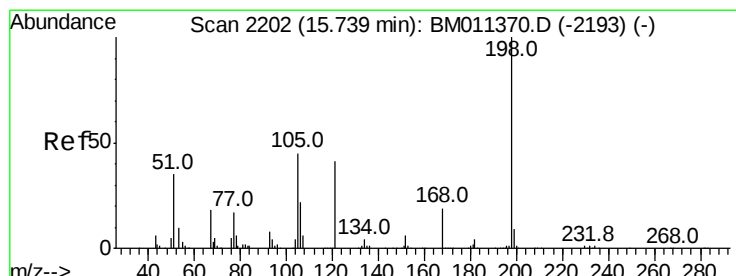
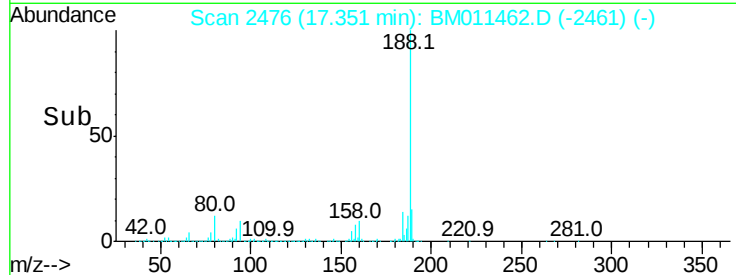
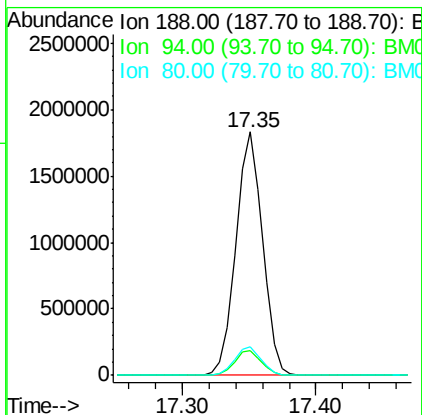
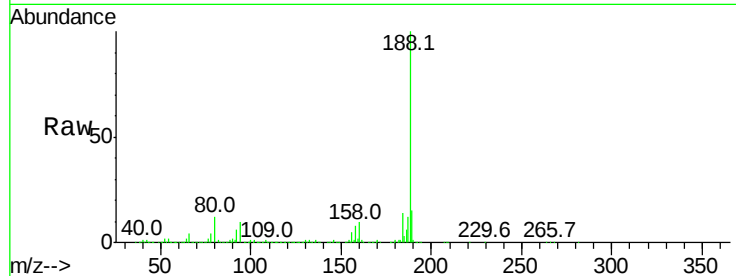




#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.35 min Scan# 2476  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

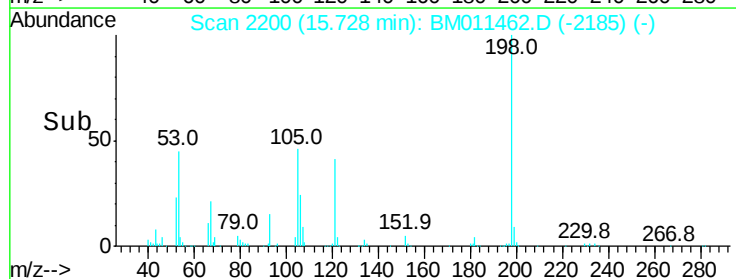
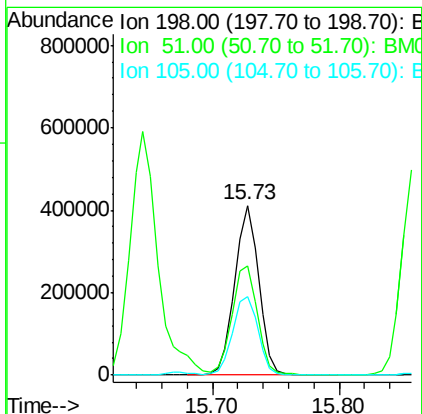
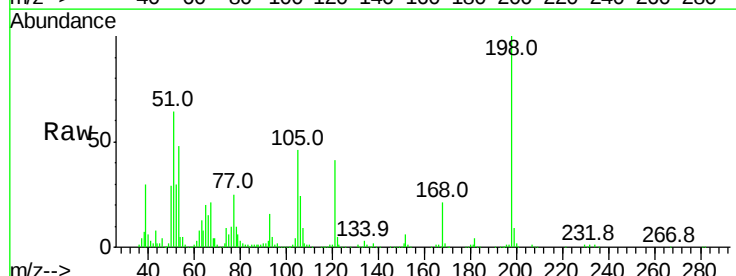
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

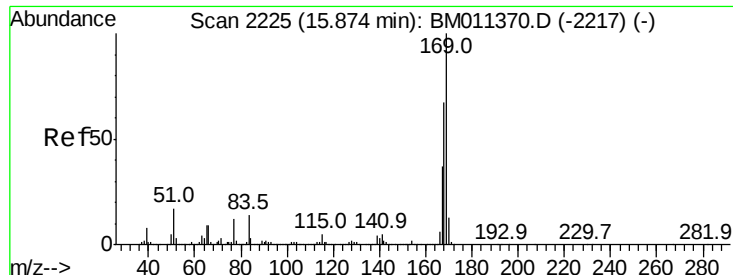
Tot Ion:188 Resp: 2529581  
Ion Ratio Lower Upper  
188 100  
94 10.2 8.7 13.1  
80 11.7 9.3 13.9



#64  
4,6-Dinitro-2-methylphenol  
Concen: 52.659 ng  
RT: 15.73 min Scan# 2200  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:198 Resp: 538886  
Ion Ratio Lower Upper  
198 100  
51 64.1 28.8 68.8  
105 46.2 30.5 70.5

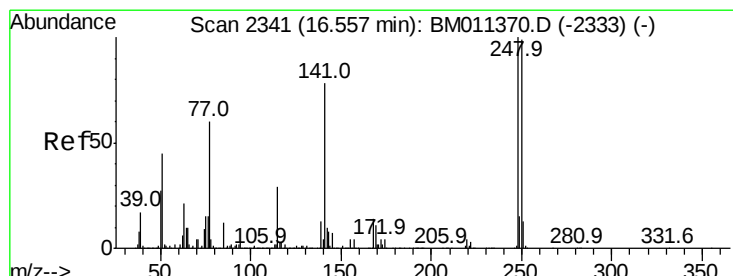
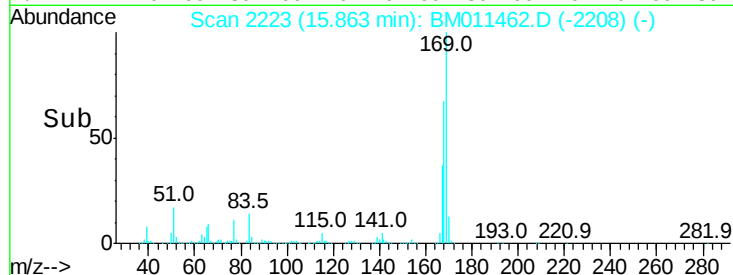
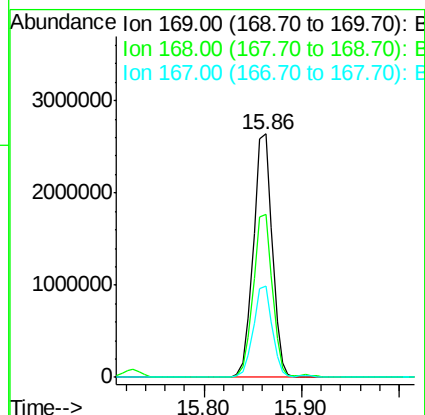
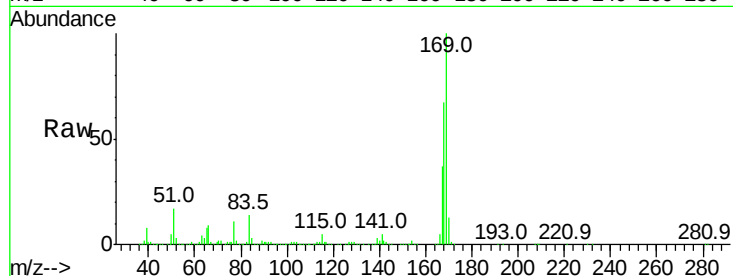




#65  
n-Nitrosodiphenylamine  
Concen: 44.681 ng  
RT: 15.86 min Scan# 2223  
Delta R.T. -0.01 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

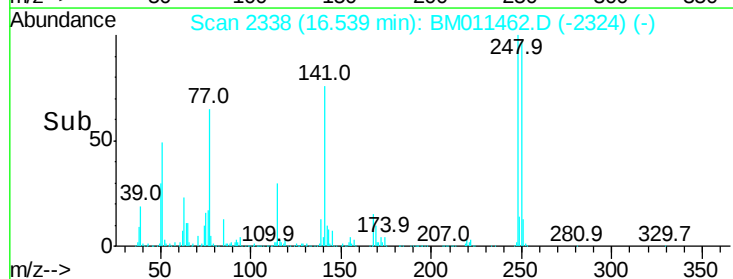
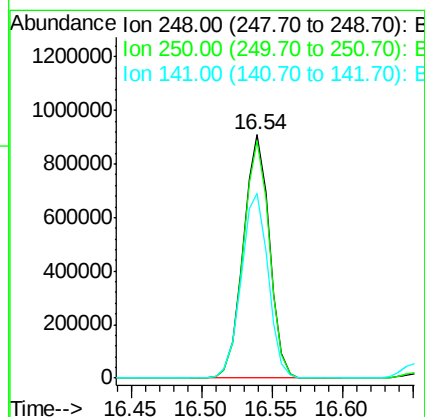
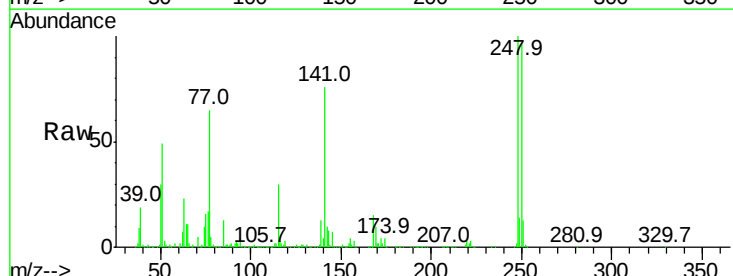
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

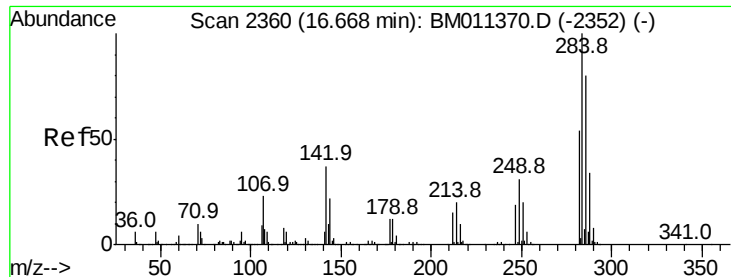
Tot Ion:169 Resp: 3561446  
Ion Ratio Lower Upper  
169 100  
168 67.1 53.9 80.9  
167 37.2 28.9 43.3



#66  
4-Bromophenyl-phenylether  
Concen: 44.239 ng  
RT: 16.54 min Scan# 2338  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:248 Resp: 1177104  
Ion Ratio Lower Upper  
248 100  
250 97.2 77.4 116.0  
141 75.7 45.2 67.8#





#67

Hexachlorobenzene

Concen: 39.900 ng

RT: 16.66 min Scan# 2358

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

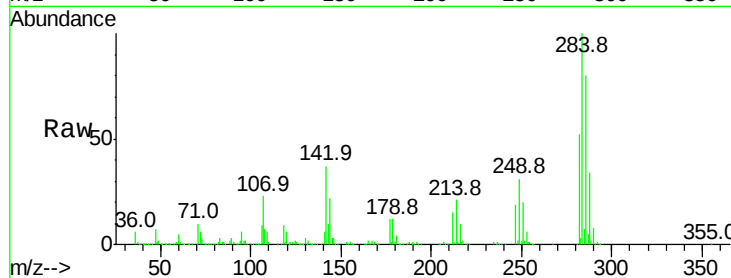
Tot Ion:284 Resp: 1245886

Ion Ratio Lower Upper

284 100

142 37.1 20.4 30.6#

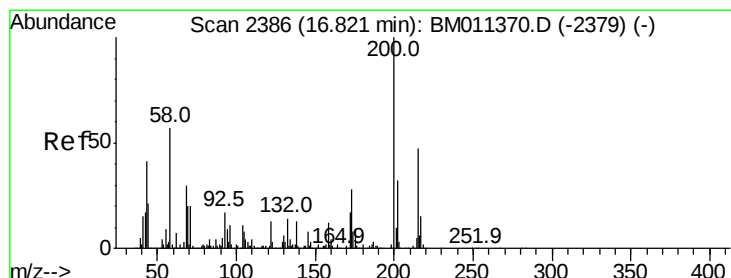
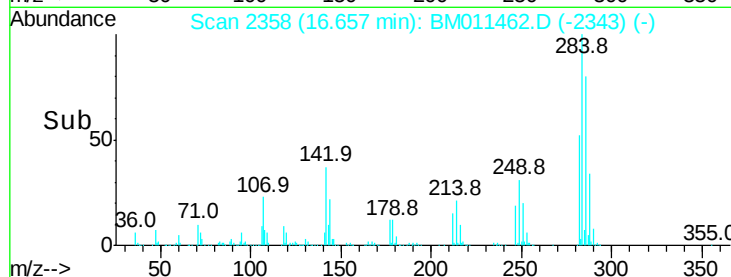
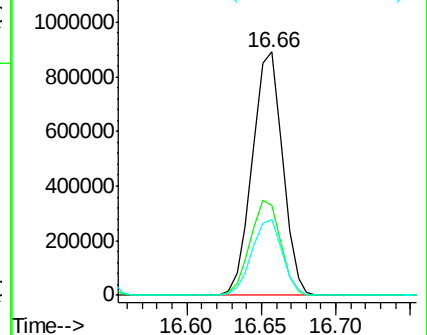
249 31.4 23.8 35.6



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: 47.401 ng

RT: 16.80 min Scan# 2383

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

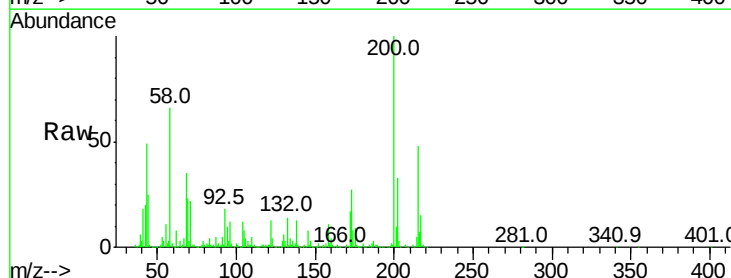
Tgt Ion:200 Resp: 1107327

Ion Ratio Lower Upper

200 100

173 27.2 4.8 44.8

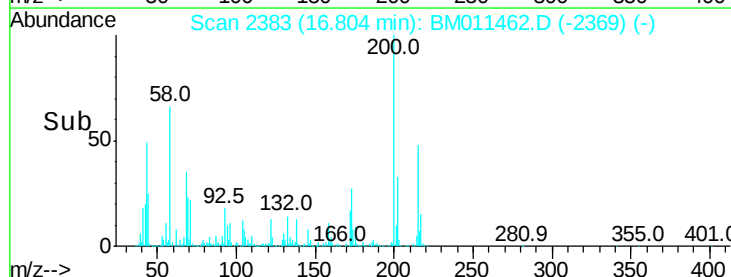
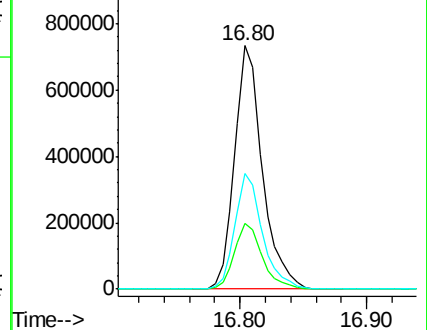
215 47.7 26.9 66.9

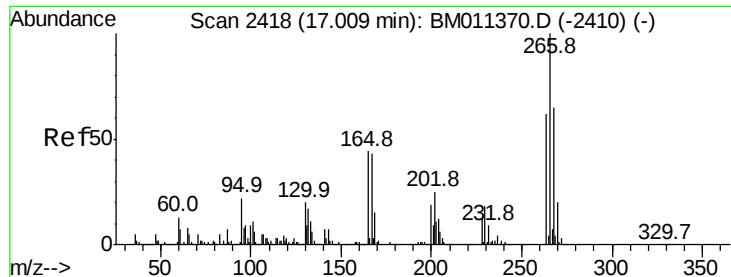


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

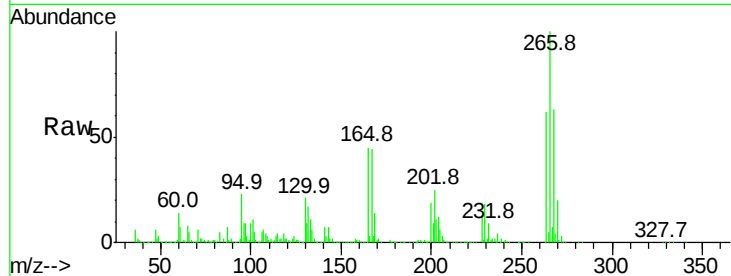




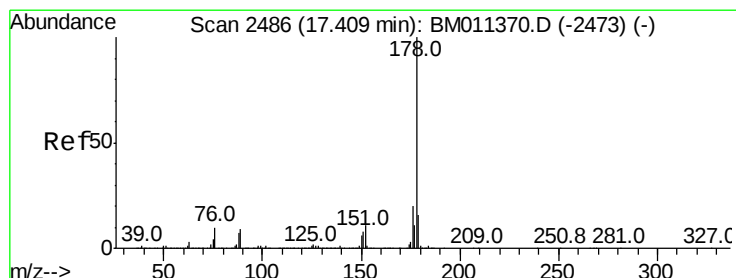
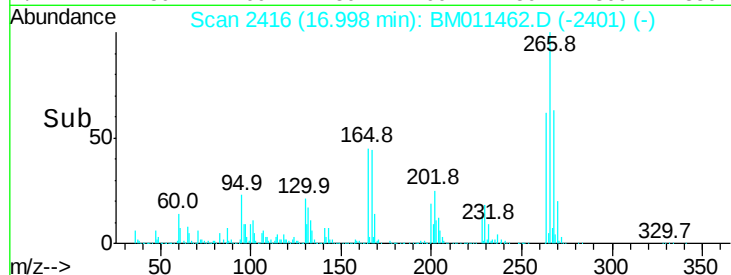
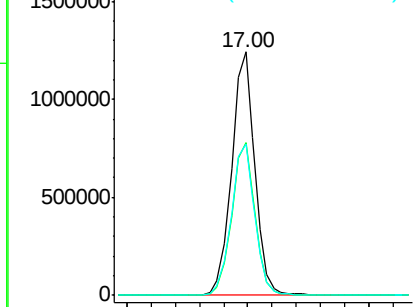
#69  
 Pentachlorophenol  
 Concen: 96.736 ng  
 RT: 17.00 min Scan# 2416  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

Tot Ion:266 Resp: 1658253  
 Ion Ratio Lower Upper  
 266 100  
 268 62.6 52.0 78.0  
 264 62.4 49.0 73.4

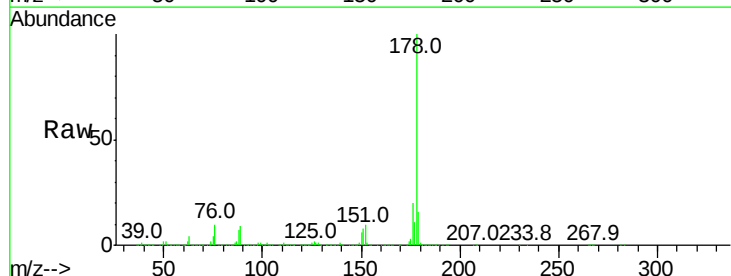


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 268.00 (267.70 to 268.70): E  
 Ion 264.00 (263.70 to 264.70): E

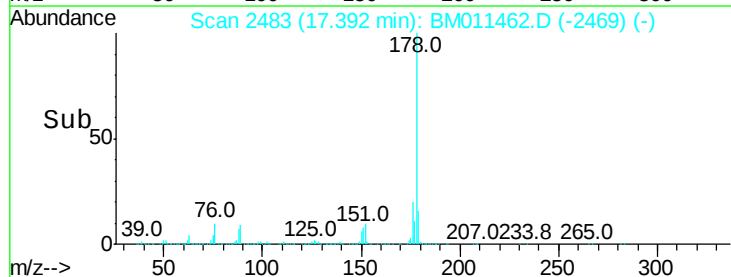
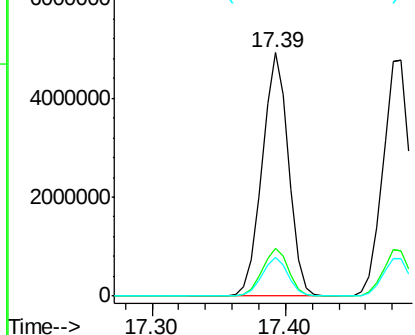


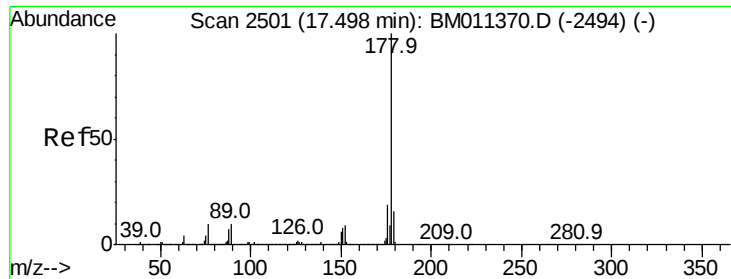
#70  
 Phenanthrene  
 Concen: 47.466 ng  
 RT: 17.39 min Scan# 2483  
 Delta R.T. -0.02 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:178 Resp: 6686726  
 Ion Ratio Lower Upper  
 178 100  
 176 19.6 15.2 22.8  
 179 16.0 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



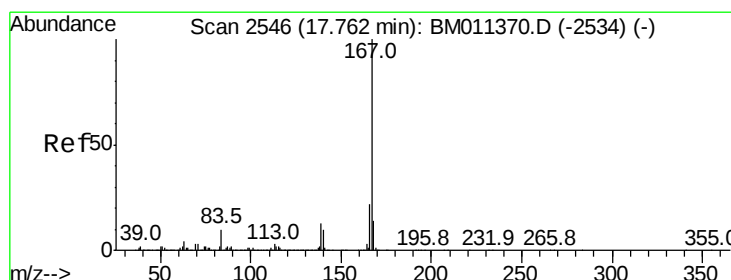
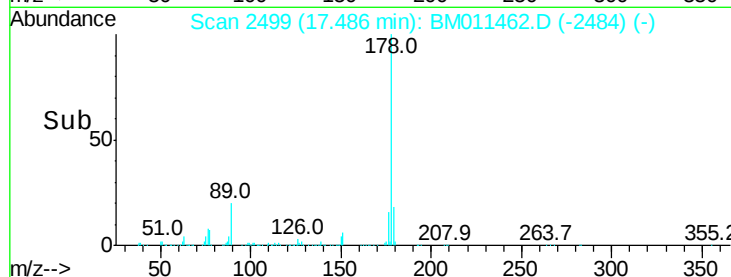
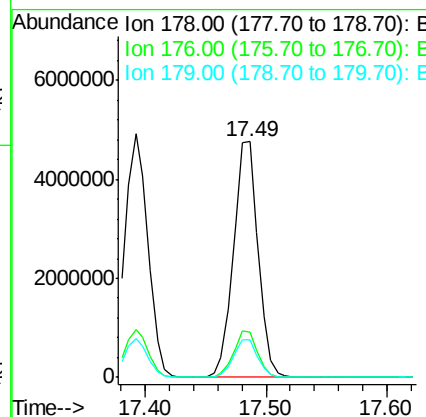
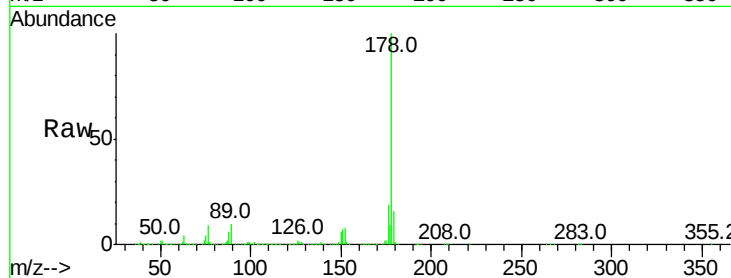


#71  
 Anthracene  
 Concen: 47.636 ng  
 RT: 17.49 min Scan# 2499  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

Tot Ion:178 Resp: 6747916  

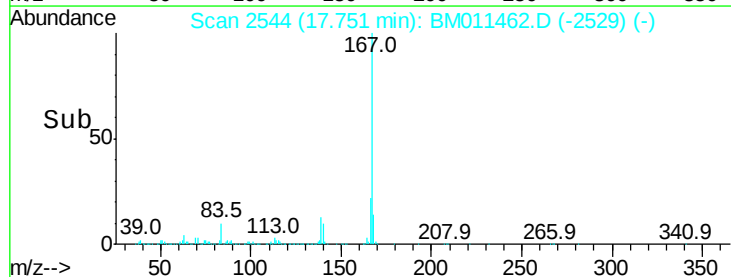
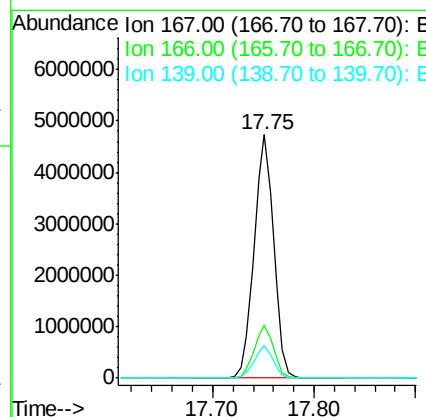
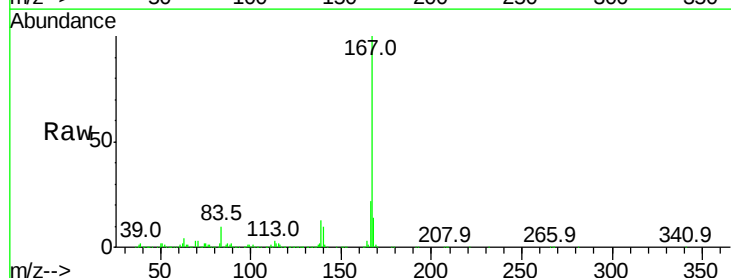
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 178 | 100   |       |       |
| 176 | 19.2  | 14.6  | 22.0  |
| 179 | 15.9  | 12.6  | 19.0  |

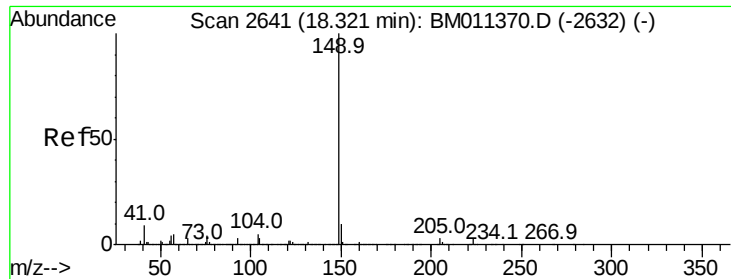


#72  
 Carbazole  
 Concen: 46.433 ng  
 RT: 17.75 min Scan# 2544  
 Delta R.T. -0.01 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:167 Resp: 6338714  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 167 | 100   |       |       |
| 166 | 21.8  | 17.2  | 25.8  |
| 139 | 13.1  | 10.8  | 16.2  |

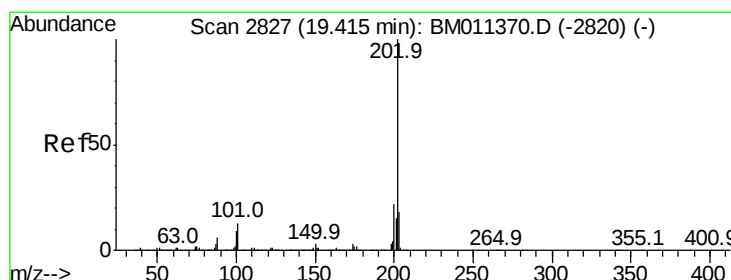
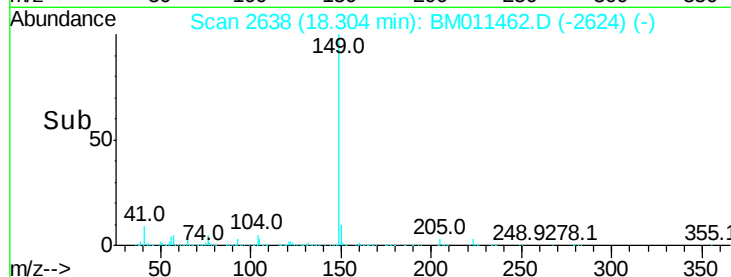
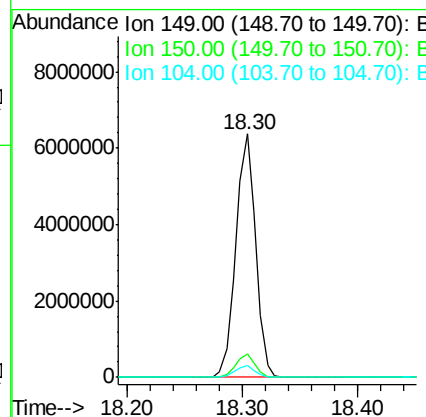
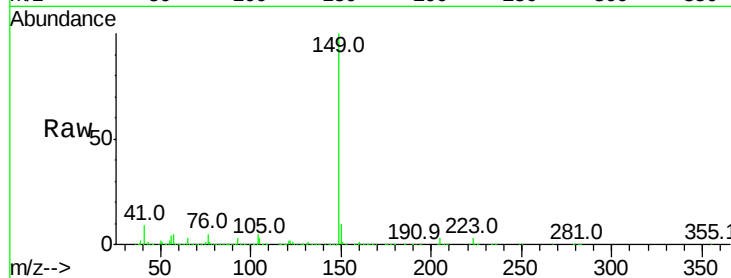




#73  
Di-n-butylphthalate  
Concen: 47.276 ng  
RT: 18.30 min Scan# 2638  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

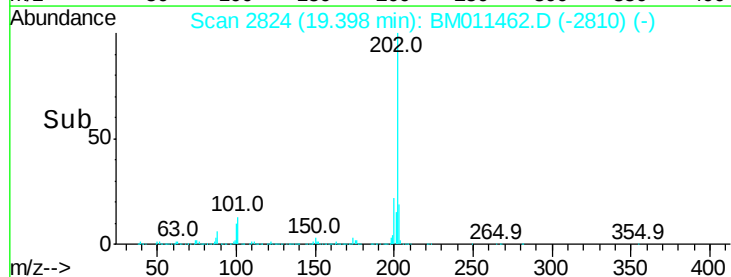
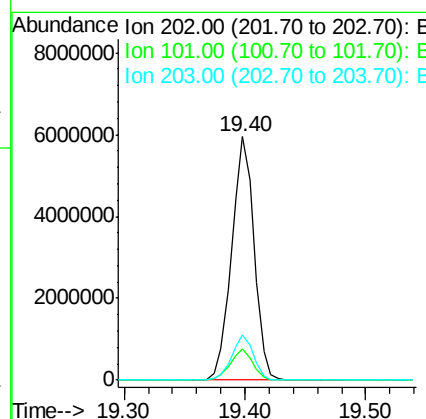
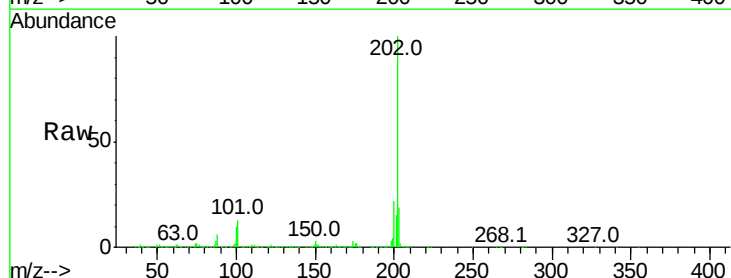
Instrument :  
BNA\_M  
ClientSampleId :  
OK-02-090517MS

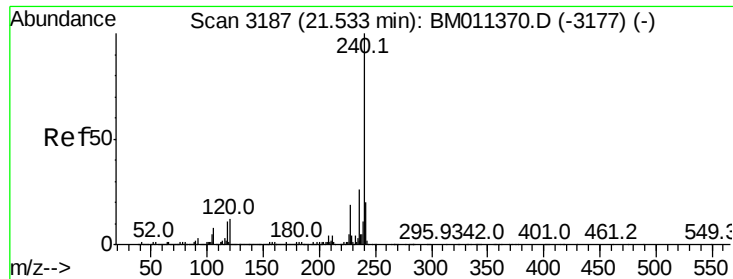
Tot Ion:149 Resp: 7497984  
Ion Ratio Lower Upper  
149 100  
150 9.5 7.5 11.3  
104 4.7 3.7 5.5



#74  
Fluoranthene  
Concen: 47.600 ng  
RT: 19.40 min Scan# 2824  
Delta R.T. -0.02 min  
Lab File: BM011462.D  
Acq: 07 Sep 2017 19:40

Tgt Ion:202 Resp: 7651367  
Ion Ratio Lower Upper  
202 100  
101 12.9 0.0 28.7  
203 18.7 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.52 min Scan# 3184

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

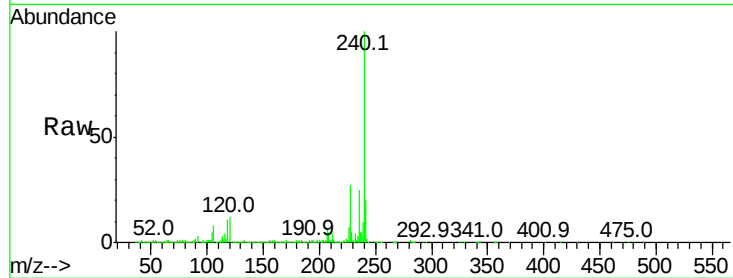
Tot Ion:240 Resp: 3075309

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 240 | 100   |       |       |
| 120 | 11.6  | 8.2   | 12.2  |
| 236 | 25.4  | 20.0  | 30.0  |

240 100

120 11.6 8.2 12.2

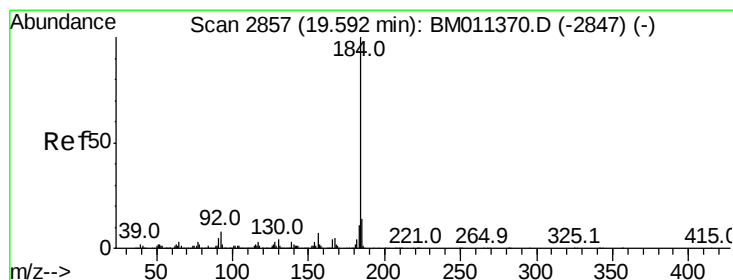
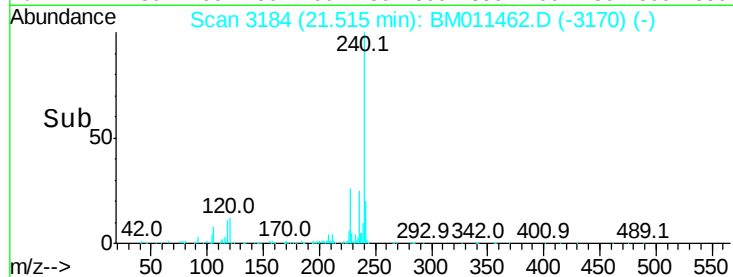
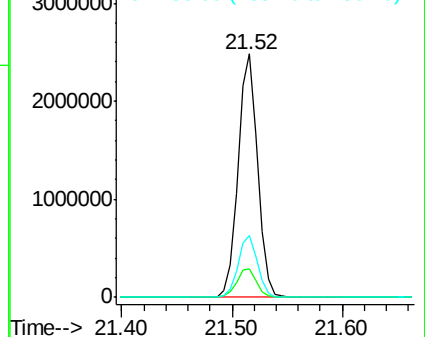
236 25.4 20.0 30.0



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: 64.067 ng

RT: 19.58 min Scan# 2855

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

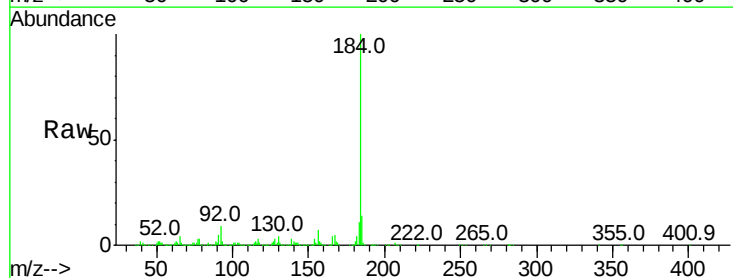
Tgt Ion:184 Resp: 3888594

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 184 | 100   |       |       |
| 185 | 14.3  | 11.3  | 16.9  |
| 183 | 11.1  | 8.9   | 13.3  |

184 100

185 14.3 11.3 16.9

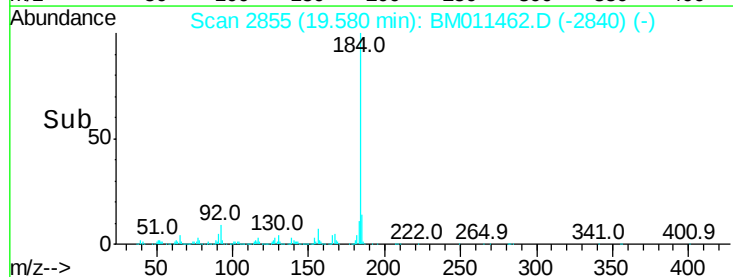
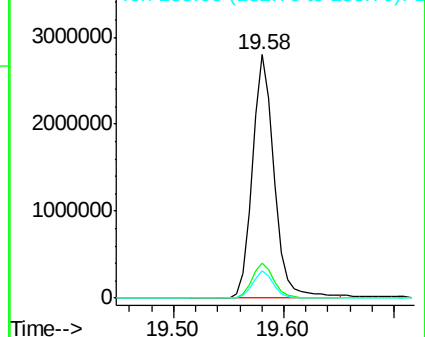
183 11.1 8.9 13.3

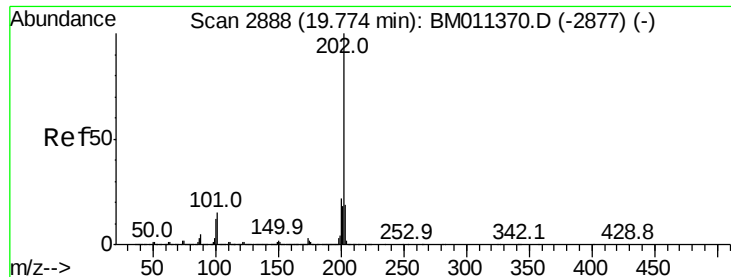


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 43.122 ng

RT: 19.76 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

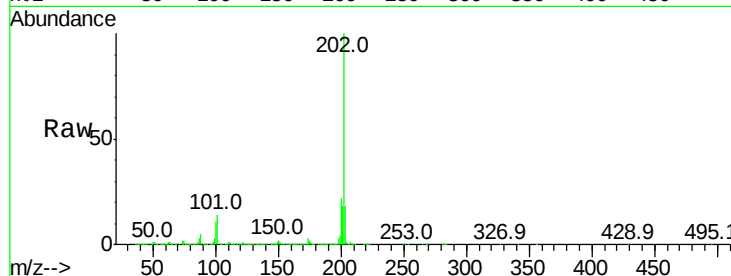
Tot Ion:202 Resp: 8126406

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

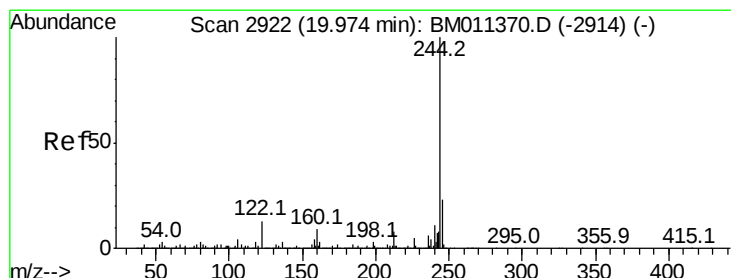
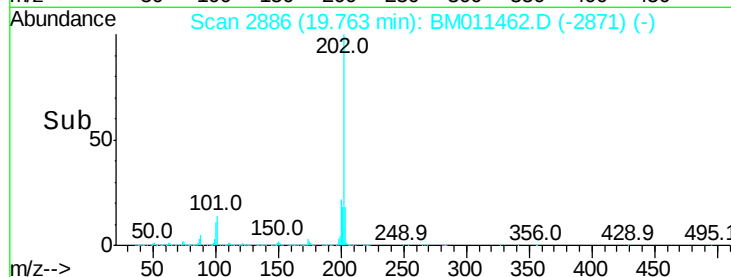
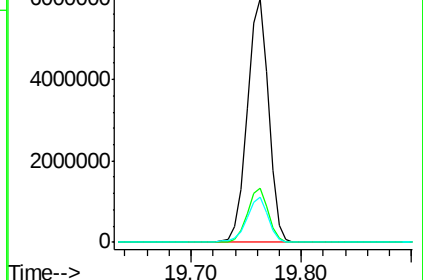
203 18.3 14.1 21.1



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: 88.771 ng

RT: 19.96 min Scan# 2919

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

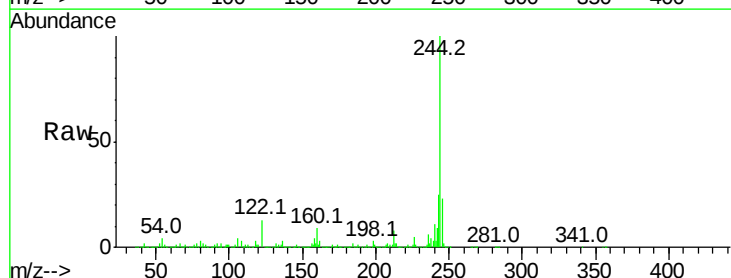
Tgt Ion:244 Resp:11002566

Ion Ratio Lower Upper

244 100

212 8.3 4.9 7.3#

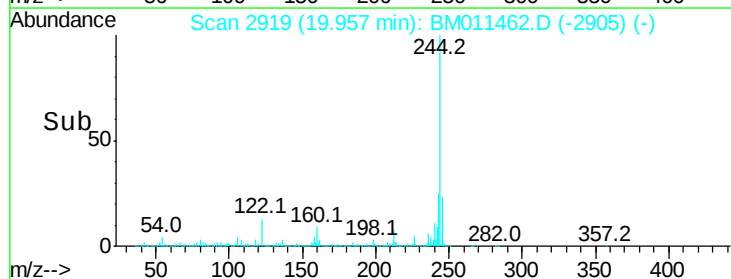
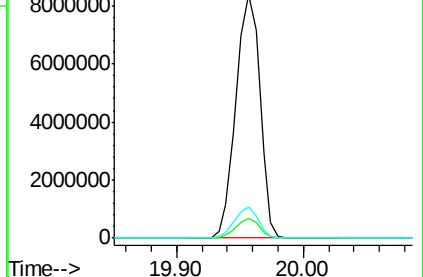
122 12.5 6.2 9.4#

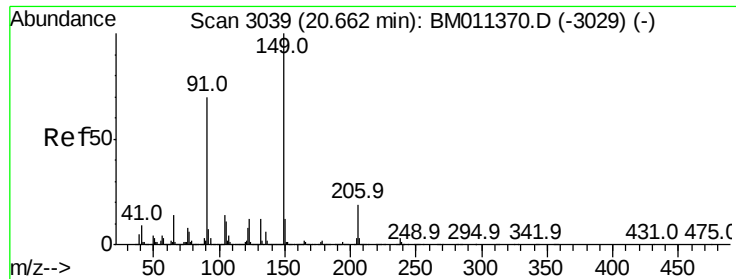


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 43.947 ng

RT: 20.64 min Scan# 3036

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

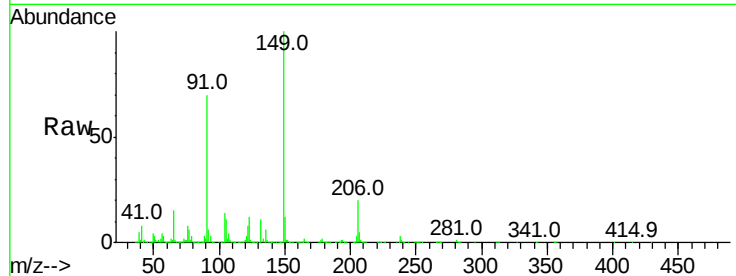
Tot Ion:149 Resp: 3658657

Ion Ratio Lower Upper

149 100

91 70.4 50.1 75.1

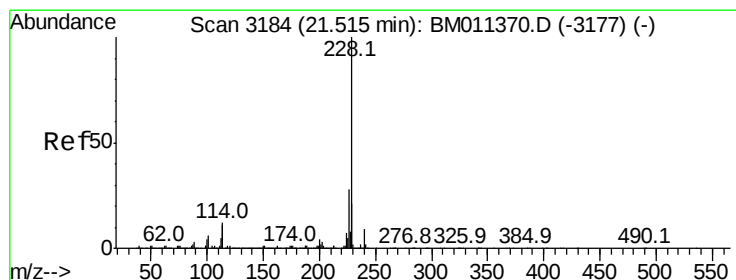
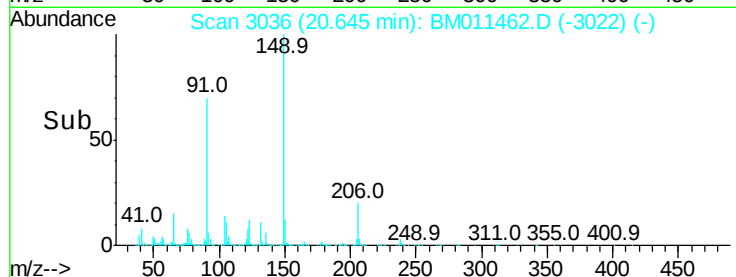
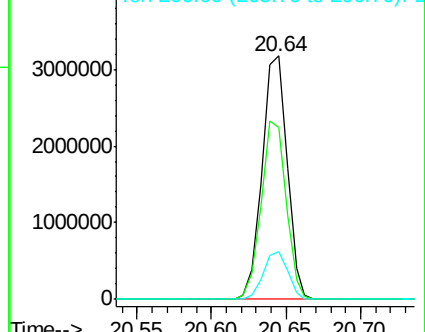
206 19.6 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM011370.D (-3029) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 46.104 ng

RT: 21.50 min Scan# 3181

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

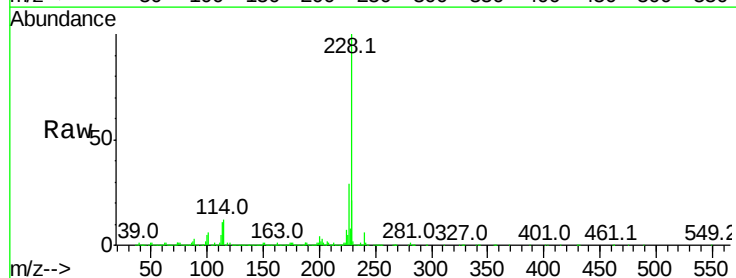
Tgt Ion:228 Resp: 7929949

Ion Ratio Lower Upper

228 100

226 28.6 21.7 32.5

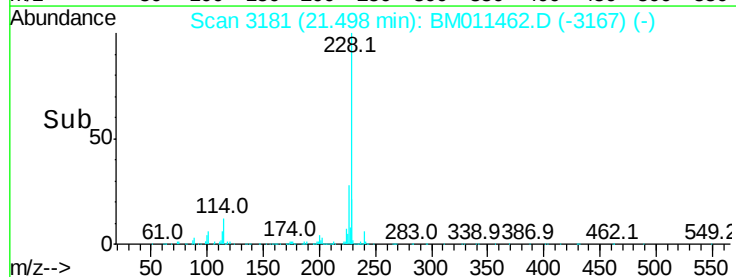
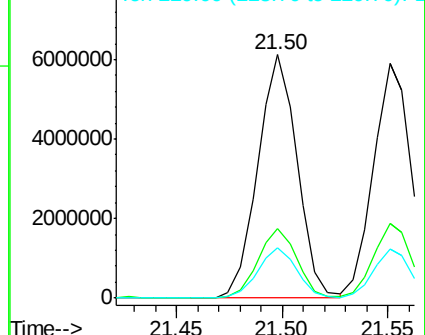
229 20.7 16.0 24.0

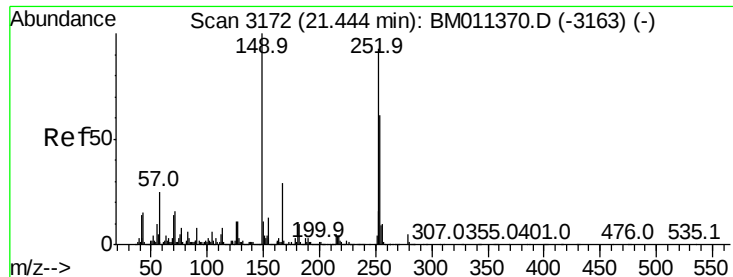


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 33.123 ng

RT: 21.43 min Scan# 3169

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

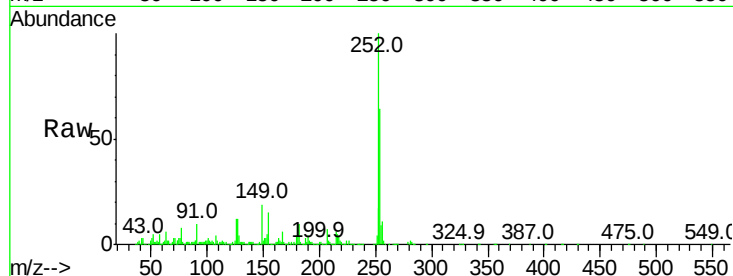
Tot Ion:252 Resp: 2162973

Ion Ratio Lower Upper

252 100

254 64.4 51.9 77.9

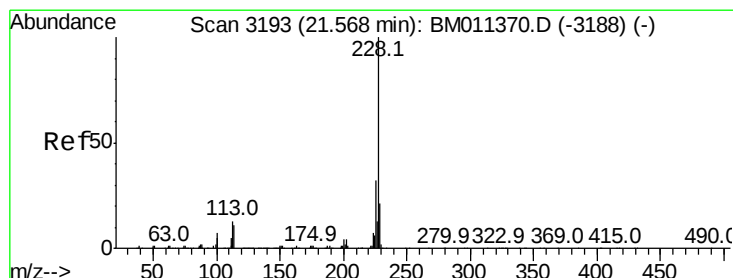
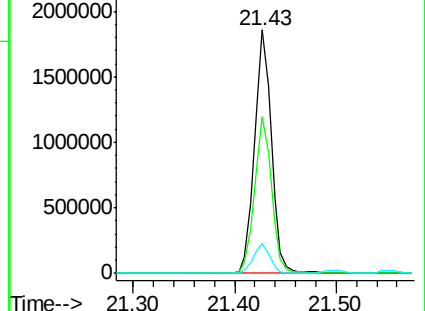
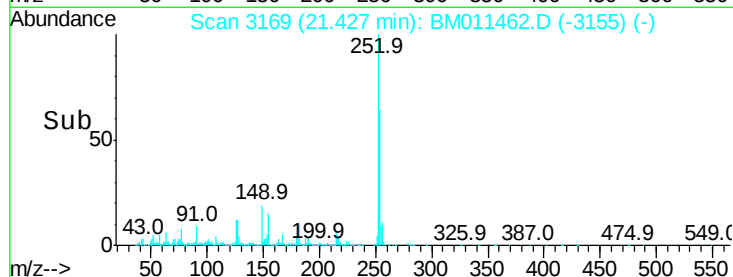
126 12.1 9.8 14.8



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: 45.237 ng

RT: 21.55 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

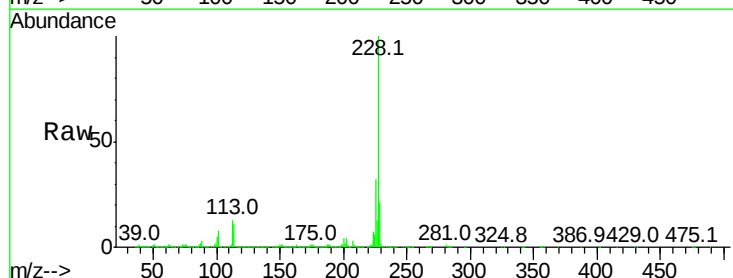
Tgt Ion:228 Resp: 7333672

Ion Ratio Lower Upper

228 100

226 31.6 24.1 36.1

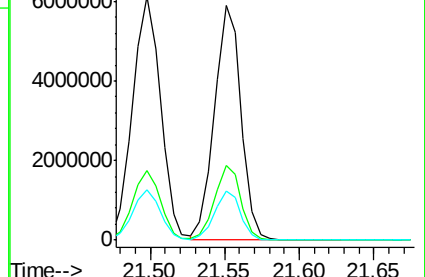
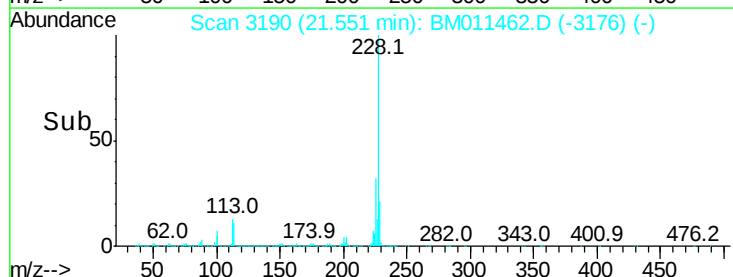
229 20.9 15.5 23.3

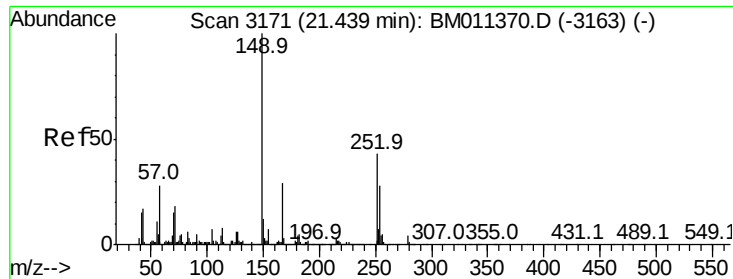


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

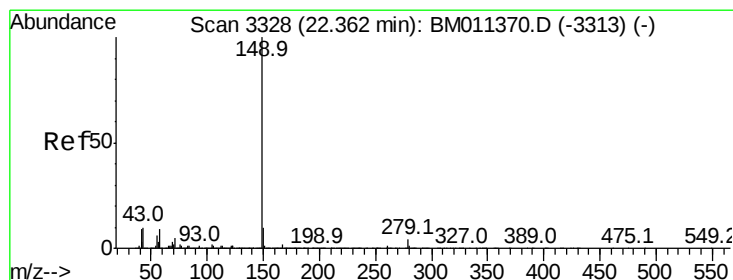
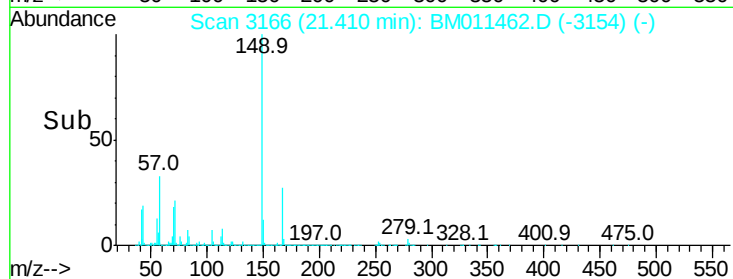
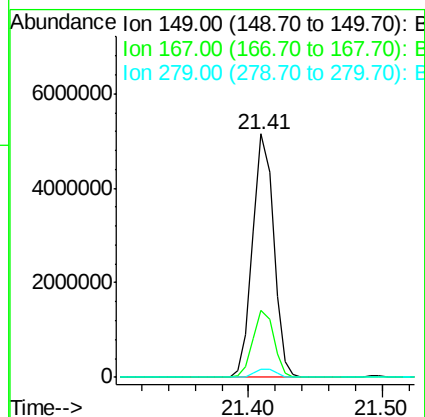
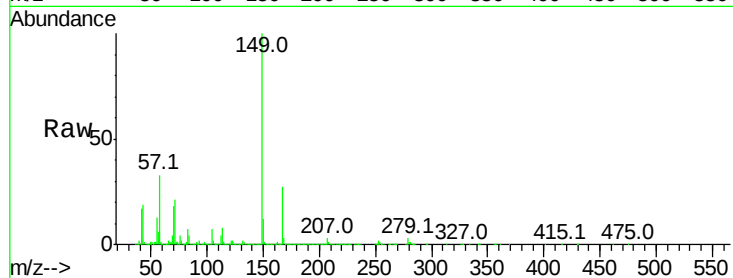




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 45.682 ng  
 RT: 21.41 min Scan# 3166  
 Delta R.T. -0.03 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

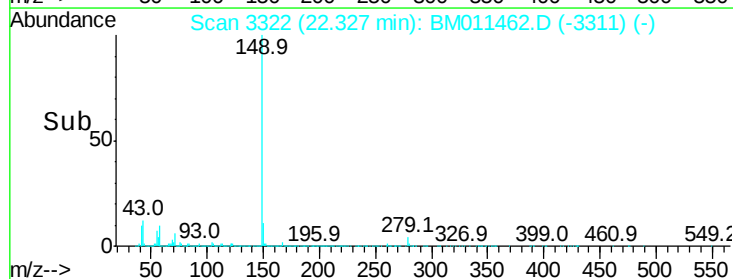
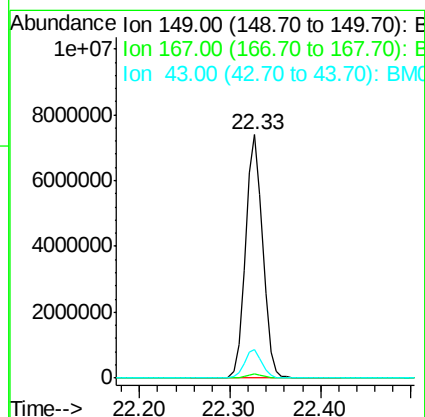
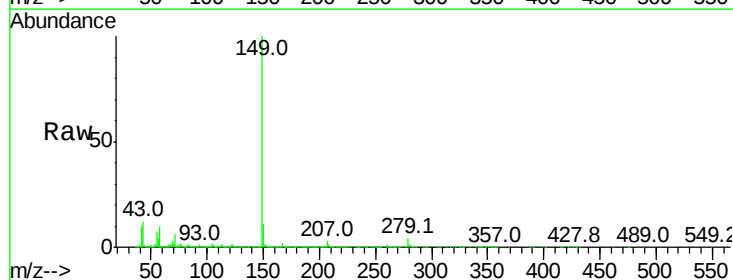
Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

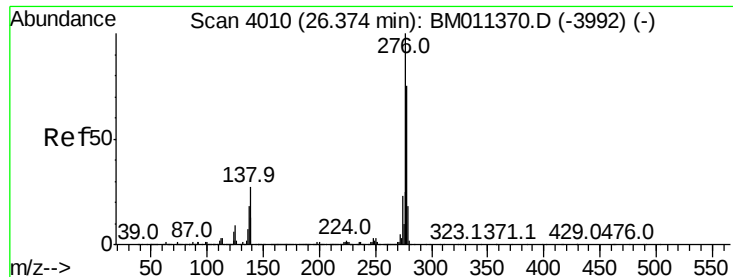
Tot Ion:149 Resp: 5575558  
 Ion Ratio Lower Upper  
 149 100  
 167 27.5 22.4 33.6  
 279 3.3 3.4 5.0#



#84  
 Di-n-octyl phthalate  
 Concen: 47.137 ng  
 RT: 22.33 min Scan# 3322  
 Delta R.T. -0.03 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:149 Resp: 9698259  
 Ion Ratio Lower Upper  
 149 100  
 167 1.5 1.2 1.8  
 43 11.7 7.3 10.9#



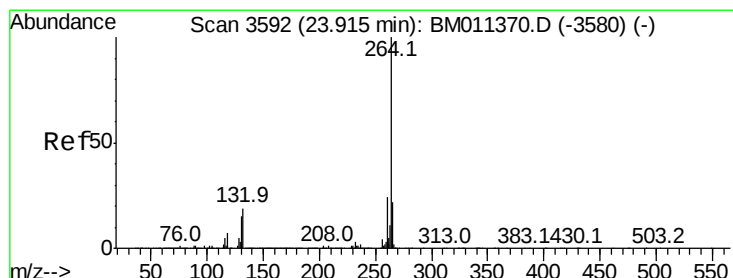
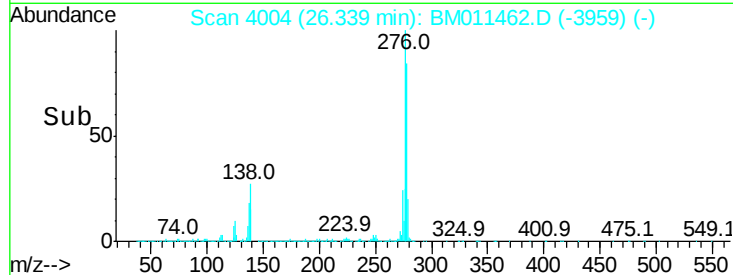
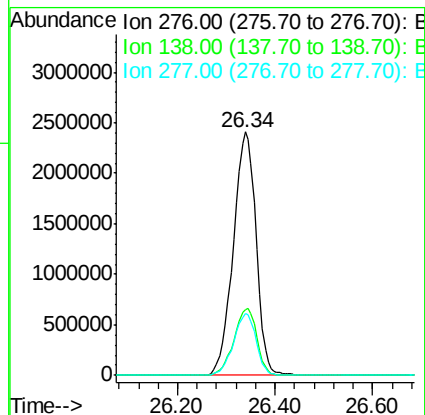
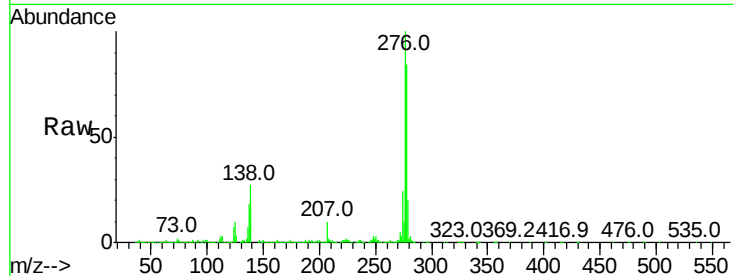


#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 51.555 ng  
 RT: 26.34 min Scan# 4004  
 Delta R.T. -0.03 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Instrument :  
 BNA\_M  
 ClientSampleId :  
 OK-02-090517MS

Tot Ion:276 Resp: 7796463  

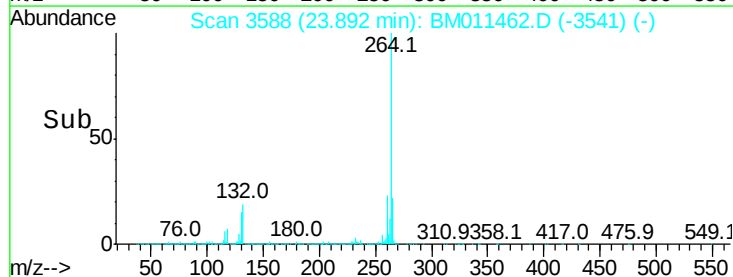
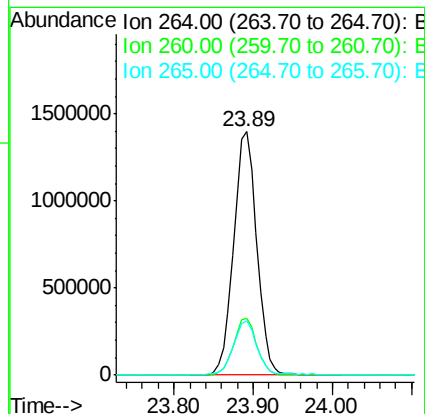
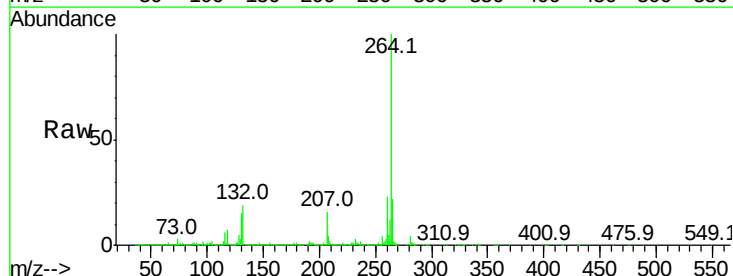
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 276 | 100   |       |       |
| 138 | 27.8  | 12.0  | 18.0# |
| 277 | 25.2  | 20.0  | 30.0  |

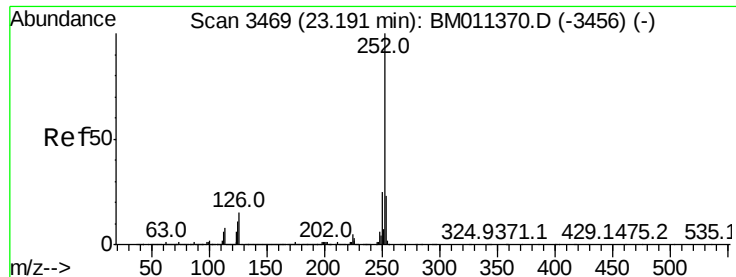


#86  
 Perylene-d12  
 Concen: 20.000 ng  
 RT: 23.89 min Scan# 3588  
 Delta R.T. -0.02 min  
 Lab File: BM011462.D  
 Acq: 07 Sep 2017 19:40

Tgt Ion:264 Resp: 2823973  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 23.5  | 18.6  | 27.8  |
| 265 | 22.1  | 17.3  | 25.9  |





#87

Benzo(b)fluoranthene

Concen: 45.763 ng

RT: 23.17 min Scan# 3465

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

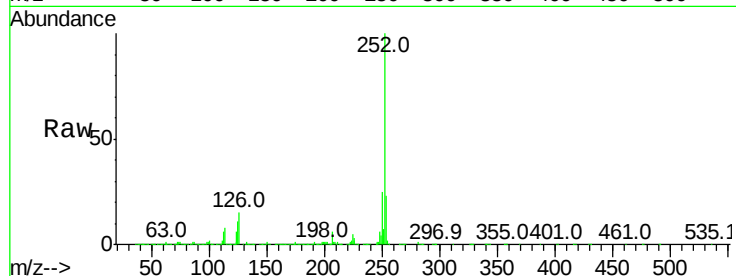
Tot Ion:252 Resp: 7934158

Ion Ratio Lower Upper

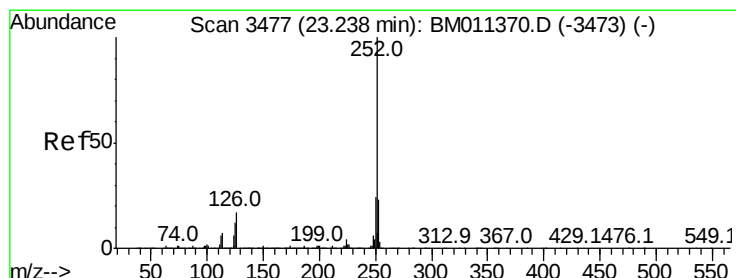
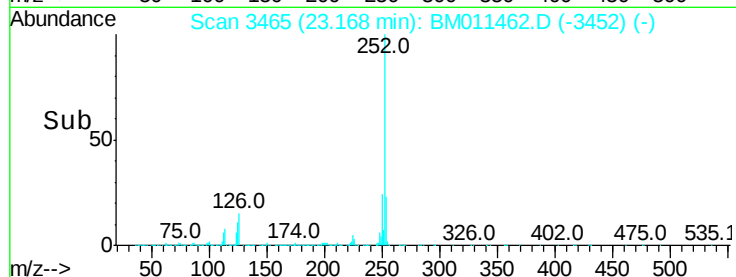
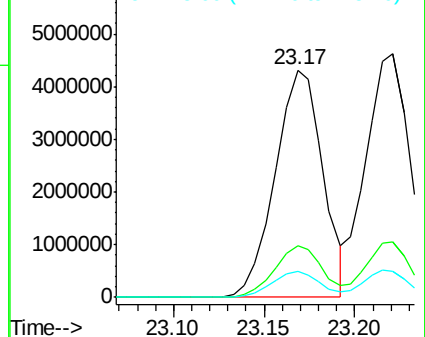
252 100

253 22.6 18.0 27.0

125 11.2 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: 47.160 ng

RT: 23.22 min Scan# 3474

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

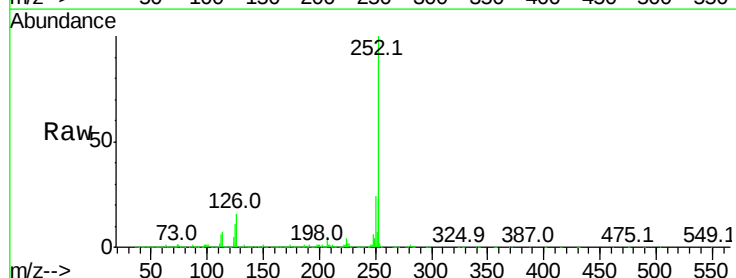
Tgt Ion:252 Resp: 7839357

Ion Ratio Lower Upper

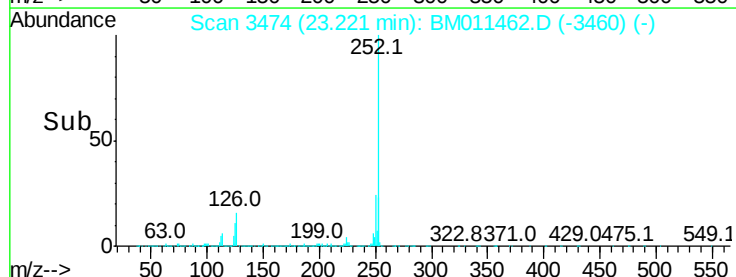
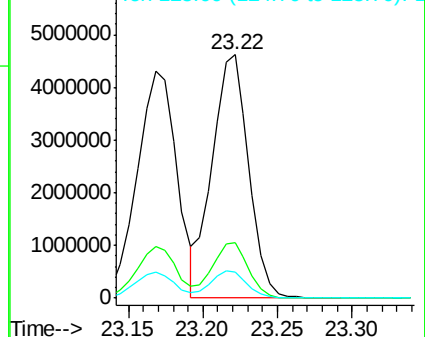
252 100

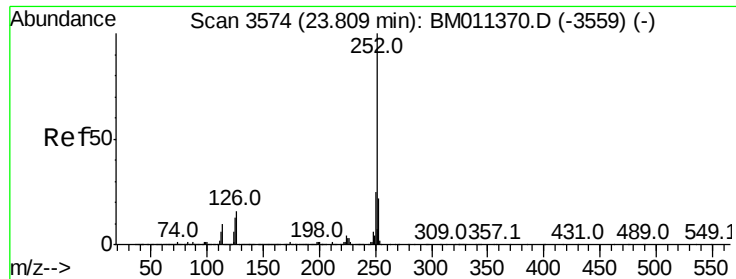
253 22.9 17.2 25.8

125 10.9 8.1 12.1



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





#89

Benzo(a)pyrene

Concen: 48.131 ng

RT: 23.79 min Scan# 3571

Delta R.T. -0.02 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

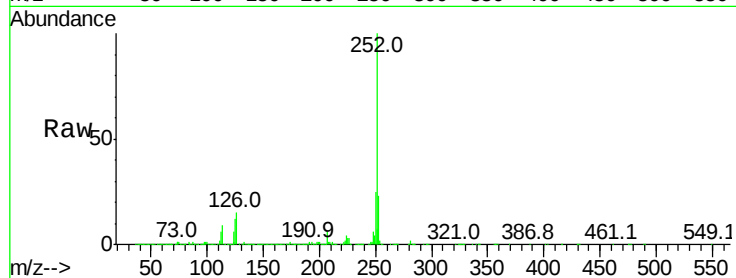
Tot Ion:252 Resp: 7526527

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

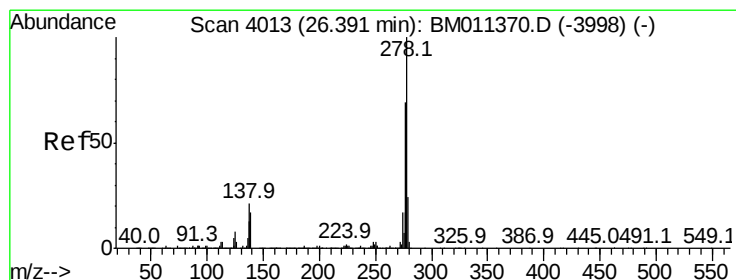
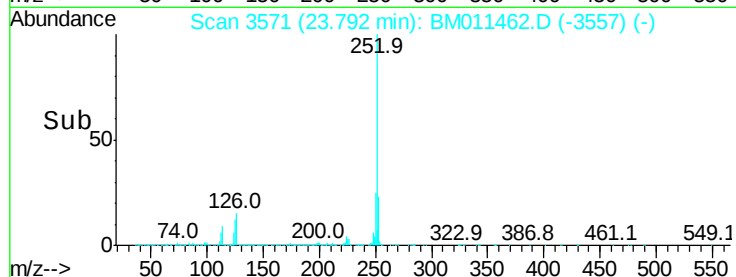
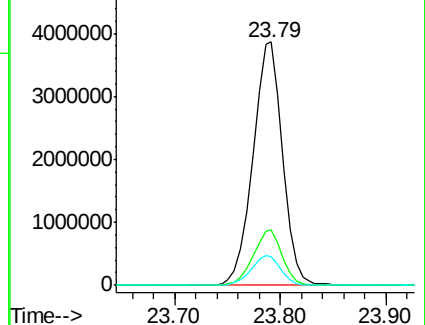
125 11.6 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 48.545 ng

RT: 26.35 min Scan# 4006

Delta R.T. -0.04 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

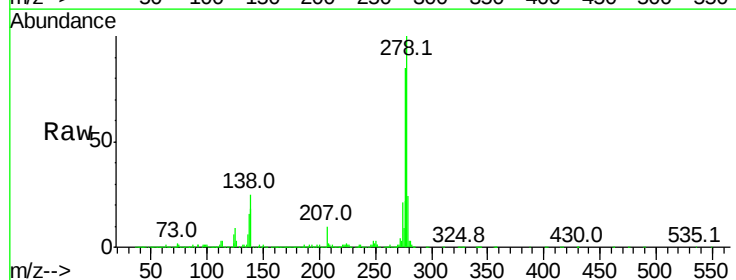
Tgt Ion:278 Resp: 6496700

Ion Ratio Lower Upper

278 100

139 17.7 13.4 20.0

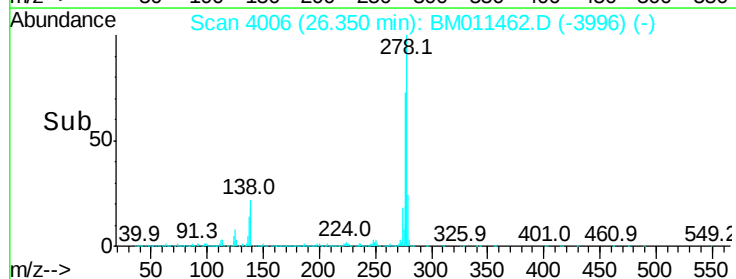
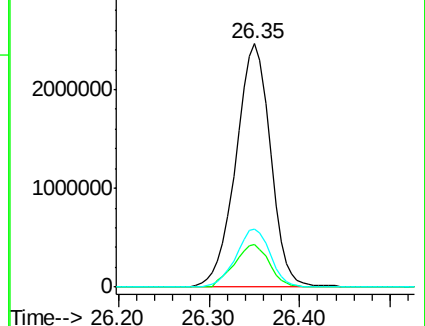
279 23.9 19.0 28.4

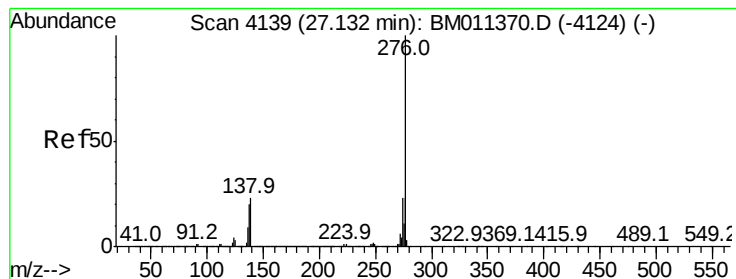


Abundance Ion 278.00 (277.70 to 278.70): E

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: 46.434 ng

RT: 27.09 min Scan# 4132

Delta R.T. -0.04 min

Lab File: BM011462.D

Acq: 07 Sep 2017 19:40

Instrument :

BNA\_M

ClientSampleId :

OK-02-090517MS

Tot Ion:276 Resp: 6005628

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 24.2 19.0 28.6

