

Data File : BM010938.D  
Acq On : 21 Jul 2017 16:34  
Operator : SJ/JU  
Sample : SSTDCCC040  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Quant Time: Jul 21 23:23:15 2017  
Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 12 14:21:16 2017  
Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.42  | 152  | 326283   | 20.00 | ng    | -0.03    |
| 21) Naphthalene-d8        | 10.19 | 136  | 1411729  | 20.00 | ng    | -0.02    |
| 38) Acenaphthene-d10      | 14.08 | 164  | 952853   | 20.00 | ng    | -0.02    |
| 63) Phenanthrene-d10      | 16.83 | 188  | 2204386  | 20.00 | ng    | -0.02    |
| 75) Chrysene-d12          | 21.06 | 240  | 1783133  | 20.00 | ng    | -0.01    |
| 86) Perylene-d12          | 23.18 | 264  | 1417181  | 20.00 | ng    | -0.02    |

|                             |       |     |         |       |    |       |
|-----------------------------|-------|-----|---------|-------|----|-------|
| System Monitoring Compounds |       |     |         |       |    |       |
| 5) 2-Fluorophenol           | 5.06  | 112 | 1562470 | 79.32 | ng | -0.02 |
| 7) Phenol-d6                | 6.62  | 99  | 2343176 | 86.29 | ng | -0.02 |
| 23) Nitrobenzene-d5         | 8.57  | 82  | 2957216 | 80.52 | ng | -0.02 |
| 41) 2,4,6-Tribromophenol    | 15.58 | 330 | 1173011 | 80.56 | ng | -0.02 |
| 44) 2-Fluorobiphenyl        | 12.69 | 172 | 6094845 | 79.57 | ng | -0.02 |
| 78) Terphenyl-d14           | 19.50 | 244 | 8870810 | 96.22 | ng | -0.01 |

|                                |       |     |         |       |    |        |
|--------------------------------|-------|-----|---------|-------|----|--------|
| Target Compounds               |       |     |         |       |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.08  | 88  | 302263  | 34.78 | ng | # 100  |
| 3) Pyridine                    | 3.45  | 79  | 932966  | 39.27 | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.37  | 42  | 440195  | 36.25 | ng | # 75   |
| 6) Aniline                     | 6.77  | 93  | 1486645 | 43.70 | ng | 95     |
| 8) 2-Chlorophenol              | 7.00  | 128 | 844856  | 43.32 | ng | 90     |
| 9) Benzaldehyde                | 6.59  | 77  | 766583  | 40.66 | ng | 84     |
| 10) Phenol                     | 6.65  | 94  | 1284790 | 44.75 | ng | 89     |
| 11) bis(2-Chloroethyl)ether    | 6.87  | 93  | 974656  | 44.08 | ng | 98     |
| 12) 1,3-Dichlorobenzene        | 7.32  | 146 | 939993  | 39.00 | ng | # 83   |
| 13) 1,4-Dichlorobenzene        | 7.46  | 146 | 988044  | 39.73 | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 7.77  | 146 | 948096  | 40.00 | ng | # 92   |
| 15) Benzyl Alcohol             | 7.67  | 79  | 1119128 | 43.52 | ng | # 83   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.96  | 45  | 879705  | 45.89 | ng | 81     |
| 17) 2-Methylphenol             | 7.87  | 107 | 824717  | 44.42 | ng | # 79   |
| 18) Hexachloroethane           | 8.48  | 117 | 423538  | 40.60 | ng | # 85   |
| 19) n-Nitroso-di-n-propylamine | 8.24  | 70  | 1000018 | 46.49 | ng | 93     |
| 20) 3+4-Methylphenols          | 8.20  | 107 | 1172619 | 45.46 | ng | 87     |
| 22) Acetophenone               | 8.24  | 105 | 1713421 | 40.31 | ng | # 96   |
| 24) Nitrobenzene               | 8.62  | 77  | 1508541 | 40.08 | ng | 90     |
| 25) Isophorone                 | 9.14  | 82  | 2651917 | 44.07 | ng | # 87   |
| 26) 2-Nitrophenol              | 9.32  | 139 | 535670  | 42.77 | ng | # 44   |
| 27) 2,4-Dimethylphenol         | 9.39  | 122 | 915944  | 40.97 | ng | # 71   |
| 28) bis(2-Chloroethoxy)methane | 9.63  | 93  | 1429063 | 42.37 | ng | 99     |
| 29) 2,4-Dichlorophenol         | 9.85  | 162 | 1002521 | 39.70 | ng | 92     |
| 30) 1,2,4-Trichlorobenzene     | 10.05 | 180 | 1171932 | 37.96 | ng | 98     |
| 31) Naphthalene                | 10.23 | 128 | 2831395 | 39.44 | ng | 99     |
| 32) Benzoic acid               | 9.56  | 122 | 825875  | 47.09 | ng | # 65   |
| 33) 4-Chloroaniline            | 10.36 | 127 | 1155797 | 39.97 | ng | # 78   |
| 34) Hexachlorobutadiene        | 10.52 | 225 | 896916  | 37.44 | ng | 97     |
| 35) Caprolactam                | 11.16 | 113 | 301505  | 44.85 | ng | # 88   |
| 36) 4-Chloro-3-methylphenol    | 11.49 | 107 | 1332288 | 43.62 | ng | # 72   |
| 37) 2-Methylnaphthalene        | 11.86 | 142 | 2096686 | 40.67 | ng | # 90   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.24 | 216 | 1634316 | 39.35 | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.22 | 237 | 831709  | 34.93 | ng | 98     |

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Quant Method : Z:\HPCHEM1\BNA\_M\METHODS\8270-BM071217.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jul 12 14:21:16 2017

Response via : Initial Calibration

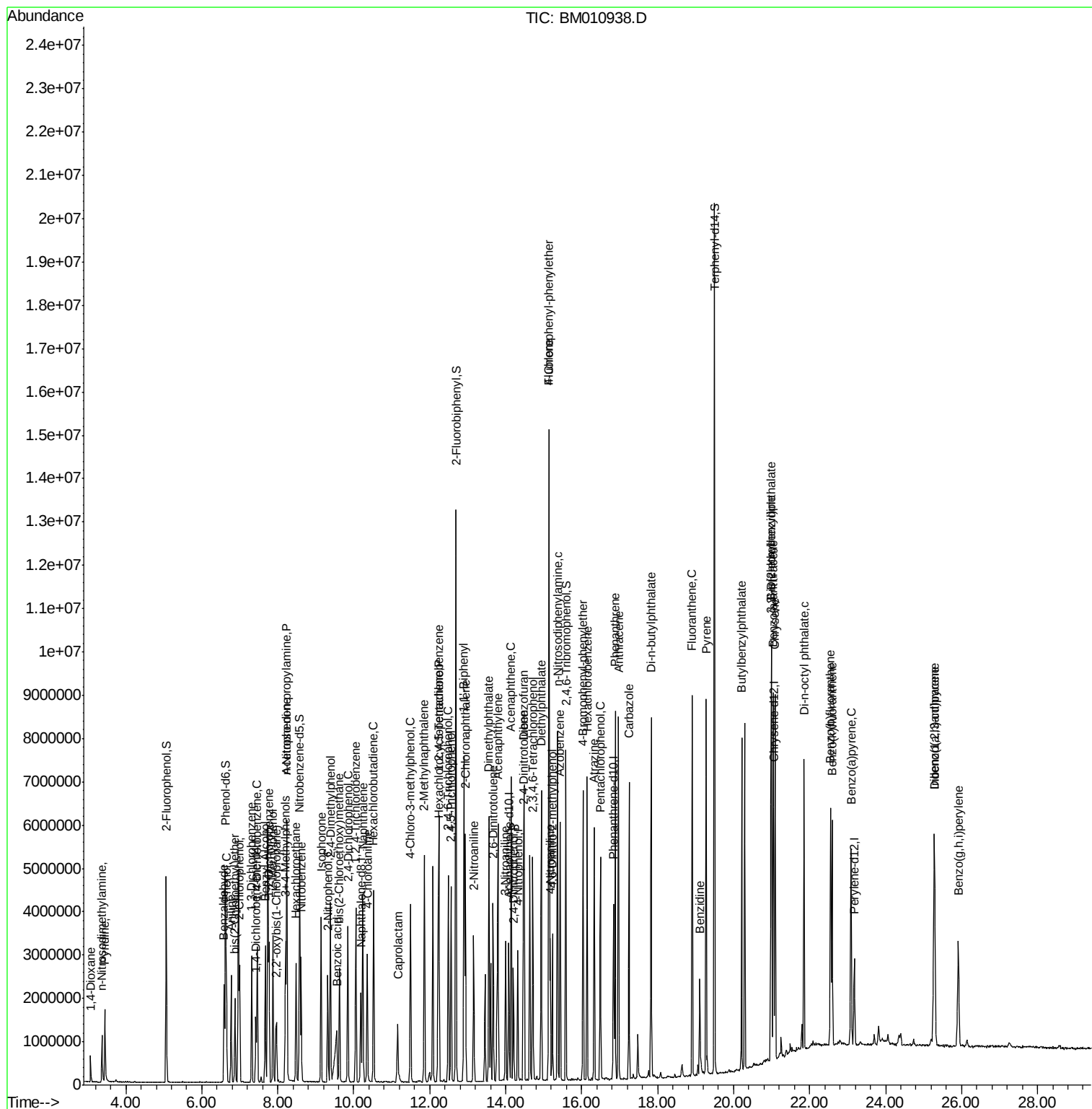
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.49 | 196  | 1035313  | 40.48 | ng    | 99       |
| 43) 2,4,5-Trichlorophenol      | 12.56 | 196  | 1050145  | 41.59 | ng #  | 90       |
| 45) 1,1'-Biphenyl              | 12.90 | 154  | 3351966  | 40.38 | ng    | 97       |
| 46) 2-Chloronaphthalene        | 12.94 | 162  | 2421322  | 39.78 | ng #  | 93       |
| 47) 2-Nitroaniline             | 13.16 | 65   | 891825   | 44.57 | ng #  | 74       |
| 48) Acenaphthylene             | 13.80 | 152  | 3640707  | 40.22 | ng    | 100      |
| 49) Dimethylphthalate          | 13.56 | 163  | 3304563  | 40.77 | ng #  | 99       |
| 50) 2,6-Dinitrotoluene         | 13.67 | 165  | 697684   | 43.88 | ng #  | 70       |
| 51) Acenaphthene               | 14.14 | 154  | 2218411  | 40.10 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.00 | 138  | 569249   | 39.38 | ng #  | 38       |
| 53) 2,4-Dinitrophenol          | 14.21 | 184  | 446880   | 40.66 | ng    | 87       |
| 54) Dibenzofuran               | 14.49 | 168  | 3585722  | 40.07 | ng    | 92       |
| 55) 4-Nitrophenol              | 14.32 | 139  | 493814   | 39.34 | ng #  | 1        |
| 56) 2,4-Dinitrotoluene         | 14.46 | 165  | 934351   | 42.35 | ng    | 96       |
| 57) Fluorene                   | 15.14 | 166  | 3074200  | 39.97 | ng    | 99       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.72 | 232  | 938835   | 40.02 | ng #  | 100      |
| 59) Diethylphthalate           | 14.94 | 149  | 3300316  | 41.22 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.14 | 204  | 1833623  | 38.81 | ng    | 97       |
| 61) 4-Nitroaniline             | 15.17 | 138  | 582484   | 38.55 | ng #  | 1        |
| 62) Azobenzene                 | 15.43 | 77   | 3400774  | 41.83 | ng    | 89       |
| 64) 4,6-Dinitro-2-methylphenol | 15.23 | 198  | 628424   | 43.23 | ng    | 89       |
| 65) n-Nitrosodiphenylamine     | 15.36 | 169  | 2711442  | 42.99 | ng    | 99       |
| 66) 4-Bromophenyl-phenylether  | 16.04 | 248  | 1187744  | 42.52 | ng #  | 93       |
| 67) Hexachlorobenzene          | 16.14 | 284  | 1319682  | 41.31 | ng #  | 93       |
| 68) Atrazine                   | 16.33 | 200  | 1064385  | 40.75 | ng    | 97       |
| 69) Pentachlorophenol          | 16.49 | 266  | 837478   | 40.90 | ng    | 96       |
| 70) Phenanthrene               | 16.88 | 178  | 4609408  | 40.19 | ng    | 99       |
| 71) Anthracene                 | 16.97 | 178  | 4624797  | 40.63 | ng    | 99       |
| 72) Carbazole                  | 17.24 | 167  | 3801900  | 37.92 | ng    | 100      |
| 73) Di-n-butylphthalate        | 17.83 | 149  | 5732747  | 48.33 | ng #  | 97       |
| 74) Fluoranthene               | 18.91 | 202  | 5085089  | 35.80 | ng    | 98       |
| 76) Benzidine                  | 19.12 | 184  | 1391884  | 29.17 | ng    | 98       |
| 77) Pyrene                     | 19.27 | 202  | 5048093  | 48.83 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.21 | 149  | 1813421  | 50.11 | ng #  | 74       |
| 80) Benzo(a)anthracene         | 21.04 | 228  | 4155983  | 40.22 | ng    | 98       |
| 81) 3,3'-Dichlorobenzidine     | 20.99 | 252  | 1601150  | 39.41 | ng #  | 98       |
| 82) Chrysene                   | 21.09 | 228  | 3935300  | 39.99 | ng    | 100      |
| 83) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 2518063  | 47.78 | ng #  | 99       |
| 84) Di-n-octyl phthalate       | 21.85 | 149  | 3778311  | 43.76 | ng    | 99       |
| 85) Indeno(1,2,3-cd)pyrene     | 25.28 | 276  | 3624725  | 32.12 | ng #  | 100      |
| 87) Benzo(b)fluoranthene       | 22.55 | 252  | 3720913  | 41.33 | ng #  | 92       |
| 88) Benzo(k)fluoranthene       | 22.59 | 252  | 3443136  | 40.04 | ng #  | 94       |
| 89) Benzo(a)pyrene             | 23.09 | 252  | 3310822  | 40.41 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 25.29 | 278  | 2921316  | 36.73 | ng #  | 91       |
| 91) Benzo(g,h,i)perylene       | 25.91 | 276  | 3017382  | 38.60 | ng #  | 84       |

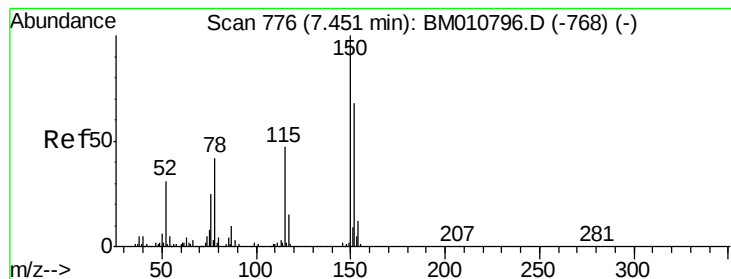
(#)=qualifier out of range (m)=manual integration (+)=signals summed

ALS Vial : 2      Sample Multiplier: 1

DFTPP

Response via : Initial Calibration

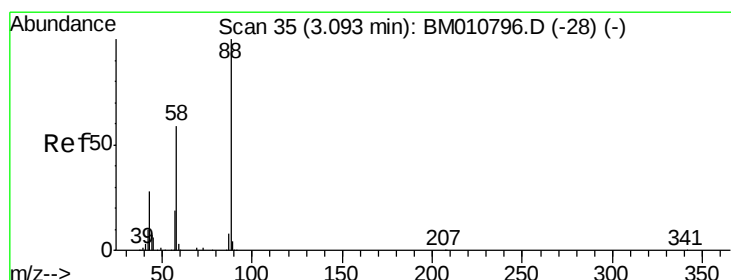
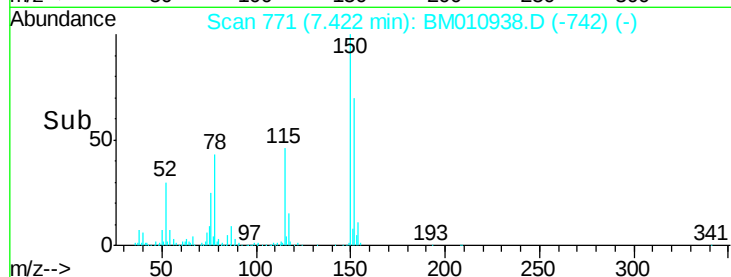
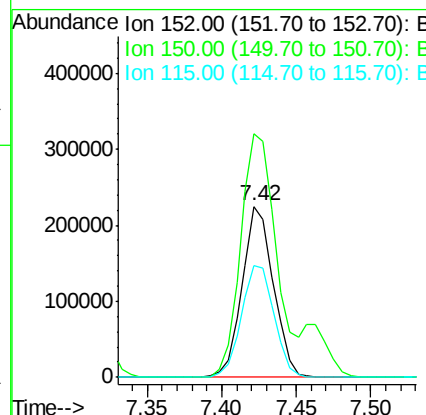
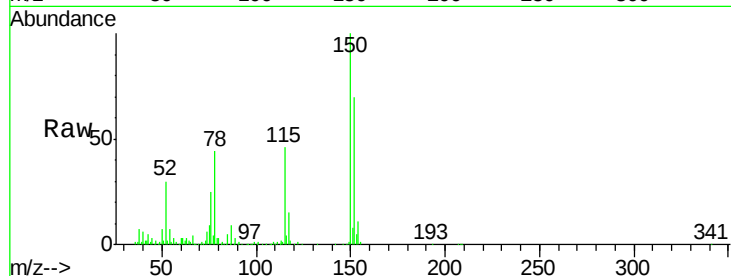




#1  
 1,4-Dichlorobenzene-d4  
 Concen: 20.00 ng  
 RT: 7.42 min Scan# 771  
 Delta R.T. -0.03 min  
 Lab File: BM010938.D  
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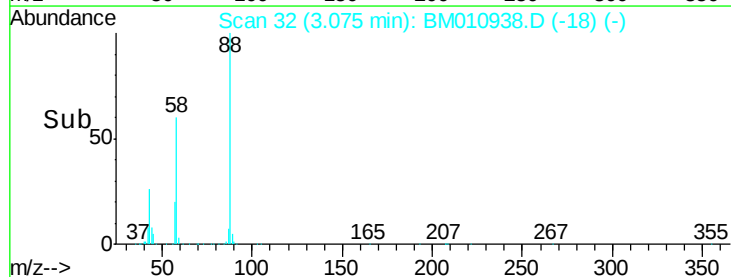
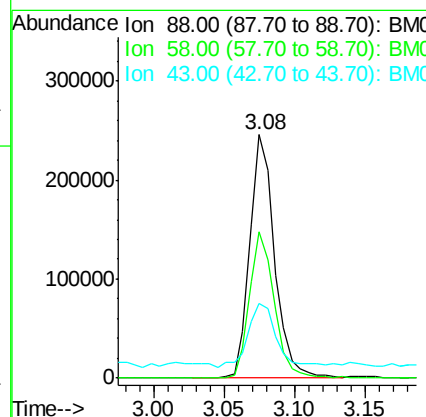
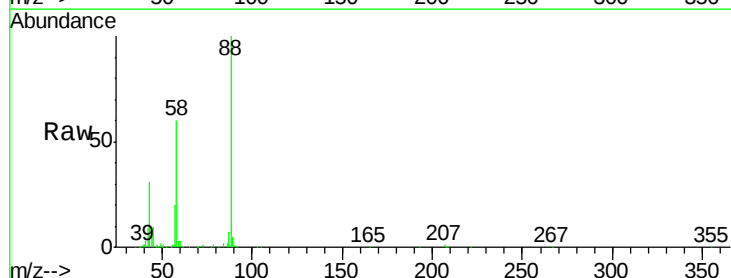
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

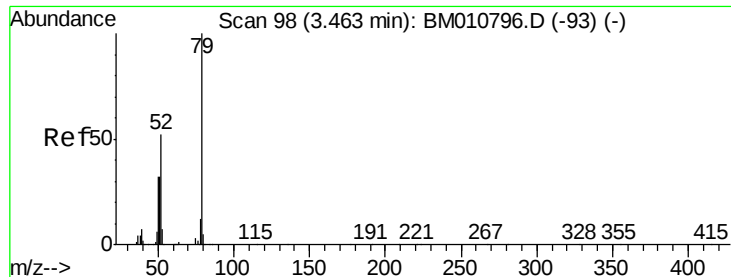
Tgt Ion: 152 Resp: 326283  
 Ion Ratio Lower Upper  
 152 100  
 150 142.7 119.5 179.3  
 115 65.6 43.0 64.4#



#2  
 1,4-Dioxane  
 Concen: 34.78 ng  
 RT: 3.08 min Scan# 32  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion: 88 Resp: 302263  
 Ion Ratio Lower Upper  
 88 100  
 58 60.7 0.0 0.0#  
 43 30.2 0.0 0.0#





#3

Pyridine

Concen: 39.27 ng

RT: 3.45 min Scan# 96

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

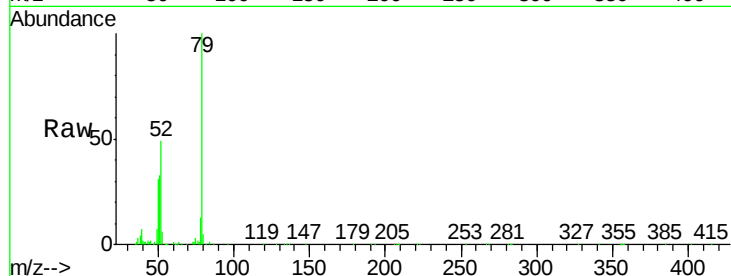
Tgt Ion: 79 Resp: 932966

Ion Ratio Lower Upper

79 100

52 49.3 51.1 76.7#

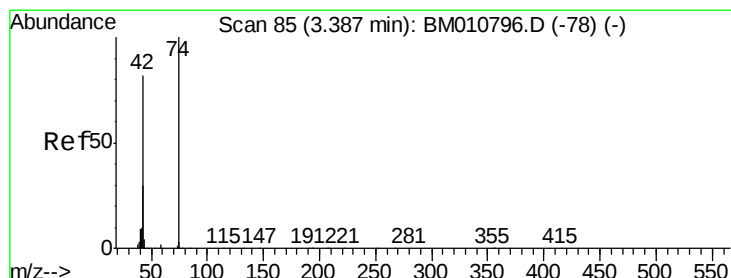
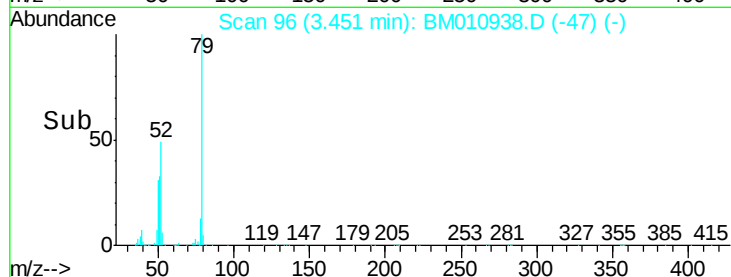
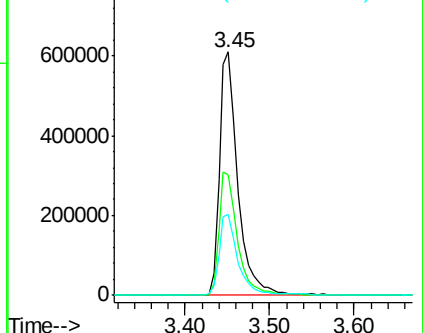
51 33.2 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-93) (-)

Ion 52.00 (51.70 to 52.70): BM010796.D (-93) (-)

Ion 51.00 (50.70 to 51.70): BM010796.D (-93) (-)



#4

n-Nitrosodimethylamine

Concen: 36.25 ng

RT: 3.37 min Scan# 82

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

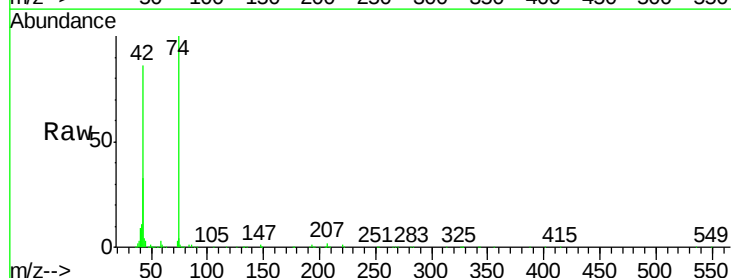
Tgt Ion: 42 Resp: 440195

Ion Ratio Lower Upper

42 100

74 116.2 119.3 178.9#

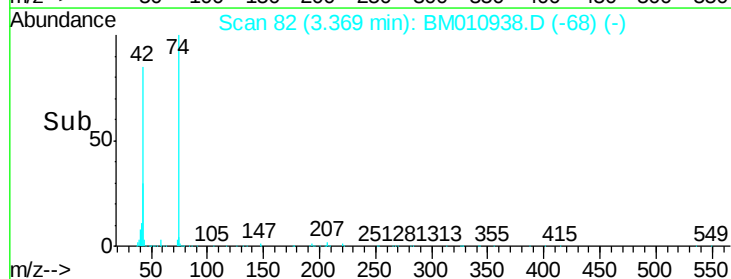
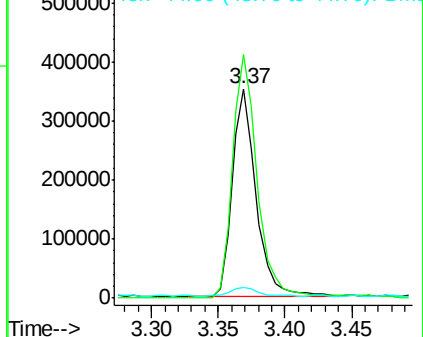
44 5.0 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BM010796.D (-78) (-)

Ion 74.00 (73.70 to 74.70): BM010796.D (-78) (-)

Ion 44.00 (43.70 to 44.70): BM010796.D (-78) (-)





#5

2-Fluorophenol

Concen: 79.32 ng

RT: 5.06 min Scan# 370

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

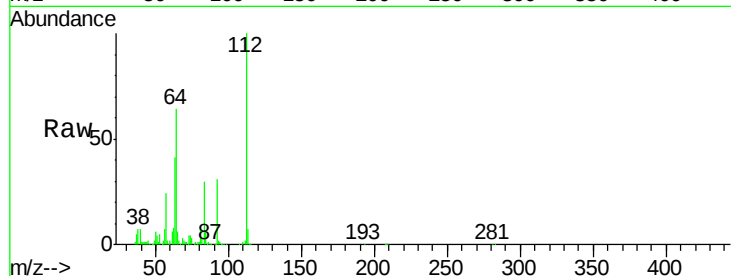
Tgt Ion:112 Resp: 1562470

Ion Ratio Lower Upper

112 100

64 63.8 38.6 57.8#

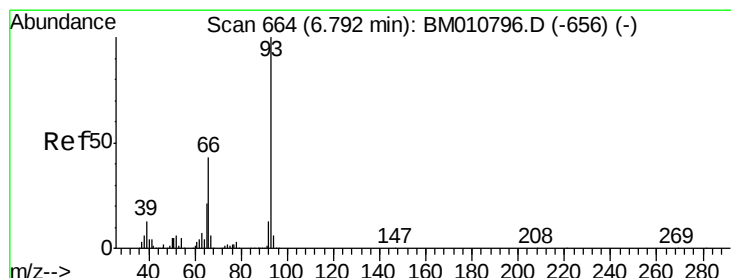
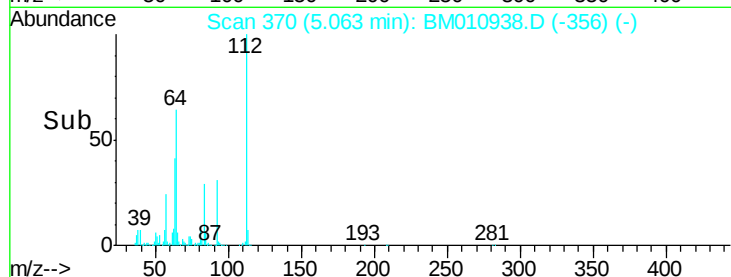
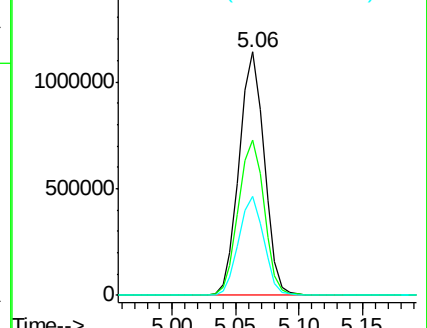
63 40.8 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 43.70 ng

RT: 6.77 min Scan# 661

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

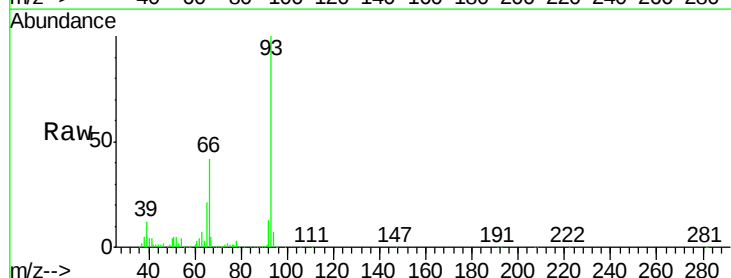
Tgt Ion: 93 Resp: 1486645

Ion Ratio Lower Upper

93 100

66 42.2 30.8 46.2

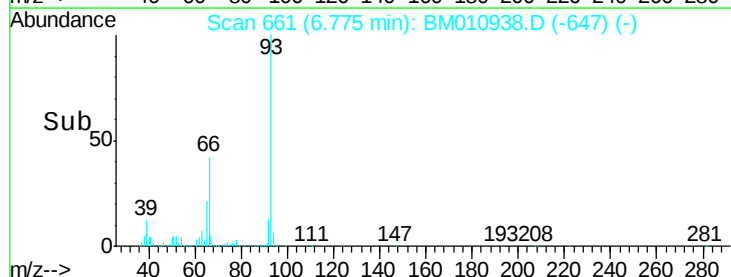
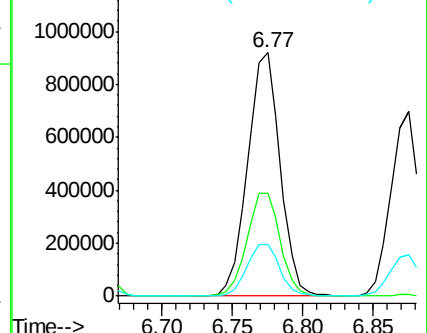
65 21.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 86.29 ng

RT: 6.62 min Scan# 635

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

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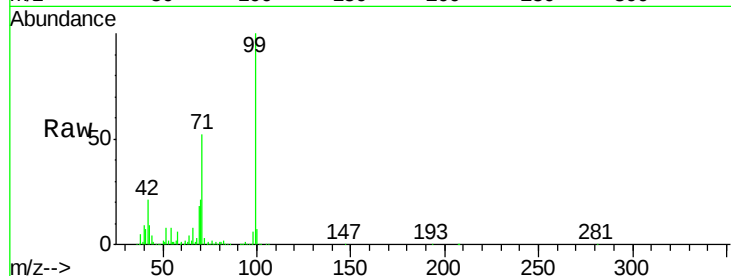
Tgt Ion: 99 Resp: 2343176

Ion Ratio Lower Upper

99 100

42 21.0 11.0 16.4#

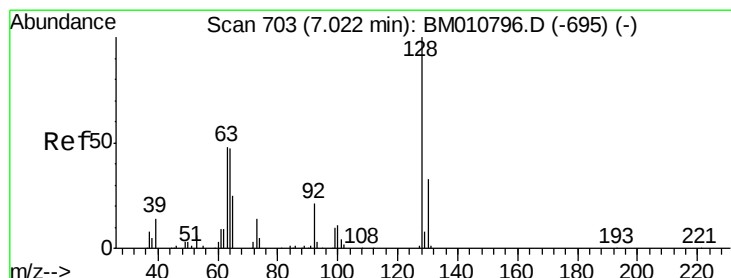
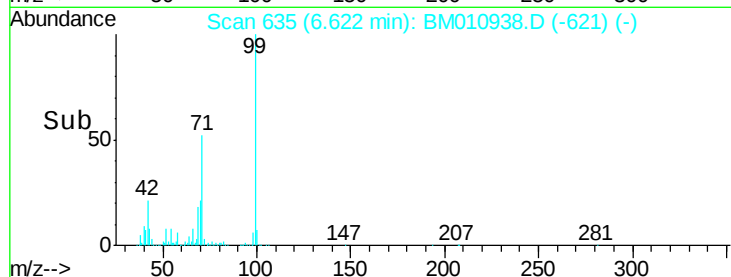
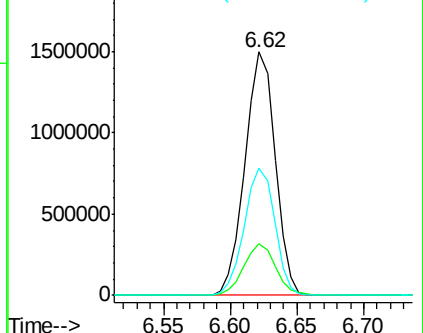
71 52.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010796.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM010796.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM010796.D (-629) (-)



#8

2-Chlorophenol

Concen: 43.32 ng

RT: 7.00 min Scan# 699

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

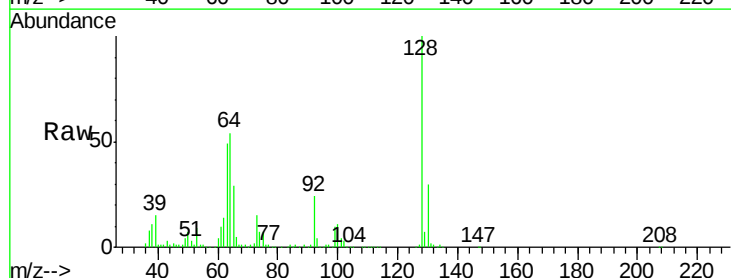
Tgt Ion: 128 Resp: 844856

Ion Ratio Lower Upper

128 100

130 30.2 12.0 52.0

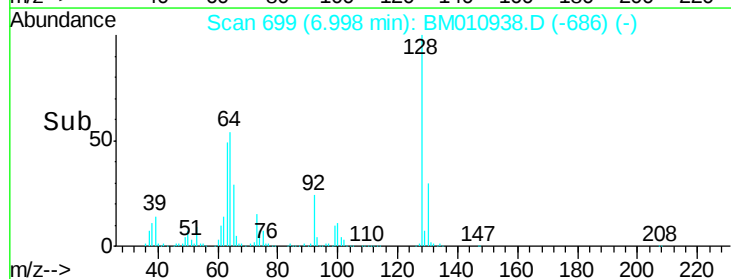
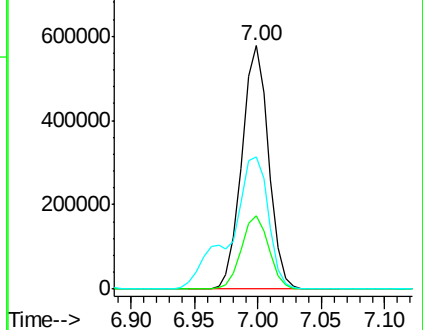
64 54.4 24.9 64.9

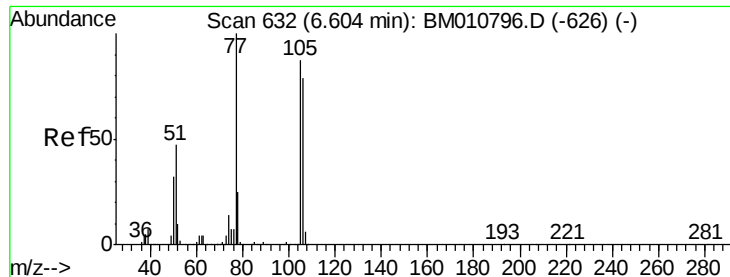


Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-695) (-)

Ion 130.00 (129.70 to 130.70): BM010796.D (-695) (-)

Ion 64.00 (63.70 to 64.70): BM010796.D (-695) (-)





#9

Benzaldehyde

Concen: 40.66 ng

RT: 6.59 min Scan# 629

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

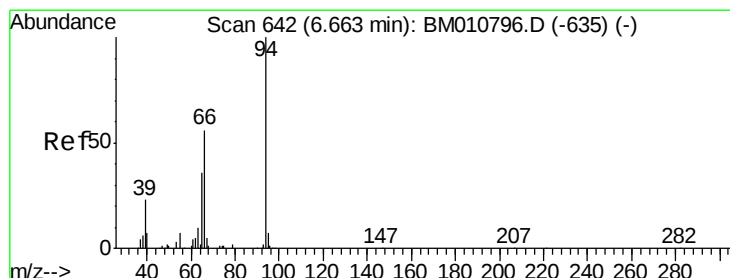
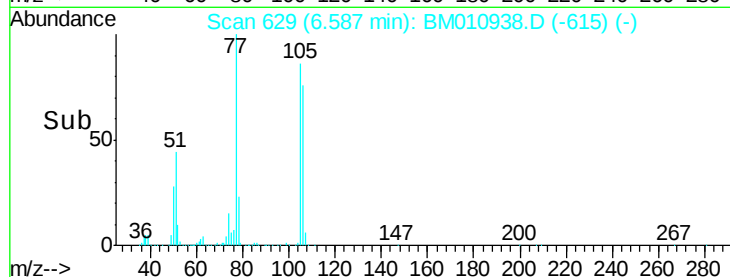
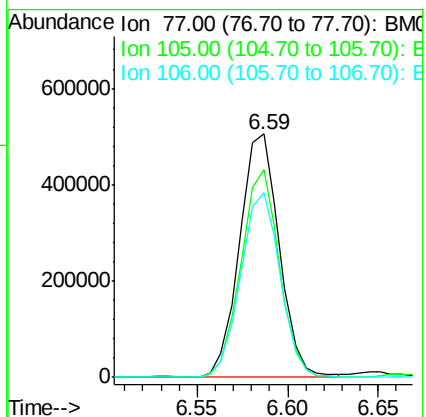
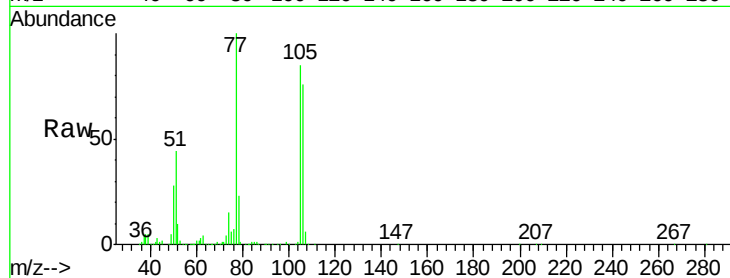
Tgt Ion: 77 Resp: 766583

Ion Ratio Lower Upper

77 100

105 85.5 78.8 118.8

106 75.9 73.7 113.7



#10

Phenol

Concen: 44.75 ng

RT: 6.65 min Scan# 640

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

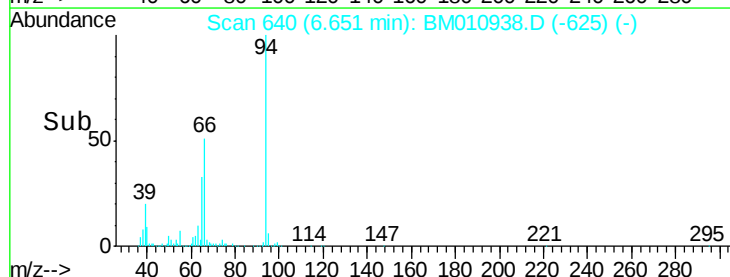
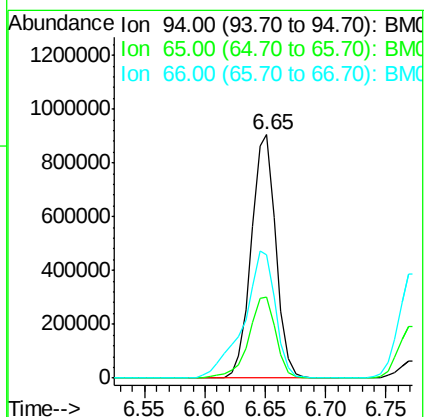
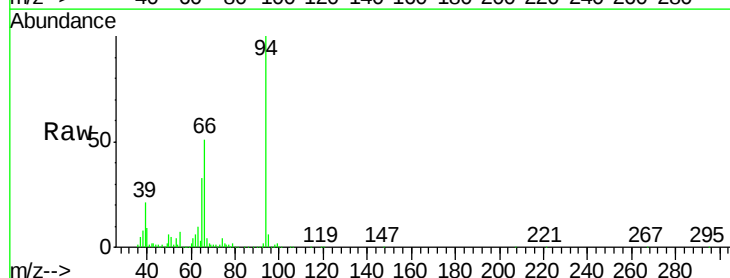
Tgt Ion: 94 Resp: 1284790

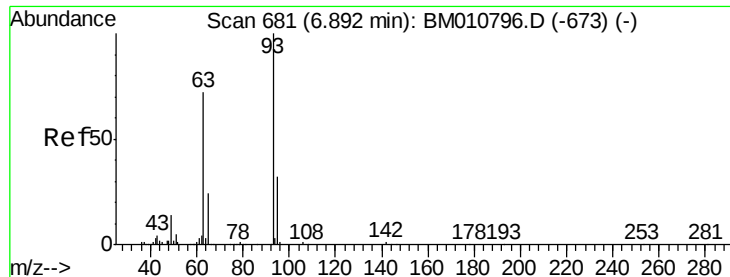
Ion Ratio Lower Upper

94 100

65 33.1 18.8 58.8

66 50.7 39.9 79.9

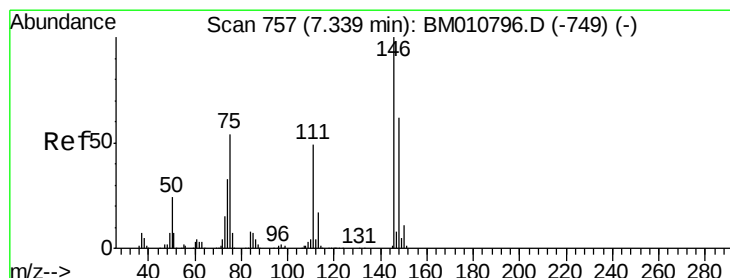
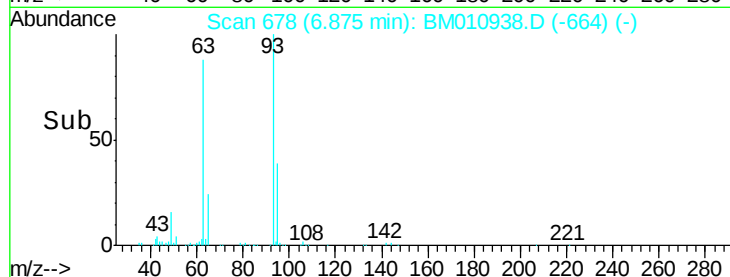
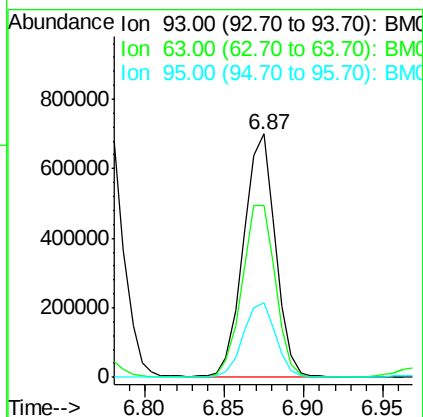
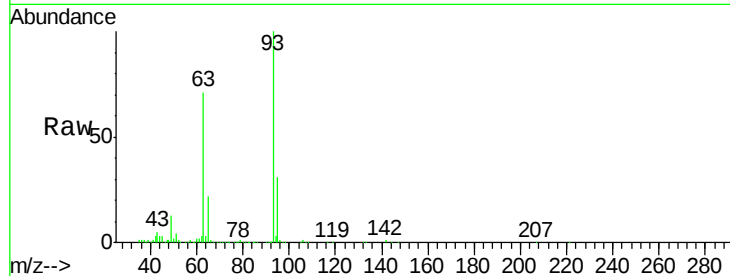




#11  
bis(2-Chloroethyl)ether  
Concen: 44.08 ng  
RT: 6.87 min Scan# 678  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

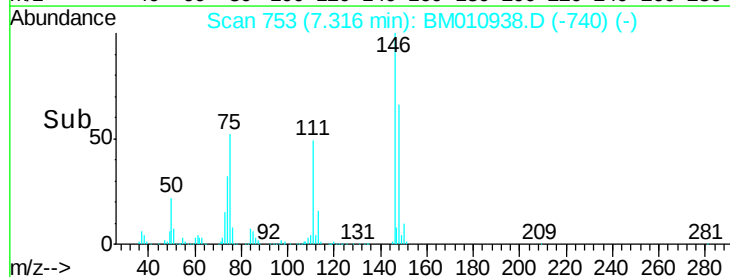
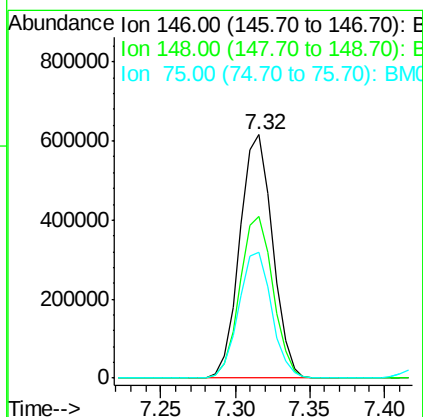
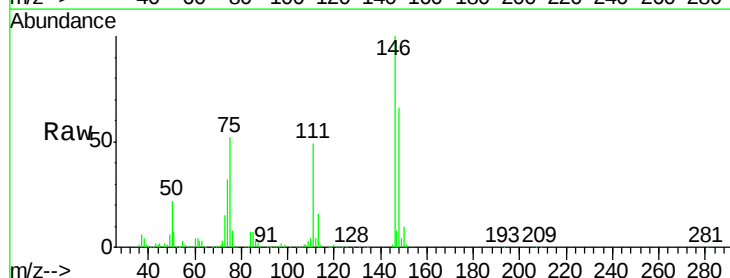
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

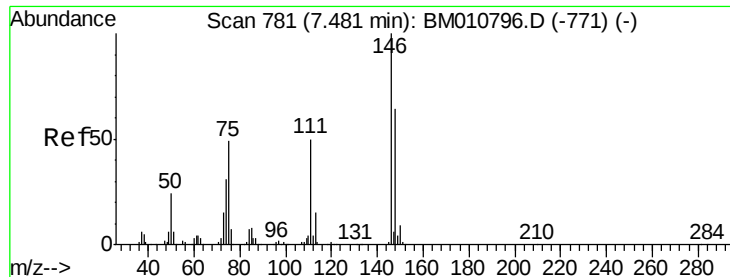
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 63      | 70.6  | 49.5  | 89.5  |
| 95      | 30.8  | 13.5  | 53.5  |



#12  
1,3-Dichlorobenzene  
Concen: 39.00 ng  
RT: 7.32 min Scan# 753  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 66.2  | 50.9  | 76.3  |
| 75      | 51.8  | 21.4  | 32.2  |





#13

1,4-Dichlorobenzene

Concen: 39.73 ng

RT: 7.46 min Scan# 777

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

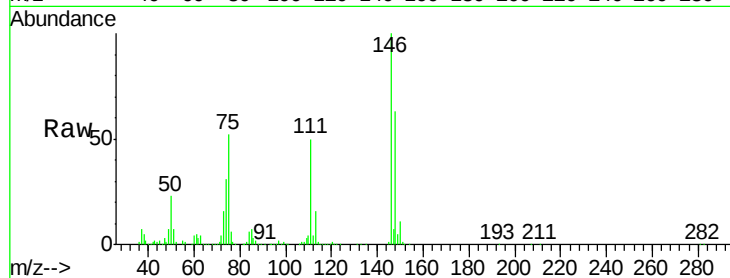
Tgt Ion:146 Resp: 988044

Ion Ratio Lower Upper

146 100

148 63.2 51.9 77.9

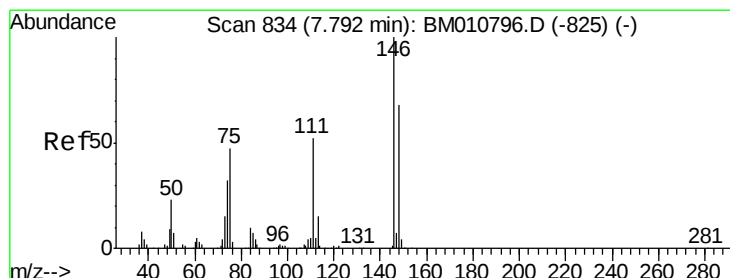
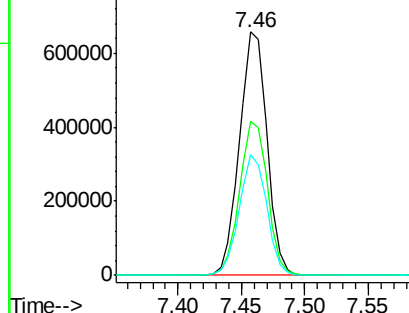
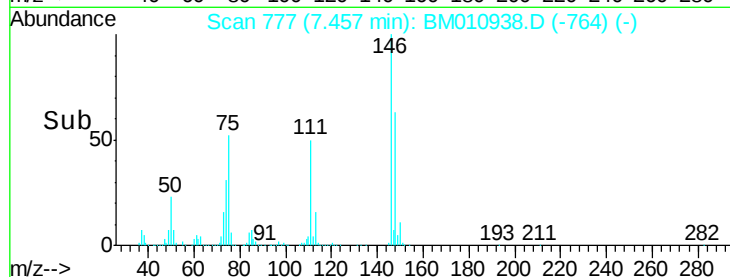
111 49.6 29.2 43.8#



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.00 ng

RT: 7.77 min Scan# 830

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

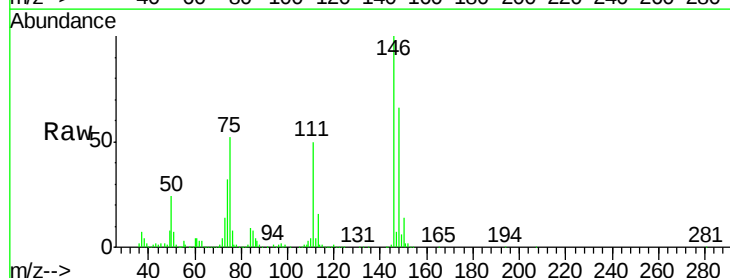
Tgt Ion:146 Resp: 948096

Ion Ratio Lower Upper

146 100

148 65.8 52.3 78.5

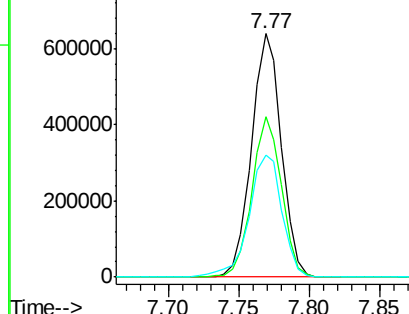
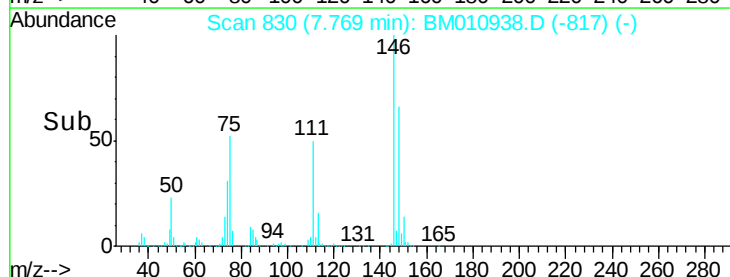
111 50.1 30.6 45.8#

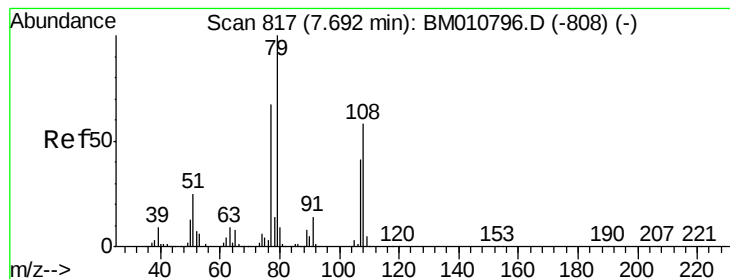


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.52 ng

RT: 7.67 min Scan# 813

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

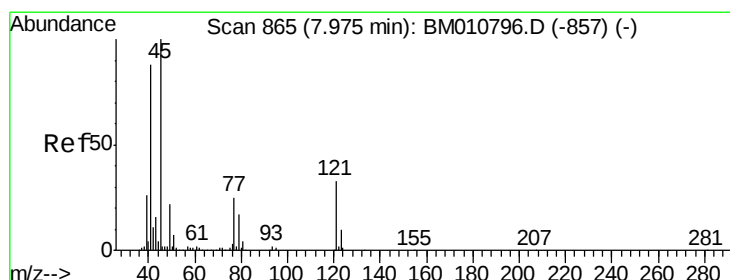
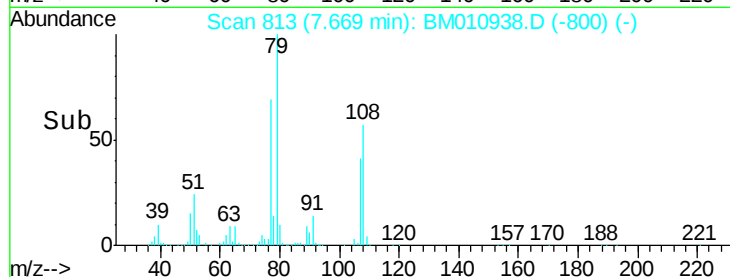
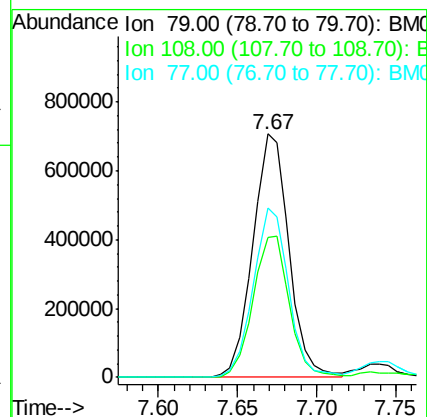
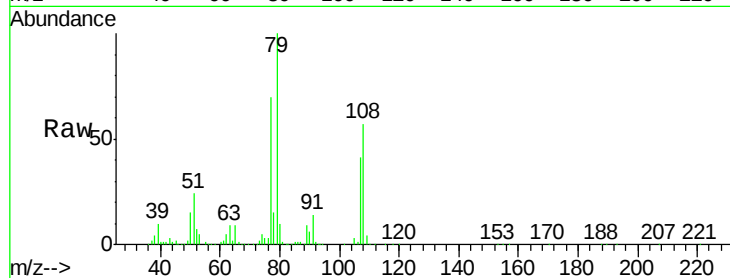
Tgt Ion: 79 Resp: 1119128

Ion Ratio Lower Upper

79 100

108 57.4 65.0 97.4#

77 69.5 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 45.89 ng

RT: 7.96 min Scan# 862

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

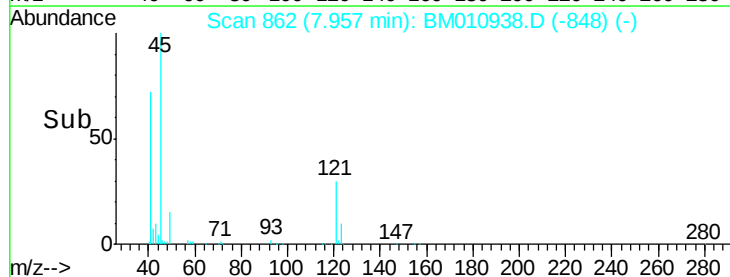
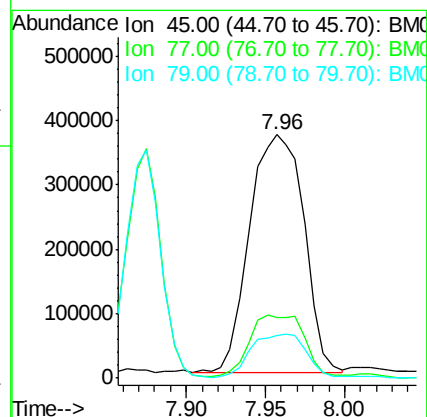
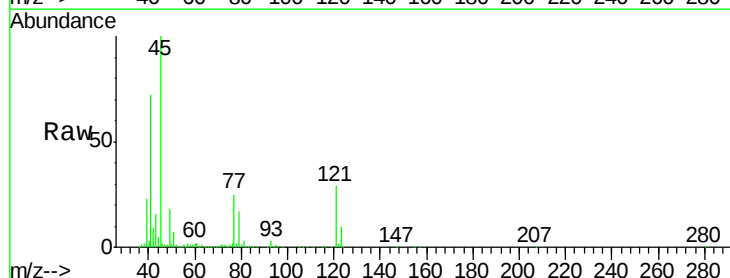
Tgt Ion: 45 Resp: 879705

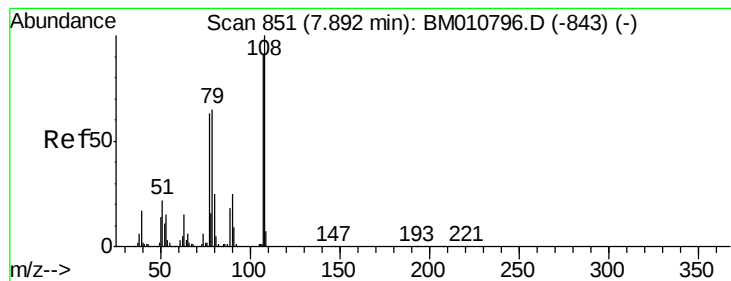
Ion Ratio Lower Upper

45 100

77 24.8 0.0 35.2

79 17.3 0.0 32.0

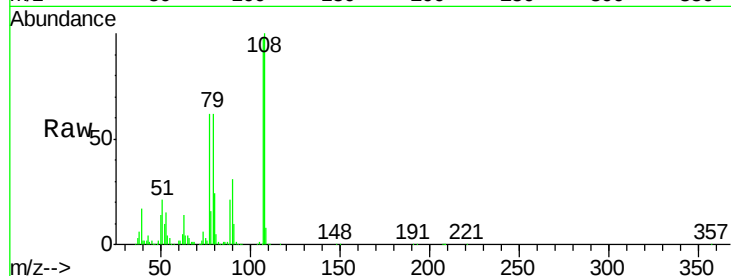




#17  
2-Methylphenol  
Concen: 44.42 ng  
RT: 7.87 min Scan# 848  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 108     | 102.1 | 89.8  | 134.8 |
| 77      | 63.6  | 32.6  | 48.8# |
| 79      | 63.3  | 32.8  | 49.2# |



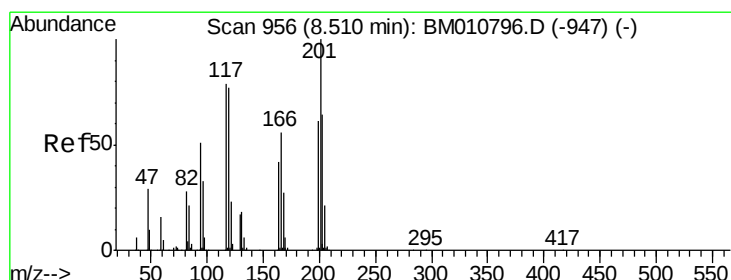
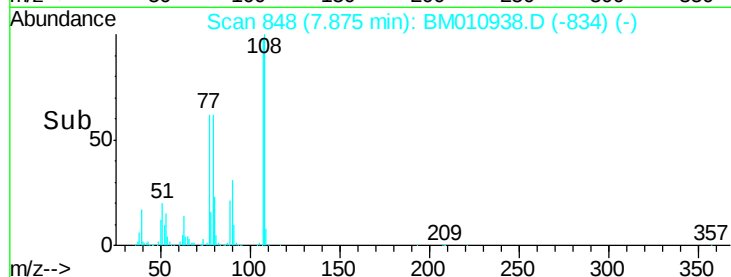
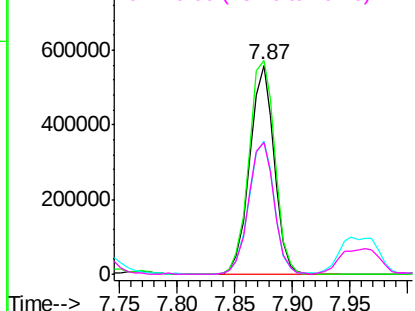
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

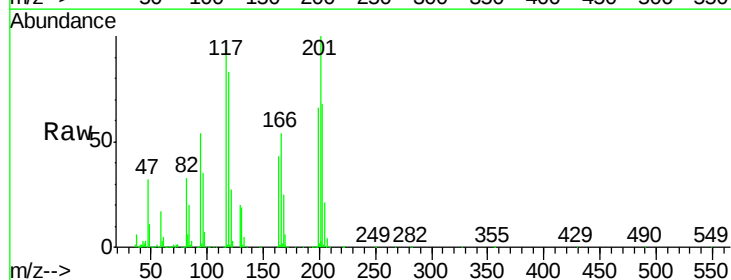
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18  
Hexachloroethane  
Concen: 40.60 ng  
RT: 8.48 min Scan# 951  
Delta R.T. -0.03 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 117     | 100   |       |        |
| 119     | 89.1  | 79.2  | 118.8  |
| 201     | 106.9 | 69.8  | 104.6# |

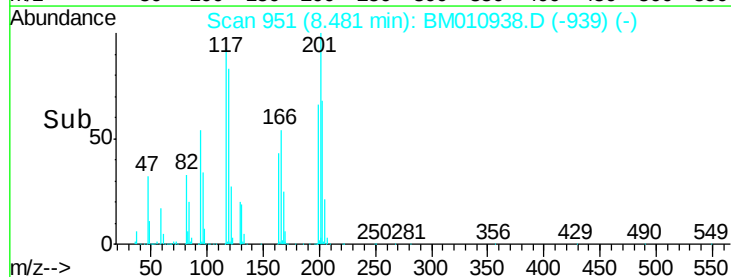
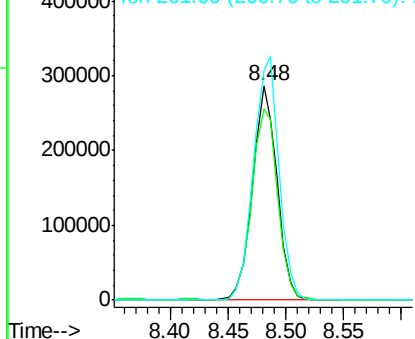


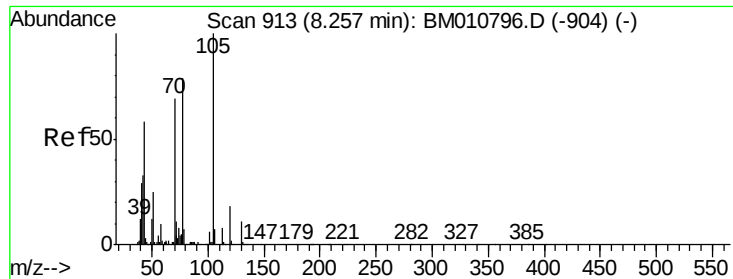
Abundance

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

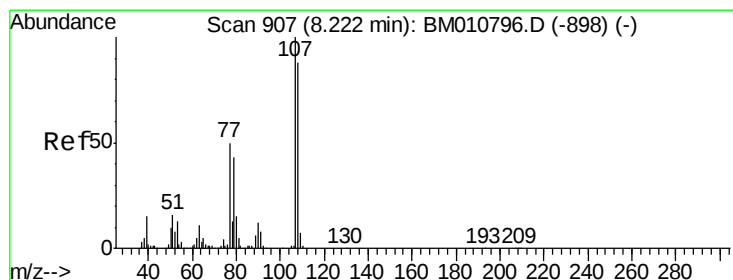
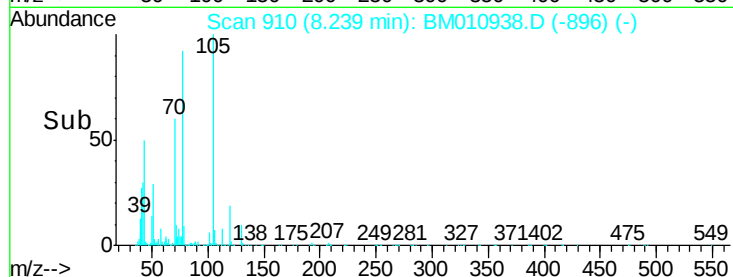
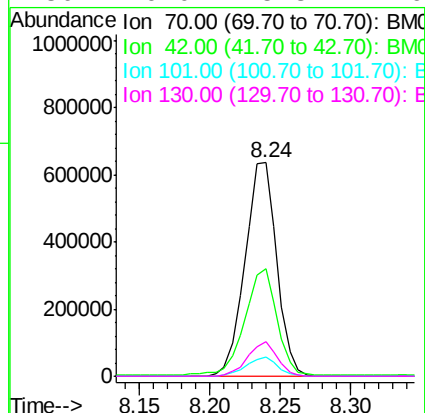
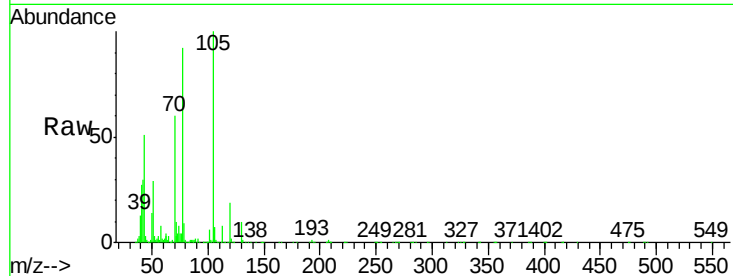




#19  
n-Nitroso-di-n-propylamine  
Concen: 46.49 ng  
RT: 8.24 min Scan# 910  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

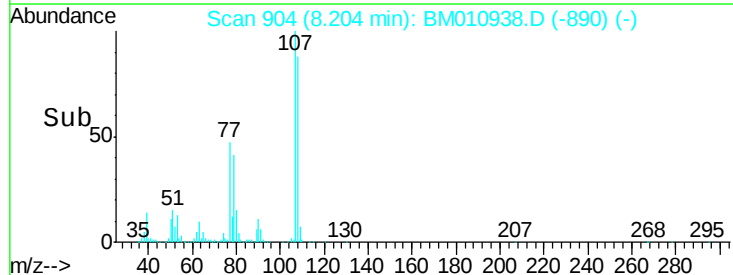
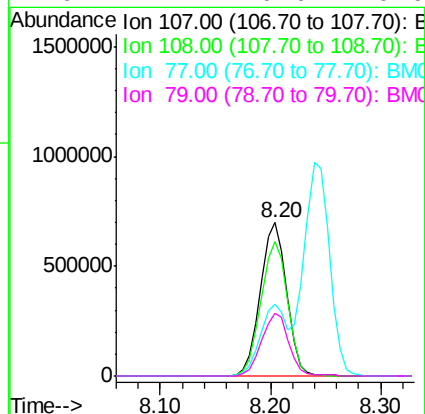
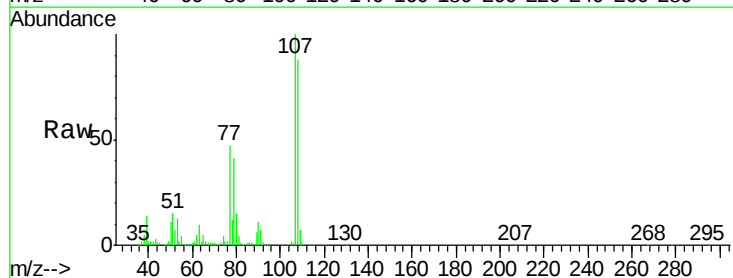
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

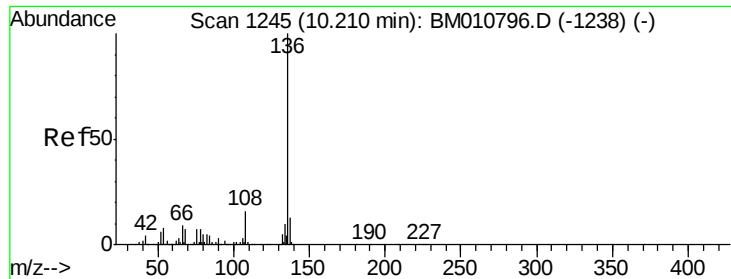
Tgt Ion: 70 Resp: 1000018  
Ion Ratio Lower Upper  
70 100  
42 50.1 44.5 66.7  
101 9.3 7.4 11.2  
130 16.0 15.3 22.9



#20  
3+4-Methylphenols  
Concen: 45.46 ng  
RT: 8.20 min Scan# 904  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion: 107 Resp: 1172619  
Ion Ratio Lower Upper  
107 100  
108 87.7 73.2 113.2  
77 46.7 10.7 50.7  
79 41.2 9.6 49.6

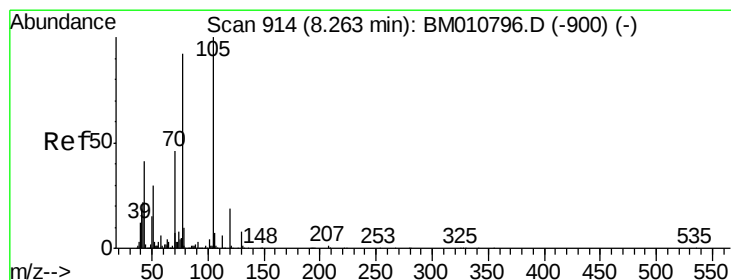
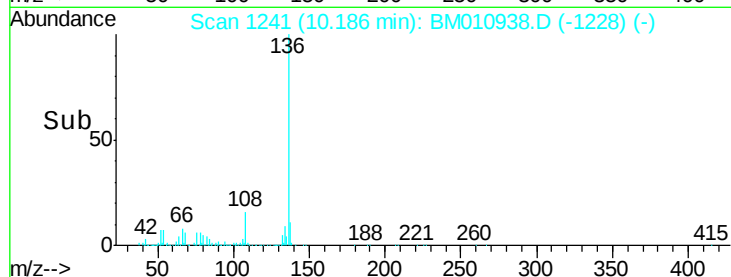
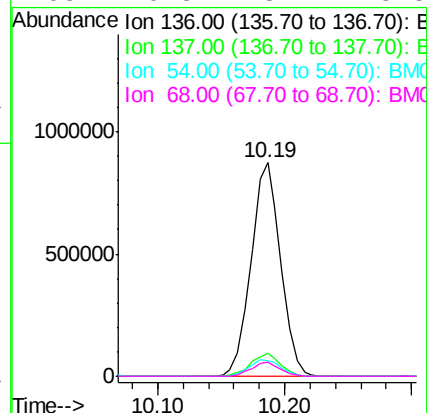
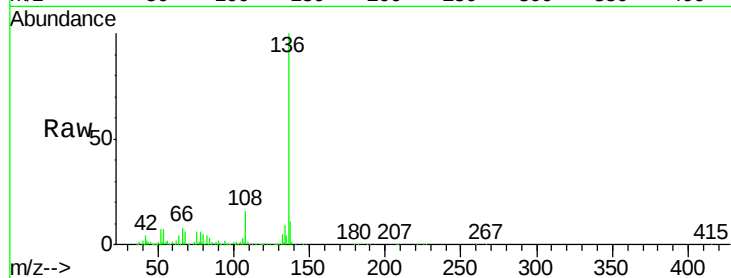




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.19 min Scan# 1241  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

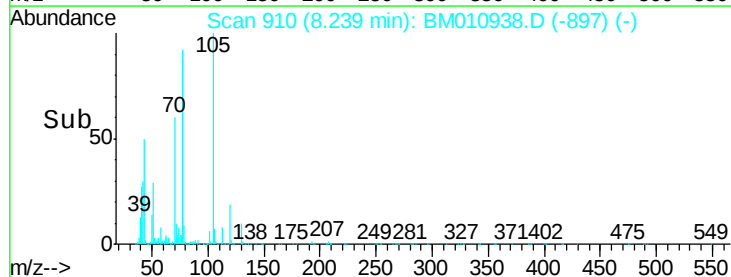
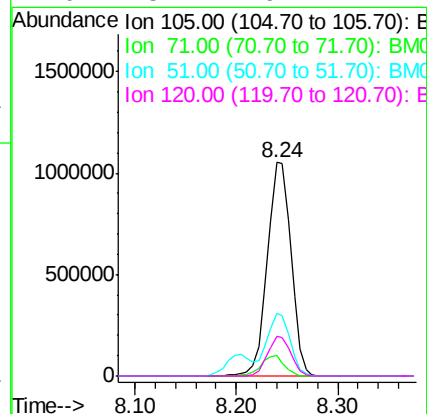
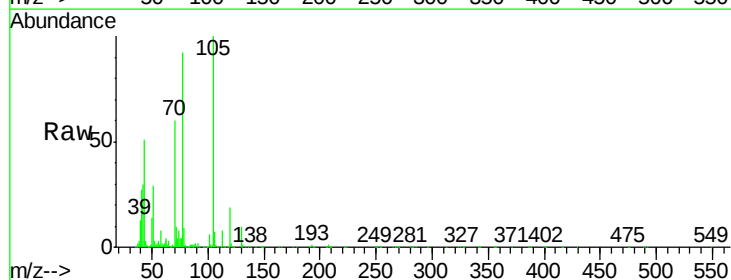
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

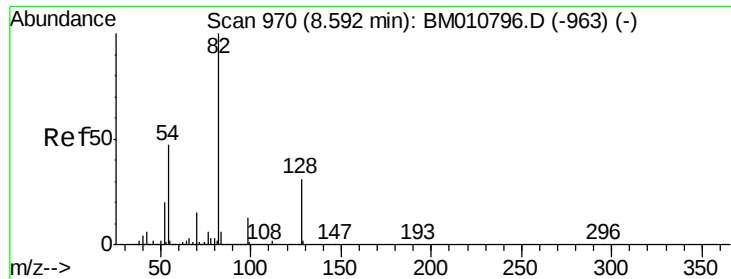
Tgt Ion:136 Resp: 1411729  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 7.5 4.6 6.8#  
68 6.3 3.7 5.5#



#22  
Acetophenone  
Concen: 40.31 ng  
RT: 8.24 min Scan# 910  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:105 Resp: 1713421  
Ion Ratio Lower Upper  
105 100  
71 9.6 0.6 1.0#  
51 29.2 21.6 32.4  
120 18.7 16.1 24.1

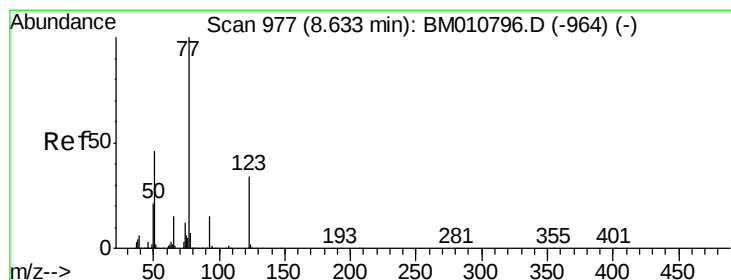
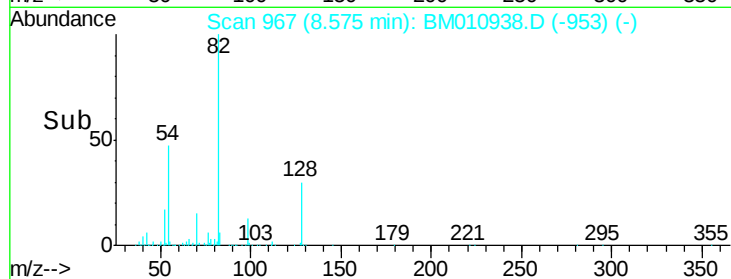
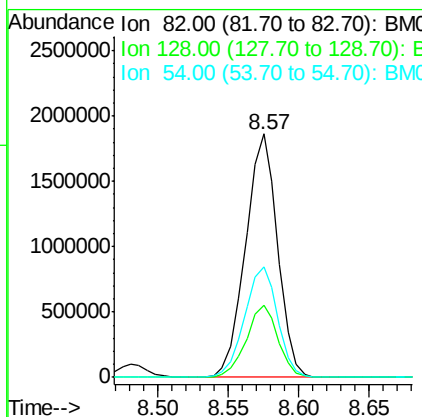
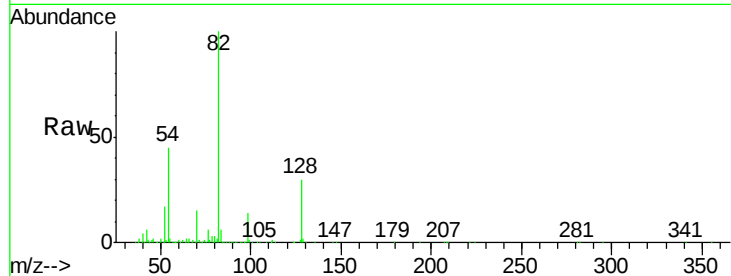




#23  
 Nitrobenzene-d5  
 Concen: 80.52 ng  
 RT: 8.57 min Scan# 967  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

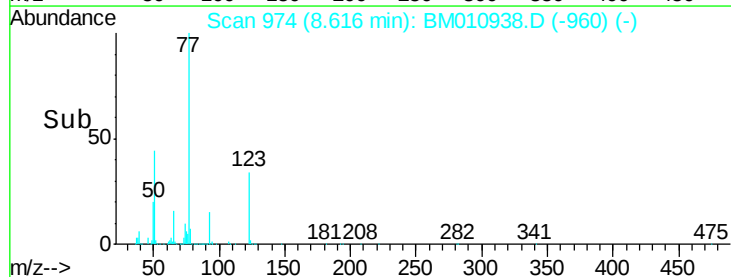
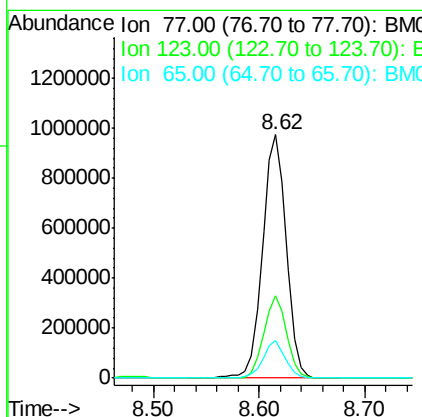
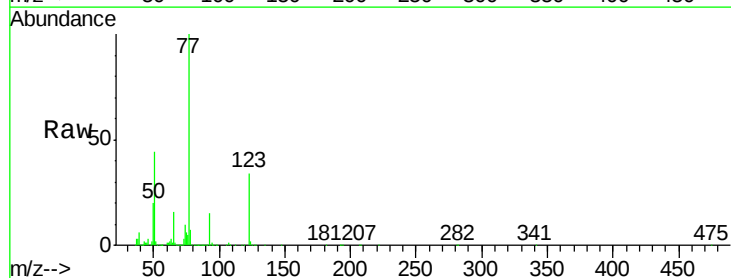
Instrument :  
 BNA\_M  
 ClientSampled :  
 DFTPP

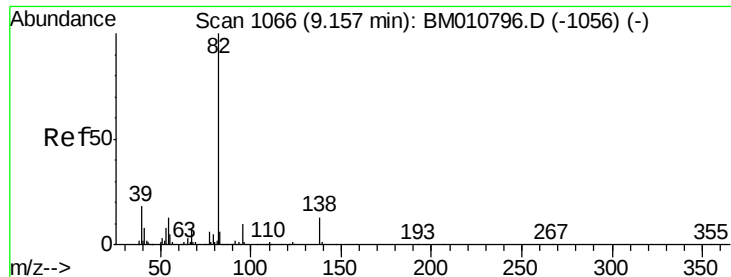
Tgt Ion: 82 Resp: 2957216  
 Ion Ratio Lower Upper  
 82 100  
 128 29.5 32.8 49.2#  
 54 45.3 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 40.08 ng  
 RT: 8.62 min Scan# 974  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion: 77 Resp: 1508541  
 Ion Ratio Lower Upper  
 77 100  
 123 33.8 32.6 49.0  
 65 15.6 10.9 16.3

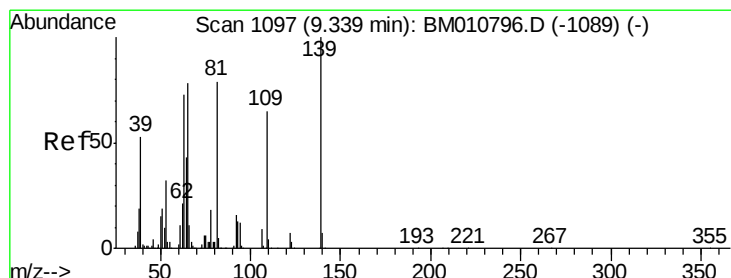
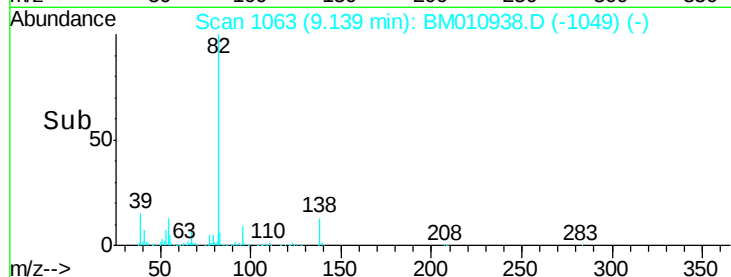
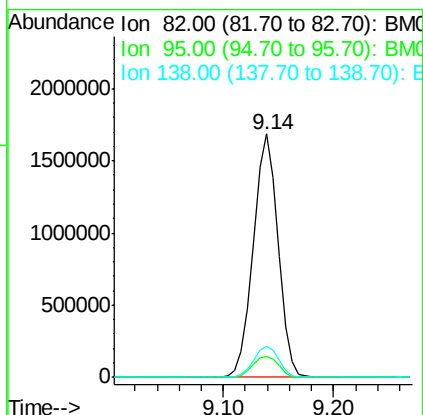
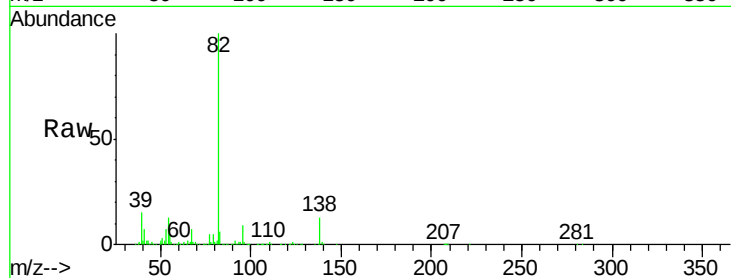




#25  
Isophorone  
Concen: 44.07 ng  
RT: 9.14 min Scan# 1063  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

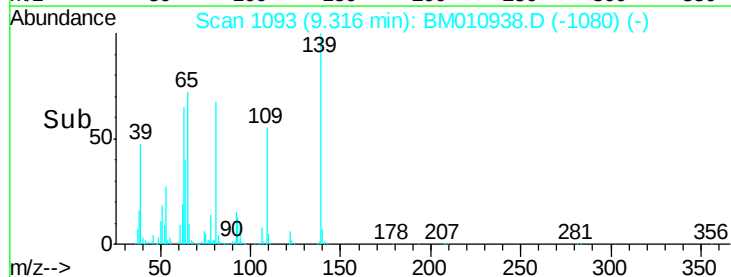
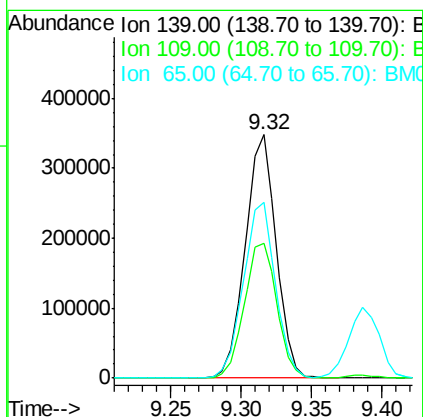
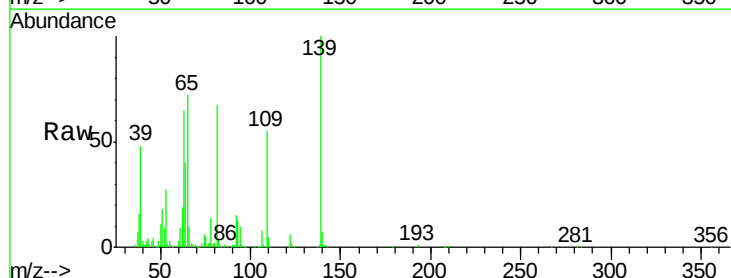
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

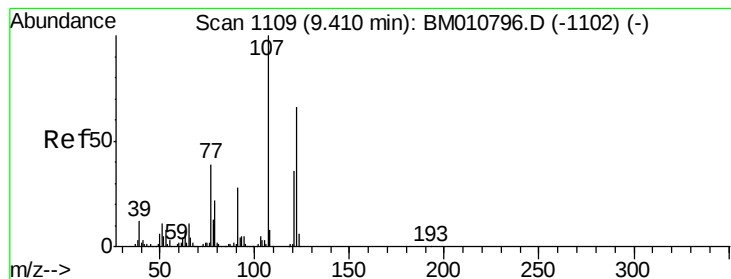
Tgt Ion: 82 Resp: 2651917  
Ion Ratio Lower Upper  
82 100  
95 8.7 5.8 8.6#  
138 13.0 16.3 24.5#



#26  
2-Nitrophenol  
Concen: 42.77 ng  
RT: 9.32 min Scan# 1093  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion: 139 Resp: 535670  
Ion Ratio Lower Upper  
139 100  
109 55.5 20.1 30.1#  
65 72.2 31.5 47.3#

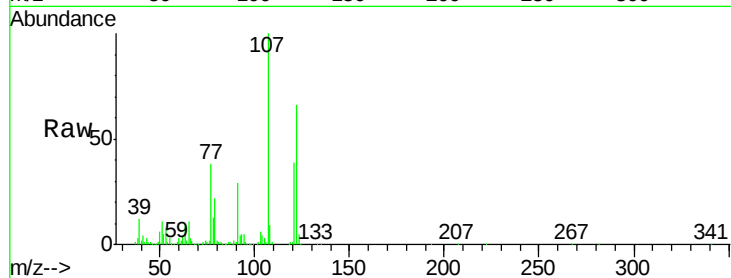




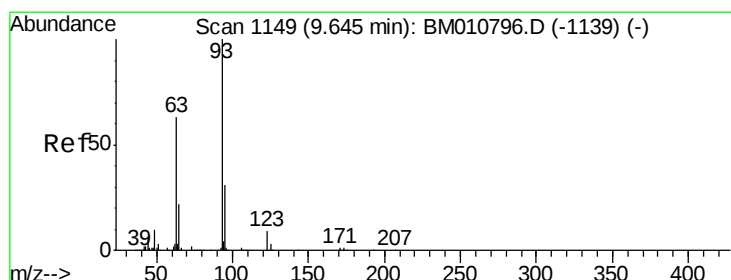
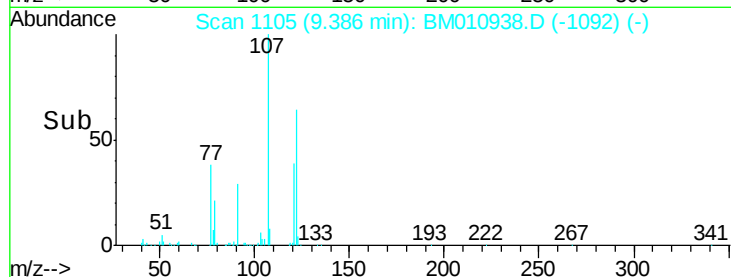
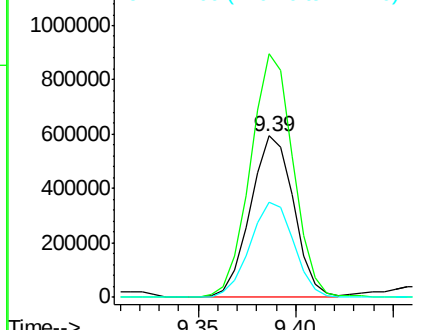
#27  
 2,4-Dimethylphenol  
 Concen: 40.97 ng  
 RT: 9.39 min Scan# 1105  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

Tgt Ion:122 Resp: 915944  
 Ion Ratio Lower Upper  
 122 100  
 107 150.9 84.7 127.1#  
 121 59.3 46.6 69.8

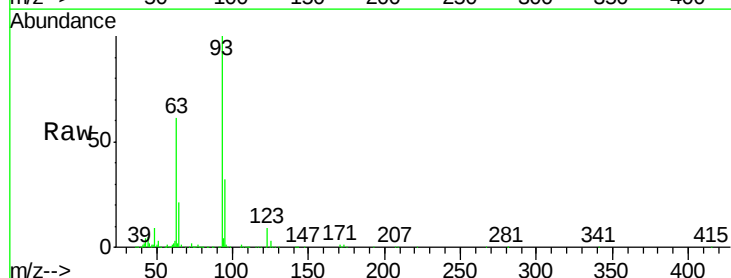


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

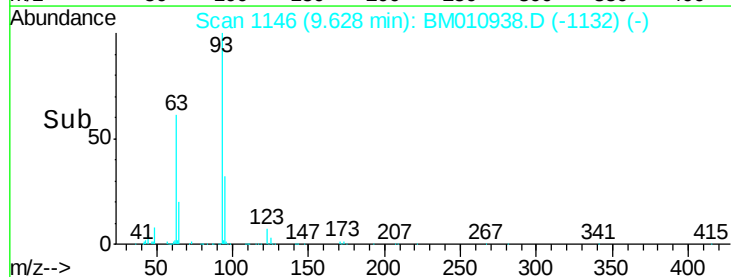
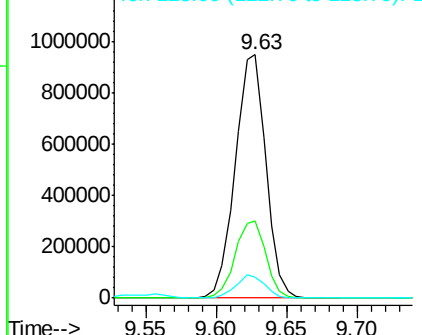


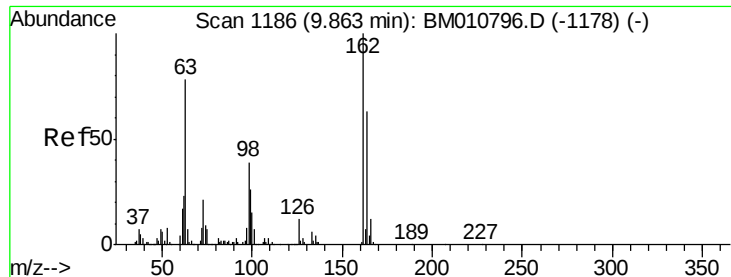
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 42.37 ng  
 RT: 9.63 min Scan# 1146  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion: 93 Resp: 1429063  
 Ion Ratio Lower Upper  
 93 100  
 95 31.9 25.5 38.3  
 123 8.8 8.6 13.0



Abundance Ion 93.00 (92.70 to 93.70): BM0  
 Ion 95.00 (94.70 to 95.70): BM0  
 Ion 123.00 (122.70 to 123.70): E

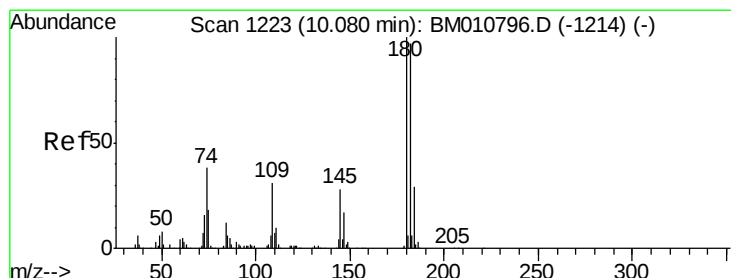
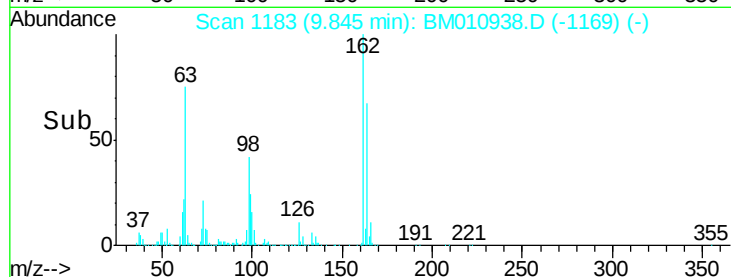
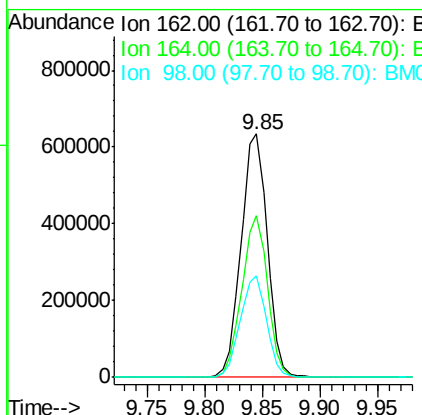
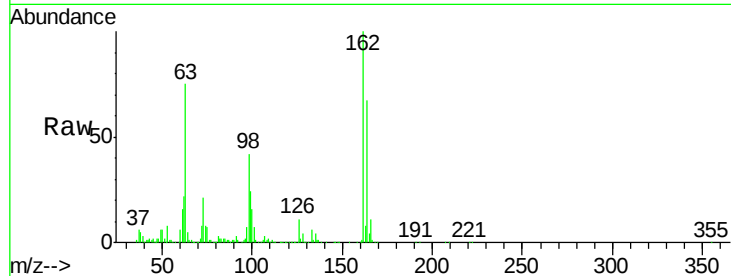




#29  
 2,4-Dichlorophenol  
 Concen: 39.70 ng  
 RT: 9.85 min Scan# 1183  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

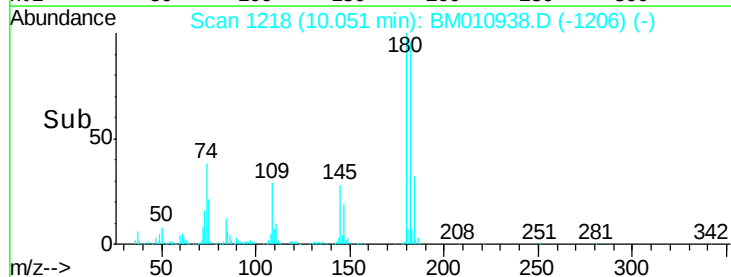
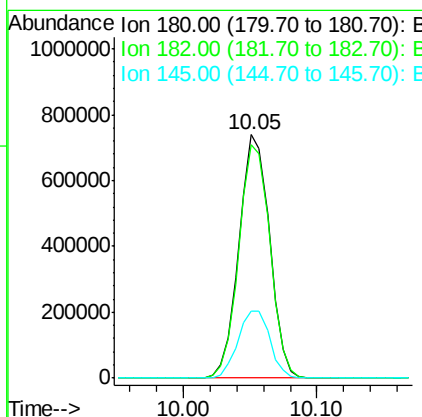
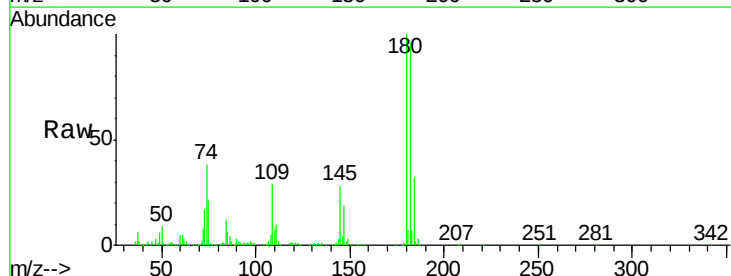
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

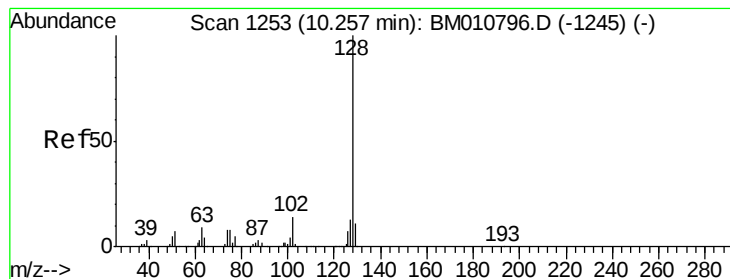
Tgt Ion:162 Resp: 1002521  
 Ion Ratio Lower Upper  
 162 100  
 164 66.7 42.8 82.8  
 98 41.8 14.5 54.5



#30  
 1,2,4-Trichlorobenzene  
 Concen: 37.96 ng  
 RT: 10.05 min Scan# 1218  
 Delta R.T. -0.03 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:180 Resp: 1171932  
 Ion Ratio Lower Upper  
 180 100  
 182 95.7 77.6 116.4  
 145 27.6 23.4 35.2

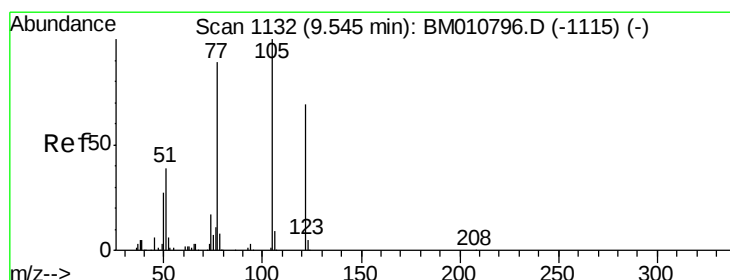
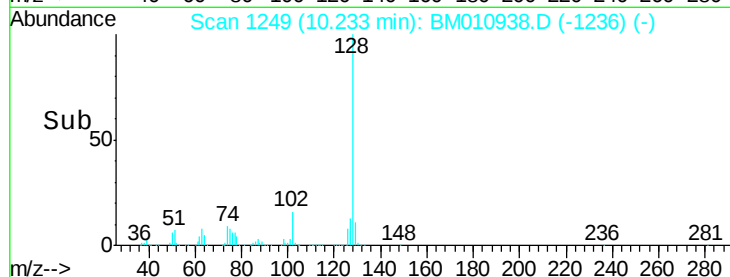
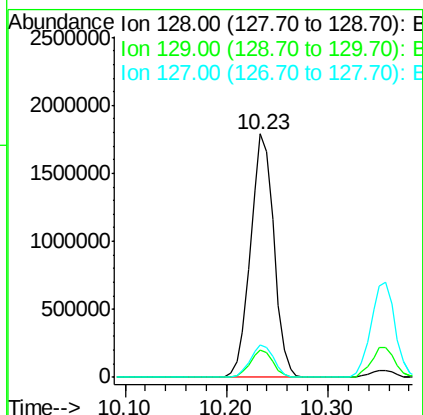
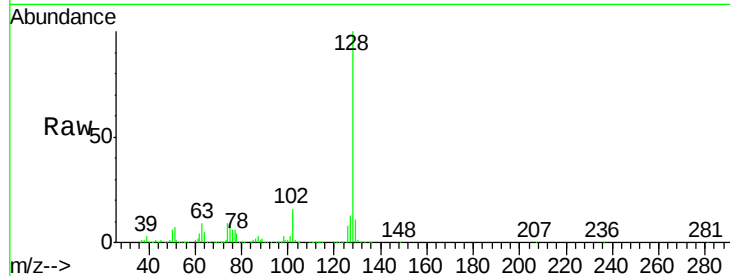




#31  
Naphthalene  
Concen: 39.44 ng  
RT: 10.23 min Scan# 1249  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

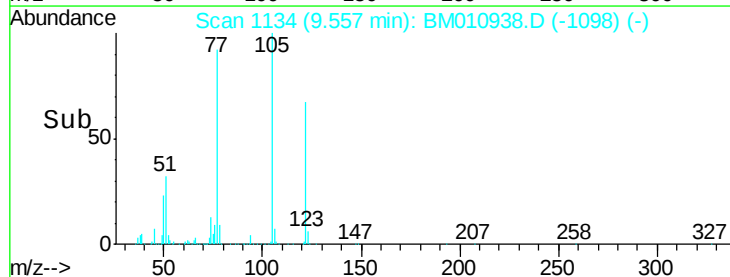
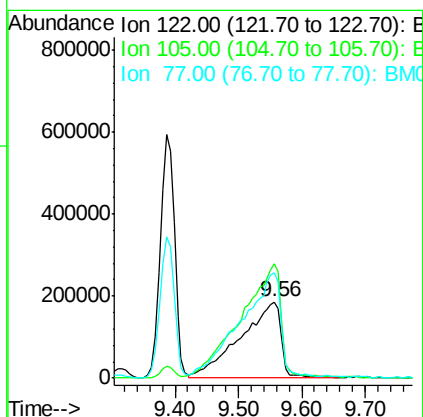
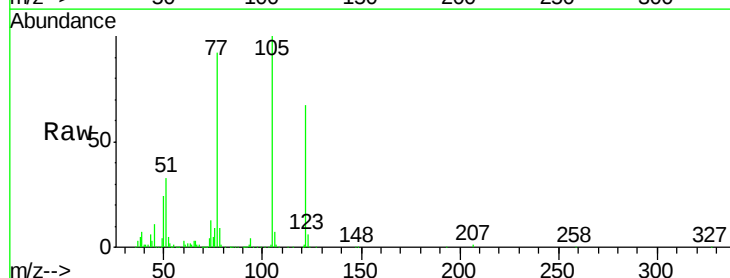
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

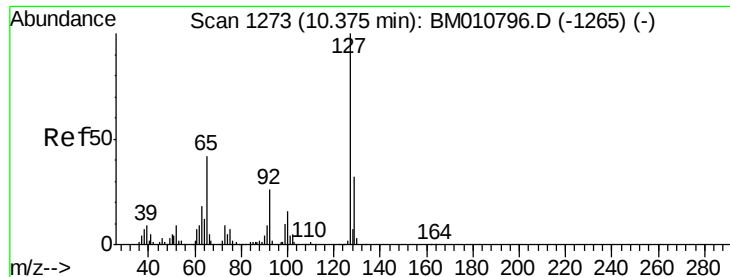
Tgt Ion:128 Resp: 2831395  
Ion Ratio Lower Upper  
128 100  
129 11.0 8.9 13.3  
127 13.4 10.4 15.6



#32  
Benzoic acid  
Concen: 47.09 ng  
RT: 9.56 min Scan# 1134  
Delta R.T. 0.01 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:122 Resp: 825875  
Ion Ratio Lower Upper  
122 100  
105 149.4 99.9 139.9#  
77 137.2 73.7 113.7#

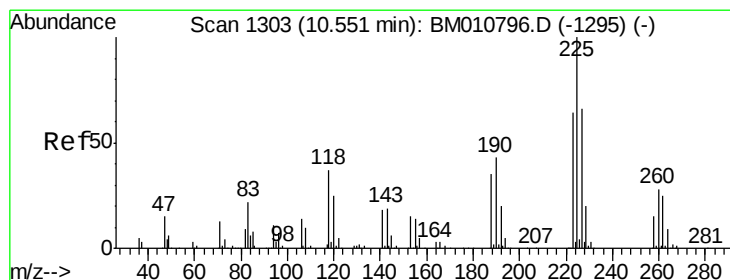
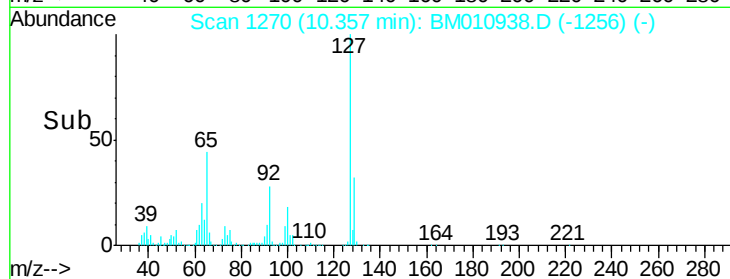
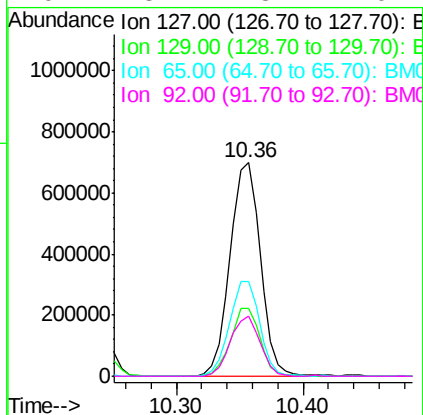
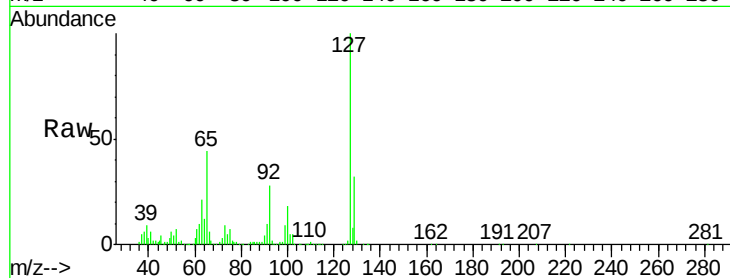




#33  
4-Chloroaniline  
Concen: 39.97 ng  
RT: 10.36 min Scan# 1270  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

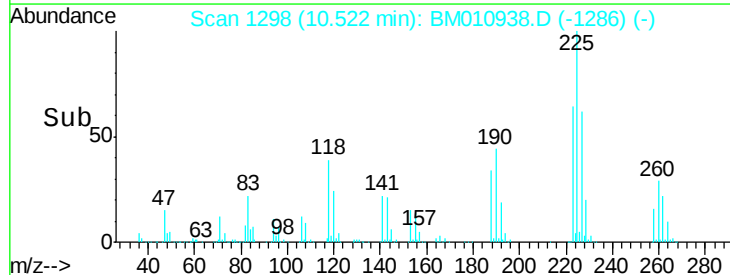
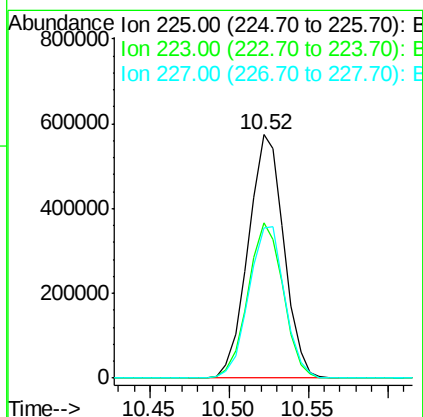
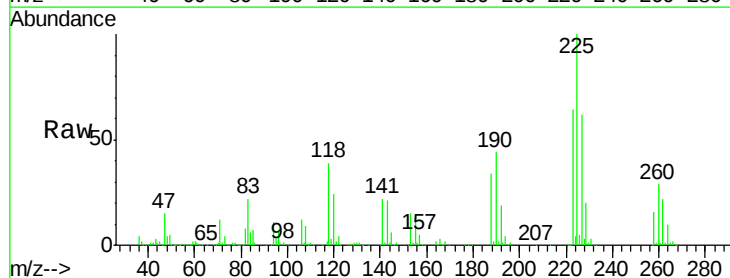
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

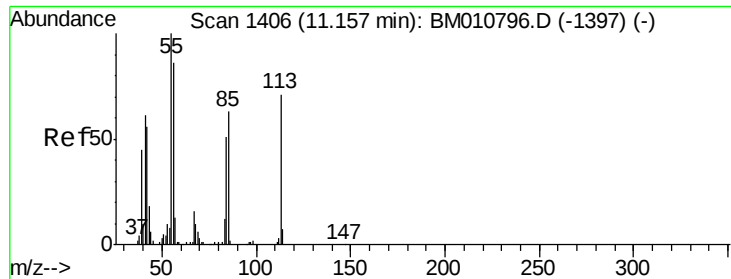
Tgt Ion:127 Resp: 1155797  
Ion Ratio Lower Upper  
127 100  
129 32.0 25.3 37.9  
65 44.3 17.6 26.4#  
92 28.4 13.1 19.7#



#34  
Hexachlorobutadiene  
Concen: 37.44 ng  
RT: 10.52 min Scan# 1298  
Delta R.T. -0.03 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:225 Resp: 896916  
Ion Ratio Lower Upper  
225 100  
223 63.8 47.9 71.9  
227 61.6 50.1 75.1

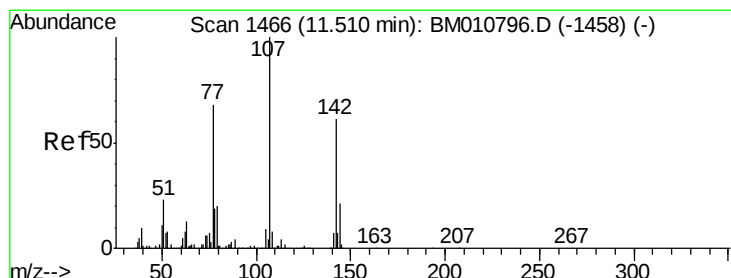
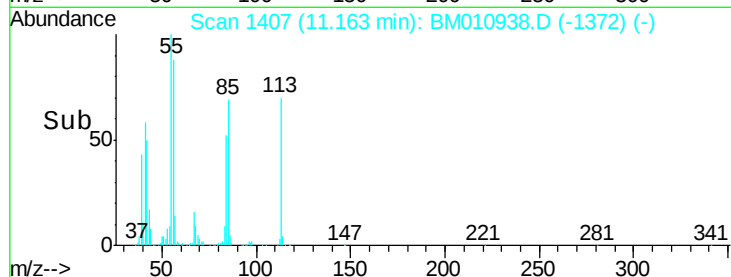
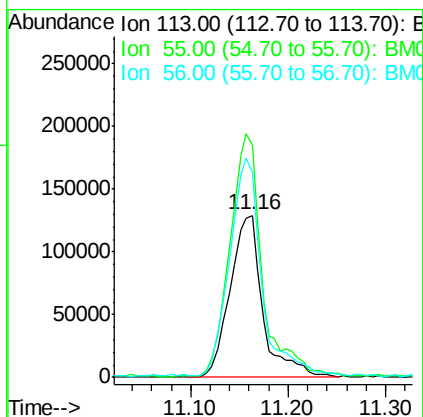
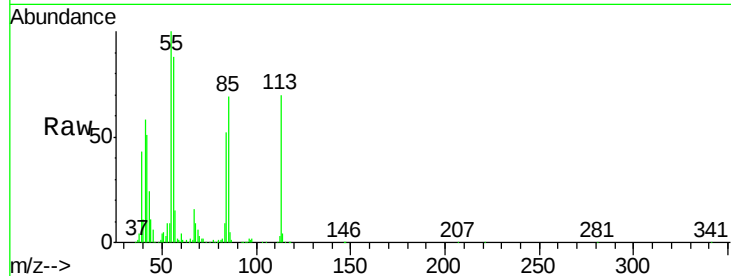




#35  
 Caprolactam  
 Concen: 44.85 ng  
 RT: 11.16 min Scan# 1407  
 Delta R.T. 0.01 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

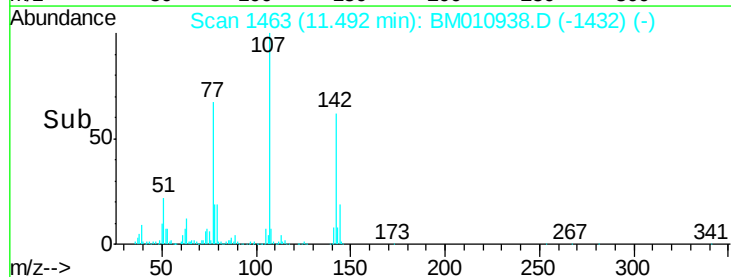
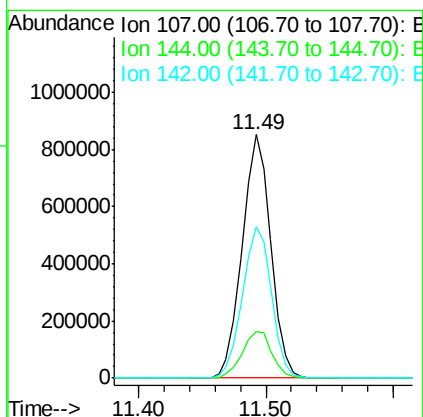
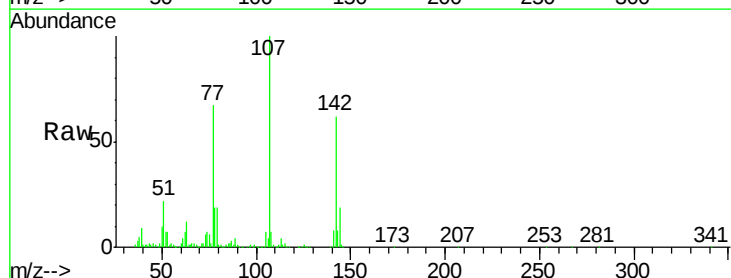
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

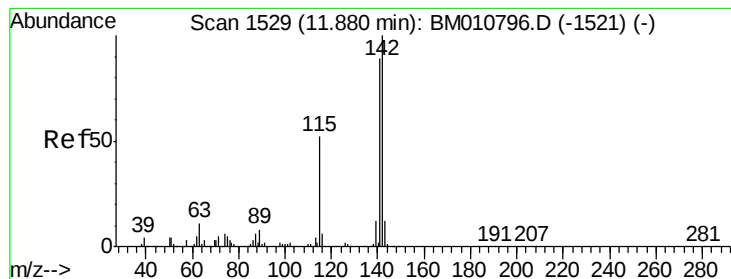
Tgt Ion:113 Resp: 301505  
 Ion Ratio Lower Upper  
 113 100  
 55 143.4 145.9 185.9#  
 56 126.8 101.0 141.0



#36  
 4-Chloro-3-methylphenol  
 Concen: 43.62 ng  
 RT: 11.49 min Scan# 1463  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:107 Resp: 1332288  
 Ion Ratio Lower Upper  
 107 100  
 144 19.0 23.3 34.9#  
 142 62.1 72.6 109.0#





#37

2-Methylnaphthalene

Concen: 40.67 ng

RT: 11.86 min Scan# 1525

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

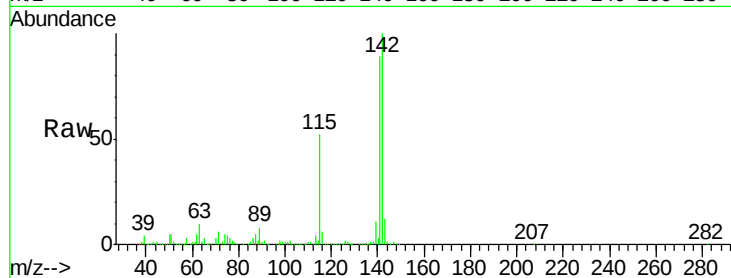
Tgt Ion:142 Resp: 2096686

Ion Ratio Lower Upper

142 100

141 89.5 71.9 107.9

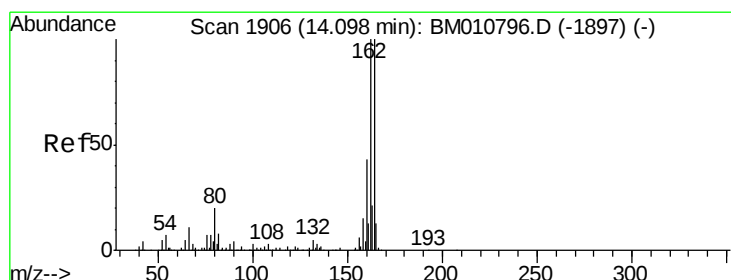
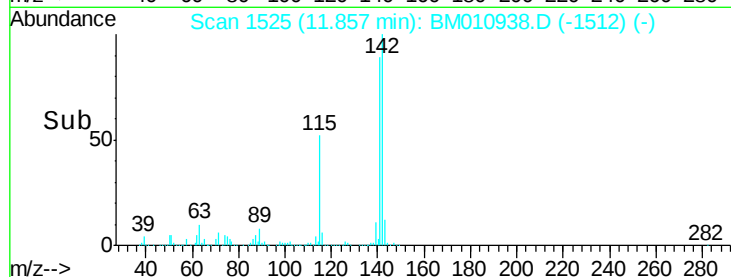
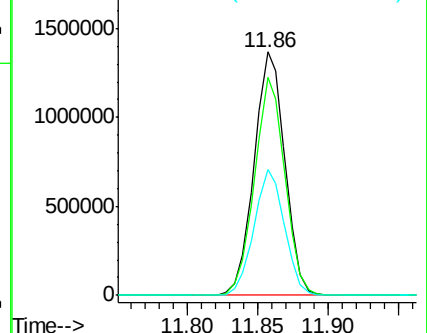
115 51.9 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.08 min Scan# 1903

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

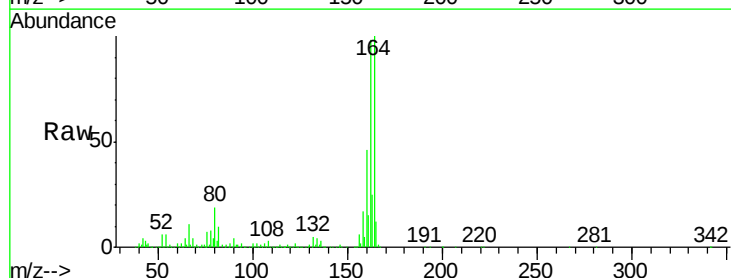
Tgt Ion:164 Resp: 952853

Ion Ratio Lower Upper

164 100

162 97.6 82.4 123.6

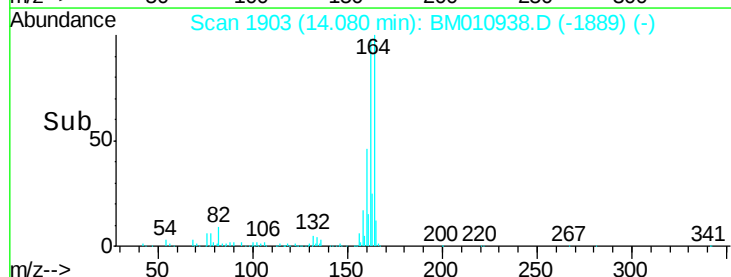
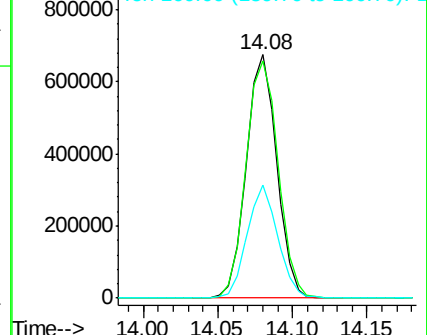
160 46.4 35.8 53.6

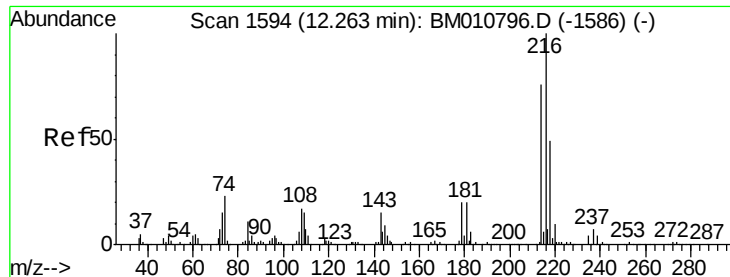


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.35 ng

RT: 12.24 min Scan# 1590

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

Tgt Ion:216 Resp: 1634316

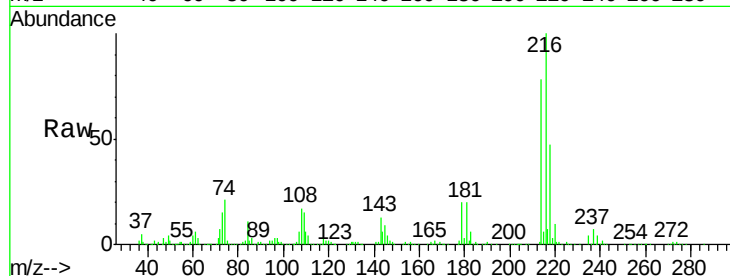
Ion Ratio Lower Upper

216 100

214 77.0 0.0 0.0#

179 20.2 0.0 0.0#

108 19.2 0.0 0.0#

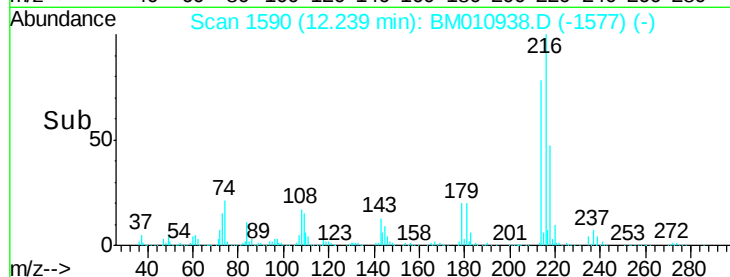


Abundance Ion 216.00 (215.70 to 216.70): E

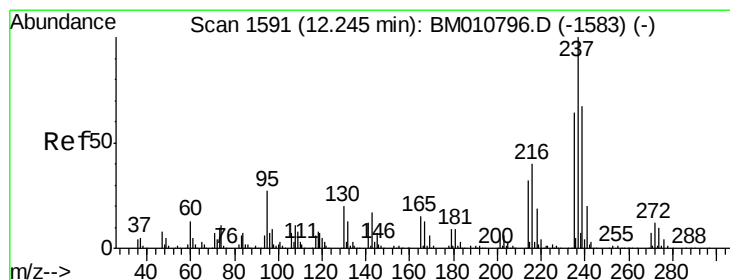
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 34.93 ng

RT: 12.22 min Scan# 1587

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

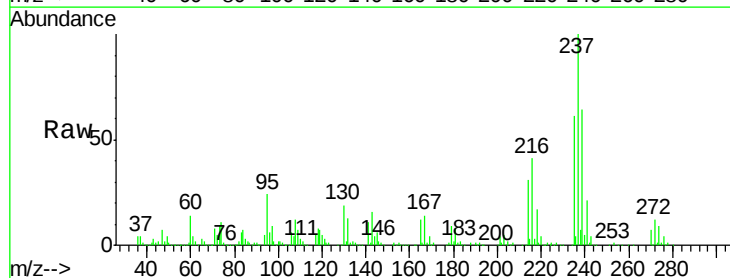
Tgt Ion:237 Resp: 831709

Ion Ratio Lower Upper

237 100

235 60.6 42.0 82.0

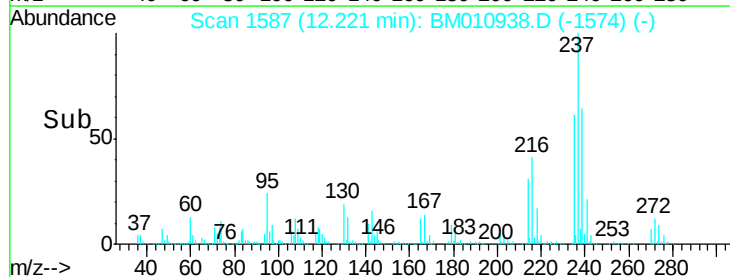
272 11.6 0.0 33.4



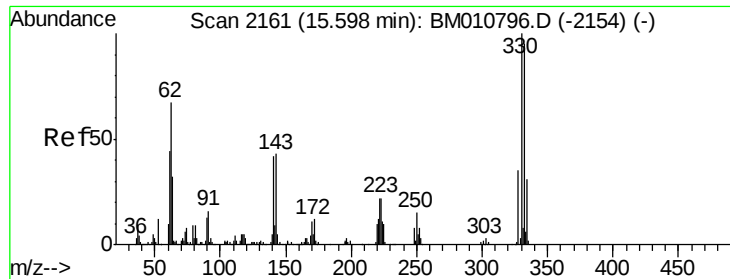
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



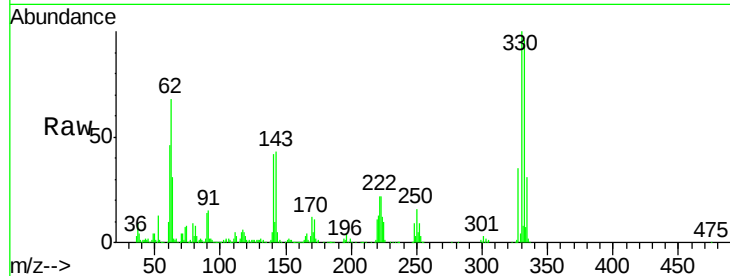
Time-->



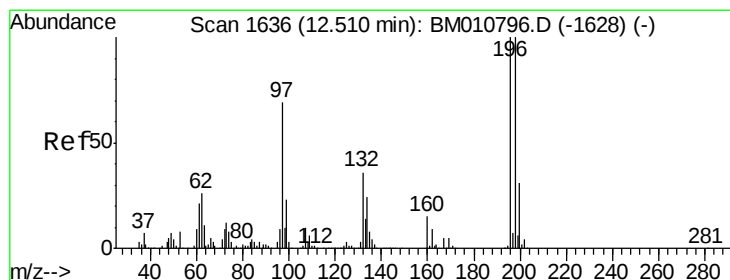
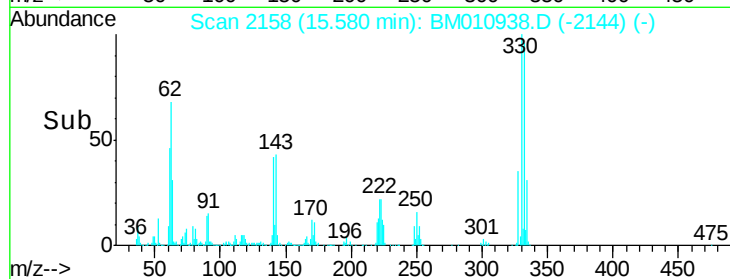
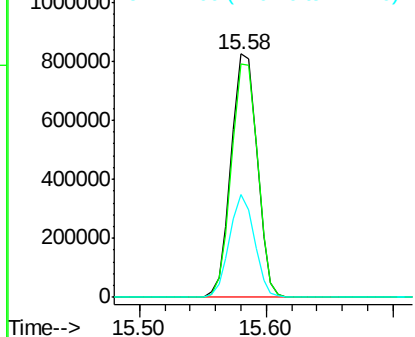
#41  
 2,4,6-Tribromophenol  
 Concen: 80.56 ng  
 RT: 15.58 min Scan# 2158  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Instrument :  
 BNA\_M  
 ClientSampled :  
 DFTPP

Tgt Ion:330 Resp: 1173011  
 Ion Ratio Lower Upper  
 330 100  
 332 96.3 0.0 0.0#  
 141 40.3 0.0 0.0#

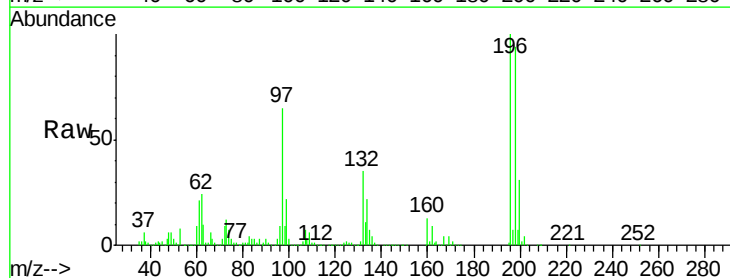


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

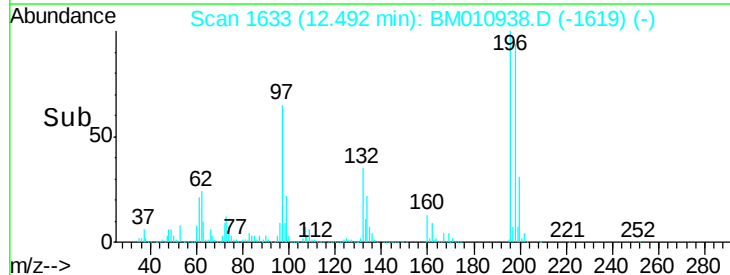
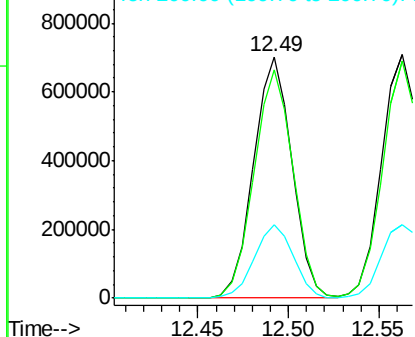


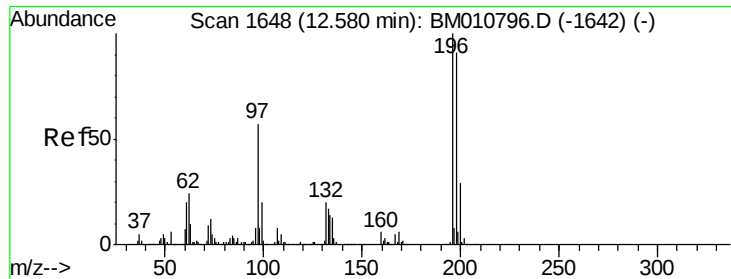
#42  
 2,4,6-Trichlorophenol  
 Concen: 40.48 ng  
 RT: 12.49 min Scan# 1633  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:196 Resp: 1035313  
 Ion Ratio Lower Upper  
 196 100  
 198 94.5 76.3 114.5  
 200 30.6 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

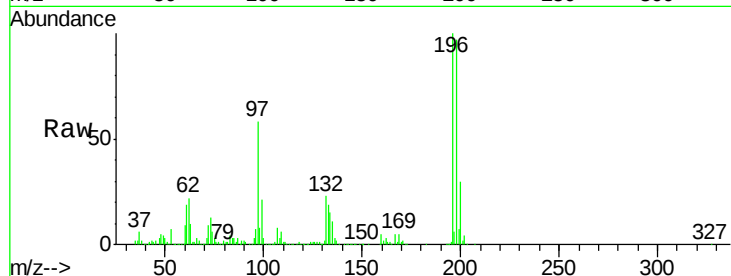




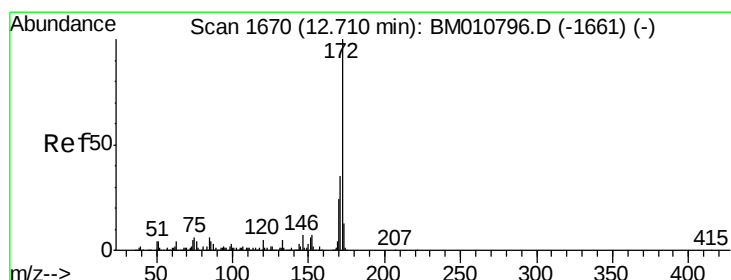
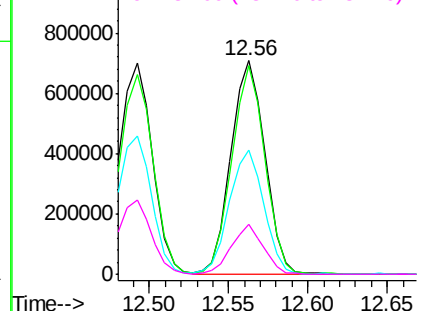
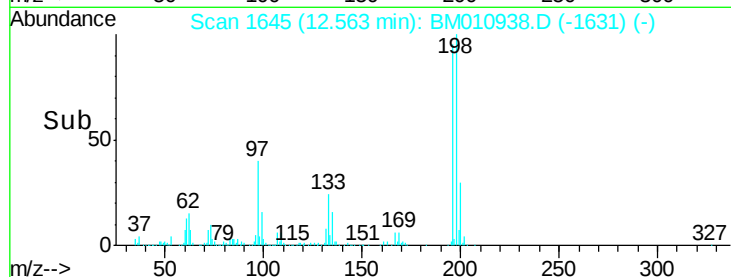
#43  
 2,4,5-Trichlorophenol  
 Concen: 41.59 ng  
 RT: 12.56 min Scan# 1645  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

Tgt Ion:196 Resp: 1050145  
 Ion Ratio Lower Upper  
 196 100  
 198 97.5 79.4 119.0  
 97 58.0 26.8 40.2#  
 132 23.5 18.6 28.0

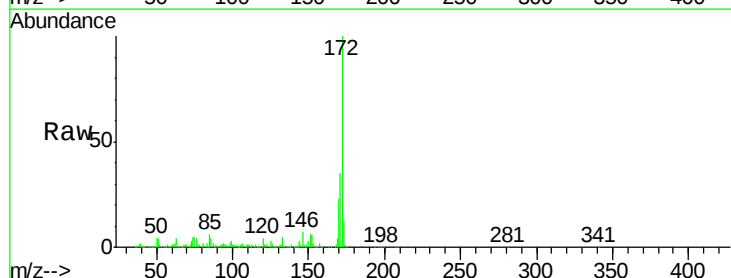


Abundance Ion 196.00 (195.70 to 196.70): E  
 Ion 198.00 (197.70 to 198.70): E  
 Ion 97.00 (96.70 to 97.70): BM0  
 Ion 132.00 (131.70 to 132.70): E

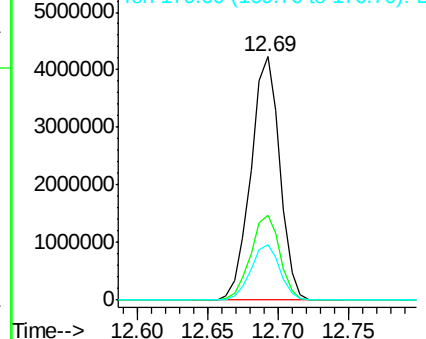
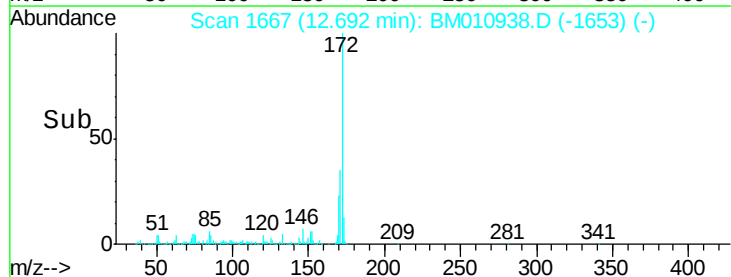


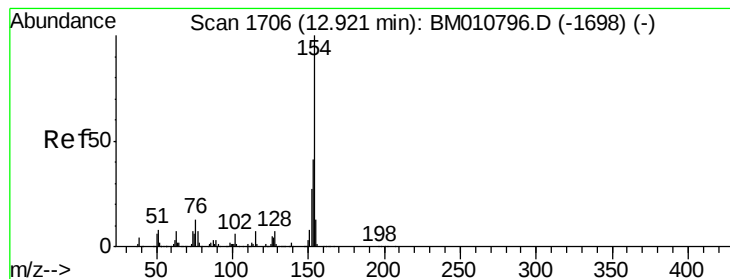
#44  
 2-Fluorobiphenyl  
 Concen: 79.57 ng  
 RT: 12.69 min Scan# 1667  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:172 Resp: 6094845  
 Ion Ratio Lower Upper  
 172 100  
 171 34.7 28.5 42.7  
 170 22.9 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 40.38 ng

RT: 12.90 min Scan# 1703

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

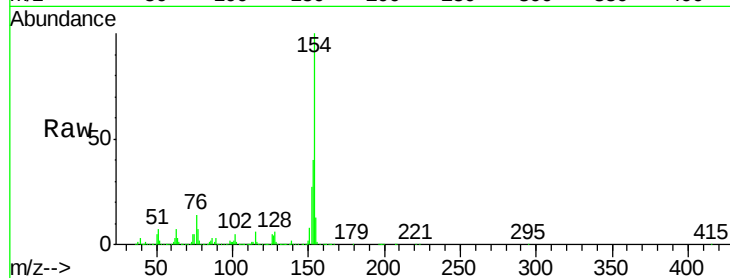
Tgt Ion:154 Resp: 3351966

Ion Ratio Lower Upper

154 100

153 39.9 20.7 60.7

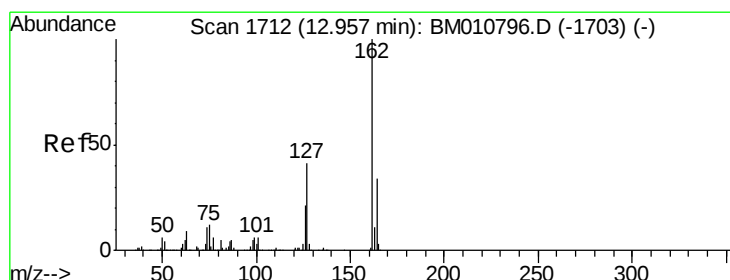
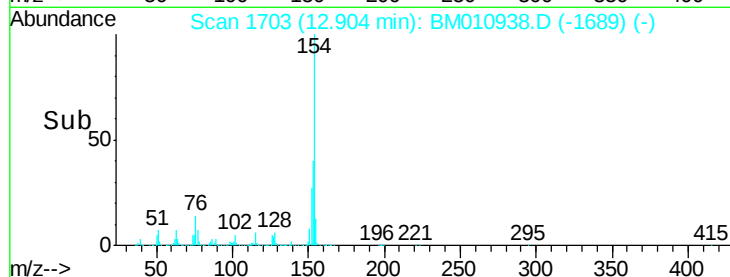
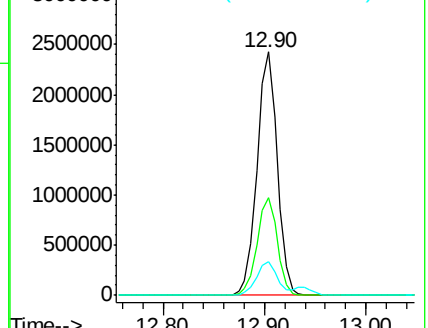
76 13.9 0.0 30.9



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: 39.78 ng

RT: 12.94 min Scan# 1709

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

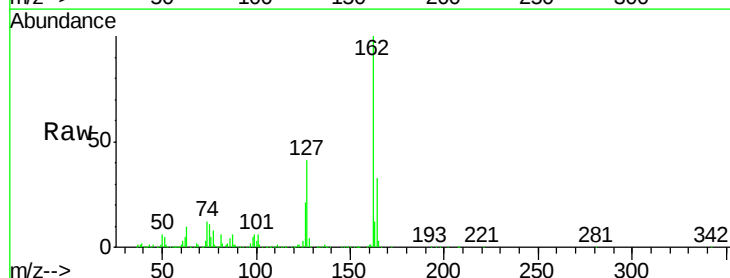
Tgt Ion:162 Resp: 2421322

Ion Ratio Lower Upper

162 100

127 41.3 26.9 40.3#

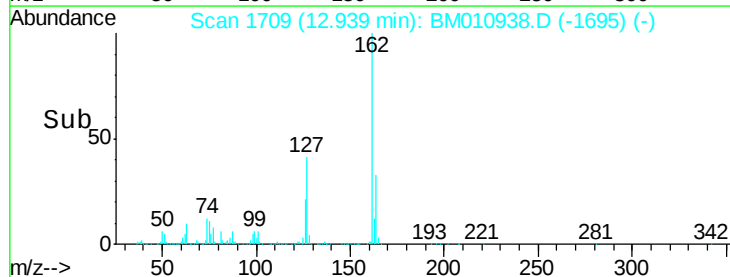
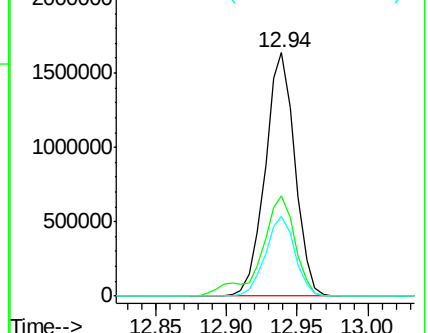
164 32.7 26.8 40.2

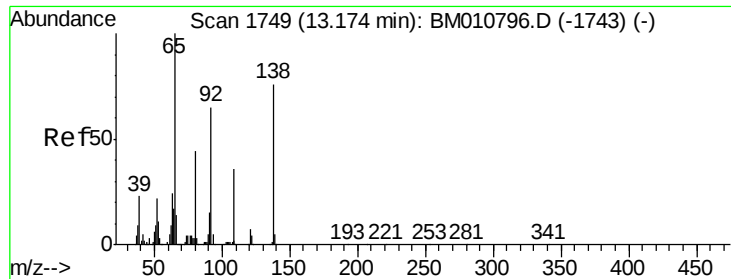


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

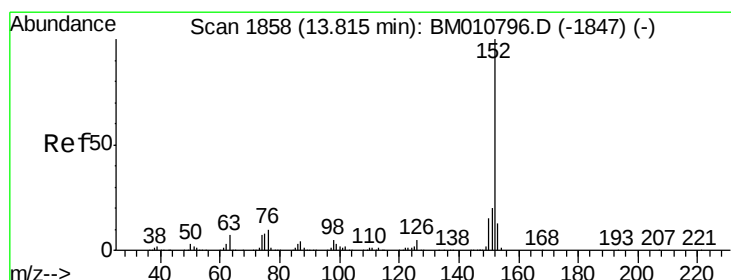
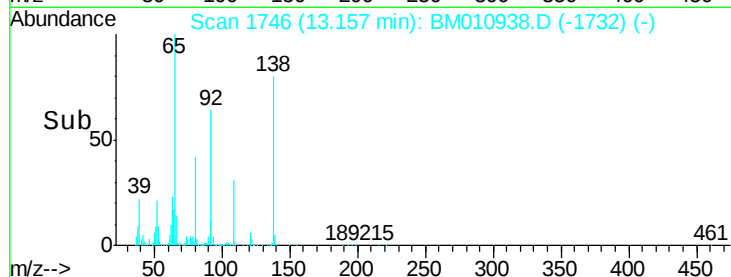
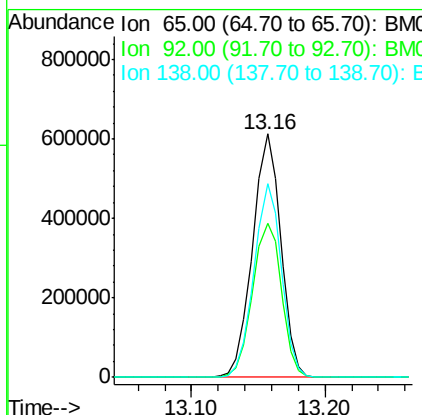
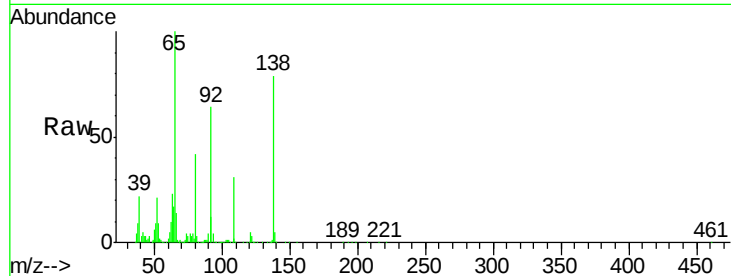




#47  
2-Nitroaniline  
Concen: 44.57 ng  
RT: 13.16 min Scan# 1746  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

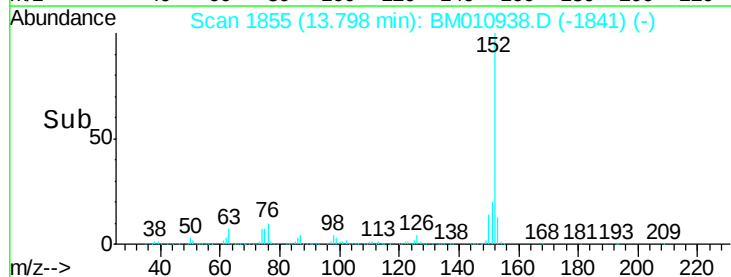
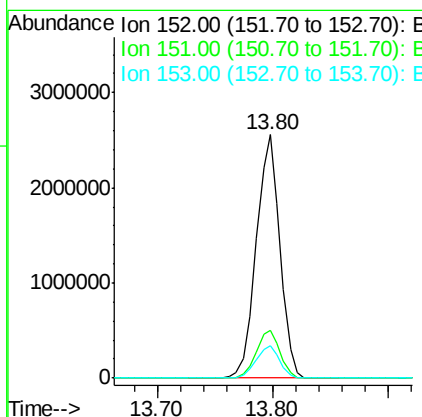
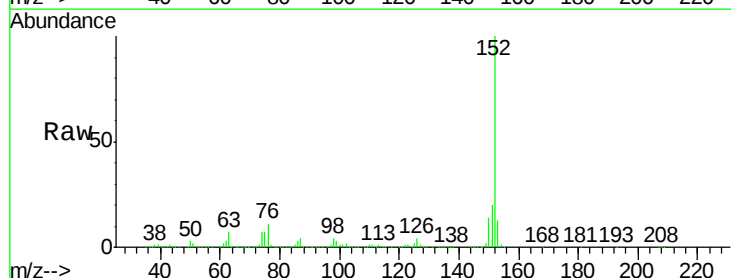
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

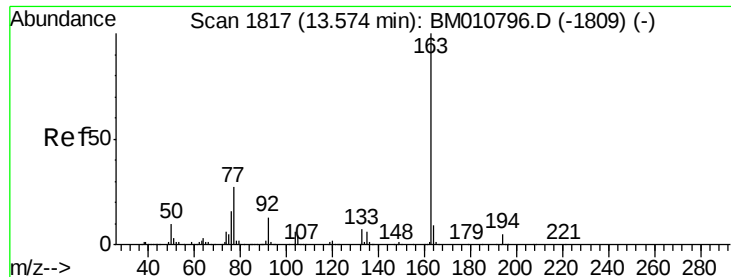
Tgt Ion: 65 Resp: 891825  
Ion Ratio Lower Upper  
65 100  
92 63.5 59.1 88.7  
138 79.5 93.9 140.9#



#48  
Acenaphthylene  
Concen: 40.22 ng  
RT: 13.80 min Scan# 1855  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion: 152 Resp: 3640707  
Ion Ratio Lower Upper  
152 100  
151 19.8 15.9 23.9  
153 13.1 10.6 16.0





#49

Dimethylphthalate

Concen: 40.77 ng

RT: 13.56 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

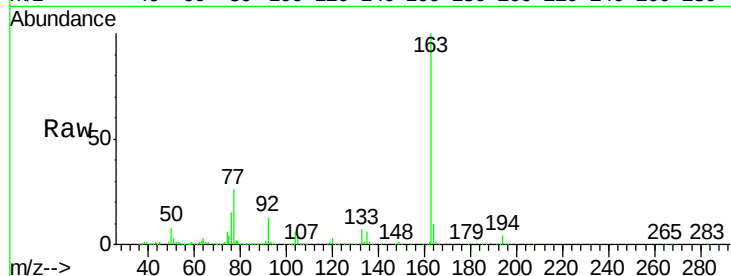
Tgt Ion:163 Resp: 3304563

Ion Ratio Lower Upper

163 100

194 4.4 2.7 4.1#

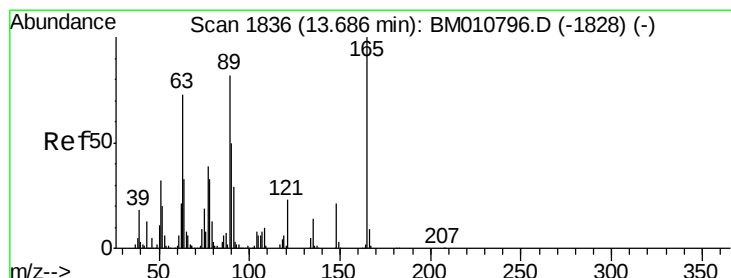
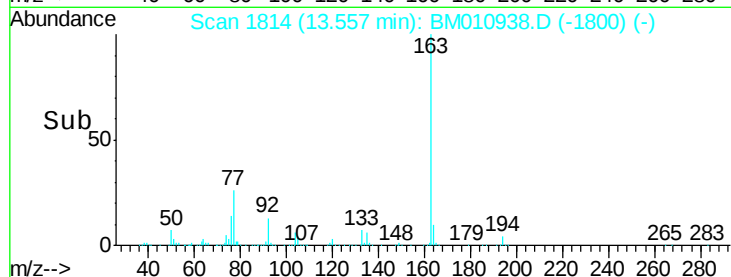
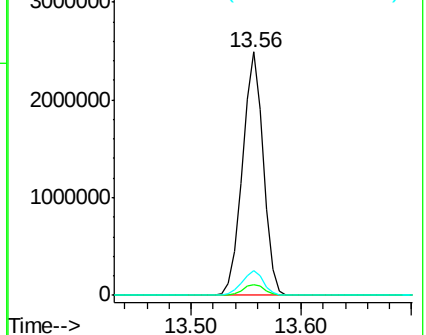
164 10.1 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 43.88 ng

RT: 13.67 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

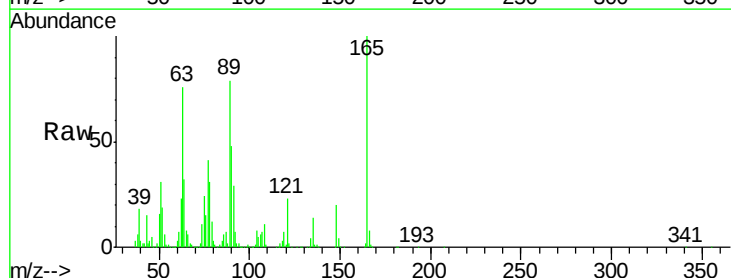
Tgt Ion:165 Resp: 697684

Ion Ratio Lower Upper

165 100

63 75.5 44.1 66.1#

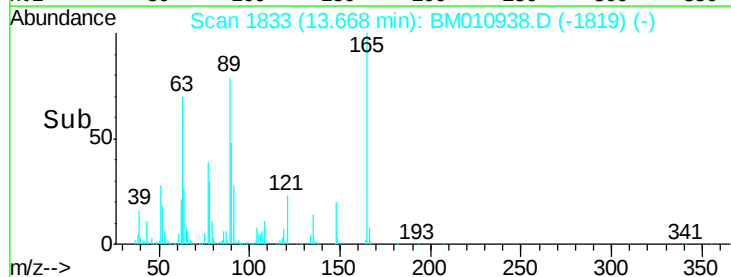
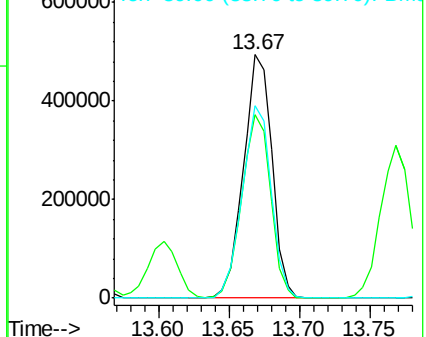
89 79.1 44.3 66.5#

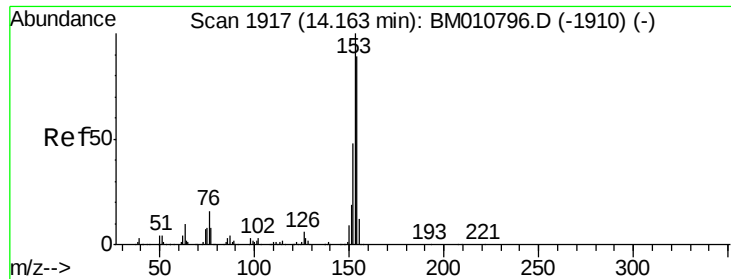


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 40.10 ng

RT: 14.14 min Scan# 1914

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

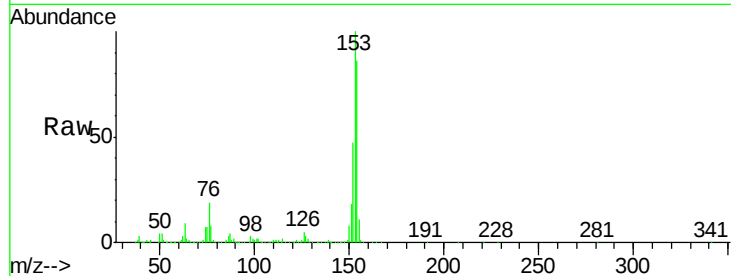
Tgt Ion:154 Resp: 2218411

Ion Ratio Lower Upper

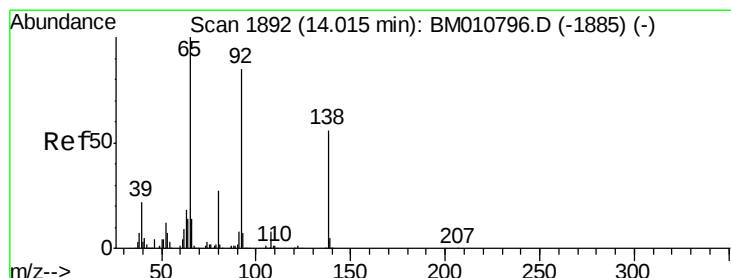
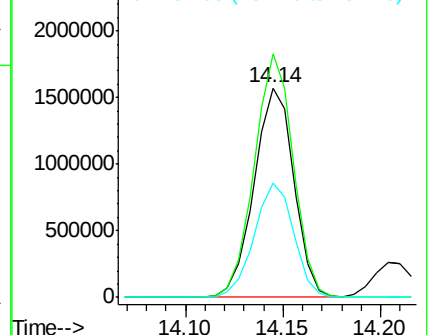
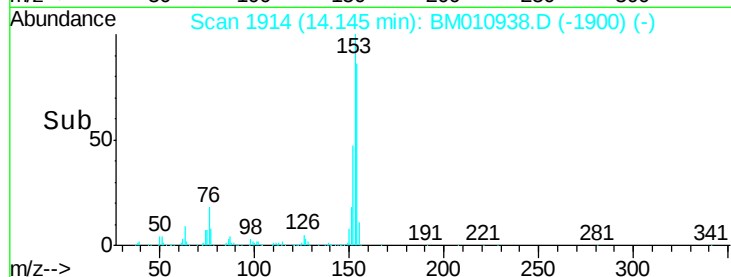
154 100

153 116.3 90.0 135.0

152 54.6 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: 39.38 ng

RT: 14.00 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

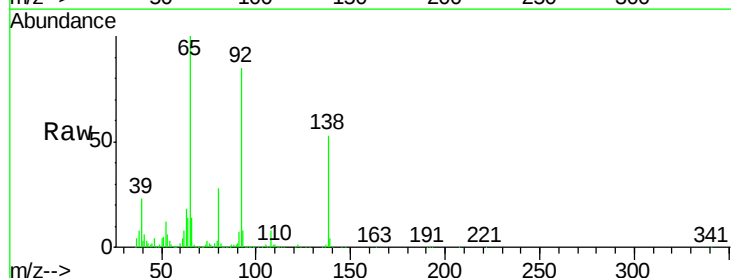
Tgt Ion:138 Resp: 569249

Ion Ratio Lower Upper

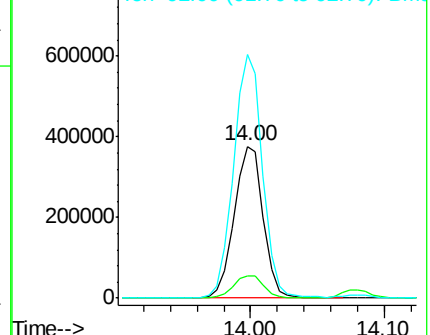
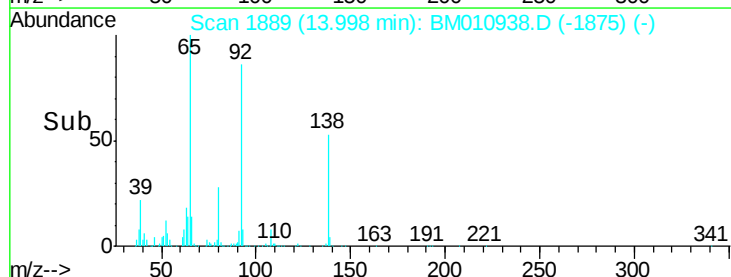
138 100

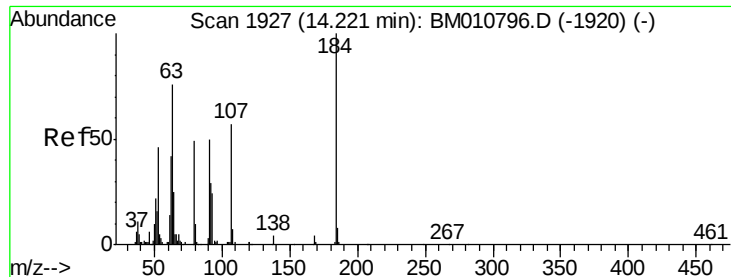
108 14.4 7.3 10.9#

92 160.2 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): BM0

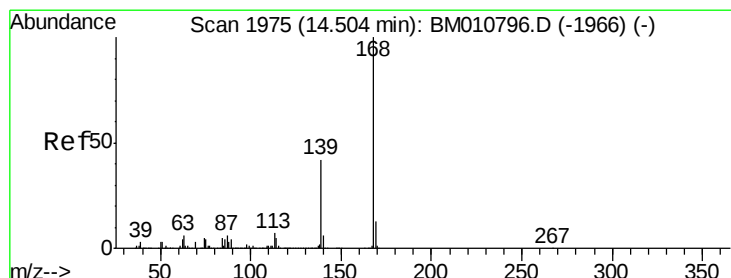
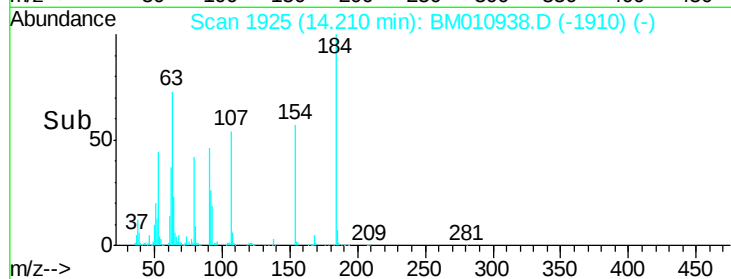
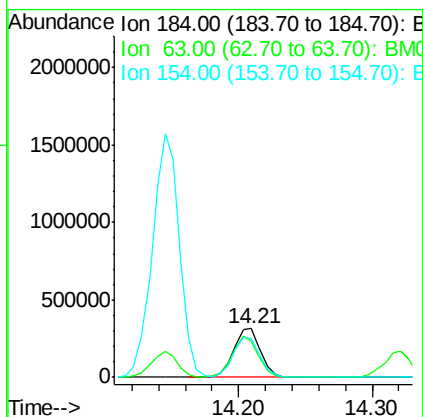
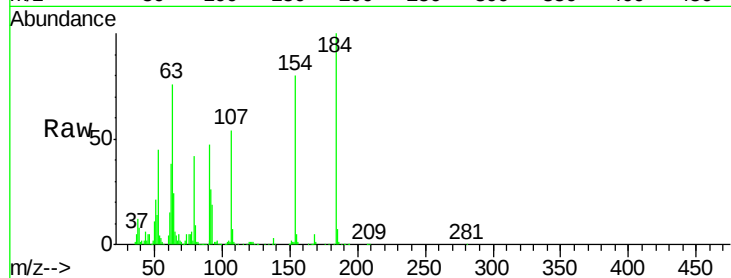




#53  
2,4-Dinitrophenol  
Concen: 40.66 ng  
RT: 14.21 min Scan# 1925  
Delta R.T. -0.01 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

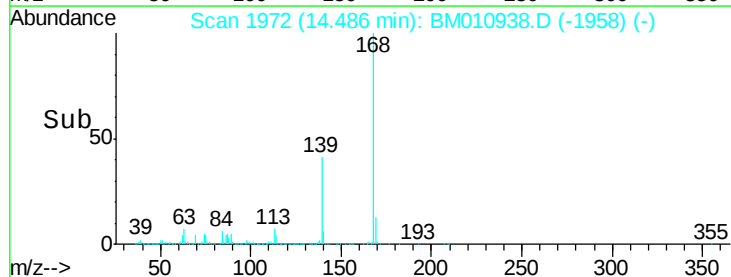
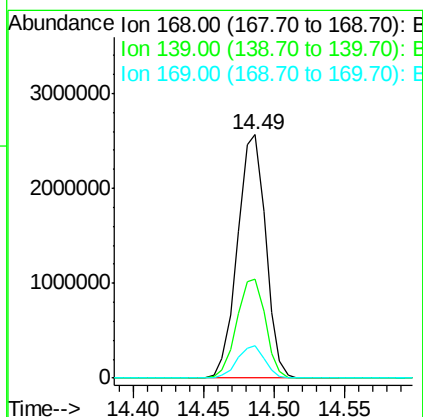
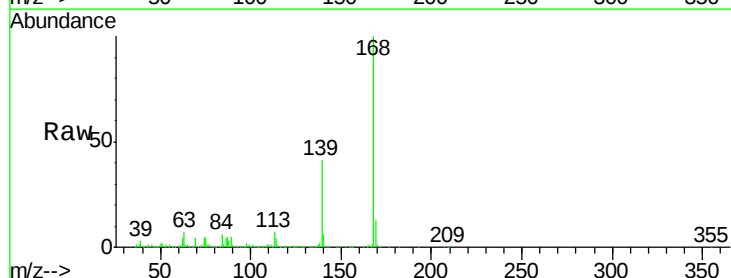
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

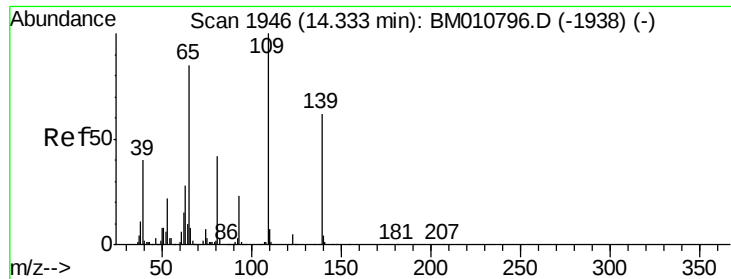
Tgt Ion:184 Resp: 446880  
Ion Ratio Lower Upper  
184 100  
63 76.2 69.2 103.8  
154 79.6 53.3 79.9



#54  
Dibenzofuran  
Concen: 40.07 ng  
RT: 14.49 min Scan# 1972  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:168 Resp: 3585722  
Ion Ratio Lower Upper  
168 100  
139 40.6 27.3 40.9  
169 13.3 10.6 16.0

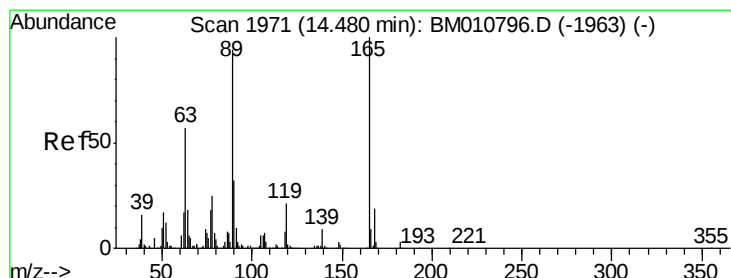
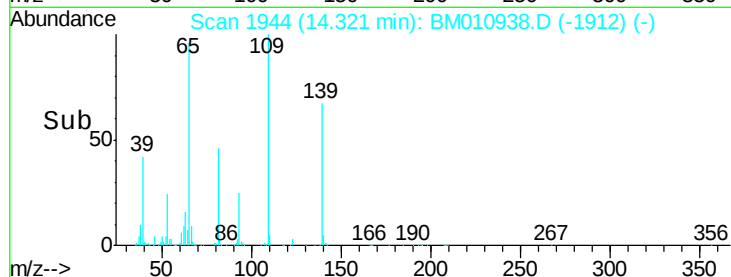
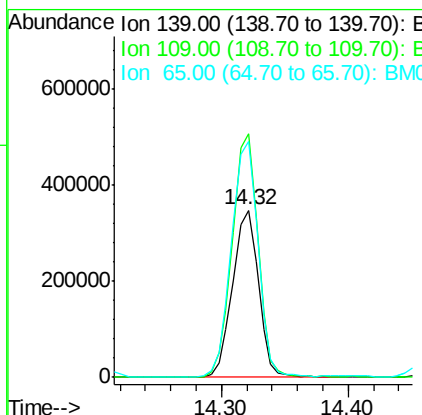
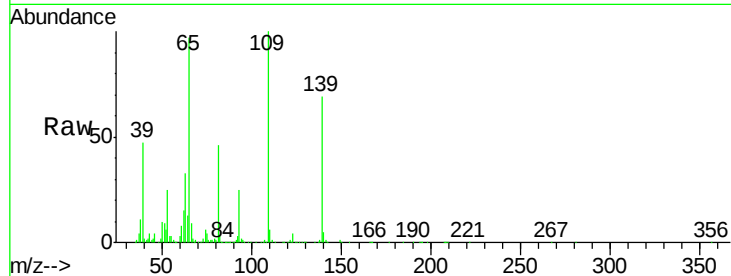




#55  
4-Nitrophenol  
Concen: 39.34 ng  
RT: 14.32 min Scan# 1944  
Delta R.T. -0.01 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

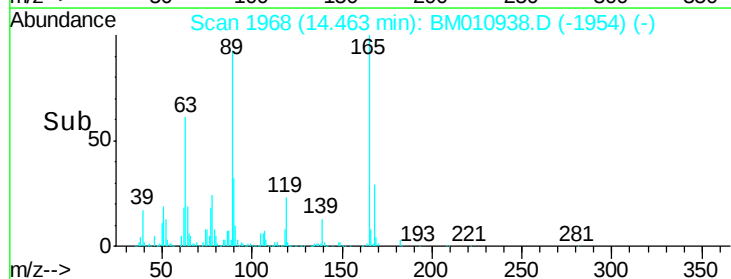
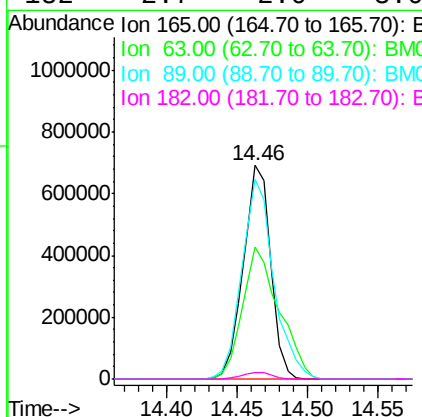
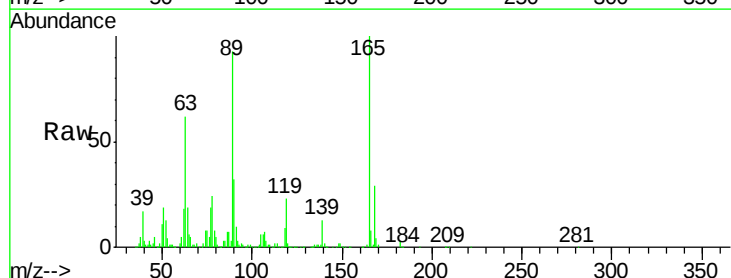
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

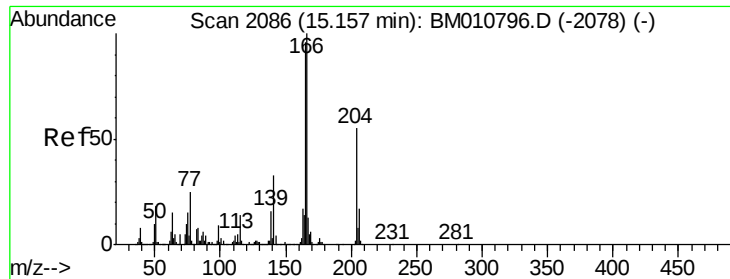
Tgt Ion:139 Resp: 493814  
Ion Ratio Lower Upper  
139 100  
109 145.4 37.7 77.7#  
65 141.2 49.9 89.9#



#56  
2,4-Dinitrotoluene  
Concen: 42.35 ng  
RT: 14.46 min Scan# 1968  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:165 Resp: 934351  
Ion Ratio Lower Upper  
165 100  
63 61.6 52.4 78.6  
89 93.4 72.4 108.6  
182 2.7 2.0 3.0

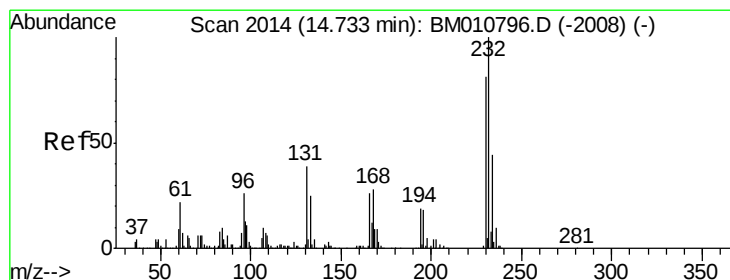
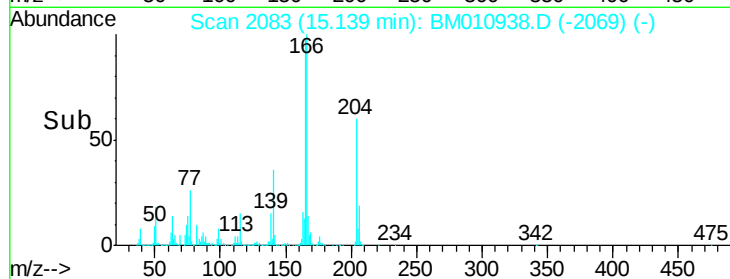
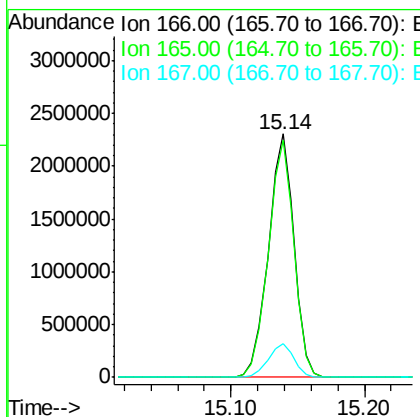
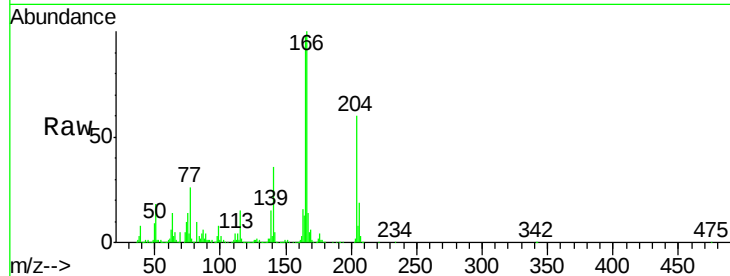




#57  
**Fluorene**  
 Concen: 39.97 ng  
 RT: 15.14 min Scan# 2083  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

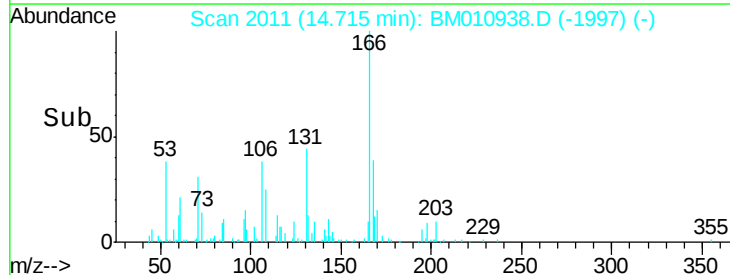
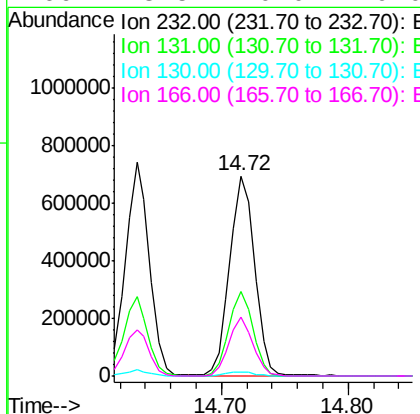
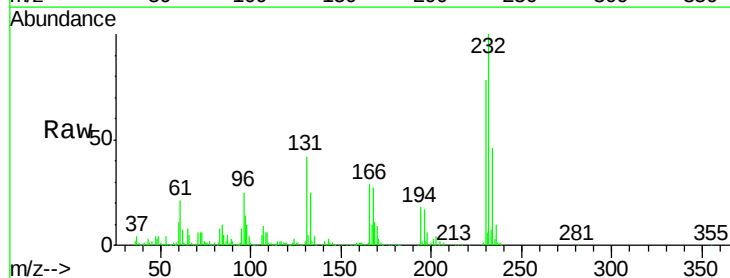
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

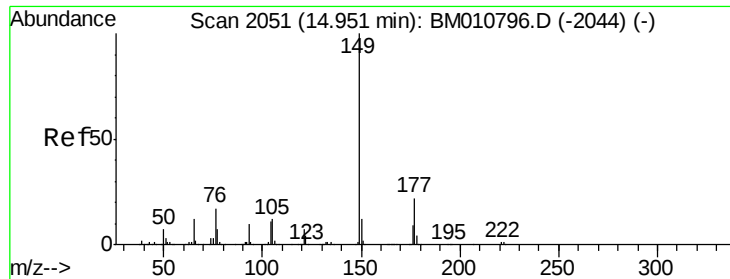
Tgt Ion:166 Resp: 3074200  
 Ion Ratio Lower Upper  
 166 100  
 165 97.7 79.0 118.4  
 167 13.9 10.3 15.5



#58  
**2,3,4,6-Tetrachlorophenol**  
 Concen: 40.02 ng  
 RT: 14.72 min Scan# 2011  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:232 Resp: 938835  
 Ion Ratio Lower Upper  
 232 100  
 131 41.1 0.0 0.0#  
 130 2.6 0.0 0.0#  
 166 28.5 0.0 0.0#

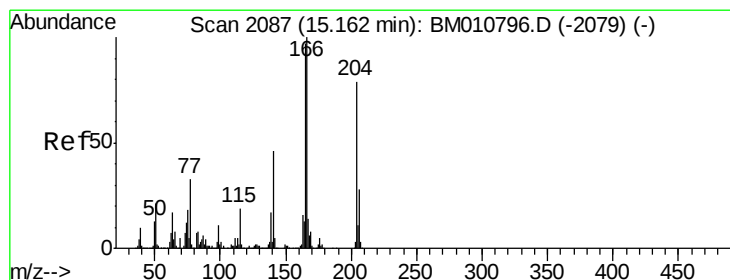
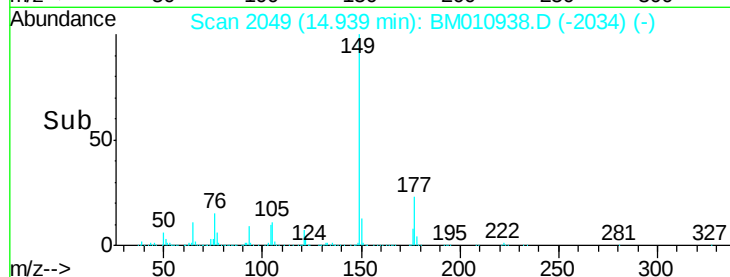
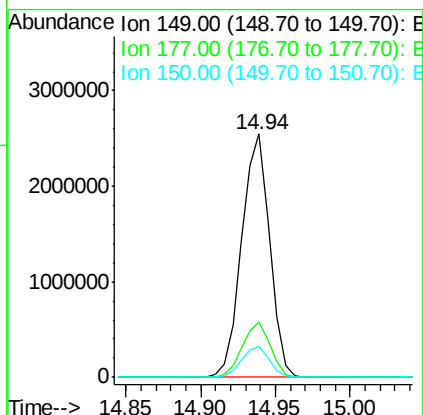
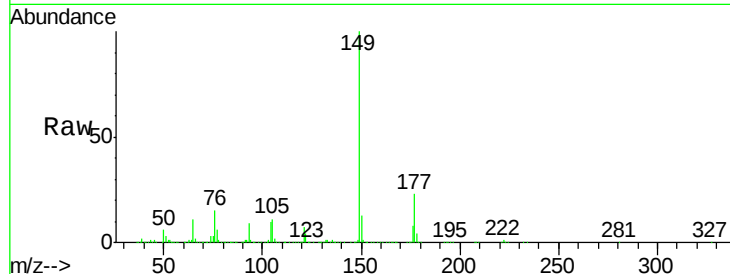




#59  
Diethylphthalate  
Concen: 41.22 ng  
RT: 14.94 min Scan# 2049  
Delta R.T. -0.01 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

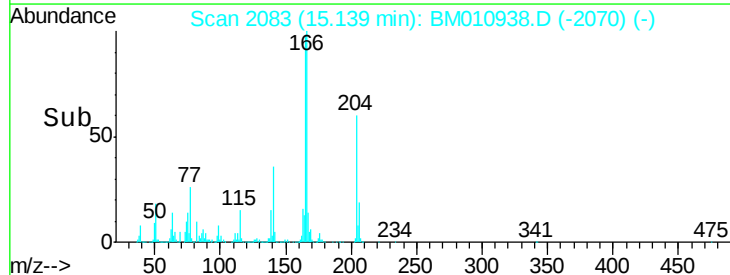
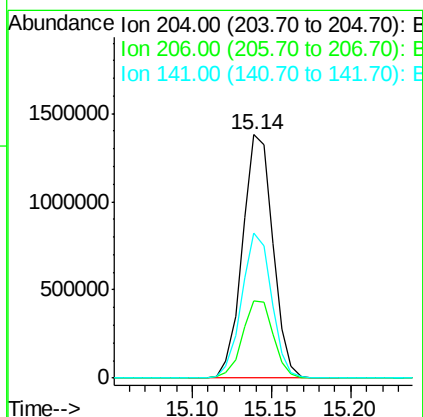
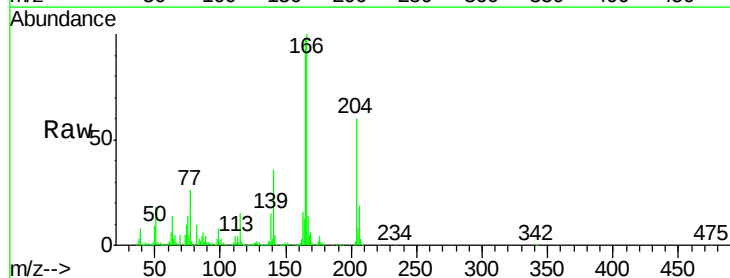
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

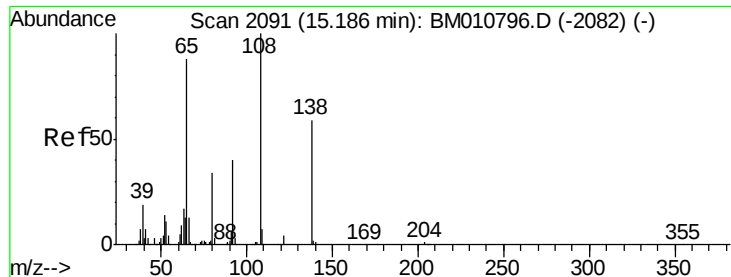
Tgt Ion:149 Resp: 3300316  
Ion Ratio Lower Upper  
149 100  
177 22.9 18.3 27.5  
150 12.6 9.8 14.8



#60  
4-Chlorophenyl-phenylether  
Concen: 38.81 ng  
RT: 15.14 min Scan# 2083  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:204 Resp: 1833623  
Ion Ratio Lower Upper  
204 100  
206 31.8 26.6 39.8  
141 59.4 45.2 67.8

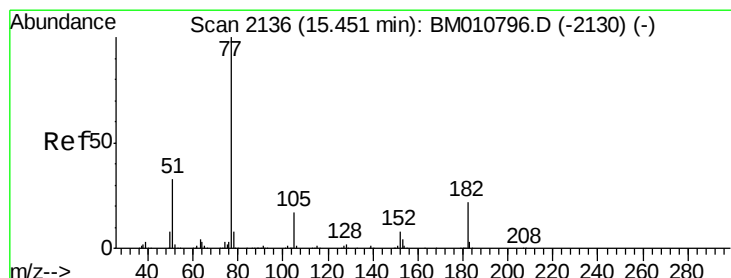
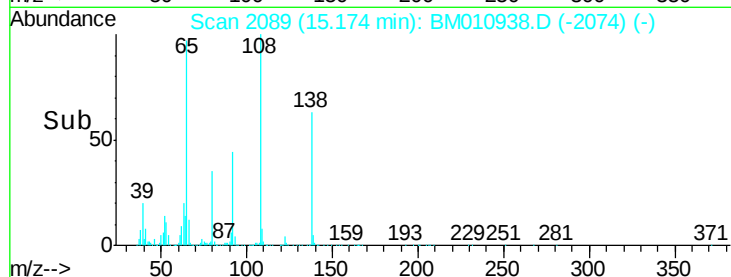
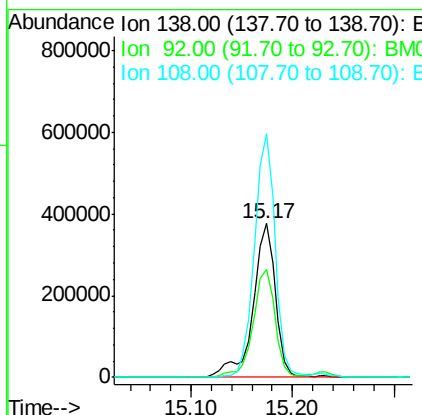
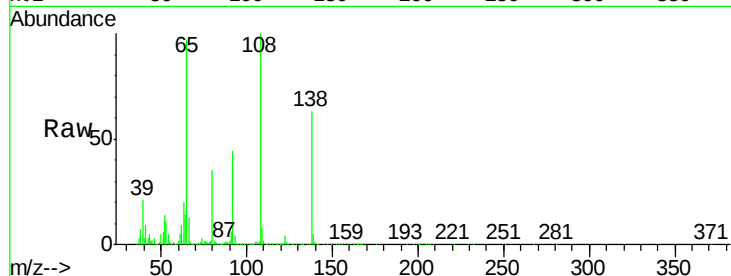




#61  
4-Nitroaniline  
Concen: 38.55 ng  
RT: 15.17 min Scan# 2089  
Delta R.T. -0.01 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

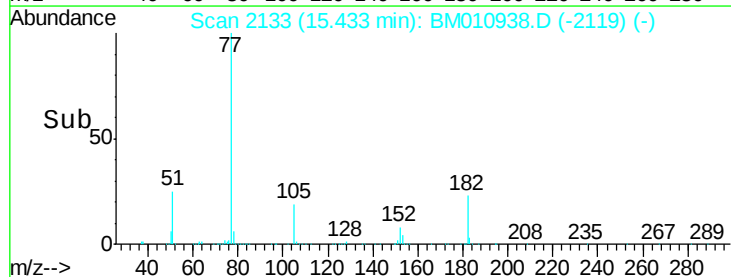
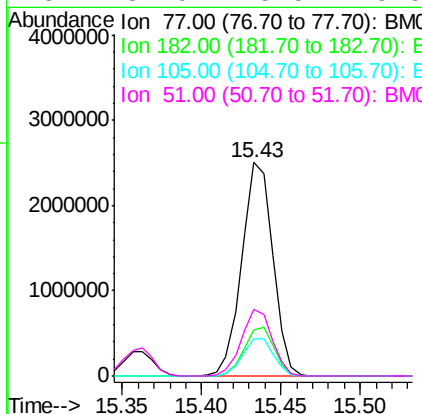
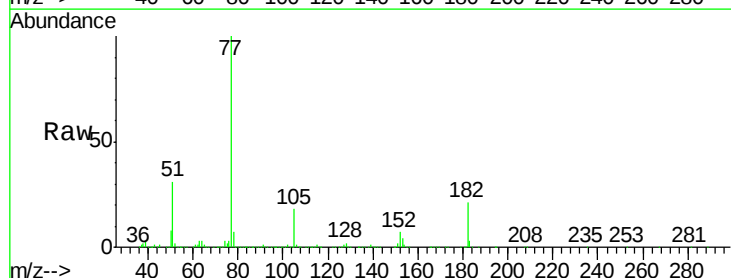
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

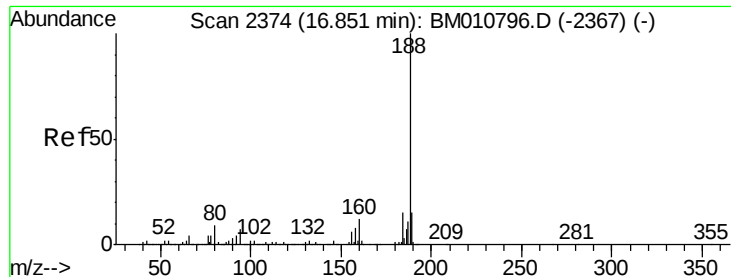
Tgt Ion:138 Resp: 582484  
Ion Ratio Lower Upper  
138 100  
92 70.3 16.7 56.7#  
108 158.4 37.6 77.6#



#62  
Azobenzene  
Concen: 41.83 ng  
RT: 15.43 min Scan# 2133  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion: 77 Resp: 3400774  
Ion Ratio Lower Upper  
77 100  
182 21.5 6.5 46.5  
105 17.6 3.8 43.8  
51 31.0 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.83 min Scan# 2371

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

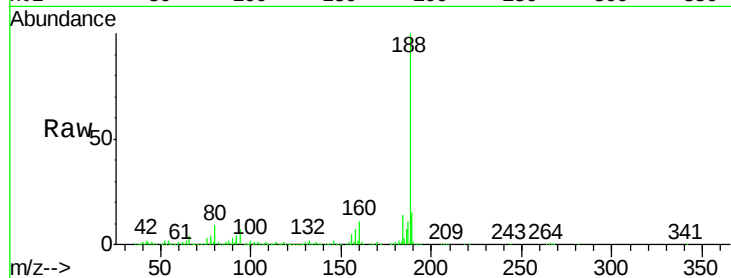
Tgt Ion:188 Resp: 2204386

Ion Ratio Lower Upper

188 100

94 7.1 8.7 13.1#

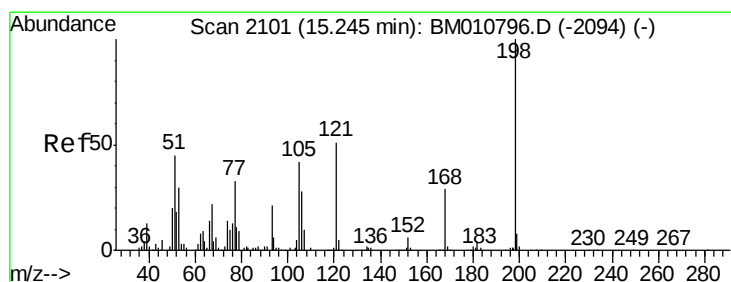
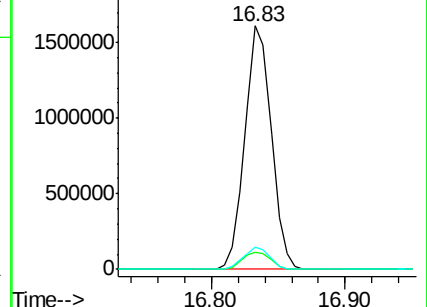
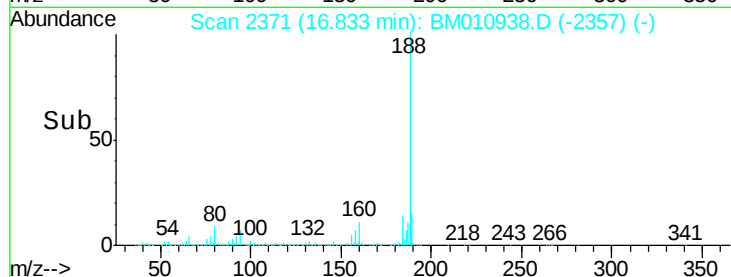
80 8.9 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 43.23 ng

RT: 15.23 min Scan# 2099

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

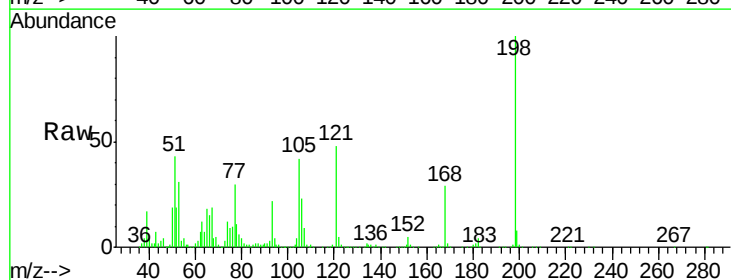
Tgt Ion:198 Resp: 628424

Ion Ratio Lower Upper

198 100

51 42.6 28.8 68.8

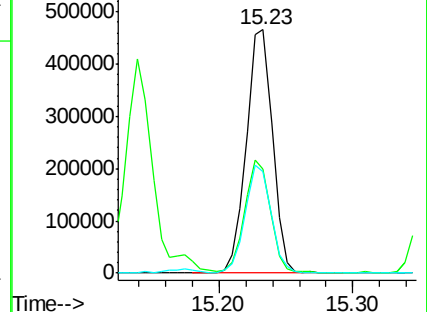
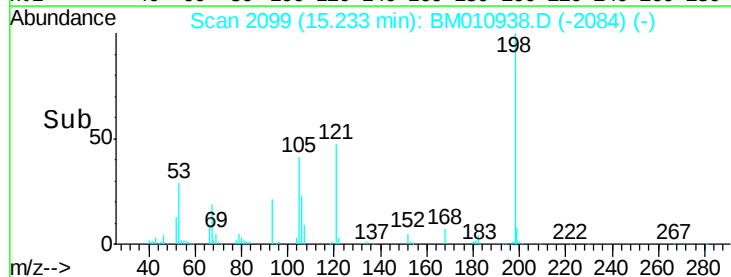
105 41.7 30.5 70.5

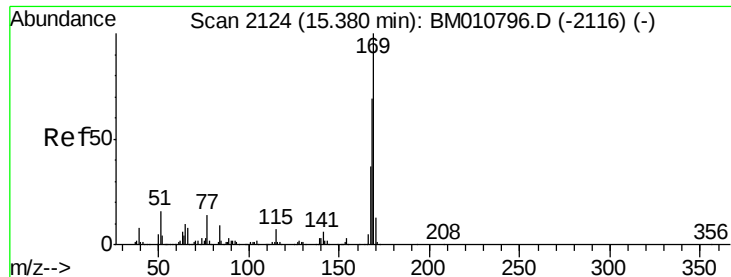


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 42.99 ng

RT: 15.36 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

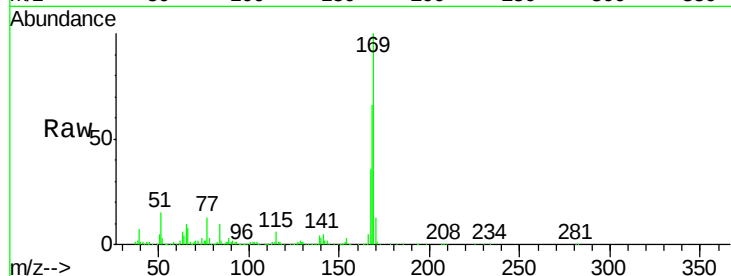
Tgt Ion:169 Resp: 2711442

Ion Ratio Lower Upper

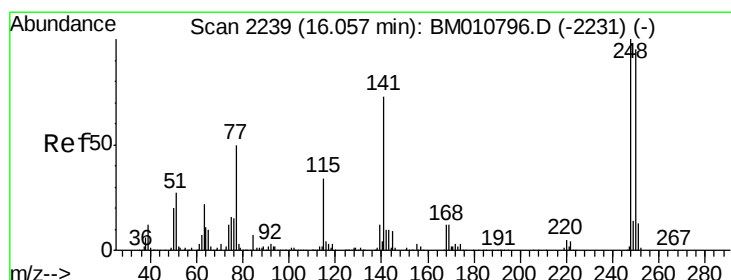
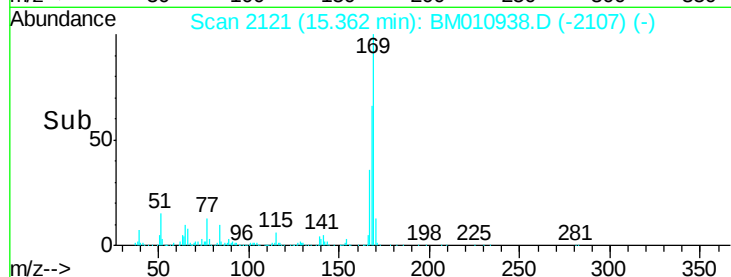
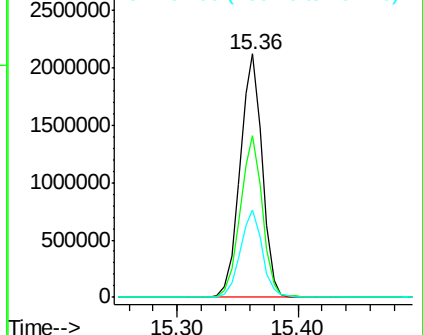
169 100

168 66.2 53.9 80.9

167 36.2 28.9 43.3



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



#66

4-Bromophenyl-phenylether

Concen: 42.52 ng

RT: 16.04 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

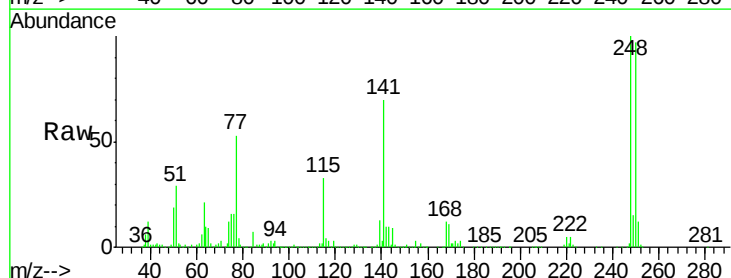
Tgt Ion:248 Resp: 1187744

Ion Ratio Lower Upper

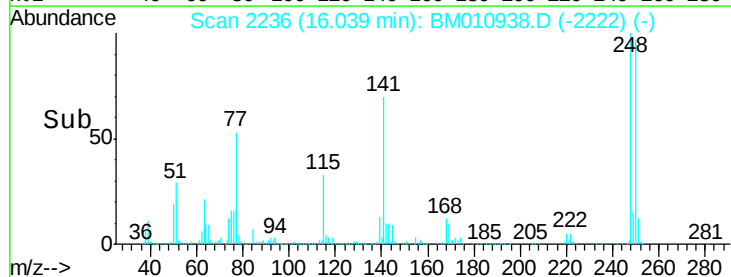
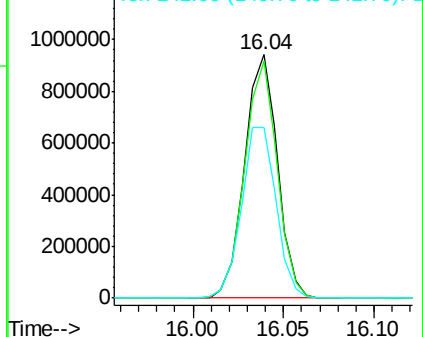
248 100

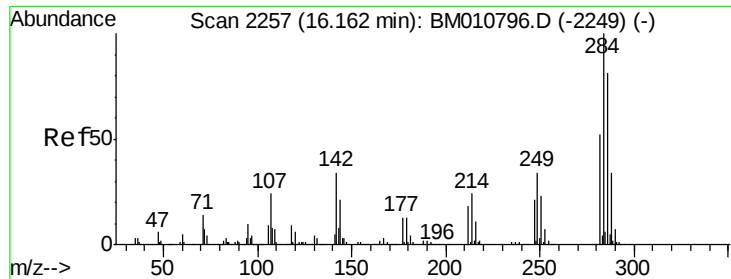
250 97.2 77.4 116.0

141 70.1 45.2 67.8#



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

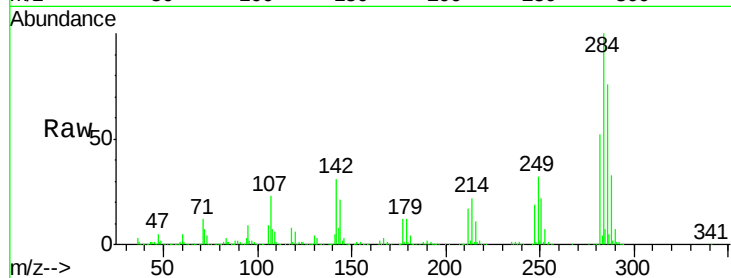




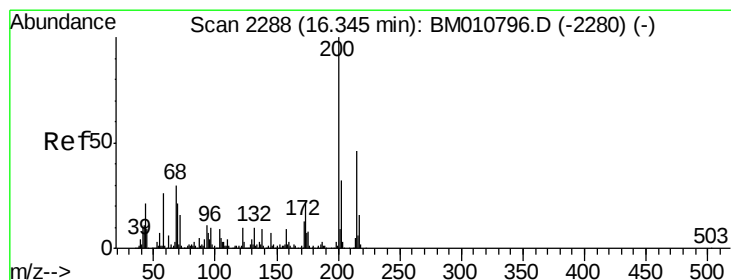
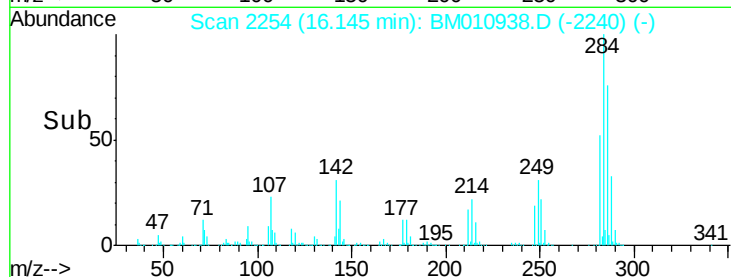
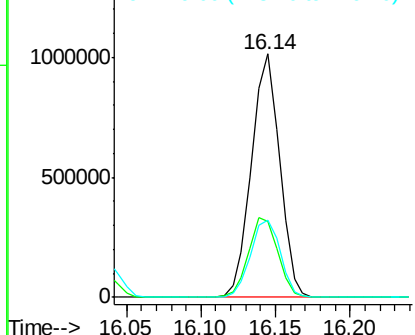
#67  
Hexachlorobenzene  
Concen: 41.31 ng  
RT: 16.14 min Scan# 2254  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

Tgt Ion:284 Resp: 1319682  
Ion Ratio Lower Upper  
284 100  
142 30.9 20.4 30.6#  
249 31.6 23.8 35.6

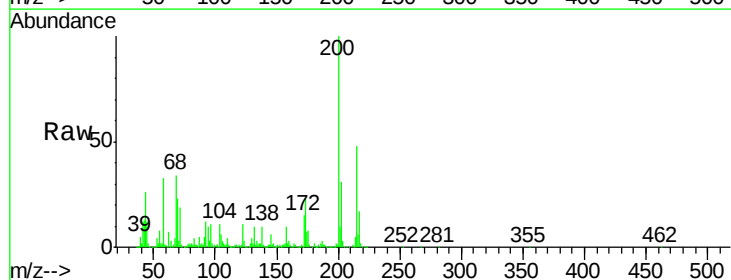


Abundance Ion 283.80 (283.50 to 284.50): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

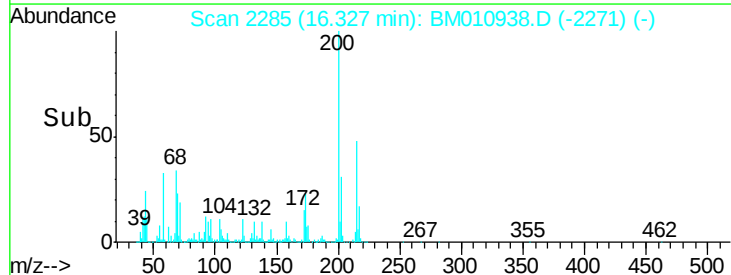
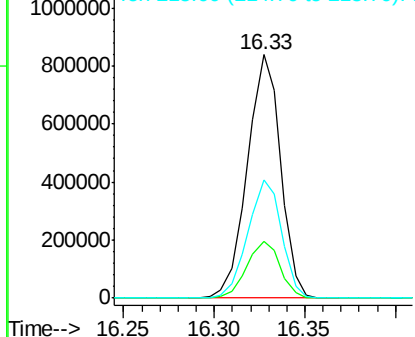


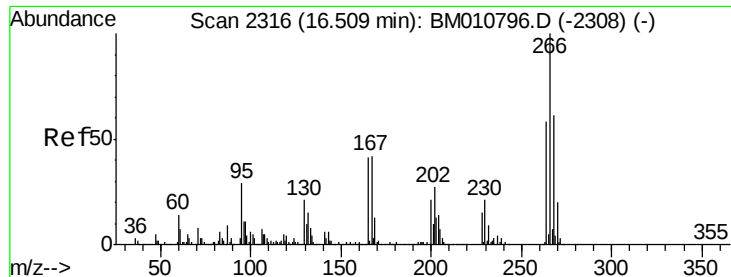
#68  
Atrazine  
Concen: 40.75 ng  
RT: 16.33 min Scan# 2285  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:200 Resp: 1064385  
Ion Ratio Lower Upper  
200 100  
173 23.1 4.8 44.8  
215 48.3 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E  
Ion 173.00 (172.70 to 173.70): E  
Ion 215.00 (214.70 to 215.70): E

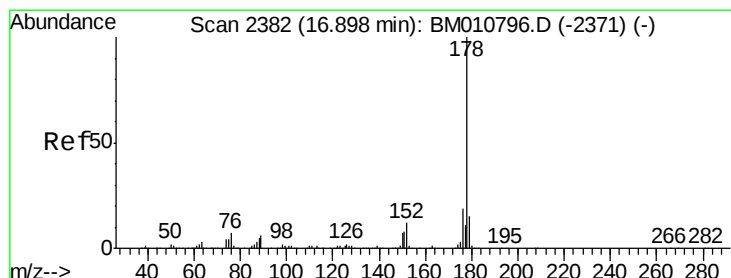
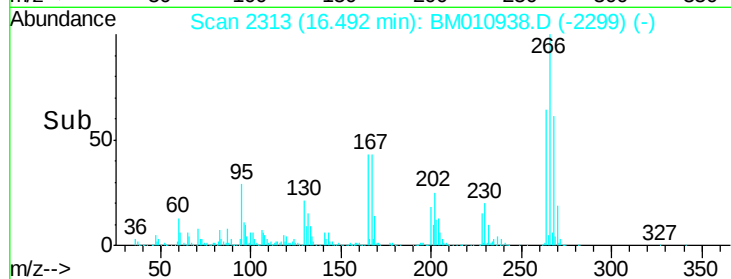
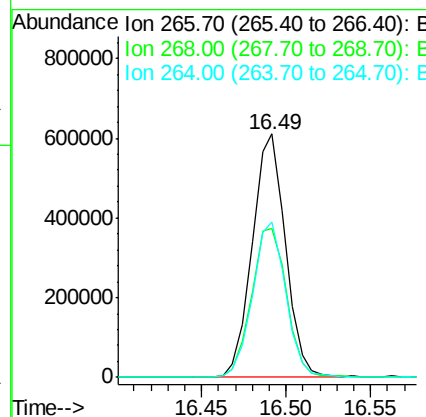
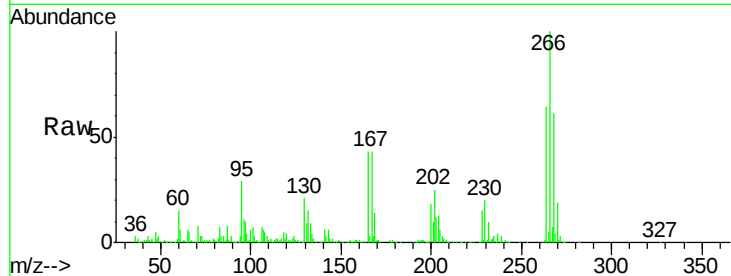




#69  
 Pentachlorophenol  
 Concen: 40.90 ng  
 RT: 16.49 min Scan# 2313  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

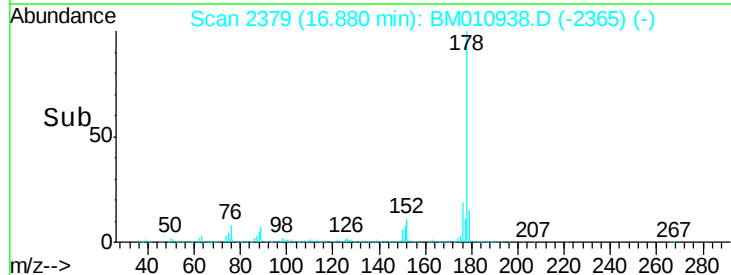
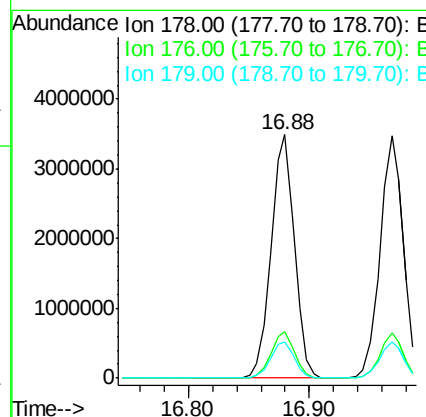
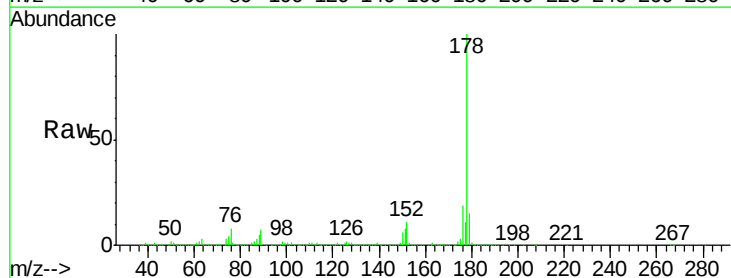
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

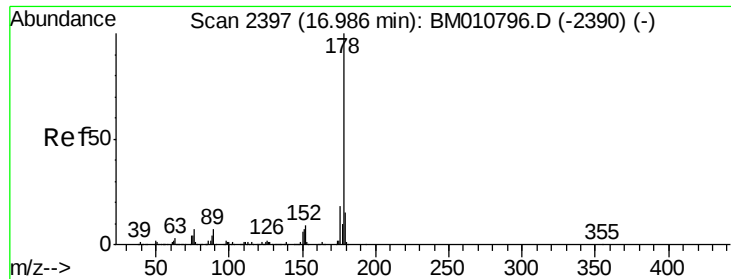
Tgt Ion:266 Resp: 837478  
 Ion Ratio Lower Upper  
 266 100  
 268 61.3 52.0 78.0  
 264 63.9 49.0 73.4



#70  
 Phenanthrene  
 Concen: 40.19 ng  
 RT: 16.88 min Scan# 2379  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:178 Resp: 4609408  
 Ion Ratio Lower Upper  
 178 100  
 176 19.3 15.2 22.8  
 179 14.7 12.1 18.1





#71

Anthracene

Concen: 40.63 ng

RT: 16.97 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

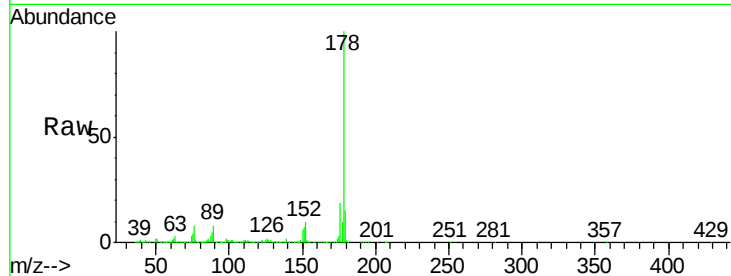
Tgt Ion:178 Resp: 4624797

Ion Ratio Lower Upper

178 100

176 18.5 14.6 22.0

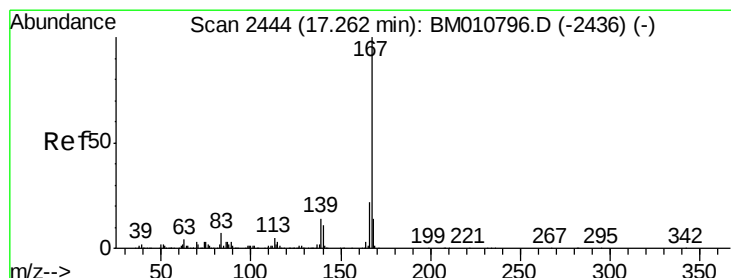
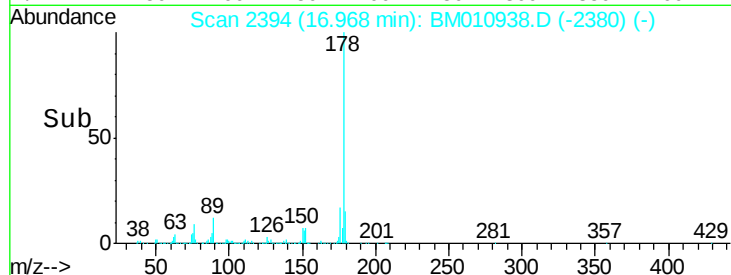
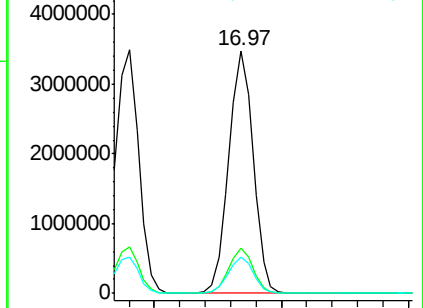
179 15.1 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 37.92 ng

RT: 17.24 min Scan# 2441

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

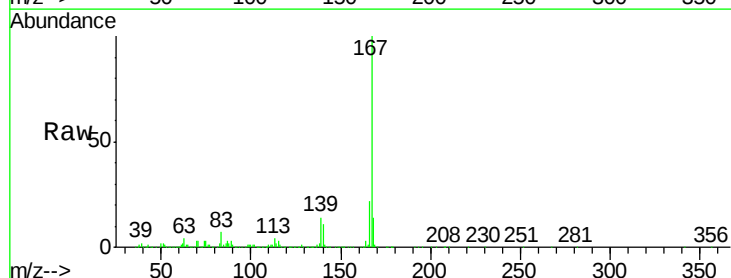
Tgt Ion:167 Resp: 3801900

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

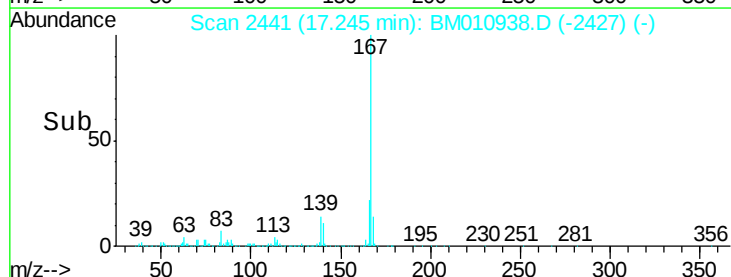
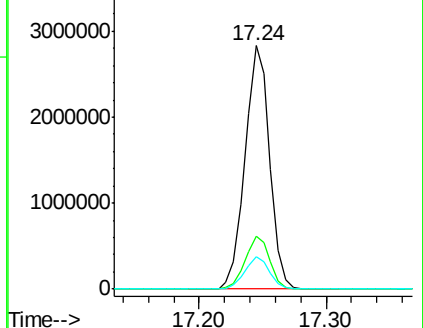
139 13.5 10.8 16.2

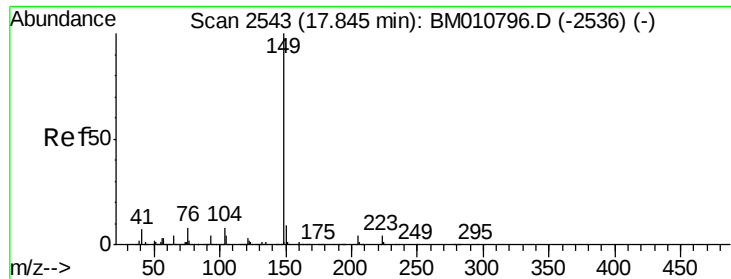


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 17.83 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

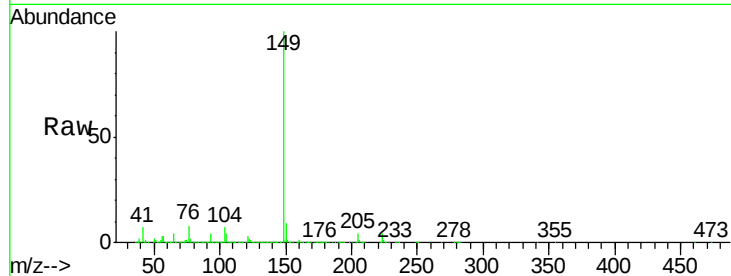
Tgt Ion:149 Resp: 5732747

Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

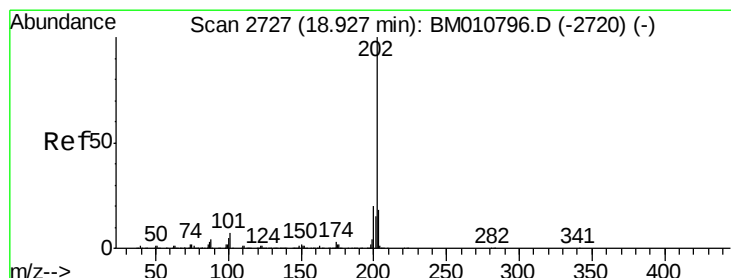
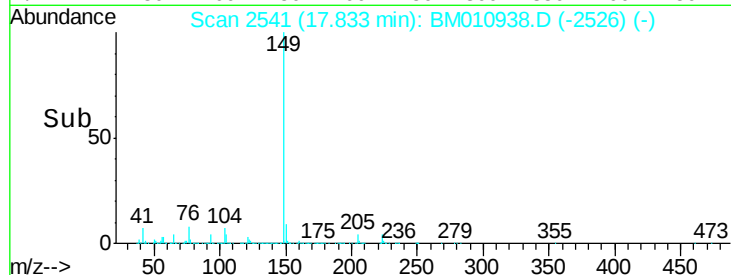
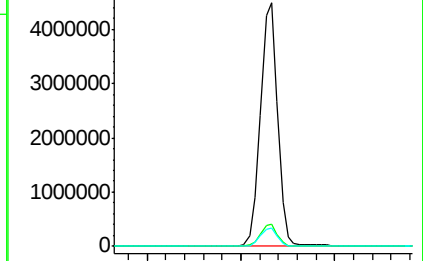
104 7.3 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 35.80 ng

RT: 18.91 min Scan# 2724

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

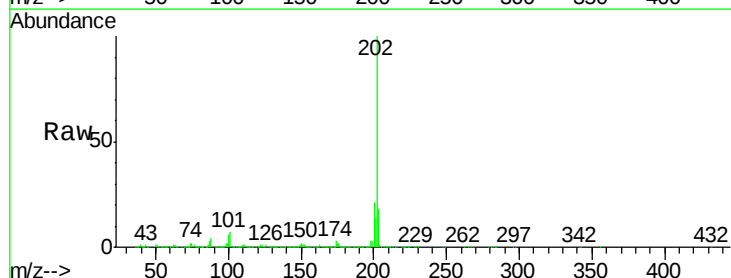
Tgt Ion:202 Resp: 5085089

Ion Ratio Lower Upper

202 100

101 7.2 0.0 28.7

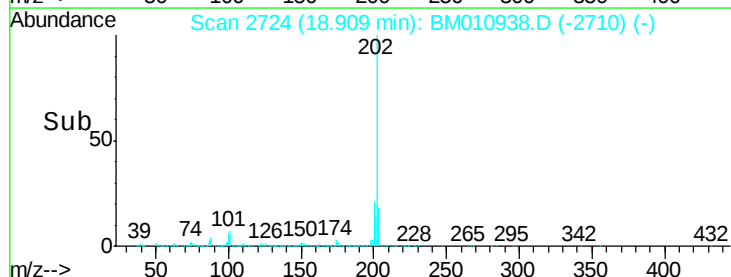
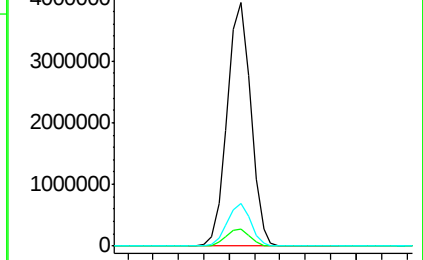
203 17.6 0.0 37.2

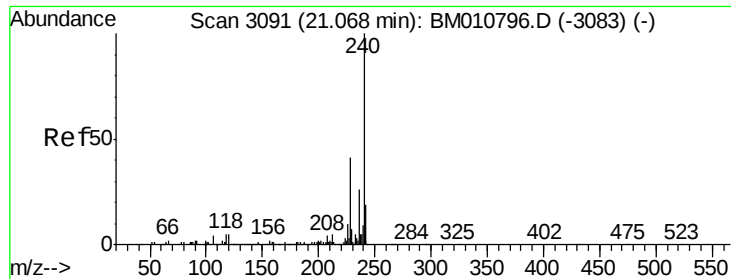


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

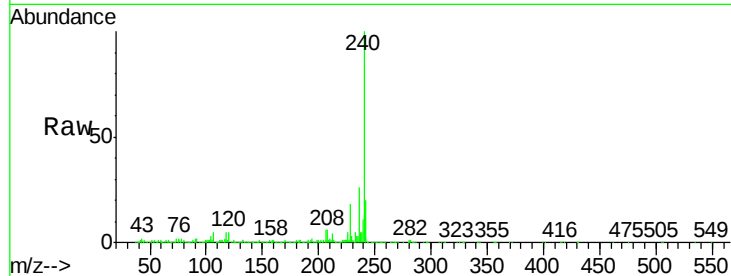
Tgt Ion:240 Resp: 1783133

Ion Ratio Lower Upper

240 100

120 5.1 8.2 12.2#

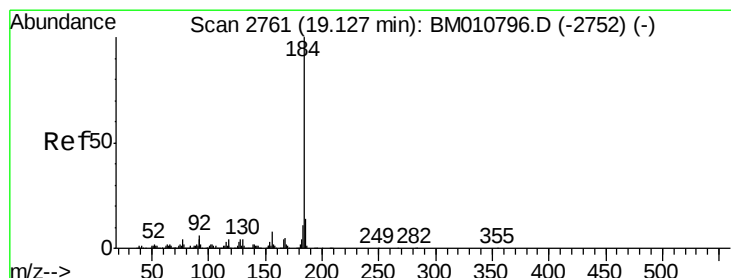
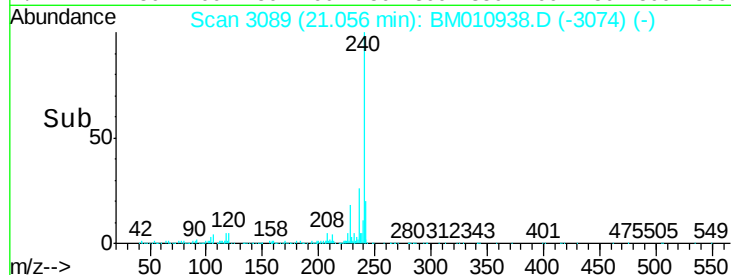
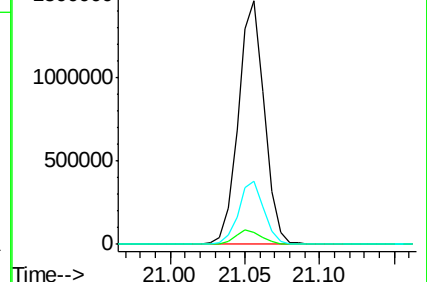
236 26.0 20.0 30.0



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: 29.17 ng

RT: 19.12 min Scan# 2759

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

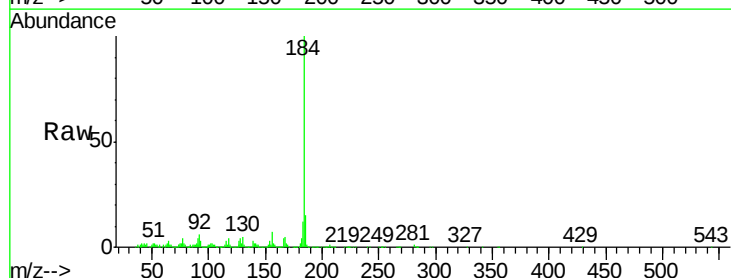
Tgt Ion:184 Resp: 1391884

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

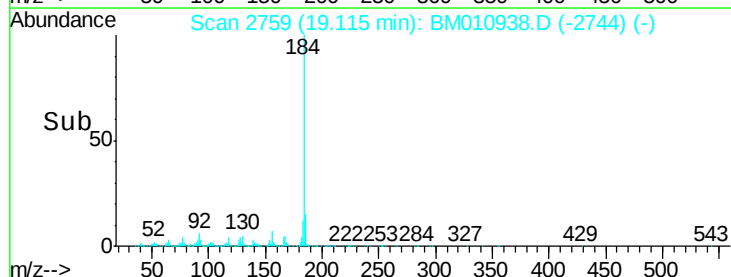
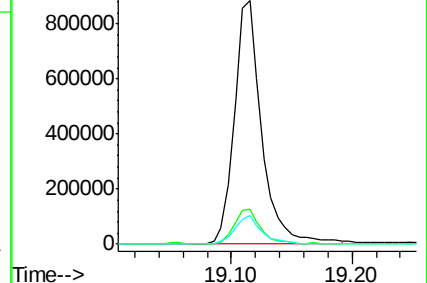
183 11.9 8.9 13.3

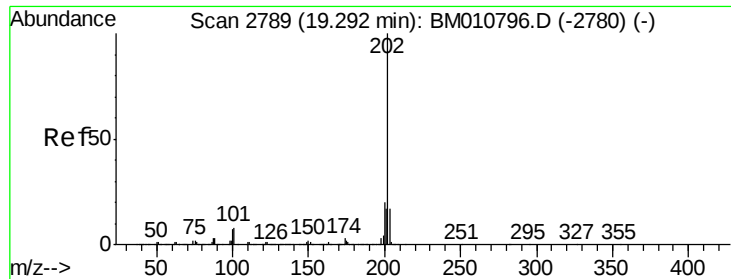


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 48.83 ng

RT: 19.27 min Scan# 2786

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

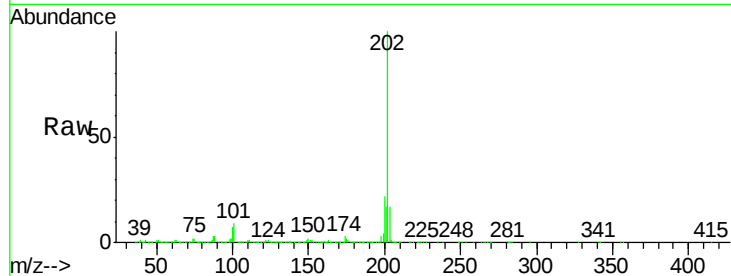
Tgt Ion:202 Resp: 5048093

Ion Ratio Lower Upper

202 100

200 21.5 16.9 25.3

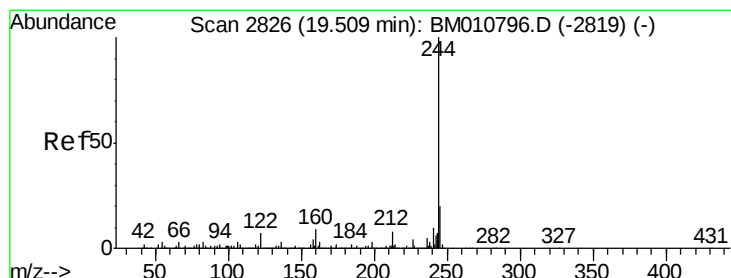
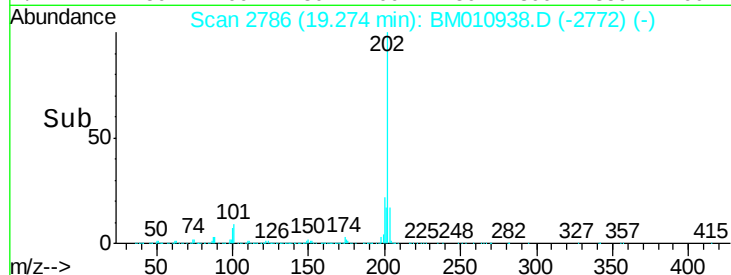
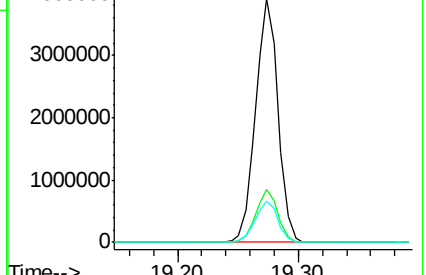
203 17.1 14.1 21.1



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: 96.22 ng

RT: 19.50 min Scan# 2824

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

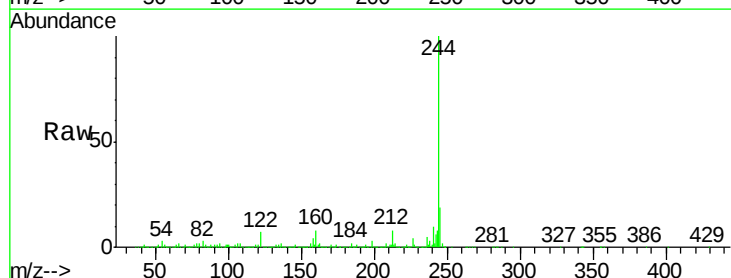
Tgt Ion:244 Resp: 8870810

Ion Ratio Lower Upper

244 100

212 7.8 4.9 7.3#

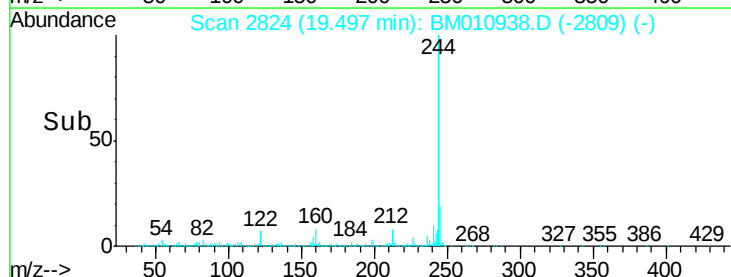
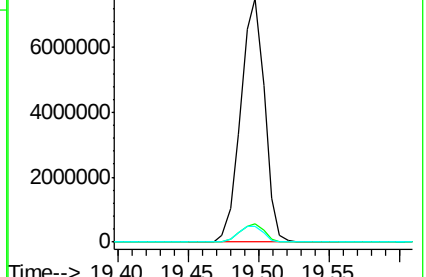
122 6.7 6.2 9.4

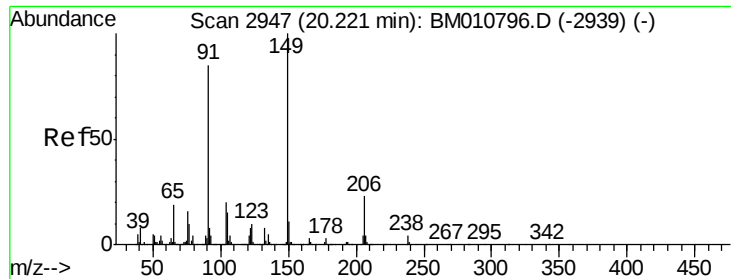


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 50.11 ng

RT: 20.21 min Scan# 2945

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

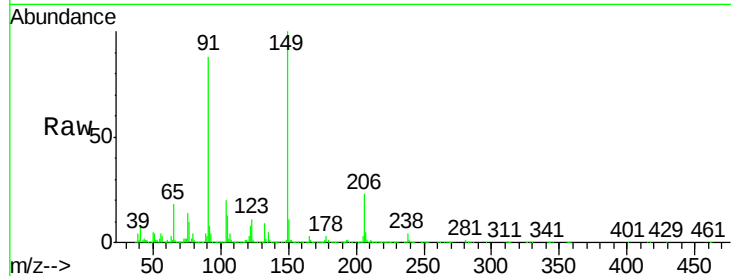
Tgt Ion:149 Resp: 1813421

Ion Ratio Lower Upper

149 100

91 87.6 50.1 75.1#

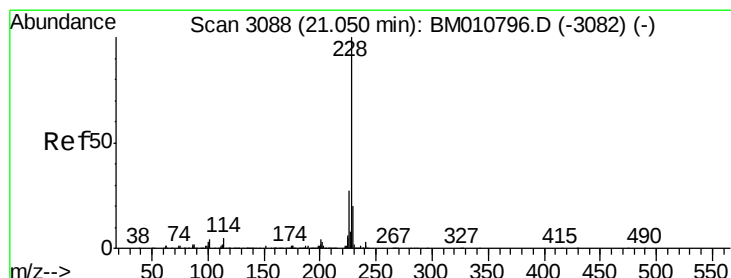
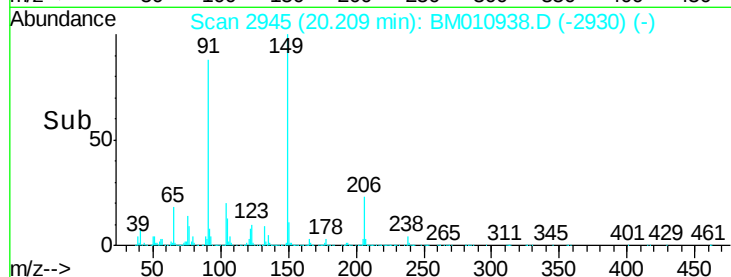
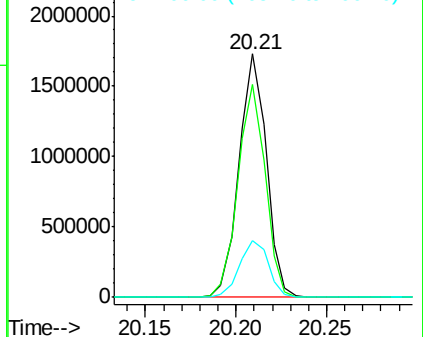
206 23.4 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 40.22 ng

RT: 21.04 min Scan# 3086

Delta R.T. -0.01 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

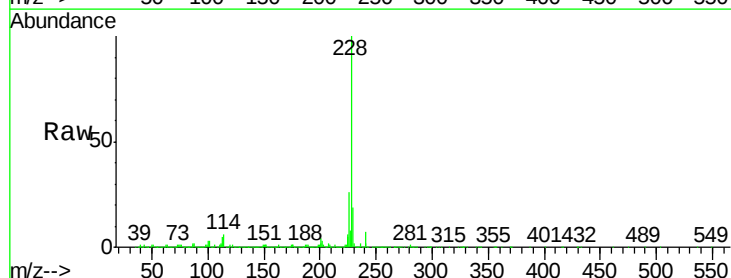
Tgt Ion:228 Resp: 4155983

Ion Ratio Lower Upper

228 100

226 26.2 21.7 32.5

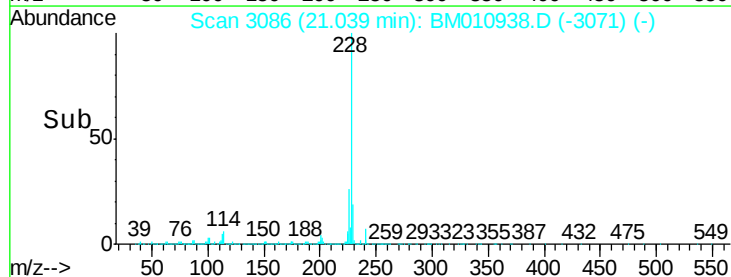
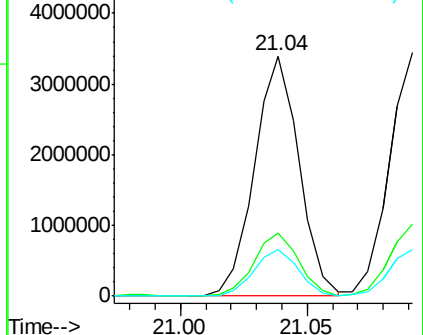
229 19.3 16.0 24.0

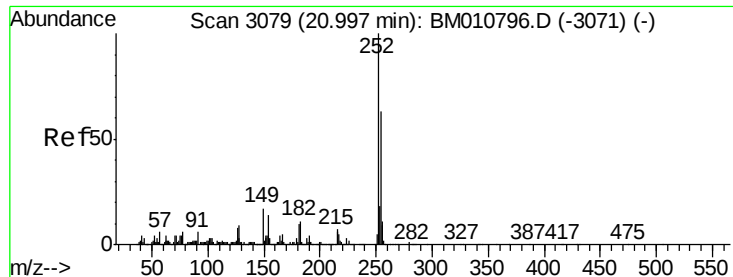


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

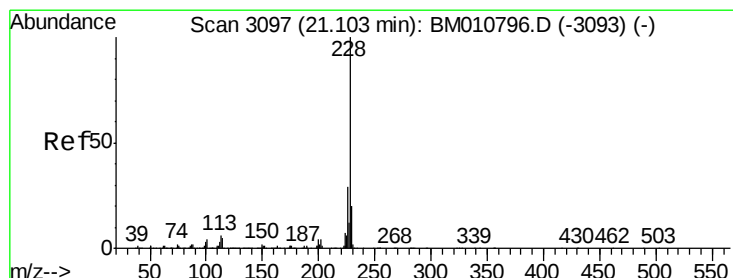
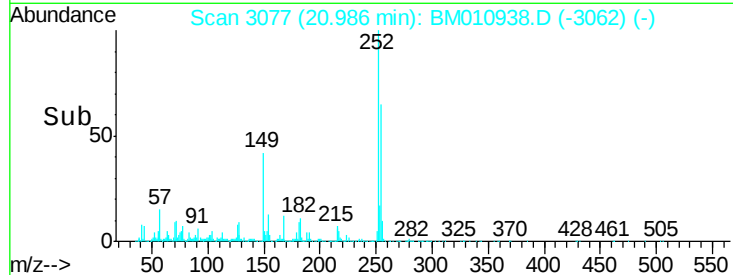
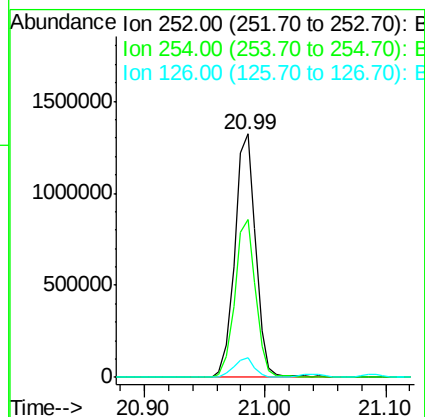
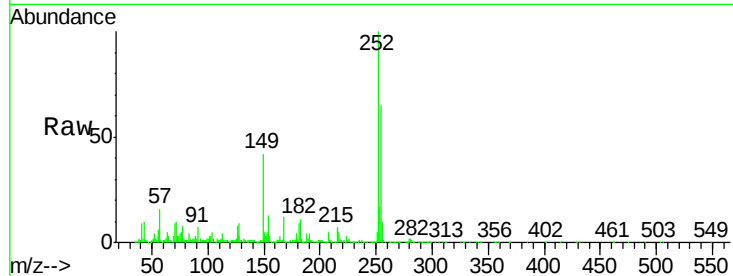




#81  
 3,3'-Dichlorobenzidine  
 Concen: 39.41 ng  
 RT: 20.99 min Scan# 3077  
 Delta R.T. -0.01 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

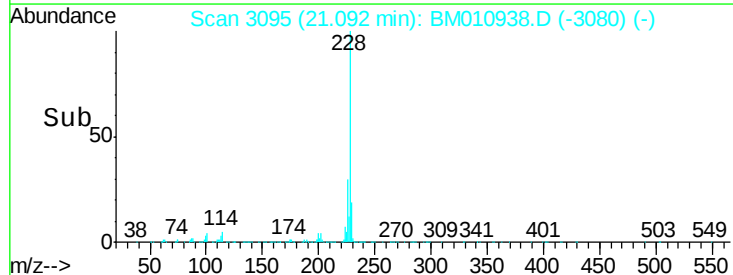
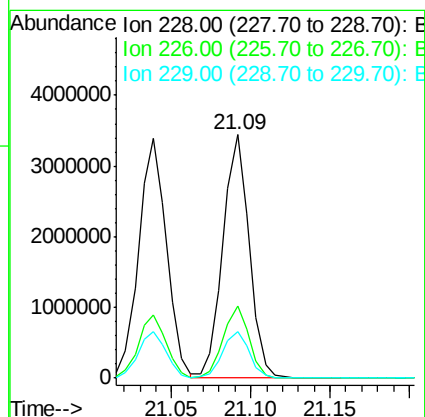
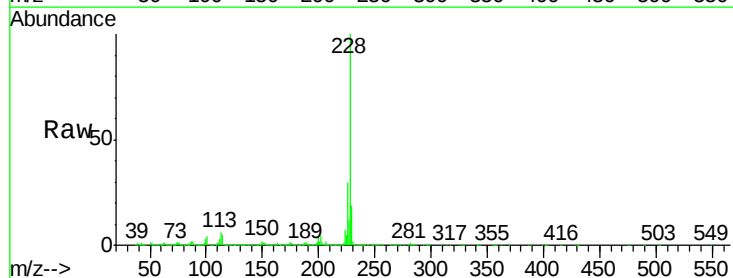
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

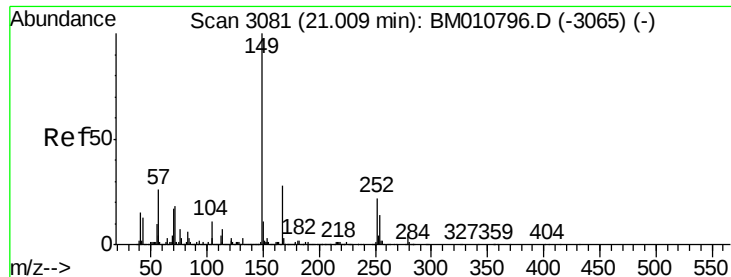
Tgt Ion:252 Resp: 1601150  
 Ion Ratio Lower Upper  
 252 100  
 254 65.1 51.9 77.9  
 126 8.1 9.8 14.8#



#82  
 Chrysene  
 Concen: 39.99 ng  
 RT: 21.09 min Scan# 3095  
 Delta R.T. -0.01 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:228 Resp: 3935300  
 Ion Ratio Lower Upper  
 228 100  
 226 29.9 24.1 36.1  
 229 19.1 15.5 23.3

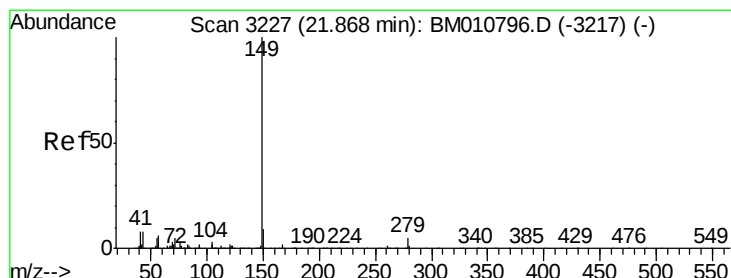
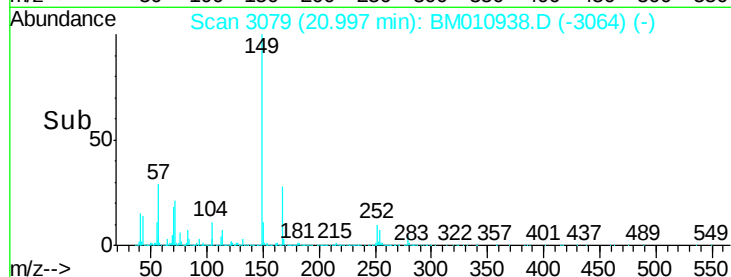
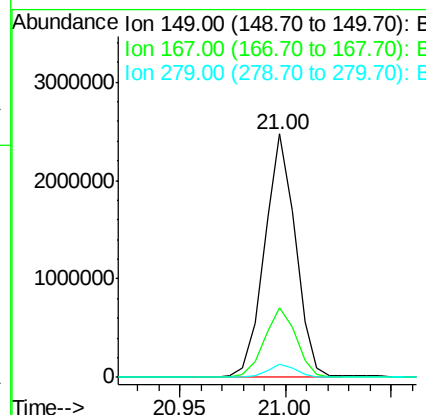
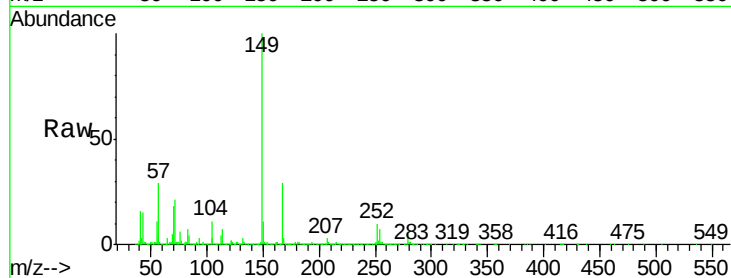




#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 47.78 ng  
 RT: 21.00 min Scan# 3079  
 Delta R.T. -0.01 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

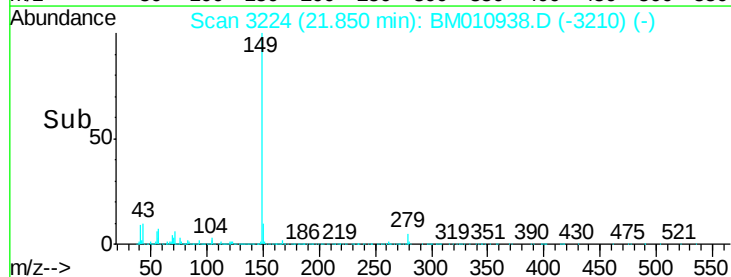
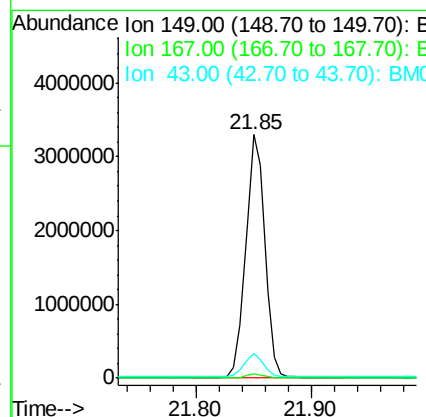
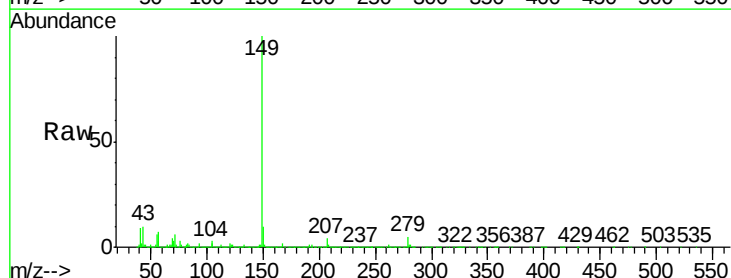
Instrument :  
 BNA\_M  
 ClientSampleId :  
 DFTPP

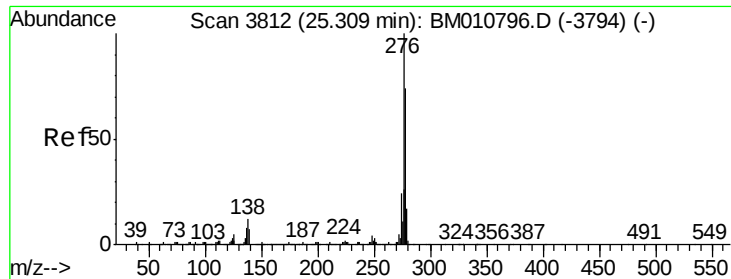
Tgt Ion:149 Resp: 2518063  
 Ion Ratio Lower Upper  
 149 100  
 167 28.5 22.4 33.6  
 279 5.2 3.4 5.0#



#84  
 Di-n-octyl phthalate  
 Concen: 43.76 ng  
 RT: 21.85 min Scan# 3224  
 Delta R.T. -0.02 min  
 Lab File: BM010938.D  
 Acq: 21 Jul 2017 16:34

Tgt Ion:149 Resp: 3778311  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 9.5 7.3 10.9





#85

Indeno(1,2,3-cd)pyrene

Concen: 32.12 ng

RT: 25.28 min Scan# 3807

Delta R.T. -0.03 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

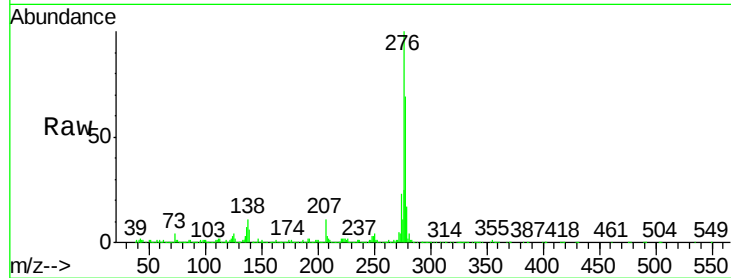
Tgt Ion:276 Resp: 3624725

Ion Ratio Lower Upper

276 100

138 12.3 0.0 0.0#

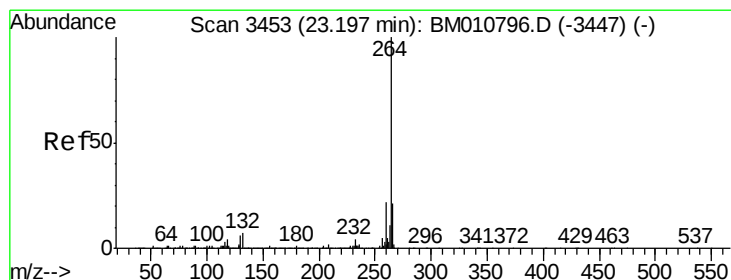
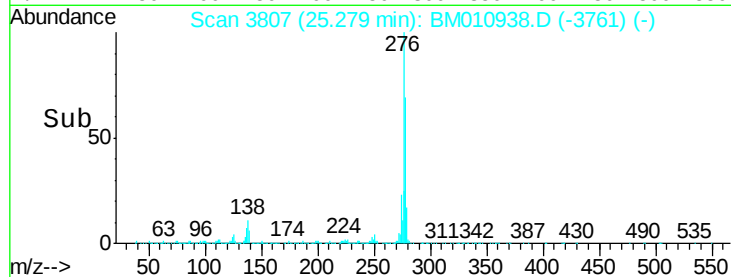
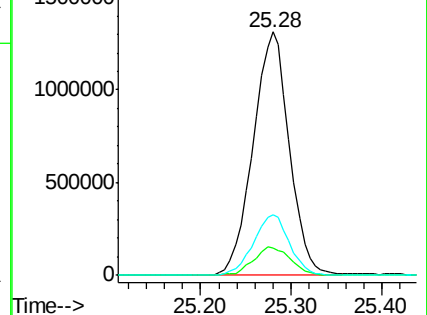
277 25.3 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.18 min Scan# 3450

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

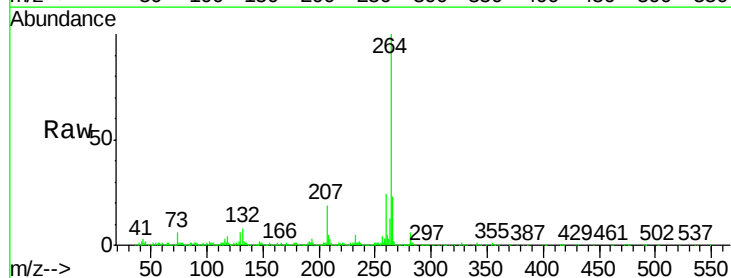
Tgt Ion:264 Resp: 1417181

Ion Ratio Lower Upper

264 100

260 24.2 18.6 27.8

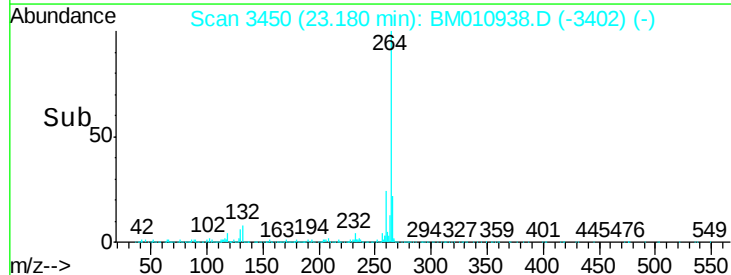
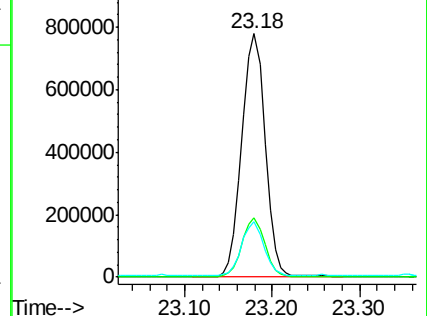
265 22.9 17.3 25.9

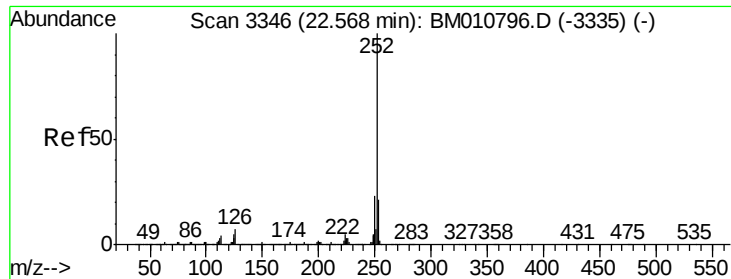


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

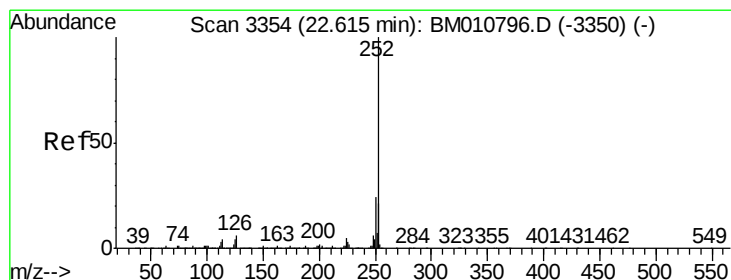
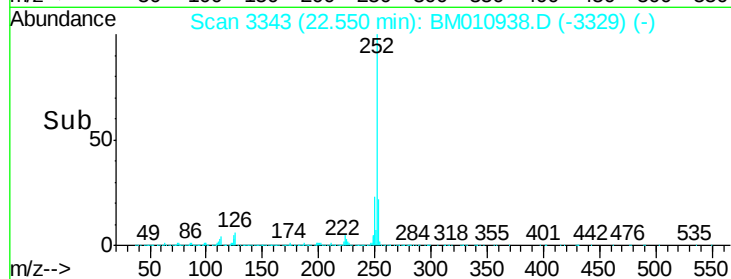
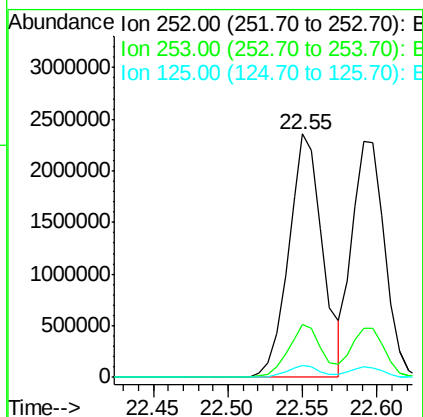
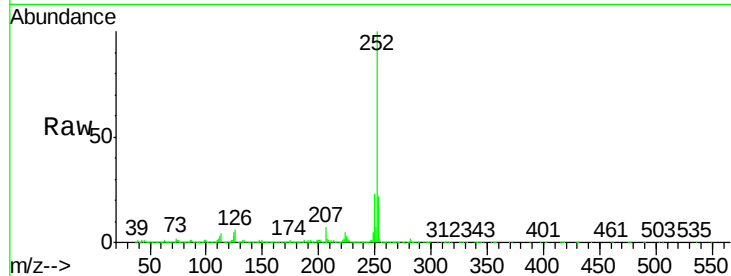




#87  
Benzo(b)fluoranthene  
Concen: 41.33 ng  
RT: 22.55 min Scan# 3343  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

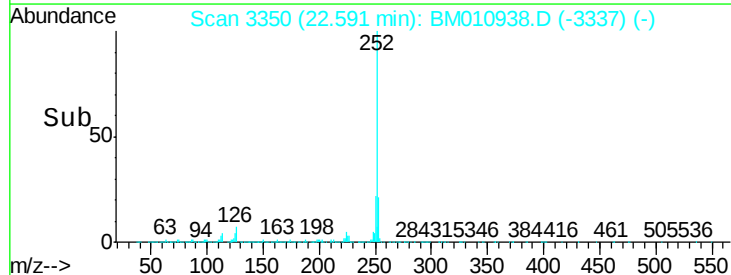
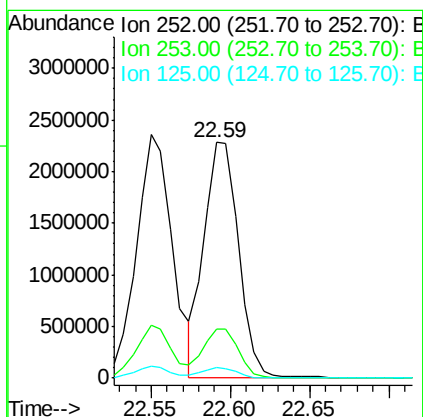
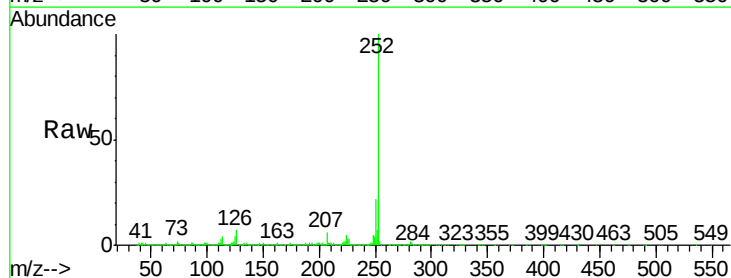
Instrument :  
BNA\_M  
ClientSampleId :  
DFTPP

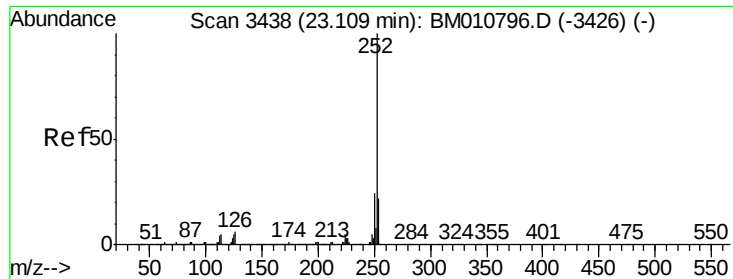
Tgt Ion:252 Resp: 3720913  
Ion Ratio Lower Upper  
252 100  
253 21.8 18.0 27.0  
125 4.7 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 40.04 ng  
RT: 22.59 min Scan# 3350  
Delta R.T. -0.02 min  
Lab File: BM010938.D  
Acq: 21 Jul 2017 16:34

Tgt Ion:252 Resp: 3443136  
Ion Ratio Lower Upper  
252 100  
253 20.9 17.2 25.8  
125 4.5 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 40.41 ng

RT: 23.09 min Scan# 3435

Delta R.T. -0.02 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

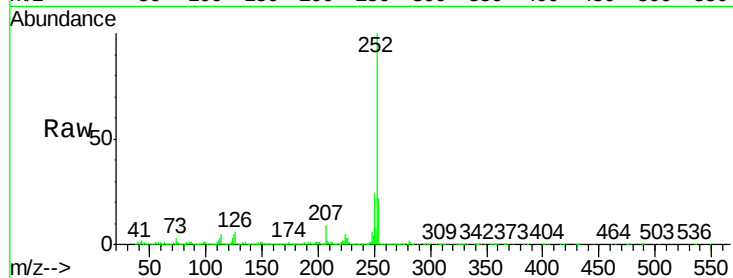
Tgt Ion:252 Resp: 3310822

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

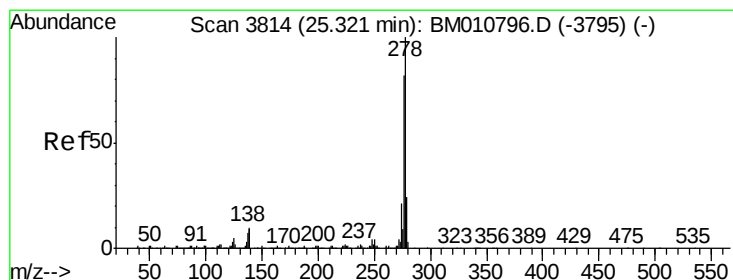
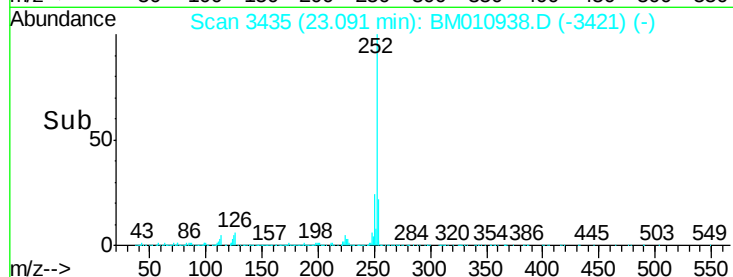
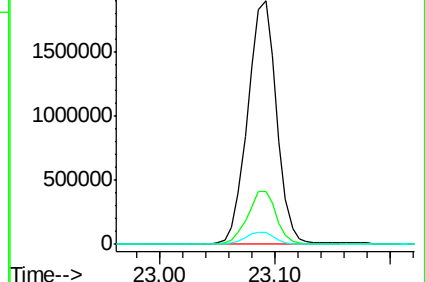
125 4.9 7.4 11.2#



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: 36.73 ng

RT: 25.29 min Scan# 3809

Delta R.T. -0.03 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

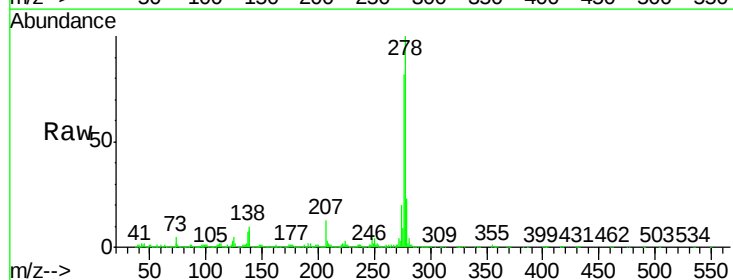
Tgt Ion:278 Resp: 2921316

Ion Ratio Lower Upper

278 100

139 7.8 13.4 20.0#

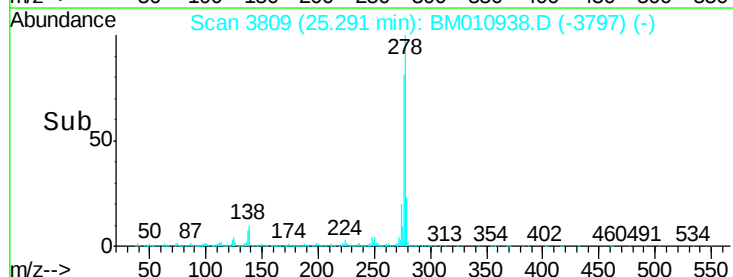
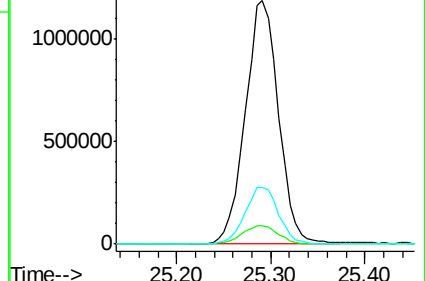
279 23.5 19.0 28.4

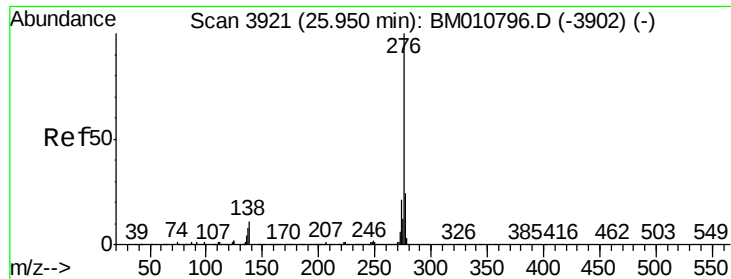


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 38.60 ng

RT: 25.91 min Scan# 3915

Delta R.T. -0.04 min

Lab File: BM010938.D

Acq: 21 Jul 2017 16:34

Instrument :

BNA\_M

ClientSampleId :

DFTPP

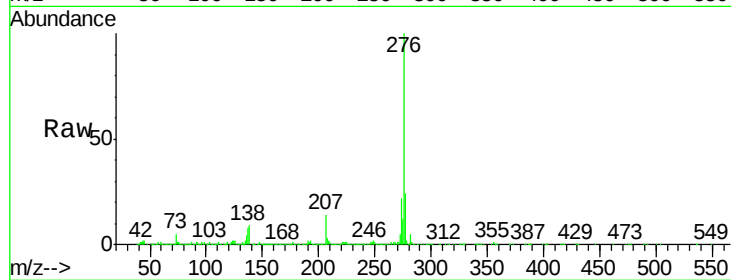
Tgt Ion:276 Resp: 3017382

Ion Ratio Lower Upper

276 100

277 23.8 18.5 27.7

138 9.3 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

