

Data File : BM010908.D  
Acq On : 20 Jul 2017 14:47  
Operator : SJ/JU  
Sample : IDOC-W-2  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

Quant Time: Jul 21 03:16:13 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 | 7.44  | 152  | 310715   | 20.00 | ng    | -0.01    |
| 21) Naphthalene-d8        | 10.20 | 136  | 1208799  | 20.00 | ng    | -0.01    |
| 38) Acenaphthene-d10      | 14.09 | 164  | 746264   | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 16.84 | 188  | 1652178  | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.06 | 240  | 1445038  | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 23.19 | 264  | 1141087  | 20.00 | ng    | -0.01    |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.08  | 112 | 2495093 | 133.02 | ng | 0.00 |
| 7) Phenol-d6                | 6.65  | 99  | 3275974 | 126.69 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 8.59  | 82  | 2467432 | 78.46  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 15.59 | 330 | 1379685 | 120.98 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 12.70 | 172 | 5052529 | 84.23  | ng | 0.00 |
| 78) Terphenyl-d14           | 19.50 | 244 | 6088069 | 81.49  | ng | 0.00 |

|                                |       |     |         |        |    |        |
|--------------------------------|-------|-----|---------|--------|----|--------|
| Target Compounds               |       |     |         |        |    | Qvalue |
| 2) 1,4-Dioxane                 | 3.10  | 88  | 251576  | 30.40  | ng | # 100  |
| 3) Pyridine                    | 3.46  | 79  | 751761  | 33.23  | ng | # 87   |
| 4) n-Nitrosodimethylamine      | 3.38  | 42  | 441152  | 38.15  | ng | # 70   |
| 6) Aniline                     | 6.79  | 93  | 1090046 | 33.65  | ng | 95     |
| 8) 2-Chlorophenol              | 7.02  | 128 | 756324  | 40.72  | ng | 91     |
| 9) Benzaldehyde                | 6.60  | 77  | 443137  | 24.68  | ng | 85     |
| 10) Phenol                     | 6.67  | 94  | 1112317 | 40.68  | ng | 95     |
| 11) bis(2-Chloroethyl)ether    | 6.89  | 93  | 827417  | 39.29  | ng | 95     |
| 12) 1,3-Dichlorobenzene        | 7.33  | 146 | 868146  | 37.83  | ng | # 86   |
| 13) 1,4-Dichlorobenzene        | 7.47  | 146 | 878540  | 37.09  | ng | # 91   |
| 14) 1,2-Dichlorobenzene        | 7.79  | 146 | 838762  | 37.16  | ng | # 90   |
| 15) Benzyl Alcohol             | 7.69  | 79  | 981749  | 40.09  | ng | # 84   |
| 16) 2,2'-oxybis(1-Chloropropan | 7.97  | 45  | 731055  | 40.05  | ng | 75     |
| 17) 2-Methylphenol             | 7.89  | 107 | 724007  | 40.95  | ng | # 80   |
| 18) Hexachloroethane           | 8.50  | 117 | 377129  | 37.96  | ng | # 79   |
| 19) n-Nitroso-di-n-propylamine | 8.25  | 70  | 766262  | 37.41  | ng | # 93   |
| 20) 3+4-Methylphenols          | 8.22  | 107 | 978865  | 39.85  | ng | 85     |
| 22) Acetophenone               | 8.26  | 105 | 1366578 | 37.55  | ng | # 95   |
| 24) Nitrobenzene               | 8.63  | 77  | 1228706 | 38.12  | ng | # 89   |
| 25) Isophorone                 | 9.15  | 82  | 2006594 | 38.95  | ng | # 87   |
| 26) 2-Nitrophenol              | 9.33  | 139 | 421045  | 39.26  | ng | # 32   |
| 27) 2,4-Dimethylphenol         | 9.40  | 122 | 725250  | 37.89  | ng | # 66   |
| 28) bis(2-Chloroethoxy)methane | 9.64  | 93  | 1144083 | 39.61  | ng | 97     |
| 29) 2,4-Dichlorophenol         | 9.86  | 162 | 833577  | 38.55  | ng | 95     |
| 30) 1,2,4-Trichlorobenzene     | 10.07 | 180 | 994305  | 37.62  | ng | 98     |
| 31) Naphthalene                | 10.25 | 128 | 2393926 | 38.95  | ng | 99     |
| 32) Benzoic acid               | 9.55  | 122 | 533032  | 35.49  | ng | # 66   |
| 33) 4-Chloroaniline            | 10.37 | 127 | 316278  | 12.77  | ng | # 79   |
| 34) Hexachlorobutadiene        | 10.54 | 225 | 760995  | 37.10  | ng | 95     |
| 35) Caprolactam                | 11.16 | 113 | 214506  | 37.26  | ng | # 83   |
| 36) 4-Chloro-3-methylphenol    | 11.50 | 107 | 966921  | 36.97  | ng | # 76   |
| 37) 2-Methylnaphthalene        | 11.87 | 142 | 1784385 | 40.42  | ng | # 87   |
| 39) 1,2,4,5-Tetrachlorobenzene | 12.26 | 216 | 1244648 | 38.26  | ng | # 100  |
| 40) Hexachlorocyclopentadiene  | 12.23 | 237 | 1980417 | 106.20 | ng | 98     |

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Wed Jul 12 14:21:16 2017  
Response via : Initial Calibration

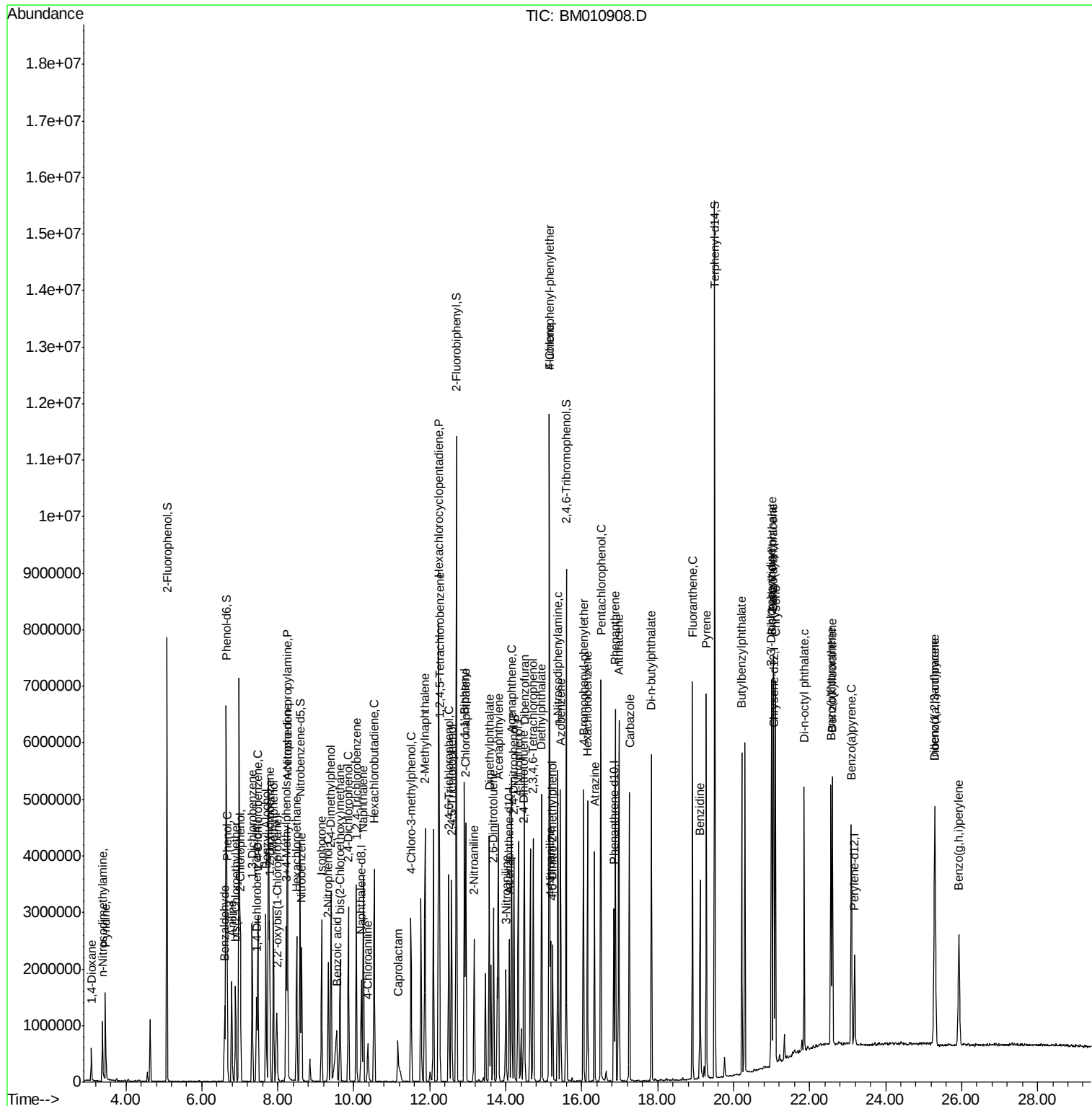
| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 42) 2,4,6-Trichlorophenol      | 12.50 | 196  | 759791   | 37.93 | ng    | 96       |
| 43) 2,4,5-Trichlorophenol      | 12.57 | 196  | 797749   | 40.34 | ng #  | 88       |
| 45) 1,1'-Biphenyl              | 12.92 | 154  | 2394004  | 36.82 | ng    | 98       |
| 46) 2-Chloronaphthalene        | 12.95 | 162  | 1942553  | 40.75 | ng    | 93       |
| 47) 2-Nitroaniline             | 13.17 | 65   | 664638   | 42.41 | ng #  | 73       |
| 48) Acenaphthylene             | 13.81 | 152  | 2824749  | 39.84 | ng    | 99       |
| 49) Dimethylphthalate          | 13.57 | 163  | 2369837  | 37.33 | ng #  | 99       |
| 50) 2,6-Dinitrotoluene         | 13.68 | 165  | 502713   | 40.37 | ng #  | 63       |
| 51) Acenaphthene               | 14.16 | 154  | 1688479  | 38.97 | ng    | 97       |
| 52) 3-Nitroaniline             | 14.01 | 138  | 338668   | 29.92 | ng #  | 39       |
| 53) 2,4-Dinitrophenol          | 14.22 | 184  | 659252   | 76.58 | ng    | 93       |
| 54) Dibenzofuran               | 14.50 | 168  | 2944274  | 42.01 | ng #  | 91       |
| 55) 4-Nitrophenol              | 14.33 | 139  | 687632   | 69.94 | ng #  | 1        |
| 56) 2,4-Dinitrotoluene         | 14.47 | 165  | 678453   | 39.26 | ng    | 94       |
| 57) Fluorene                   | 15.15 | 166  | 2325939  | 38.61 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 14.73 | 232  | 790221   | 43.01 | ng #  | 100      |
| 59) Diethylphthalate           | 14.94 | 149  | 2349789  | 37.48 | ng    | 100      |
| 60) 4-Chlorophenyl-phenylether | 15.15 | 204  | 1408723  | 38.07 | ng    | 98       |
| 61) 4-Nitroaniline             | 15.18 | 138  | 419077   | 35.42 | ng #  | 1        |
| 62) Azobenzene                 | 15.44 | 77   | 2783285  | 43.72 | ng    | 88       |
| 64) 4,6-Dinitro-2-methylphenol | 15.24 | 198  | 425951   | 39.10 | ng    | 93       |
| 65) n-Nitrosodiphenylamine     | 15.37 | 169  | 1956171  | 41.38 | ng    | 98       |
| 66) 4-Bromophenyl-phenylether  | 16.05 | 248  | 921680   | 44.02 | ng #  | 93       |
| 67) Hexachlorobenzene          | 16.16 | 284  | 935526   | 39.07 | ng #  | 92       |
| 68) Atrazine                   | 16.34 | 200  | 773460   | 39.51 | ng    | 98       |
| 69) Pentachlorophenol          | 16.50 | 266  | 1144644  | 74.58 | ng    | 99       |
| 70) Phenanthrene               | 16.89 | 178  | 3575108  | 41.59 | ng    | 99       |
| 71) Anthracene                 | 16.98 | 178  | 3568850  | 41.83 | ng    | 98       |
| 72) Carbazole                  | 17.26 | 167  | 2838945  | 37.78 | ng    | 99       |
| 73) Di-n-butylphthalate        | 17.84 | 149  | 3479803  | 39.14 | ng #  | 96       |
| 74) Fluoranthene               | 18.92 | 202  | 4017264  | 37.74 | ng    | 99       |
| 76) Benzidine                  | 19.12 | 184  | 1862179  | 48.16 | ng    | 99       |
| 77) Pyrene                     | 19.28 | 202  | 4020059  | 47.99 | ng    | 99       |
| 79) Butylbenzylphthalate       | 20.22 | 149  | 1306261  | 44.54 | ng #  | 71       |
| 80) Benzo(a)anthracene         | 21.04 | 228  | 3464174  | 41.37 | ng    | 99       |
| 81) 3,3'-Dichlorobenzidine     | 20.99 | 252  | 986596   | 29.97 | ng #  | 96       |
| 82) Chrysene                   | 21.10 | 228  | 3204679  | 40.19 | ng    | 99       |
| 83) Bis(2-ethylhexyl)phthalate | 21.00 | 149  | 1794183  | 42.01 | ng    | 99       |
| 84) Di-n-octyl phthalate       | 21.86 | 149  | 2715696  | 38.81 | ng    | 100      |
| 85) Indeno(1,2,3-cd)pyrene     | 25.30 | 276  | 3048053  | 33.33 | ng #  | 100      |
| 87) Benzo(b)fluoranthene       | 22.56 | 252  | 3034946  | 41.87 | ng #  | 92       |
| 88) Benzo(k)fluoranthene       | 22.60 | 252  | 2925330  | 42.25 | ng #  | 95       |
| 89) Benzo(a)pyrene             | 23.10 | 252  | 2790766  | 42.30 | ng #  | 96       |
| 90) Dibenzo(a,h)anthracene     | 25.30 | 278  | 2539022  | 39.65 | ng #  | 93       |
| 91) Benzo(g,h,i)perylene       | 25.93 | 276  | 2510076  | 39.88 | ng #  | 83       |

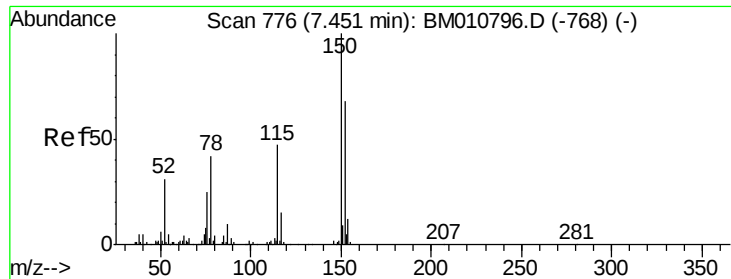
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 4      Sample Multiplier: 1

IDOC-W-2

Response via : Initial Calibration



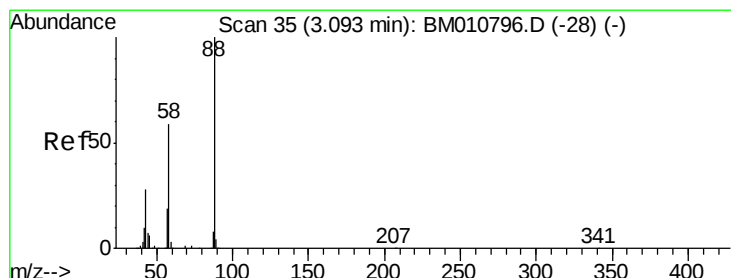
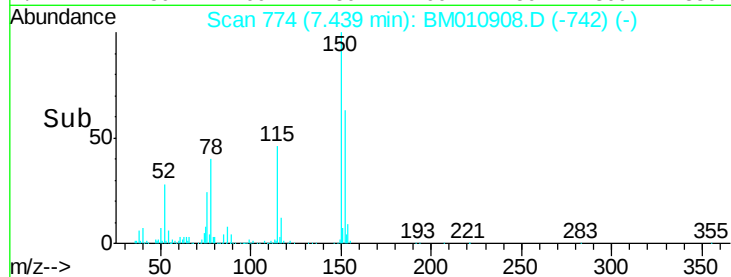
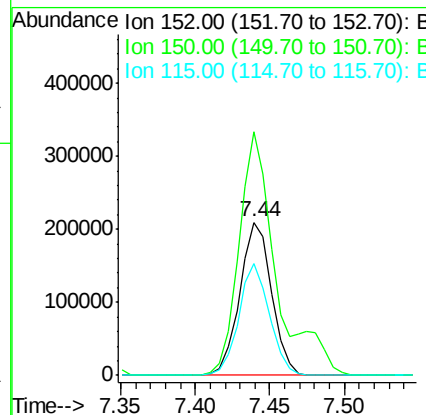
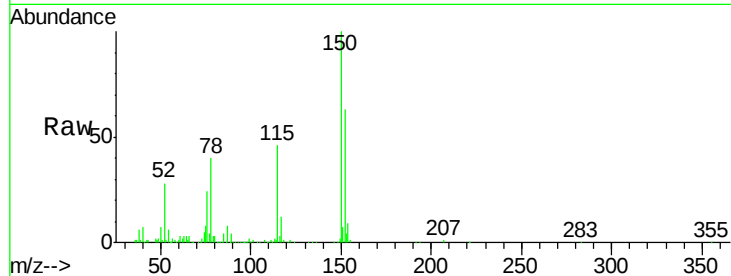


#1

1,4-Dichlorobenzene-d4  
Concen: 20.00 ng  
RT: 7.44 min Scan# 774  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

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IDOC-W-2

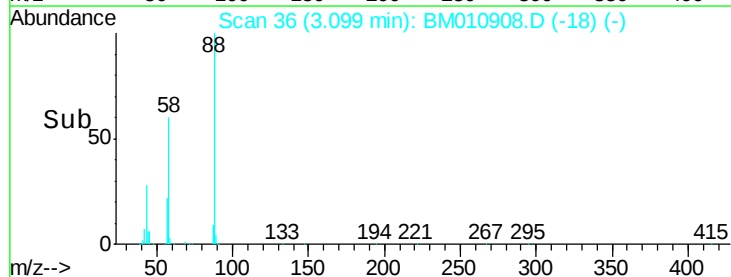
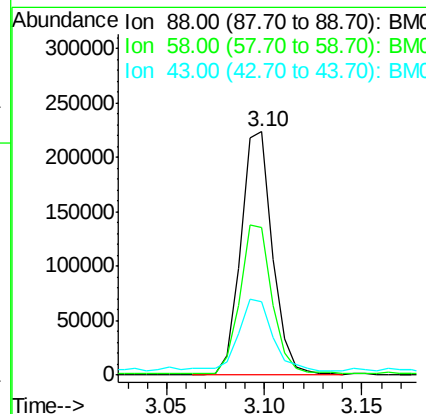
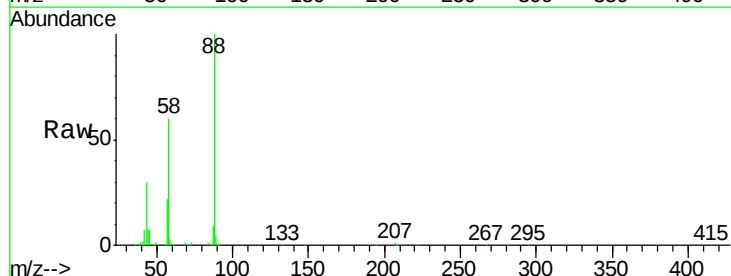
Tgt Ion:152 Resp: 310715  
Ion Ratio Lower Upper  
152 100  
150 159.1 119.5 179.3  
115 72.8 43.0 64.4#

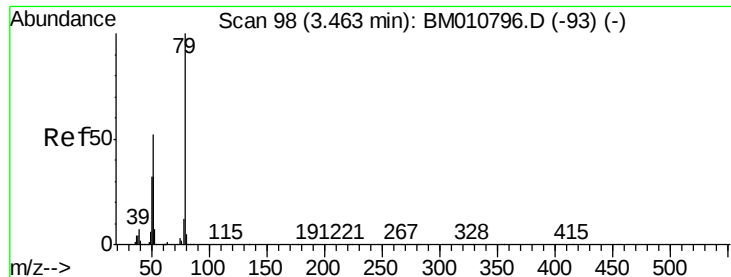


#2

1,4-Dioxane  
Concen: 30.40 ng  
RT: 3.10 min Scan# 36  
Delta R.T. 0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 88 Resp: 251576  
Ion Ratio Lower Upper  
88 100  
58 62.2 0.0 0.0#  
43 32.1 0.0 0.0#





#3

Pyridine

Concen: 33.23 ng

RT: 3.46 min Scan# 98

Delta R.T. 0.00 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

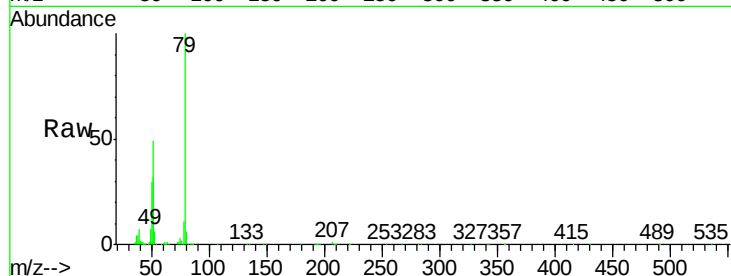
Tgt Ion: 79 Resp: 751761

Ion Ratio Lower Upper

79 100

52 49.3 51.1 76.7#

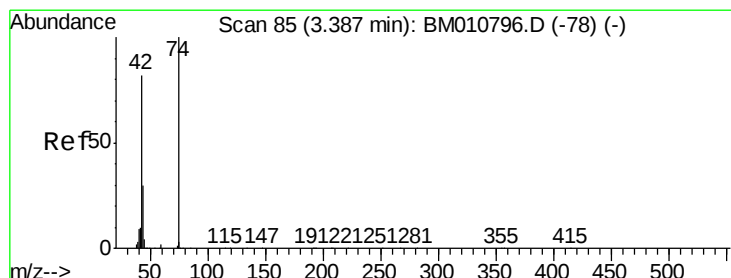
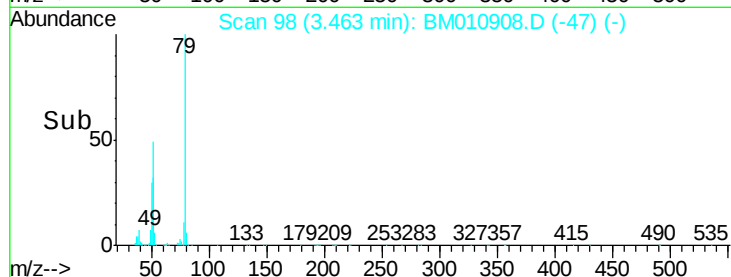
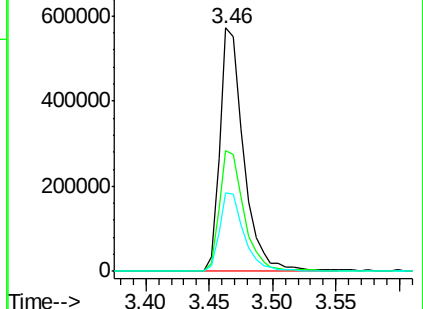
51 32.3 26.1 39.1



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: 38.15 ng

RT: 3.38 min Scan# 84

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

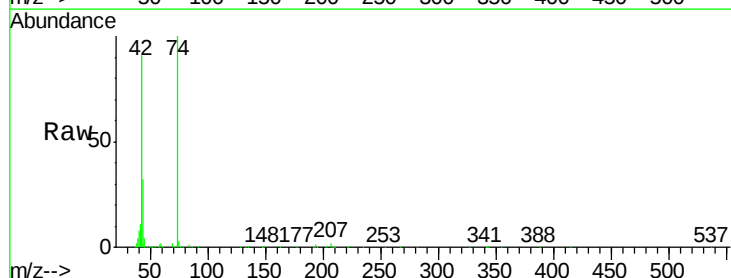
Tgt Ion: 42 Resp: 441152

Ion Ratio Lower Upper

42 100

74 110.2 119.3 178.9#

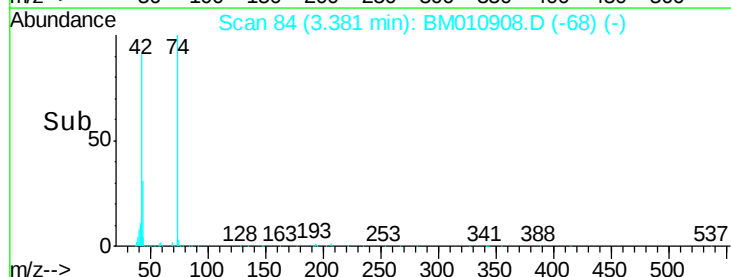
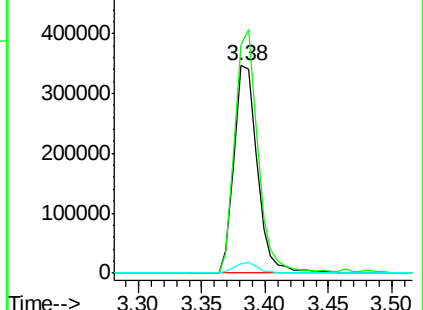
44 4.8 5.4 8.2#



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: 133.02 ng

RT: 5.08 min Scan# 373

Delta R.T. 0.00 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

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ClientSampleId :

IDOC-W-2

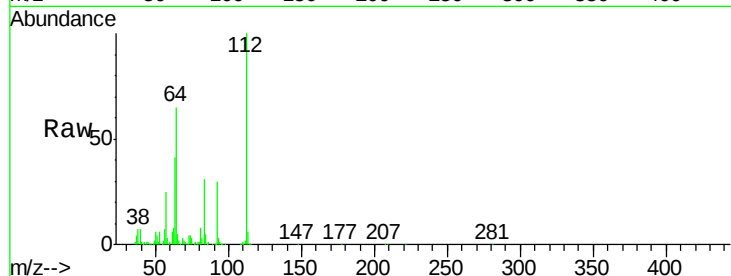
Tgt Ion:112 Resp: 2495093

Ion Ratio Lower Upper

112 100

64 64.6 38.6 57.8#

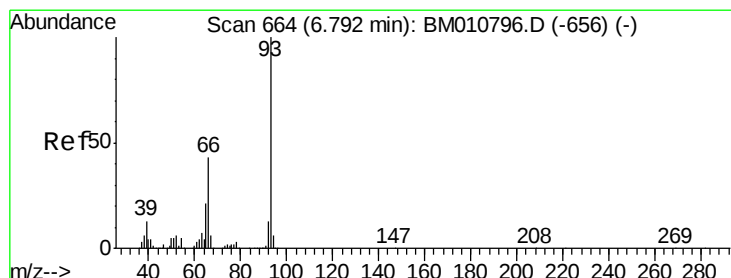
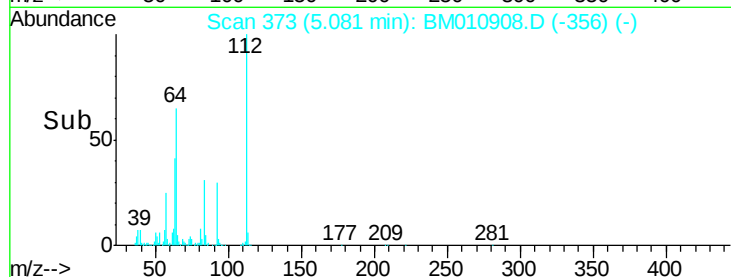
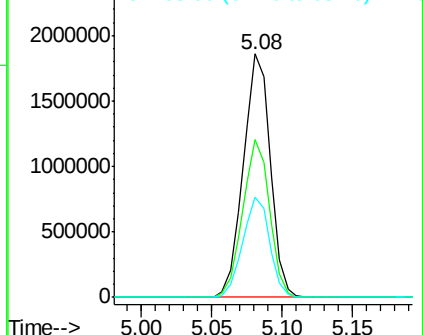
63 41.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 33.65 ng

RT: 6.79 min Scan# 664

Delta R.T. 0.00 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

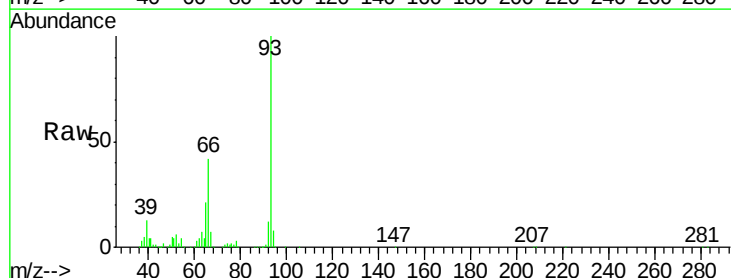
Tgt Ion: 93 Resp: 1090046

Ion Ratio Lower Upper

93 100

66 41.8 30.8 46.2

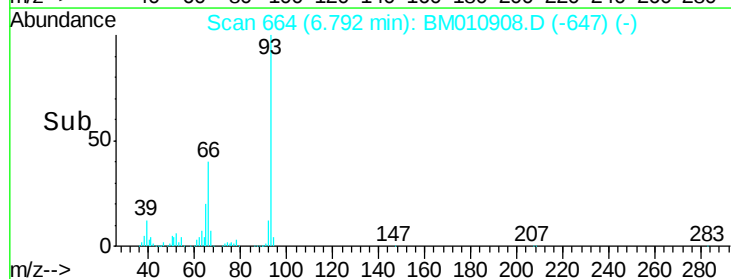
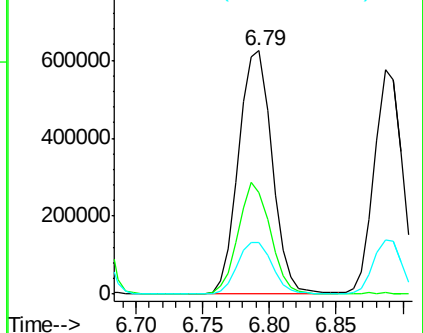
65 21.4 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 126.69 ng

RT: 6.65 min Scan# 639

Delta R.T. 0.01 min

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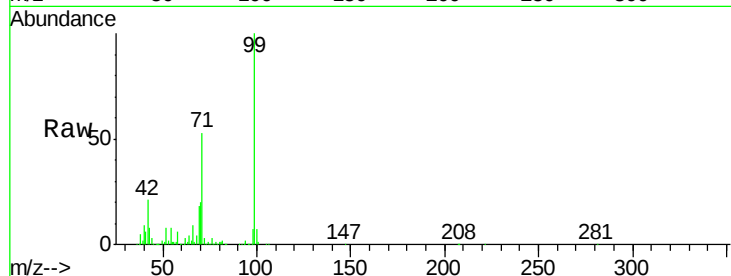
Tgt Ion: 99 Resp: 3275974

Ion Ratio Lower Upper

99 100

42 21.1 11.0 16.4#

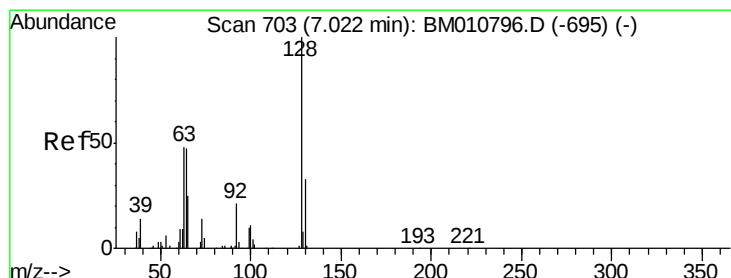
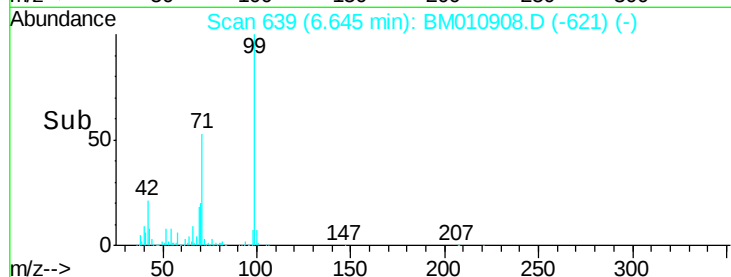
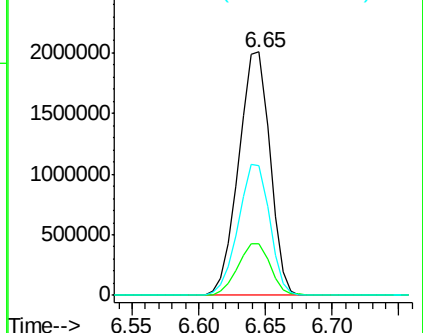
71 53.4 23.4 35.2#



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: 40.72 ng

RT: 7.02 min Scan# 702

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

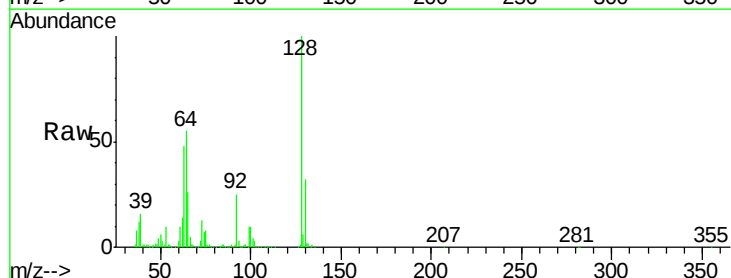
Tgt Ion: 128 Resp: 756324

Ion Ratio Lower Upper

128 100

130 32.2 12.0 52.0

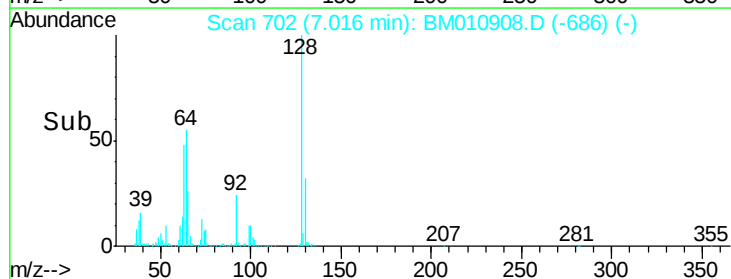
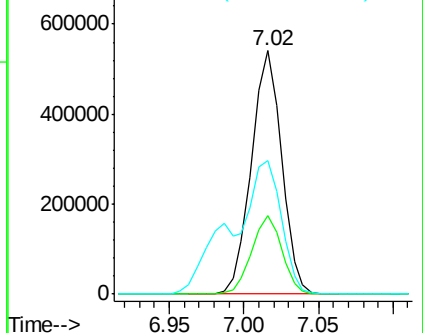
64 55.0 24.9 64.9

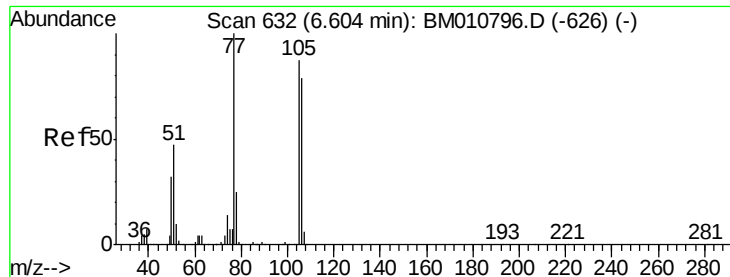


Abundance Ion 128.00 (127.70 to 128.70): BM010796.D (-695) (-)

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: 24.68 ng

RT: 6.60 min Scan# 631

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

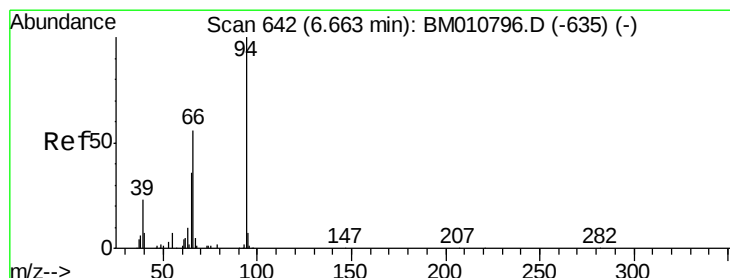
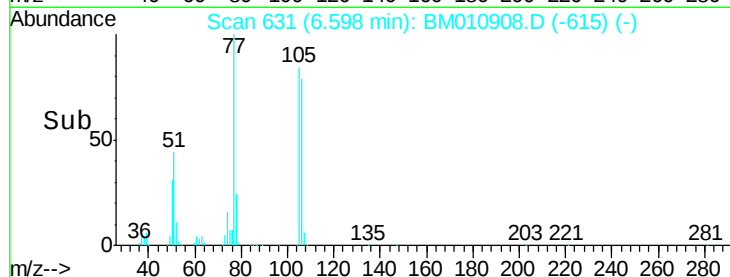
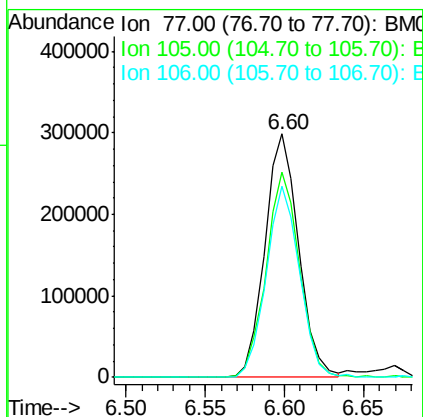
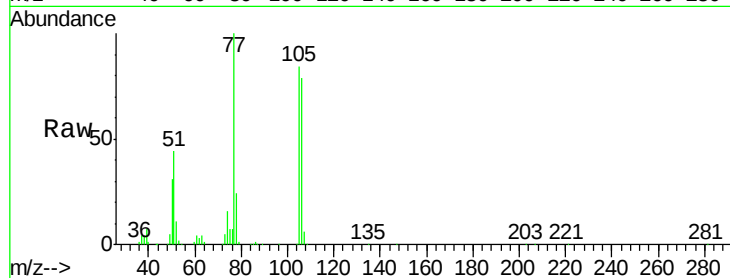
Tgt Ion: 77 Resp: 443137

Ion Ratio Lower Upper

77 100

105 84.2 78.8 118.8

106 78.5 73.7 113.7



#10

Phenol

Concen: 40.68 ng

RT: 6.67 min Scan# 643

Delta R.T. 0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

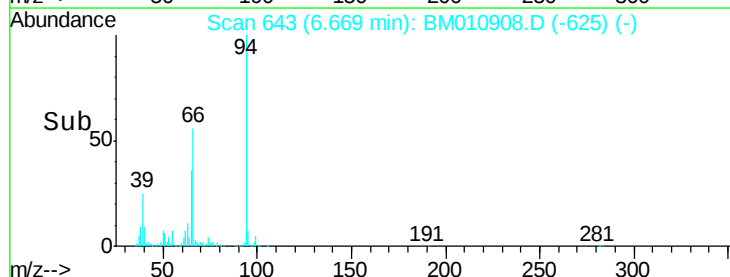
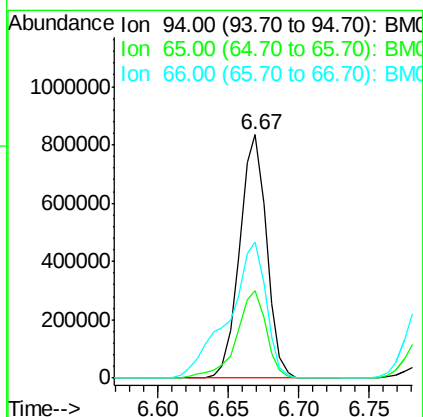
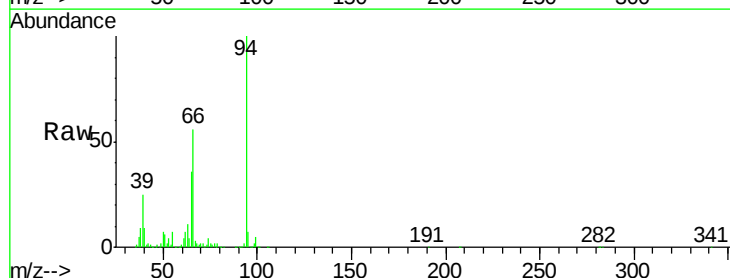
Tgt Ion: 94 Resp: 1112317

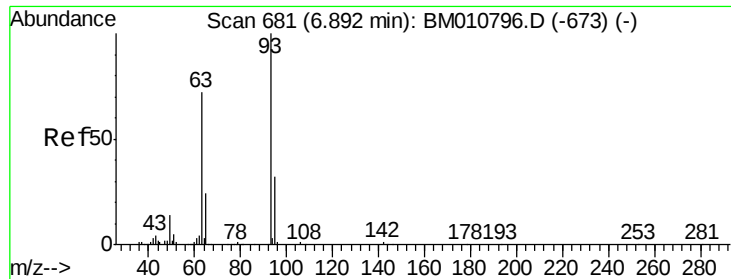
Ion Ratio Lower Upper

94 100

65 35.8 18.8 58.8

66 56.0 39.9 79.9

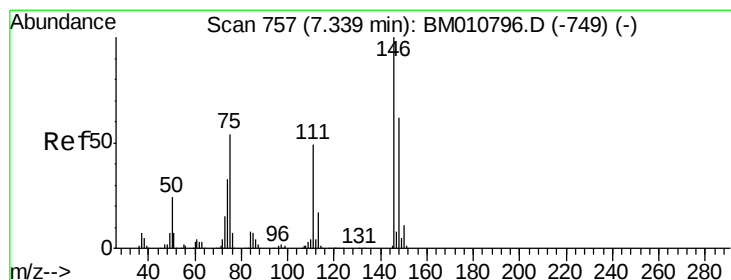
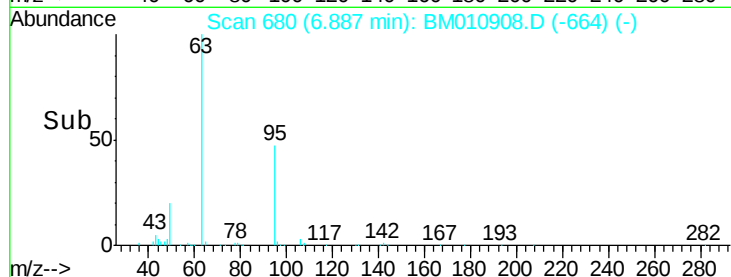
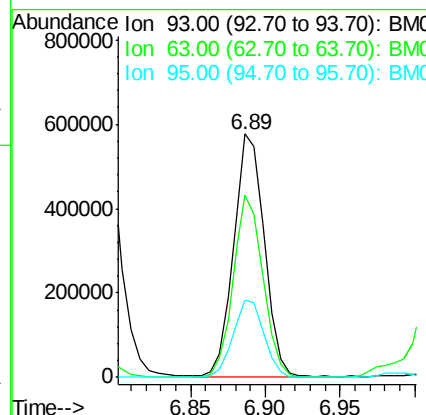
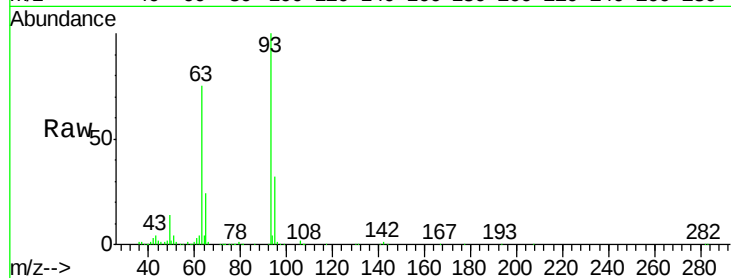




#11  
bis(2-Chloroethyl)ether  
Concen: 39.29 ng  
RT: 6.89 min Scan# 680  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

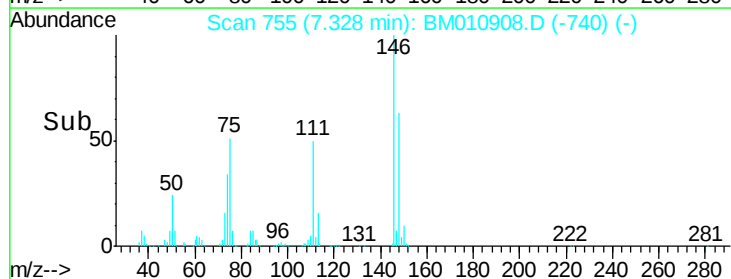
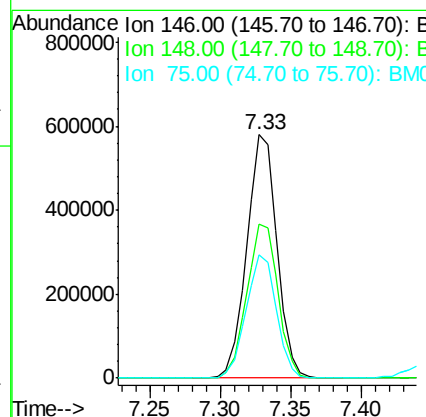
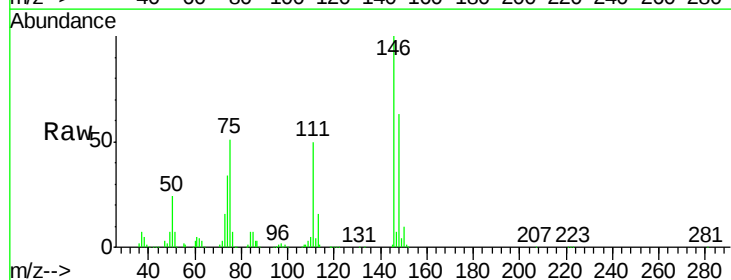
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

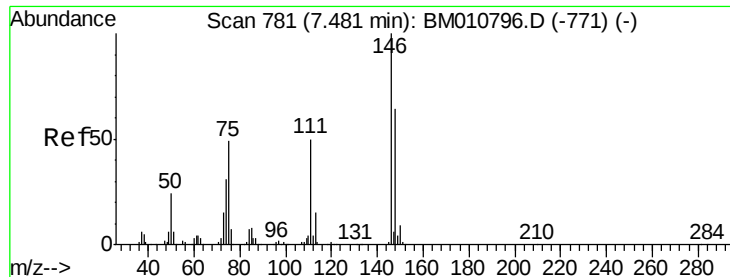
Tgt Ion: 93 Resp: 827417  
Ion Ratio Lower Upper  
93 100  
63 74.6 49.5 89.5  
95 31.7 13.5 53.5



#12  
1,3-Dichlorobenzene  
Concen: 37.83 ng  
RT: 7.33 min Scan# 755  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 146 Resp: 868146  
Ion Ratio Lower Upper  
146 100  
148 63.2 50.9 76.3  
75 50.5 21.4 32.2#

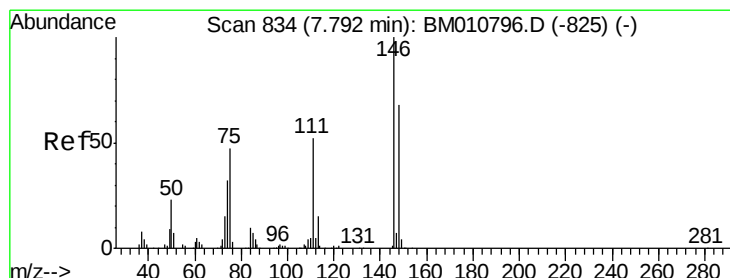
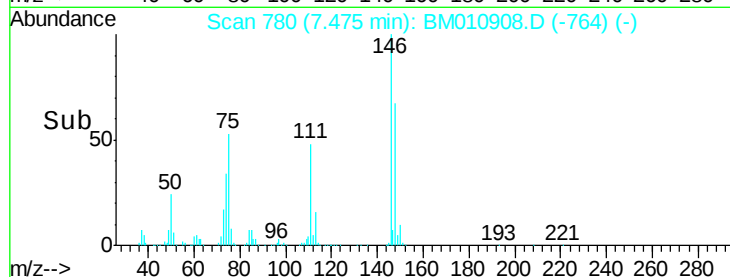
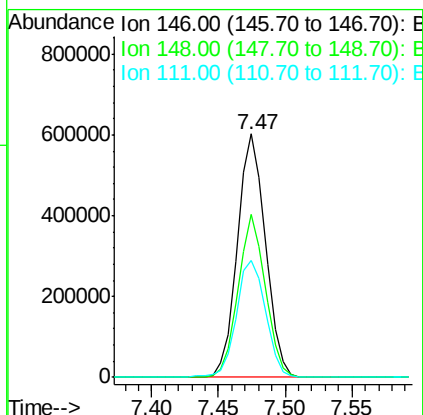
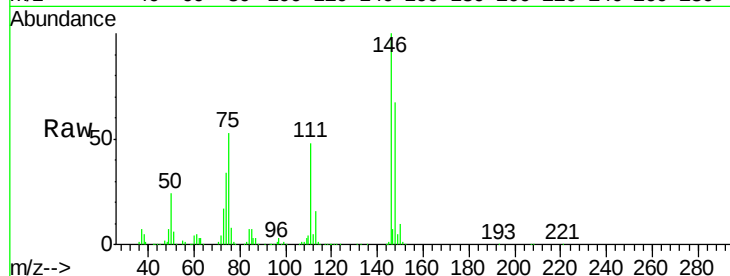




#13  
 1,4-Dichlorobenzene  
 Concen: 37.09 ng  
 RT: 7.47 min Scan# 780  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

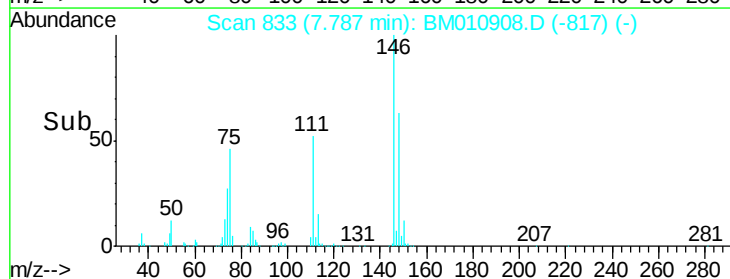
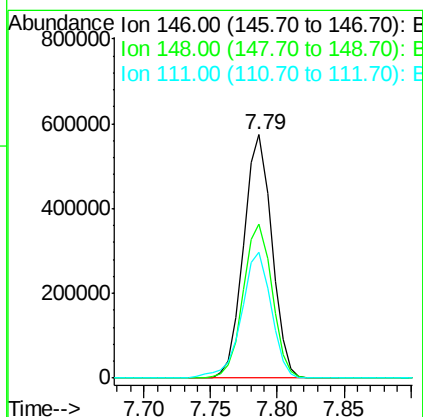
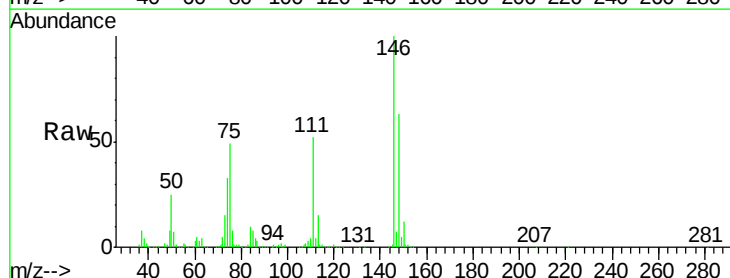
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

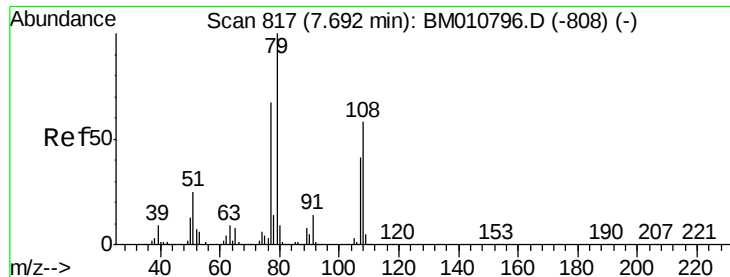
Tgt Ion:146 Resp: 878540  
 Ion Ratio Lower Upper  
 146 100  
 148 66.9 51.9 77.9  
 111 47.8 29.2 43.8#



#14  
 1,2-Dichlorobenzene  
 Concen: 37.16 ng  
 RT: 7.79 min Scan# 833  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:146 Resp: 838762  
 Ion Ratio Lower Upper  
 146 100  
 148 63.5 52.3 78.5  
 111 51.6 30.6 45.8#





#15

Benzyl Alcohol

Concen: 40.09 ng

RT: 7.69 min Scan# 816

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

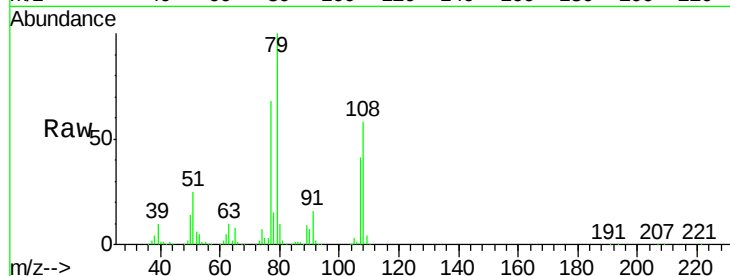
Tgt Ion: 79 Resp: 981749

Ion Ratio Lower Upper

79 100

108 57.9 65.0 97.4#

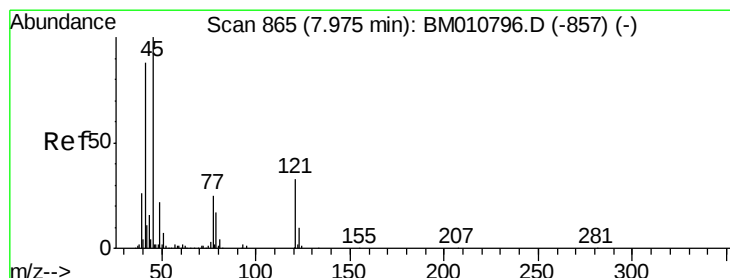
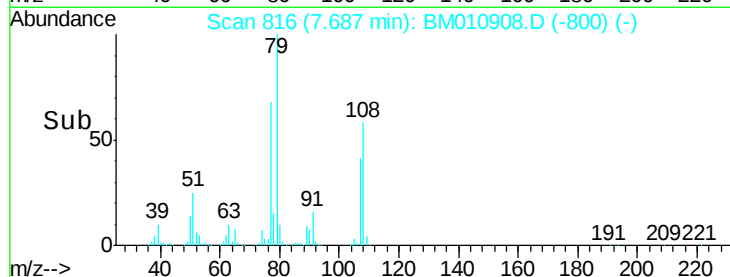
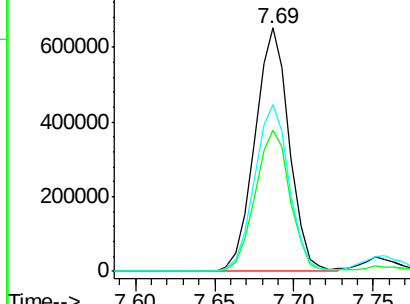
77 68.4 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM010796.D (-808) (-)

Ion 108.00 (107.70 to 108.70): BM010796.D (-808) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-808) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.05 ng

RT: 7.97 min Scan# 865

Delta R.T. 0.00 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

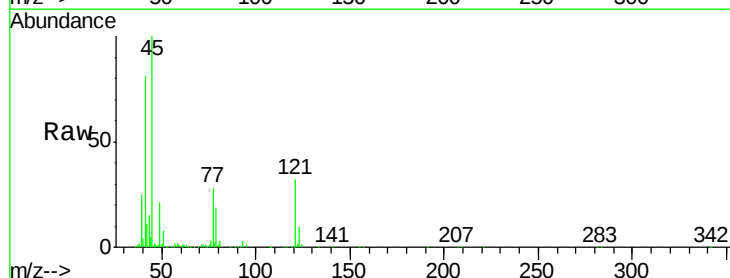
Tgt Ion: 45 Resp: 731055

Ion Ratio Lower Upper

45 100

77 27.9 0.0 35.2

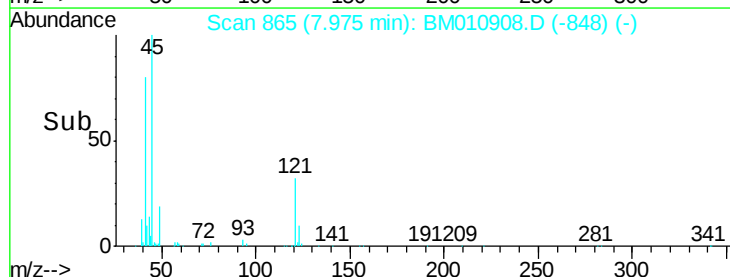
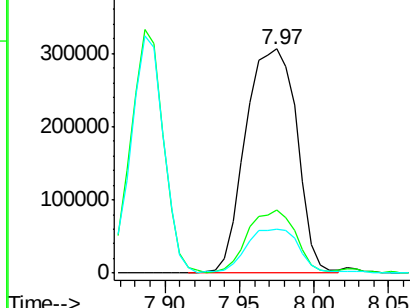
79 19.4 0.0 32.0

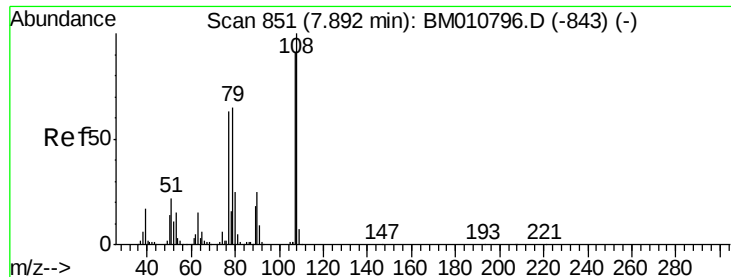


Abundance Ion 45.00 (44.70 to 45.70): BM010796.D (-857) (-)

Ion 77.00 (76.70 to 77.70): BM010796.D (-857) (-)

Ion 79.00 (78.70 to 79.70): BM010796.D (-857) (-)

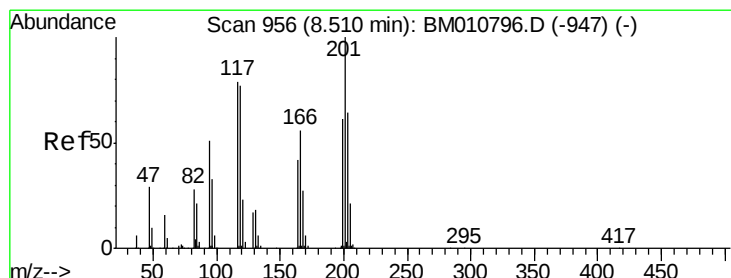
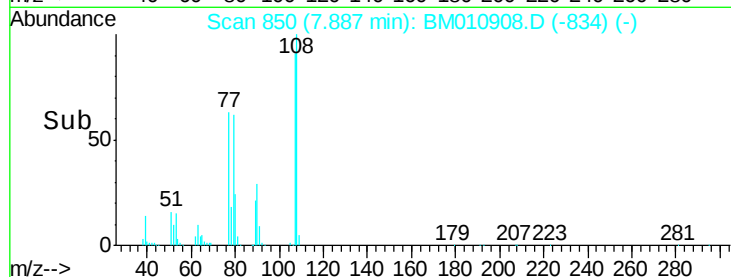
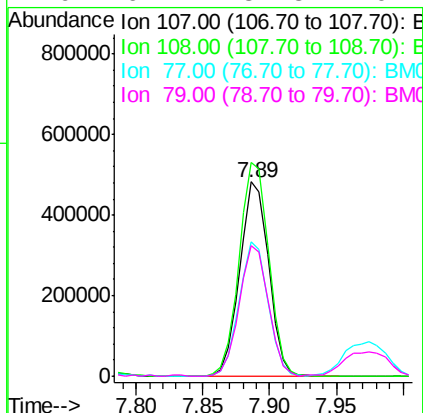
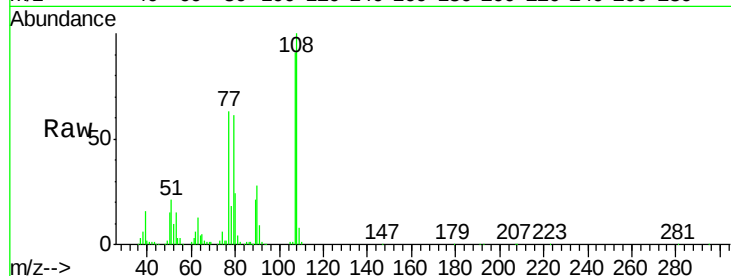




#17  
2-Methylphenol  
Concen: 40.95 ng  
RT: 7.89 min Scan# 850  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

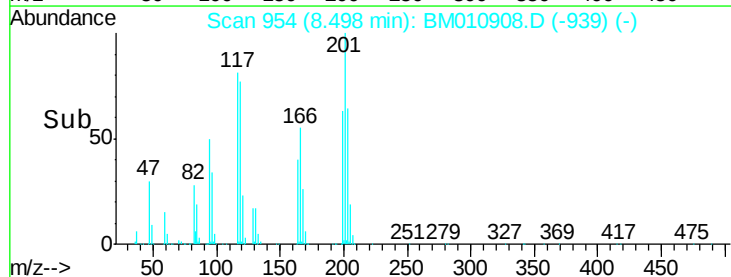
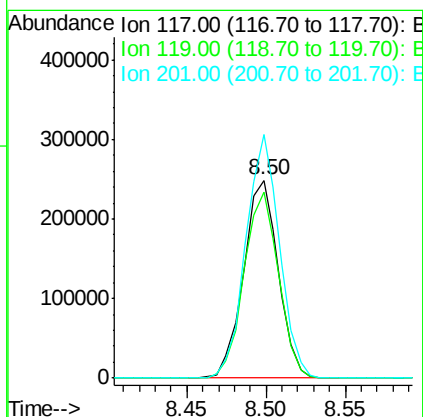
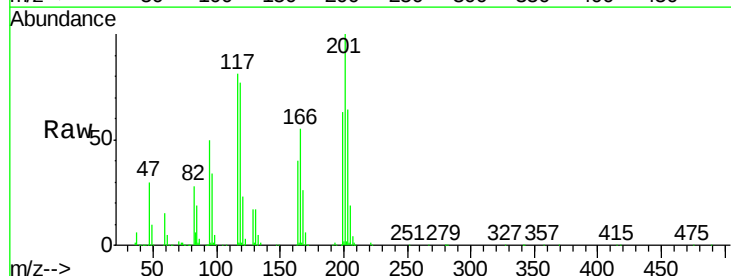
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

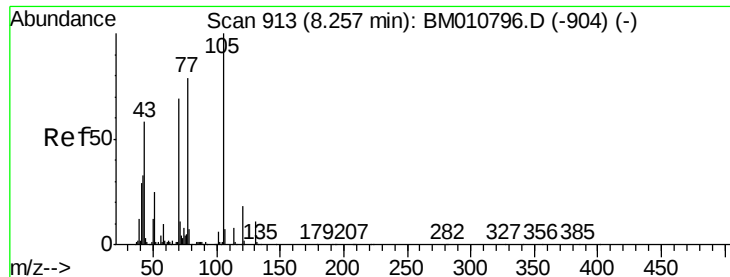
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 724007 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 109.8 | 89.8  | 134.8  |
| 77       | 68.9  | 32.6  | 48.8#  |
| 79       | 67.1  | 32.8  | 49.2#  |



#18  
Hexachloroethane  
Concen: 37.96 ng  
RT: 8.50 min Scan# 954  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 377129 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 94.4  | 79.2  | 118.8  |
| 201      | 123.2 | 69.8  | 104.6# |

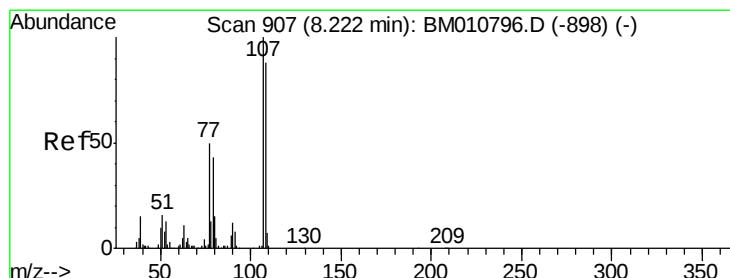
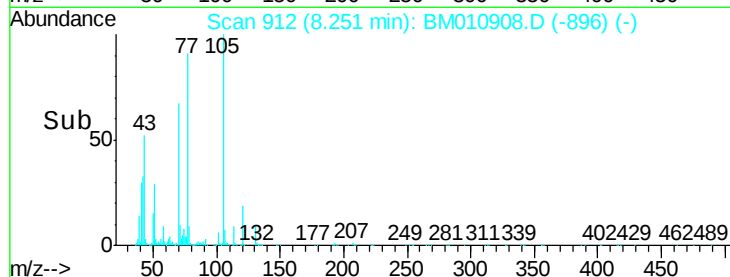
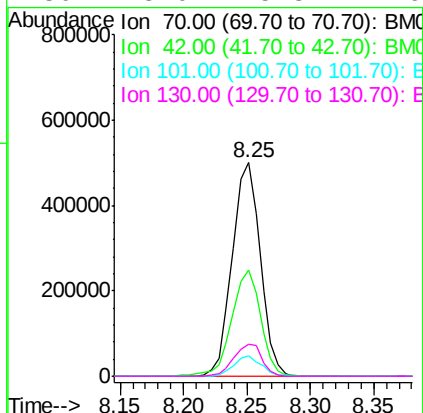
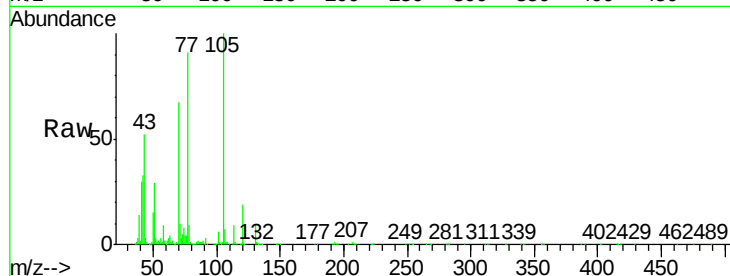




#19  
n-Nitroso-di-n-propylamine  
Concen: 37.41 ng  
RT: 8.25 min Scan# 912  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

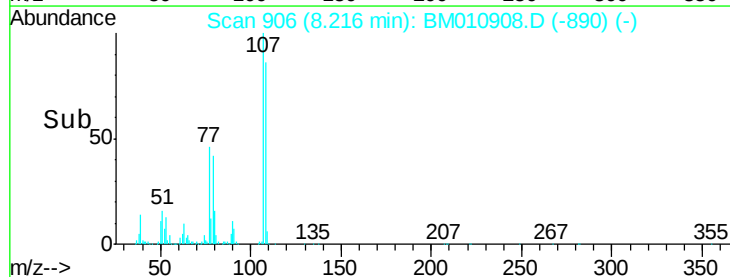
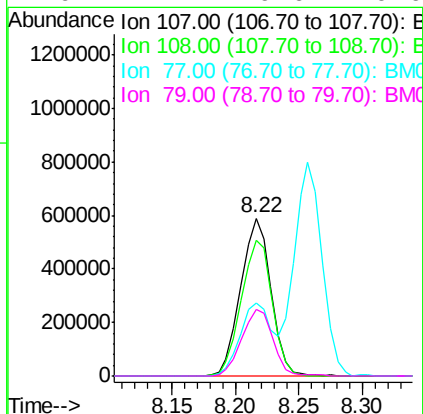
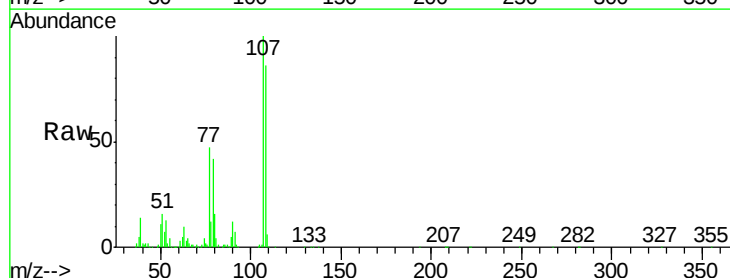
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

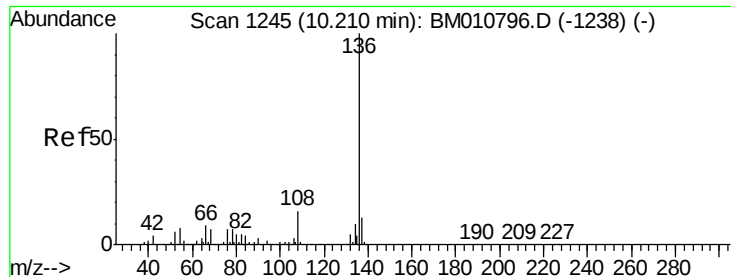
Tgt Ion: 70 Resp: 766262  
Ion Ratio Lower Upper  
70 100  
42 50.0 44.5 66.7  
101 9.7 7.4 11.2  
130 15.0 15.3 22.9#



#20  
3+4-Methylphenols  
Concen: 39.85 ng  
RT: 8.22 min Scan# 906  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 107 Resp: 978865  
Ion Ratio Lower Upper  
107 100  
108 85.9 73.2 113.2  
77 46.6 10.7 50.7  
79 42.1 9.6 49.6

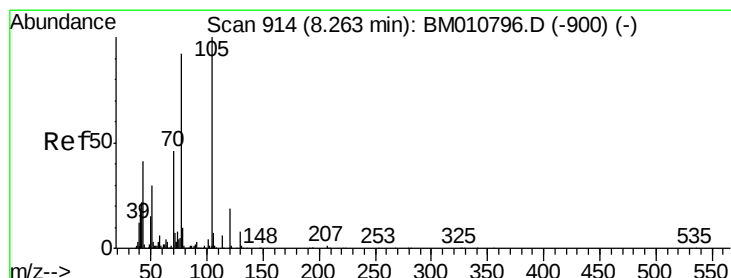
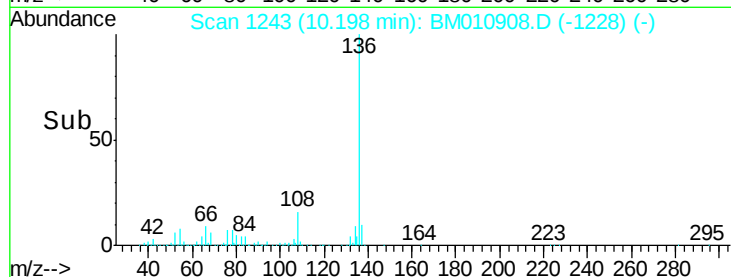
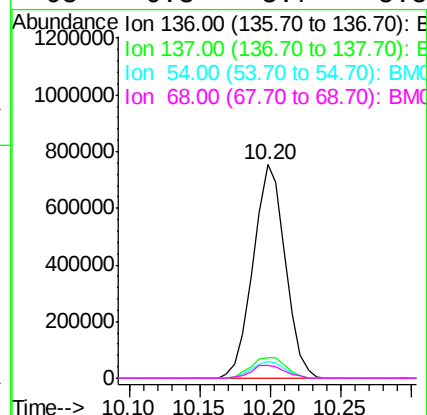
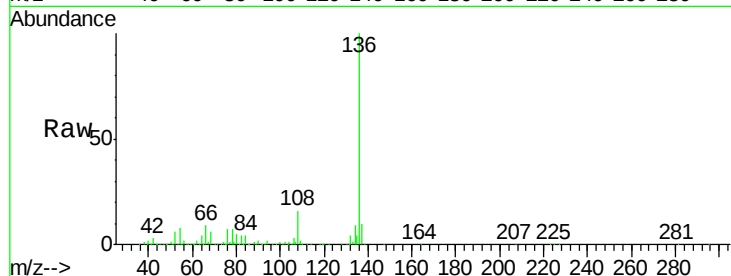




#21  
Naphthalene-d8  
Concen: 20.00 ng  
RT: 10.20 min Scan# 1243  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

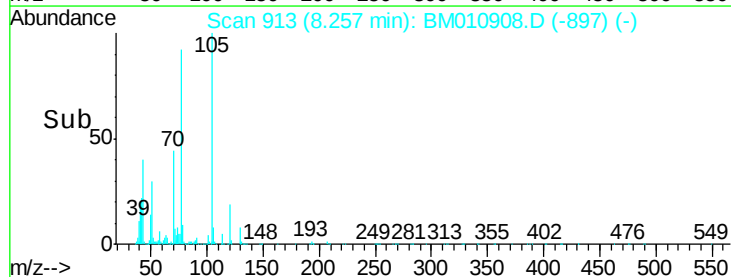
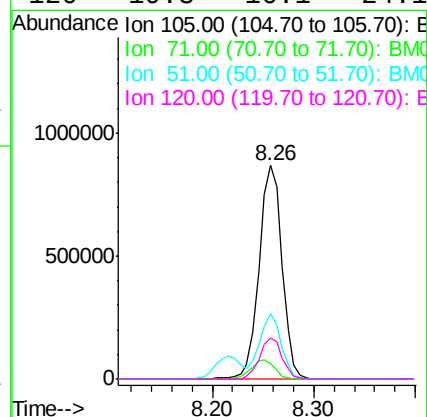
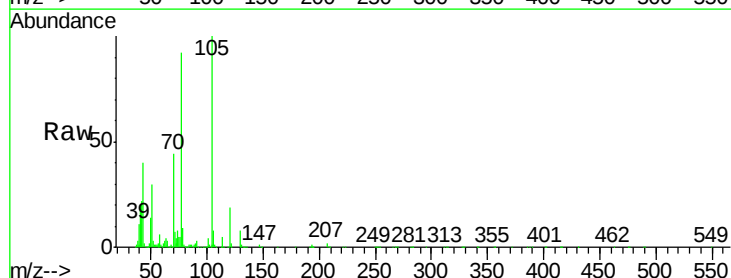
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

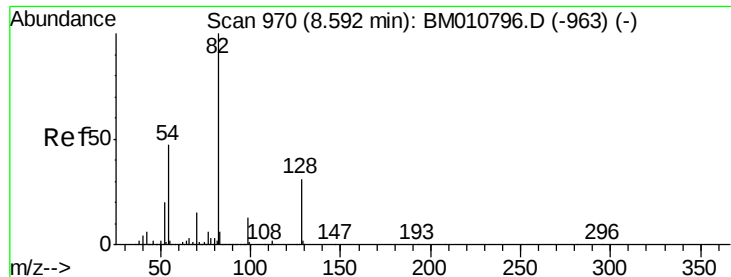
Tgt Ion:136 Resp: 1208799  
Ion Ratio Lower Upper  
136 100  
137 9.7 8.7 13.1  
54 7.9 4.6 6.8#  
68 6.3 3.7 5.5#



#22  
Acetophenone  
Concen: 37.55 ng  
RT: 8.26 min Scan# 913  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:105 Resp: 1366578  
Ion Ratio Lower Upper  
105 100  
71 7.0 0.6 1.0#  
51 30.4 21.6 32.4  
120 19.3 16.1 24.1

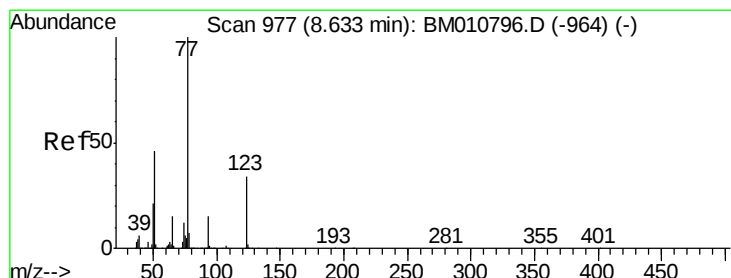
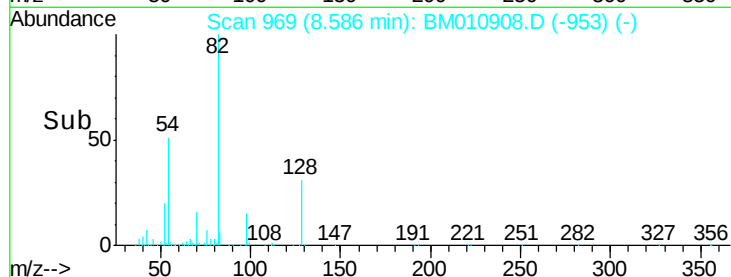
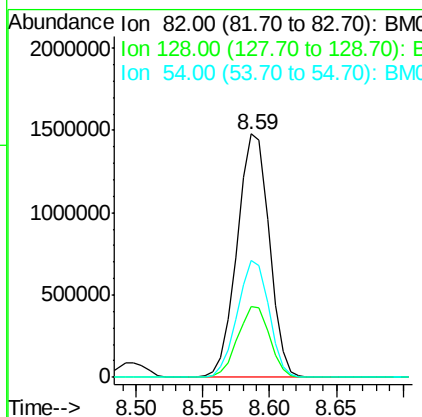
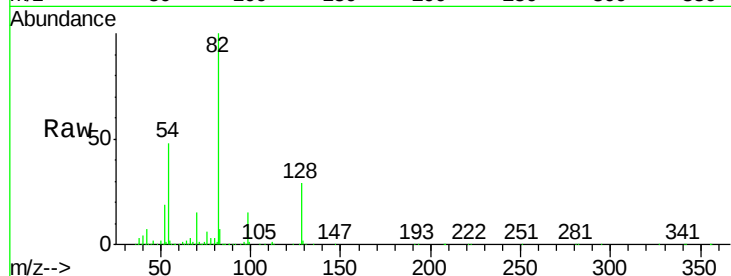




#23  
 Nitrobenzene-d5  
 Concen: 78.46 ng  
 RT: 8.59 min Scan# 969  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

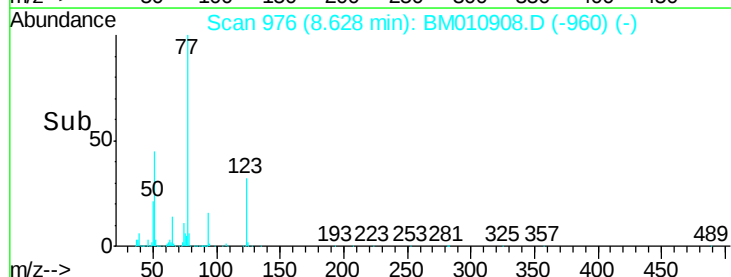
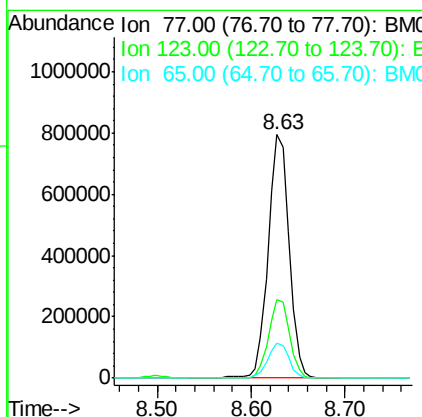
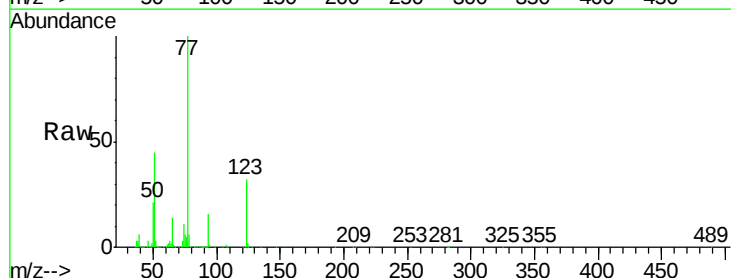
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 IDOC-W-2

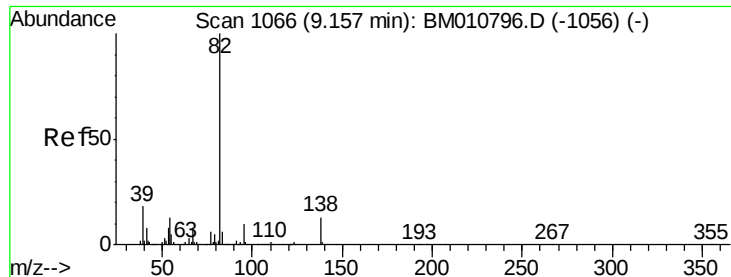
Tgt Ion: 82 Resp: 2467432  
 Ion Ratio Lower Upper  
 82 100  
 128 29.1 32.8 49.2#  
 54 48.2 40.6 60.8



#24  
 Nitrobenzene  
 Concen: 38.12 ng  
 RT: 8.63 min Scan# 976  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion: 77 Resp: 1228706  
 Ion Ratio Lower Upper  
 77 100  
 123 32.2 32.6 49.0#  
 65 14.5 10.9 16.3

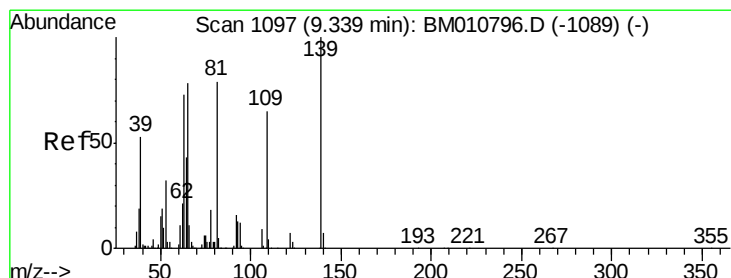
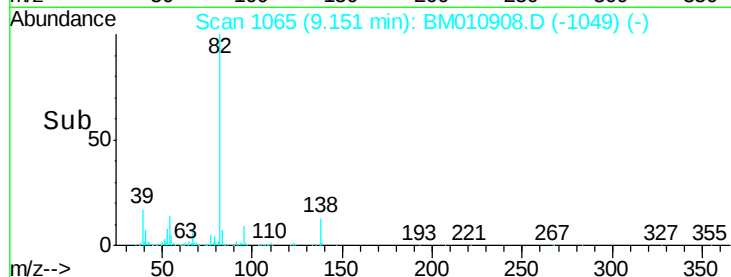
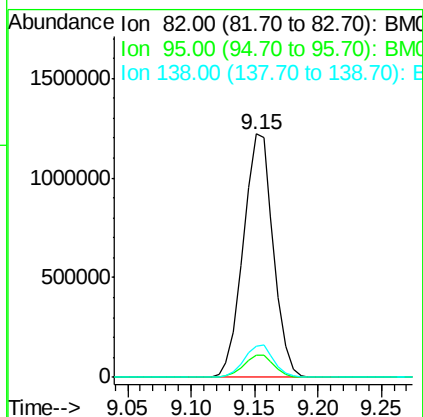
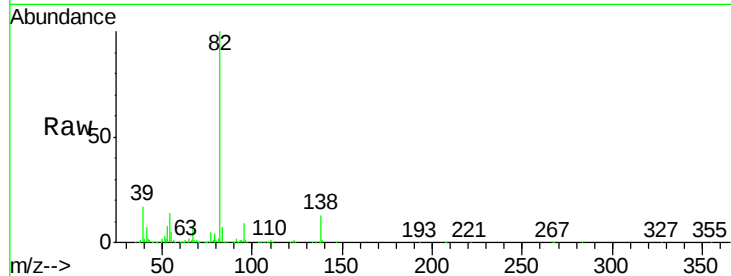




#25  
Isophorone  
Concen: 38.95 ng  
RT: 9.15 min Scan# 1065  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

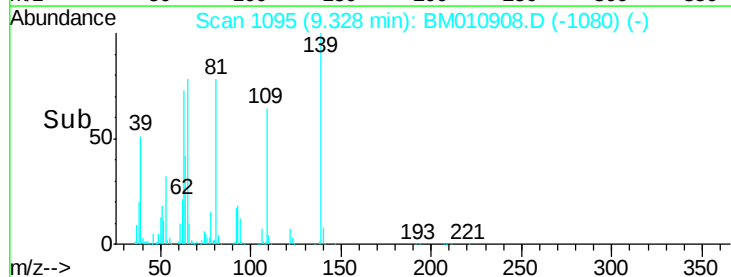
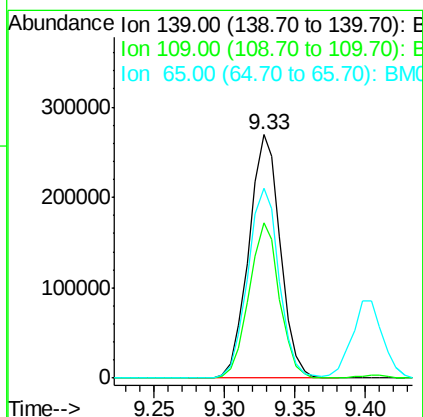
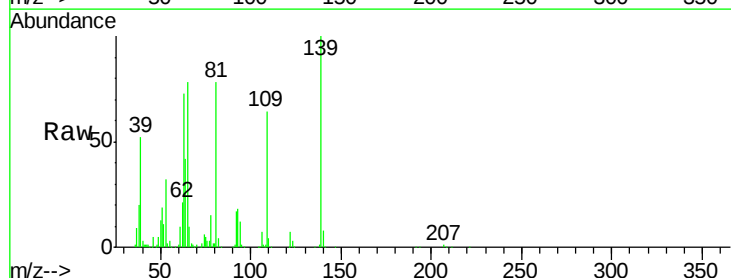
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

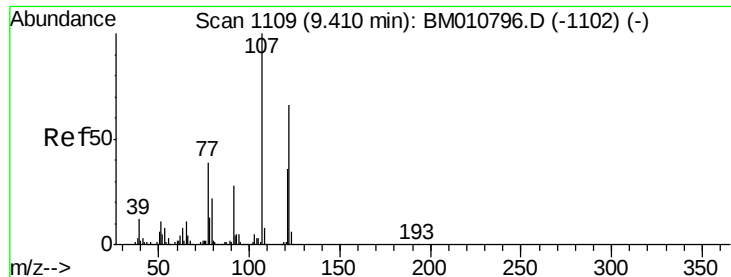
Tgt Ion: 82 Resp: 2006594  
Ion Ratio Lower Upper  
82 100  
95 8.9 5.8 8.6#  
138 13.0 16.3 24.5#



#26  
2-Nitrophenol  
Concen: 39.26 ng  
RT: 9.33 min Scan# 1095  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 139 Resp: 421045  
Ion Ratio Lower Upper  
139 100  
109 63.6 20.1 30.1#  
65 78.0 31.5 47.3#

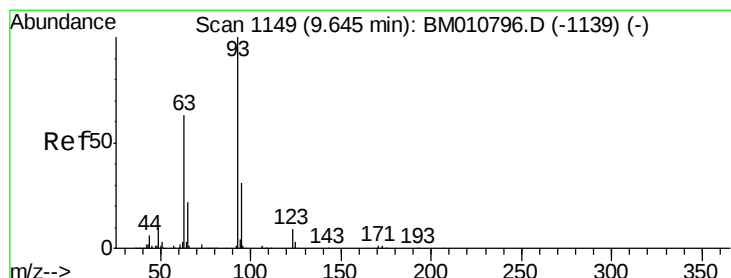
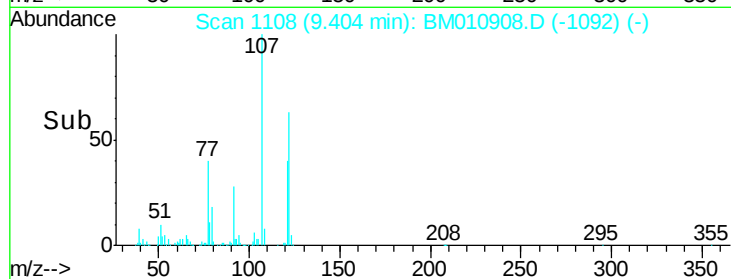
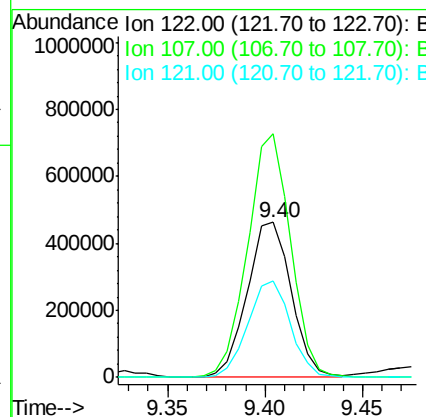
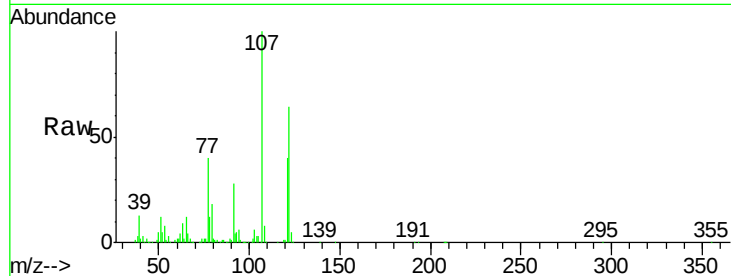




#27  
 2,4-Dimethylphenol  
 Concen: 37.89 ng  
 RT: 9.40 min Scan# 1108  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

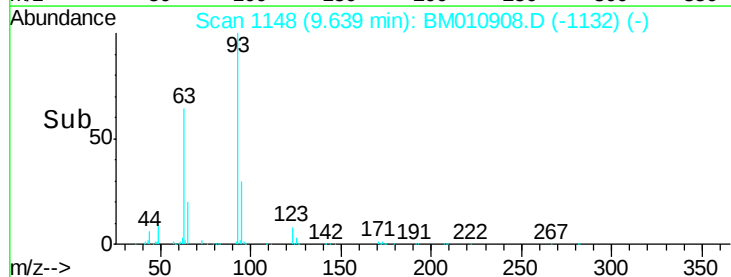
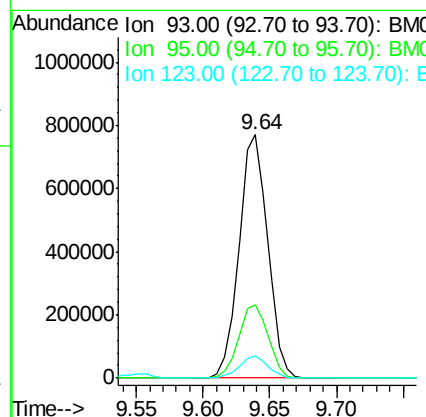
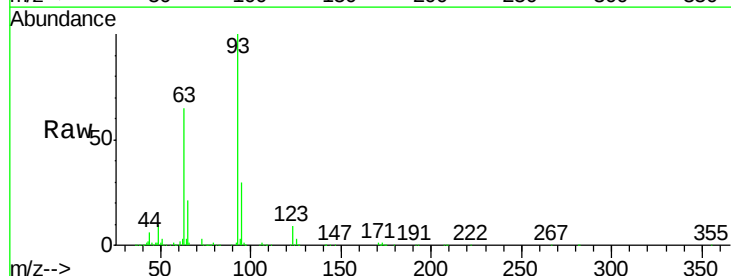
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

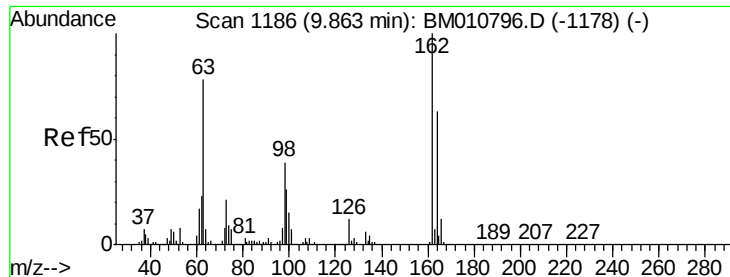
| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 122     | 100   |       |        |
| 107     | 157.0 | 84.7  | 127.1# |
| 121     | 62.3  | 46.6  | 69.8   |



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 39.61 ng  
 RT: 9.64 min Scan# 1148  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 30.3  | 25.5  | 38.3  |
| 123     | 9.2   | 8.6   | 13.0  |

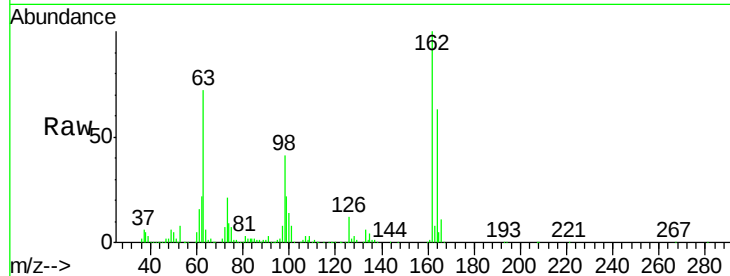




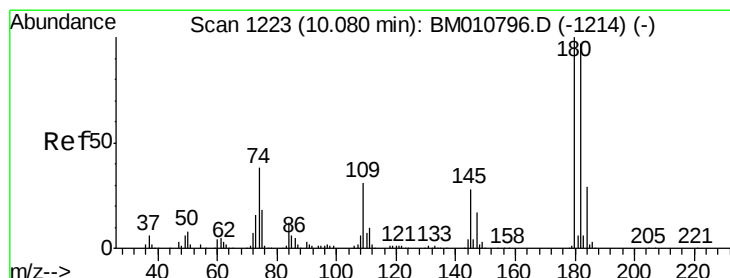
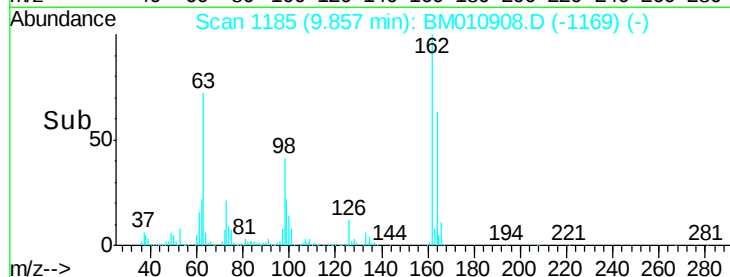
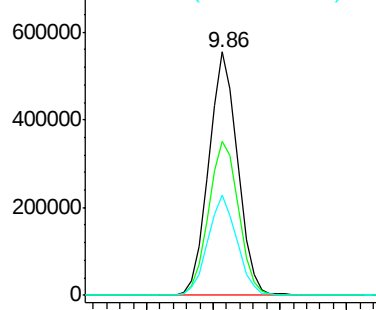
#29  
2,4-Dichlorophenol  
Concen: 38.55 ng  
RT: 9.86 min Scan# 1185  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 63.4  | 42.8  | 82.8  |
| 98      | 41.1  | 14.5  | 54.5  |

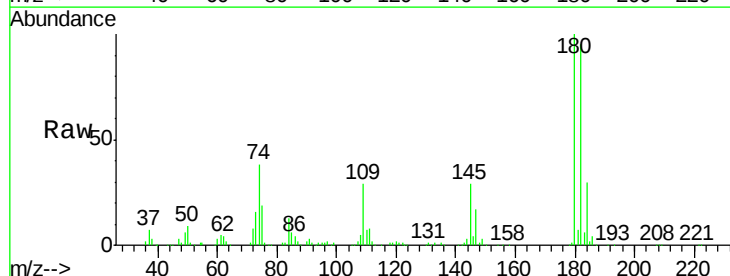


Abundance Ion 162.00 (161.70 to 162.70): E  
Ion 164.00 (163.70 to 164.70): E  
Ion 98.00 (97.70 to 98.70): BM0

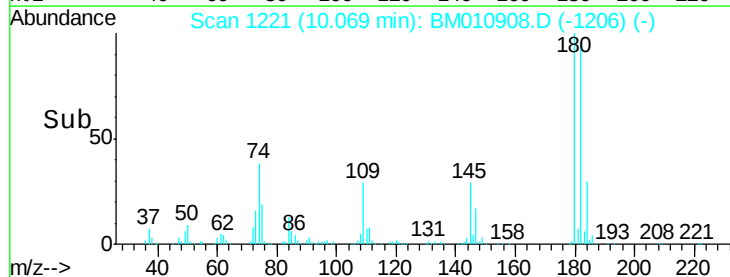
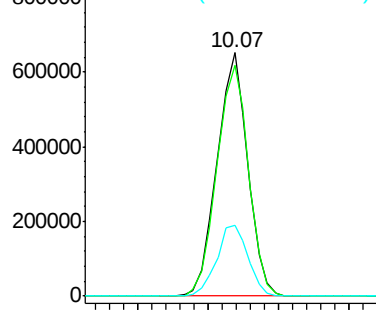


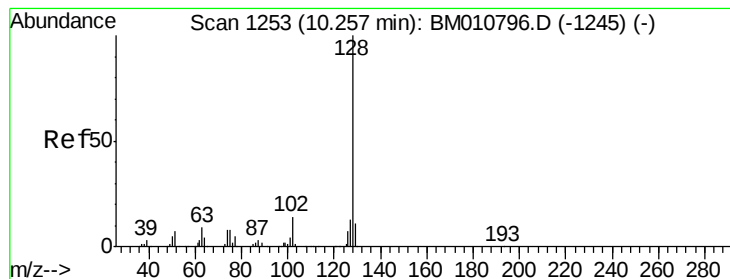
#30  
1,2,4-Trichlorobenzene  
Concen: 37.62 ng  
RT: 10.07 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.6  | 77.6  | 116.4 |
| 145     | 29.0  | 23.4  | 35.2  |



Abundance Ion 180.00 (179.70 to 180.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 145.00 (144.70 to 145.70): E

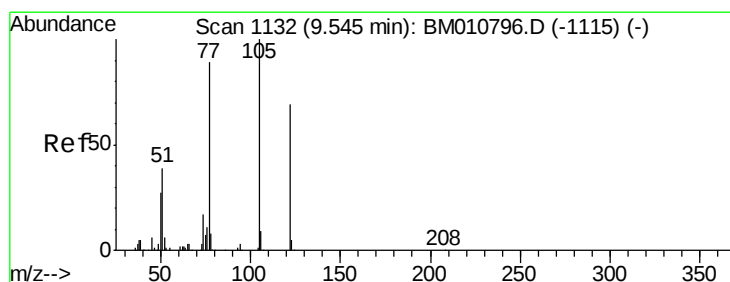
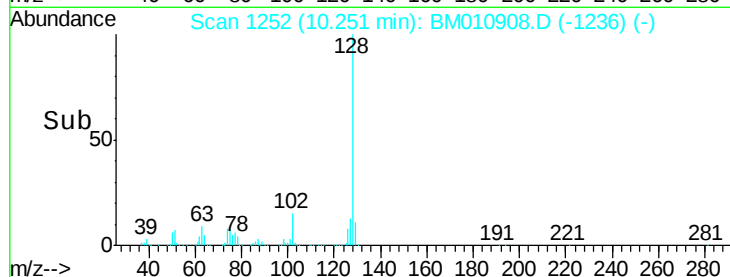
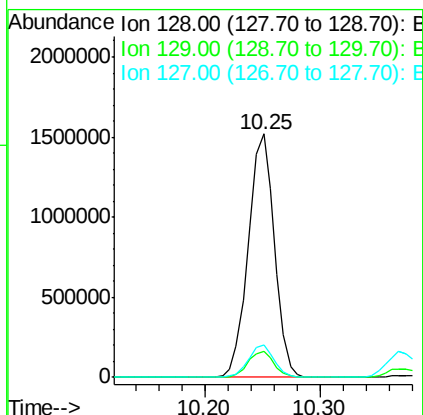
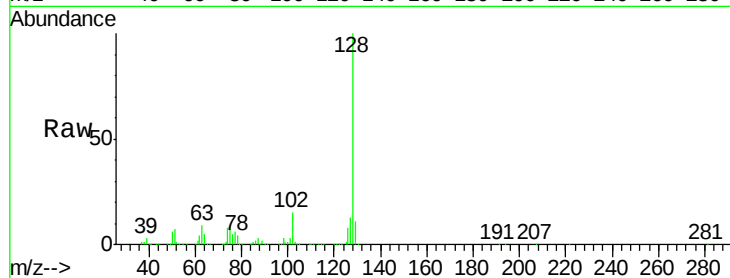




#31  
Naphthalene  
Concen: 38.95 ng  
RT: 10.25 min Scan# 1252  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

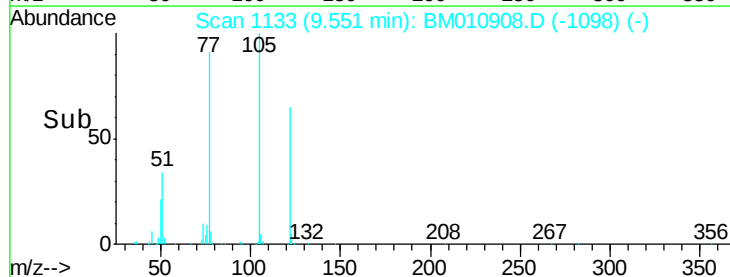
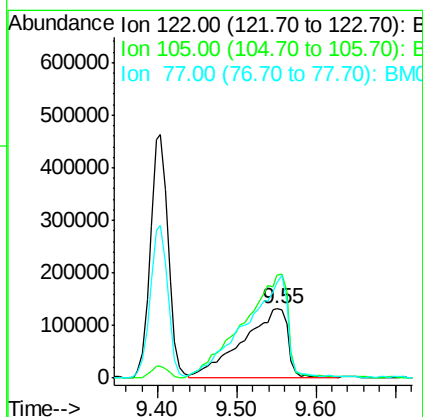
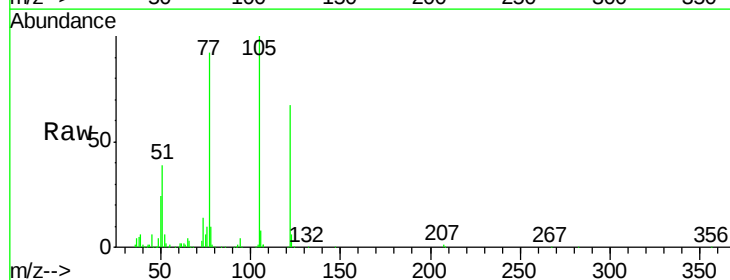
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

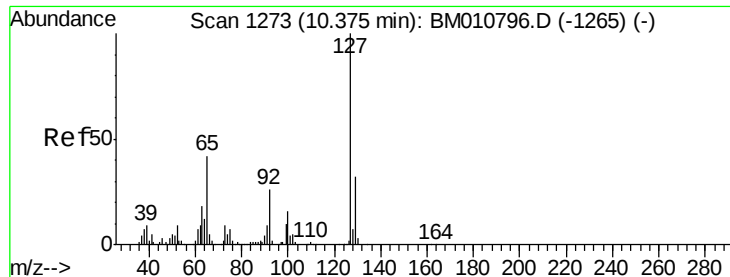
Tgt Ion:128 Resp: 2393926  
Ion Ratio Lower Upper  
128 100  
129 10.8 8.9 13.3  
127 13.2 10.4 15.6



#32  
Benzoic acid  
Concen: 35.49 ng  
RT: 9.55 min Scan# 1133  
Delta R.T. 0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:122 Resp: 533032  
Ion Ratio Lower Upper  
122 100  
105 149.1 99.9 139.9#  
77 137.0 73.7 113.7#

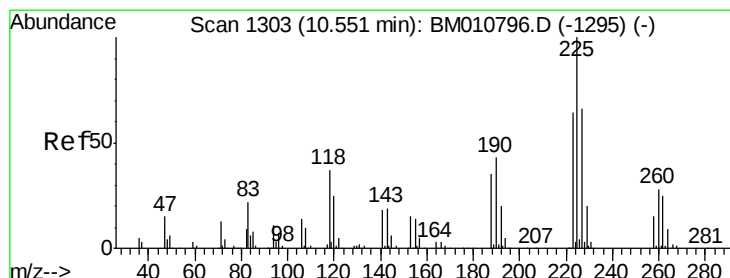
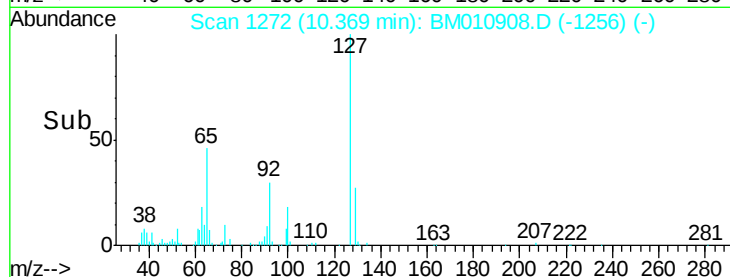
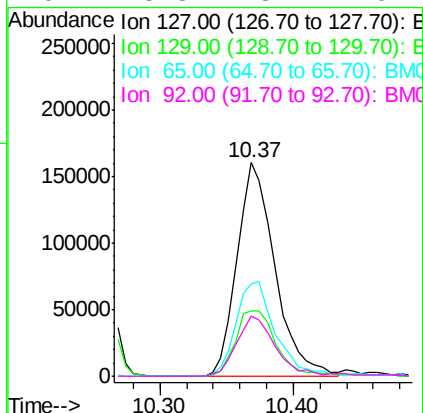
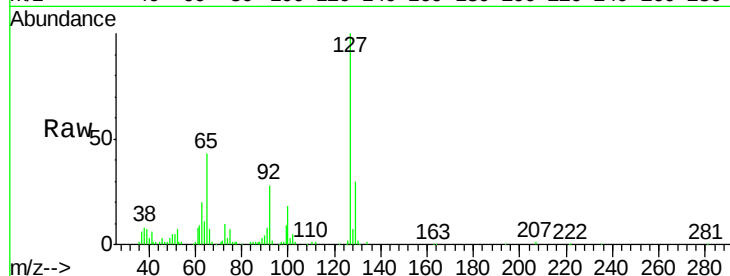




#33  
4-Chloroaniline  
Concen: 12.77 ng  
RT: 10.37 min Scan# 1272  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

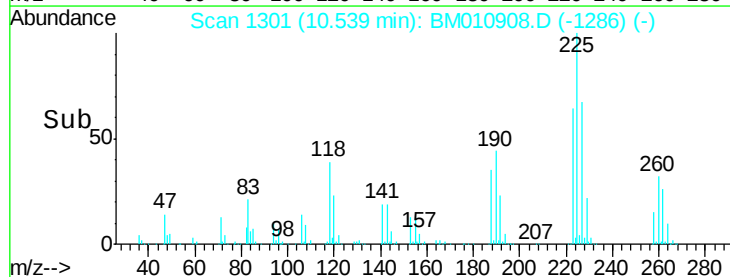
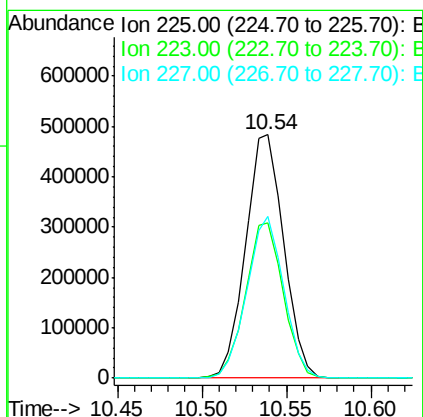
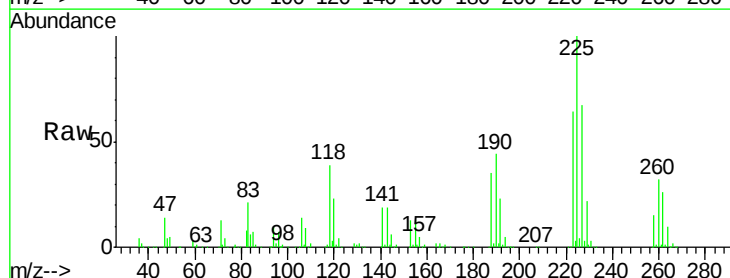
Instrument :  
BNA\_M  
ClientSampleID :  
IDOC-W-2

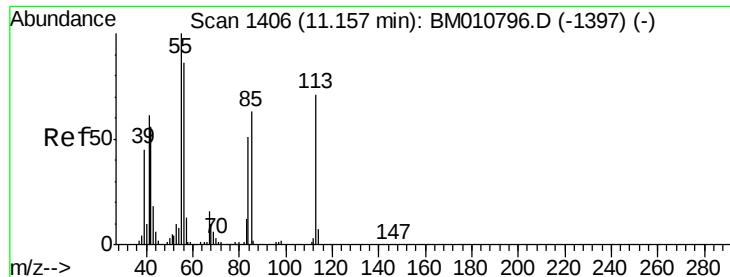
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 316278 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 30.5  | 25.3  | 37.9   |
| 65       | 42.9  | 17.6  | 26.4#  |
| 92       | 28.3  | 13.1  | 19.7#  |



#34  
Hexachlorobutadiene  
Concen: 37.10 ng  
RT: 10.54 min Scan# 1301  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 760995 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 63.6  | 47.9  | 71.9   |
| 227      | 66.5  | 50.1  | 75.1   |





#35

Caprolactam

Concen: 37.26 ng

RT: 11.16 min Scan# 1407

Delta R.T. 0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

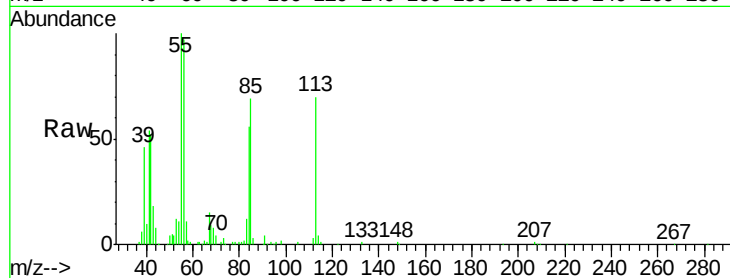
Tgt Ion:113 Resp: 214506

Ion Ratio Lower Upper

113 100

55 143.8 145.9 185.9#

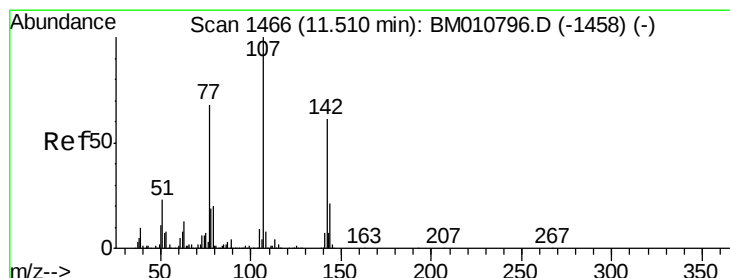
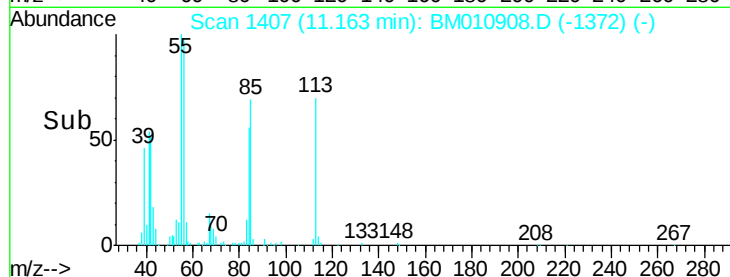
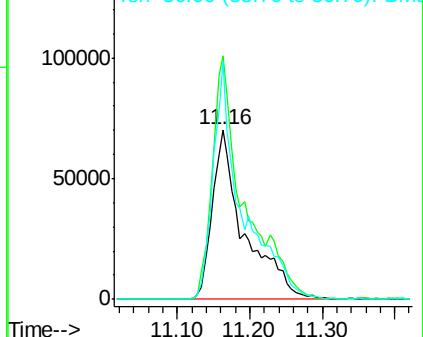
56 139.8 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 36.97 ng

RT: 11.50 min Scan# 1465

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

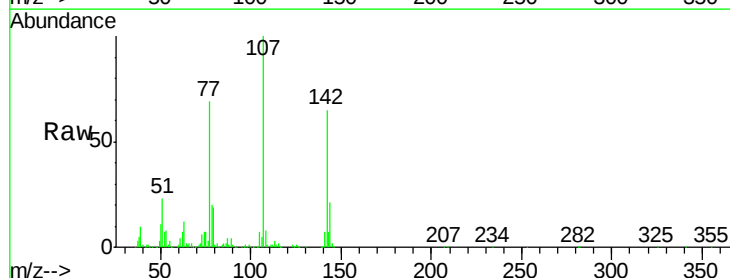
Tgt Ion:107 Resp: 966921

Ion Ratio Lower Upper

107 100

144 21.0 23.3 34.9#

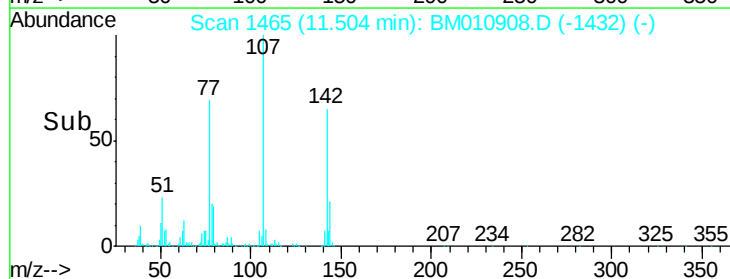
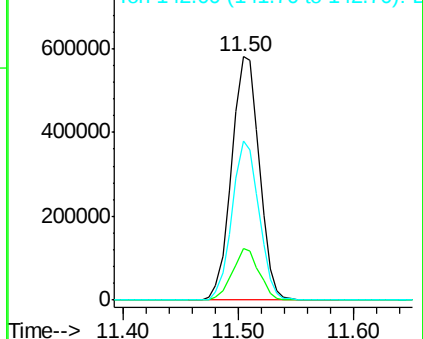
142 65.2 72.6 109.0#

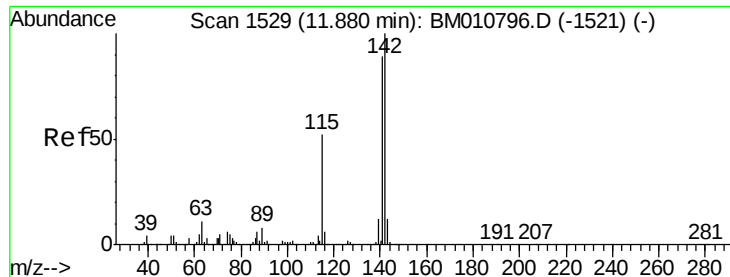


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

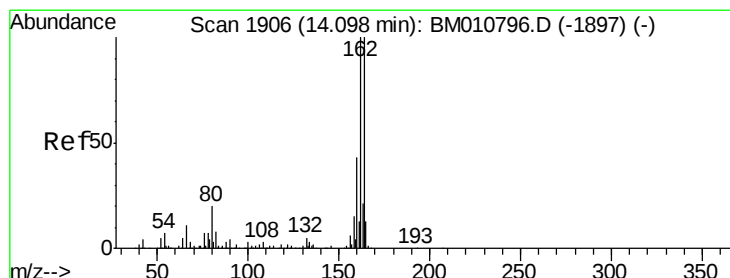
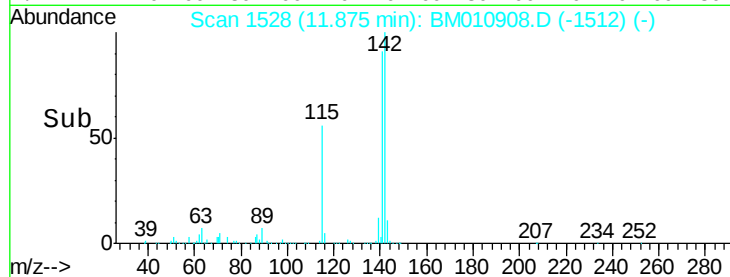
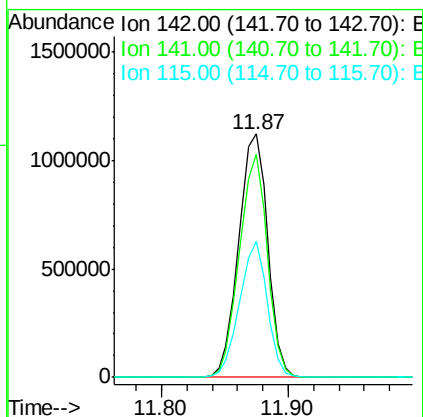
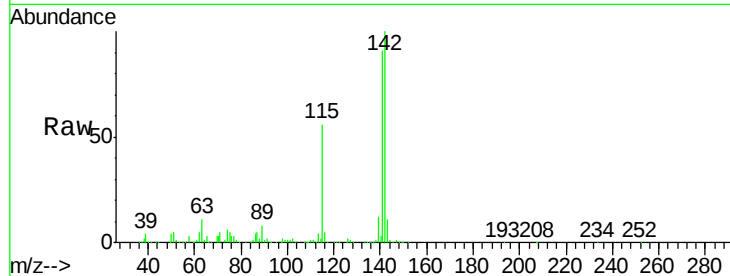




#37  
2-Methylnaphthalene  
Concen: 40.42 ng  
RT: 11.87 min Scan# 1528  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

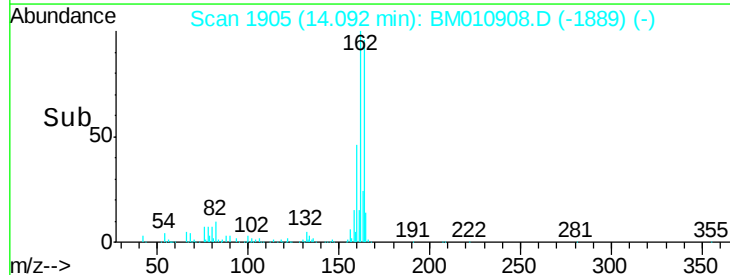
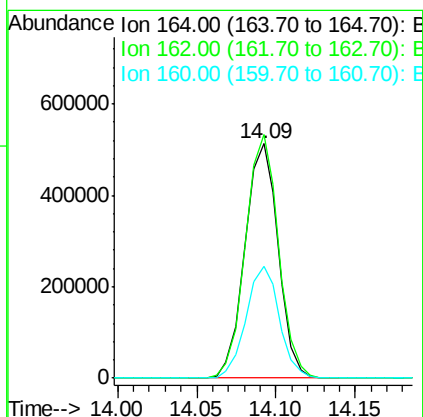
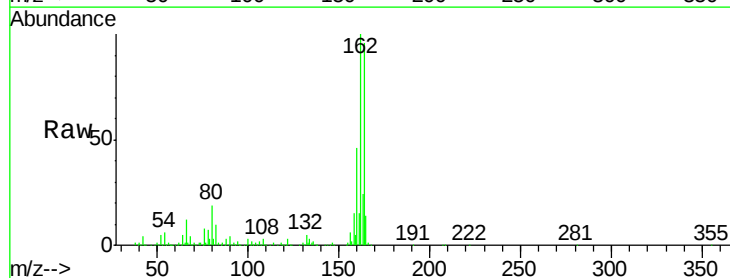
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

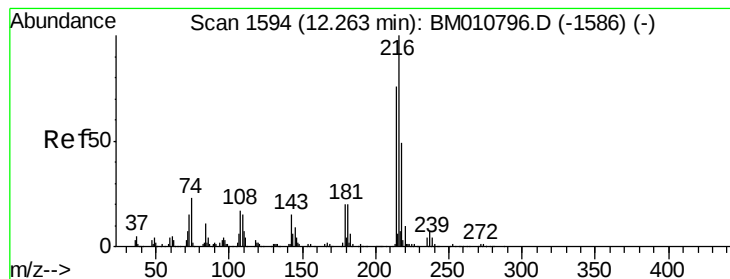
Tgt Ion:142 Resp: 1784385  
Ion Ratio Lower Upper  
142 100  
141 91.4 71.9 107.9  
115 55.8 25.4 38.0#



#38  
Acenaphthene-d10  
Concen: 20.00 ng  
RT: 14.09 min Scan# 1905  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:164 Resp: 746264  
Ion Ratio Lower Upper  
164 100  
162 104.0 82.4 123.6  
160 47.5 35.8 53.6





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.26 ng

RT: 12.26 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

Tgt Ion:216 Resp: 1244648

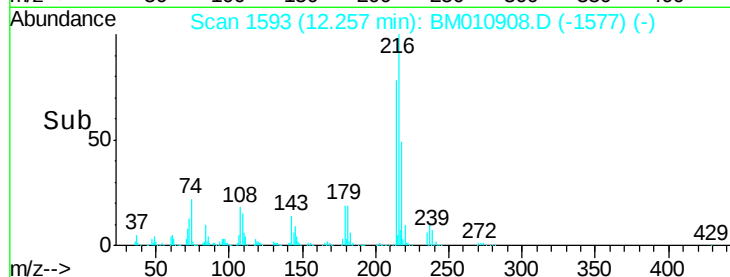
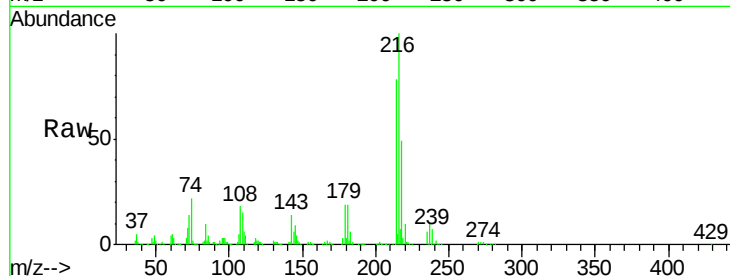
Ion Ratio Lower Upper

216 100

214 78.0 0.0 0.0#

179 20.7 0.0 0.0#

108 24.4 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-->

12.26

800000

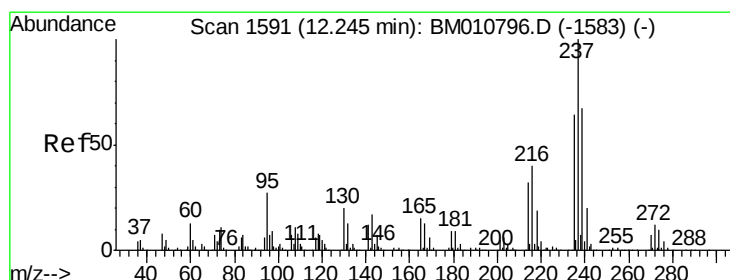
600000

400000

200000

0

12.20 12.30



#40

Hexachlorocyclopentadiene

Concen: 106.20 ng

RT: 12.23 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

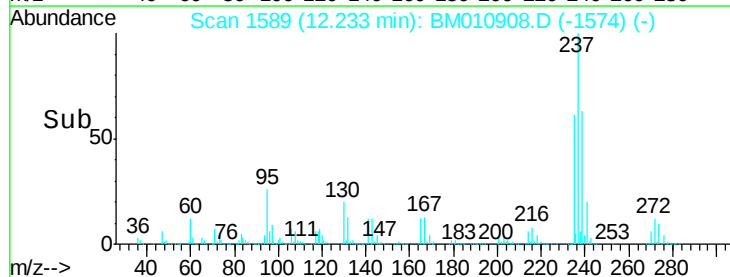
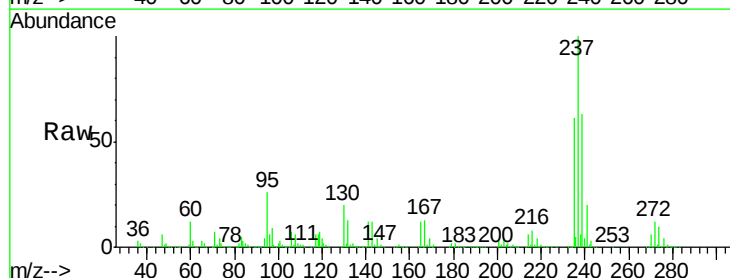
Tgt Ion:237 Resp: 1980417

Ion Ratio Lower Upper

237 100

235 60.9 42.0 82.0

272 12.4 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-->

12.23

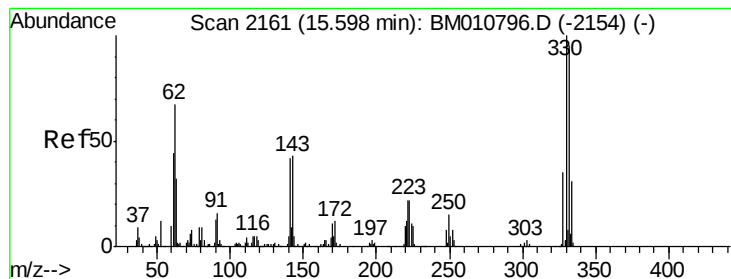
1500000

1000000

500000

0

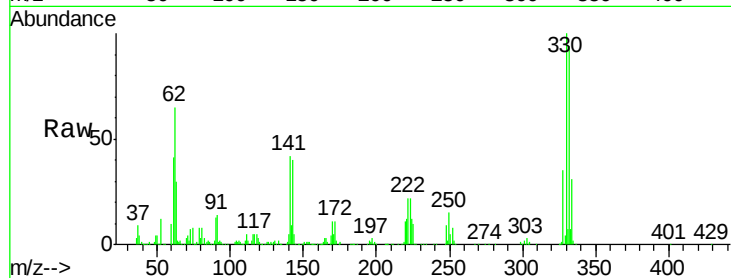
12.15 12.20 12.25 12.30



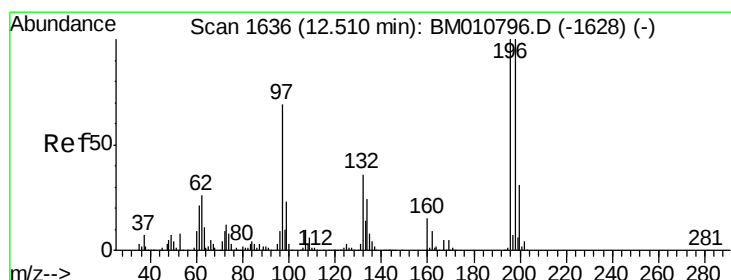
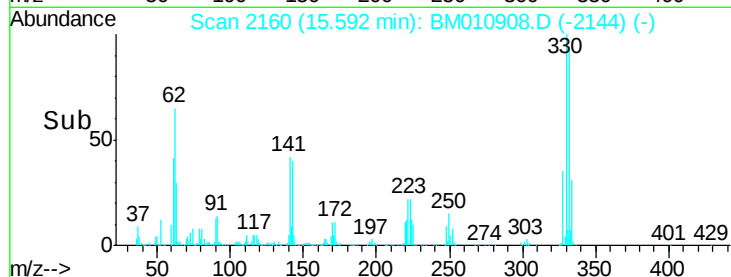
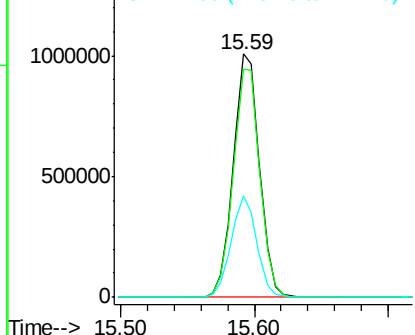
#41  
 2,4,6-Tribromophenol  
 Concen: 120.98 ng  
 RT: 15.59 min Scan# 2160  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

Tgt Ion:330 Resp: 1379685  
 Ion Ratio Lower Upper  
 330 100  
 332 95.2 0.0 0.0#  
 141 40.8 0.0 0.0#

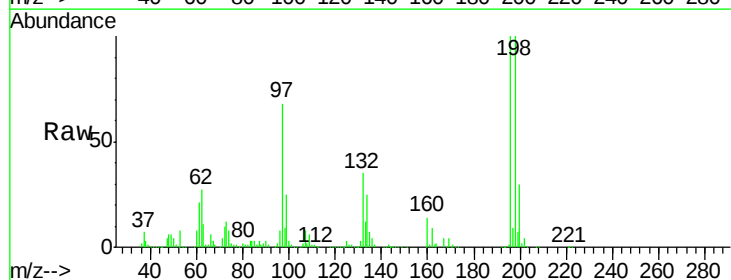


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

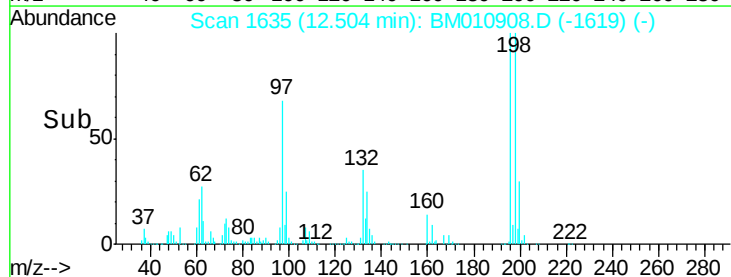
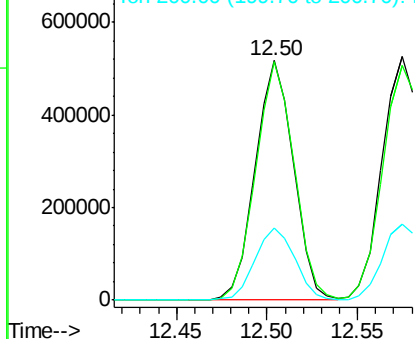


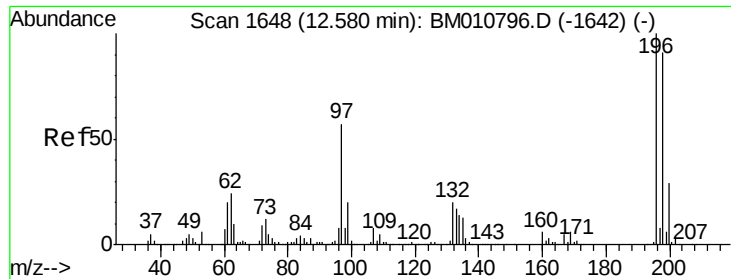
#42  
 2,4,6-Trichlorophenol  
 Concen: 37.93 ng  
 RT: 12.50 min Scan# 1635  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:196 Resp: 759791  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 76.3 114.5  
 200 30.3 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

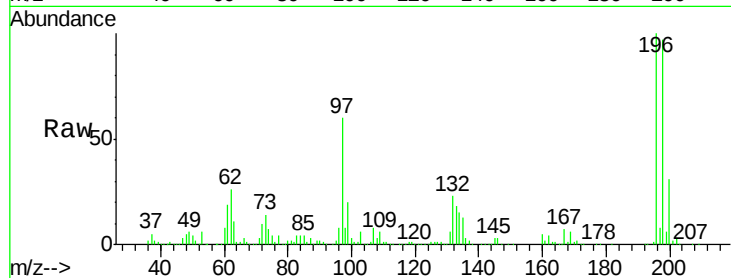




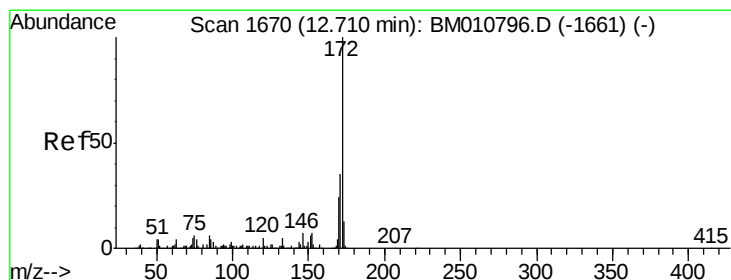
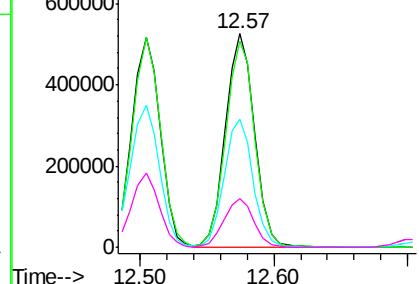
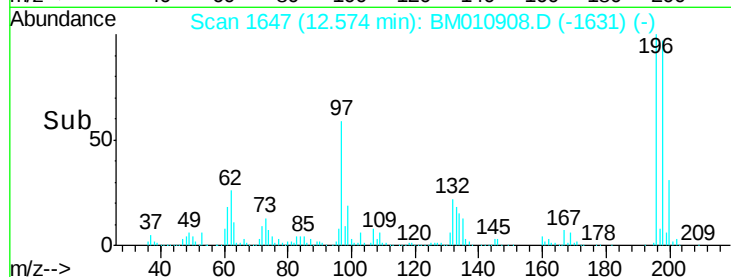
#43  
2,4,5-Trichlorophenol  
Concen: 40.34 ng  
RT: 12.57 min Scan# 1647  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

Tgt Ion:196 Resp: 797749  
Ion Ratio Lower Upper  
196 100  
198 96.5 79.4 119.0  
97 59.7 26.8 40.2#  
132 22.7 18.6 28.0

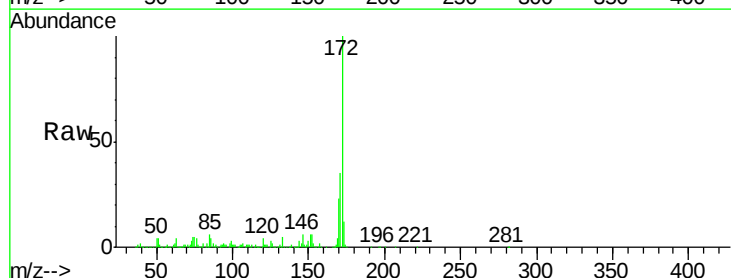


Abundance Ion 196.00 (195.70 to 196.70): E  
Ion 198.00 (197.70 to 198.70): E  
Ion 97.00 (96.70 to 97.70): BM  
Ion 132.00 (131.70 to 132.70): E

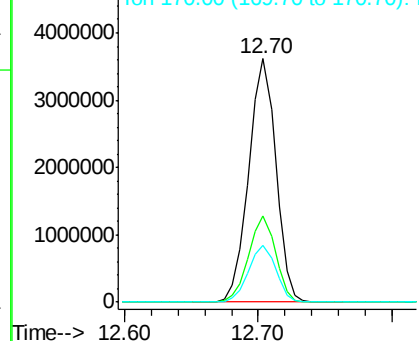
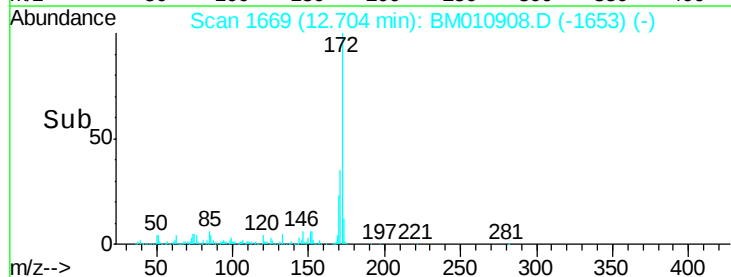


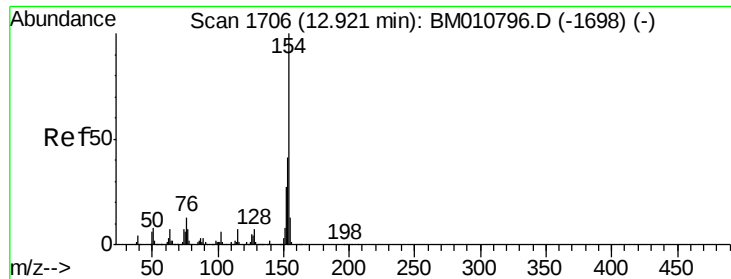
#44  
2-Fluorobiphenyl  
Concen: 84.23 ng  
RT: 12.70 min Scan# 1669  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:172 Resp: 5052529  
Ion Ratio Lower Upper  
172 100  
171 35.5 28.5 42.7  
170 23.2 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

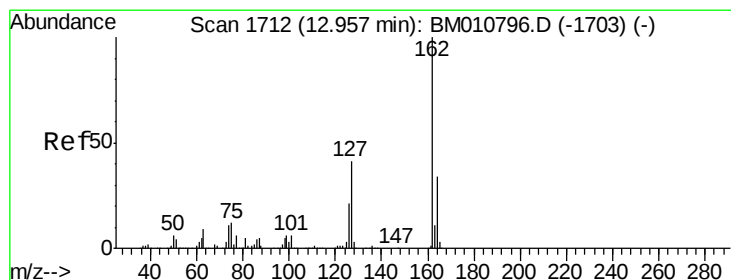
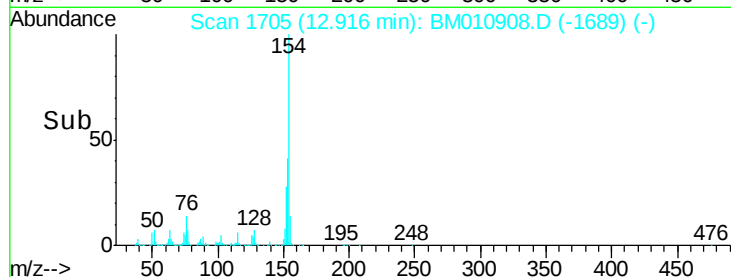
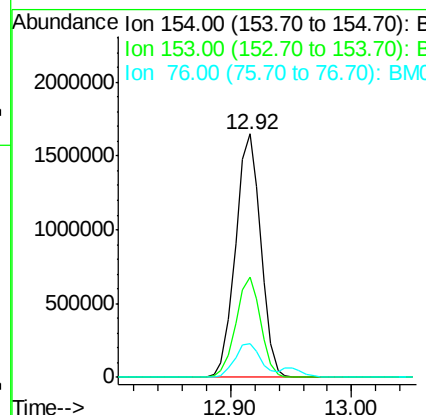
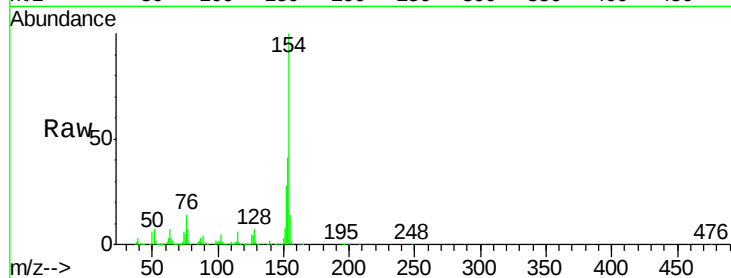




#45  
 1,1'-Biphenyl  
 Concen: 36.82 ng  
 RT: 12.92 min Scan# 1705  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

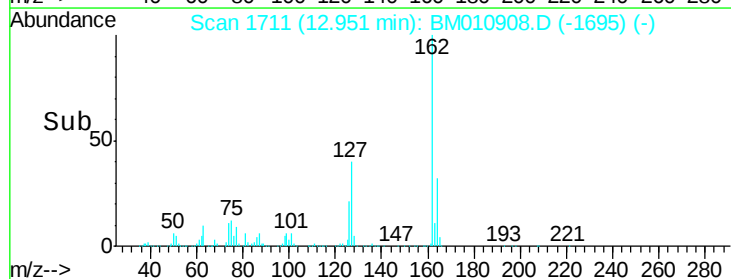
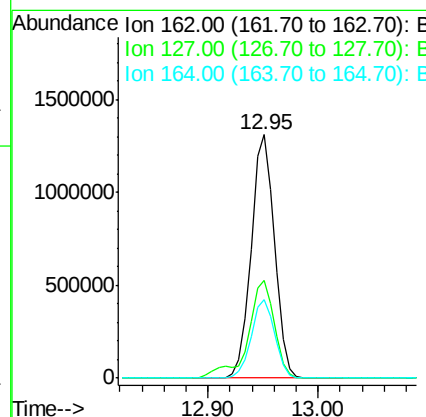
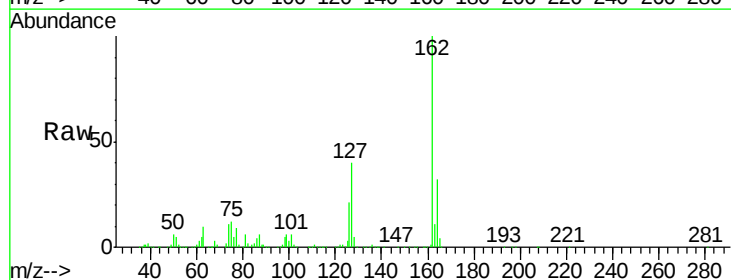
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

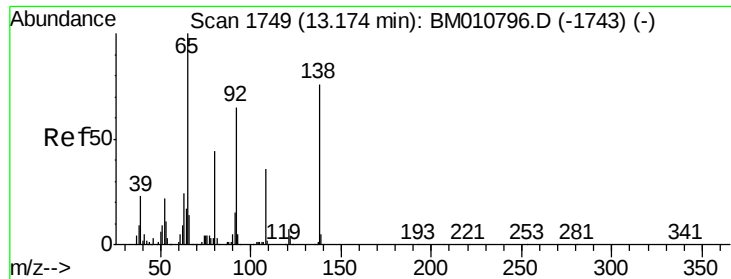
Tgt Ion:154 Resp: 2394004  
 Ion Ratio Lower Upper  
 154 100  
 153 41.2 20.7 60.7  
 76 13.7 0.0 30.9



#46  
 2-Chloronaphthalene  
 Concen: 40.75 ng  
 RT: 12.95 min Scan# 1711  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:162 Resp: 1942553  
 Ion Ratio Lower Upper  
 162 100  
 127 40.1 26.9 40.3  
 164 32.4 26.8 40.2





#47

2-Nitroaniline

Concen: 42.41 ng

RT: 13.17 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

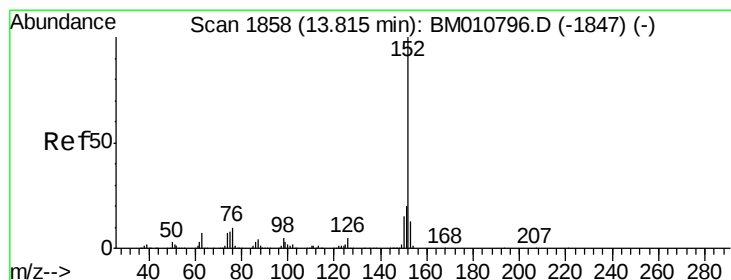
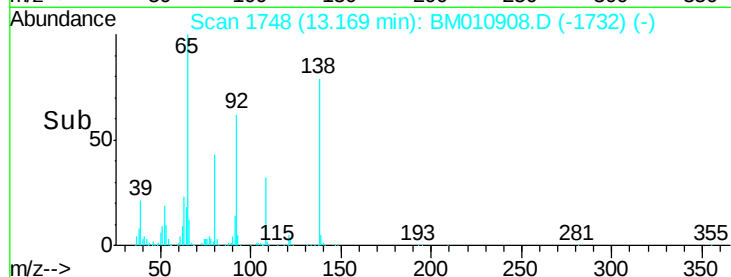
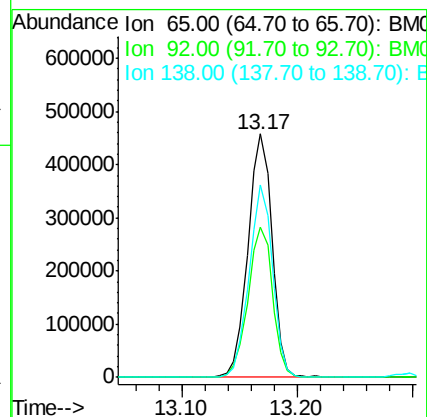
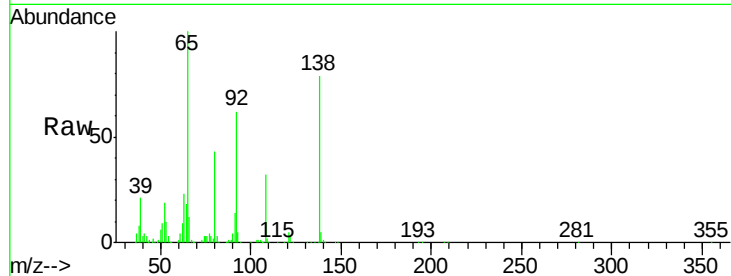
Tgt Ion: 65 Resp: 664638

Ion Ratio Lower Upper

65 100

92 61.9 59.1 88.7

138 79.3 93.9 140.9#



#48

Acenaphthylene

Concen: 39.84 ng

RT: 13.81 min Scan# 1857

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

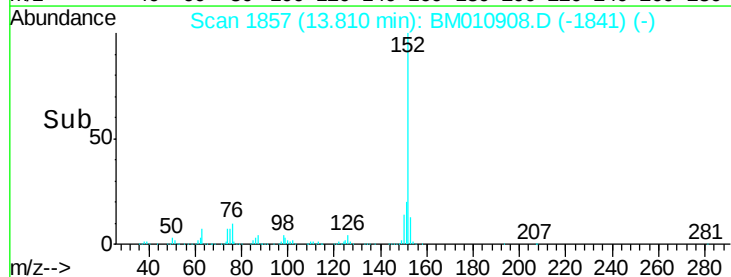
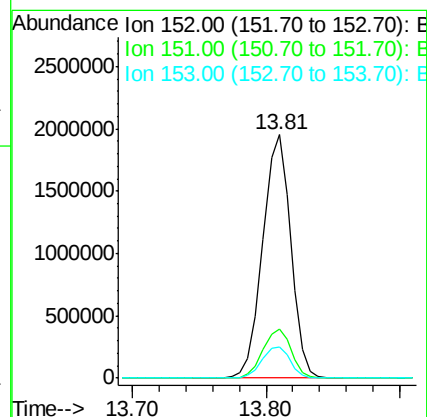
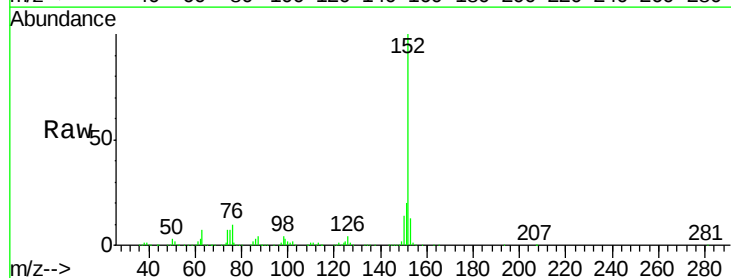
Tgt Ion: 152 Resp: 2824749

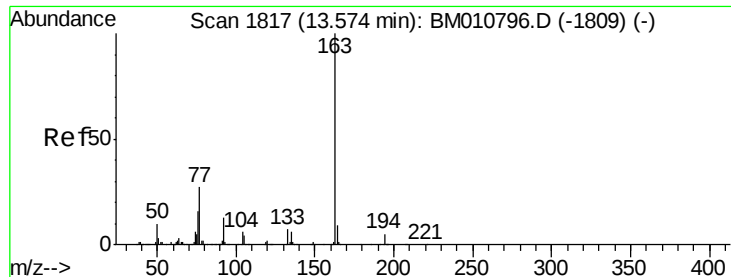
Ion Ratio Lower Upper

152 100

151 20.1 15.9 23.9

153 12.9 10.6 16.0





#49

Dimethylphthalate

Concen: 37.33 ng

RT: 13.57 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

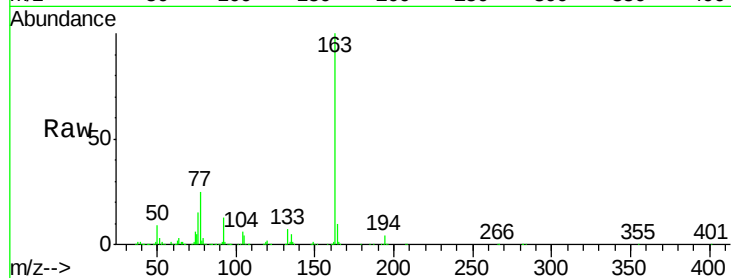
Tgt Ion:163 Resp: 2369837

Ion Ratio Lower Upper

163 100

194 4.3 2.7 4.1#

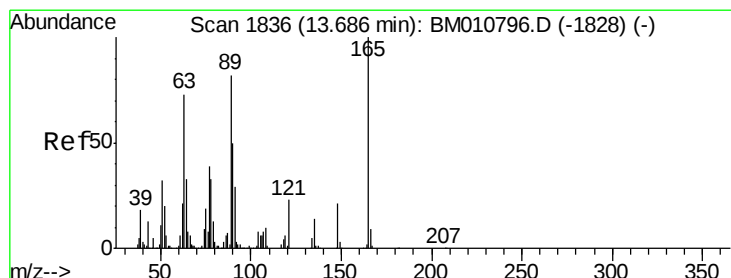
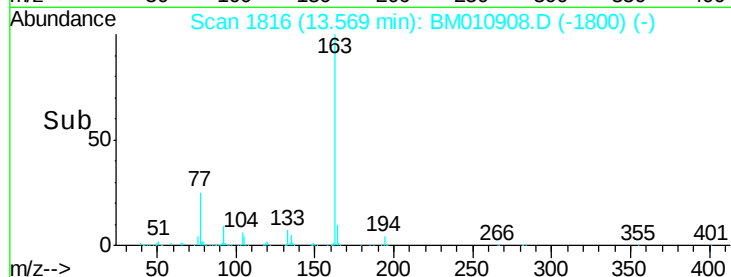
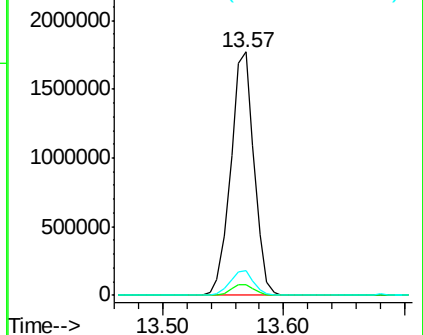
164 10.2 8.2 12.2



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: 40.37 ng

RT: 13.68 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

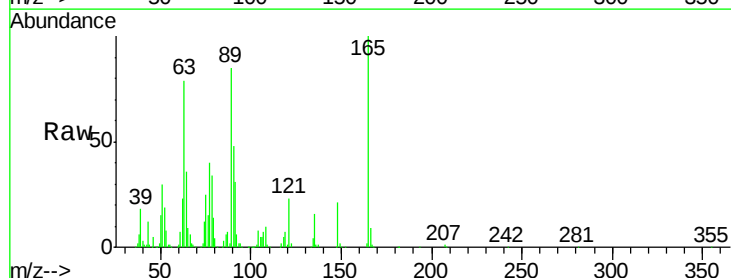
Tgt Ion:165 Resp: 502713

Ion Ratio Lower Upper

165 100

63 79.3 44.1 66.1#

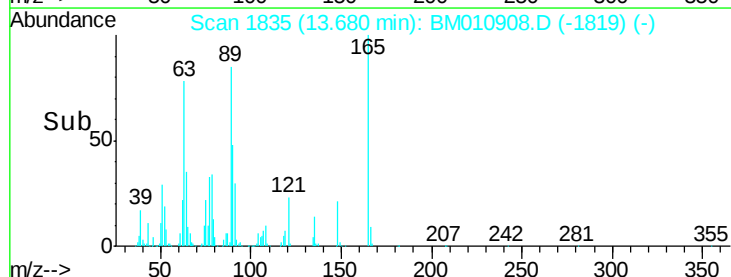
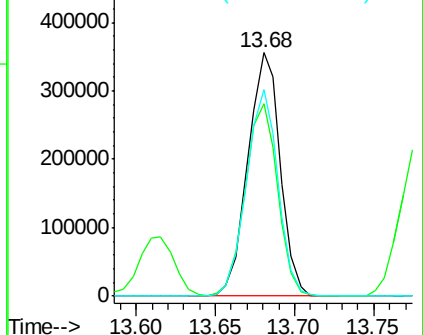
89 84.7 44.3 66.5#

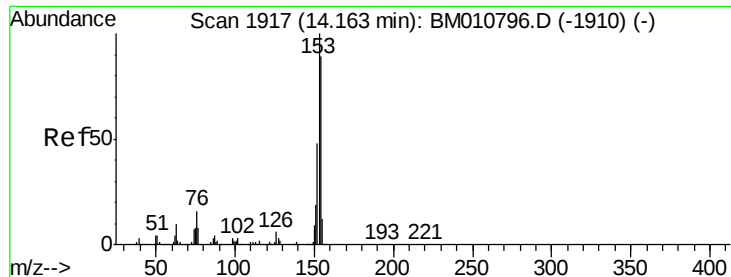


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 38.97 ng

RT: 14.16 min Scan# 1916

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

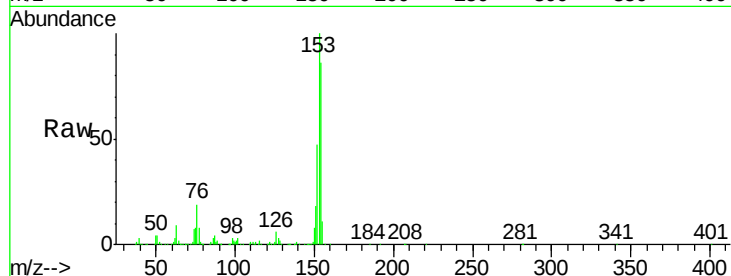
Tgt Ion:154 Resp: 1688479

Ion Ratio Lower Upper

154 100

153 116.0 90.0 135.0

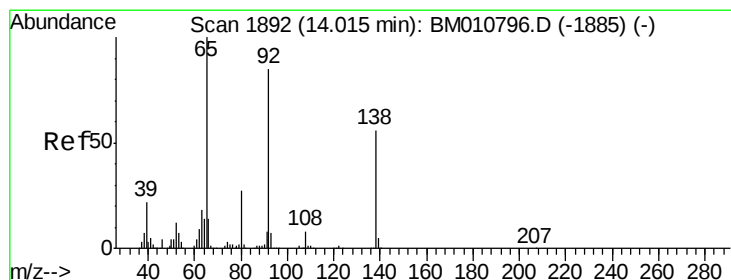
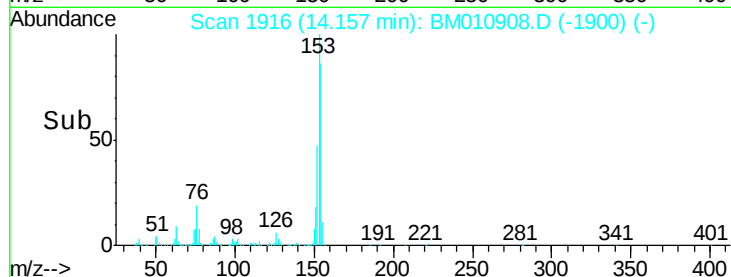
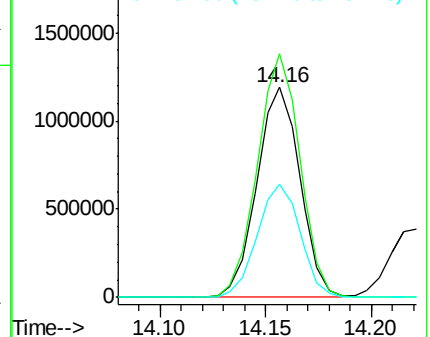
152 54.2 42.6 63.8



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: 29.92 ng

RT: 14.01 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

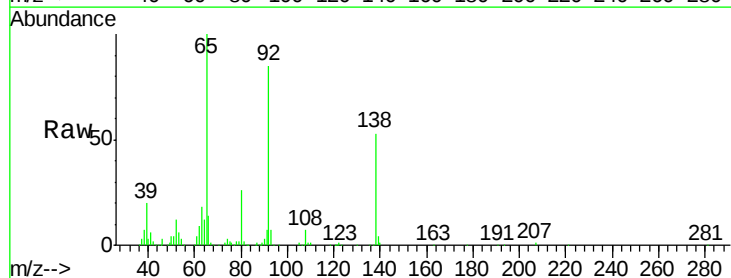
Tgt Ion:138 Resp: 338668

Ion Ratio Lower Upper

138 100

108 13.5 7.3 10.9#

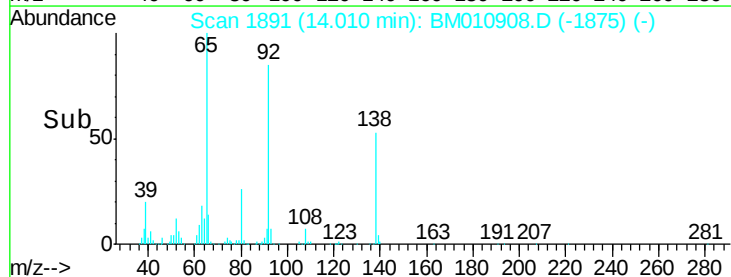
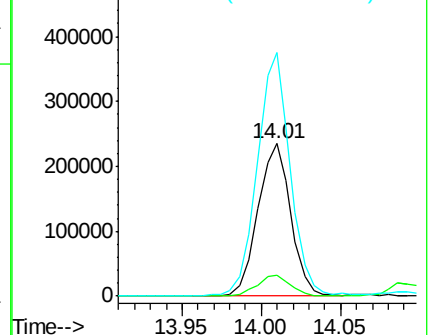
92 159.8 76.6 114.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

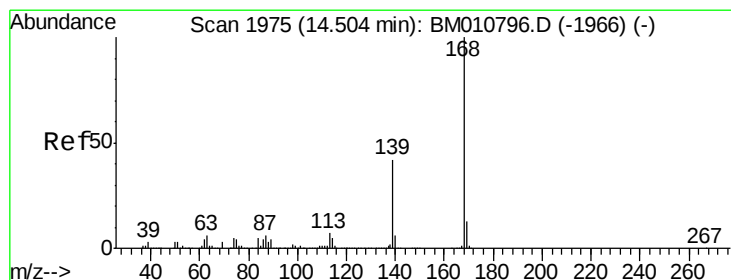
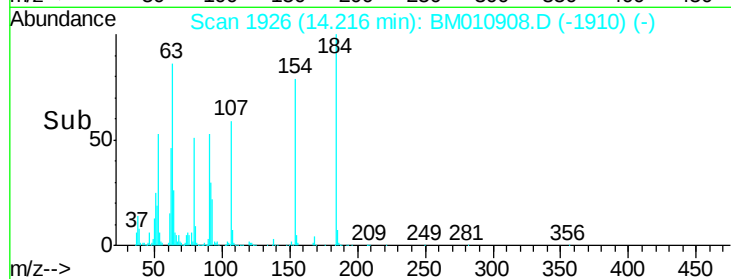
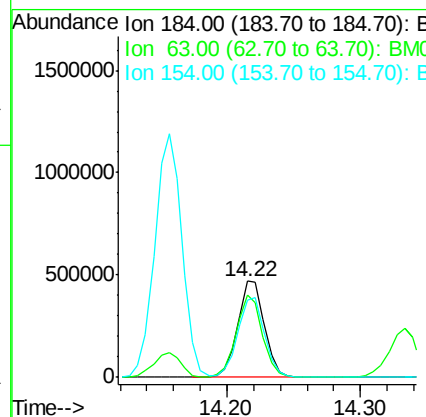
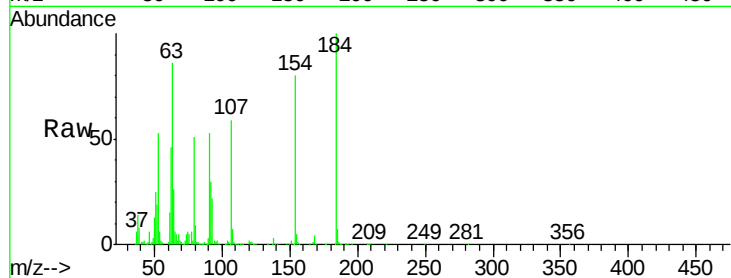




#53  
2,4-Dinitrophenol  
Concen: 76.58 ng  
RT: 14.22 min Scan# 1926  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

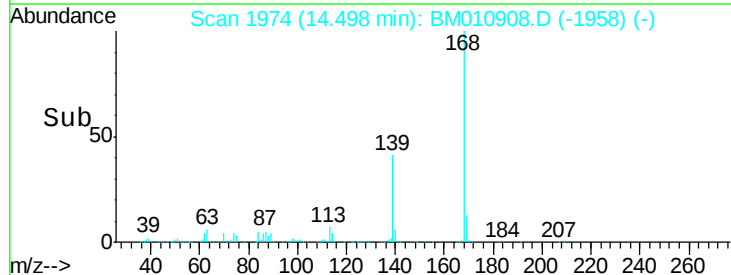
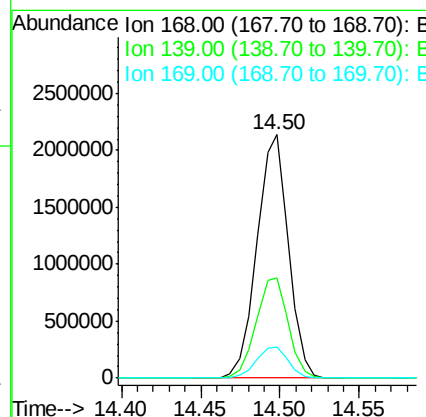
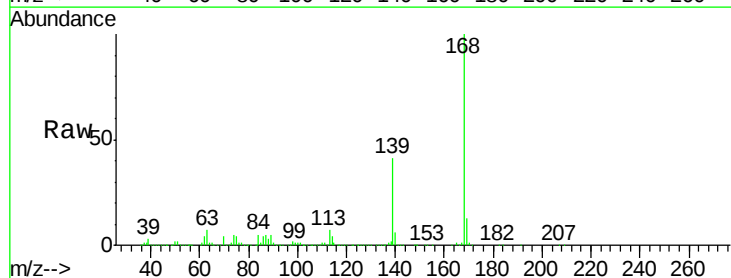
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

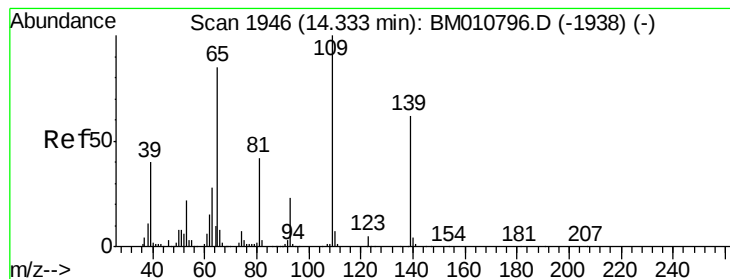
Tgt Ion:184 Resp: 659252  
Ion Ratio Lower Upper  
184 100  
63 86.5 69.2 103.8  
154 79.9 53.3 79.9



#54  
Dibenzofuran  
Concen: 42.01 ng  
RT: 14.50 min Scan# 1974  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:168 Resp: 2944274  
Ion Ratio Lower Upper  
168 100  
139 41.1 27.3 40.9#  
169 13.0 10.6 16.0





#55

4-Nitrophenol

Concen: 69.94 ng

RT: 14.33 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

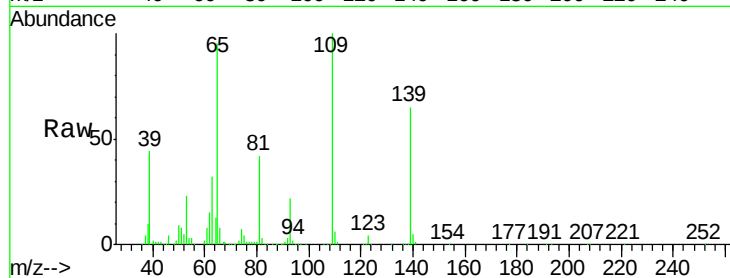
Tgt Ion:139 Resp: 687632

Ion Ratio Lower Upper

139 100

109 153.9 37.7 77.7#

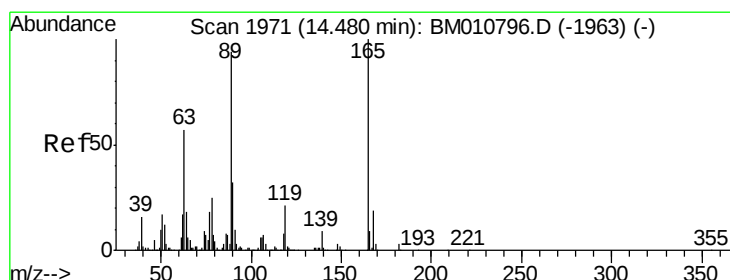
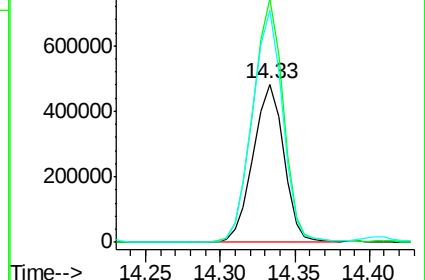
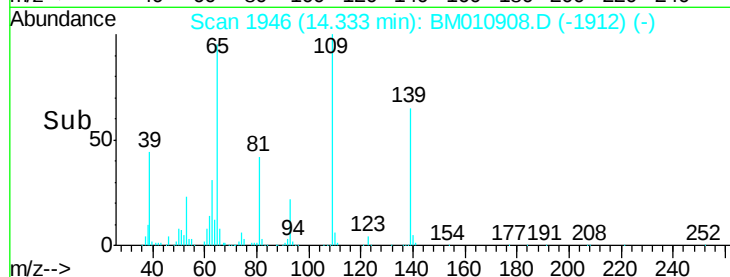
65 146.8 49.9 89.9#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 39.26 ng

RT: 14.47 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Tgt Ion:165 Resp: 678453

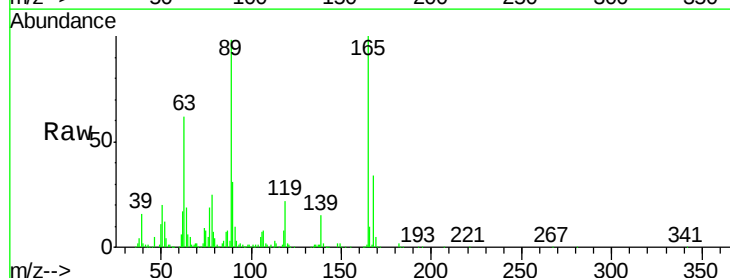
Ion Ratio Lower Upper

165 100

63 61.7 52.4 78.6

89 98.0 72.4 108.6

182 2.5 2.0 3.0

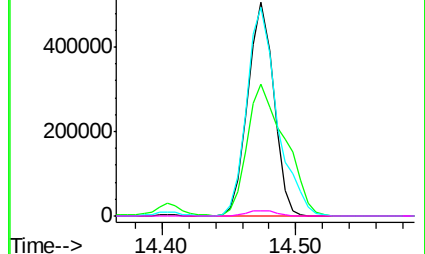
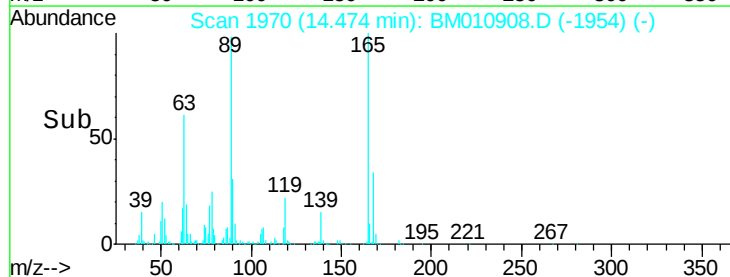


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 38.61 ng

RT: 15.15 min Scan# 2085

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

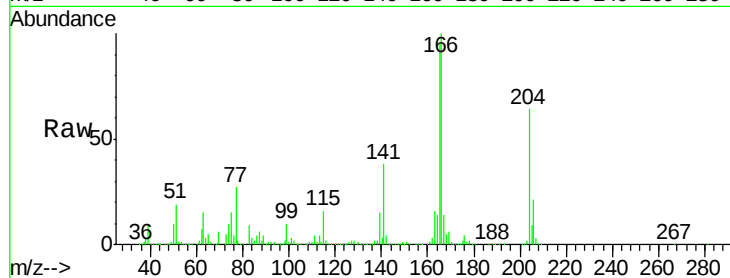
Tgt Ion:166 Resp: 2325939

Ion Ratio Lower Upper

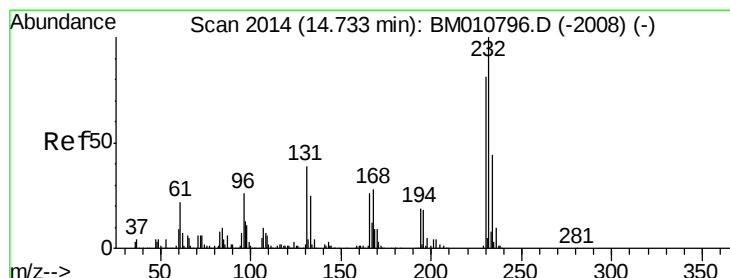
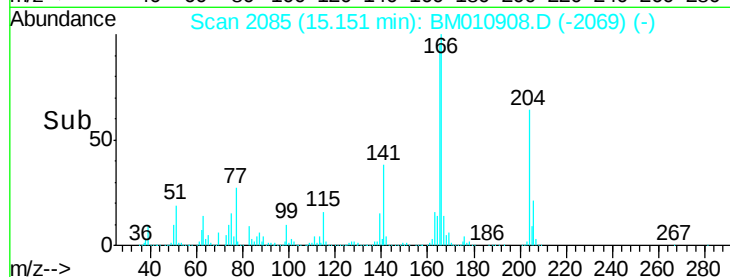
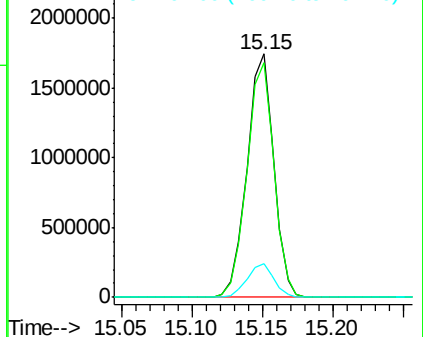
166 100

165 96.3 79.0 118.4

167 14.0 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E  
Ion 165.00 (164.70 to 165.70): E  
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 43.01 ng

RT: 14.73 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Tgt Ion:232 Resp: 790221

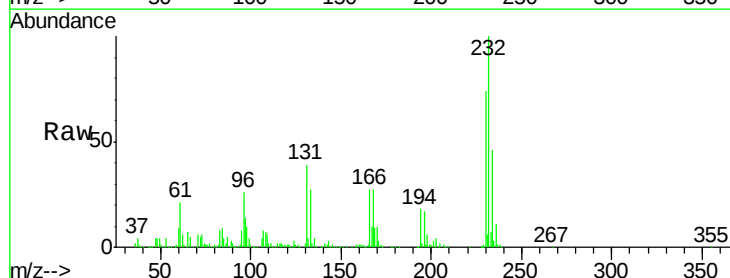
Ion Ratio Lower Upper

232 100

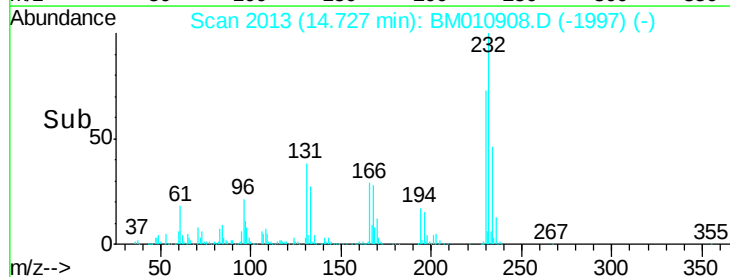
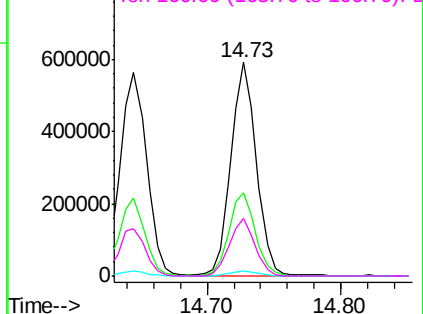
131 39.9 0.0 0.0#

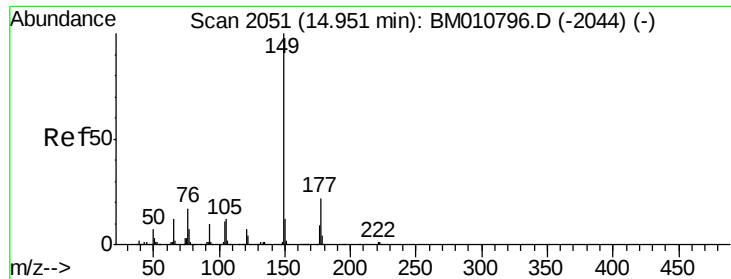
130 2.7 0.0 0.0#

166 26.6 0.0 0.0#



Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

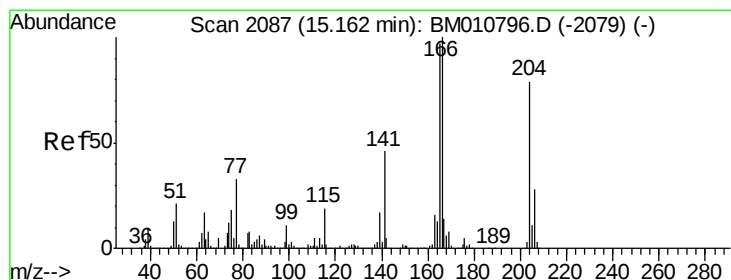
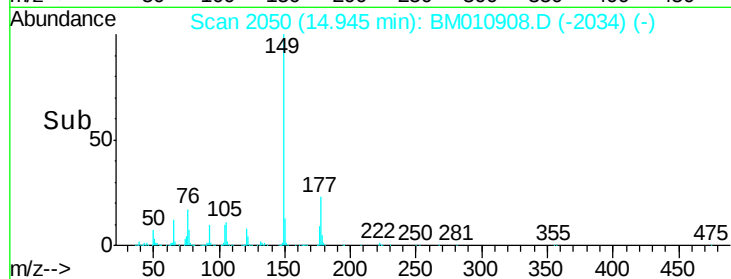
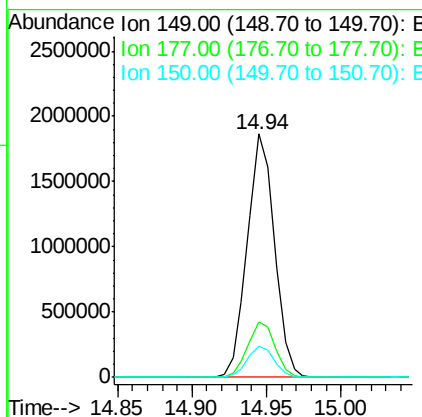
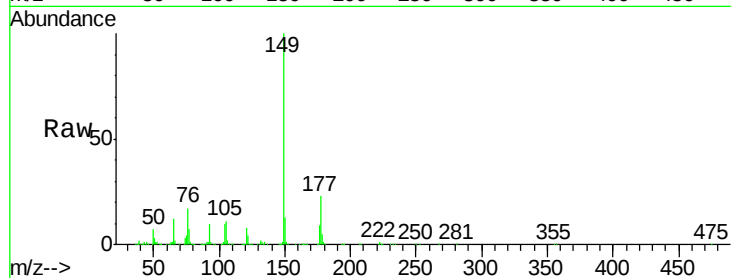




#59  
Diethylphthalate  
Concen: 37.48 ng  
RT: 14.94 min Scan# 2050  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

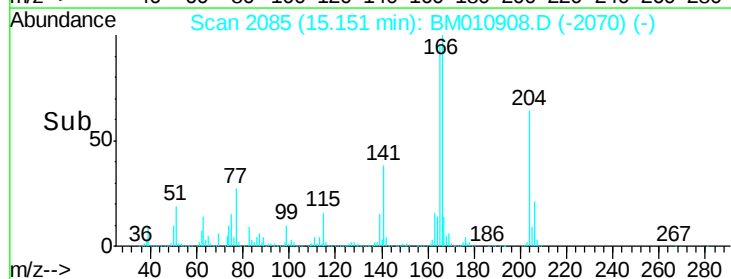
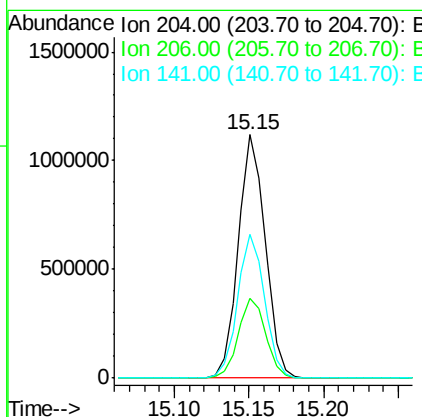
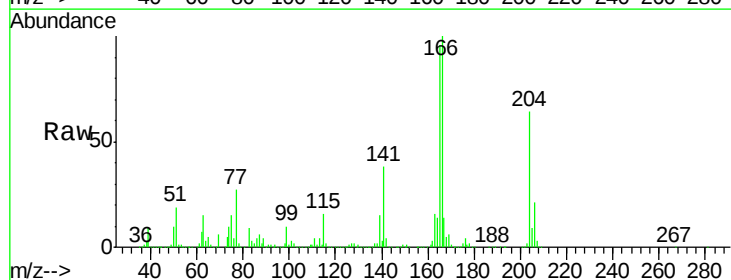
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

Tgt Ion:149 Resp: 2349789  
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: 38.07 ng  
RT: 15.15 min Scan# 2085  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:204 Resp: 1408723  
Ion Ratio Lower Upper  
204 100  
206 32.9 26.6 39.8  
141 58.8 45.2 67.8

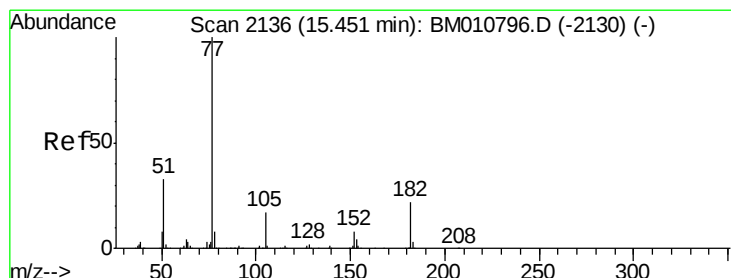
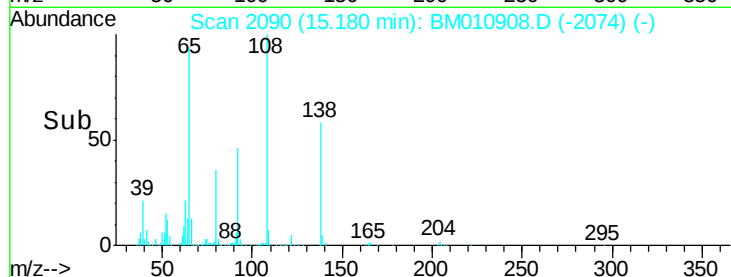
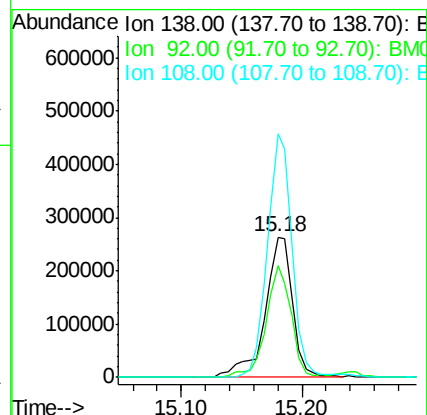
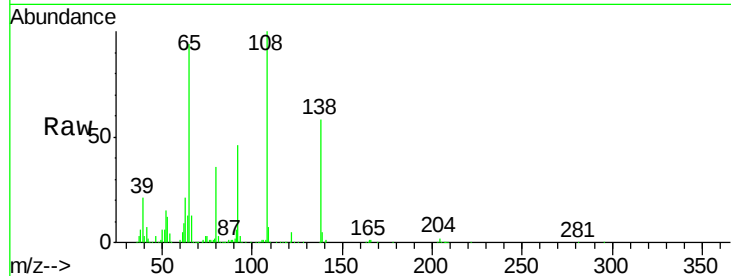




#61  
4-Nitroaniline  
Concen: 35.42 ng  
RT: 15.18 min Scan# 2090  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

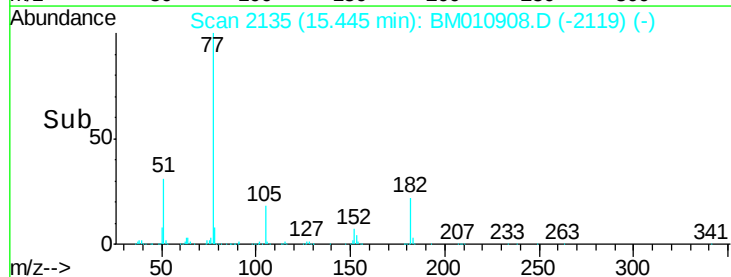
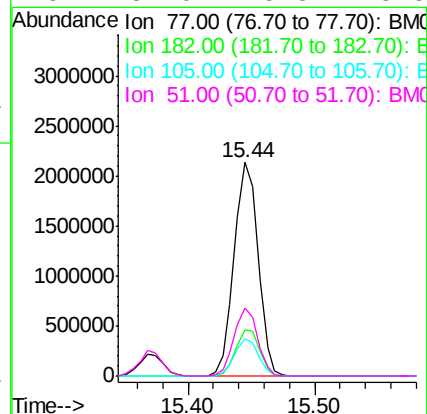
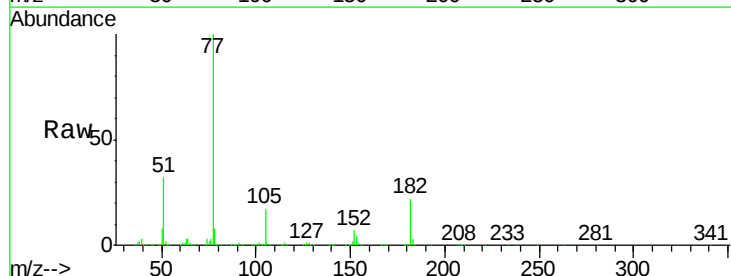
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

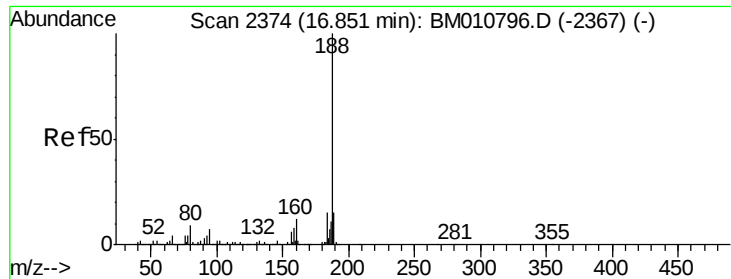
Tgt Ion:138 Resp: 419077  
Ion Ratio Lower Upper  
138 100  
92 79.5 16.7 56.7#  
108 173.5 37.6 77.6#



#62  
Azobenzene  
Concen: 43.72 ng  
RT: 15.44 min Scan# 2135  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 77 Resp: 2783285  
Ion Ratio Lower Upper  
77 100  
182 21.8 6.5 46.5  
105 17.4 3.8 43.8  
51 32.0 5.5 45.5

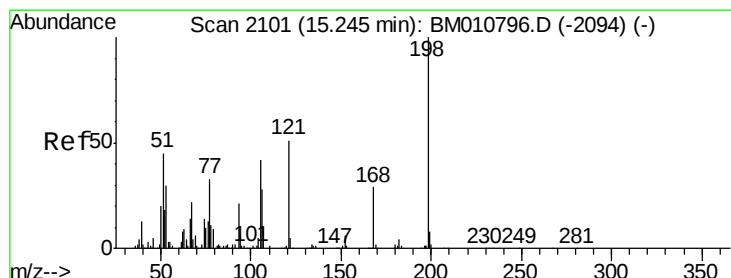
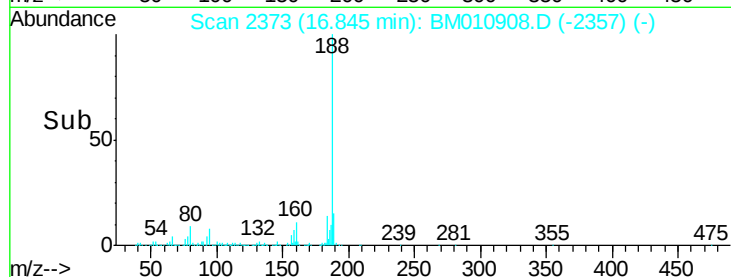
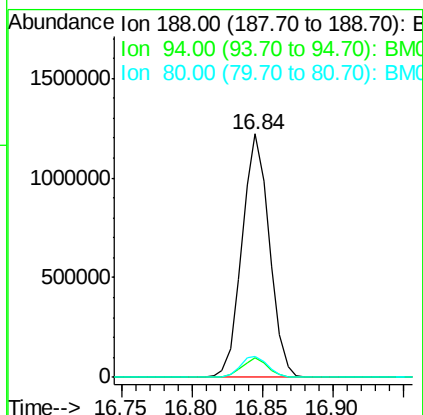
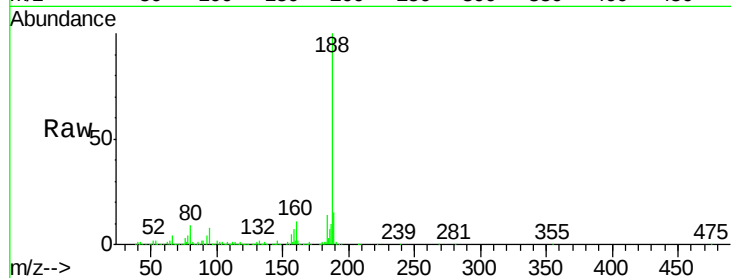




#63  
Phenanthrene-d10  
Concen: 20.00 ng  
RT: 16.84 min Scan# 2373  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

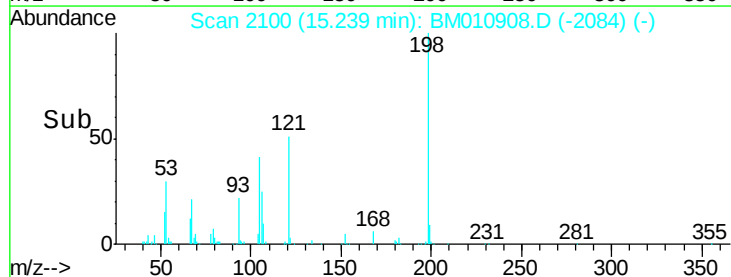
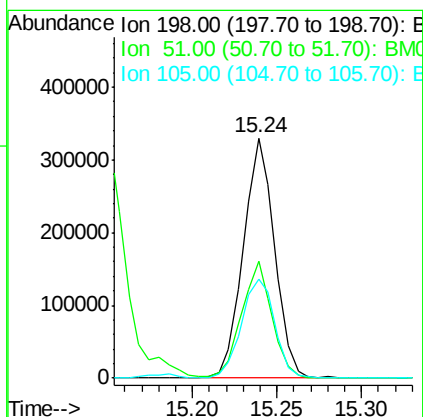
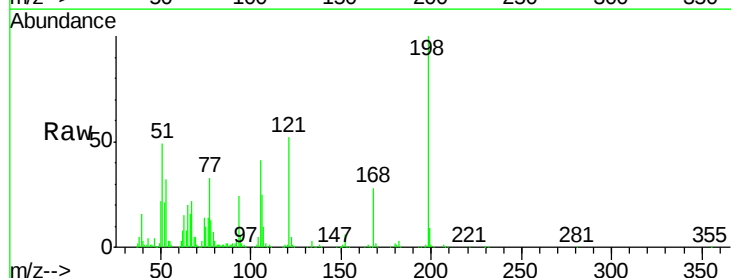
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

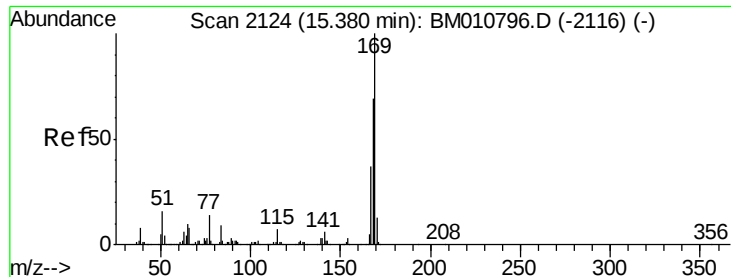
Tgt Ion:188 Resp: 1652178  
Ion Ratio Lower Upper  
188 100  
94 8.2 8.7 13.1#  
80 8.7 9.3 13.9#



#64  
4,6-Dinitro-2-methylphenol  
Concen: 39.10 ng  
RT: 15.24 min Scan# 2100  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:198 Resp: 425951  
Ion Ratio Lower Upper  
198 100  
51 48.8 28.8 68.8  
105 41.3 30.5 70.5

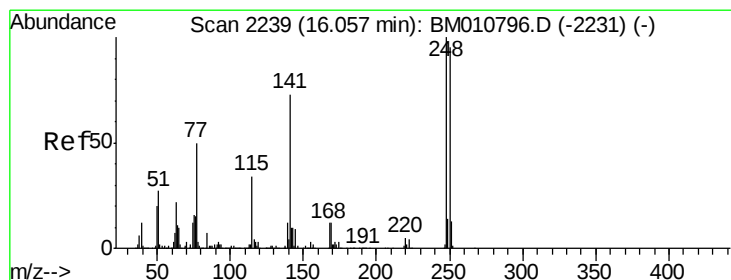
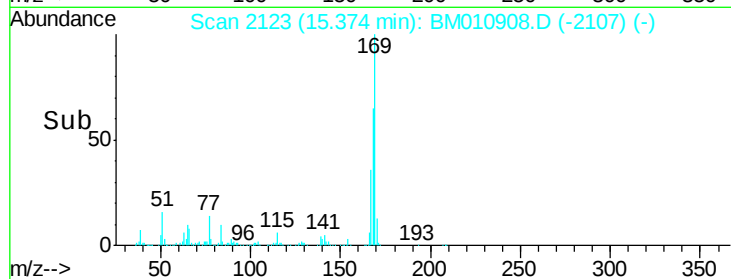
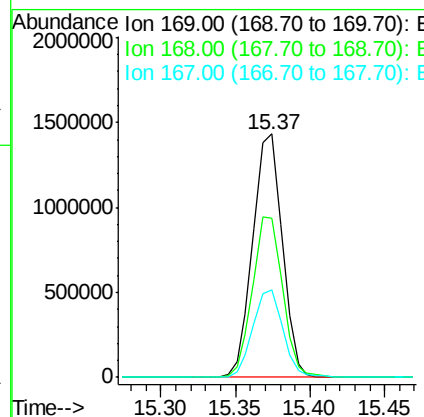
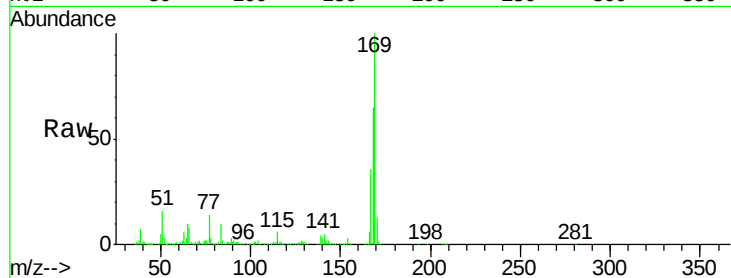




#65  
 n-Nitrosodiphenylamine  
 Concen: 41.38 ng  
 RT: 15.37 min Scan# 2123  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

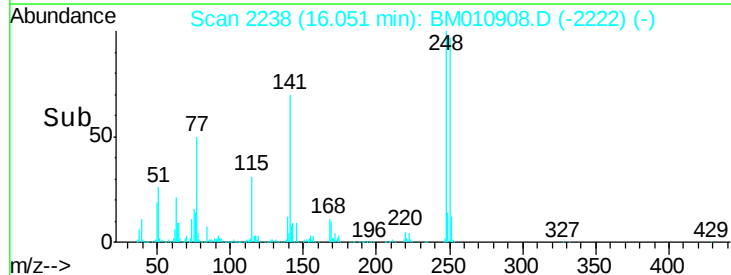
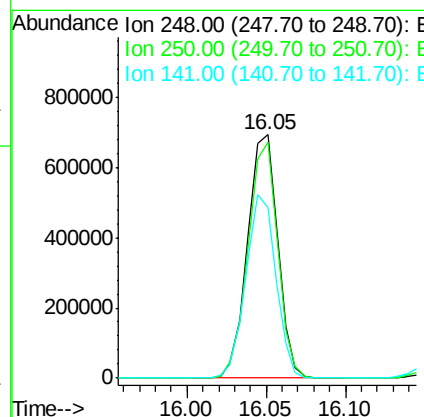
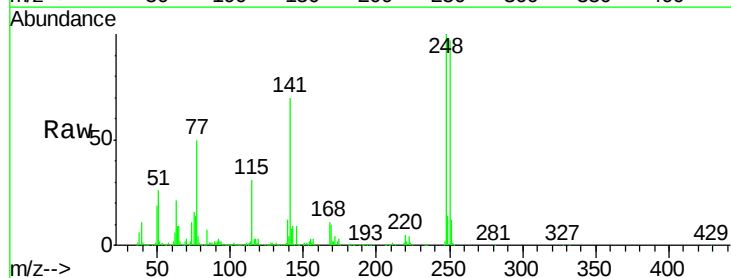
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

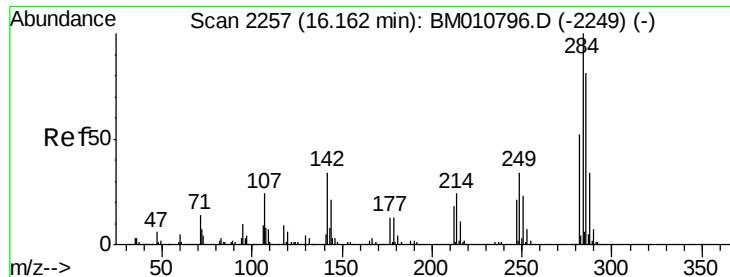
Tgt Ion:169 Resp: 1956171  
 Ion Ratio Lower Upper  
 169 100  
 168 65.5 53.9 80.9  
 167 35.9 28.9 43.3



#66  
 4-Bromophenyl-phenylether  
 Concen: 44.02 ng  
 RT: 16.05 min Scan# 2238  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:248 Resp: 921680  
 Ion Ratio Lower Upper  
 248 100  
 250 96.9 77.4 116.0  
 141 69.9 45.2 67.8#

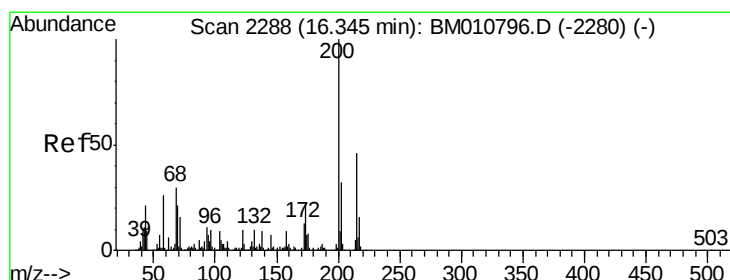
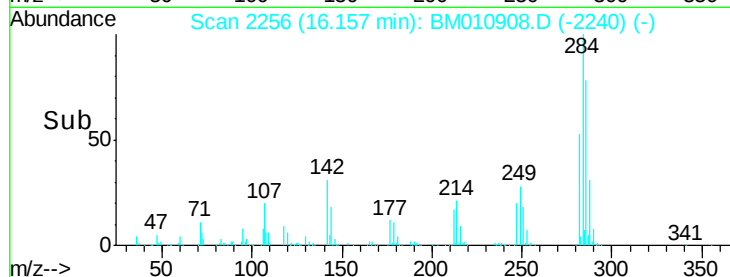
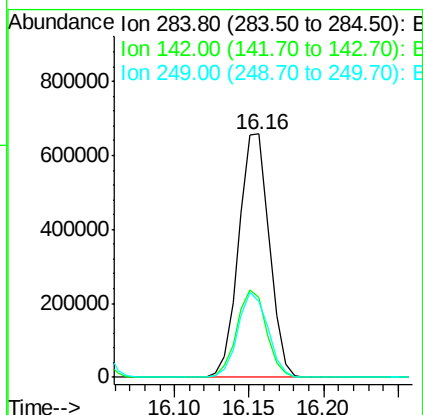
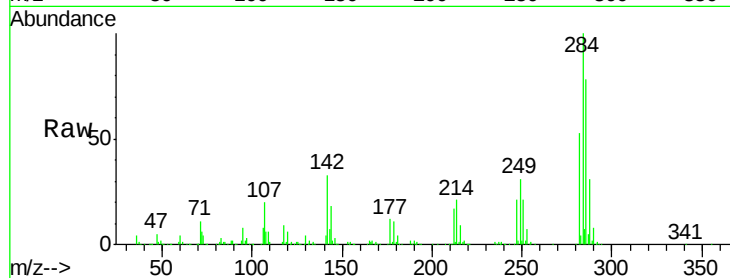




#67  
Hexachlorobenzene  
Concen: 39.07 ng  
RT: 16.16 min Scan# 2256  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

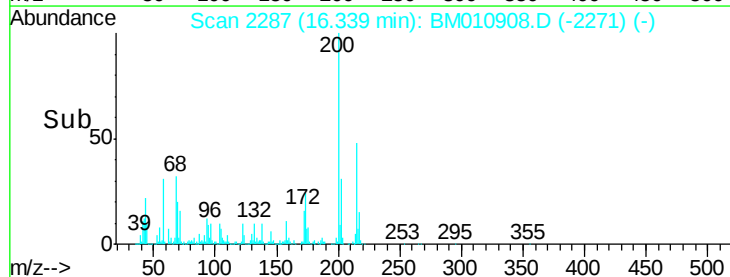
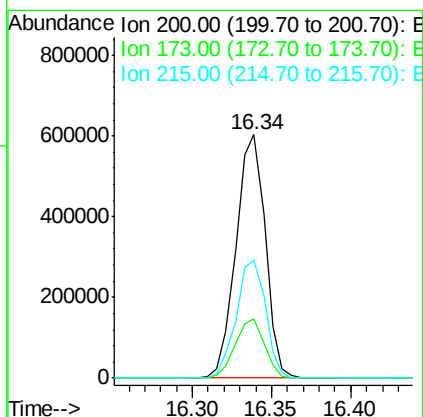
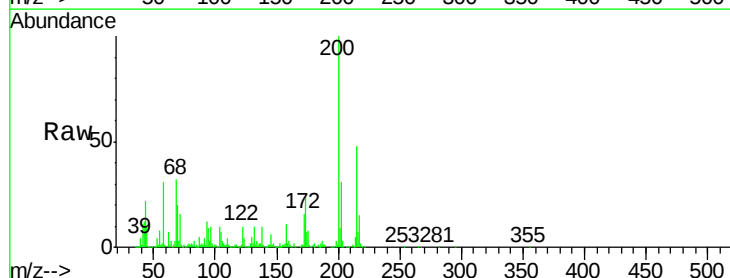
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

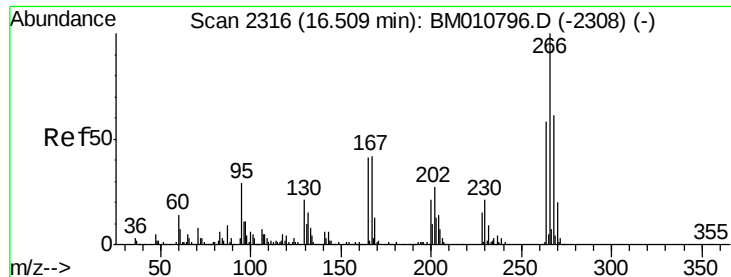
Tgt Ion: 284 Resp: 93526  
Ion Ratio Lower Upper  
284 100  
142 32.9 20.4 30.6#  
249 31.0 23.8 35.6



#68  
Atrazine  
Concen: 39.51 ng  
RT: 16.34 min Scan# 2287  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion: 200 Resp: 773460  
Ion Ratio Lower Upper  
200 100  
173 24.2 4.8 44.8  
215 48.4 26.9 66.9

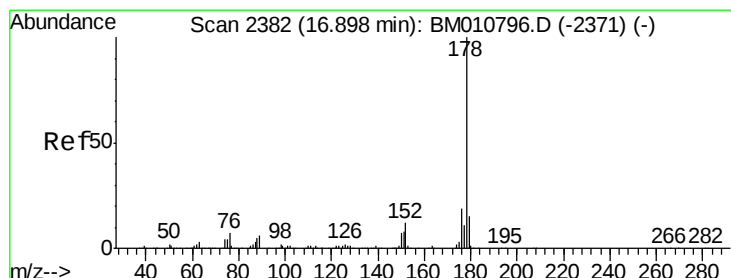
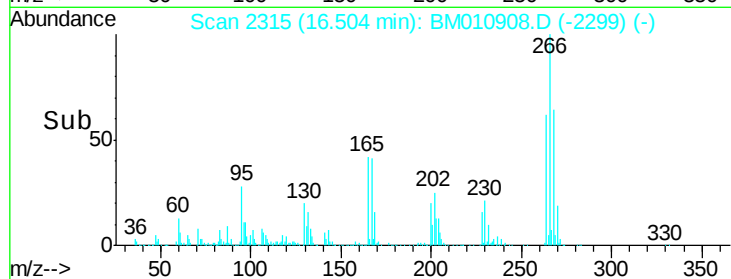
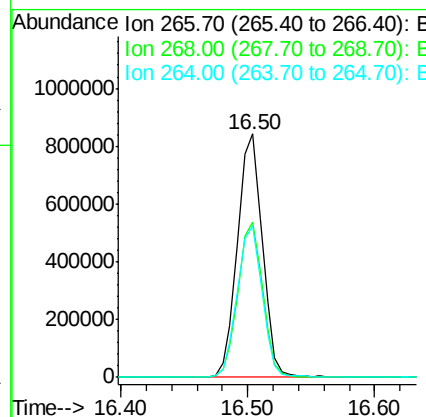
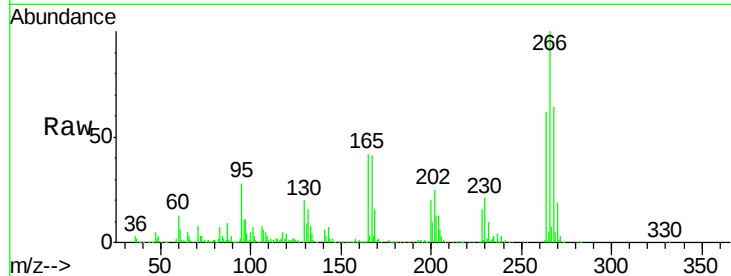




#69  
 Pentachlorophenol  
 Concen: 74.58 ng  
 RT: 16.50 min Scan# 2315  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

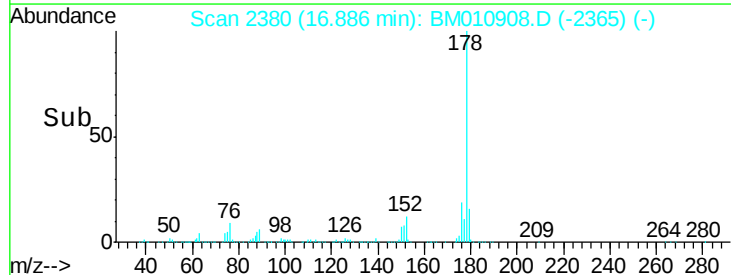
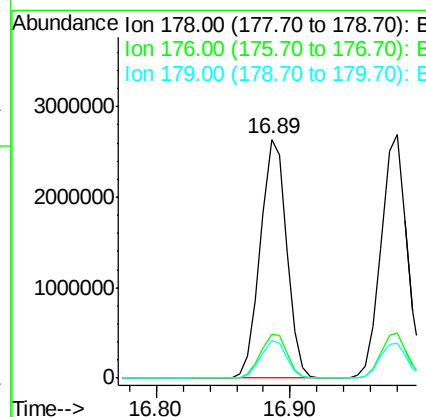
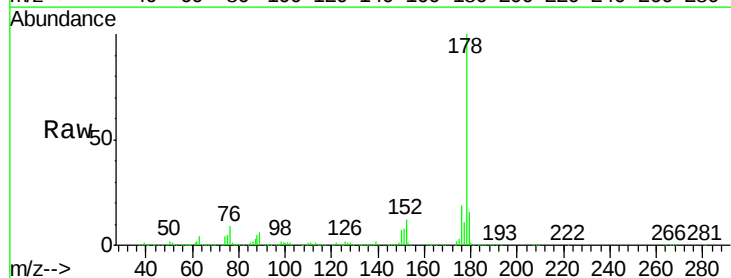
Instrument :  
 BNA\_M  
 ClientSampled :  
 IDOC-W-2

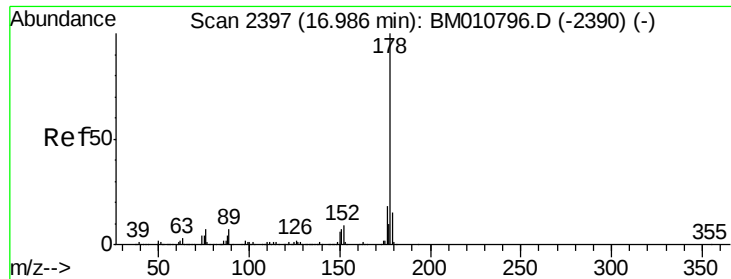
Tgt Ion:266 Resp: 1144644  
 Ion Ratio Lower Upper  
 266 100  
 268 63.8 52.0 78.0  
 264 62.0 49.0 73.4



#70  
 Phenanthrene  
 Concen: 41.59 ng  
 RT: 16.89 min Scan# 2380  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:178 Resp: 3575108  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 15.2 22.8  
 179 15.6 12.1 18.1

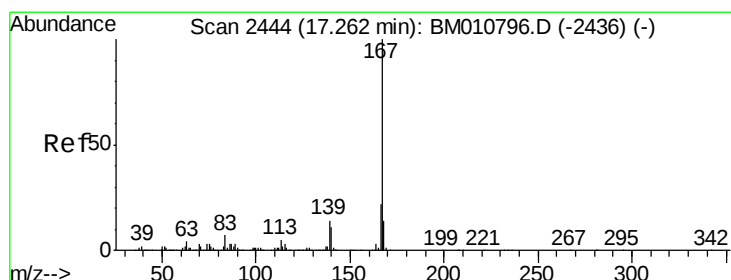
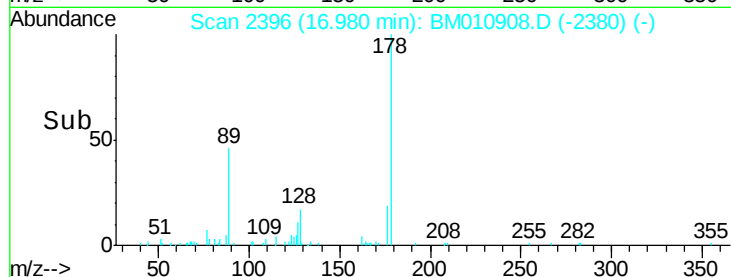
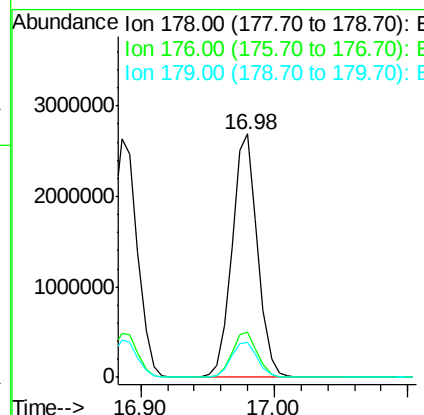
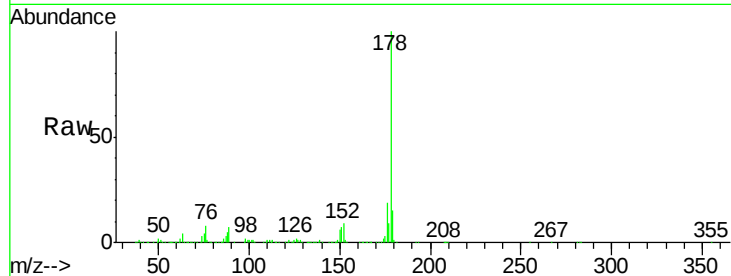




#71  
 Anthracene  
 Concen: 41.83 ng  
 RT: 16.98 min Scan# 2396  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

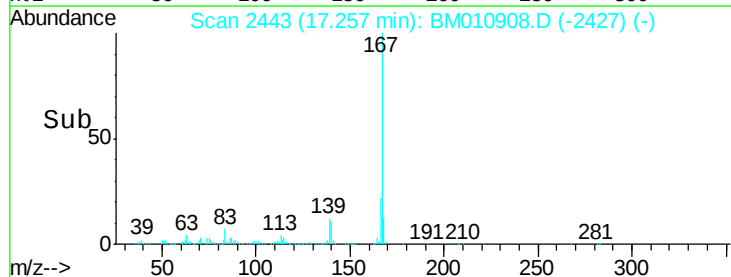
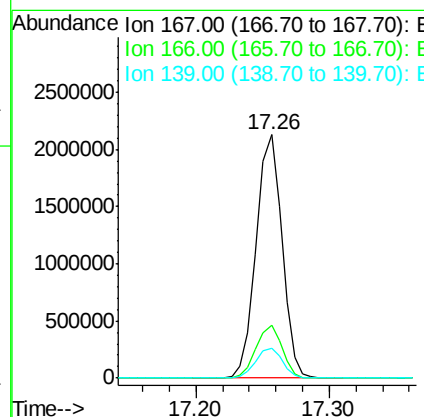
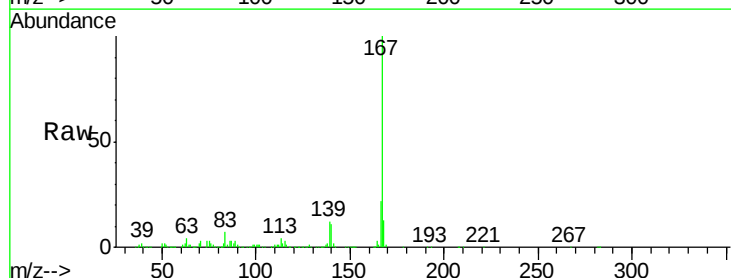
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

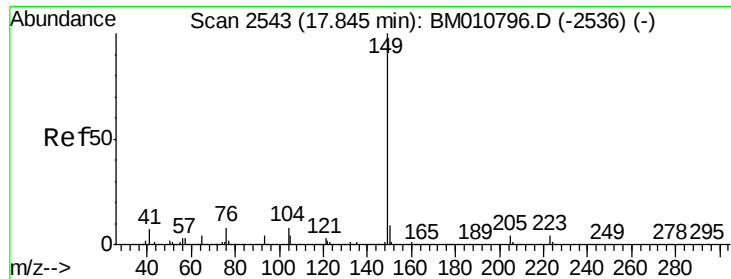
Tgt Ion:178 Resp: 3568850  
 Ion Ratio Lower Upper  
 178 100  
 176 18.6 14.6 22.0  
 179 14.6 12.6 19.0



#72  
 Carbazole  
 Concen: 37.78 ng  
 RT: 17.26 min Scan# 2443  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:167 Resp: 2838945  
 Ion Ratio Lower Upper  
 167 100  
 166 21.5 17.2 25.8  
 139 12.4 10.8 16.2

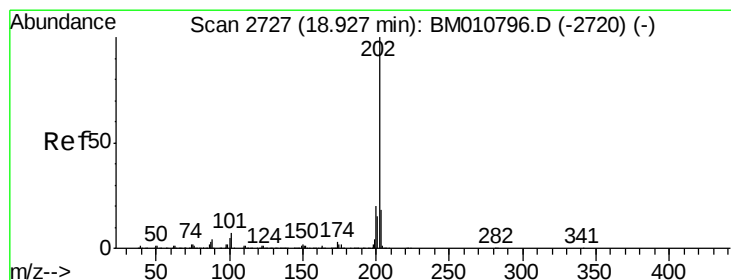
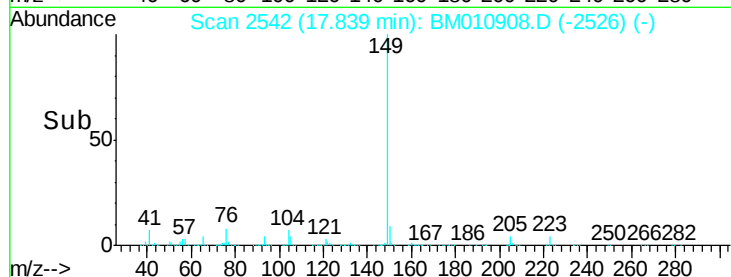
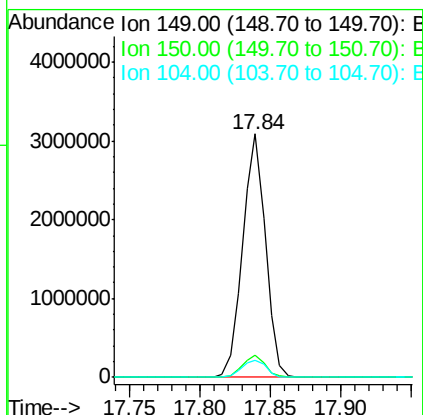
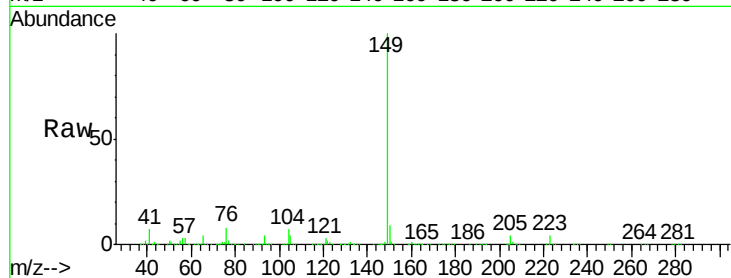




#73  
Di-n-butylphthalate  
Concen: 39.14 ng  
RT: 17.84 min Scan# 2542  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

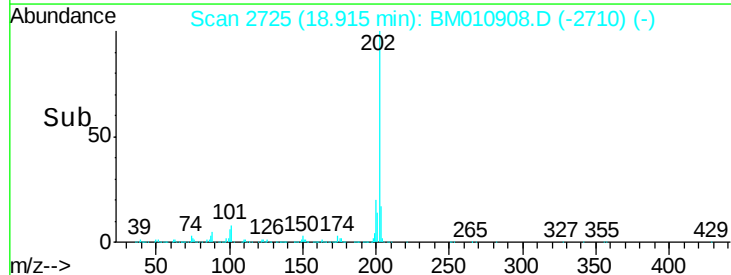
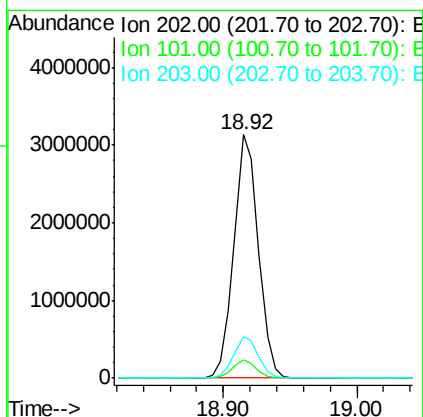
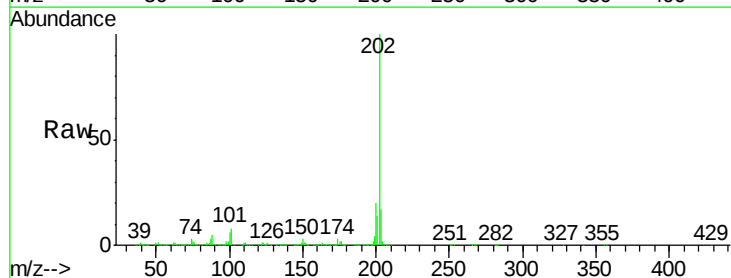
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

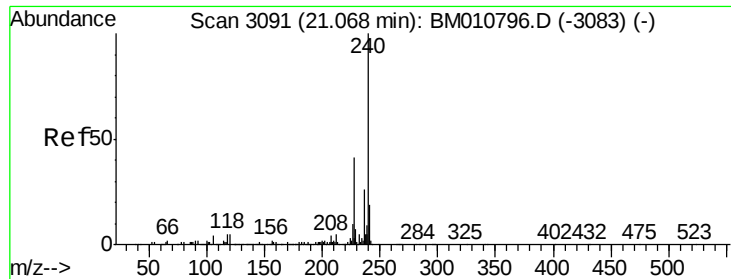
Tgt Ion:149 Resp: 3479803  
Ion Ratio Lower Upper  
149 100  
150 8.9 7.5 11.3  
104 7.3 3.7 5.5#



#74  
Fluoranthene  
Concen: 37.74 ng  
RT: 18.92 min Scan# 2725  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:202 Resp: 4017264  
Ion Ratio Lower Upper  
202 100  
101 7.6 0.0 28.7  
203 17.1 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

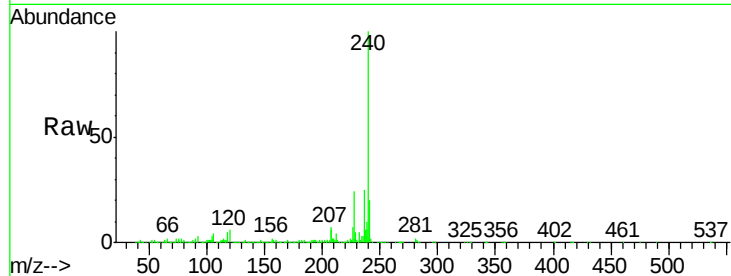
Tgt Ion:240 Resp: 1445038

Ion Ratio Lower Upper

240 100

120 5.7 8.2 12.2#

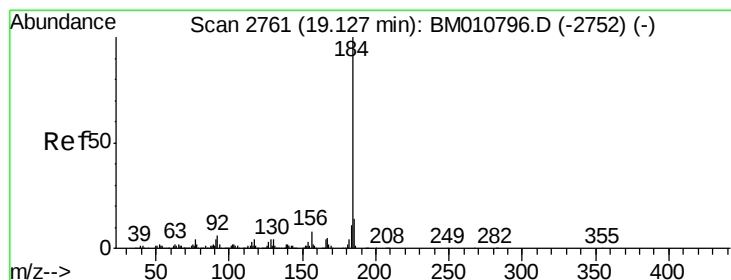
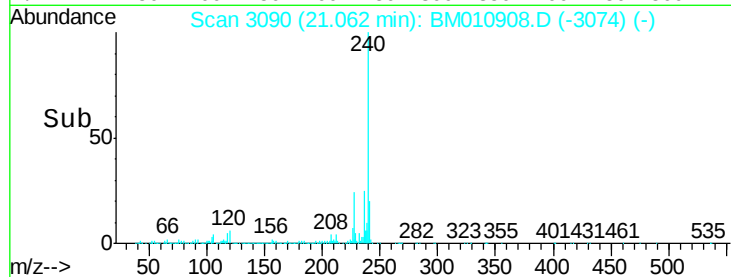
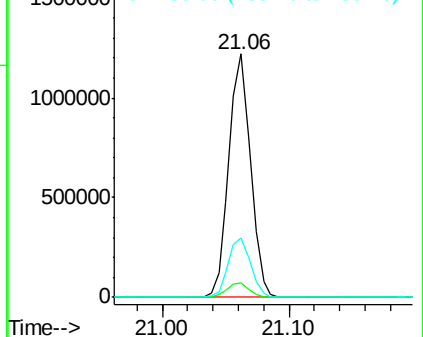
236 24.6 20.0 30.0



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: 48.16 ng

RT: 19.12 min Scan# 2760

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

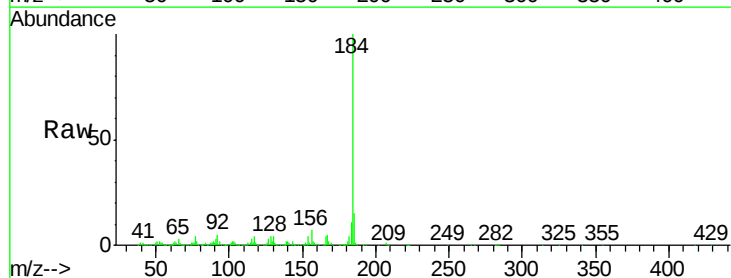
Tgt Ion:184 Resp: 1862179

Ion Ratio Lower Upper

184 100

185 14.6 11.3 16.9

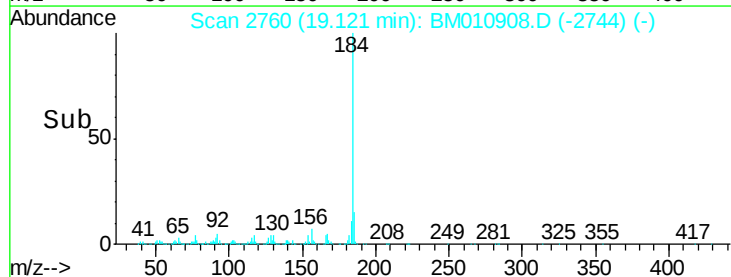
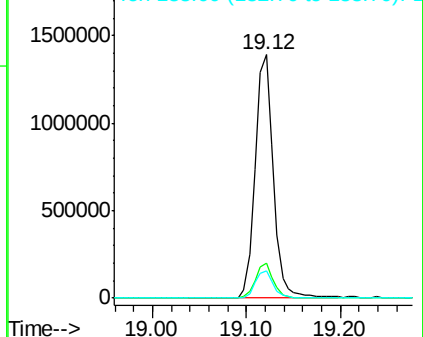
183 11.2 8.9 13.3

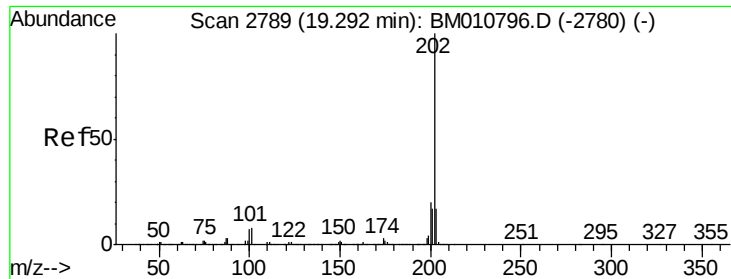


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

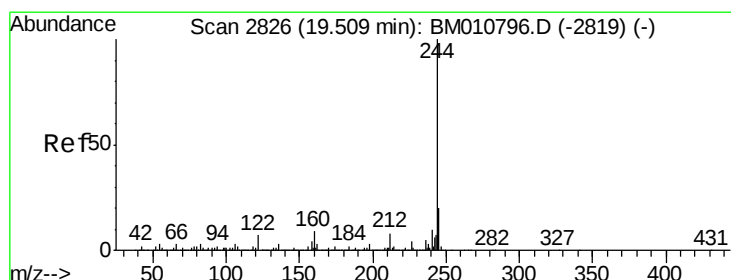
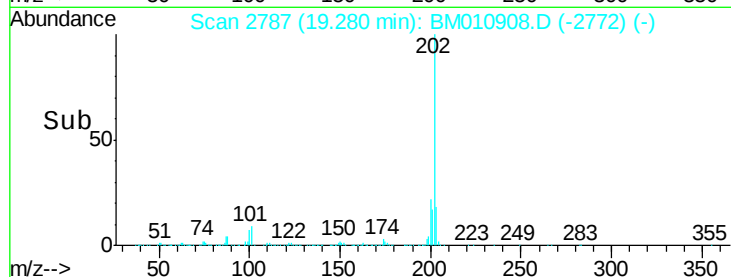
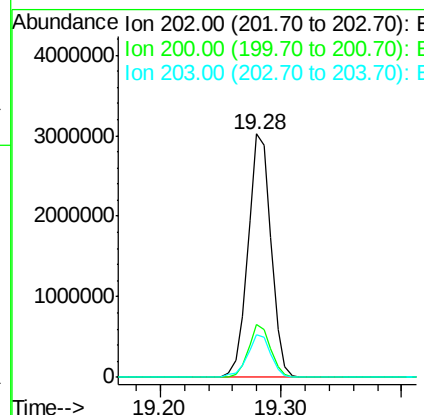
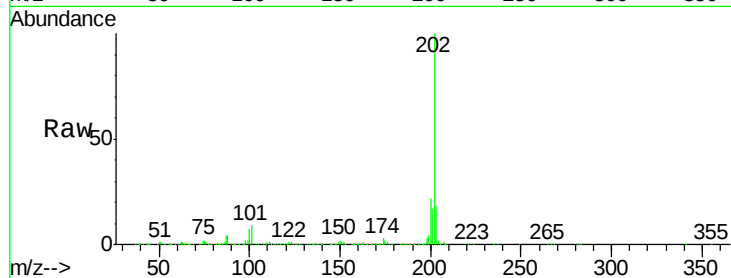




#77  
 Pyrene  
 Concen: 47.99 ng  
 RT: 19.28 min Scan# 2787  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

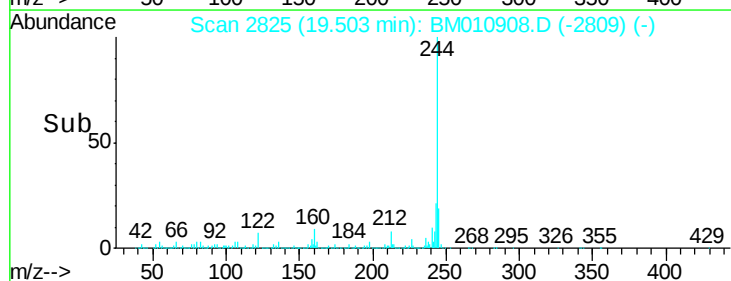
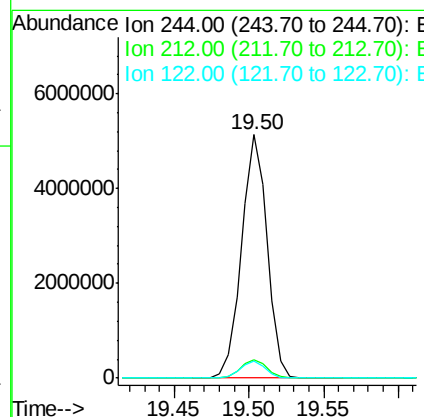
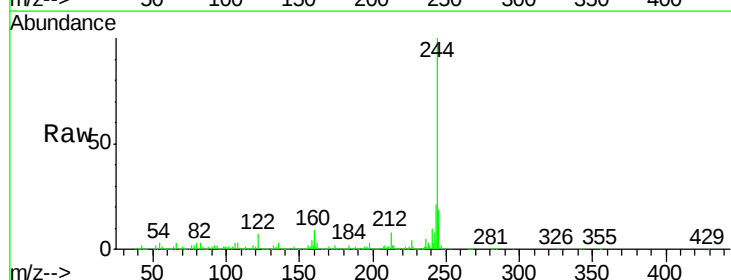
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

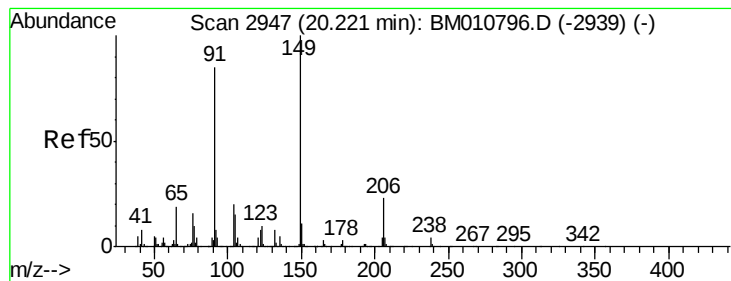
Tgt Ion:202 Resp: 4020059  
 Ion Ratio Lower Upper  
 202 100  
 200 21.5 16.9 25.3  
 203 17.7 14.1 21.1



#78  
 Terphenyl-d14  
 Concen: 81.49 ng  
 RT: 19.50 min Scan# 2825  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:244 Resp: 6088069  
 Ion Ratio Lower Upper  
 244 100  
 212 7.8 4.9 7.3#  
 122 7.3 6.2 9.4





#79

Butylbenzylphthalate

Concen: 44.54 ng

RT: 20.22 min Scan# 2946

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

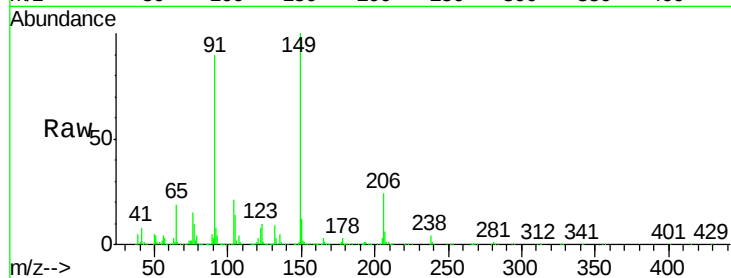
Tgt Ion:149 Resp: 1306261

Ion Ratio Lower Upper

149 100

91 89.8 50.1 75.1#

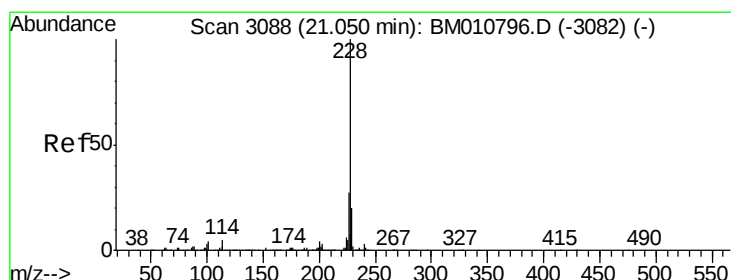
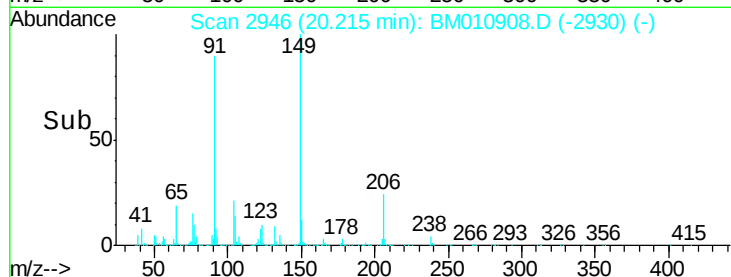
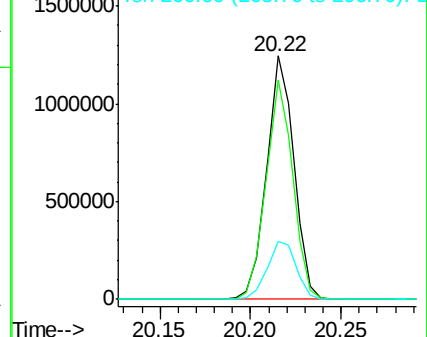
206 23.9 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM010796.D (-2939) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 41.37 ng

RT: 21.04 min Scan# 3087

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

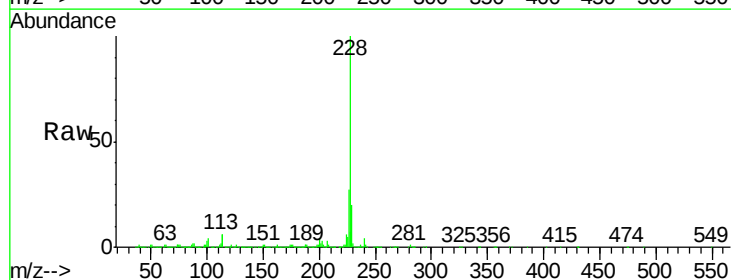
Tgt Ion:228 Resp: 3464174

Ion Ratio Lower Upper

228 100

226 27.4 21.7 32.5

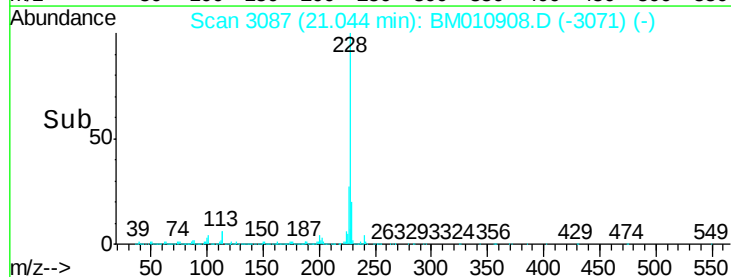
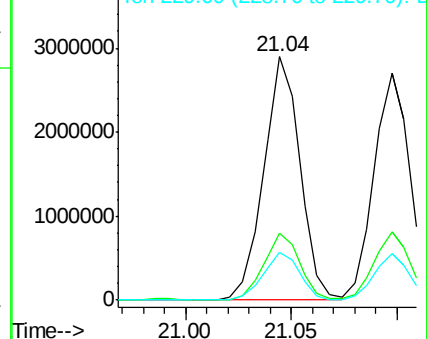
229 19.6 16.0 24.0

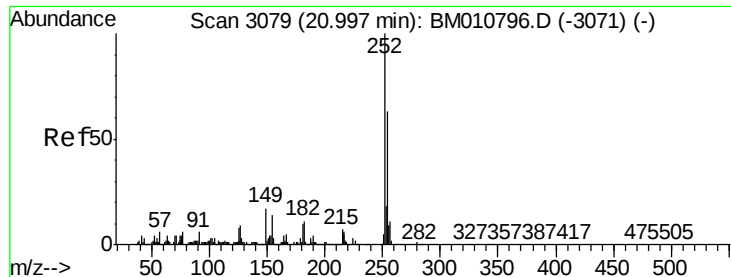


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

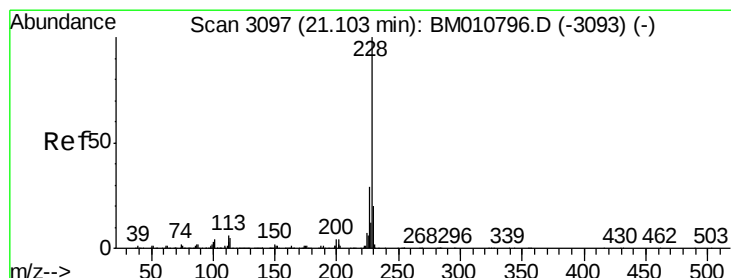
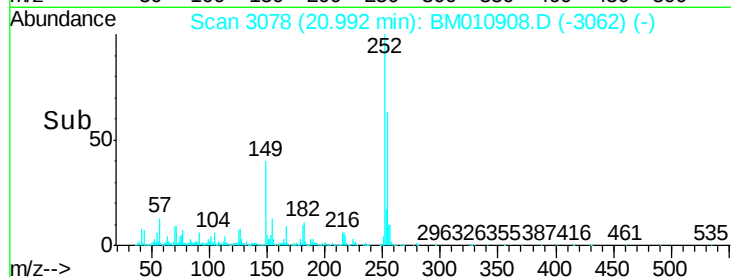
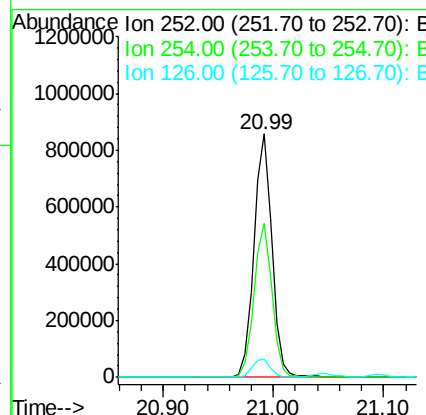
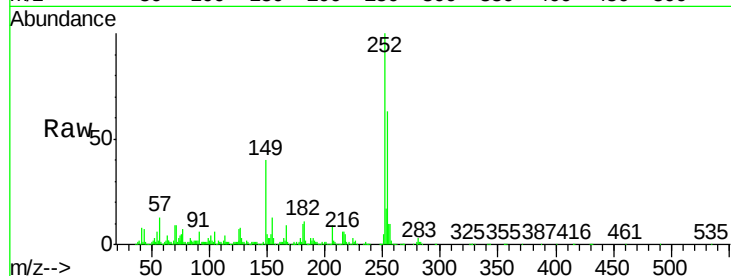




#81  
 3,3'-Dichlorobenzidine  
 Concen: 29.97 ng  
 RT: 20.99 min Scan# 3078  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

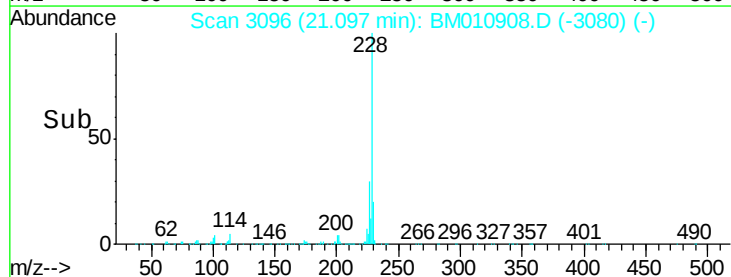
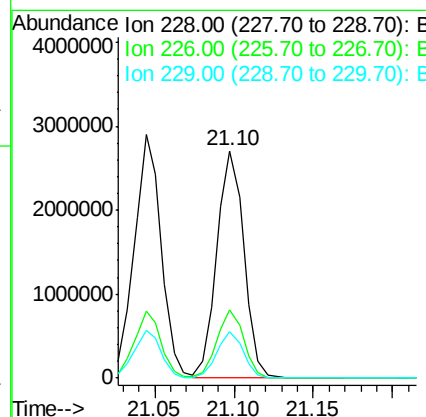
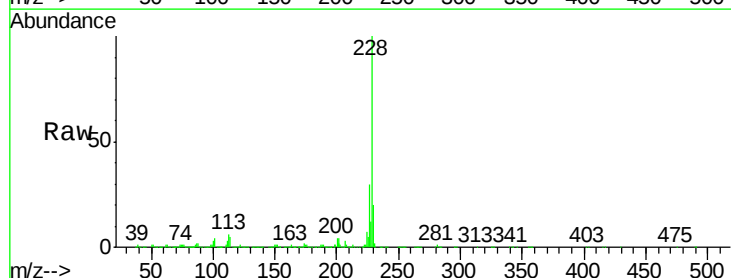
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

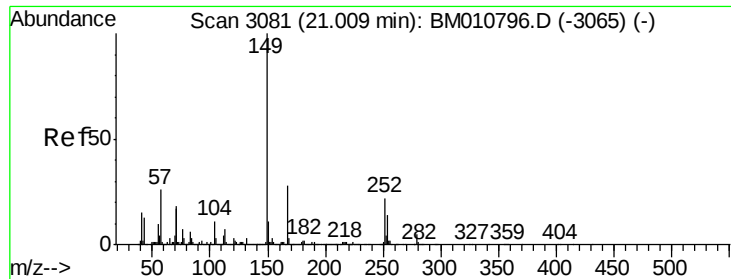
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 252     | 100   |       |       |
| 254     | 63.3  | 51.9  | 77.9  |
| 126     | 7.5   | 9.8   | 14.8  |



#82  
 Chrysene  
 Concen: 40.19 ng  
 RT: 21.10 min Scan# 3096  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 228     | 100   |       |       |
| 226     | 29.8  | 24.1  | 36.1  |
| 229     | 20.2  | 15.5  | 23.3  |

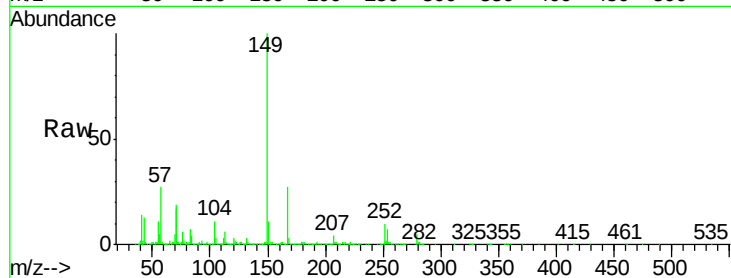




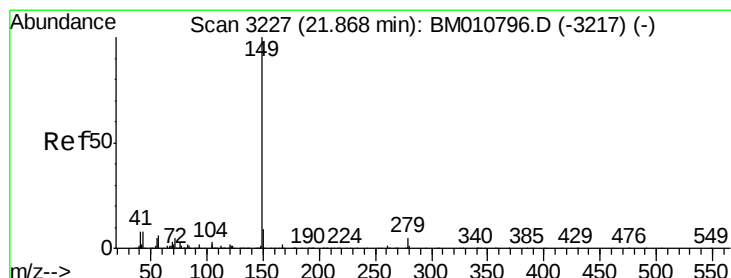
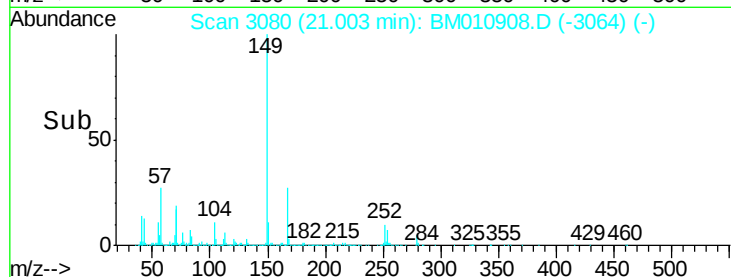
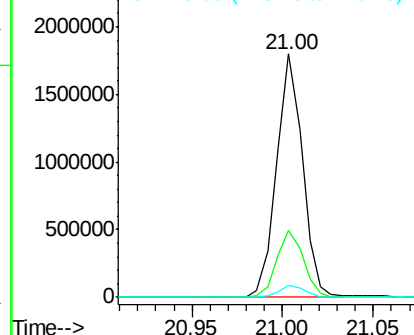
#83  
 Bis(2-ethylhexyl)phthalate  
 Concen: 42.01 ng  
 RT: 21.00 min Scan# 3080  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDOC-W-2

Tgt Ion:149 Resp: 1794183  
 Ion Ratio Lower Upper  
 149 100  
 167 27.3 22.4 33.6  
 279 4.9 3.4 5.0

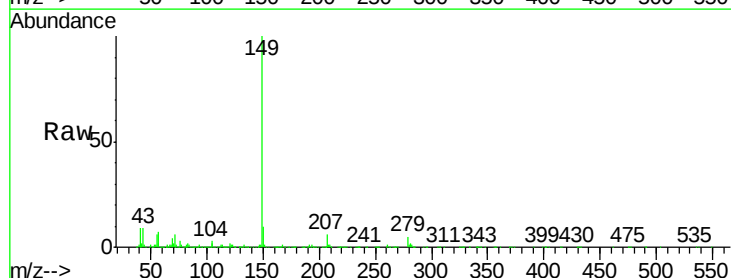


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

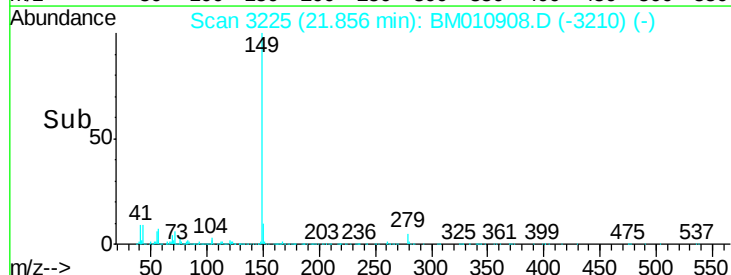
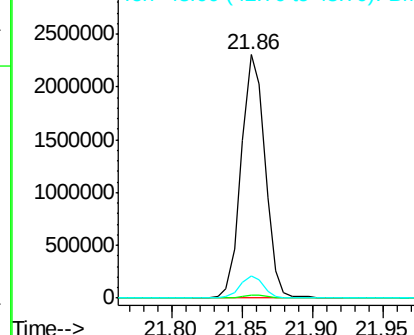


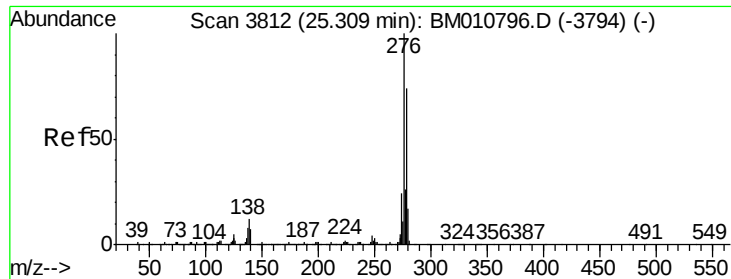
#84  
 Di-n-octyl phthalate  
 Concen: 38.81 ng  
 RT: 21.86 min Scan# 3225  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:149 Resp: 2715696  
 Ion Ratio Lower Upper  
 149 100  
 167 1.6 1.2 1.8  
 43 9.0 7.3 10.9



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

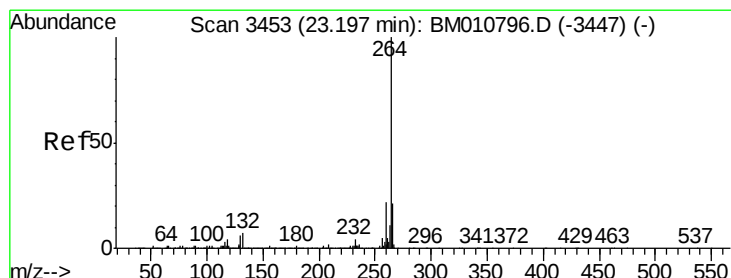
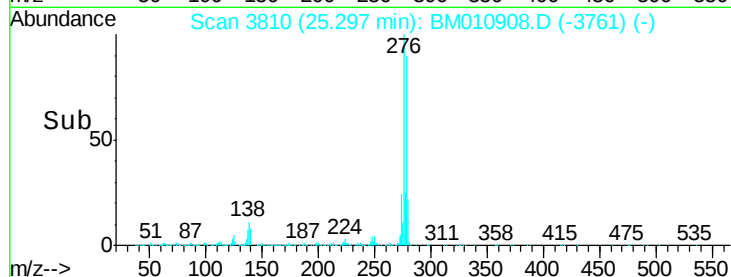
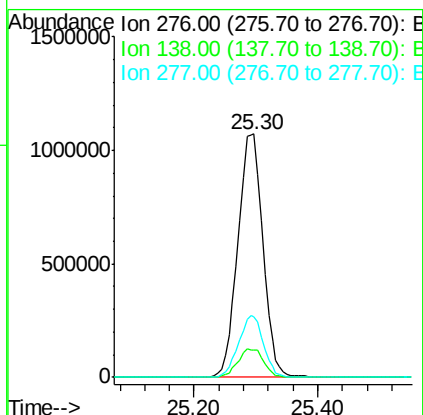
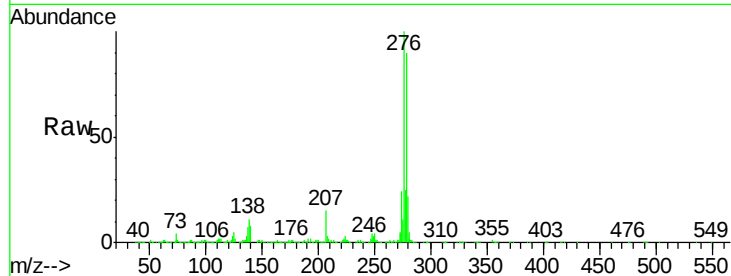




#85  
 Indeno(1,2,3-cd)pyrene  
 Concen: 33.33 ng  
 RT: 25.30 min Scan# 3810  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

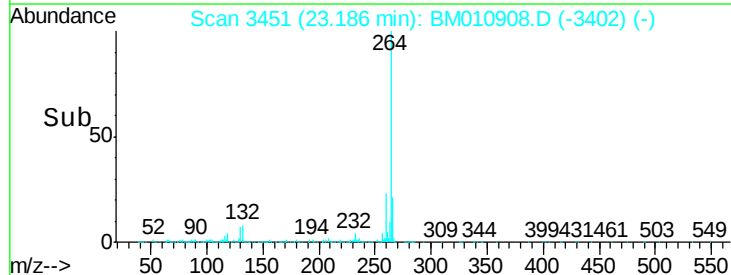
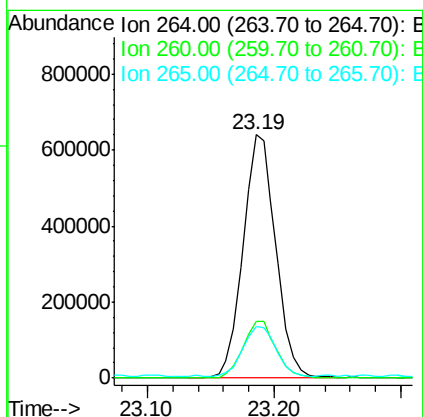
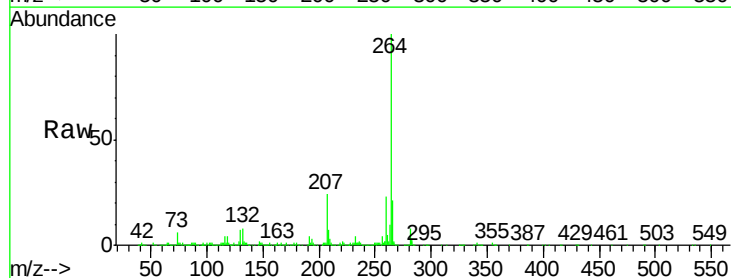
Instrument :  
 BNA\_M  
 ClientSampleID :  
 IDOC-W-2

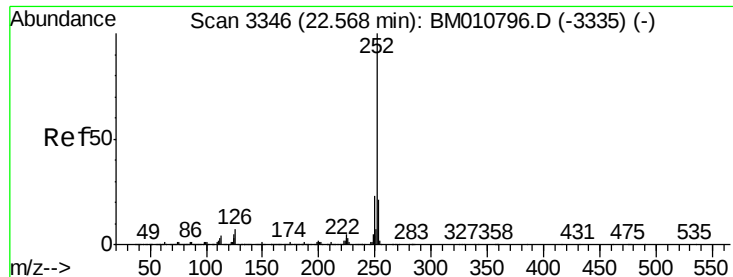
Tgt Ion:276 Resp: 3048053  
 Ion Ratio Lower Upper  
 276 100  
 138 11.8 0.0 0.0#  
 277 25.2 0.0 0.0#



#86  
 Perylene-d12  
 Concen: 20.00 ng  
 RT: 23.19 min Scan# 3451  
 Delta R.T. -0.01 min  
 Lab File: BM010908.D  
 Acq: 20 Jul 2017 14:47

Tgt Ion:264 Resp: 1141087  
 Ion Ratio Lower Upper  
 264 100  
 260 23.2 18.6 27.8  
 265 21.4 17.3 25.9

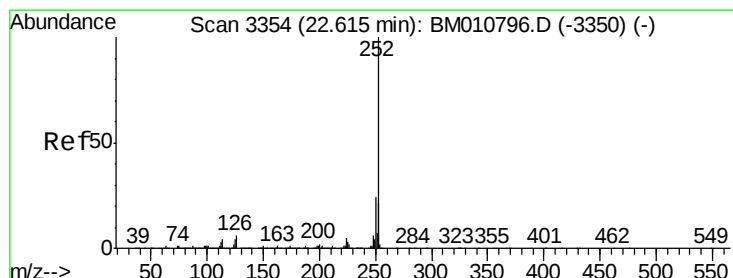
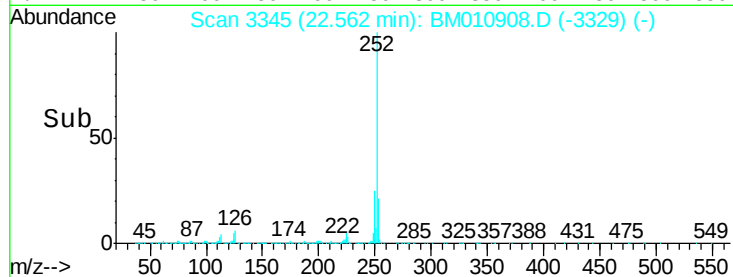
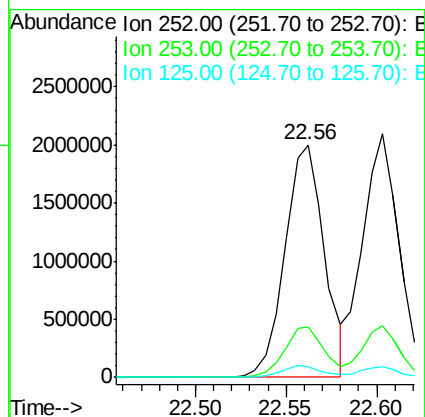
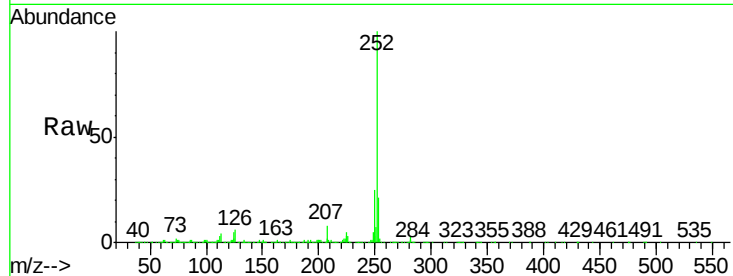




#87  
Benzo(b)fluoranthene  
Concen: 41.87 ng  
RT: 22.56 min Scan# 3345  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

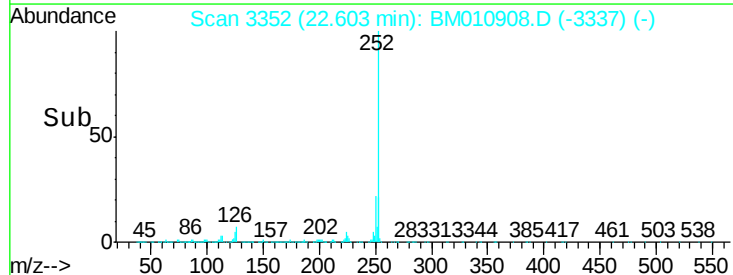
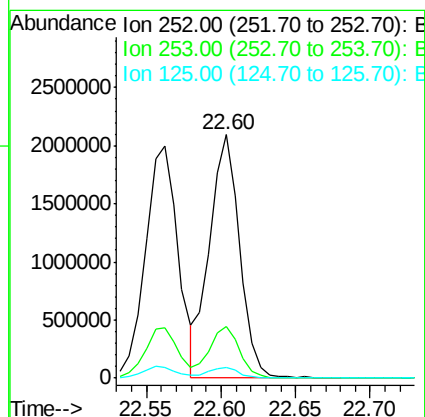
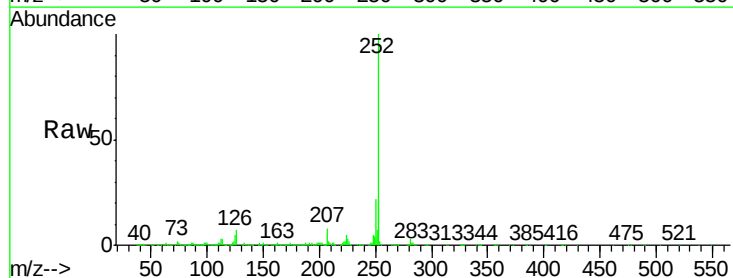
Instrument :  
BNA\_M  
ClientSampleId :  
IDOC-W-2

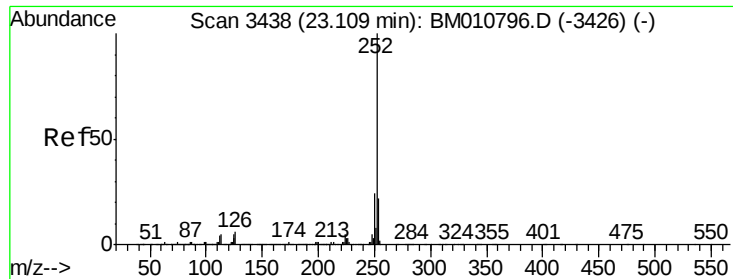
Tgt Ion:252 Resp: 3034946  
Ion Ratio Lower Upper  
252 100  
253 21.5 18.0 27.0  
125 4.6 9.9 14.9#



#88  
Benzo(k)fluoranthene  
Concen: 42.25 ng  
RT: 22.60 min Scan# 3352  
Delta R.T. -0.01 min  
Lab File: BM010908.D  
Acq: 20 Jul 2017 14:47

Tgt Ion:252 Resp: 2925330  
Ion Ratio Lower Upper  
252 100  
253 21.2 17.2 25.8  
125 4.6 8.1 12.1#





#89

Benzo(a)pyrene

Concen: 42.30 ng

RT: 23.10 min Scan# 3436

Delta R.T. -0.01 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

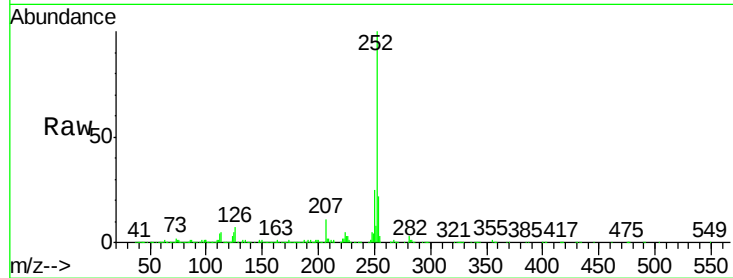
Tgt Ion:252 Resp: 2790766

Ion Ratio Lower Upper

252 100

253 21.6 17.6 26.4

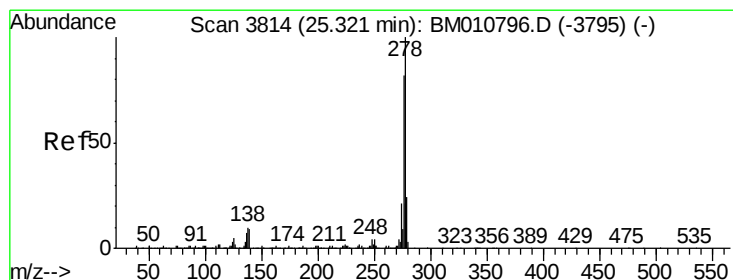
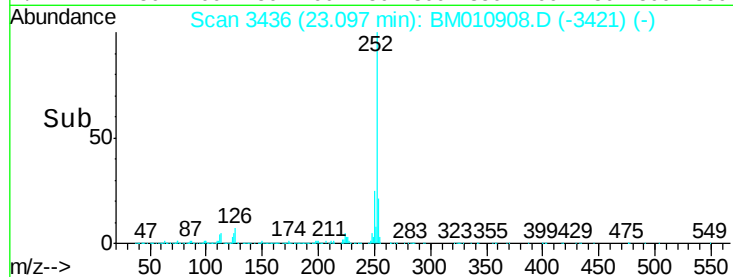
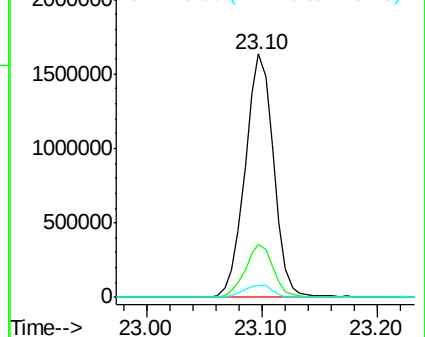
125 5.0 7.4 11.2#



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: 39.65 ng

RT: 25.30 min Scan# 3811

Delta R.T. -0.02 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

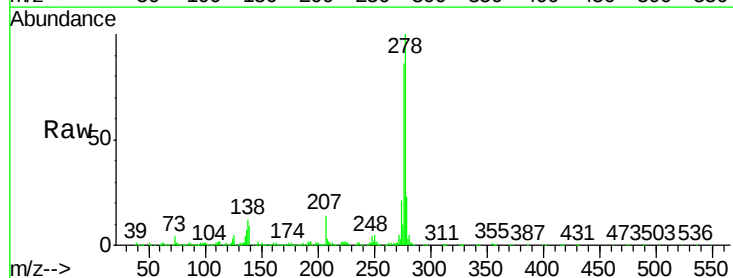
Tgt Ion:278 Resp: 2539022

Ion Ratio Lower Upper

278 100

139 9.3 13.4 20.0#

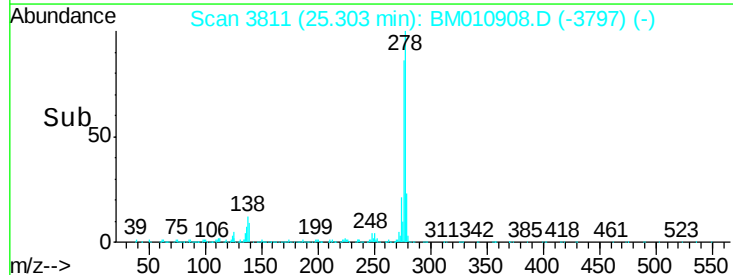
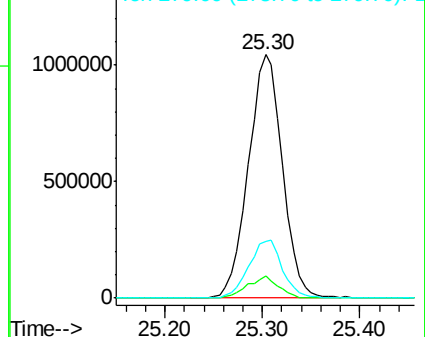
279 23.4 19.0 28.4

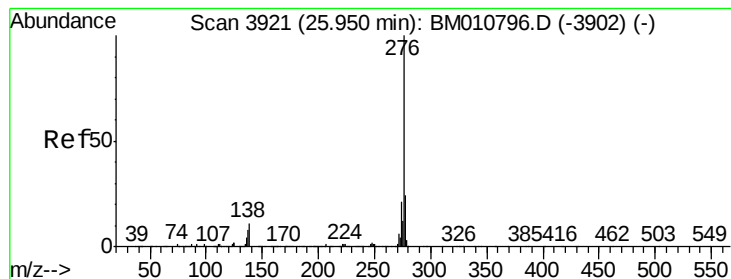


Abundance Ion 278.00 (277.70 to 278.70): E

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: 39.88 ng

RT: 25.93 min Scan# 3917

Delta R.T. -0.02 min

Lab File: BM010908.D

Acq: 20 Jul 2017 14:47

Instrument :

BNA\_M

ClientSampleId :

IDOC-W-2

Tgt Ion:276 Resp: 2510076

Ion Ratio Lower Upper

276 100

277 25.0 18.5 27.7

138 9.6 19.0 28.6#

