

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM021319\  
 Data File : BM018812.D  
 Acq On : 13 Feb 2019 21:25  
 Operator : JU/SJ  
 Sample : K1457-07MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

Quant Time: Feb 14 00:52:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.71  | 152  | 270607   | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 10.50 | 136  | 1165427  | 20.00 | ng    | 0.00     |
| 39) Acenaphthene-d10      | 14.36 | 164  | 688136   | 20.00 | ng    | 0.00     |
| 64) Phenanthrene-d10      | 17.12 | 188  | 1580954  | 20.00 | ng    | 0.00     |
| 76) Chrysene-d12          | 21.30 | 240  | 1731097  | 20.00 | ng    | 0.00     |
| 87) Perylene-d12          | 23.56 | 264  | 1734774  | 20.00 | ng    | 0.00     |

## System Monitoring Compounds

|                          |       |     |         |        |    |      |
|--------------------------|-------|-----|---------|--------|----|------|
| 5) 2-Fluorophenol        | 5.30  | 112 | 2441579 | 147.83 | ng | 0.00 |
| 7) Phenol-d6             | 6.89  | 99  | 3156611 | 135.67 | ng | 0.00 |
| 23) Nitrobenzene-d5      | 8.88  | 82  | 2463104 | 97.72  | ng | 0.00 |
| 42) 2,4,6-Tribromophenol | 15.86 | 330 | 1552296 | 156.49 | ng | 0.00 |
| 45) 2-Fluorobiphenyl     | 12.98 | 172 | 4916286 | 94.84  | ng | 0.00 |
| 79) Terphenyl-d14        | 19.74 | 244 | 8326942 | 99.23  | ng | 0.00 |

## Target Compounds

|                                |       |     |         |        |    | Qvalue |
|--------------------------------|-------|-----|---------|--------|----|--------|
| 2) 1,4-Dioxane                 | 3.25  | 88  | 256627  | 35.675 | ng | 97     |
| 3) Pyridine                    | 3.65  | 79  | 639724  | 32.603 | ng | 98     |
| 4) n-Nitrosodimethylamine      | 3.57  | 42  | 254171  | 50.919 | ng | 91     |
| 6) Aniline                     | 7.05  | 93  | 1045095 | 36.660 | ng | 99     |
| 8) 2-Chlorophenol              | 7.27  | 128 | 871648  | 48.070 | ng | 98     |
| 9) Benzaldehyde                | 6.87  | 77  | 517175  | 40.924 | ng | # 88   |
| 10) Phenol                     | 6.92  | 94  | 1084402 | 44.295 | ng | 98     |
| 11) bis(2-Chloroethyl)ether    | 7.15  | 93  | 841274  | 45.049 | ng | 99     |
| 12) 1,3-Dichlorobenzene        | 7.60  | 146 | 792936  | 38.889 | ng | 98     |
| 13) 1,4-Dichlorobenzene        | 7.75  | 146 | 822595  | 39.629 | ng | 99     |
| 14) 1,2-Dichlorobenzene        | 8.06  | 146 | 795409  | 39.893 | ng | 98     |
| 15) Benzyl Alcohol             | 7.96  | 79  | 917981  | 49.655 | ng | 98     |
| 16) 2,2'-oxybis(1-Chloropropan | 8.24  | 45  | 801110  | 44.323 | ng | 94     |
| 17) 2-Methylphenol             | 8.16  | 107 | 777311  | 49.887 | ng | 98     |
| 18) Hexachloroethane           | 8.77  | 117 | 366344  | 48.347 | ng | 98     |
| 19) n-Nitroso-di-n-propylamine | 8.52  | 70  | 821092  | 45.579 | ng | 99     |
| 20) 3+4-Methylphenols          | 8.49  | 107 | 1084224 | 50.392 | ng | 98     |
| 22) Acetophenone               | 8.54  | 105 | 1386314 | 43.316 | ng | # 99   |
| 24) Nitrobenzene               | 8.92  | 77  | 1216217 | 46.487 | ng | 99     |
| 25) Isophorone                 | 9.44  | 82  | 2093854 | 52.065 | ng | 99     |
| 26) 2-Nitrophenol              | 9.62  | 139 | 468389  | 44.956 | ng | 97     |
| 27) 2,4-Dimethylphenol         | 9.68  | 122 | 855519  | 56.220 | ng | 98     |
| 28) bis(2-Chloroethoxy)methane | 9.92  | 93  | 1222554 | 47.010 | ng | 100    |
| 29) 2,4-Dichlorophenol         | 10.15 | 162 | 853851  | 48.867 | ng | 99     |
| 30) 1,2,4-Trichlorobenzene     | 10.36 | 180 | 820634  | 40.668 | ng | 98     |
| 31) Naphthalene                | 10.55 | 128 | 3320280 | 58.416 | ng | 99     |
| 32) Benzoic acid               | 9.86  | 122 | 740203  | 55.762 | ng | 96     |
| 33) 4-Chloroaniline            | 10.67 | 127 | 698831  | 27.505 | ng | 100    |
| 34) Hexachlorobutadiene        | 10.82 | 225 | 444008  | 37.908 | ng | 99     |
| 35) Caprolactam                | 11.56 | 113 | 148249  | 20.789 | ng | 95     |
| 36) 4-Chloro-3-methylphenol    | 11.80 | 107 | 1029158 | 48.852 | ng | 99     |
| 37) 2-Methylnaphthalene        | 12.17 | 142 | 2098636 | 52.442 | ng | 99     |
| 38) 1-Methylnaphthalene        | 12.39 | 142 | 1937563 | 49.513 | ng | 100    |
| 40) 1,2,4,5-Tetrachlorobenzene | 12.53 | 216 | 916267  | 41.624 | ng | 98     |

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 Acq On : 13 Feb 2019 21:25  
 Operator : JU/SJ  
 Sample : K1457-07MS  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

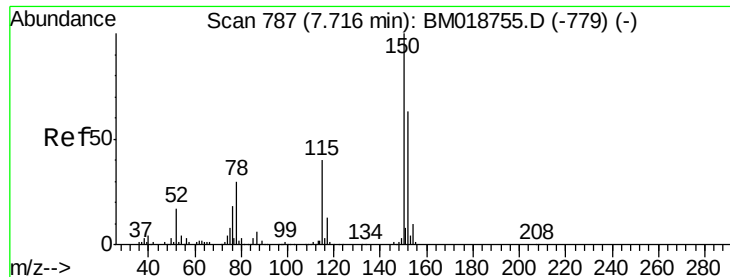
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

Quant Time: Feb 14 00:52:30 2019  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM021119.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Feb 11 16:02:12 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|--------------------------------|-------|------|----------|--------|-------|----------|
| 41) Hexachlorocyclopentadiene  | 12.50 | 237  | 1073100  | 95.348 | ng    | 98       |
| 43) 2,4,6-Trichlorophenol      | 12.79 | 196  | 698145   | 47.908 | ng    | 99       |
| 44) 2,4,5-Trichlorophenol      | 12.86 | 196  | 756308   | 49.516 | ng    | 98       |
| 46) 1,1'-Biphenyl              | 13.19 | 154  | 2536687  | 42.825 | ng    | 100      |
| 47) 2-Chloronaphthalene        | 13.23 | 162  | 1970441  | 43.069 | ng    | 99       |
| 48) 2-Nitroaniline             | 13.46 | 65   | 721743   | 47.499 | ng    | 99       |
| 49) Acenaphthylene             | 14.09 | 152  | 3311059  | 48.604 | ng    | 99       |
| 50) Dimethylphthalate          | 13.83 | 163  | 2641262  | 46.056 | ng    | 99       |
| 51) 2,6-Dinitrotoluene         | 13.96 | 165  | 584804   | 47.074 | ng    | 99       |
| 52) Acenaphthene               | 14.43 | 154  | 1884789  | 45.121 | ng    | 99       |
| 53) 3-Nitroaniline             | 14.29 | 138  | 449697   | 32.037 | ng    | 100      |
| 54) 2,4-Dinitrophenol          | 14.50 | 184  | 437354   | 57.248 | ng    | 98       |
| 55) Dibenzofuran               | 14.76 | 168  | 3092644  | 45.044 | ng    | 99       |
| 56) 4-Nitrophenol              | 14.60 | 139  | 955034   | 85.231 | ng    | 98       |
| 57) 2,4-Dinitrotoluene         | 14.75 | 165  | 829725   | 48.475 | ng    | 99       |
| 58) Fluorene                   | 15.42 | 166  | 2542101  | 48.397 | ng    | 100      |
| 59) 2,3,4,6-Tetrachlorophenol  | 14.99 | 232  | 683353   | 50.616 | ng    | 98       |
| 60) Diethylphthalate           | 15.19 | 149  | 2739829  | 46.314 | ng    | 100      |
| 61) 4-Chlorophenyl-phenylether | 15.41 | 204  | 1262746  | 42.877 | ng    | 98       |
| 62) 4-Nitroaniline             | 15.46 | 138  | 550737   | 40.021 | ng    | 98       |
| 63) Azobenzene                 | 15.70 | 77   | 2942074  | 46.383 | ng    | 100      |
| 65) 4,6-Dinitro-2-methylphenol | 15.50 | 198  | 376904   | 33.955 | ng    | 98       |
| 66) n-Nitrosodiphenylamine     | 15.63 | 169  | 2244742  | 44.941 | ng    | 100      |
| 67) 4-Bromophenyl-phenylether  | 16.30 | 248  | 752552   | 42.527 | ng    | 97       |
| 68) Hexachlorobenzene          | 16.41 | 284  | 876095   | 42.593 | ng    | 98       |
| 69) Atrazine                   | 16.59 | 200  | 796654   | 49.473 | ng    | 99       |
| 70) Pentachlorophenol          | 16.76 | 266  | 1148124  | 86.691 | ng    | 99       |
| 71) Phenanthrene               | 17.16 | 178  | 4036793  | 47.512 | ng    | 100      |
| 72) Anthracene                 | 17.24 | 178  | 4095533  | 49.525 | ng    | 99       |
| 73) Carbazole                  | 17.53 | 167  | 3854874  | 44.617 | ng    | 99       |
| 74) Di-n-butylphthalate        | 18.08 | 149  | 4773037  | 48.036 | ng    | 100      |
| 75) Fluoranthene               | 19.17 | 202  | 4699528  | 47.885 | ng    | 98       |
| 77) Benzidine                  | 19.37 | 184  | 1554433  | 39.871 | ng    | 99       |
| 78) Pyrene                     | 19.54 | 202  | 4867843  | 48.417 | ng    | 100      |
| 80) Butylbenzylphthalate       | 20.44 | 149  | 2335407  | 50.969 | ng    | 98       |
| 81) Benzo(a)anthracene         | 21.29 | 228  | 4923841  | 48.795 | ng    | 100      |
| 82) 3,3'-Dichlorobenzidine     | 21.23 | 252  | 1277762  | 32.040 | ng    | 99       |
| 83) Chrysene                   | 21.34 | 228  | 4629022  | 47.860 | ng    | 100      |
| 84) Bis(2-ethylhexyl)phthalate | 21.21 | 149  | 3354914  | 50.026 | ng    | 98       |
| 85) Di-n-octyl phthalate       | 22.09 | 149  | 5918673  | 52.511 | ng    | 100      |
| 86) Indeno(1,2,3-cd)pyrene     | 25.86 | 276  | 5127731  | 45.920 | ng    | 99       |
| 88) Benzo(b)fluoranthene       | 22.89 | 252  | 4950416  | 49.877 | ng    | 100      |
| 89) Benzo(k)fluoranthene       | 22.93 | 252  | 5055280  | 51.160 | ng    | 100      |
| 90) Benzo(a)pyrene             | 23.47 | 252  | 4735331  | 50.363 | ng    | 98       |
| 91) Dibenzo(a,h)anthracene     | 25.87 | 278  | 4395555  | 47.186 | ng    | 99       |
| 92) Benzo(g,h,i)perylene       | 26.56 | 276  | 3965131  | 45.721 | ng    | 99       |

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



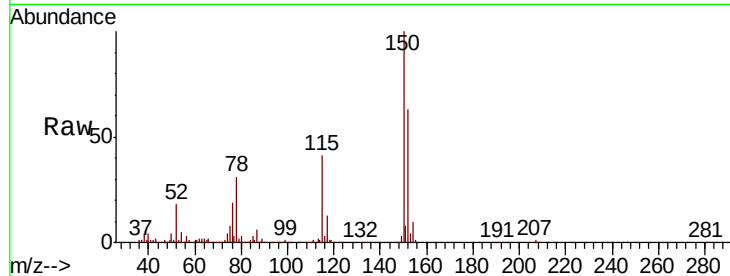


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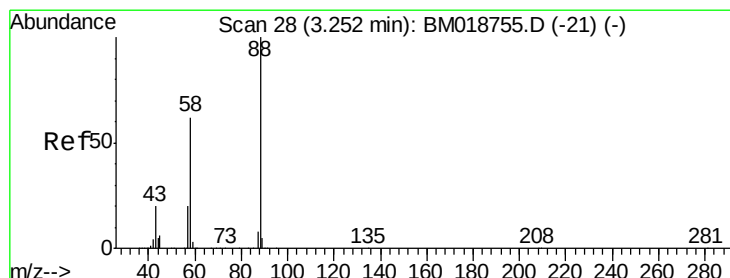
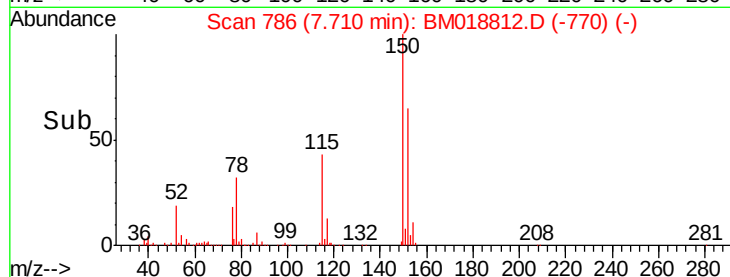
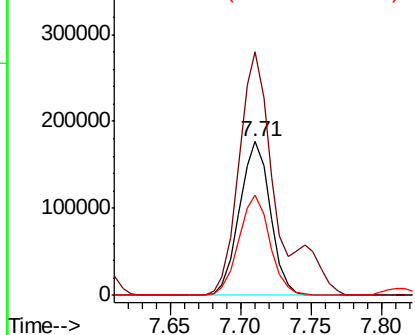
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 7.71 min Scan# 786  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

Tgt Ion:152 Resp: 270607  
Ion Ratio Lower Upper  
152 100  
150 158.3 127.3 190.9  
115 65.4 50.8 76.2



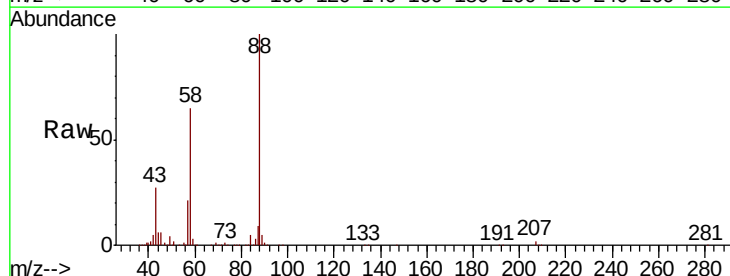
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



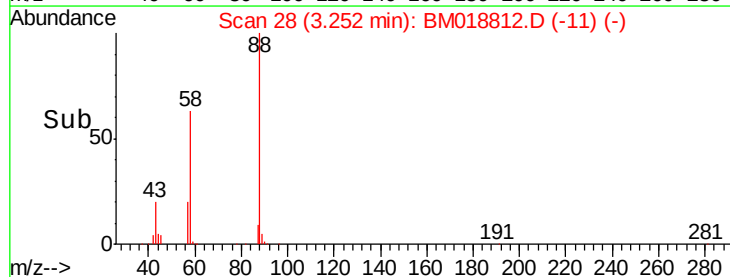
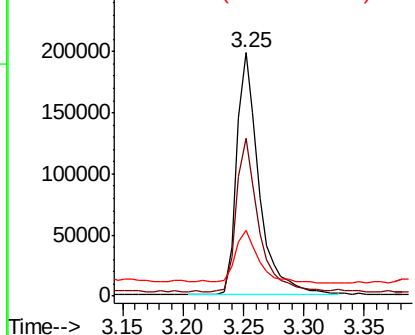
#2

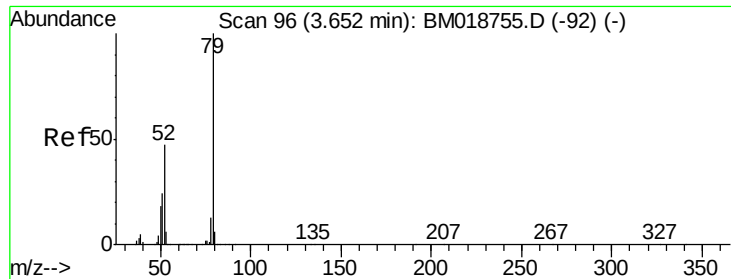
1,4-Dioxane  
Concen: 35.675 ng  
RT: 3.25 min Scan# 28  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion: 88 Resp: 256627  
Ion Ratio Lower Upper  
88 100  
58 63.9 49.8 74.6  
43 23.3 16.7 25.1



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





#3

Pyridine

Concen: 32.603 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

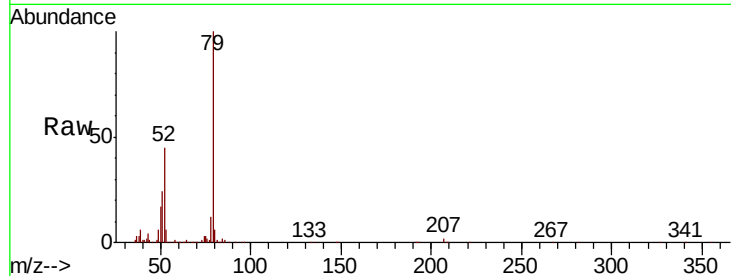
Tgt Ion: 79 Resp: 639724

Ion Ratio Lower Upper

79 100

52 45.3 37.6 56.4

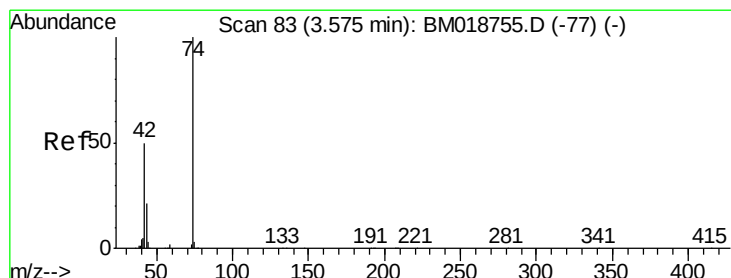
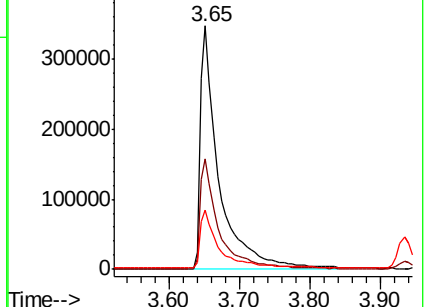
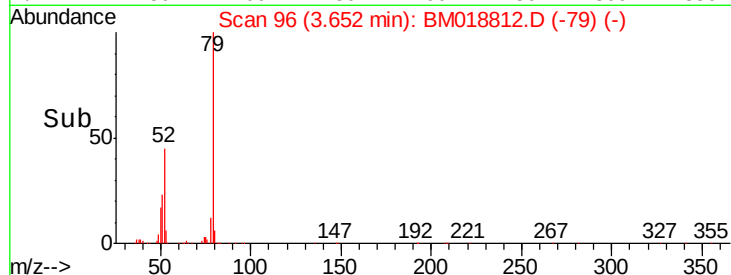
51 24.1 19.7 29.5



Abundance Ion 79.00 (78.70 to 79.70): BM018812.D (-79) (-)

Ion 52.00 (51.70 to 52.70): BM018812.D (-79) (-)

Ion 51.00 (50.70 to 51.70): BM018812.D (-79) (-)



#4

n-Nitrosodimethylamine

Concen: 50.919 ng

RT: 3.57 min Scan# 82

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

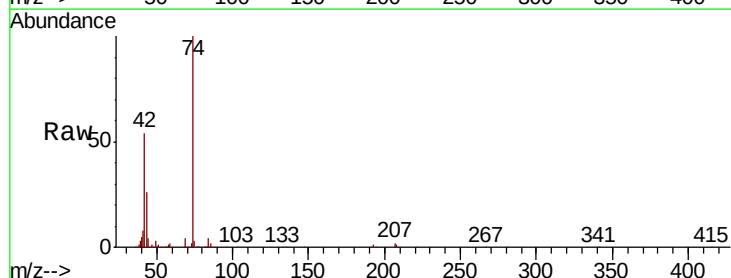
Tgt Ion: 42 Resp: 254171

Ion Ratio Lower Upper

42 100

74 183.6 158.1 237.1

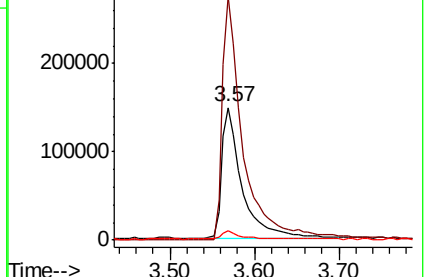
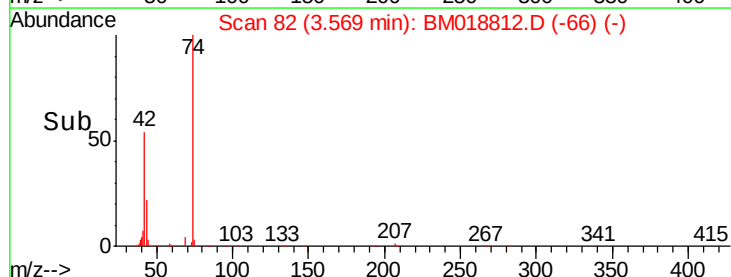
44 6.9 4.9 7.3

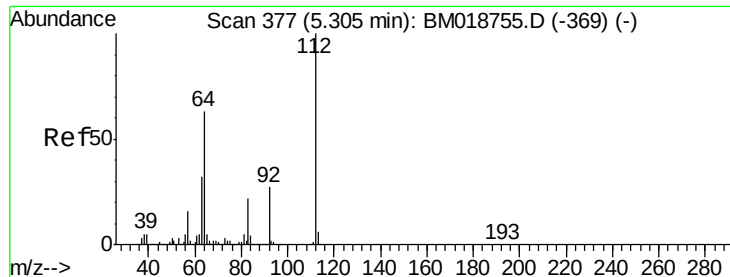


Abundance Ion 42.00 (41.70 to 42.70): BM018812.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018812.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018812.D (-66) (-)





#5

2-Fluorophenol

Concen: 147.833 ng

RT: 5.30 min Scan# 377

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

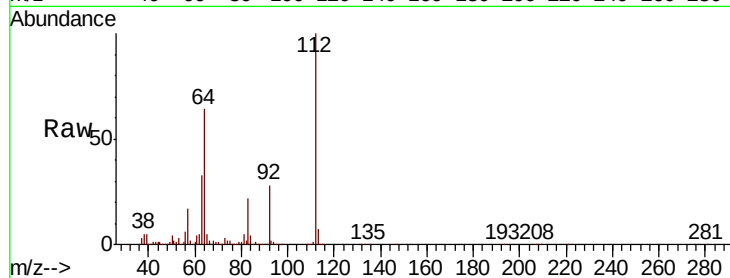
Tgt Ion: 112 Resp: 2441579

Ion Ratio Lower Upper

112 100

64 64.4 50.6 75.8

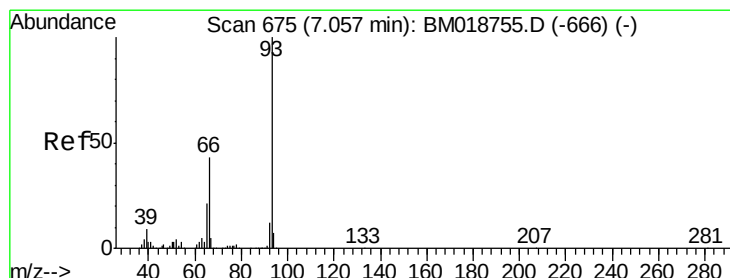
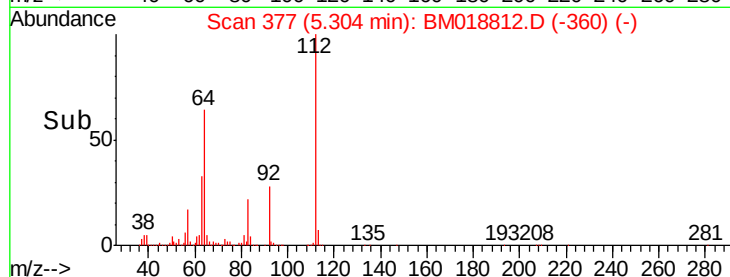
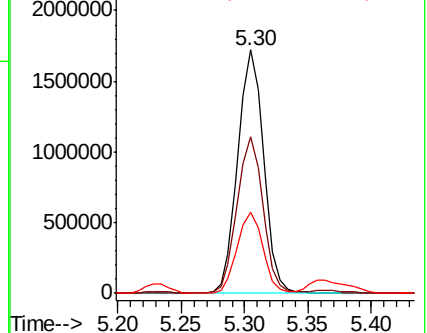
63 33.3 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 36.660 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

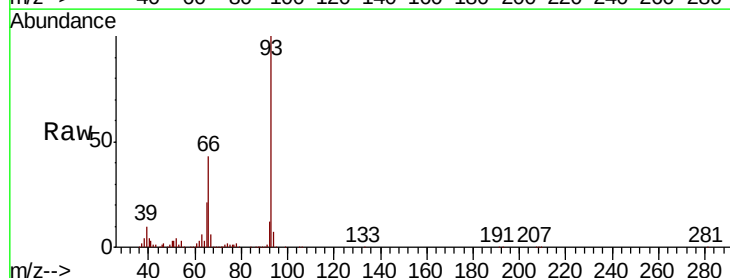
Tgt Ion: 93 Resp: 1045095

Ion Ratio Lower Upper

93 100

66 42.8 34.1 51.1

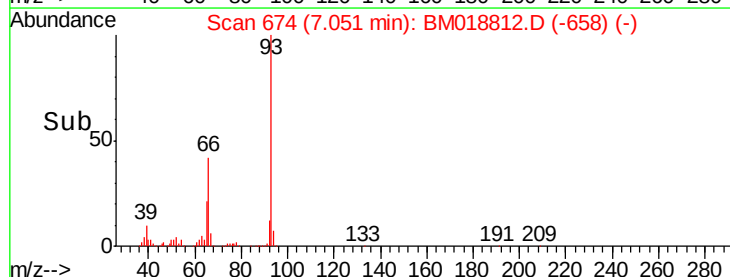
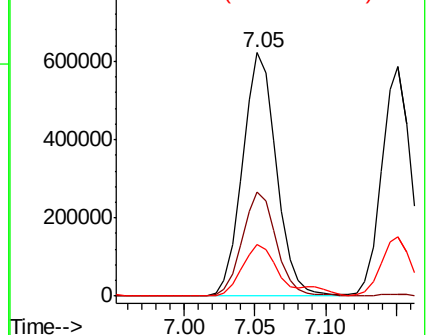
65 21.4 16.6 24.8

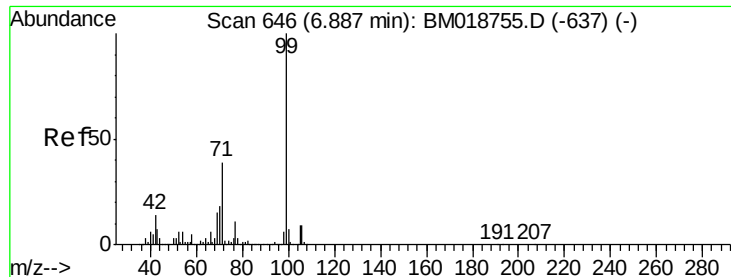


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 135.671 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

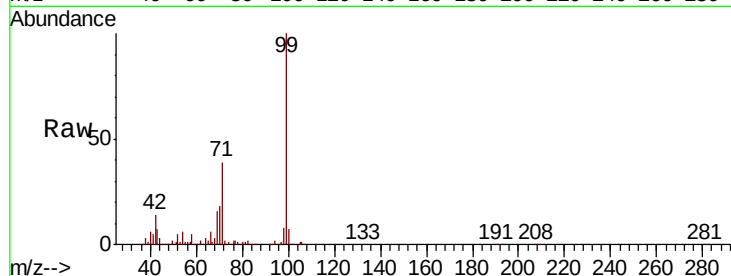
Tgt Ion: 99 Resp: 3156611

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

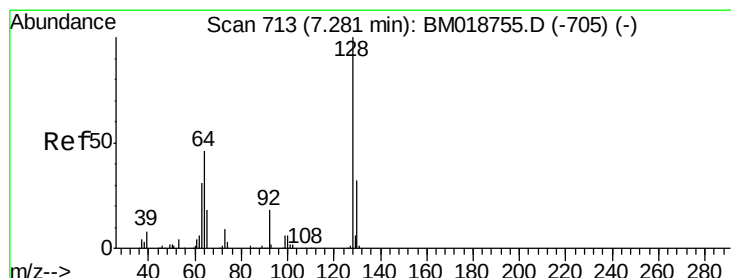
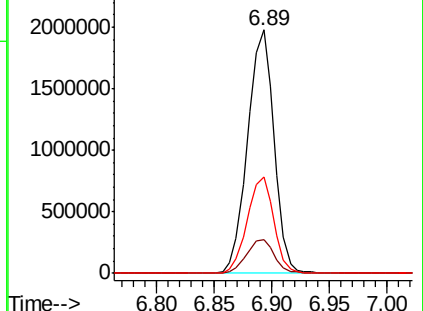
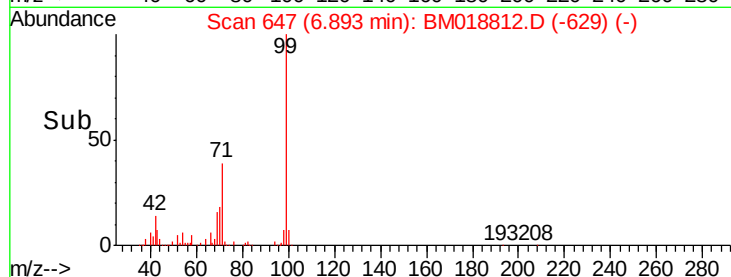
71 39.3 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018812.D (-629) (-)

Ion 42.00 (41.70 to 42.70): BM018812.D (-629) (-)

Ion 71.00 (70.70 to 71.70): BM018812.D (-629) (-)



#8

2-Chlorophenol

Concen: 48.070 ng

RT: 7.27 min Scan# 712

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

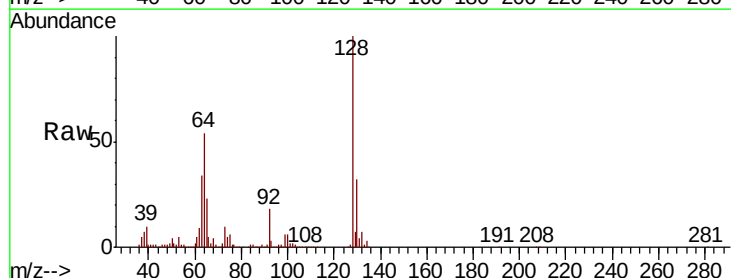
Tgt Ion: 128 Resp: 871648

Ion Ratio Lower Upper

128 100

130 31.9 11.7 51.7

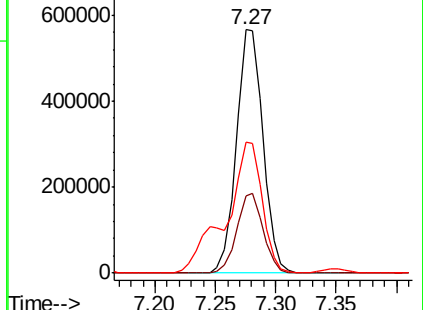
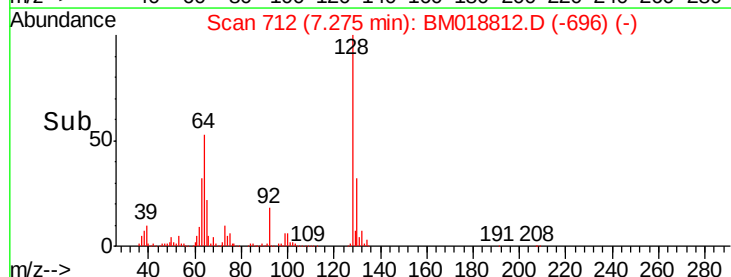
64 53.5 31.0 71.0



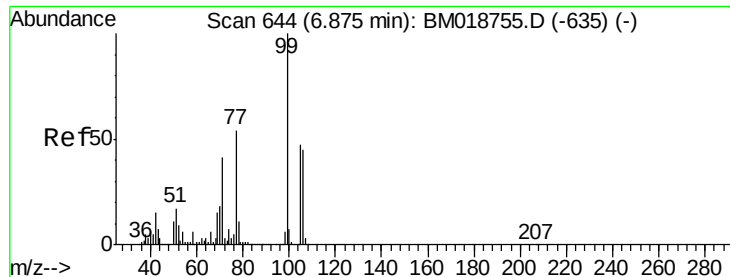
Abundance Ion 128.00 (127.70 to 128.70): BM018812.D (-696) (-)

Ion 130.00 (129.70 to 130.70): BM018812.D (-696) (-)

Ion 64.00 (63.70 to 64.70): BM018812.D (-696) (-)







#9

Benzaldehyde

Concen: 40.924 ng

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

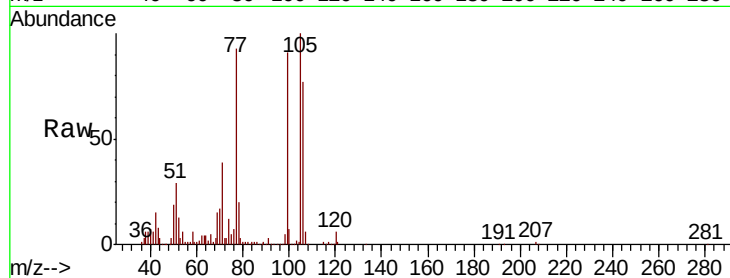
Tgt Ion: 77 Resp: 517175

Ion Ratio Lower Upper

77 100

105 108.1 67.3 107.3#

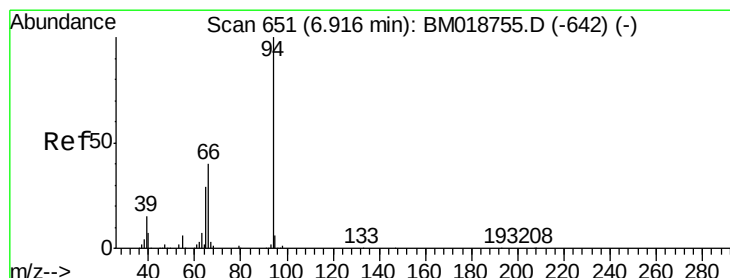
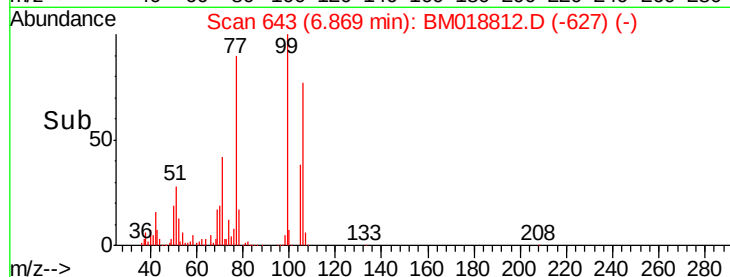
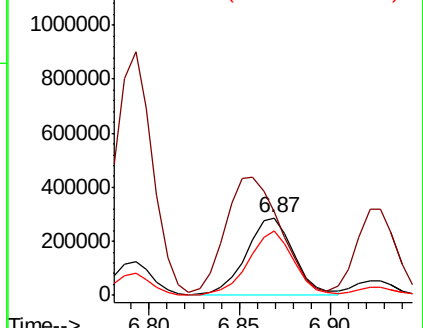
106 82.9 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018812.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018812.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018812.D (-627) (-)



#10

Phenol

Concen: 44.295 ng

RT: 6.92 min Scan# 651

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

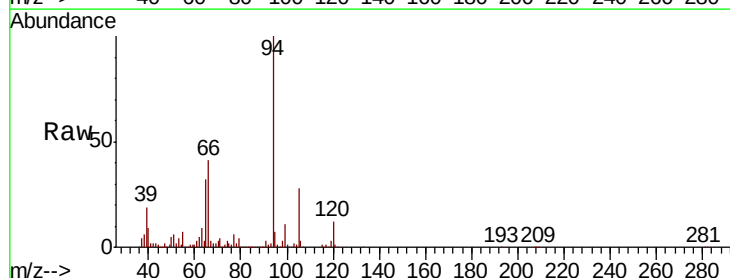
Tgt Ion: 94 Resp: 1084402

Ion Ratio Lower Upper

94 100

65 31.9 9.6 49.6

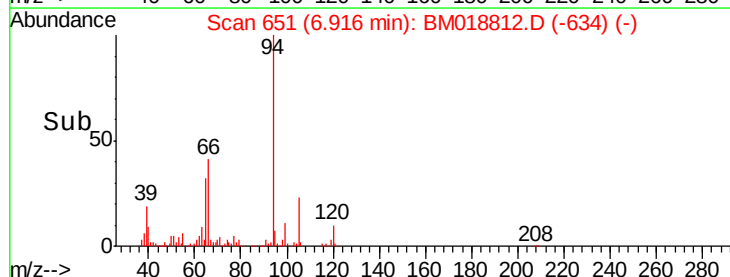
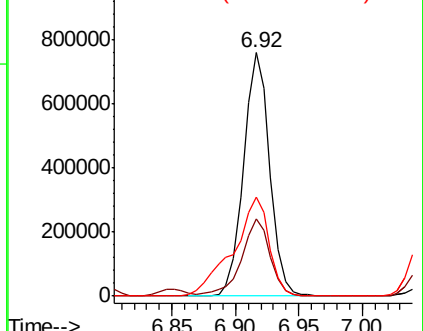
66 40.8 20.4 60.4



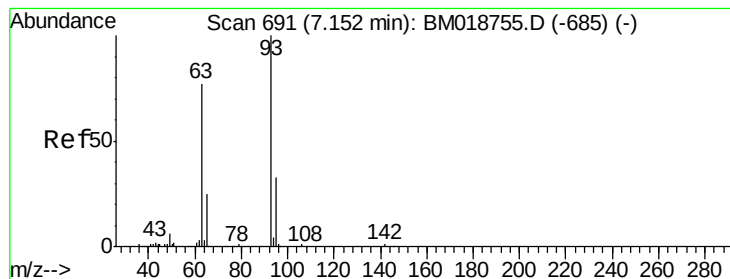
Abundance Ion 94.00 (93.70 to 94.70): BM018812.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018812.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018812.D (-634) (-)







#11

bis(2-Chloroethyl)ether

Concen: 45.049 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

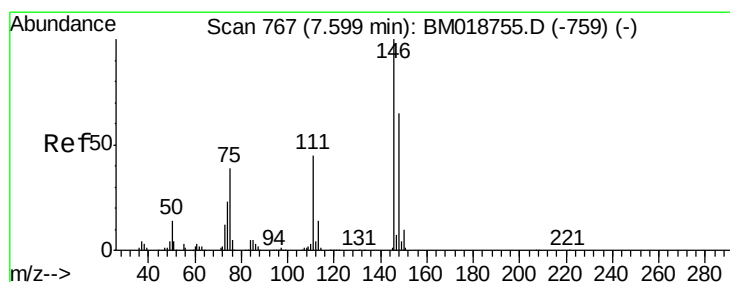
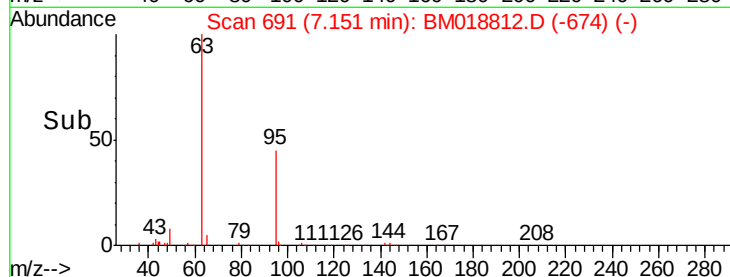
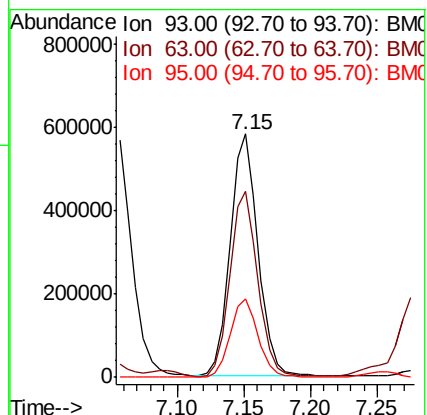
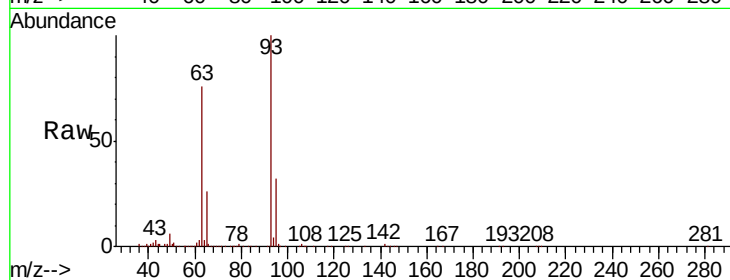
Tgt Ion: 93 Resp: 841274

Ion Ratio Lower Upper

93 100

63 76.2 57.0 97.0

95 32.2 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 38.889 ng

RT: 7.60 min Scan# 767

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

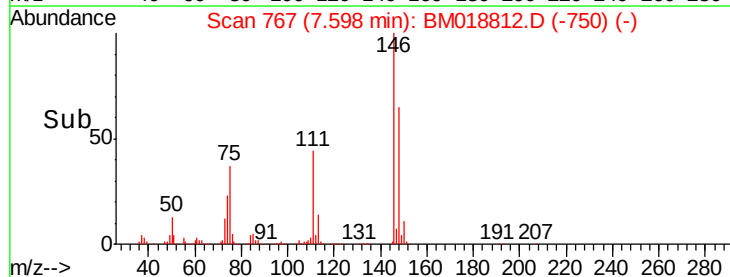
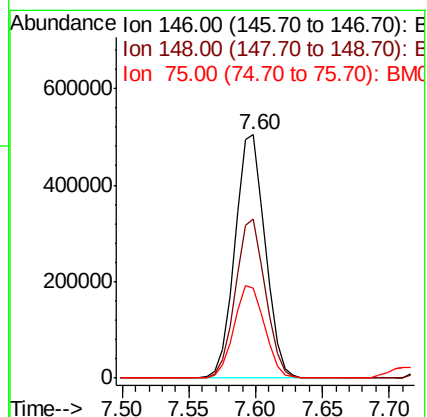
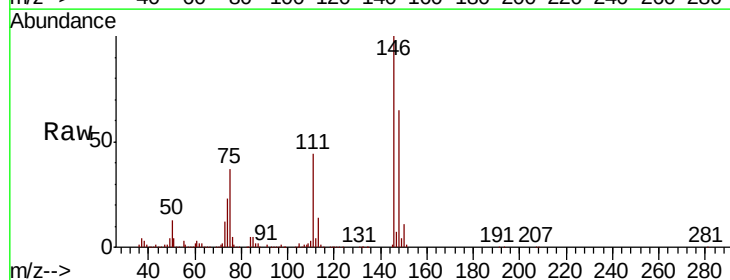
Tgt Ion: 146 Resp: 792936

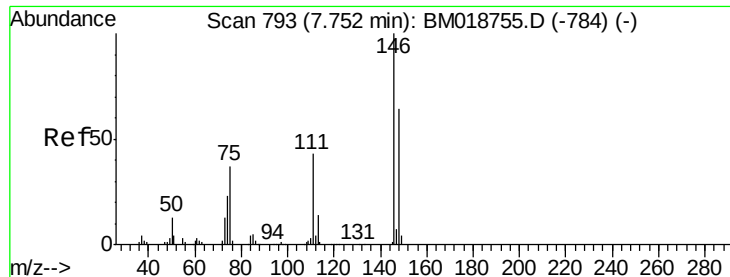
Ion Ratio Lower Upper

146 100

148 65.5 51.7 77.5

75 37.0 31.3 46.9

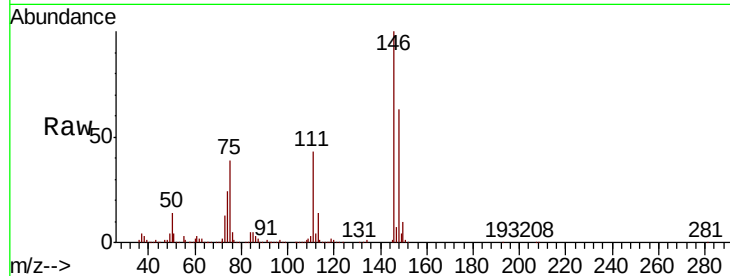




#13  
 1,4-Dichlorobenzene  
 Concen: 39.629 ng  
 RT: 7.75 min Scan# 792  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 63.0  | 51.4  | 77.2  |
| 111     | 43.3  | 34.6  | 52.0  |

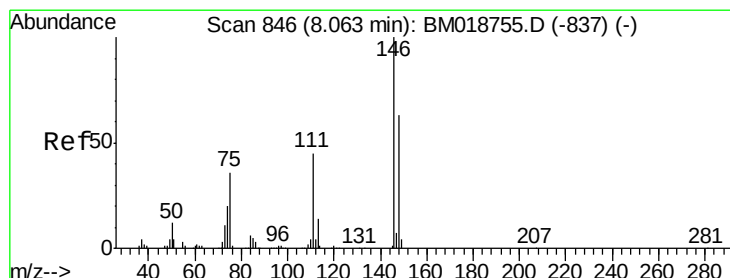
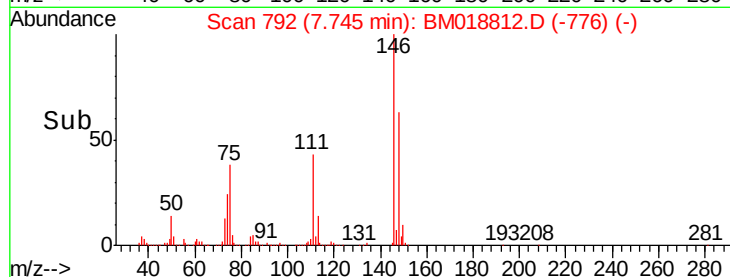
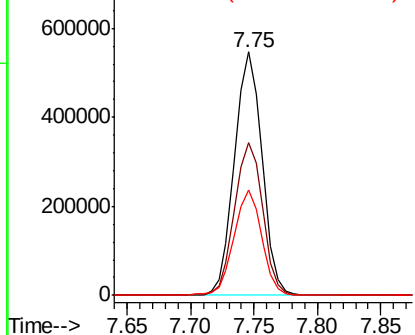


Abundance

Ion 146.00 (145.70 to 146.70): E

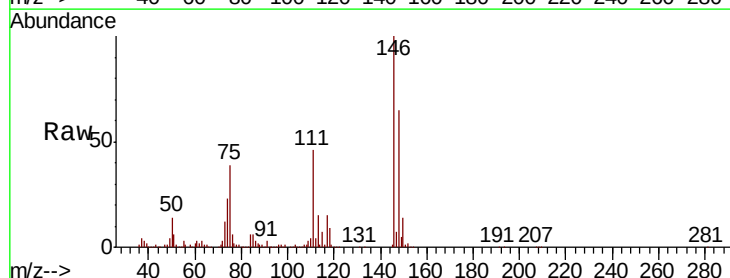
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14  
 1,2-Dichlorobenzene  
 Concen: 39.893 ng  
 RT: 8.06 min Scan# 845  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 148     | 64.9  | 50.7  | 76.1  |
| 111     | 45.7  | 35.9  | 53.9  |

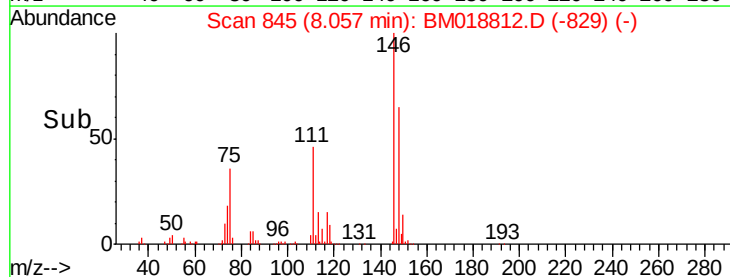
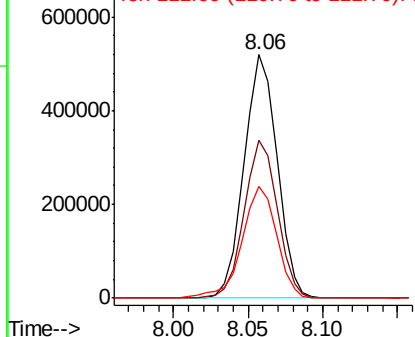


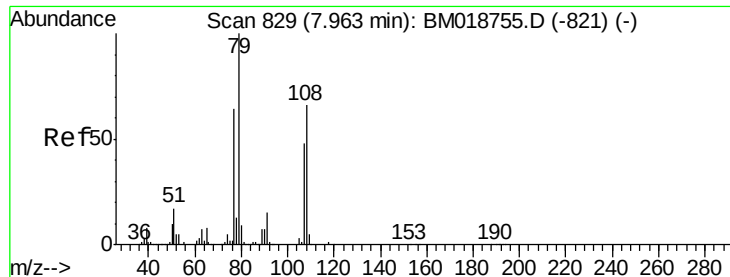
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.655 ng

RT: 7.96 min Scan# 829

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

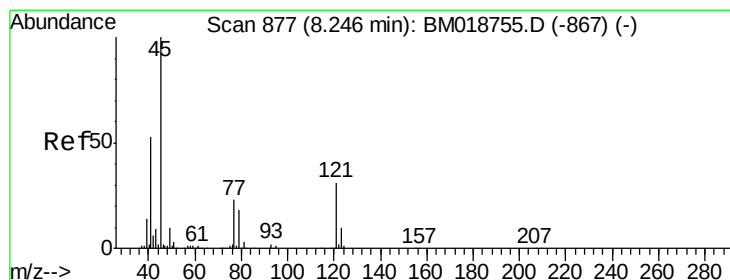
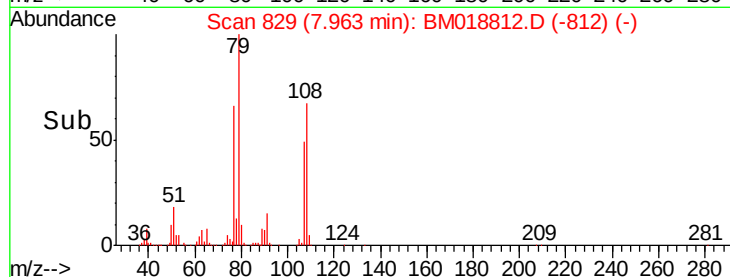
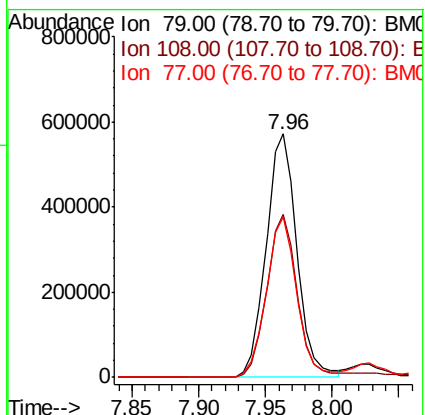
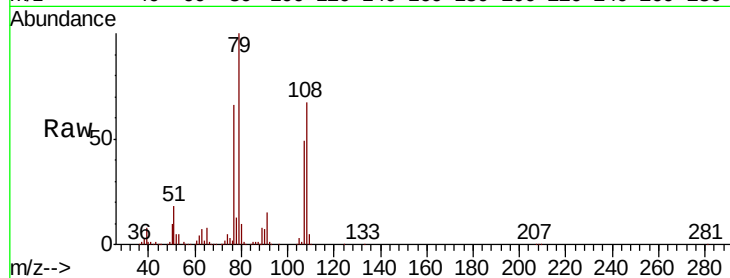
Tgt Ion: 79 Resp: 917981

Ion Ratio Lower Upper

79 100

108 66.7 52.7 79.1

77 66.0 51.0 76.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.323 ng

RT: 8.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

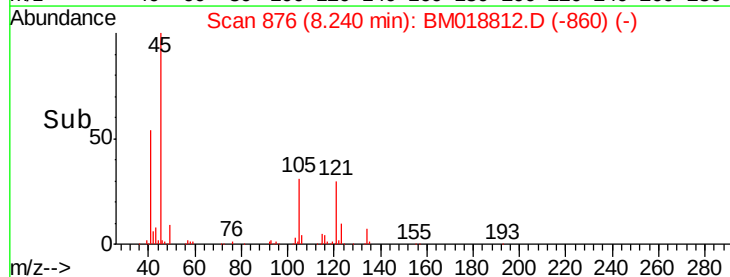
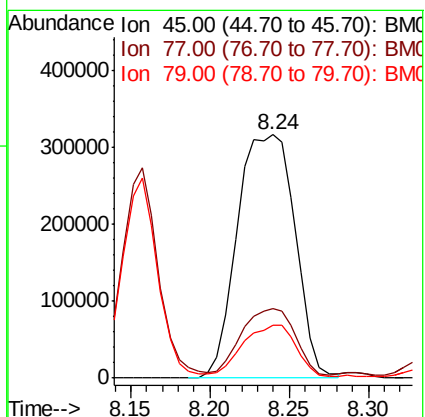
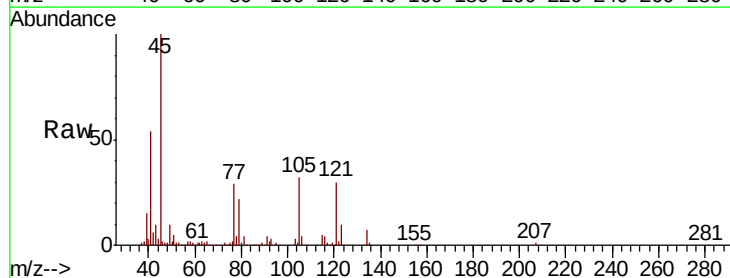
Tgt Ion: 45 Resp: 801110

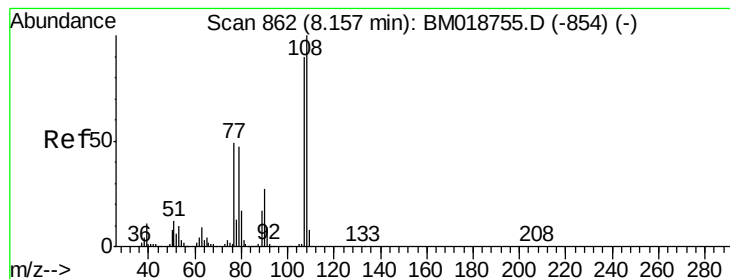
Ion Ratio Lower Upper

45 100

77 28.5 5.0 45.0

79 21.7 0.0 39.3

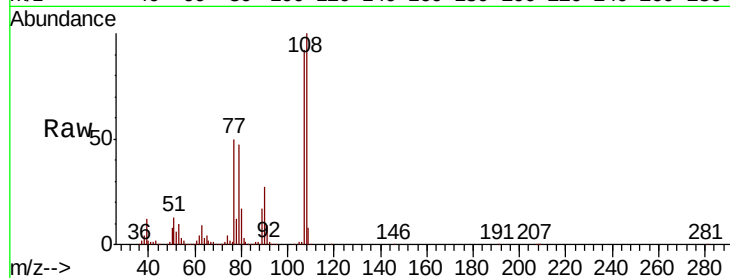




#17  
2-Methylphenol  
Concen: 49.887 ng  
RT: 8.16 min Scan# 862  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 107   | Resp: | 777311 |
| Ion      | Ratio | Lower | Upper  |
| 107      | 100   |       |        |
| 108      | 108.9 | 88.8  | 133.2  |
| 77       | 54.0  | 44.0  | 66.0   |
| 79       | 51.4  | 42.4  | 63.6   |



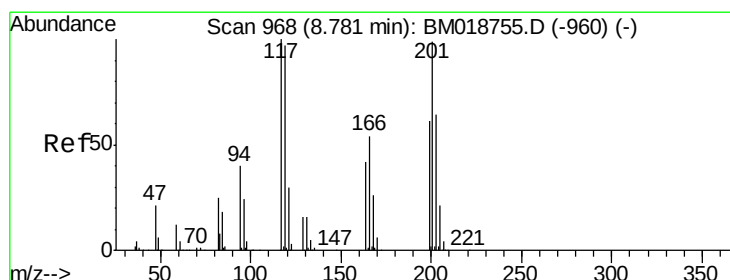
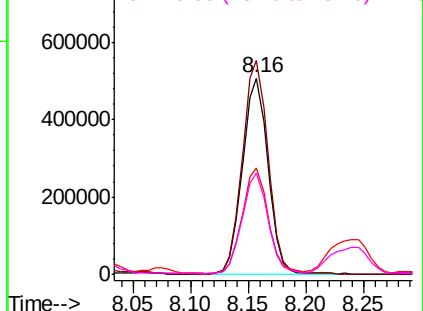
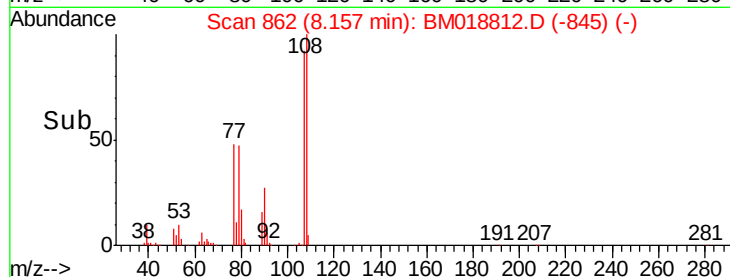
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

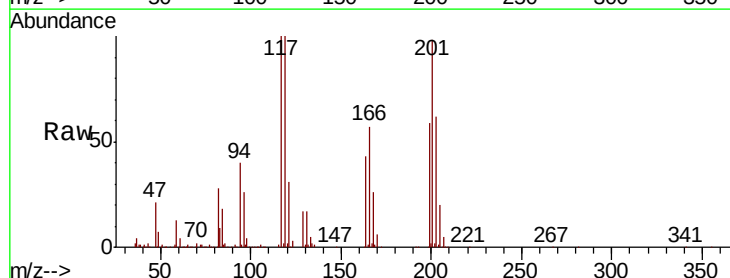
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18  
Hexachloroethane  
Concen: 48.347 ng  
RT: 8.77 min Scan# 967  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 366344 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 99.9  | 77.9  | 116.9  |
| 201      | 97.9  | 79.2  | 118.8  |

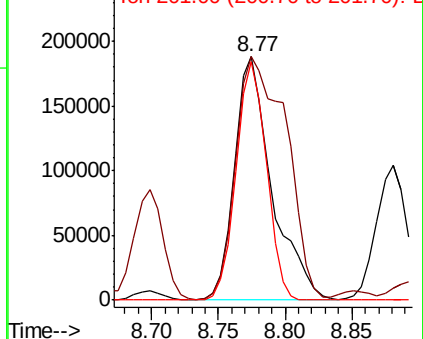
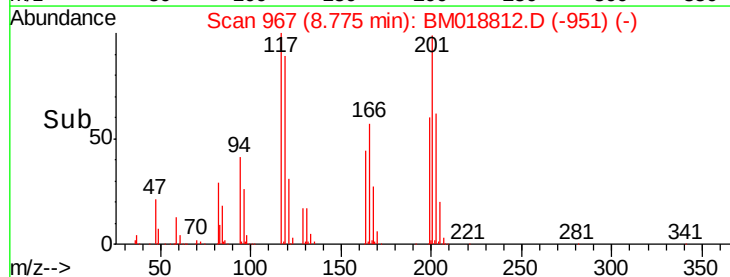


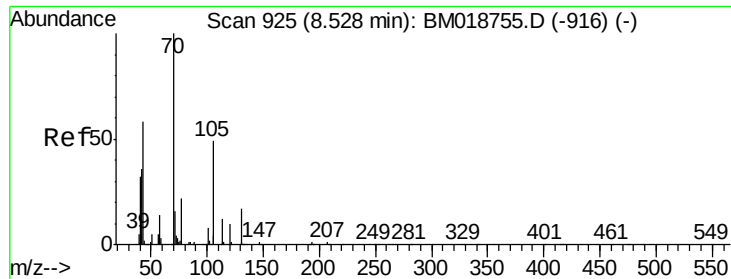
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

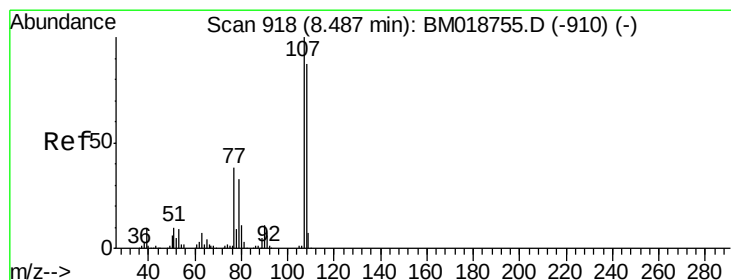
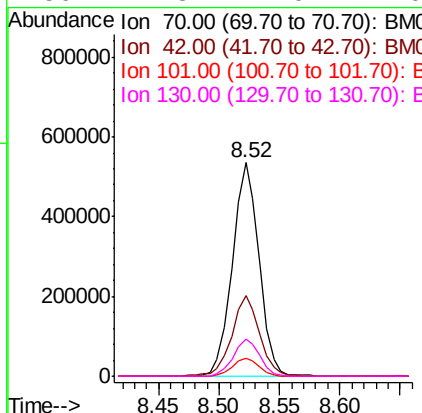
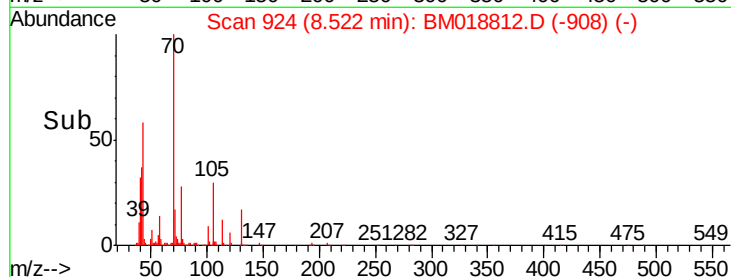
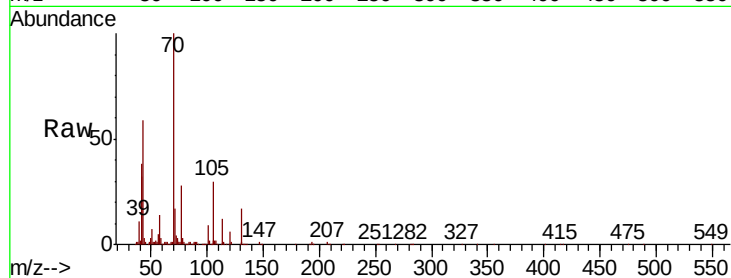




#19  
n-Nitroso-di-n-propylamine  
Concen: 45.579 ng  
RT: 8.52 min Scan# 924  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

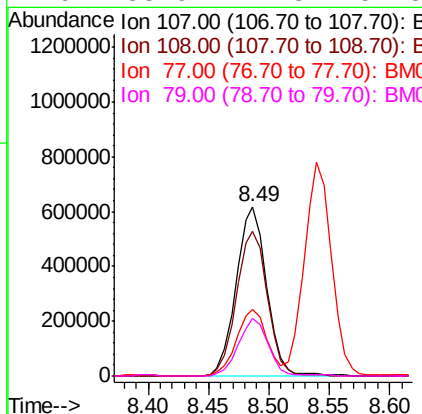
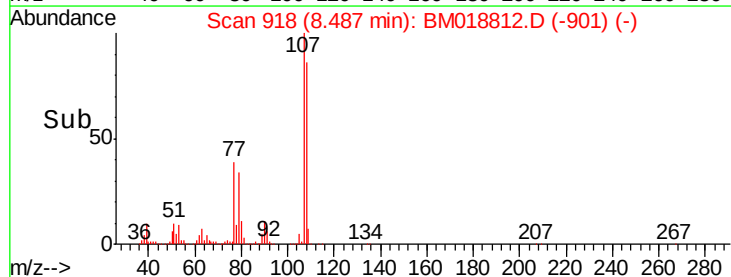
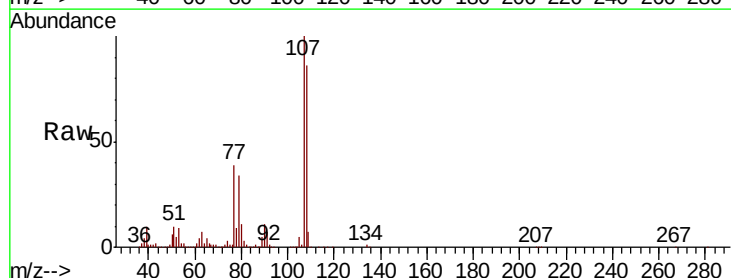
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

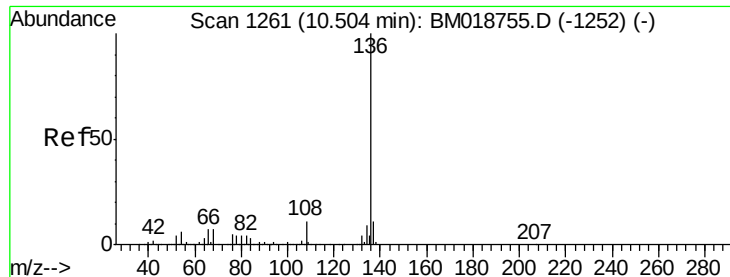
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 70    | Resp: | 821092 |
| Ion      | Ratio | Lower | Upper  |
| 70       | 100   |       |        |
| 42       | 37.6  | 29.4  | 44.0   |
| 101      | 8.6   | 6.7   | 10.1   |
| 130      | 17.3  | 14.0  | 21.0   |



#20  
3+4-Methylphenols  
Concen: 50.392 ng  
RT: 8.49 min Scan# 918  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 107   | Resp: | 1084224 |
| Ion      | Ratio | Lower | Upper   |
| 107      | 100   |       |         |
| 108      | 85.6  | 67.3  | 107.3   |
| 77       | 39.2  | 18.0  | 58.0    |
| 79       | 33.9  | 12.8  | 52.8    |

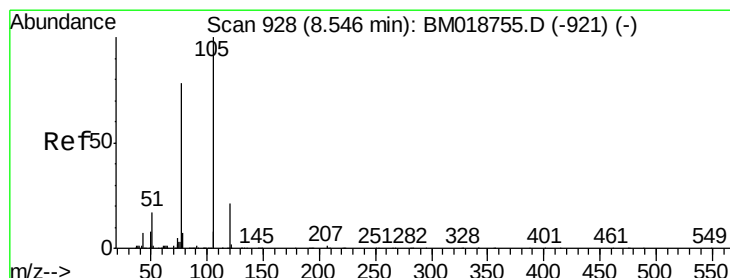
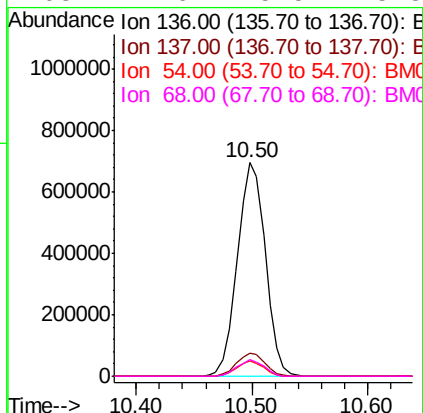
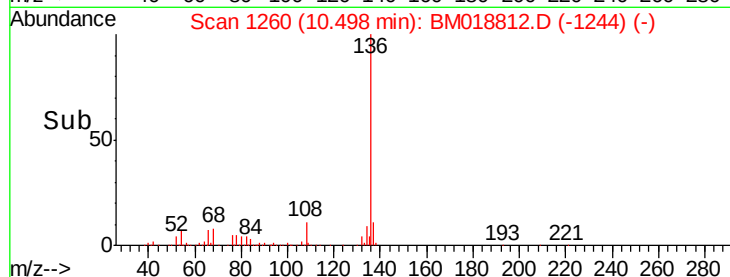
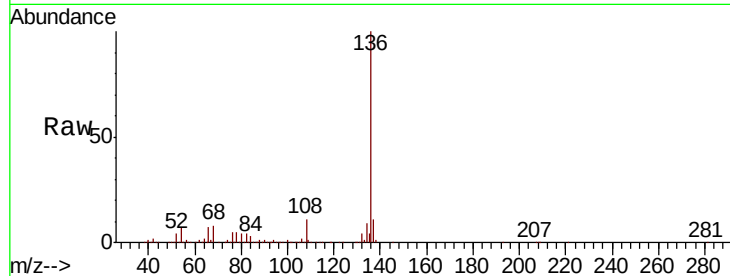




#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 10.50 min Scan# 1260  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

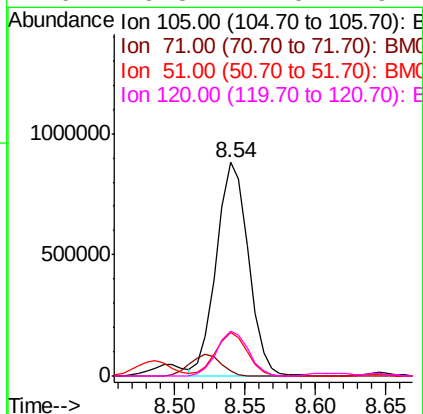
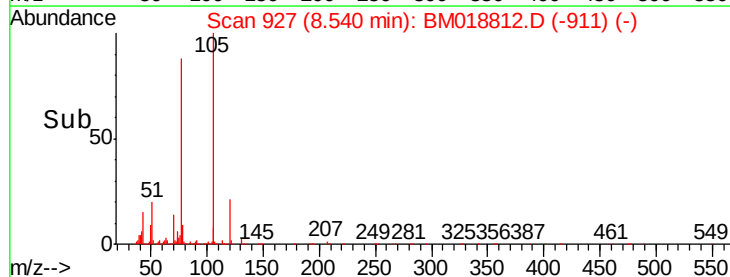
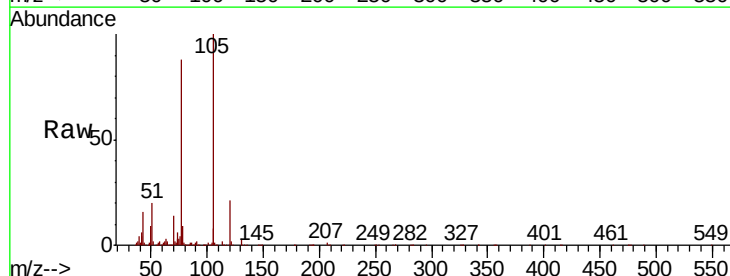
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

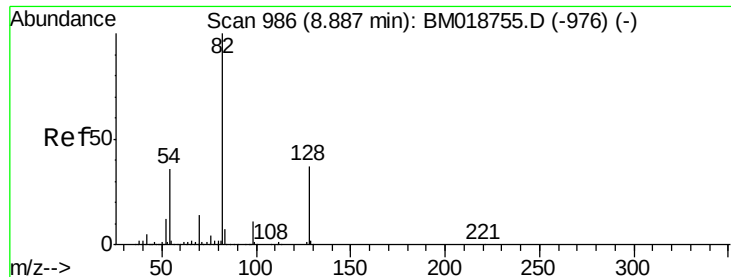
|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 136   | Resp: | 1165427 |
| Ion      | Ratio | Lower | Upper   |
| 136      | 100   |       |         |
| 137      | 10.6  | 8.8   | 13.2    |
| 54       | 7.0   | 5.0   | 7.6     |
| 68       | 7.6   | 5.5   | 8.3     |



#22  
Acetophenone  
Concen: 43.316 ng  
RT: 8.54 min Scan# 927  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 105   | Resp: | 1386314 |
| Ion      | Ratio | Lower | Upper   |
| 105      | 100   |       |         |
| 71       | 2.2   | 1.1   | 1.7#    |
| 51       | 20.2  | 15.5  | 23.3    |
| 120      | 20.8  | 17.0  | 25.4    |

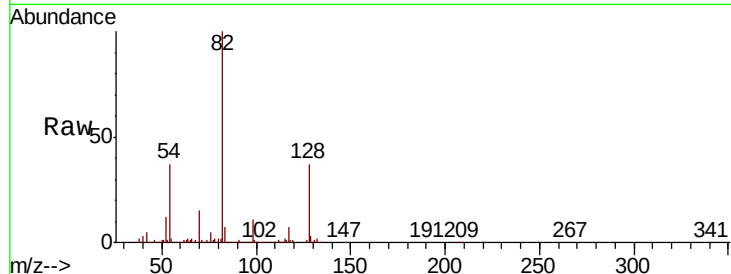




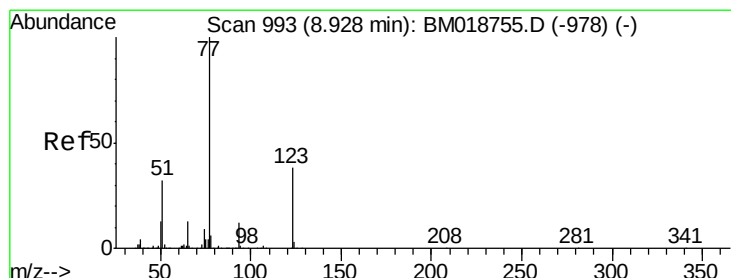
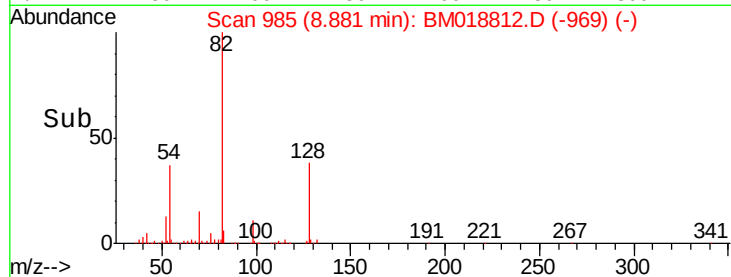
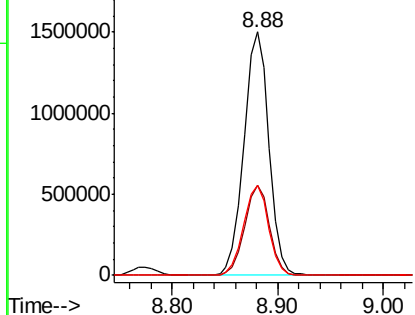
#23  
 Nitrobenzene-d5  
 Concen: 97.724 ng  
 RT: 8.88 min Scan# 985  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

Tgt Ion: 82 Resp: 2463104  
 Ion Ratio Lower Upper  
 82 100  
 128 37.1 29.9 44.9  
 54 36.9 29.1 43.7

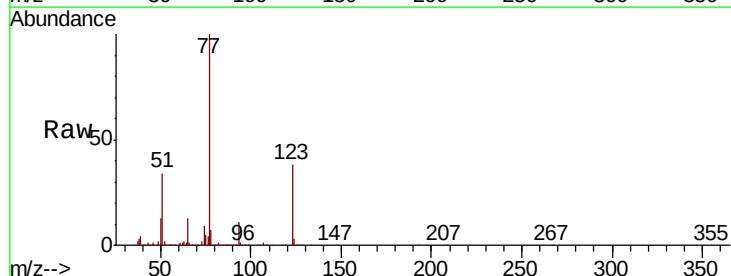


Abundance Ion 82.00 (81.70 to 82.70): BM018812.D (-969) (-)  
 Ion 128.00 (127.70 to 128.70): BM018812.D (-969) (-)  
 Ion 54.00 (53.70 to 54.70): BM018812.D (-969) (-)

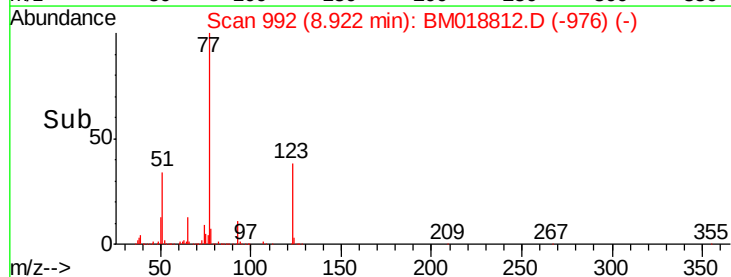
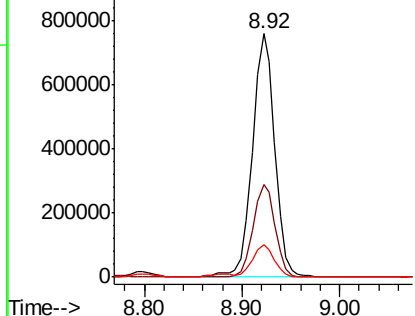


#24  
 Nitrobenzene  
 Concen: 46.487 ng  
 RT: 8.92 min Scan# 992  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

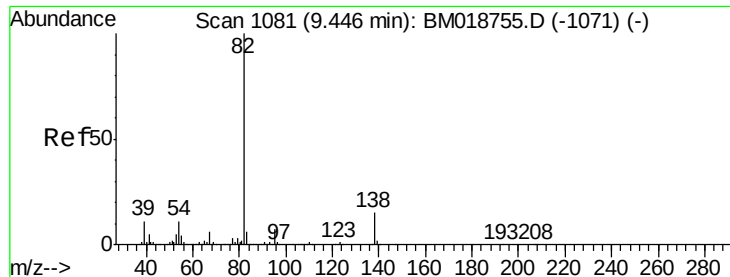
Tgt Ion: 77 Resp: 1216217  
 Ion Ratio Lower Upper  
 77 100  
 123 37.9 30.7 46.1  
 65 13.1 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018812.D (-976) (-)  
 Ion 123.00 (122.70 to 123.70): BM018812.D (-976) (-)  
 Ion 65.00 (64.70 to 65.70): BM018812.D (-976) (-)



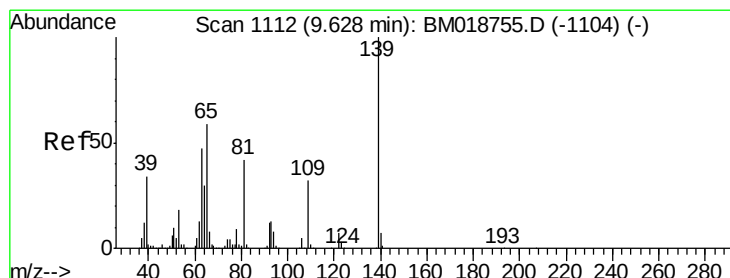
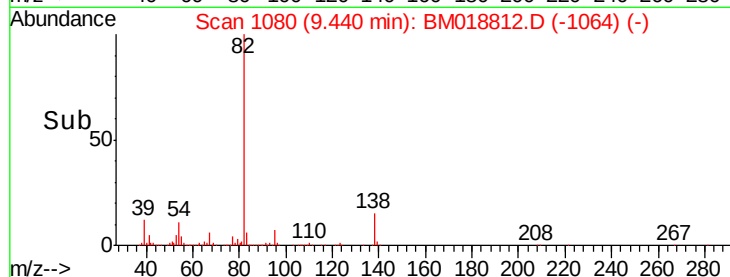
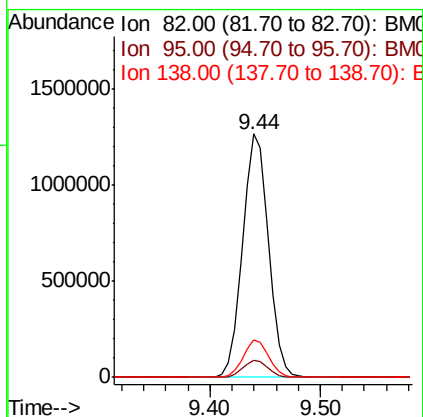
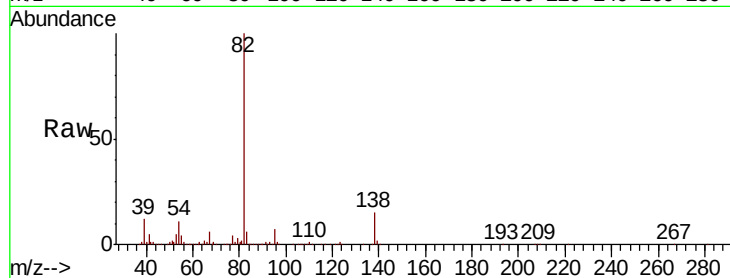




#25  
Isophorone  
Concen: 52.065 ng  
RT: 9.44 min Scan# 1080  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

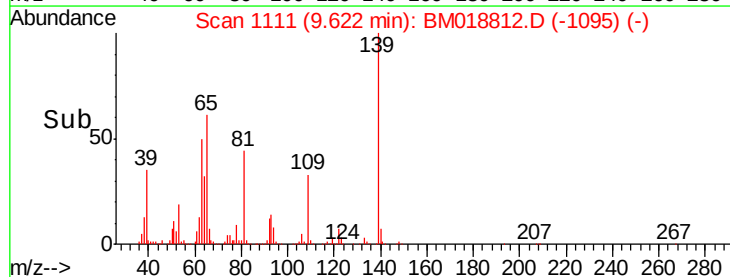
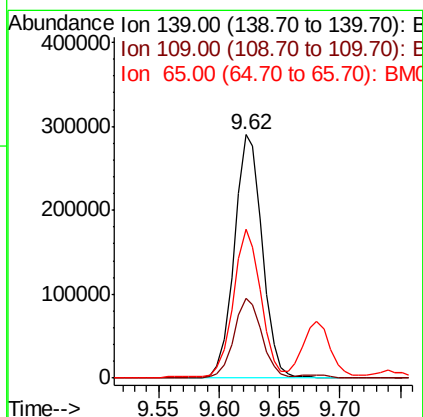
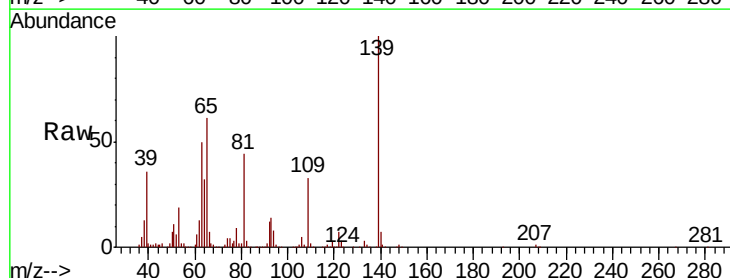
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

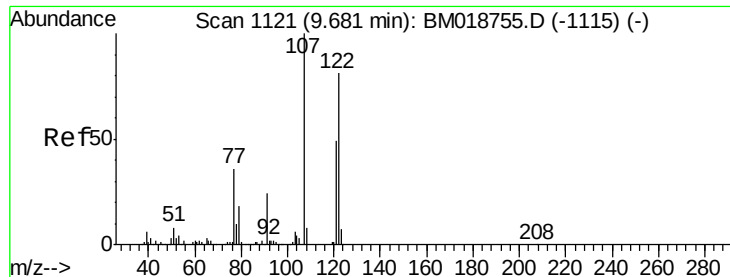
Tgt Ion: 82 Resp: 2093854  
Ion Ratio Lower Upper  
82 100  
95 6.9 5.7 8.5  
138 15.2 12.3 18.5



#26  
2-Nitrophenol  
Concen: 44.956 ng  
RT: 9.62 min Scan# 1111  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion: 139 Resp: 468389  
Ion Ratio Lower Upper  
139 100  
109 32.8 25.2 37.8  
65 61.1 47.0 70.4

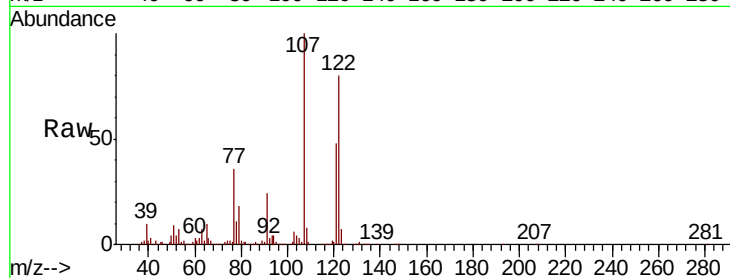




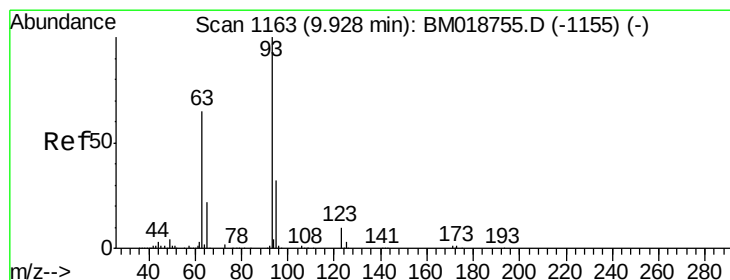
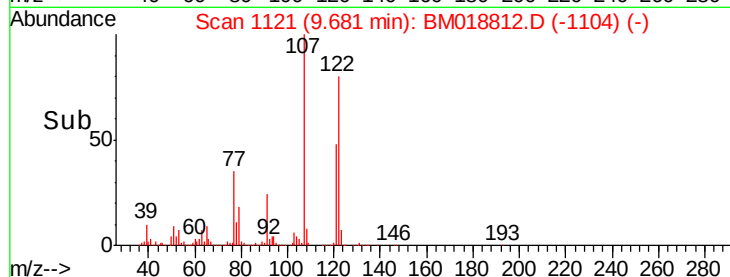
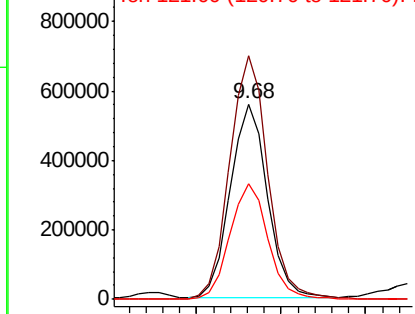
#27  
 2,4-Dimethylphenol  
 Concen: 56.220 ng  
 RT: 9.68 min Scan# 1121  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 122     | 100   |       |       |
| 107     | 124.6 | 97.6  | 146.4 |
| 121     | 59.3  | 47.9  | 71.9  |

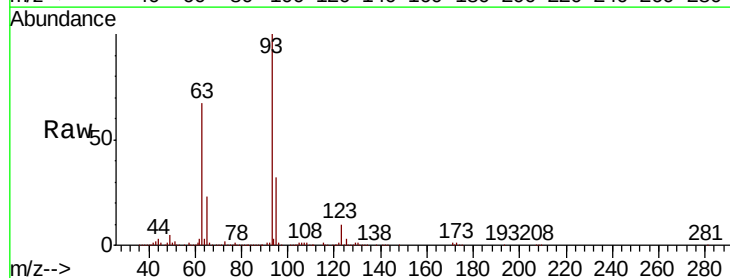


Abundance Ion 122.00 (121.70 to 122.70): E  
 Ion 107.00 (106.70 to 107.70): E  
 Ion 121.00 (120.70 to 121.70): E

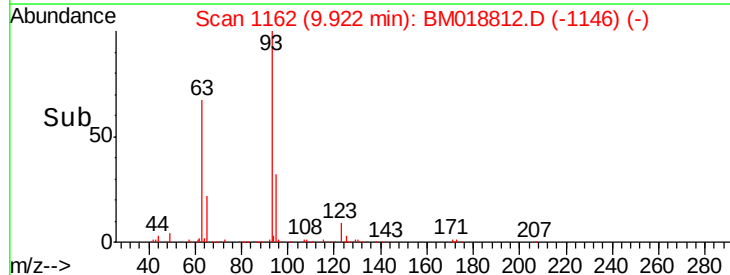
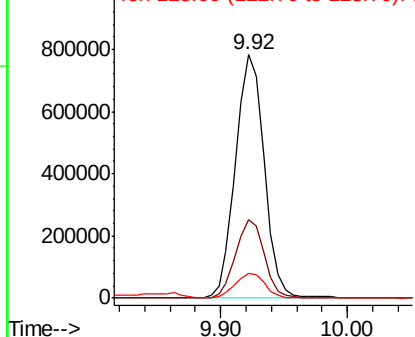


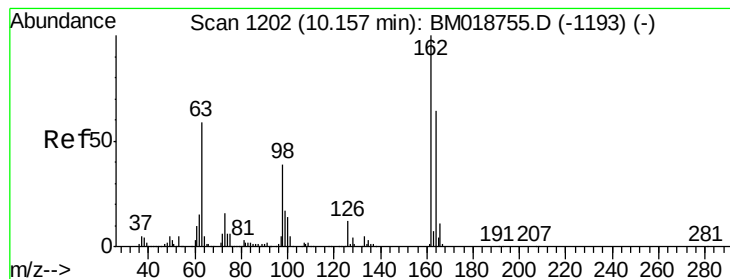
#28  
 bis(2-Chloroethoxy)methane  
 Concen: 47.010 ng  
 RT: 9.92 min Scan# 1162  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 32.2  | 25.6  | 38.4  |
| 123     | 10.2  | 8.2   | 12.4  |



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





#29

2,4-Dichlorophenol

Concen: 48.867 ng

RT: 10.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

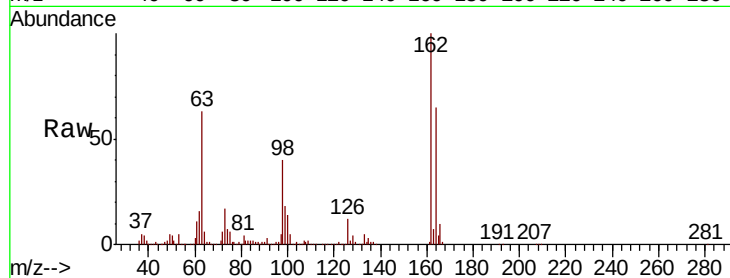
Tgt Ion:162 Resp: 853851

Ion Ratio Lower Upper

162 100

164 65.0 44.1 84.1

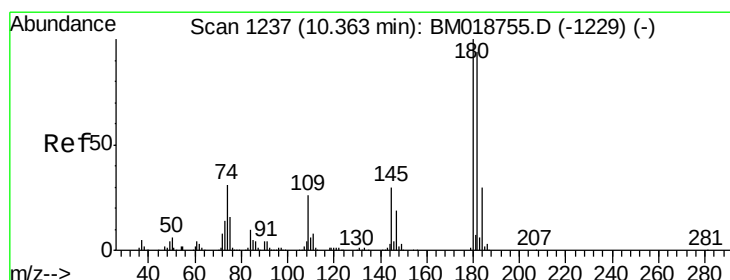
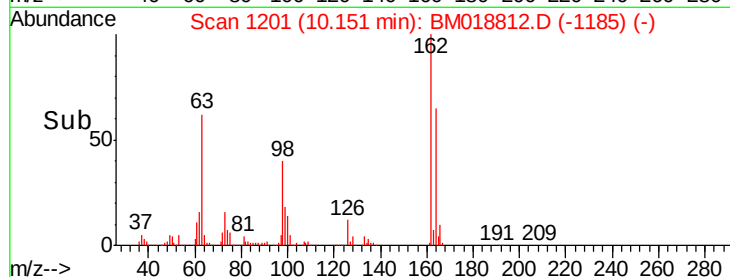
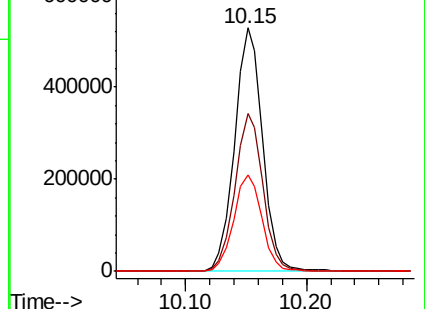
98 39.7 19.4 59.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 40.668 ng

RT: 10.36 min Scan# 1237

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

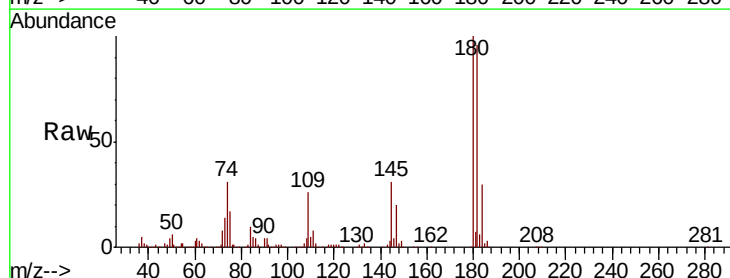
Tgt Ion:180 Resp: 820634

Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.6

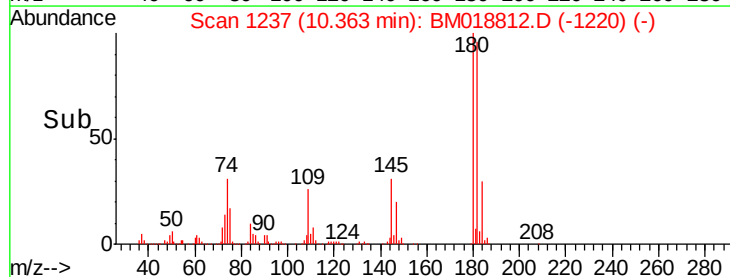
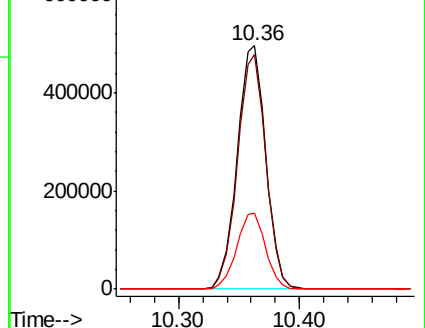
145 31.0 24.1 36.1

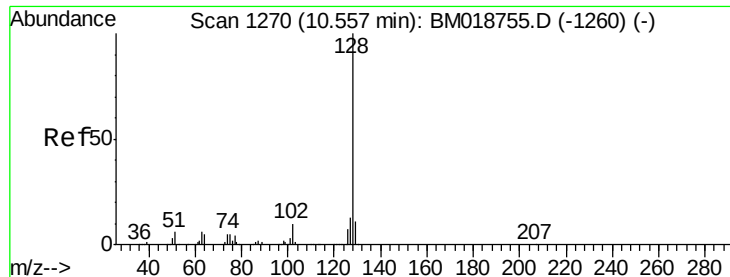


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

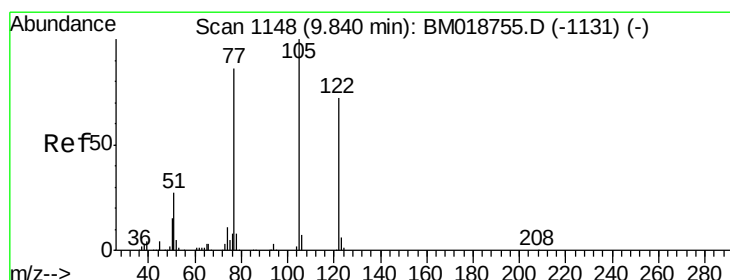
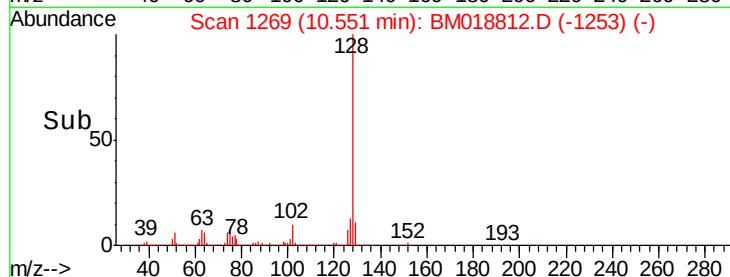
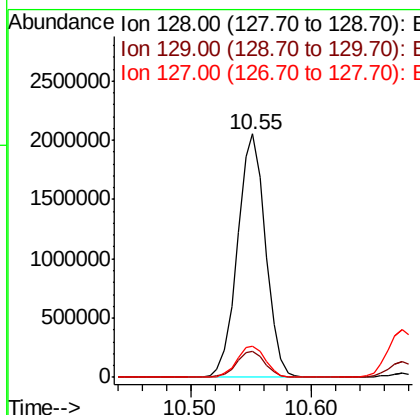
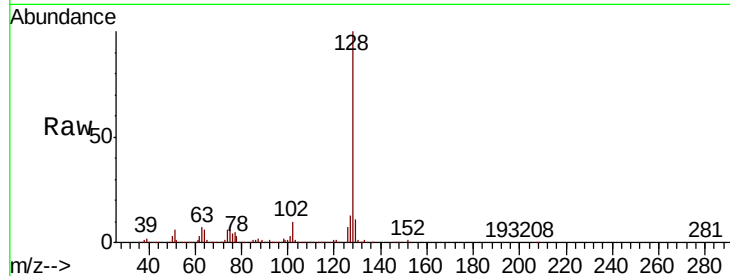




#31  
Naphthalene  
Concen: 58.416 ng  
RT: 10.55 min Scan# 1269  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

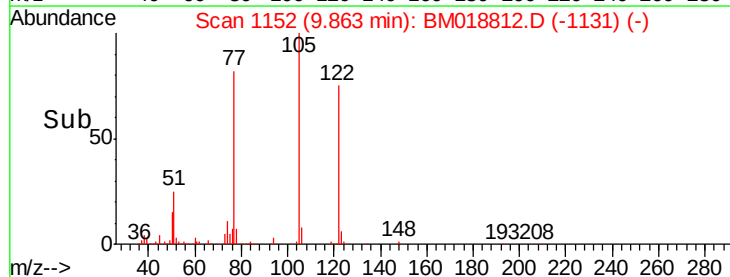
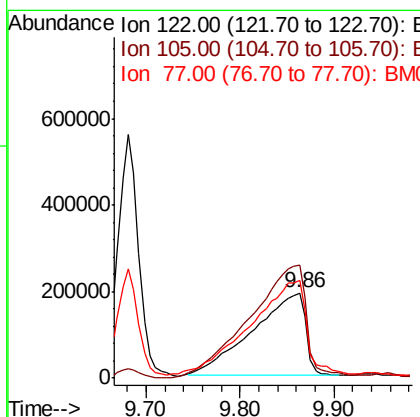
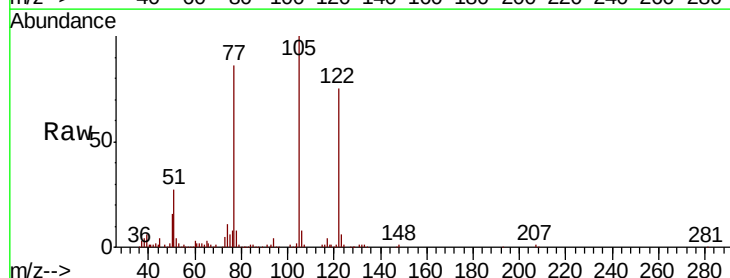
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

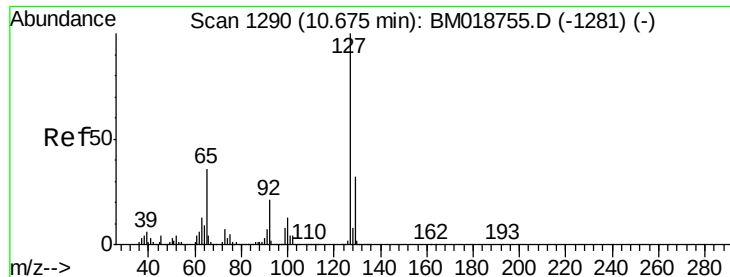
Tgt Ion:128 Resp: 3320280  
Ion Ratio Lower Upper  
128 100  
129 10.9 9.0 13.4  
127 13.0 10.7 16.1



#32  
Benzoic acid  
Concen: 55.762 ng  
RT: 9.86 min Scan# 1152  
Delta R.T. 0.02 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion:122 Resp: 740203  
Ion Ratio Lower Upper  
122 100  
105 133.2 117.5 157.5  
77 114.2 98.5 138.5

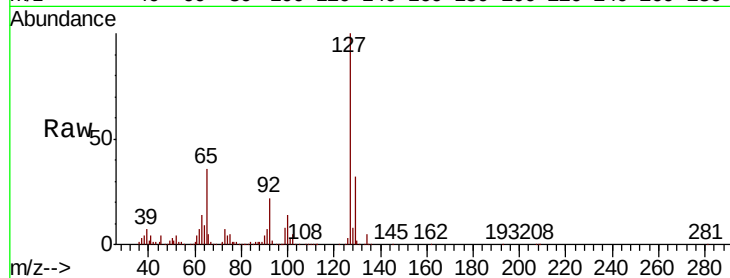




#33  
4-Chloroaniline  
Concen: 27.505 ng  
RT: 10.67 min Scan# 1290  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 127   | Resp: | 698831 |
| Ion      | Ratio | Lower | Upper  |
| 127      | 100   |       |        |
| 129      | 32.3  | 25.7  | 38.5   |
| 65       | 35.9  | 28.7  | 43.1   |
| 92       | 21.6  | 17.0  | 25.4   |



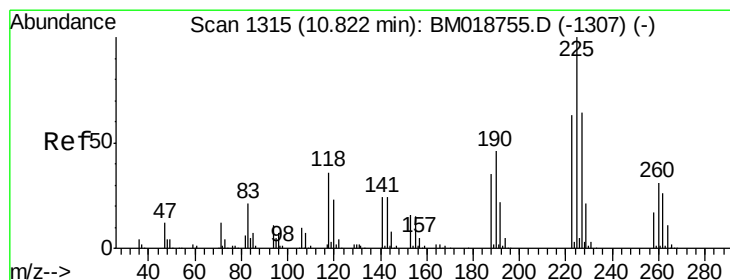
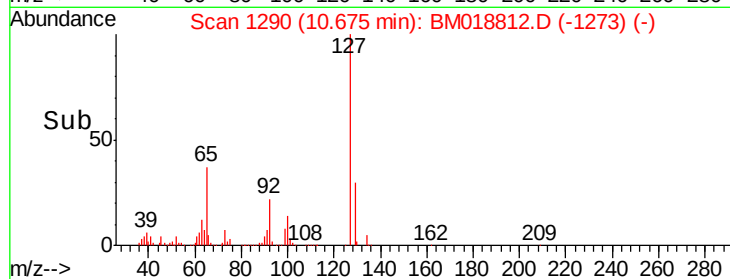
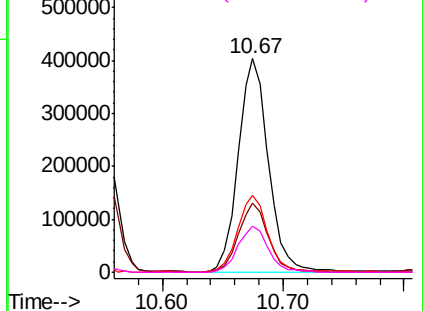
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

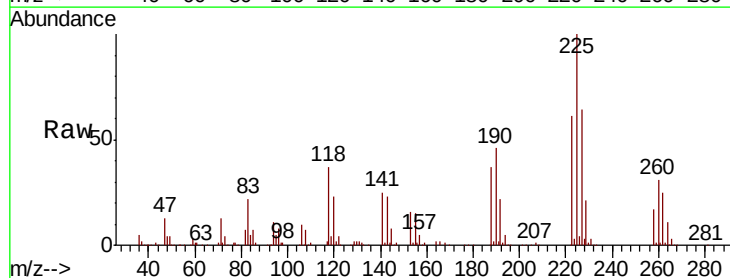
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34  
Hexachlorobutadiene  
Concen: 37.908 ng  
RT: 10.82 min Scan# 1314  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 225   | Resp: | 444008 |
| Ion      | Ratio | Lower | Upper  |
| 225      | 100   |       |        |
| 223      | 61.1  | 50.1  | 75.1   |
| 227      | 64.0  | 51.4  | 77.0   |

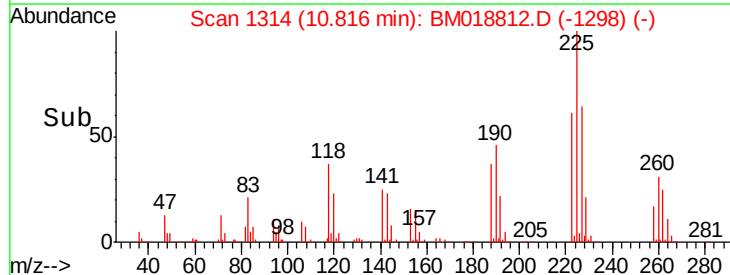
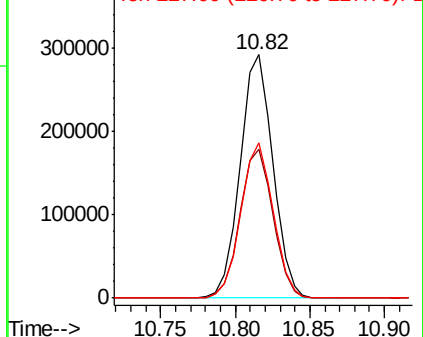


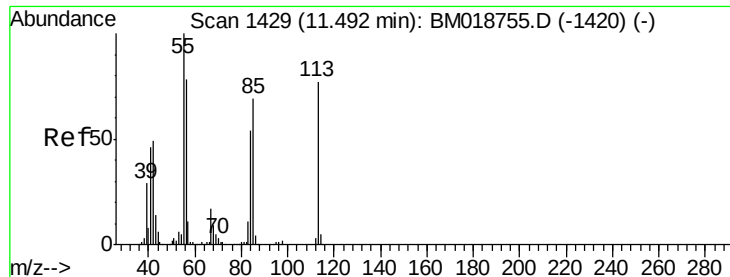
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

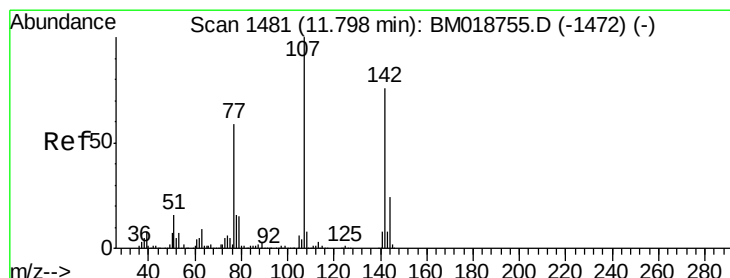
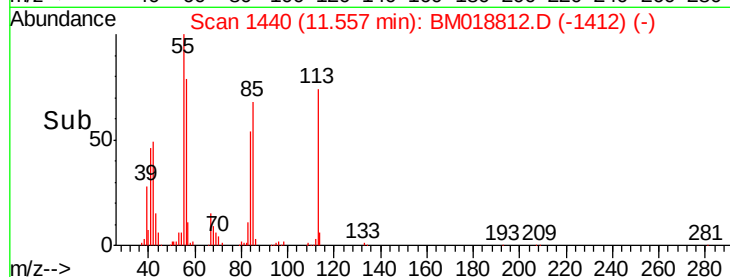
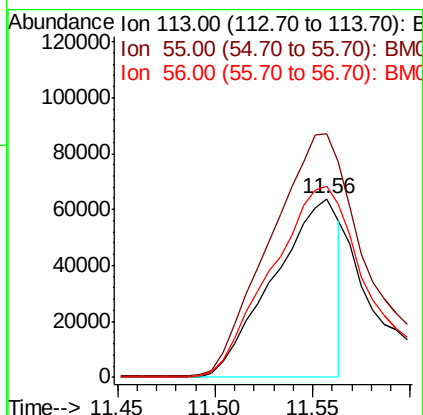
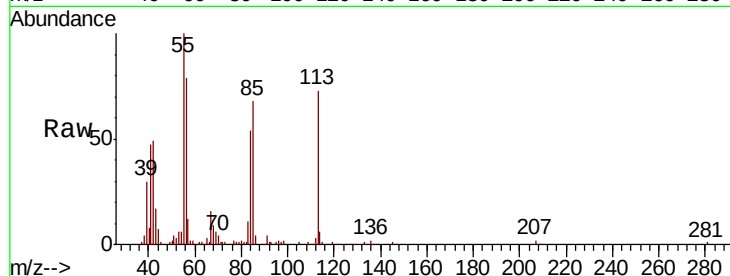




#35  
 Caprolactam  
 Concen: 20.789 ng  
 RT: 11.56 min Scan# 1440  
 Delta R.T. 0.06 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

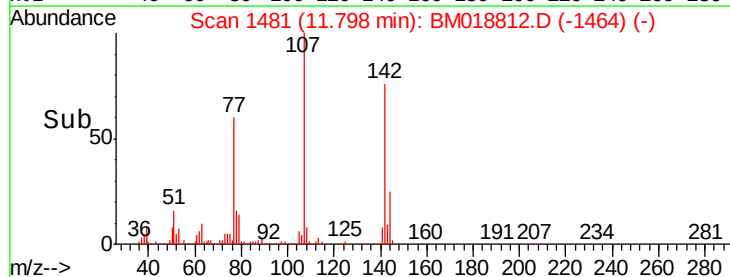
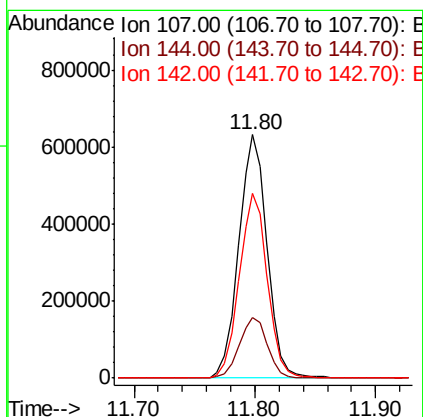
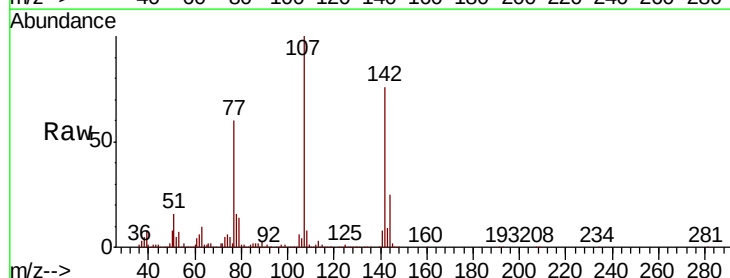
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

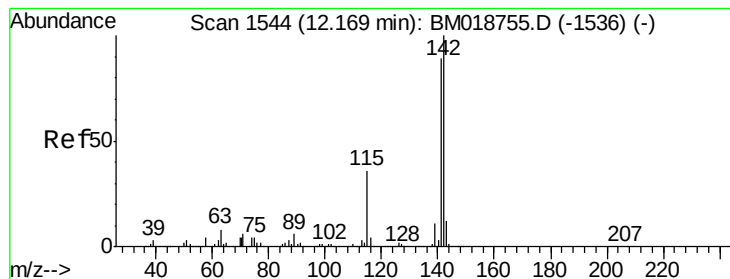
Tgt Ion:113 Resp: 148249  
 Ion Ratio Lower Upper  
 113 100  
 55 136.4 110.7 150.7  
 56 107.1 82.4 122.4



#36  
 4-Chloro-3-methylphenol  
 Concen: 48.852 ng  
 RT: 11.80 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Tgt Ion:107 Resp: 1029158  
 Ion Ratio Lower Upper  
 107 100  
 144 24.9 19.3 28.9  
 142 76.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 52.442 ng

RT: 12.17 min Scan# 1544

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

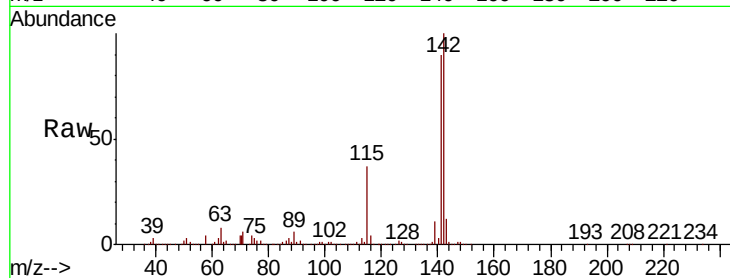
Tgt Ion:142 Resp: 2098636

Ion Ratio Lower Upper

142 100

141 90.2 71.2 106.8

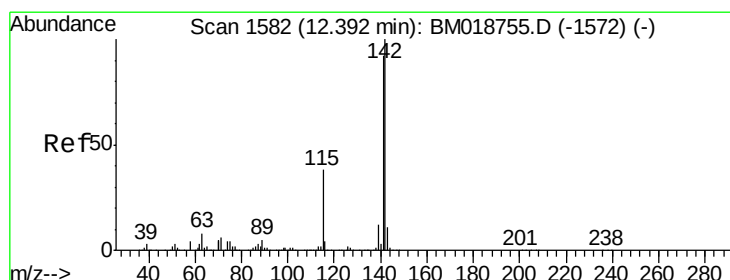
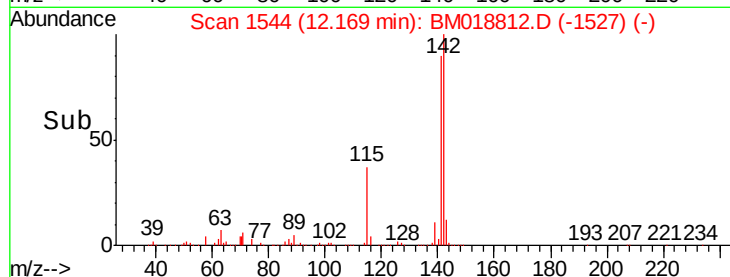
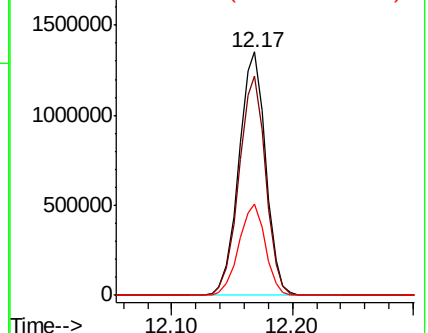
115 37.4 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 49.513 ng

RT: 12.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

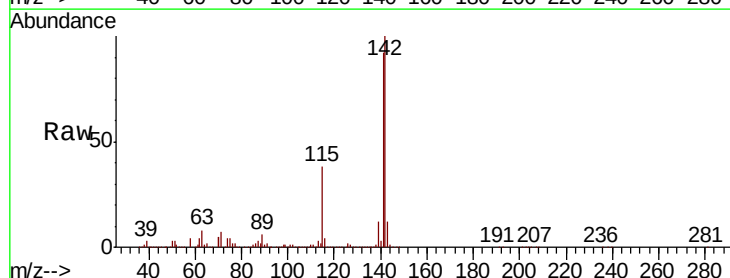
Tgt Ion:142 Resp: 1937563

Ion Ratio Lower Upper

142 100

141 92.4 73.9 110.9

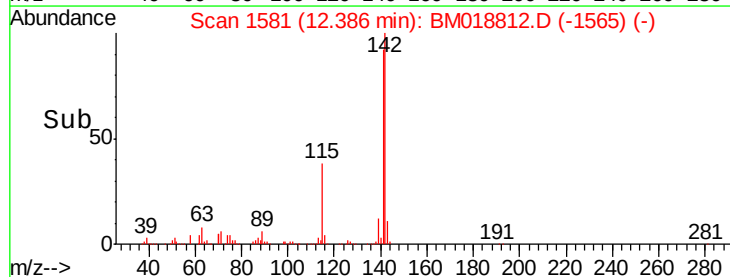
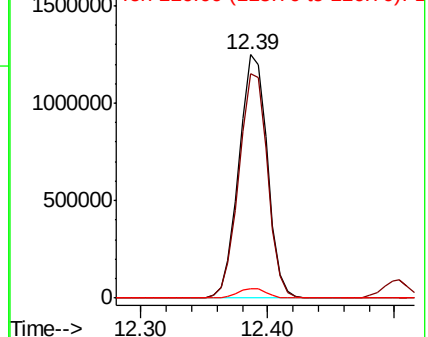
116 4.1 3.0 4.4

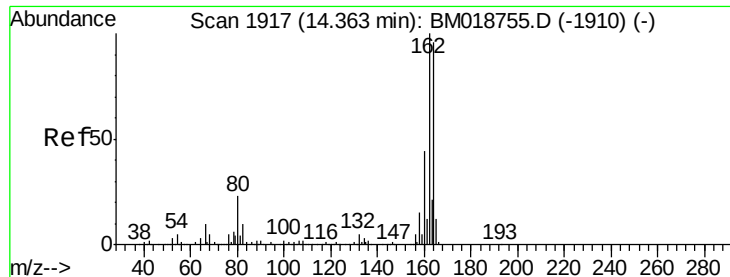


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.36 min Scan# 1917

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

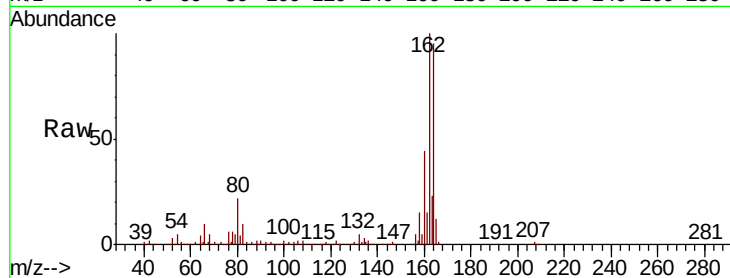
Tgt Ion:164 Resp: 688136

Ion Ratio Lower Upper

164 100

162 105.2 83.4 125.0

160 46.2 36.6 55.0

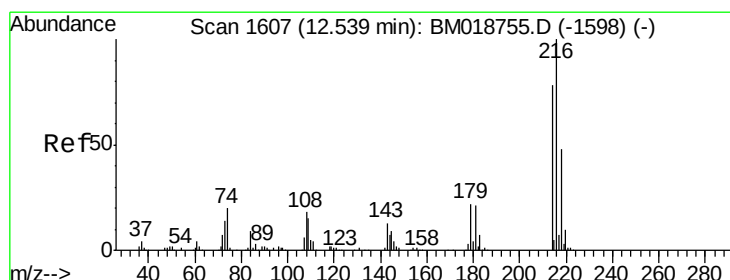
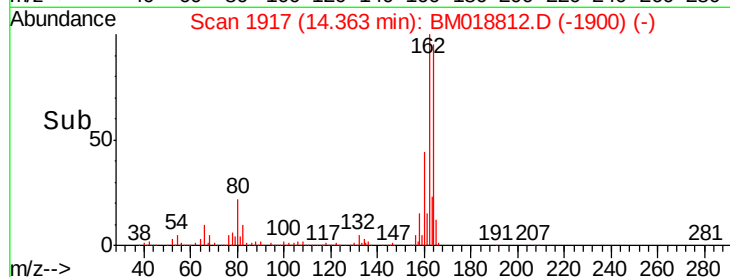
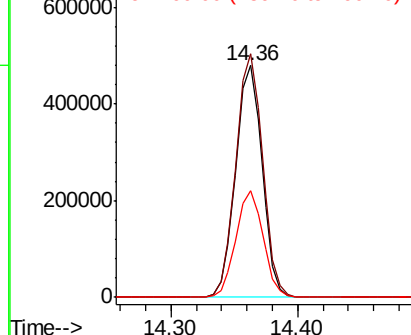


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.624 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Tgt Ion:216 Resp: 916267

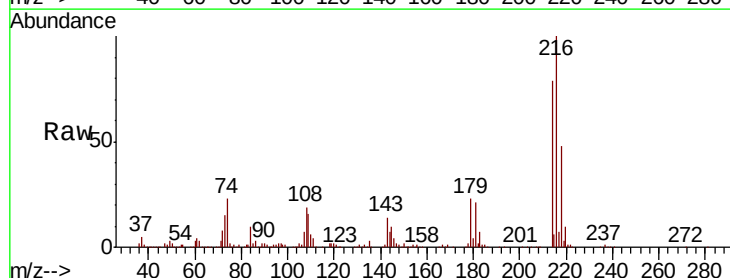
Ion Ratio Lower Upper

216 100

214 79.5 63.2 94.8

179 22.7 17.8 26.8

108 23.4 16.4 24.6



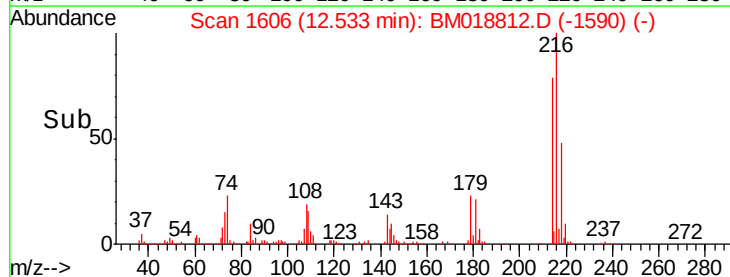
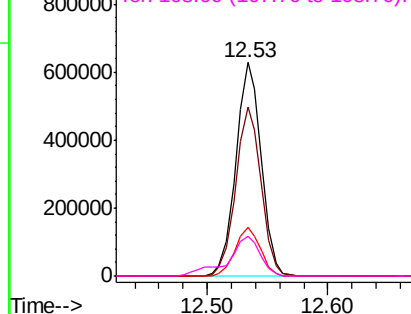
Abundance

Ion 216.00 (215.70 to 216.70): E

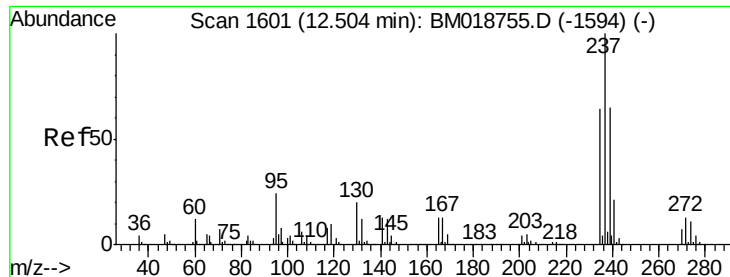
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E







#41

Hexachlorocyclopentadiene

Concen: 95.348 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

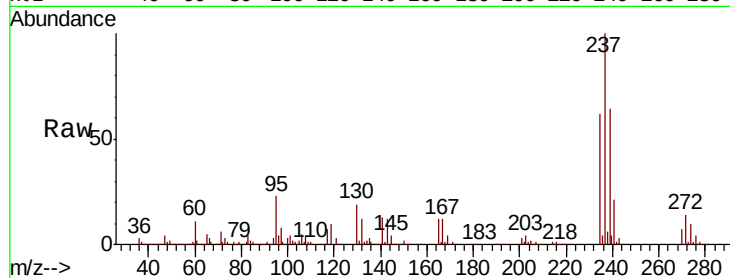
Tgt Ion:237 Resp: 1073100

Ion Ratio Lower Upper

237 100

235 62.4 43.7 83.7

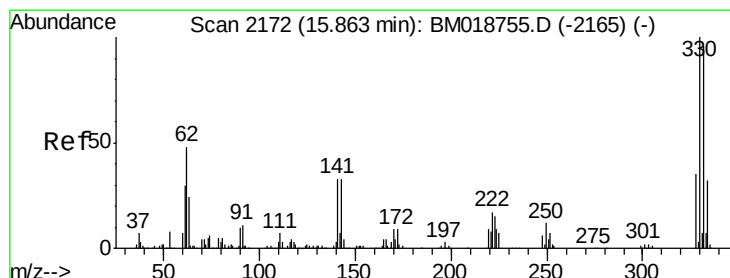
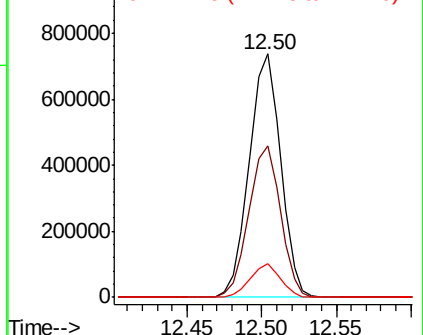
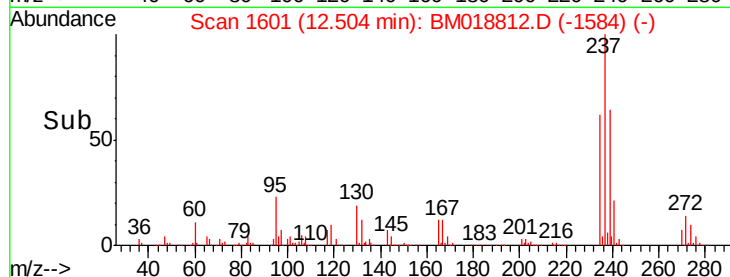
272 13.6 0.0 33.3



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



#42

2,4,6-Tribromophenol

Concen: 156.493 ng

RT: 15.86 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

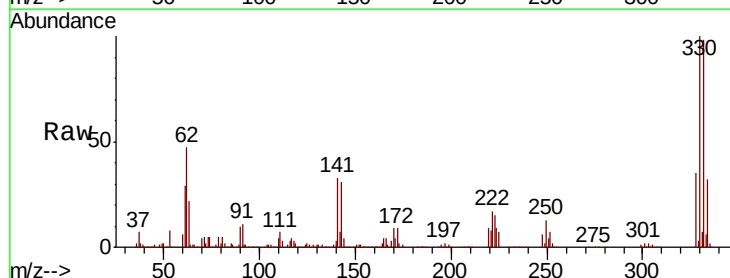
Tgt Ion:330 Resp: 1552296

Ion Ratio Lower Upper

330 100

332 96.7 76.9 115.3

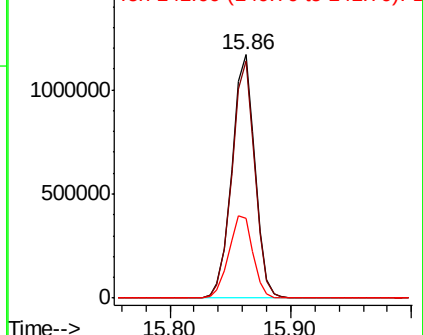
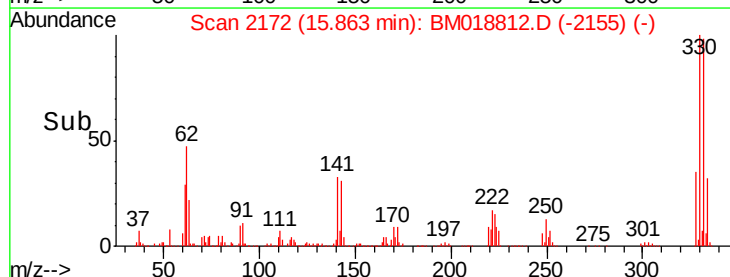
141 35.7 28.7 43.1

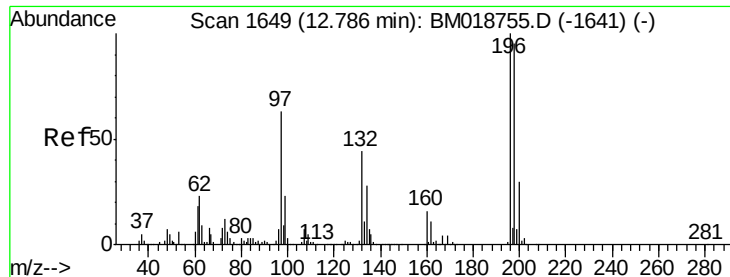


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

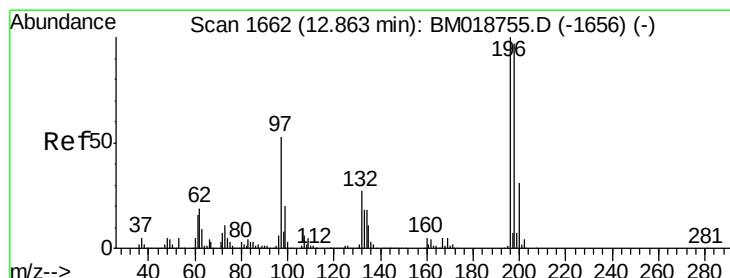
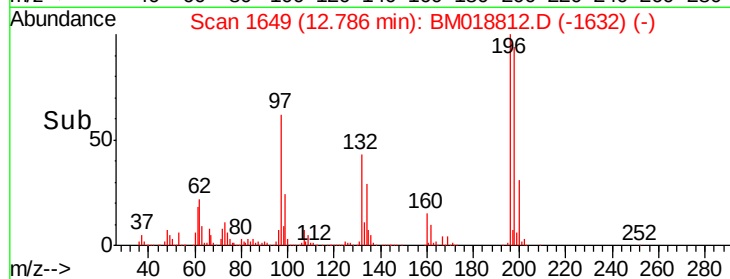
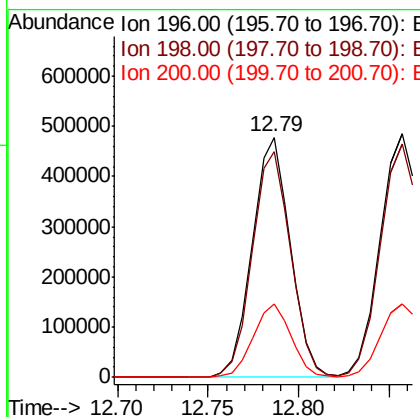
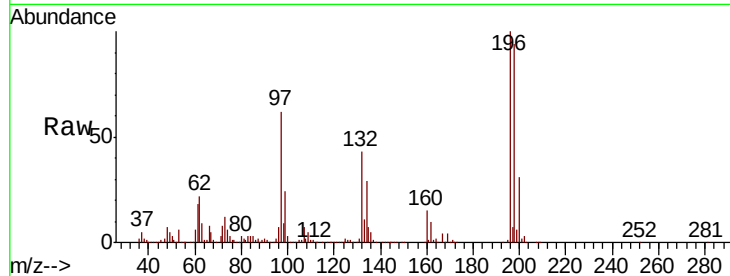




#43  
 2,4,6-Trichlorophenol  
 Concen: 47.908 ng  
 RT: 12.79 min Scan# 1649  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

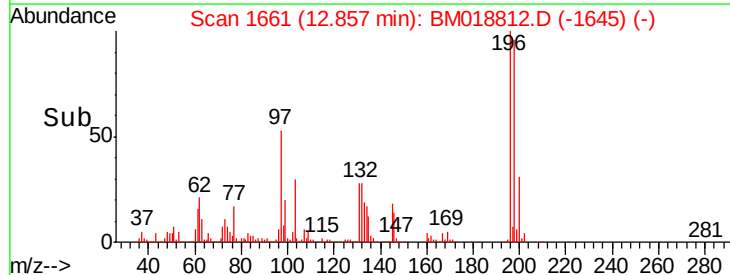
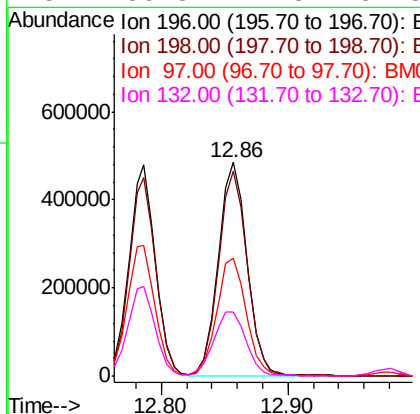
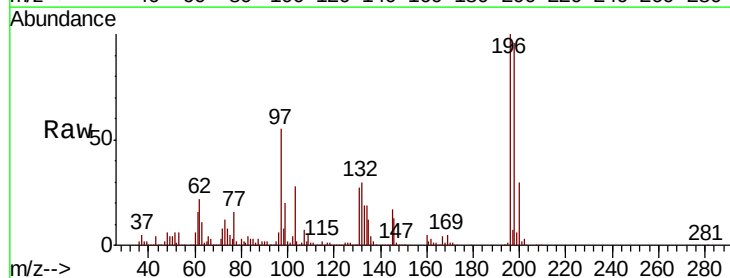
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

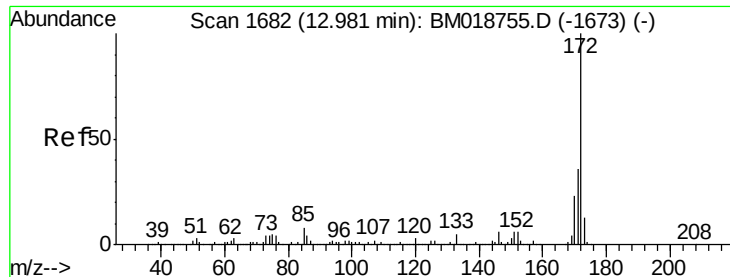
Tgt Ion:196 Resp: 698145  
 Ion Ratio Lower Upper  
 196 100  
 198 94.1 76.2 114.2  
 200 30.5 24.2 36.2



#44  
 2,4,5-Trichlorophenol  
 Concen: 49.516 ng  
 RT: 12.86 min Scan# 1661  
 Delta R.T. -0.01 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Tgt Ion:196 Resp: 756308  
 Ion Ratio Lower Upper  
 196 100  
 198 95.9 77.6 116.4  
 97 55.0 42.8 64.2  
 132 30.3 21.8 32.8

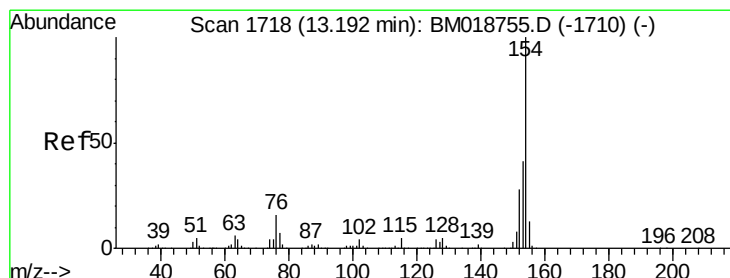
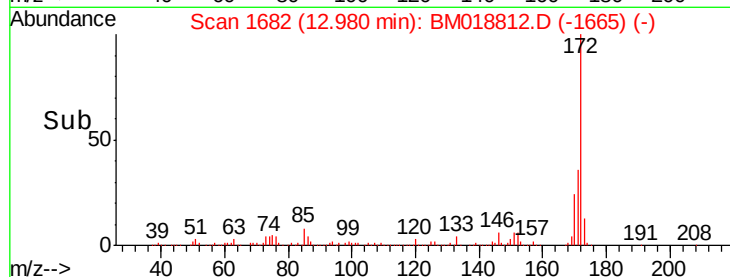
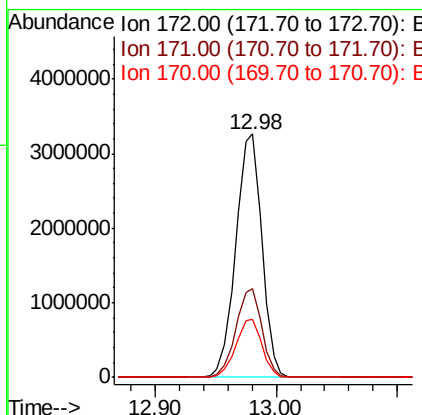
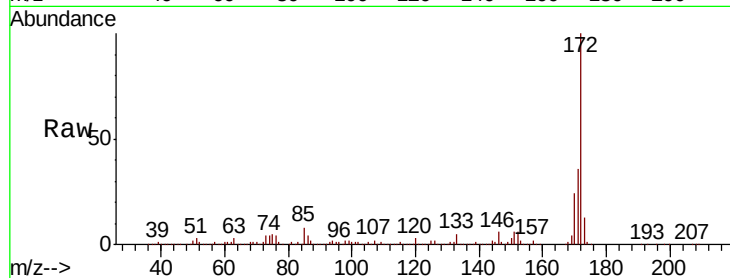




#45  
2-Fluorobiphenyl  
Concen: 94.840 ng  
RT: 12.98 min Scan# 1682  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

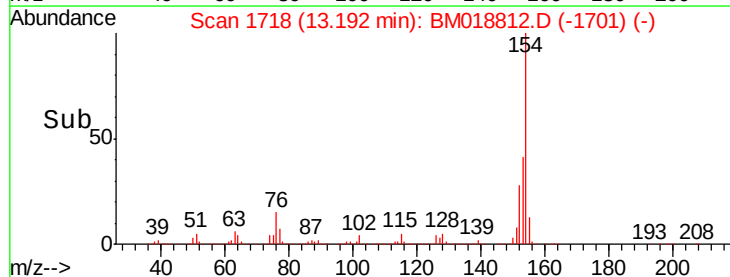
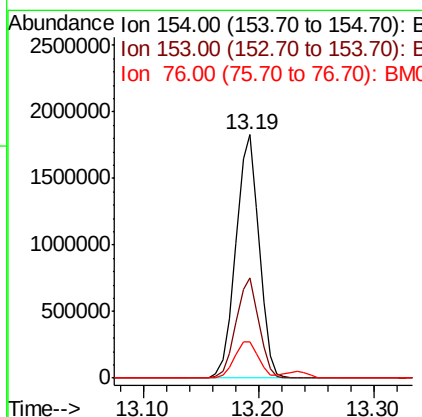
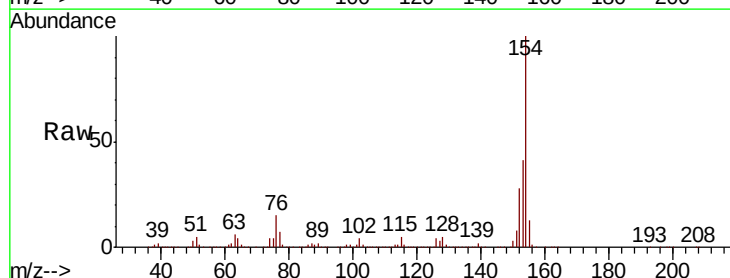
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

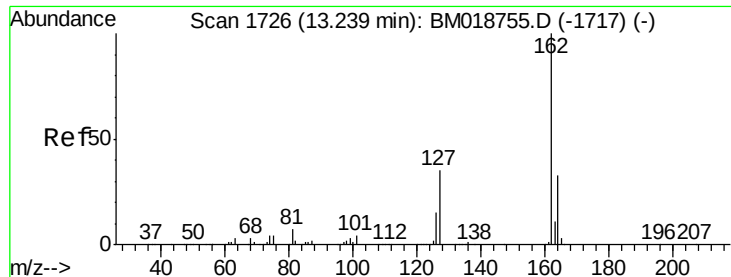
Tgt Ion:172 Resp: 4916286  
Ion Ratio Lower Upper  
172 100  
171 36.2 29.0 43.6  
170 24.0 18.6 28.0



#46  
1,1'-Biphenyl  
Concen: 42.825 ng  
RT: 13.19 min Scan# 1718  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion:154 Resp: 2536687  
Ion Ratio Lower Upper  
154 100  
153 41.1 21.1 61.1  
76 15.1 0.0 35.7

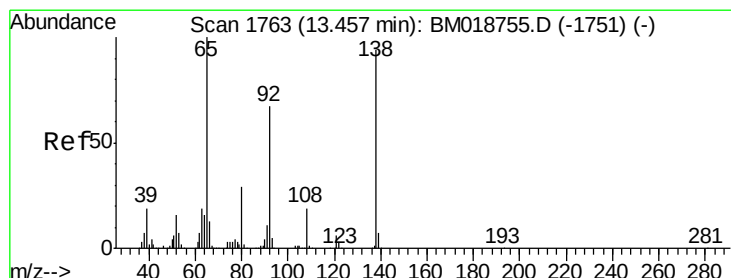
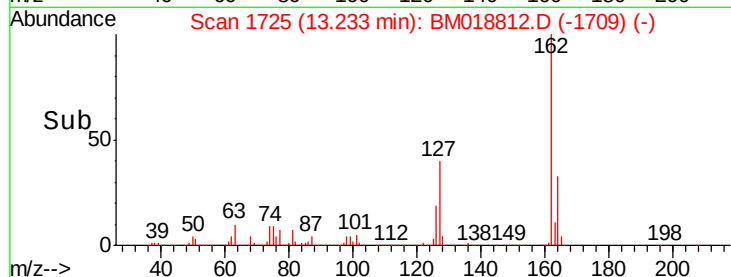
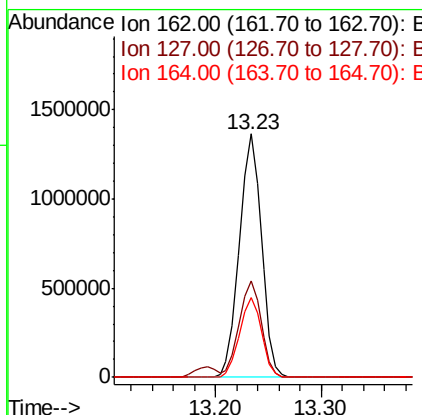
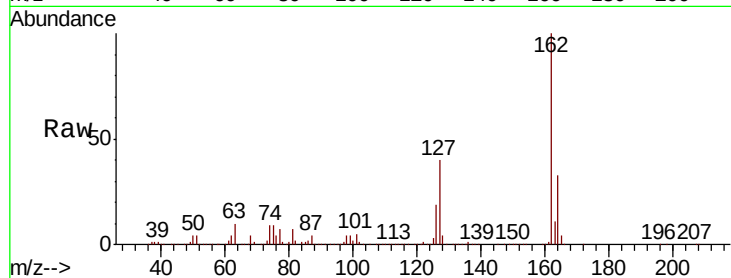




#47  
2-Chloronaphthalene  
Concen: 43.069 ng  
RT: 13.23 min Scan# 1725  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

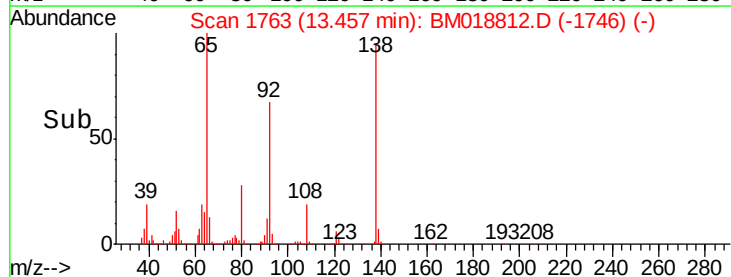
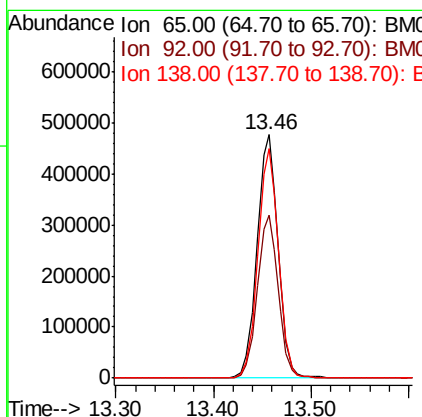
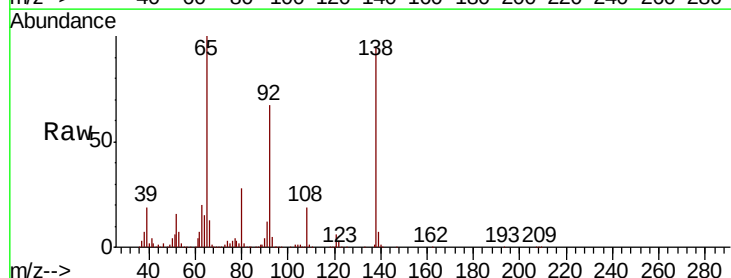
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

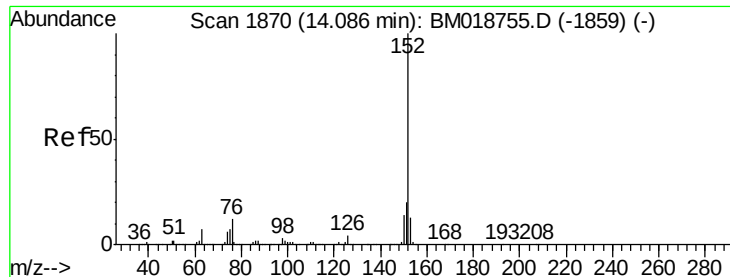
Tgt Ion: 162 Resp: 1970441  
Ion Ratio Lower Upper  
162 100  
127 39.8 31.1 46.7  
164 32.6 26.4 39.6



#48  
2-Nitroaniline  
Concen: 47.499 ng  
RT: 13.46 min Scan# 1763  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion: 65 Resp: 721743  
Ion Ratio Lower Upper  
65 100  
92 67.0 54.0 81.0  
138 94.5 74.9 112.3





#49

Acenaphthylene

Concen: 48.604 ng

RT: 14.09 min Scan# 1870

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

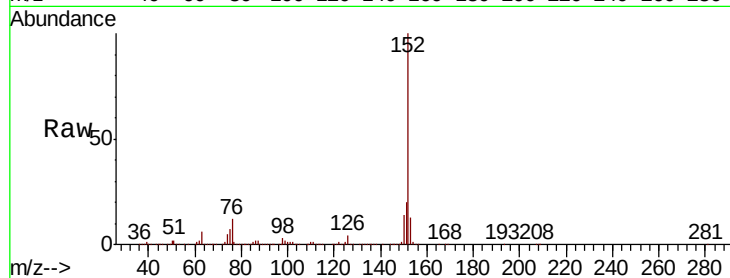
Tgt Ion:152 Resp: 3311059

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

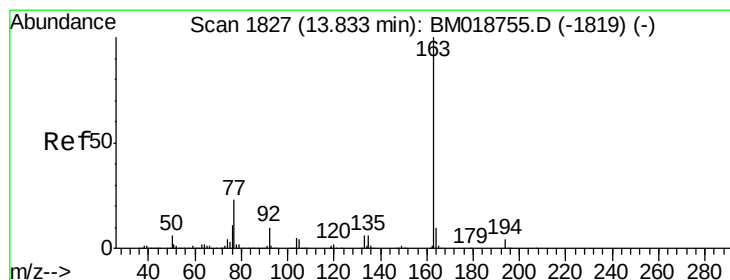
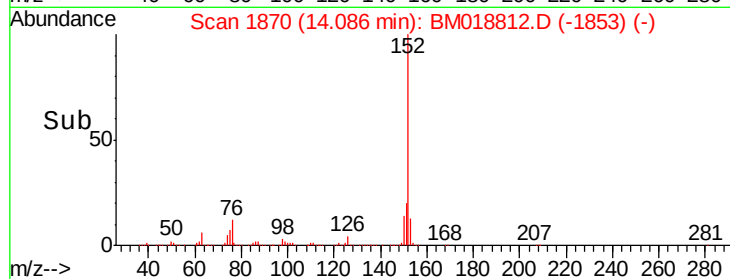
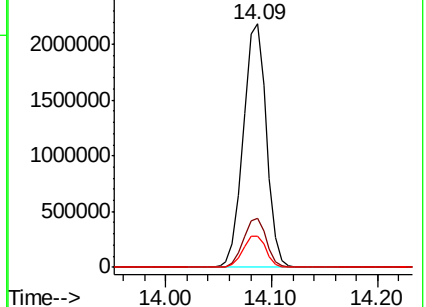
153 12.8 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.056 ng

RT: 13.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

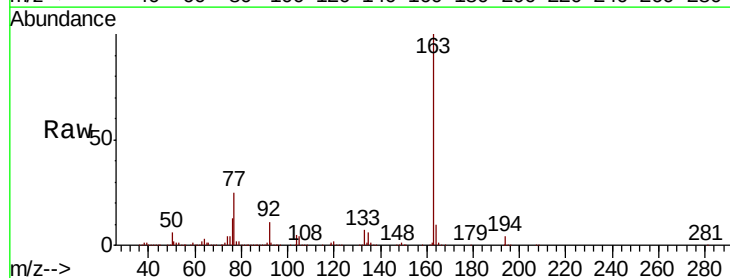
Tgt Ion:163 Resp: 2641262

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

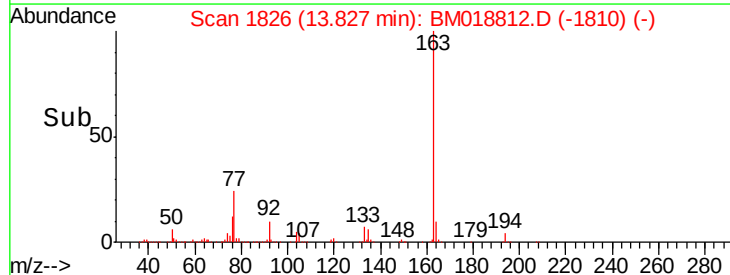
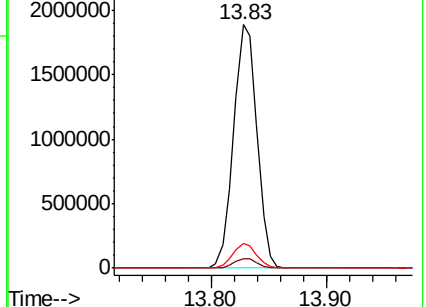
164 10.4 7.8 11.8

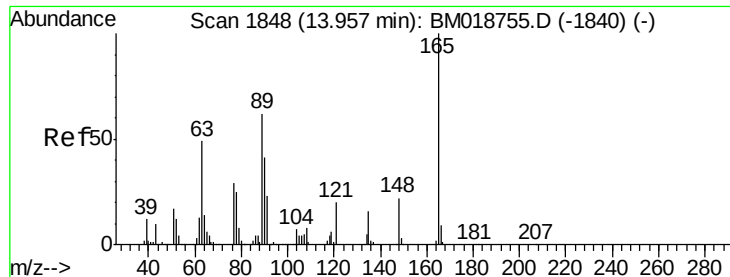


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

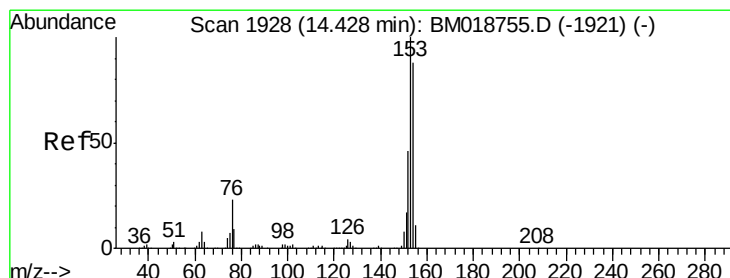
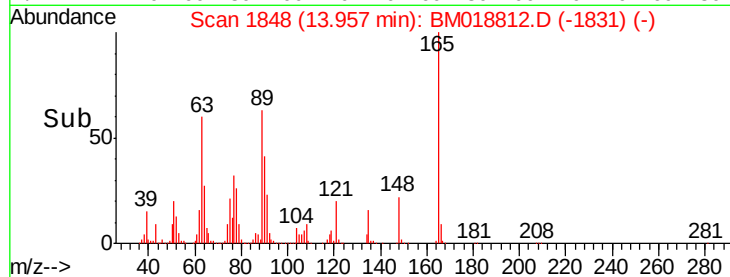
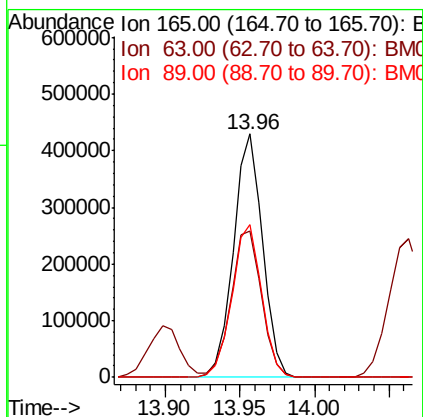
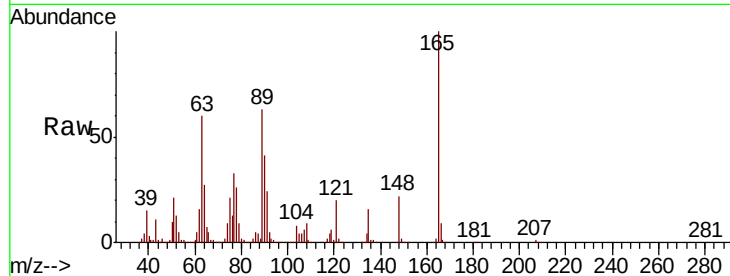




#51  
2,6-Dinitrotoluene  
Concen: 47.074 ng  
RT: 13.96 min Scan# 1848  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

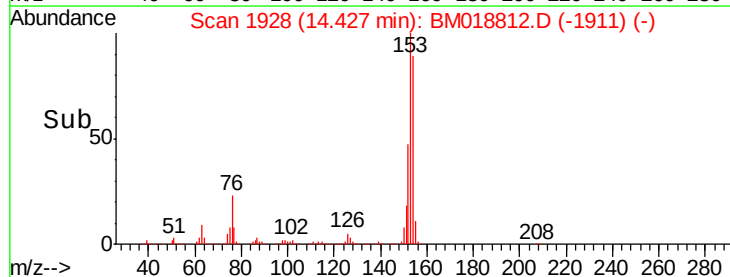
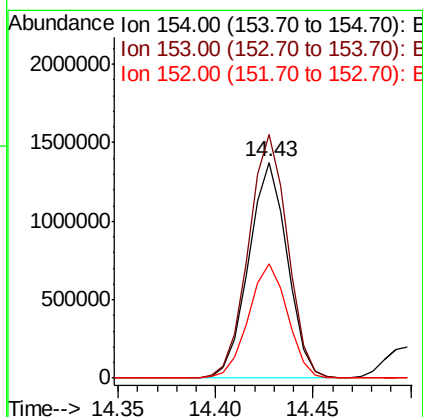
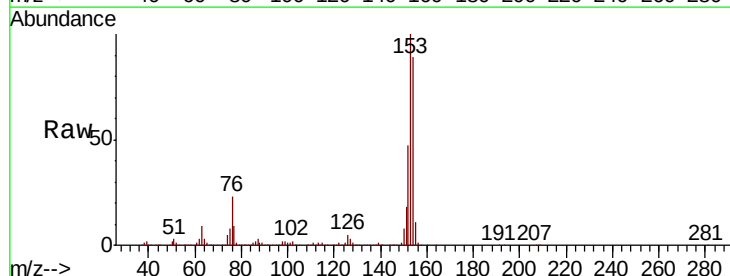
Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

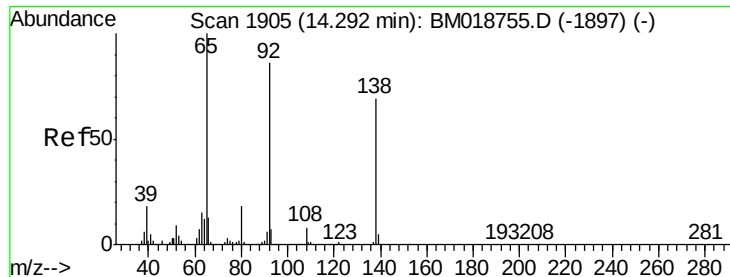
Tgt Ion:165 Resp: 584804  
Ion Ratio Lower Upper  
165 100  
63 60.1 48.9 73.3  
89 62.6 49.4 74.0



#52  
Acenaphthene  
Concen: 45.121 ng  
RT: 14.43 min Scan# 1928  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion:154 Resp: 1884789  
Ion Ratio Lower Upper  
154 100  
153 112.7 91.3 136.9  
152 53.2 42.2 63.4

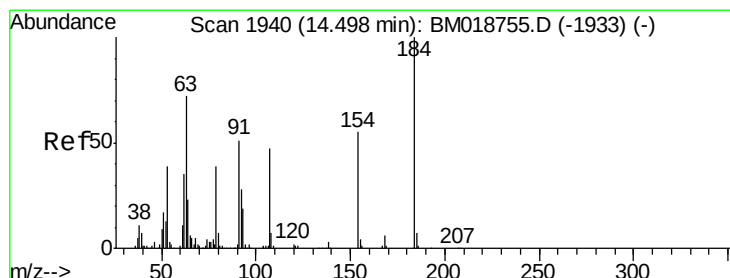
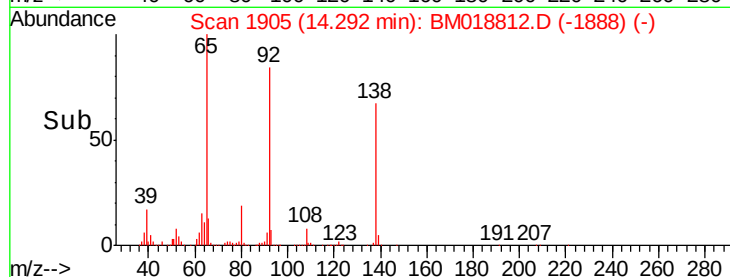
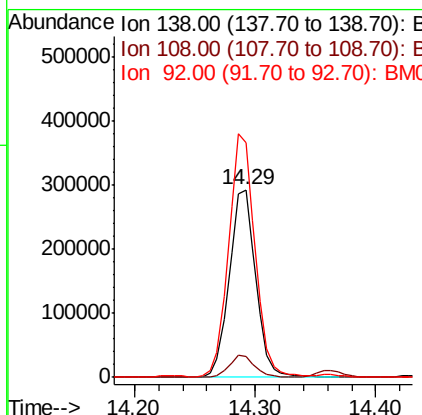
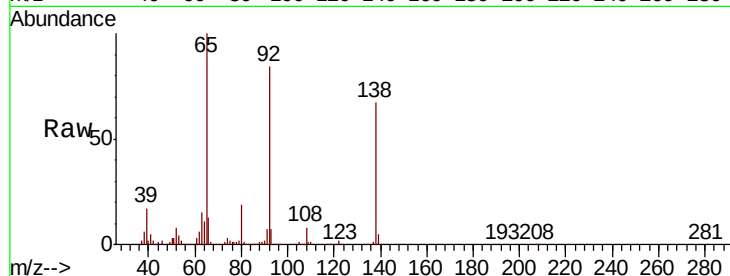




#53  
 3-Nitroaniline  
 Concen: 32.037 ng  
 RT: 14.29 min Scan# 1905  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

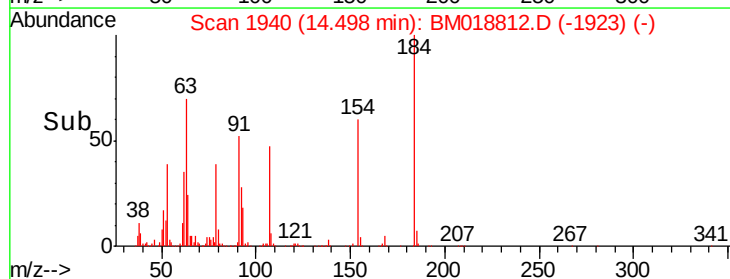
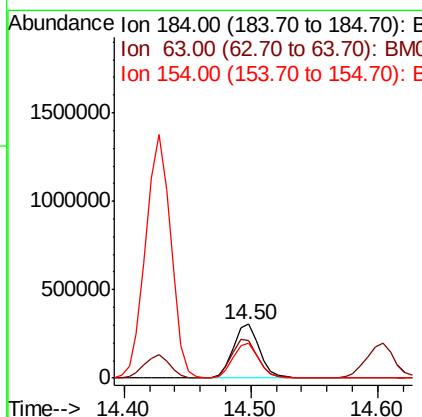
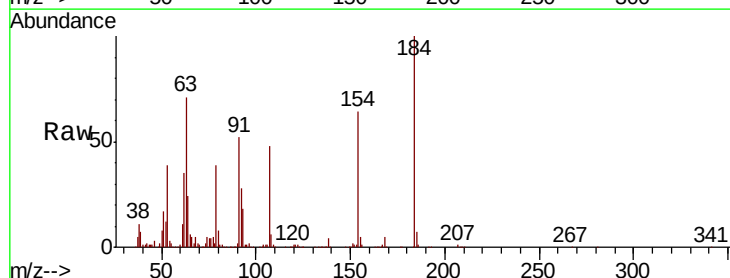
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

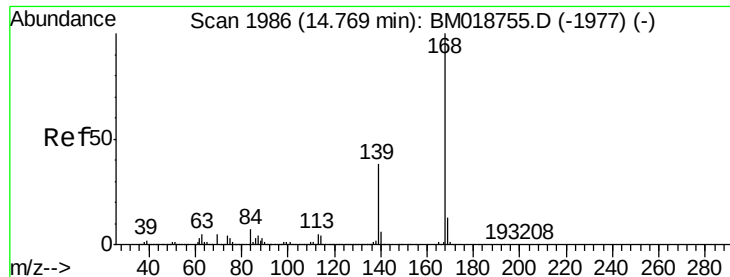
Tgt Ion:138 Resp: 449697  
 Ion Ratio Lower Upper  
 138 100  
 108 11.4 9.1 13.7  
 92 125.1 99.7 149.5



#54  
 2,4-Dinitrophenol  
 Concen: 57.248 ng  
 RT: 14.50 min Scan# 1940  
 Delta R.T. 0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Tgt Ion:184 Resp: 437354  
 Ion Ratio Lower Upper  
 184 100  
 63 70.9 58.0 87.0  
 154 64.5 50.3 75.5





#55

Dibenzofuran

Concen: 45.044 ng

RT: 14.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

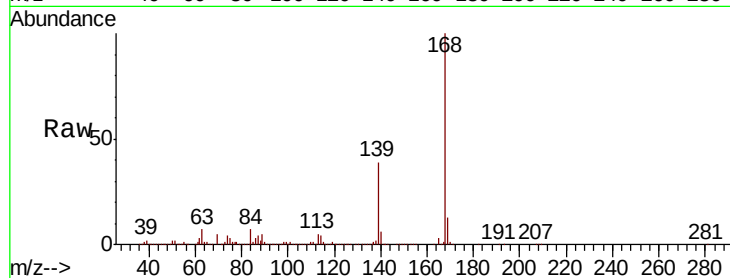
Tgt Ion:168 Resp: 3092644

Ion Ratio Lower Upper

168 100

139 38.9 30.7 46.1

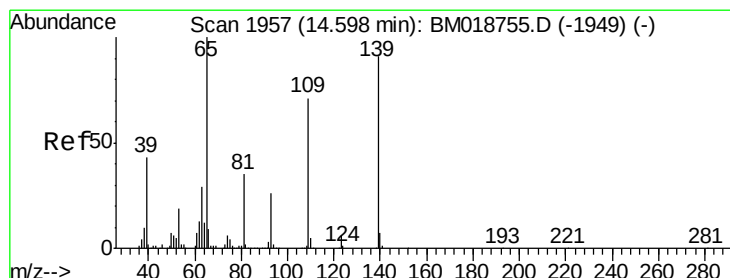
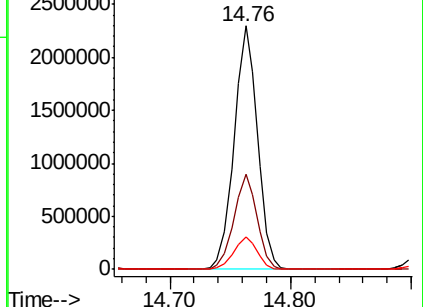
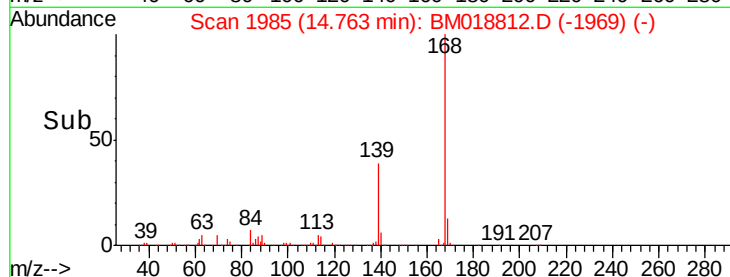
169 13.3 10.3 15.5



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 85.231 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

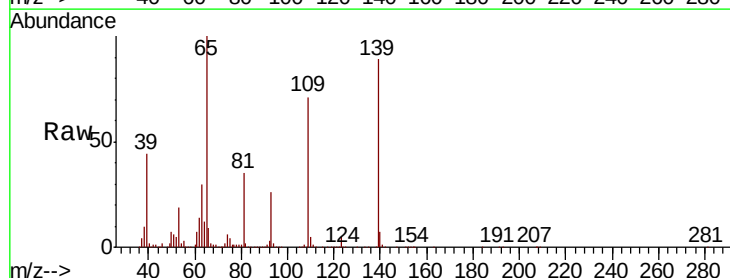
Tgt Ion:139 Resp: 955034

Ion Ratio Lower Upper

139 100

109 79.4 58.4 98.4

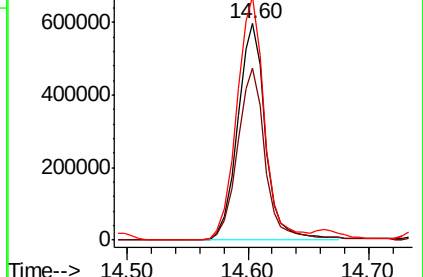
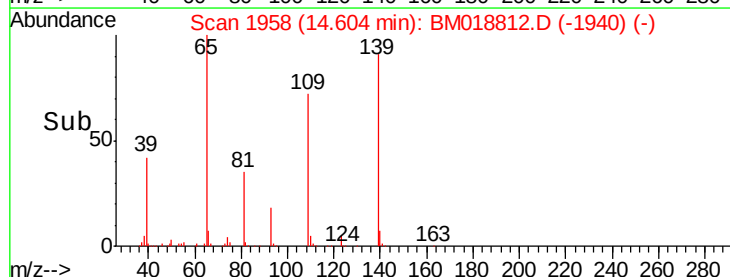
65 112.4 89.8 129.8



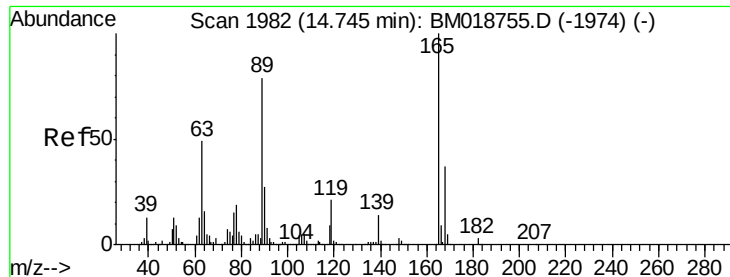
Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E



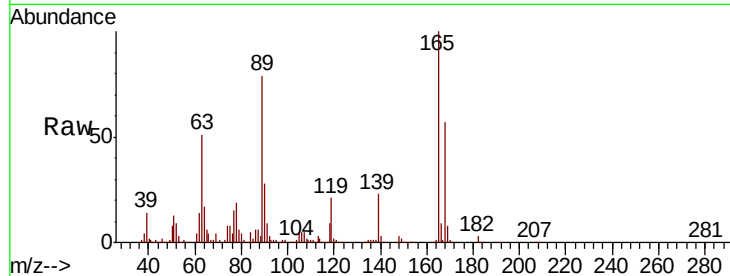




#57  
2,4-Dinitrotoluene  
Concen: 48.475 ng  
RT: 14.75 min Scan# 1982  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 165     | 100   |       |       |
| 63      | 50.5  | 39.6  | 59.4  |
| 89      | 79.1  | 63.5  | 95.3  |
| 182     | 2.8   | 2.2   | 3.4   |



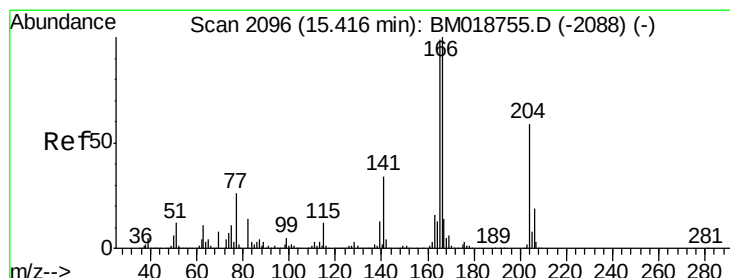
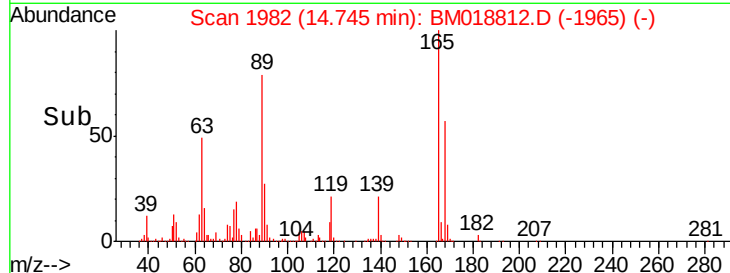
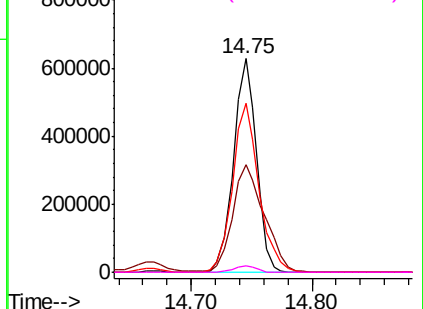
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

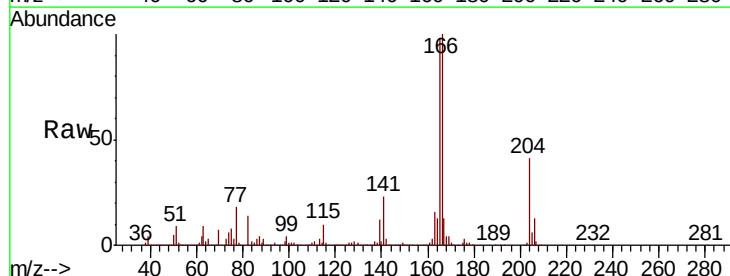
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58  
Fluorene  
Concen: 48.397 ng  
RT: 15.42 min Scan# 2096  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 166     | 100   |       |       |
| 165     | 98.5  | 79.1  | 118.7 |
| 167     | 13.5  | 11.0  | 16.4  |

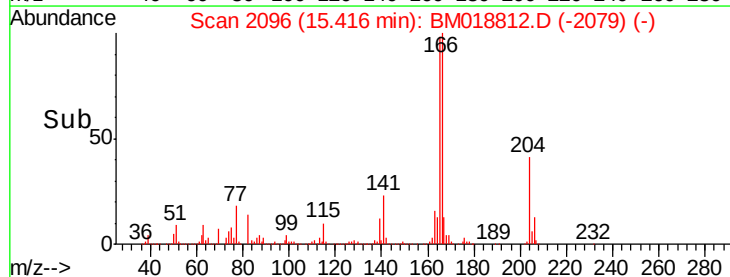
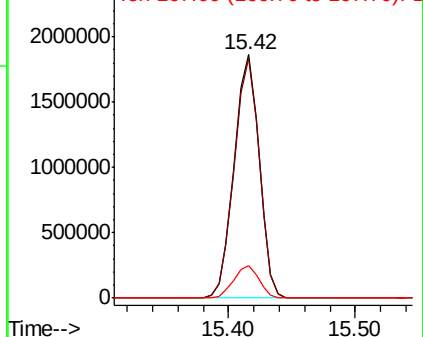


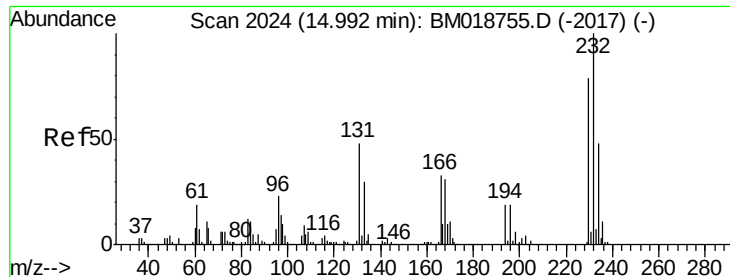
Abundance

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

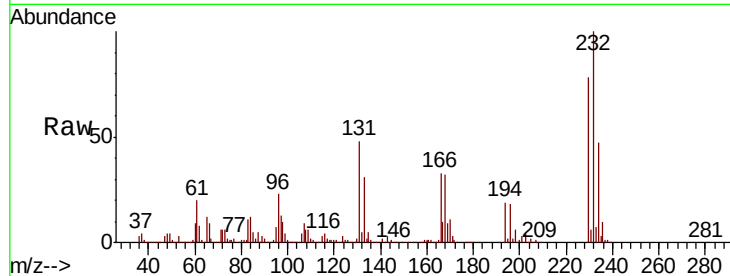




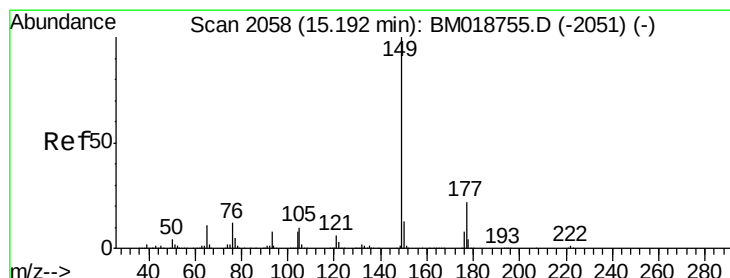
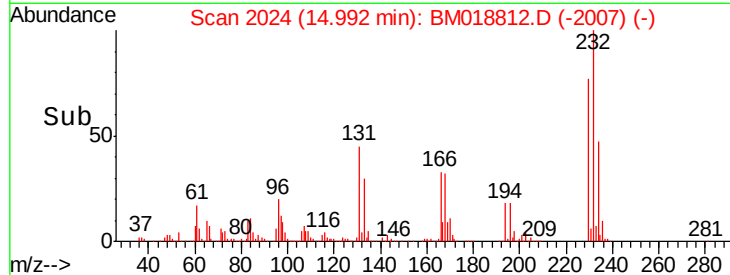
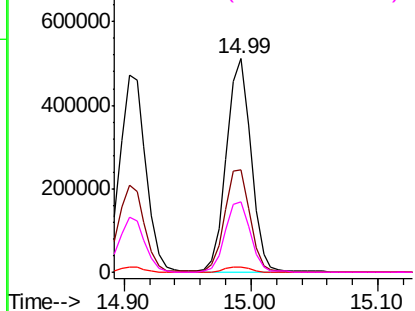
#59  
2,3,4,6-Tetrachlorophenol  
Concen: 50.616 ng  
RT: 14.99 min Scan# 2024  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 232   | Resp: | 683353 |
| Ion      | Ratio | Lower | Upper  |
| 232      | 100   |       |        |
| 131      | 49.8  | 38.6  | 57.8   |
| 130      | 2.6   | 2.0   | 3.0    |
| 166      | 34.1  | 26.9  | 40.3   |

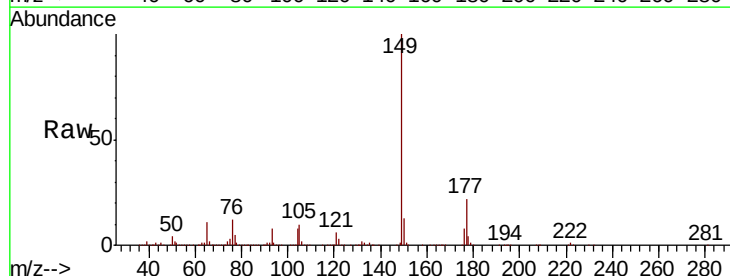


Abundance Ion 232.00 (231.70 to 232.70): E  
Ion 131.00 (130.70 to 131.70): E  
Ion 130.00 (129.70 to 130.70): E  
Ion 166.00 (165.70 to 166.70): E

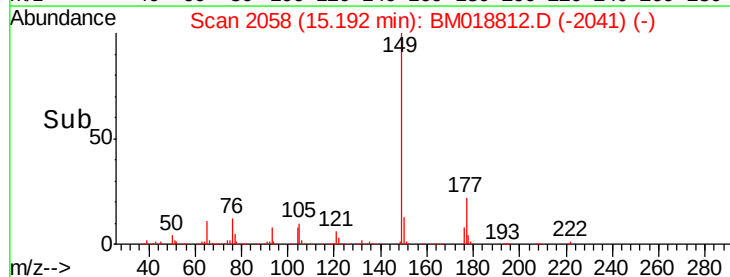
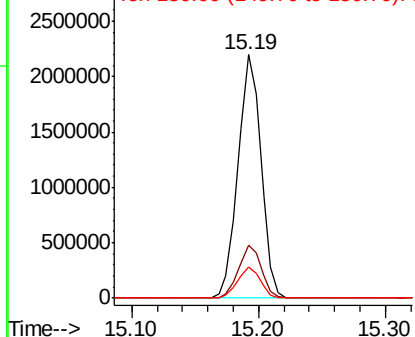


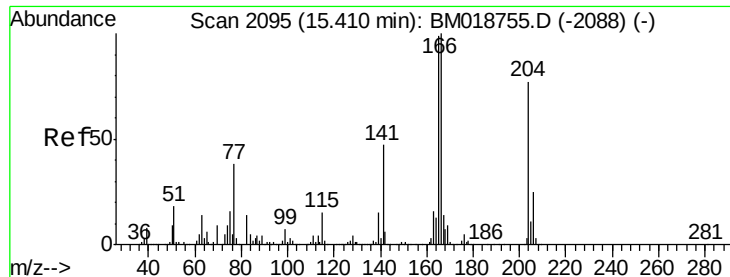
#60  
Diethylphthalate  
Concen: 46.314 ng  
RT: 15.19 min Scan# 2058  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 149   | Resp: | 2739829 |
| Ion      | Ratio | Lower | Upper   |
| 149      | 100   |       |         |
| 177      | 21.6  | 17.2  | 25.8    |
| 150      | 12.6  | 10.2  | 15.2    |



Abundance Ion 149.00 (148.70 to 149.70): E  
Ion 177.00 (176.70 to 177.70): E  
Ion 150.00 (149.70 to 150.70): E

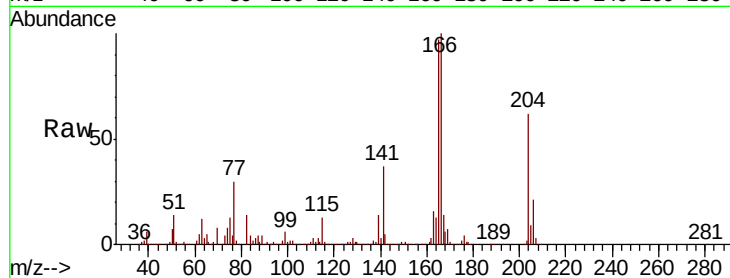




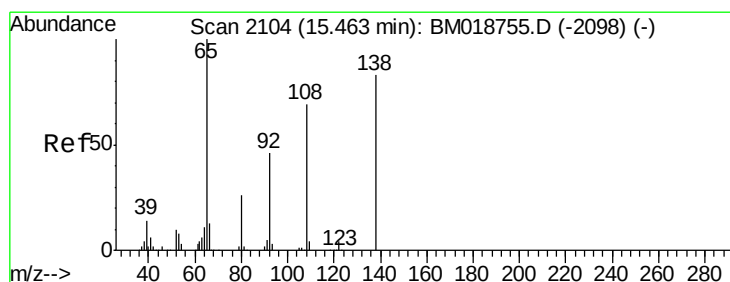
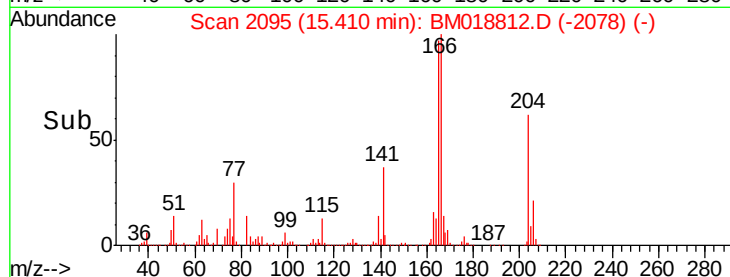
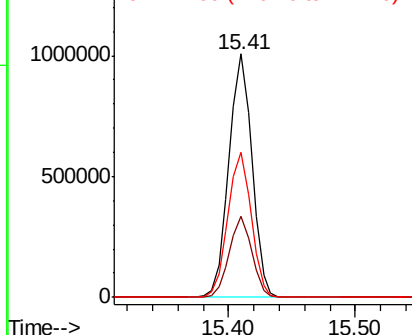
#61  
4-Chlorophenyl-phenylether  
Concen: 42.877 ng  
RT: 15.41 min Scan# 2095  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

Tgt Ion:204 Resp: 1262746  
Ion Ratio Lower Upper  
204 100  
206 33.2 26.2 39.2  
141 59.3 49.2 73.8

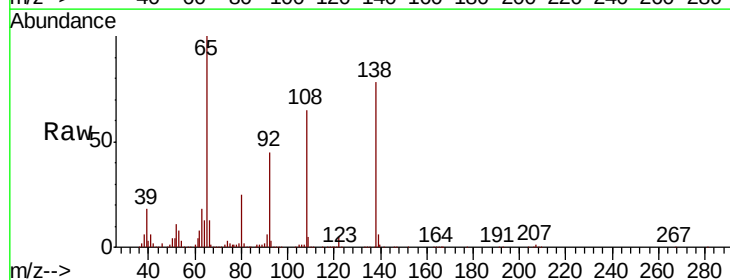


Abundance Ion 204.00 (203.70 to 204.70): E  
Ion 206.00 (205.70 to 206.70): E  
Ion 141.00 (140.70 to 141.70): E

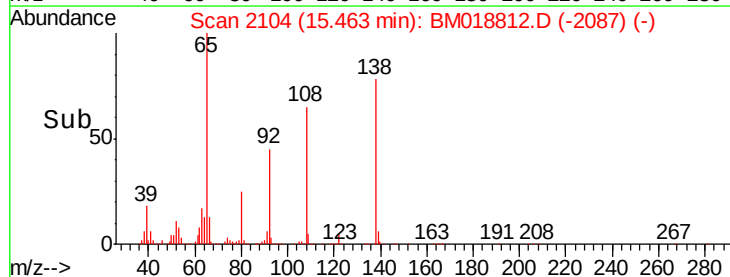
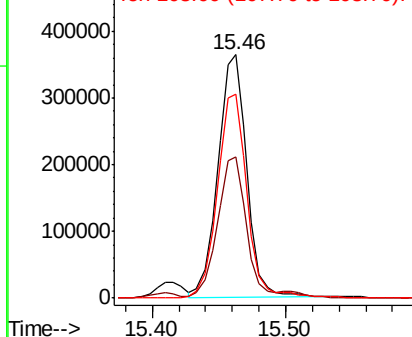


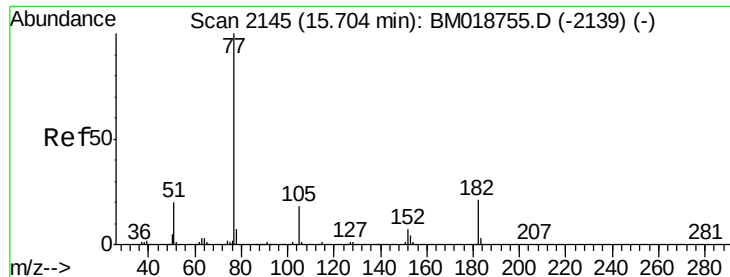
#62  
4-Nitroaniline  
Concen: 40.021 ng  
RT: 15.46 min Scan# 2104  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion:138 Resp: 550737  
Ion Ratio Lower Upper  
138 100  
92 58.1 35.5 75.5  
108 83.5 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 46.383 ng

RT: 15.70 min Scan# 2145

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

Tgt Ion: 77 Resp: 2942074

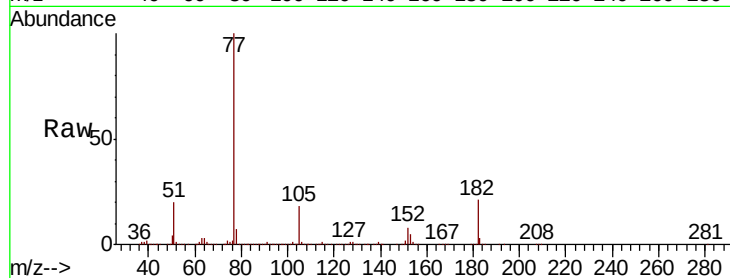
Ion Ratio Lower Upper

77 100

182 20.7 1.0 41.0

105 17.9 0.0 37.7

51 20.5 0.3 40.3

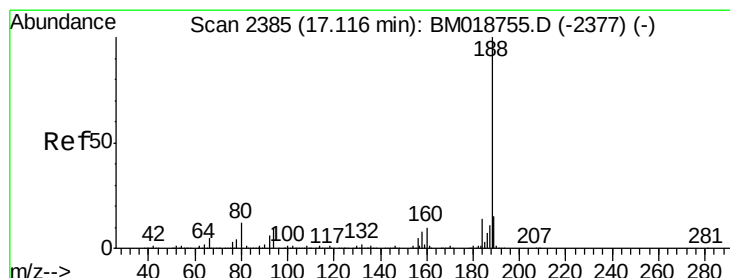
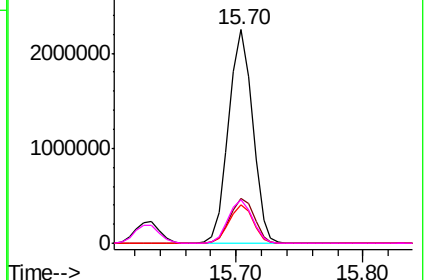
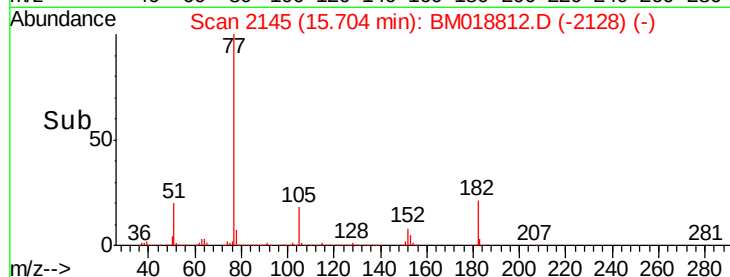


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

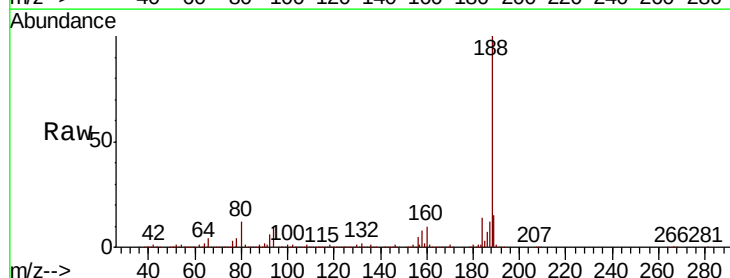
Tgt Ion: 188 Resp: 1580954

Ion Ratio Lower Upper

188 100

94 9.9 8.2 12.2

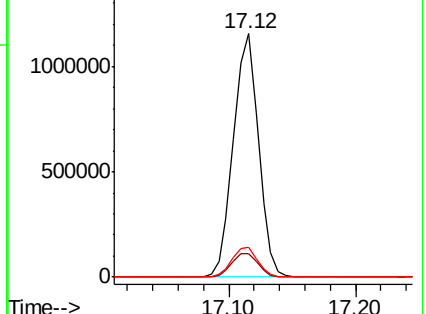
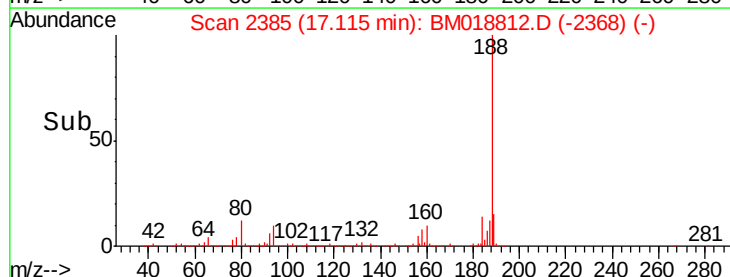
80 12.1 9.7 14.5

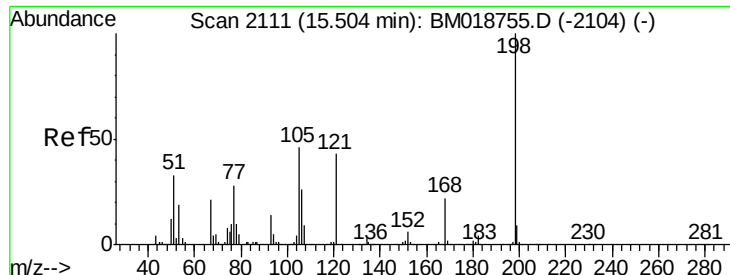


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

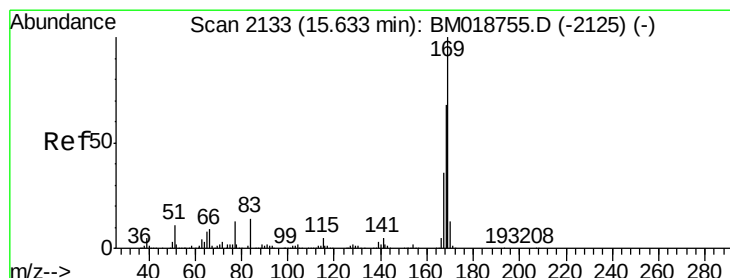
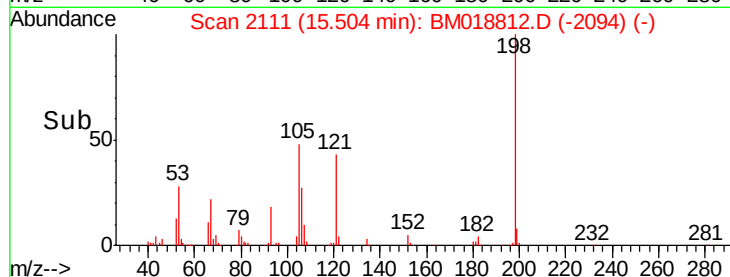
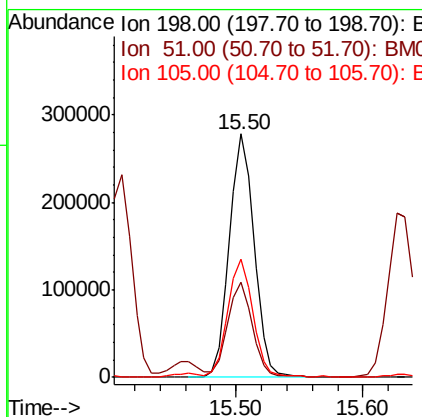
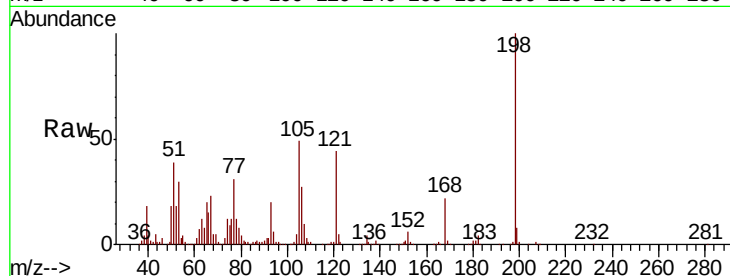




#65  
 4,6-Dinitro-2-methylphenol  
 Concen: 33.955 ng  
 RT: 15.50 min Scan# 2111  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

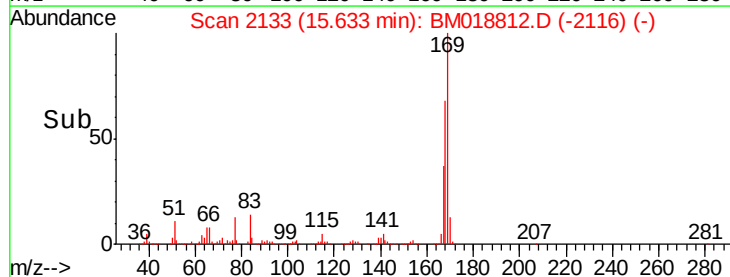
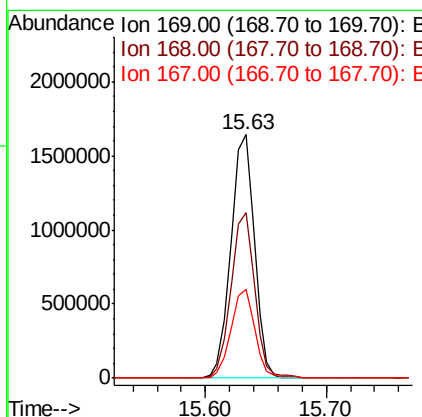
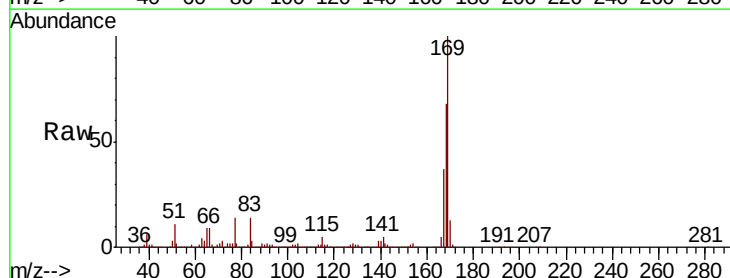
Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

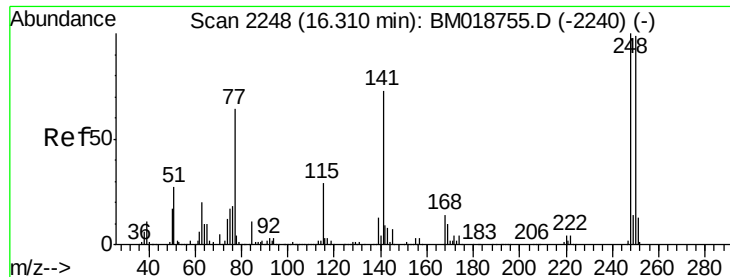
Tgt Ion:198 Resp: 376904  
 Ion Ratio Lower Upper  
 198 100  
 51 39.2 18.4 58.4  
 105 48.7 27.2 67.2



#66  
 n-Nitrosodiphenylamine  
 Concen: 44.941 ng  
 RT: 15.63 min Scan# 2133  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Tgt Ion:169 Resp: 2244742  
 Ion Ratio Lower Upper  
 169 100  
 168 67.9 54.4 81.6  
 167 36.6 29.0 43.6

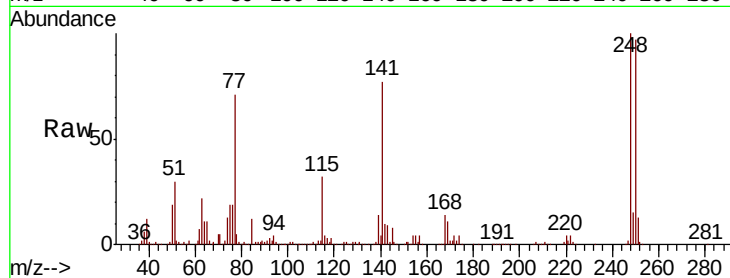




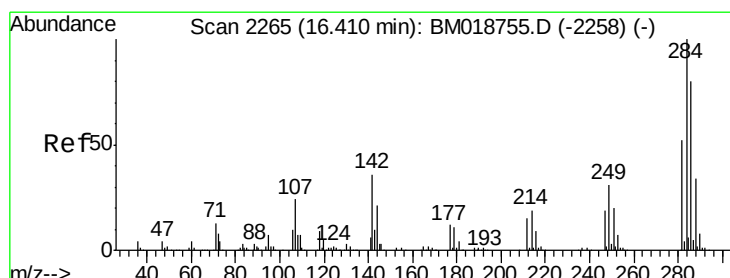
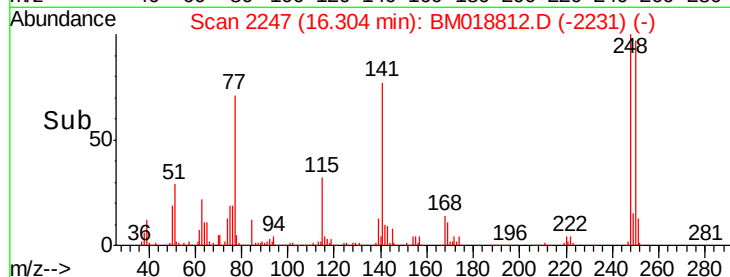
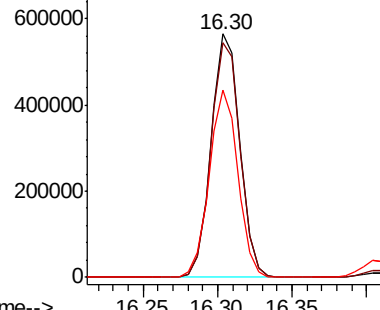
#67  
4-Bromophenyl-phenylether  
Concen: 42.527 ng  
RT: 16.30 min Scan# 2247  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

Tgt Ion:248 Resp: 752552  
Ion Ratio Lower Upper  
248 100  
250 96.5 79.0 118.6  
141 77.1 58.6 88.0

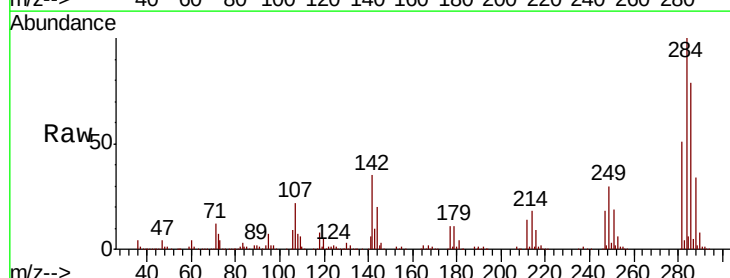


Abundance Ion 248.00 (247.70 to 248.70): E  
Ion 250.00 (249.70 to 250.70): E  
Ion 141.00 (140.70 to 141.70): E

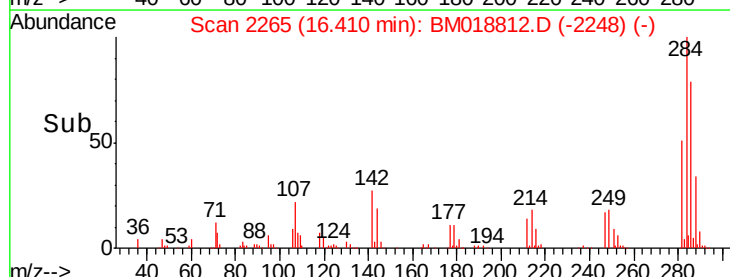
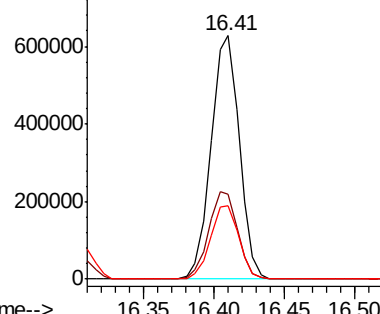


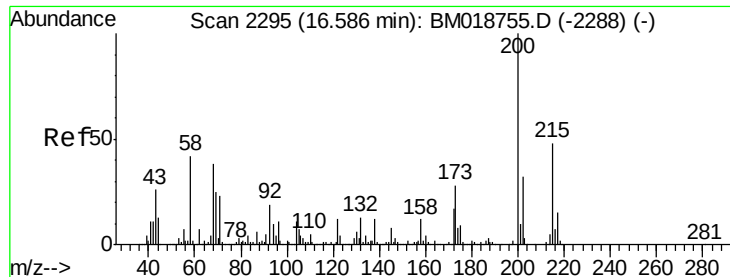
#68  
Hexachlorobenzene  
Concen: 42.593 ng  
RT: 16.41 min Scan# 2265  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Tgt Ion:284 Resp: 876095  
Ion Ratio Lower Upper  
284 100  
142 34.8 28.9 43.3  
249 30.3 24.8 37.2



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





#69

Atrazine

Concen: 49.473 ng

RT: 16.59 min Scan# 2295

Delta R.T. 0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

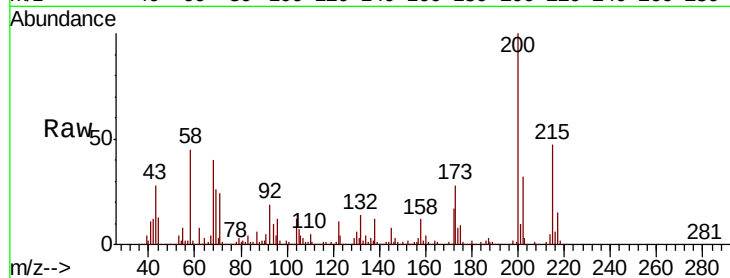
Tgt Ion:200 Resp: 796654

Ion Ratio Lower Upper

200 100

173 27.6 7.6 47.6

215 47.1 27.6 67.6

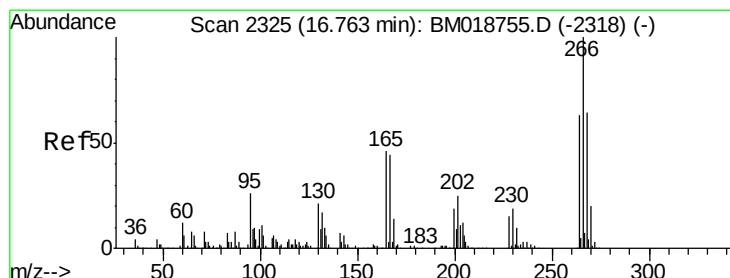
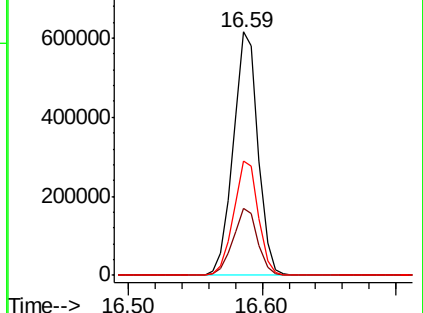
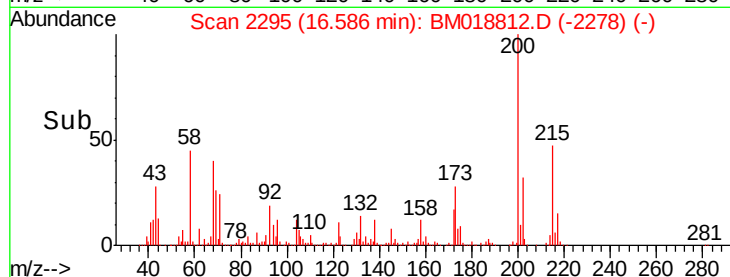


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 86.691 ng

RT: 16.76 min Scan# 2325

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

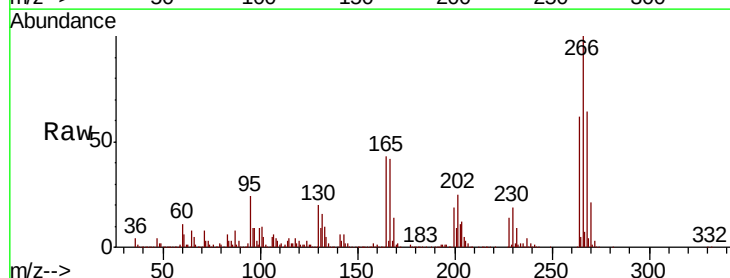
Tgt Ion:266 Resp: 1148124

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

264 62.5 50.6 75.8

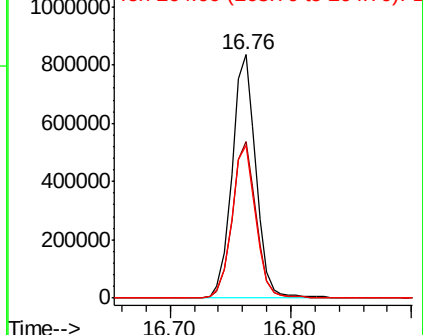
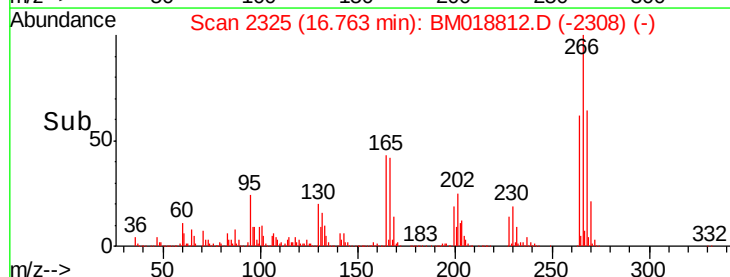


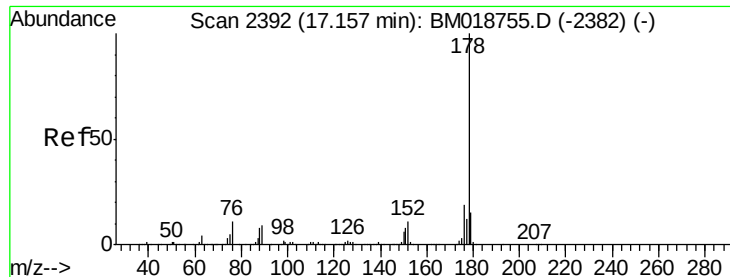
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

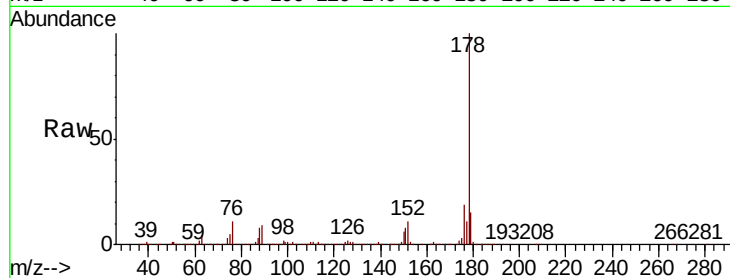




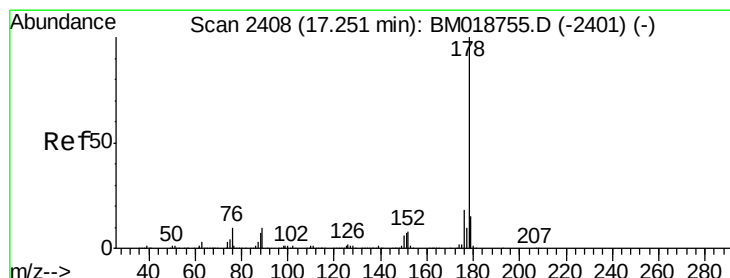
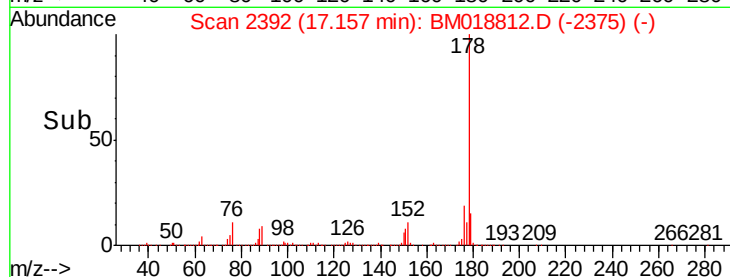
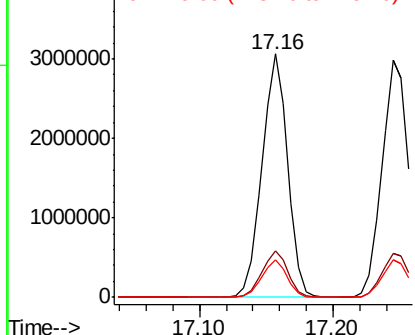
#71  
Phenanthrene  
Concen: 47.512 ng  
RT: 17.16 min Scan# 2392  
Delta R.T. -0.00 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

Instrument :  
BNA\_M  
ClientSampleId :  
IDW-LIQUID-01MS

Tgt Ion:178 Resp: 4036793  
Ion Ratio Lower Upper  
178 100  
176 19.3 15.4 23.0  
179 15.4 12.3 18.5

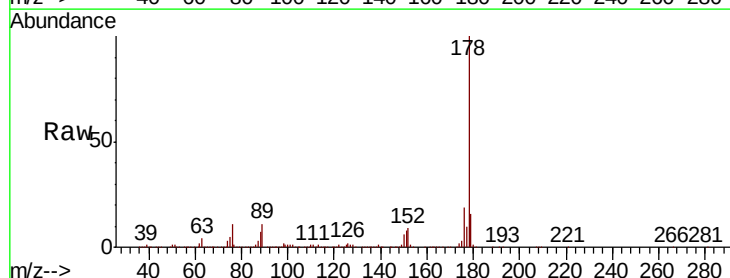


Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E

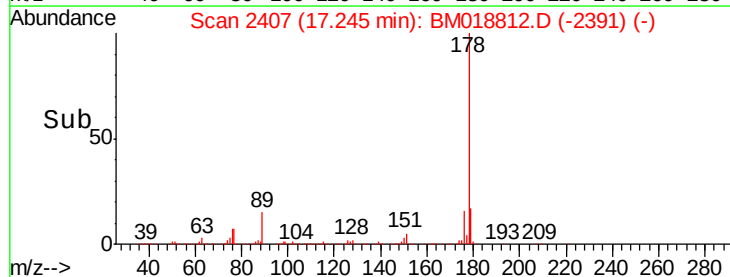
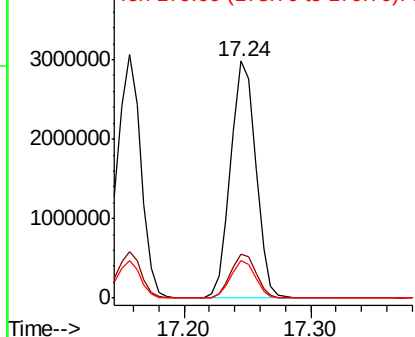


#72  
Anthracene  
Concen: 49.525 ng  
RT: 17.24 min Scan# 2407  
Delta R.T. -0.01 min  
Lab File: BM018812.D  
Acq: 13 Feb 2019 21:25

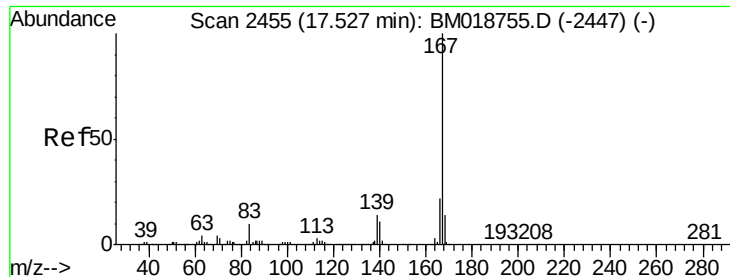
Tgt Ion:178 Resp: 4095533  
Ion Ratio Lower Upper  
178 100  
176 18.6 14.8 22.2  
179 15.6 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E  
Ion 176.00 (175.70 to 176.70): E  
Ion 179.00 (178.70 to 179.70): E



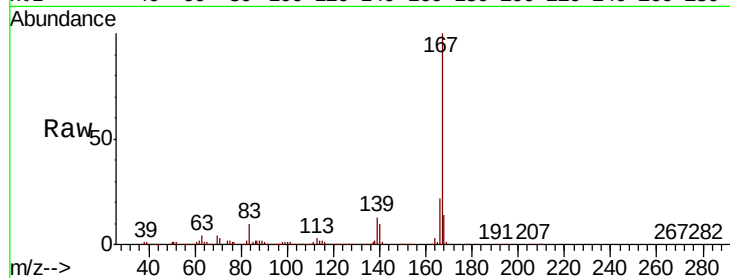




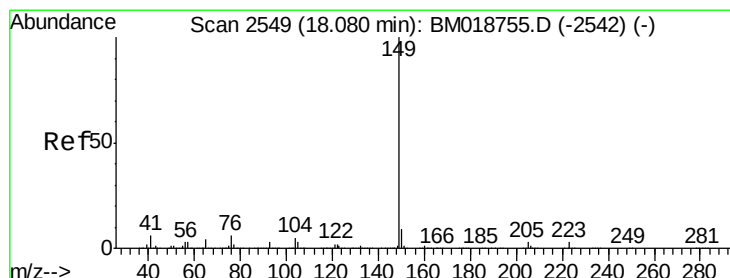
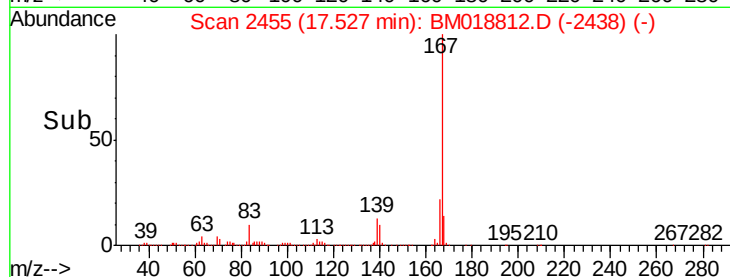
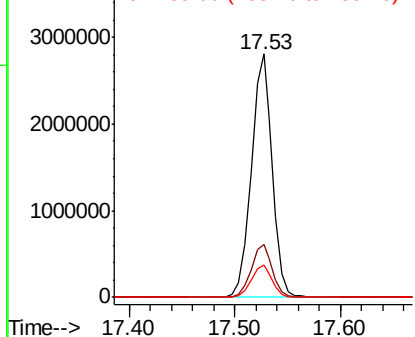
#73  
 Carbazole  
 Concen: 44.617 ng  
 RT: 17.53 min Scan# 2455  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Instrument :  
 BNA\_M  
 ClientSampleId :  
 IDW-LIQUID-01MS

Tgt Ion:167 Resp: 3854874  
 Ion Ratio Lower Upper  
 167 100  
 166 21.7 17.7 26.5  
 139 13.2 10.9 16.3

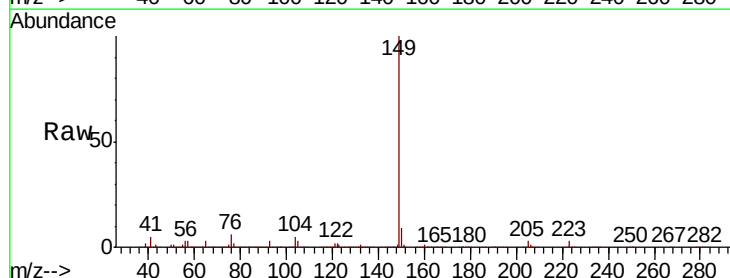


Abundance Ion 167.00 (166.70 to 167.70): E  
 Ion 166.00 (165.70 to 166.70): E  
 Ion 139.00 (138.70 to 139.70): E

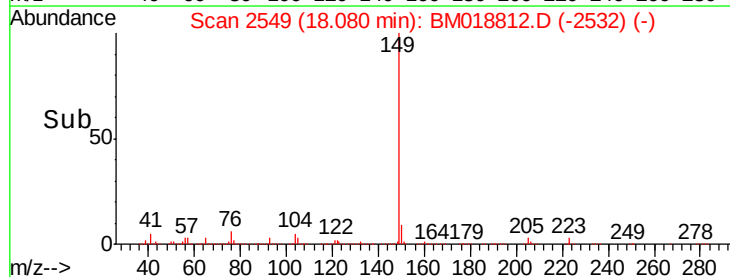
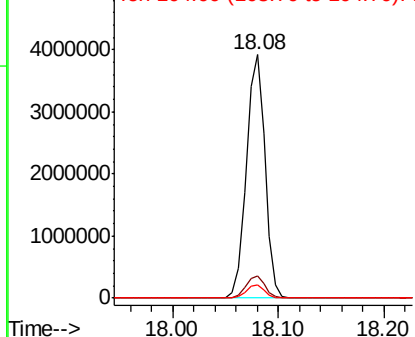


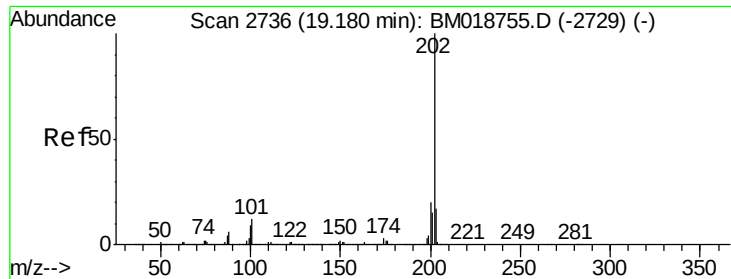
#74  
 Di-n-butylphthalate  
 Concen: 48.036 ng  
 RT: 18.08 min Scan# 2549  
 Delta R.T. -0.00 min  
 Lab File: BM018812.D  
 Acq: 13 Feb 2019 21:25

Tgt Ion:149 Resp: 4773037  
 Ion Ratio Lower Upper  
 149 100  
 150 9.1 7.4 11.0  
 104 5.4 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 150.00 (149.70 to 150.70): E  
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 47.885 ng

RT: 19.17 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

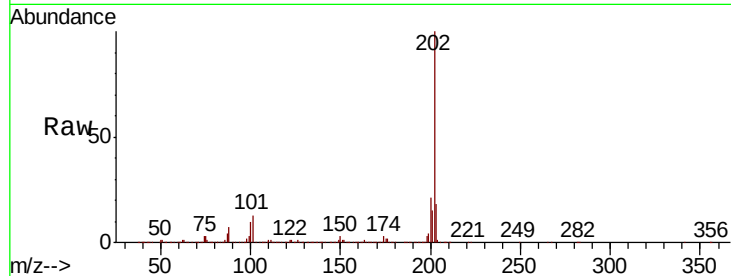
Tgt Ion:202 Resp: 4699528

Ion Ratio Lower Upper

202 100

101 13.2 0.0 31.5

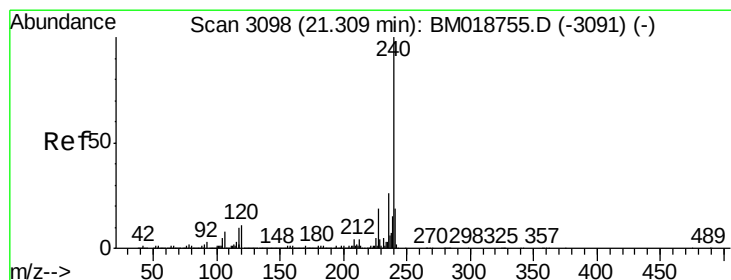
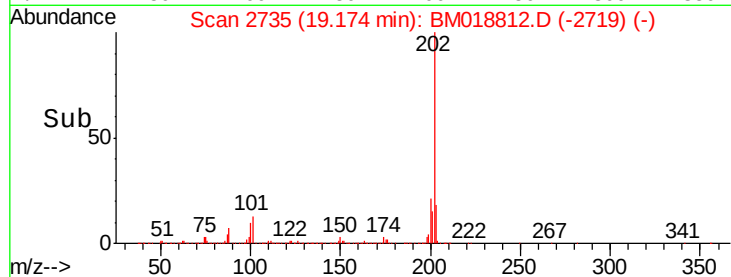
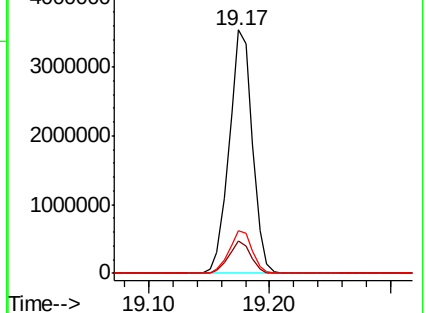
203 17.8 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

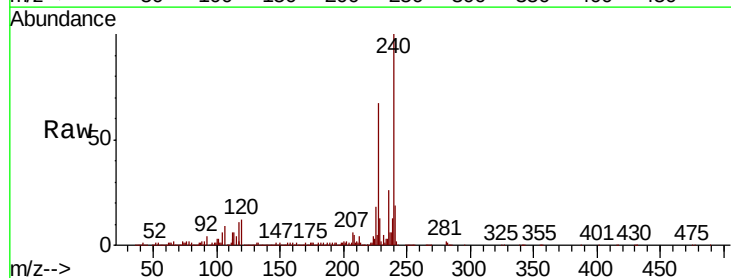
Tgt Ion:240 Resp: 1731097

Ion Ratio Lower Upper

240 100

120 12.2 8.9 13.3

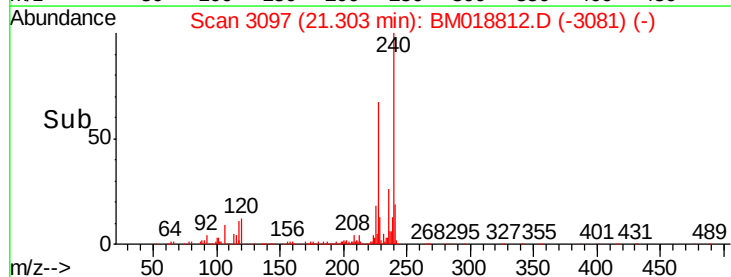
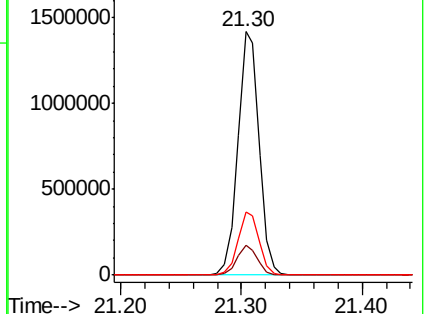
236 25.9 20.9 31.3

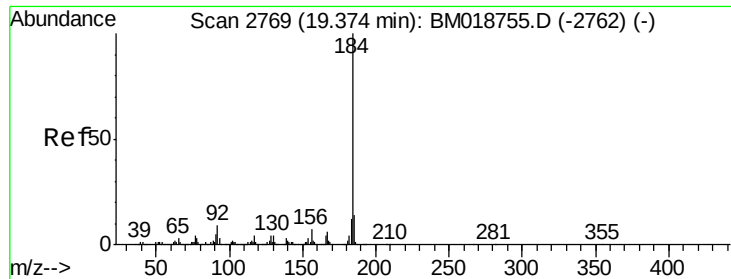


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.871 ng

RT: 19.37 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

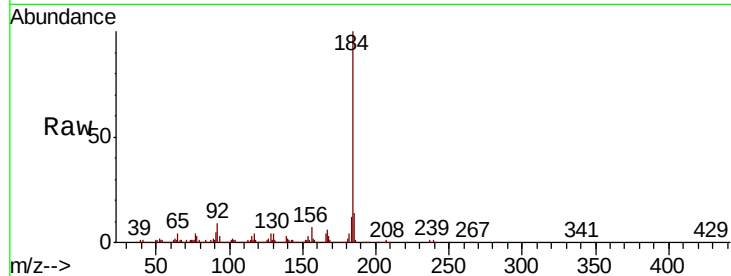
Tgt Ion:184 Resp: 1554433

Ion Ratio Lower Upper

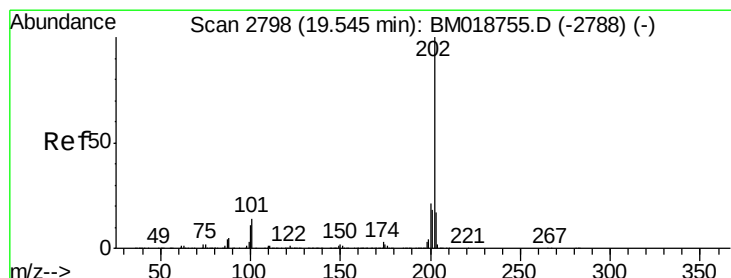
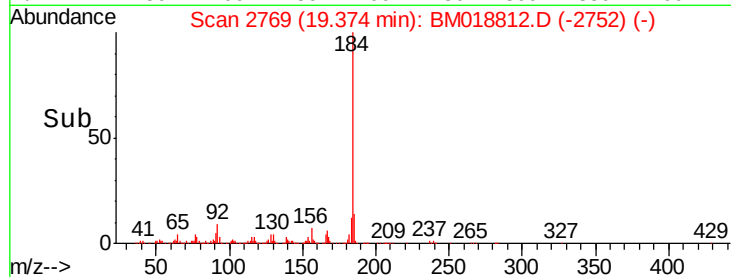
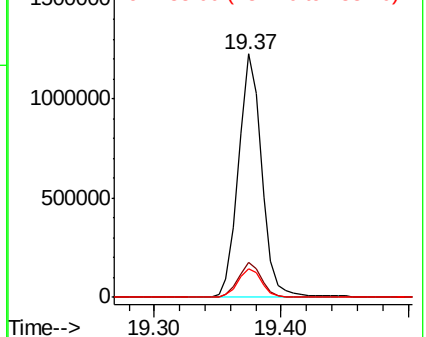
184 100

185 14.2 11.2 16.8

183 11.9 9.7 14.5



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



#78

Pyrene

Concen: 48.417 ng

RT: 19.54 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

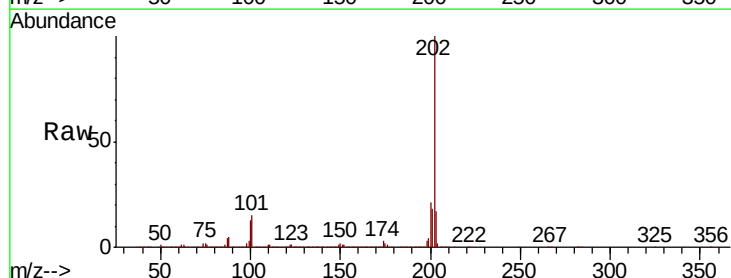
Tgt Ion:202 Resp: 4867843

Ion Ratio Lower Upper

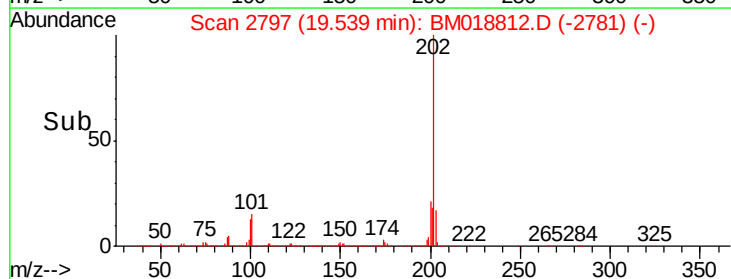
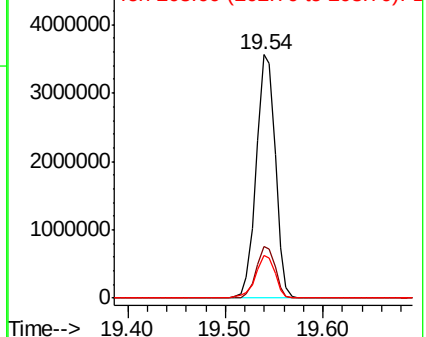
202 100

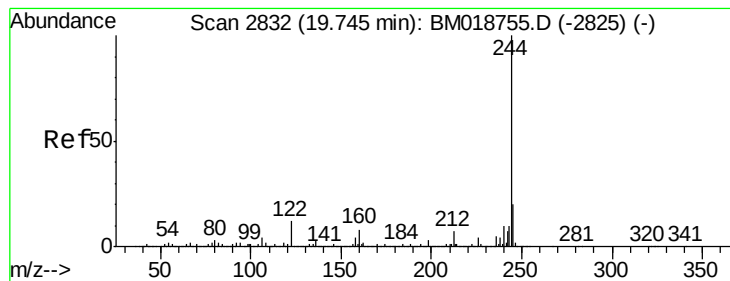
200 21.1 16.9 25.3

203 17.5 13.8 20.8



Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.230 ng

RT: 19.74 min Scan# 2832

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

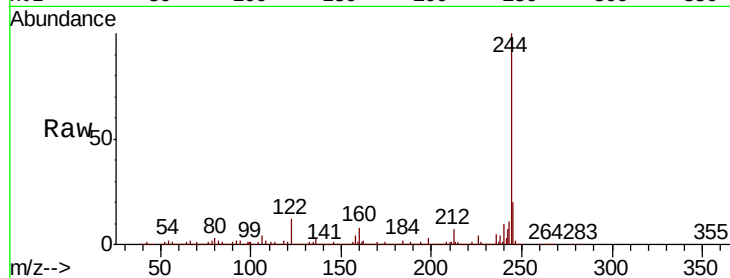
Tgt Ion:244 Resp: 8326942

Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

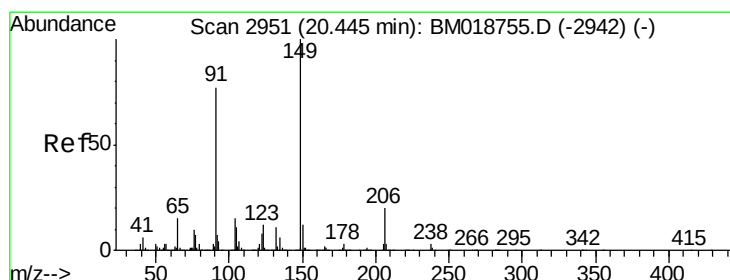
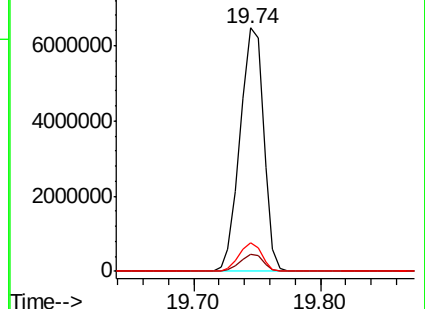
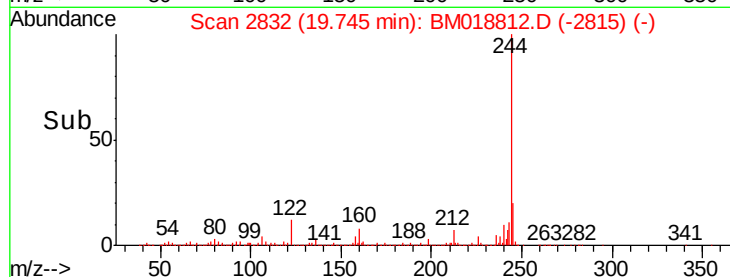
122 11.7 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.969 ng

RT: 20.44 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

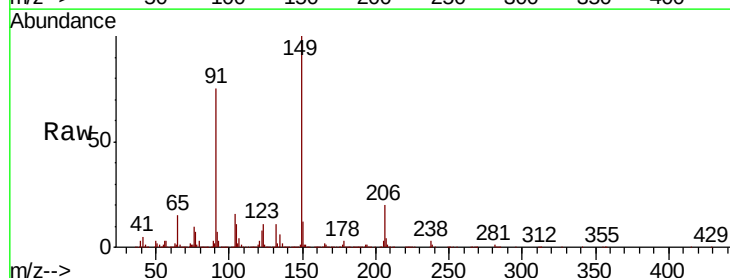
Tgt Ion:149 Resp: 2335407

Ion Ratio Lower Upper

149 100

91 74.7 61.4 92.0

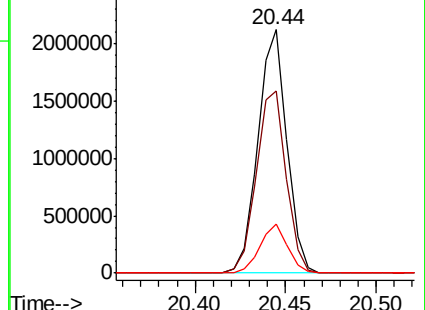
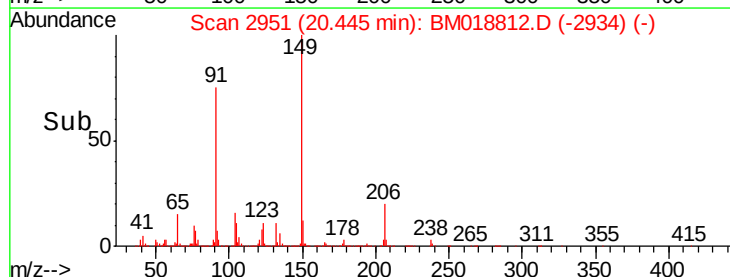
206 20.3 15.8 23.8

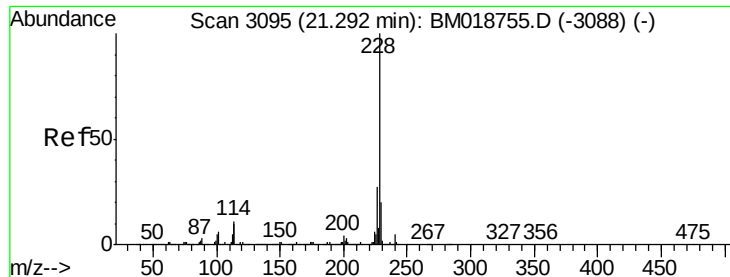


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.795 ng

RT: 21.29 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

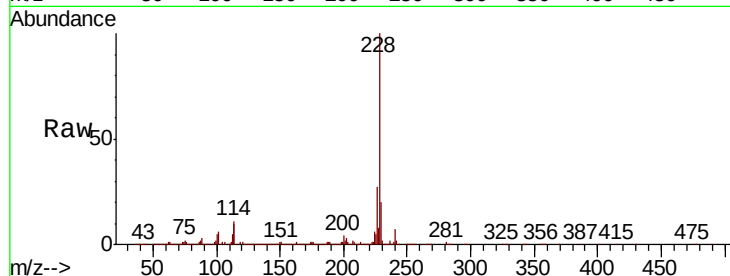
Tgt Ion:228 Resp: 4923841

Ion Ratio Lower Upper

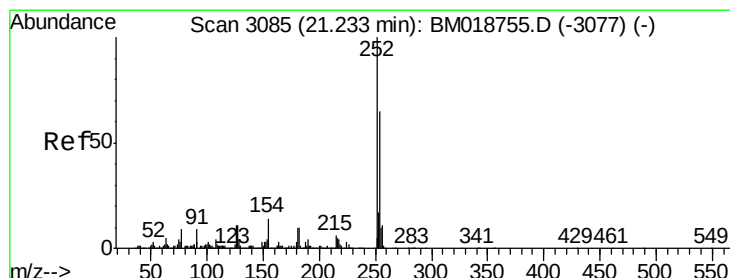
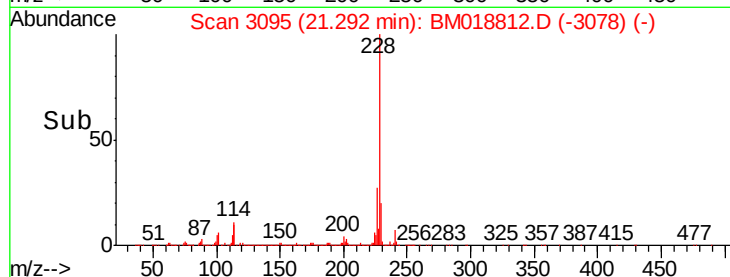
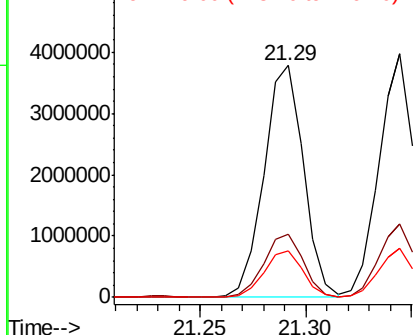
228 100

226 27.4 21.9 32.9

229 20.3 15.9 23.9



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



#82

3,3'-Dichlorobenzidine

Concen: 32.040 ng

RT: 21.23 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

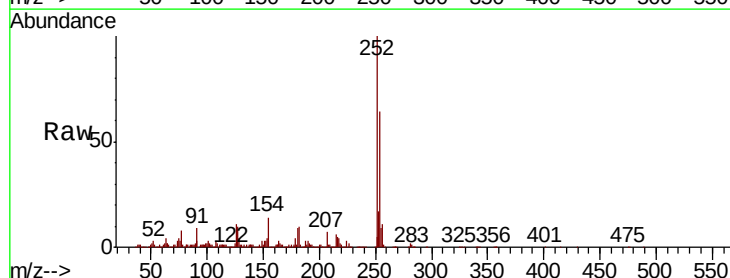
Tgt Ion:252 Resp: 1277762

Ion Ratio Lower Upper

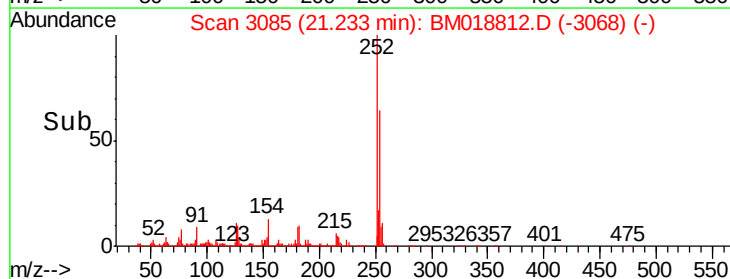
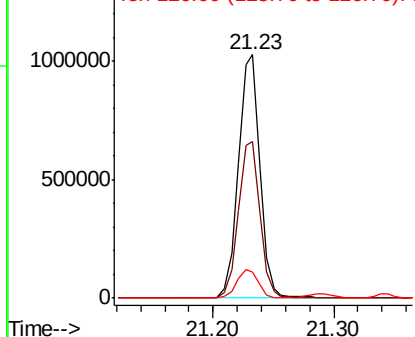
252 100

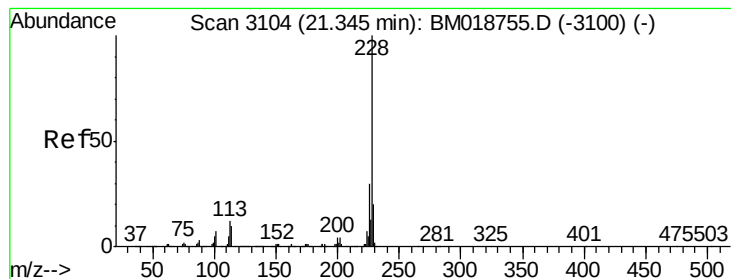
254 64.1 51.8 77.8

126 10.6 9.1 13.7



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





#83

Chrysene

Concen: 47.860 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

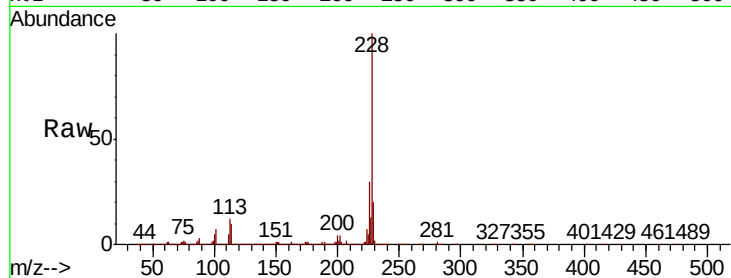
Tgt Ion:228 Resp: 4629022

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.2 16.0 24.0

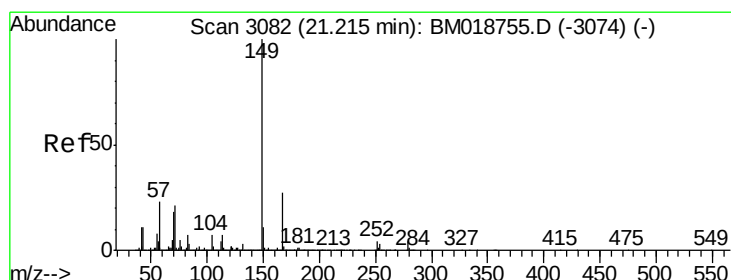
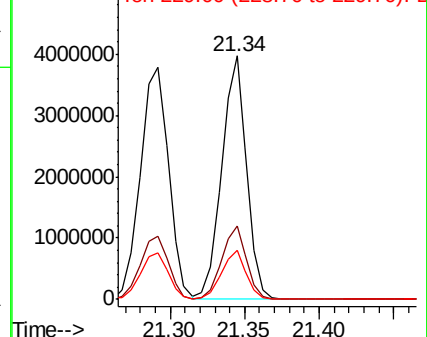
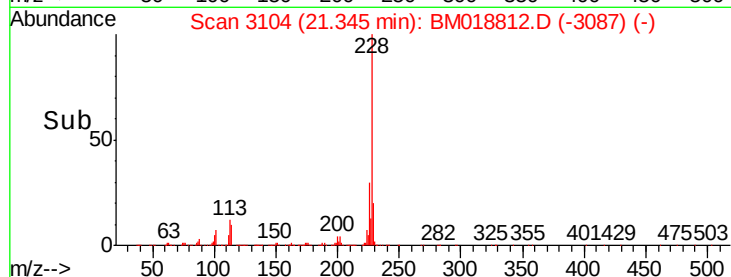


Abundance

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.026 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

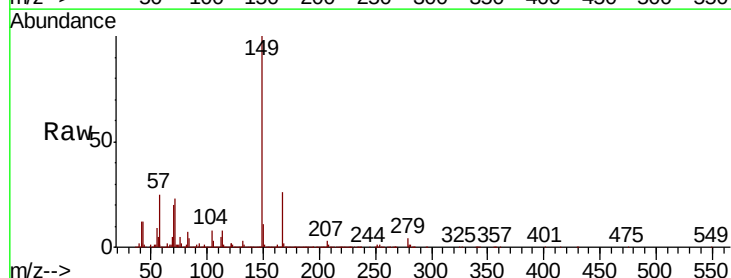
Tgt Ion:149 Resp: 3354914

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

279 4.0 3.6 5.4

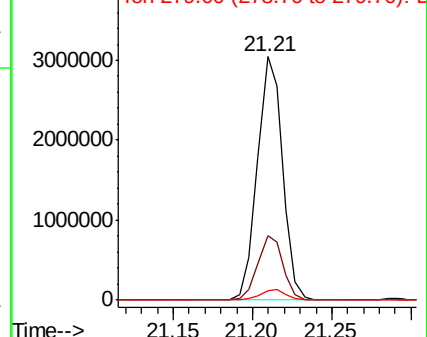
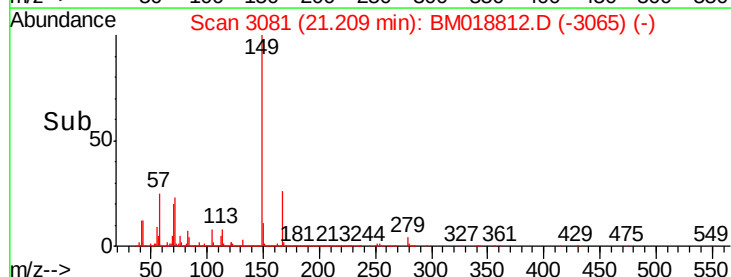


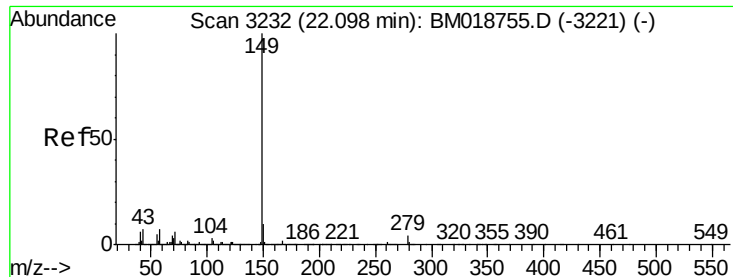
Abundance

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





#85

Di-n-octyl phthalate

Concen: 52.511 ng

RT: 22.09 min Scan# 3231

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

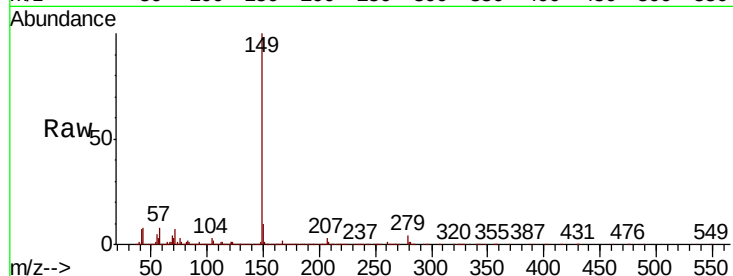
Tgt Ion:149 Resp: 5918673

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.0 9.0

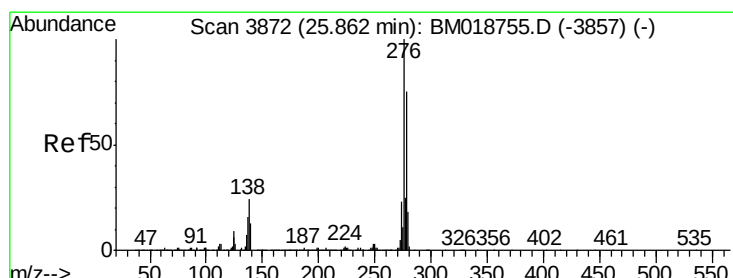
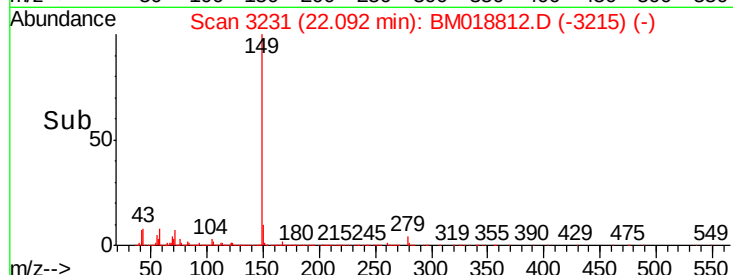
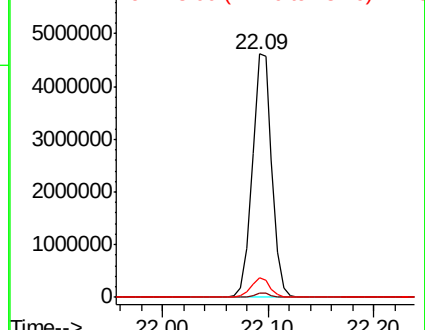


Abundance

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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.920 ng

RT: 25.86 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

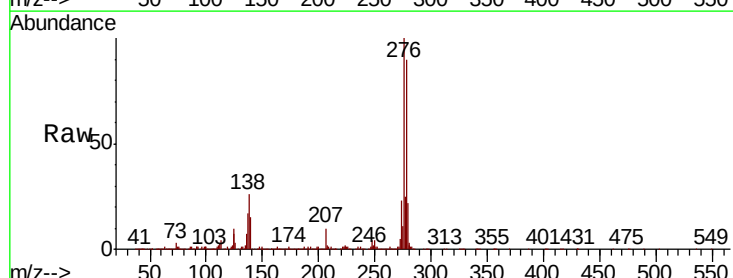
Tgt Ion:276 Resp: 5127731

Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

277 25.6 20.3 30.5

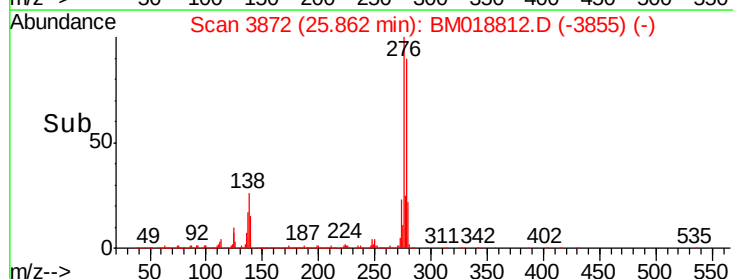
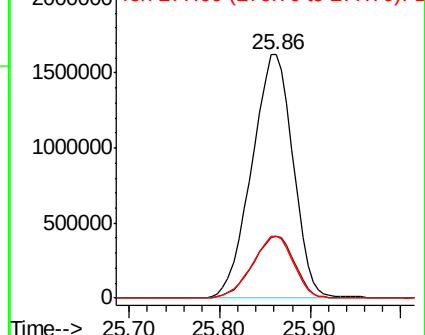


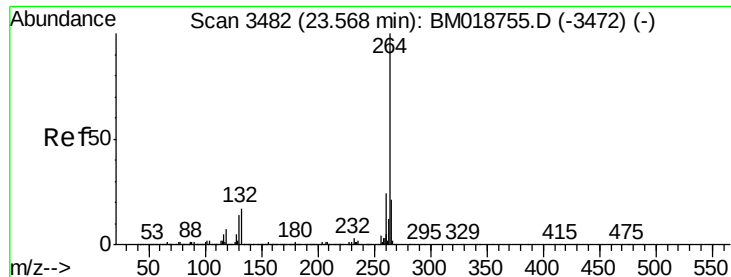
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.56 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

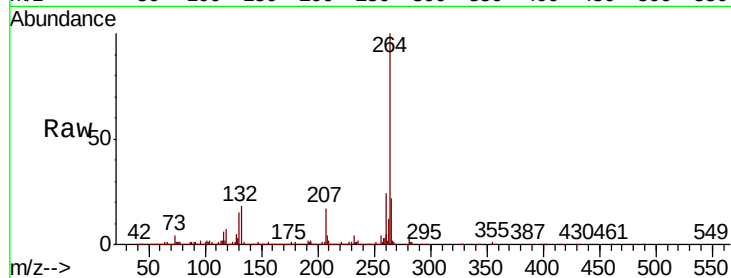
Tgt Ion:264 Resp: 1734774

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

265 22.2 17.3 25.9

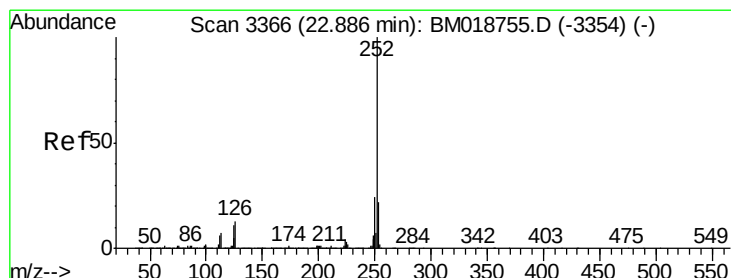
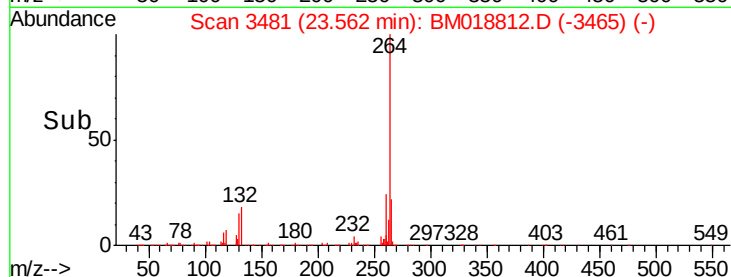
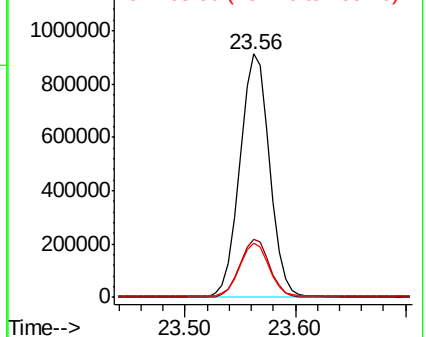


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.877 ng

RT: 22.89 min Scan# 3366

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

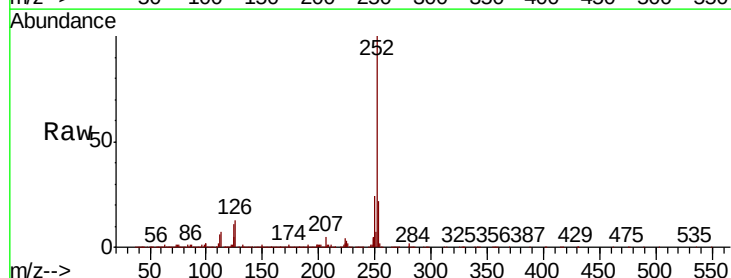
Tgt Ion:252 Resp: 4950416

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 10.8 8.6 12.8

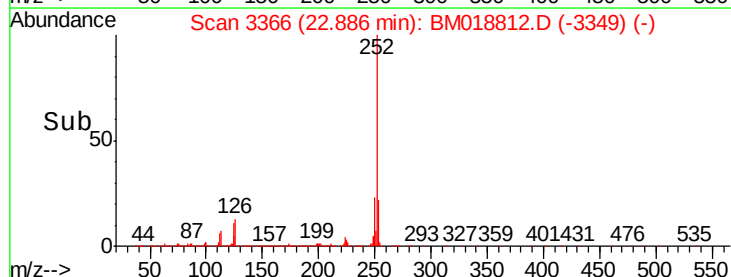
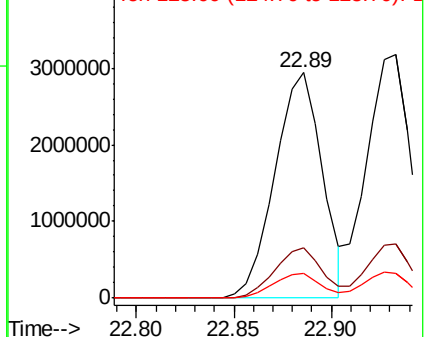


Abundance

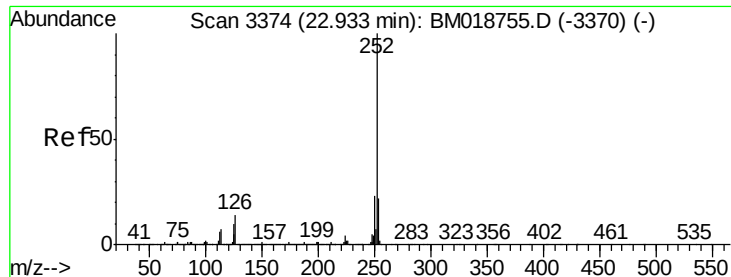
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E







#89

Benzo(k)fluoranthene

Concen: 51.160 ng

RT: 22.93 min Scan# 3374

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

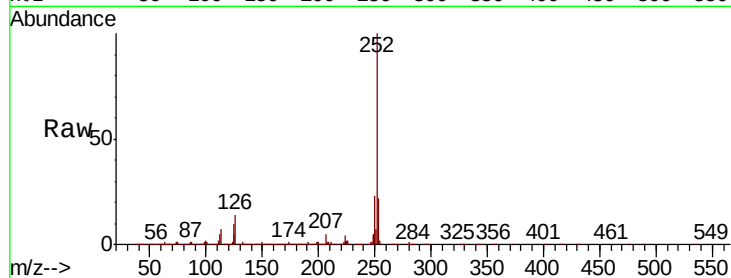
Tgt Ion:252 Resp: 5055280

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

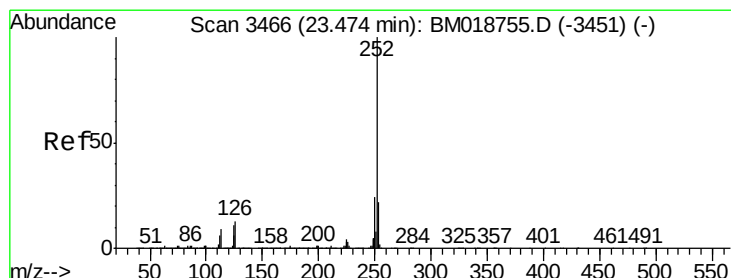
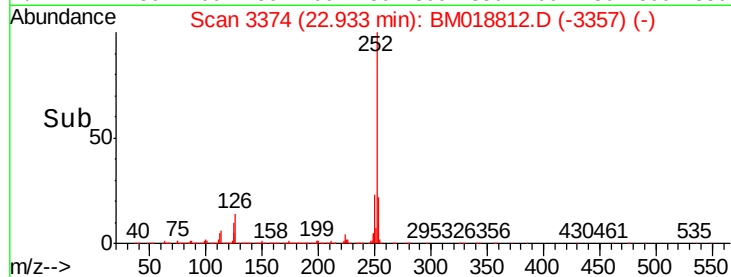
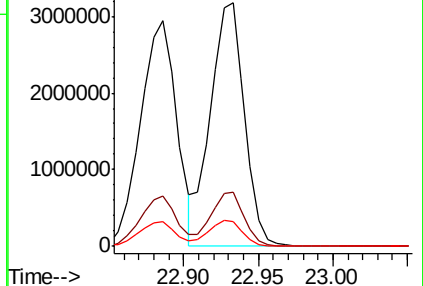
125 9.9 8.2 12.4



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

Benzo(a)pyrene

Concen: 50.363 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

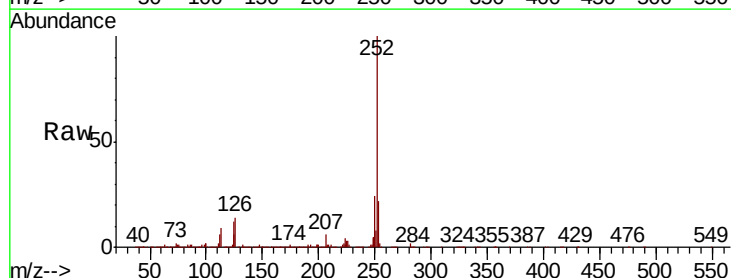
Tgt Ion:252 Resp: 4735331

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

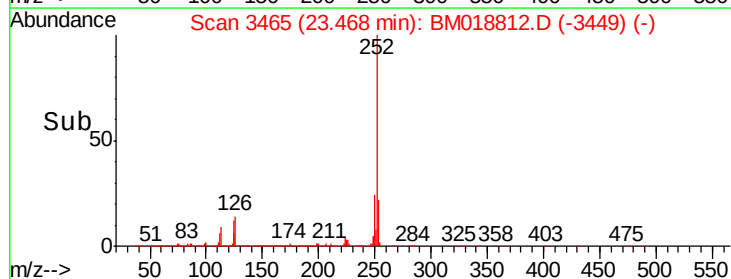
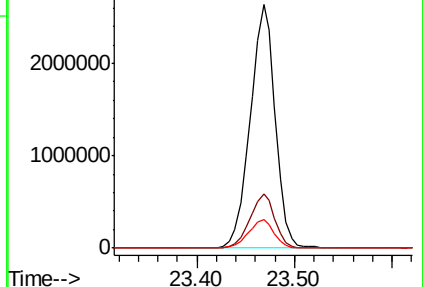
125 11.9 8.6 13.0

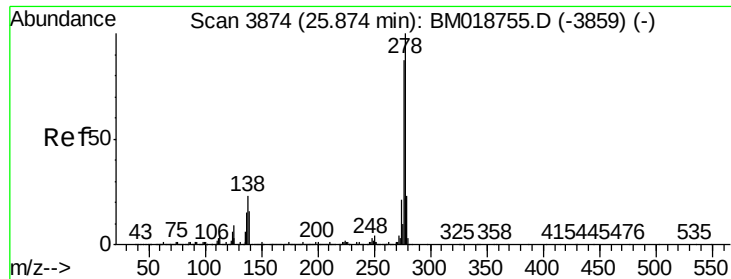


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.186 ng

RT: 25.87 min Scan# 3874

Delta R.T. -0.00 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

Instrument :

BNA\_M

ClientSampleId :

IDW-LIQUID-01MS

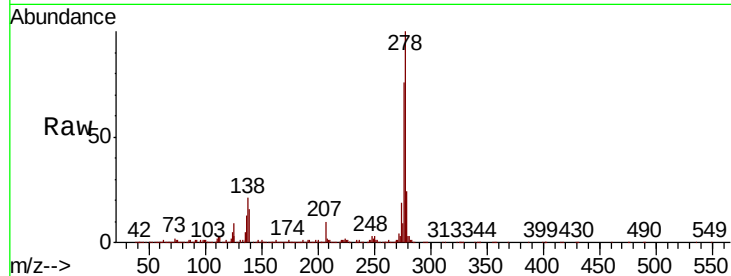
Tgt Ion:278 Resp: 4395555

Ion Ratio Lower Upper

278 100

139 15.9 12.6 18.8

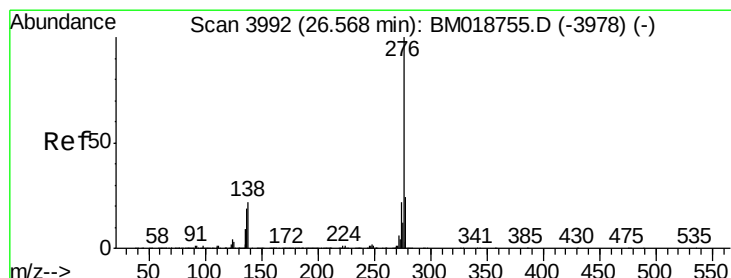
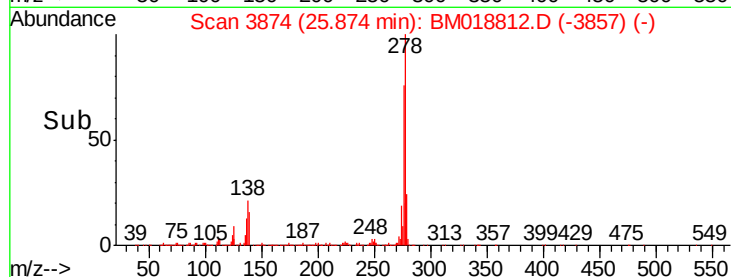
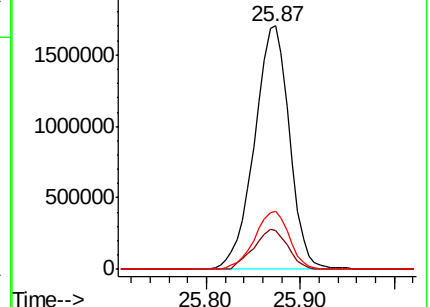
279 23.6 18.6 28.0



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



#92

Benzo(g,h,i)perylene

Concen: 45.721 ng

RT: 26.56 min Scan# 3991

Delta R.T. -0.01 min

Lab File: BM018812.D

Acq: 13 Feb 2019 21:25

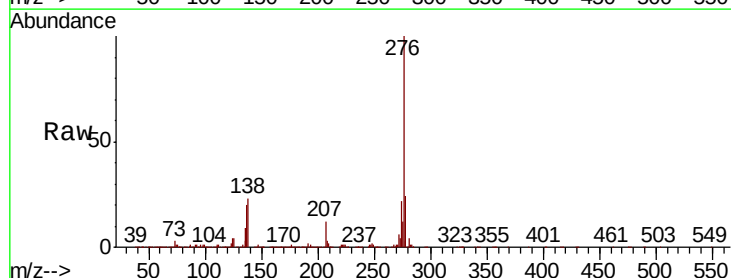
Tgt Ion:276 Resp: 3965131

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 22.5 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

