

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM072318\  
 Data File : BM016049.D  
 Acq On : 24 Jul 2018 05:26  
 Operator : SJ/JU  
 Sample : J3762-09  
 Misc : MDL 1 PPM  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

Quant Time: Jul 24 06:13:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 23 16:08:38 2018  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 8.23  | 152  | 43043    | 20.00 | ng    | 0.00     |
| 21) Naphthalene-d8        | 11.05 | 136  | 162838   | 20.00 | ng    | 0.00     |
| 38) Acenaphthene-d10      | 14.85 | 164  | 84559    | 20.00 | ng    | 0.00     |
| 63) Phenanthrene-d10      | 17.58 | 188  | 181934   | 20.00 | ng    | 0.00     |
| 75) Chrysene-d12          | 21.70 | 240  | 189523   | 20.00 | ng    | 0.00     |
| 86) Perylene-d12          | 24.07 | 264  | 197816   | 20.00 | ng    | 0.00     |

|                             |       |     |         |        |    |      |
|-----------------------------|-------|-----|---------|--------|----|------|
| System Monitoring Compounds |       |     |         |        |    |      |
| 5) 2-Fluorophenol           | 5.74  | 112 | 327839  | 126.52 | ng | 0.00 |
| 7) Phenol-d6                | 7.38  | 99  | 399182  | 117.96 | ng | 0.00 |
| 23) Nitrobenzene-d5         | 9.41  | 82  | 307514  | 87.84  | ng | 0.00 |
| 41) 2,4,6-Tribromophenol    | 16.33 | 330 | 136558  | 127.33 | ng | 0.00 |
| 44) 2-Fluorobiphenyl        | 13.47 | 172 | 615265  | 88.53  | ng | 0.00 |
| 78) Terphenyl-d14           | 20.15 | 244 | 1120612 | 123.77 | ng | 0.00 |

|                                |       |     |      |        |    |       |
|--------------------------------|-------|-----|------|--------|----|-------|
| Target Compounds               |       |     |      | Qvalue |    |       |
| 2) 1,4-Dioxane                 | 3.53  | 88  | 778  | 0.641  | ng | # 100 |
| 6) Aniline                     | 7.57  | 93  | 1683 | 0.432  | ng | # 80  |
| 8) 2-Chlorophenol              | 7.79  | 128 | 2219 | 0.721  | ng | # 41  |
| 9) Benzaldehyde                | 7.38  | 77  | 1045 | 0.440  | ng | # 2   |
| 10) Phenol                     | 7.41  | 94  | 2731 | 0.807  | ng | # 13  |
| 11) bis(2-Chloroethyl)ether    | 7.66  | 93  | 1451 | 0.543  | ng | # 58  |
| 12) 1,3-Dichlorobenzene        | 8.13  | 146 | 3087 | 0.856  | ng | # 80  |
| 13) 1,4-Dichlorobenzene        | 8.26  | 146 | 2811 | 0.769  | ng | 93    |
| 14) 1,2-Dichlorobenzene        | 8.59  | 146 | 2984 | 0.834  | ng | 95    |
| 15) Benzyl Alcohol             | 8.55  | 79  | 5984 | 2.221  | ng | # 40  |
| 16) 2,2'-oxybis(1-Chloropropan | 8.76  | 45  | 3019 | 0.738  | ng | # 47  |
| 17) 2-Methylphenol             | 8.73  | 107 | 716  | 0.310  | ng | # 66  |
| 18) Hexachloroethane           | 9.31  | 117 | 1186 | 0.750  | ng | 95    |
| 19) n-Nitroso-di-n-propylamine | 9.05  | 70  | 1392 | 0.563  | ng | # 85  |
| 22) Acetophenone               | 9.11  | 105 | 2726 | 0.665  | ng | # 61  |
| 24) Nitrobenzene               | 9.46  | 77  | 3499 | 0.993  | ng | # 82  |
| 25) Isophorone                 | 9.99  | 82  | 4227 | 0.883  | ng | # 62  |
| 27) 2,4-Dimethylphenol         | 10.25 | 122 | 1165 | 0.568  | ng | # 93  |
| 28) bis(2-Chloroethoxy)methane | 10.47 | 93  | 1719 | 0.552  | ng | # 50  |
| 30) 1,2,4-Trichlorobenzene     | 10.92 | 180 | 2347 | 0.793  | ng | 88    |
| 31) Naphthalene                | 11.10 | 128 | 7246 | 0.879  | ng | # 92  |
| 34) Hexachlorobutadiene        | 11.36 | 225 | 1539 | 0.750  | ng | # 76  |
| 36) 4-Chloro-3-methylphenol    | 12.37 | 107 | 435  | 0.162  | ng | # 14  |
| 37) 2-Methylnaphthalene        | 12.71 | 142 | 4974 | 0.901  | ng | # 89  |
| 39) 1,2,4,5-Tetrachlorobenzene | 13.07 | 216 | 2374 | 0.825  | ng | # 100 |
| 42) 2,4,6-Trichlorophenol      | 13.32 | 196 | 754  | 0.419  | ng | # 79  |
| 43) 2,4,5-Trichlorophenol      | 13.32 | 196 | 754  | 0.406  | ng | # 69  |
| 45) 1,1'-Biphenyl              | 13.70 | 154 | 7249 | 0.950  | ng | 91    |
| 46) 2-Chloronaphthalene        | 13.75 | 162 | 4932 | 0.831  | ng | # 84  |
| 48) Acenaphthylene             | 14.59 | 152 | 7034 | 0.810  | ng | # 93  |
| 49) Dimethylphthalate          | 14.31 | 163 | 6184 | 0.836  | ng | # 97  |
| 50) 2,6-Dinitrotoluene         | 14.45 | 165 | 779  | 0.523  | ng | # 62  |
| 51) Acenaphthene               | 14.92 | 154 | 4594 | 0.860  | ng | # 81  |
| 54) Dibenzofuran               | 15.26 | 168 | 7537 | 0.856  | ng | 90    |

Data Path : Z:\SVOASRV\HPCHEM1\BNA\_M\DATA\BM072318\  
 Data File : BM016049.D  
 Acq On : 24 Jul 2018 05:26  
 Operator : SJ/JU  
 Sample : J3762-09  
 Misc : MDL 1 PPM  
 ALS Vial : 19 Sample Multiplier: 1

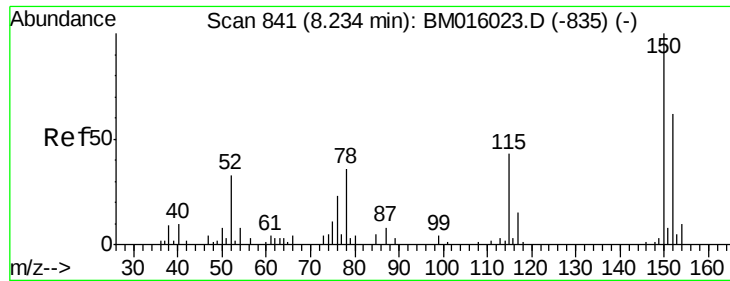
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

Quant Time: Jul 24 06:13:01 2018  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\8270-BM072318.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Mon Jul 23 16:08:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|--------------------------------|-------|------|----------|-------|-------|----------|
| 56) 2,4-Dinitrotoluene         | 15.27 | 165  | 462      | 0.217 | ng    | # 88     |
| 57) Fluorene                   | 15.90 | 166  | 5499     | 0.840 | ng    | 98       |
| 58) 2,3,4,6-Tetrachlorophenol  | 15.49 | 232  | 1003     | 0.628 | ng    | # 100    |
| 59) Diethylphthalate           | 15.65 | 149  | 6148     | 0.771 | ng    | 96       |
| 60) 4-Chlorophenyl-phenylether | 15.89 | 204  | 2856     | 0.784 | ng    | # 68     |
| 62) Azobenzene                 | 16.17 | 77   | 4835     | 0.576 | ng    | # 77     |
| 65) n-Nitrosodiphenylamine     | 16.10 | 169  | 4534     | 0.757 | ng    | # 89     |
| 66) 4-Bromophenyl-phenylether  | 16.78 | 248  | 1380     | 0.670 | ng    | # 62     |
| 67) Hexachlorobenzene          | 16.89 | 284  | 1865     | 0.822 | ng    | # 70     |
| 68) Atrazine                   | 17.03 | 200  | 1388     | 0.646 | ng    | # 81     |
| 69) Pentachlorophenol          | 17.25 | 266  | 336      | 0.239 | ng    | # 19     |
| 70) Phenanthrene               | 17.63 | 178  | 9778     | 0.960 | ng    | # 91     |
| 71) Anthracene                 | 17.73 | 178  | 8056     | 0.814 | ng    | # 93     |
| 72) Carbazole                  | 18.01 | 167  | 6284     | 0.613 | ng    | 96       |
| 73) Di-n-butylphthalate        | 18.51 | 149  | 8467     | 0.663 | ng    | # 95     |
| 74) Fluoranthene               | 19.62 | 202  | 9578     | 0.843 | ng    | 98       |
| 76) Benzidine                  | 19.83 | 184  | 712      | 0.134 | ng    | # 68     |
| 77) Pyrene                     | 19.97 | 202  | 9423     | 0.830 | ng    | 98       |
| 79) Butylbenzylphthalate       | 20.82 | 149  | 4013     | 0.696 | ng    | # 80     |
| 80) Benzo(a)anthracene         | 21.69 | 228  | 11181    | 0.958 | ng    | 92       |
| 81) 3,3'-Dichlorobenzidine     | 21.62 | 252  | 3252     | 0.692 | ng    | # 82     |
| 82) Chrysene                   | 21.74 | 228  | 10412    | 0.930 | ng    | 92       |
| 83) Bis(2-ethylhexyl)phthalate | 21.57 | 149  | 5879     | 0.703 | ng    | # 93     |
| 84) Di-n-octyl phthalate       | 22.48 | 149  | 9903     | 0.705 | ng    | # 59     |
| 85) Indeno(1,2,3-cd)pyrene     | 26.51 | 276  | 12188    | 0.917 | ng    | 97       |
| 87) Benzo(b)fluoranthene       | 23.36 | 252  | 11239    | 0.965 | ng    | # 93     |
| 88) Benzo(k)fluoranthene       | 23.40 | 252  | 12537    | 1.062 | ng    | # 78     |
| 89) Benzo(a)pyrene             | 23.97 | 252  | 11572    | 1.034 | ng    | 97       |
| 90) Dibenzo(a,h)anthracene     | 26.51 | 278  | 10123    | 0.873 | ng    | 98       |
| 91) Benzo(g,h,i)perylene       | 27.28 | 276  | 10559    | 0.962 | ng    | # 89     |

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



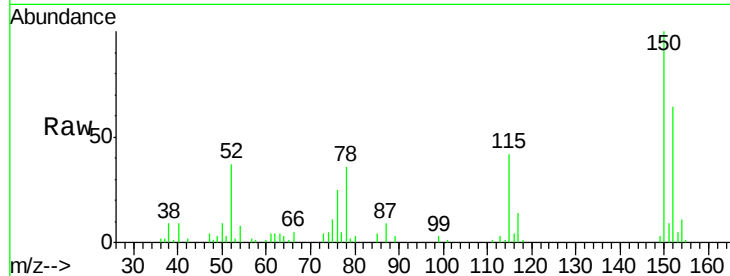


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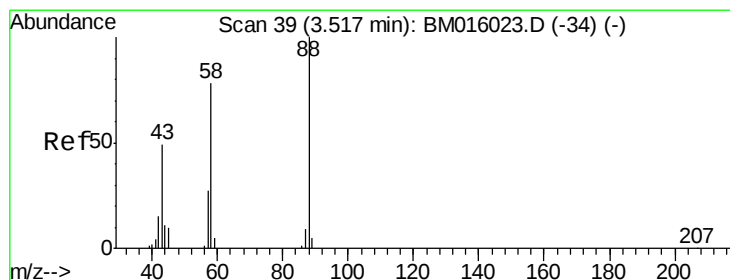
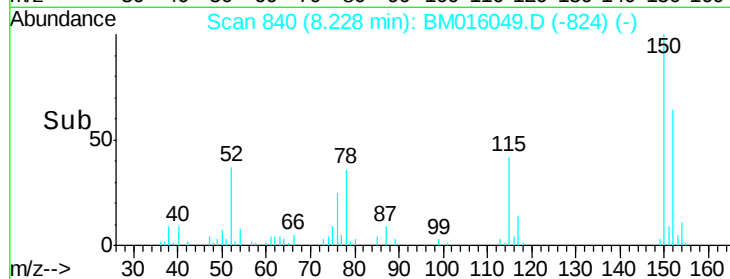
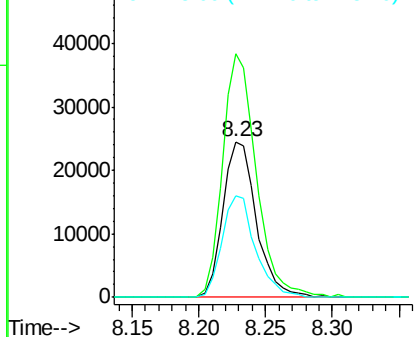
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 8.23 min Scan# 840  
Delta R.T. -0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

Tgt Ion:152 Resp: 43043  
Ion Ratio Lower Upper  
152 100  
150 156.3 119.5 179.3  
115 65.0 43.0 64.4#



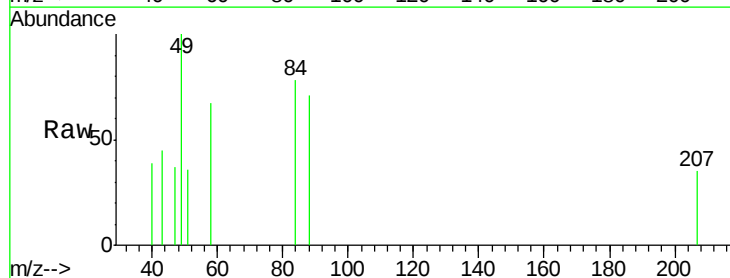
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



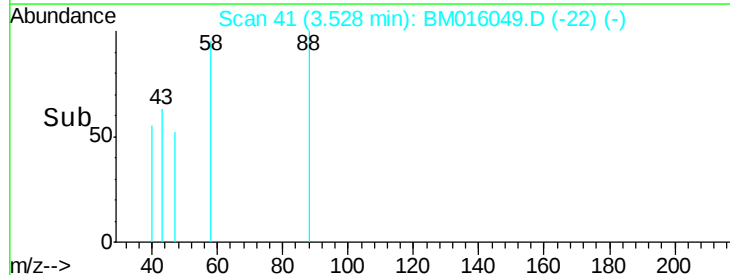
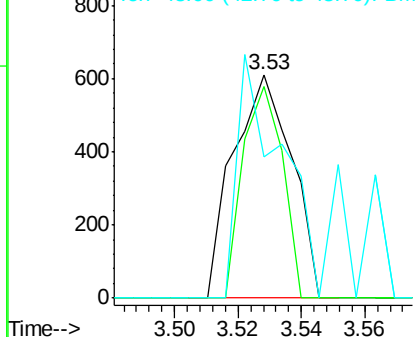
#2

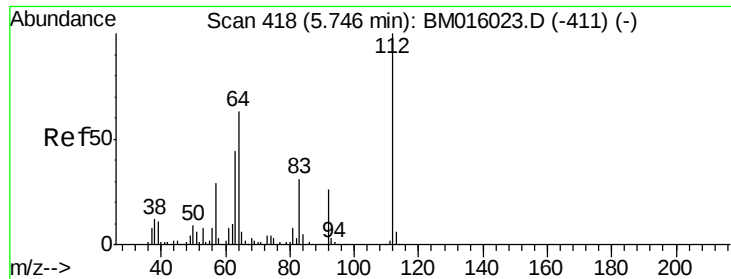
1,4-Dioxane  
Concen: 0.641 ng  
RT: 3.53 min Scan# 41  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 88 Resp: 778  
Ion Ratio Lower Upper  
88 100  
58 64.3 0.0 0.0#  
43 82.1 0.0 0.0#



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





#5

2-Fluorophenol

Concen: N.D. ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

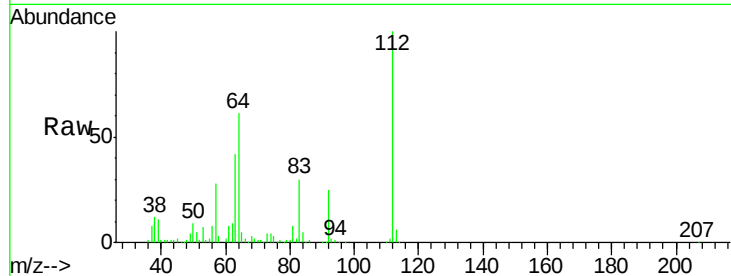
Tgt Ion: 112 Resp: 327839

Ion Ratio Lower Upper

112 100

64 60.6 38.6 57.8#

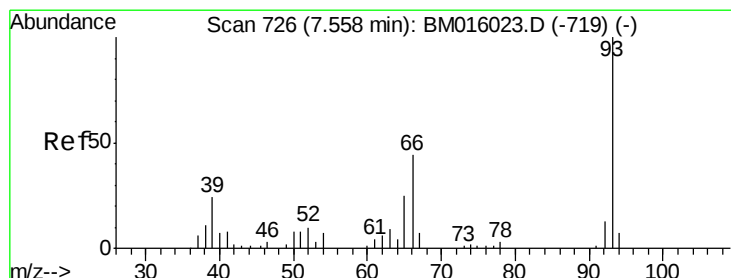
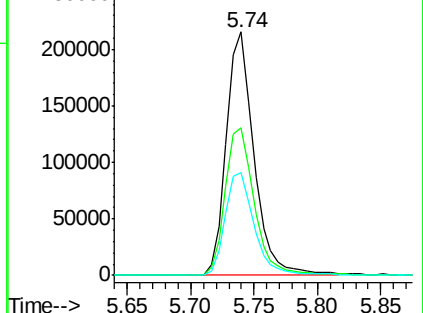
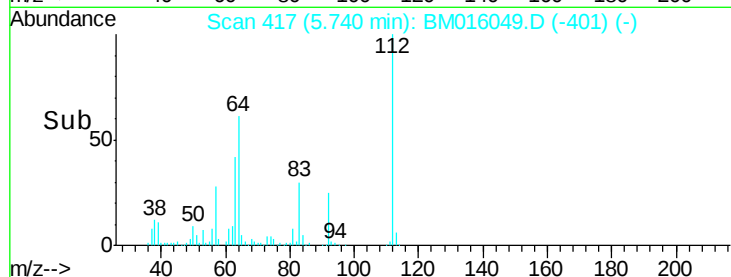
63 42.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 0.432 ng

RT: 7.57 min Scan# 728

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

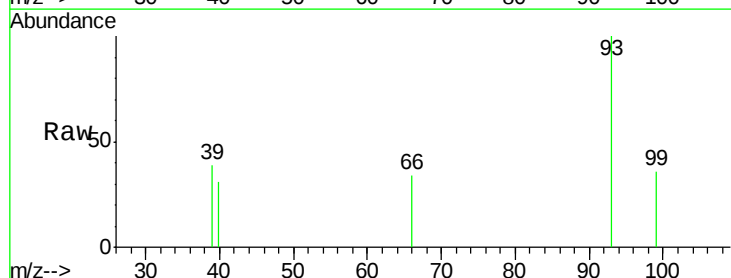
Tgt Ion: 93 Resp: 1683

Ion Ratio Lower Upper

93 100

66 33.6 30.8 46.2

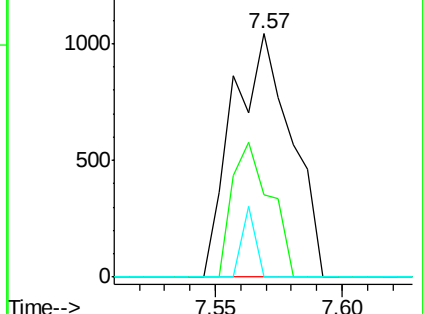
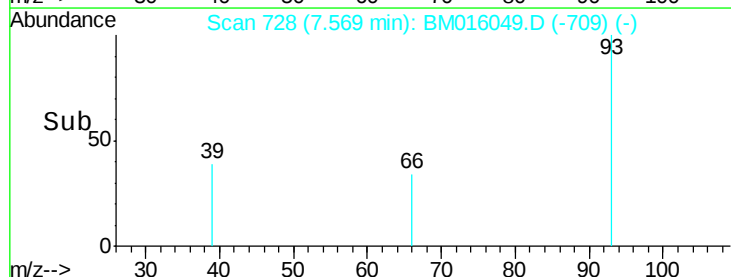
65 0.0 16.0 24.0#

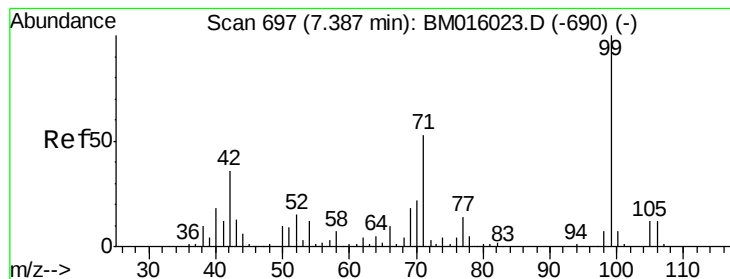


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 0.432 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

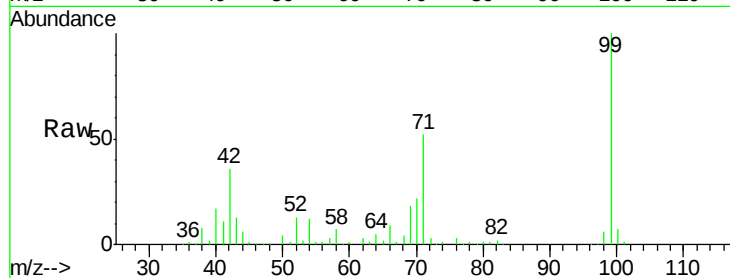
Tgt Ion: 99 Resp: 399182

Ion Ratio Lower Upper

99 100

42 35.5 11.0 16.4#

71 51.9 23.4 35.2#

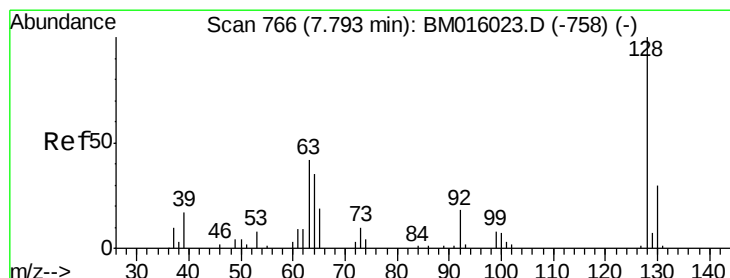
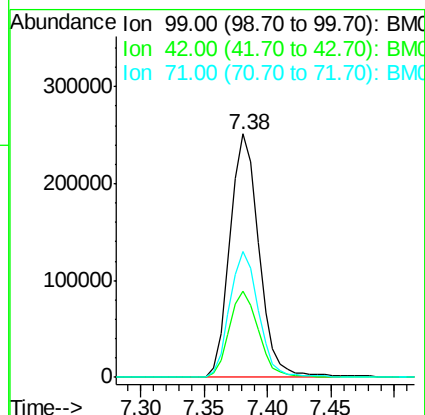
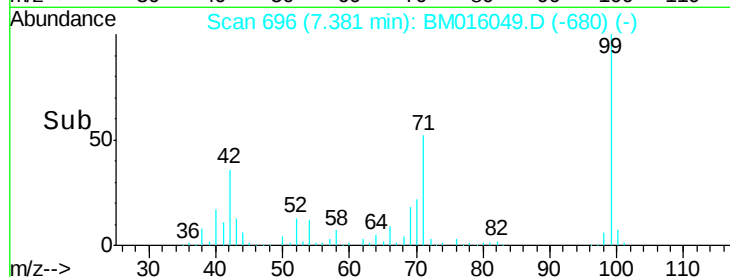


Abundance Ion 99.00 (98.70 to 99.70): BM016023.D (-690) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-690) (-)

Ion 71.00 (70.70 to 71.70): BM016023.D (-690) (-)

Time-->



#8

2-Chlorophenol

Concen: 0.721 ng

RT: 7.79 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

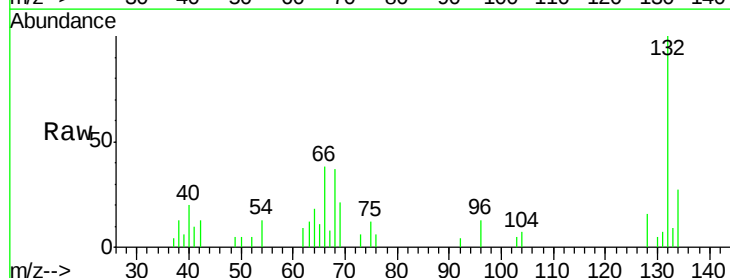
Tgt Ion: 128 Resp: 2219

Ion Ratio Lower Upper

128 100

130 31.7 12.0 52.0

64 111.0 24.9 64.9#

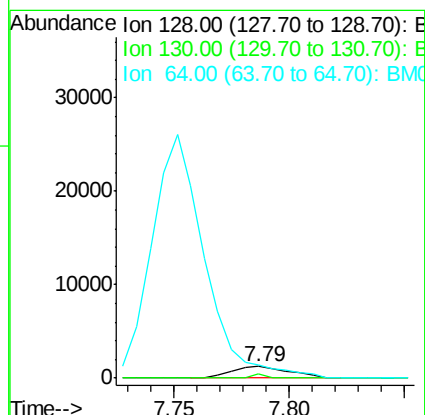
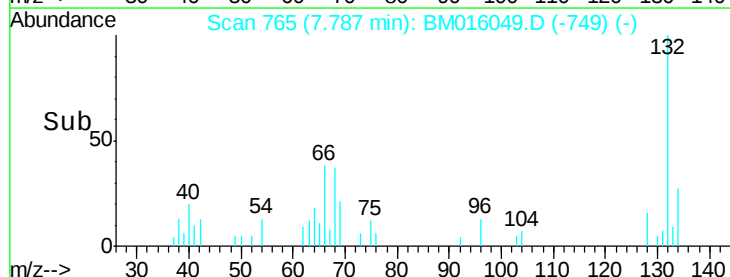


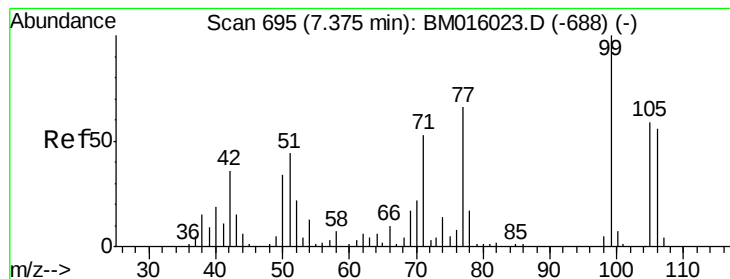
Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-758) (-)

Ion 64.00 (63.70 to 64.70): BM016023.D (-758) (-)

Time-->





#9

Benzaldehyde

Concen: 0.440 ng

RT: 7.38 min Scan# 696

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

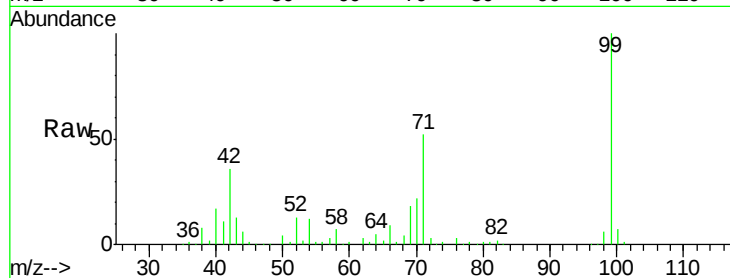
Tgt Ion: 77 Resp: 1045

Ion Ratio Lower Upper

77 100

105 0.0 78.8 118.8#

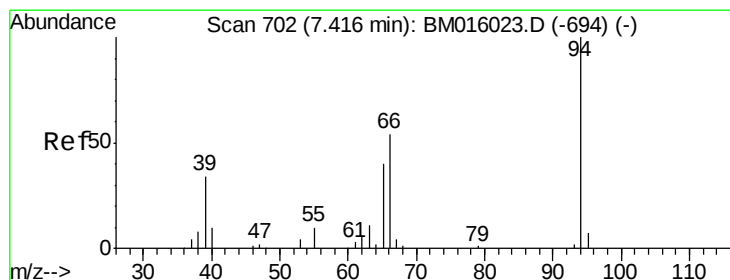
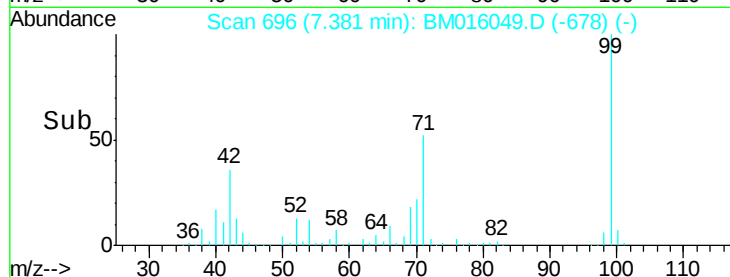
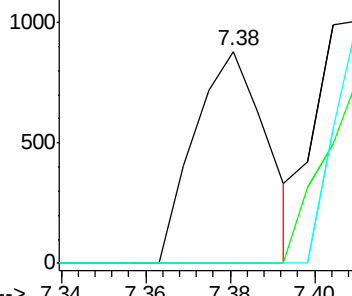
106 0.0 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-688) (-)

Ion 105.00 (104.70 to 105.70): BM016023.D (-688) (-)

Ion 106.00 (105.70 to 106.70): BM016023.D (-688) (-)



#10

Phenol

Concen: 0.807 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

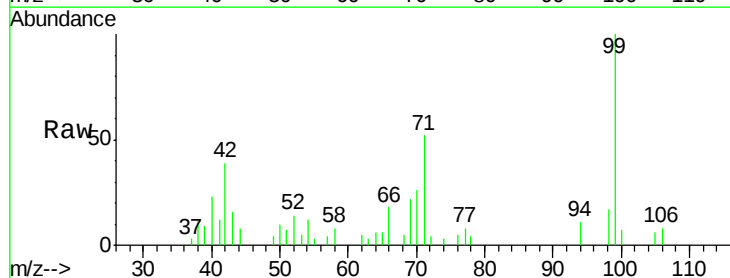
Tgt Ion: 94 Resp: 2731

Ion Ratio Lower Upper

94 100

65 54.4 18.8 58.8

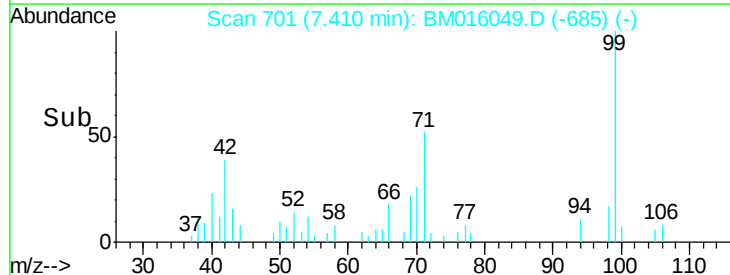
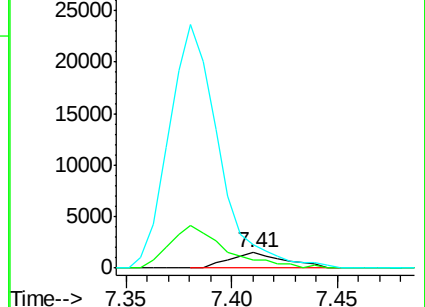
66 155.1 39.9 79.9#

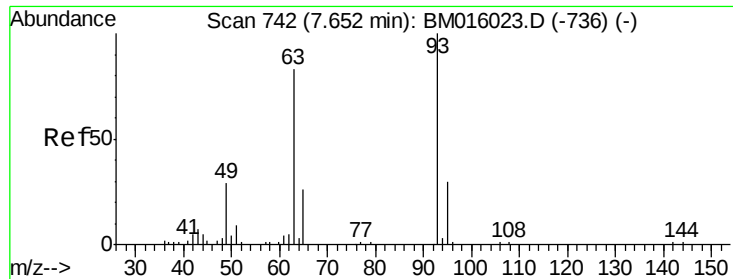


Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)

Ion 65.00 (64.70 to 65.70): BM016023.D (-694) (-)

Ion 66.00 (65.70 to 66.70): BM016023.D (-694) (-)

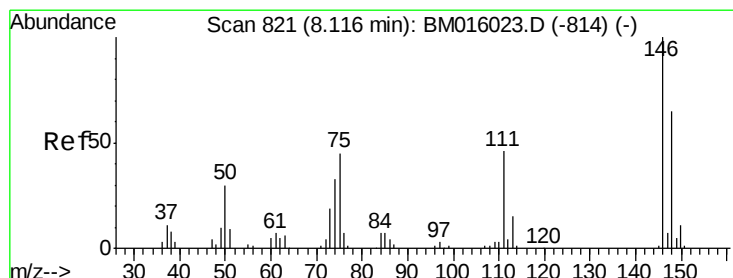
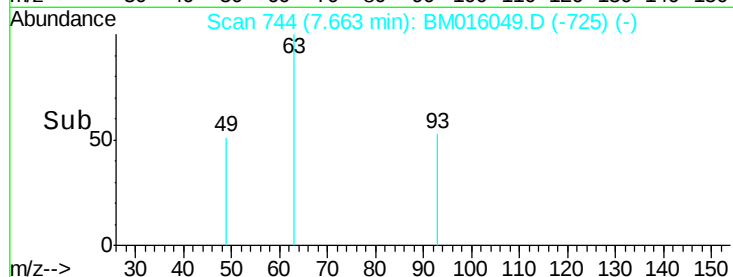
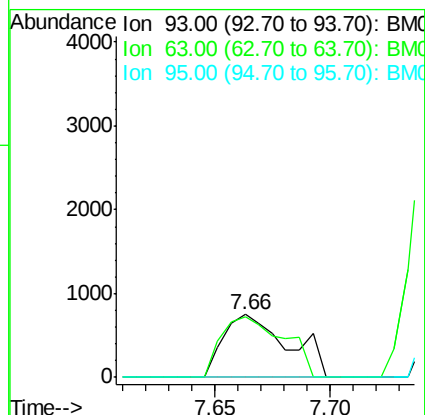
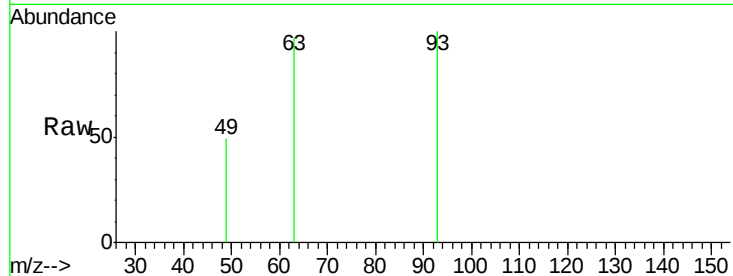




#11  
bis(2-Chloroethyl)ether  
Concen: 0.543 ng  
RT: 7.66 min Scan# 744  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

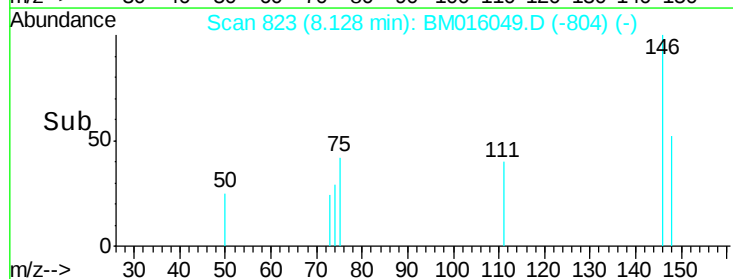
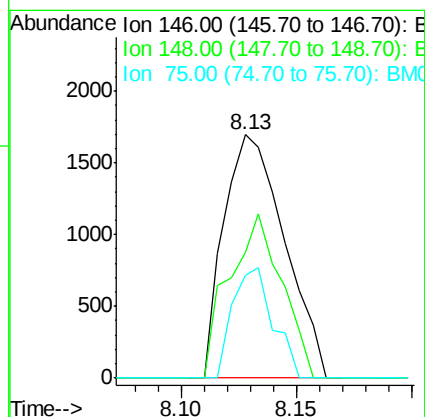
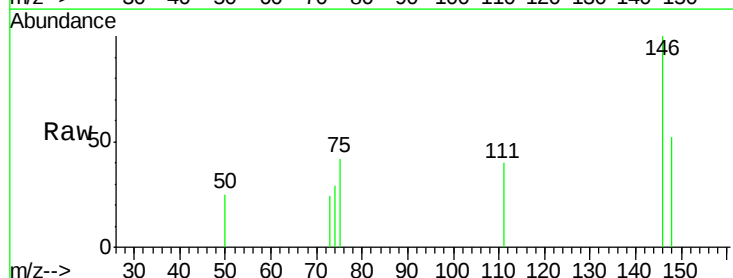
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

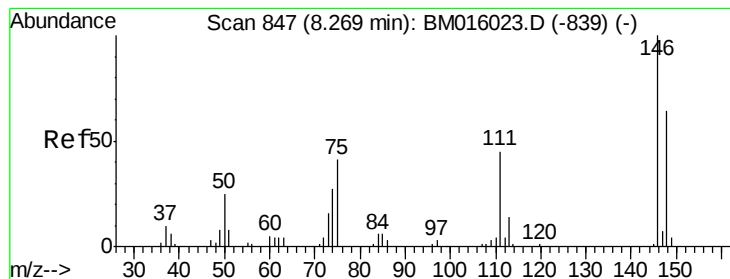
Tgt Ion: 93 Resp: 1451  
Ion Ratio Lower Upper  
93 100  
63 97.1 49.5 89.5#  
95 0.0 13.5 53.5#



#12  
1,3-Dichlorobenzene  
Concen: 0.856 ng  
RT: 8.13 min Scan# 823  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 146 Resp: 3087  
Ion Ratio Lower Upper  
146 100  
148 51.7 50.9 76.3  
75 42.2 21.4 32.2#

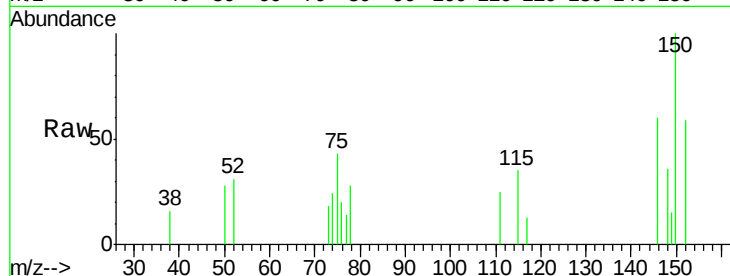




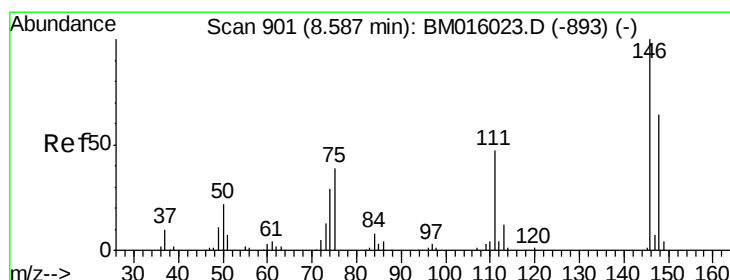
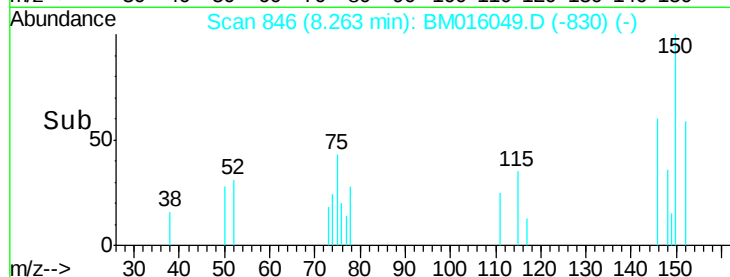
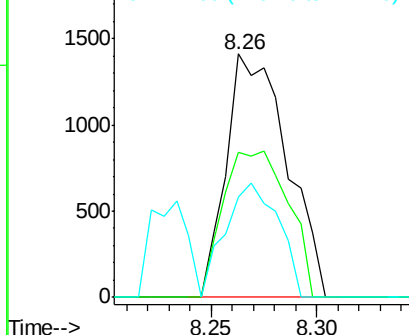
#13  
 1,4-Dichlorobenzene  
 Concen: 0.769 ng  
 RT: 8.26 min Scan# 846  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

Tgt Ion:146 Resp: 2811  
 Ion Ratio Lower Upper  
 146 100  
 148 59.3 51.9 77.9  
 111 41.0 29.2 43.8

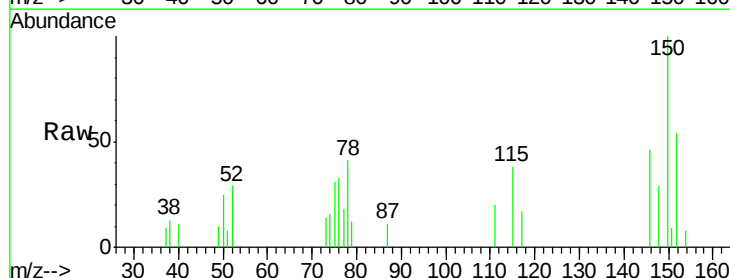


Abundance Ion 146.00 (145.70 to 146.70): E  
 Ion 148.00 (147.70 to 148.70): E  
 Ion 111.00 (110.70 to 111.70): E

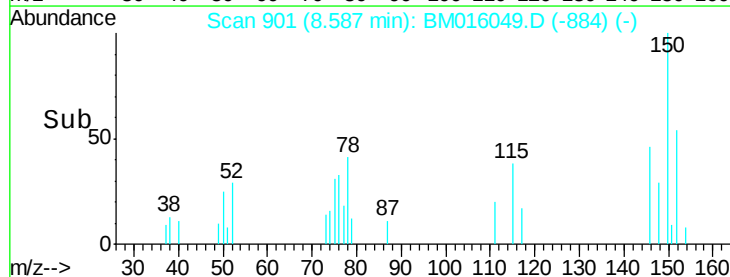
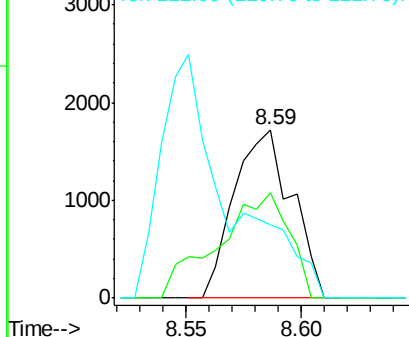


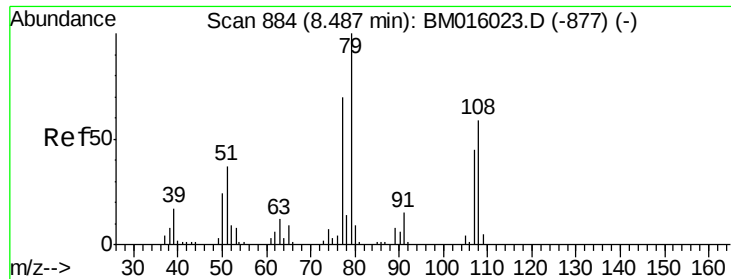
#14  
 1,2-Dichlorobenzene  
 Concen: 0.834 ng  
 RT: 8.59 min Scan# 901  
 Delta R.T. -0.00 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion:146 Resp: 2984  
 Ion Ratio Lower Upper  
 146 100  
 148 62.7 52.3 78.5  
 111 43.4 30.6 45.8



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

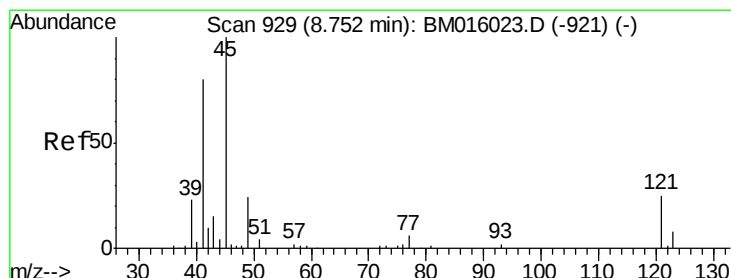
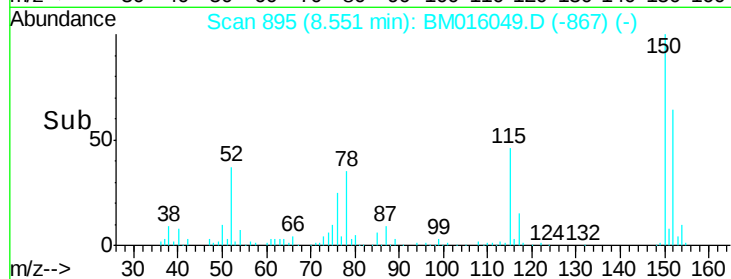
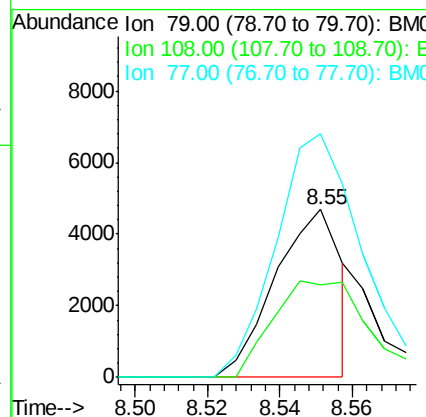
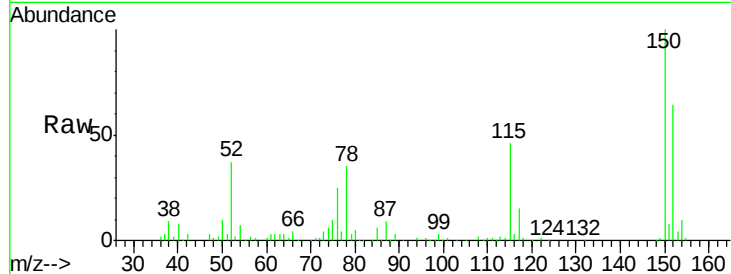




#15  
Benzyl Alcohol  
Concen: 2.221 ng  
RT: 8.55 min Scan# 895  
Delta R.T. 0.06 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

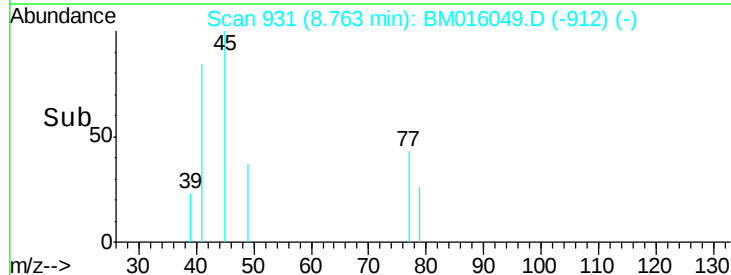
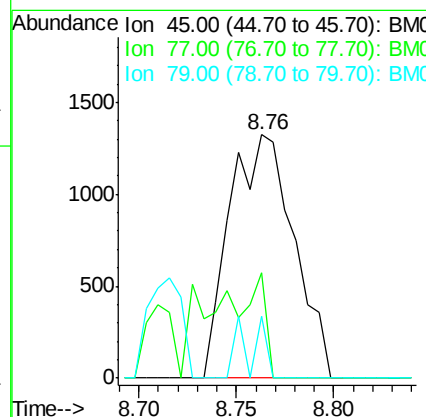
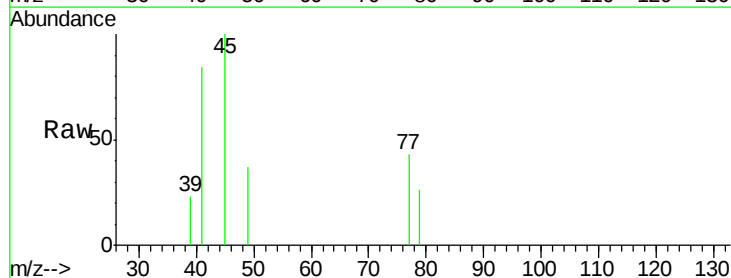
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

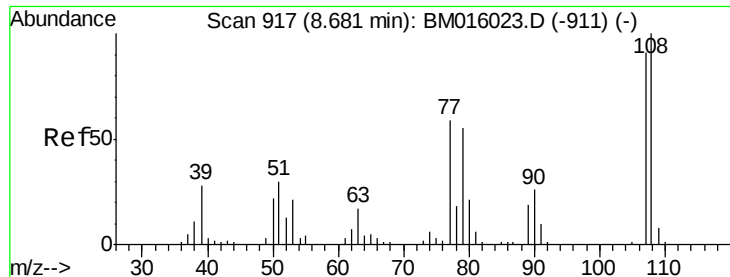
Tgt Ion: 79 Resp: 5984  
Ion Ratio Lower Upper  
79 100  
108 55.3 65.0 97.4#  
77 144.9 53.0 79.6#



#16  
2,2'-oxybis(1-Chloropropane)  
Concen: 0.738 ng  
RT: 8.76 min Scan# 931  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 45 Resp: 3019  
Ion Ratio Lower Upper  
45 100  
77 43.5 0.0 35.2#  
79 25.6 0.0 32.0

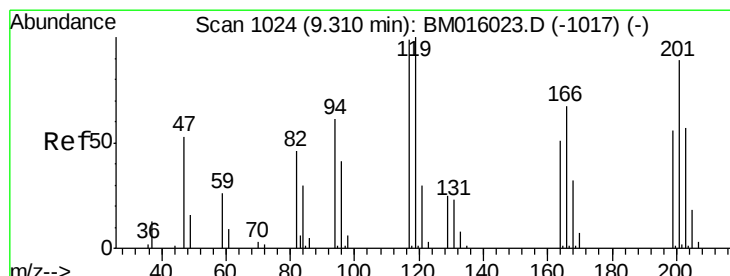
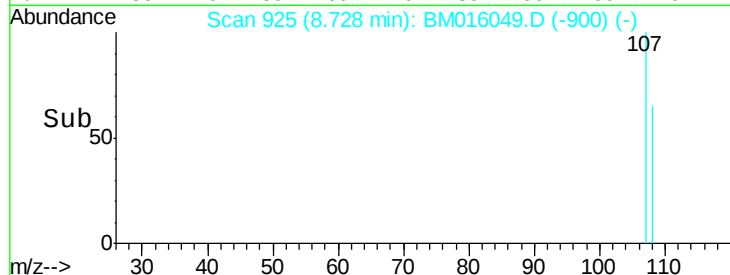
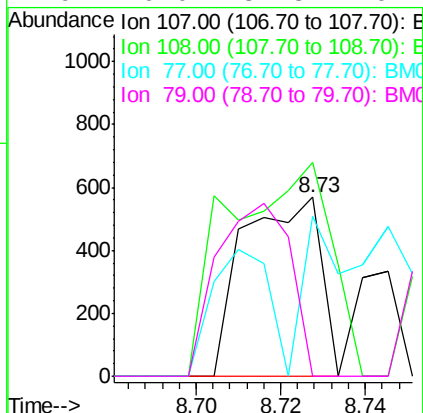
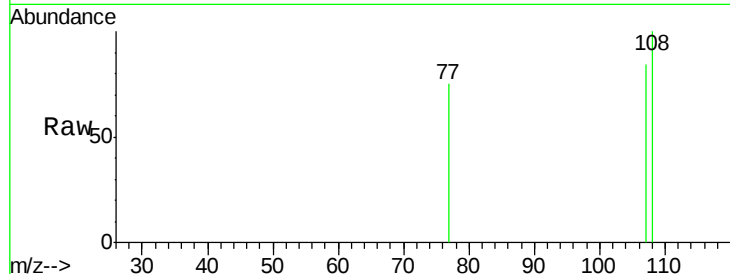




#17  
2-Methylphenol  
Concen: 0.310 ng  
RT: 8.73 min Scan# 925  
Delta R.T. 0.05 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

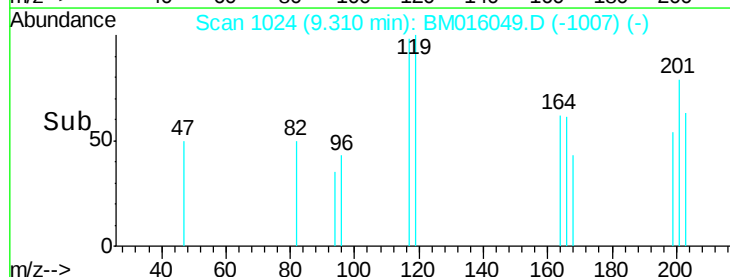
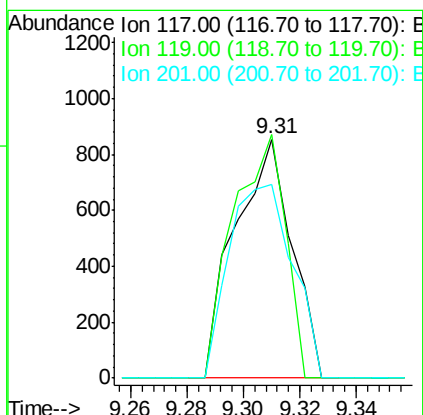
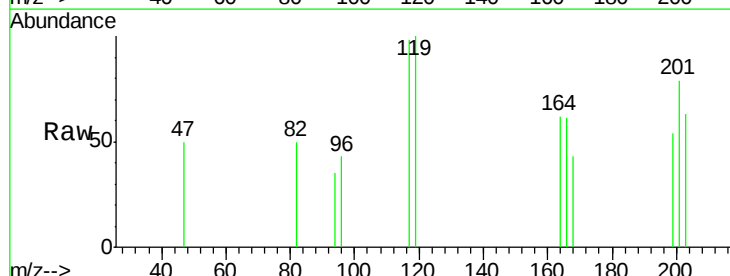
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

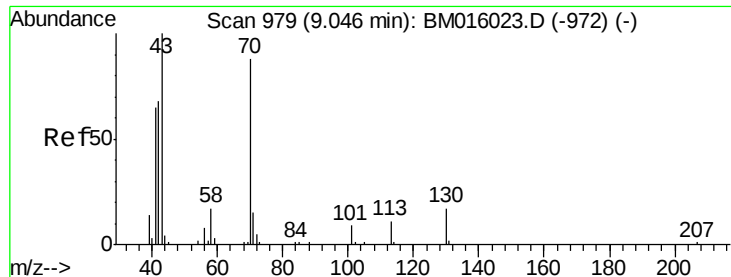
Tgt Ion:107 Resp: 716  
Ion Ratio Lower Upper  
107 100  
108 119.5 89.8 134.8  
77 89.4 32.6 48.8#  
79 0.0 32.8 49.2#



#18  
Hexachloroethane  
Concen: 0.750 ng  
RT: 9.31 min Scan# 1024  
Delta R.T. -0.00 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion:117 Resp: 1186  
Ion Ratio Lower Upper  
117 100  
119 102.0 79.2 118.8  
201 81.0 69.8 104.6

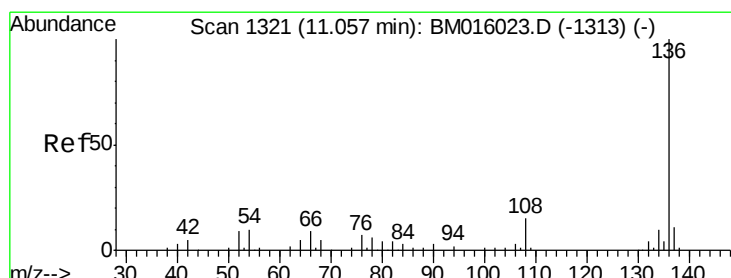
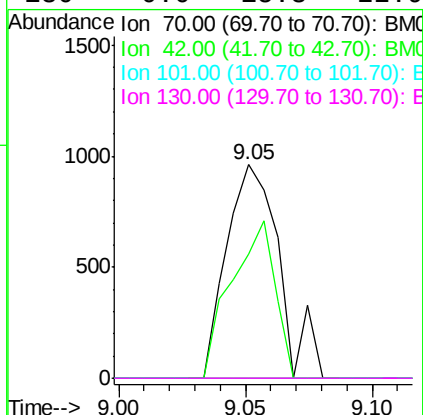
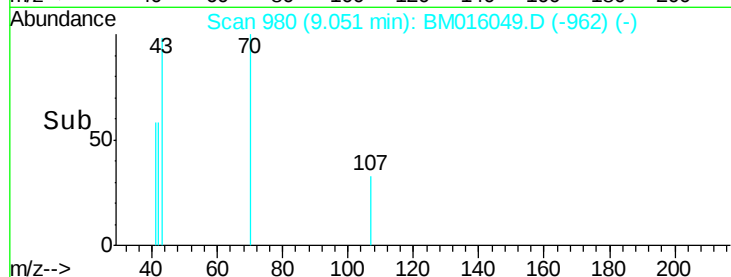
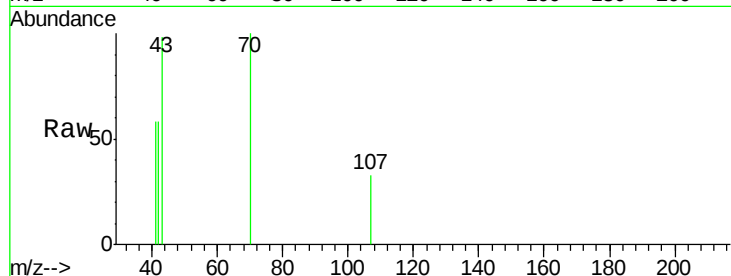




#19  
n-Nitroso-di-n-propylamine  
Concen: 0.563 ng  
RT: 9.05 min Scan# 980  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

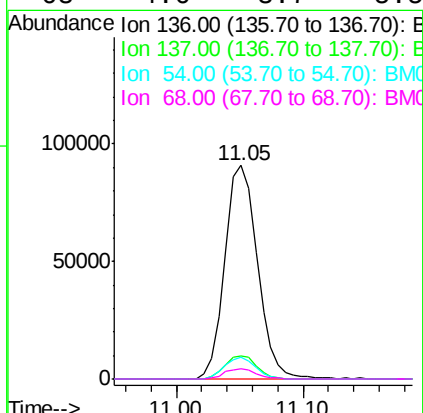
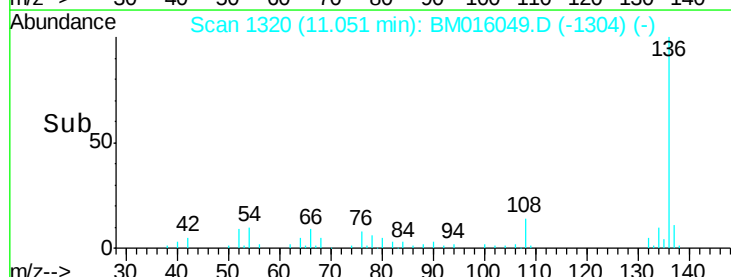
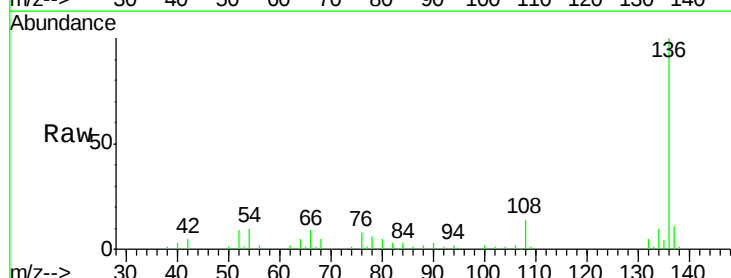
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

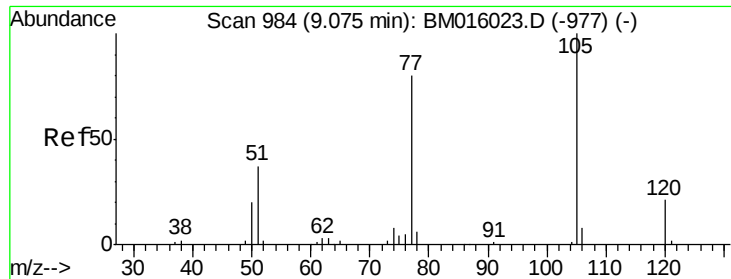
Tgt Ion: 70 Resp: 1392  
Ion Ratio Lower Upper  
70 100  
42 58.1 44.5 66.7  
101 0.0 7.4 11.2#  
130 0.0 15.3 22.9#



#21  
Naphthalene-d8  
Concen: 20.000 ng  
RT: 11.05 min Scan# 1320  
Delta R.T. -0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 136 Resp: 162838  
Ion Ratio Lower Upper  
136 100  
137 11.0 8.7 13.1  
54 10.1 4.6 6.8#  
68 4.6 3.7 5.5





#22

Acetophenone

Concen: 0.665 ng

RT: 9.11 min Scan# 990

Delta R.T. 0.03 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion: 105 Resp: 2726

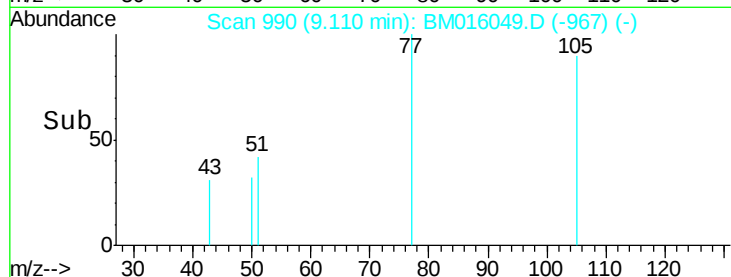
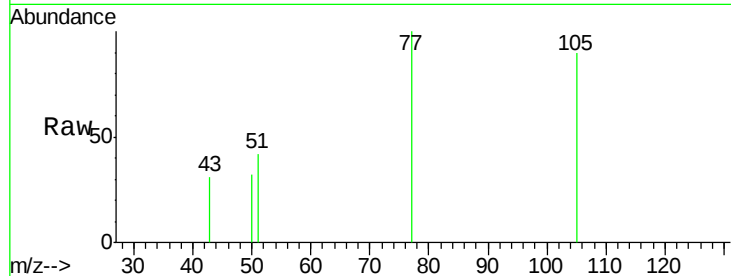
Ion Ratio Lower Upper

105 100

71 0.0 0.6 1.0#

51 46.3 21.6 32.4#

120 0.0 16.1 24.1#

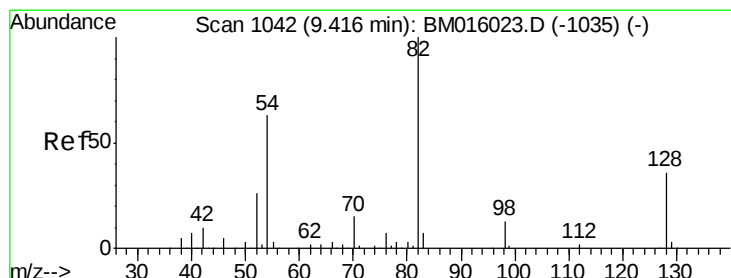
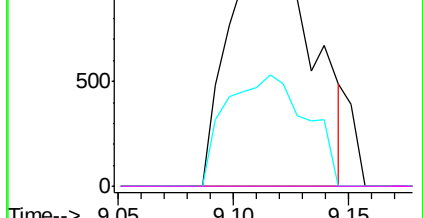


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM0

Ion 51.00 (50.70 to 51.70): BM0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 0.665 ng

RT: 9.41 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

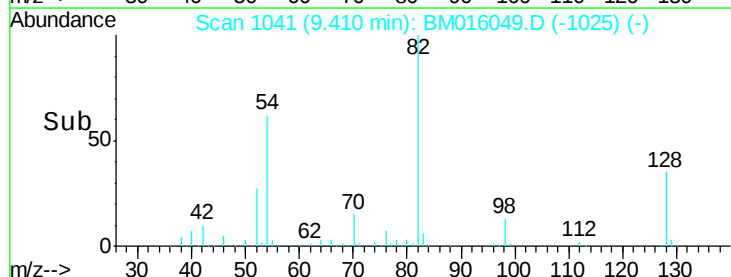
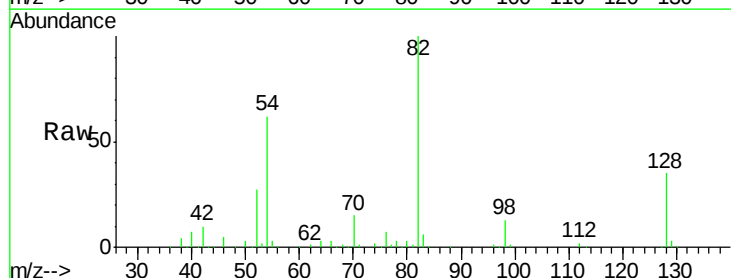
Tgt Ion: 82 Resp: 307514

Ion Ratio Lower Upper

82 100

128 35.5 32.8 49.2

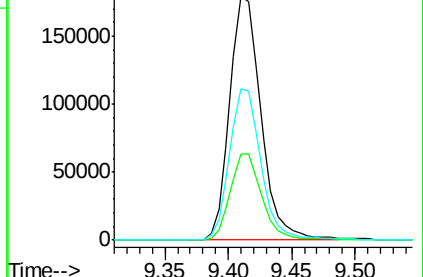
54 62.3 40.6 60.8#

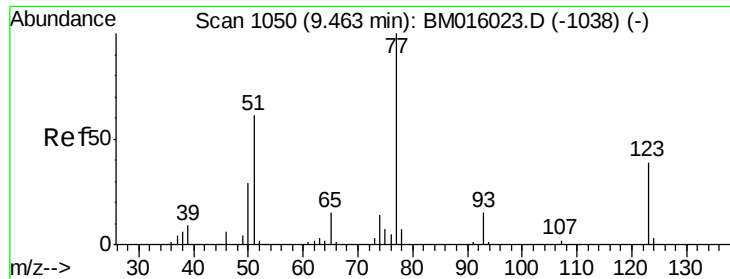


Abundance Ion 82.00 (81.70 to 82.70): BM0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BM0

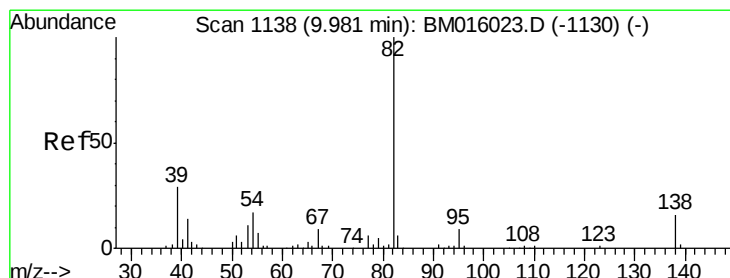
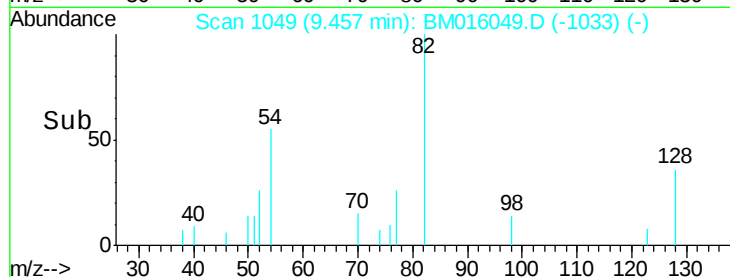
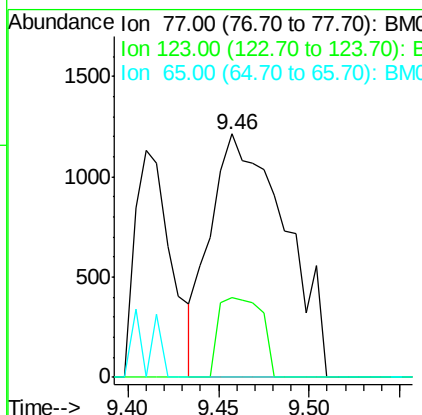
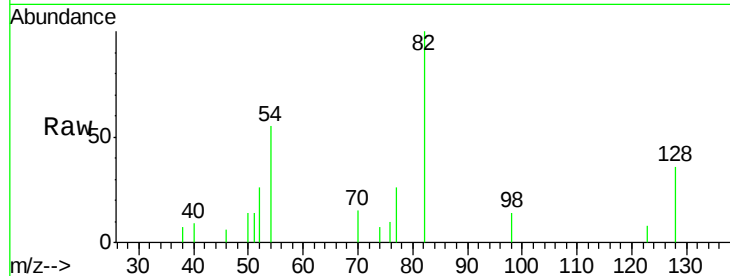




#24  
 Nitrobenzene  
 Concen: 0.993 ng  
 RT: 9.46 min Scan# 1049  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

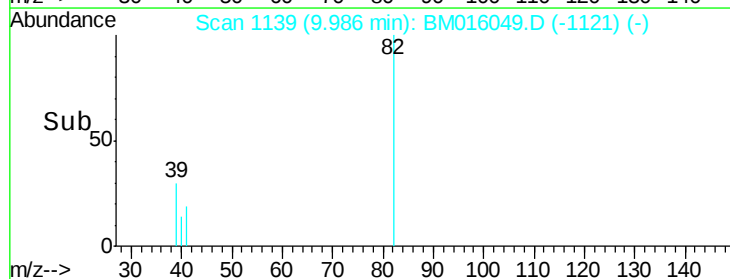
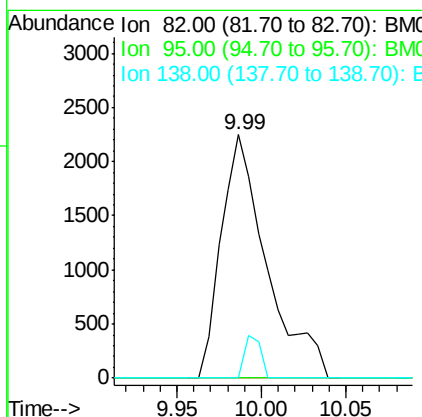
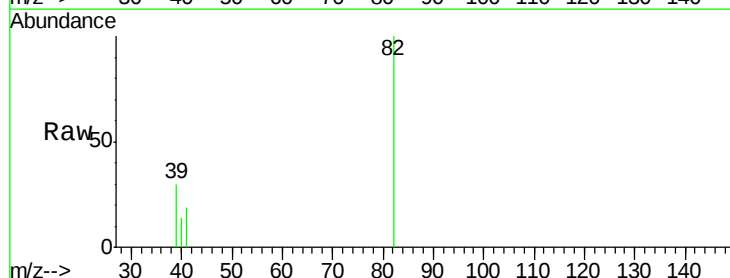
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

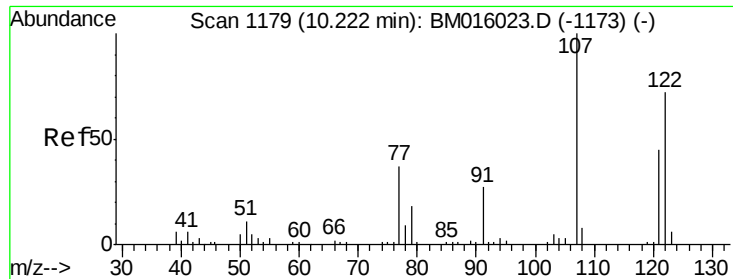
Tgt Ion: 77 Resp: 3499  
 Ion Ratio Lower Upper  
 77 100  
 123 32.6 32.6 49.0#  
 65 0.0 10.9 16.3#



#25  
 Isophorone  
 Concen: 0.883 ng  
 RT: 9.99 min Scan# 1139  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion: 82 Resp: 4227  
 Ion Ratio Lower Upper  
 82 100  
 95 0.0 5.8 8.6#  
 138 0.0 16.3 24.5#

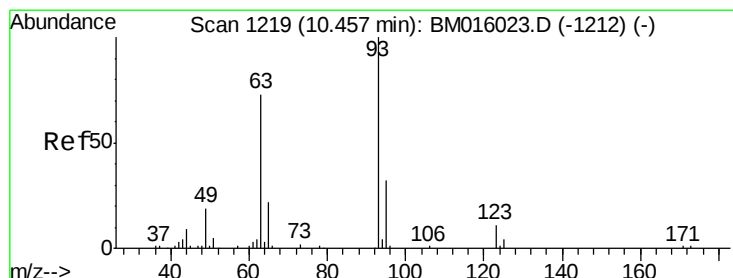
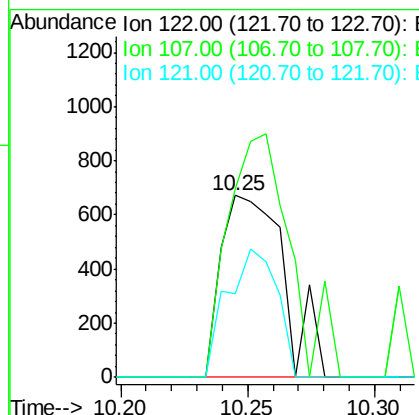
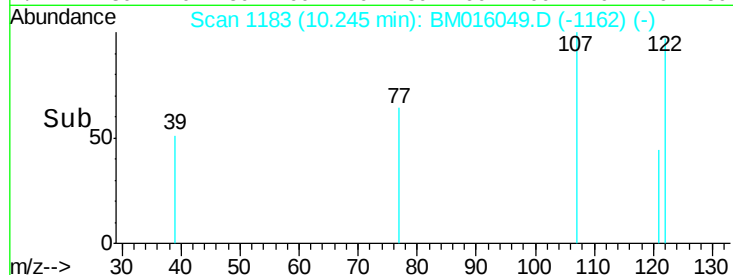
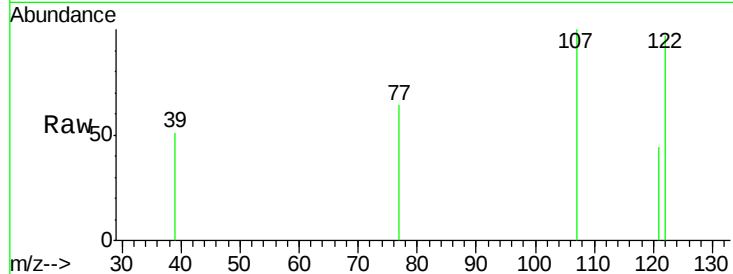




#27  
 2,4-Dimethylphenol  
 Concen: 0.568 ng  
 RT: 10.25 min Scan# 1183  
 Delta R.T. 0.02 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

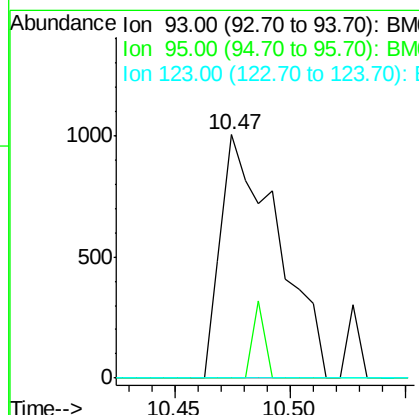
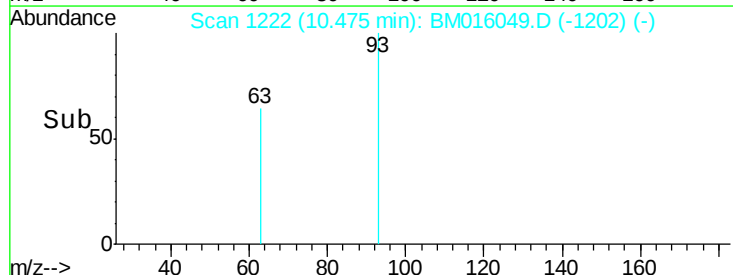
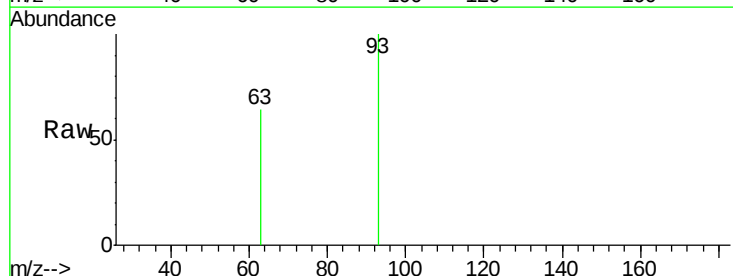
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

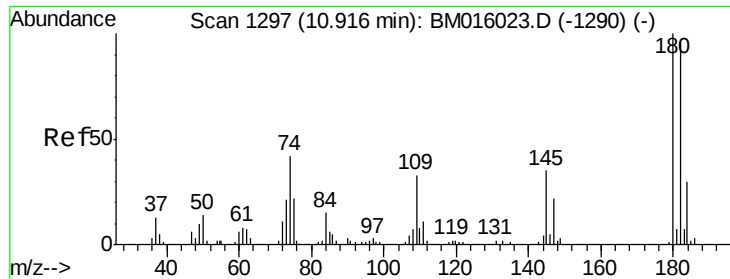
Tgt Ion: 122 Resp: 1165  
 Ion Ratio Lower Upper  
 122 100  
 107 103.4 84.7 127.1  
 121 46.0 46.6 69.8#



#28  
 bis(2-Chloroethoxy)methane  
 Concen: 0.552 ng  
 RT: 10.47 min Scan# 1222  
 Delta R.T. 0.02 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion: 93 Resp: 1719  
 Ion Ratio Lower Upper  
 93 100  
 95 0.0 25.5 38.3#  
 123 0.0 8.6 13.0#

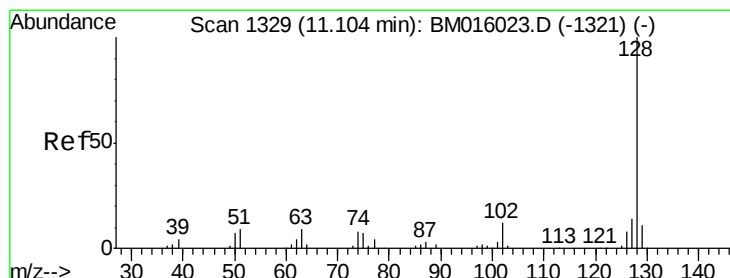
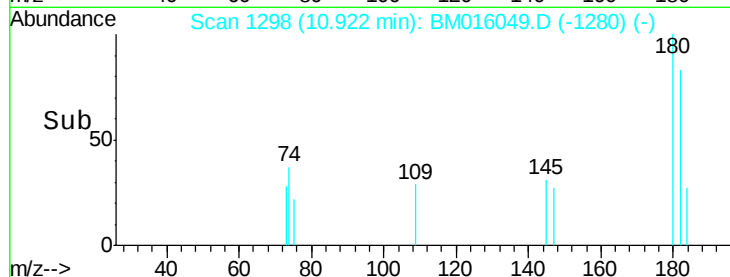
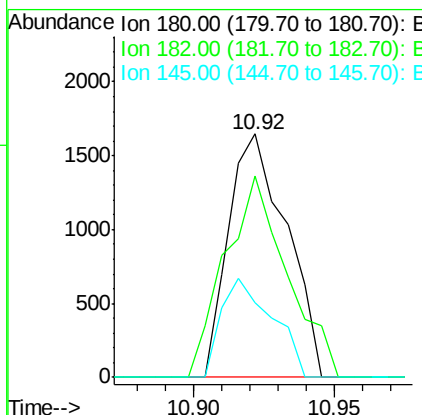
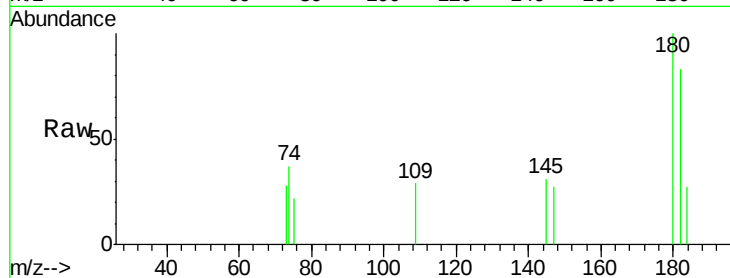




#30  
 1,2,4-Trichlorobenzene  
 Concen: 0.793 ng  
 RT: 10.92 min Scan# 1298  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

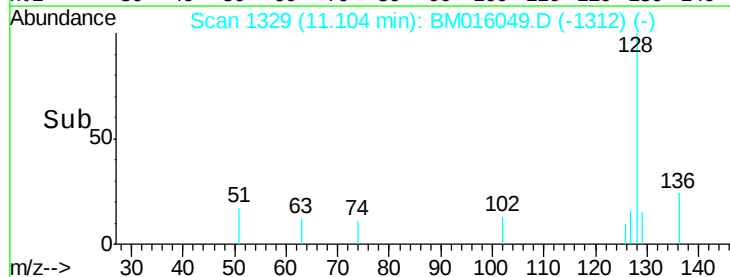
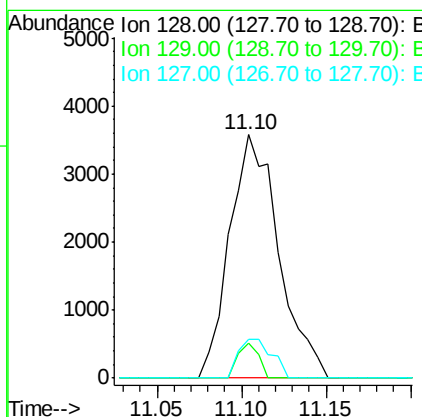
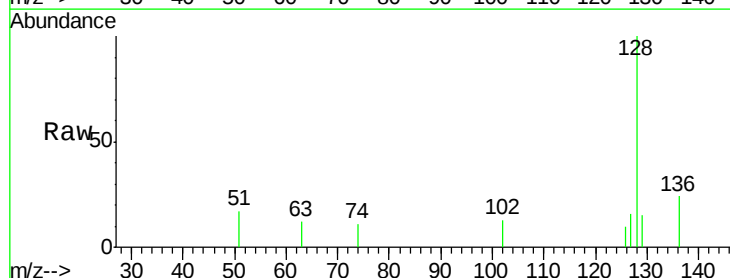
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

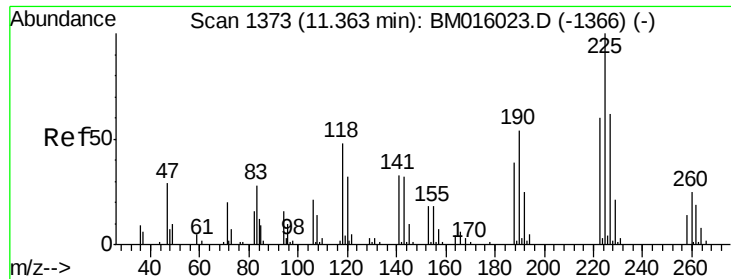
Tgt Ion:180 Resp: 2347  
 Ion Ratio Lower Upper  
 180 100  
 182 82.8 77.6 116.4  
 145 30.8 23.4 35.2



#31  
 Naphthalene  
 Concen: 0.879 ng  
 RT: 11.10 min Scan# 1329  
 Delta R.T. -0.00 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion:128 Resp: 7246  
 Ion Ratio Lower Upper  
 128 100  
 129 14.6 8.9 13.3#  
 127 16.0 10.4 15.6#

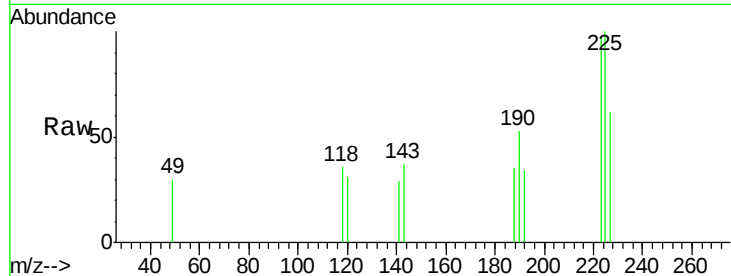




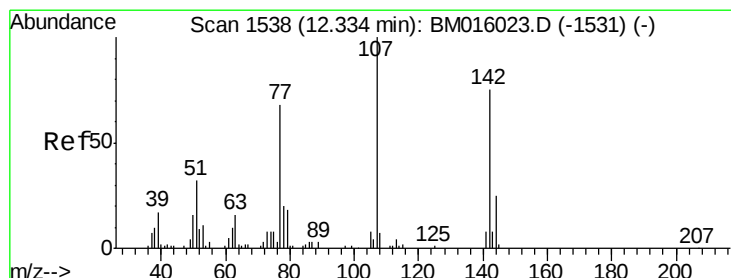
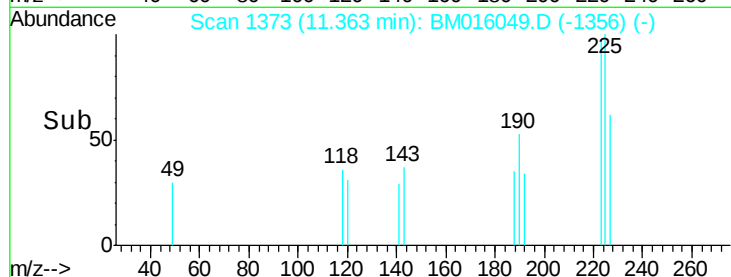
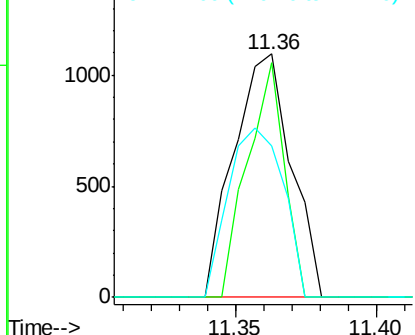
#34  
Hexachlorobutadiene  
Concen: 0.750 ng  
RT: 11.36 min Scan# 1373  
Delta R.T. -0.00 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

Tgt Ion: 225 Resp: 1539  
Ion Ratio Lower Upper  
225 100  
223 96.5 47.9 71.9#  
227 62.4 50.1 75.1

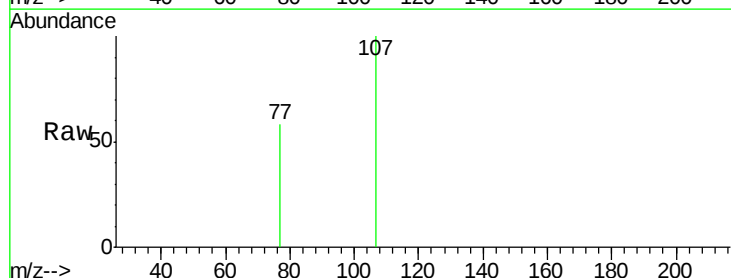


Abundance Ion 225.00 (224.70 to 225.70): E  
Ion 223.00 (222.70 to 223.70): E  
Ion 227.00 (226.70 to 227.70): E

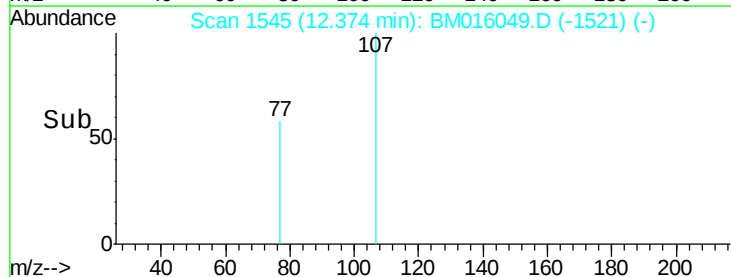
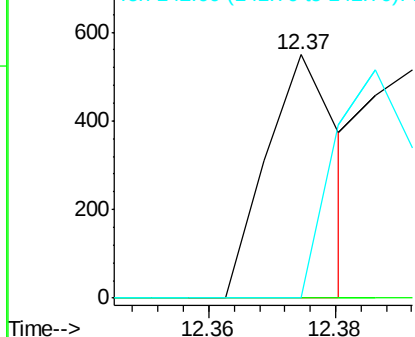


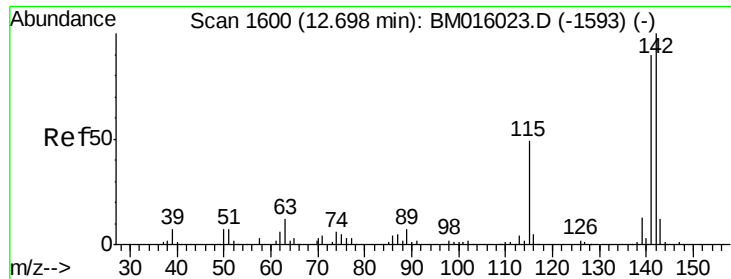
#36  
4-Chloro-3-methylphenol  
Concen: 0.162 ng  
RT: 12.37 min Scan# 1545  
Delta R.T. 0.04 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 107 Resp: 435  
Ion Ratio Lower Upper  
107 100  
144 0.0 23.3 34.9#  
142 0.0 72.6 109.0#



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

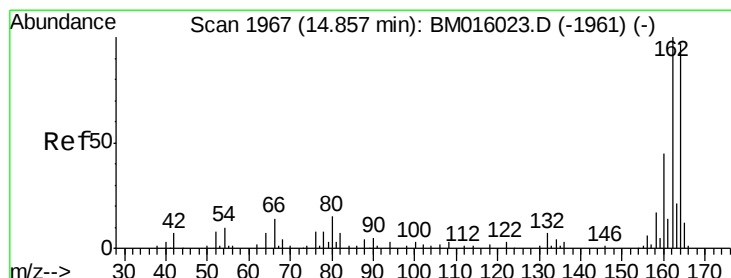
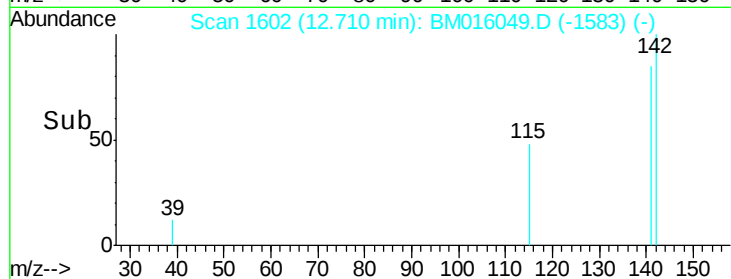
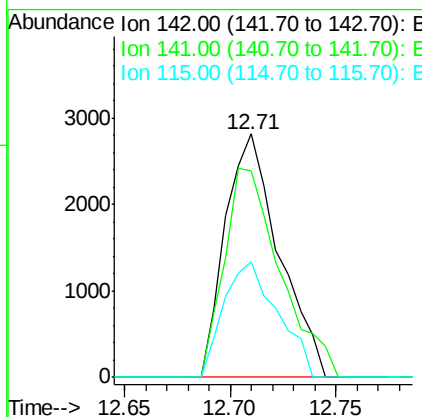
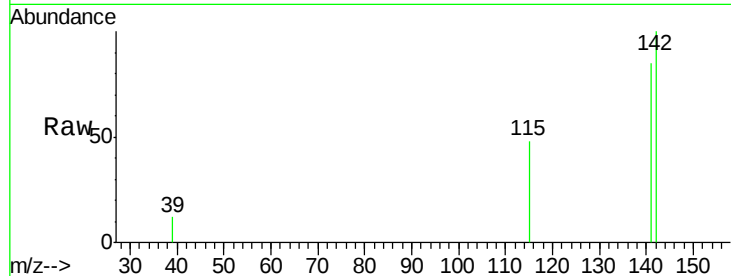




#37  
 2-Methylnaphthalene  
 Concen: 0.901 ng  
 RT: 12.71 min Scan# 1602  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

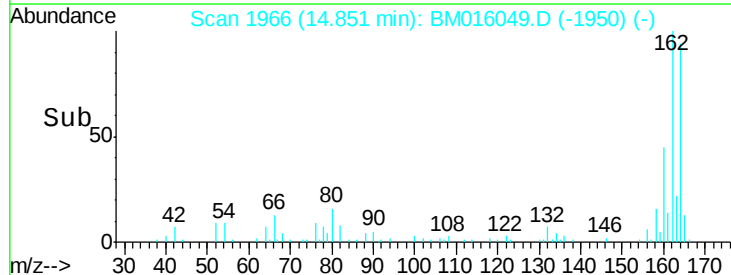
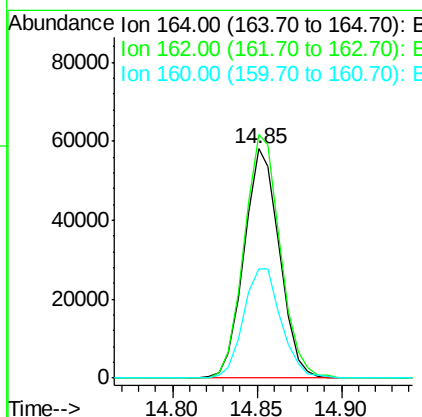
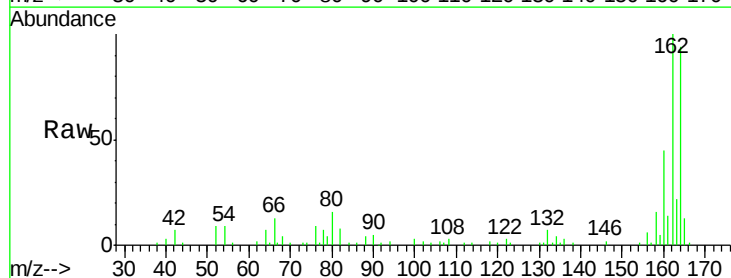
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

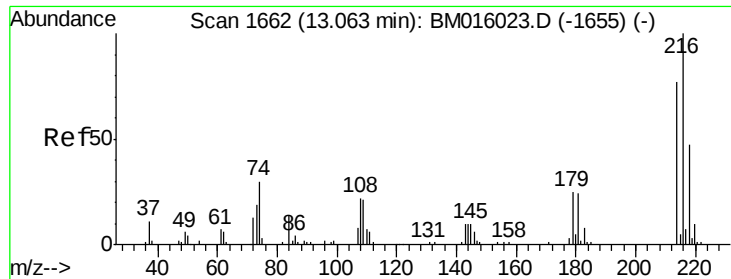
Tgt Ion:142 Resp: 4974  
 Ion Ratio Lower Upper  
 142 100  
 141 84.9 71.9 107.9  
 115 47.6 25.4 38.0#



#38  
 Acenaphthene-d10  
 Concen: 20.000 ng  
 RT: 14.85 min Scan# 1966  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion:164 Resp: 84559  
 Ion Ratio Lower Upper  
 164 100  
 162 106.3 82.4 123.6  
 160 47.6 35.8 53.6

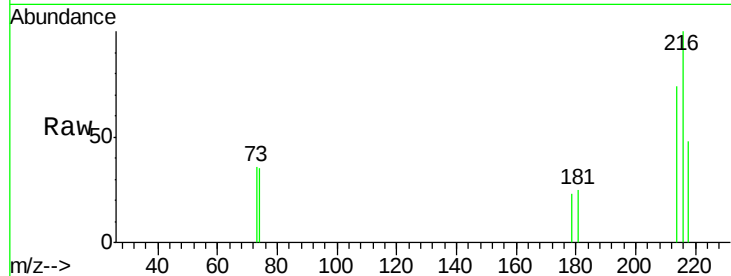




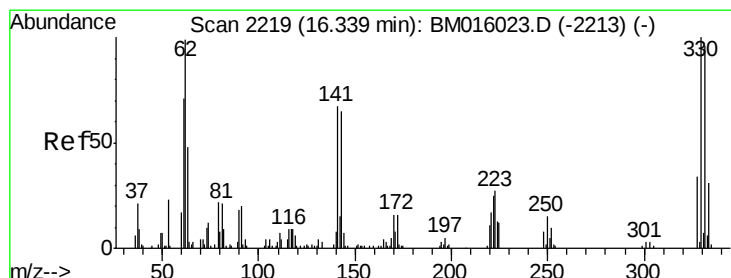
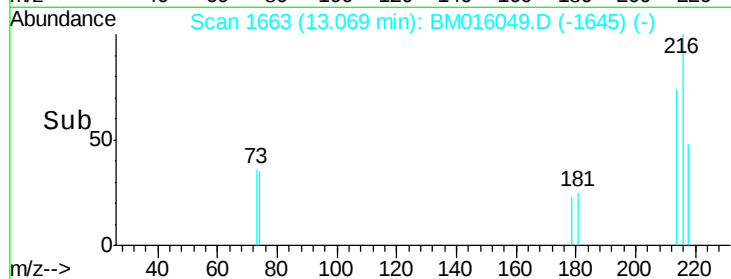
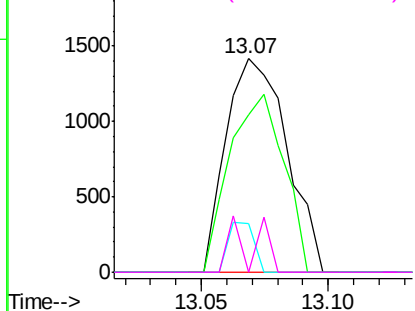
#39  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 0.825 ng  
 RT: 13.07 min Scan# 1663  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 216   | Resp: | 2374  |
| Ion      | Ratio | Lower | Upper |
| 216      | 100   |       |       |
| 214      | 74.3  | 0.0   | 0.0#  |
| 179      | 9.8   | 0.0   | 0.0#  |
| 108      | 10.9  | 0.0   | 0.0#  |

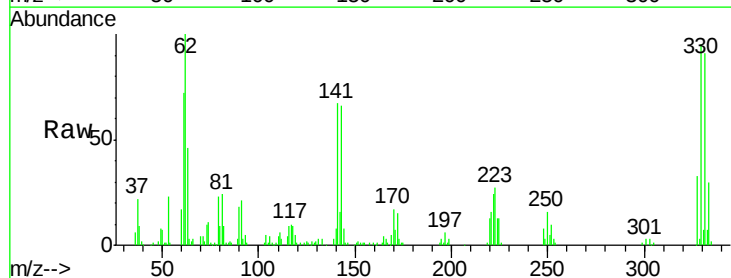


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

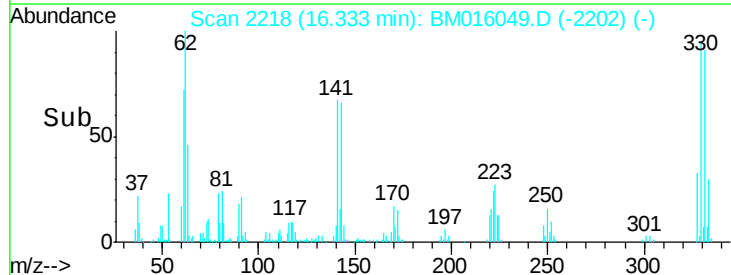
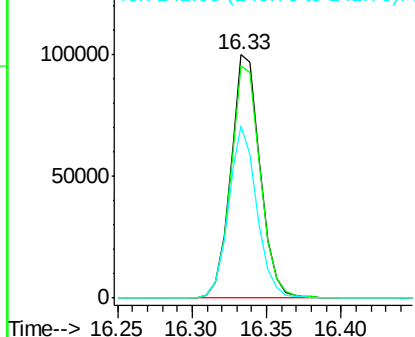


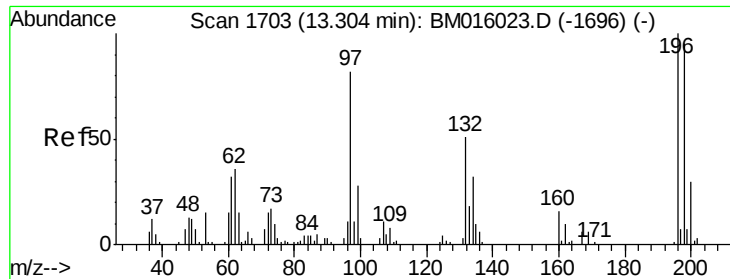
#41  
 2,4,6-Tribromophenol  
 Concen: N.D. ng  
 RT: 16.33 min Scan# 2218  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 330   | Resp: | 136558 |
| Ion      | Ratio | Lower | Upper  |
| 330      | 100   |       |        |
| 332      | 96.7  | 0.0   | 0.0#   |
| 141      | 68.5  | 0.0   | 0.0#   |



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





#42

2,4,6-Trichlorophenol

Concen: 0.419 ng

RT: 13.32 min Scan# 1706

Delta R.T. 0.02 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

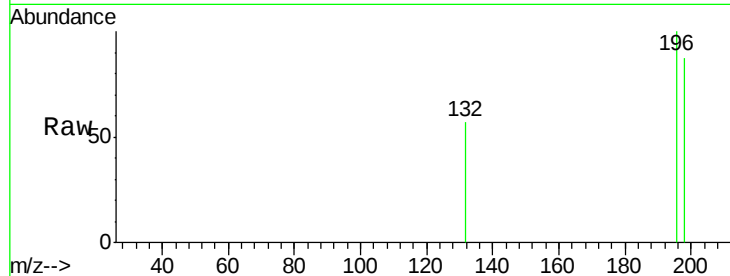
Tgt Ion:196 Resp: 754

Ion Ratio Lower Upper

196 100

198 86.7 76.3 114.5

200 0.0 25.6 38.4#

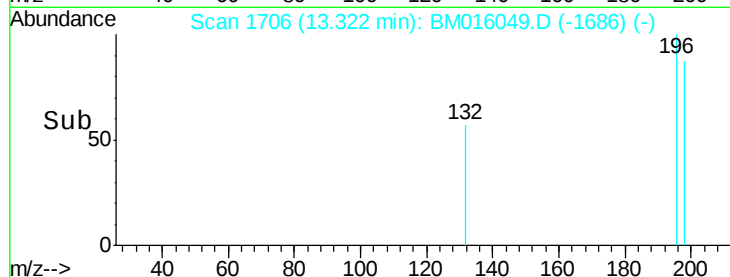


Abundance Ion 196.00 (195.70 to 196.70): E

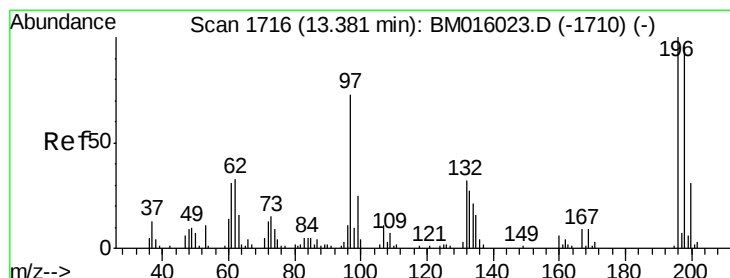
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

Time-->



Time-->



#43

2,4,5-Trichlorophenol

Concen: 0.406 ng

RT: 13.32 min Scan# 1706

Delta R.T. -0.06 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Tgt Ion:196 Resp: 754

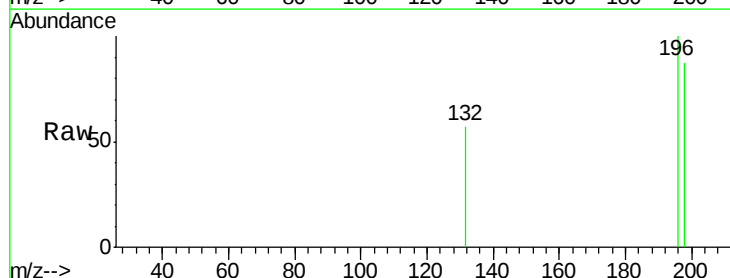
Ion Ratio Lower Upper

196 100

198 86.7 79.4 119.0

97 0.0 26.8 40.2#

132 56.6 18.6 28.0#



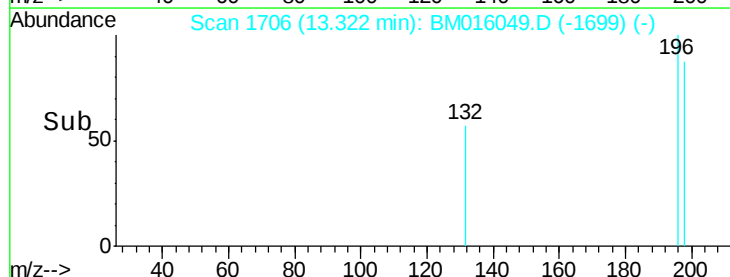
Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

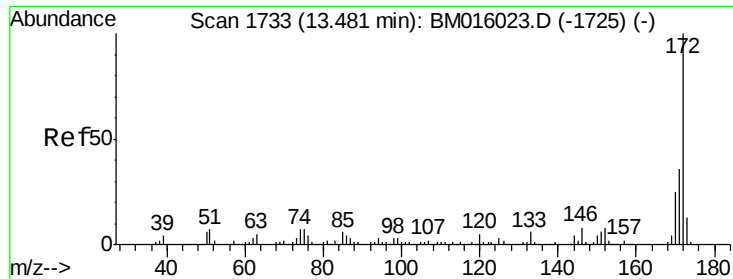
Ion 97.00 (96.70 to 97.70): BM0

Ion 132.00 (131.70 to 132.70): E

Time-->



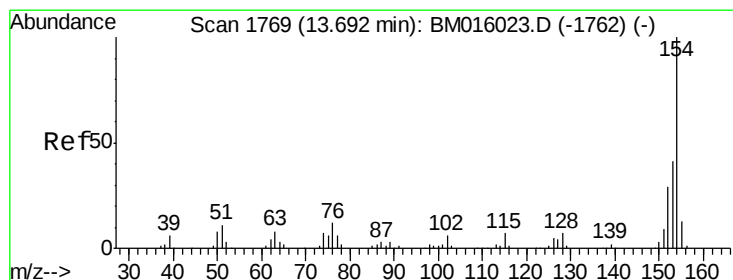
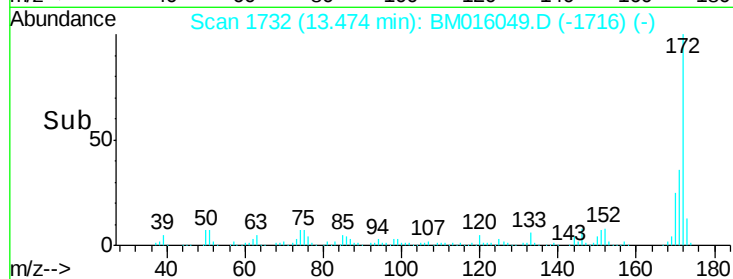
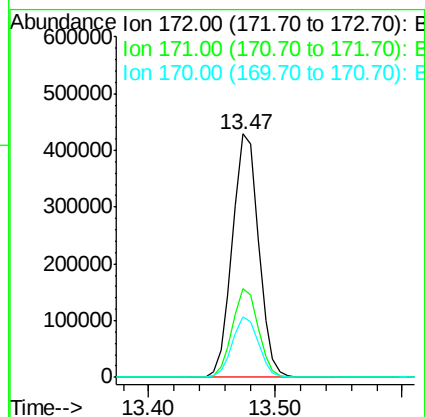
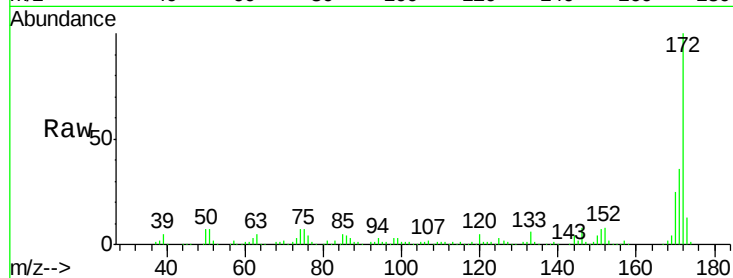
Time-->



#44  
 2-Fluorobiphenyl  
 Concen: 0.406 ng  
 RT: 13.47 min Scan# 1732  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

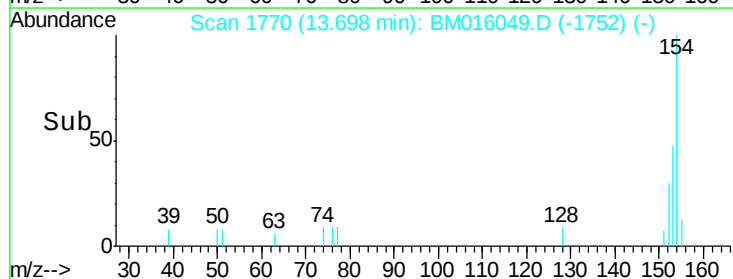
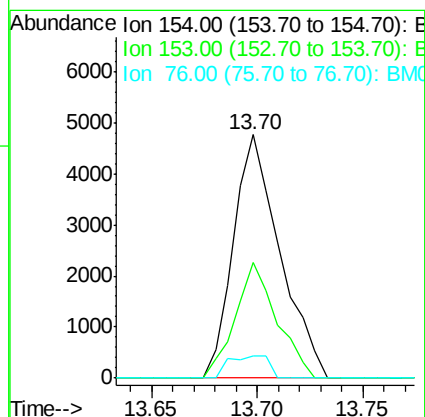
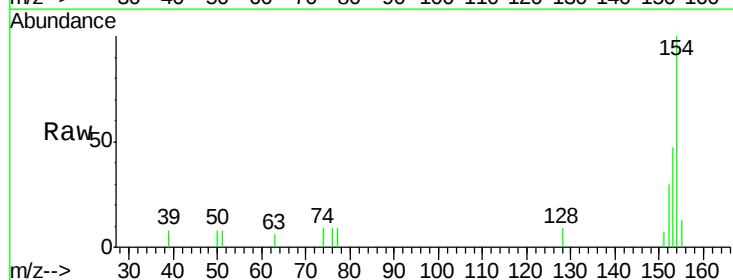
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

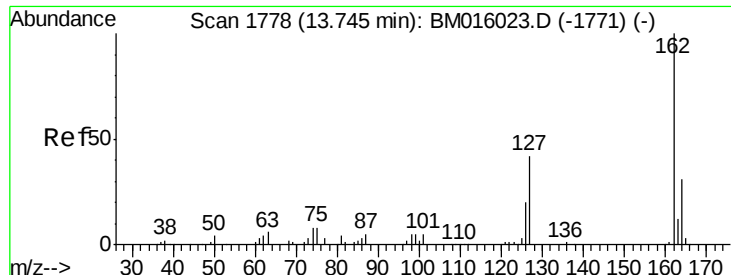
Tgt Ion:172 Resp: 615265  
 Ion Ratio Lower Upper  
 172 100  
 171 36.2 28.5 42.7  
 170 24.7 18.8 28.2



#45  
 1,1'-Biphenyl  
 Concen: 0.950 ng  
 RT: 13.70 min Scan# 1770  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion:154 Resp: 7249  
 Ion Ratio Lower Upper  
 154 100  
 153 47.2 20.7 60.7  
 76 8.9 0.0 30.9

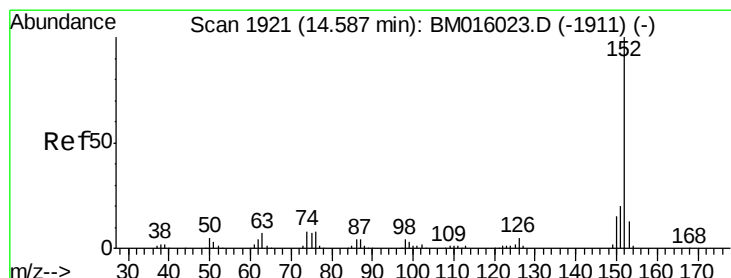
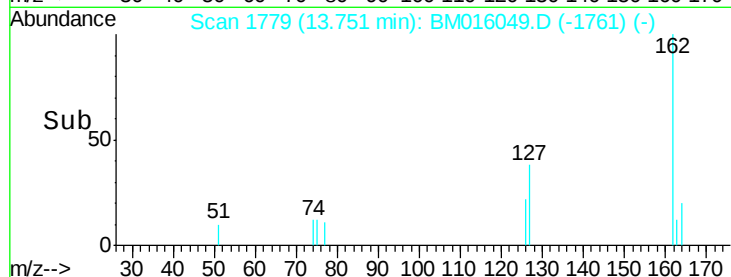
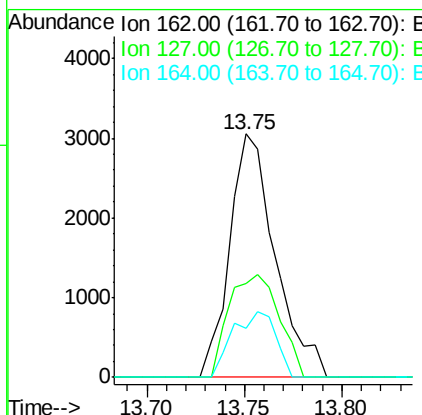
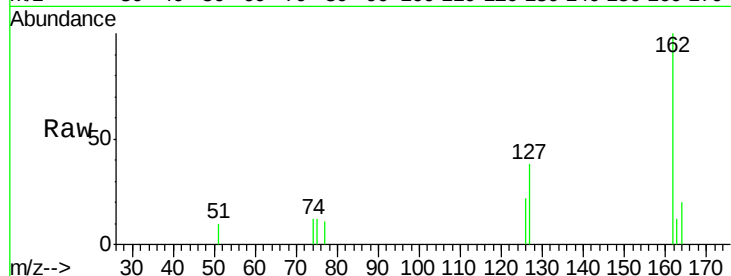




#46  
2-Chloronaphthalene  
Concen: 0.831 ng  
RT: 13.75 min Scan# 1779  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

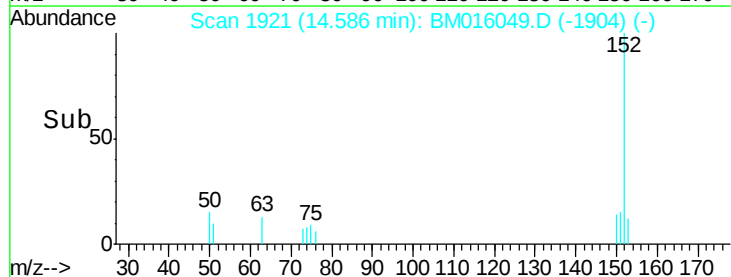
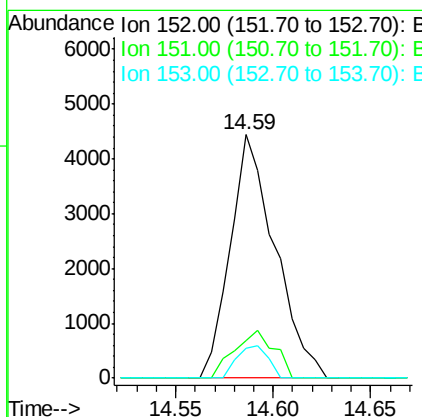
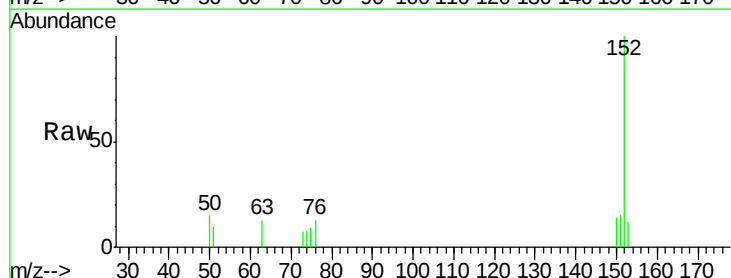
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

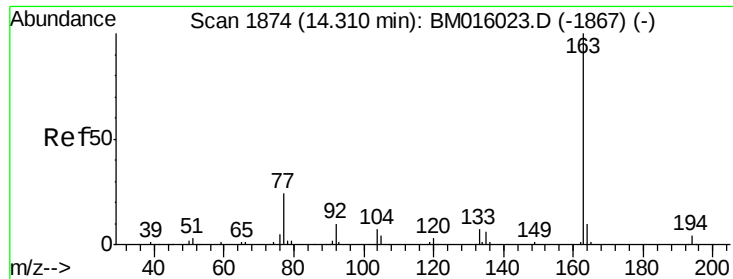
Tgt Ion:162 Resp: 4932  
Ion Ratio Lower Upper  
162 100  
127 38.5 26.9 40.3  
164 20.2 26.8 40.2#



#48  
Acenaphthylene  
Concen: 0.810 ng  
RT: 14.59 min Scan# 1921  
Delta R.T. -0.00 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion:152 Resp: 7034  
Ion Ratio Lower Upper  
152 100  
151 15.3 15.9 23.9#  
153 12.2 10.6 16.0





#49

Dimethylphthalate

Concen: 0.836 ng

RT: 14.31 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

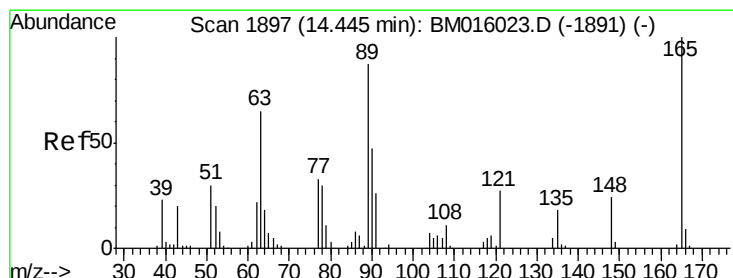
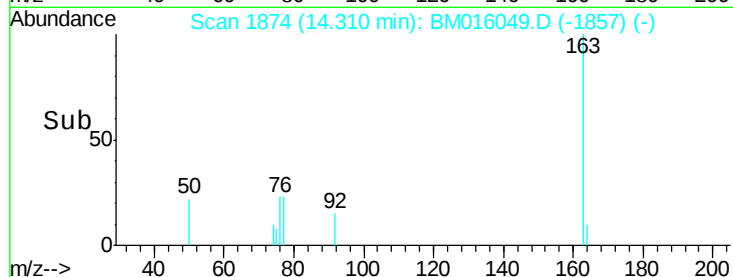
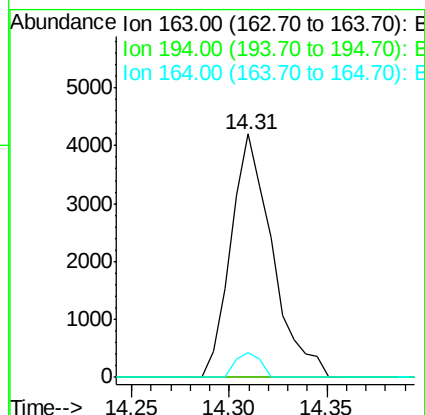
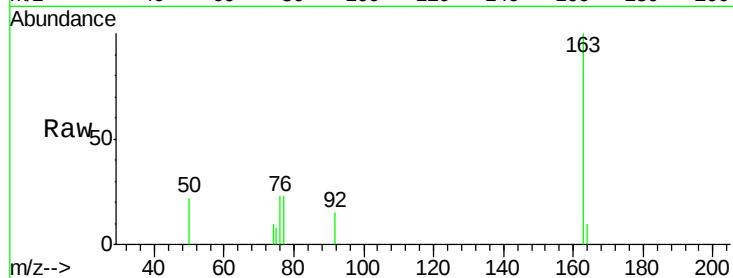
Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 163   | Resp: | 6184  |
| Ion      | Ratio | Lower | Upper |
| 163      | 100   |       |       |
| 194      | 0.0   | 2.7   | 4.1#  |
| 164      | 10.1  | 8.2   | 12.2  |



#50

2,6-Dinitrotoluene

Concen: 0.523 ng

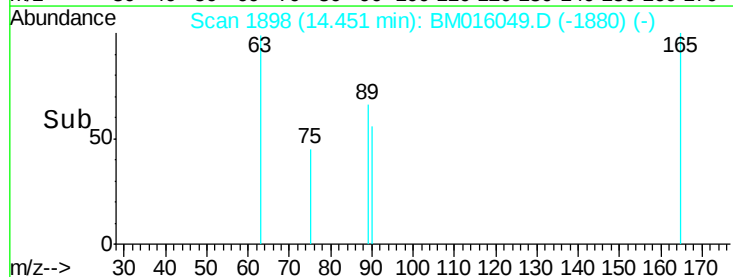
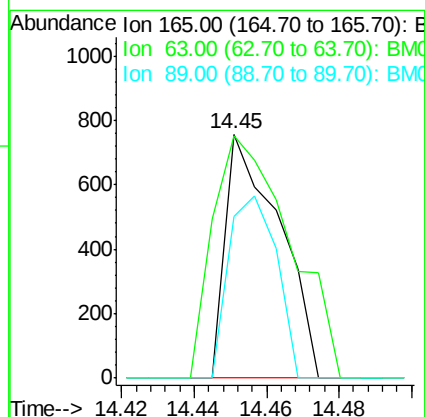
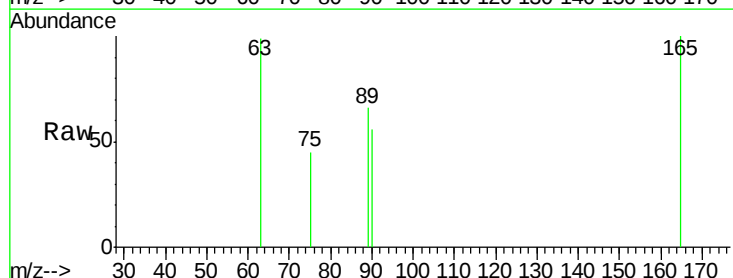
RT: 14.45 min Scan# 1898

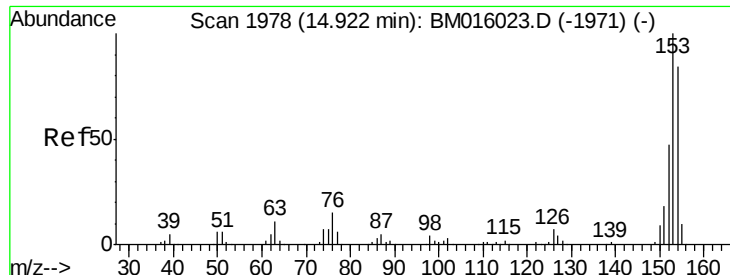
Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 165   | Resp: | 779   |
| Ion      | Ratio | Lower | Upper |
| 165      | 100   |       |       |
| 63       | 99.5  | 44.1  | 66.1# |
| 89       | 66.1  | 44.3  | 66.5  |





#51

Acenaphthene

Concen: 0.860 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

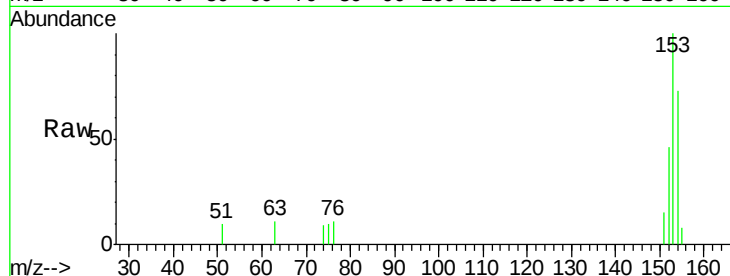
Tgt Ion:154 Resp: 4594

Ion Ratio Lower Upper

154 100

153 136.1 90.0 135.0#

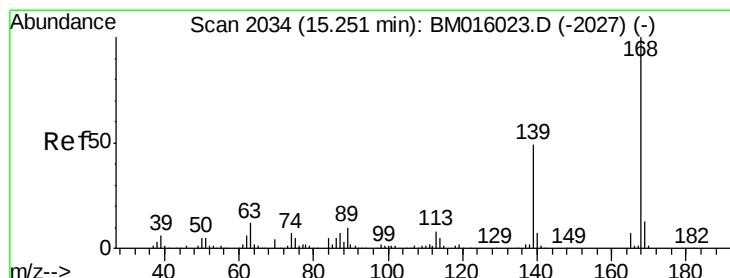
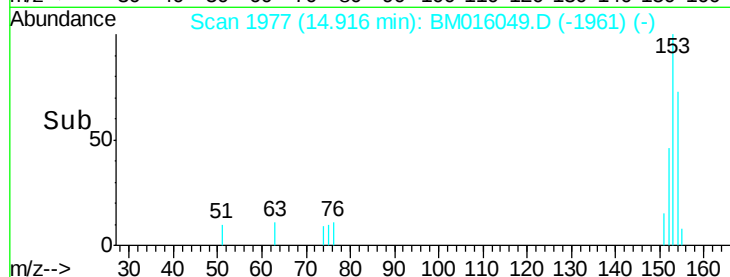
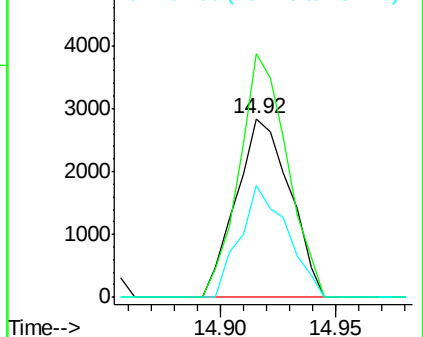
152 62.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 0.856 ng

RT: 15.26 min Scan# 2036

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

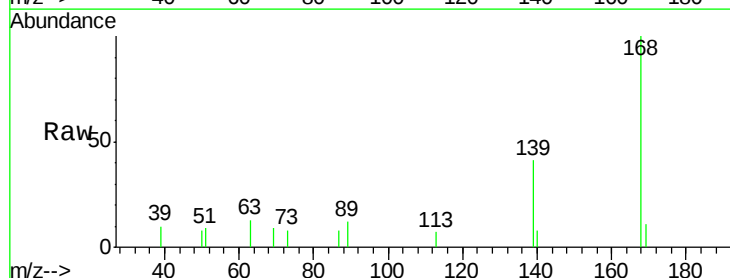
Tgt Ion:168 Resp: 7537

Ion Ratio Lower Upper

168 100

139 40.5 27.3 40.9

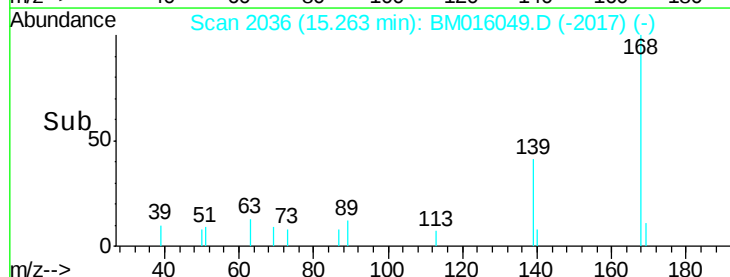
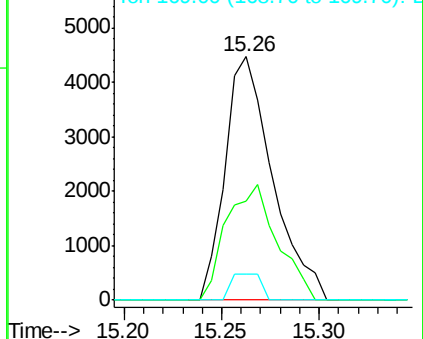
169 10.7 10.6 16.0

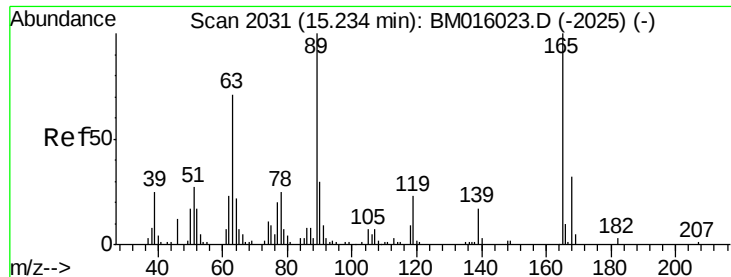


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

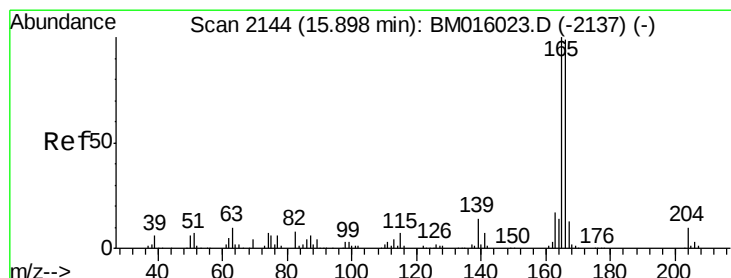
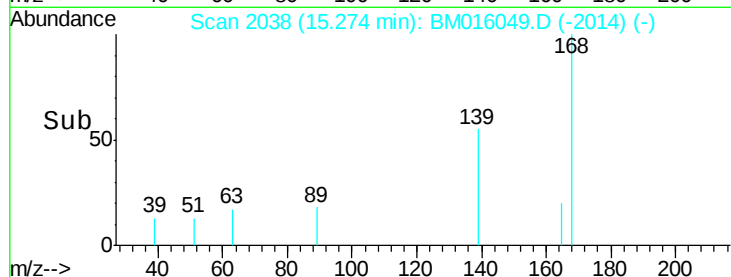
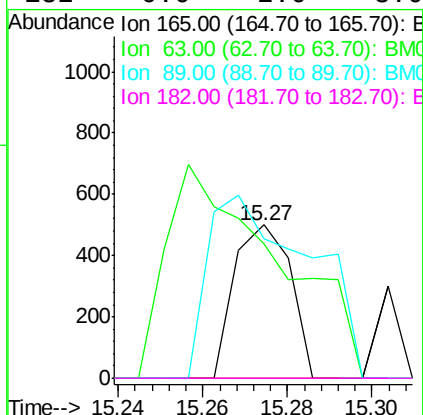
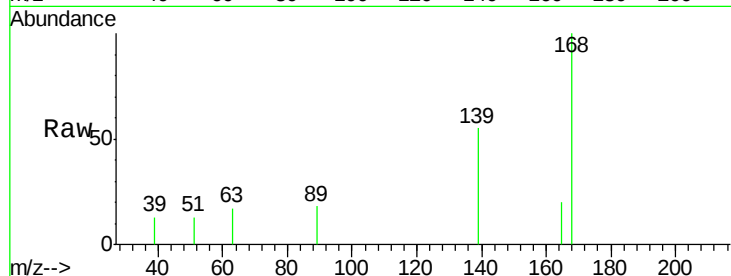




#56  
2,4-Dinitrotoluene  
Concen: 0.217 ng  
RT: 15.27 min Scan# 2038  
Delta R.T. 0.04 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

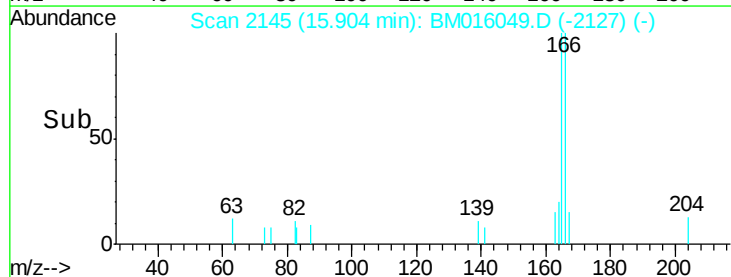
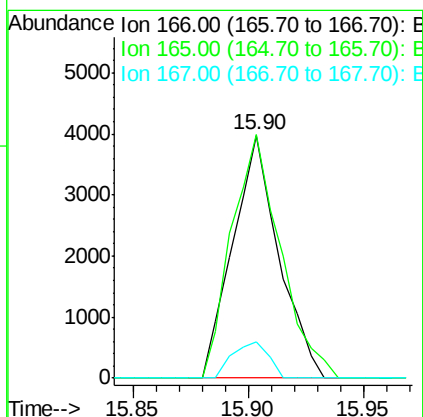
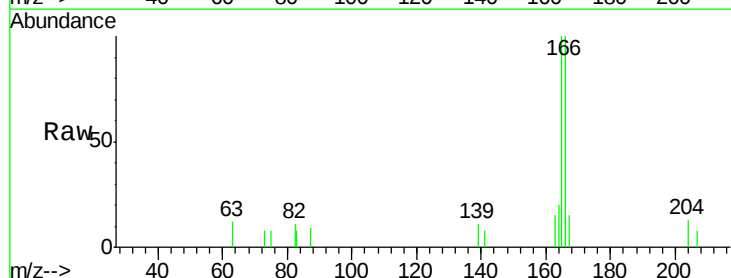
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

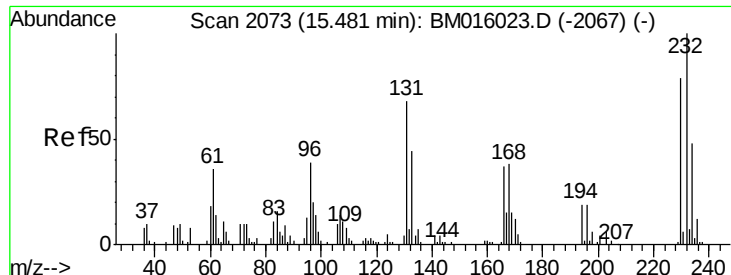
Tgt Ion:165 Resp: 462  
Ion Ratio Lower Upper  
165 100  
63 88.0 52.4 78.6#  
89 91.0 72.4 108.6  
182 0.0 2.0 3.0#



#57  
Fluorene  
Concen: 0.840 ng  
RT: 15.90 min Scan# 2145  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion:166 Resp: 5499  
Ion Ratio Lower Upper  
166 100  
165 100.5 79.0 118.4  
167 14.8 10.3 15.5

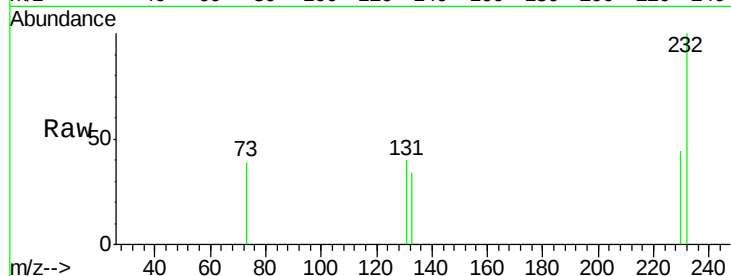




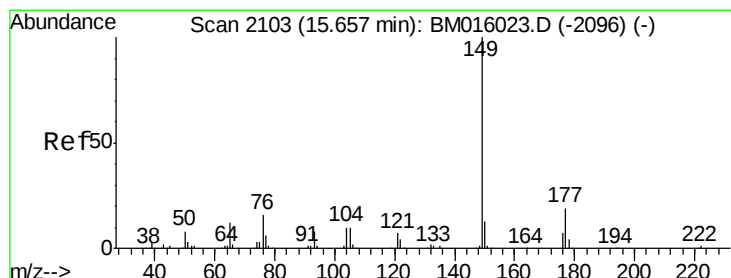
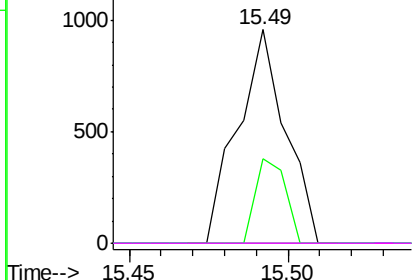
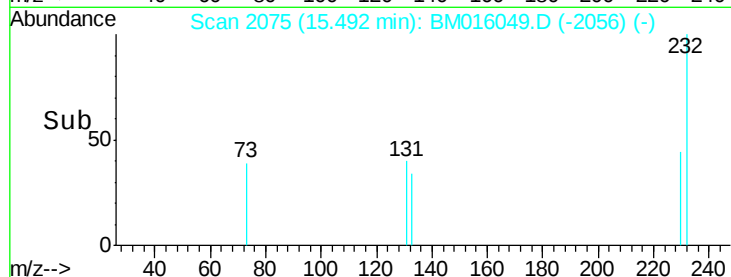
#58  
 2,3,4,6-Tetrachlorophenol  
 Concen: 0.628 ng  
 RT: 15.49 min Scan# 2075  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 232   | Resp: | 1003  |
| Ion      | Ratio | Lower | Upper |
| 232      | 100   |       |       |
| 131      | 24.9  | 0.0   | 0.0#  |
| 130      | 0.0   | 0.0   | 0.0   |
| 166      | 0.0   | 0.0   | 0.0   |

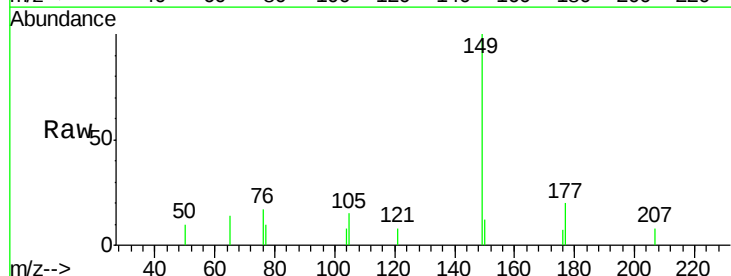


Abundance Ion 232.00 (231.70 to 232.70): E  
 Ion 131.00 (130.70 to 131.70): E  
 Ion 130.00 (129.70 to 130.70): E  
 Ion 166.00 (165.70 to 166.70): E

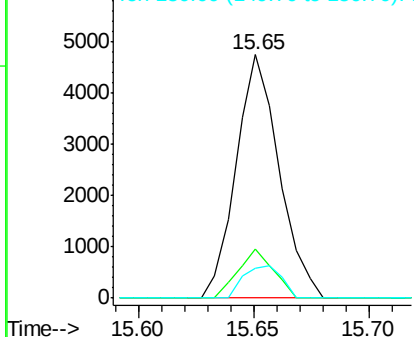
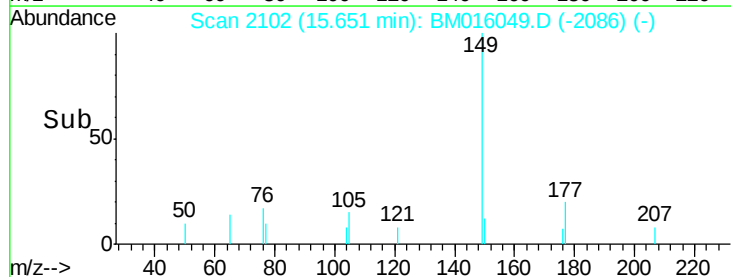


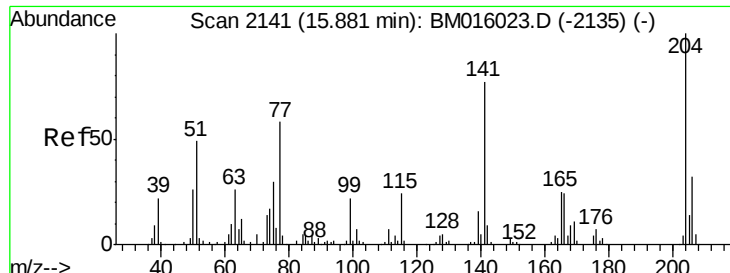
#59  
 Diethylphthalate  
 Concen: 0.771 ng  
 RT: 15.65 min Scan# 2102  
 Delta R.T. -0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 149   | Resp: | 6148  |
| Ion      | Ratio | Lower | Upper |
| 149      | 100   |       |       |
| 177      | 20.1  | 18.3  | 27.5  |
| 150      | 12.1  | 9.8   | 14.8  |



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

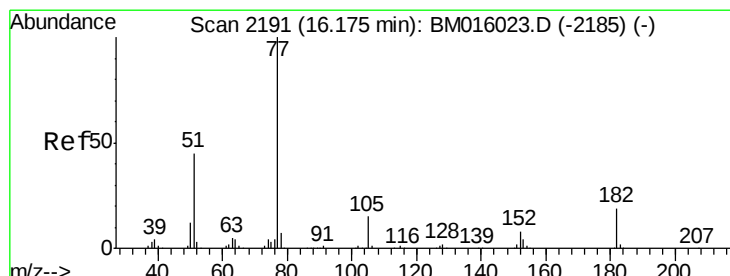
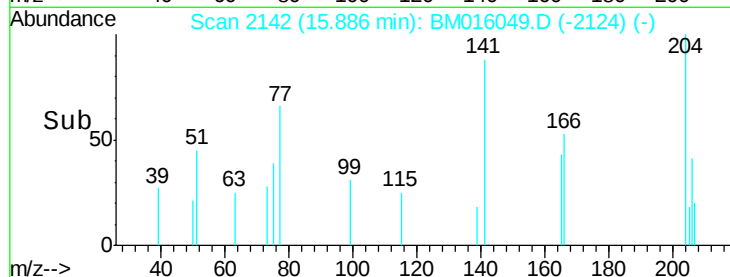
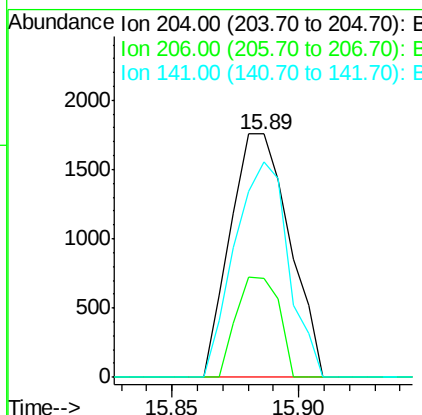
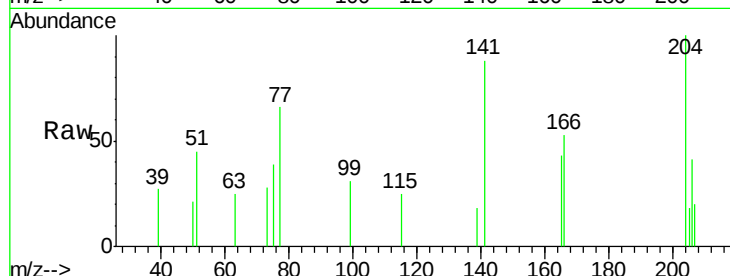




#60  
 4-Chlorophenyl-phenylether  
 Concen: 0.784 ng  
 RT: 15.89 min Scan# 2142  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

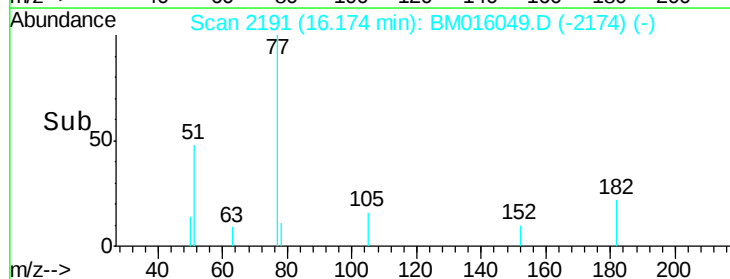
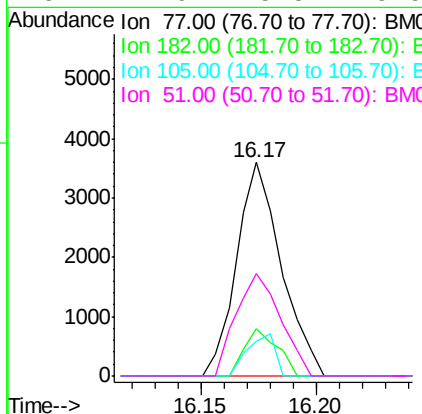
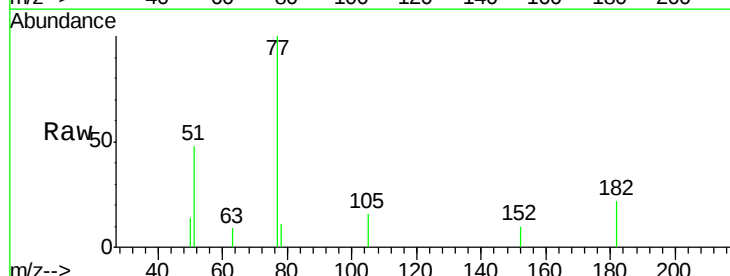
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

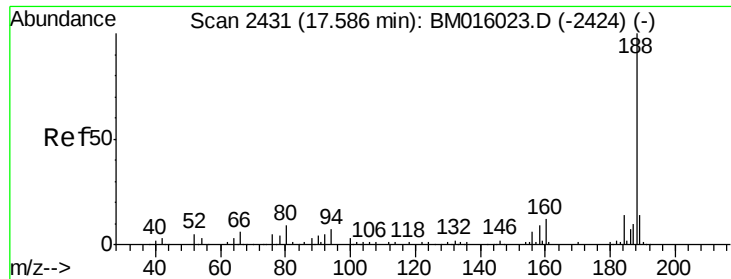
Tgt Ion: 204 Resp: 2856  
 Ion Ratio Lower Upper  
 204 100  
 206 40.6 26.6 39.8#  
 141 88.4 45.2 67.8#



#62  
 Azobenzene  
 Concen: 0.576 ng  
 RT: 16.17 min Scan# 2191  
 Delta R.T. -0.00 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion: 77 Resp: 4835  
 Ion Ratio Lower Upper  
 77 100  
 182 22.2 6.5 46.5  
 105 16.1 3.8 43.8  
 51 47.9 5.5 45.5#

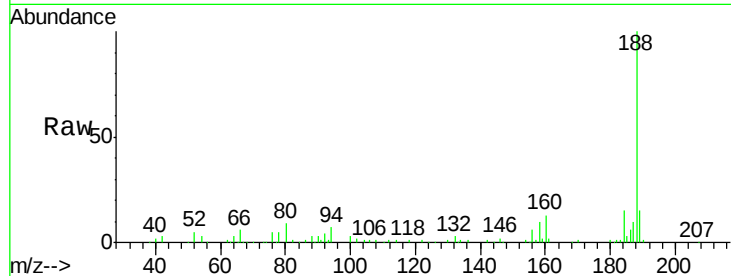




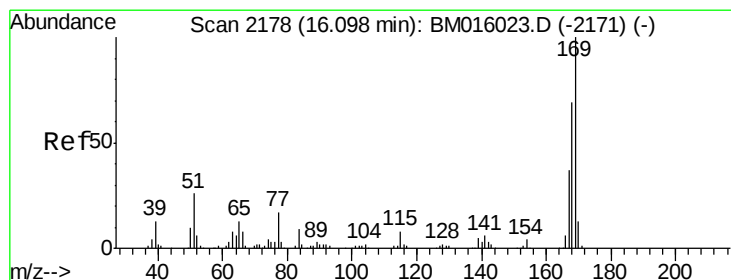
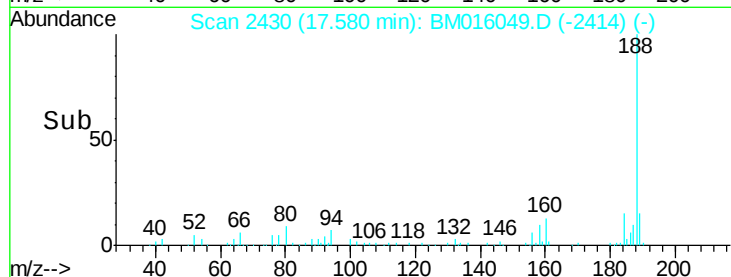
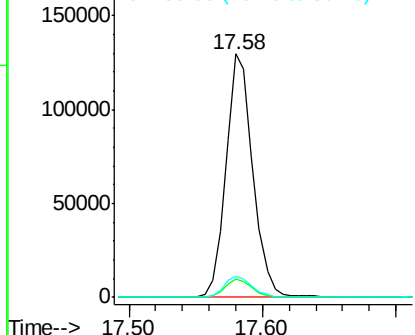
#63  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 17.58 min Scan# 2430  
Delta R.T. -0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

Tgt Ion:188 Resp: 181934  
Ion Ratio Lower Upper  
188 100  
94 7.3 8.7 13.1#  
80 8.7 9.3 13.9#

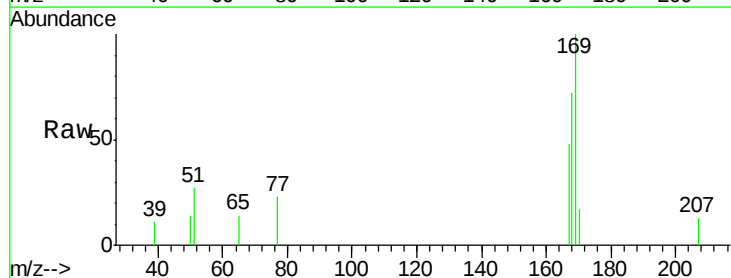


Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BM0  
Ion 80.00 (79.70 to 80.70): BM0

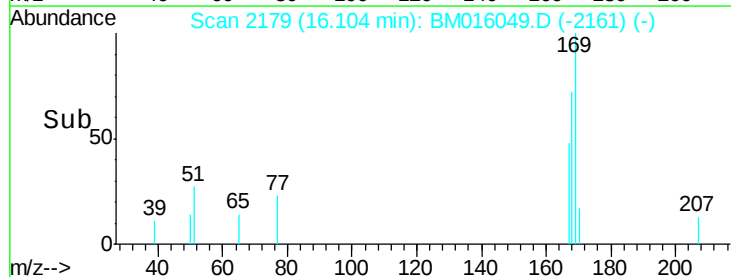
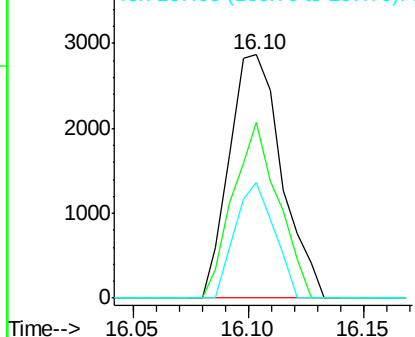


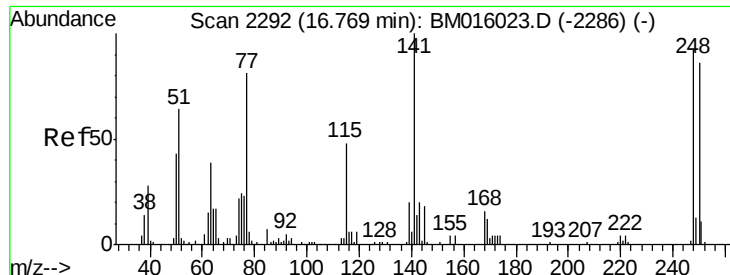
#65  
n-Nitrosodiphenylamine  
Concen: 0.757 ng  
RT: 16.10 min Scan# 2179  
Delta R.T. 0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion:169 Resp: 4534  
Ion Ratio Lower Upper  
169 100  
168 72.0 53.9 80.9  
167 47.7 28.9 43.3#



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

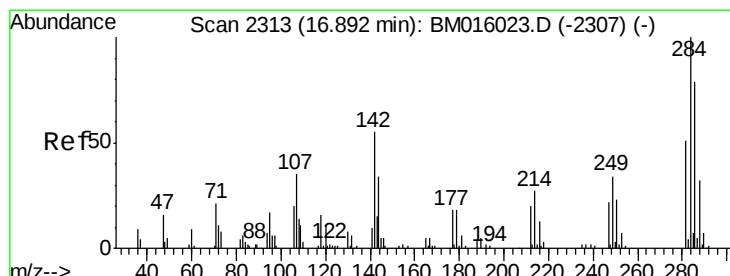
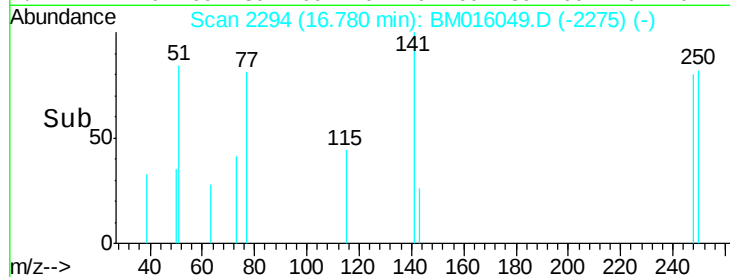
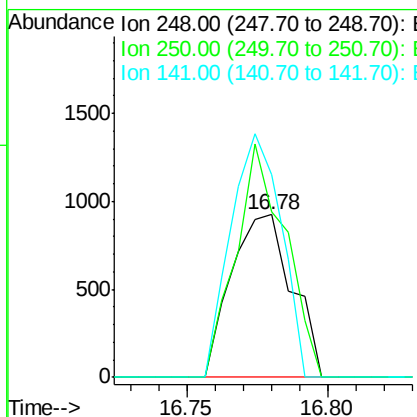
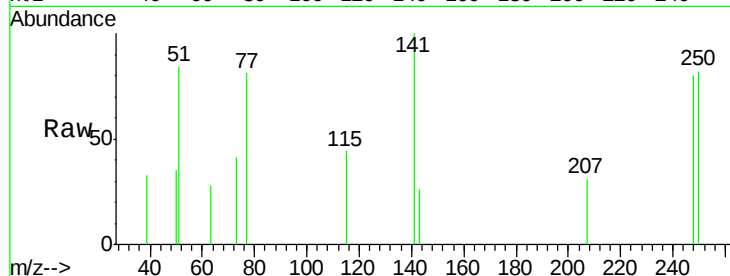




#66  
 4-Bromophenyl-phenylether  
 Concen: 0.670 ng  
 RT: 16.78 min Scan# 2294  
 Delta R.T. 0.01 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

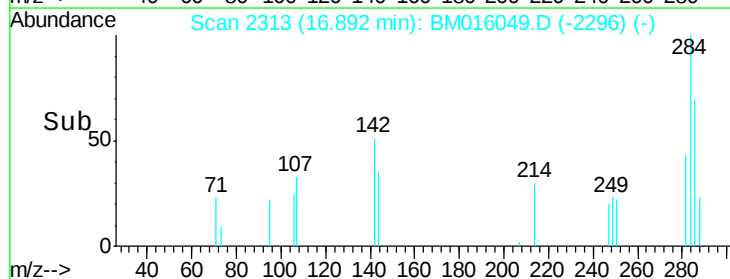
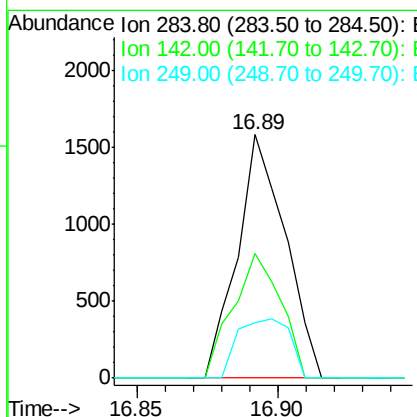
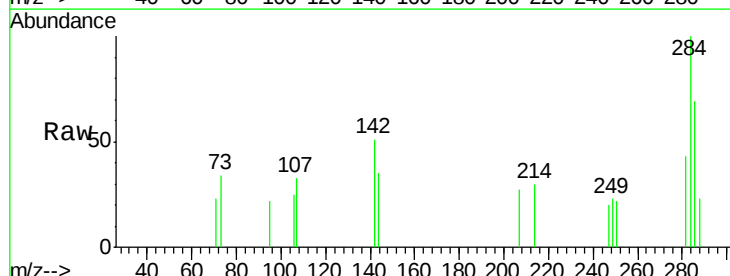
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-03-QT3-2018

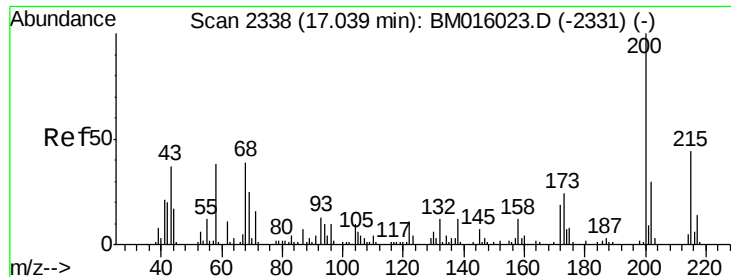
Tgt Ion: 248 Resp: 1380  
 Ion Ratio Lower Upper  
 248 100  
 250 102.2 77.4 116.0  
 141 124.6 45.2 67.8#



#67  
 Hexachlorobenzene  
 Concen: 0.822 ng  
 RT: 16.89 min Scan# 2313  
 Delta R.T. -0.00 min  
 Lab File: BM016049.D  
 Acq: 24 Jul 2018 05:26

Tgt Ion: 284 Resp: 1865  
 Ion Ratio Lower Upper  
 284 100  
 142 50.9 20.4 30.6#  
 249 22.5 23.8 35.6#





#68

Atrazine

Concen: 0.646 ng

RT: 17.03 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

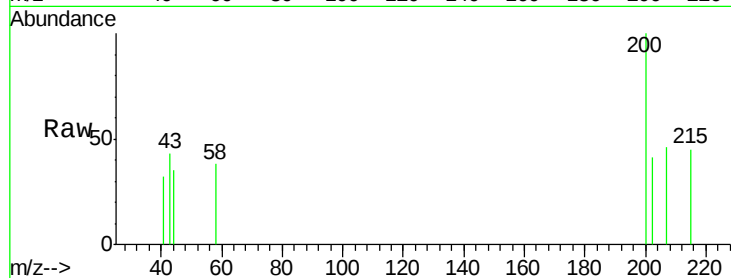
Tgt Ion:200 Resp: 1388

Ion Ratio Lower Upper

200 100

173 0.0 4.8 44.8#

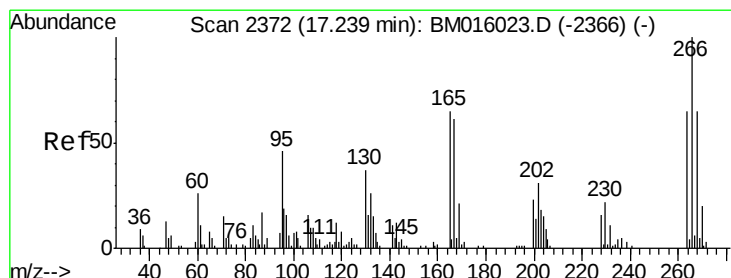
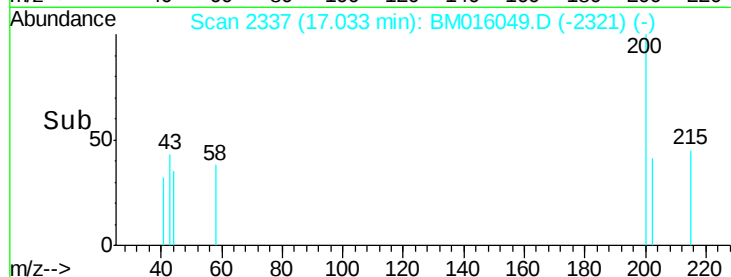
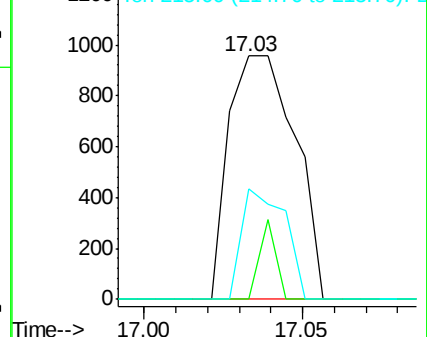
215 45.1 26.9 66.9



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#69

Pentachlorophenol

Concen: 0.239 ng

RT: 17.25 min Scan# 2374

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

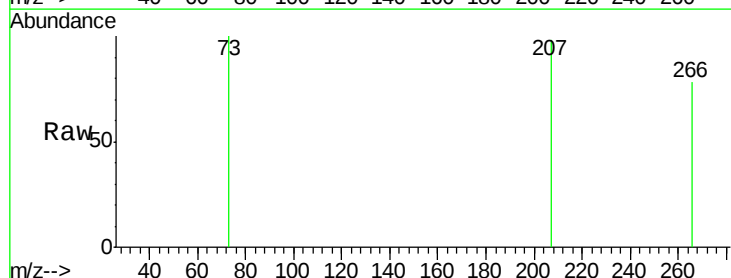
Tgt Ion:266 Resp: 336

Ion Ratio Lower Upper

266 100

268 0.0 52.0 78.0#

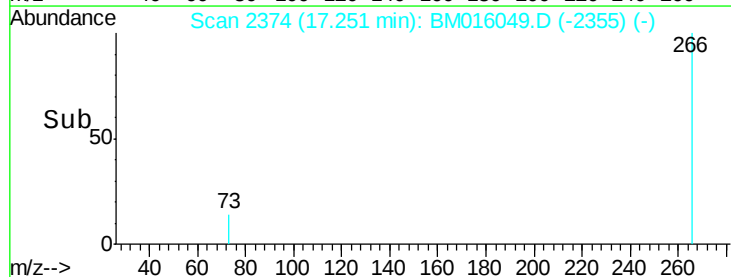
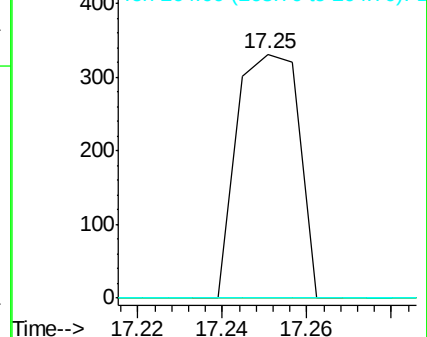
264 0.0 49.0 73.4#

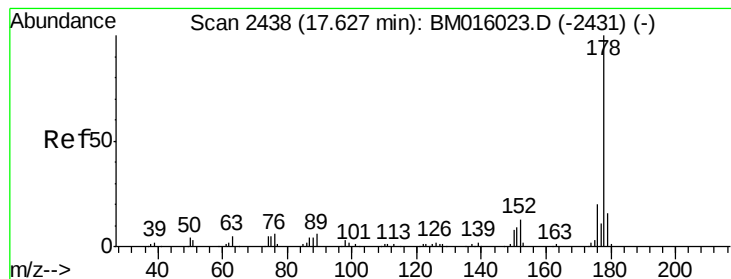


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 0.960 ng

RT: 17.63 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

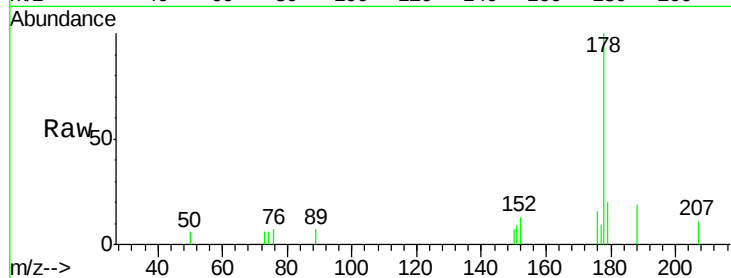
Tgt Ion:178 Resp: 9778

Ion Ratio Lower Upper

178 100

176 16.4 15.2 22.8

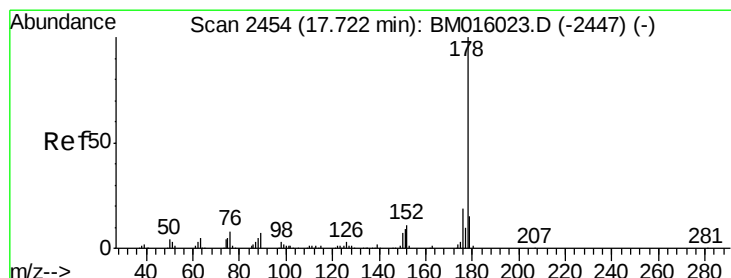
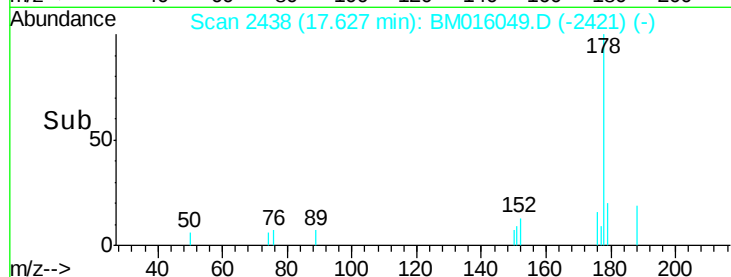
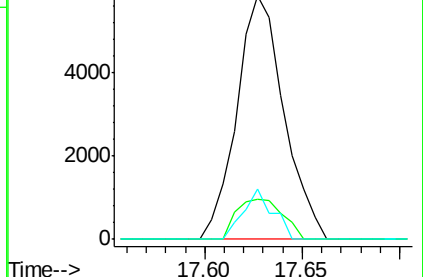
179 20.4 12.1 18.1#



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 0.814 ng

RT: 17.73 min Scan# 2455

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

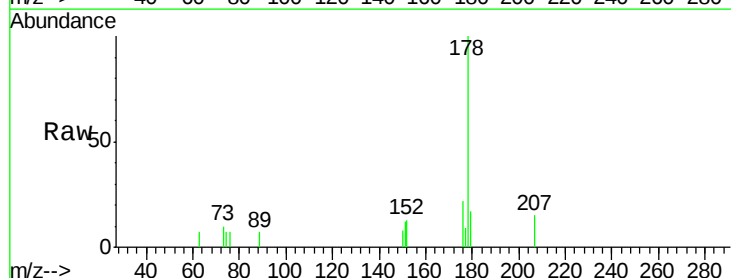
Tgt Ion:178 Resp: 8056

Ion Ratio Lower Upper

178 100

176 22.4 14.6 22.0#

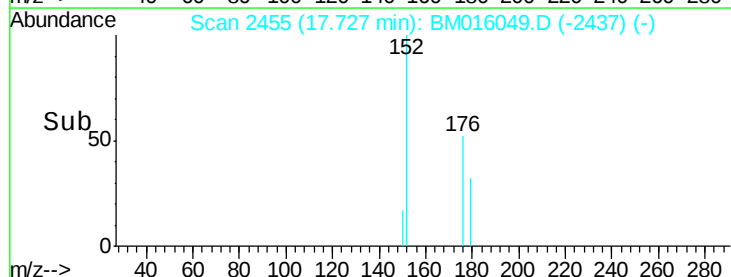
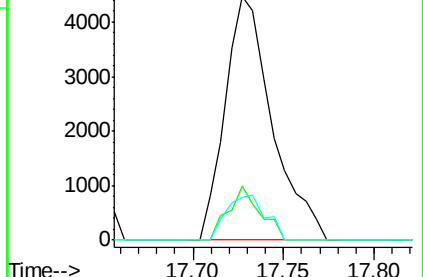
179 17.4 12.6 19.0

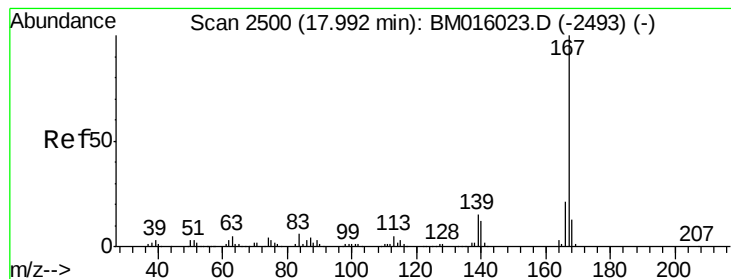


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 0.613 ng

RT: 18.01 min Scan# 2503

Delta R.T. 0.02 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

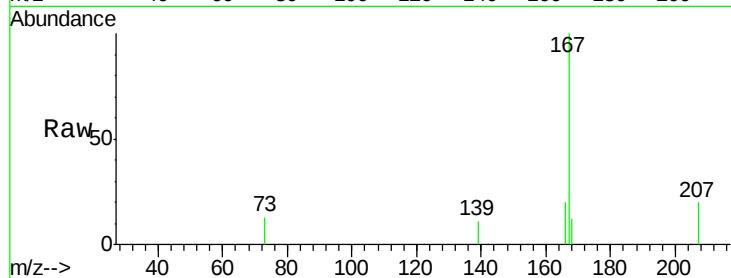
Tgt Ion:167 Resp: 6284

Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

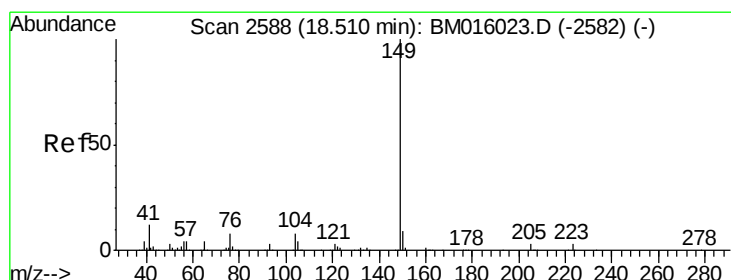
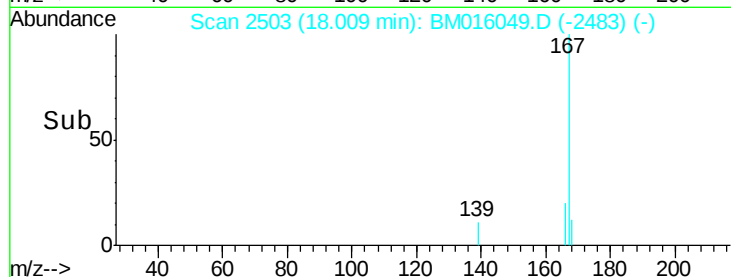
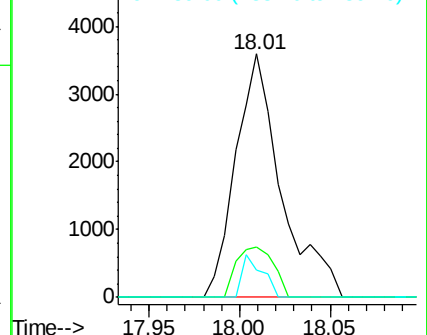
139 11.2 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 0.663 ng

RT: 18.51 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

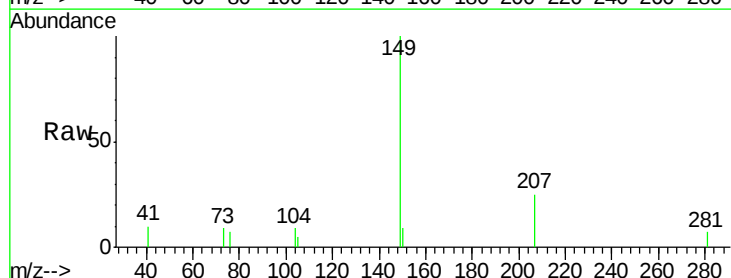
Tgt Ion:149 Resp: 8467

Ion Ratio Lower Upper

149 100

150 8.8 7.5 11.3

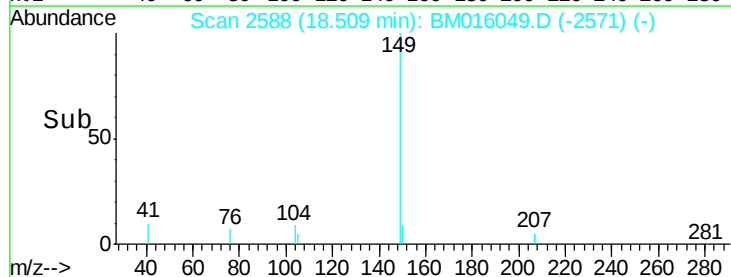
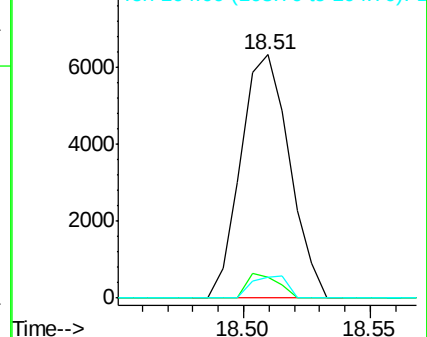
104 8.5 3.7 5.5#

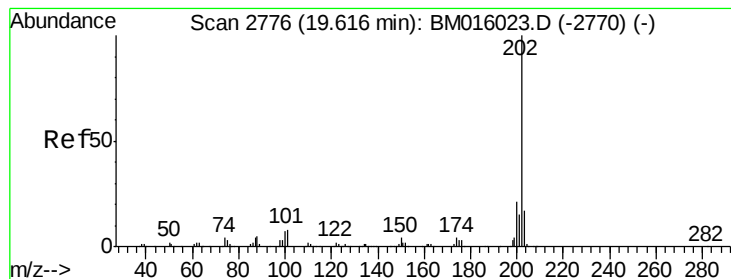


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 0.843 ng

RT: 19.62 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

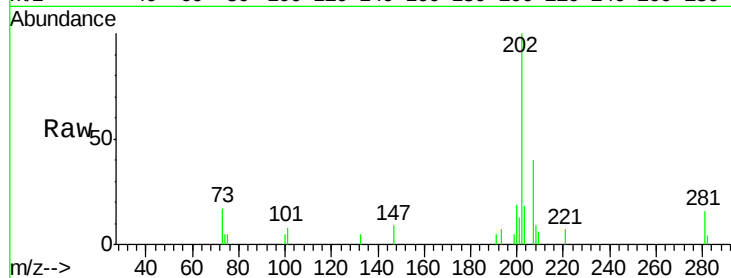
Tgt Ion: 202 Resp: 9578

Ion Ratio Lower Upper

202 100

101 8.4 0.0 28.7

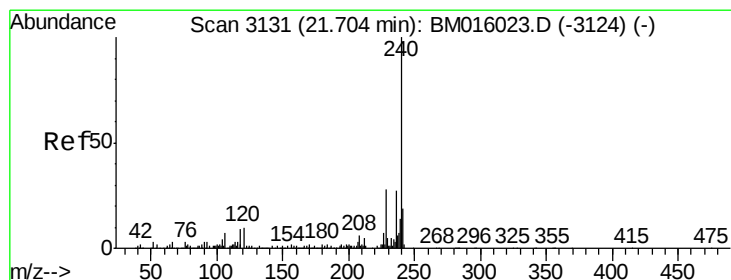
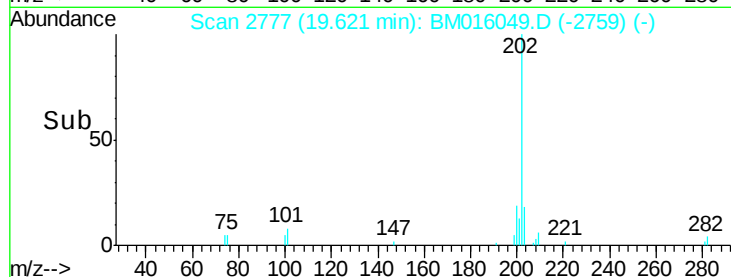
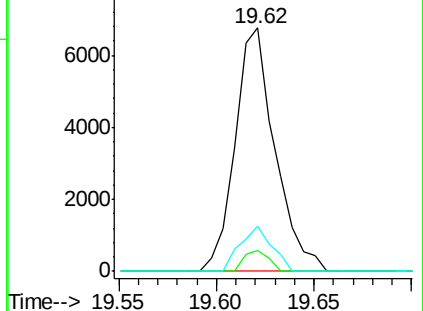
203 18.5 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

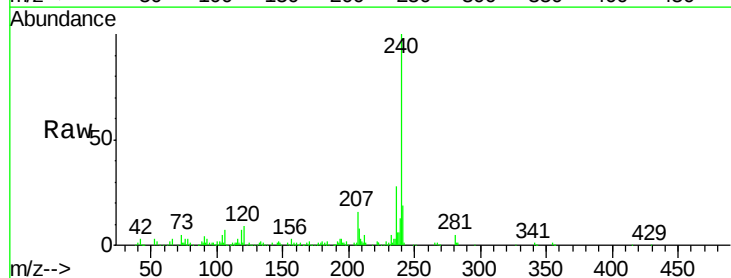
Tgt Ion: 240 Resp: 189523

Ion Ratio Lower Upper

240 100

120 8.9 8.2 12.2

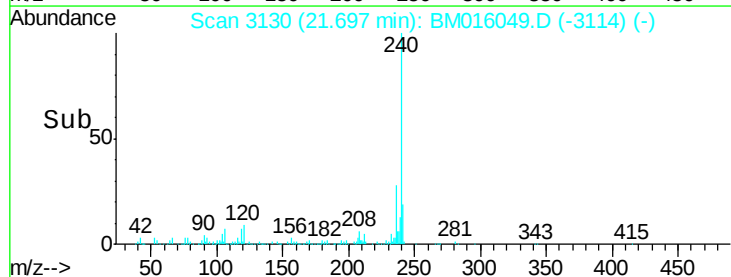
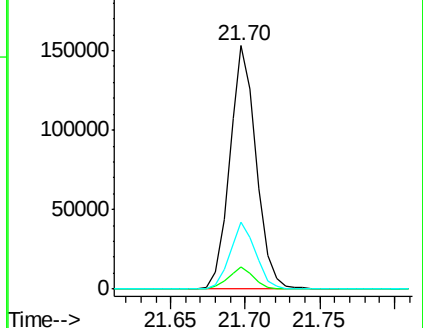
236 27.6 20.0 30.0

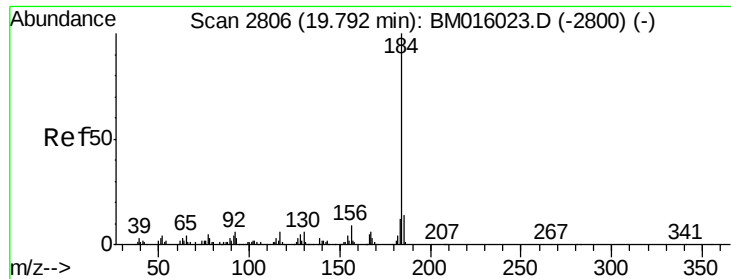


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

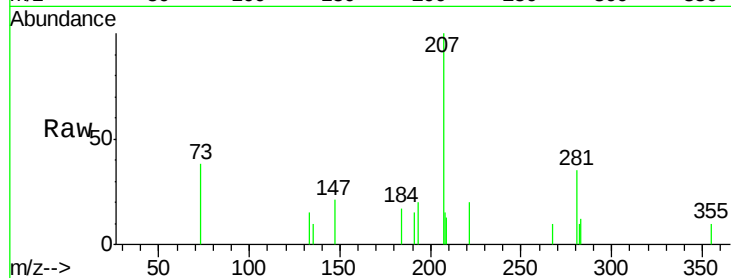




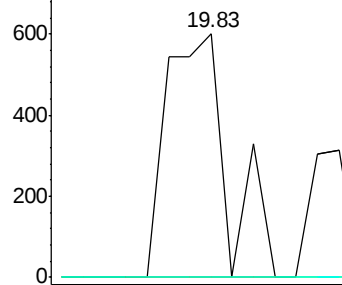
#76  
Benzidine  
Concen: 0.134 ng  
RT: 19.83 min Scan# 2812  
Delta R.T. 0.03 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

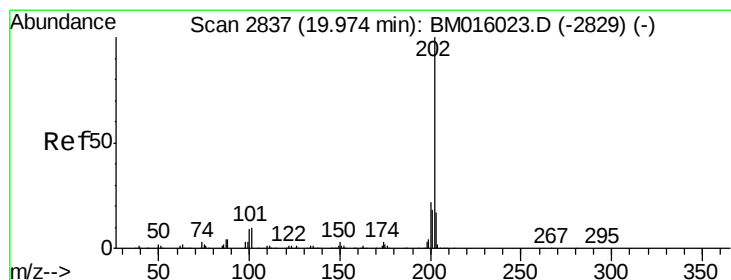
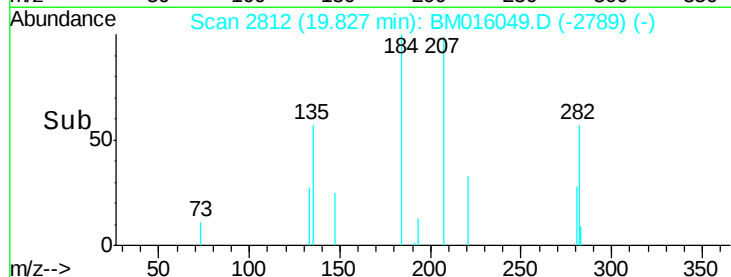
Tgt Ion:184 Resp: 712  
Ion Ratio Lower Upper  
184 100  
185 0.0 11.3 16.9#  
183 0.0 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E  
Ion 185.00 (184.70 to 185.70): E  
Ion 183.00 (182.70 to 183.70): E

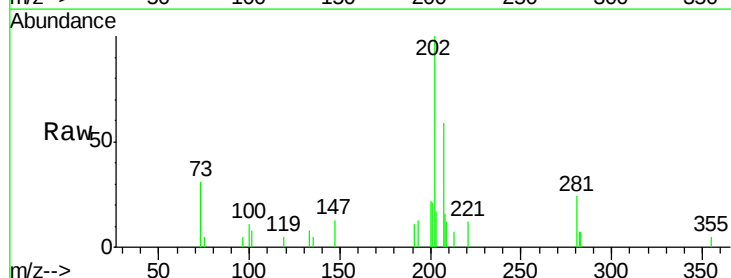


Time-->

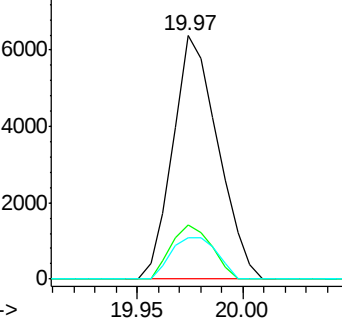


#77  
Pyrene  
Concen: 0.830 ng  
RT: 19.97 min Scan# 2837  
Delta R.T. -0.00 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

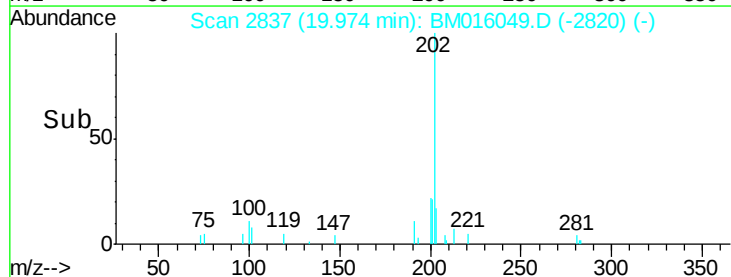
Tgt Ion:202 Resp: 9423  
Ion Ratio Lower Upper  
202 100  
200 22.5 16.9 25.3  
203 17.0 14.1 21.1

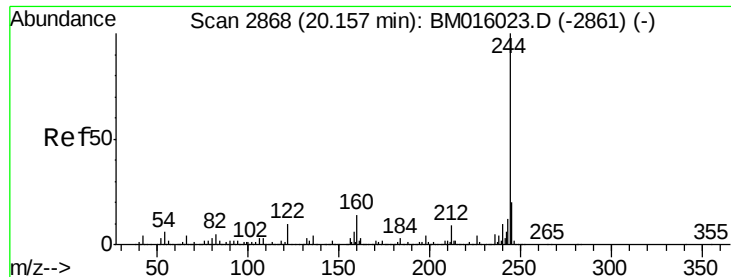


Abundance Ion 202.00 (201.70 to 202.70): E  
Ion 200.00 (199.70 to 200.70): E  
Ion 203.00 (202.70 to 203.70): E



Time-->





#78

Terphenyl-d14

Concen: 0.830 ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

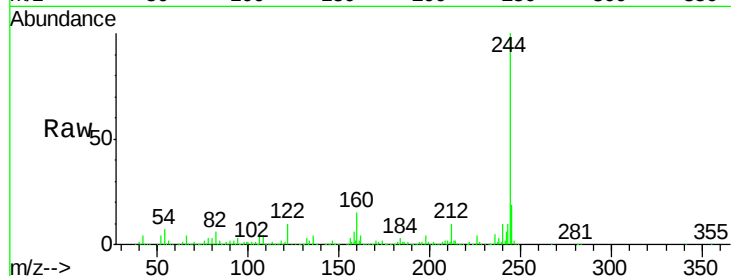
Tgt Ion:244 Resp: 1120612

Ion Ratio Lower Upper

244 100

212 9.9 4.9 7.3#

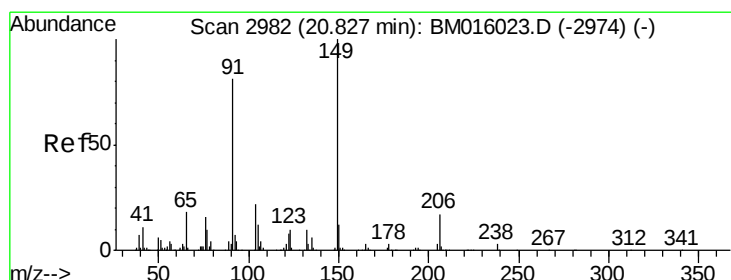
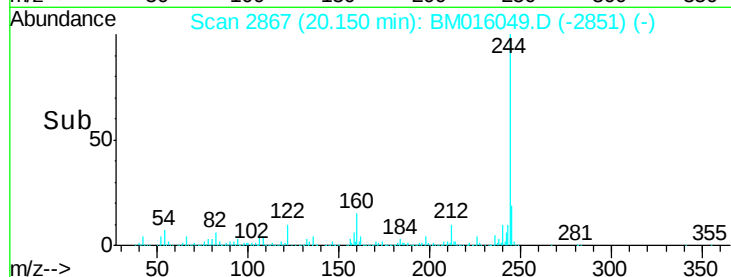
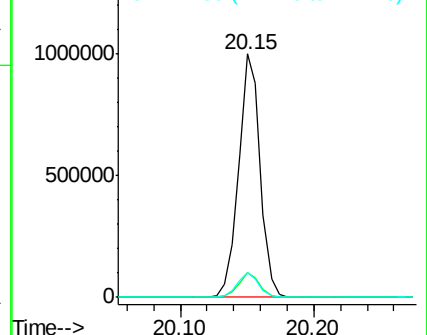
122 10.0 6.2 9.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 0.696 ng

RT: 20.82 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

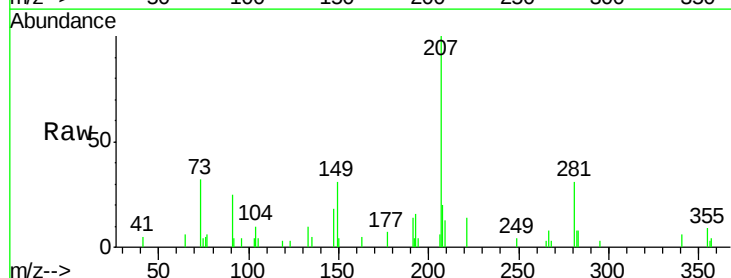
Tgt Ion:149 Resp: 4013

Ion Ratio Lower Upper

149 100

91 82.1 50.1 75.1#

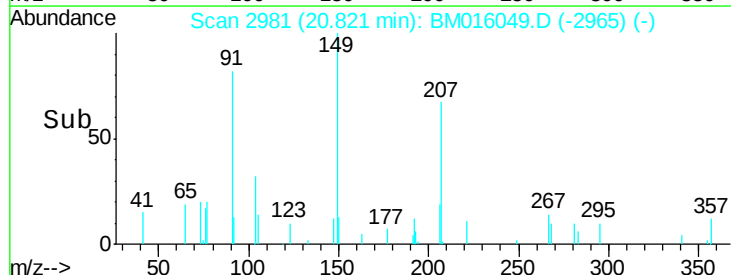
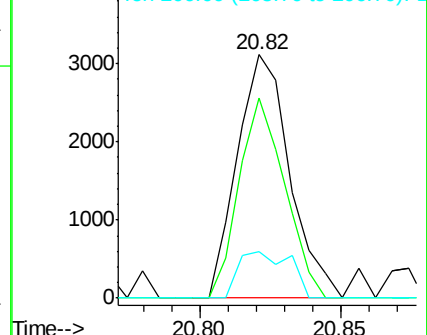
206 18.9 16.2 24.2

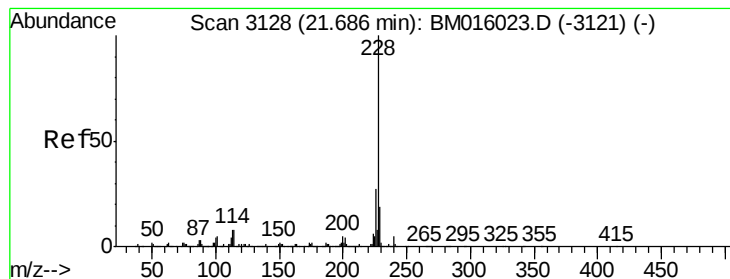


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 0.958 ng

RT: 21.69 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

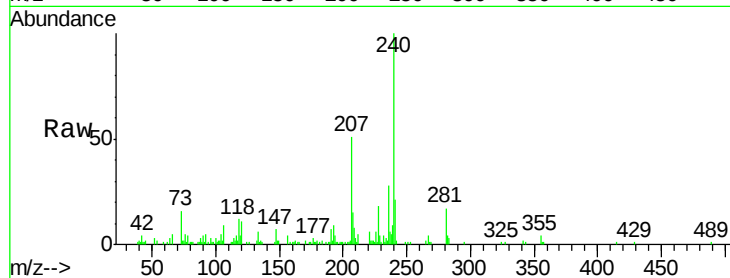
Tgt Ion:228 Resp: 11181

Ion Ratio Lower Upper

228 100

226 31.9 21.7 32.5

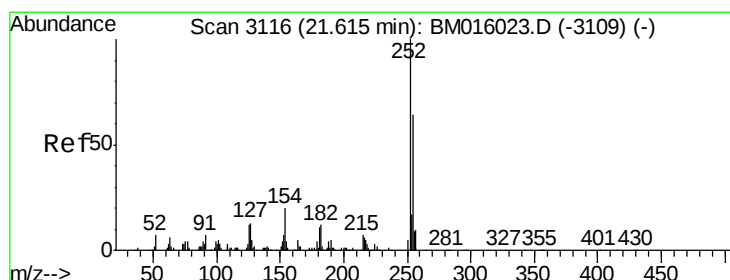
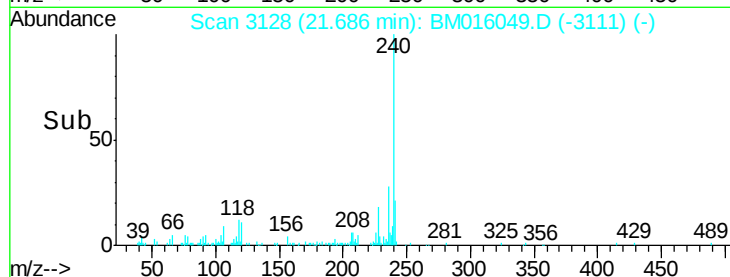
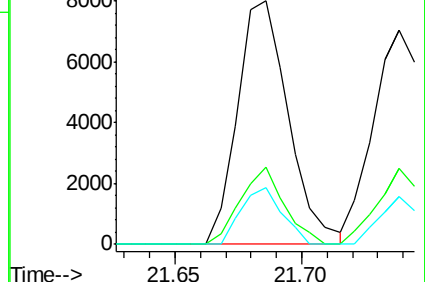
229 23.3 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#81

3,3'-Dichlorobenzidine

Concen: 0.692 ng

RT: 21.62 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

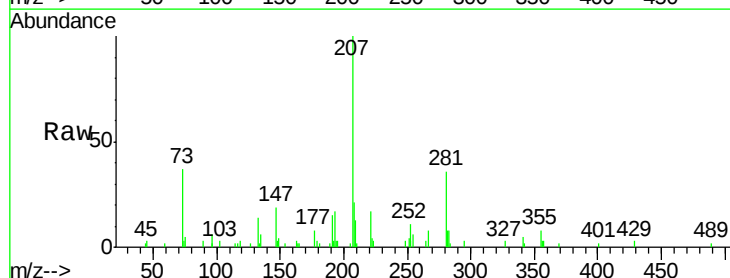
Tgt Ion:252 Resp: 3252

Ion Ratio Lower Upper

252 100

254 52.5 51.9 77.9

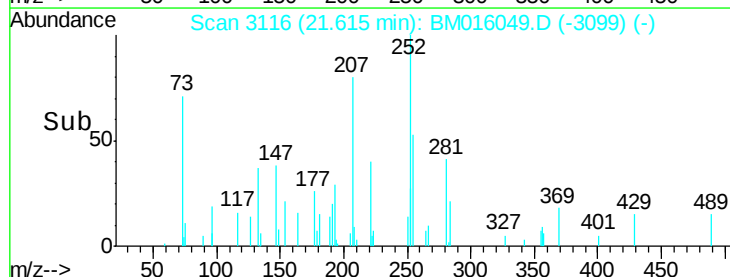
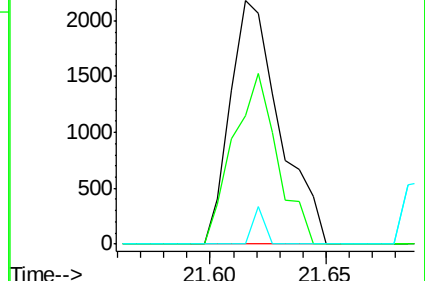
126 0.0 9.8 14.8#

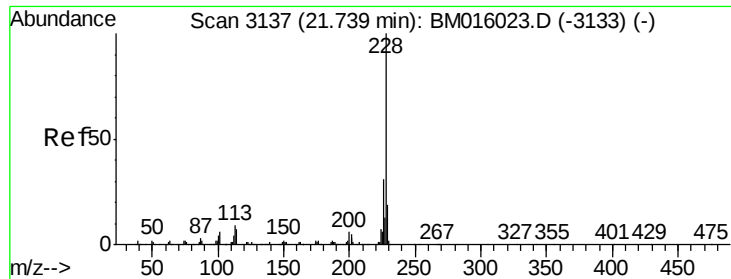


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 0.930 ng

RT: 21.74 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

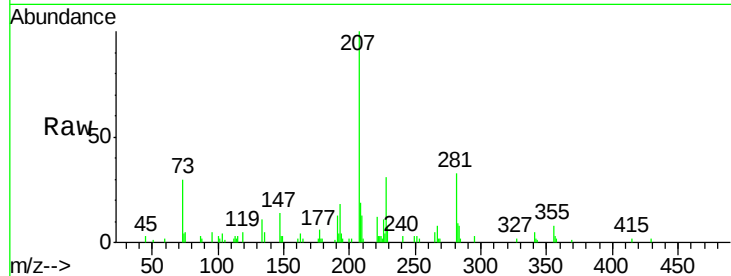
Tgt Ion:228 Resp: 10412

Ion Ratio Lower Upper

228 100

226 35.4 24.1 36.1

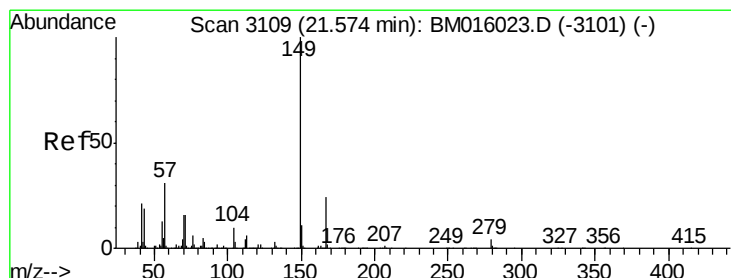
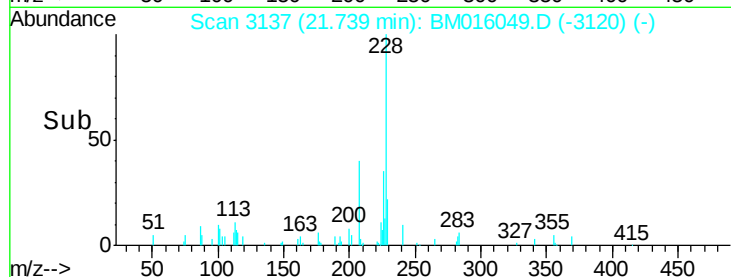
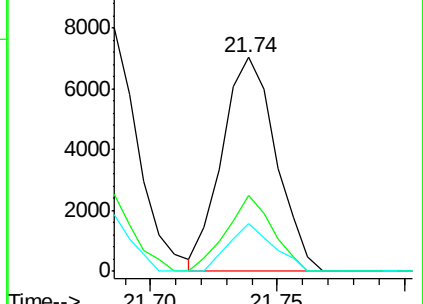
229 22.3 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 0.703 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

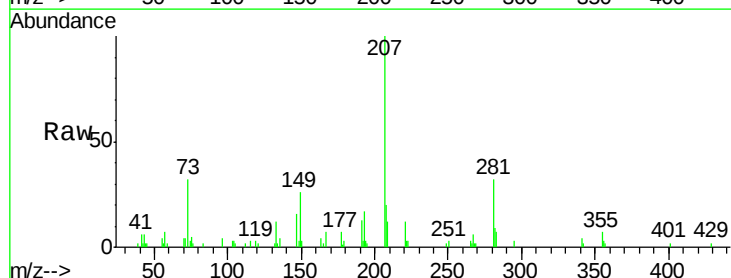
Tgt Ion:149 Resp: 5879

Ion Ratio Lower Upper

149 100

167 24.9 22.4 33.6

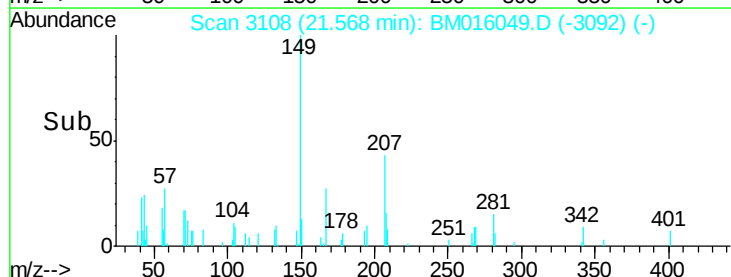
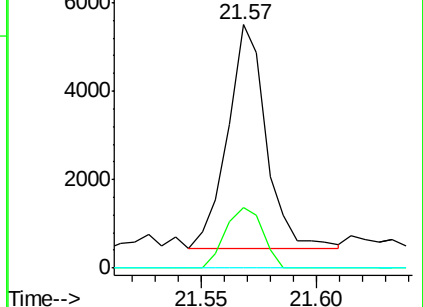
279 0.0 3.4 5.0#

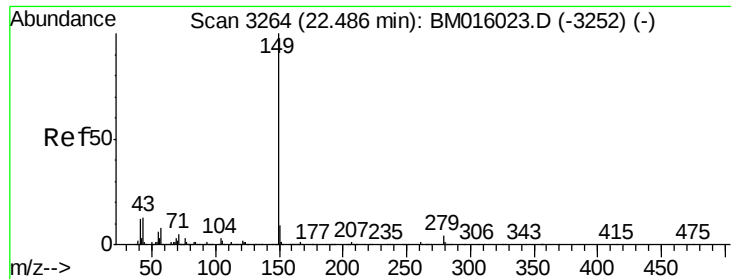


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 0.705 ng

RT: 22.48 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

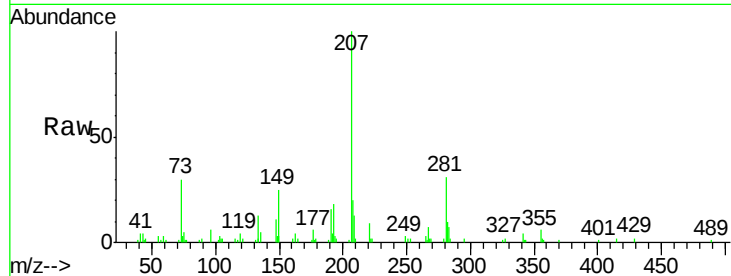
Tgt Ion:149 Resp: 9903

Ion Ratio Lower Upper

149 100

167 0.0 1.2 1.8#

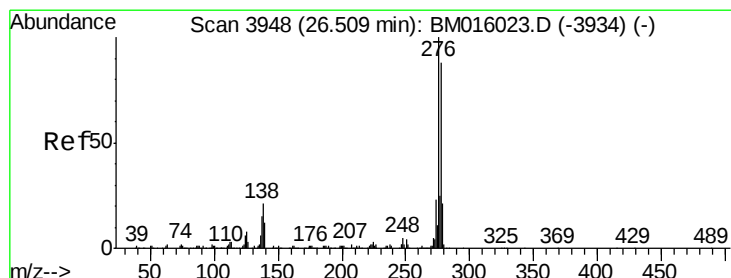
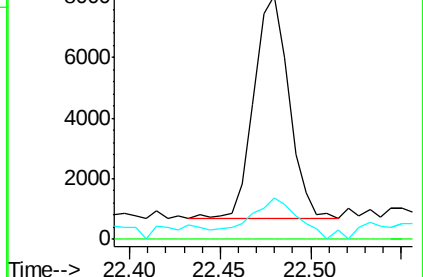
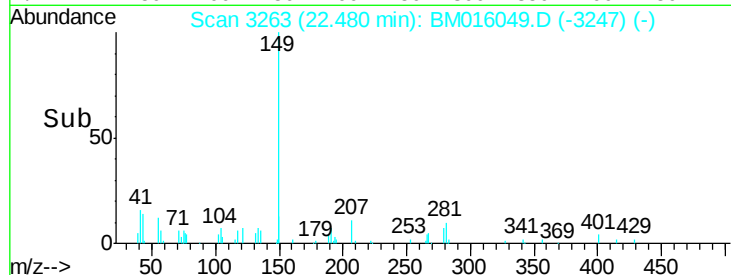
43 26.0 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#85

Indeno(1,2,3-cd)pyrene

Concen: 0.917 ng

RT: 26.51 min Scan# 3949

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

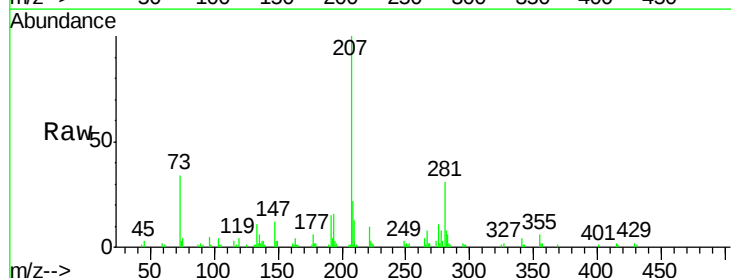
Tgt Ion:276 Resp: 12188

Ion Ratio Lower Upper

276 100

138 17.9 12.0 18.0

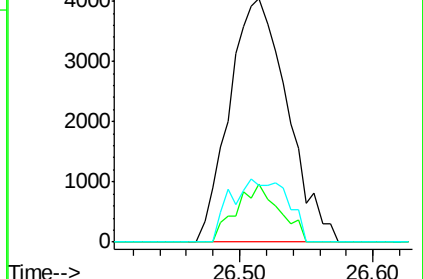
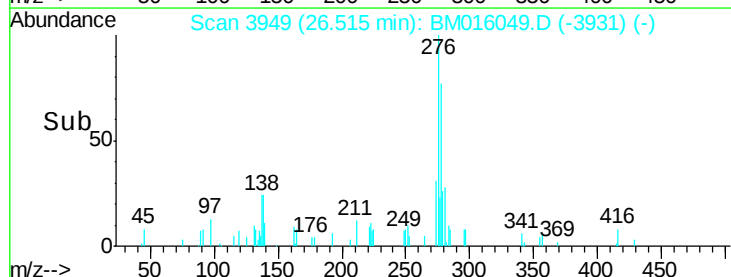
277 25.4 20.0 30.0

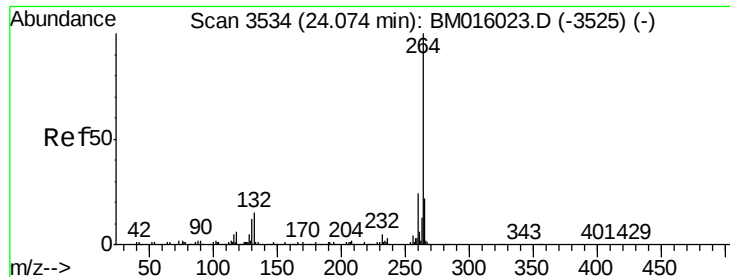


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



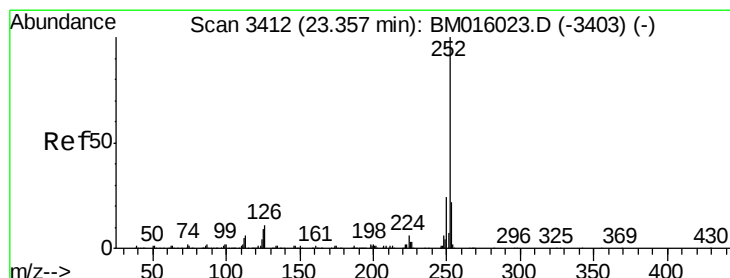
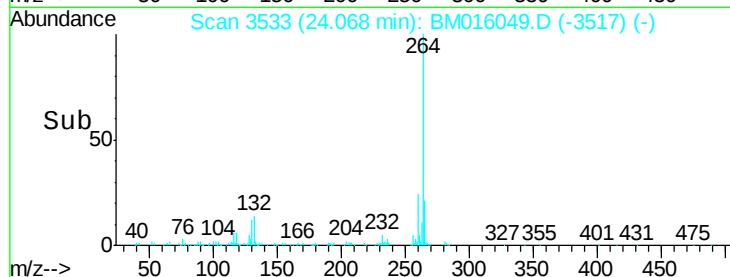
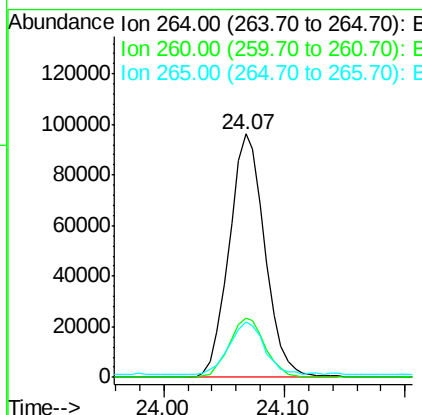
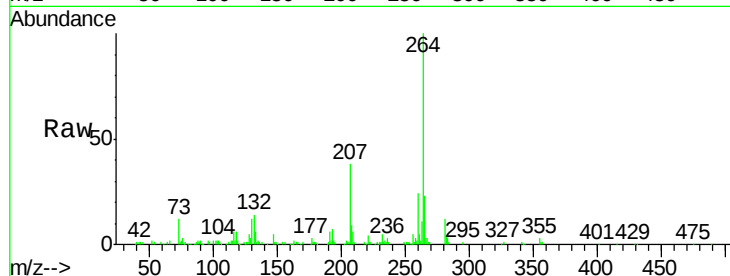


#86  
Perylene-d12  
Concen: 20.000 ng  
RT: 24.07 min Scan# 3533  
Delta R.T. -0.01 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-03-QT3-2018

Tgt Ion: 264 Resp: 197816  

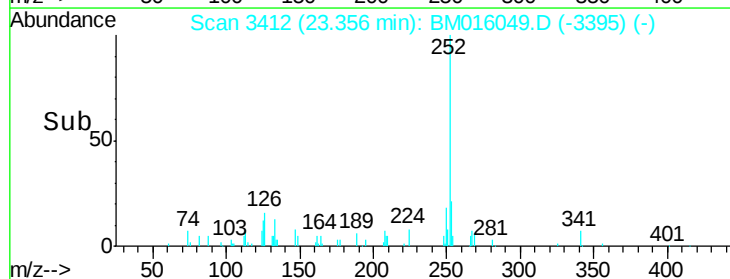
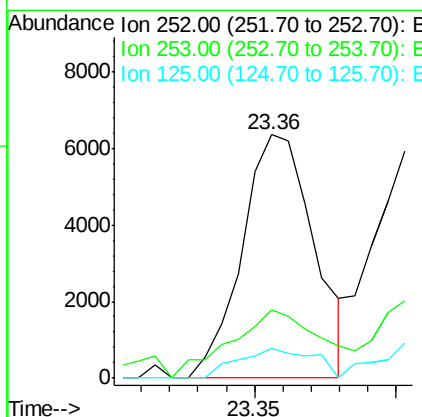
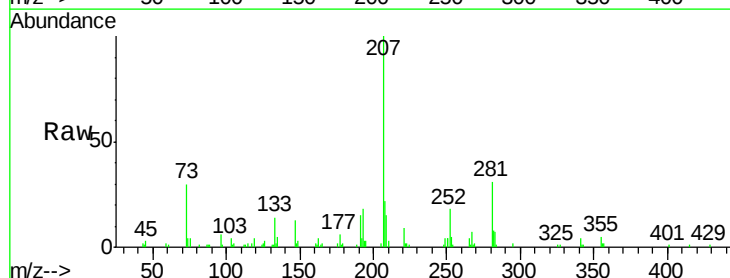
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 264 | 100   |       |       |
| 260 | 24.2  | 18.6  | 27.8  |
| 265 | 22.7  | 17.3  | 25.9  |

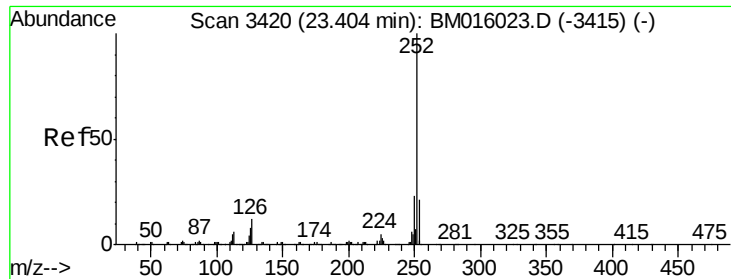


#87  
Benzo(b)fluoranthene  
Concen: 0.965 ng  
RT: 23.36 min Scan# 3412  
Delta R.T. -0.00 min  
Lab File: BM016049.D  
Acq: 24 Jul 2018 05:26

Tgt Ion: 252 Resp: 11239  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 252 | 100   |       |       |
| 253 | 28.0  | 18.0  | 27.0# |
| 125 | 12.4  | 9.9   | 14.9  |





#88

Benzo(k)fluoranthene

Concen: 1.062 ng

RT: 23.40 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

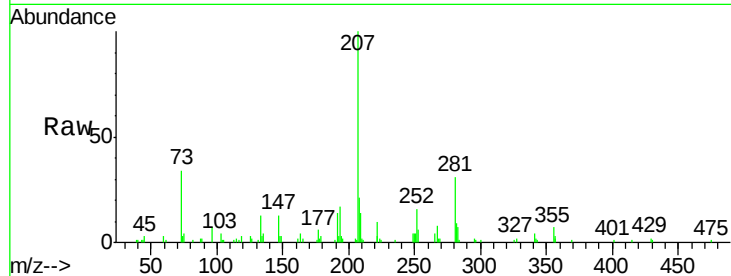
Tgt Ion:252 Resp: 12537

Ion Ratio Lower Upper

252 100

253 33.7 17.2 25.8#

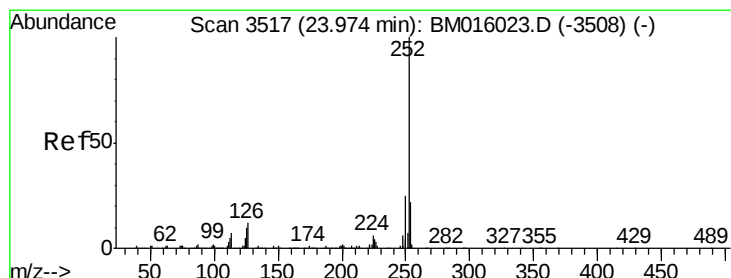
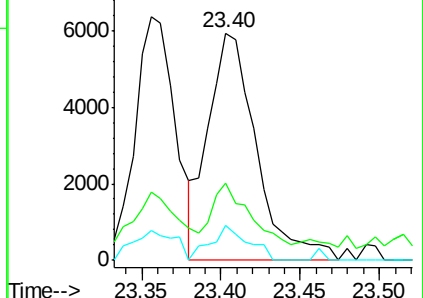
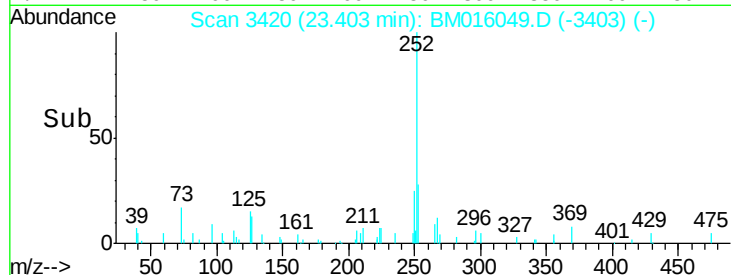
125 15.2 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 1.034 ng

RT: 23.97 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

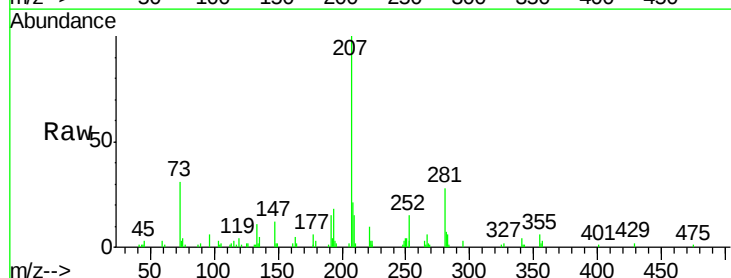
Tgt Ion:252 Resp: 11572

Ion Ratio Lower Upper

252 100

253 23.4 17.6 26.4

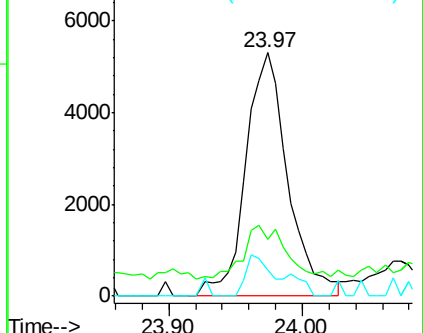
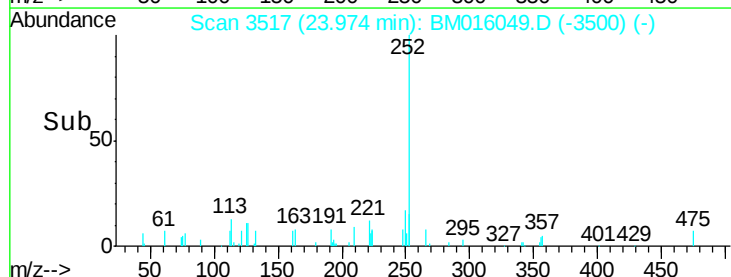
125 10.8 7.4 11.2

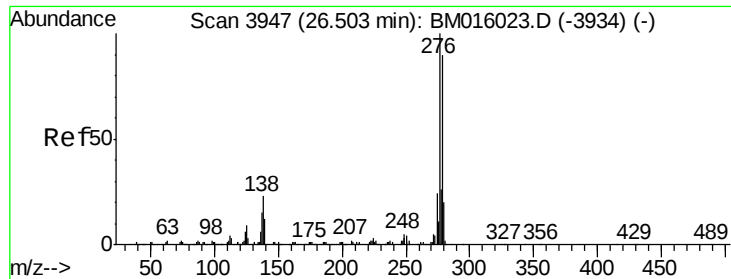


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 0.873 ng

RT: 26.51 min Scan# 3948

Delta R.T. 0.01 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-03-QT3-2018

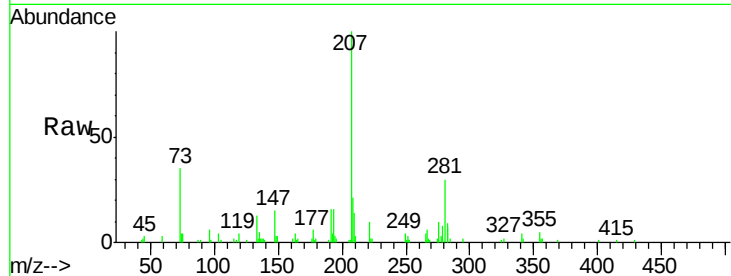
Tgt Ion:278 Resp: 10123

Ion Ratio Lower Upper

278 100

139 15.5 13.4 20.0

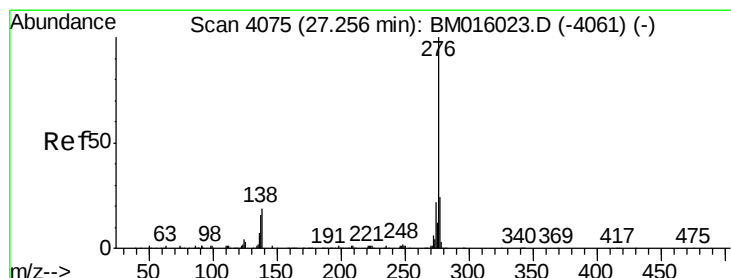
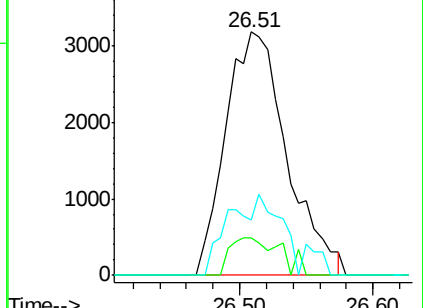
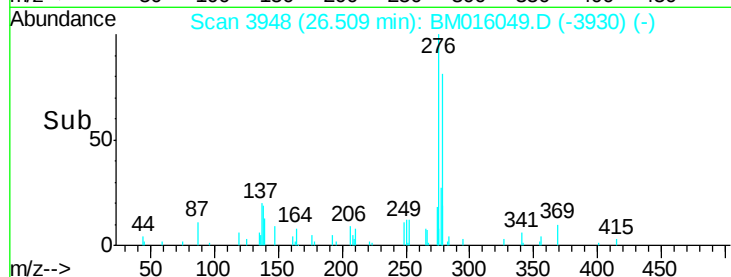
279 22.9 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 0.962 ng

RT: 27.28 min Scan# 4079

Delta R.T. 0.02 min

Lab File: BM016049.D

Acq: 24 Jul 2018 05:26

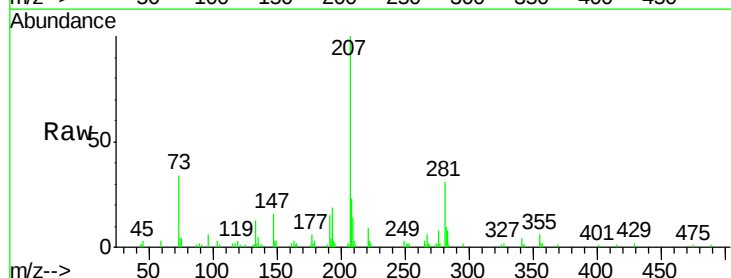
Tgt Ion:276 Resp: 10559

Ion Ratio Lower Upper

276 100

277 24.4 18.5 27.7

138 14.7 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

