

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\  
 Data File : BM026773.D  
 Acq On : 15 Jul 2020 12:46  
 Operator : JU/CG  
 Sample : L1955-11  
 Misc : MDL-WATER-04  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

Quant Time: Jul 15 13:22:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 15 10:09:26 2020  
 Response via : Initial Calibration

| Internal Standards        | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|---------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Dichlorobenzene-d4 | 7.31  | 152  | 68613    | 20.00 | ng/ul | 0.00     |
| 18) Naphthalene-d8        | 10.06 | 136  | 278405   | 20.00 | ng/ul | 0.00     |
| 36) Acenaphthene-d10      | 13.97 | 164  | 172373   | 20.00 | ng/ul | 0.00     |
| 62) Phenanthrene-d10      | 16.73 | 188  | 352078   | 20.00 | ng/ul | 0.00     |
| 78) Chrysene-d12          | 20.95 | 240  | 317712   | 20.00 | ng/ul | 0.00     |
| 86) Perylene-d12          | 23.02 | 264  | 354783   | 20.00 | ng/ul | 0.00     |

## System Monitoring Compounds

|                                |       |     |        |       |       |      |
|--------------------------------|-------|-----|--------|-------|-------|------|
| 3) 1,4-Dioxane-d8              | 2.91  | 96  | 3885   | 1.70  | ng/uL | 0.00 |
| 5) Phenol-d5                   | 6.52  | 99  | 165638 | 26.36 | ng/ul | 0.00 |
| 7) Bis-(2-Chloroethyl)ether-d  | 6.67  | 67  | 121832 | 28.67 | ng/ul | 0.00 |
| 9) 2-Chlorophenol-d4           | 6.85  | 132 | 131577 | 27.25 | ng/ul | 0.00 |
| 13) 4-Methylphenol-d8          | 8.04  | 113 | 130693 | 26.01 | ng/ul | 0.00 |
| 19) Nitrobenzene-d5            | 8.45  | 128 | 61487  | 27.93 | ng/ul | 0.00 |
| 22) 2-Nitrophenol-d4           | 9.17  | 143 | 68843  | 29.32 | ng/ul | 0.00 |
| 26) 2,4-Dichlorophenol-d3      | 9.71  | 165 | 127002 | 27.63 | ng/ul | 0.00 |
| 29) 4-Chloroaniline-d4         | 10.22 | 131 | 171265 | 35.38 | ng/ul | 0.00 |
| 44) Dimethylphthalate-d6       | 13.40 | 166 | 403700 | 29.36 | ng/ul | 0.00 |
| 47) Acenaphthylene-d8          | 13.65 | 160 | 483570 | 29.10 | ng/ul | 0.00 |
| 52) 4-Nitrophenol-d4           | 14.23 | 143 | 45726  | 23.04 | ng/ul | 0.00 |
| 58) Fluorene-d10               | 14.98 | 176 | 336668 | 27.96 | ng/ul | 0.00 |
| 63) 4,6-Dinitro-2-methylphenol | 15.13 | 200 | 55775  | 25.36 | ng/ul | 0.00 |
| 71) Anthracene-d10             | 16.83 | 188 | 504672 | 29.11 | ng/ul | 0.00 |
| 79) Pyrene-d10                 | 19.14 | 212 | 548806 | 33.24 | ng/ul | 0.00 |
| 90) Benzo(a)pyrene-d12         | 22.89 | 264 | 517469 | 27.03 | ng/ul | 0.00 |

## Target Compounds

|                                |       |     |       |              | Ovalue |
|--------------------------------|-------|-----|-------|--------------|--------|
| 2) 1,4-Dioxane                 | 2.94  | 88  | 3426  | 1.386 ng/uL  | 94     |
| 4) Benzaldehyde                | 6.48  | 77  | 10905 | 3.268 ng/ul  | 89     |
| 6) Phenol                      | 6.54  | 94  | 23864 | 3.454 ng/ul  | 91     |
| 8) Bis(2-Chloroethyl)ether     | 6.75  | 93  | 19122 | 3.635 ng/ul  | 98     |
| 10) 2-Chlorophenol             | 6.88  | 128 | 19284 | 3.623 ng/ul  | 96     |
| 11) 2-Methylphenol             | 7.77  | 108 | 15231 | 3.086 ng/ul  | 95     |
| 12) 2,2'-oxybis(1-Chloropropan | 7.85  | 45  | 40664 | 3.985 ng/ul  | 98     |
| 14) Acetophenone               | 8.13  | 105 | 29767 | 3.496 ng/ul  | 93     |
| 15) N-Nitroso-di-n-propylamine | 8.12  | 70  | 17884 | 3.555 ng/ul  | 94     |
| 16) 4-Methylphenol             | 8.10  | 108 | 18137 | 3.306 ng/ul  | 83     |
| 17) Hexachloroethane           | 8.35  | 117 | 8465  | 3.589 ng/ul# | 87     |
| 20) Nitrobenzene               | 8.50  | 77  | 24309 | 3.501 ng/ul  | 100    |
| 21) Isophorone                 | 9.02  | 82  | 42025 | 3.601 ng/ul  | 99     |
| 23) 2-Nitrophenol              | 9.20  | 139 | 10229 | 3.766 ng/ul  | 94     |
| 24) 2,4-Dimethylphenol         | 9.28  | 107 | 20876 | 3.337 ng/ul  | 95     |
| 25) Bis(2-Chloroethoxy)methane | 9.51  | 93  | 24912 | 3.590 ng/ul# | 95     |
| 27) 2,4-Dichlorophenol         | 9.73  | 162 | 16442 | 3.461 ng/ul  | 97     |
| 28) Naphthalene                | 10.11 | 128 | 60666 | 3.681 ng/ul  | 98     |
| 30) 4-Chloroaniline            | 10.24 | 127 | 23553 | 4.579 ng/ul  | 97     |
| 31) Hexachlorobutadiene        | 10.40 | 225 | 12930 | 3.756 ng/ul  | 94     |
| 32) Caprolactam                | 11.07 | 113 | 2480  | 1.890 ng/ul  | 87     |
| 33) 4-Chloro-3-methylphenol    | 11.40 | 107 | 18524 | 3.427 ng/ul  | 93     |
| 34) 2-Methylnaphthalene        | 11.74 | 142 | 40954 | 3.548 ng/ul  | 98     |

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\  
 Data File : BM026773.D  
 Acq On : 15 Jul 2020 12:46  
 Operator : JU/CG  
 Sample : L1955-11  
 Misc : MDL-WATER-04  
 ALS Vial : 8 Sample Multiplier: 1

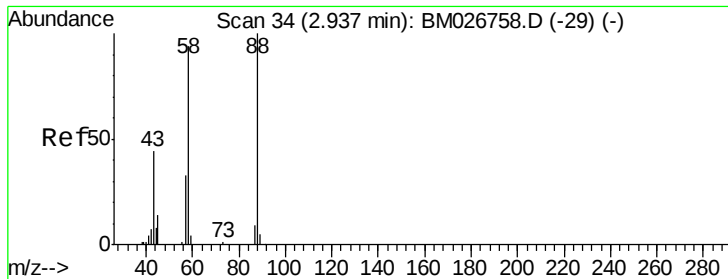
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

Quant Time: Jul 15 13:22:15 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA\_M\METHODS\SOM-EPA-BM063020MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Wed Jul 15 10:09:26 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-------|--------|----------|
| -----                          |       |      |          |       |        |          |
| 35) 1-Methylnaphthalene        | 11.96 | 142  | 39358    | 3.658 | ng/ul  | 96       |
| 37) 1,2,4,5-Tetrachlorobenzene | 12.12 | 216  | 23515    | 3.753 | ng/ul  | 98       |
| 38) Hexachlorocyclopentadiene  | 12.10 | 237  | 3456     | 1.081 | ng/ul  | 98       |
| 39) 2,4,6-Trichlorophenol      | 12.40 | 196  | 11956    | 3.233 | ng/ul  | 90       |
| 40) 2,4,5-Trichlorophenol      | 12.48 | 196  | 13075    | 3.233 | ng/ul  | 90       |
| 41) 1,1'-Biphenyl              | 12.79 | 154  | 53989    | 3.619 | ng/ul  | 98       |
| 42) 2-Chloronaphthalene        | 12.82 | 162  | 42414    | 3.611 | ng/ul  | 95       |
| 45) Dimethylphthalate          | 13.45 | 163  | 55112    | 3.829 | ng/ul  | 97       |
| 46) 2,6-Dinitrotoluene         | 13.57 | 165  | 8768     | 3.152 | ng/ul# | 84       |
| 48) Acenaphthylene             | 13.68 | 152  | 63868    | 3.589 | ng/ul  | 99       |
| 49) 3-Nitroaniline             | 13.91 | 138  | 6926     | 2.996 | ng/ul  | 92       |
| 50) Acenaphthene               | 14.03 | 153  | 46000    | 3.658 | ng/ul  | 97       |
| 51) 2,4-Dinitrophenol          | 14.14 | 184  | 2992     | 2.070 | ng/ul  | 93       |
| 54) Dibenzofuran               | 14.38 | 168  | 64918    | 3.638 | ng/ul  | 96       |
| 55) 2,4-Dinitrotoluene         | 14.38 | 165  | 14077    | 3.403 | ng/ul# | 83       |
| 56) 2,3,4,6-Tetrachlorophenol  | 14.62 | 232  | 11818    | 3.394 | ng/ul# | 89       |
| 57) Diethylphthalate           | 14.83 | 149  | 53507    | 3.699 | ng/ul  | 99       |
| 59) Fluorene                   | 15.03 | 166  | 51870    | 3.558 | ng/ul  | 94       |
| 60) 4-Chlorophenyl-phenylether | 15.04 | 204  | 27640    | 3.648 | ng/ul  | 97       |
| 61) 4-Nitroaniline             | 15.08 | 138  | 4715     | 1.803 | ng/ul  | 92       |
| 64) 4,6-Dinitro-2-methylphenol | 15.15 | 198  | 8032     | 3.447 | ng/ul# | 80       |
| 65) N-Nitrosodiphenylamine     | 15.26 | 169  | 44918    | 3.816 | ng/ul  | 97       |
| 66) 4-Bromophenyl-phenylether  | 15.93 | 248  | 16135    | 3.801 | ng/ul  | 95       |
| 67) Hexachlorobenzene          | 16.04 | 284  | 18497    | 3.824 | ng/ul  | 96       |
| 68) Atrazine                   | 16.23 | 200  | 15187    | 3.960 | ng/ul  | 97       |
| 69) Pentachlorophenol          | 16.41 | 266  | 6386     | 2.677 | ng/ul  | 95       |
| 70) Phenanthrene               | 16.77 | 178  | 82316    | 3.755 | ng/ul  | 98       |
| 72) Anthracene                 | 16.86 | 178  | 82885    | 3.747 | ng/ul  | 98       |
| 73) 1,2,3,4-Tetrachlorobenzene | 12.75 | 216  | 22775    | 3.752 | ng/uL  | 93       |
| 74) Pentachlorobenzene         | 14.29 | 250  | 23540    | 4.049 | ng/uL  | 97       |
| 75) Carbazole                  | 17.15 | 167  | 63059    | 3.560 | ng/ul  | 97       |
| 76) Di-n-butylphthalate        | 17.73 | 149  | 78041    | 3.642 | ng/ul  | 99       |
| 77) Fluoranthene               | 18.80 | 202  | 88628    | 3.908 | ng/ul  | 98       |
| 80) Pyrene                     | 19.17 | 202  | 96939    | 4.305 | ng/ul  | 98       |
| 81) Butylbenzylphthalate       | 20.11 | 149  | 30456    | 3.813 | ng/ul  | 94       |
| 82) 3,3'-Dichlorobenzidine     | 20.89 | 252  | 17123    | 2.674 | ng/ul  | 95       |
| 83) Benzo(a)anthracene         | 20.94 | 228  | 88472    | 4.045 | ng/ul  | 97       |
| 84) Bis(2-ethylhexyl)phthalate | 20.90 | 149  | 43967    | 3.696 | ng/ul  | 99       |
| 85) Chrysene                   | 20.99 | 228  | 83366    | 3.842 | ng/ul  | 99       |
| 87) Di-n-octyl phthalate       | 21.75 | 149  | 73258    | 3.351 | ng/ul  | 100      |
| 88) Benzo(b)fluoranthene       | 22.42 | 252  | 83865    | 3.480 | ng/ul  | 98       |
| 89) Benzo(k)fluoranthene       | 22.45 | 252  | 81564    | 3.415 | ng/ul  | 96       |
| 91) Benzo(a)pyrene             | 22.92 | 252  | 82902    | 3.878 | ng/ul# | 98       |
| 92) Indeno(1,2,3-cd)pyrene     | 25.01 | 276  | 92595    | 3.319 | ng/ul  | 99       |
| 93) Dibenzo(a,h)anthracene     | 25.02 | 278  | 79421    | 3.379 | ng/ul  | 99       |
| 94) Benzo(g,h,i)perylene       | 25.62 | 276  | 81091    | 3.485 | ng/ul  | 99       |
| -----                          |       |      |          |       |        |          |

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





#2

1,4-Dioxane

Concen: 1.386 ng/uL

RT: 2.94 min Scan# 35

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

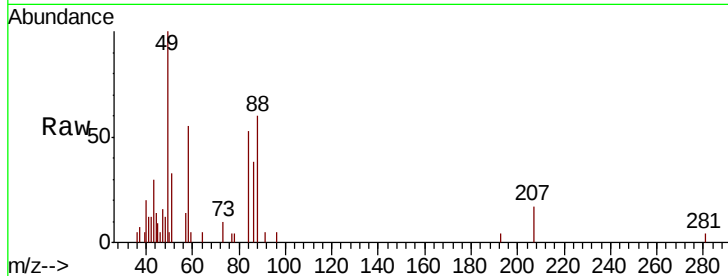
Tot Ion: 88 Resp: 3426

Ion Ratio Lower Upper

88 100

43 50.1 38.2 57.2

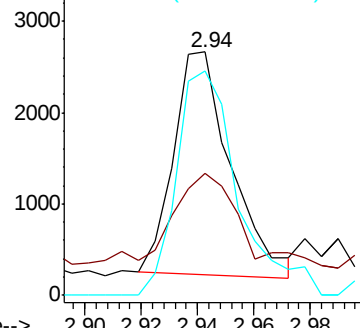
58 92.2 68.9 103.3



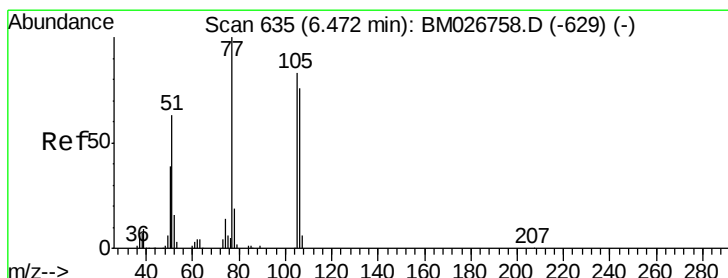
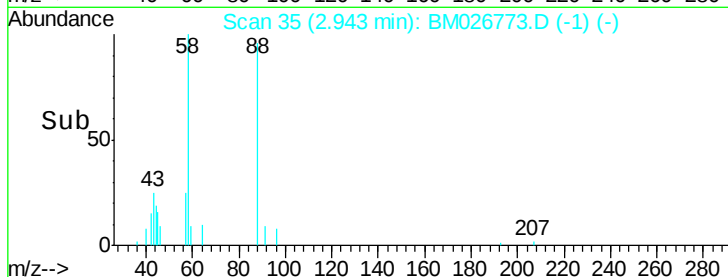
Abundance Ion 88.00 (87.70 to 88.70): BM026773.D (-1) (-)

Ion 43.00 (42.70 to 43.70): BM026773.D (-1) (-)

Ion 58.00 (57.70 to 58.70): BM026773.D (-1) (-)



Time-->



#4

Benzaldehyde

Concen: 3.268 ng/uL

RT: 6.48 min Scan# 636

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

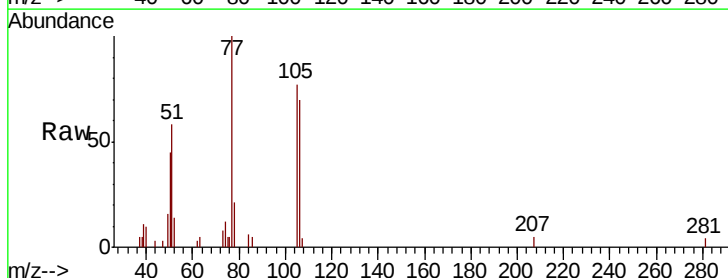
Tgt Ion: 77 Resp: 10905

Ion Ratio Lower Upper

77 100

105 77.0 67.5 101.3

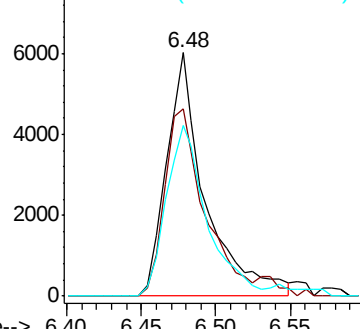
106 70.1 66.2 99.4



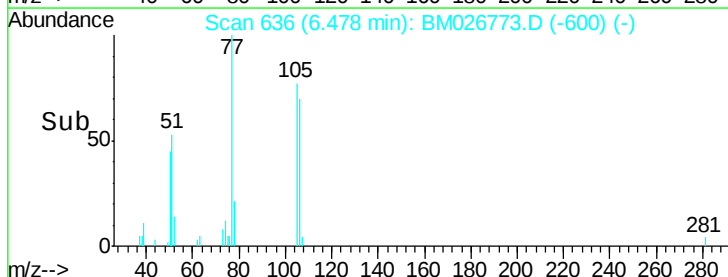
Abundance Ion 77.00 (76.70 to 77.70): BM026773.D (-600) (-)

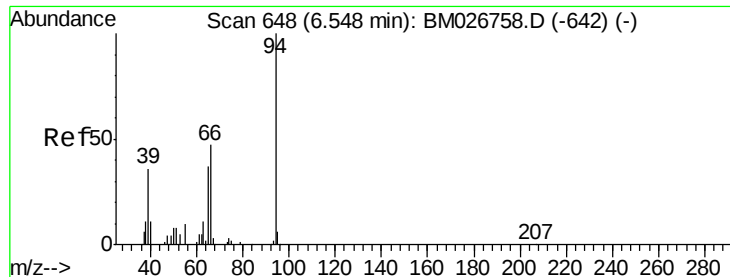
Ion 105.00 (104.70 to 105.70): BM026773.D (-600) (-)

Ion 106.00 (105.70 to 106.70): BM026773.D (-600) (-)



Time-->





#6

Phenol

Concen: 3.454 ng/ul

RT: 6.54 min Scan# 647

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

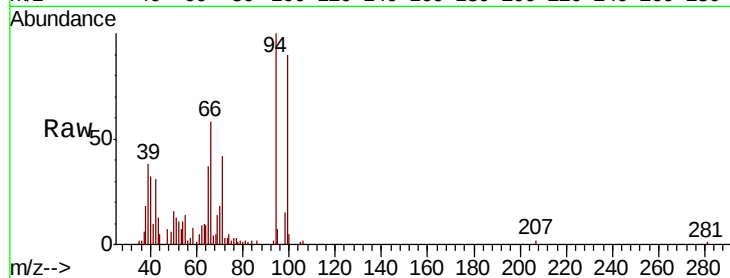
Tot Ion: 94 Resp: 23864

Ion Ratio Lower Upper

94 100

65 37.4 27.8 41.8

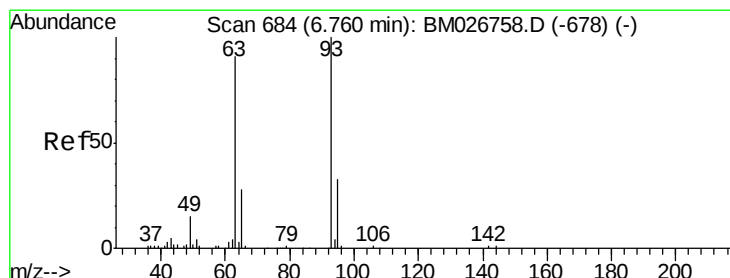
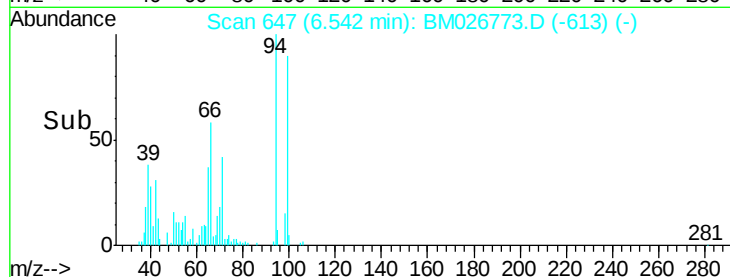
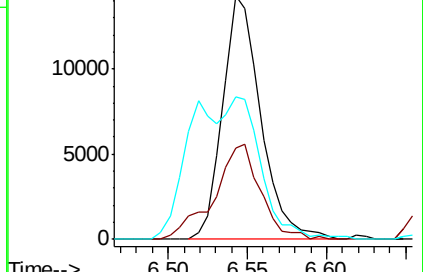
66 58.3 39.9 59.9



Abundance Ion 94.00 (93.70 to 94.70): BM026773.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM026773.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM026773.D (-642) (-)



#8

Bis(2-Chloroethyl)ether

Concen: 3.635 ng/ul

RT: 6.75 min Scan# 683

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

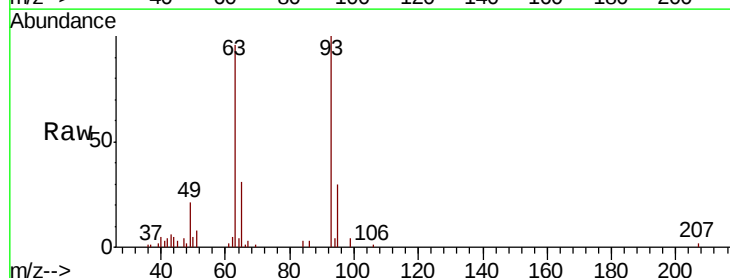
Tgt Ion: 93 Resp: 19122

Ion Ratio Lower Upper

93 100

63 96.3 75.5 113.3

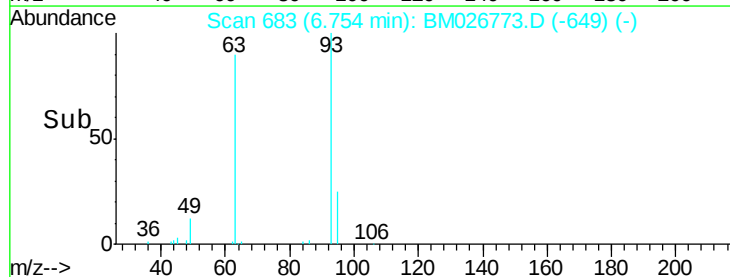
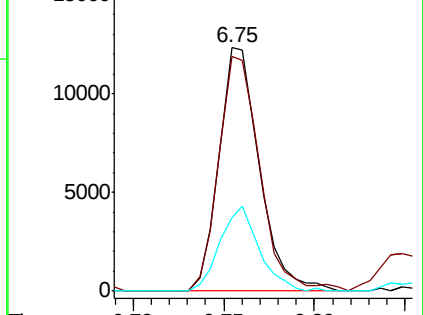
95 30.3 25.2 37.8

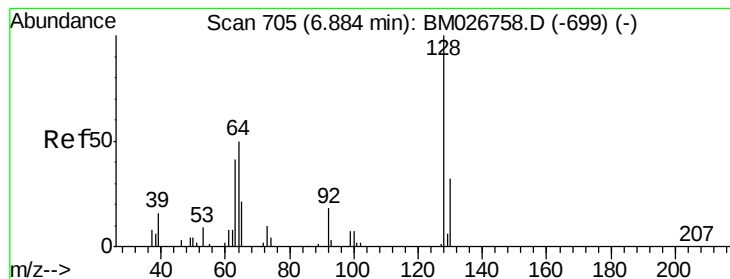


Abundance Ion 93.00 (92.70 to 93.70): BM026773.D (-678) (-)

Ion 63.00 (62.70 to 63.70): BM026773.D (-678) (-)

Ion 95.00 (94.70 to 95.70): BM026773.D (-678) (-)





#10

2-Chlorophenol

Concen: 3.623 ng/ul

RT: 6.88 min Scan# 704

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

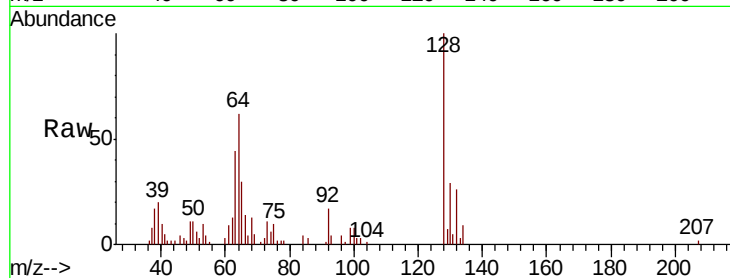
Tot Ion:128 Resp: 19284

Ion Ratio Lower Upper

128 100

64 61.6 47.4 71.2

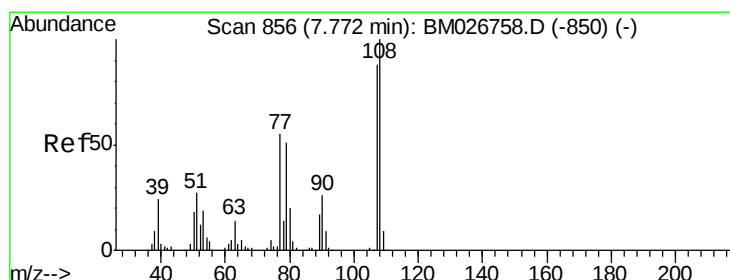
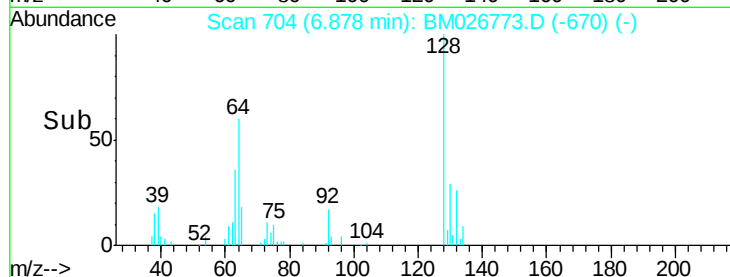
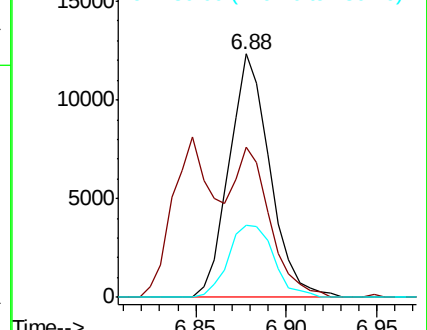
130 29.4 25.8 38.6



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 130.00 (129.70 to 130.70): E



#11

2-Methylphenol

Concen: 3.086 ng/ul

RT: 7.77 min Scan# 856

Delta R.T. -0.00 min

Lab File: BM026773.D

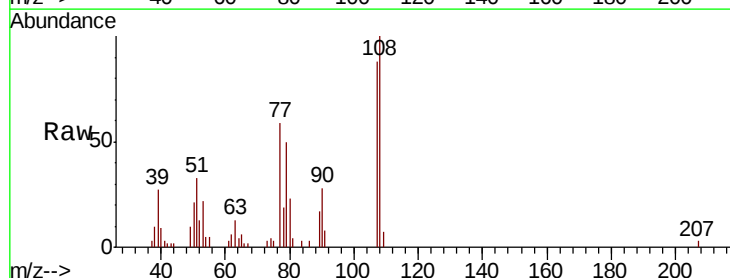
Acq: 15 Jul 2020 12:46

Tgt Ion:108 Resp: 15231

Ion Ratio Lower Upper

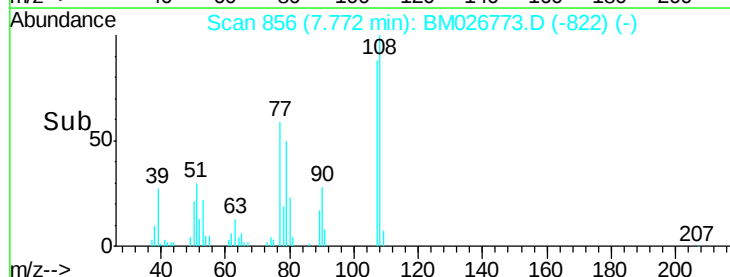
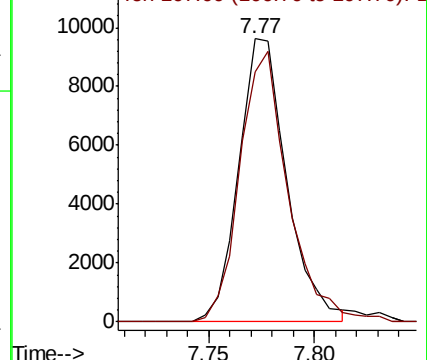
108 100

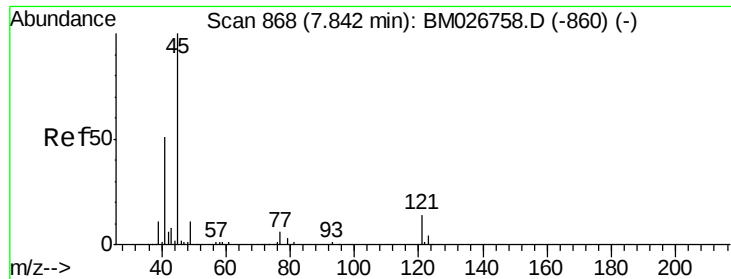
107 88.2 74.2 111.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

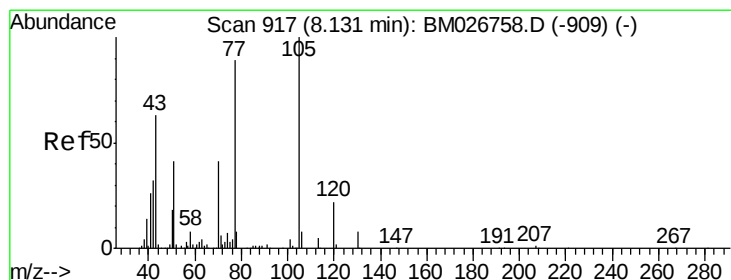
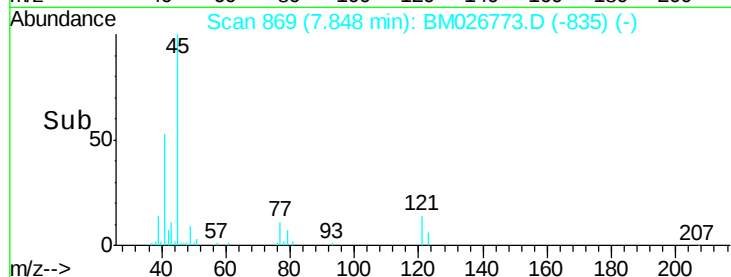
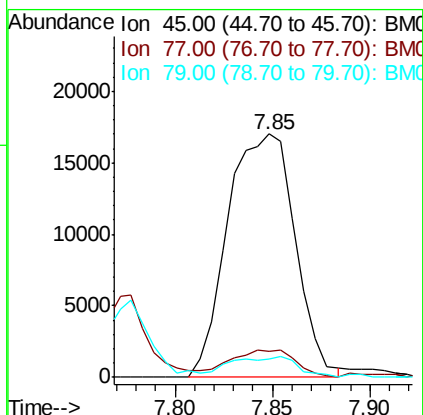
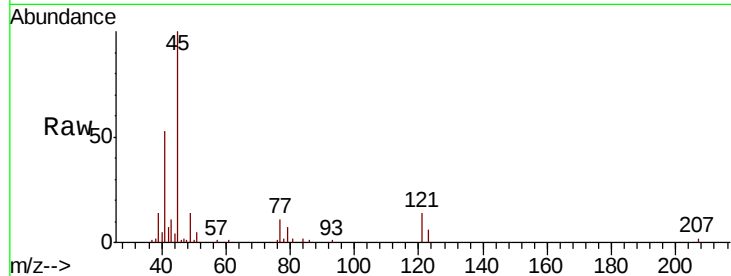




#12  
2,2'-oxvbis(1-Chloropropane)  
Concen: 3.985 ng/ul  
RT: 7.85 min Scan# 869  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

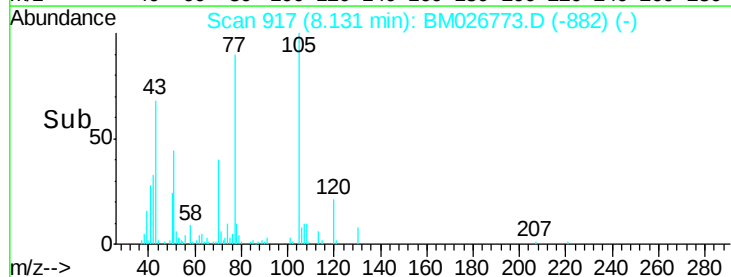
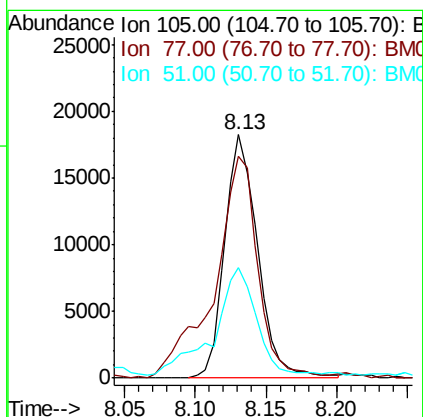
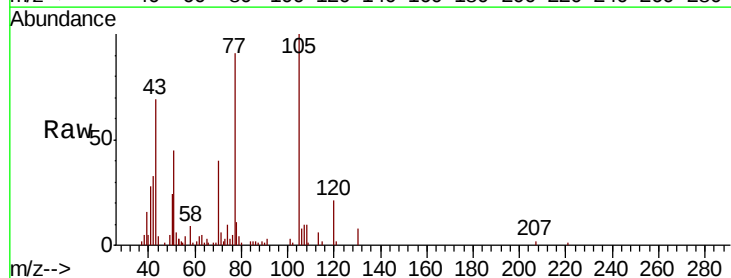
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

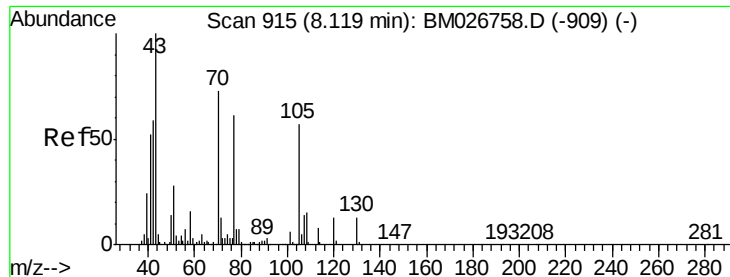
Tot Ion: 45 Resp: 40664  
Ion Ratio Lower Upper  
45 100  
77 10.6 8.8 13.2  
79 7.3 7.0 10.6



#14  
Acetophenone  
Concen: 3.496 ng/ul  
RT: 8.13 min Scan# 917  
Delta R.T. 0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion: 105 Resp: 29767  
Ion Ratio Lower Upper  
105 100  
77 91.3 69.8 104.6  
51 45.5 30.5 45.7





#15

N-Nitroso-di-n-propylamine

Concen: 3.555 ng/ul

RT: 8.12 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

Tot Ion: 70 Resp: 17884

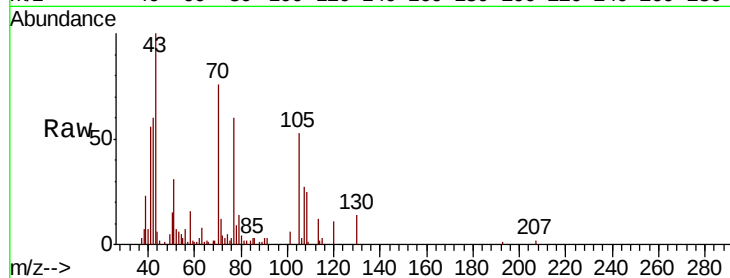
Ion Ratio Lower Upper

70 100

42 78.8 58.5 87.7

101 8.5 7.0 10.4

130 18.2 13.2 19.8

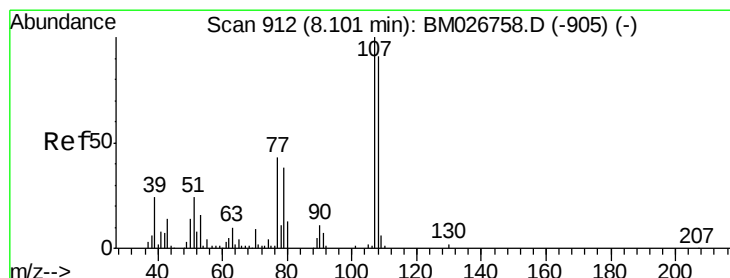
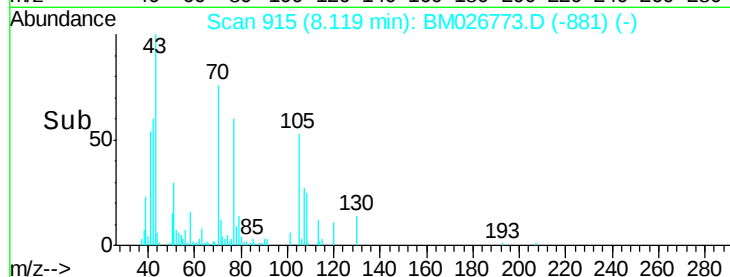
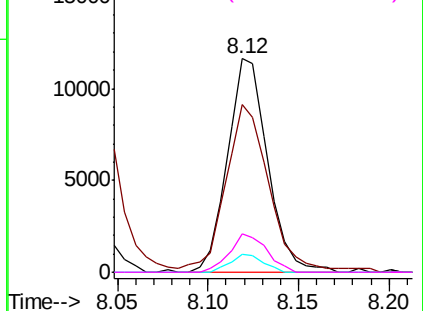


Abundance Ion 70.00 (69.70 to 70.70): BM

Ion 42.00 (41.70 to 42.70): BM

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#16

4-Methylphenol

Concen: 3.306 ng/ul

RT: 8.10 min Scan# 912

Delta R.T. -0.00 min

Lab File: BM026773.D

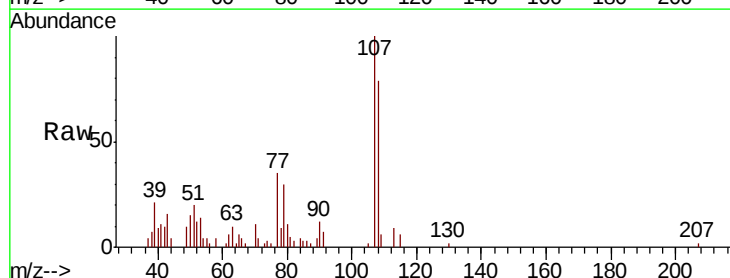
Acq: 15 Jul 2020 12:46

Tgt Ion: 108 Resp: 18137

Ion Ratio Lower Upper

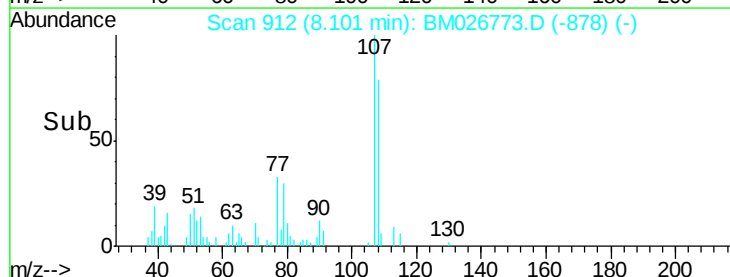
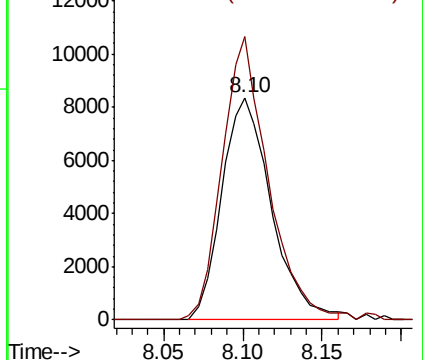
108 100

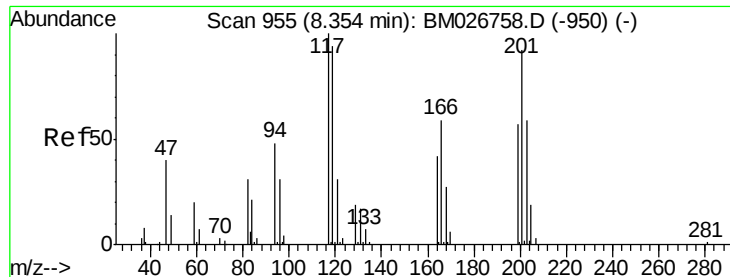
107 127.3 87.4 131.2



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

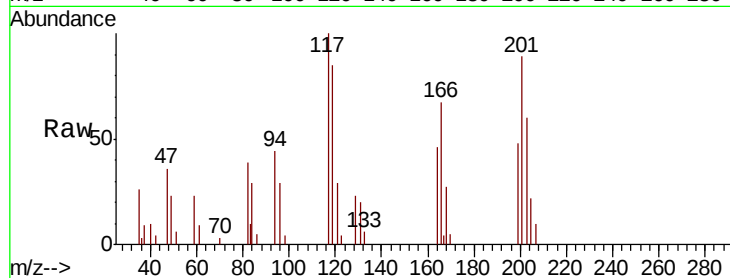




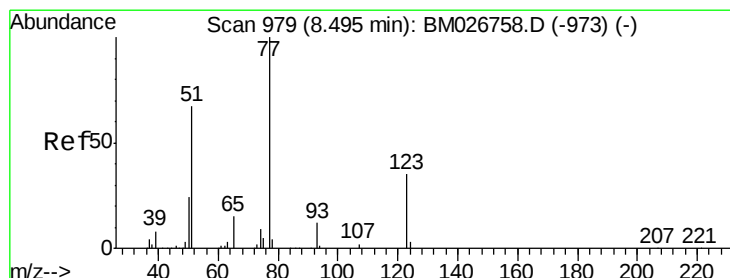
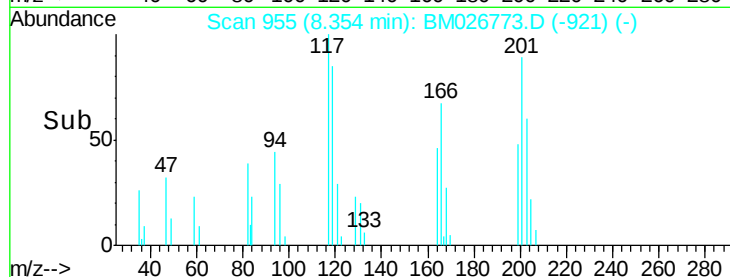
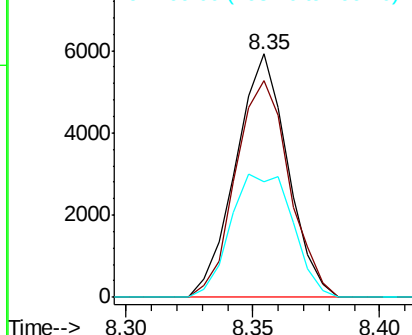
#17  
Hexachloroethane  
Concen: 3.589 ng/ul  
RT: 8.35 min Scan# 955  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

Tot Ion:117 Resp: 8465  
Ion Ratio Lower Upper  
117 100  
201 88.8 77.0 115.6  
199 47.5 51.1 76.7#

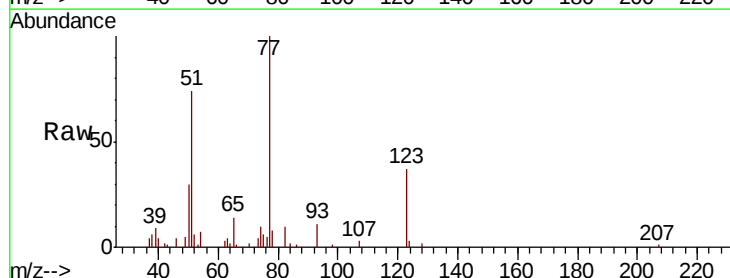


Abundance Ion 117.00 (116.70 to 117.70): E  
8000 Ion 201.00 (200.70 to 201.70): E  
Ion 199.00 (198.70 to 199.70): E

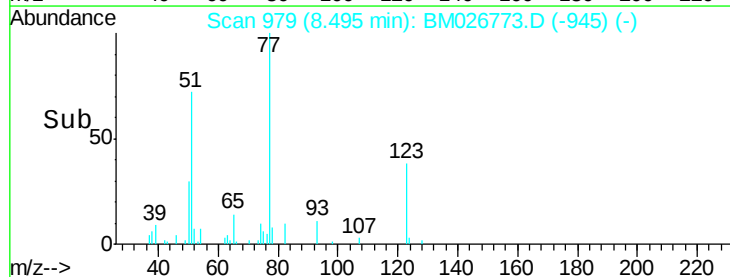
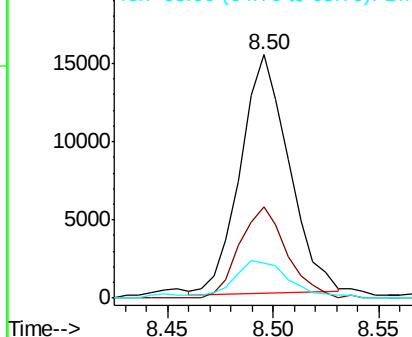


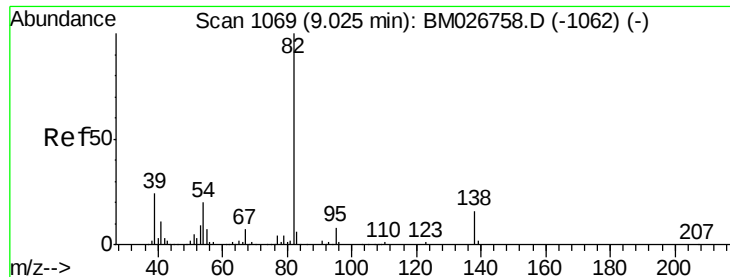
#20  
Nitrobenzene  
Concen: 3.501 ng/ul  
RT: 8.50 min Scan# 979  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion: 77 Resp: 24309  
Ion Ratio Lower Upper  
77 100  
123 37.4 29.8 44.8  
65 14.3 11.8 17.6



Abundance Ion 77.00 (76.70 to 77.70): BM0  
20000 Ion 123.00 (122.70 to 123.70): E  
Ion 65.00 (64.70 to 65.70): BM0

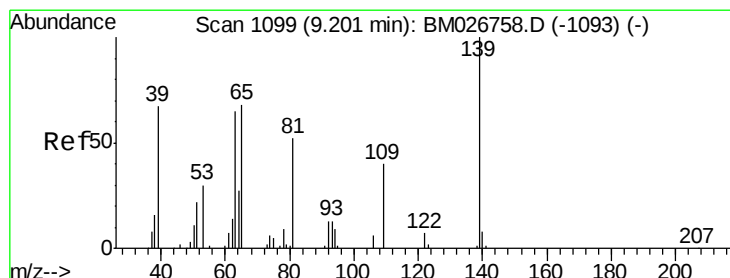
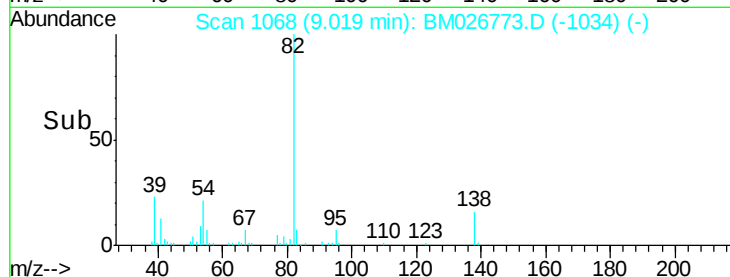
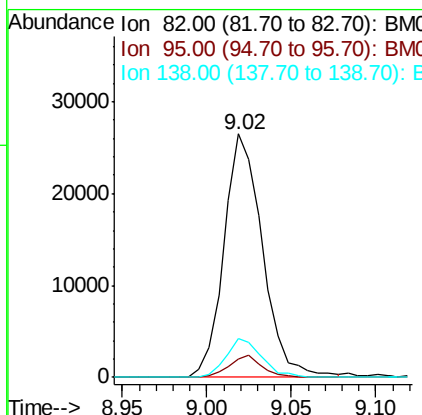
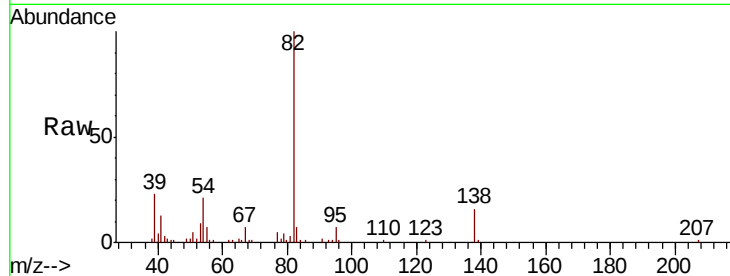




#21  
Isophorone  
Concen: 3.601 ng/ul  
RT: 9.02 min Scan# 1068  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

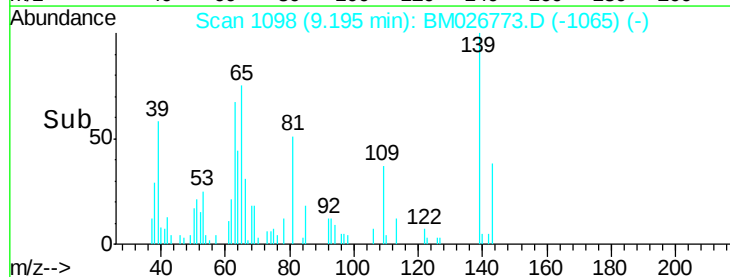
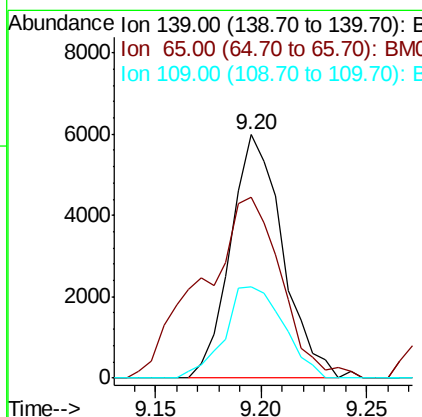
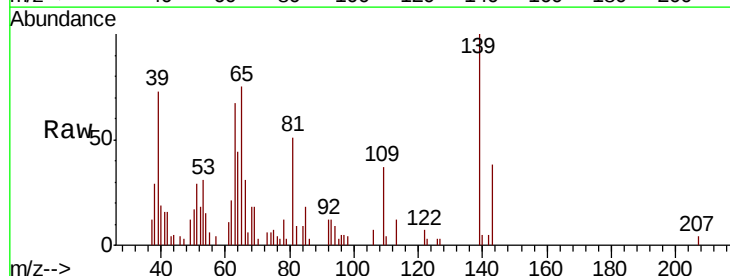
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

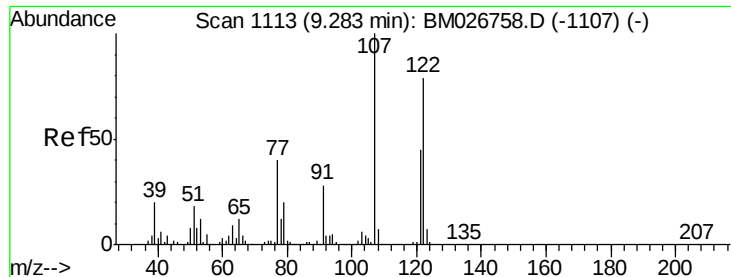
Tot Ion: 82 Resp: 42025  
Ion Ratio Lower Upper  
82 100  
95 7.4 6.4 9.6  
138 15.8 12.2 18.4



#23  
2-Nitrophenol  
Concen: 3.766 ng/ul  
RT: 9.20 min Scan# 1098  
Delta R.T. -0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion: 139 Resp: 10229  
Ion Ratio Lower Upper  
139 100  
65 74.5 55.0 82.6  
109 37.4 31.4 47.2





#24

2,4-Dimethylphenol

Concen: 3.337 ng/ul

RT: 9.28 min Scan# 1113

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

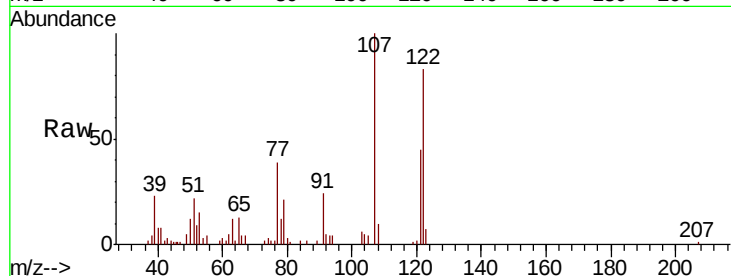
Tot Ion:107 Resp: 20876

Ion Ratio Lower Upper

107 100

121 45.2 38.1 57.1

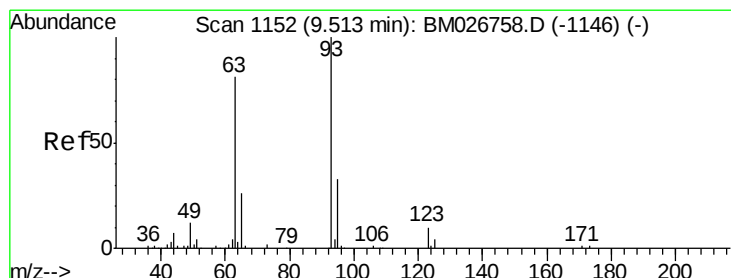
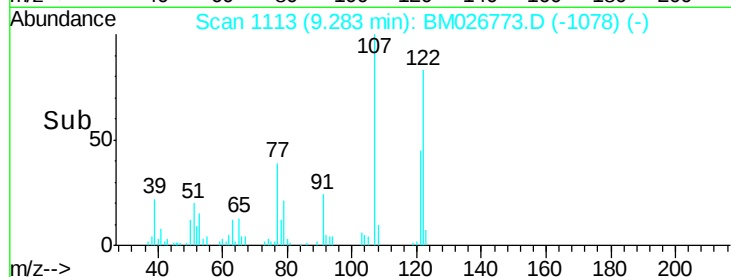
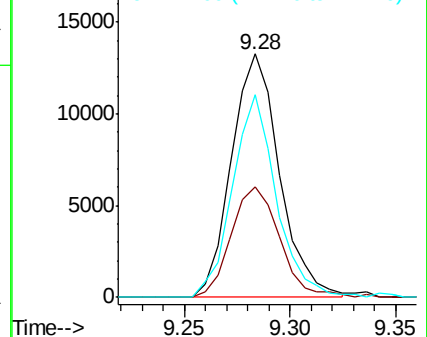
122 83.2 62.7 94.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

Ion 122.00 (121.70 to 122.70): E



#25

Bis(2-Chloroethoxy)methane

Concen: 3.590 ng/ul

RT: 9.51 min Scan# 1152

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

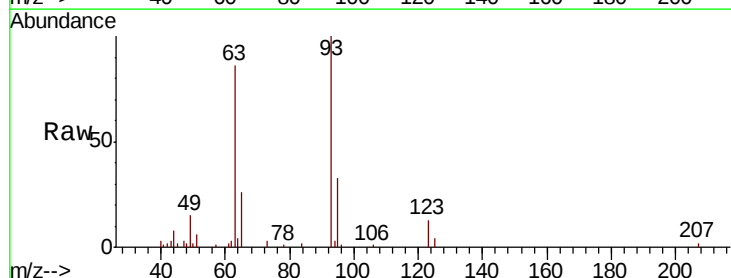
Tgt Ion: 93 Resp: 24912

Ion Ratio Lower Upper

93 100

95 33.0 24.4 36.6

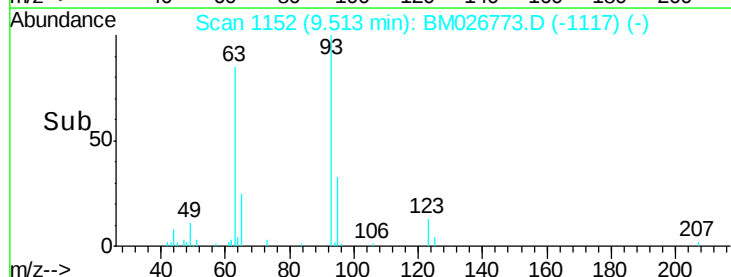
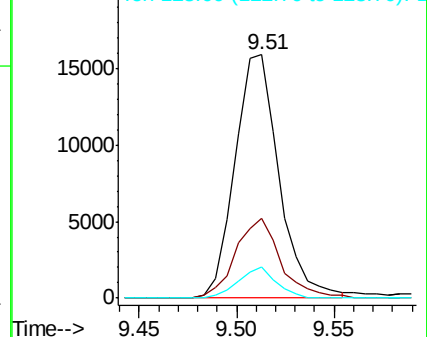
123 12.6 8.0 12.0#

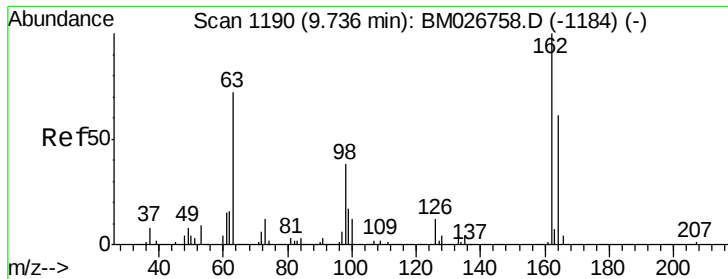


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

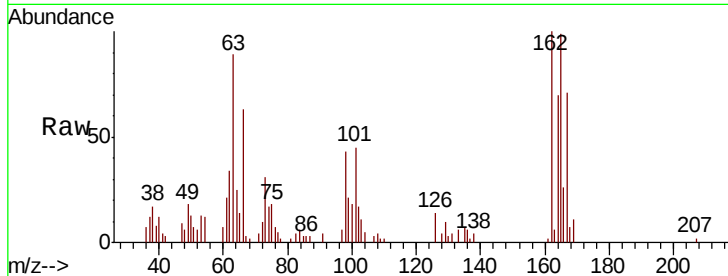




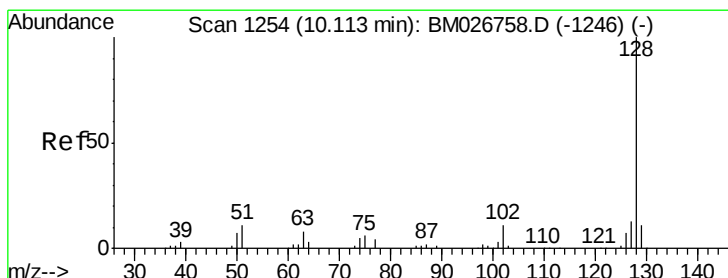
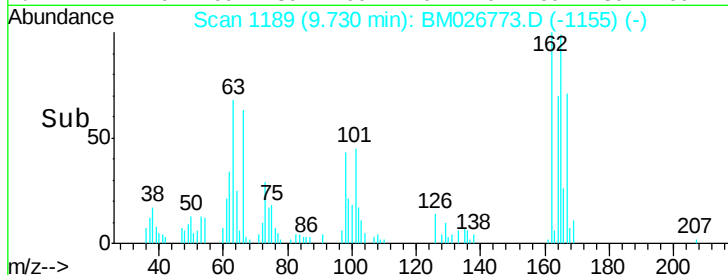
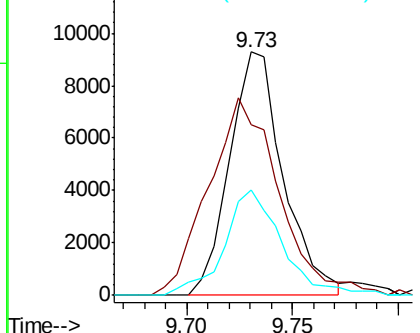
#27  
 2,4-Dichlorophenol  
 Concen: 3.461 ng/ul  
 RT: 9.73 min Scan# 1189  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:162 | Resp: | 16442     |
| Ion Ratio   | Lower | Upper     |
| 162         | 100   |           |
| 164         | 70.0  | 55.0 82.6 |
| 98          | 43.4  | 31.9 47.9 |

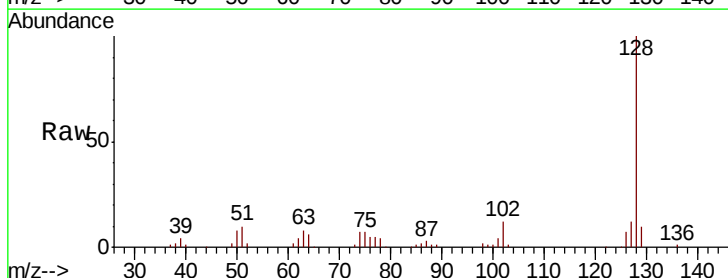


Abundance Ion 162.00 (161.70 to 162.70): E  
 Ion 164.00 (163.70 to 164.70): E  
 Ion 98.00 (97.70 to 98.70): BMO

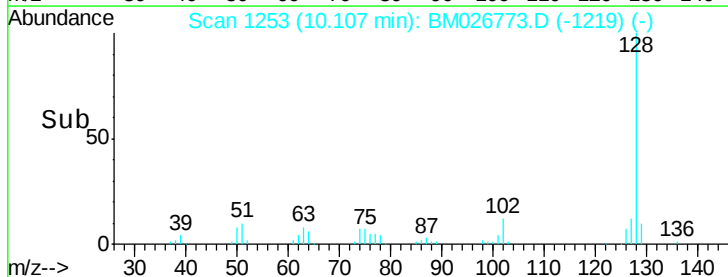
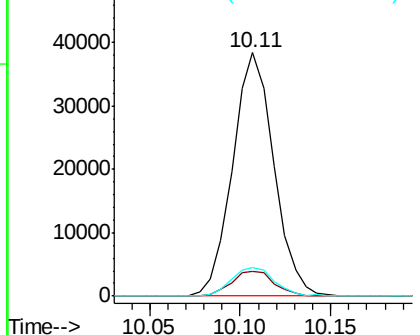


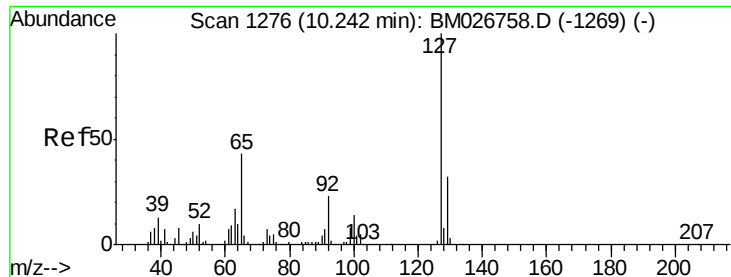
#28  
 Naphthalene  
 Concen: 3.681 ng/ul  
 RT: 10.11 min Scan# 1253  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:128 | Resp: | 60666     |
| Ion Ratio   | Lower | Upper     |
| 128         | 100   |           |
| 129         | 10.3  | 8.5 12.7  |
| 127         | 11.7  | 10.6 15.8 |



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

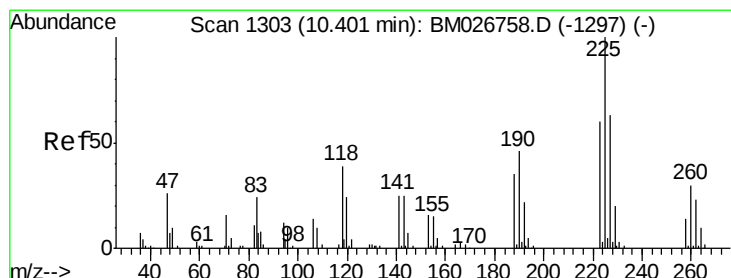
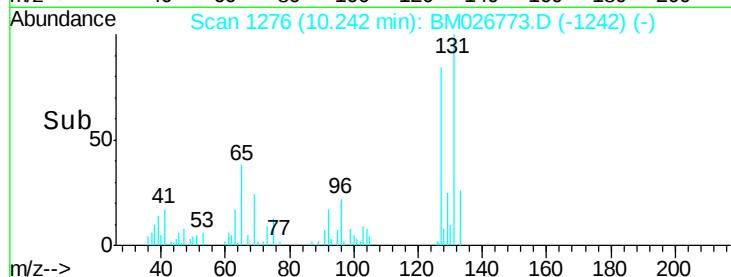
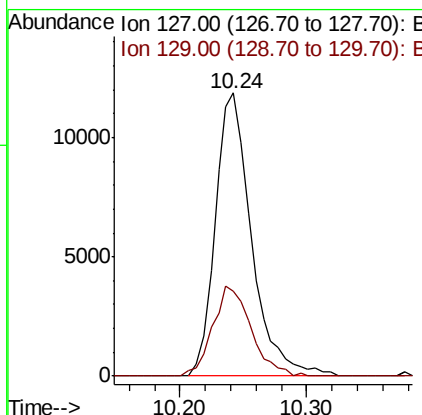
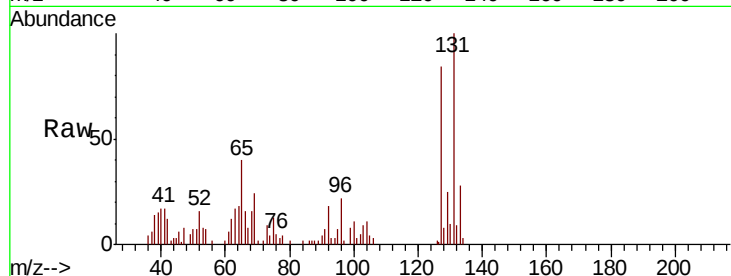




#30  
4-Chloroaniline  
Concen: 4.579 ng/ul  
RT: 10.24 min Scan# 1276  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

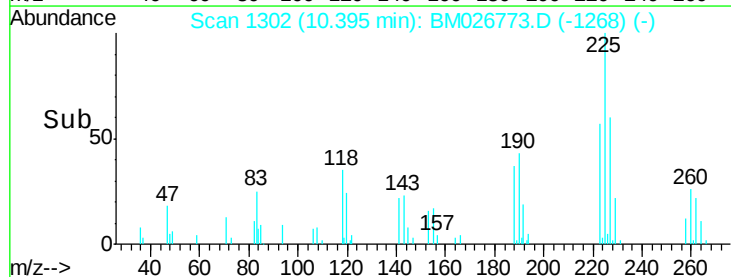
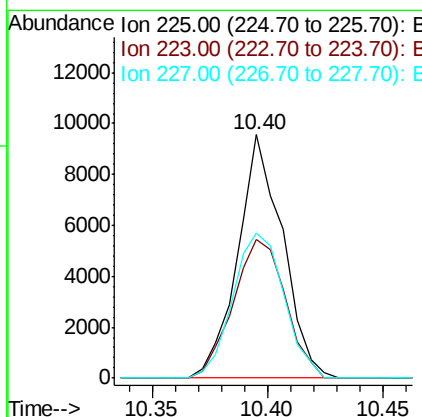
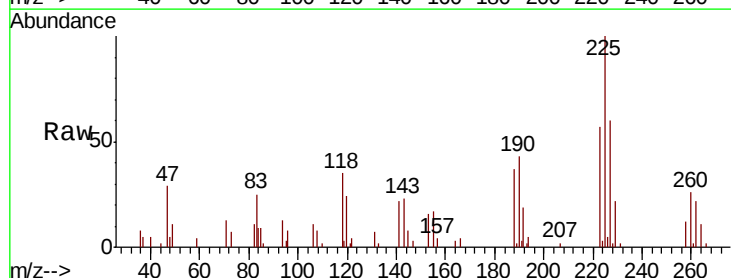
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

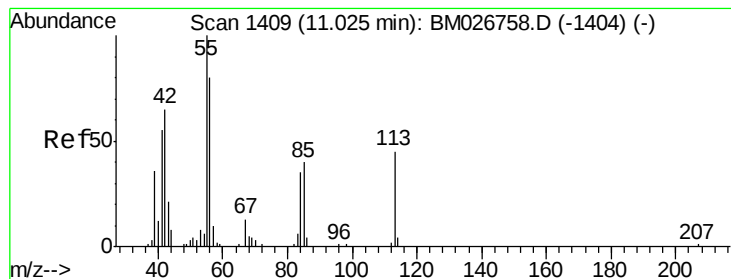
Tot Ion:127 Resp: 23553  
Ion Ratio Lower Upper  
127 100  
129 30.1 25.3 37.9



#31  
Hexachlorobutadiene  
Concen: 3.756 ng/ul  
RT: 10.40 min Scan# 1302  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:225 Resp: 12930  
Ion Ratio Lower Upper  
225 100  
223 56.9 49.7 74.5  
227 59.6 50.4 75.6





#32

Caprolactam

Concen: 1.890 ng/ul

RT: 11.07 min Scan# 1416

Delta R.T. 0.04 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

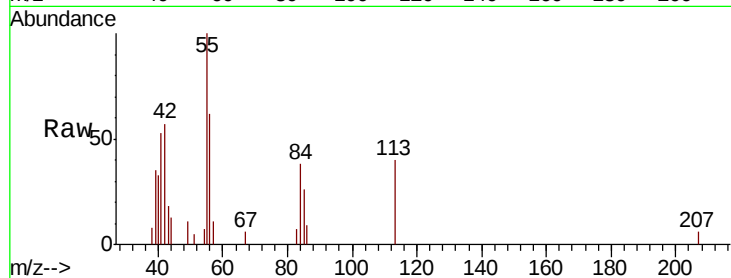
Tot Ion:113 Resp: 2480

Ion Ratio Lower Upper

113 100

55 251.2 179.9 269.9

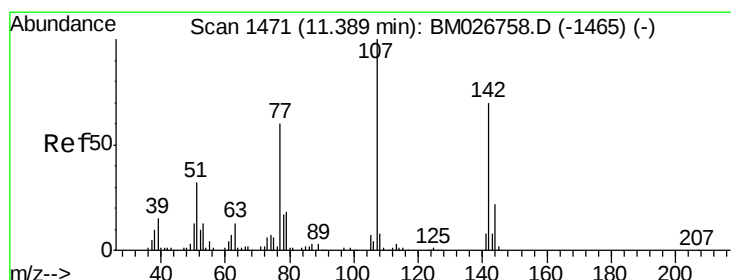
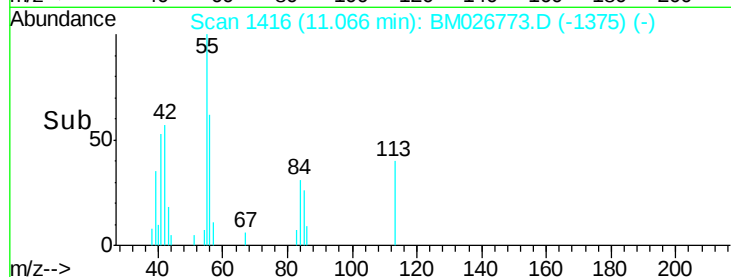
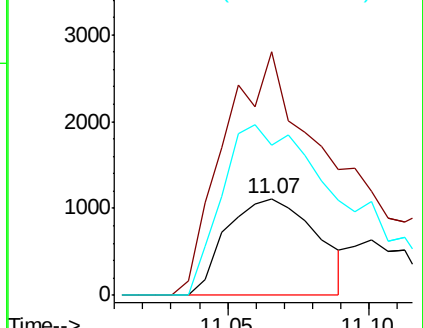
56 155.5 134.9 202.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#33

4-Chloro-3-methylphenol

Concen: 3.427 ng/ul

RT: 11.40 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

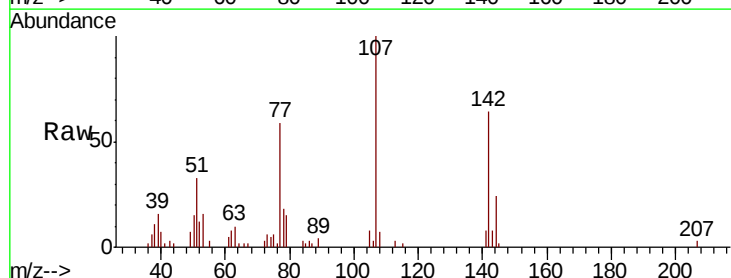
Tgt Ion:107 Resp: 18524

Ion Ratio Lower Upper

107 100

144 24.0 17.9 26.9

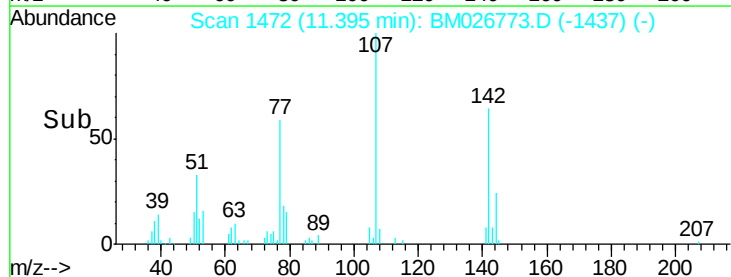
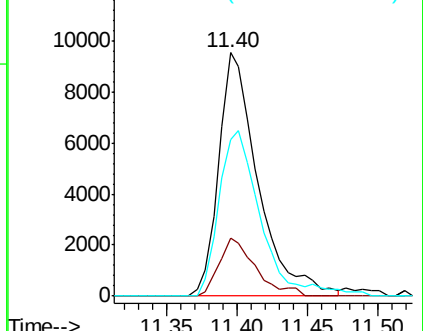
142 64.2 57.0 85.6

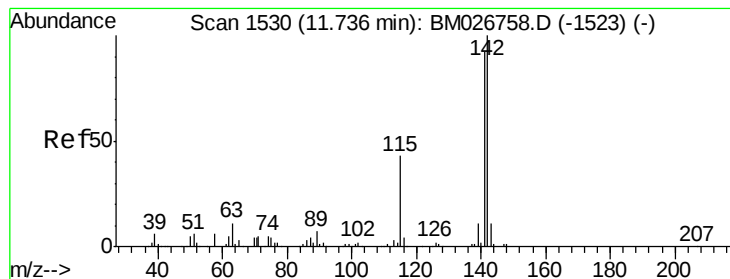


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#34

2-Methylnaphthalene

Concen: 3.548 ng/ul

RT: 11.74 min Scan# 1530

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

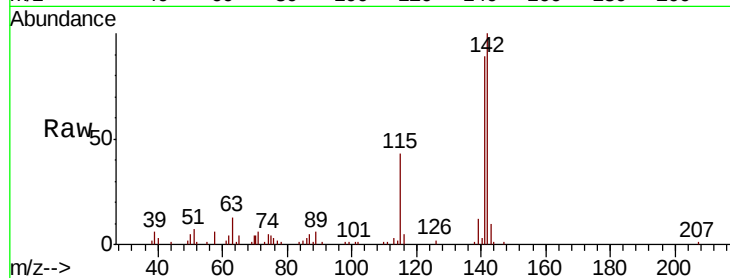
MDL-WATER-04

Tot Ion:142 Resp: 40954

Ion Ratio Lower Upper

142 100

141 89.2 69.9 104.9



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

11.74

25000

20000

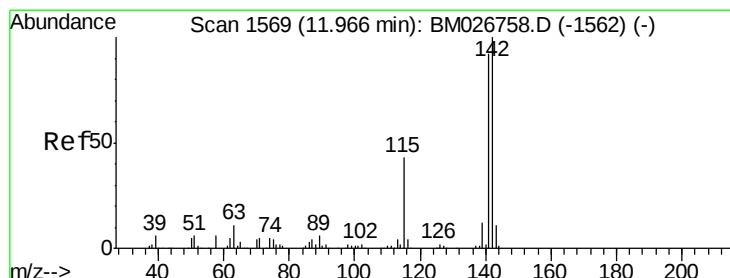
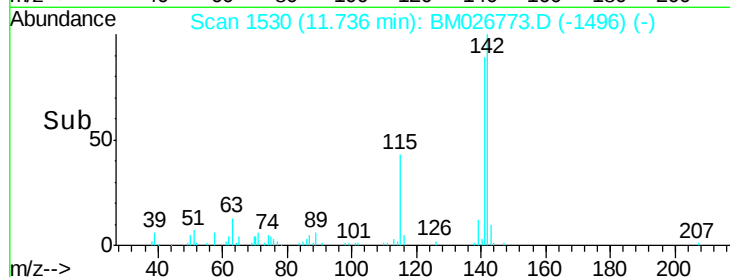
15000

10000

5000

0

Time-->



#35

1-Methylnaphthalene

Concen: 3.658 ng/ul

RT: 11.96 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

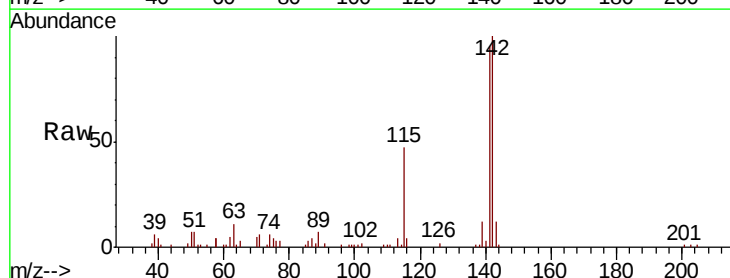
Tgt Ion:142 Resp: 39358

Ion Ratio Lower Upper

142 100

141 94.9 72.7 109.1

116 4.2 3.7 5.5



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

11.96

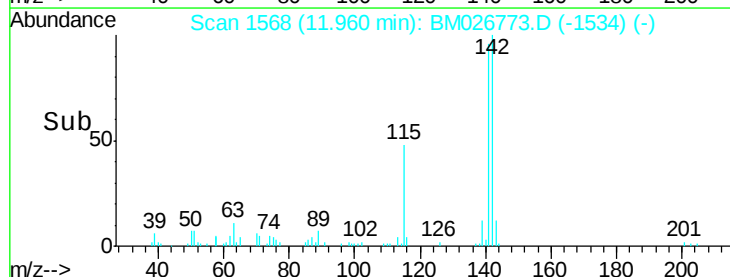
30000

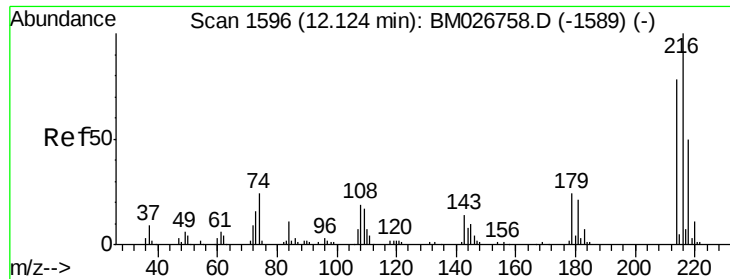
20000

10000

0

Time-->

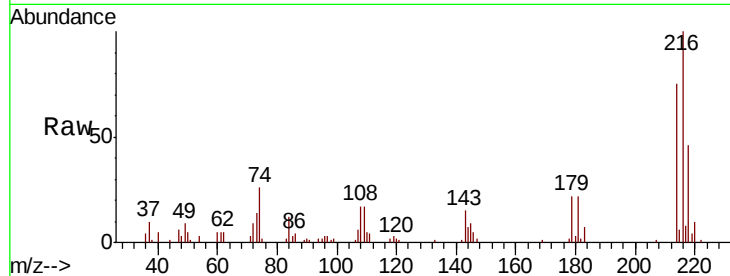




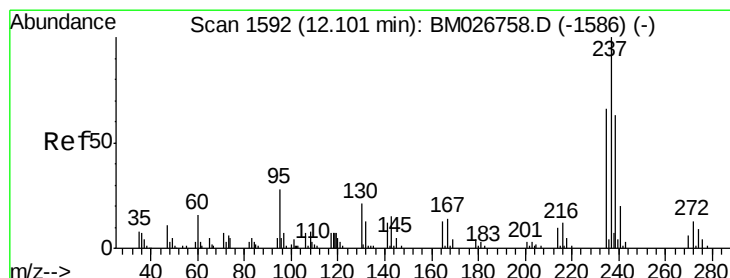
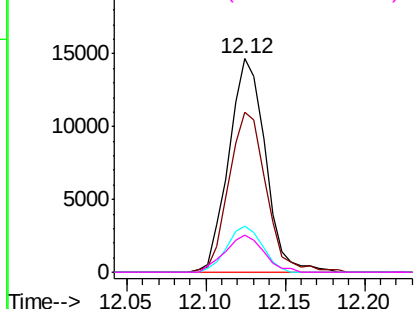
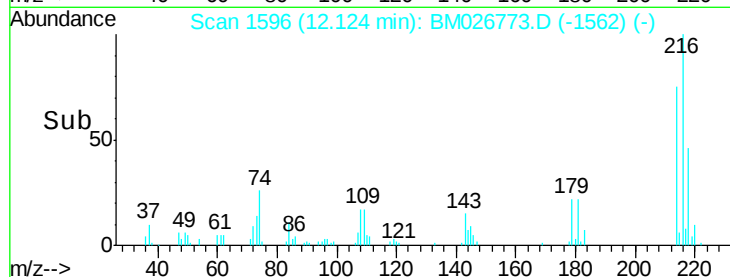
#37  
 1,2,4,5-Tetrachlorobenzene  
 Concen: 3.753 ng/ul  
 RT: 12.12 min Scan# 1596  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

|             |       |           |
|-------------|-------|-----------|
| Tot Ion:216 | Resp: | 23515     |
| Ion Ratio   | Lower | Upper     |
| 216         | 100   |           |
| 214         | 74.9  | 61.5 92.3 |
| 179         | 21.7  | 17.4 26.2 |
| 108         | 17.1  | 15.0 22.6 |

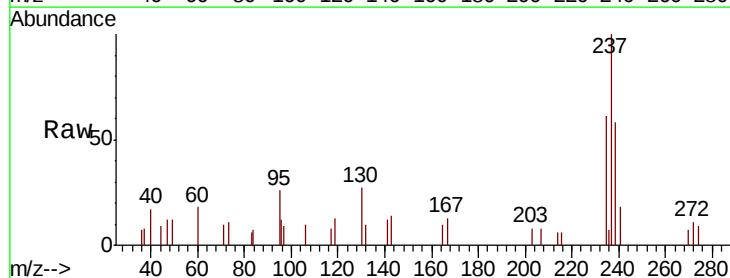


Abundance Ion 216.00 (215.70 to 216.70): E  
 Ion 214.00 (213.70 to 214.70): E  
 Ion 179.00 (178.70 to 179.70): E  
 Ion 108.00 (107.70 to 108.70): E

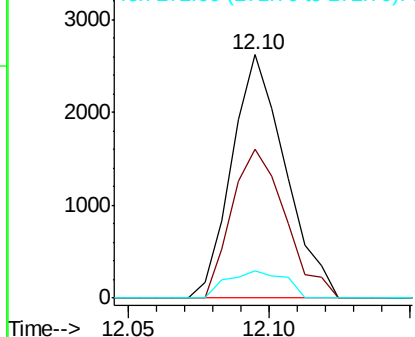
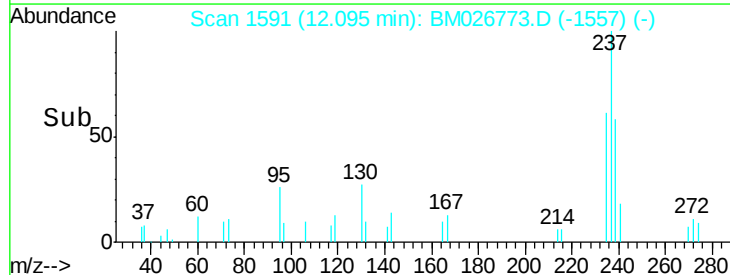


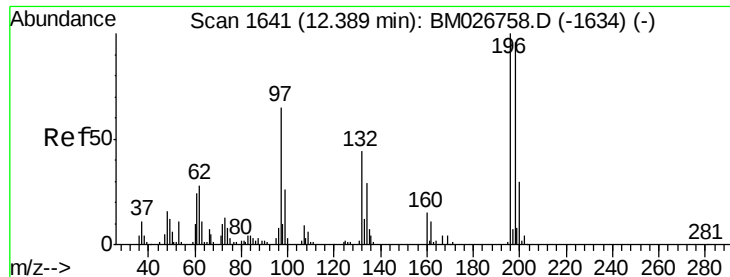
#38  
 Hexachlorocyclopentadiene  
 Concen: 1.081 ng/ul  
 RT: 12.10 min Scan# 1591  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

|             |       |           |
|-------------|-------|-----------|
| Tgt Ion:237 | Resp: | 3456      |
| Ion Ratio   | Lower | Upper     |
| 237         | 100   |           |
| 235         | 61.3  | 50.2 75.4 |
| 272         | 11.1  | 10.1 15.1 |



Abundance Ion 237.00 (236.70 to 237.70): E  
 Ion 235.00 (234.70 to 235.70): E  
 Ion 272.00 (271.70 to 272.70): E

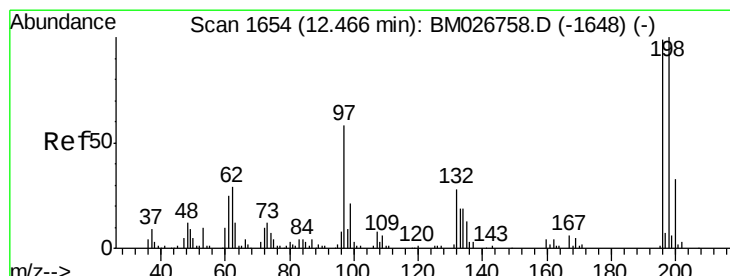
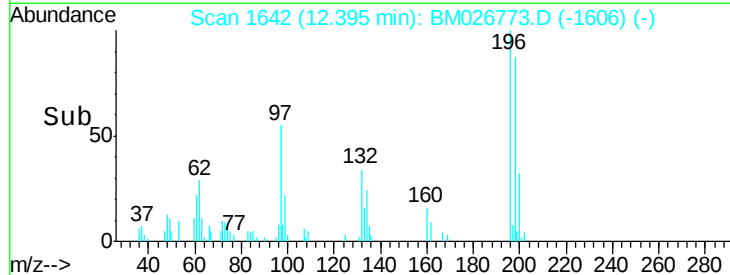
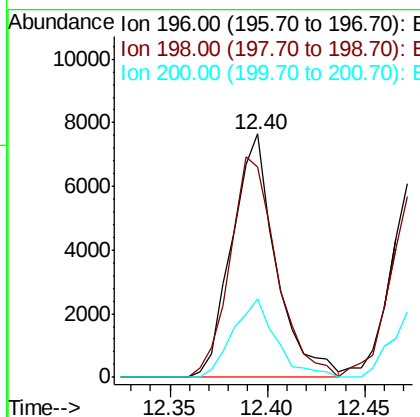
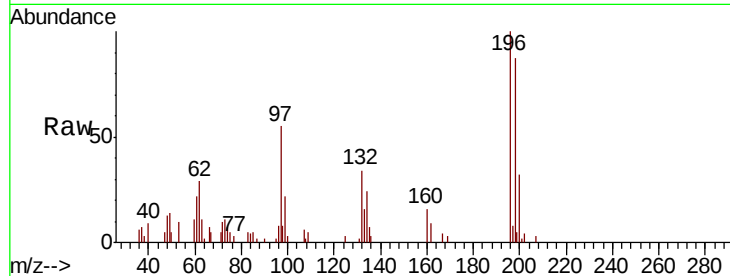




#39  
 2,4,6-Trichlorophenol  
 Concen: 3.233 ng/ul  
 RT: 12.40 min Scan# 1642  
 Delta R.T. 0.01 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

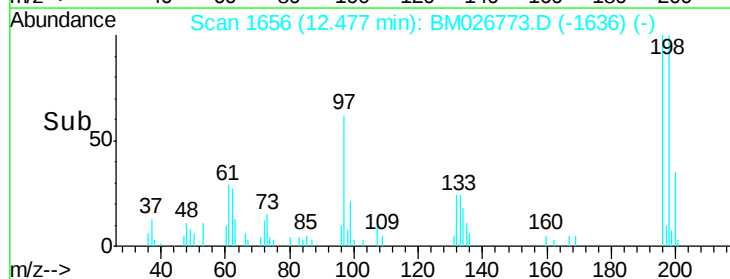
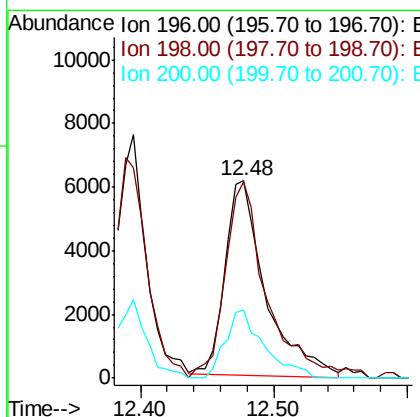
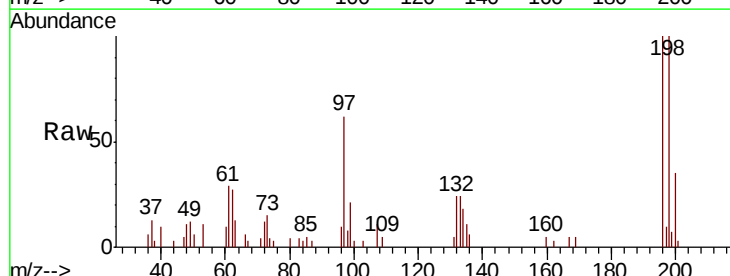
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

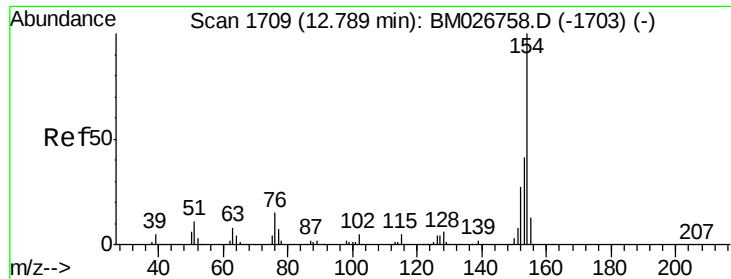
Tot Ion:196 Resp: 11956  
 Ion Ratio Lower Upper  
 196 100  
 198 86.6 79.8 119.6  
 200 32.2 25.2 37.8



#40  
 2,4,5-Trichlorophenol  
 Concen: 3.233 ng/ul  
 RT: 12.48 min Scan# 1656  
 Delta R.T. 0.02 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Tgt Ion:196 Resp: 13075  
 Ion Ratio Lower Upper  
 196 100  
 198 99.8 72.4 108.6  
 200 34.6 23.8 35.8

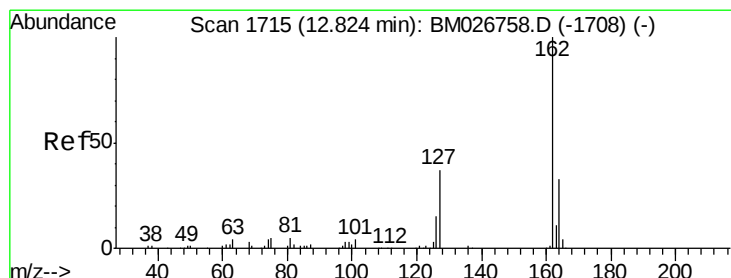
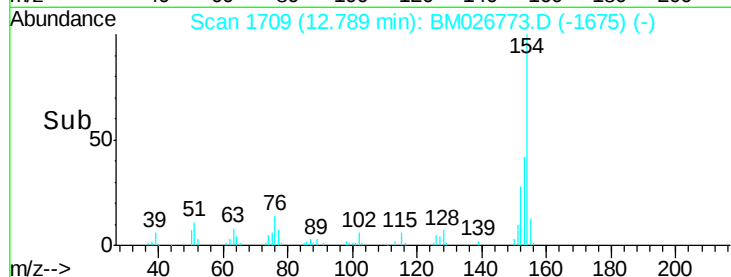
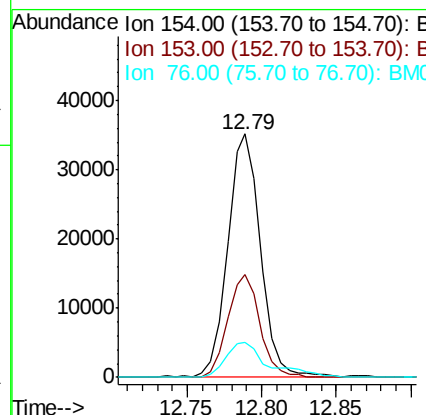
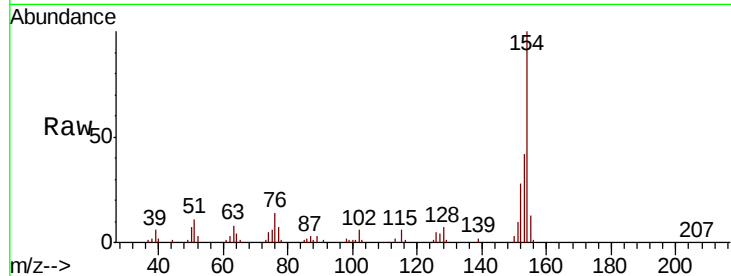




#41  
 1,1'-Biphenyl  
 Concen: 3.619 ng/ul  
 RT: 12.79 min Scan# 1709  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

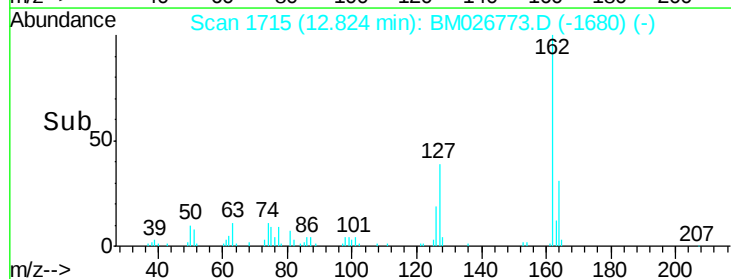
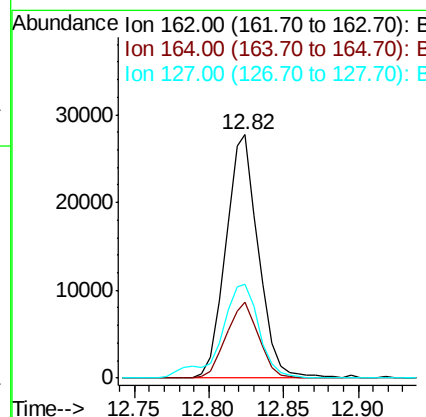
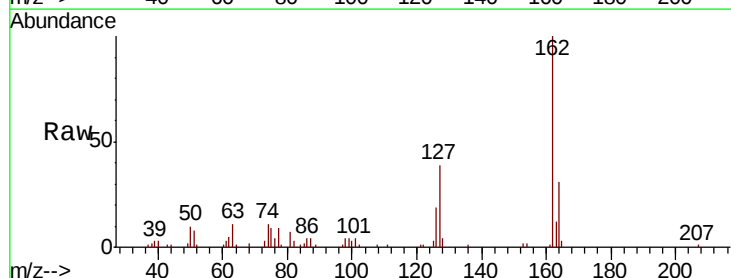
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

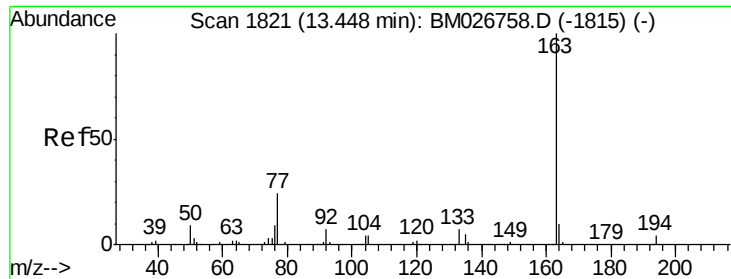
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 154     | 100   |       |       |
| 153     | 42.4  | 32.9  | 49.3  |
| 76      | 14.5  | 11.7  | 17.5  |



#42  
 2-Chloronaphthalene  
 Concen: 3.611 ng/ul  
 RT: 12.82 min Scan# 1715  
 Delta R.T. 0.01 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 162     | 100   |       |       |
| 164     | 31.4  | 26.9  | 40.3  |
| 127     | 38.7  | 33.6  | 50.4  |

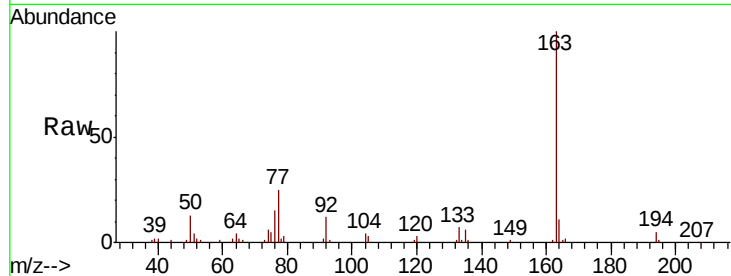




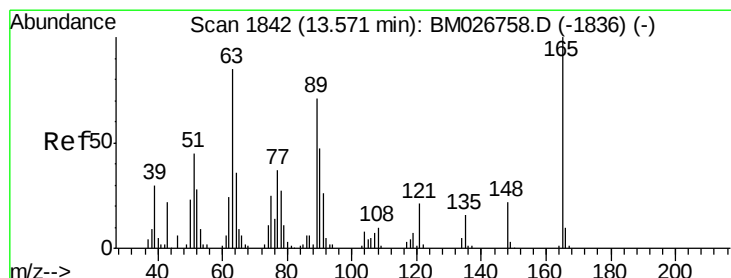
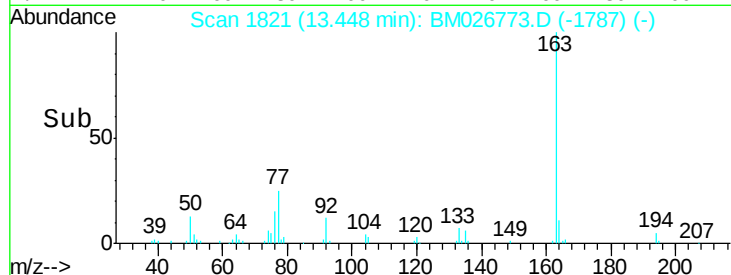
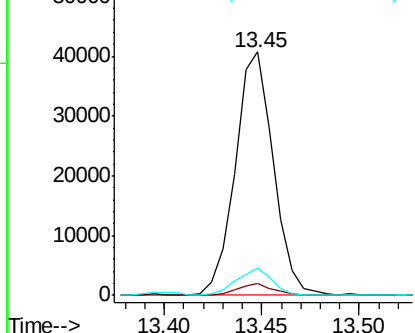
#45  
Dimethylphthalate  
Concen: 3.829 ng/ul  
RT: 13.45 min Scan# 1821  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

Tot Ion:163 Resp: 55112  
Ion Ratio Lower Upper  
163 100  
194 4.7 3.5 5.3  
164 11.1 7.8 11.6

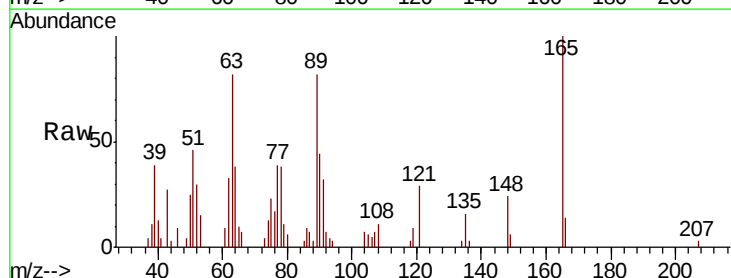


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

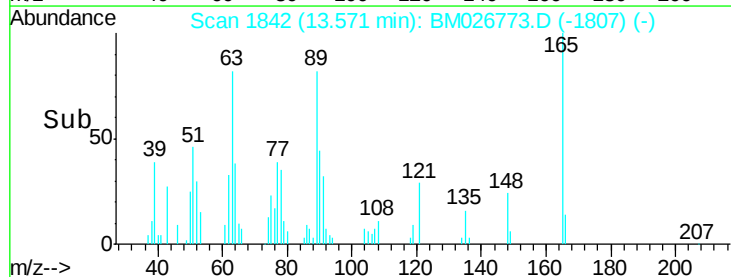
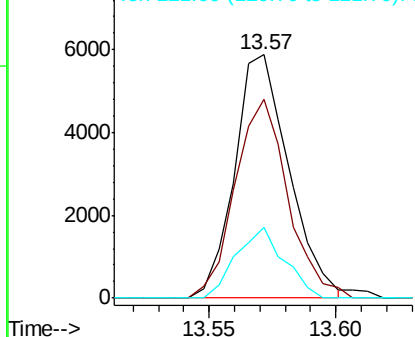


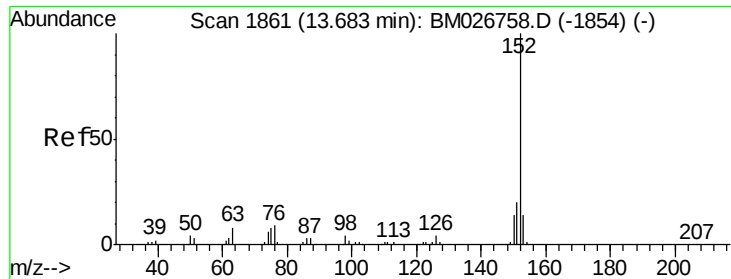
#46  
2,6-Dinitrotoluene  
Concen: 3.152 ng/ul  
RT: 13.57 min Scan# 1842  
Delta R.T. 0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:165 Resp: 8768  
Ion Ratio Lower Upper  
165 100  
89 81.7 54.2 81.4#  
121 29.0 18.2 27.4#



Abundance Ion 165.00 (164.70 to 165.70): E  
Ion 89.00 (88.70 to 89.70): BM0  
Ion 121.00 (120.70 to 121.70): E





#48

Acenaphthylene

Concen: 3.589 ng/ul

RT: 13.68 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

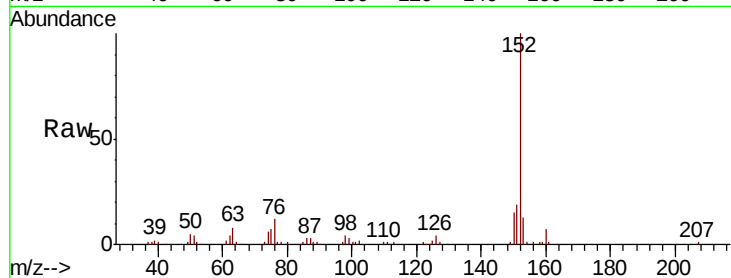
Tot Ion:152 Resp: 63868

Ion Ratio Lower Upper

152 100

151 19.4 15.0 22.6

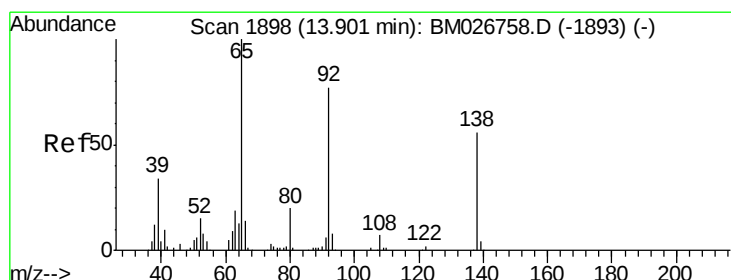
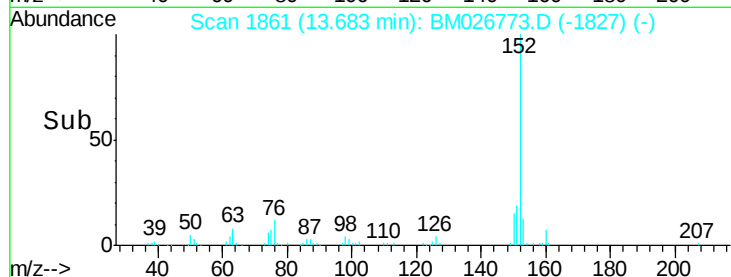
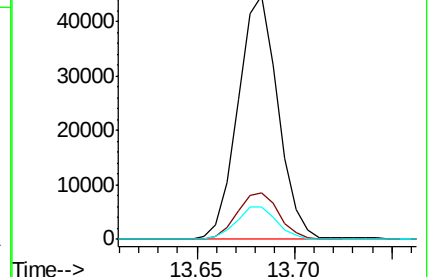
153 13.2 10.6 16.0



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



#49

3-Nitroaniline

Concen: 2.996 ng/ul

RT: 13.91 min Scan# 1900

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

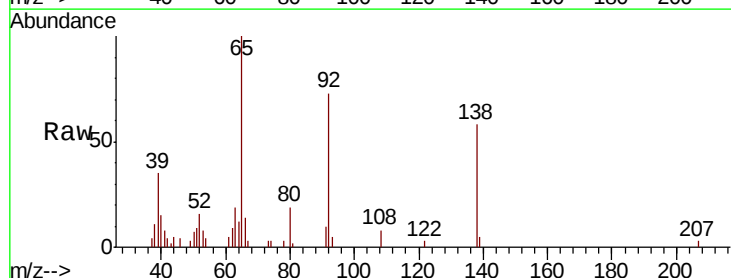
Tgt Ion:138 Resp: 6926

Ion Ratio Lower Upper

138 100

108 13.9 10.6 16.0

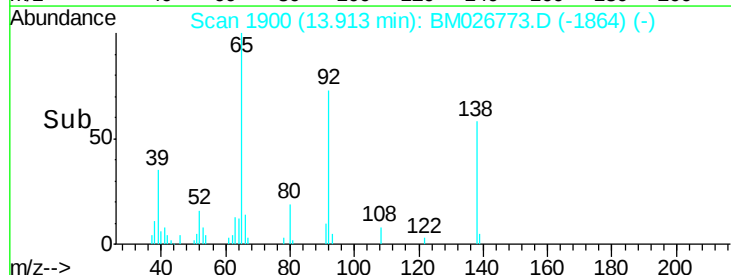
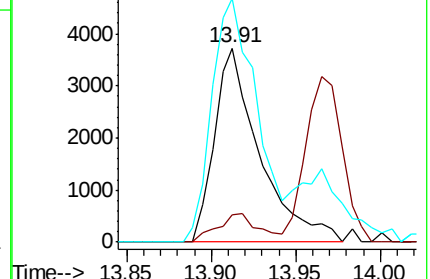
92 125.5 108.6 162.8

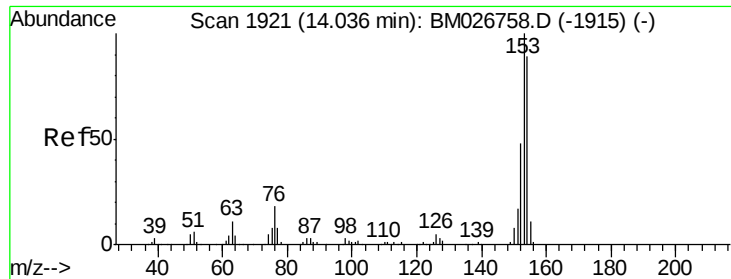


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#50

Acenaphthene

Concen: 3.658 ng/ul

RT: 14.03 min Scan# 1920

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

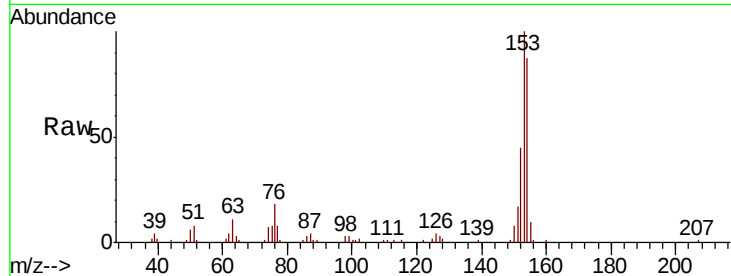
Tot Ion:153 Resp: 46000

Ion Ratio Lower Upper

153 100

152 44.8 37.7 56.5

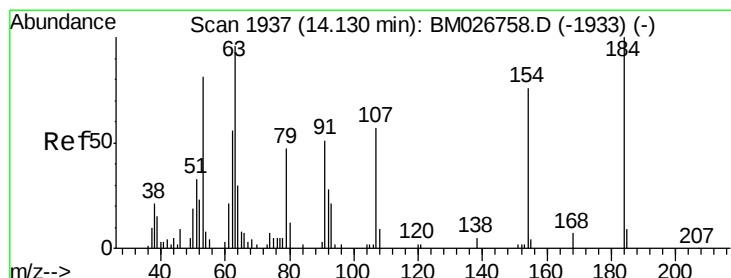
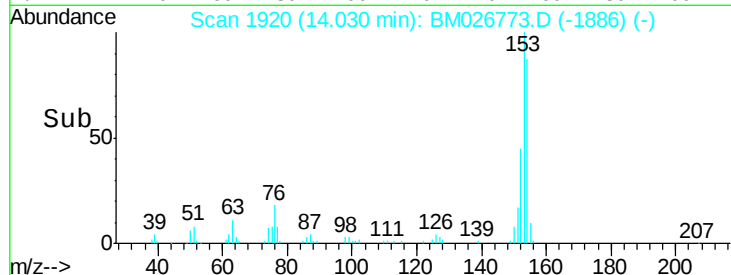
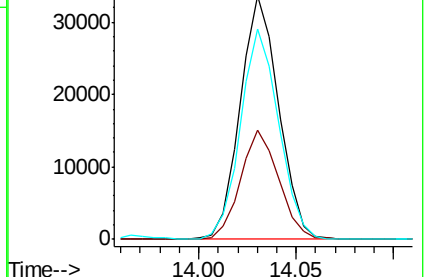
154 86.6 71.3 106.9



Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#51

2,4-Dinitrophenol

Concen: 2.070 ng/ul

RT: 14.14 min Scan# 1939

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

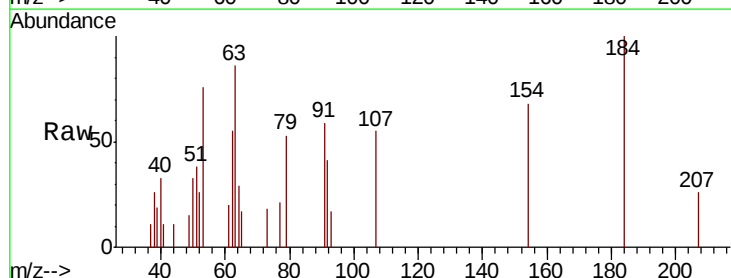
Tgt Ion:184 Resp: 2992

Ion Ratio Lower Upper

184 100

63 86.3 74.6 111.8

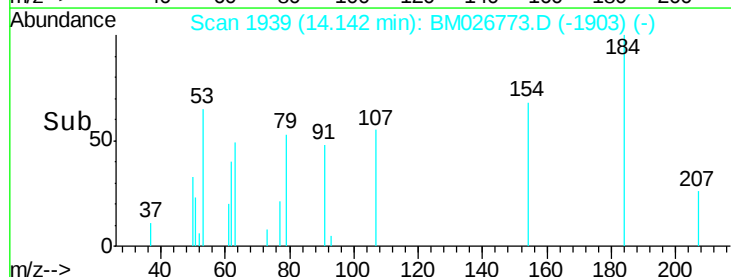
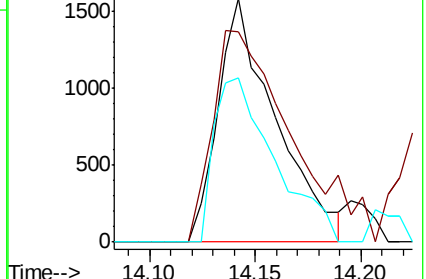
154 67.7 58.8 88.2

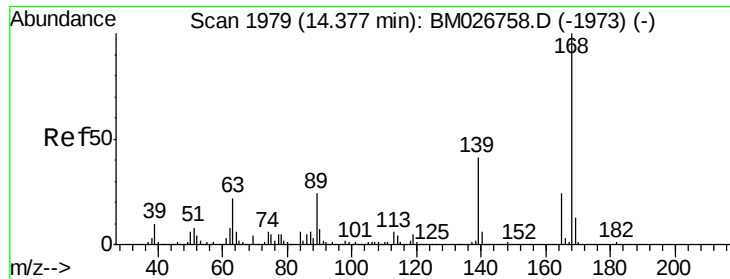


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E





#54

Dibenzofuran

Concen: 3.638 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

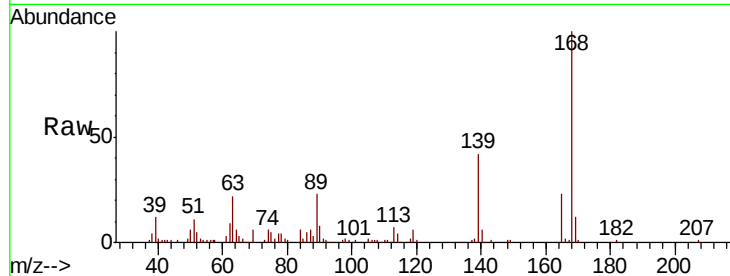
MDL-WATER-04

Tot Ion:168 Resp: 64918

Ion Ratio Lower Upper

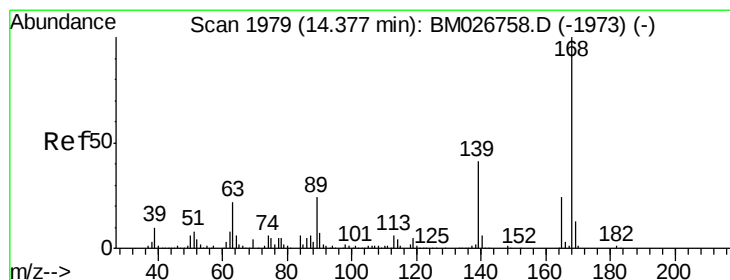
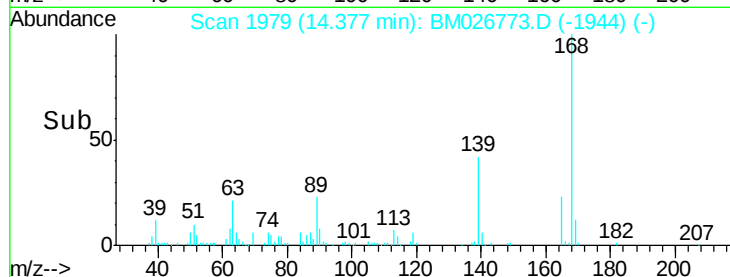
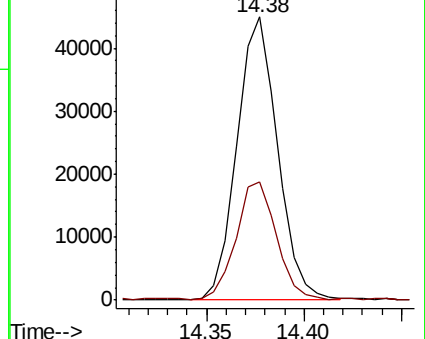
168 100

139 41.6 31.1 46.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#55

2,4-Dinitrotoluene

Concen: 3.403 ng/ul

RT: 14.38 min Scan# 1979

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

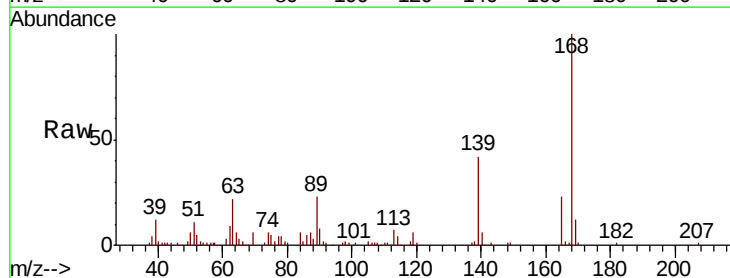
Tgt Ion:165 Resp: 14077

Ion Ratio Lower Upper

165 100

63 97.3 65.3 97.9

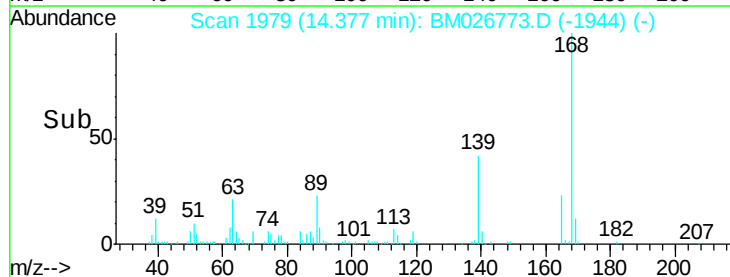
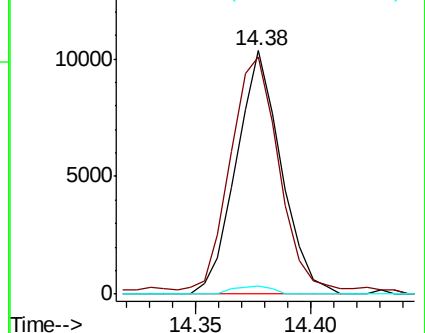
182 3.6 2.2 3.4#

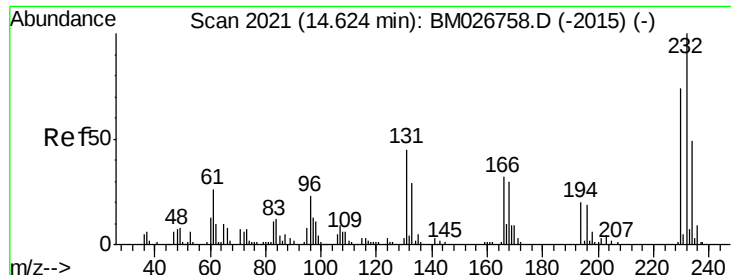


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 182.00 (181.70 to 182.70): E

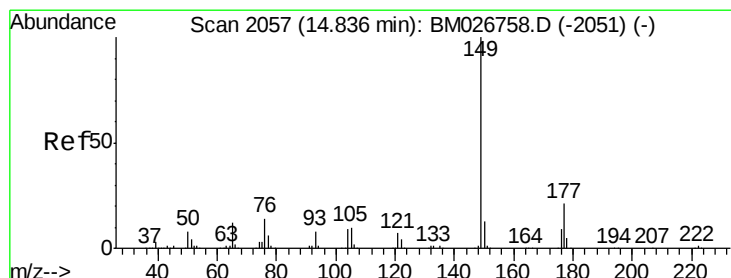
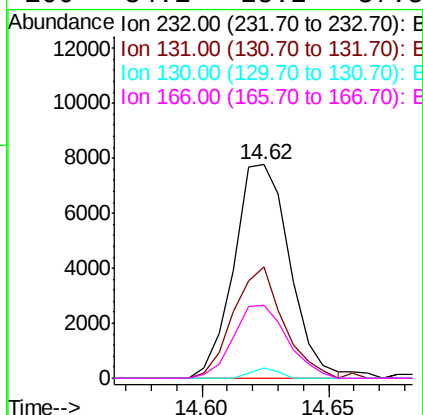
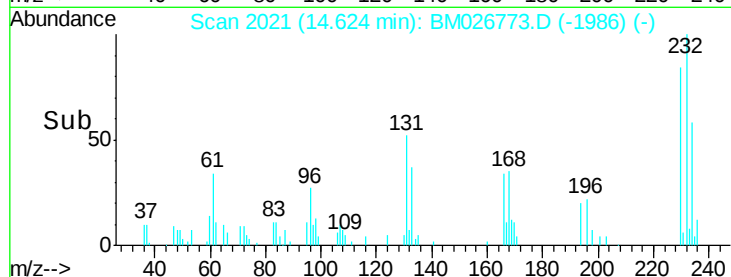
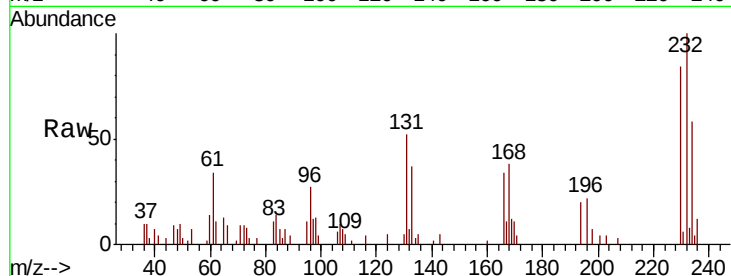




#56  
 2,3,4,6-Tetrachlorophenol  
 Concen: 3.394 ng/ul  
 RT: 14.62 min Scan# 2021  
 Delta R.T. 0.01 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

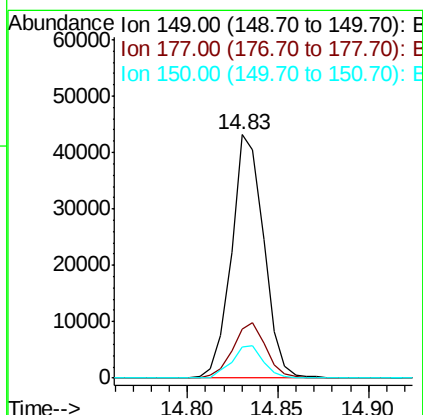
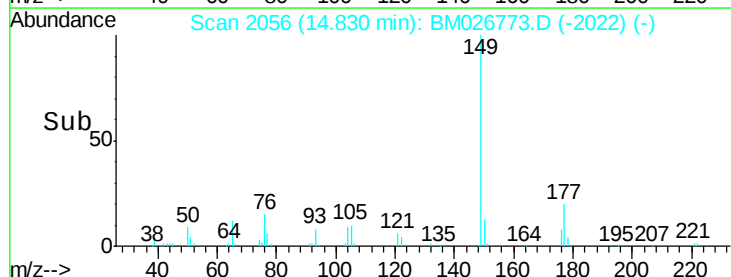
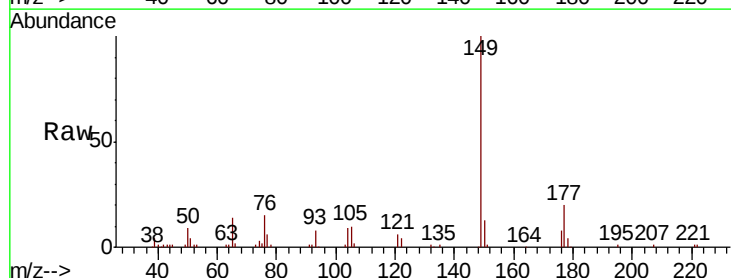
Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

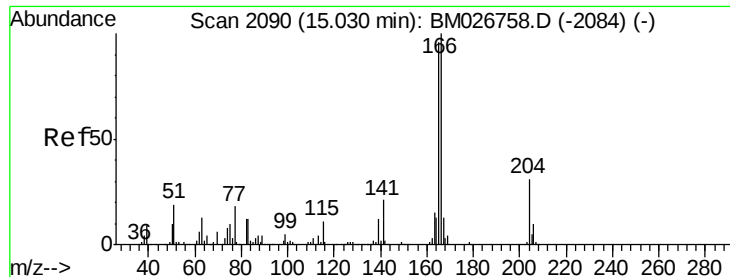
Tot Ion:232 Resp: 11818  
 Ion Ratio Lower Upper  
 232 100  
 131 52.2 33.4 50.0#  
 130 4.5 2.2 3.2#  
 166 34.1 25.2 37.8



#57  
 Diethylphthalate  
 Concen: 3.699 ng/ul  
 RT: 14.83 min Scan# 2056  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Tgt Ion:149 Resp: 53507  
 Ion Ratio Lower Upper  
 149 100  
 177 20.4 16.6 25.0  
 150 12.6 10.0 15.0





#59

Fluorene

Concen: 3.558 ng/ul

RT: 15.03 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

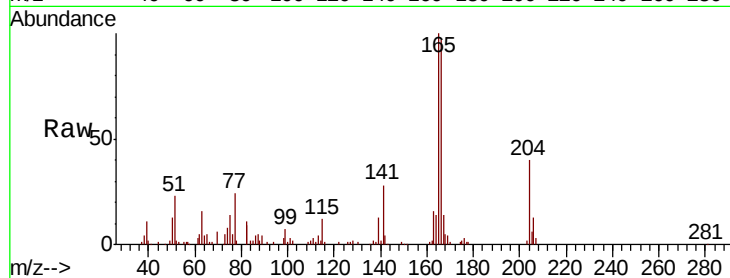
Tot Ion:166 Resp: 51870

Ion Ratio Lower Upper

166 100

165 102.9 77.0 115.4

167 14.2 10.7 16.1

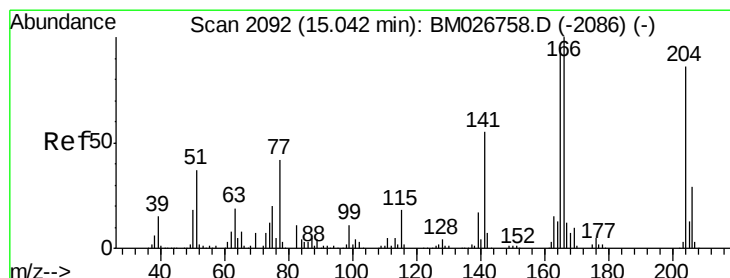
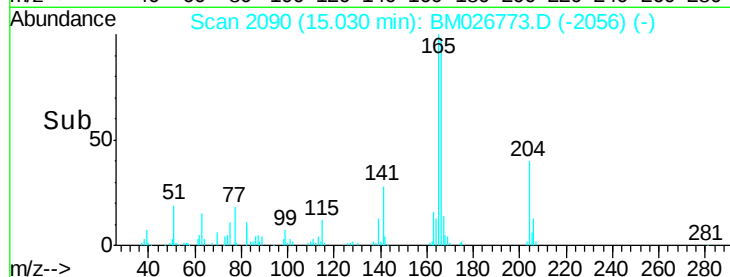
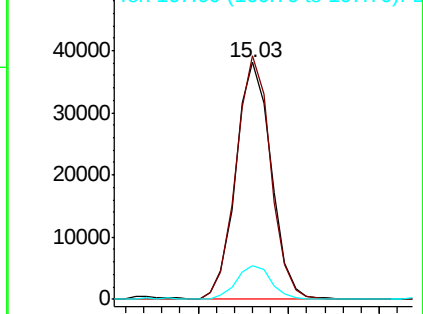


Abundance

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



#60

4-Chlorophenyl-phenylether

Concen: 3.648 ng/ul

RT: 15.04 min Scan# 2091

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

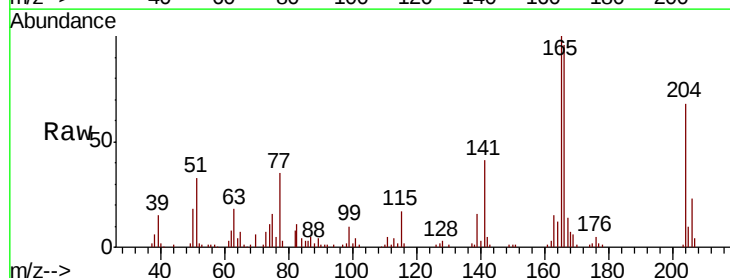
Tgt Ion:204 Resp: 27640

Ion Ratio Lower Upper

204 100

206 33.2 25.3 37.9

141 60.4 50.3 75.5

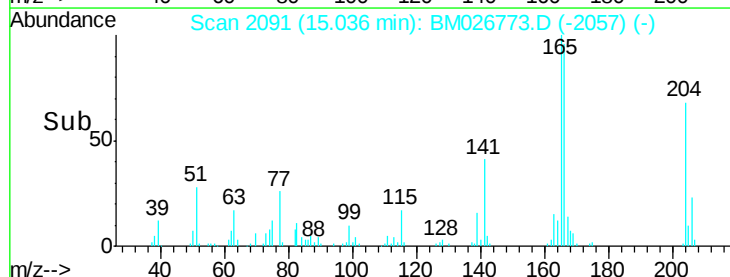
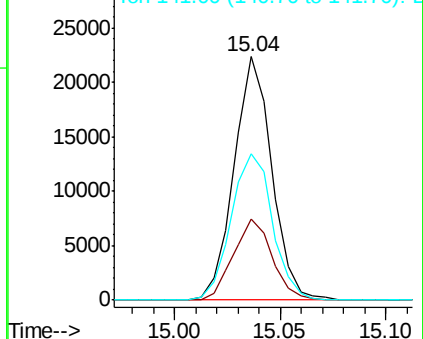


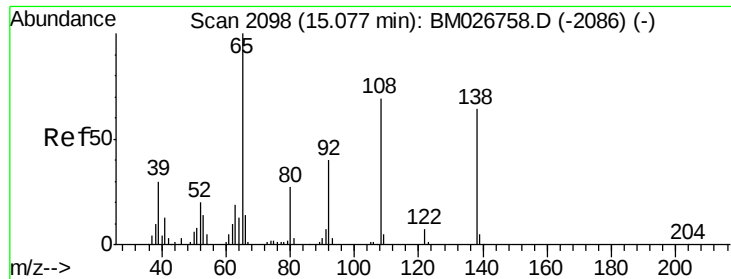
Abundance

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

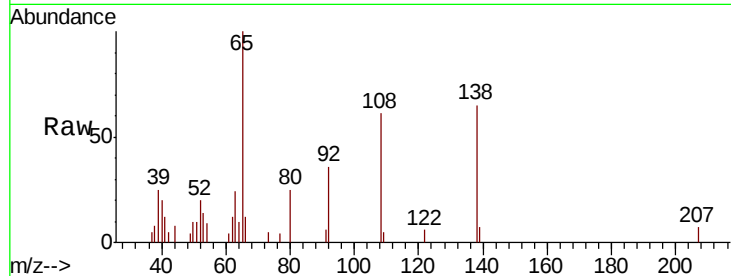




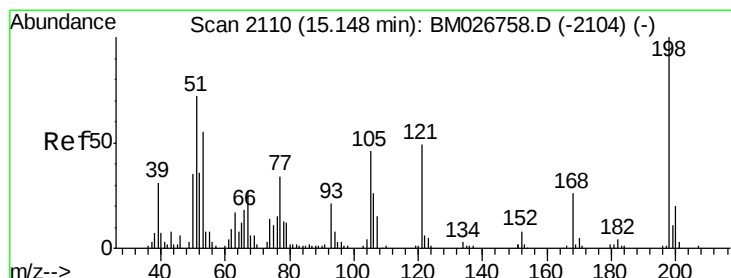
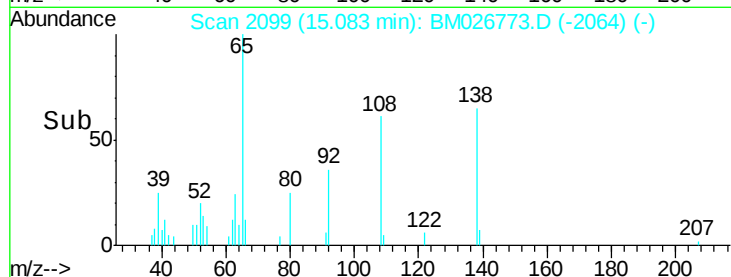
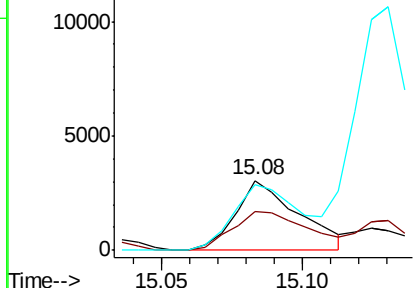
#61  
4-Nitroaniline  
Concen: 1.803 ng/ul  
RT: 15.08 min Scan# 2099  
Delta R.T. 0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

Tot Ion:138 Resp: 4715  
Ion Ratio Lower Upper  
138 100  
92 55.6 47.7 71.5  
108 93.8 82.6 123.8

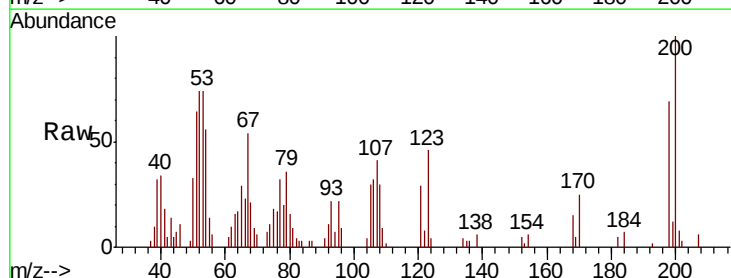


Abundance Ion 138.00 (137.70 to 138.70): E  
Ion 92.00 (91.70 to 92.70): BM0  
Ion 108.00 (107.70 to 108.70): E

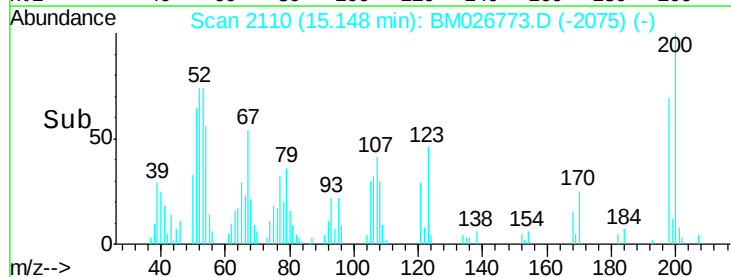
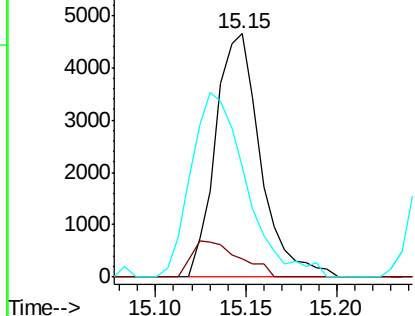


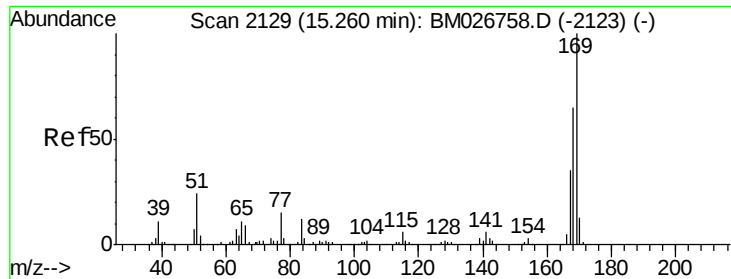
#64  
4,6-Dinitro-2-methylphenol  
Concen: 3.447 ng/ul  
RT: 15.15 min Scan# 2110  
Delta R.T. 0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:198 Resp: 8032  
Ion Ratio Lower Upper  
198 100  
182 7.4 4.0 6.0#  
77 45.6 26.7 40.1#



Abundance Ion 198.00 (197.70 to 198.70): E  
Ion 182.00 (181.70 to 182.70): E  
Ion 77.00 (76.70 to 77.70): BM0

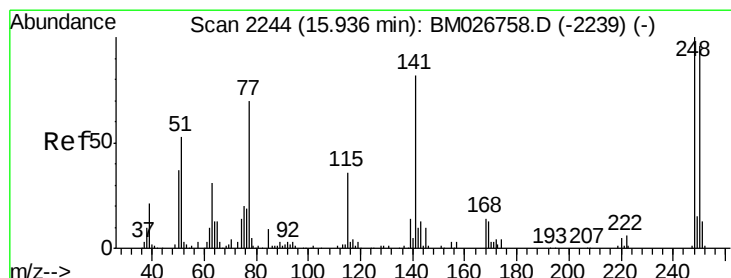
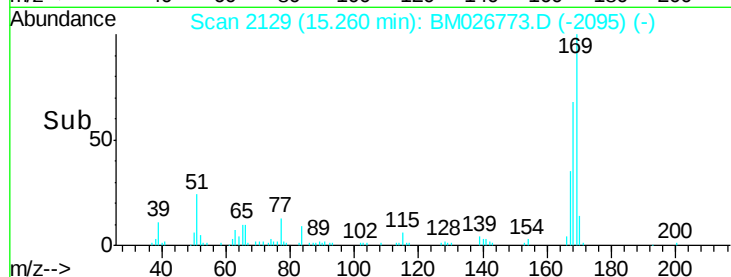
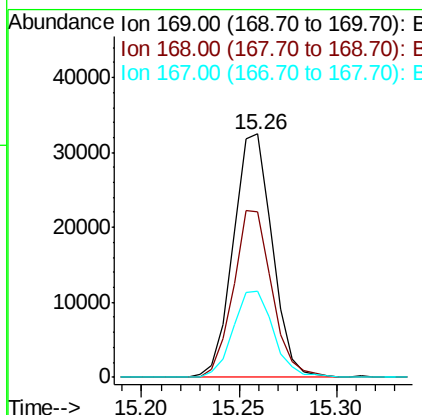
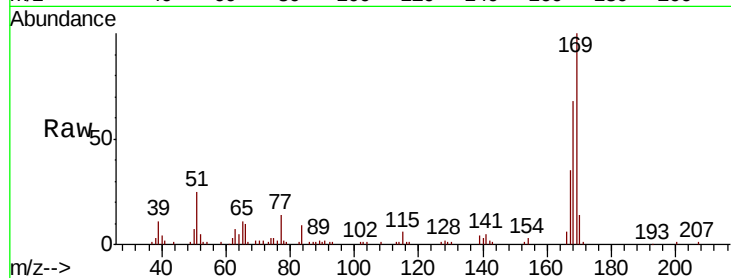




#65  
N-Nitrosodiphenylamine  
Concen: 3.816 ng/ul  
RT: 15.26 min Scan# 2129  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

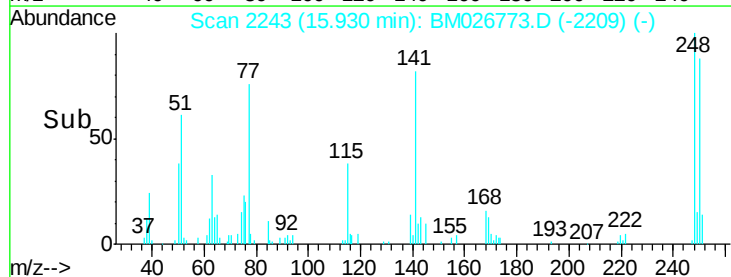
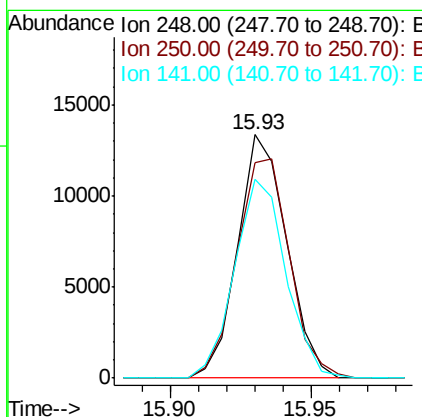
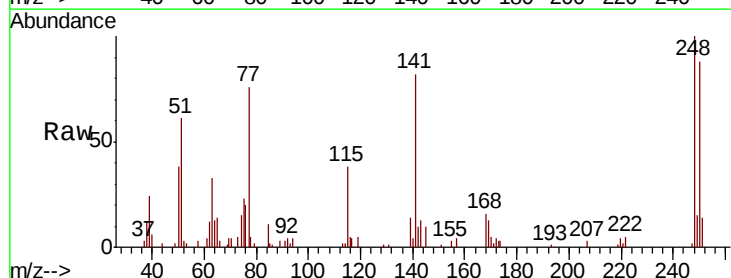
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

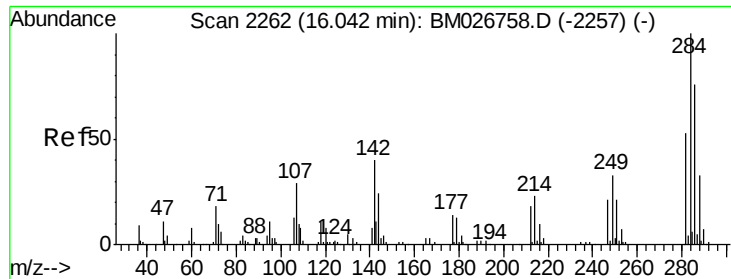
Tot Ion:169 Resp: 44918  
Ion Ratio Lower Upper  
169 100  
168 68.2 51.7 77.5  
167 35.3 28.4 42.6



#66  
4-Bromophenyl-phenylether  
Concen: 3.801 ng/ul  
RT: 15.93 min Scan# 2243  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:248 Resp: 16135  
Ion Ratio Lower Upper  
248 100  
250 88.4 77.4 116.0  
141 81.8 66.1 99.1

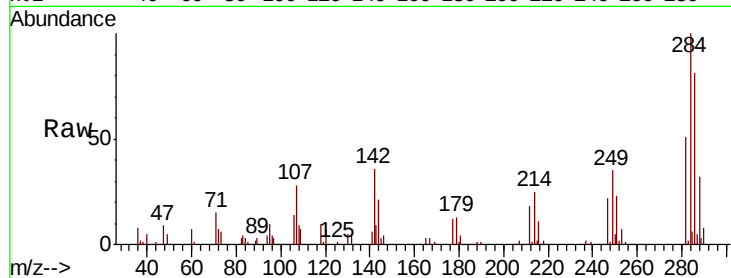




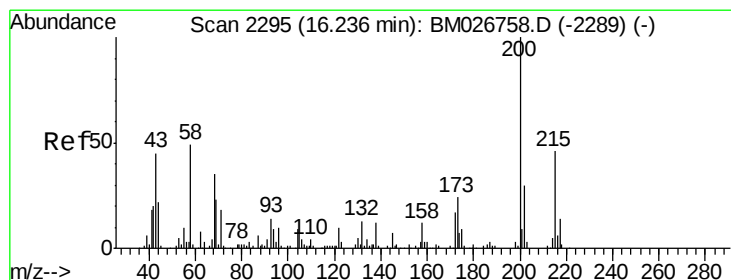
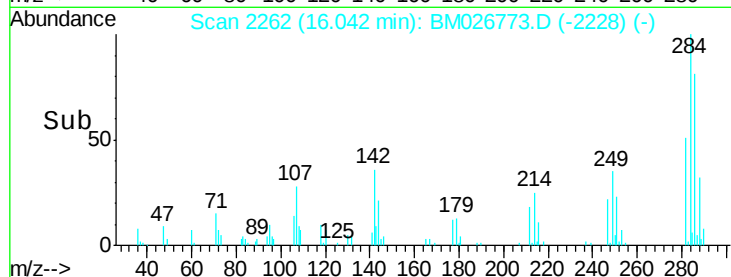
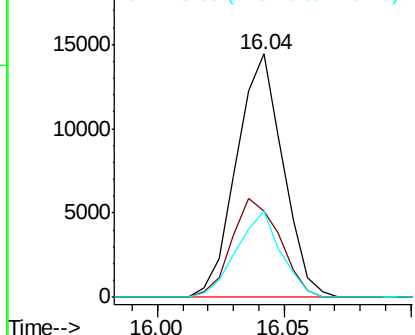
#67  
Hexachlorobenzene  
Concen: 3.824 ng/ul  
RT: 16.04 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

Tot Ion:284 Resp: 18497  
Ion Ratio Lower Upper  
284 100  
142 35.6 27.1 40.7  
249 35.4 25.8 38.6

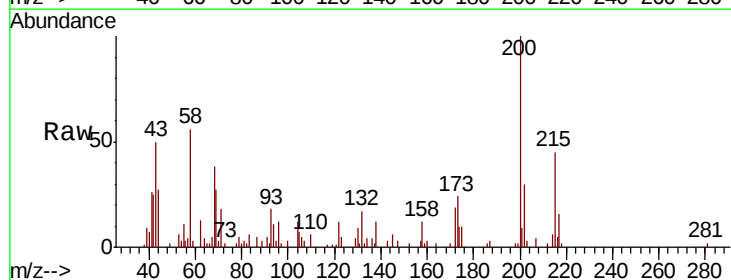


Abundance Ion 284.00 (283.70 to 284.70): E  
Ion 142.00 (141.70 to 142.70): E  
Ion 249.00 (248.70 to 249.70): E

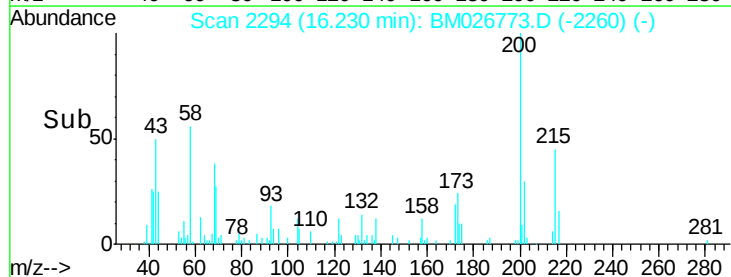
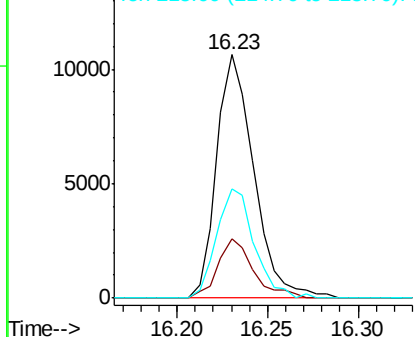


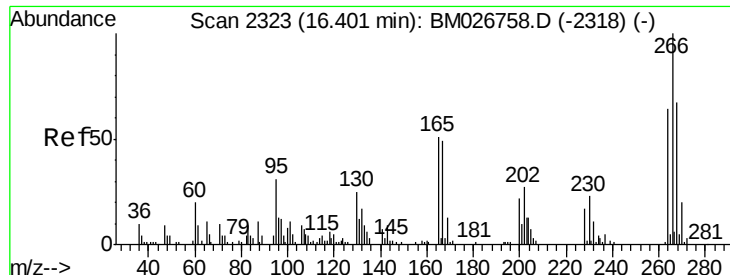
#68  
Atrazine  
Concen: 3.960 ng/ul  
RT: 16.23 min Scan# 2294  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:200 Resp: 15187  
Ion Ratio Lower Upper  
200 100  
173 24.2 20.8 31.2  
215 45.0 37.8 56.8



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

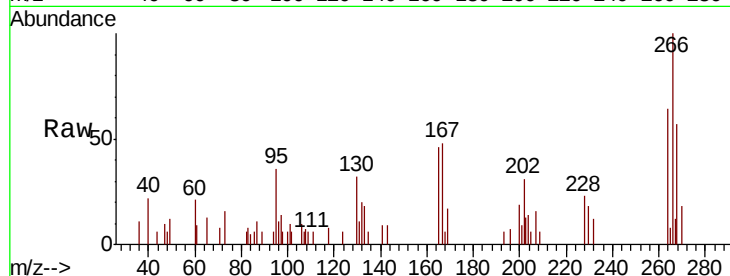




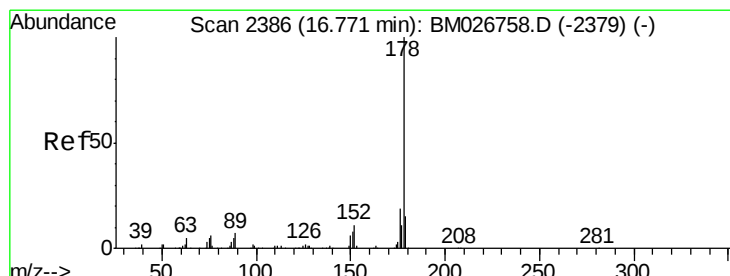
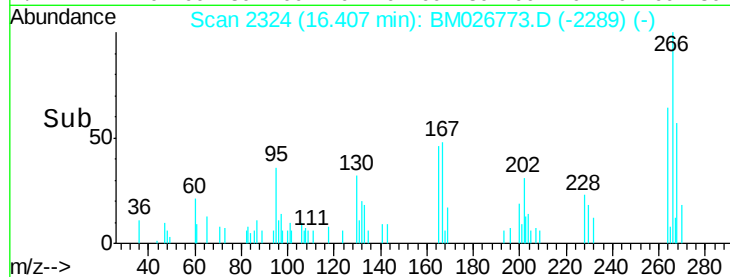
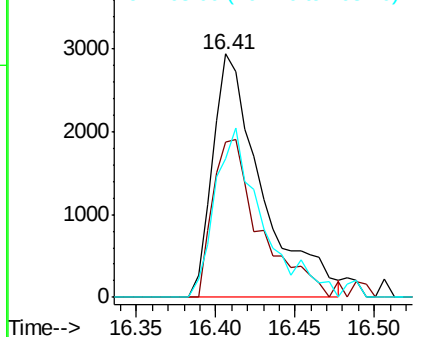
#69  
 Pentachlorophenol  
 Concen: 2.677 ng/ul  
 RT: 16.41 min Scan# 2324  
 Delta R.T. 0.01 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

Tot Ion:266 Resp: 6386  
 Ion Ratio Lower Upper  
 266 100  
 264 63.8 49.9 74.9  
 268 57.2 51.4 77.0

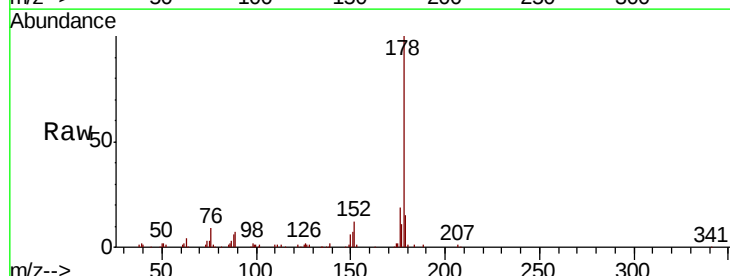


Abundance Ion 265.70 (265.40 to 266.40): E  
 Ion 264.00 (263.70 to 264.70): E  
 Ion 268.00 (267.70 to 268.70): E

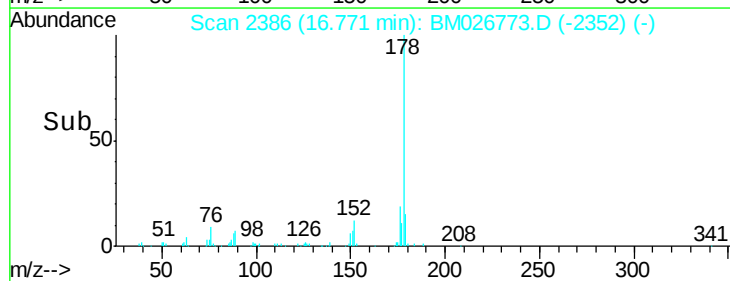
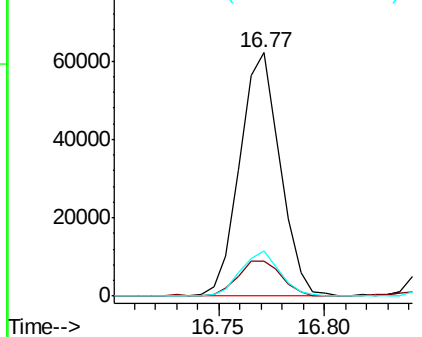


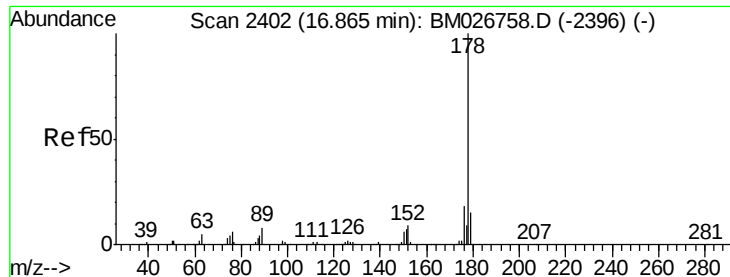
#70  
 Phenanthrene  
 Concen: 3.755 ng/ul  
 RT: 16.77 min Scan# 2386  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Tgt Ion:178 Resp: 82316  
 Ion Ratio Lower Upper  
 178 100  
 179 14.5 12.4 18.6  
 176 18.6 14.3 21.5



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





#72

Anthracene

Concen: 3.747 ng/ul

RT: 16.86 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

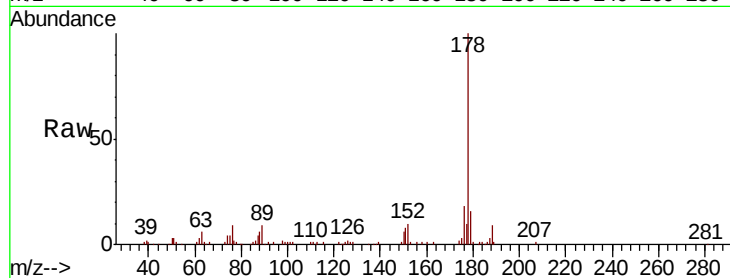
Tot Ion:178 Resp: 82885

Ion Ratio Lower Upper

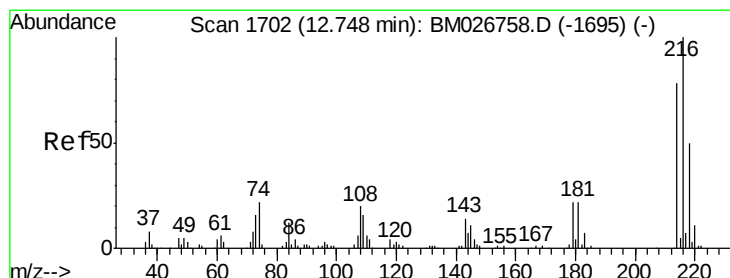
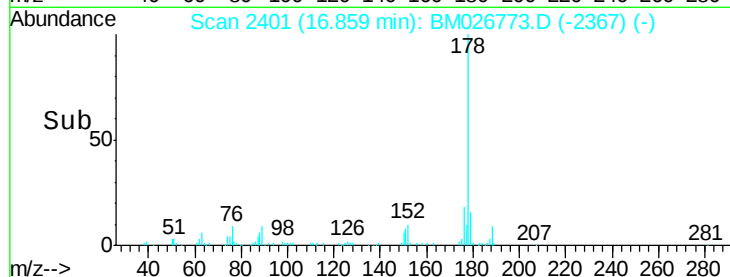
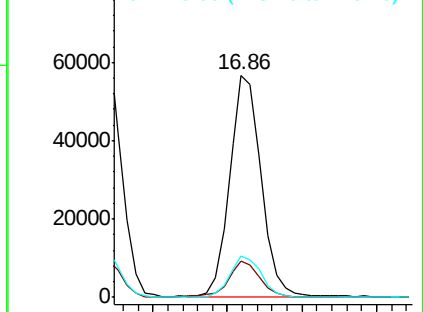
178 100

179 16.5 11.8 17.6

176 18.5 14.7 22.1



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 3.752 ng/uL

RT: 12.75 min Scan# 1702

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

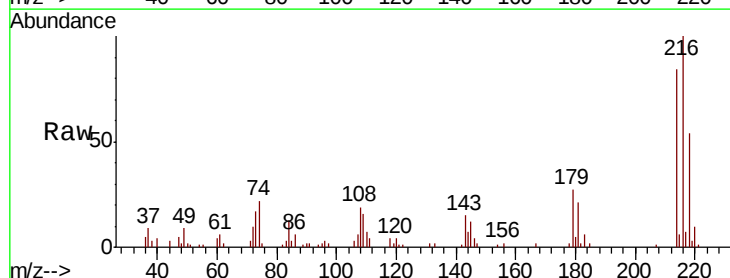
Tgt Ion:216 Resp: 22775

Ion Ratio Lower Upper

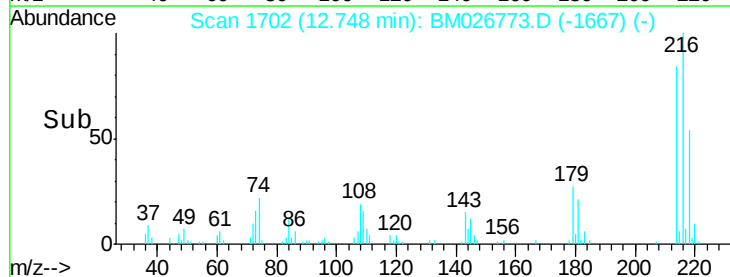
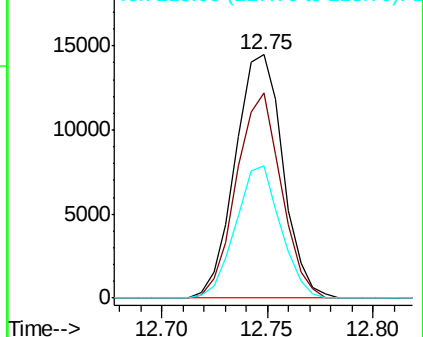
216 100

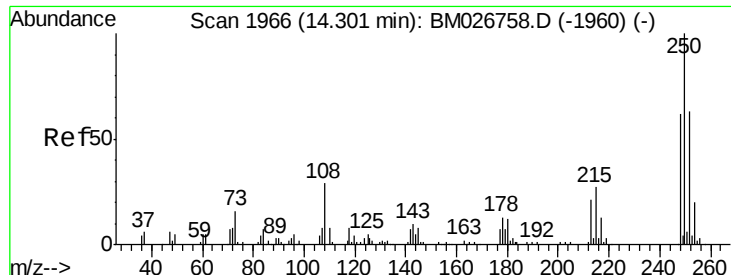
214 84.5 63.8 95.8

218 54.4 38.5 57.7



Abundance Ion 216.00 (215.70 to 216.70): E  
Ion 214.00 (213.70 to 214.70): E  
Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.049 ng/uL

RT: 14.29 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

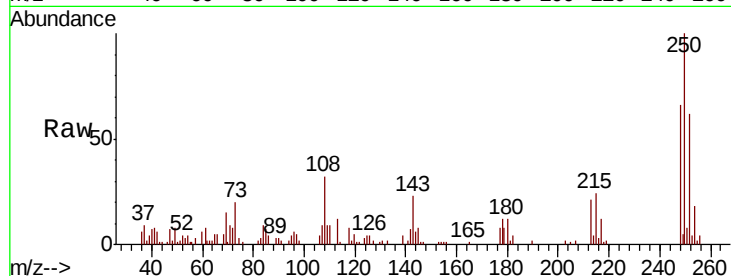
Tot Ion:250 Resp: 23540

Ion Ratio Lower Upper

250 100

248 66.2 51.3 76.9

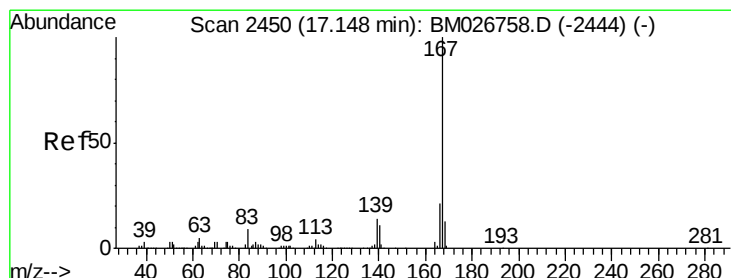
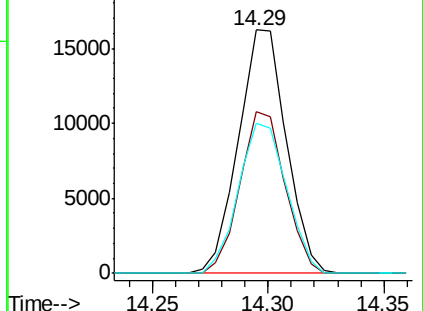
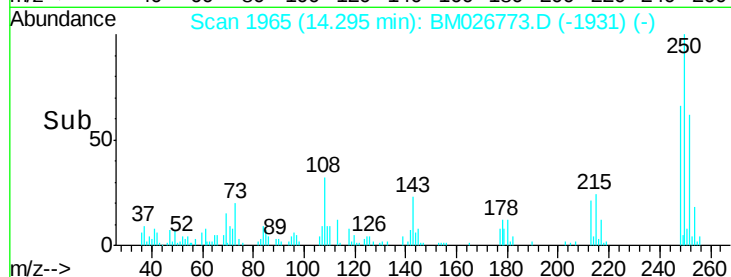
252 61.5 50.9 76.3



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#75

Carbazole

Concen: 3.560 ng/uL

RT: 17.15 min Scan# 2451

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

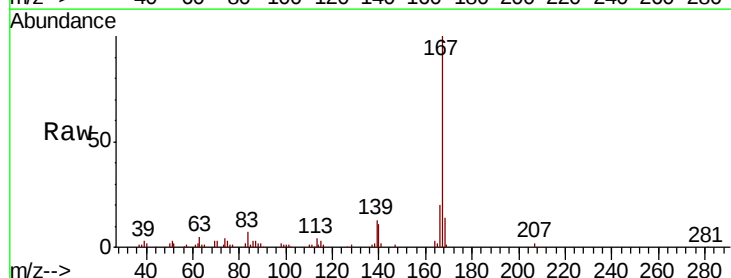
Tgt Ion:167 Resp: 63059

Ion Ratio Lower Upper

167 100

166 19.9 17.4 26.0

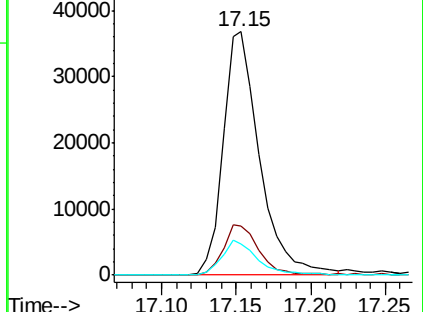
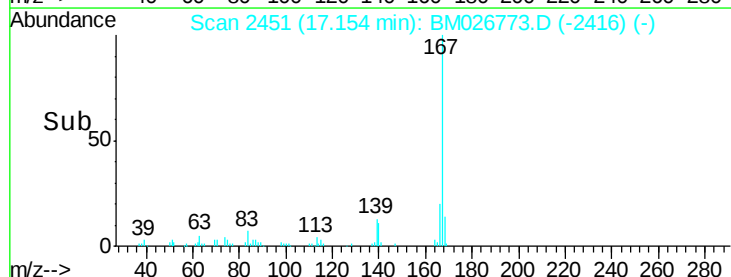
139 12.6 10.6 15.8

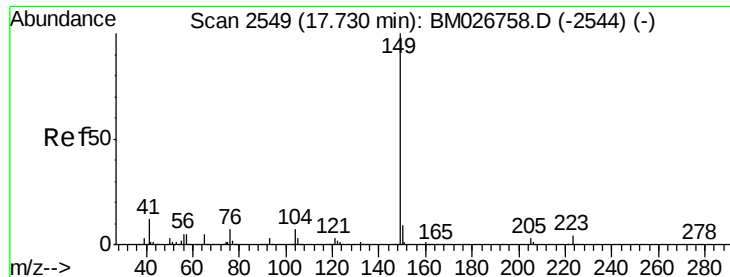


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

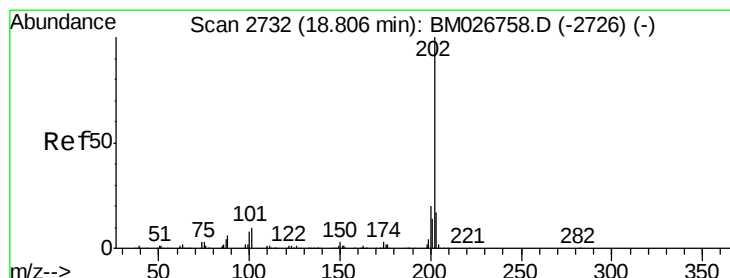
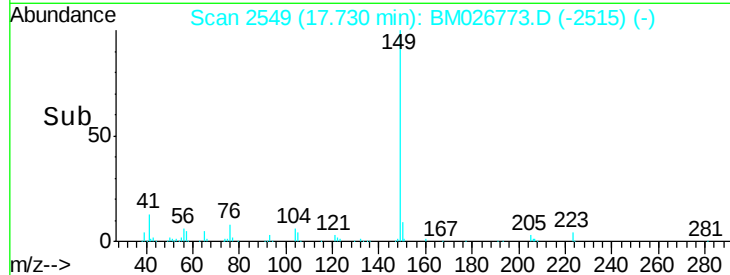
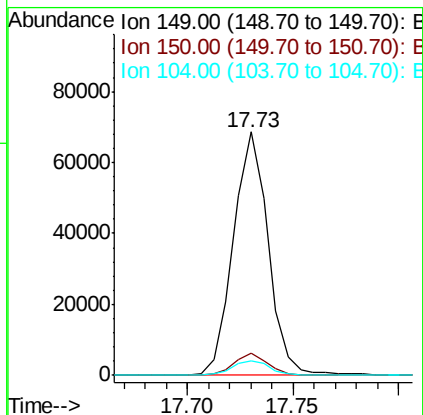
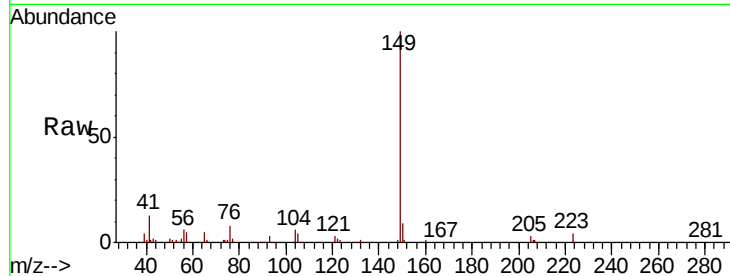




#76  
Di-n-butylphthalate  
Concen: 3.642 ng/ul  
RT: 17.73 min Scan# 2549  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

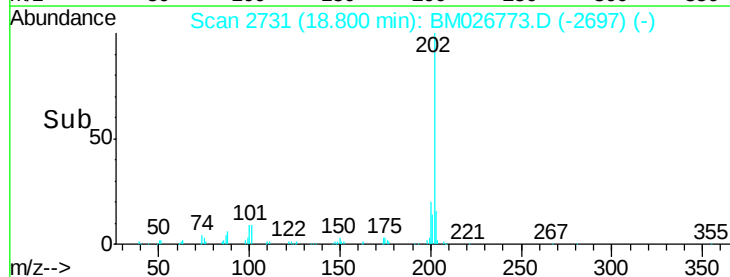
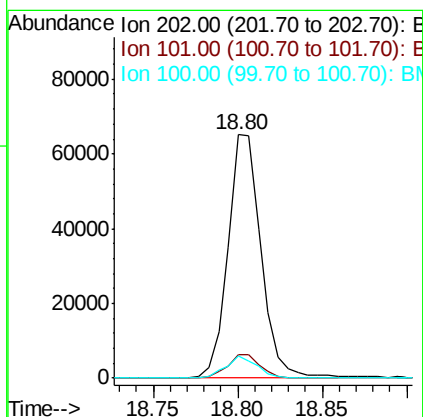
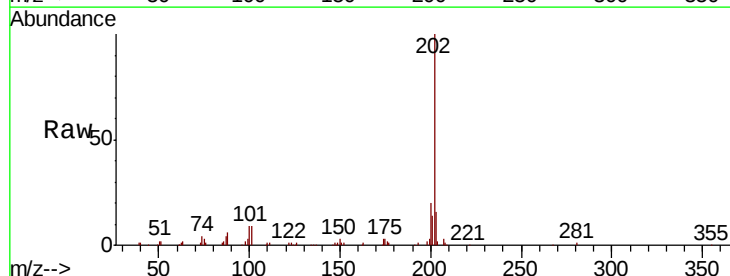
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

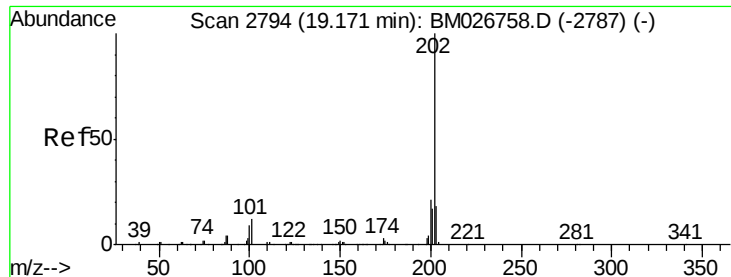
Tot Ion:149 Resp: 78041  
Ion Ratio Lower Upper  
149 100  
150 9.0 7.1 10.7  
104 6.2 5.2 7.8



#77  
Fluoranthene  
Concen: 3.908 ng/ul  
RT: 18.80 min Scan# 2731  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Tgt Ion:202 Resp: 88628  
Ion Ratio Lower Upper  
202 100  
101 9.4 8.5 12.7  
100 8.9 6.9 10.3

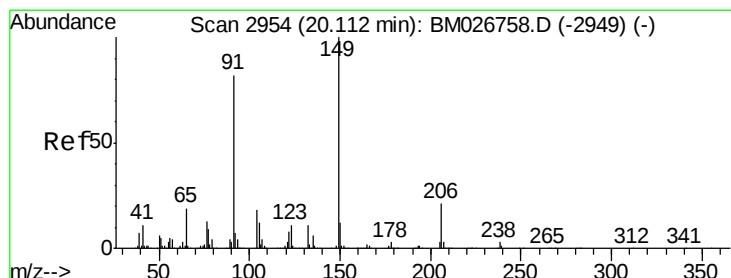
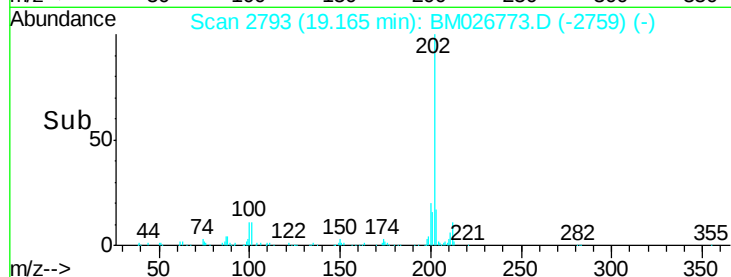
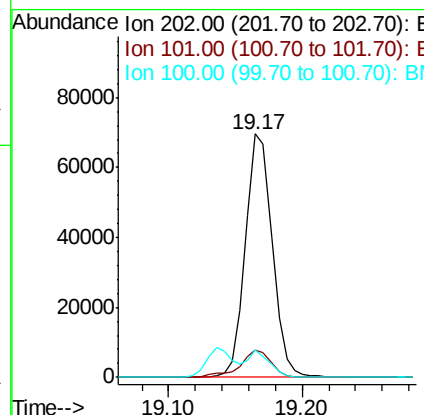
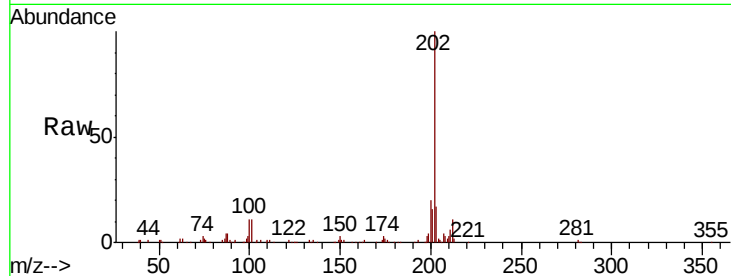




#80  
Pvrene  
Concen: 4.305 ng/ul  
RT: 19.17 min Scan# 2793  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

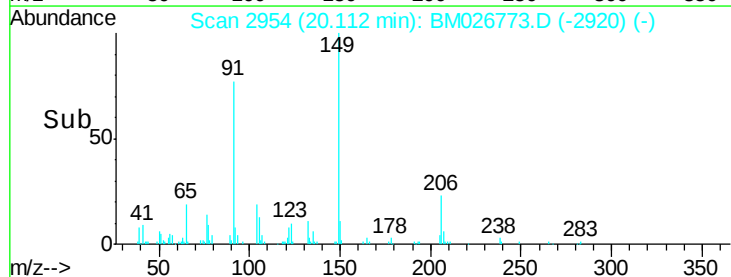
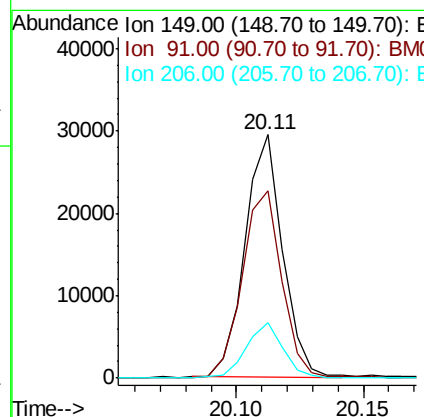
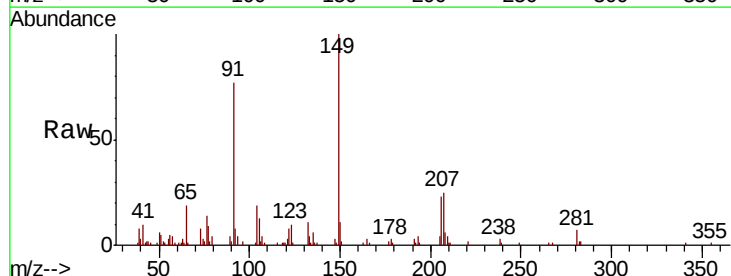
Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

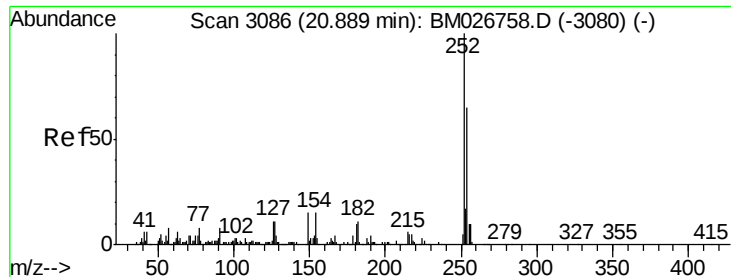
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 202     | 100   |       |       |
| 101     | 11.5  | 9.4   | 14.2  |
| 100     | 11.0  | 8.0   | 12.0  |



#81  
Butylbenzylphthalate  
Concen: 3.813 ng/ul  
RT: 20.11 min Scan# 2954  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 149     | 100   |       |       |
| 91      | 77.1  | 66.4  | 99.6  |
| 206     | 22.7  | 16.3  | 24.5  |





#82

3,3'-Dichlorobenzidine

Concen: 2.674 ng/ul

RT: 20.89 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

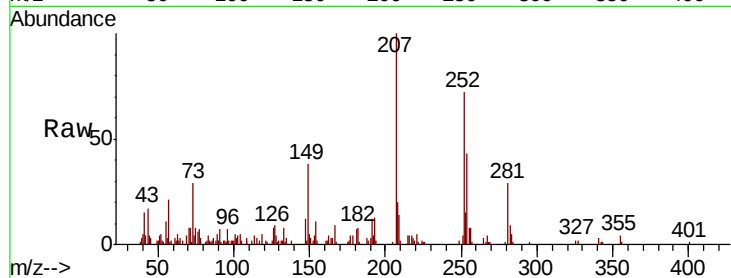
Tot Ion:252 Resp: 17123

Ion Ratio Lower Upper

252 100

254 59.7 51.3 76.9

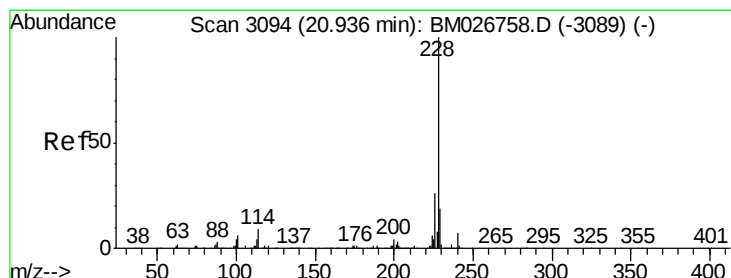
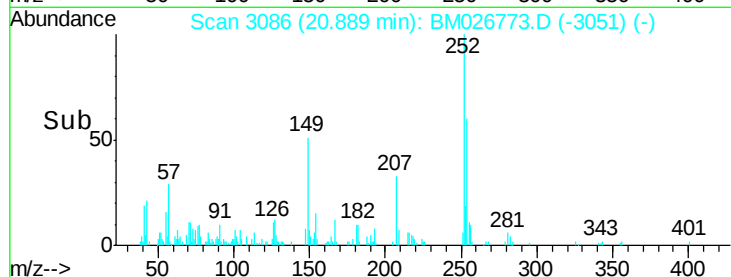
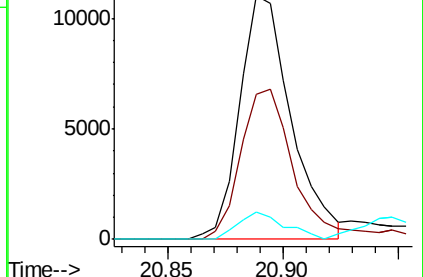
126 11.3 8.1 12.1



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

Benzo(a)anthracene

Concen: 4.045 ng/ul

RT: 20.94 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

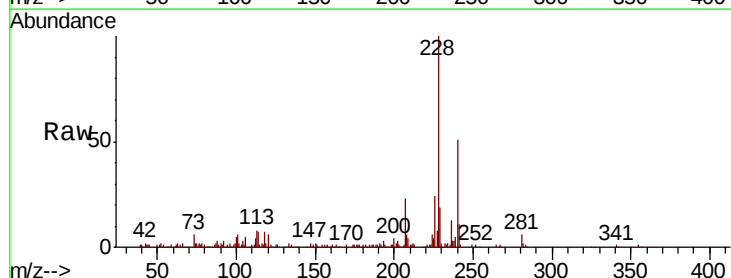
Tgt Ion:228 Resp: 88472

Ion Ratio Lower Upper

228 100

229 19.3 15.4 23.0

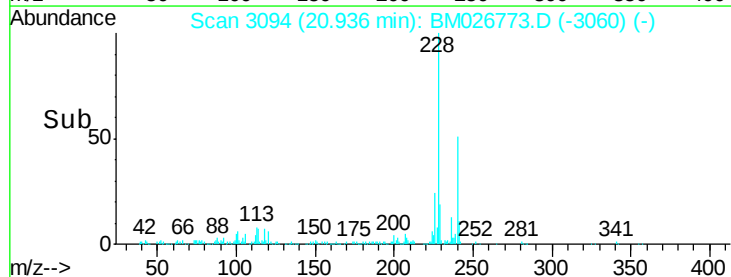
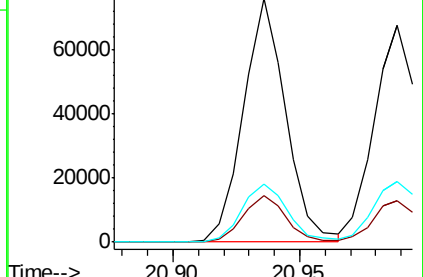
226 23.9 21.2 31.8

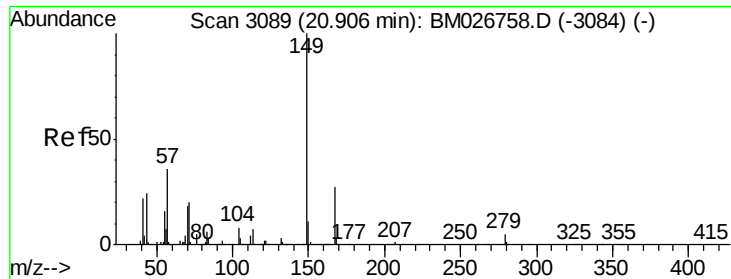


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

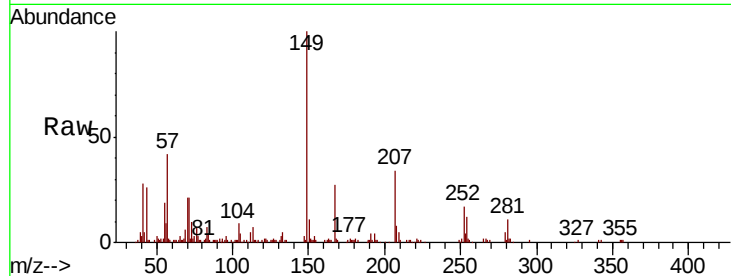




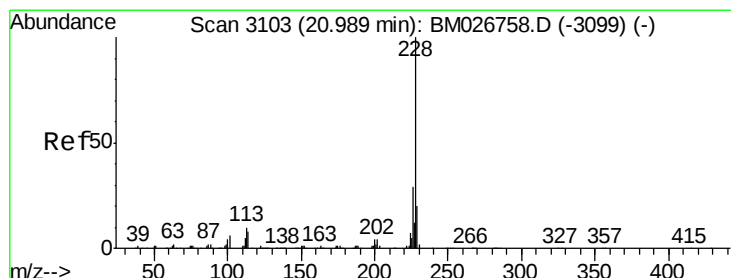
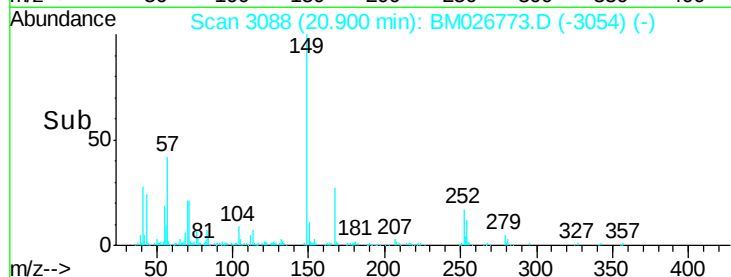
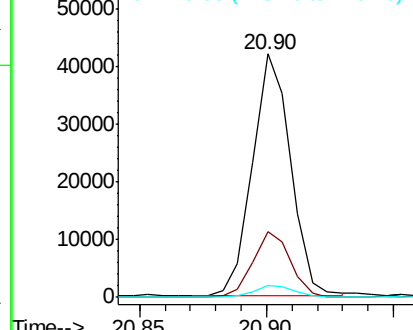
#84  
 Bis(2-ethylhexyl)phthalate  
 Concen: 3.696 ng/ul  
 RT: 20.90 min Scan# 3088  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

Tot Ion:149 Resp: 43967  
 Ion Ratio Lower Upper  
 149 100  
 167 27.0 22.1 33.1  
 279 4.9 3.6 5.4

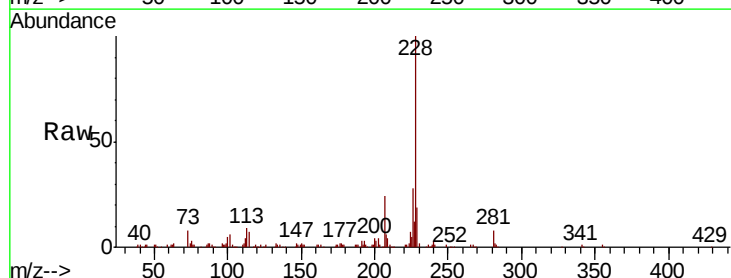


Abundance Ion 149.00 (148.70 to 149.70): E  
 Ion 167.00 (166.70 to 167.70): E  
 Ion 279.00 (278.70 to 279.70): E

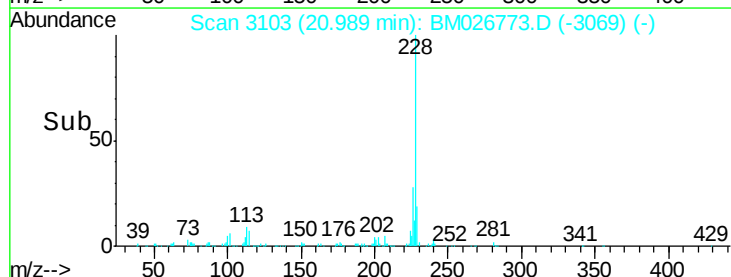
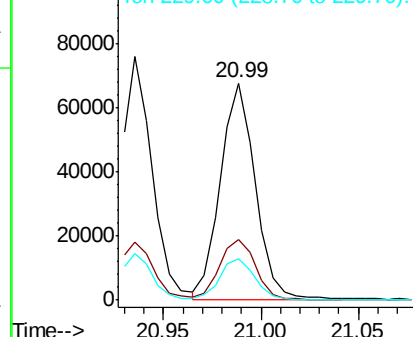


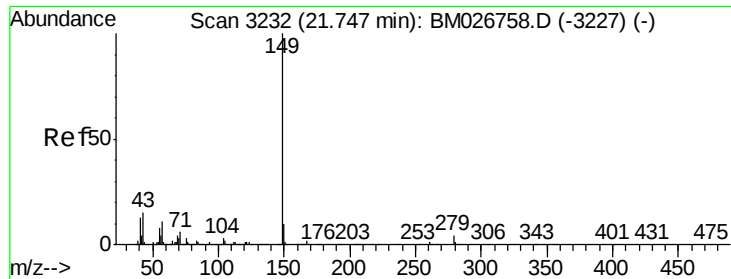
#85  
 Chrysene  
 Concen: 3.842 ng/ul  
 RT: 20.99 min Scan# 3103  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Tgt Ion:228 Resp: 83366  
 Ion Ratio Lower Upper  
 228 100  
 226 28.2 23.0 34.6  
 229 19.3 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

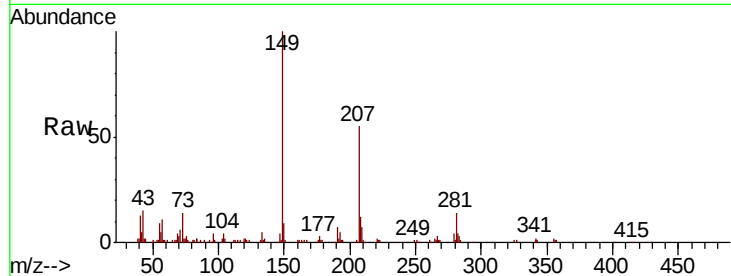




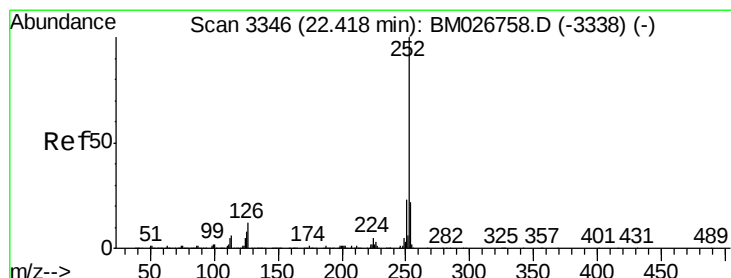
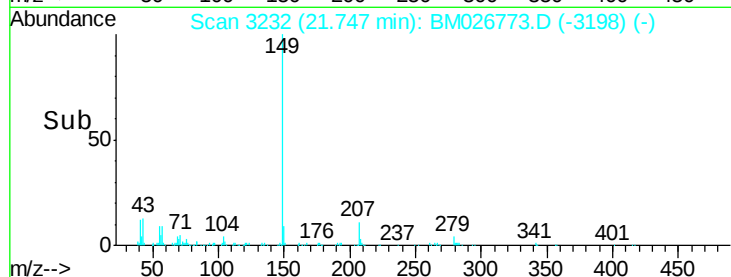
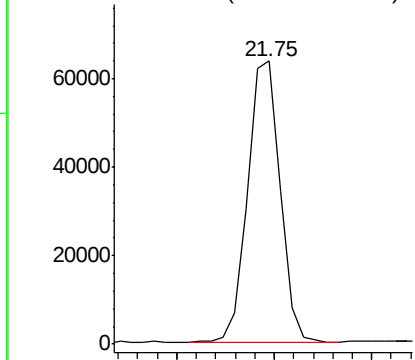
#87  
 Di-n-octyl phthalate  
 Concen: 3.351 ng/ul  
 RT: 21.75 min Scan# 3232  
 Delta R.T. -0.00 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

Instrument :  
 BNA\_M  
 ClientSampleId :  
 MDL-WATER-04

Tgt Ion:149 Resp: 73258

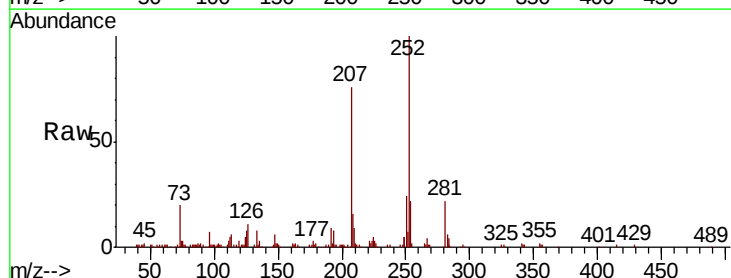


Abundance Ion 149.00 (148.70 to 149.70): E



#88  
 Benzo(b)fluoranthene  
 Concen: 3.480 ng/ul  
 RT: 22.42 min Scan# 3346  
 Delta R.T. 0.01 min  
 Lab File: BM026773.D  
 Acq: 15 Jul 2020 12:46

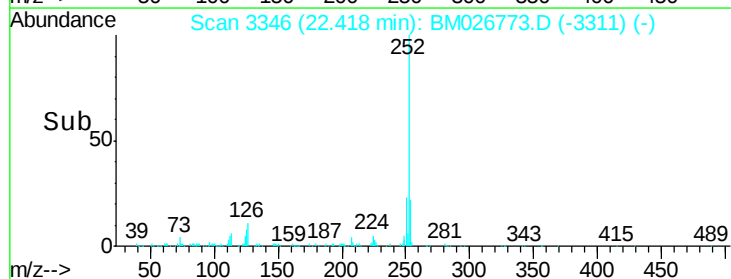
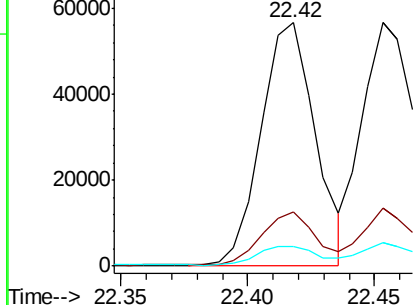
Tgt Ion:252 Resp: 83865  
 Ion Ratio Lower Upper  
 252 100  
 253 22.1 17.2 25.8  
 125 8.3 7.6 11.4

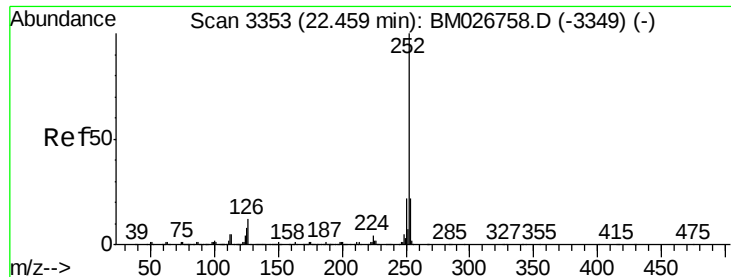


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 3.415 ng/ul

RT: 22.45 min Scan# 3352

Delta R.T. -0.00 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

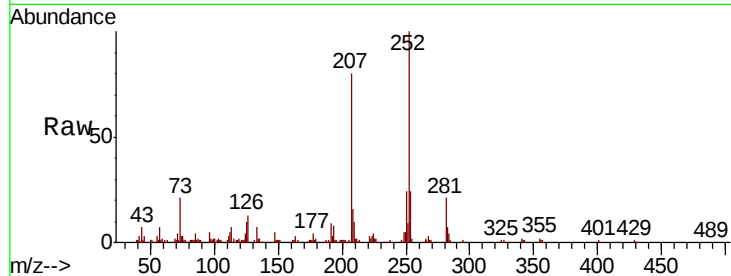
Tot Ion:252 Resp: 81564

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

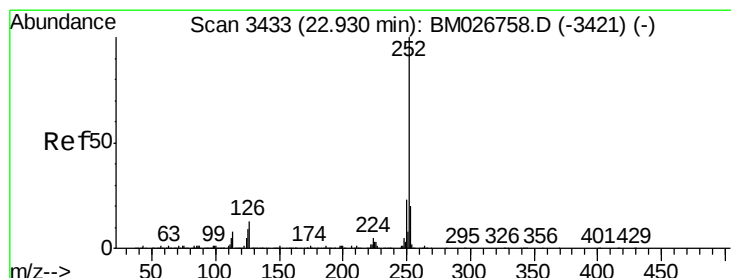
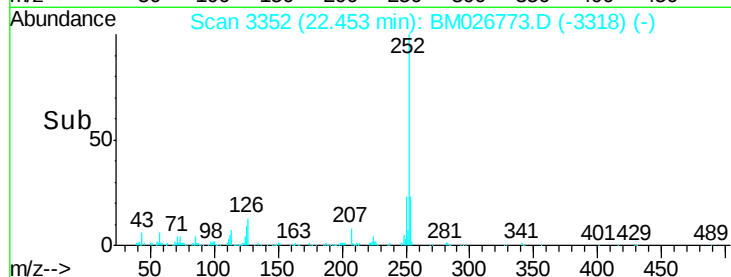
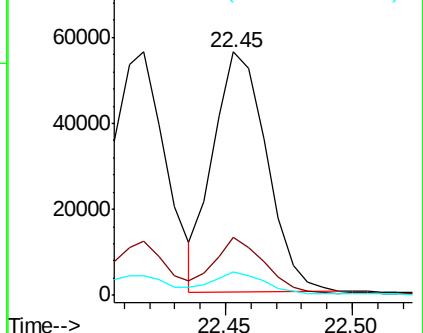
125 9.9 7.7 11.5



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

Benzo(a)pyrene

Concen: 3.878 ng/ul

RT: 22.92 min Scan# 3432

Delta R.T. -0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

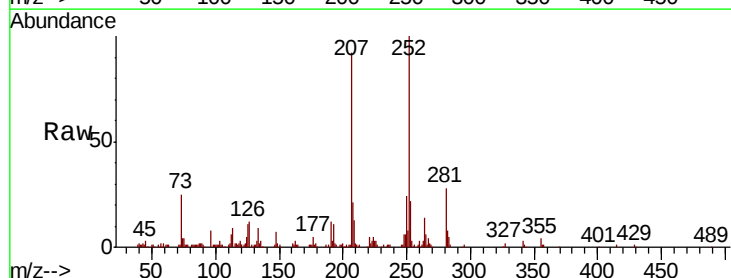
Tgt Ion:252 Resp: 82902

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

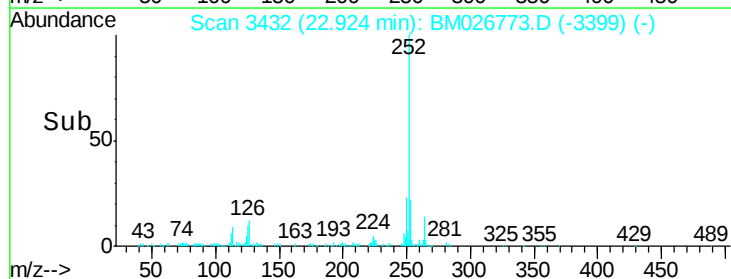
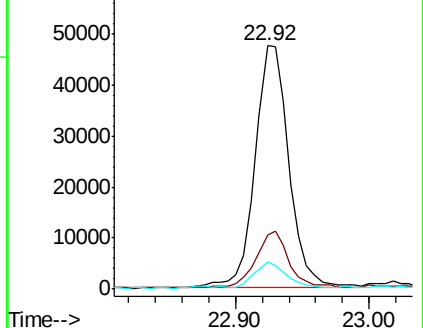
125 11.4 7.5 11.3#

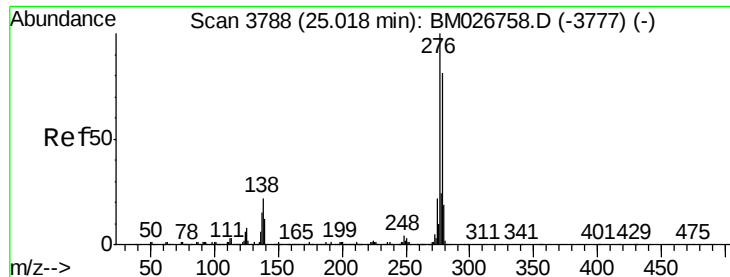


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



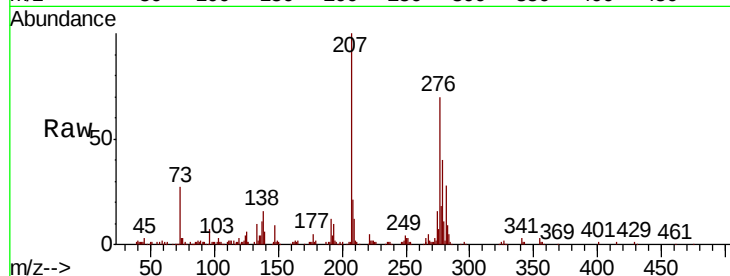


#92

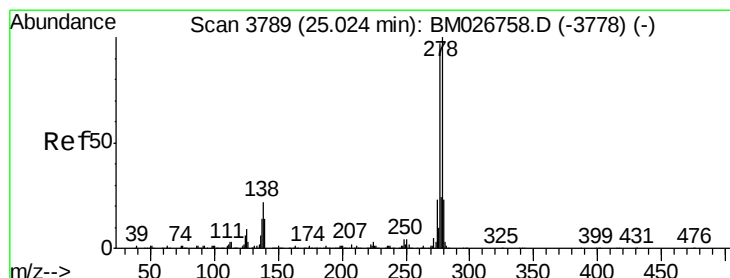
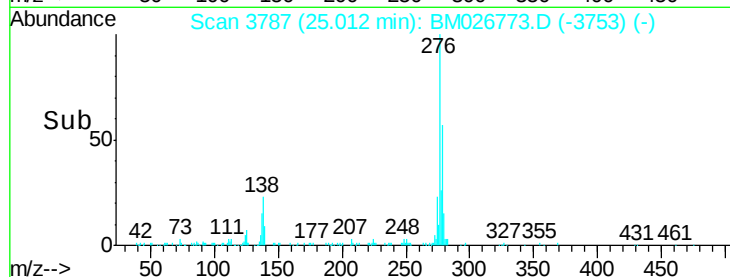
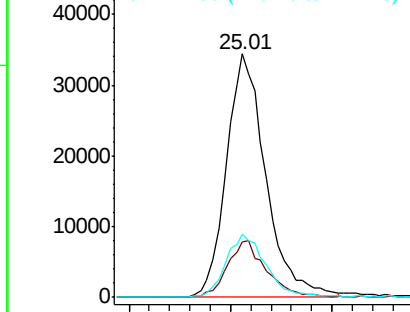
Indeno(1,2,3-cd)pyrene  
Concen: 3.319 ng/ul  
RT: 25.01 min Scan# 3787  
Delta R.T. -0.00 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

Instrument :  
BNA\_M  
ClientSampleId :  
MDL-WATER-04

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 276     | 100   |       |       |
| 138     | 22.9  | 18.2  | 27.4  |
| 277     | 25.8  | 19.5  | 29.3  |



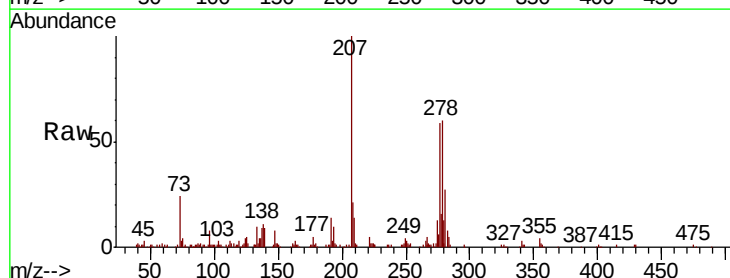
Abundance Ion 276.00 (275.70 to 276.70): E  
Ion 138.00 (137.70 to 138.70): E  
Ion 277.00 (276.70 to 277.70): E



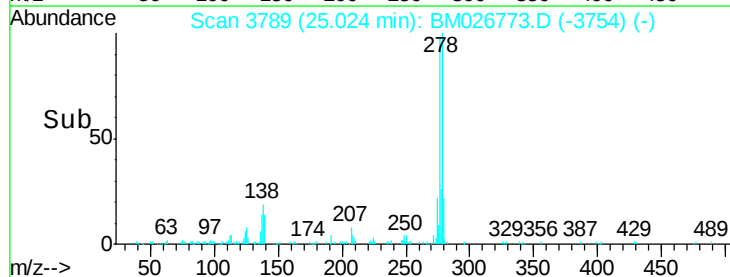
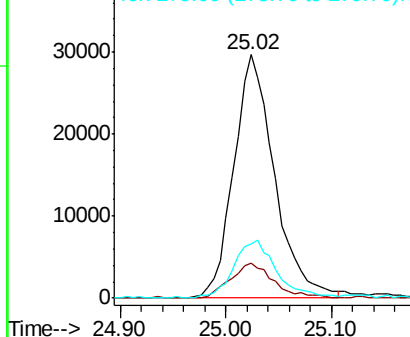
#93

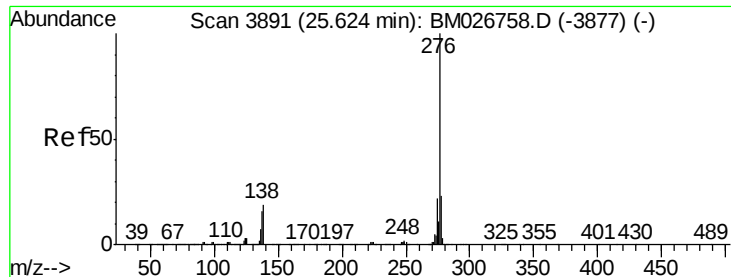
Dibenzo(a,h)anthracene  
Concen: 3.379 ng/ul  
RT: 25.02 min Scan# 3789  
Delta R.T. 0.01 min  
Lab File: BM026773.D  
Acq: 15 Jul 2020 12:46

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 278     | 100   |       |       |
| 139     | 14.4  | 11.4  | 17.2  |
| 279     | 22.3  | 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





#94

Benzo(a,h,i)perylene

Concen: 3.485 ng/ul

RT: 25.62 min Scan# 3890

Delta R.T. 0.01 min

Lab File: BM026773.D

Acq: 15 Jul 2020 12:46

Instrument :

BNA\_M

ClientSampleId :

MDL-WATER-04

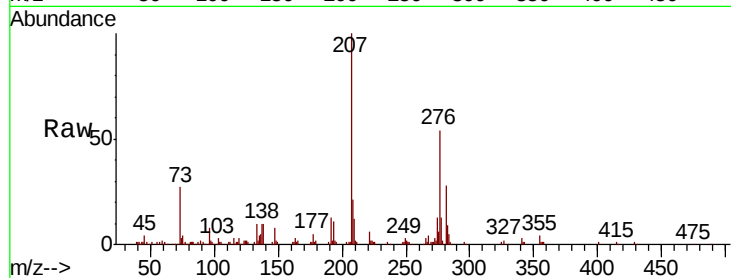
Tot Ion: 276 Resp: 81091

Ion Ratio Lower Upper

276 100

138 19.1 15.6 23.4

277 24.2 18.6 27.8



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

