

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016042.D
 Acq On : 24 Jul 2018 01:08
 Operator : SJ/JU
 Sample : J3762-07
 Misc : LOD 2 PPM
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Quant Time: Jul 24 06:09:09 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	35220	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	134982	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	73015	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	156074	20.00	ng	0.00
75) Chrysene-d12	21.70	240	173421	20.00	ng	0.00
86) Perylene-d12	24.07	264	188884	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	285772	134.78	ng	0.00
7) Phenol-d6	7.38	99	348293	125.79	ng	0.00
23) Nitrobenzene-d5	9.42	82	269432	92.84	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	123190	133.03	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	537163	89.51	ng	0.00
78) Terphenyl-d14	20.15	244	1043050	125.90	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	1424	1.433	ng	# 100
3) Pyridine	4.09	79	236	0.099	ng	# 26
4) n-Nitrosodimethylamine	3.93	42	650	0.348	ng	# 46
6) Aniline	7.56	93	2965	0.930	ng	# 86
8) 2-Chlorophenol	7.80	128	4489	1.781	ng	# 94
9) Benzaldehyde	7.41	77	4414	2.269	ng	# 94
10) Phenol	7.41	94	4672	1.687	ng	# 14
11) bis(2-Chloroethyl)ether	7.66	93	3187	1.457	ng	# 93
12) 1,3-Dichlorobenzene	8.13	146	5092	1.726	ng	# 87
13) 1,4-Dichlorobenzene	8.27	146	4951	1.655	ng	# 91
14) 1,2-Dichlorobenzene	8.59	146	4961	1.695	ng	# 90
15) Benzyl Alcohol	8.55	79	7104	3.222	ng	# 33
16) 2,2'-oxybis(1-Chloropropan	8.76	45	5359	1.601	ng	# 77
17) 2-Methylphenol	8.71	107	2812	1.486	ng	# 78
18) Hexachloroethane	9.30	117	2030	1.570	ng	# 83
19) n-Nitroso-di-n-propylamine	9.05	70	2618	1.294	ng	# 82
20) 3+4-Methylphenols	9.06	107	2477	0.910	ng	# 77
22) Acetophenone	9.10	105	5263	1.548	ng	# 75
24) Nitrobenzene	9.46	77	5609	1.920	ng	# 87
25) Isophorone	9.98	82	6846	1.725	ng	# 89
26) 2-Nitrophenol	10.22	139	593	0.486	ng	# 49
27) 2,4-Dimethylphenol	10.24	122	2885	1.698	ng	# 90
28) bis(2-Chloroethoxy)methane	10.47	93	3715	1.440	ng	# 92
29) 2,4-Dichlorophenol	10.76	162	1890	0.936	ng	# 64
30) 1,2,4-Trichlorobenzene	10.92	180	3929	1.602	ng	# 88
31) Naphthalene	11.10	128	13162	1.927	ng	# 96
33) 4-Chloroaniline	11.27	127	1534	0.550	ng	# 51
34) Hexachlorobutadiene	11.36	225	2858	1.680	ng	# 99
36) 4-Chloro-3-methylphenol	12.37	107	2524	1.137	ng	# 57
37) 2-Methylnaphthalene	12.70	142	8848	1.933	ng	# 79
39) 1,2,4,5-Tetrachlorobenzene	13.07	216	4428	1.781	ng	# 100
40) Hexachlorocyclopentadiene	13.02	237	263	7.867	ng	# 28
42) 2,4,6-Trichlorophenol	13.32	196	1700	1.093	ng	# 81
43) 2,4,5-Trichlorophenol	13.42	196	1771	1.104	ng	# 78

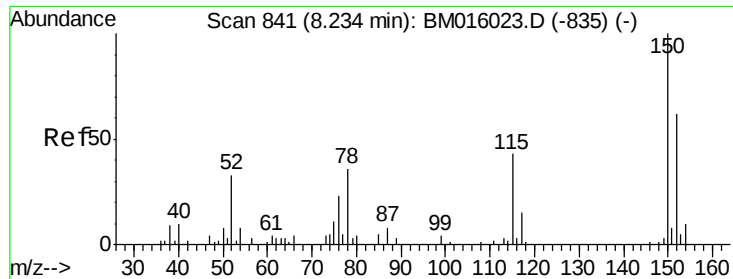
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016042.D
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	13.70	154	12491	1.896	ng	93
46) 2-Chloronaphthalene	13.75	162	8661	1.690	ng	91
47) 2-Nitroaniline	14.00	65	1226	0.724	ng	84
48) Acenaphthylene	14.59	152	12118	1.615	ng	95
49) Dimethylphthalate	14.31	163	11187	1.751	ng	# 95
50) 2,6-Dinitrotoluene	14.45	165	1553	1.208	ng	# 38
51) Acenaphthene	14.92	154	8525	1.847	ng	96
52) 3-Nitroaniline	14.82	138	681	0.490	ng	# 80
54) Dibenzofuran	15.26	168	12926	1.700	ng	# 65
56) 2,4-Dinitrotoluene	15.26	165	1928	1.049	ng	# 41
57) Fluorene	15.90	166	10487	1.856	ng	95
58) 2,3,4,6-Tetrachlorophenol	15.49	232	1752	1.271	ng	# 100
59) Diethylphthalate	15.65	149	11612	1.686	ng	# 93
60) 4-Chlorophenyl-phenylether	15.89	204	5395	1.715	ng	90
61) 4-Nitroaniline	15.98	138	242	0.182	ng	# 23
62) Azobenzene	16.17	77	10216	1.408	ng	# 73
64) 4,6-Dinitro-2-methylphenol	16.02	198	250	0.264	ng	# 28
65) n-Nitrosodiphenylamine	16.10	169	8508	1.655	ng	96
66) 4-Bromophenyl-phenylether	16.77	248	2939	1.663	ng	# 62
67) Hexachlorobenzene	16.89	284	3388	1.741	ng	# 44
68) Atrazine	17.03	200	2829	1.536	ng	97
69) Pentachlorophenol	17.25	266	839	0.696	ng	# 82
70) Phenanthrene	17.63	178	15638	1.790	ng	97
71) Anthracene	17.73	178	15182	1.788	ng	96
72) Carbazole	18.00	167	12363	1.405	ng	# 94
73) Di-n-butylphthalate	18.51	149	15044	1.372	ng	# 92
74) Fluoranthene	19.62	202	17143	1.759	ng	96
76) Benzidine	19.82	184	2017	0.416	ng	# 68
77) Pyrene	19.97	202	17956	1.728	ng	94
79) Butylbenzylphthalate	20.82	149	8110	1.536	ng	# 83
80) Benzo(a)anthracene	21.69	228	20938	1.960	ng	96
81) 3,3'-Dichlorobenzidine	21.61	252	5459	1.269	ng	# 98
82) Chrysene	21.74	228	20177	1.969	ng	96
83) Bis(2-ethylhexyl)phthalate	21.57	149	11091	1.450	ng	# 89
84) Di-n-octyl phthalate	22.48	149	18154	1.412	ng	# 71
85) Indeno(1,2,3-cd)pyrene	26.51	276	24269	1.996	ng	# 91
87) Benzo(b)fluoranthene	23.40	252	13905	1.250	ng	95
88) Benzo(k)fluoranthene	23.40	252	21418	1.900	ng	93
89) Benzo(a)pyrene	23.97	252	20968	1.961	ng	98
90) Dibenzo(a,h)anthracene	26.51	278	21374	1.930	ng	96
91) Benzo(g,h,i)perylene	27.27	276	20891	1.994	ng	94

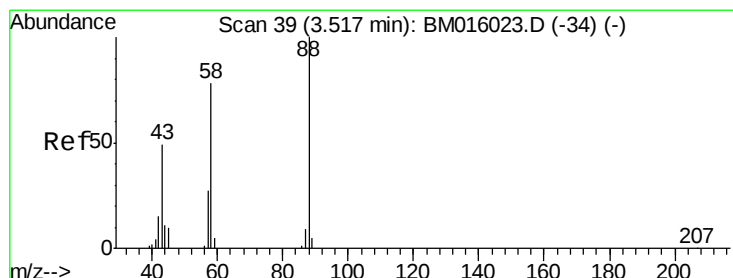
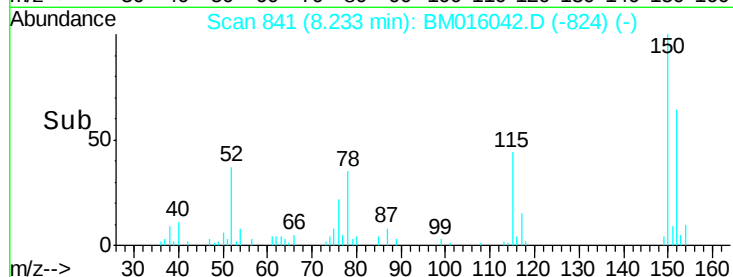
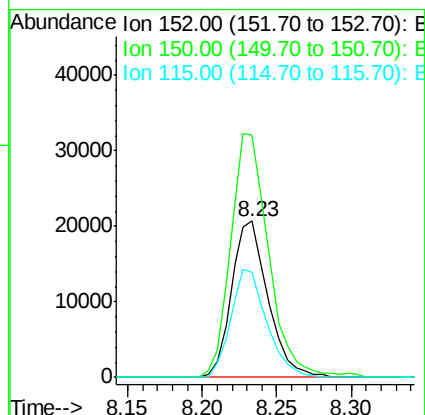
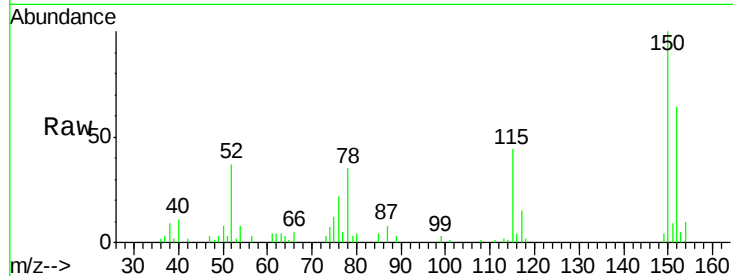
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.23 min Scan# 841
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

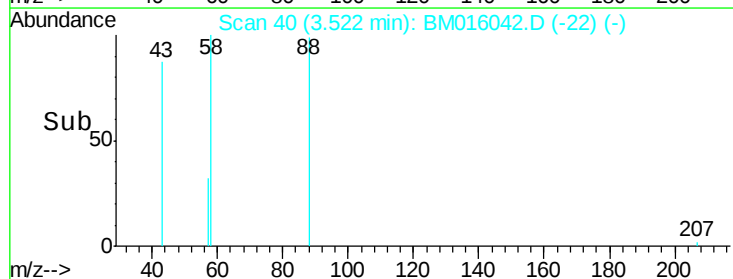
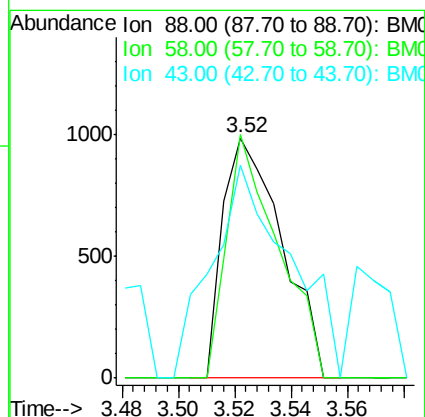
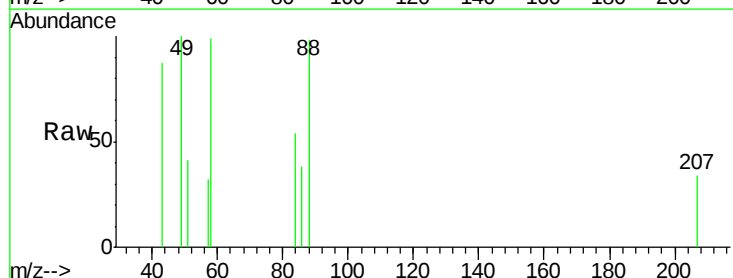
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

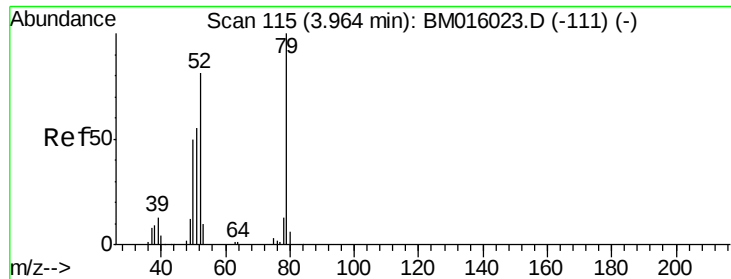
Tgt Ion:152 Resp: 35220
 Ion Ratio Lower Upper
 152 100
 150 155.7 119.5 179.3
 115 67.8 43.0 64.4#



#2
 1,4-Dioxane
 Concen: 1.433 ng
 RT: 3.52 min Scan# 40
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion: 88 Resp: 1424
 Ion Ratio Lower Upper
 88 100
 58 88.8 0.0 0.0#
 43 116.9 0.0 0.0#

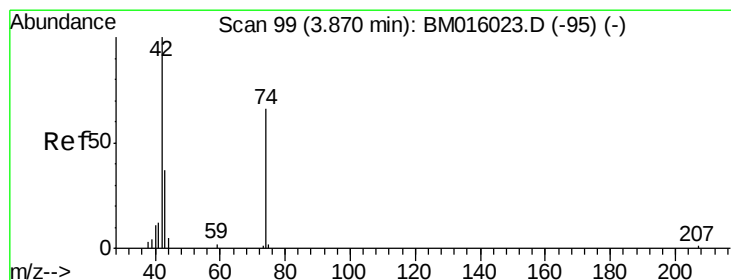
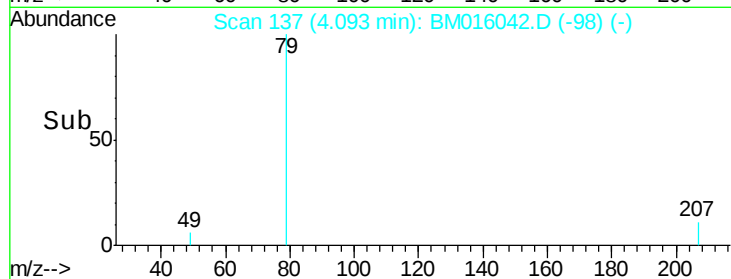
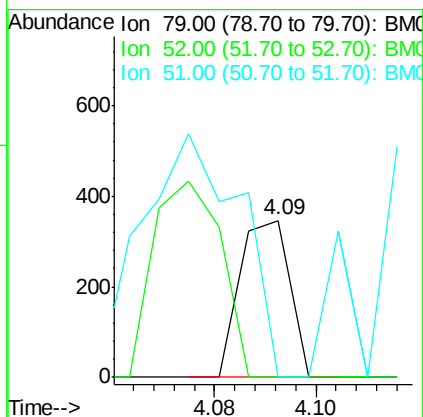
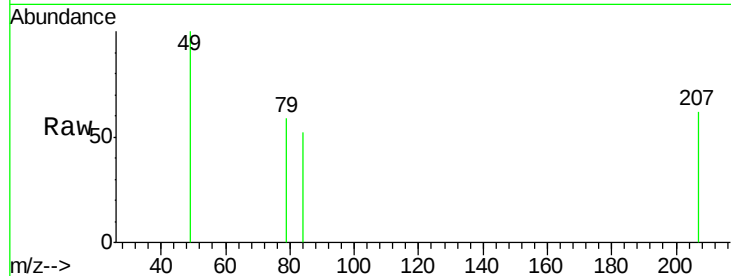




#3
 Pyridine
 Concen: 0.099 ng
 RT: 4.09 min Scan# 137
 Delta R.T. 0.13 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

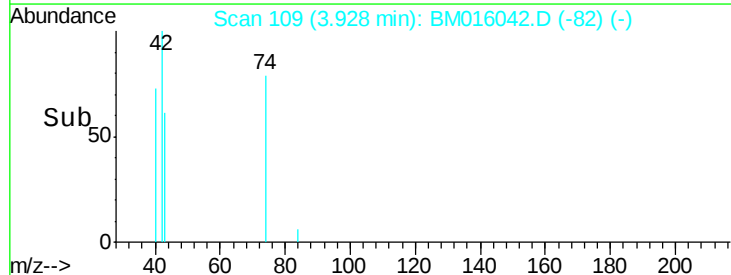
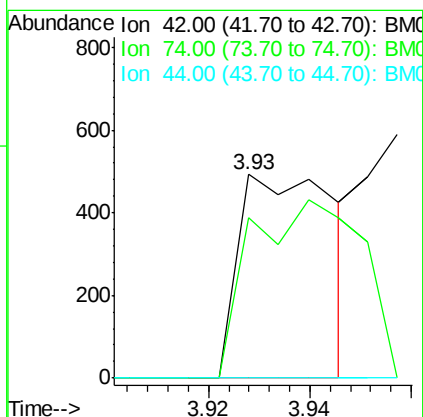
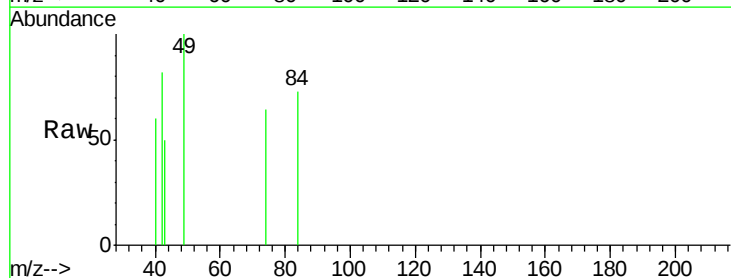
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

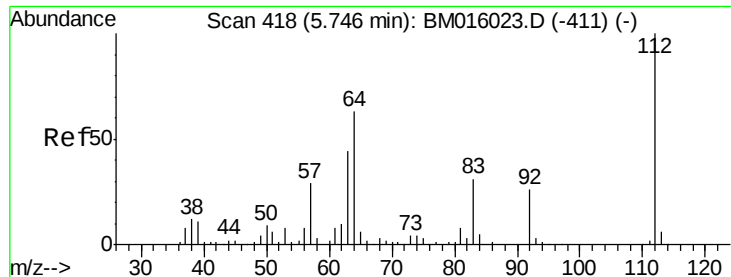
Tgt Ion: 79 Resp: 236
 Ion Ratio Lower Upper
 79 100
 52 0.0 51.1 76.7#
 51 0.0 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 0.348 ng
 RT: 3.93 min Scan# 109
 Delta R.T. 0.06 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion: 42 Resp: 650
 Ion Ratio Lower Upper
 42 100
 74 78.9 119.3 178.9#
 44 0.0 5.4 8.2#





#5

2-Fluorophenol

Concen: 0.348 ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

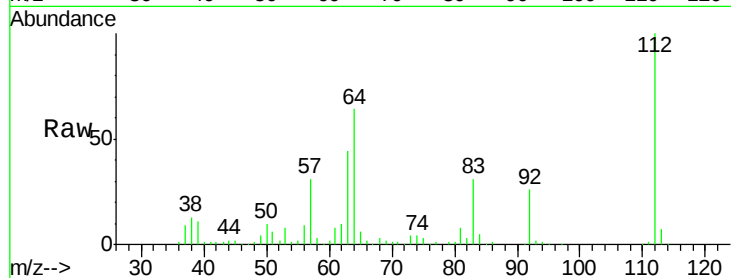
Tgt Ion: 112 Resp: 285772

Ion Ratio Lower Upper

112 100

64 63.6 38.6 57.8#

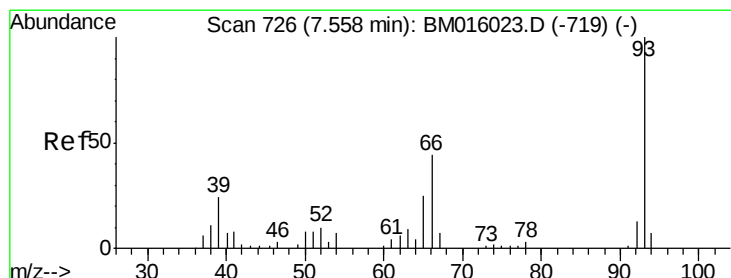
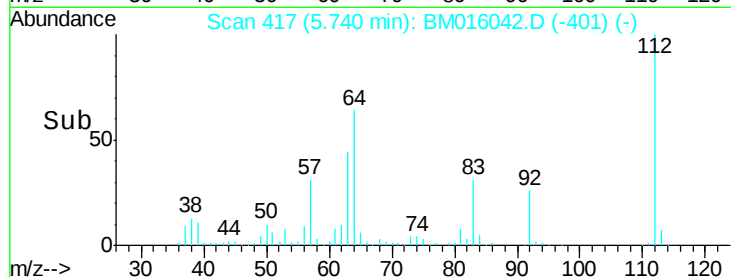
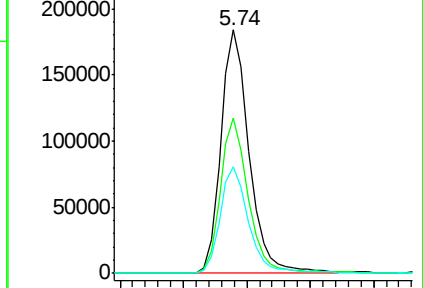
63 44.0 19.3 28.9#



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: 0.930 ng

RT: 7.56 min Scan# 727

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

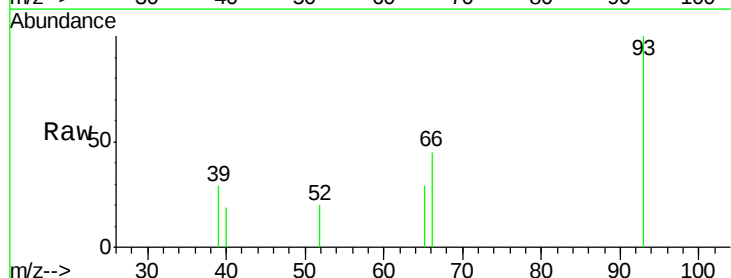
Tgt Ion: 93 Resp: 2965

Ion Ratio Lower Upper

93 100

66 44.9 30.8 46.2

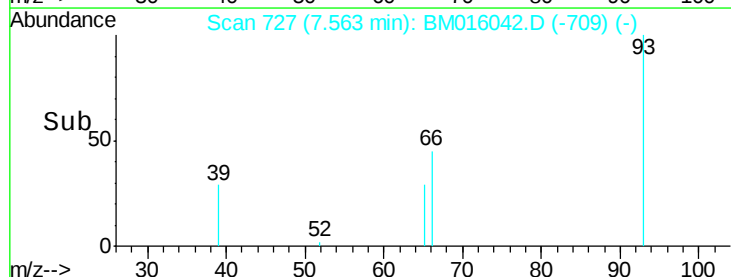
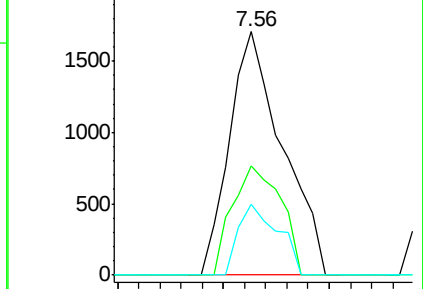
65 29.2 16.0 24.0#

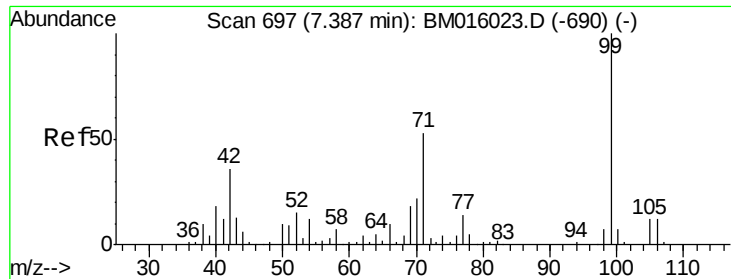


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 0.930 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

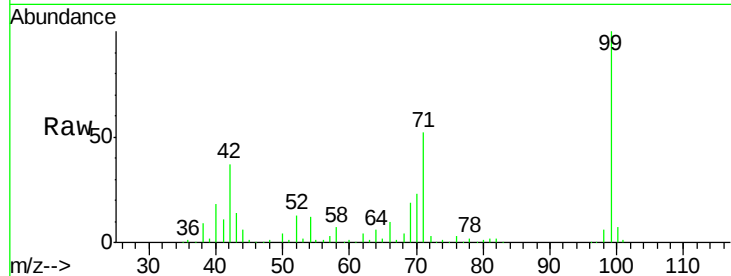
Tgt Ion: 99 Resp: 348293

Ion Ratio Lower Upper

99 100

42 37.1 11.0 16.4#

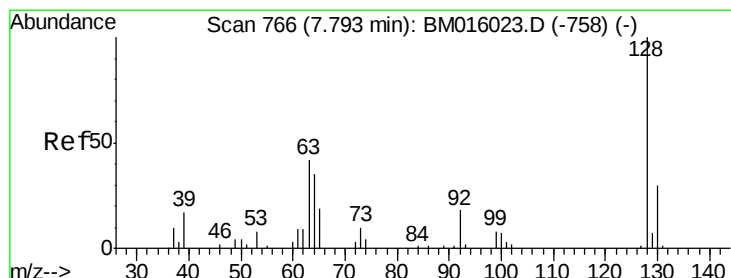
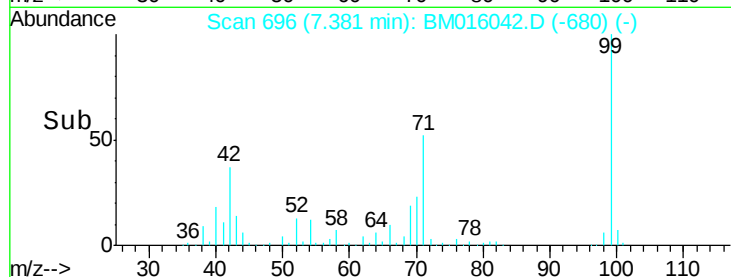
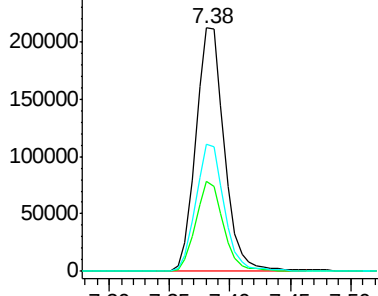
71 52.2 23.4 35.2#



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) (-)



#8

2-Chlorophenol

Concen: 1.781 ng

RT: 7.80 min Scan# 767

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

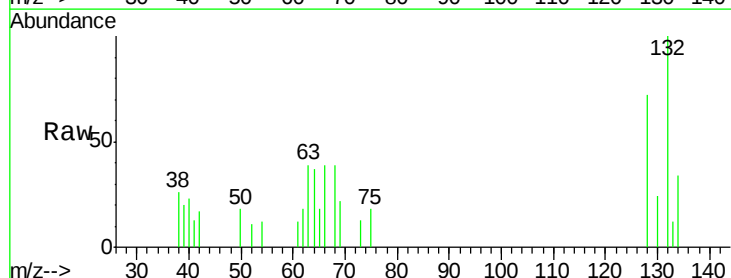
Tgt Ion: 128 Resp: 4489

Ion Ratio Lower Upper

128 100

130 32.7 12.0 52.0

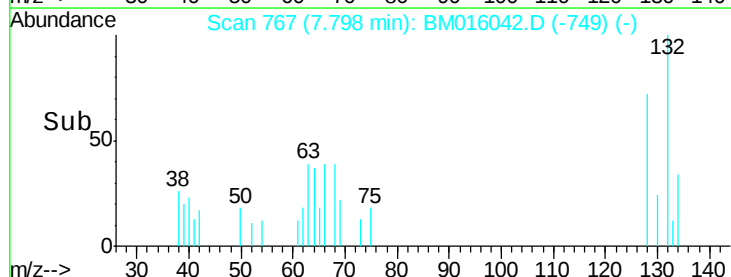
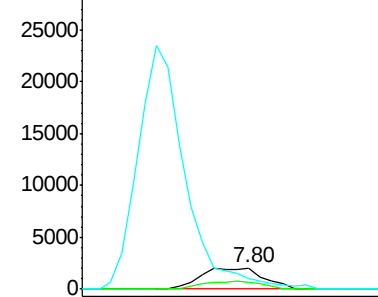
64 50.5 24.9 64.9

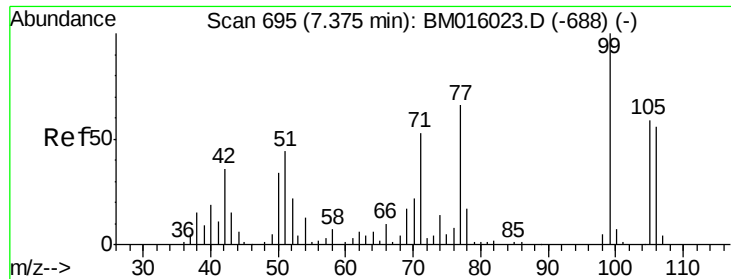


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

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

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





#9

Benzaldehyde

Concen: 2.269 ng

RT: 7.41 min Scan# 701

Delta R.T. 0.03 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

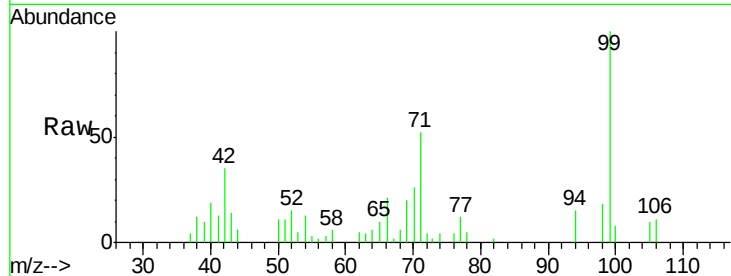
Tgt Ion: 77 Resp: 4414

Ion Ratio Lower Upper

77 100

105 87.2 78.8 118.8

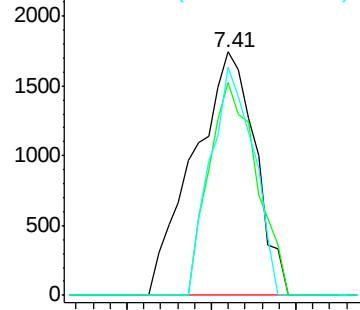
106 93.8 73.7 113.7



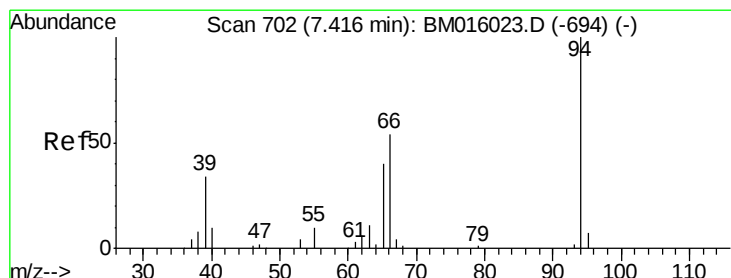
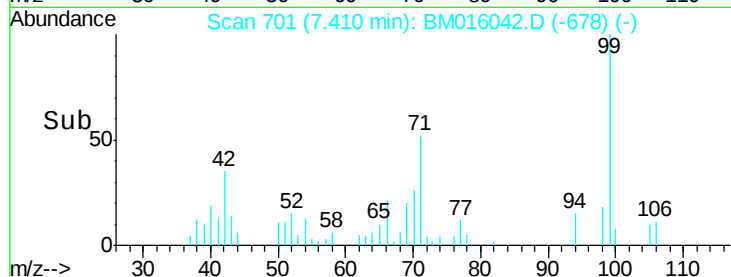
Abundance Ion 77.00 (76.70 to 77.70): BM016042.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016042.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016042.D (-678) (-)



Time-->



#10

Phenol

Concen: 1.687 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

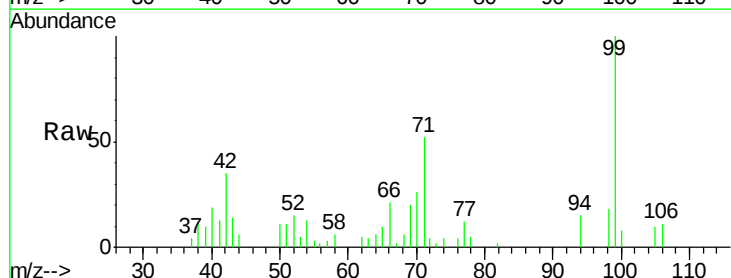
Tgt Ion: 94 Resp: 4672

Ion Ratio Lower Upper

94 100

65 65.3 18.8 58.8#

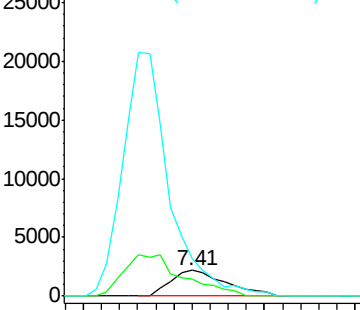
66 145.0 39.9 79.9#



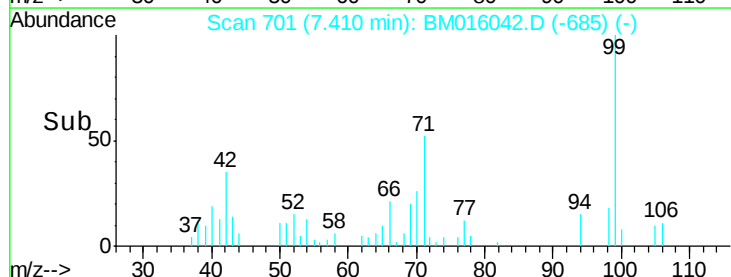
Abundance Ion 94.00 (93.70 to 94.70): BM016042.D (-685) (-)

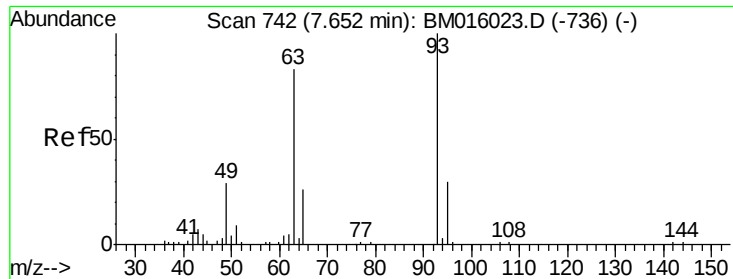
Ion 65.00 (64.70 to 65.70): BM016042.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016042.D (-685) (-)



Time-->

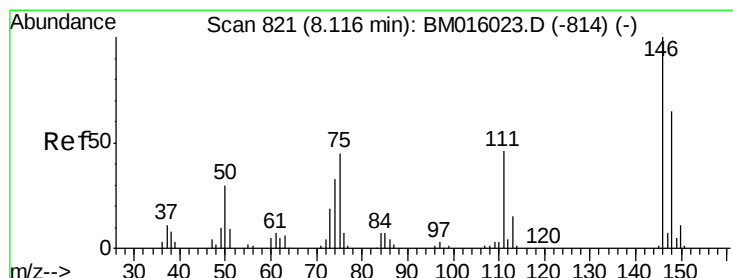
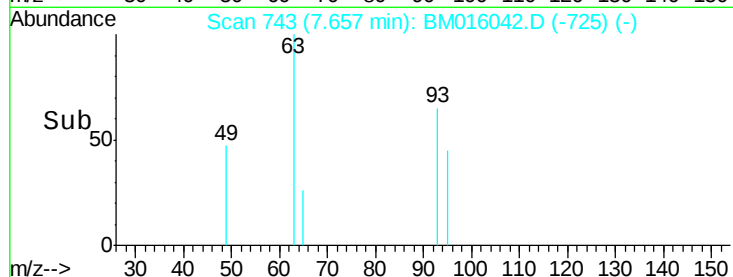
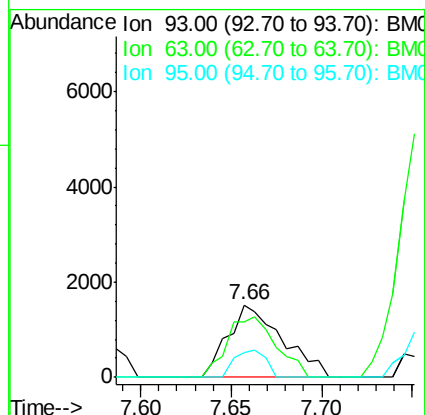
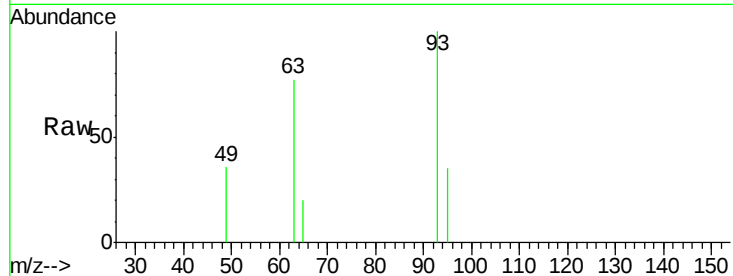




#11
bis(2-Chloroethyl)ether
Concen: 1.457 ng
RT: 7.66 min Scan# 743
Delta R.T. 0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

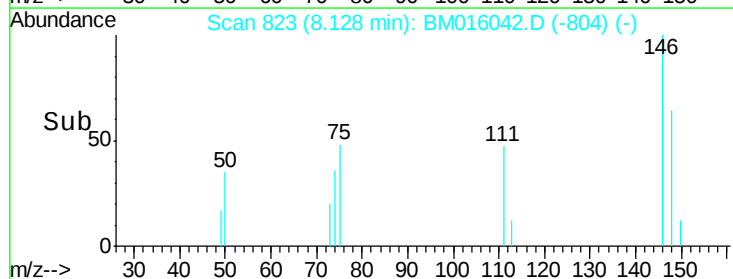
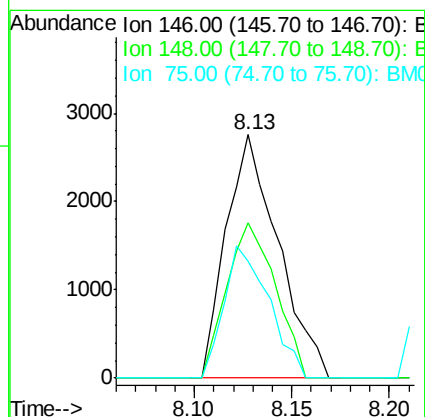
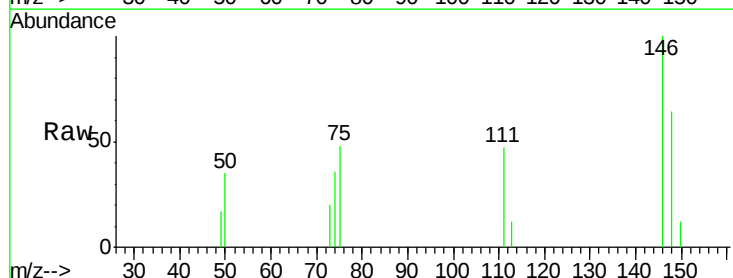
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

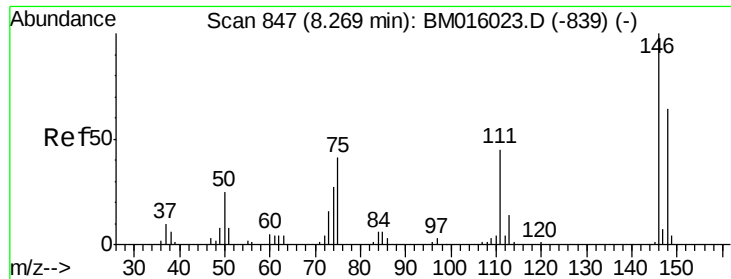
Tgt Ion: 93 Resp: 3187
Ion Ratio Lower Upper
93 100
63 77.0 49.5 89.5
95 34.5 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 1.726 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion: 146 Resp: 5092
Ion Ratio Lower Upper
146 100
148 64.0 50.9 76.3
75 48.1 21.4 32.2#

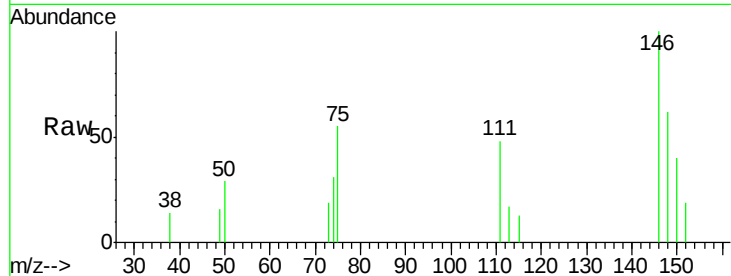




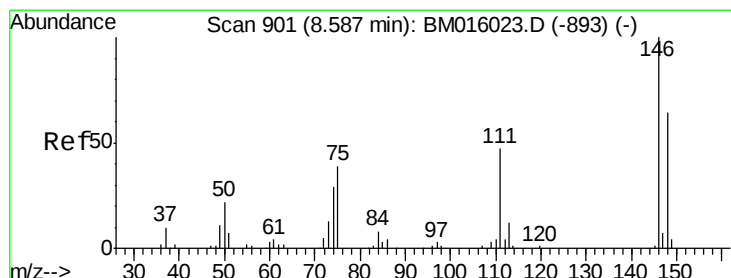
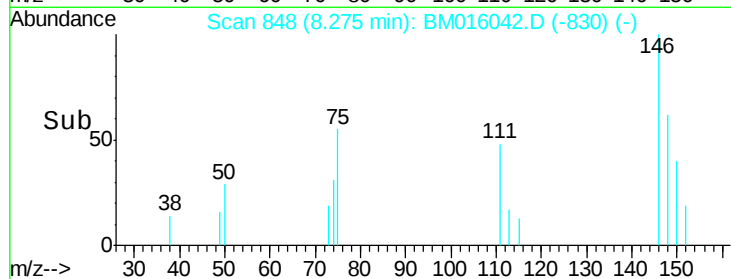
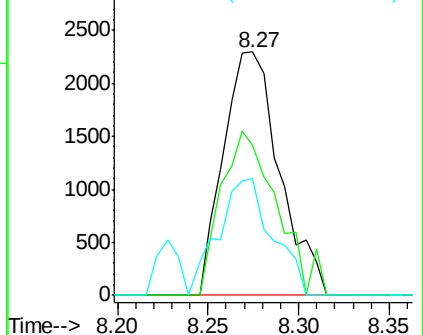
#13
 1,4-Dichlorobenzene
 Concen: 1.655 ng
 RT: 8.27 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:146 Resp: 4951
 Ion Ratio Lower Upper
 146 100
 148 61.9 51.9 77.9
 111 48.0 29.2 43.8#

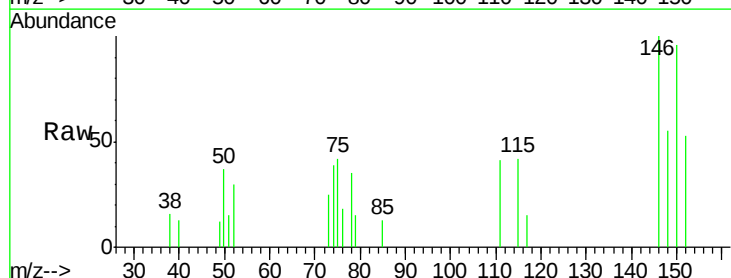


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

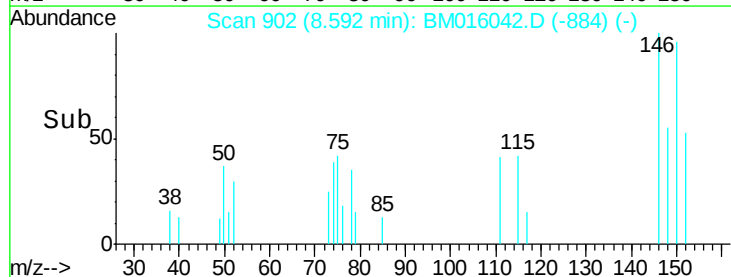
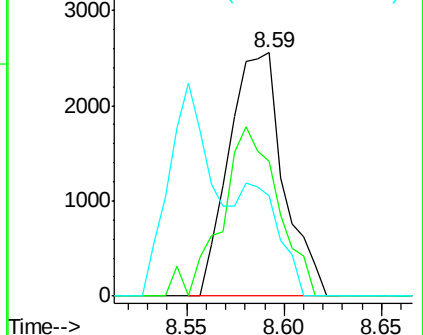


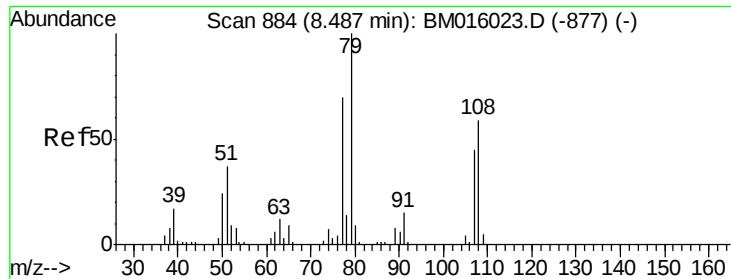
#14
 1,2-Dichlorobenzene
 Concen: 1.695 ng
 RT: 8.59 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:146 Resp: 4961
 Ion Ratio Lower Upper
 146 100
 148 55.4 52.3 78.5
 111 41.4 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: 3.222 ng

RT: 8.55 min Scan# 895

Delta R.T. 0.06 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

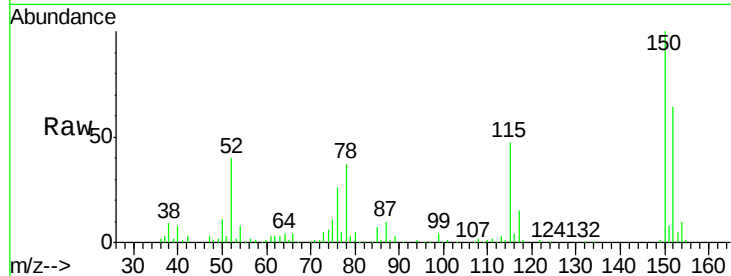
Tgt Ion: 79 Resp: 7104

Ion Ratio Lower Upper

79 100

108 63.1 65.0 97.4#

77 165.6 53.0 79.6#

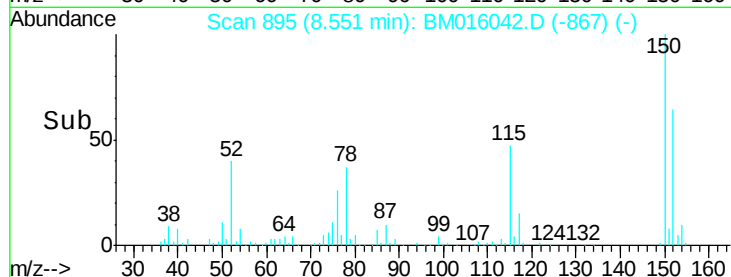


Abundance Ion 79.00 (78.70 to 79.70): BM016023.D (-877) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-877) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-877) (-)

Time-->

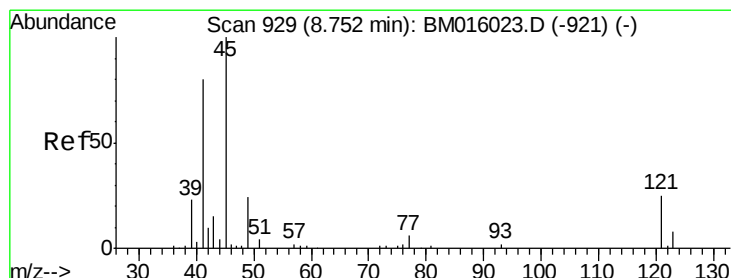


Abundance Ion 79.00 (78.70 to 79.70): BM016042.D (-867) (-)

Ion 108.00 (107.70 to 108.70): BM016042.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM016042.D (-867) (-)

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.601 ng

RT: 8.76 min Scan# 931

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

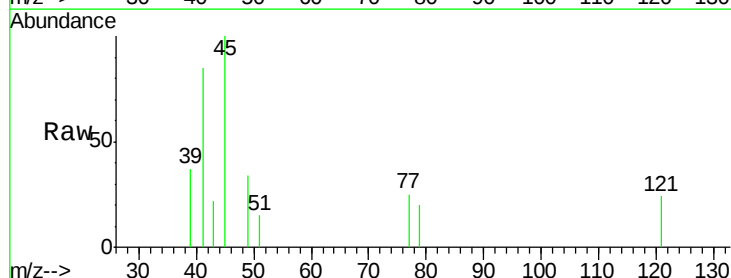
Tgt Ion: 45 Resp: 5359

Ion Ratio Lower Upper

45 100

77 25.5 0.0 35.2

79 20.0 0.0 32.0

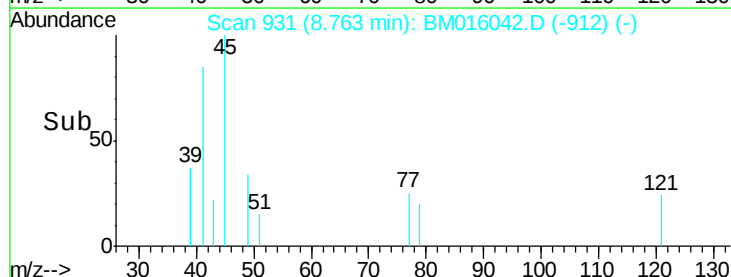


Abundance Ion 45.00 (44.70 to 45.70): BM016023.D (-921) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-921) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-921) (-)

Time-->

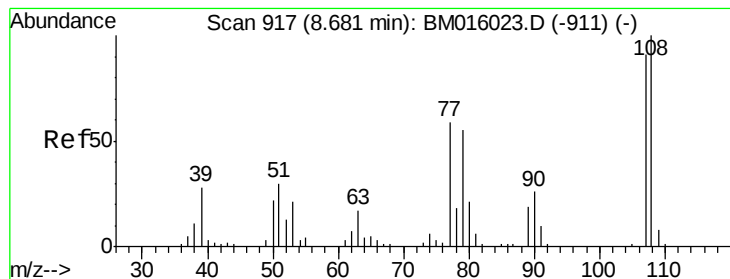


Abundance Ion 45.00 (44.70 to 45.70): BM016042.D (-912) (-)

Ion 77.00 (76.70 to 77.70): BM016042.D (-912) (-)

Ion 79.00 (78.70 to 79.70): BM016042.D (-912) (-)

Time-->



#17

2-Methylphenol

Concen: 1.486 ng

RT: 8.71 min Scan# 922

Delta R.T. 0.03 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion:107 Resp: 2812

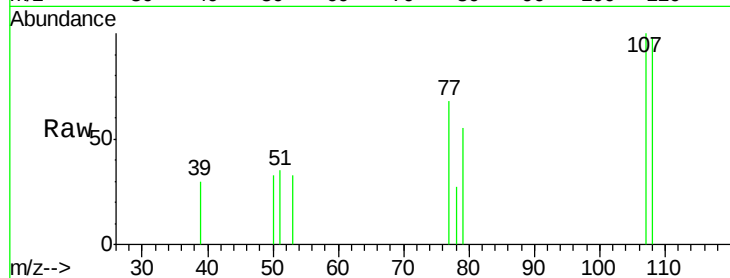
Ion Ratio Lower Upper

107 100

108 98.4 89.8 134.8

77 68.1 32.6 48.8#

79 55.3 32.8 49.2#



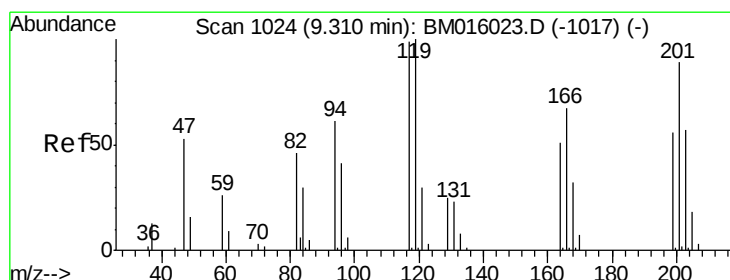
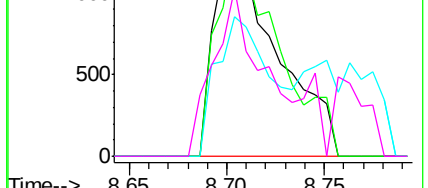
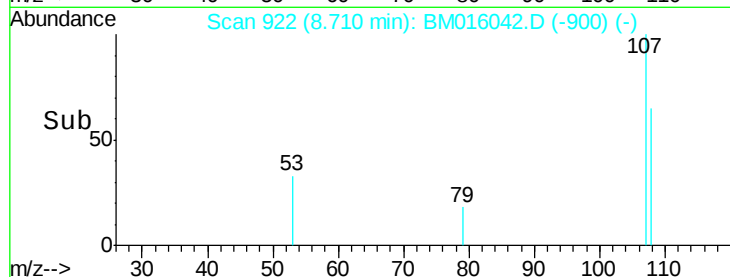
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

Time--> 8.65 8.70 8.75



#18

Hexachloroethane

Concen: 1.570 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

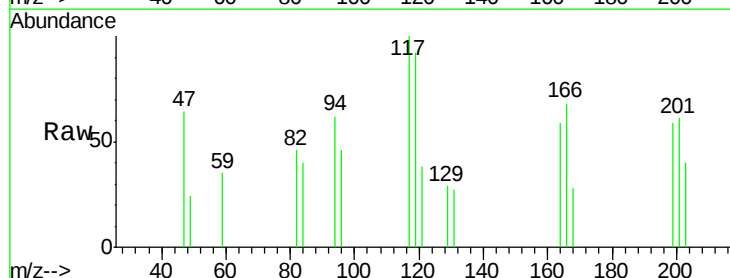
Tgt Ion:117 Resp: 2030

Ion Ratio Lower Upper

117 100

119 92.2 79.2 118.8

201 61.1 69.8 104.6#

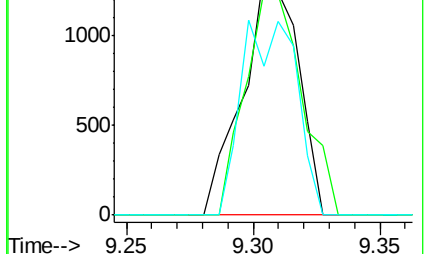
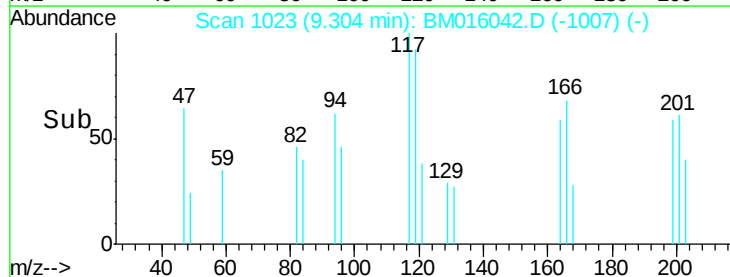


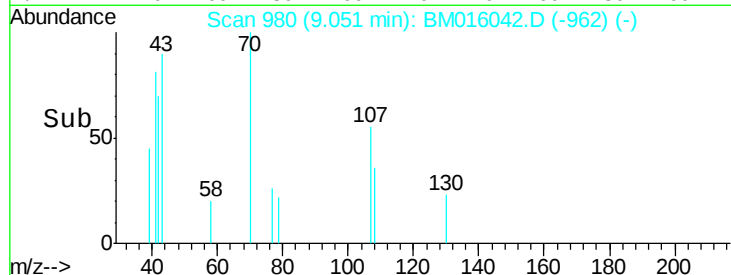
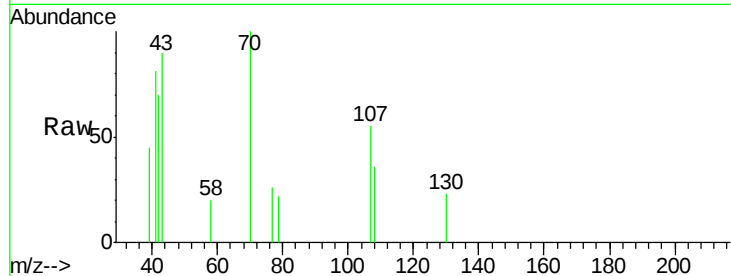
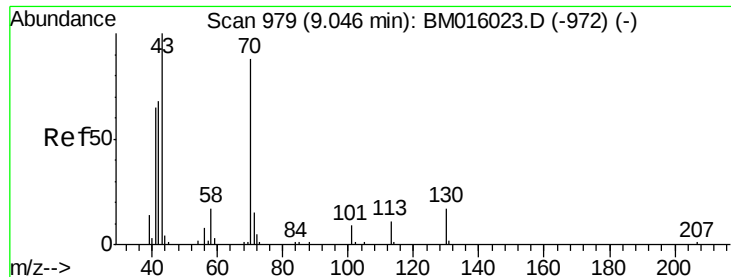
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

Time--> 9.25 9.30 9.35

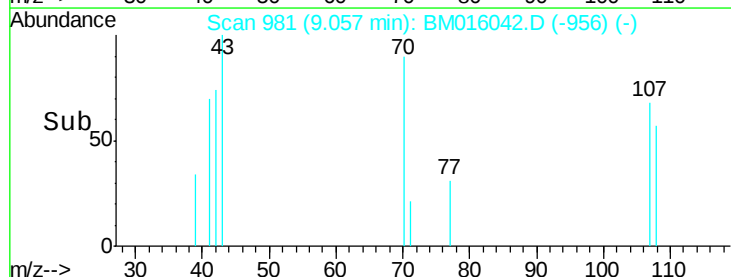
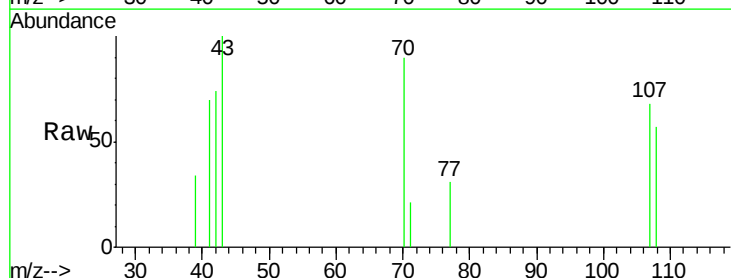
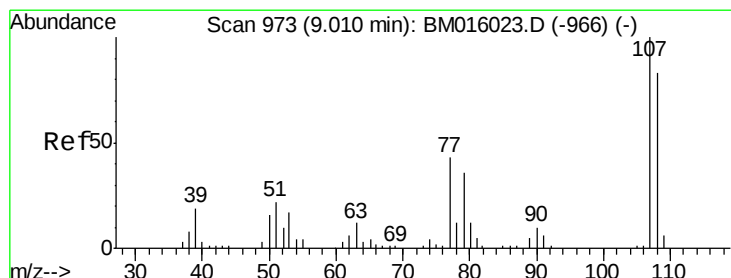
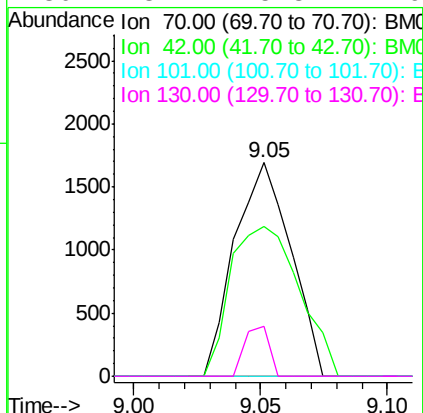




#19
n-Nitroso-di-n-propylamine
Concen: 1.294 ng
RT: 9.05 min Scan# 980
Delta R.T. 0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

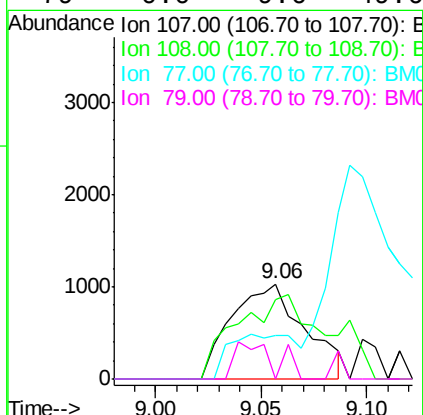
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:	70	Resp:	2618
Ion	Ratio	Lower	Upper
70	100		
42	70.0	44.5	66.7#
101	0.0	7.4	11.2#
130	23.2	15.3	22.9#



#20
3+4-Methylphenols
Concen: 0.910 ng
RT: 9.06 min Scan# 981
Delta R.T. 0.05 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion:	107	Resp:	2477
Ion	Ratio	Lower	Upper
107	100		
108	82.8	73.2	113.2
77	45.6	10.7	50.7
79	0.0	9.6	49.6#

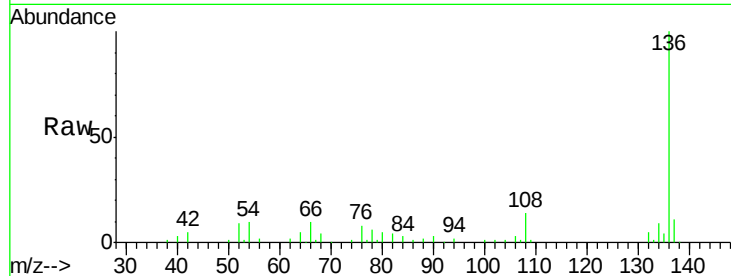




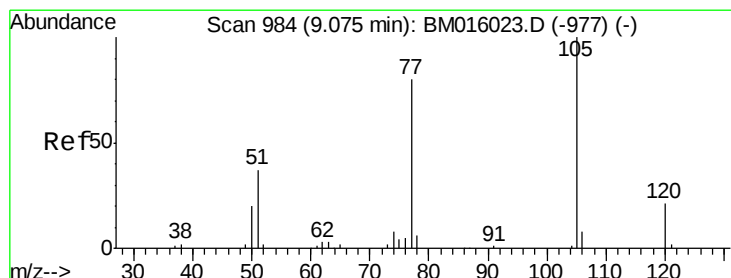
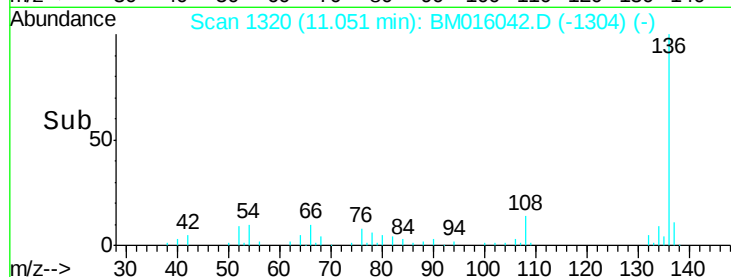
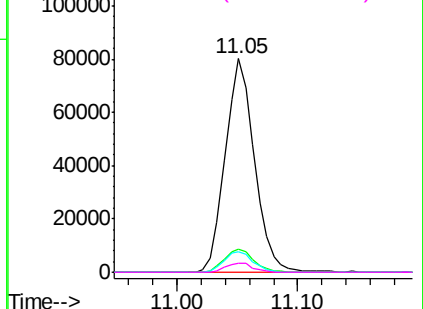
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion:136 Resp: 134982
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 4.6 6.8#
68 3.9 3.7 5.5

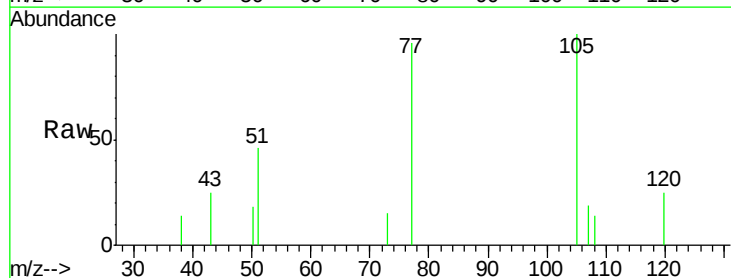


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

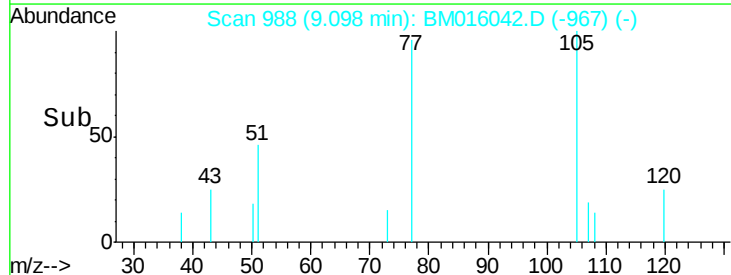
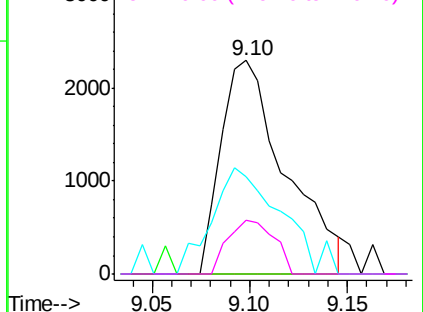


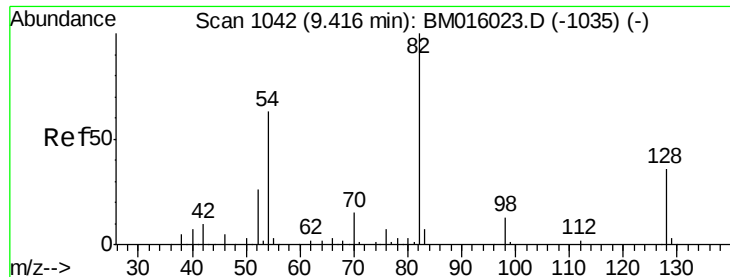
#22
Acetophenone
Concen: 1.548 ng
RT: 9.10 min Scan# 988
Delta R.T. 0.02 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion:105 Resp: 5263
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 45.6 21.6 32.4#
120 25.2 16.1 24.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM
Ion 51.00 (50.70 to 51.70): BM
Ion 120.00 (119.70 to 120.70): E

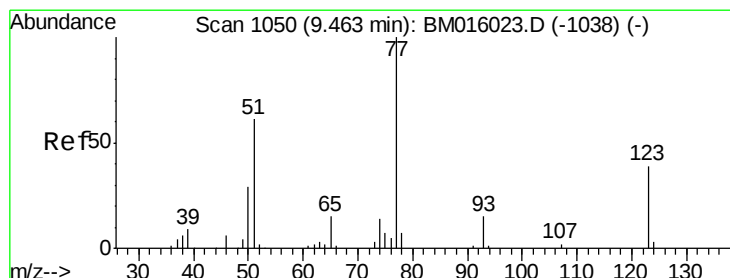
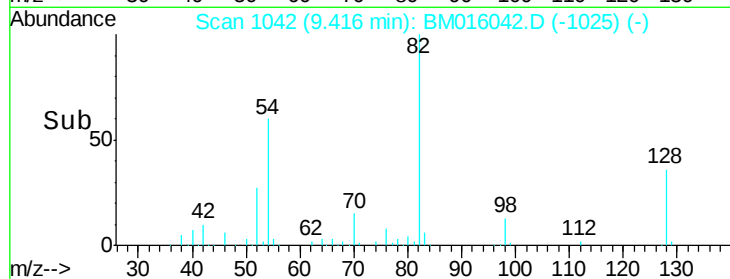
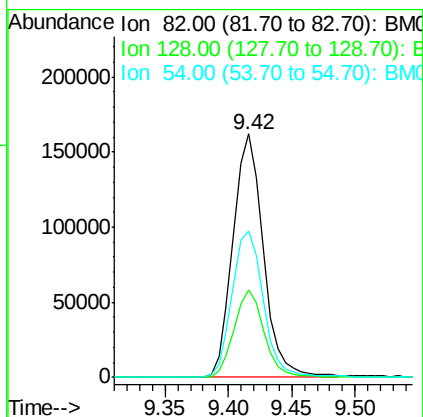
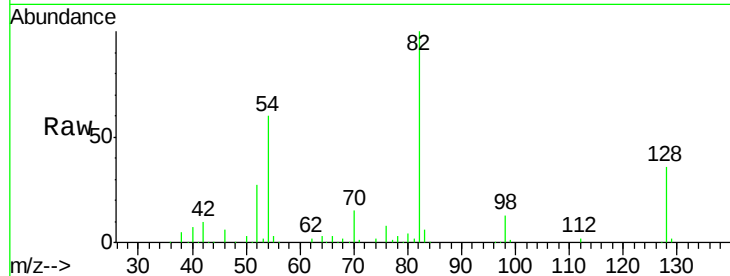




#23
 Nitrobenzene-d5
 Concen: 1.548 ng
 RT: 9.42 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

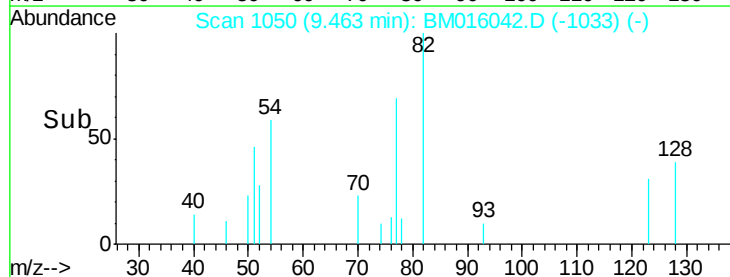
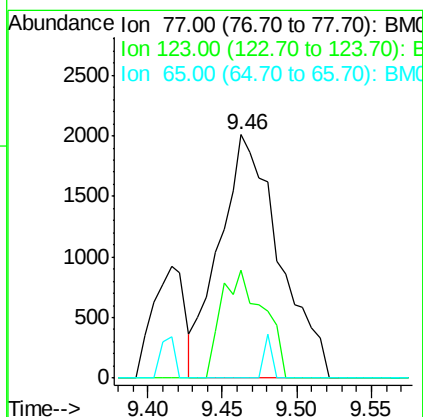
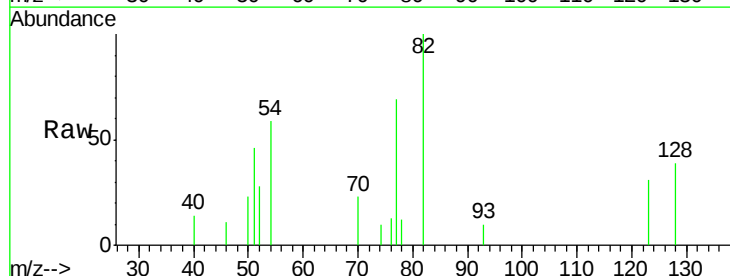
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

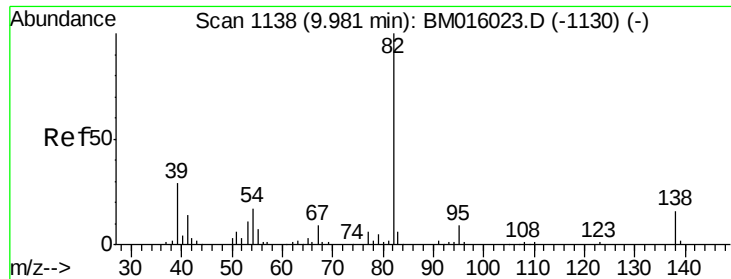
Tgt Ion: 82 Resp: 269432
 Ion Ratio Lower Upper
 82 100
 128 36.2 32.8 49.2
 54 60.1 40.6 60.8



#24
 Nitrobenzene
 Concen: 1.920 ng
 RT: 9.46 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion: 77 Resp: 5609
 Ion Ratio Lower Upper
 77 100
 123 44.4 32.6 49.0
 65 0.0 10.9 16.3#





#25

Isophorone

Concen: 1.725 ng

RT: 9.98 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

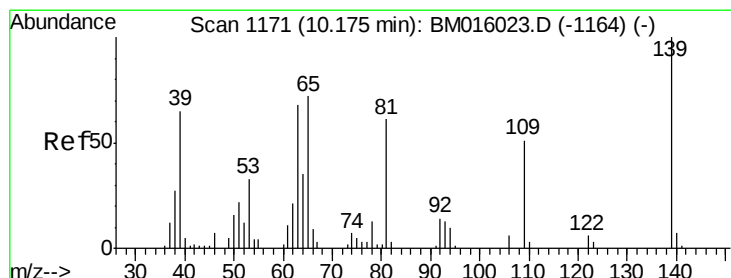
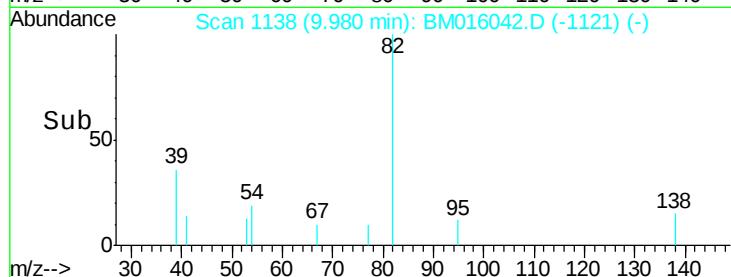
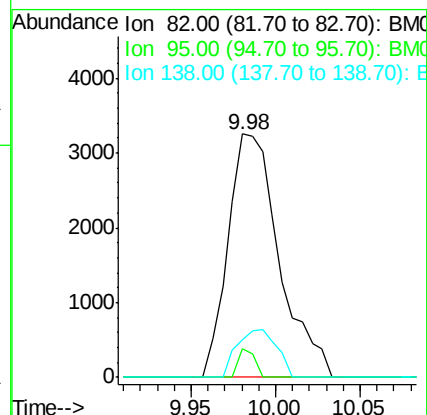
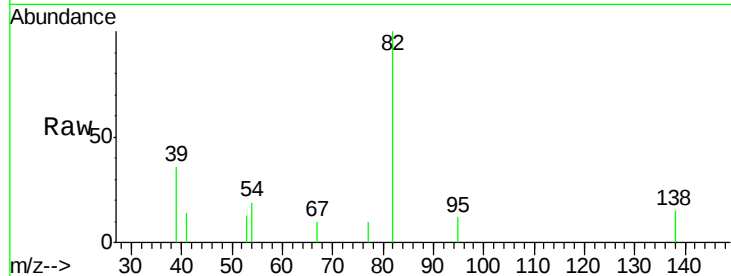
Tgt Ion: 82 Resp: 6846

Ion Ratio Lower Upper

82 100

95 11.6 5.8 8.6#

138 15.5 16.3 24.5#



#26

2-Nitrophenol

Concen: 0.486 ng

RT: 10.22 min Scan# 1179

Delta R.T. 0.05 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

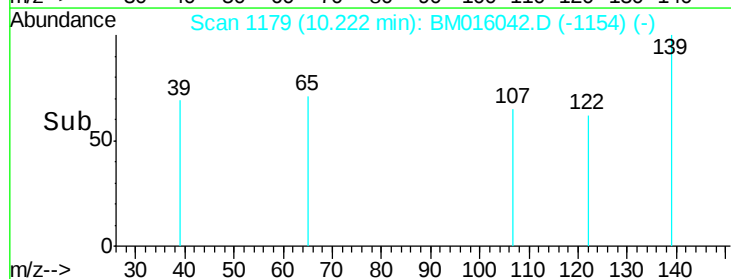
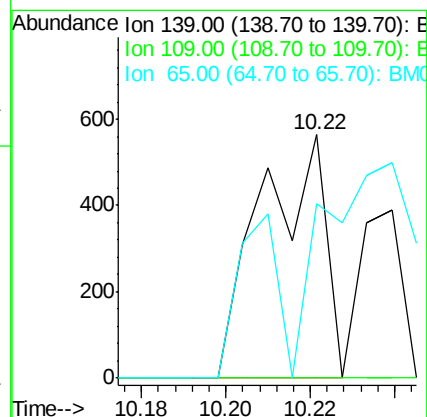
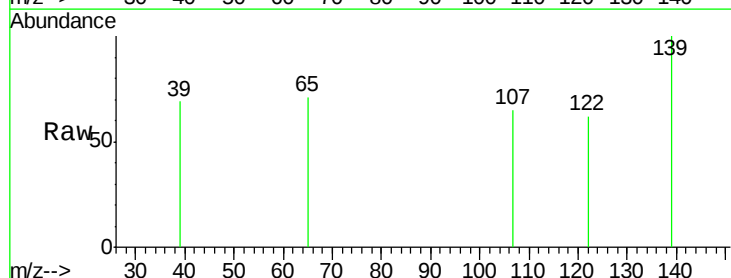
Tgt Ion: 139 Resp: 593

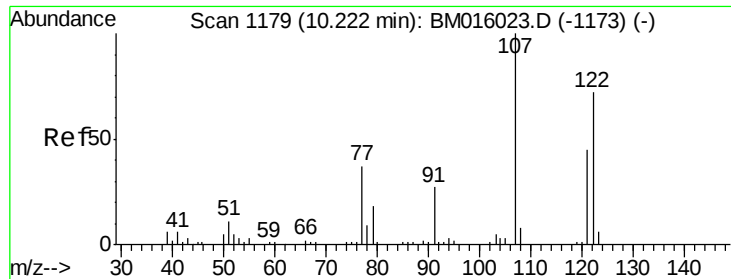
Ion Ratio Lower Upper

139 100

109 0.0 20.1 30.1#

65 71.5 31.5 47.3#

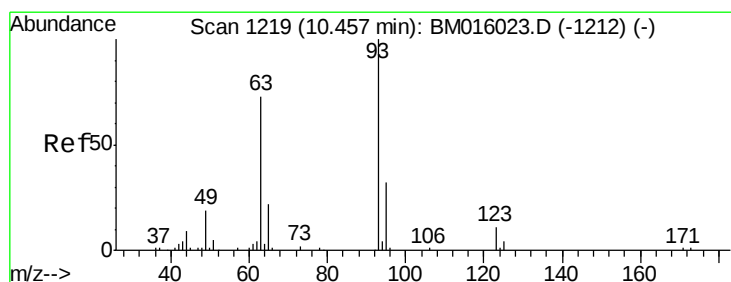
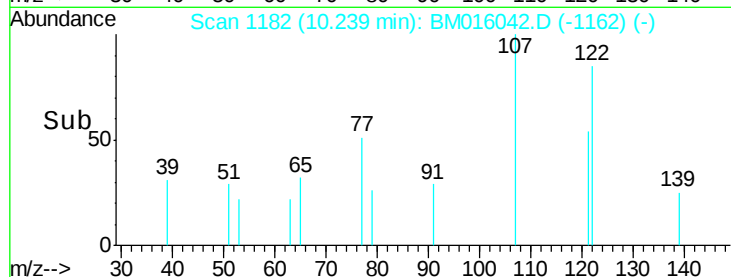
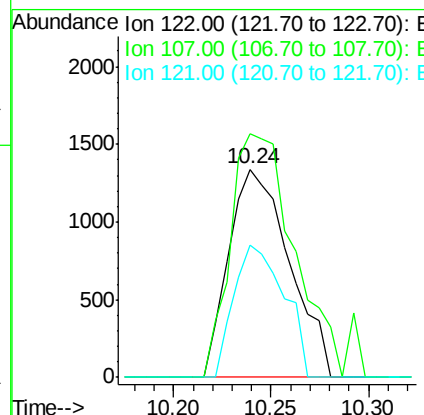
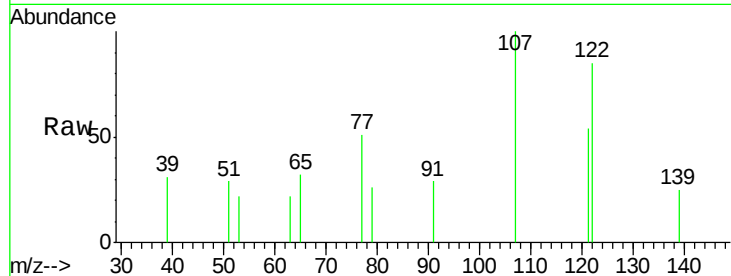




#27
 2,4-Dimethylphenol
 Concen: 1.698 ng
 RT: 10.24 min Scan# 1182
 Delta R.T. 0.02 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

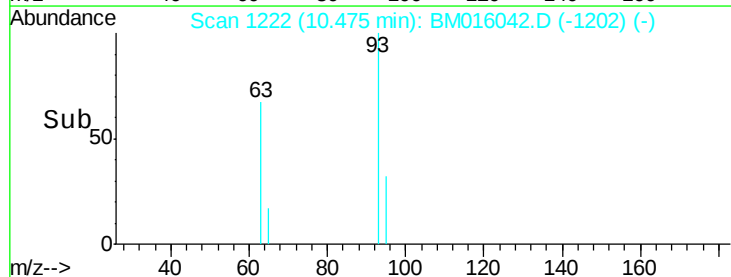
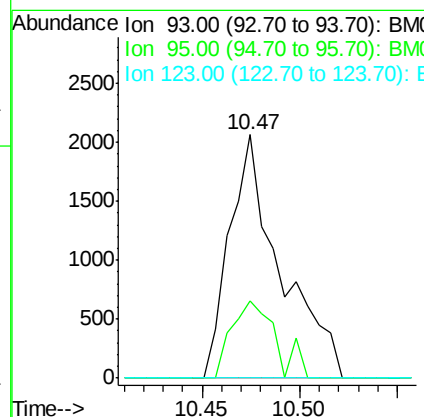
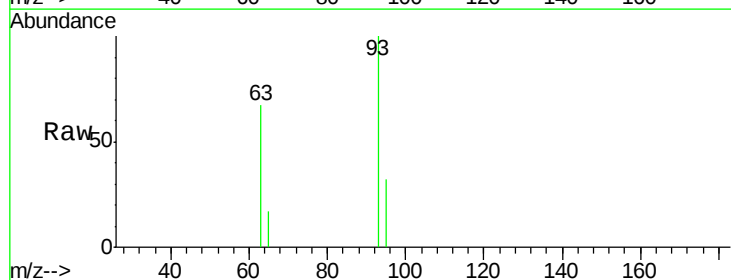
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

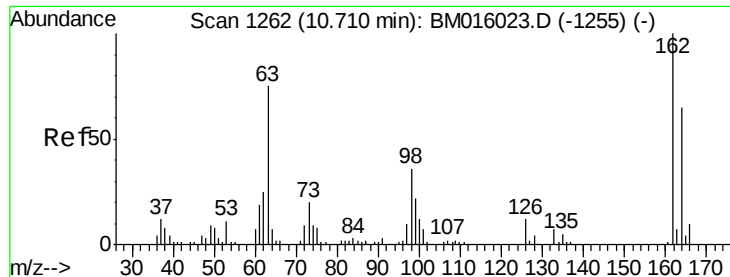
Tgt Ion: 122 Resp: 2885
 Ion Ratio Lower Upper
 122 100
 107 117.1 84.7 127.1
 121 63.8 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 1.440 ng
 RT: 10.47 min Scan# 1222
 Delta R.T. 0.02 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion: 93 Resp: 3715
 Ion Ratio Lower Upper
 93 100
 95 31.7 25.5 38.3
 123 0.0 8.6 13.0#

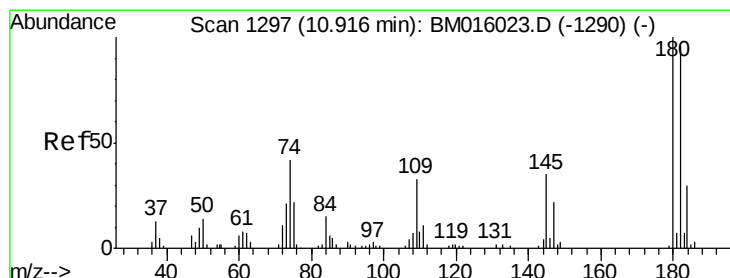
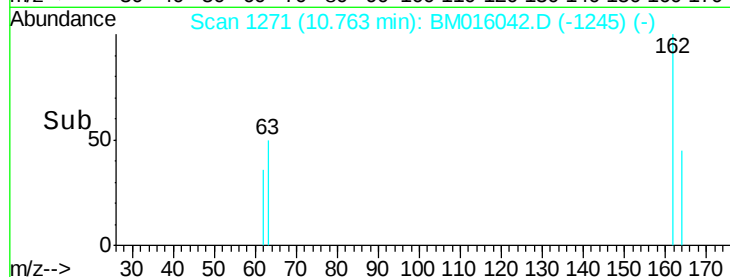
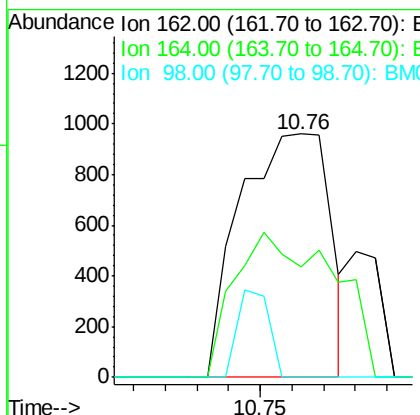
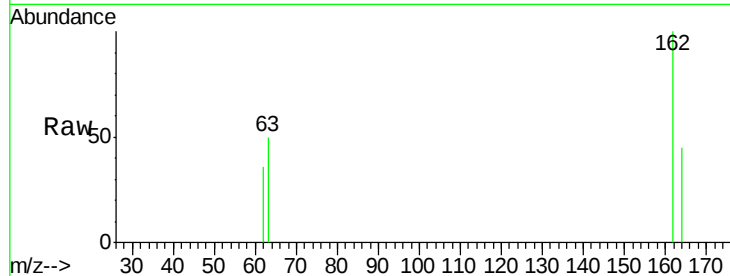




#29
 2,4-Dichlorophenol
 Concen: 0.936 ng
 RT: 10.76 min Scan# 1271
 Delta R.T. 0.05 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

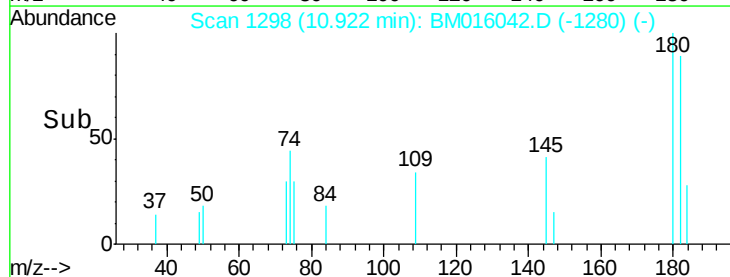
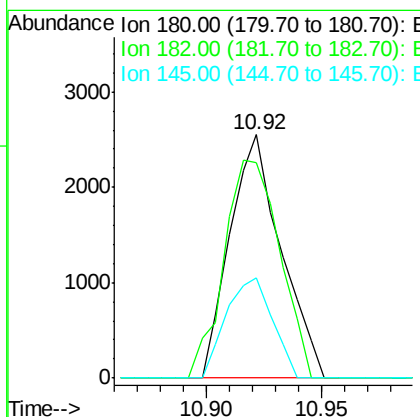
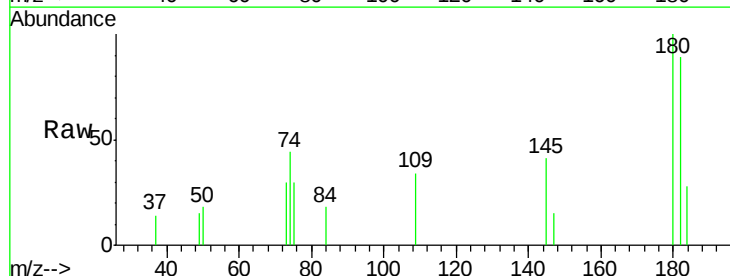
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

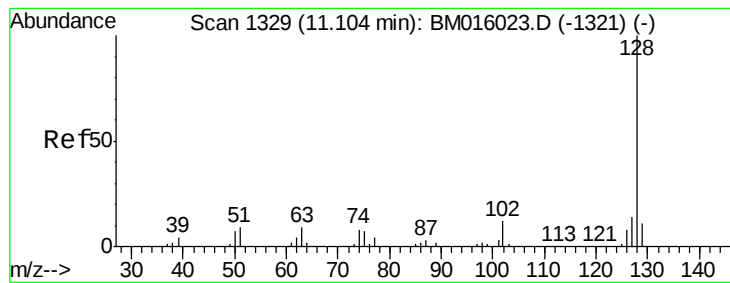
Tgt Ion:162 Resp: 1890
 Ion Ratio Lower Upper
 162 100
 164 45.2 42.8 82.8
 98 0.0 14.5 54.5#



#30
 1,2,4-Trichlorobenzene
 Concen: 1.602 ng
 RT: 10.92 min Scan# 1298
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:180 Resp: 3929
 Ion Ratio Lower Upper
 180 100
 182 88.6 77.6 116.4
 145 41.2 23.4 35.2#





#31

Naphthalene

Concen: 1.927 ng

RT: 11.10 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

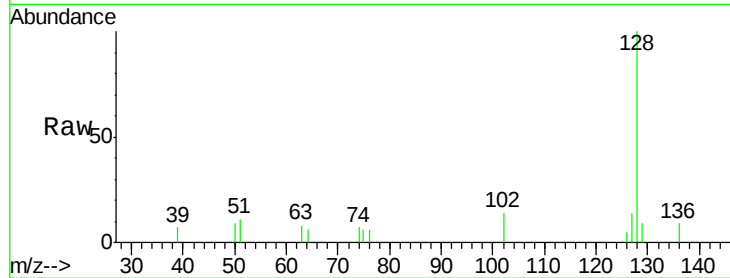
Tgt Ion:128 Resp: 13162

Ion Ratio Lower Upper

128 100

129 9.1 8.9 13.3

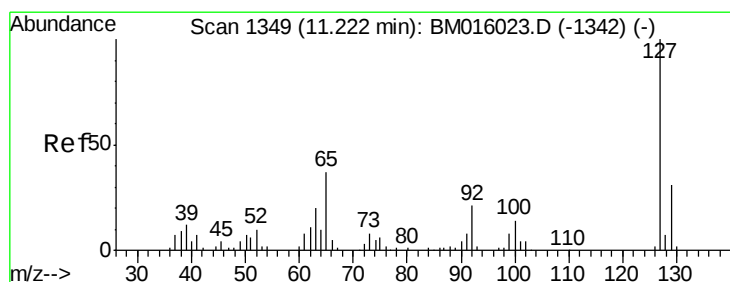
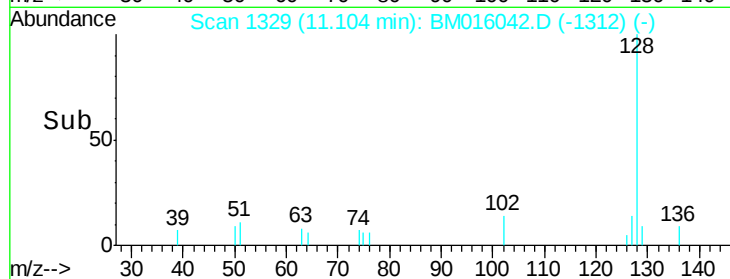
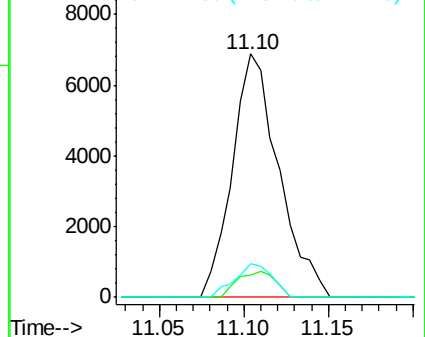
127 14.0 10.4 15.6



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



#33

4-Chloroaniline

Concen: 0.550 ng

RT: 11.27 min Scan# 1357

Delta R.T. 0.05 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Tgt Ion:127 Resp: 1534

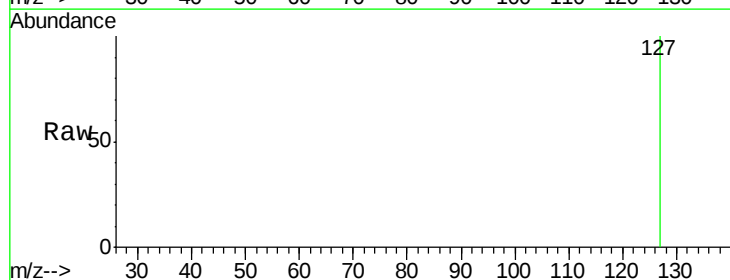
Ion Ratio Lower Upper

127 100

129 0.0 25.3 37.9#

65 0.0 17.6 26.4#

92 0.0 13.1 19.7#

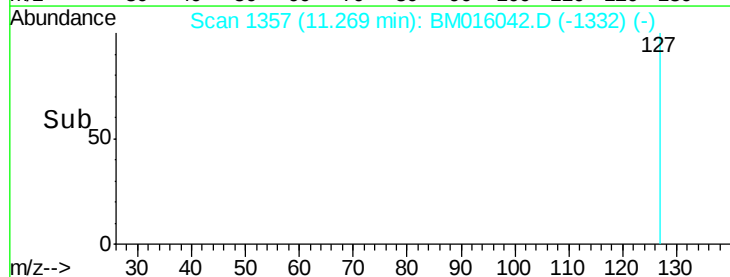
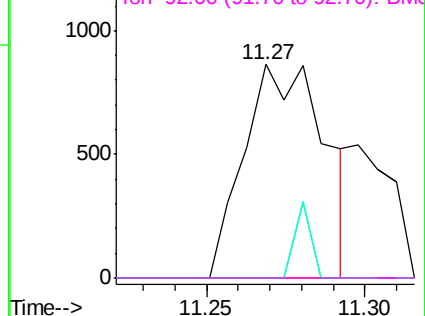


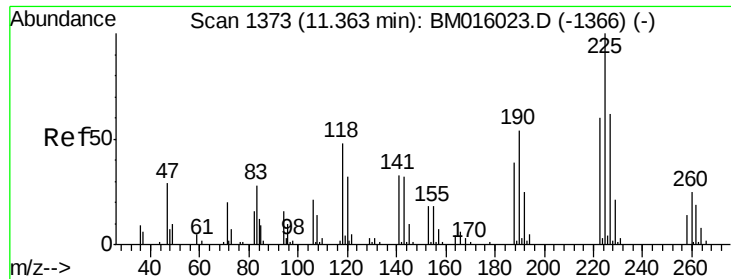
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

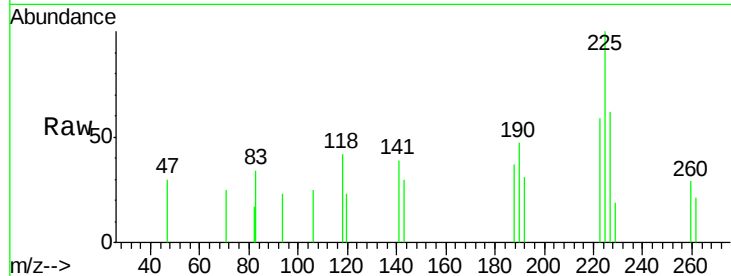




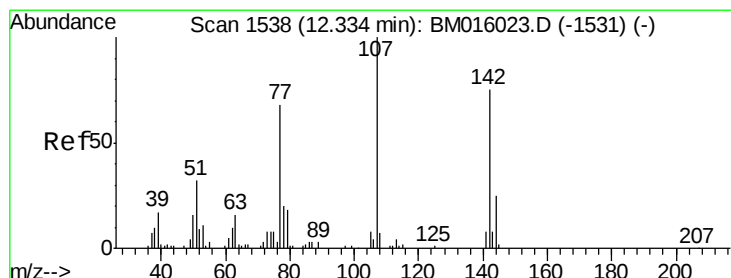
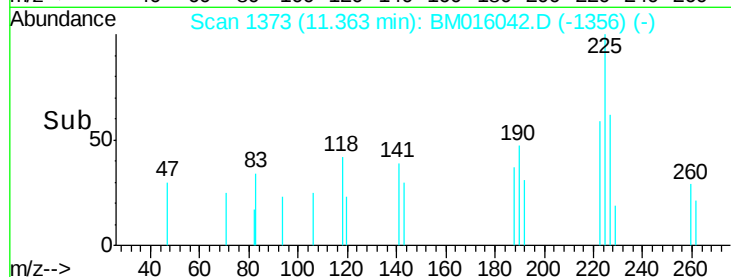
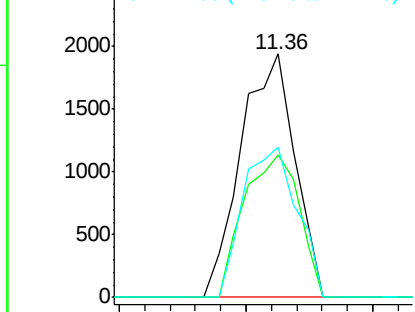
#34
Hexachlorobutadiene
Concen: 1.680 ng
RT: 11.36 min Scan# 1373
Delta R.T. -0.00 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 225 Resp: 2858
Ion Ratio Lower Upper
225 100
223 58.6 47.9 71.9
227 61.7 50.1 75.1

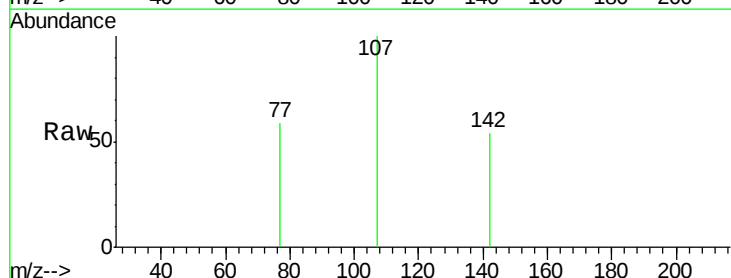


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

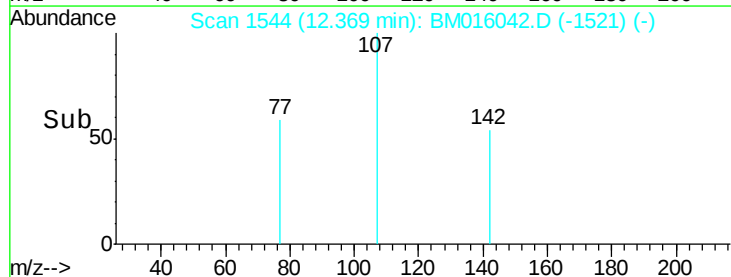
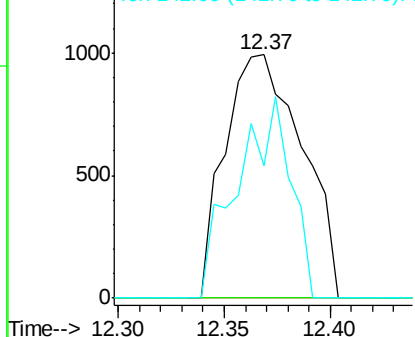


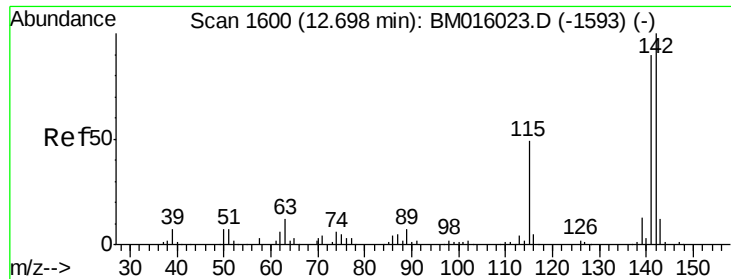
#36
4-Chloro-3-methylphenol
Concen: 1.137 ng
RT: 12.37 min Scan# 1544
Delta R.T. 0.03 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion: 107 Resp: 2524
Ion Ratio Lower Upper
107 100
144 0.0 23.3 34.9#
142 54.1 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

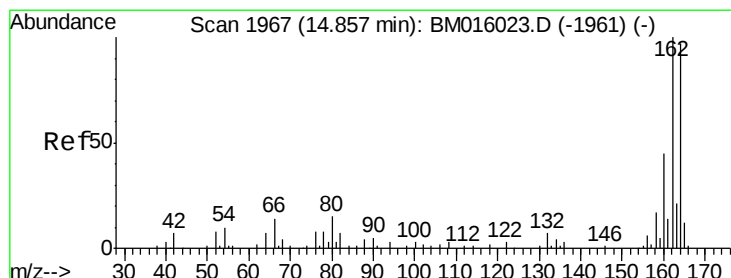
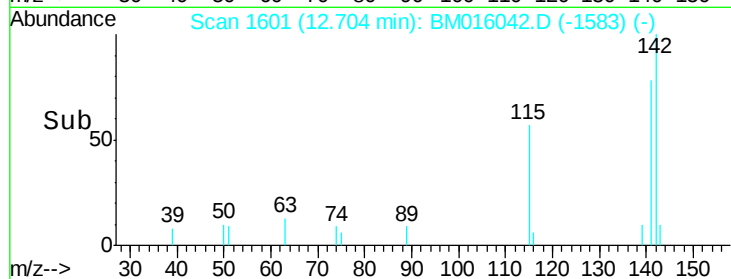
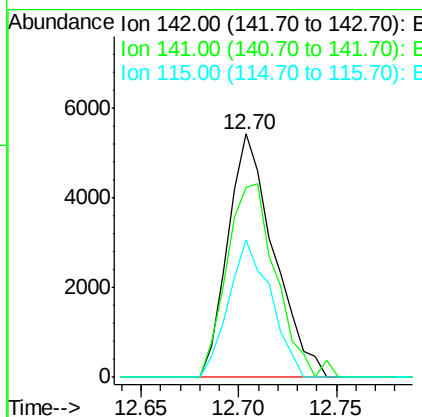
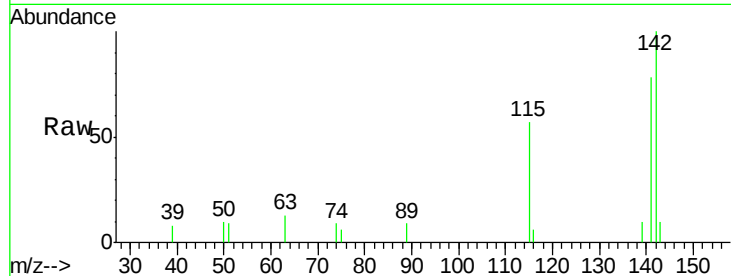




#37
 2-Methylnaphthalene
 Concen: 1.933 ng
 RT: 12.70 min Scan# 1601
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

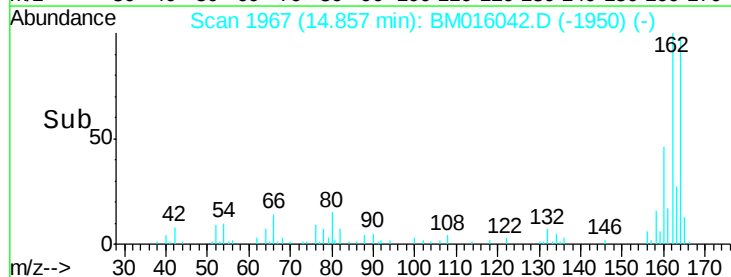
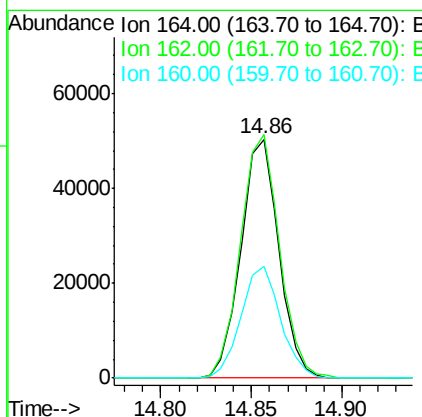
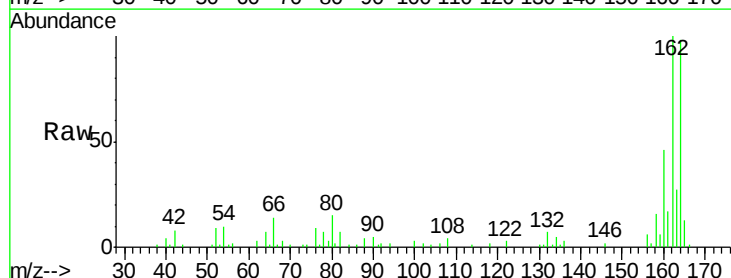
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

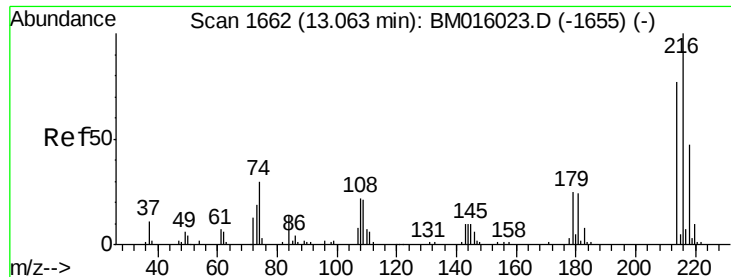
Tgt Ion:142 Resp: 8848
 Ion Ratio Lower Upper
 142 100
 141 77.9 71.9 107.9
 115 56.6 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.86 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:164 Resp: 73015
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.4 123.6
 160 46.9 35.8 53.6

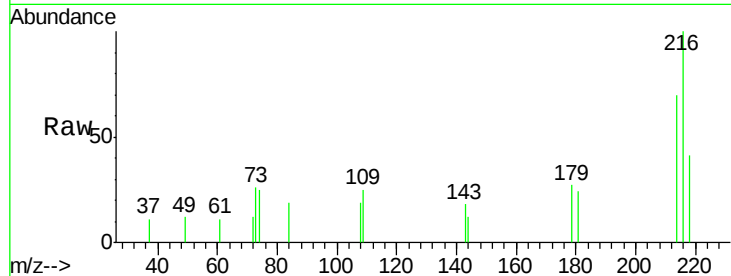




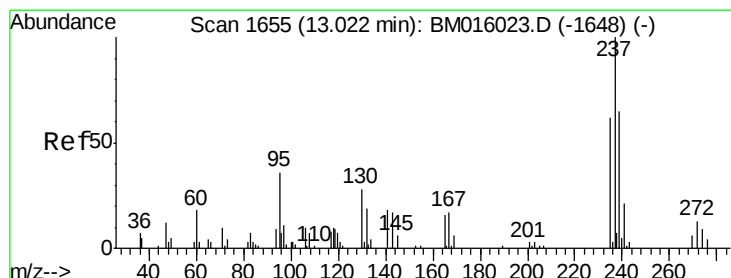
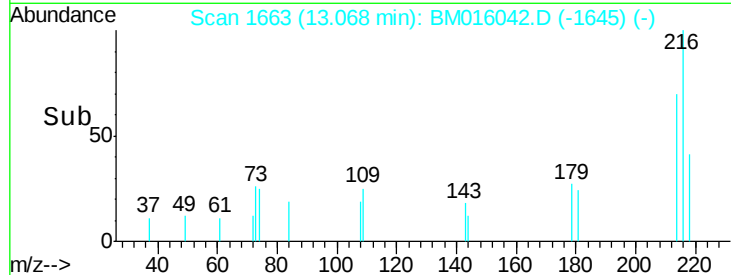
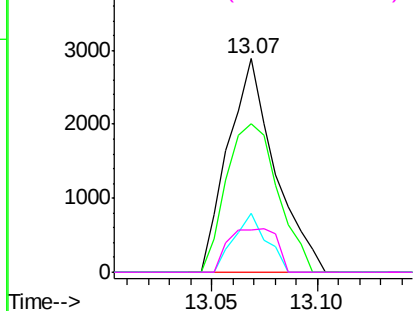
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 1.781 ng
 RT: 13.07 min Scan# 1663
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:	216	Resp:	4428
Ion	Ratio	Lower	Upper
216	100		
214	76.6	0.0	0.0#
179	19.0	0.0	0.0#
108	21.0	0.0	0.0#

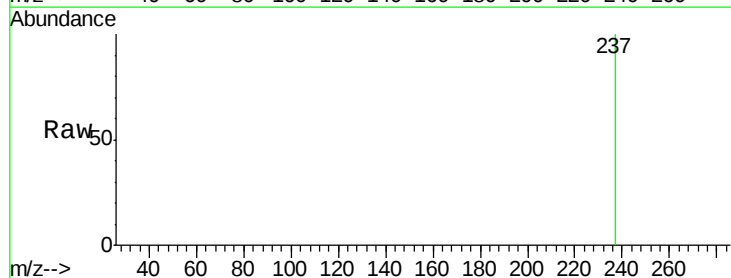


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

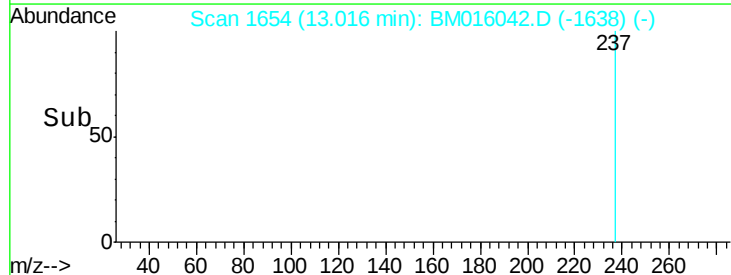
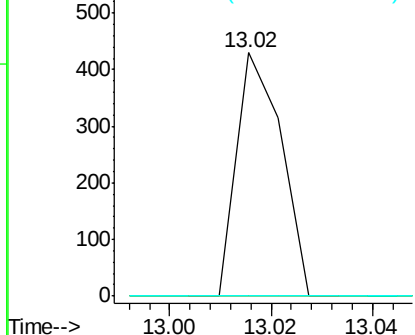


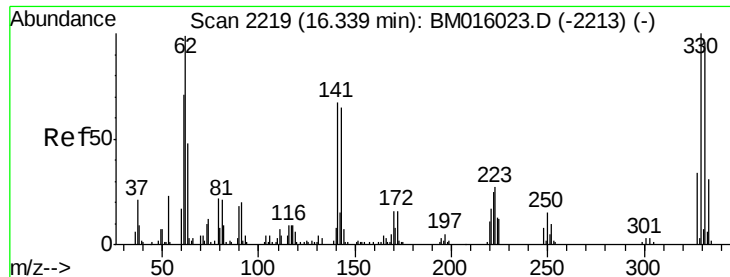
#40
 Hexachlorocyclopentadiene
 Concen: 7.867 ng
 RT: 13.02 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:	237	Resp:	263
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.0	82.0#
272	0.0	0.0	33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

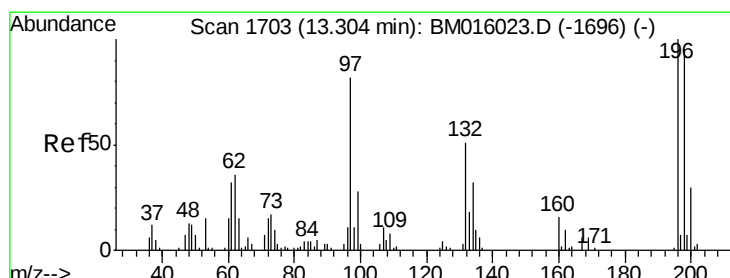
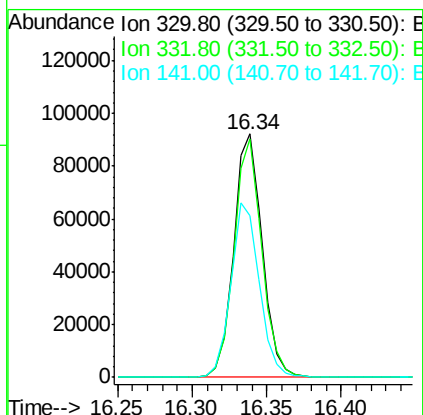
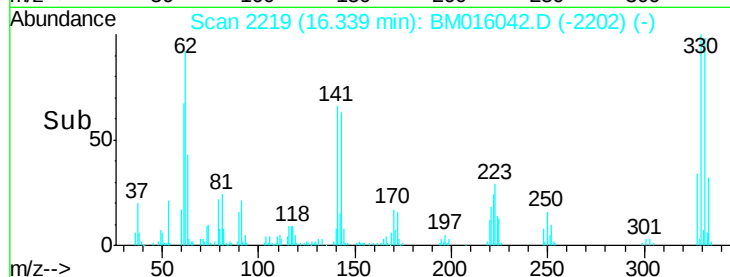
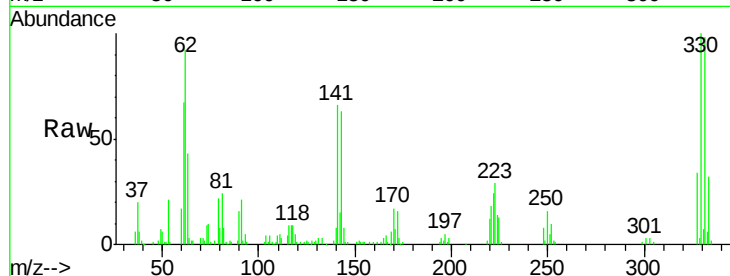




#41
 2,4,6-Tribromophenol
 Concen: 7.867 ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

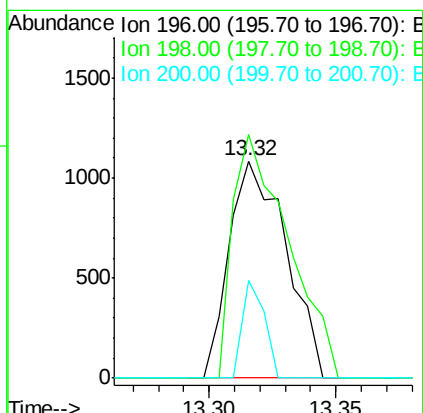
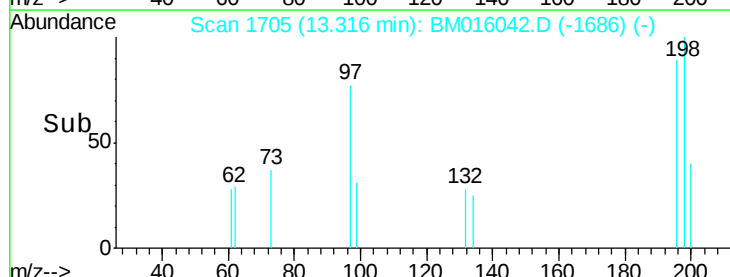
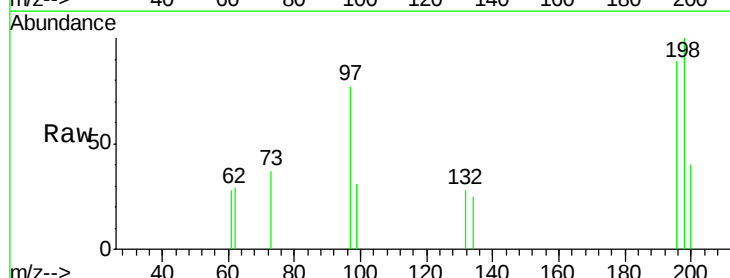
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

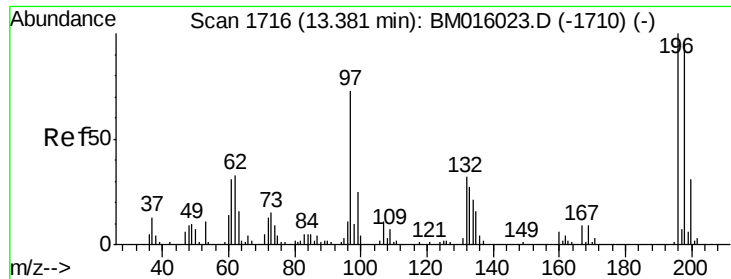
Tgt Ion:330 Resp: 123190
 Ion Ratio Lower Upper
 330 100
 332 95.4 0.0 0.0#
 141 71.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 1.093 ng
 RT: 13.32 min Scan# 1705
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:196 Resp: 1700
 Ion Ratio Lower Upper
 196 100
 198 112.1 76.3 114.5
 200 45.1 25.6 38.4#

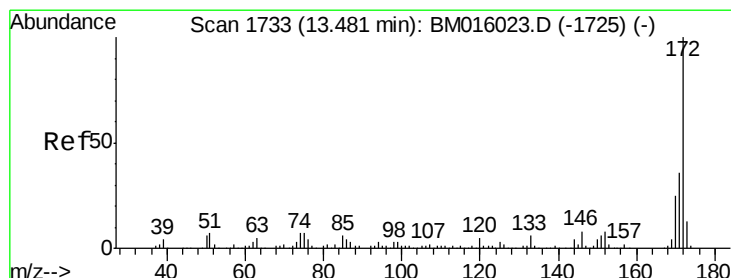
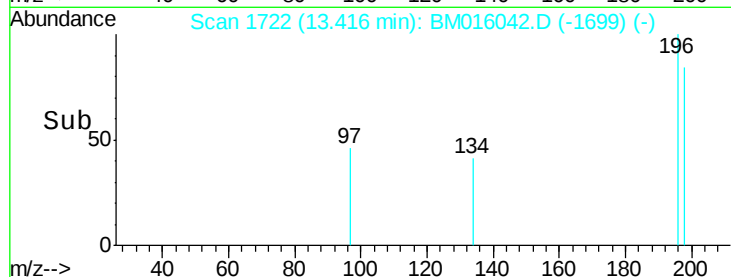
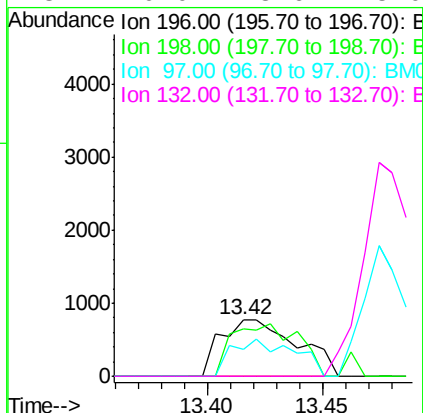
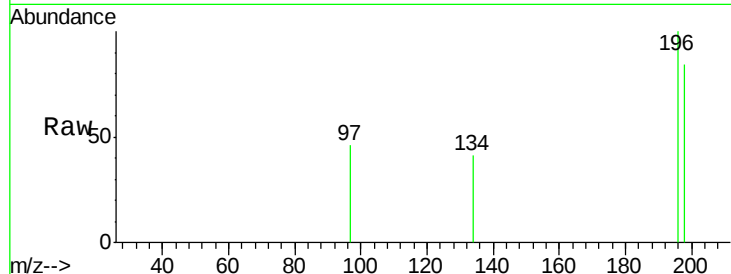




#43
 2,4,5-Trichlorophenol
 Concen: 1.104 ng
 RT: 13.42 min Scan# 1722
 Delta R.T. 0.03 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

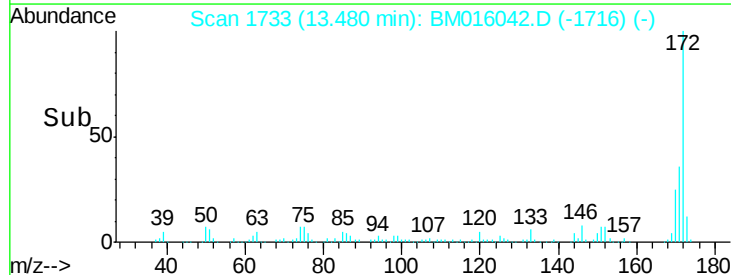
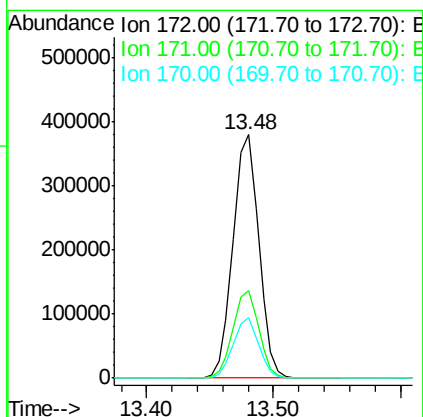
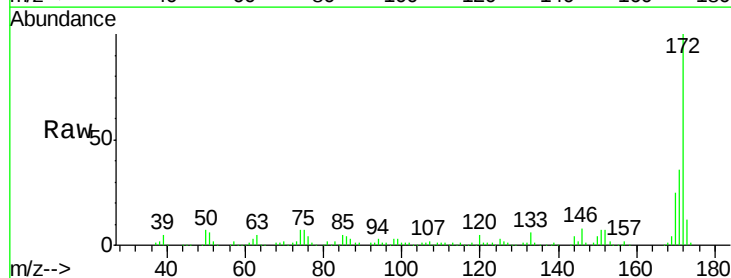
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

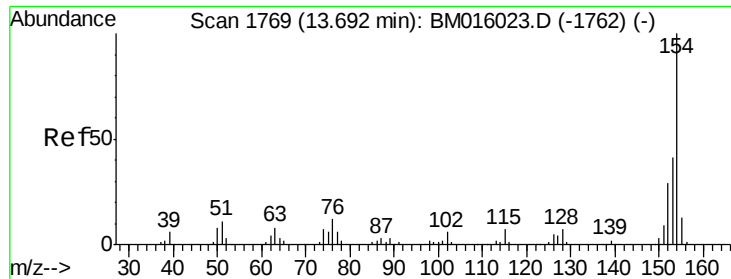
Tgt Ion:196 Resp: 1771
 Ion Ratio Lower Upper
 196 100
 198 83.6 79.4 119.0
 97 46.3 26.8 40.2#
 132 0.0 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 1.104 ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:172 Resp: 537163
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 25.1 18.8 28.2

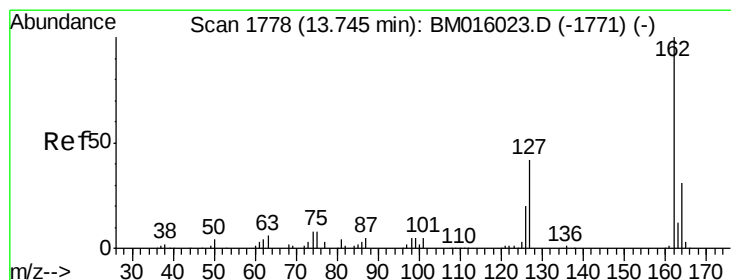
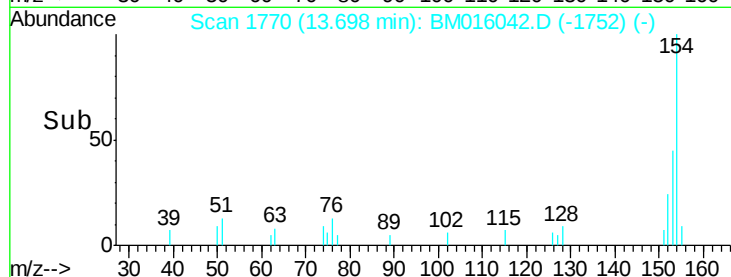
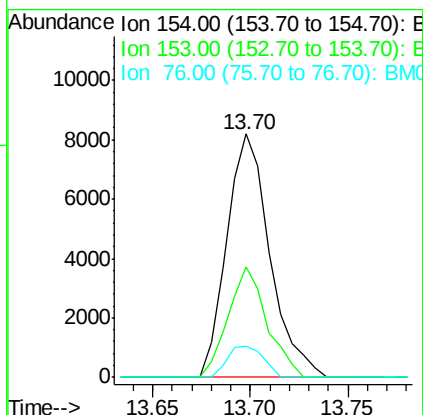
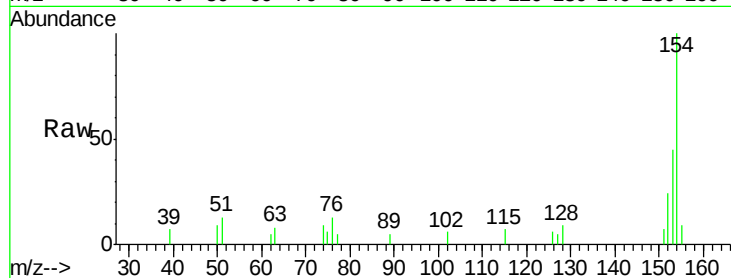




#45
 1,1'-Biphenyl
 Concen: 1.896 ng
 RT: 13.70 min Scan# 1770
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

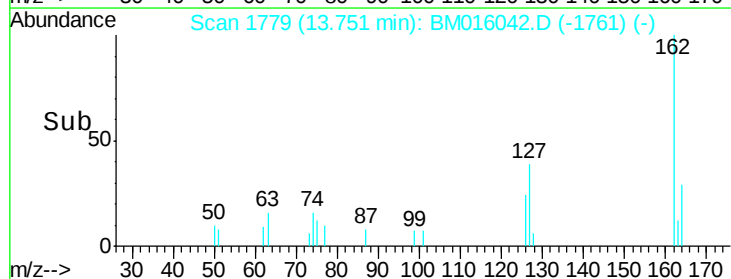
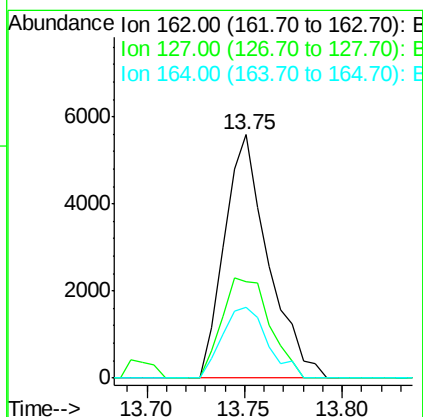
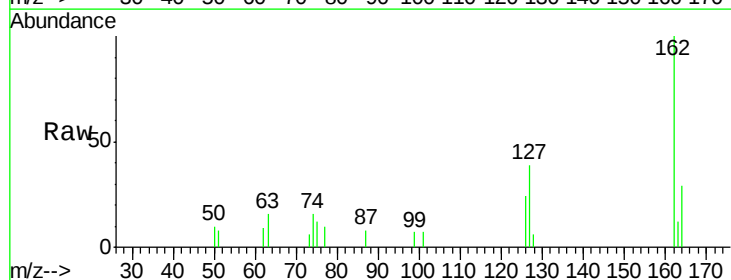
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

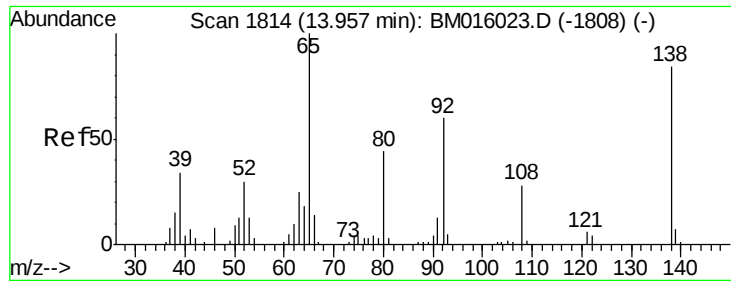
Tgt Ion:154 Resp: 12491
 Ion Ratio Lower Upper
 154 100
 153 45.2 20.7 60.7
 76 12.9 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 1.690 ng
 RT: 13.75 min Scan# 1779
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:162 Resp: 8661
 Ion Ratio Lower Upper
 162 100
 127 39.3 26.9 40.3
 164 28.8 26.8 40.2

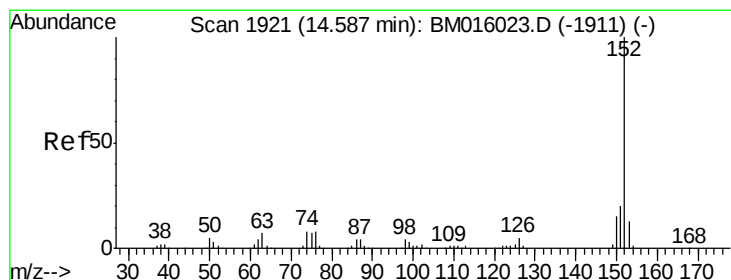
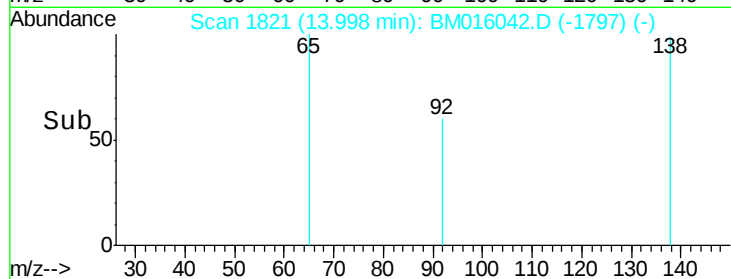
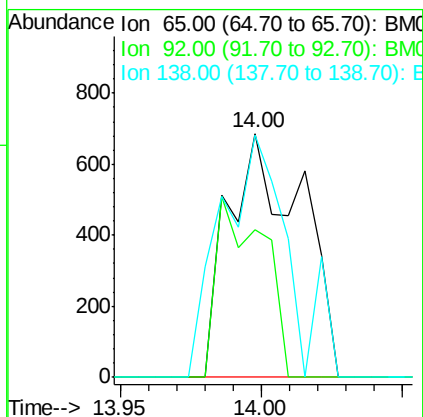
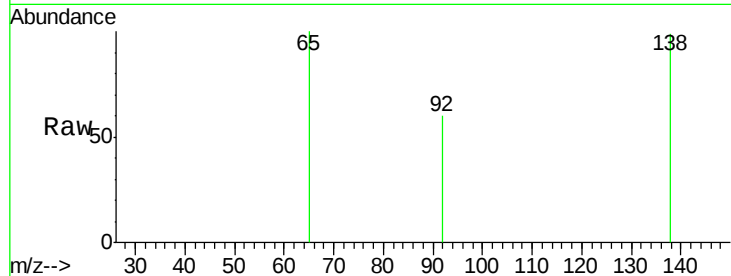




#47
2-Nitroaniline
Concen: 0.724 ng
RT: 14.00 min Scan# 1821
Delta R.T. 0.04 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

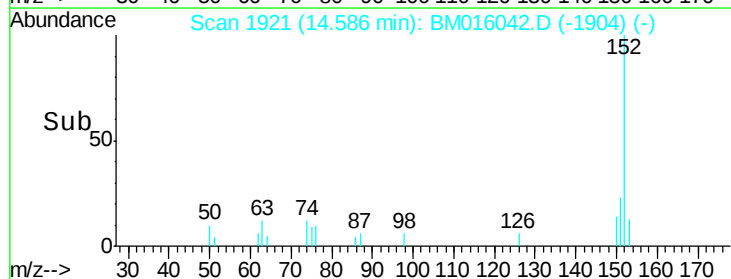
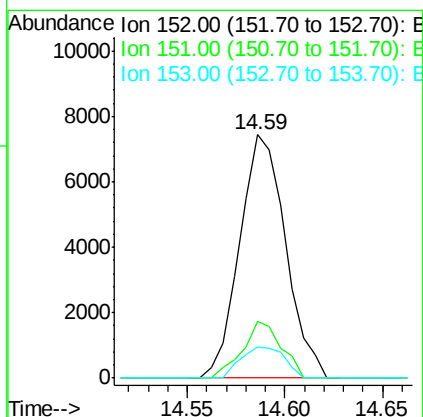
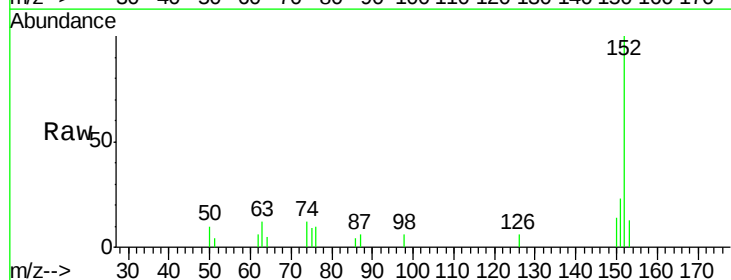
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

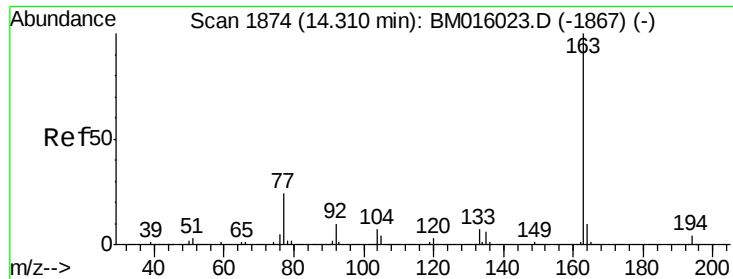
Tgt Ion: 65 Resp: 1226
Ion Ratio Lower Upper
65 100
92 60.3 59.1 88.7
138 99.4 93.9 140.9



#48
Acenaphthylene
Concen: 1.615 ng
RT: 14.59 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion: 152 Resp: 12118
Ion Ratio Lower Upper
152 100
151 23.4 15.9 23.9
153 12.7 10.6 16.0





#49

Dimethylphthalate

Concen: 1.751 ng

RT: 14.31 min Scan# 1874

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

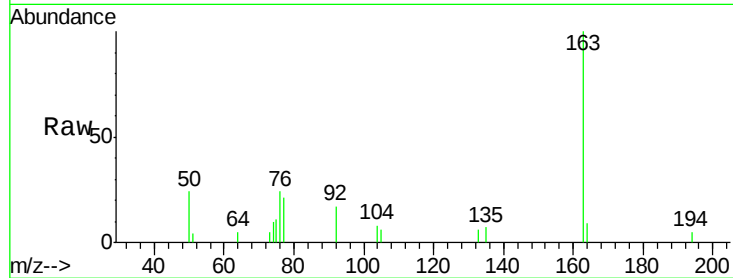
BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion:163 Resp: 11187

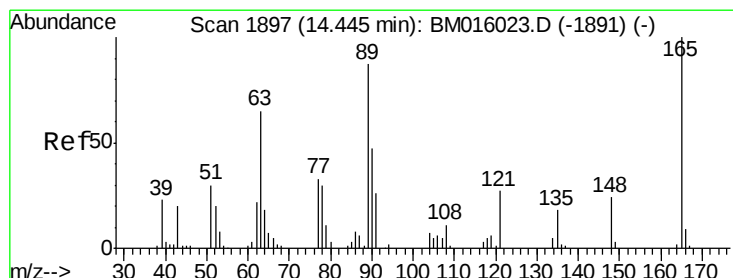
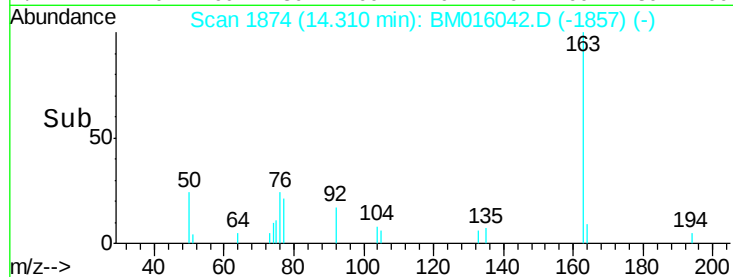
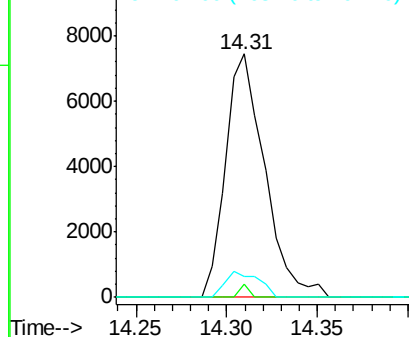
Ion	Ratio	Lower	Upper
163	100		
194	5.4	2.7	4.1#
164	8.5	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 1.208 ng

RT: 14.45 min Scan# 1898

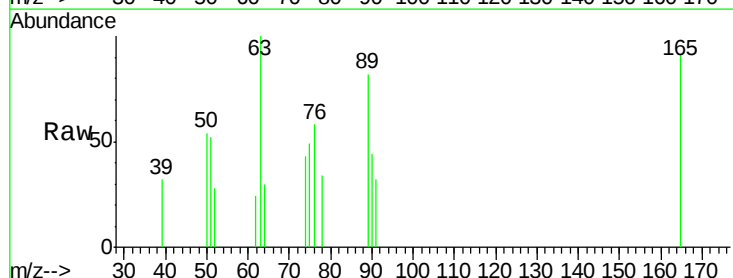
Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Tgt Ion:165 Resp: 1553

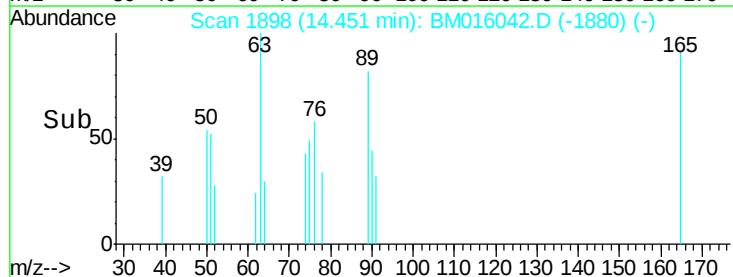
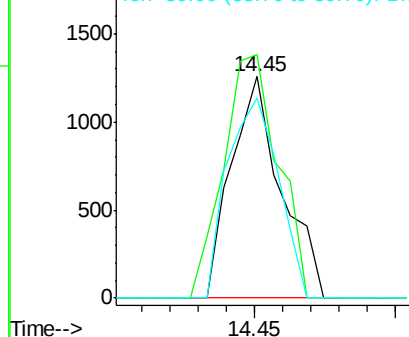
Ion	Ratio	Lower	Upper
165	100		
63	109.8	44.1	66.1#
89	90.0	44.3	66.5#

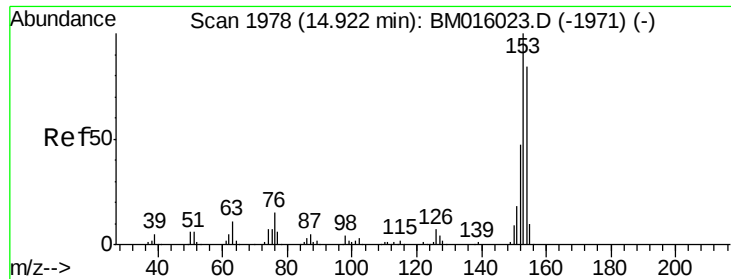


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 1.847 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

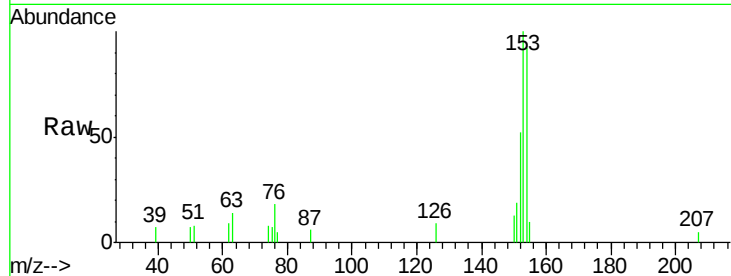
Tgt Ion:154 Resp: 8525

Ion Ratio Lower Upper

154 100

153 109.2 90.0 135.0

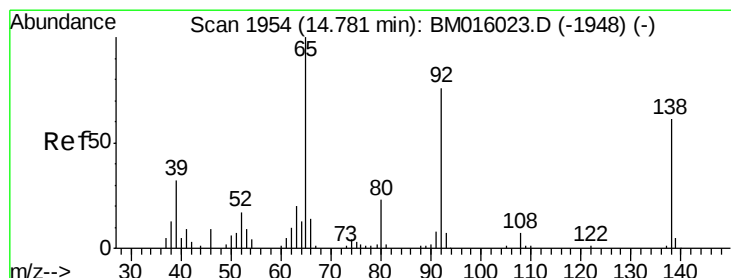
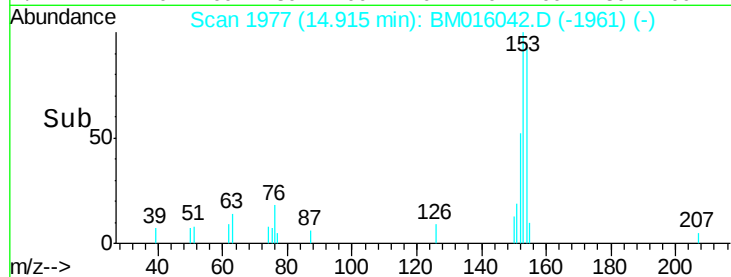
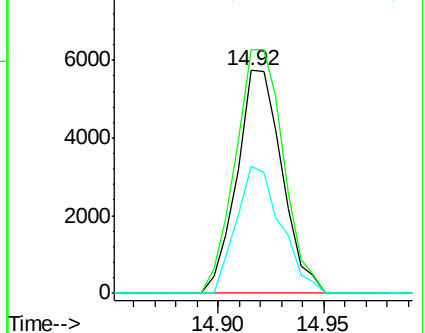
152 57.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 0.490 ng

RT: 14.82 min Scan# 1961

Delta R.T. 0.04 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

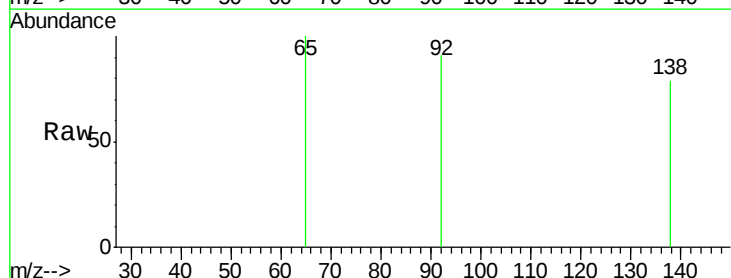
Tgt Ion:138 Resp: 681

Ion Ratio Lower Upper

138 100

108 0.0 7.3 10.9#

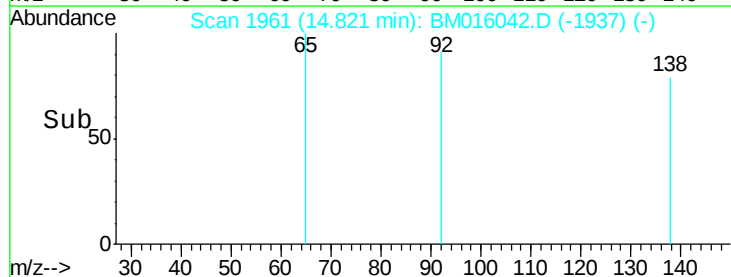
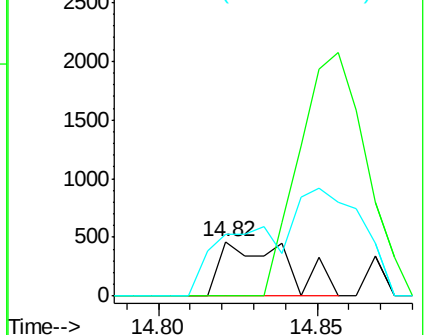
92 114.4 76.6 114.8

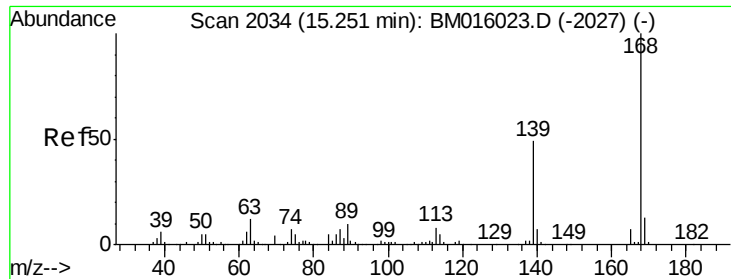


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#54

Dibenzofuran

Concen: 1.700 ng

RT: 15.26 min Scan# 2035

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

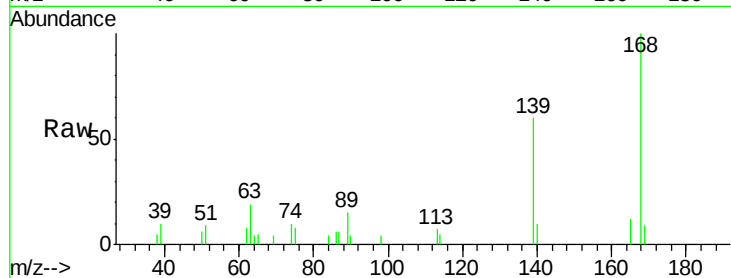
Tgt Ion:168 Resp: 12926

Ion Ratio Lower Upper

168 100

139 59.6 27.3 40.9#

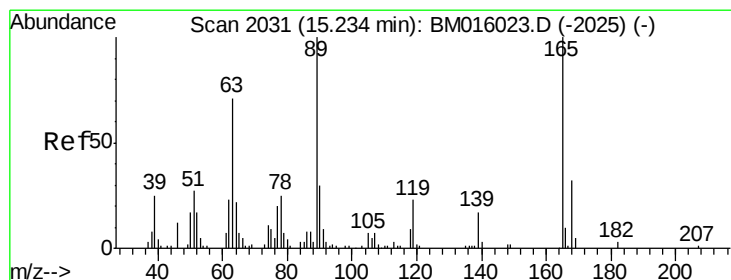
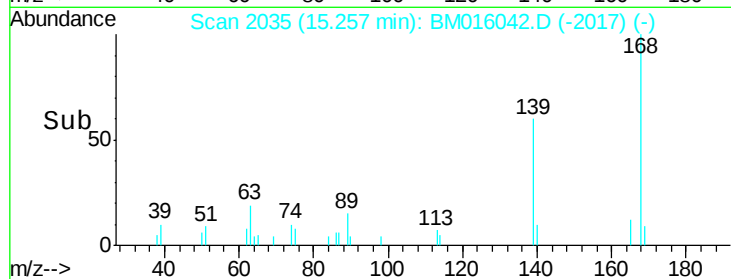
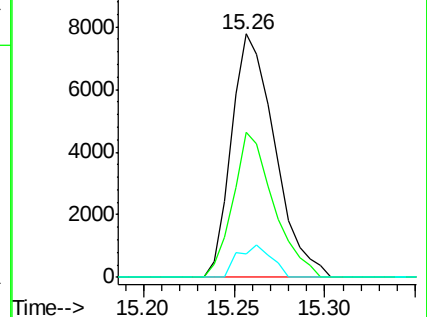
169 9.5 10.6 16.0#



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: 1.049 ng

RT: 15.26 min Scan# 2036

Delta R.T. 0.03 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Tgt Ion:165 Resp: 1928

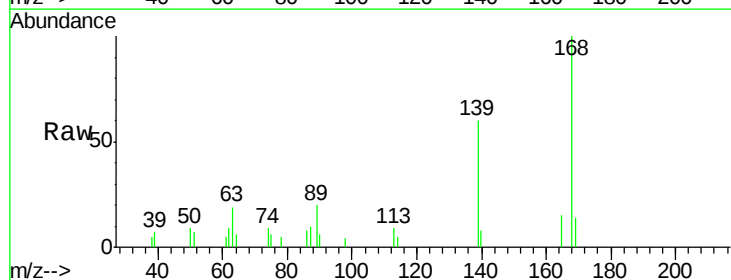
Ion Ratio Lower Upper

165 100

63 127.0 52.4 78.6#

89 134.9 72.4 108.6#

182 0.0 2.0 3.0#

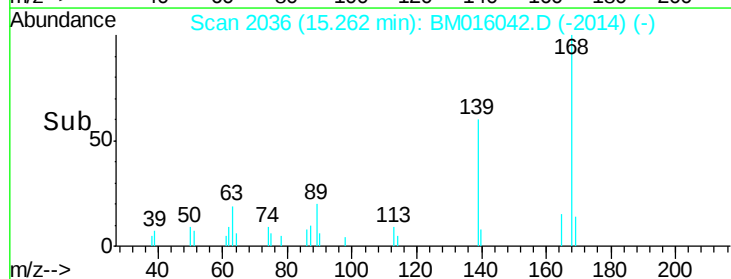
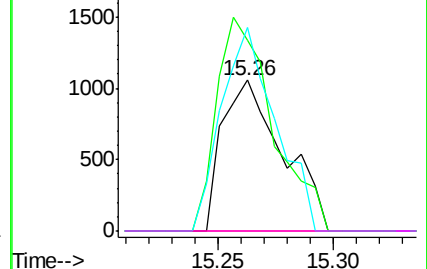


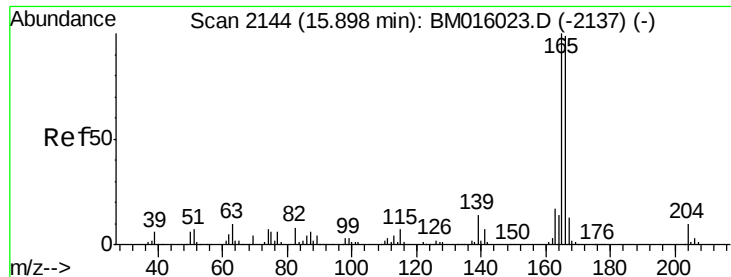
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 1.856 ng

RT: 15.90 min Scan# 2145

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

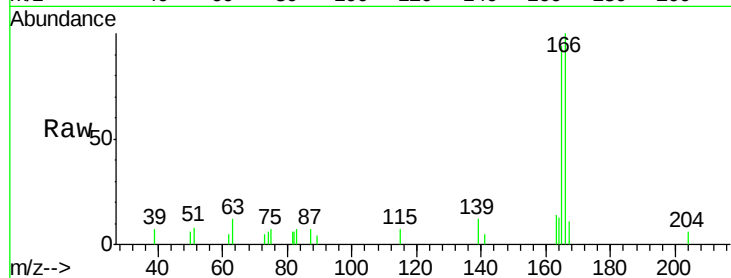
Tgt Ion:166 Resp: 10487

Ion Ratio Lower Upper

166 100

165 94.0 79.0 118.4

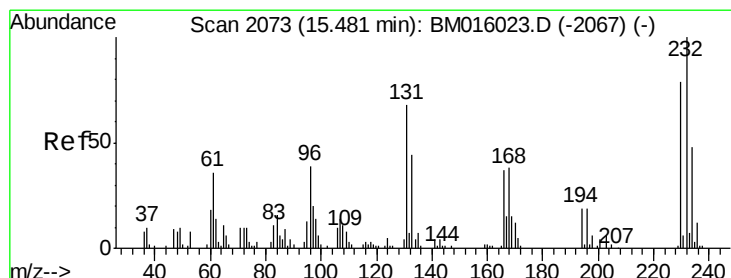
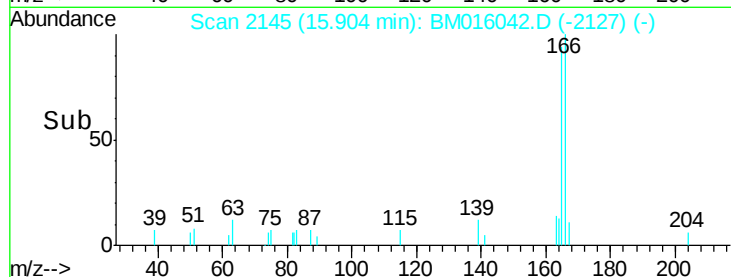
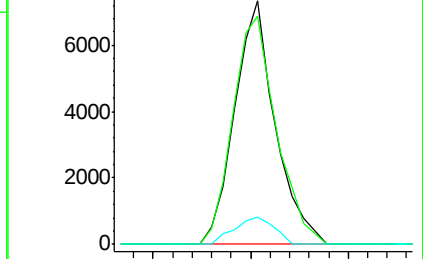
167 11.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 1.271 ng

RT: 15.49 min Scan# 2075

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Tgt Ion:232 Resp: 1752

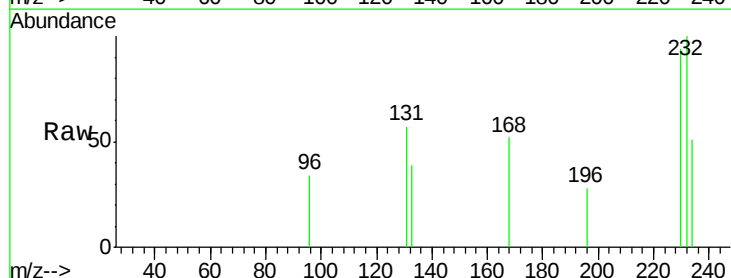
Ion Ratio Lower Upper

232 100

131 60.6 0.0 0.0#

130 0.0 0.0 0.0

166 20.5 0.0 0.0#

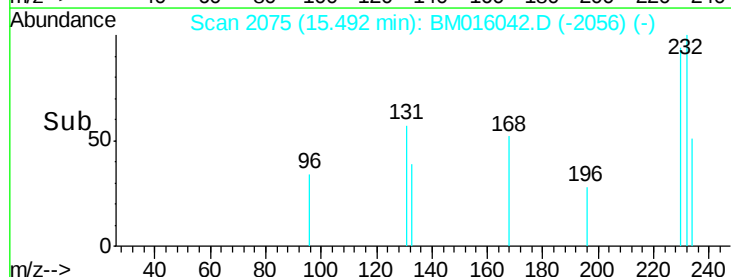
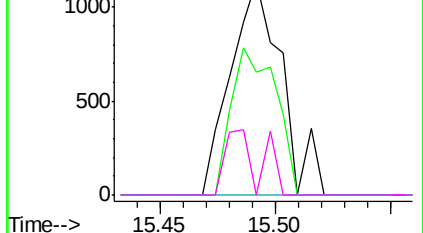


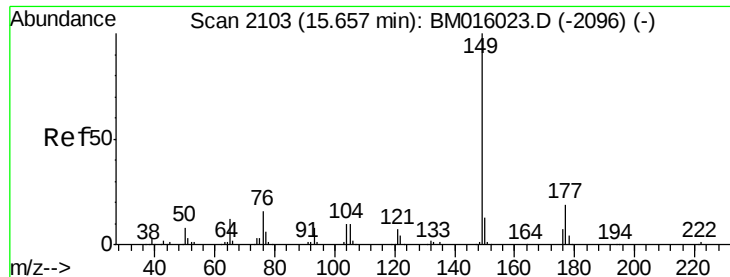
Abundance Ion 232.00 (231.70 to 232.70): E

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

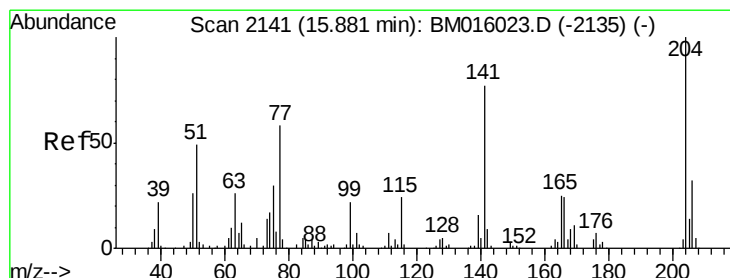
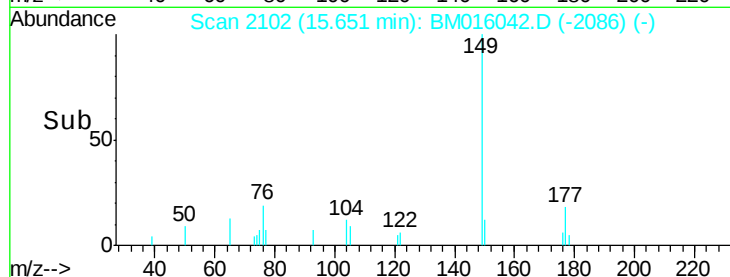
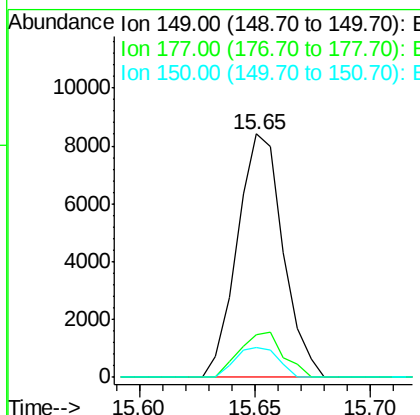
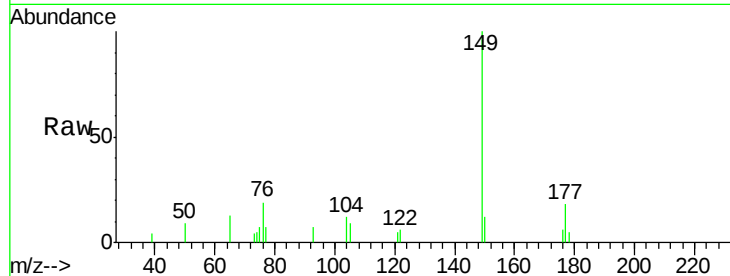




#59
Diethylphthalate
Concen: 1.686 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

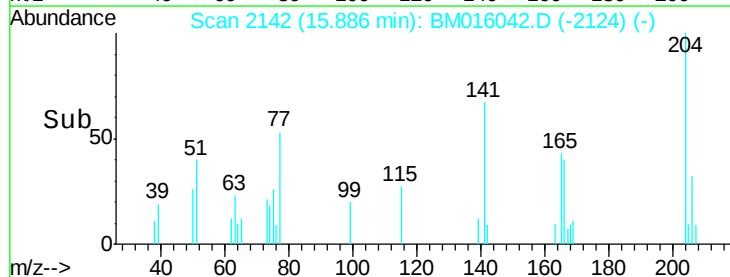
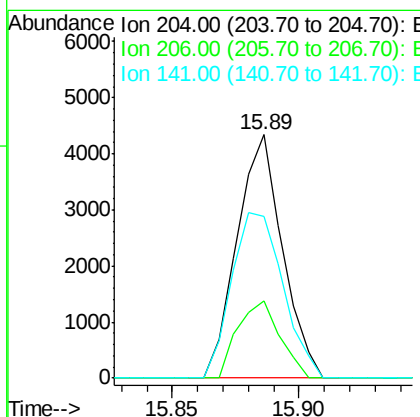
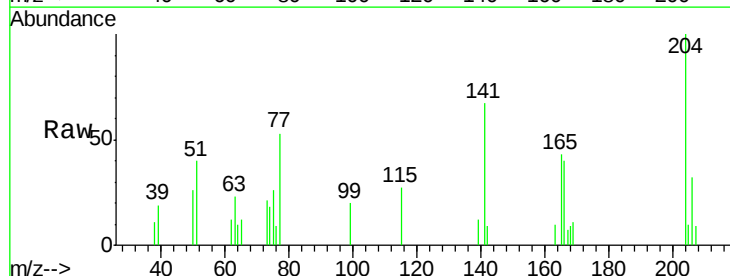
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

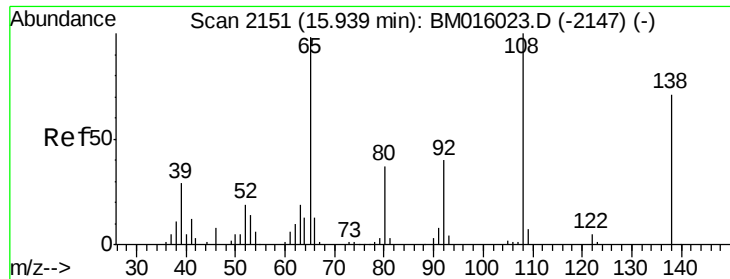
Tgt Ion:149 Resp: 11612
Ion Ratio Lower Upper
149 100
177 17.7 18.3 27.5#
150 12.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 1.715 ng
RT: 15.89 min Scan# 2142
Delta R.T. 0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion:204 Resp: 5395
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 66.6 45.2 67.8

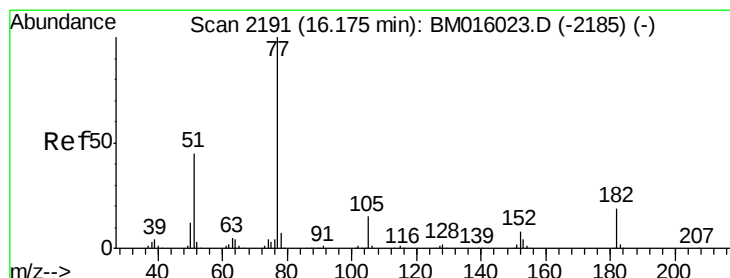
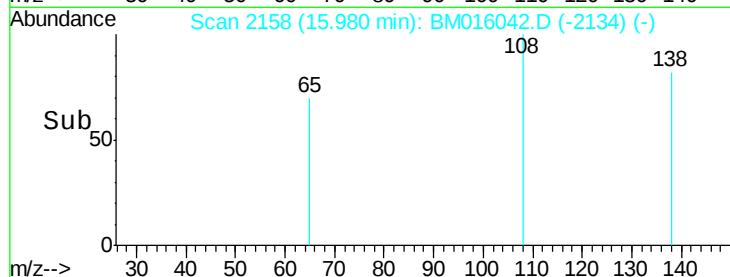
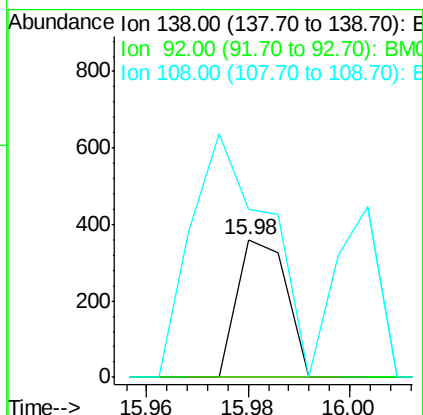
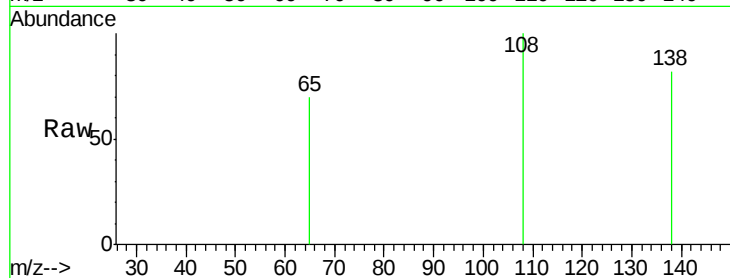




#61
4-Nitroaniline
Concen: 0.182 ng
RT: 15.98 min Scan# 2158
Delta R.T. 0.04 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

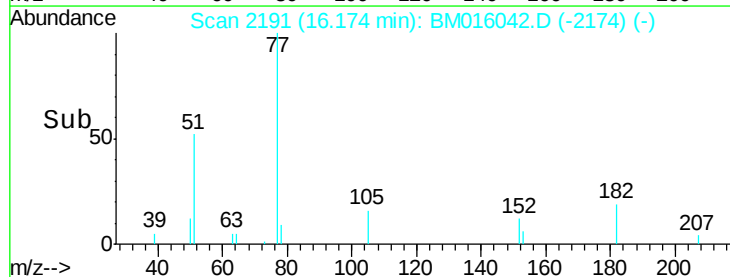
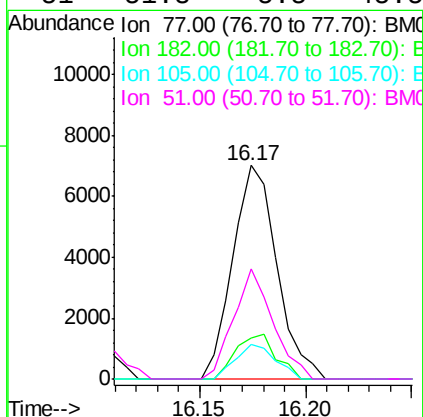
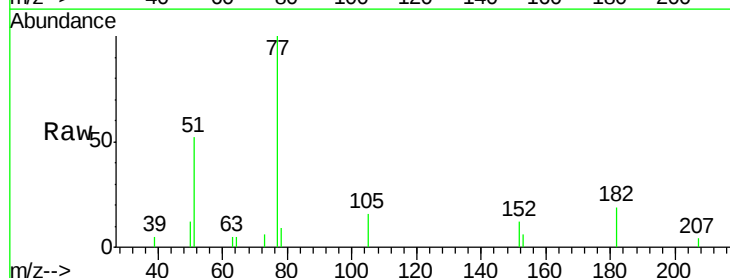
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

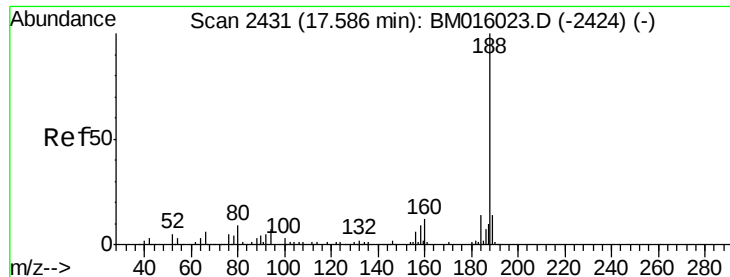
Tgt Ion: 138 Resp: 242
Ion Ratio Lower Upper
138 100
92 0.0 16.7 56.7#
108 121.9 37.6 77.6#



#62
Azobenzene
Concen: 1.408 ng
RT: 16.17 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion: 77 Resp: 10216
Ion Ratio Lower Upper
77 100
182 19.3 6.5 46.5
105 16.4 3.8 43.8
51 51.8 5.5 45.5#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.59 min Scan# 2431

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

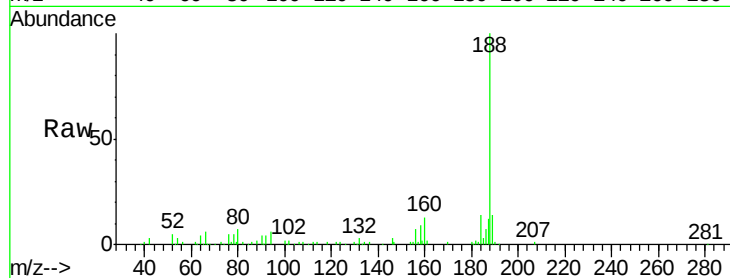
Tgt Ion:188 Resp: 156074

Ion Ratio Lower Upper

188 100

94 6.3 8.7 13.1#

80 7.5 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

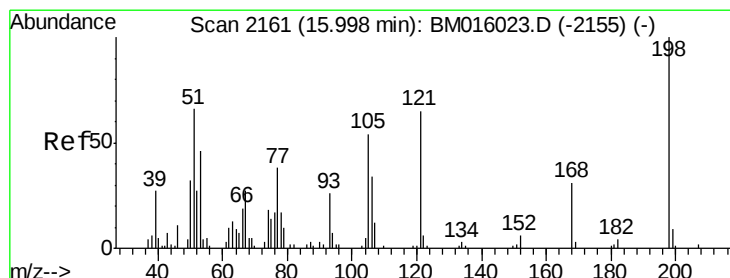
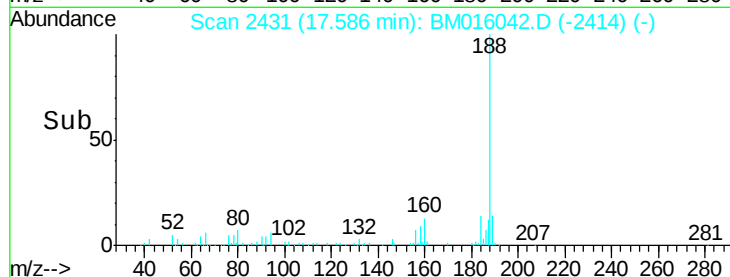
17.59

100000

50000

0

Time--> 17.50 17.60



#64

4,6-Dinitro-2-methylphenol

Concen: 0.264 ng

RT: 16.02 min Scan# 2165

Delta R.T. 0.02 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

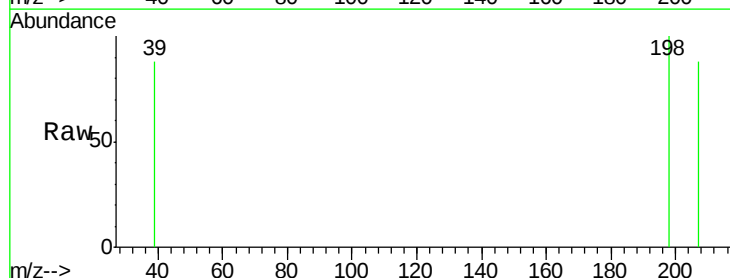
Tgt Ion:198 Resp: 250

Ion Ratio Lower Upper

198 100

51 0.0 28.8 68.8#

105 0.0 30.5 70.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

16.02

400

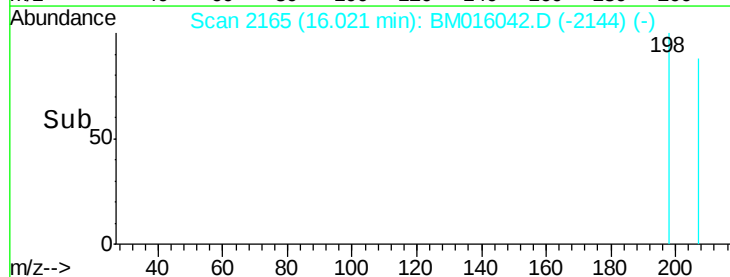
300

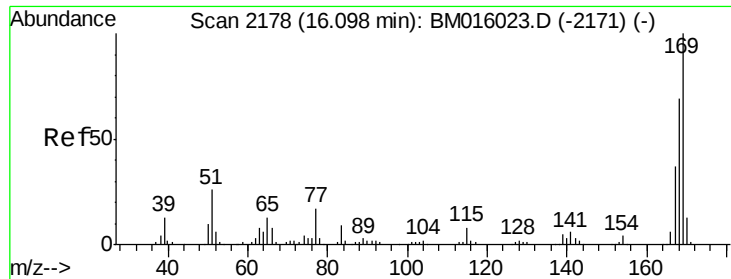
200

100

0

Time--> 16.00 16.02 16.04

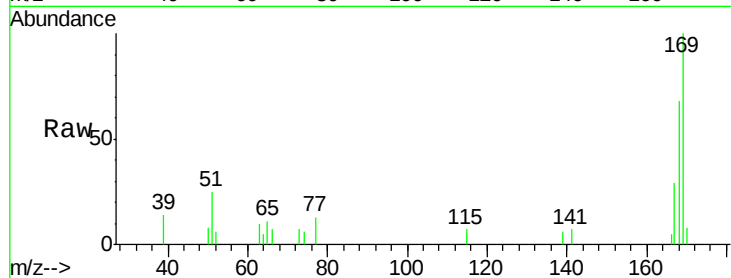




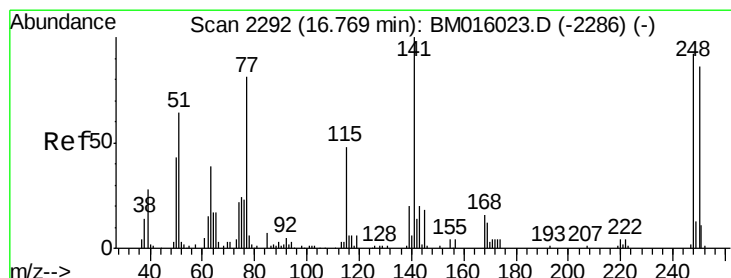
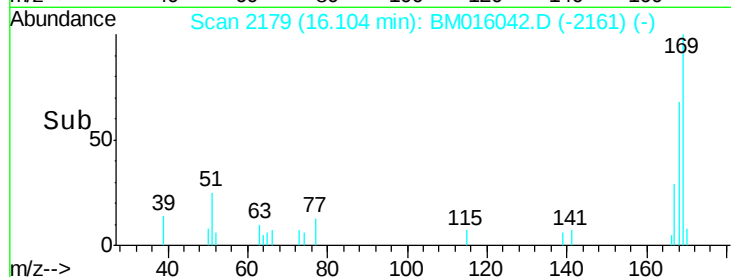
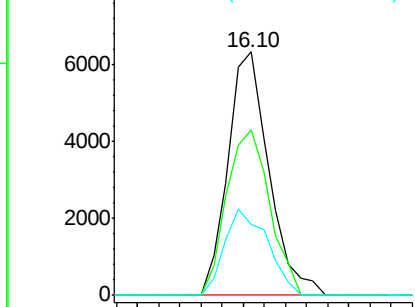
#65
 n-Nitrosodiphenylamine
 Concen: 1.655 ng
 RT: 16.10 min Scan# 2179
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:169 Resp: 8508
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.9 80.9
 167 29.3 28.9 43.3

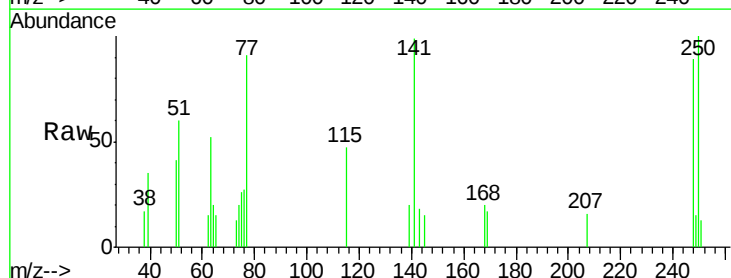


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

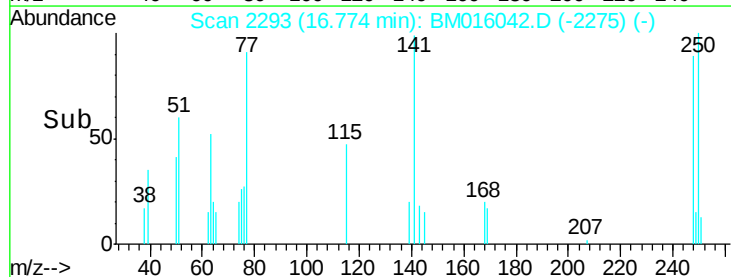
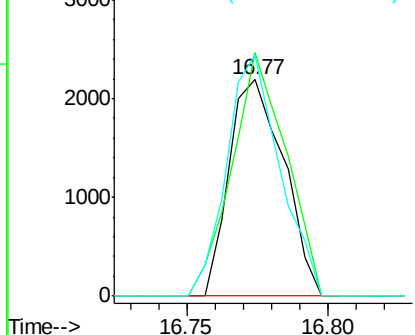


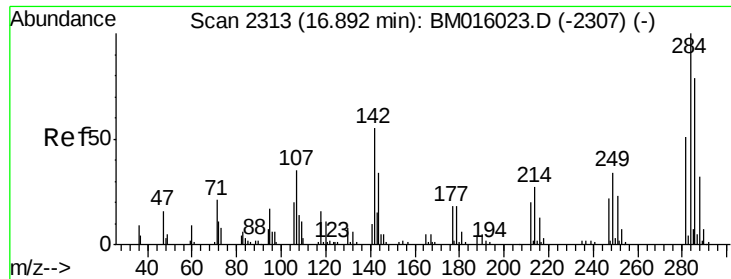
#66
 4-Bromophenyl-phenylether
 Concen: 1.663 ng
 RT: 16.77 min Scan# 2293
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:248 Resp: 2939
 Ion Ratio Lower Upper
 248 100
 250 112.5 77.4 116.0
 141 111.6 45.2 67.8#



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

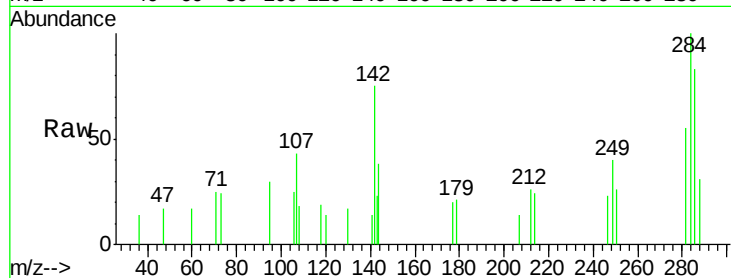




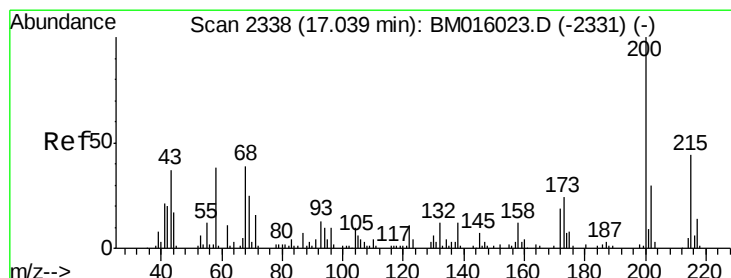
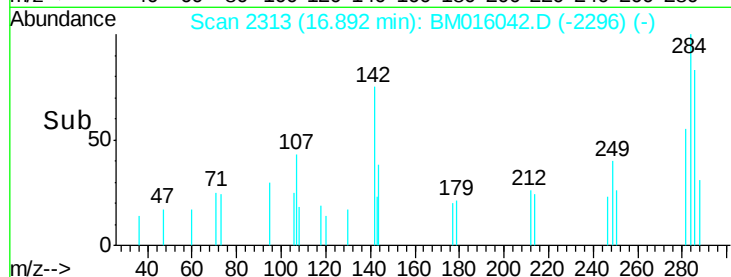
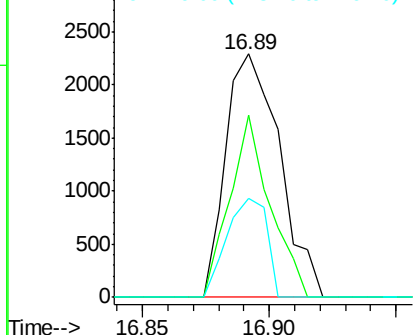
#67
Hexachlorobenzene
Concen: 1.741 ng
RT: 16.89 min Scan# 2313
Delta R.T. -0.00 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 284 Resp: 3388
Ion Ratio Lower Upper
284 100
142 75.0 20.4 30.6#
249 40.5 23.8 35.6#

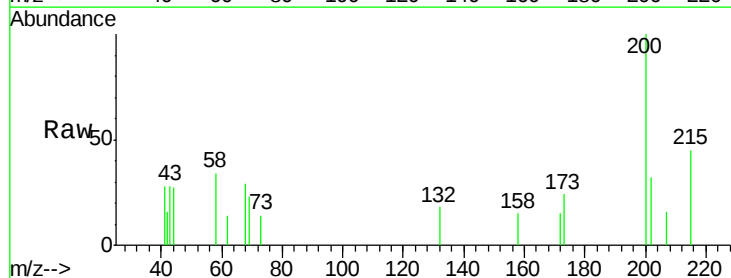


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

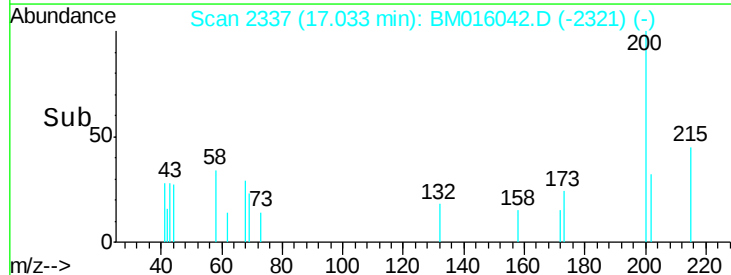
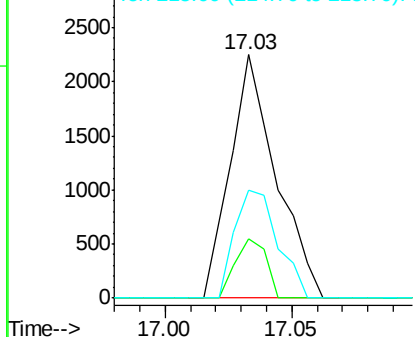


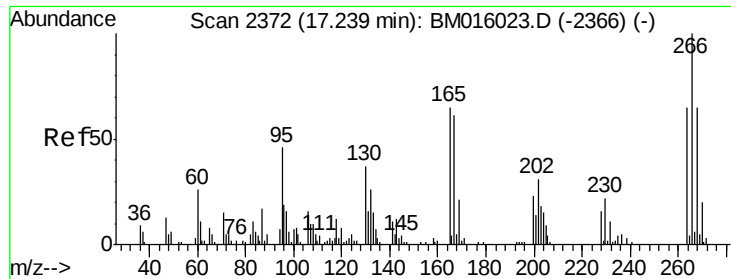
#68
Atrazine
Concen: 1.536 ng
RT: 17.03 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion: 200 Resp: 2829
Ion Ratio Lower Upper
200 100
173 24.3 4.8 44.8
215 44.6 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

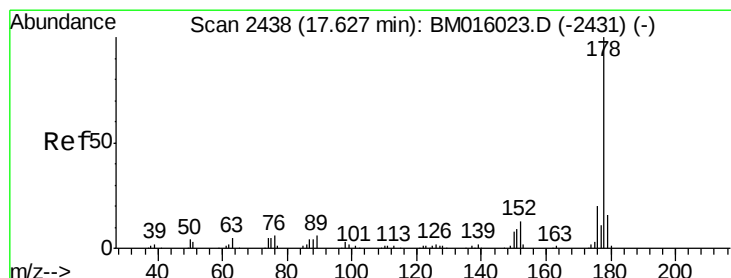
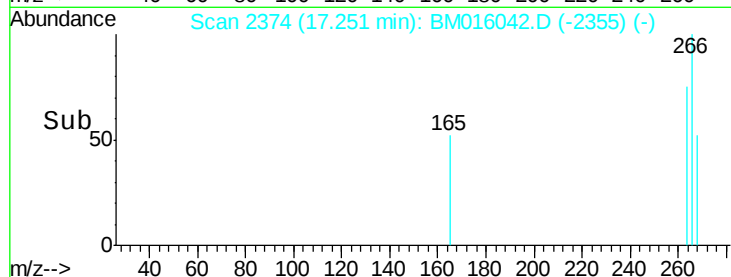
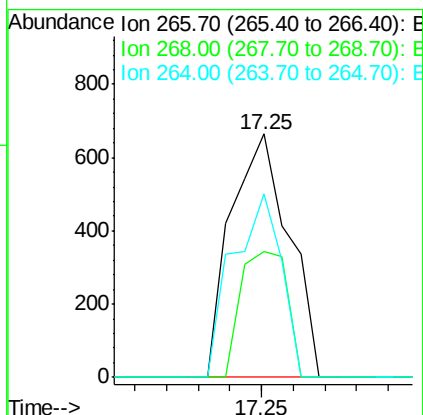
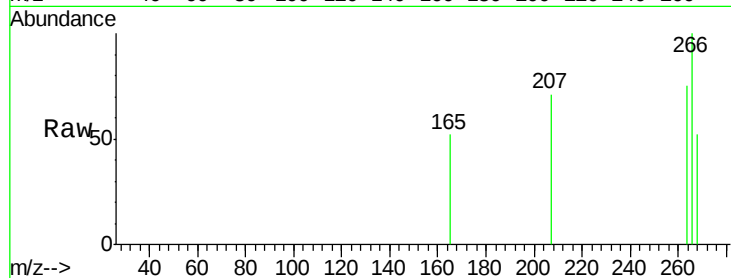




#69
 Pentachlorophenol
 Concen: 0.696 ng
 RT: 17.25 min Scan# 2374
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

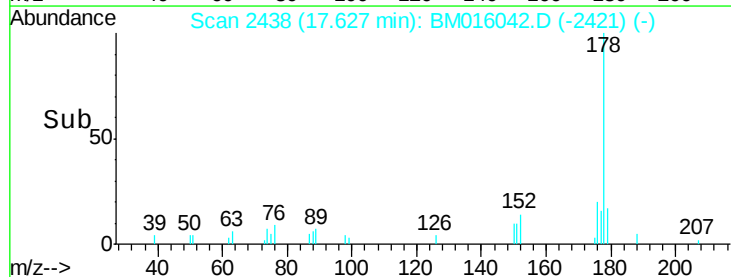
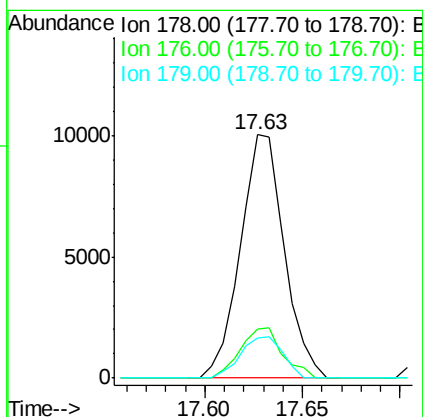
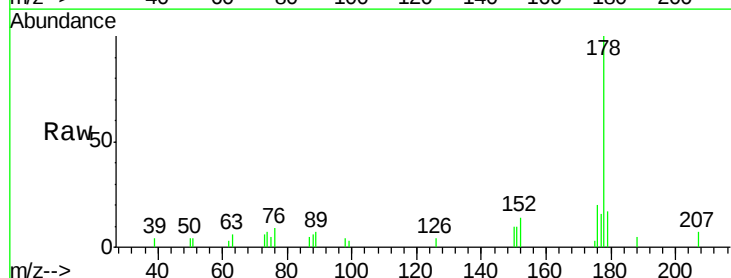
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

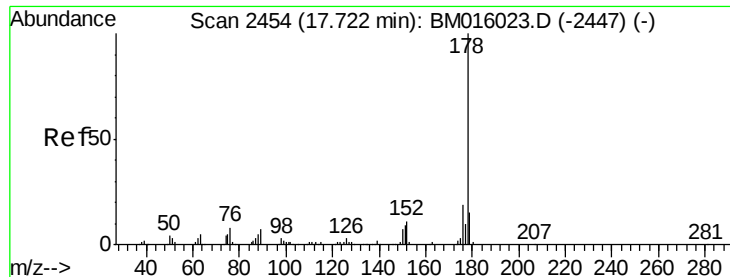
Tgt Ion:266 Resp: 839
 Ion Ratio Lower Upper
 266 100
 268 51.6 52.0 78.0#
 264 75.5 49.0 73.4#



#70
 Phenanthrene
 Concen: 1.790 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:178 Resp: 15638
 Ion Ratio Lower Upper
 178 100
 176 20.3 15.2 22.8
 179 16.6 12.1 18.1

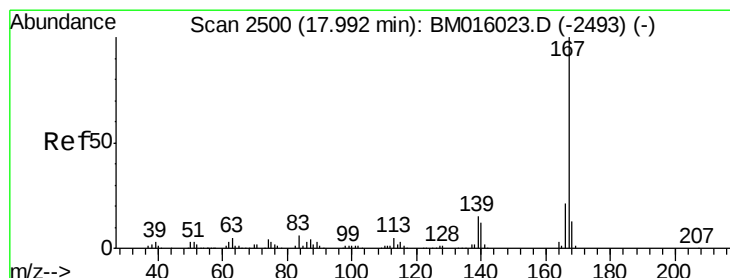
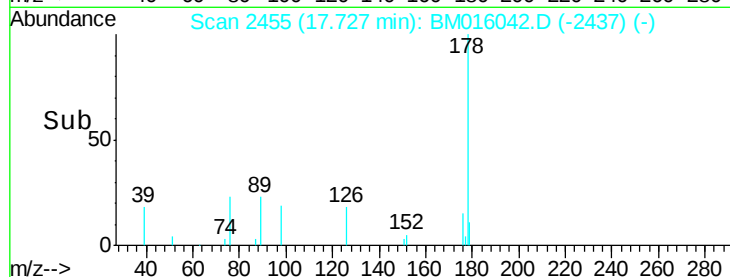
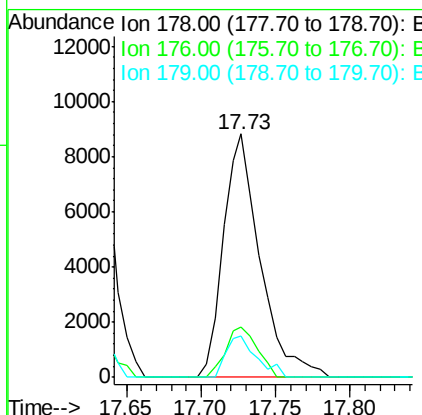
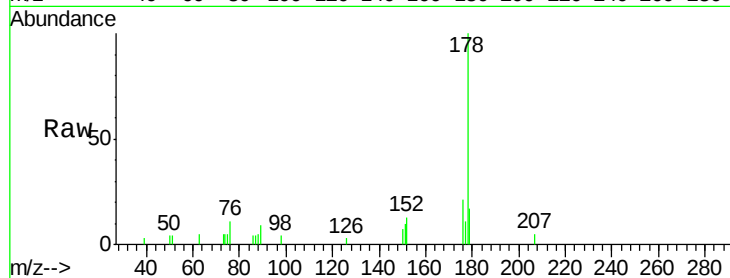




#71
 Anthracene
 Concen: 1.788 ng
 RT: 17.73 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

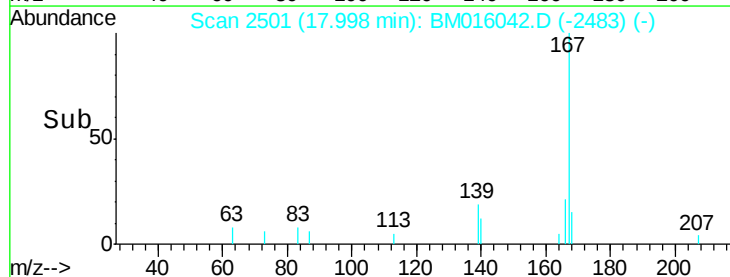
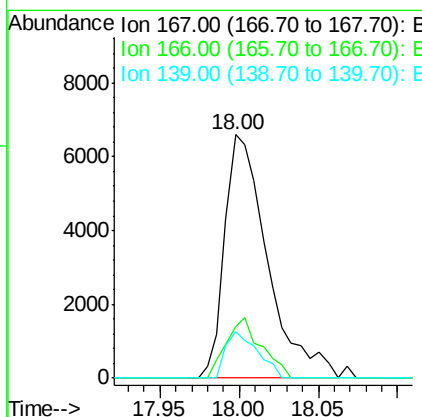
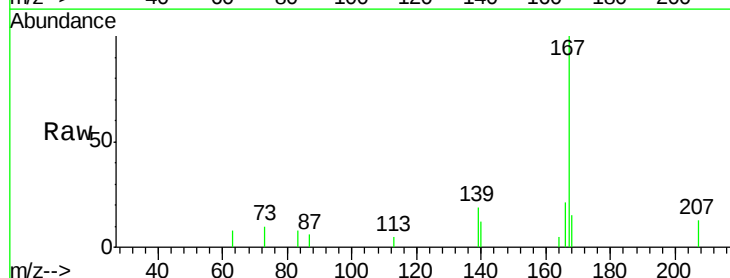
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

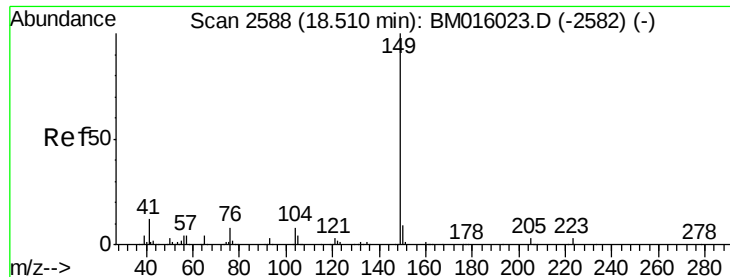
Tgt Ion:178 Resp: 15182
 Ion Ratio Lower Upper
 178 100
 176 20.7 14.6 22.0
 179 17.0 12.6 19.0



#72
 Carbazole
 Concen: 1.405 ng
 RT: 18.00 min Scan# 2501
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:167 Resp: 12363
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 19.1 10.8 16.2#





#73

Di-n-butylphthalate

Concen: 1.372 ng

RT: 18.51 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

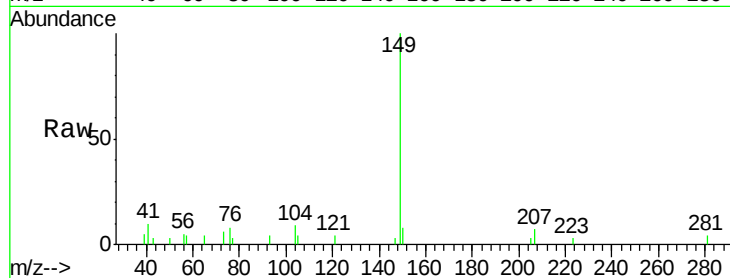
Tgt Ion:149 Resp: 15044

Ion Ratio Lower Upper

149 100

150 7.7 7.5 11.3

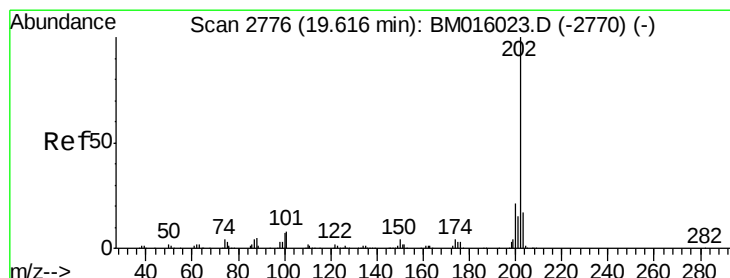
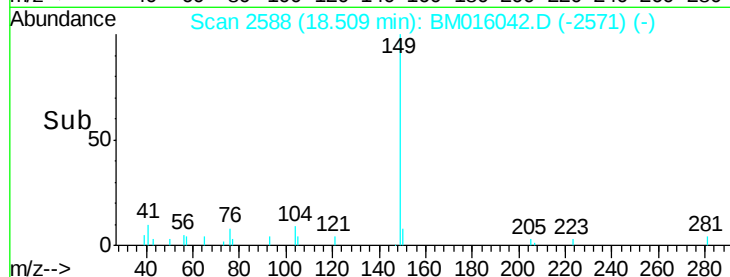
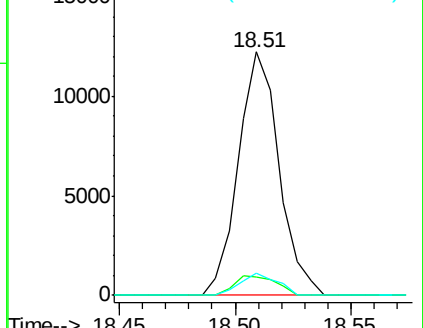
104 9.0 3.7 5.5#



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: 1.759 ng

RT: 19.62 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

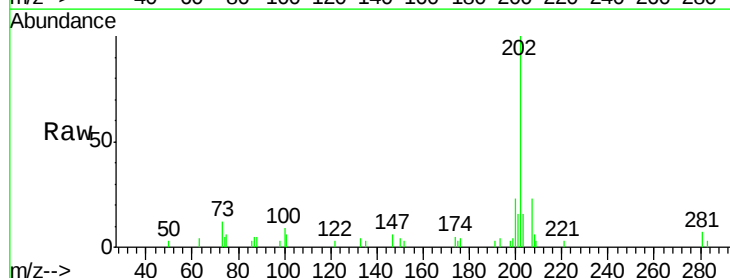
Tgt Ion:202 Resp: 17143

Ion Ratio Lower Upper

202 100

101 5.9 0.0 28.7

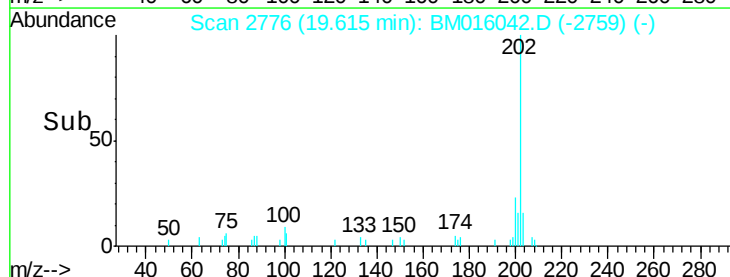
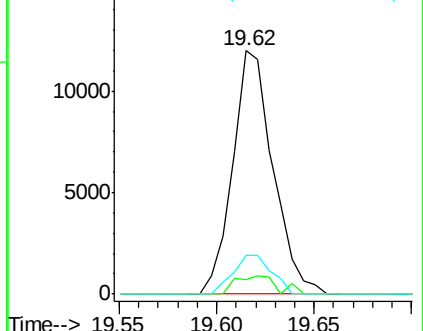
203 16.0 0.0 37.2

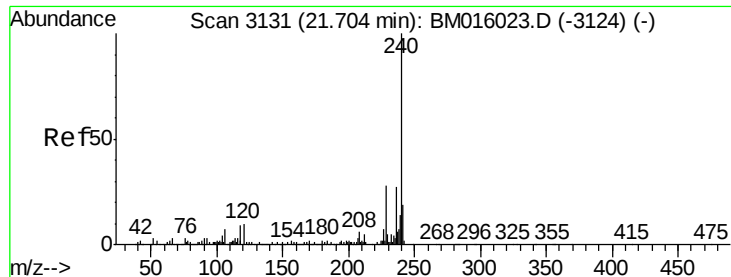


Abundance Ion 202.00 (201.70 to 202.70): E

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: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

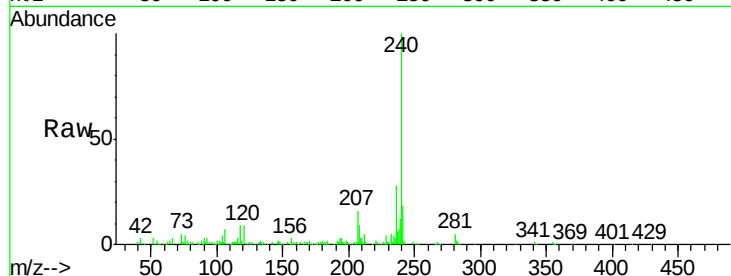
Tgt Ion:240 Resp: 173421

Ion Ratio Lower Upper

240 100

120 8.6 8.2 12.2

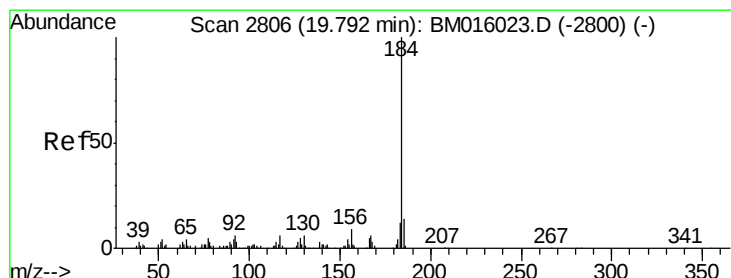
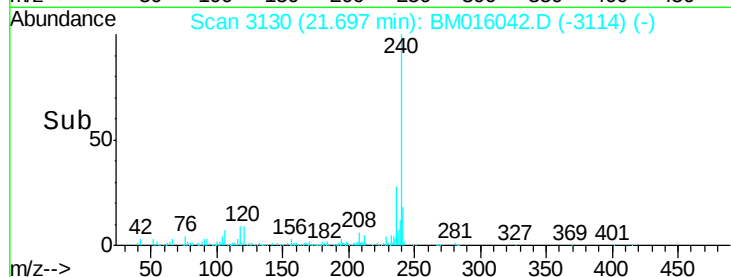
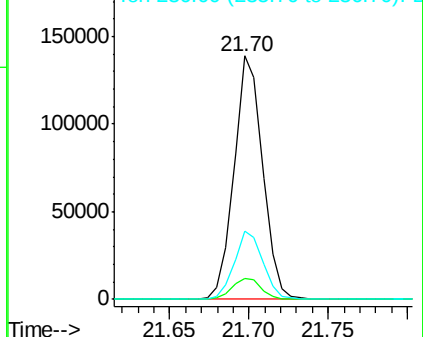
236 27.8 20.0 30.0



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: 0.416 ng

RT: 19.82 min Scan# 2810

Delta R.T. 0.02 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

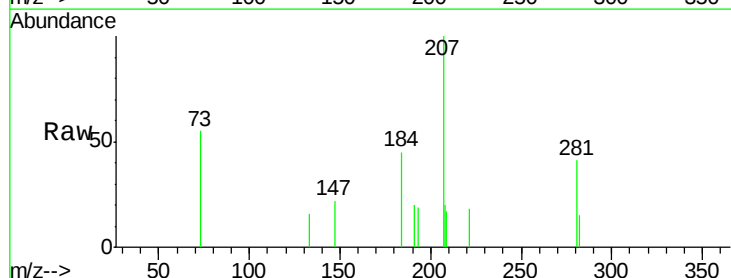
Tgt Ion:184 Resp: 2017

Ion Ratio Lower Upper

184 100

185 0.0 11.3 16.9#

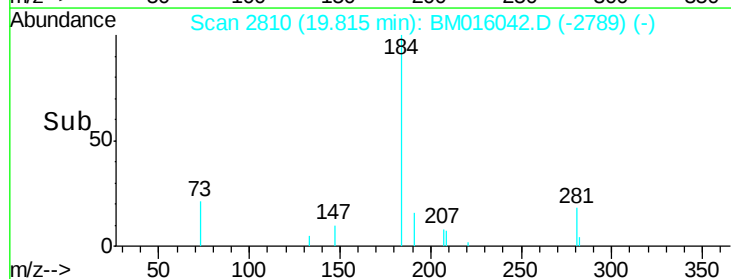
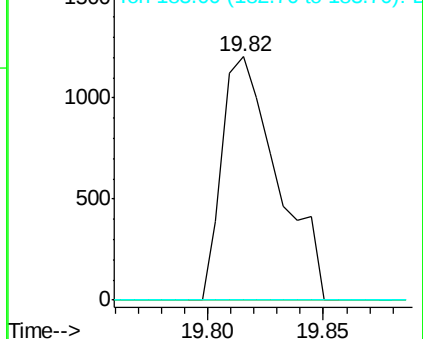
183 0.0 8.9 13.3#

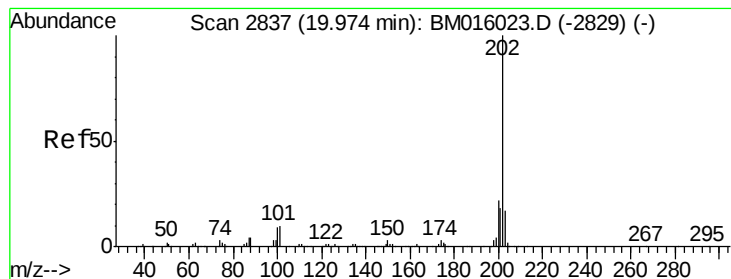


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 1.728 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

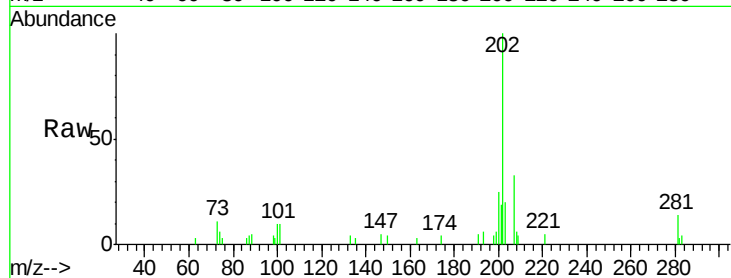
Tgt Ion:202 Resp: 17956

Ion Ratio Lower Upper

202 100

200 24.6 16.9 25.3

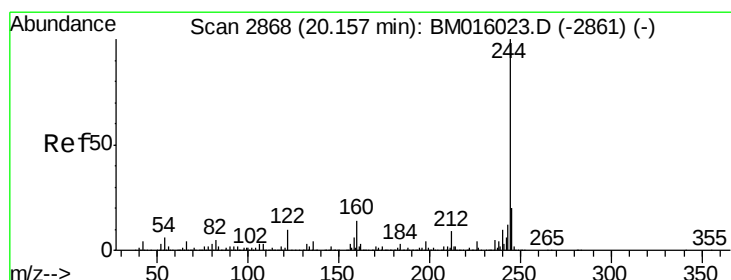
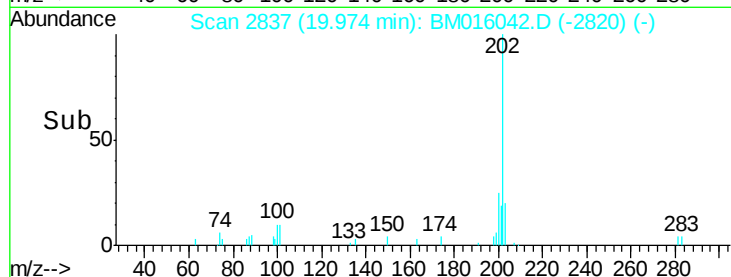
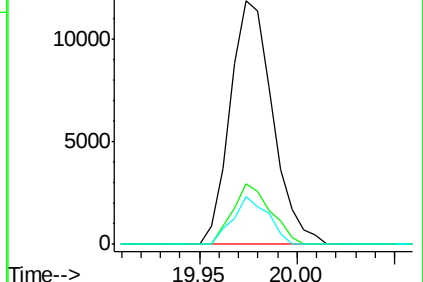
203 19.8 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 1.728 ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

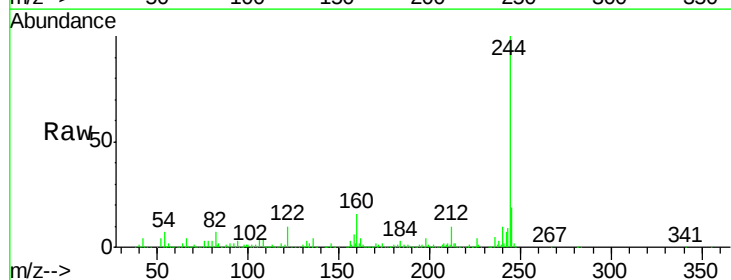
Tgt Ion:244 Resp: 1043050

Ion Ratio Lower Upper

244 100

212 9.8 4.9 7.3#

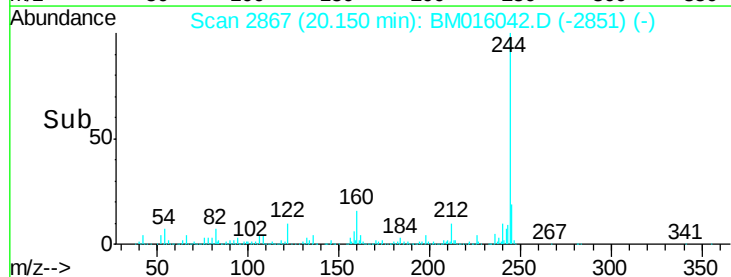
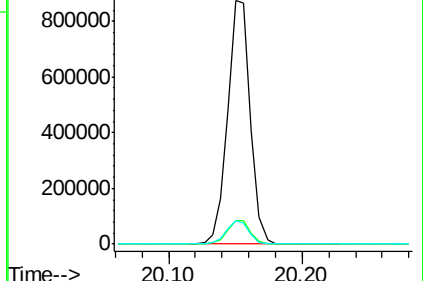
122 9.9 6.2 9.4#

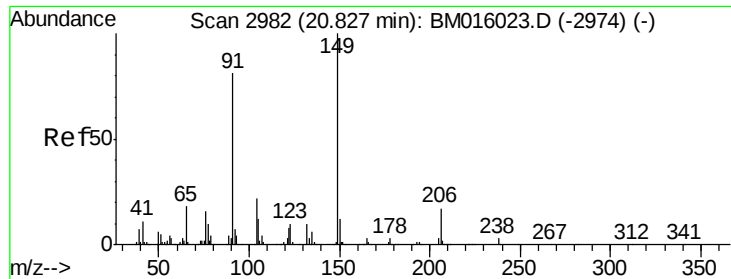


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

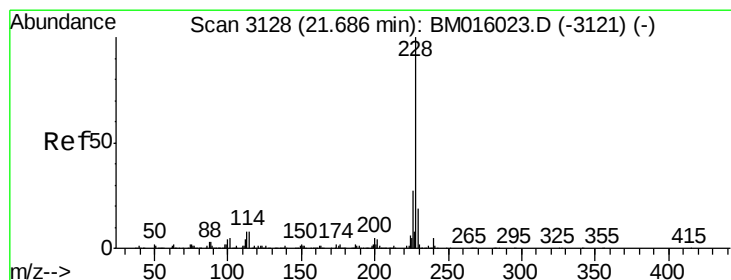
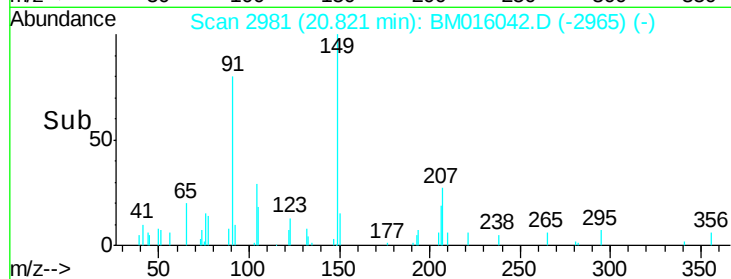
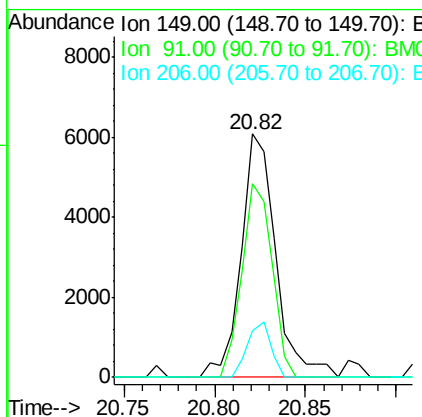
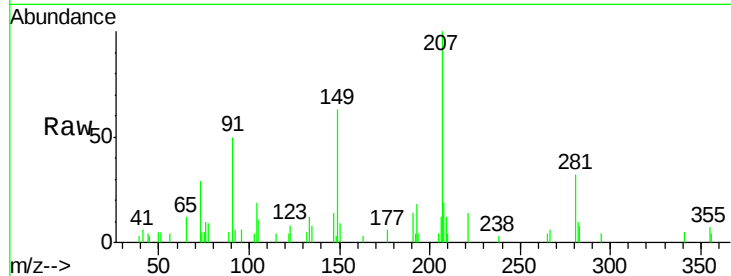




#79
Butylbenzylphthalate
Concen: 1.536 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

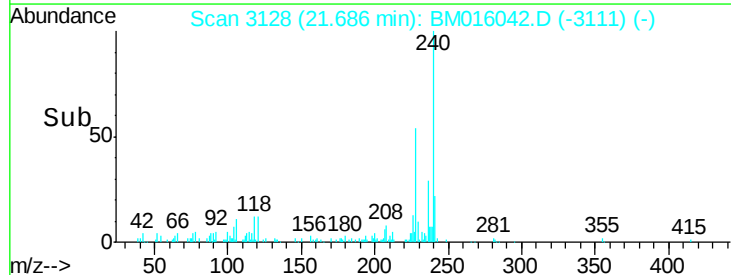
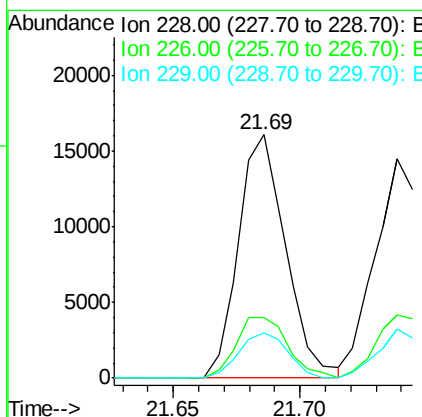
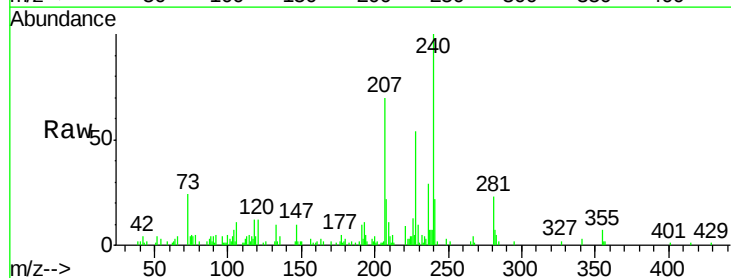
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

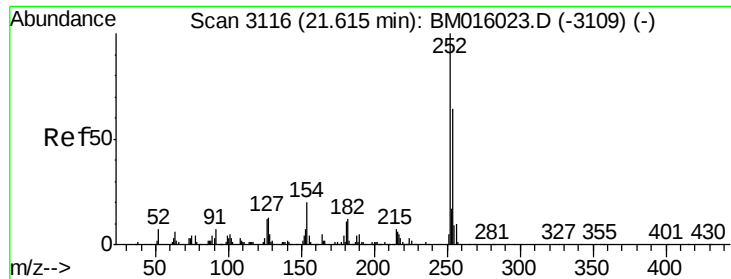
Tgt Ion:149 Resp: 8110
Ion Ratio Lower Upper
149 100
91 79.6 50.1 75.1#
206 19.0 16.2 24.2



#80
Benzo(a)anthracene
Concen: 1.960 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016042.D
Acq: 24 Jul 2018 01:08

Tgt Ion:228 Resp: 20938
Ion Ratio Lower Upper
228 100
226 24.8 21.7 32.5
229 18.8 16.0 24.0

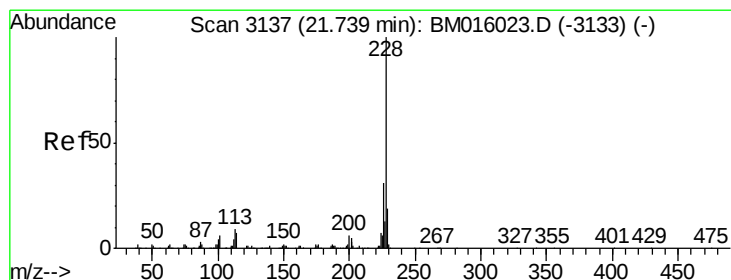
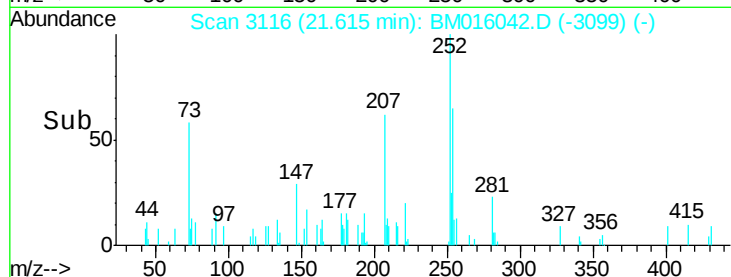
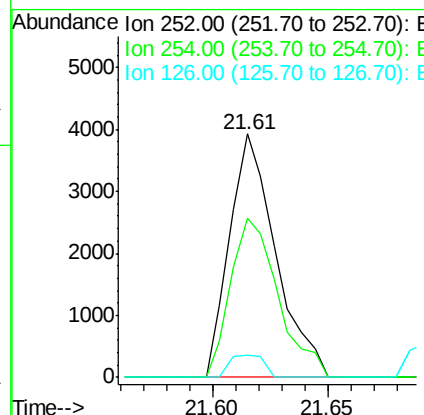
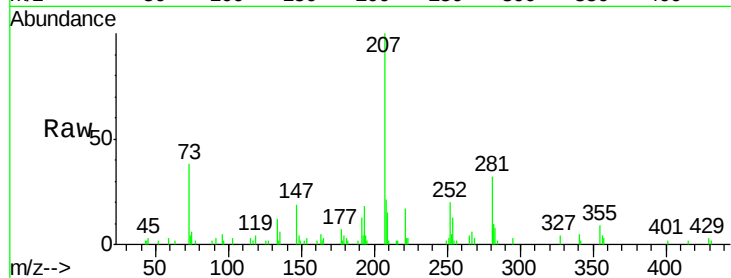




#81
 3,3'-Dichlorobenzidine
 Concen: 1.269 ng
 RT: 21.61 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

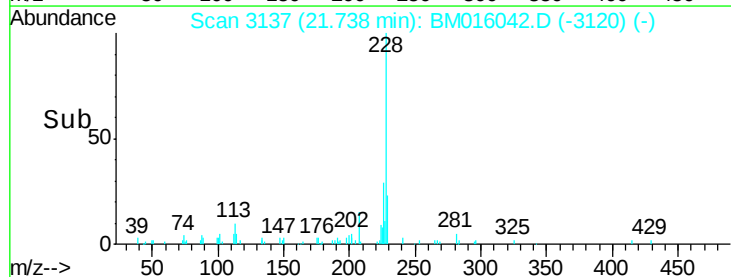
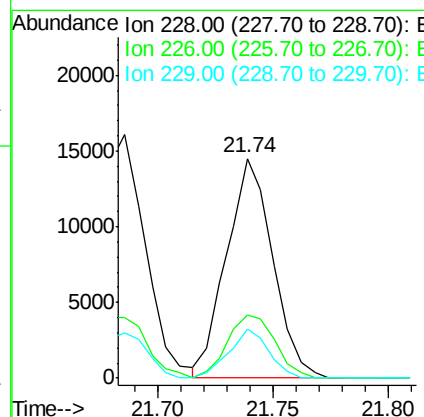
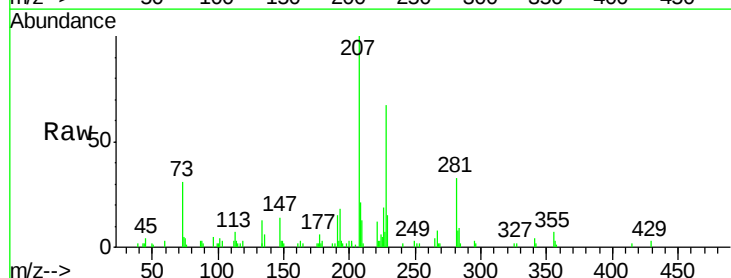
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

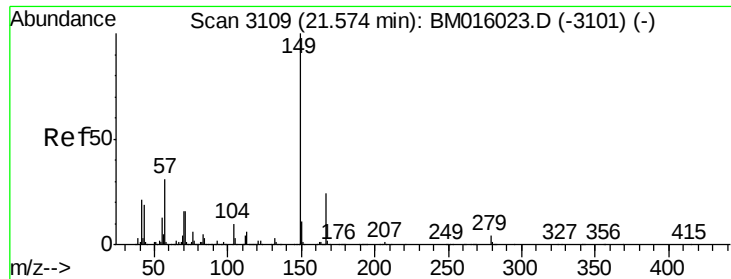
Tgt Ion:252 Resp: 5459
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.9 77.9
 126 9.2 9.8 14.8#



#82
 Chrysene
 Concen: 1.969 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:228 Resp: 20177
 Ion Ratio Lower Upper
 228 100
 226 28.7 24.1 36.1
 229 22.6 15.5 23.3

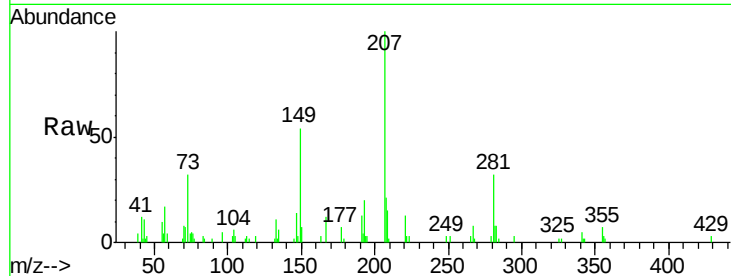




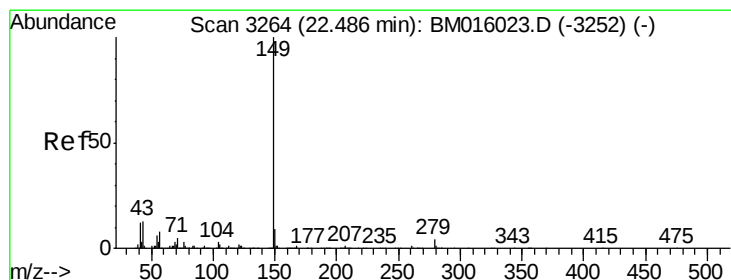
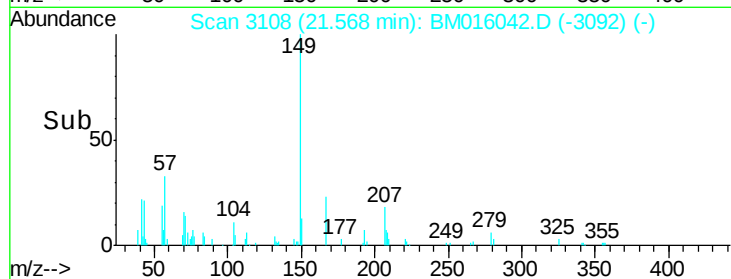
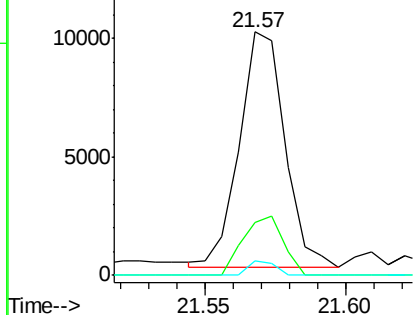
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.450 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:149 Resp: 11091
 Ion Ratio Lower Upper
 149 100
 167 21.9 22.4 33.6#
 279 6.0 3.4 5.0#

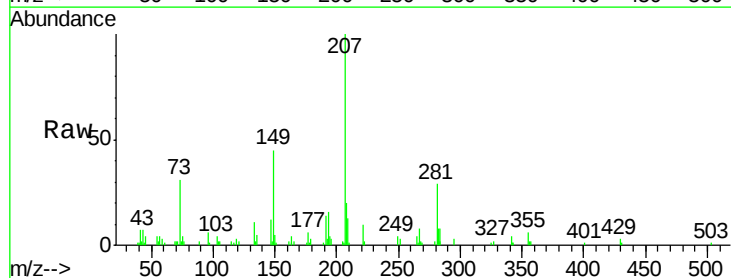


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

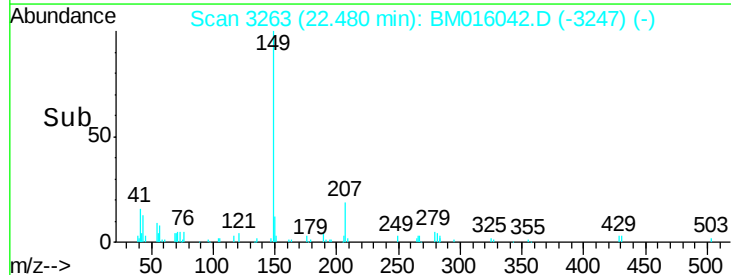
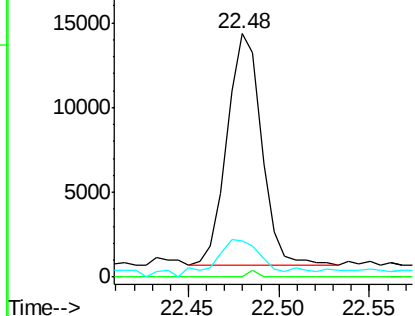


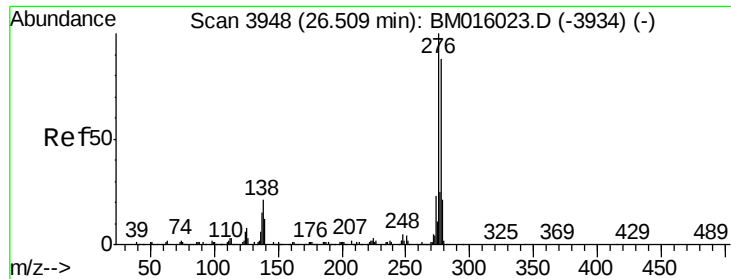
#84
 Di-n-octyl phthalate
 Concen: 1.412 ng
 RT: 22.48 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion:149 Resp: 18154
 Ion Ratio Lower Upper
 149 100
 167 0.7 1.2 1.8#
 43 21.2 7.3 10.9#



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

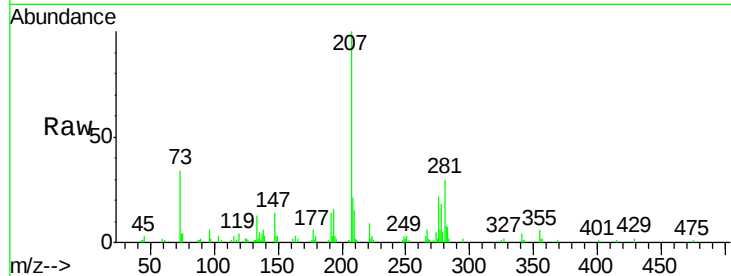




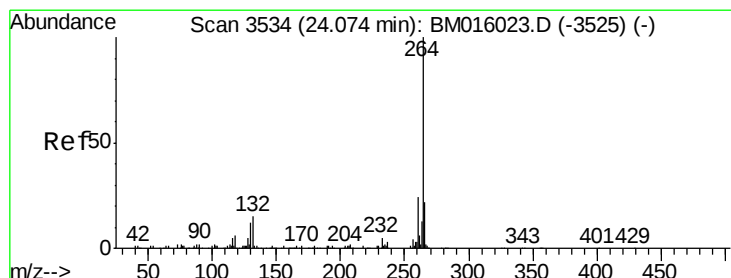
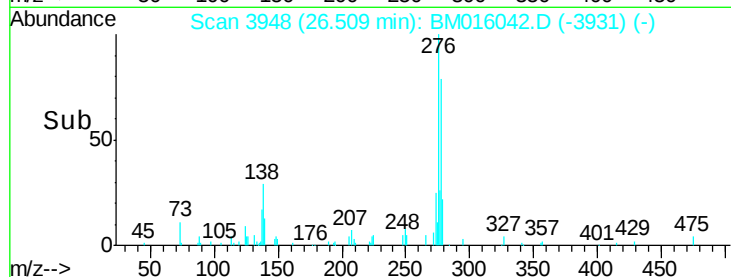
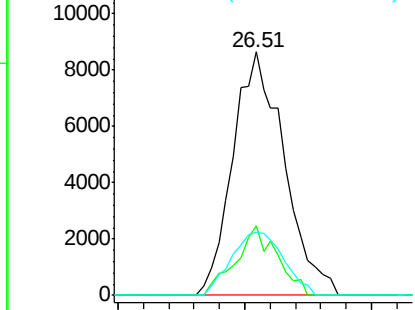
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.996 ng
 RT: 26.51 min Scan# 3948
 Delta R.T. -0.00 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 276 Resp: 24269
 Ion Ratio Lower Upper
 276 100
 138 23.1 12.0 18.0#
 277 26.4 20.0 30.0

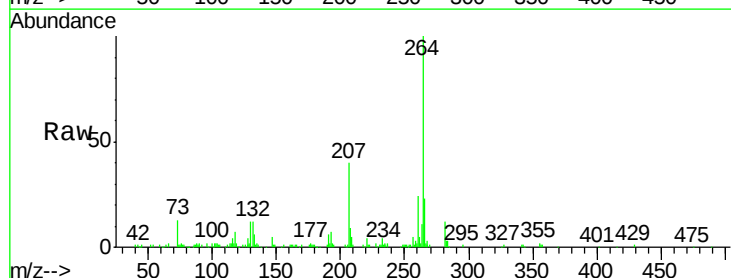


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

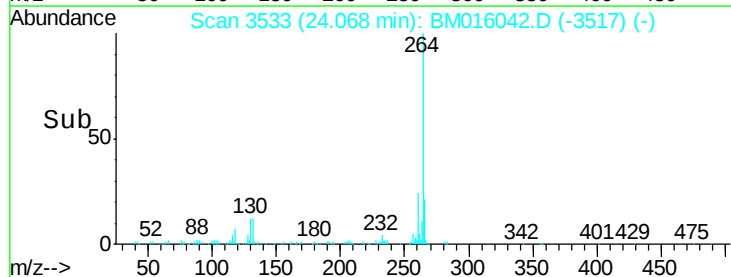
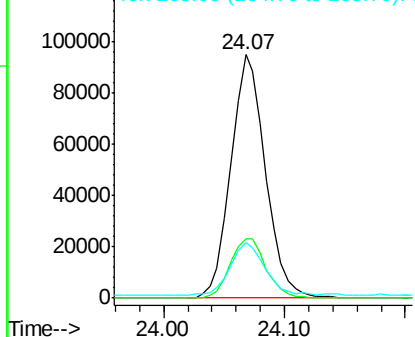


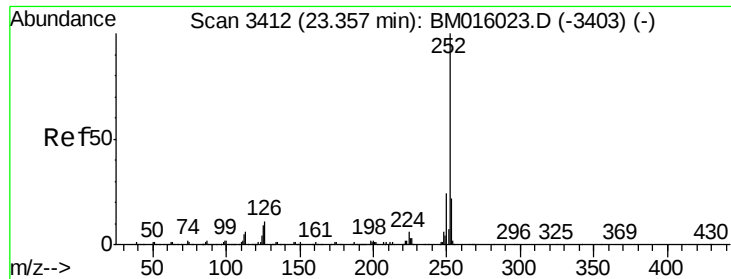
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Tgt Ion: 264 Resp: 188884
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.6 27.8
 265 22.6 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 1.250 ng

RT: 23.40 min Scan# 3420

Delta R.T. 0.05 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

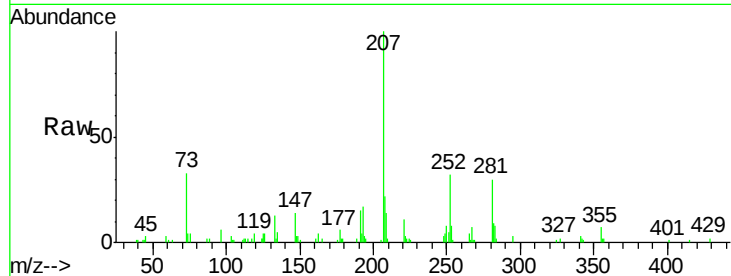
Tgt Ion:252 Resp: 13905

Ion Ratio Lower Upper

252 100

253 25.6 18.0 27.0

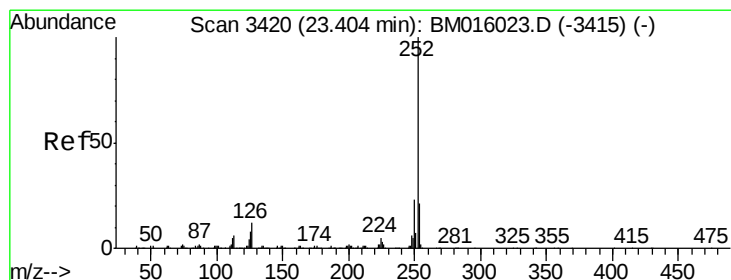
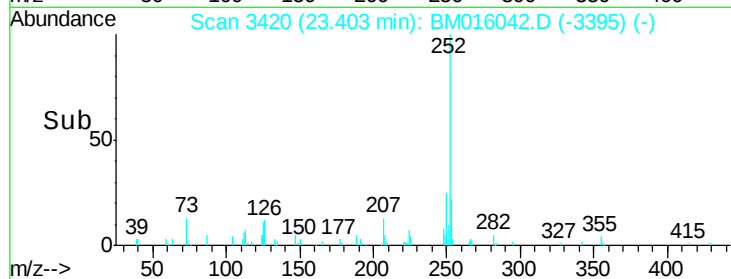
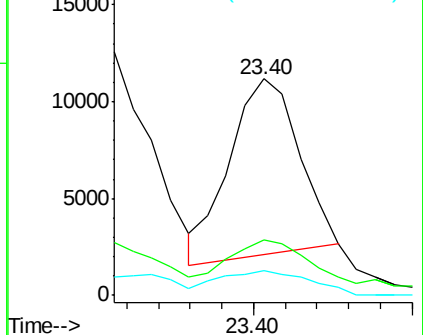
125 11.2 9.9 14.9



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



#88

Benzo(k)fluoranthene

Concen: 1.900 ng

RT: 23.40 min Scan# 3420

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

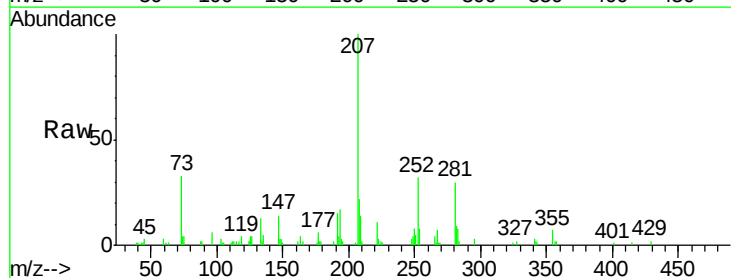
Tgt Ion:252 Resp: 21418

Ion Ratio Lower Upper

252 100

253 25.6 17.2 25.8

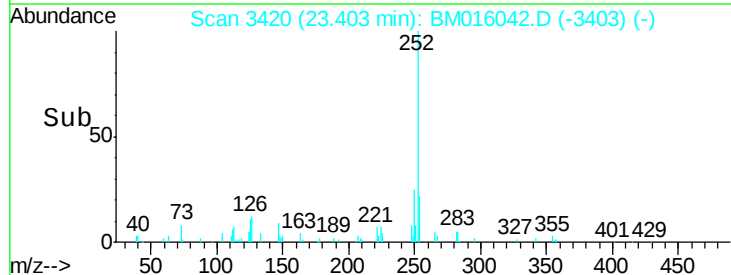
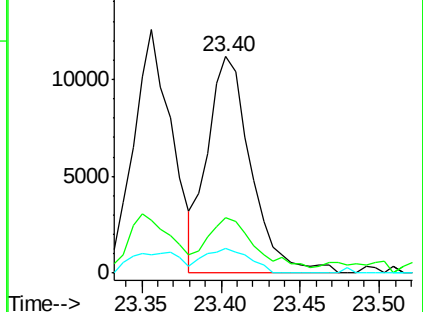
125 11.2 8.1 12.1

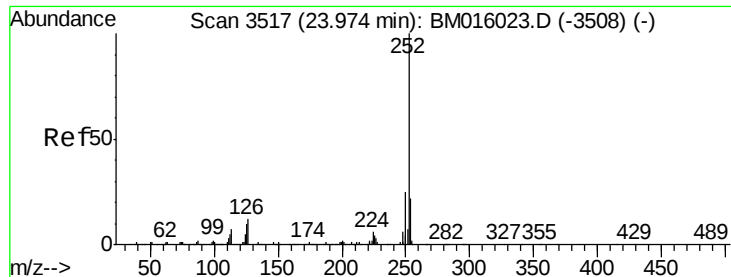


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 1.961 ng

RT: 23.97 min Scan# 3517

Delta R.T. -0.00 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

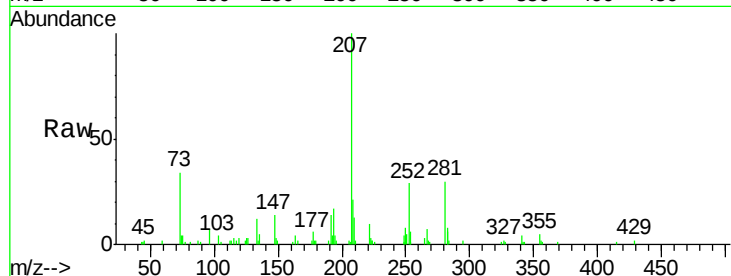
Tgt Ion: 252 Resp: 20968

Ion Ratio Lower Upper

252 100

253 21.0 17.6 26.4

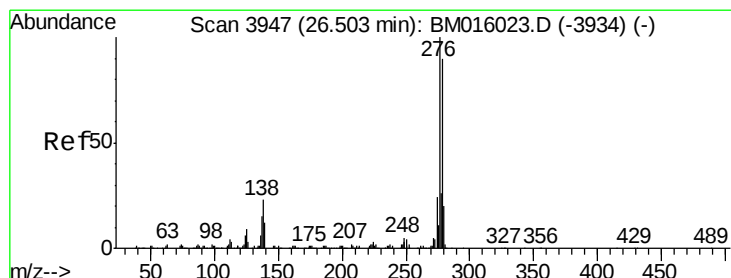
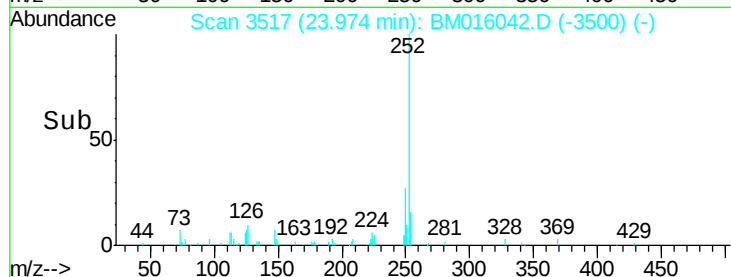
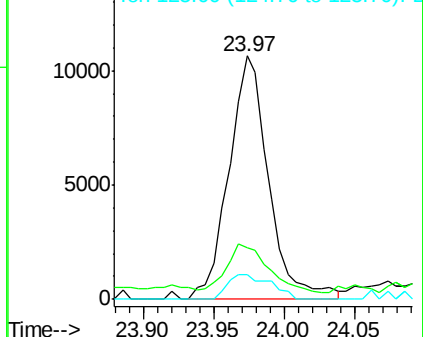
125 9.9 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 1.930 ng

RT: 26.51 min Scan# 3948

Delta R.T. 0.01 min

Lab File: BM016042.D

Acq: 24 Jul 2018 01:08

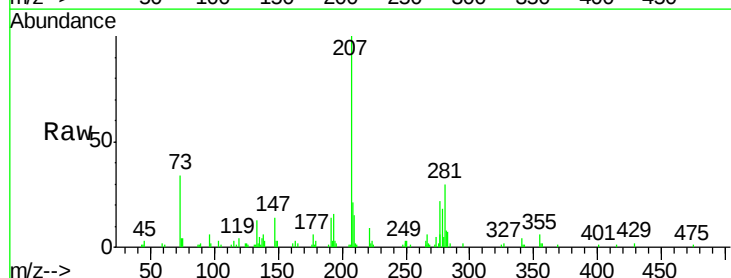
Tgt Ion: 278 Resp: 21374

Ion Ratio Lower Upper

278 100

139 16.8 13.4 20.0

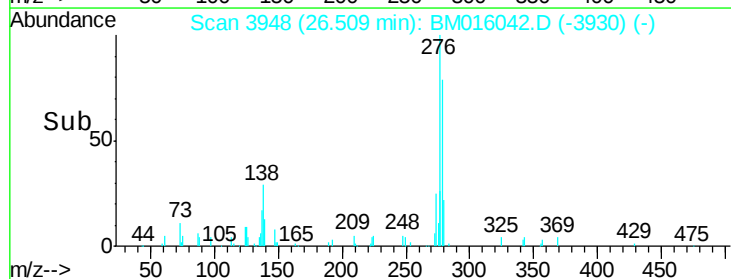
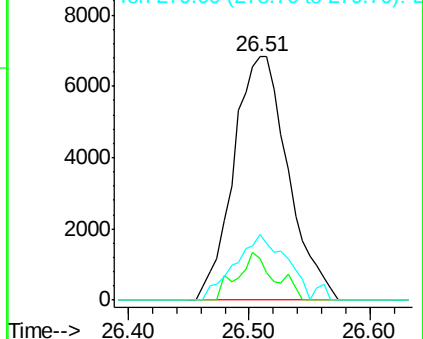
279 27.2 19.0 28.4

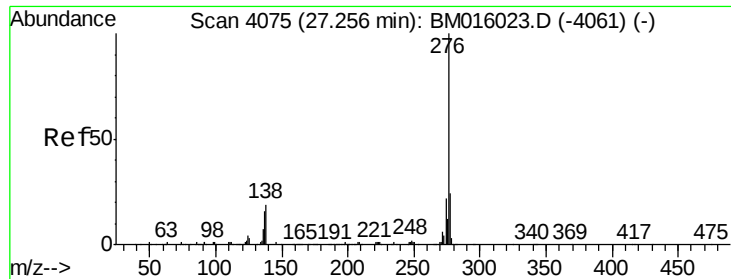


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.994 ng
 RT: 27.27 min Scan# 4077
 Delta R.T. 0.01 min
 Lab File: BM016042.D
 Acq: 24 Jul 2018 01:08

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
277	21.7	18.5	27.7
138	19.2	19.0	28.6

