

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016052.D
 Acq On : 24 Jul 2018 07:15
 Operator : SJ/JU
 Sample : J3762-09
 Misc : MDL 8 PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Quant Time: Jul 24 09:25:51 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	39111	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	152105	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	81094	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	173201	20.00	ng	0.00
75) Chrysene-d12	21.70	240	192760	20.00	ng	0.00
86) Perylene-d12	24.07	264	204406	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	305682	129.83	ng	0.00
7) Phenol-d6	7.38	99	381357	124.03	ng	0.00
23) Nitrobenzene-d5	9.41	82	293686	89.80	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	133568	129.86	ng	0.00
44) 2-Fluorobiphenyl	13.47	172	594342	89.18	ng	0.00
78) Terphenyl-d14	20.15	244	1132921	123.03	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	5389	4.885	ng	# 100
3) Pyridine	4.00	79	9748	3.668	ng	# 71
4) n-Nitrosodimethylamine	3.89	42	9225	4.451	ng	# 35
6) Aniline	7.56	93	12233	3.455	ng	# 93
8) 2-Chlorophenol	7.79	128	15492	5.536	ng	# 99
9) Benzaldehyde	7.39	77	14118	6.535	ng	# 77
10) Phenol	7.41	94	17047	5.544	ng	# 83
11) bis(2-Chloroethyl)ether	7.65	93	12665	5.214	ng	# 90
12) 1,3-Dichlorobenzene	8.12	146	16897	5.159	ng	# 89
13) 1,4-Dichlorobenzene	8.27	146	17146	5.161	ng	# 89
14) 1,2-Dichlorobenzene	8.58	146	17173	5.283	ng	# 88
15) Benzyl Alcohol	8.50	79	8593	3.510	ng	# 86
16) 2,2'-oxybis(1-Chloropropan	8.75	45	18438	4.960	ng	# 89
17) 2-Methylphenol	8.69	107	10488	4.991	ng	# 81
18) Hexachloroethane	9.30	117	7209	5.020	ng	# 94
19) n-Nitroso-di-n-propylamine	9.04	70	10047	4.470	ng	# 70
20) 3+4-Methylphenols	9.02	107	12148	4.018	ng	# 81
22) Acetophenone	9.08	105	20343	5.311	ng	# 72
24) Nitrobenzene	9.46	77	17249	5.240	ng	# 98
25) Isophorone	9.97	82	25737	5.754	ng	# 93
26) 2-Nitrophenol	10.19	139	5240	3.813	ng	# 43
27) 2,4-Dimethylphenol	10.23	122	11890	6.211	ng	# 81
28) bis(2-Chloroethoxy)methane	10.46	93	15213	5.232	ng	# 92
29) 2,4-Dichlorophenol	10.72	162	10510	4.620	ng	# 94
30) 1,2,4-Trichlorobenzene	10.91	180	14354	5.193	ng	# 90
31) Naphthalene	11.10	128	45777	5.946	ng	# 99
32) Benzoic acid	10.34	122	4066	2.786	ng	# 82
33) 4-Chloroaniline	11.24	127	9502	3.025	ng	# 87
34) Hexachlorobutadiene	11.36	225	10856	5.662	ng	# 95
35) Caprolactam	12.02	113	2183	3.465	ng	# 90
36) 4-Chloro-3-methylphenol	12.34	107	11277	4.507	ng	# 94
37) 2-Methylnaphthalene	12.70	142	31043	6.020	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	15267	5.530	ng	# 100
40) Hexachlorocyclopentadiene	13.01	237	4047	10.372	ng	# 87

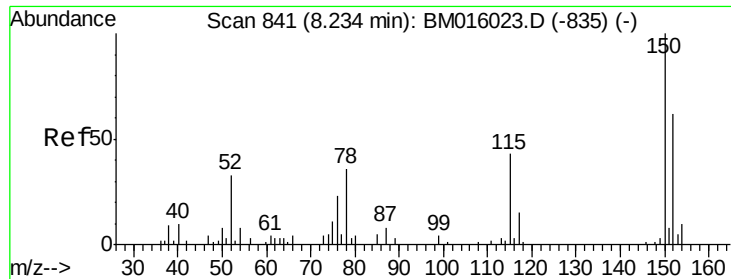
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016052.D
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 Operator : SJ/JU
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 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	8366	4.843	ng	96
43) 2,4,5-Trichlorophenol	13.39	196	8577	4.814	ng #	80
45) 1,1'-Biphenyl	13.69	154	40578	5.545	ng	96
46) 2-Chloronaphthalene	13.75	162	30243	5.313	ng #	86
47) 2-Nitroaniline	13.97	65	6898	3.665	ng #	82
48) Acenaphthylene	14.58	152	46735	5.608	ng	98
49) Dimethylphthalate	14.30	163	39880	5.619	ng	100
50) 2,6-Dinitrotoluene	14.45	165	7154	5.010	ng #	49
51) Acenaphthene	14.92	154	28063	5.476	ng	96
52) 3-Nitroaniline	14.79	138	4866	3.155	ng #	63
53) 2,4-Dinitrophenol	15.04	184	1308	8.089	ng #	57
54) Dibenzofuran	15.25	168	46146	5.464	ng #	84
55) 4-Nitrophenol	15.13	139	2186	1.977	ng	91
56) 2,4-Dinitrotoluene	15.25	165	8570	4.197	ng #	64
57) Fluorene	15.90	166	36051	5.744	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.48	232	7756	5.064	ng #	100
59) Diethylphthalate	15.65	149	41547	5.431	ng	94
60) 4-Chlorophenyl-phenylether	15.88	204	17469	5.000	ng #	86
61) 4-Nitroaniline	15.95	138	5114	3.456	ng #	28
62) Azobenzene	16.17	77	41237	5.119	ng	77
64) 4,6-Dinitro-2-methylphenol	16.00	198	3168	3.013	ng	84
65) n-Nitrosodiphenylamine	16.10	169	29720	5.211	ng	94
66) 4-Bromophenyl-phenylether	16.77	248	10313	5.258	ng #	71
67) Hexachlorobenzene	16.89	284	11047	5.115	ng #	57
68) Atrazine	17.03	200	10646	5.208	ng	97
69) Pentachlorophenol	17.24	266	3907	2.921	ng	94
70) Phenanthrene	17.63	178	57788	5.959	ng	99
71) Anthracene	17.72	178	55585	5.898	ng	98
72) Carbazole	17.99	167	48194	4.936	ng	96
73) Di-n-butylphthalate	18.51	149	56836	4.672	ng #	95
74) Fluoranthene	19.62	202	62437	5.772	ng	98
76) Benzidine	19.80	184	12854	2.386	ng #	89
77) Pyrene	19.97	202	64000	5.540	ng	98
79) Butylbenzylphthalate	20.82	149	26736	4.556	ng #	86
80) Benzo(a)anthracene	21.68	228	70688	5.954	ng	98
81) 3,3'-Dichlorobenzidine	21.61	252	17476	3.655	ng	98
82) Chrysene	21.73	228	66473	5.837	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	38639	4.543	ng	94
84) Di-n-octyl phthalate	22.48	149	67789	4.743	ng #	91
85) Indeno(1,2,3-cd)pyrene	26.49	276	82579	6.110	ng #	94
87) Benzo(b)fluoranthene	23.35	252	72639	6.036	ng #	97
88) Benzo(k)fluoranthene	23.40	252	68632	5.627	ng	96
89) Benzo(a)pyrene	23.97	252	68097	5.886	ng	97
90) Dibenzo(a,h)anthracene	26.50	278	69668	5.812	ng	96
91) Benzo(g,h,i)perylene	27.24	276	68085	6.005	ng #	93

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

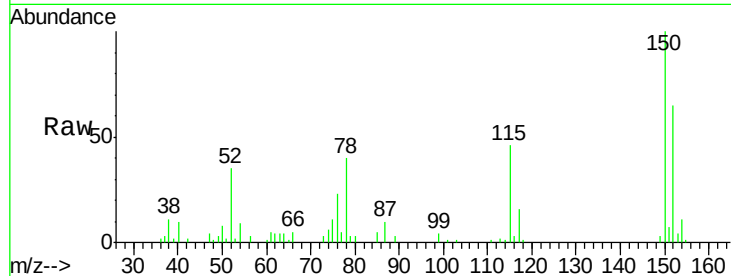


#1

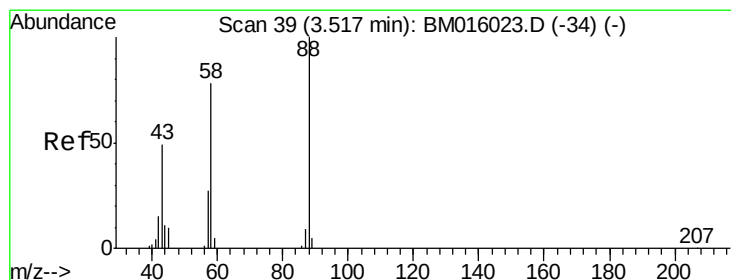
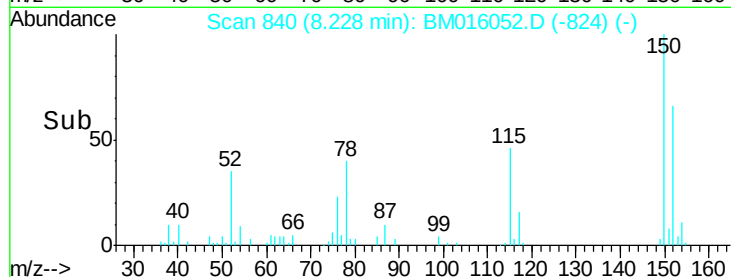
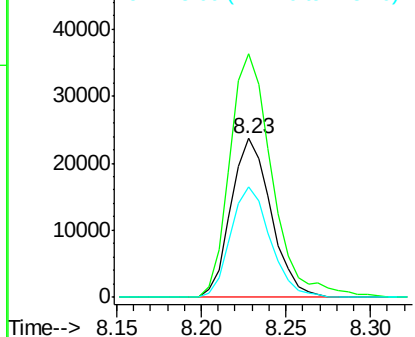
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 152 Resp: 39111
Ion Ratio Lower Upper
152 100
150 153.1 119.5 179.3
115 69.8 43.0 64.4#



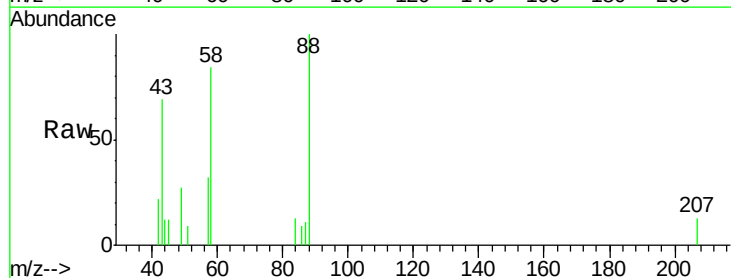
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



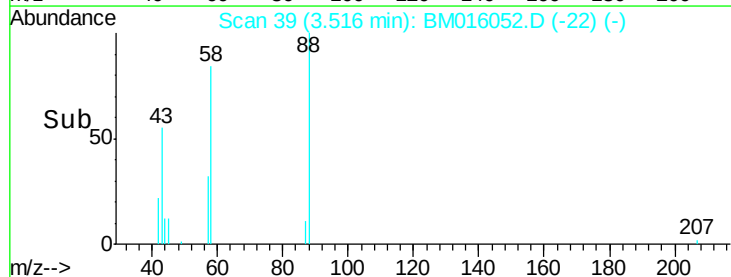
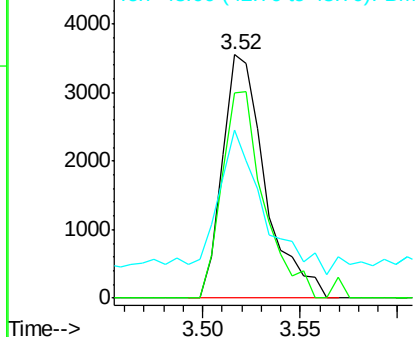
#2

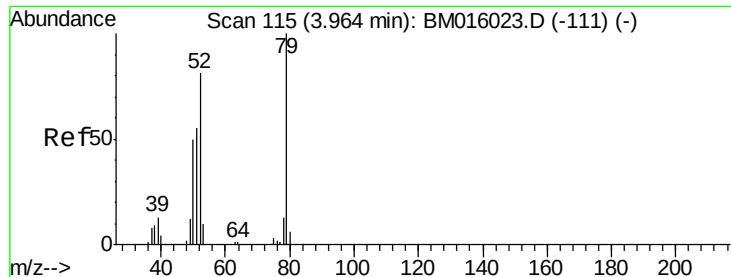
1,4-Dioxane
Concen: 4.885 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 88 Resp: 5389
Ion Ratio Lower Upper
88 100
58 83.1 0.0 0.0#
43 62.8 0.0 0.0#



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

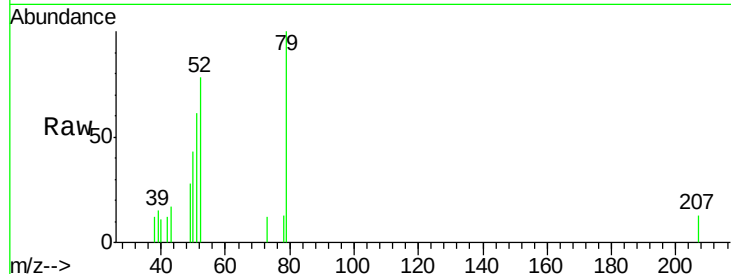




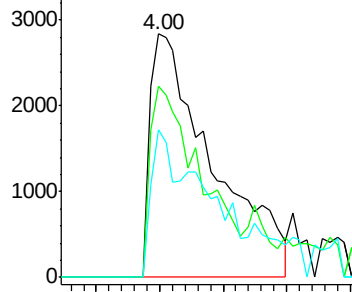
#3
 Pyridine
 Concen: 3.668 ng
 RT: 4.00 min Scan# 121
 Delta R.T. 0.04 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

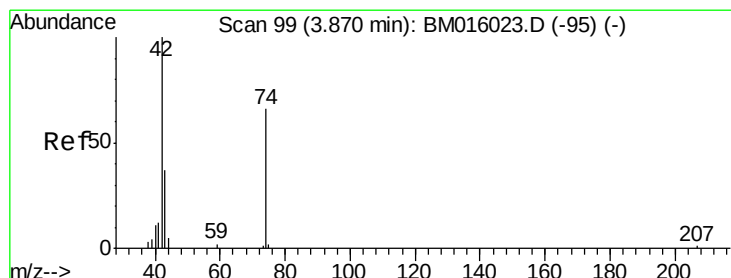
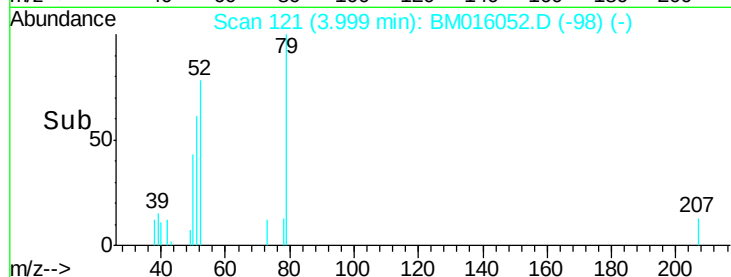
Tgt Ion: 79 Resp: 9748
 Ion Ratio Lower Upper
 79 100
 52 78.5 51.1 76.7#
 51 60.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM0
 Ion 52.00 (51.70 to 52.70): BM0
 Ion 51.00 (50.70 to 51.70): BM0

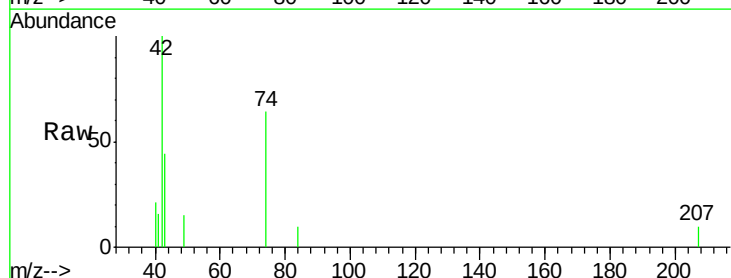


Time-->

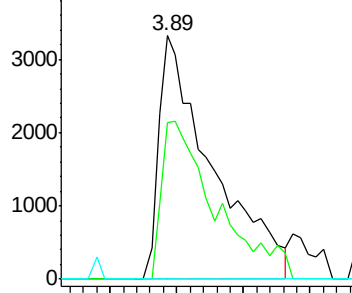


#4
 n-Nitrosodimethylamine
 Concen: 4.451 ng
 RT: 3.89 min Scan# 103
 Delta R.T. 0.02 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

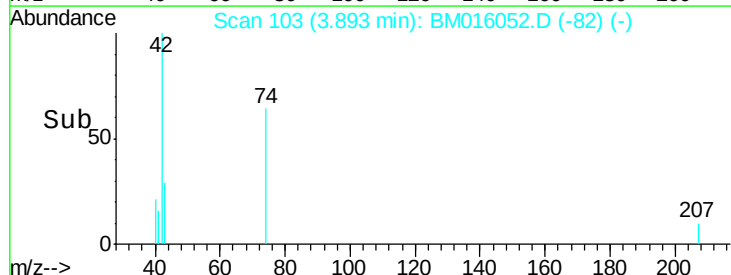
Tgt Ion: 42 Resp: 9225
 Ion Ratio Lower Upper
 42 100
 74 64.4 119.3 178.9#
 44 0.0 5.4 8.2#

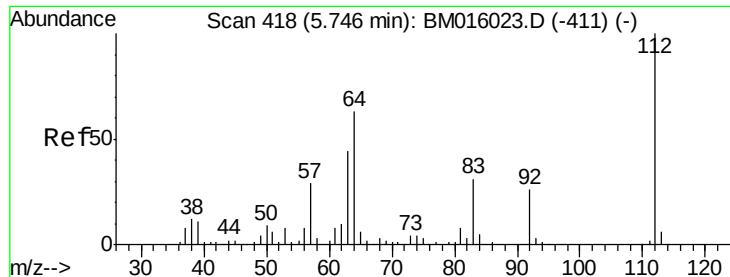


Abundance Ion 42.00 (41.70 to 42.70): BM0
 Ion 74.00 (73.70 to 74.70): BM0
 Ion 44.00 (43.70 to 44.70): BM0



Time-->





#5

2-Fluorophenol

Concen: 4.451 ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

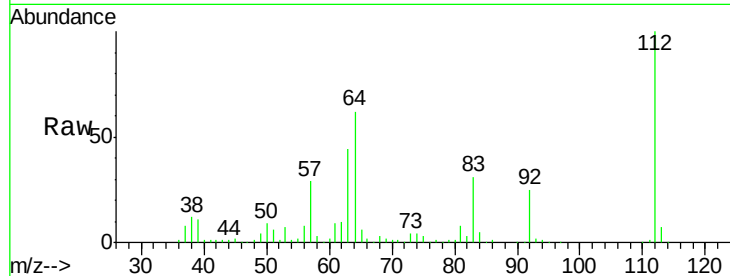
Tgt Ion: 112 Resp: 305682

Ion Ratio Lower Upper

112 100

64 62.2 38.6 57.8#

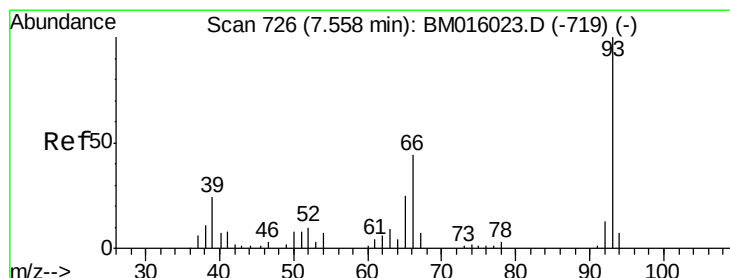
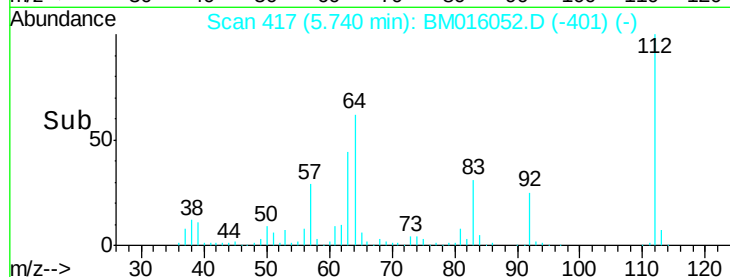
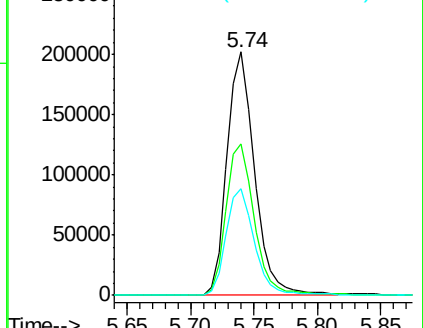
63 44.0 19.3 28.9#



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: 3.455 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

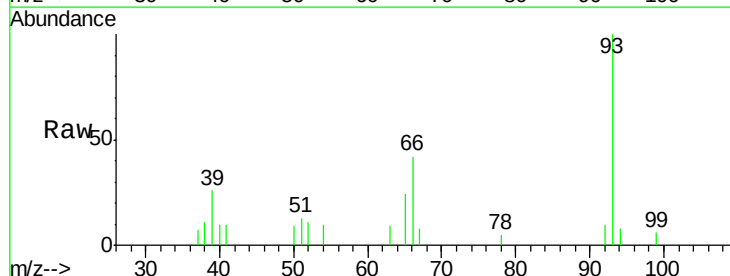
Tgt Ion: 93 Resp: 12233

Ion Ratio Lower Upper

93 100

66 42.0 30.8 46.2

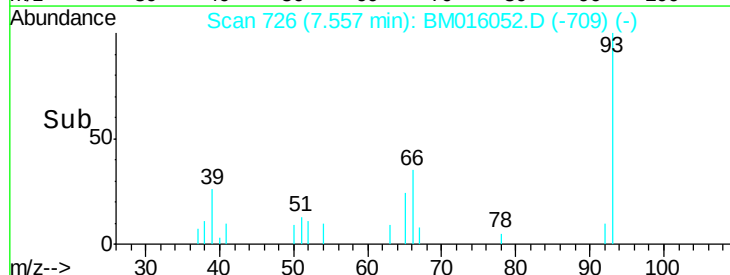
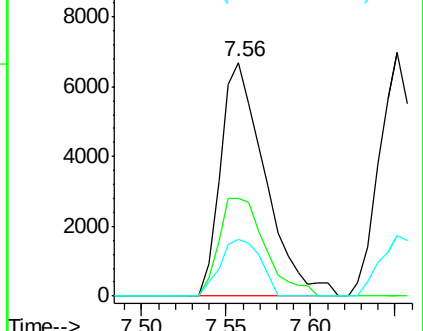
65 24.5 16.0 24.0#

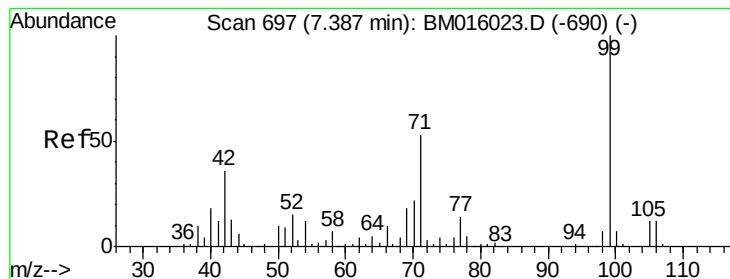


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 3.455 ng

RT: 7.38 min Scan# 696

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

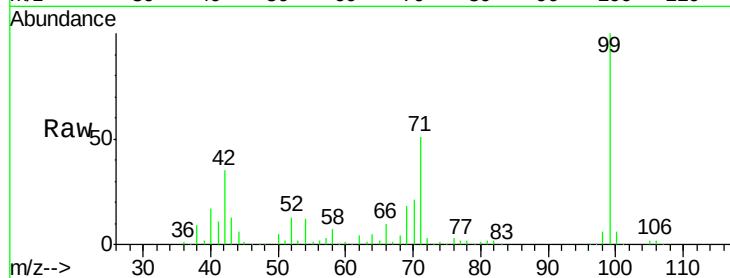
Tgt Ion: 99 Resp: 381357

Ion Ratio Lower Upper

99 100

42 35.5 11.0 16.4#

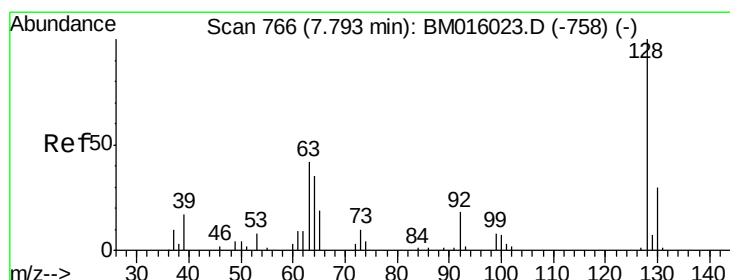
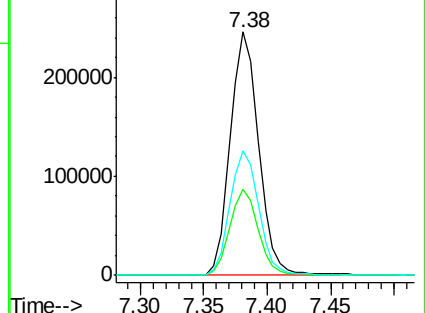
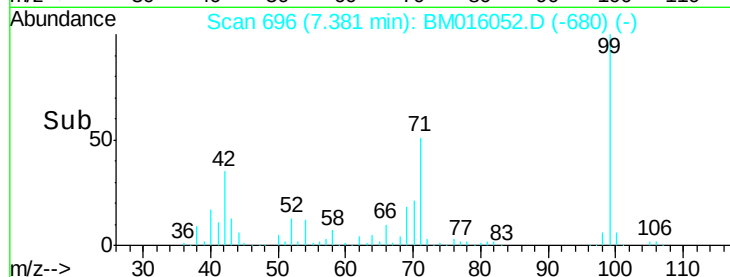
71 51.2 23.4 35.2#



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: 5.536 ng

RT: 7.79 min Scan# 766

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

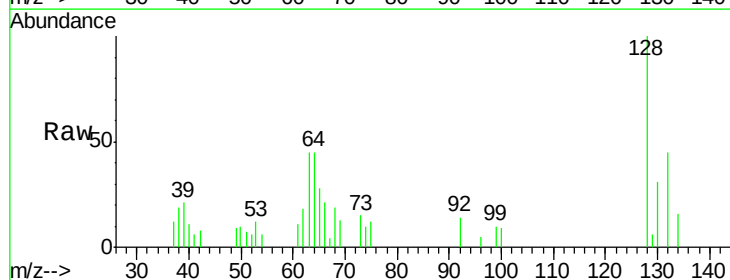
Tgt Ion: 128 Resp: 15492

Ion Ratio Lower Upper

128 100

130 30.8 12.0 52.0

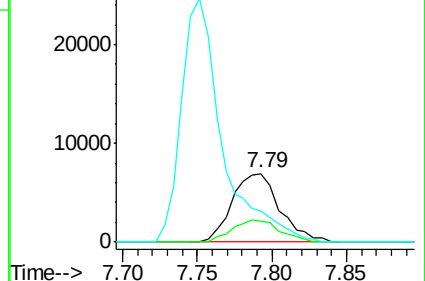
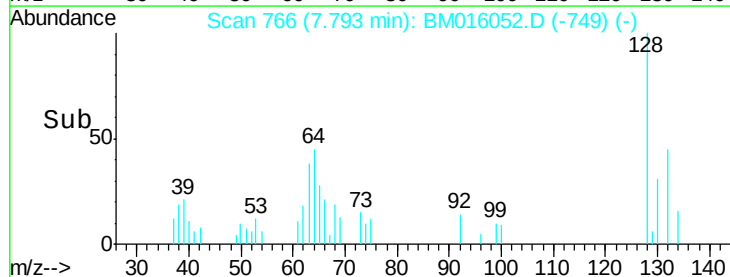
64 45.4 24.9 64.9

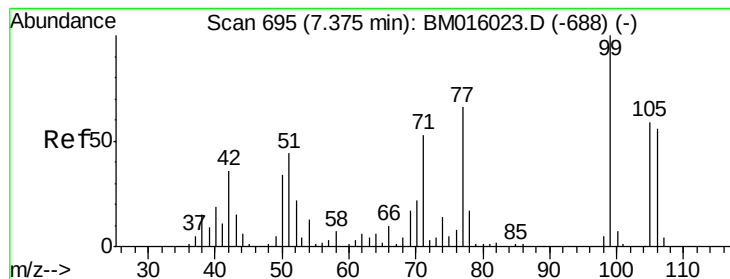


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

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: 6.535 ng

RT: 7.39 min Scan# 697

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

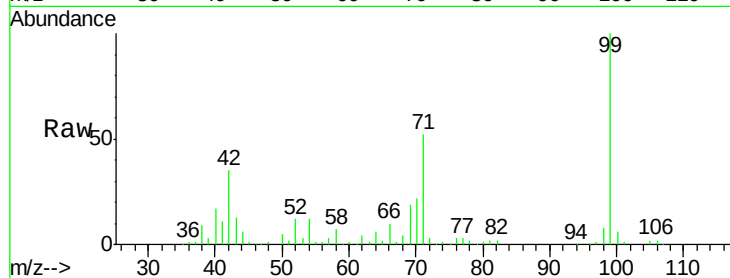
Tgt Ion: 77 Resp: 14118

Ion Ratio Lower Upper

77 100

105 71.1 78.8 118.8#

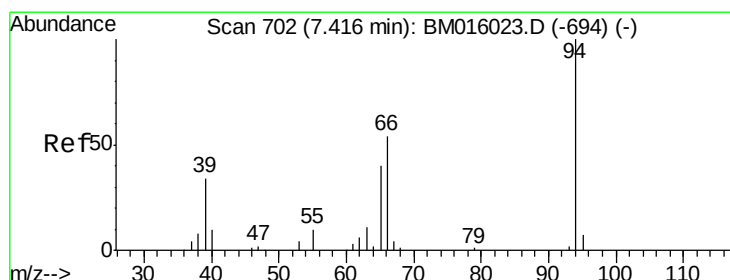
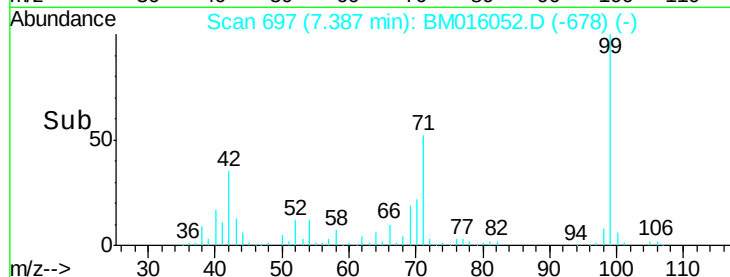
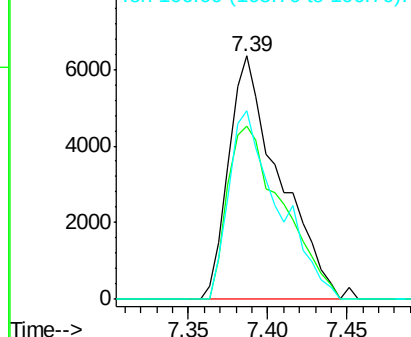
106 77.4 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016052.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016052.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016052.D (-678) (-)



#10

Phenol

Concen: 5.544 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

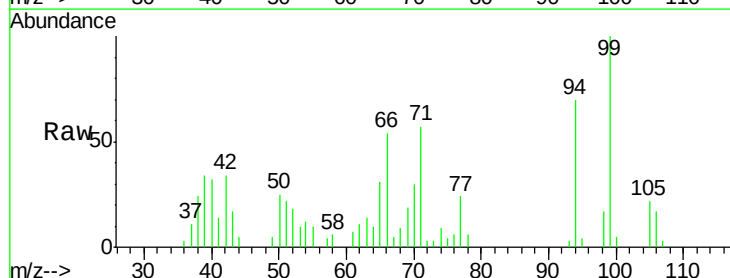
Tgt Ion: 94 Resp: 17047

Ion Ratio Lower Upper

94 100

65 44.6 18.8 58.8

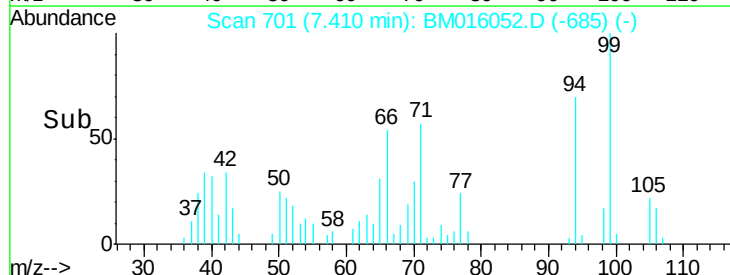
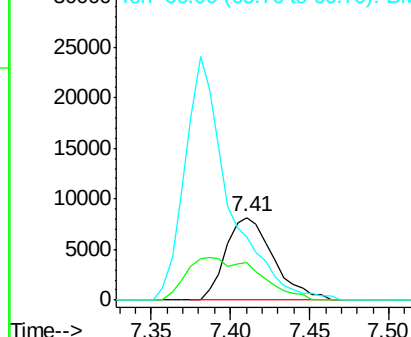
66 76.0 39.9 79.9

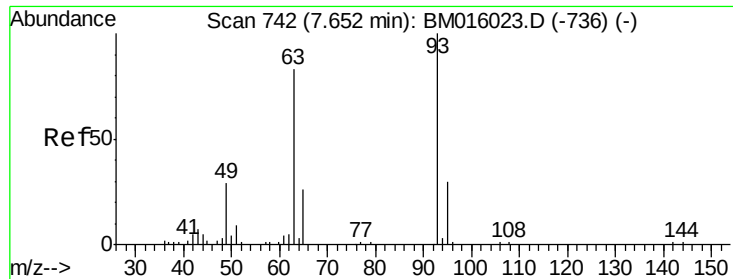


Abundance Ion 94.00 (93.70 to 94.70): BM016052.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM016052.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016052.D (-685) (-)

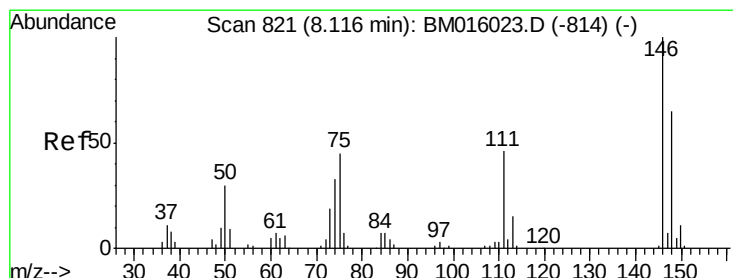
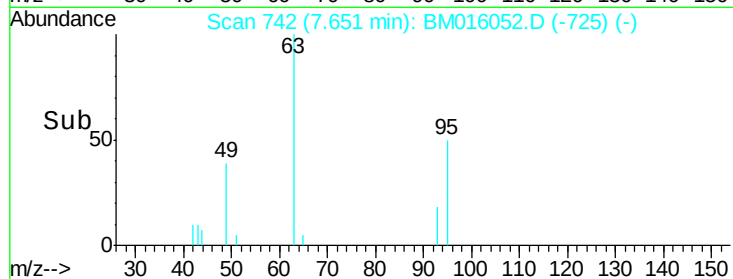
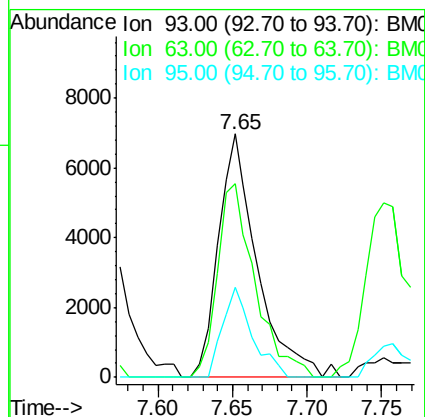
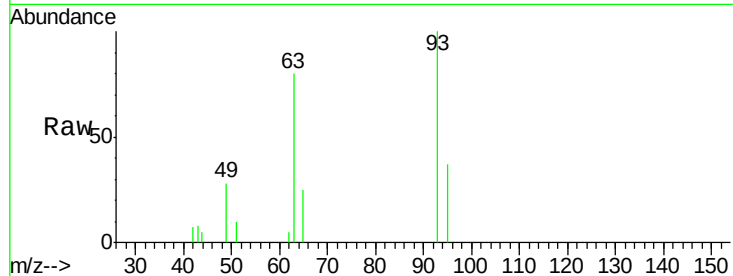




#11
 bis(2-Chloroethyl)ether
 Concen: 5.214 ng
 RT: 7.65 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

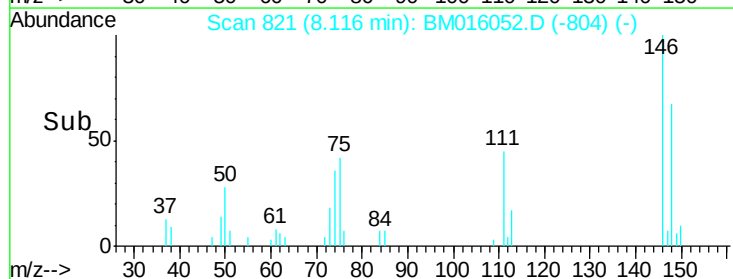
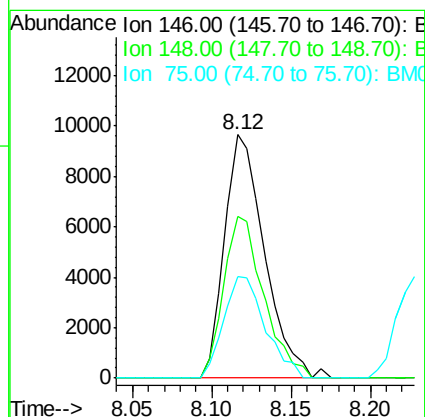
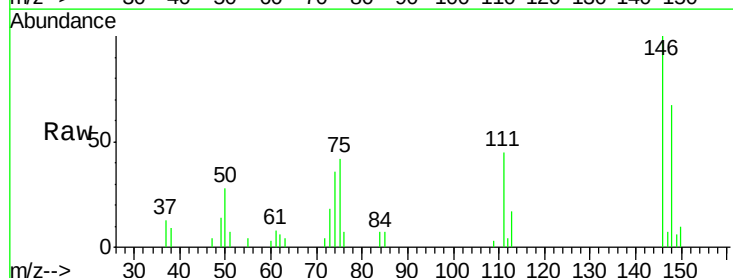
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

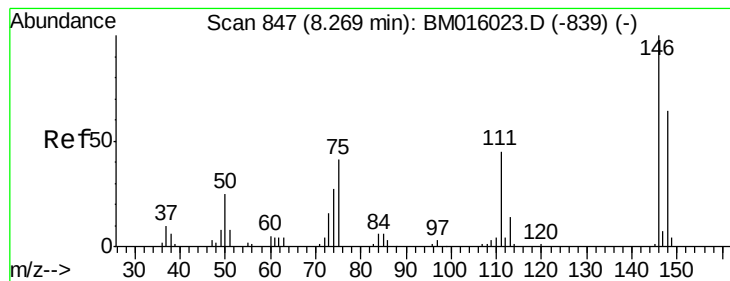
Tgt Ion: 93 Resp: 12665
 Ion Ratio Lower Upper
 93 100
 63 79.8 49.5 89.5
 95 36.8 13.5 53.5



#12
 1,3-Dichlorobenzene
 Concen: 5.159 ng
 RT: 8.12 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion: 146 Resp: 16897
 Ion Ratio Lower Upper
 146 100
 148 66.5 50.9 76.3
 75 41.8 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 5.161 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

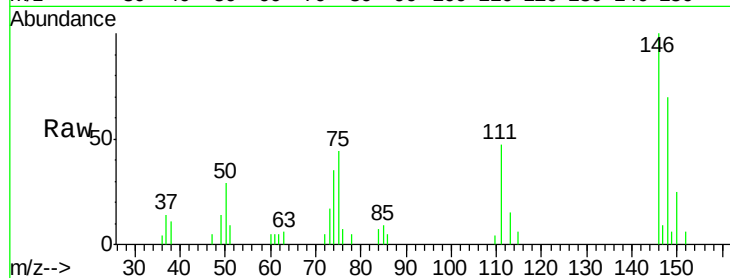
Tgt Ion:146 Resp: 17146

Ion Ratio Lower Upper

146 100

148 70.1 51.9 77.9

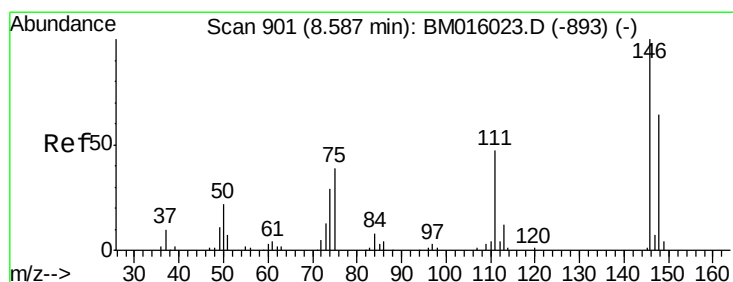
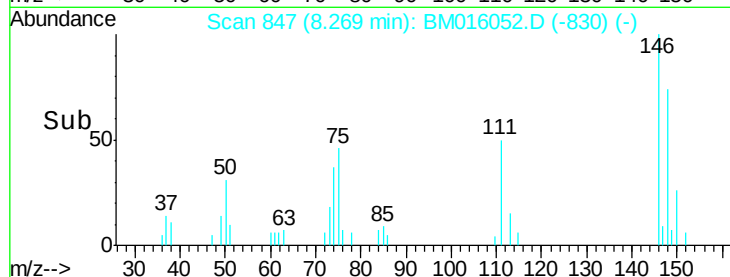
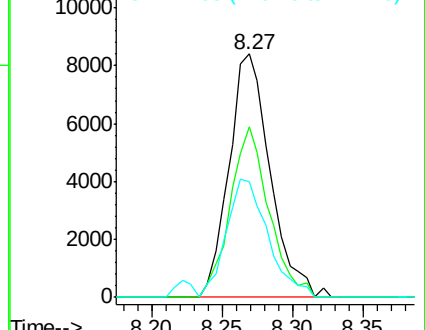
111 47.5 29.2 43.8#



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: 5.283 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

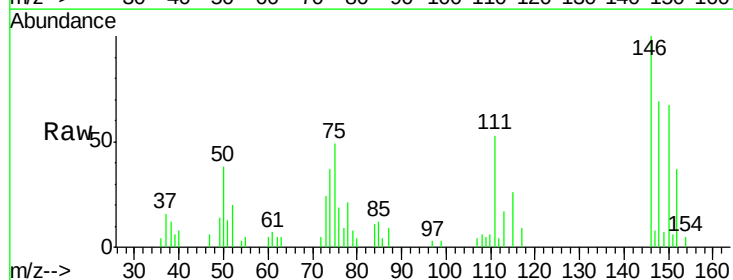
Tgt Ion:146 Resp: 17173

Ion Ratio Lower Upper

146 100

148 68.7 52.3 78.5

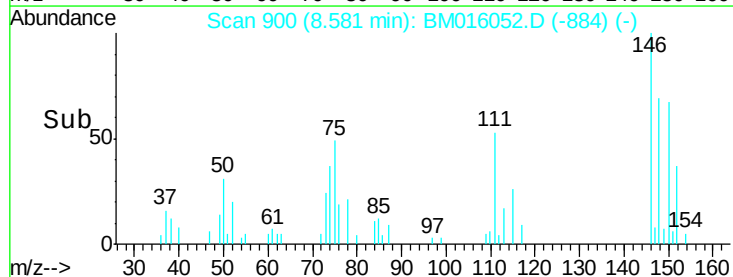
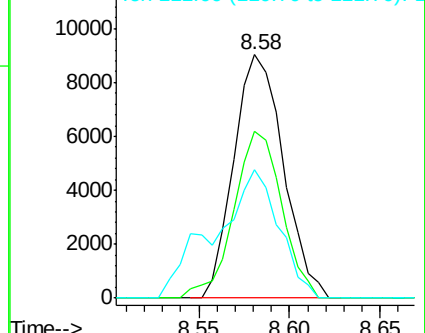
111 53.0 30.6 45.8#

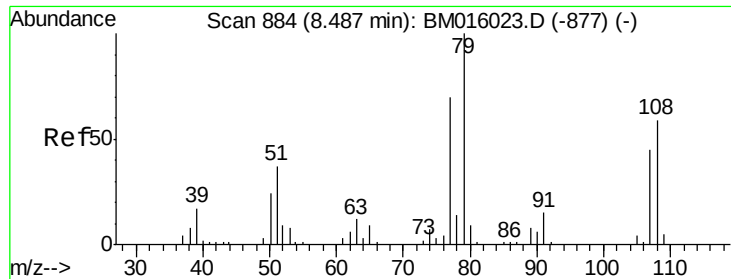


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

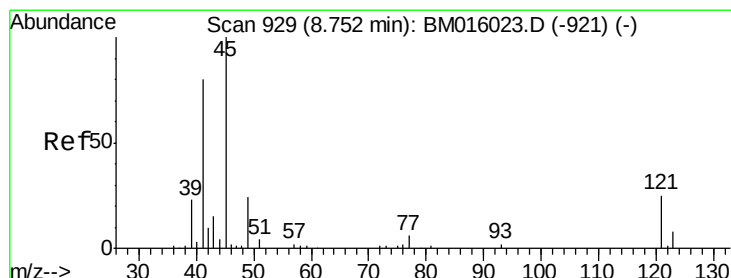
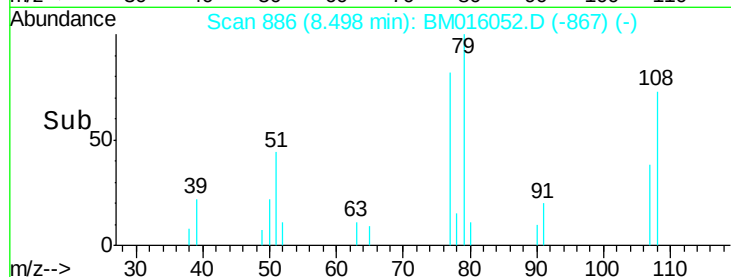
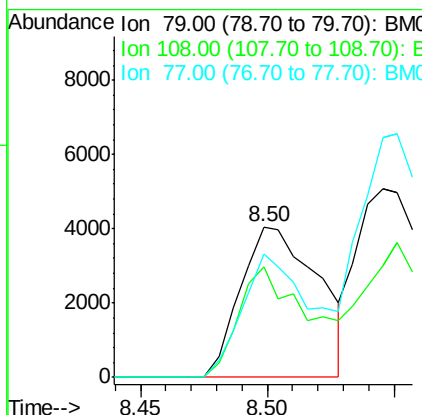
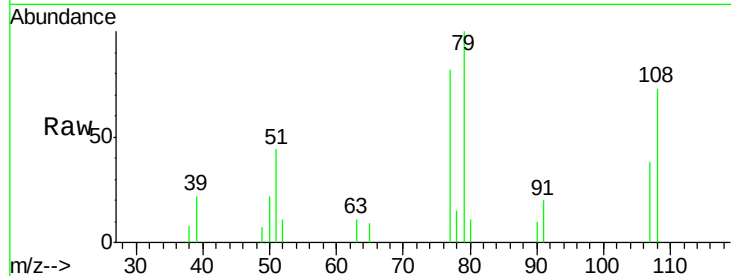




#15
Benzyl Alcohol
Concen: 3.510 ng
RT: 8.50 min Scan# 886
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

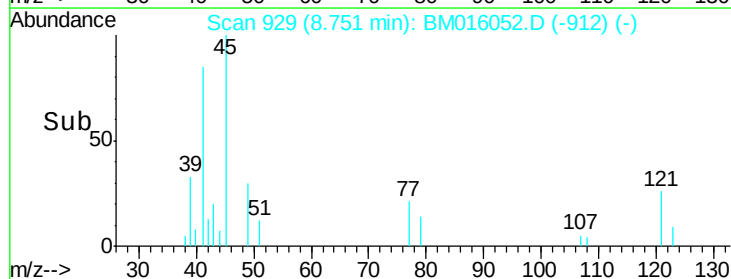
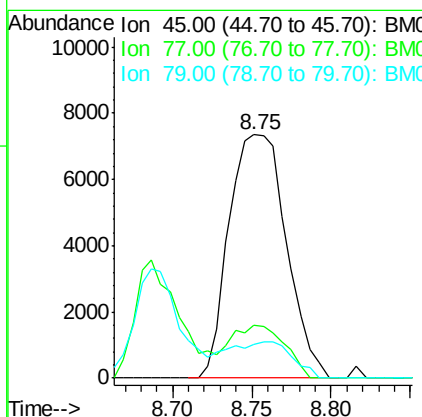
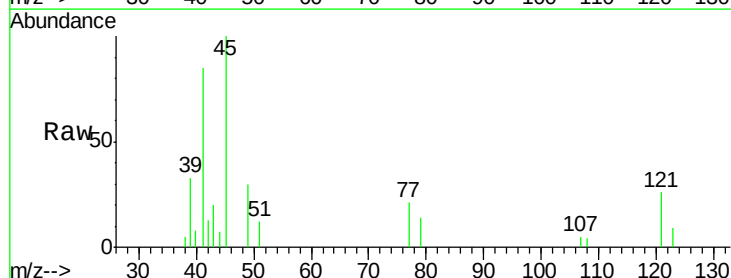
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

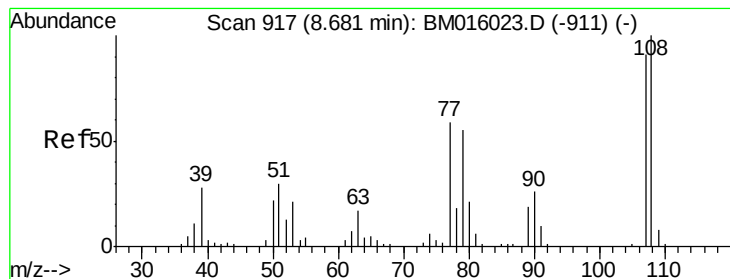
Tgt Ion: 79 Resp: 8593
Ion Ratio Lower Upper
79 100
108 73.4 65.0 97.4
77 81.7 53.0 79.6#



#16
2,2'-oxybis(1-chloropropane)
Concen: 4.960 ng
RT: 8.75 min Scan# 929
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 45 Resp: 18438
Ion Ratio Lower Upper
45 100
77 21.5 0.0 35.2
79 13.9 0.0 32.0





#17

2-Methylphenol

Concen: 4.991 ng

RT: 8.69 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:107 Resp: 10488

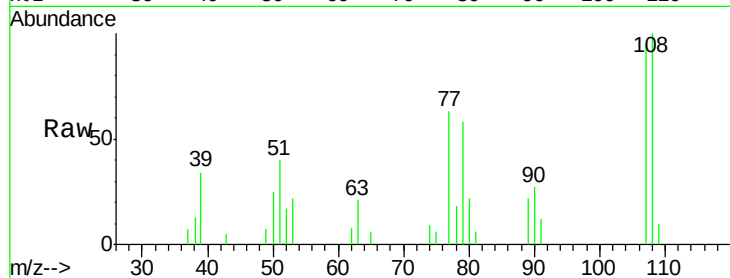
Ion Ratio Lower Upper

107 100

108 105.7 89.8 134.8

77 66.5 32.6 48.8#

79 61.4 32.8 49.2#

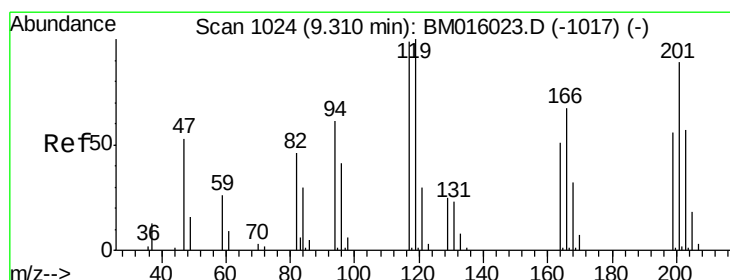
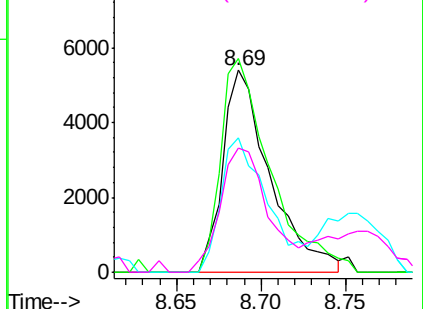
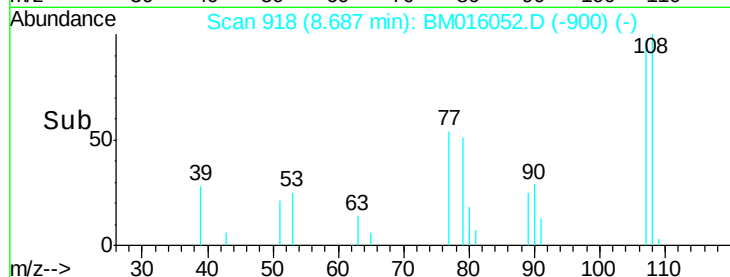


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 5.020 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

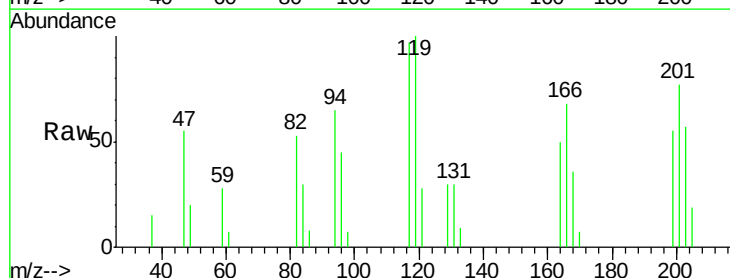
Tgt Ion:117 Resp: 7209

Ion Ratio Lower Upper

117 100

119 103.1 79.2 118.8

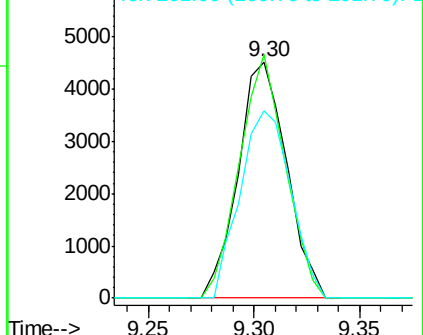
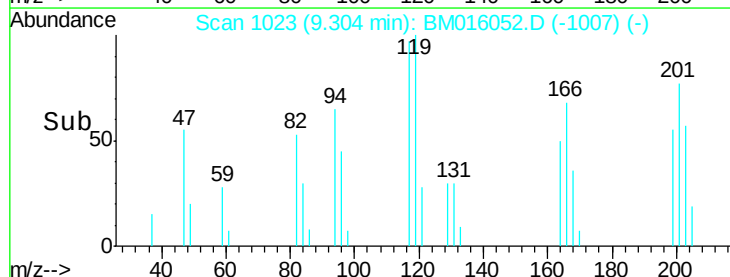
201 79.1 69.8 104.6

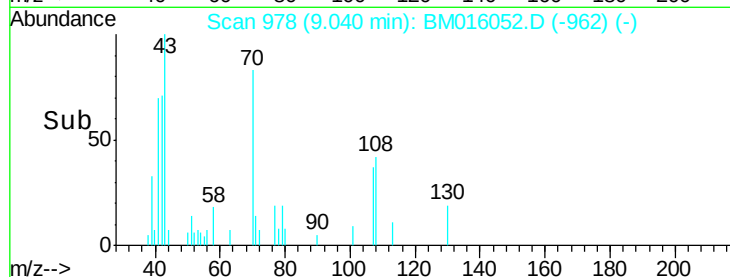
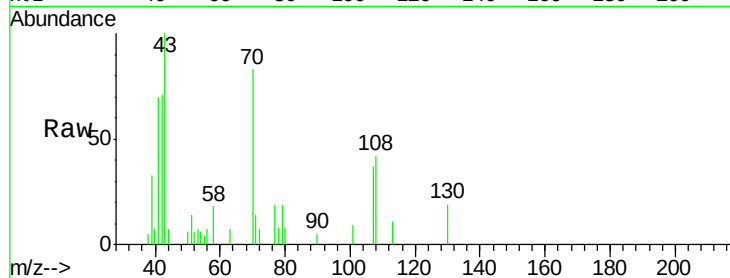
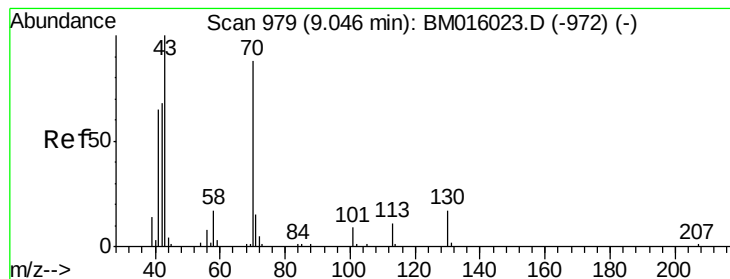


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 4.470 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion: 70 Resp: 10047

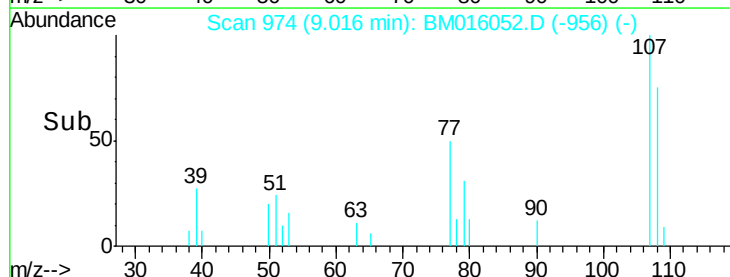
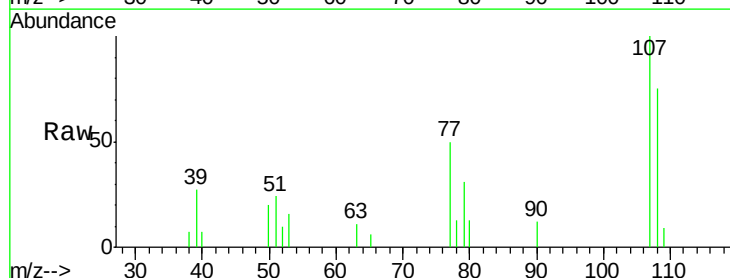
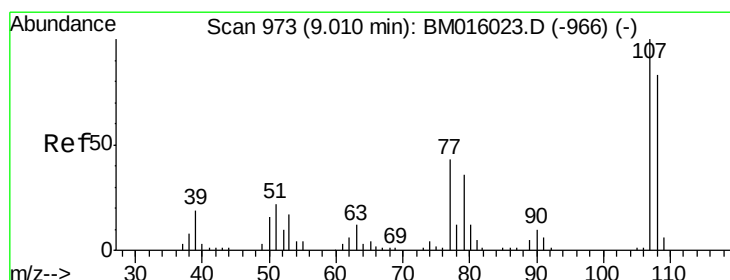
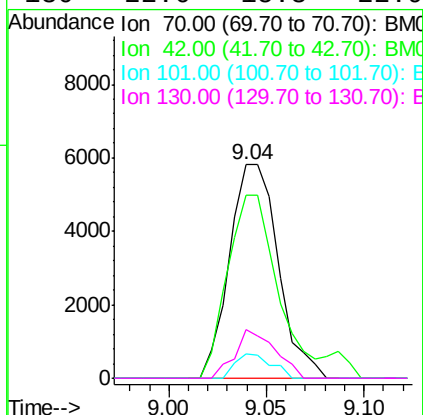
Ion Ratio Lower Upper

70 100

42 85.8 44.5 66.7#

101 11.2 7.4 11.2

130 22.6 15.3 22.9



#20

3+4-Methylphenols

Concen: 4.018 ng

RT: 9.02 min Scan# 974

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Tgt Ion: 107 Resp: 12148

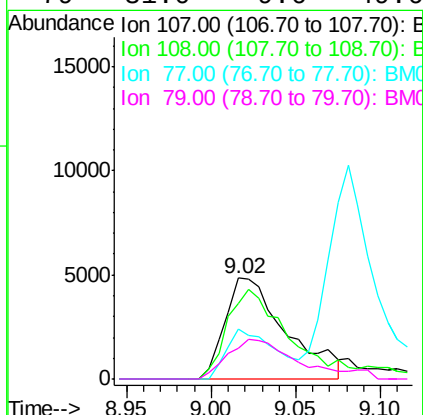
Ion Ratio Lower Upper

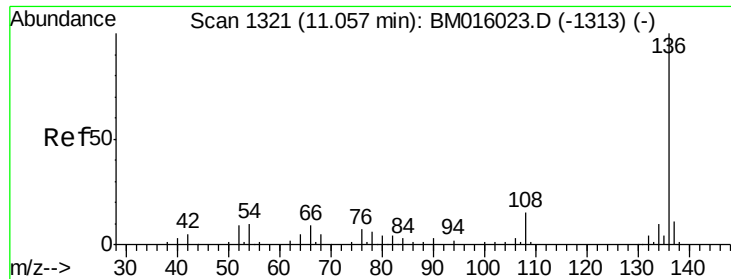
107 100

108 75.4 73.2 113.2

77 49.9 10.7 50.7

79 31.0 9.6 49.6

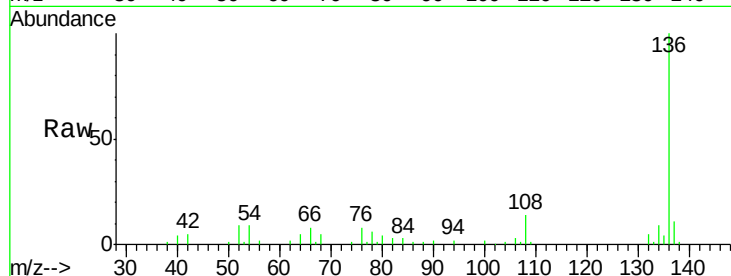




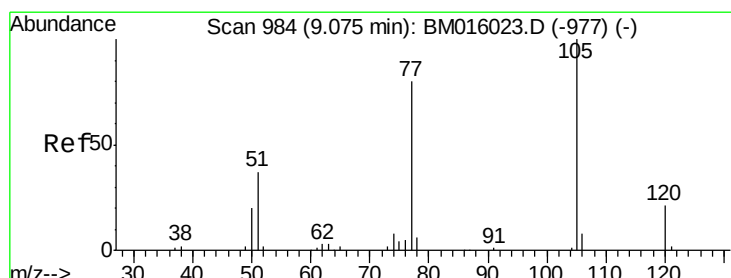
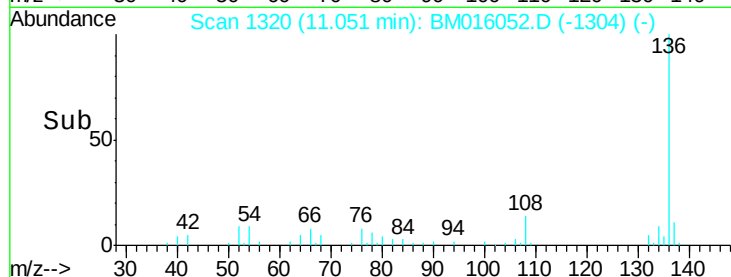
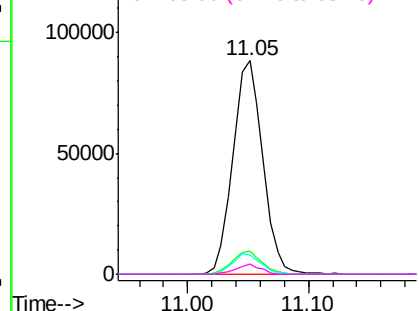
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion:	136	Resp:	152105
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	9.1	4.6	6.8#
68	4.7	3.7	5.5

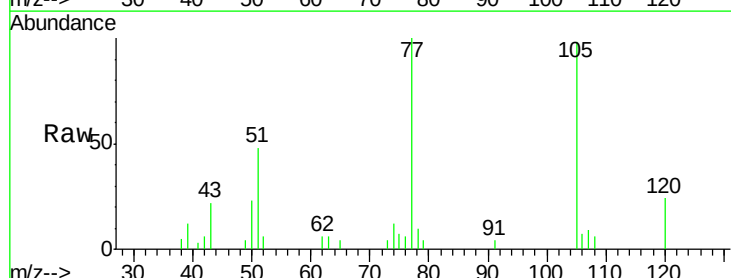


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

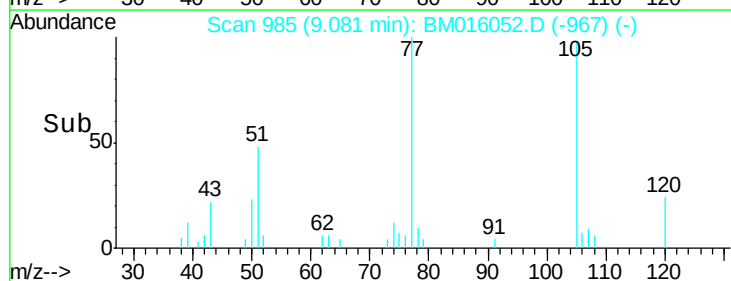
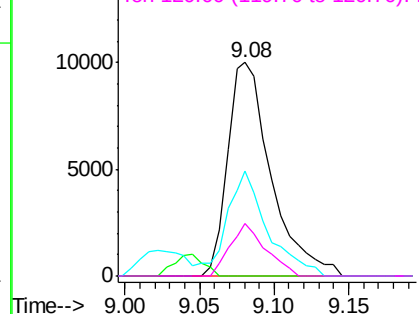


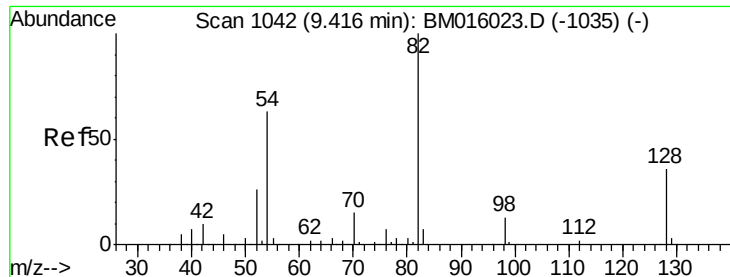
#22
Acetophenone
Concen: 5.311 ng
RT: 9.08 min Scan# 985
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:	105	Resp:	20343
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	48.9	21.6	32.4#
120	24.3	16.1	24.1#



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

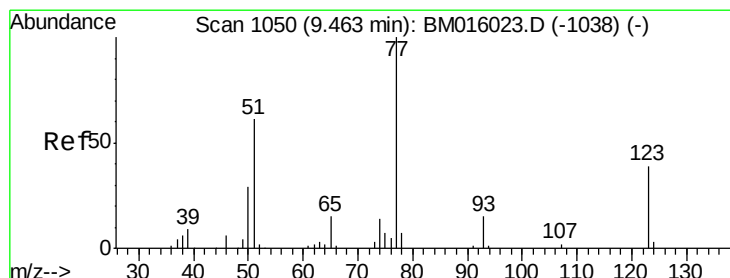
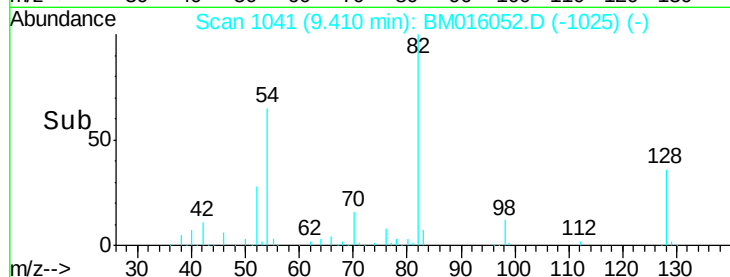
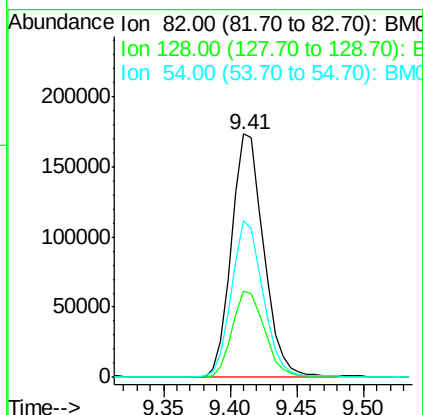
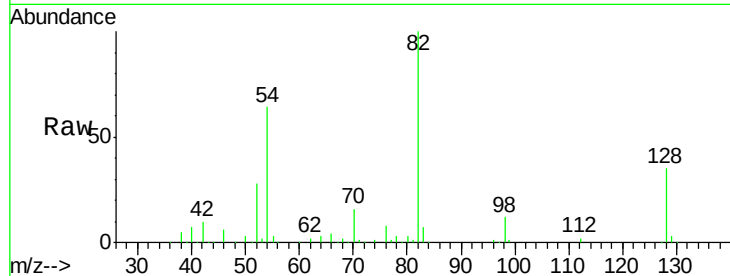




#23
Nitrobenzene-d5
Concen: 5.311 ng
RT: 9.41 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

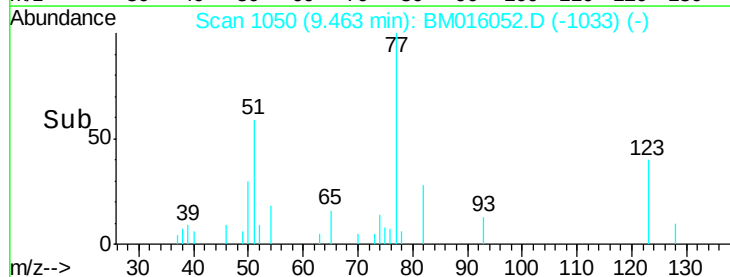
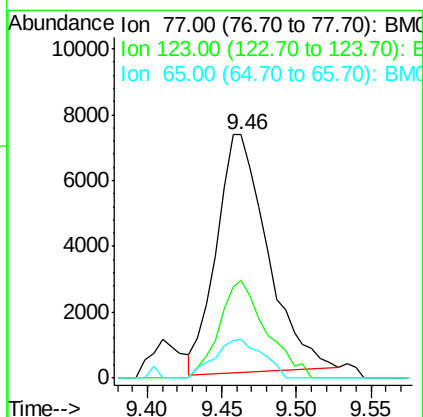
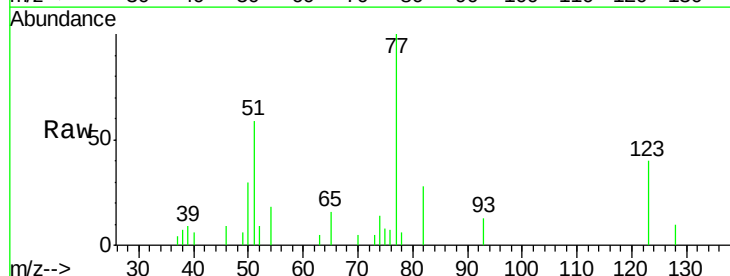
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

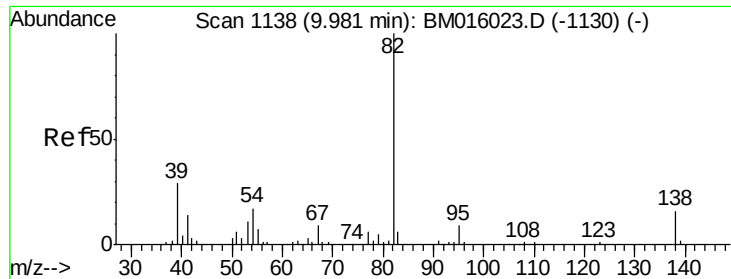
Tgt Ion: 82 Resp: 293686
Ion Ratio Lower Upper
82 100
128 35.3 32.8 49.2
54 64.4 40.6 60.8#



#24
Nitrobenzene
Concen: 5.240 ng
RT: 9.46 min Scan# 1050
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 77 Resp: 17249
Ion Ratio Lower Upper
77 100
123 40.1 32.6 49.0
65 16.1 10.9 16.3

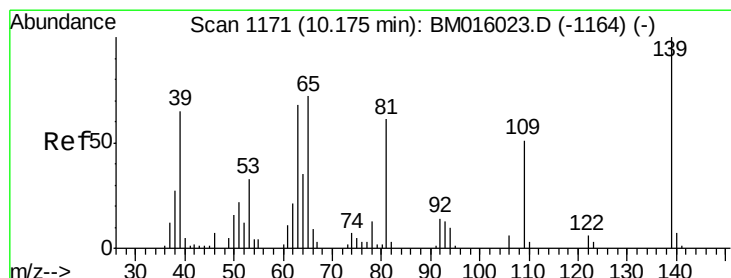
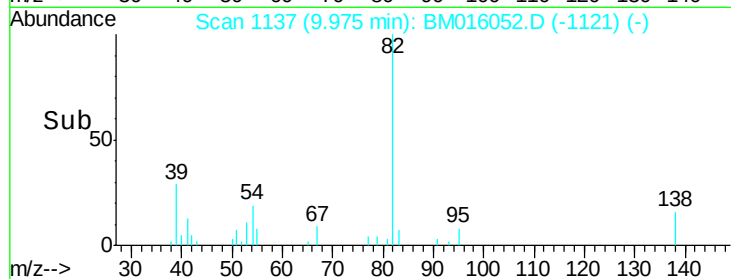
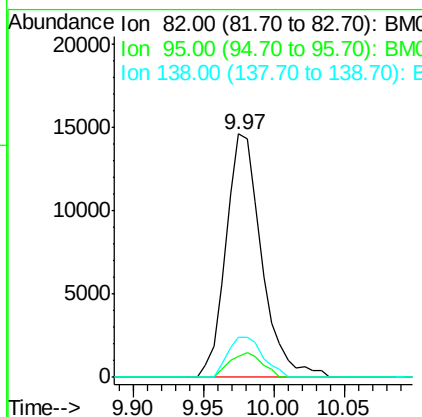
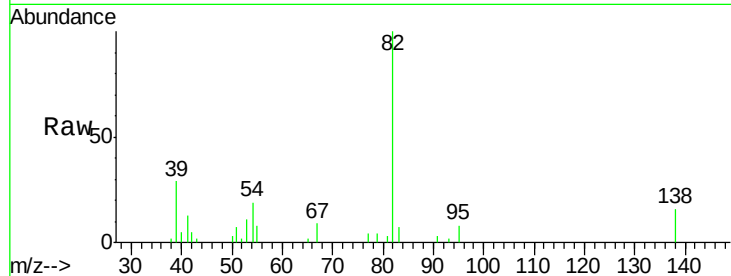




#25
Isophorone
Concen: 5.754 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

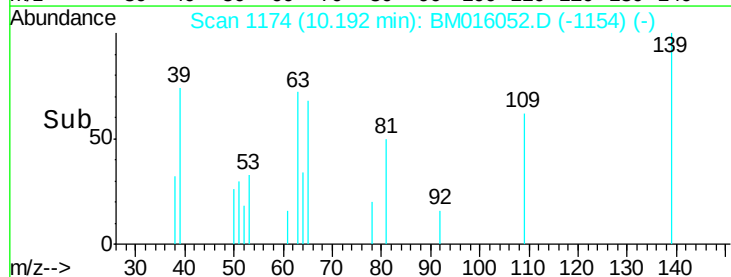
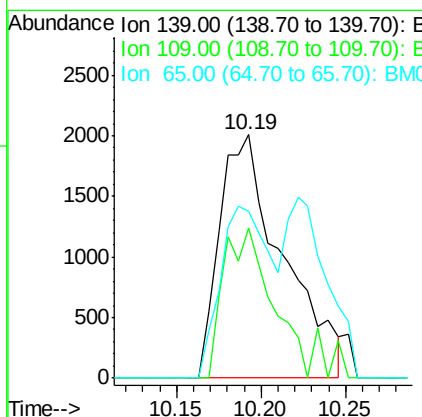
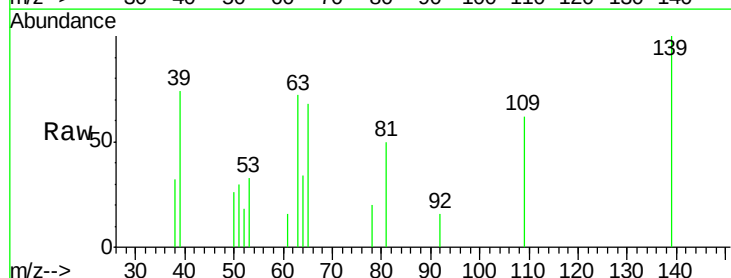
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

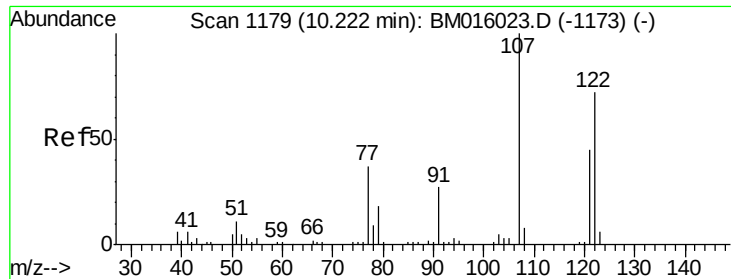
Tgt Ion: 82 Resp: 25737
Ion Ratio Lower Upper
82 100
95 8.4 5.8 8.6
138 16.5 16.3 24.5



#26
2-Nitrophenol
Concen: 3.813 ng
RT: 10.19 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 139 Resp: 5240
Ion Ratio Lower Upper
139 100
109 61.8 20.1 30.1#
65 68.3 31.5 47.3#

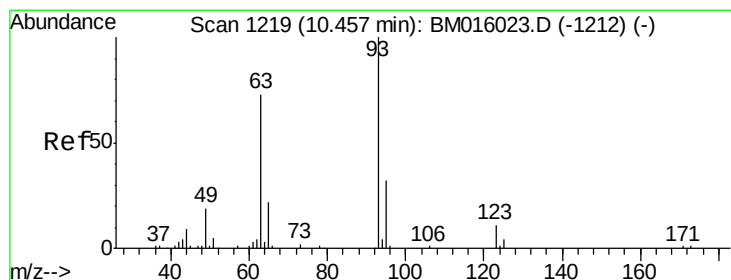
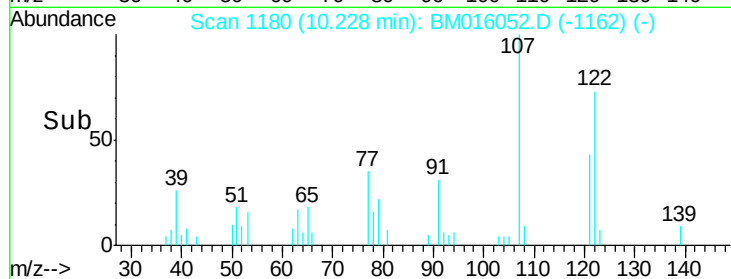
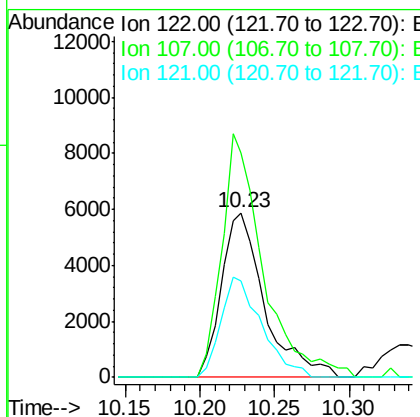
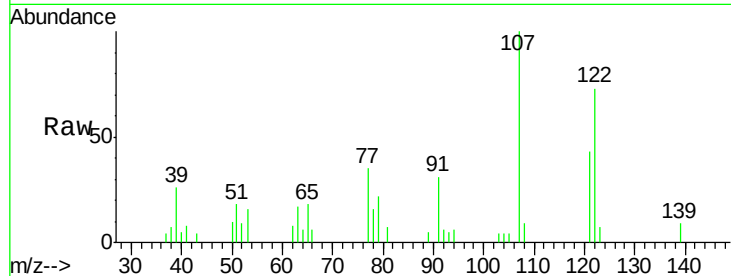




#27
2,4-Dimethylphenol
Concen: 6.211 ng
RT: 10.23 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

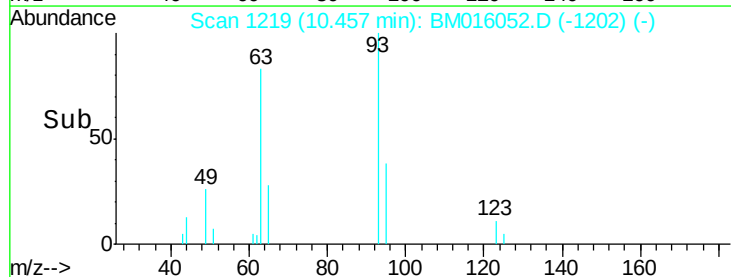
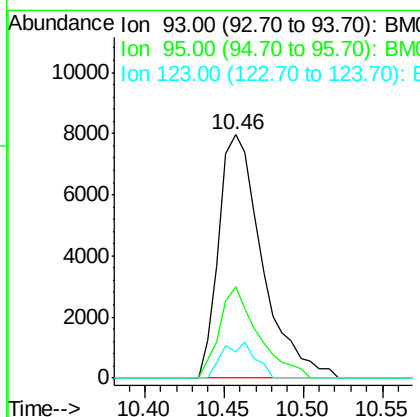
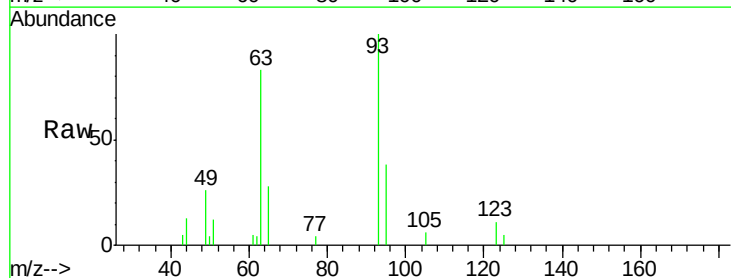
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

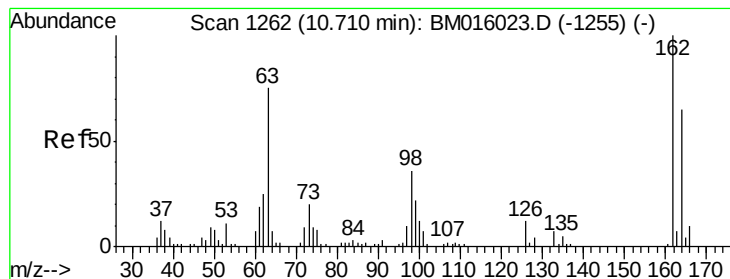
Tgt Ion: 122 Resp: 11890
Ion Ratio Lower Upper
122 100
107 136.4 84.7 127.1#
121 58.4 46.6 69.8



#28
bis(2-Chloroethoxy)methane
Concen: 5.232 ng
RT: 10.46 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 93 Resp: 15213
Ion Ratio Lower Upper
93 100
95 37.7 25.5 38.3
123 10.7 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 4.620 ng

RT: 10.72 min Scan# 1264

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

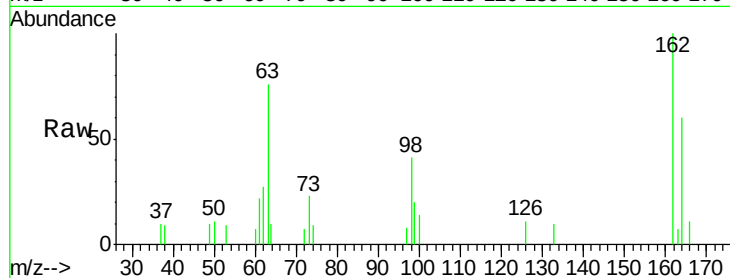
Tgt Ion:162 Resp: 10510

Ion Ratio Lower Upper

162 100

164 60.2 42.8 82.8

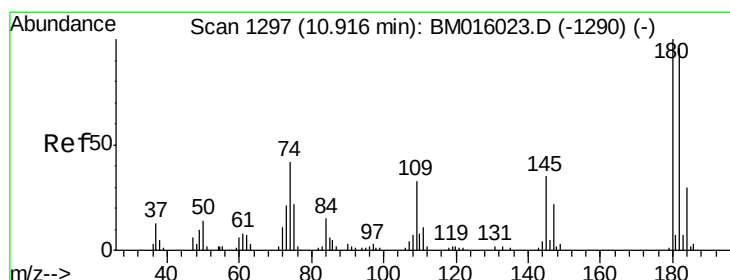
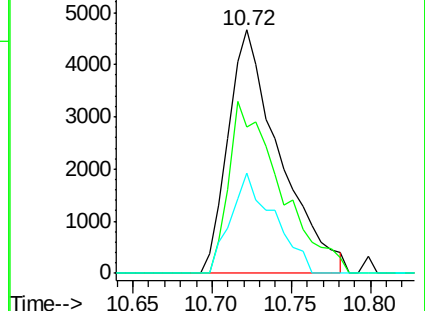
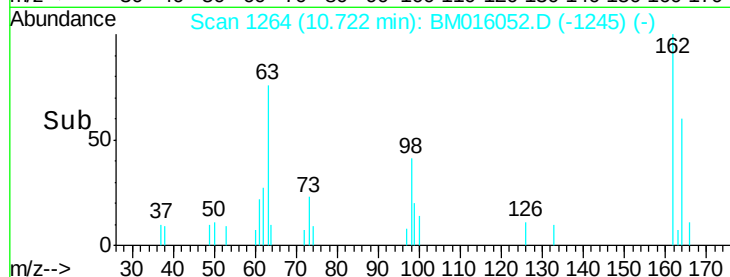
98 41.1 14.5 54.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 5.193 ng

RT: 10.91 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

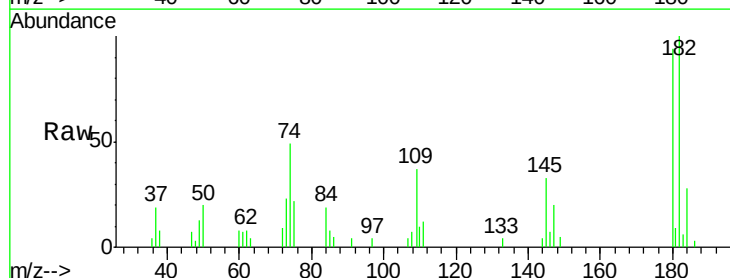
Tgt Ion:180 Resp: 14354

Ion Ratio Lower Upper

180 100

182 106.5 77.6 116.4

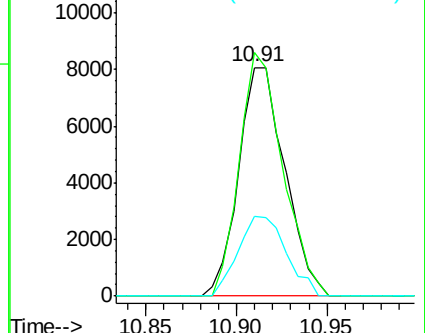
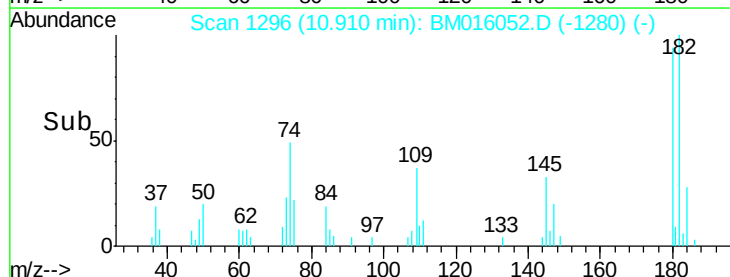
145 35.1 23.4 35.2

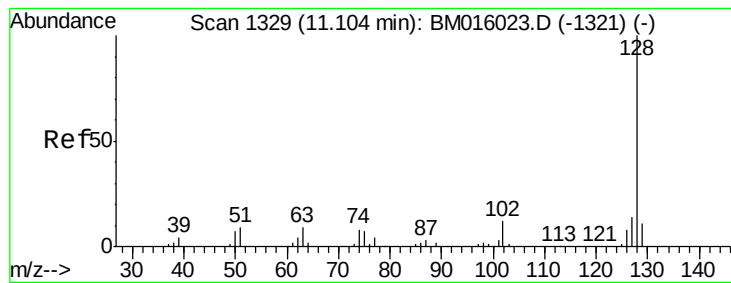


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 5.946 ng

RT: 11.10 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

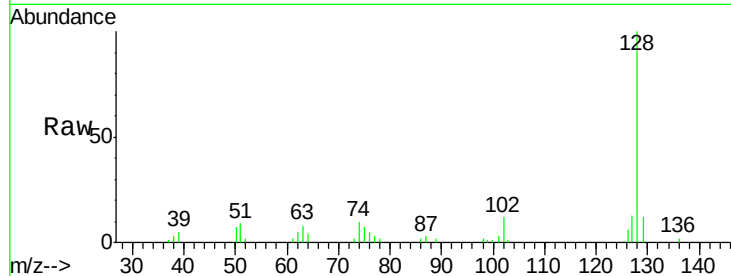
Tgt Ion:128 Resp: 45777

Ion Ratio Lower Upper

128 100

129 11.6 8.9 13.3

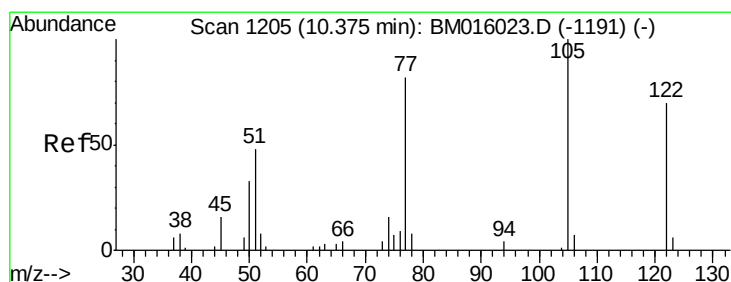
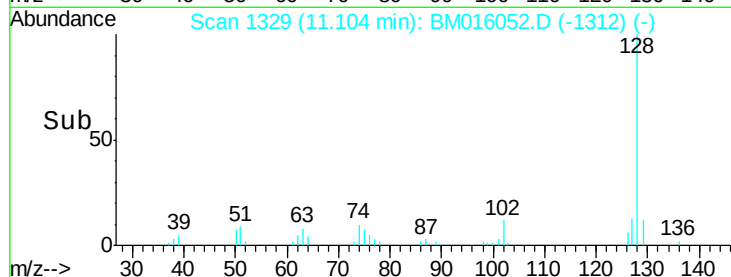
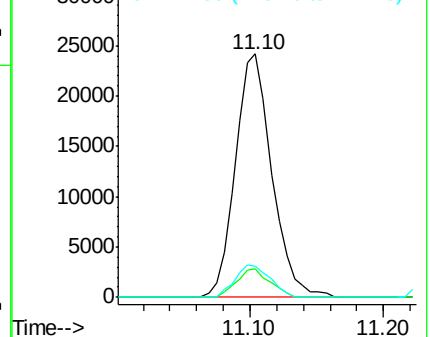
127 12.6 10.4 15.6



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



#32

Benzoic acid

Concen: 2.786 ng

RT: 10.34 min Scan# 1199

Delta R.T. -0.04 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

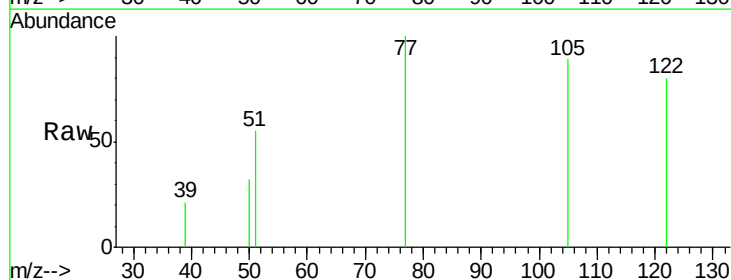
Tgt Ion:122 Resp: 4066

Ion Ratio Lower Upper

122 100

105 112.0 99.9 139.9

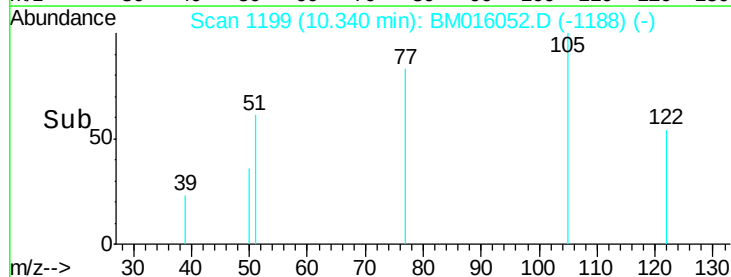
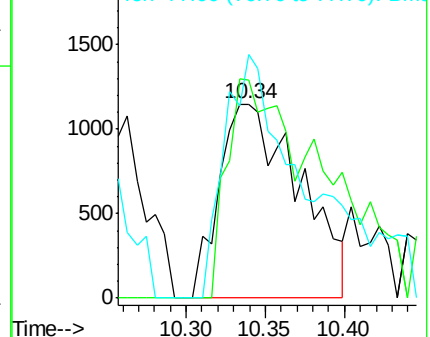
77 125.3 73.7 113.7#

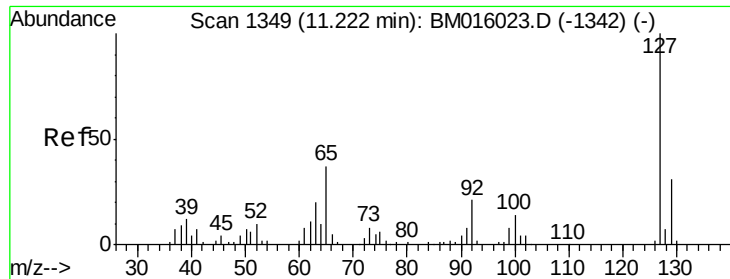


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

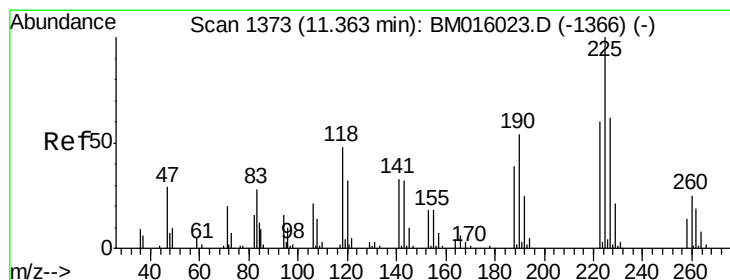
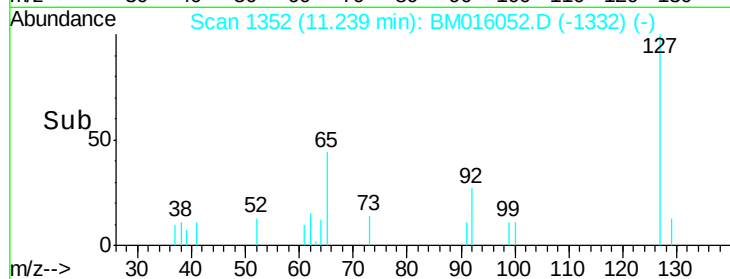
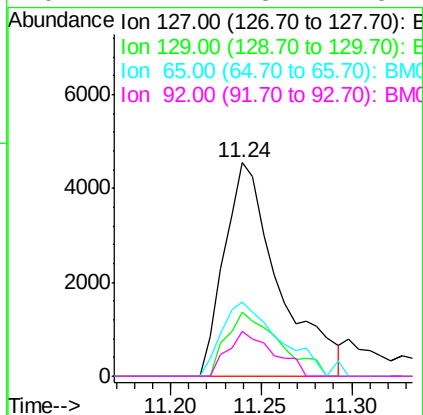
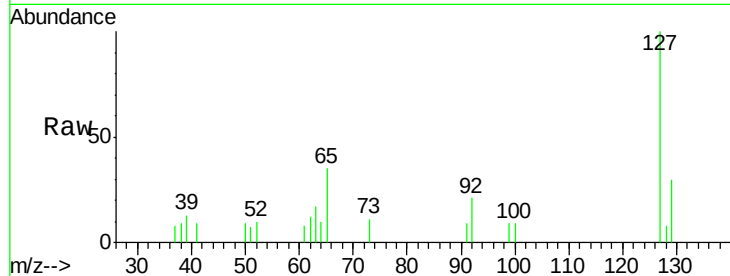




#33
4-Chloroaniline
Concen: 3.025 ng
RT: 11.24 min Scan# 1352
Delta R.T. 0.02 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

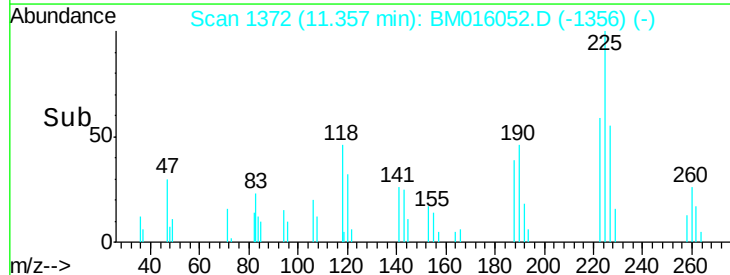
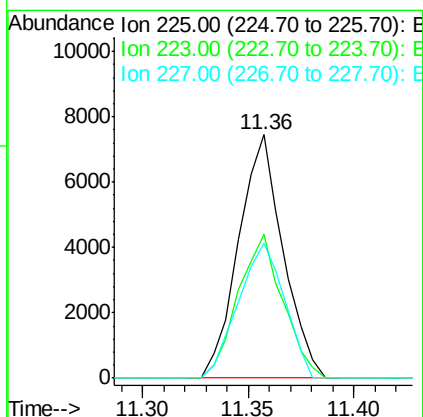
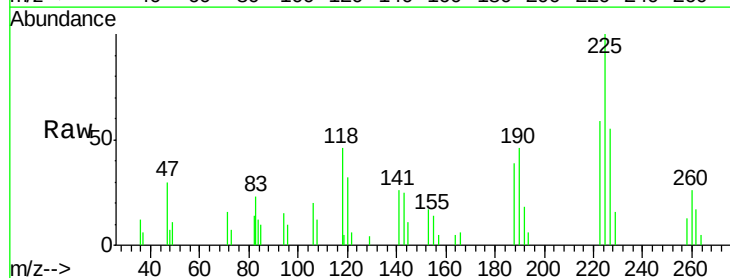
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

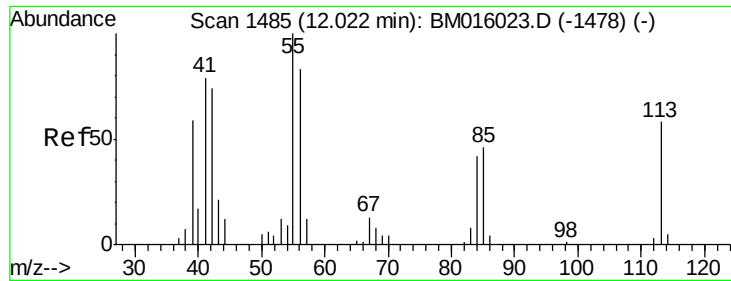
Tgt Ion:127 Resp: 9502
Ion Ratio Lower Upper
127 100
129 29.8 25.3 37.9
65 35.0 17.6 26.4#
92 21.2 13.1 19.7#



#34
Hexachlorobutadiene
Concen: 5.662 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:225 Resp: 10856
Ion Ratio Lower Upper
225 100
223 58.8 47.9 71.9
227 55.4 50.1 75.1

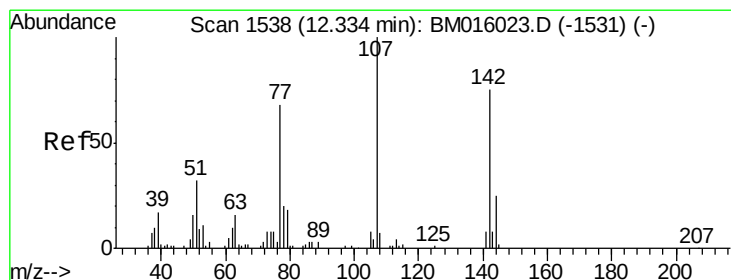
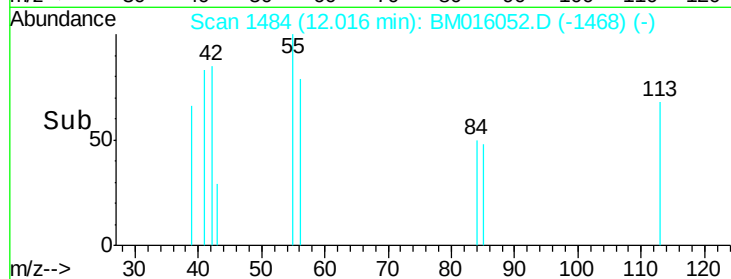
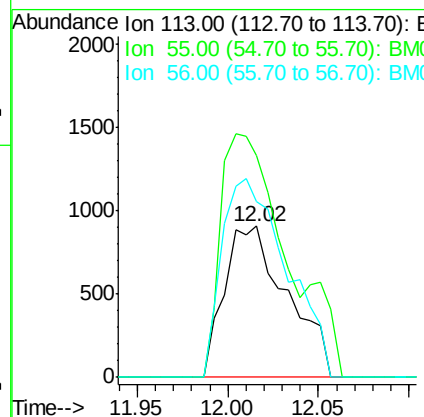
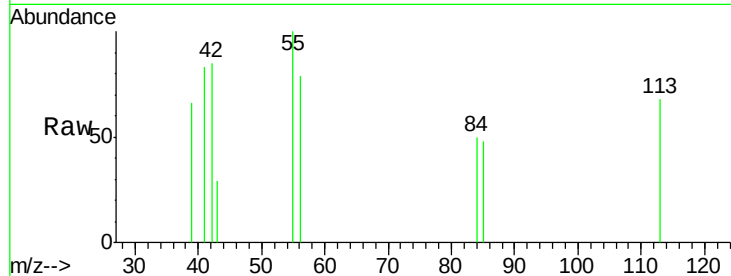




#35
 Caprolactam
 Concen: 3.465 ng
 RT: 12.02 min Scan# 1484
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

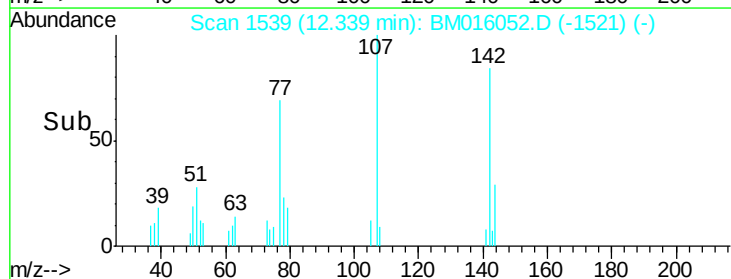
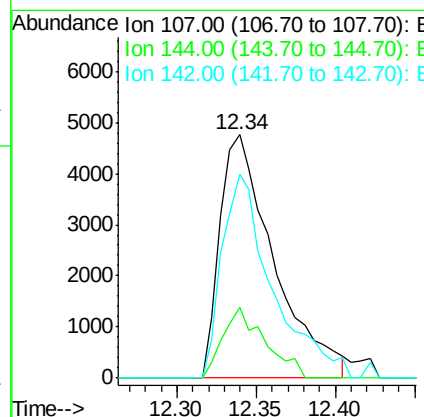
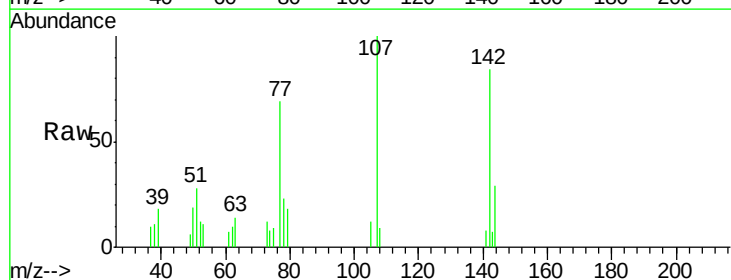
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

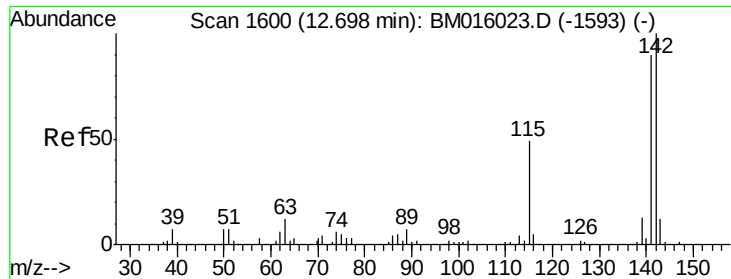
Tgt Ion:113 Resp: 2183
 Ion Ratio Lower Upper
 113 100
 55 146.9 145.9 185.9
 56 116.4 101.0 141.0



#36
 4-Chloro-3-methylphenol
 Concen: 4.507 ng
 RT: 12.34 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:107 Resp: 11277
 Ion Ratio Lower Upper
 107 100
 144 28.9 23.3 34.9
 142 83.9 72.6 109.0

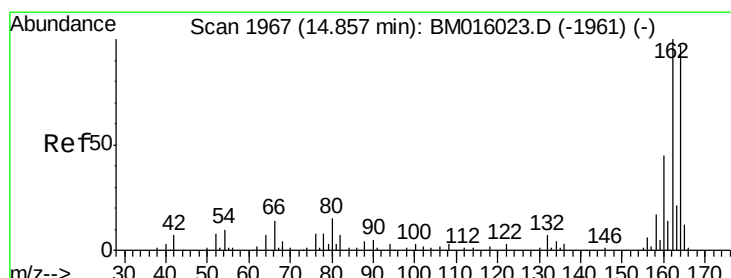
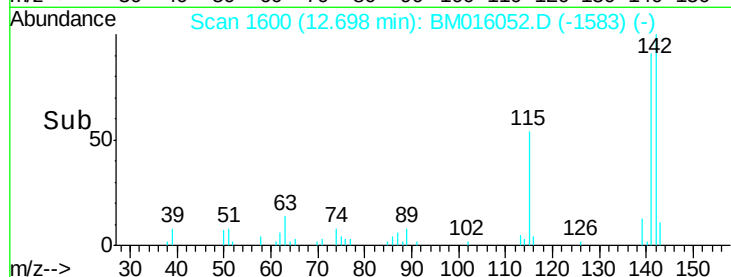
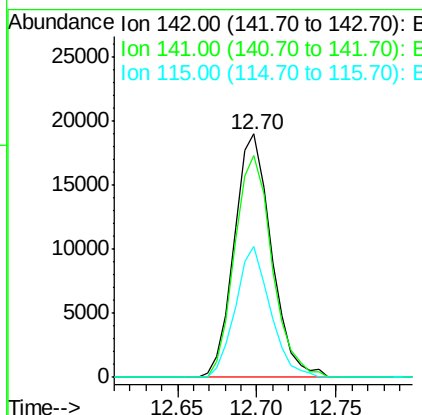
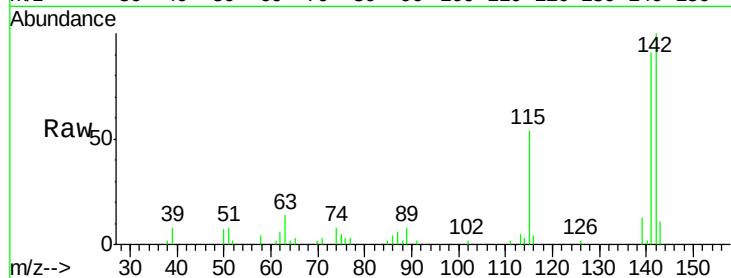




#37
2-Methylnaphthalene
Concen: 6.020 ng
RT: 12.70 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

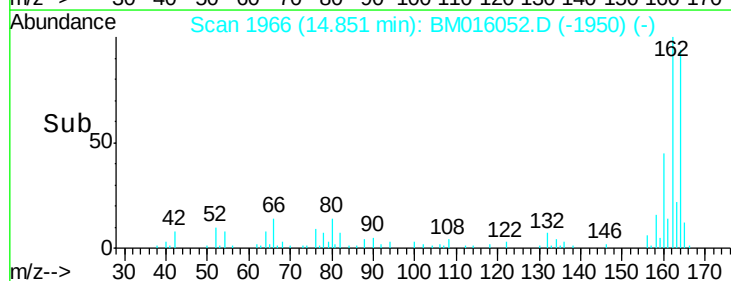
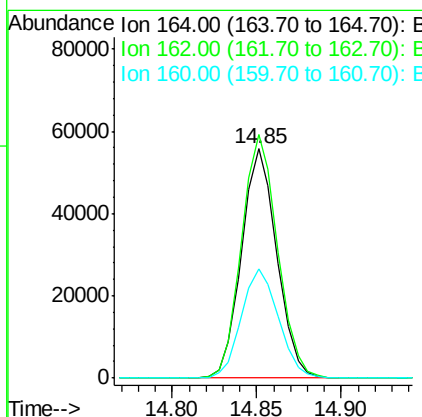
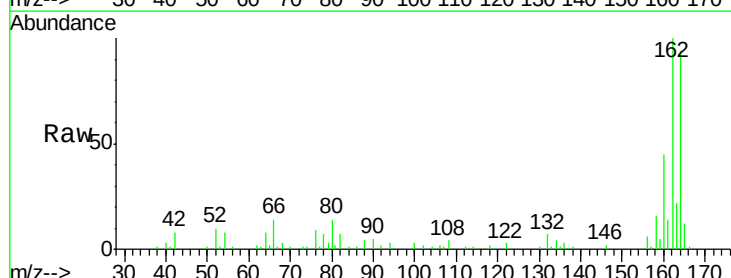
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

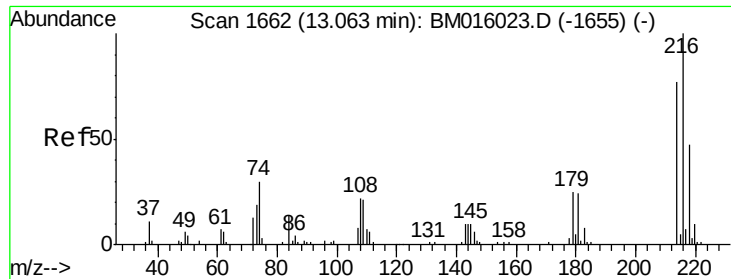
Tgt Ion:142 Resp: 31043
Ion Ratio Lower Upper
142 100
141 91.2 71.9 107.9
115 54.0 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.85 min Scan# 1966
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:164 Resp: 81094
Ion Ratio Lower Upper
164 100
162 106.2 82.4 123.6
160 47.6 35.8 53.6

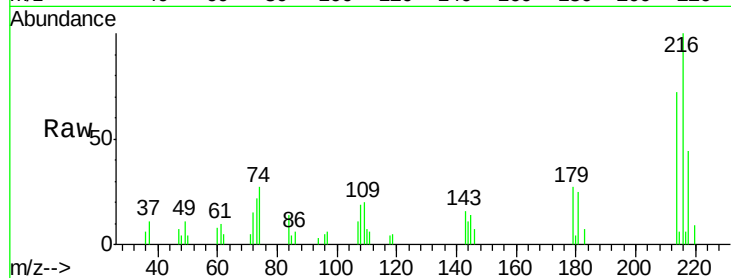




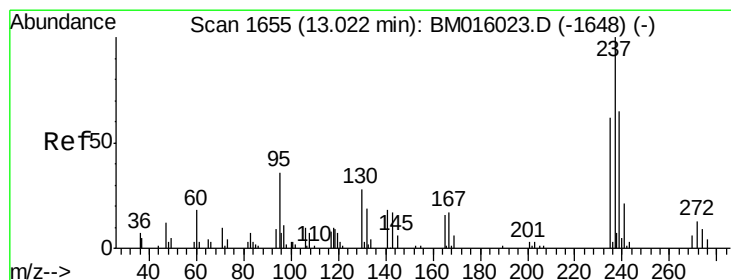
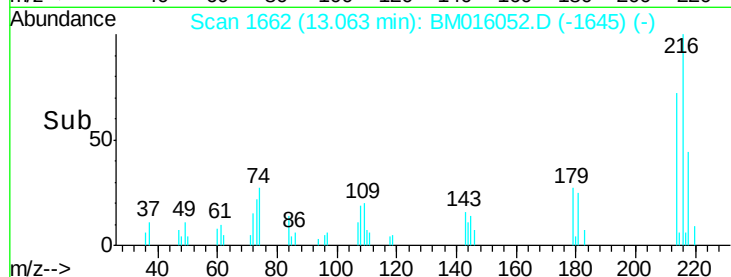
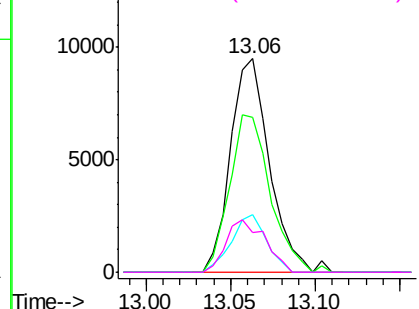
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 5.530 ng
 RT: 13.06 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tgt Ion:	216	Resp:	15267
Ion	Ratio	Lower	Upper
216	100		
214	76.8	0.0	0.0#
179	24.5	0.0	0.0#
108	24.7	0.0	0.0#

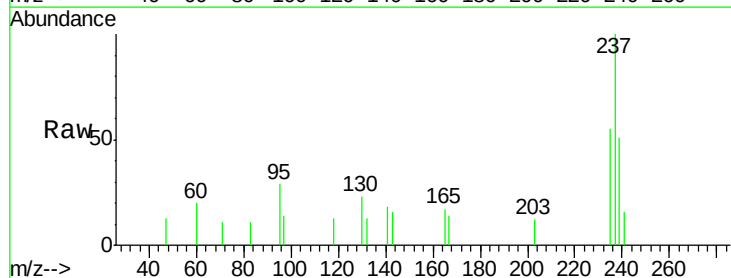


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

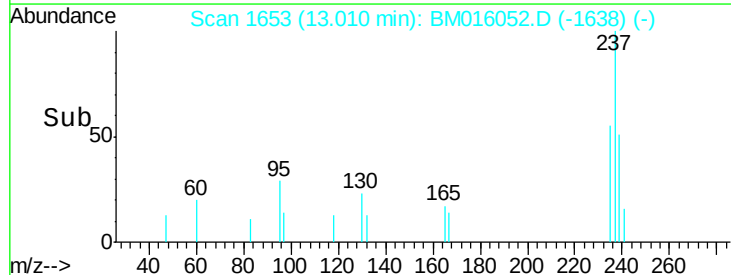
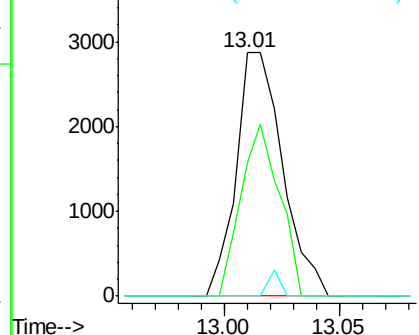


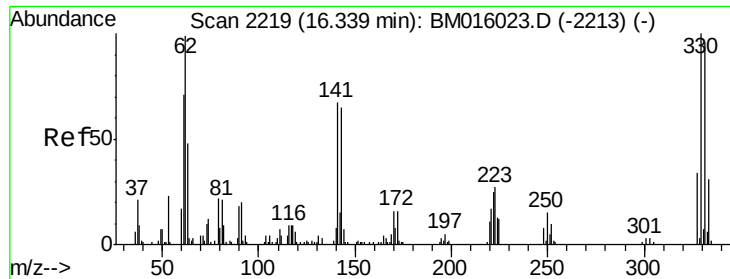
#40
 Hexachlorocyclopentadiene
 Concen: 10.372 ng
 RT: 13.01 min Scan# 1653
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:	237	Resp:	4047
Ion	Ratio	Lower	Upper
237	100		
235	55.0	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

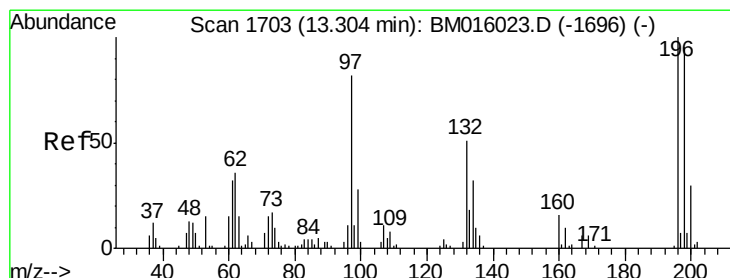
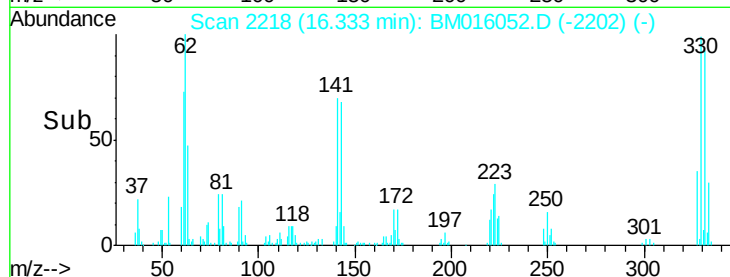
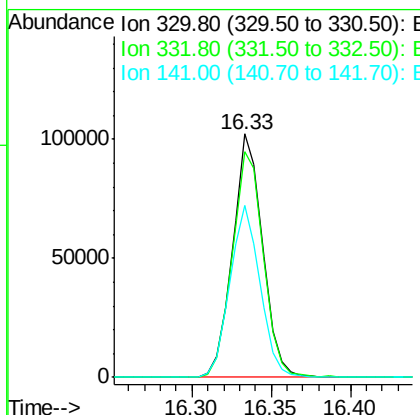
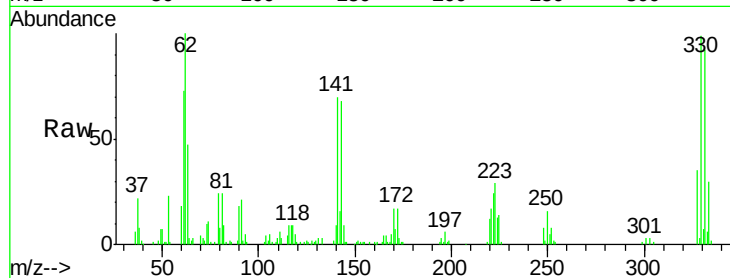




#41
 2,4,6-Tribromophenol
 Concen: 10.372 ng
 RT: 16.33 min Scan# 2218
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

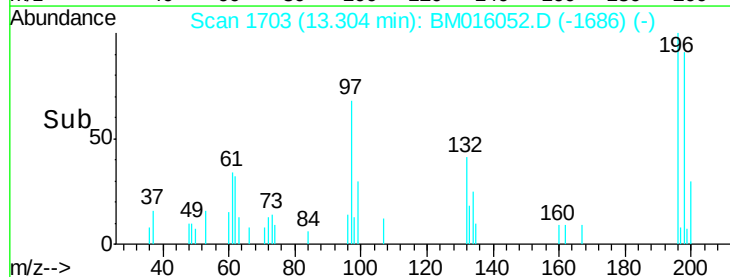
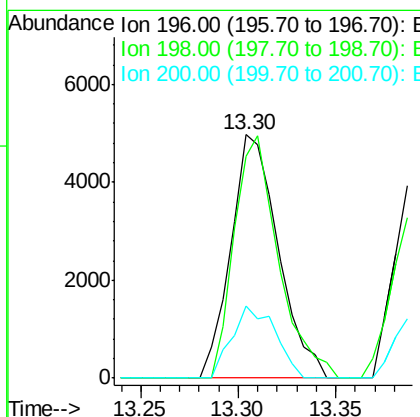
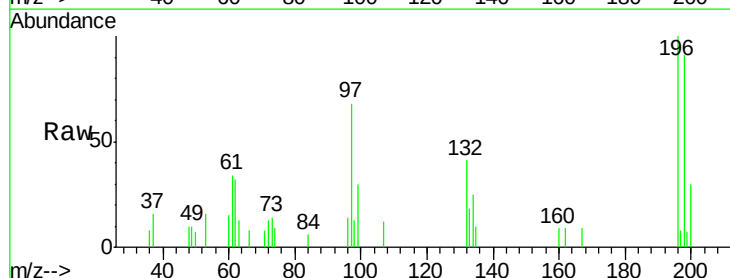
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

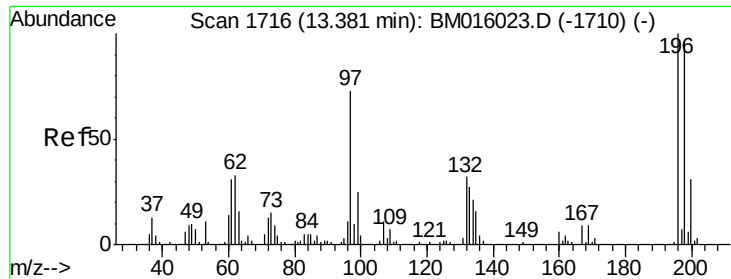
Tgt Ion: 330 Resp: 133568
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 71.1 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 4.843 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion: 196 Resp: 8366
 Ion Ratio Lower Upper
 196 100
 198 91.1 76.3 114.5
 200 29.8 25.6 38.4

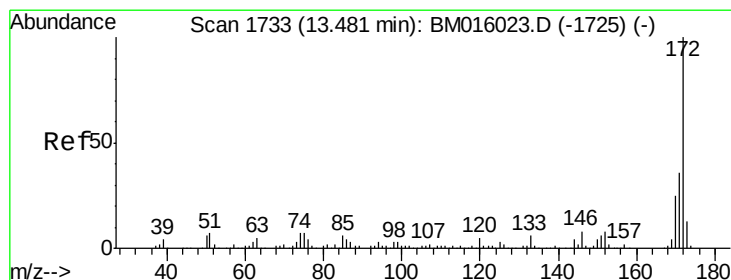
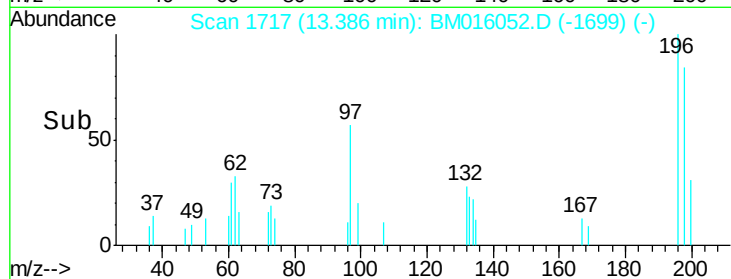
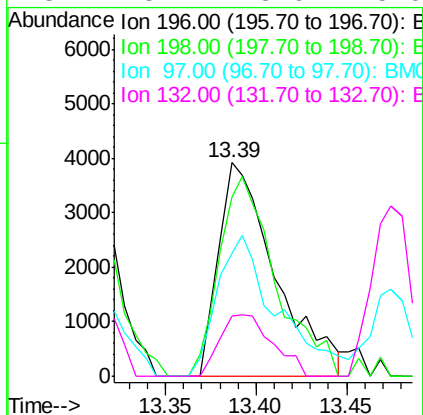
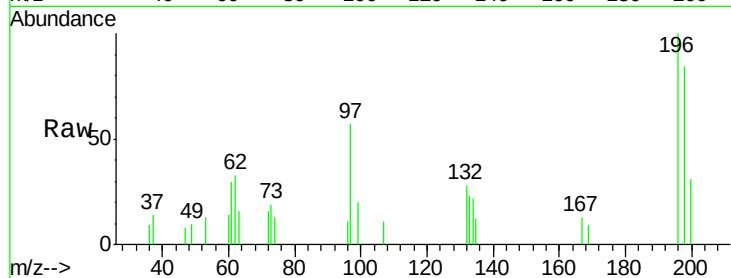




#43
 2,4,5-Trichlorophenol
 Concen: 4.814 ng
 RT: 13.39 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

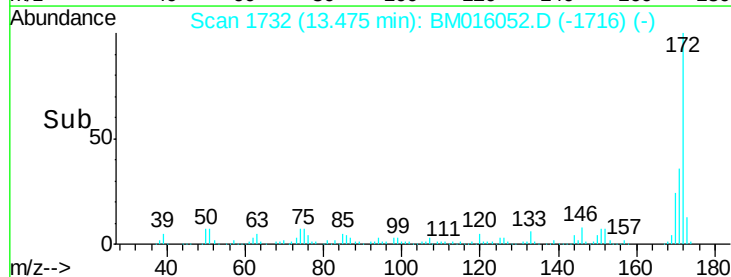
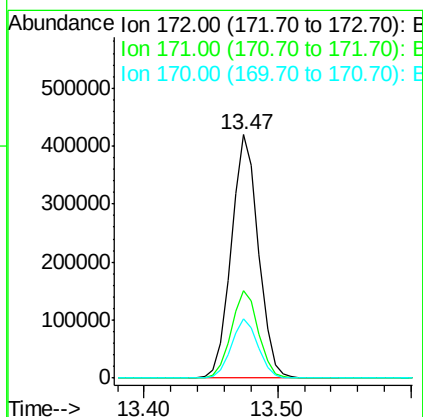
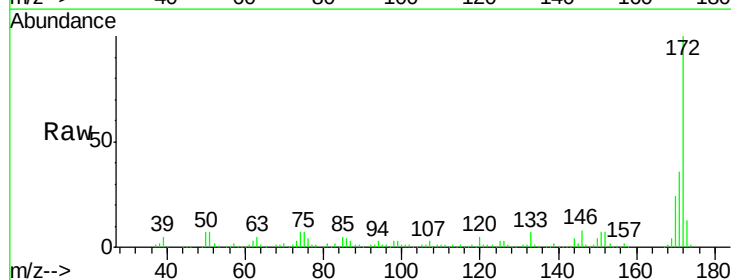
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

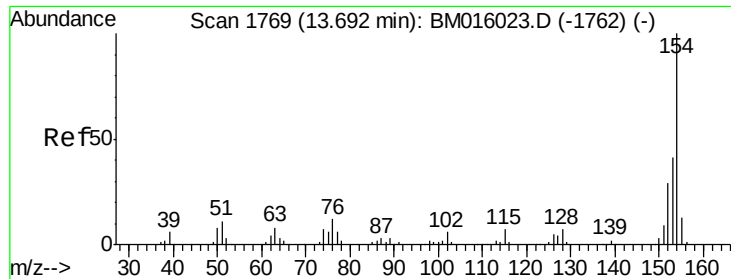
Tgt Ion:196 Resp: 8577
 Ion Ratio Lower Upper
 196 100
 198 83.9 79.4 119.0
 97 57.4 26.8 40.2#
 132 28.1 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 4.814 ng
 RT: 13.47 min Scan# 1732
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:172 Resp: 594342
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.5 42.7
 170 24.3 18.8 28.2

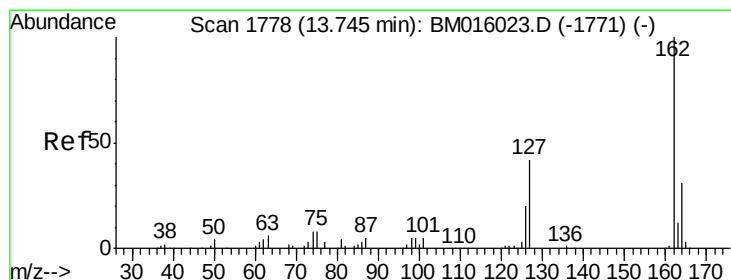
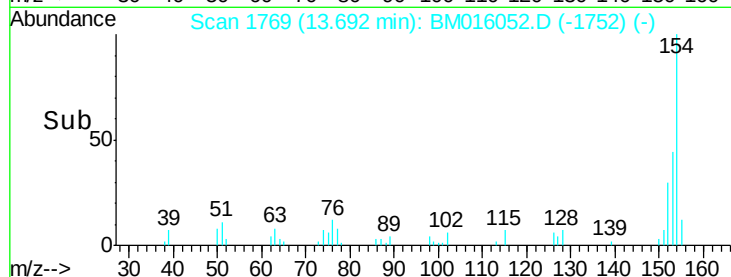
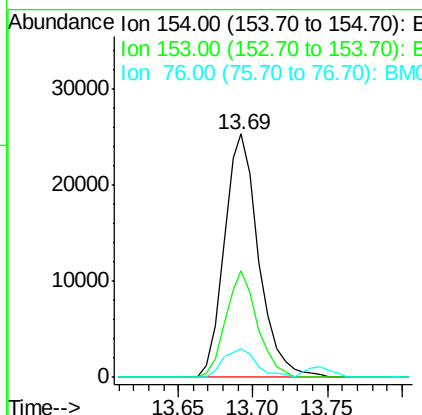
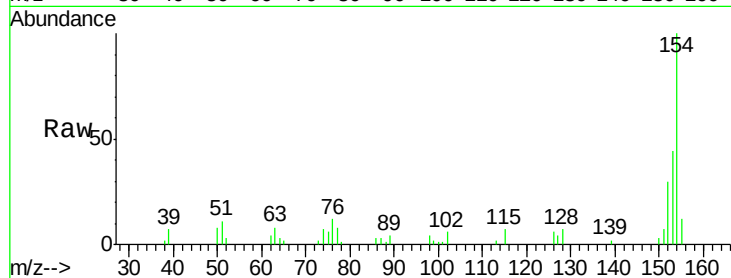




#45
 1,1'-Biphenyl
 Concen: 5.545 ng
 RT: 13.69 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

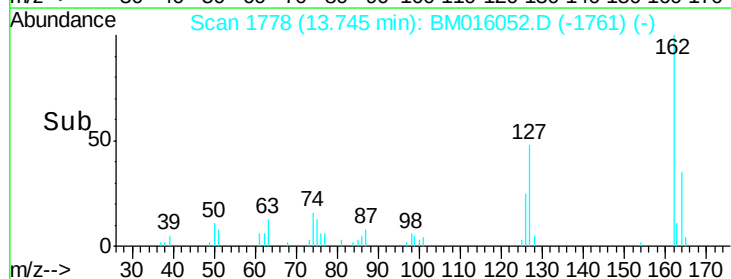
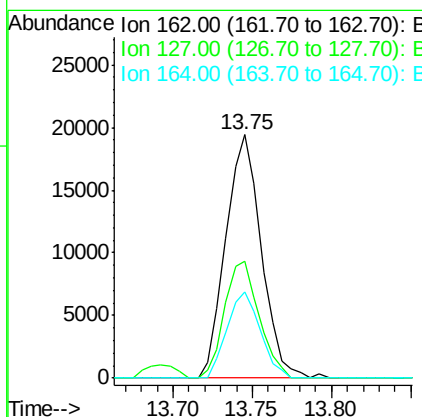
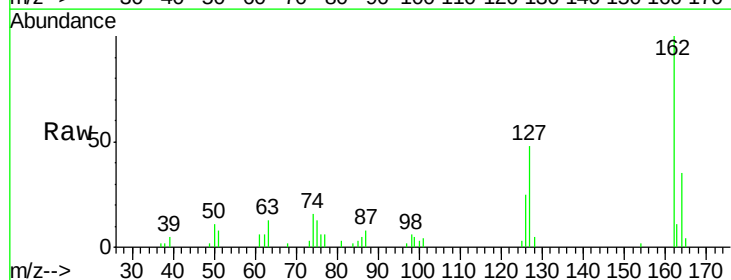
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

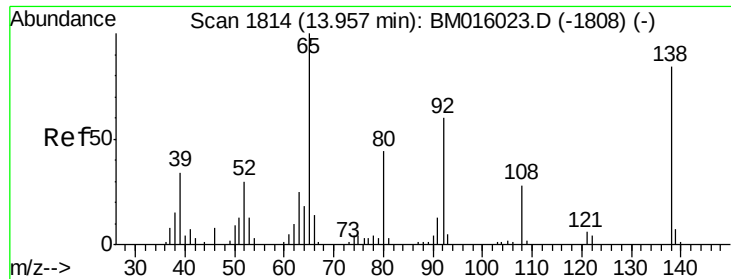
Tgt Ion:154 Resp: 40578
 Ion Ratio Lower Upper
 154 100
 153 43.7 20.7 60.7
 76 11.6 0.0 30.9



#46
 2-Chloronaphthalene
 Concen: 5.313 ng
 RT: 13.75 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:162 Resp: 30243
 Ion Ratio Lower Upper
 162 100
 127 48.2 26.9 40.3#
 164 35.2 26.8 40.2





#47

2-Nitroaniline

Concen: 3.665 ng

RT: 13.97 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

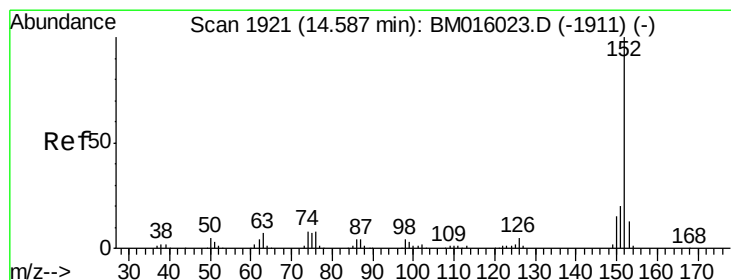
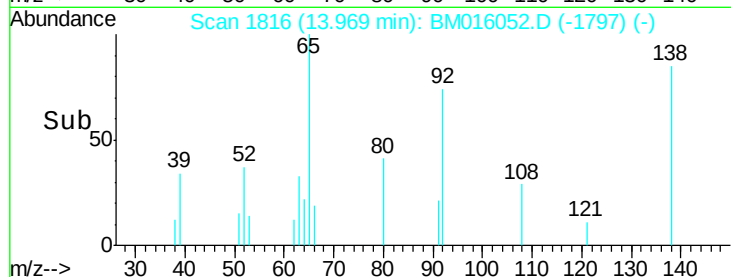
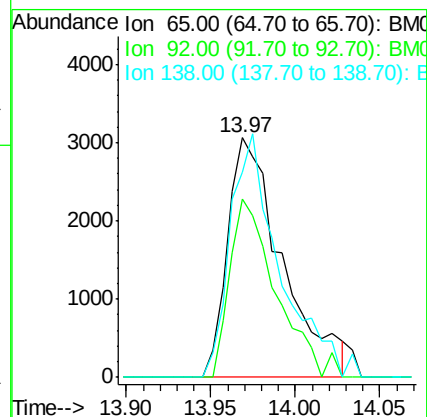
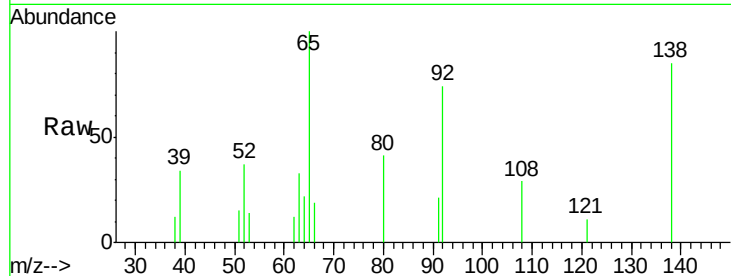
Tgt Ion: 65 Resp: 6898

Ion Ratio Lower Upper

65 100

92 74.2 59.1 88.7

138 85.5 93.9 140.9#



#48

Acenaphthylene

Concen: 5.608 ng

RT: 14.58 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

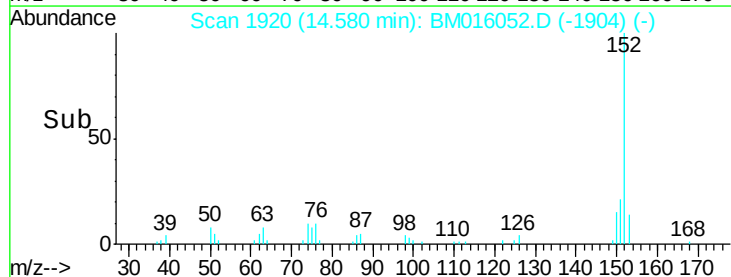
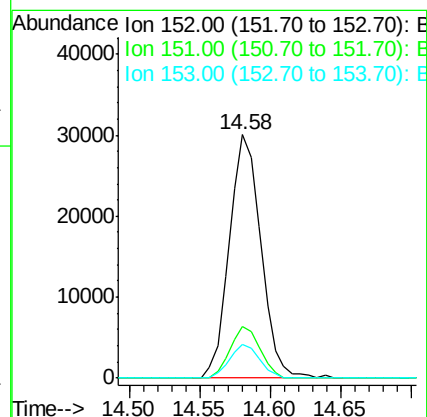
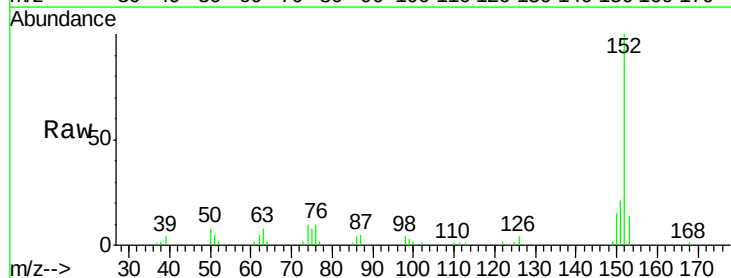
Tgt Ion: 152 Resp: 46735

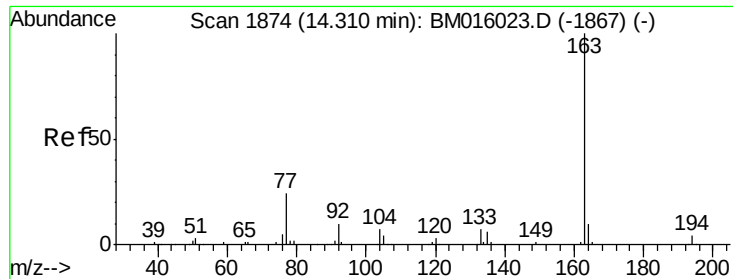
Ion Ratio Lower Upper

152 100

151 21.0 15.9 23.9

153 13.7 10.6 16.0





#49

Dimethylphthalate

Concen: 5.619 ng

RT: 14.30 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

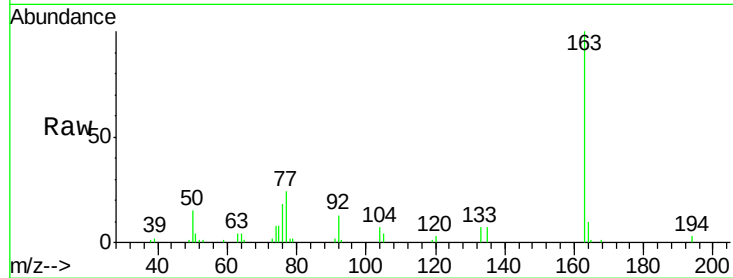
Tgt Ion:163 Resp: 39880

Ion Ratio Lower Upper

163 100

194 3.1 2.7 4.1

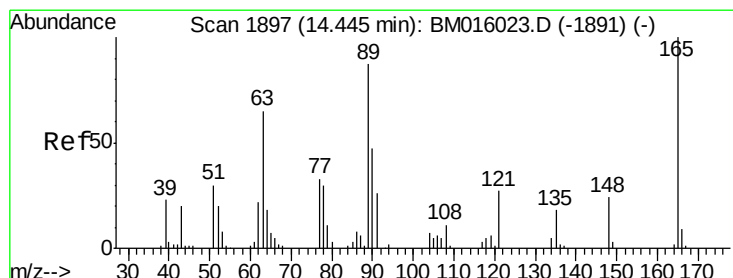
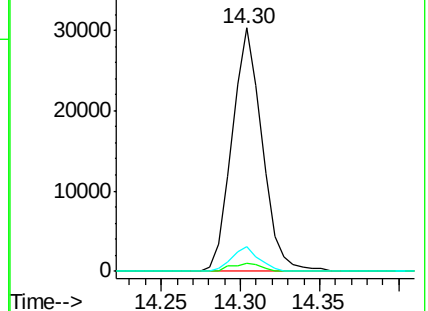
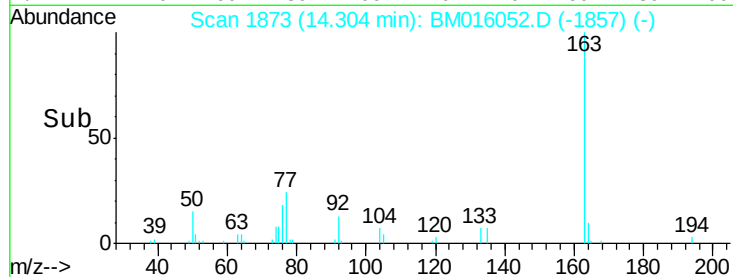
164 10.2 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 5.010 ng

RT: 14.45 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

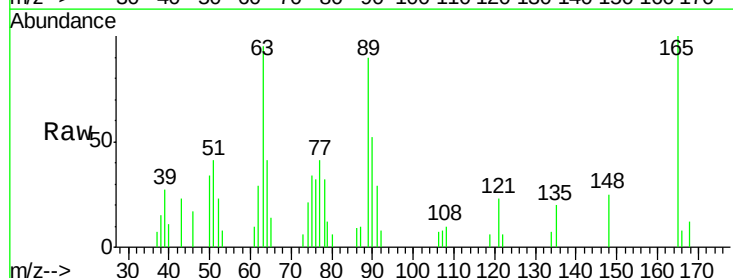
Tgt Ion:165 Resp: 7154

Ion Ratio Lower Upper

165 100

63 94.6 44.1 66.1#

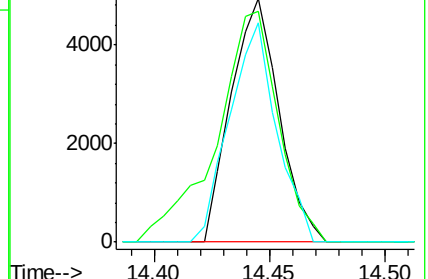
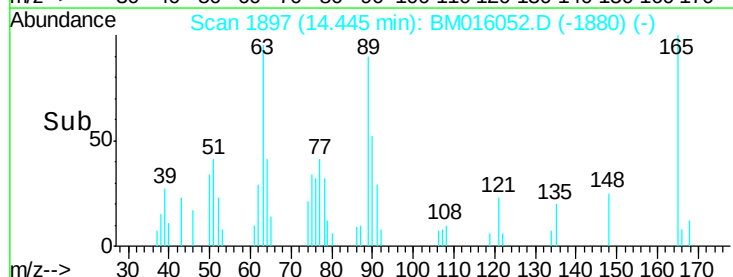
89 90.0 44.3 66.5#

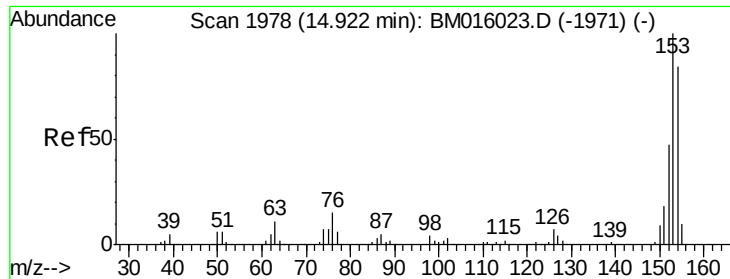


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 5.476 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

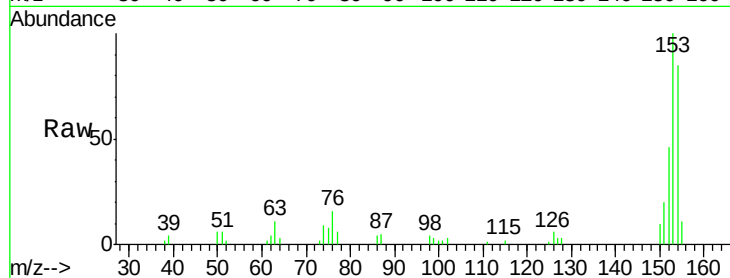
Tgt Ion:154 Resp: 28063

Ion Ratio Lower Upper

154 100

153 118.1 90.0 135.0

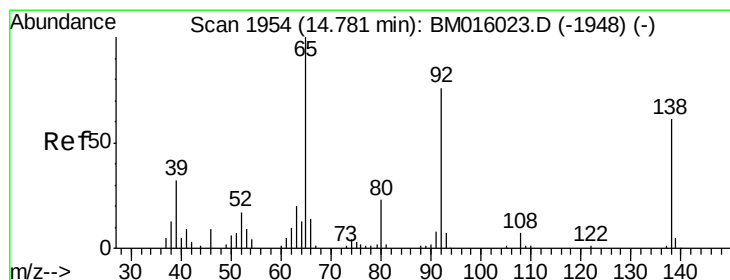
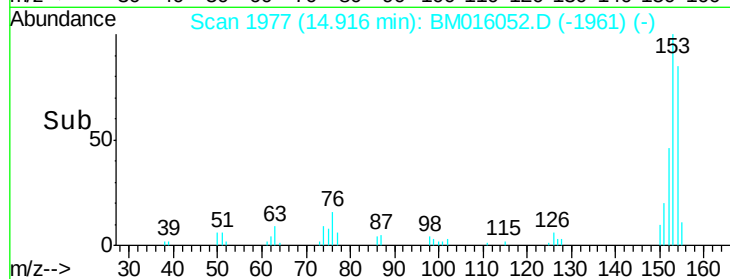
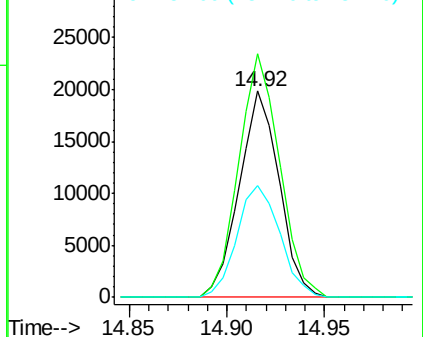
152 54.0 42.6 63.8



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: 3.155 ng

RT: 14.79 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

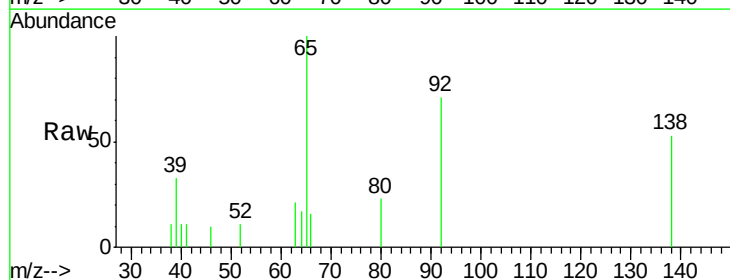
Tgt Ion:138 Resp: 4866

Ion Ratio Lower Upper

138 100

108 0.0 7.3 10.9#

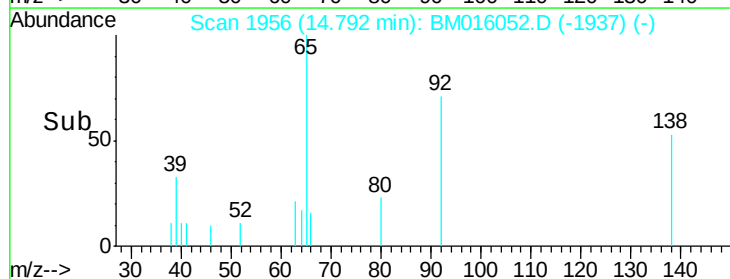
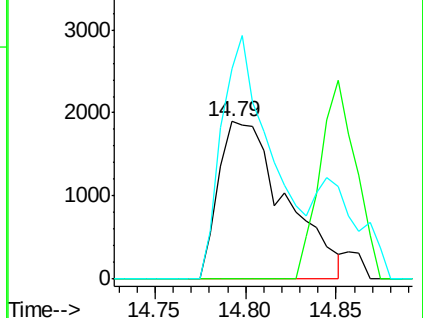
92 133.0 76.6 114.8#

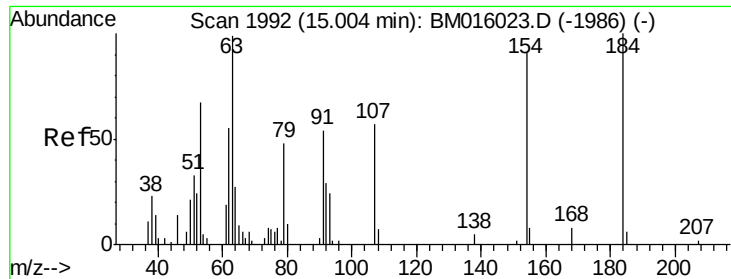


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 8.089 ng

RT: 15.04 min Scan# 1998

Delta R.T. 0.04 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

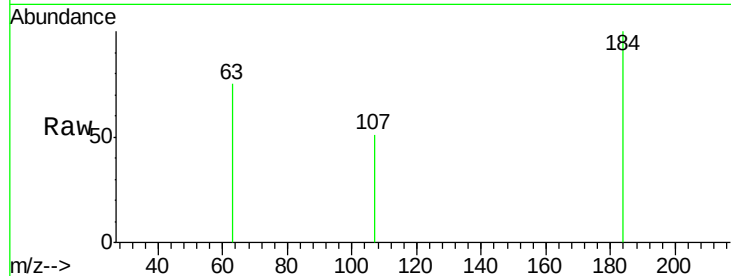
Tgt Ion:184 Resp: 1308

Ion Ratio Lower Upper

184 100

63 75.0 69.2 103.8

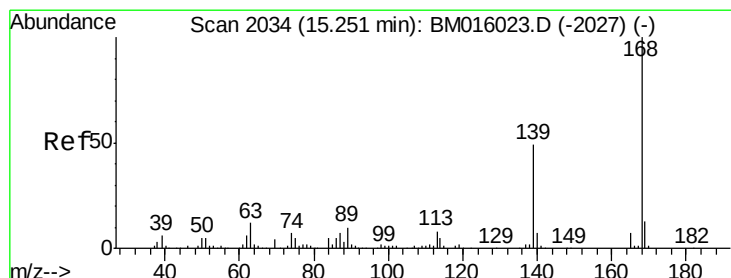
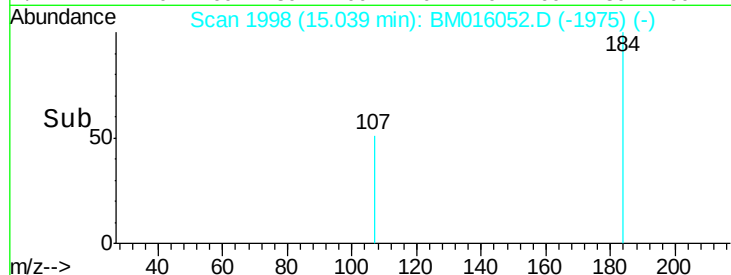
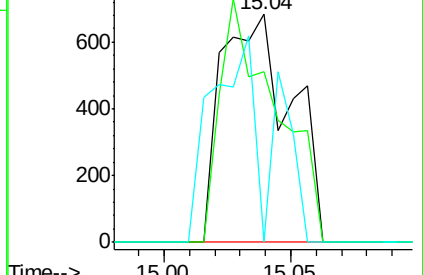
154 0.0 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 5.464 ng

RT: 15.25 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

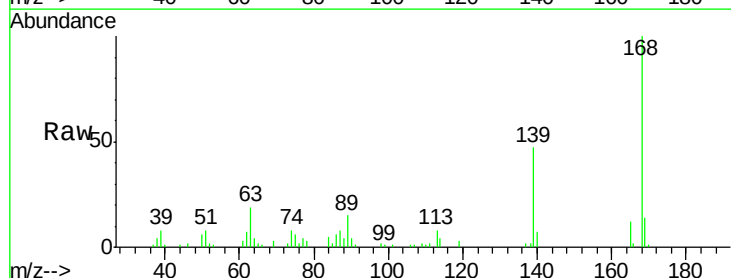
Tgt Ion:168 Resp: 46146

Ion Ratio Lower Upper

168 100

139 46.7 27.3 40.9#

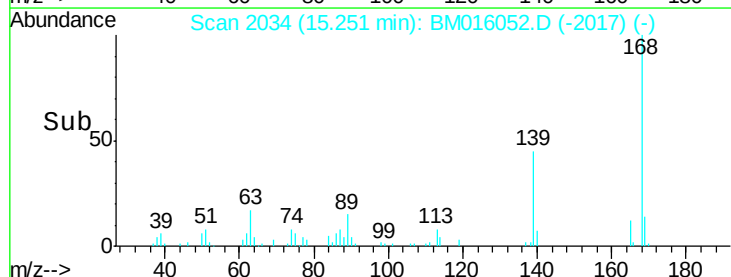
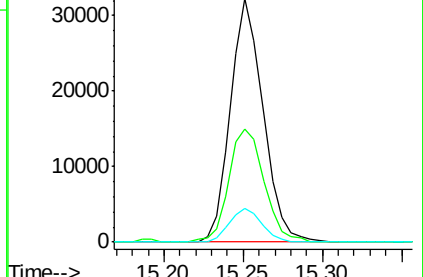
169 13.9 10.6 16.0

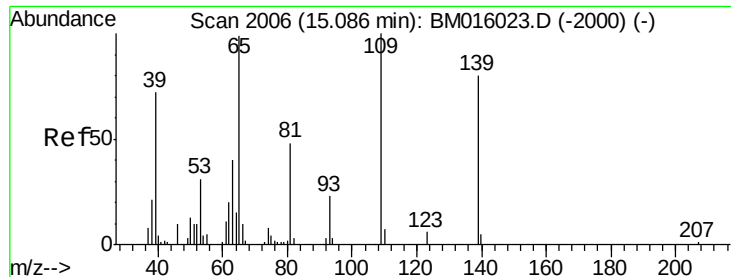


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

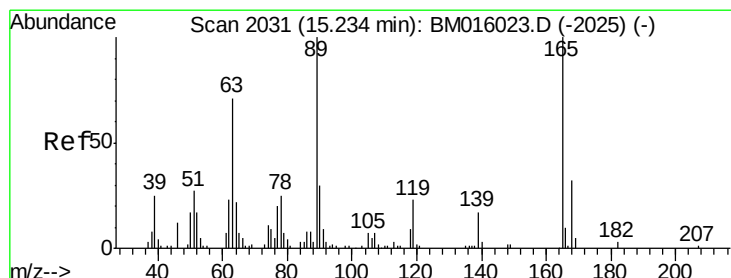
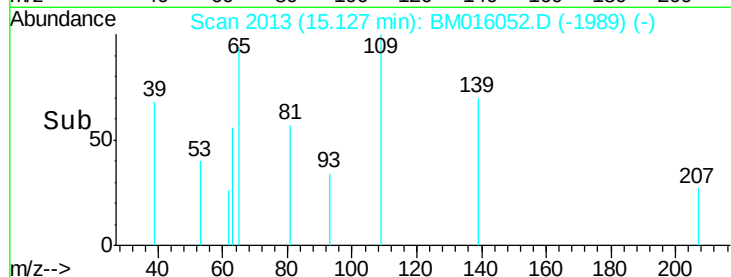
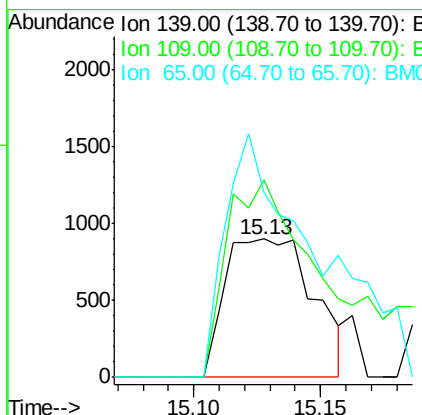
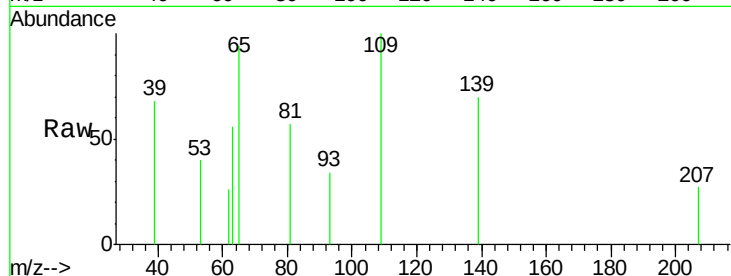




#55
4-Nitrophenol
Concen: 1.977 ng
RT: 15.13 min Scan# 2013
Delta R.T. 0.04 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

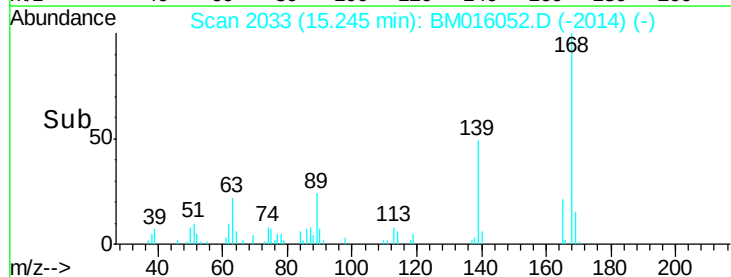
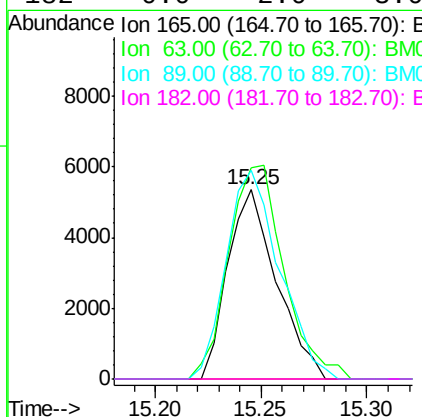
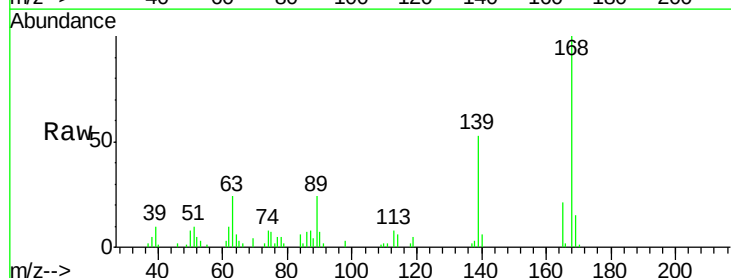
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

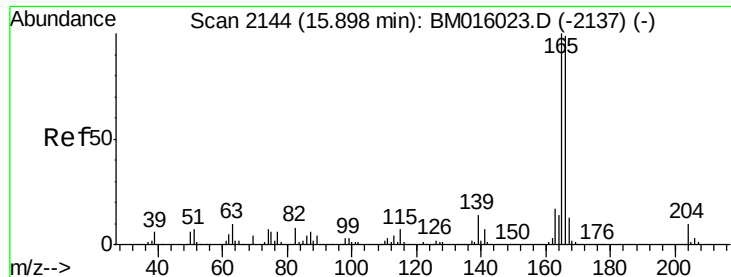
Tgt Ion:139 Resp: 2186
Ion Ratio Lower Upper
139 100
109 143.0 130.0 170.0
65 133.8 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 4.197 ng
RT: 15.25 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:165 Resp: 8570
Ion Ratio Lower Upper
165 100
63 111.7 52.4 78.6#
89 110.2 72.4 108.6#
182 0.0 2.0 3.0#

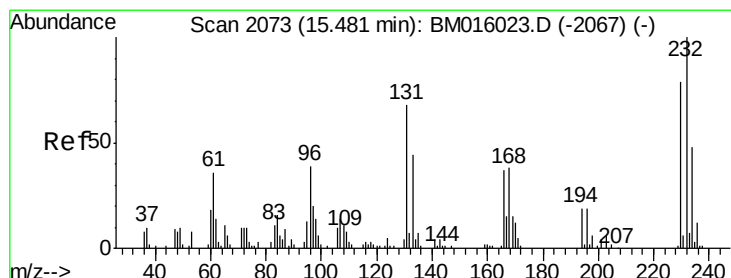
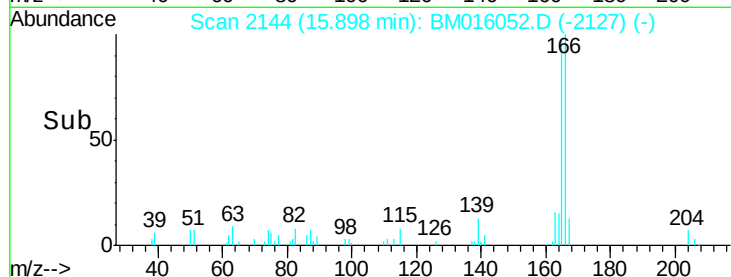
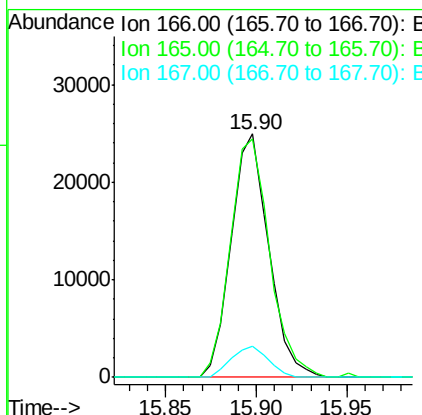
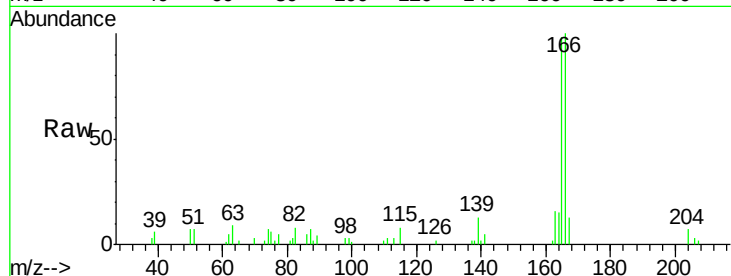




#57
 Fluorene
 Concen: 5.744 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

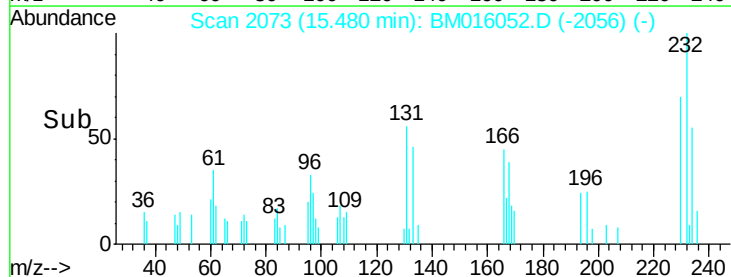
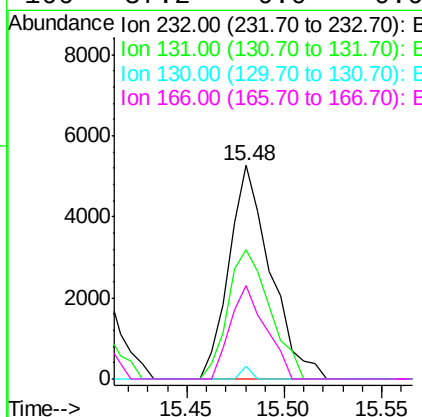
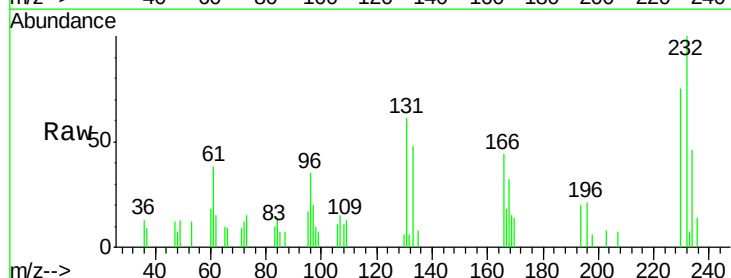
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

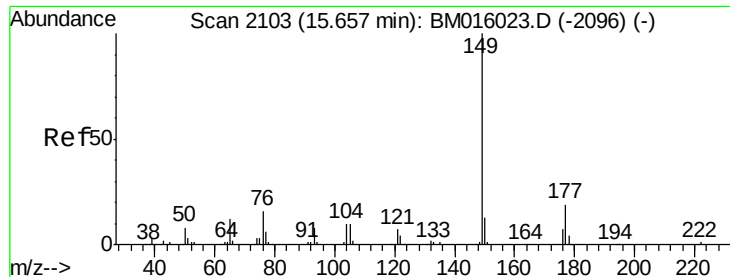
Tgt Ion:166 Resp: 36051
 Ion Ratio Lower Upper
 166 100
 165 98.0 79.0 118.4
 167 13.0 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 5.064 ng
 RT: 15.48 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:232 Resp: 7756
 Ion Ratio Lower Upper
 232 100
 131 61.6 0.0 0.0#
 130 1.4 0.0 0.0#
 166 37.2 0.0 0.0#

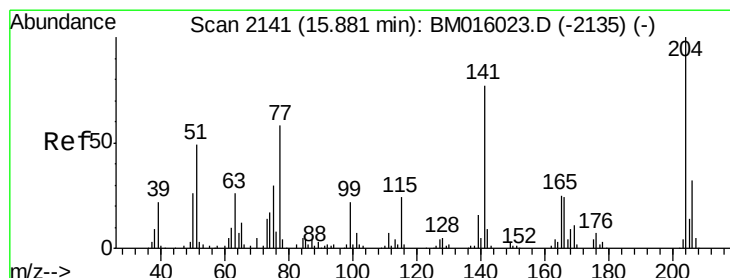
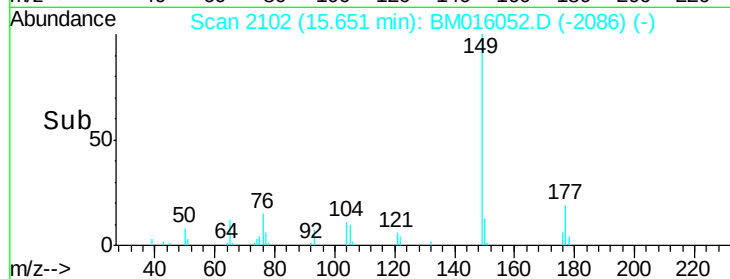
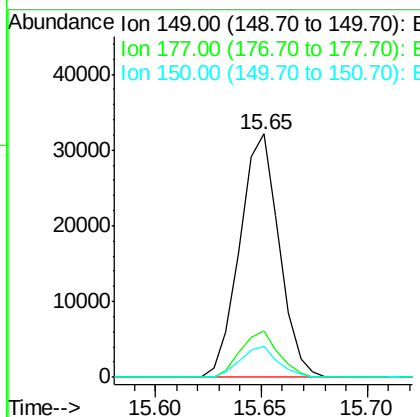
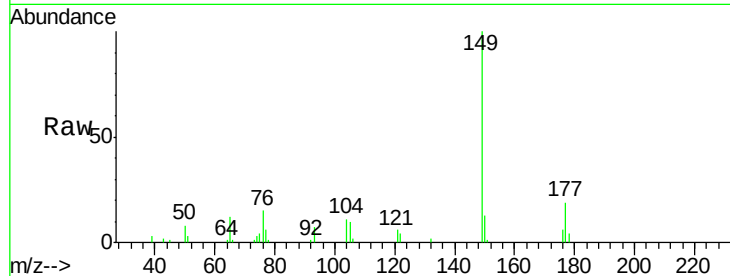




#59
Diethylphthalate
Concen: 5.431 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

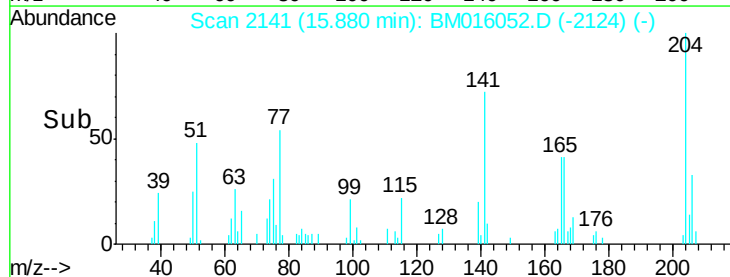
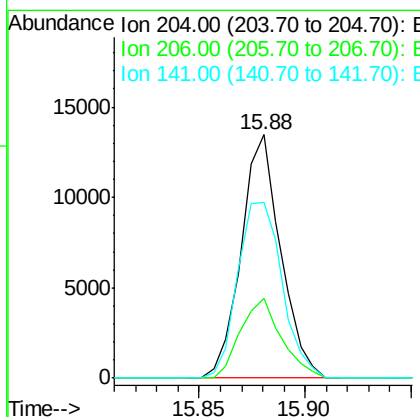
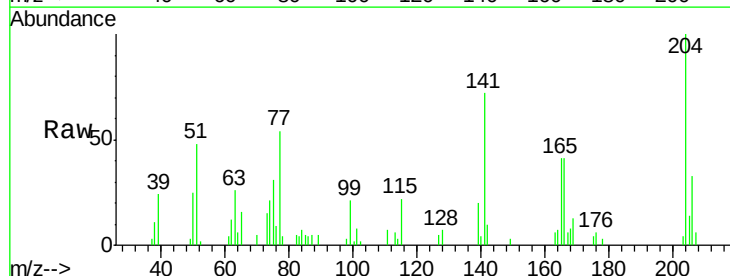
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

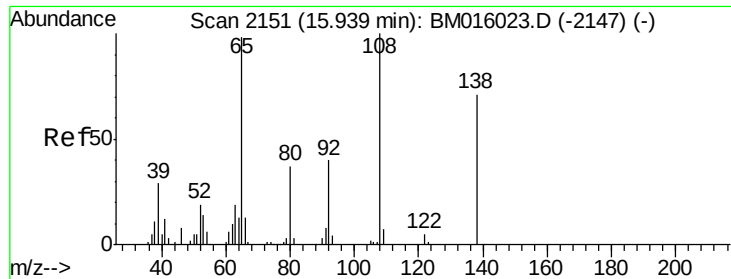
Tgt Ion:149 Resp: 41547
Ion Ratio Lower Upper
149 100
177 18.9 18.3 27.5
150 12.7 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 5.000 ng
RT: 15.88 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:204 Resp: 17469
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 71.9 45.2 67.8#

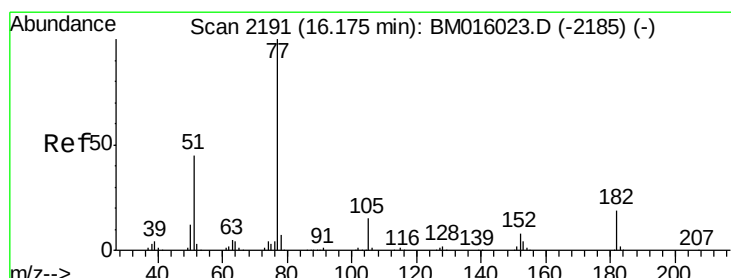
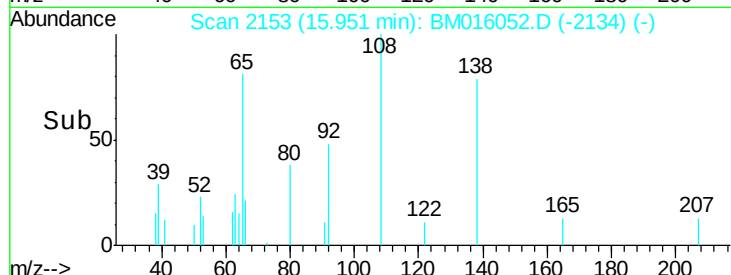
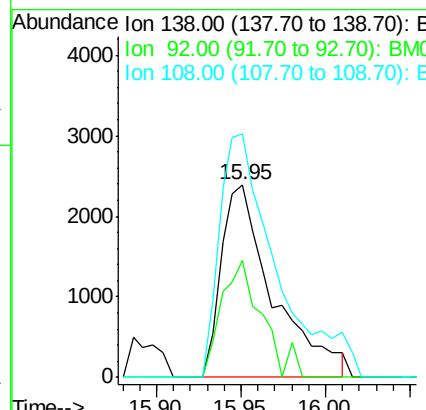
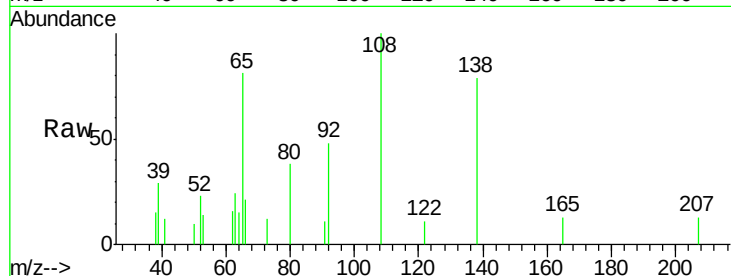




#61
4-Nitroaniline
Concen: 3.456 ng
RT: 15.95 min Scan# 2153
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

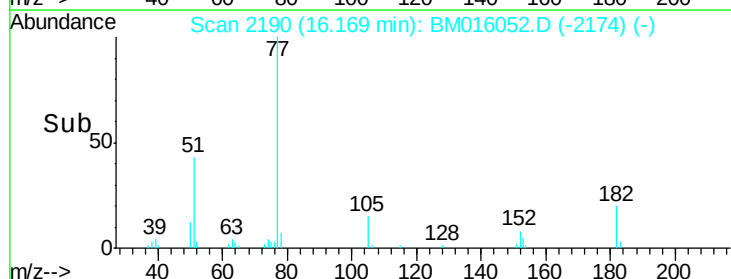
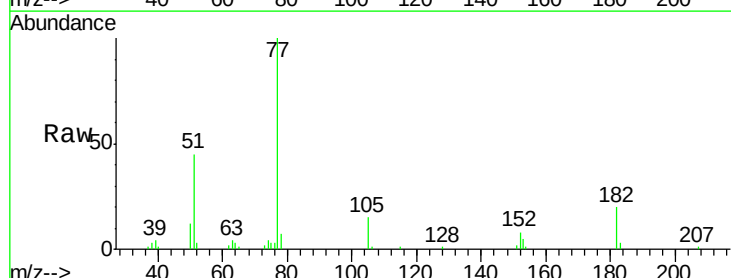
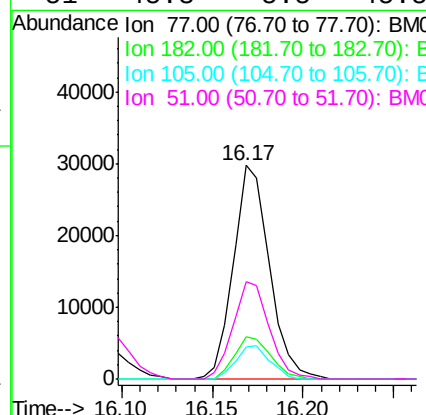
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

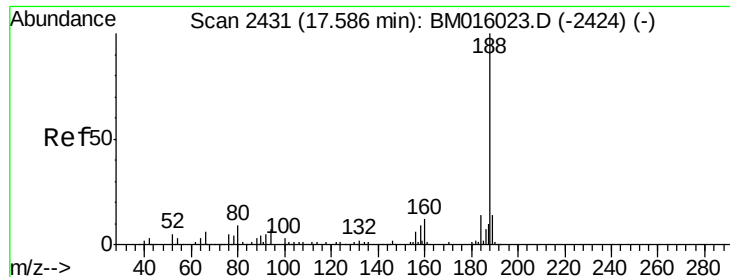
Tgt Ion: 138 Resp: 5114
Ion Ratio Lower Upper
138 100
92 60.5 16.7 56.7#
108 126.3 37.6 77.6#



#62
Azobenzene
Concen: 5.119 ng
RT: 16.17 min Scan# 2190
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 77 Resp: 41237
Ion Ratio Lower Upper
77 100
182 19.9 6.5 46.5
105 14.8 3.8 43.8
51 45.3 5.5 45.5





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.58 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

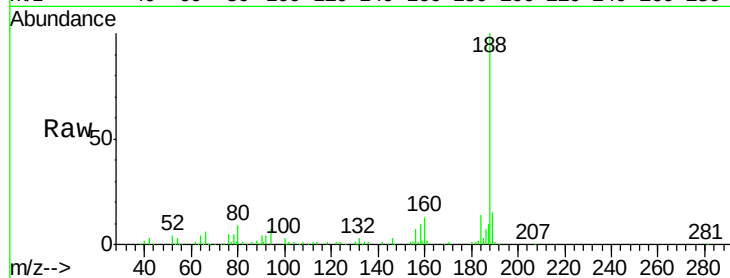
Tgt Ion:188 Resp: 173201

Ion Ratio Lower Upper

188 100

94 7.3 8.7 13.1#

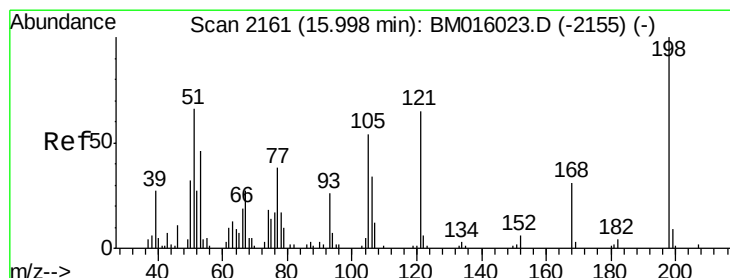
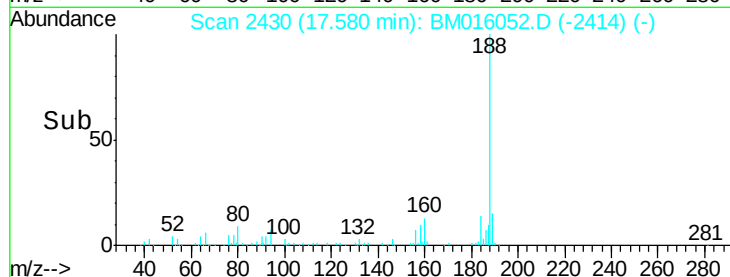
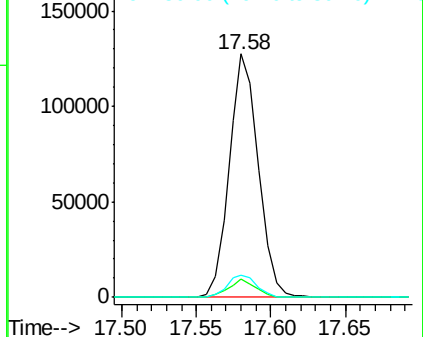
80 8.9 9.3 13.9#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.013 ng

RT: 16.00 min Scan# 2162

Delta R.T. 0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

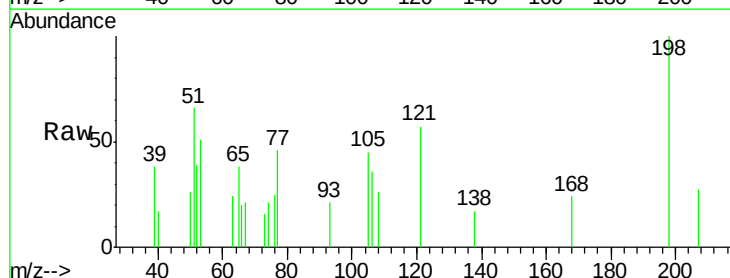
Tgt Ion:198 Resp: 3168

Ion Ratio Lower Upper

198 100

51 65.8 28.8 68.8

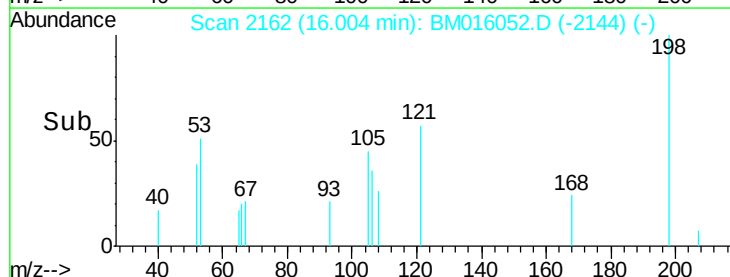
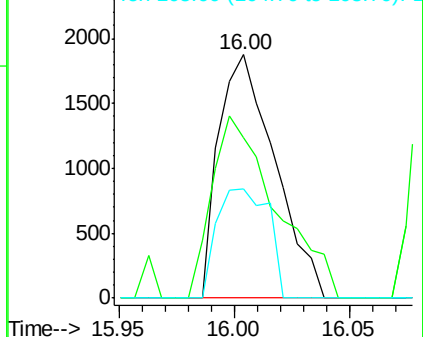
105 45.1 30.5 70.5

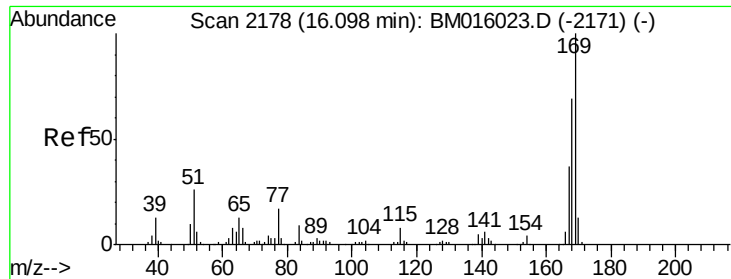


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

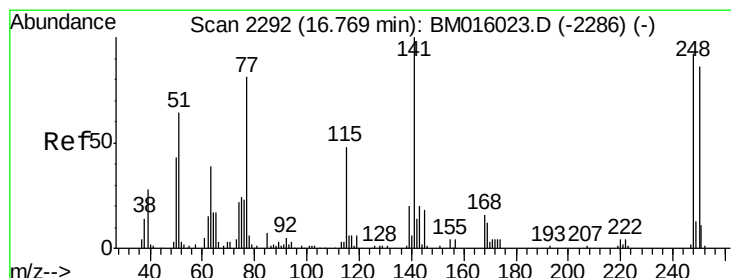
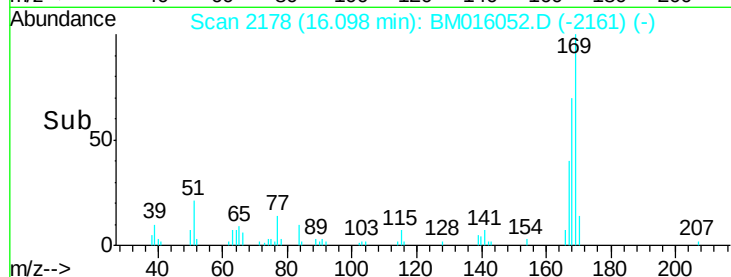
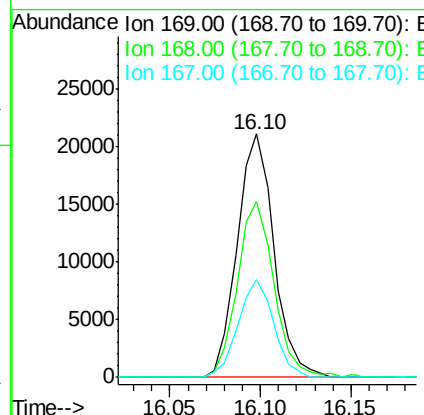
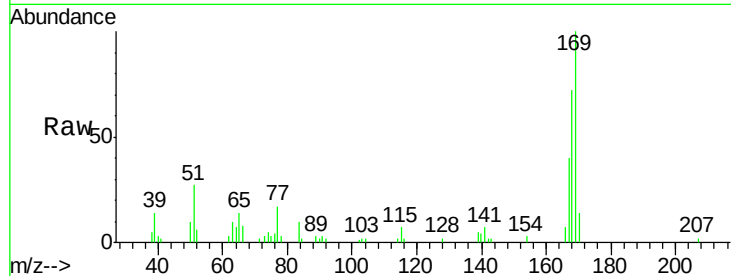




#65
 n-Nitrosodiphenylamine
 Concen: 5.211 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

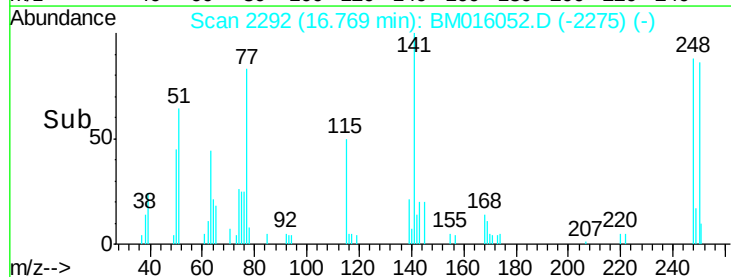
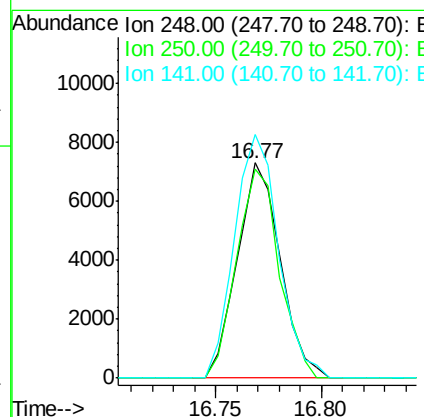
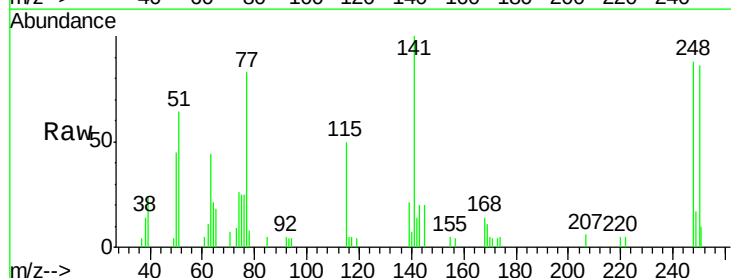
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

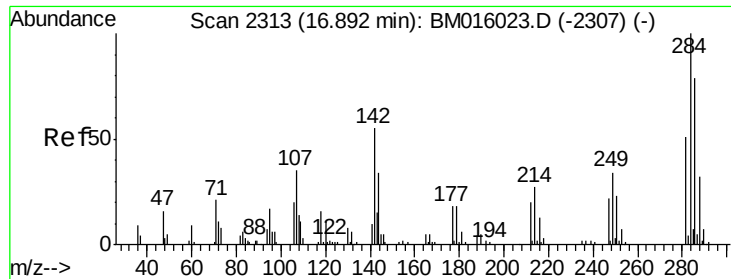
Tgt Ion:169 Resp: 29720
 Ion Ratio Lower Upper
 169 100
 168 72.1 53.9 80.9
 167 39.9 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 5.258 ng
 RT: 16.77 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:248 Resp: 10313
 Ion Ratio Lower Upper
 248 100
 250 97.2 77.4 116.0
 141 113.0 45.2 67.8#

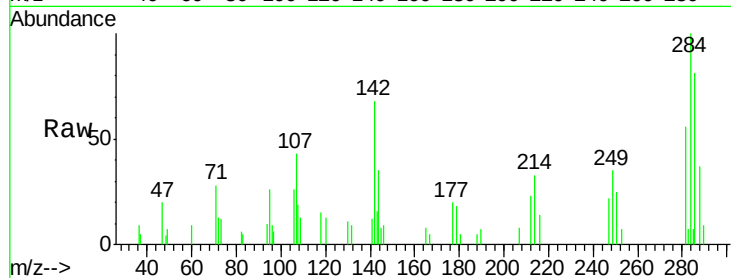




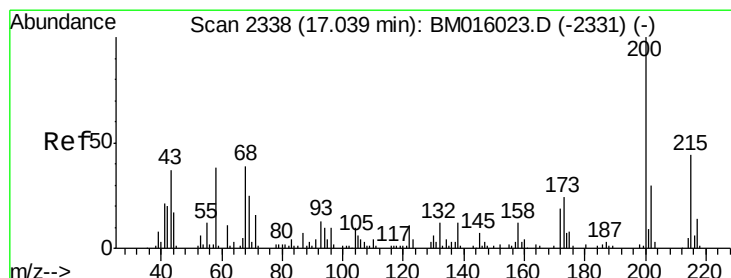
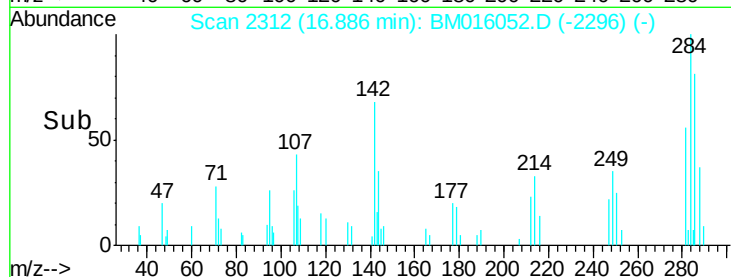
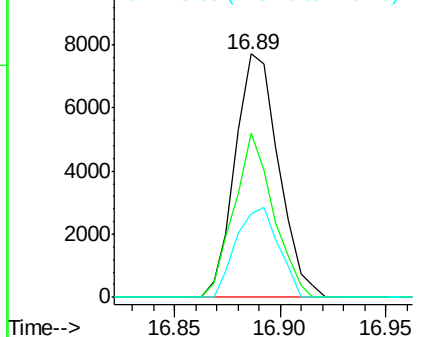
#67
Hexachlorobenzene
Concen: 5.115 ng
RT: 16.89 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion: 284 Resp: 11047
Ion Ratio Lower Upper
284 100
142 67.7 20.4 30.6#
249 34.6 23.8 35.6

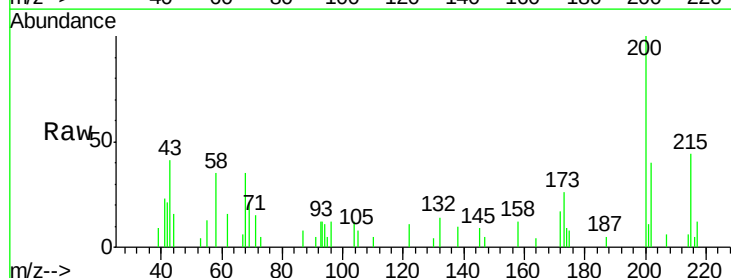


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

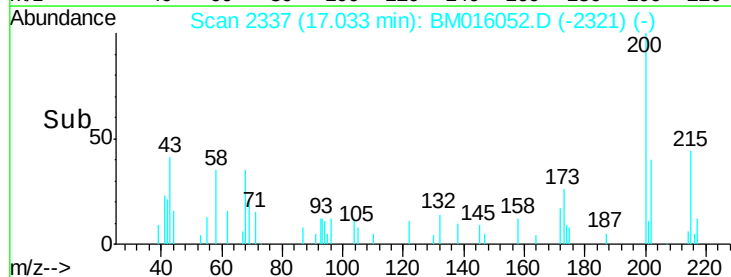
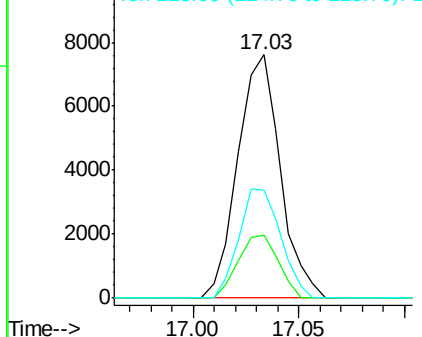


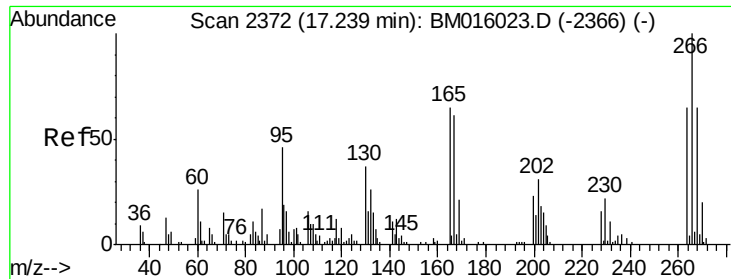
#68
Atrazine
Concen: 5.208 ng
RT: 17.03 min Scan# 2337
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion: 200 Resp: 10646
Ion Ratio Lower Upper
200 100
173 25.9 4.8 44.8
215 44.3 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

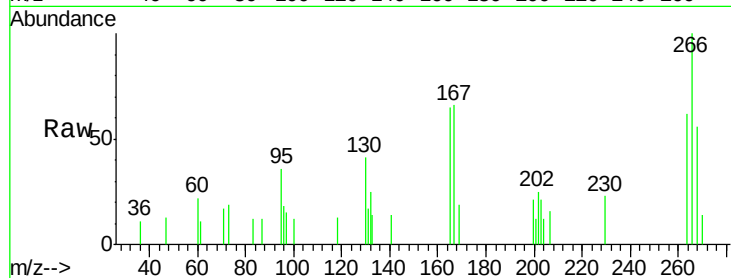




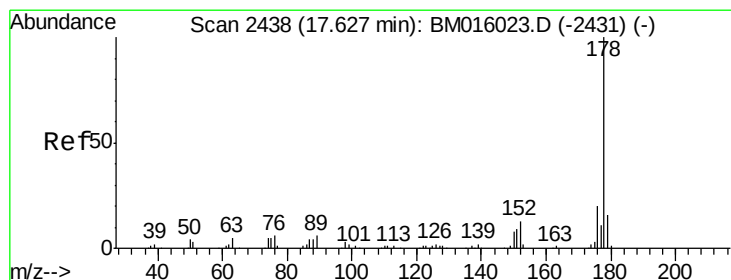
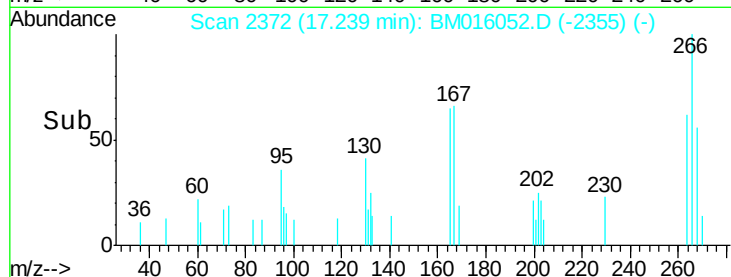
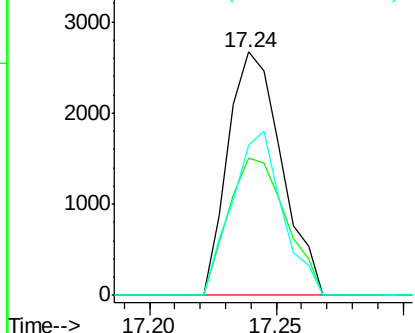
#69
 Pentachlorophenol
 Concen: 2.921 ng
 RT: 17.24 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tgt Ion:266 Resp: 3907
 Ion Ratio Lower Upper
 266 100
 268 56.4 52.0 78.0
 264 61.9 49.0 73.4

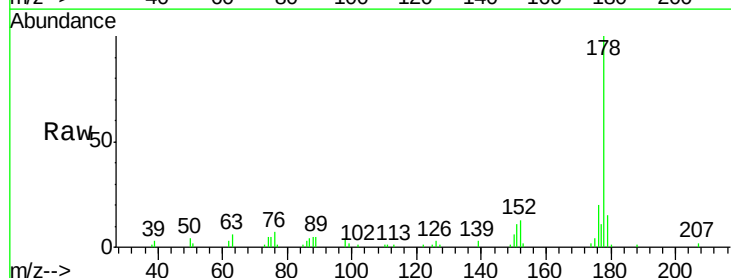


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

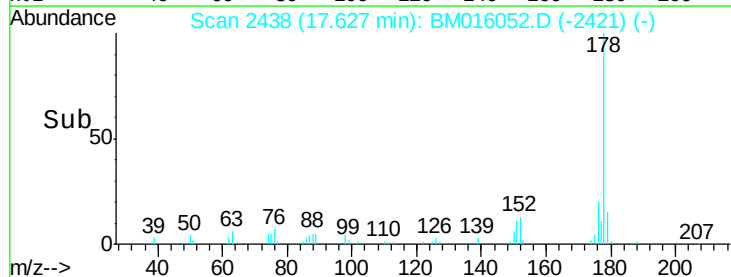
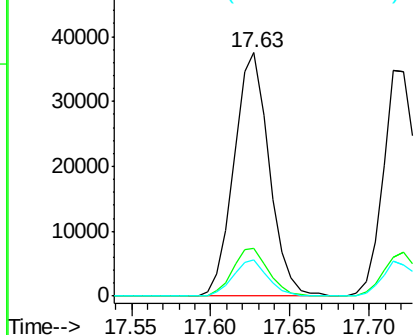


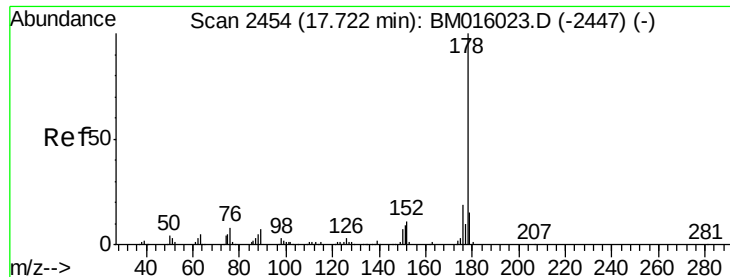
#70
 Phenanthrene
 Concen: 5.959 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:178 Resp: 57788
 Ion Ratio Lower Upper
 178 100
 176 19.8 15.2 22.8
 179 15.1 12.1 18.1



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

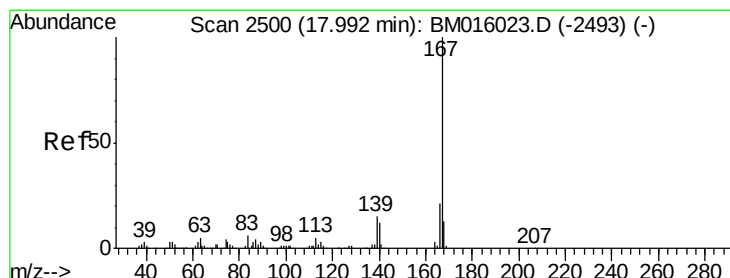
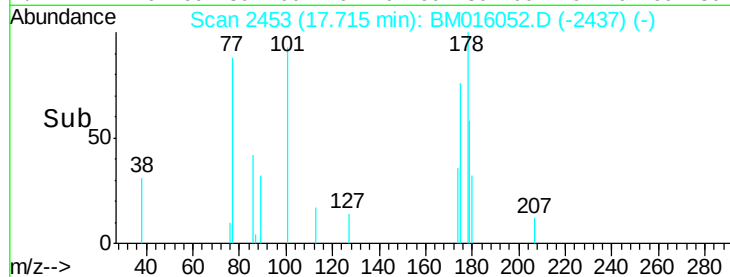
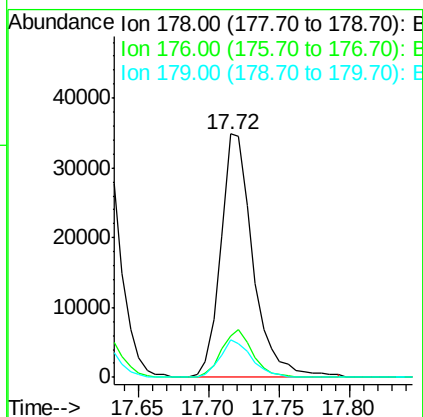
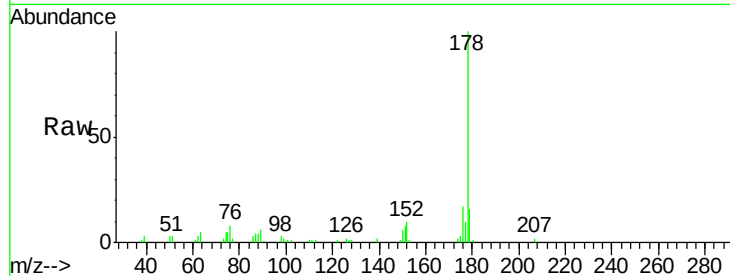




#71
 Anthracene
 Concen: 5.898 ng
 RT: 17.72 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

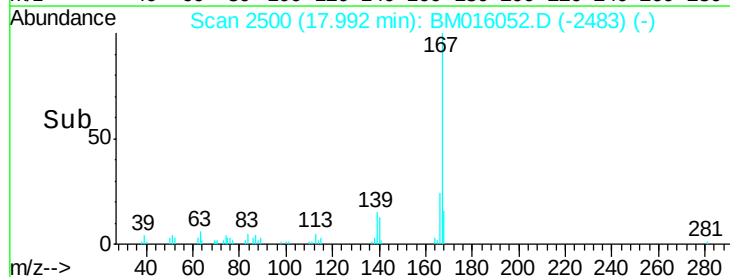
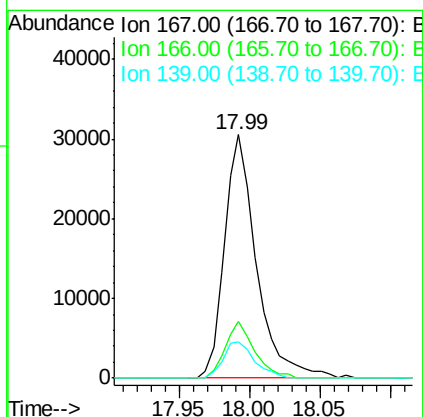
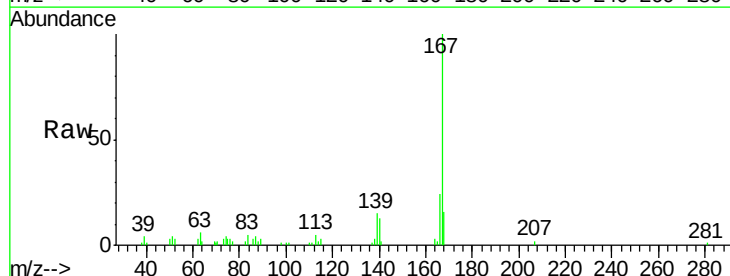
Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

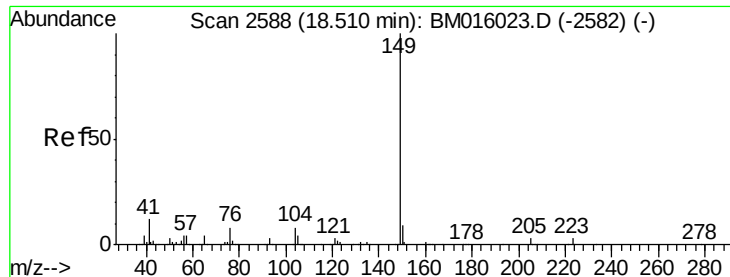
Tgt Ion:178 Resp: 55585
 Ion Ratio Lower Upper
 178 100
 176 17.1 14.6 22.0
 179 15.5 12.6 19.0



#72
 Carbazole
 Concen: 4.936 ng
 RT: 17.99 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion:167 Resp: 48194
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.2 25.8
 139 15.0 10.8 16.2

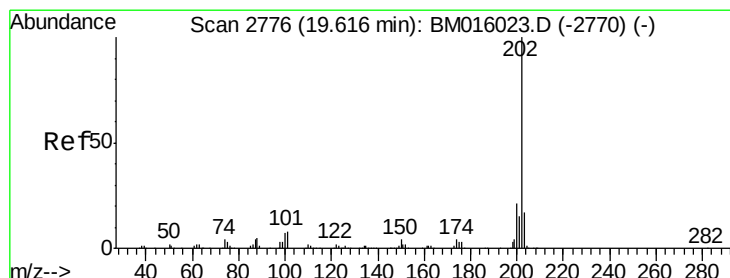
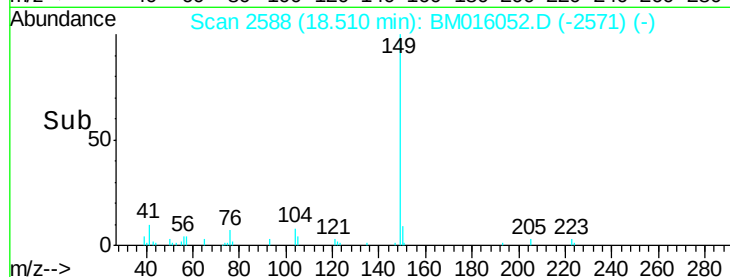
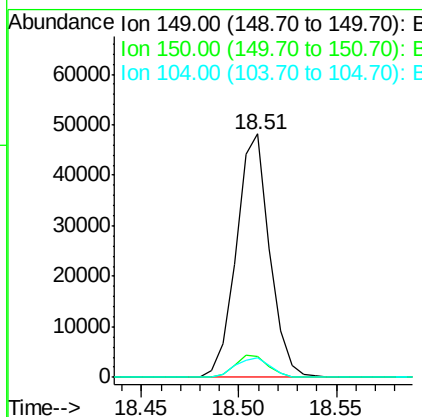
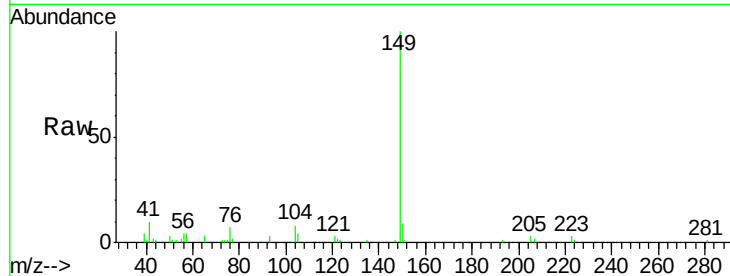




#73
Di-n-butylphthalate
Concen: 4.672 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

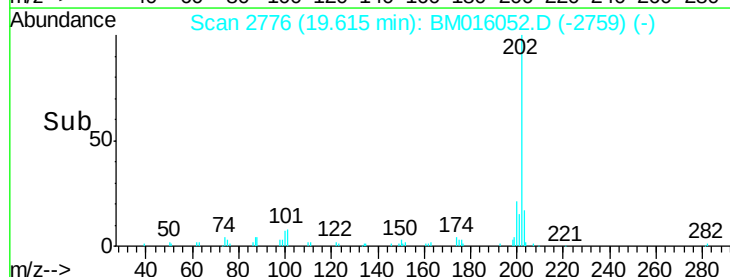
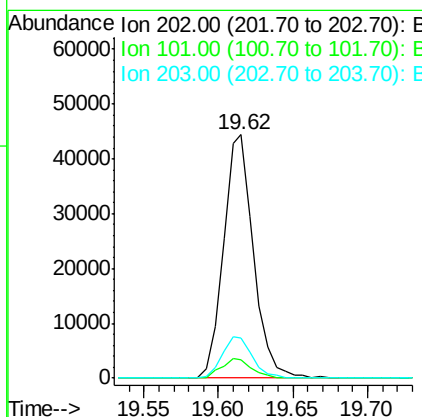
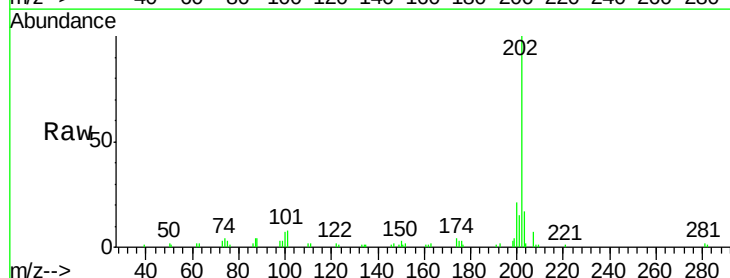
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

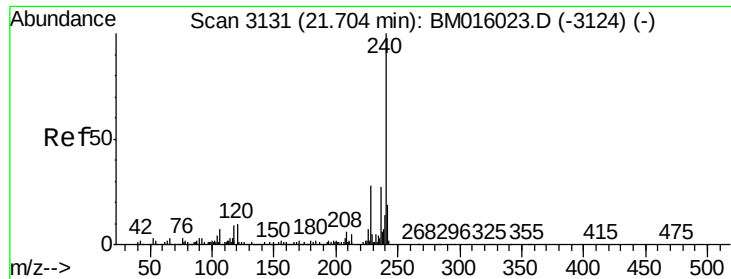
Tgt Ion:149 Resp: 56836
Ion Ratio Lower Upper
149 100
150 8.8 7.5 11.3
104 8.1 3.7 5.5#



#74
Fluoranthene
Concen: 5.772 ng
RT: 19.62 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:202 Resp: 62437
Ion Ratio Lower Upper
202 100
101 7.6 0.0 28.7
203 16.5 0.0 37.2

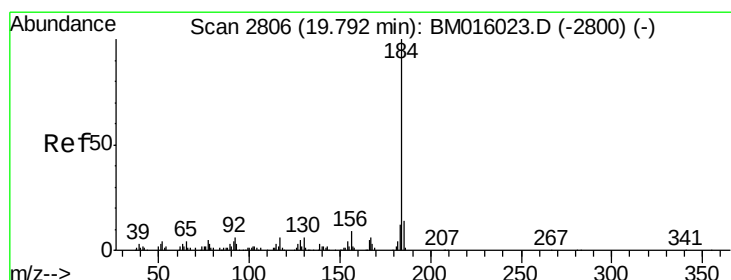
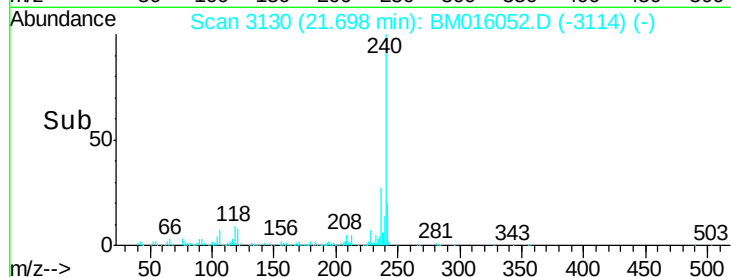
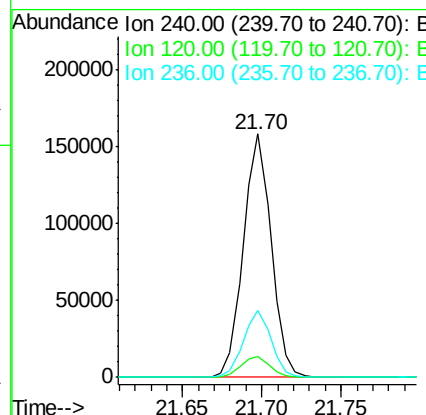
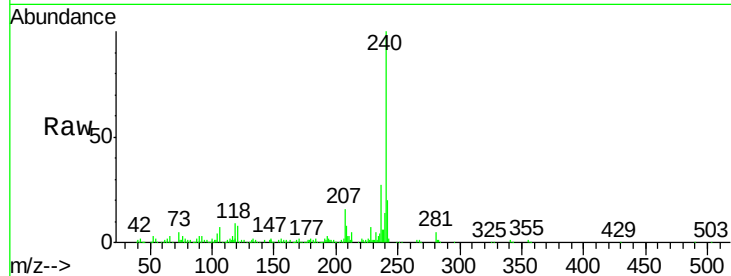




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3130
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

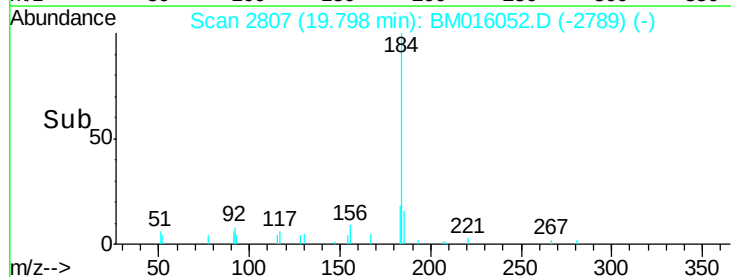
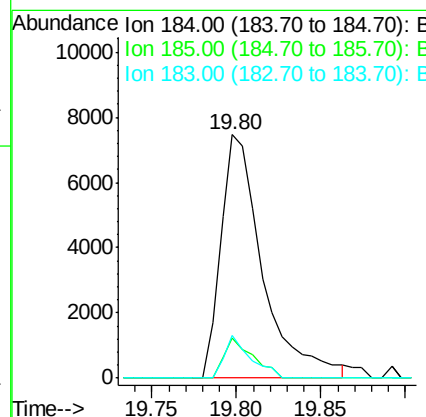
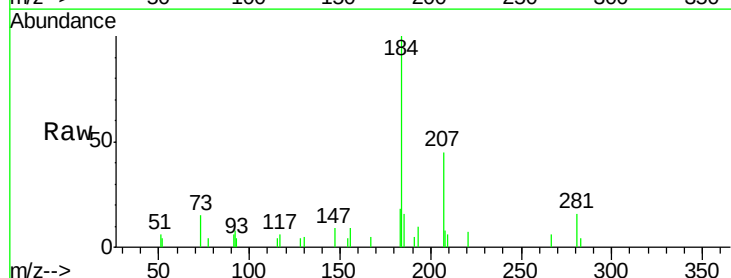
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

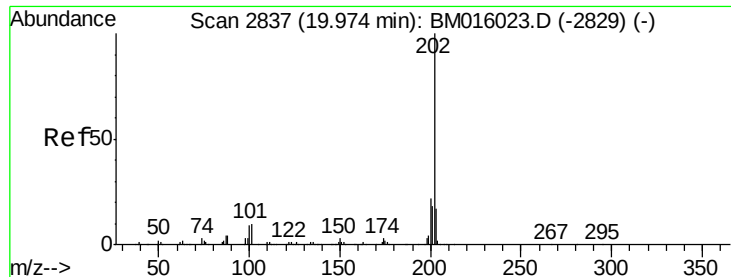
Tgt Ion:240 Resp: 192760
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.2
236 27.3 20.0 30.0



#76
Benzidine
Concen: 2.386 ng
RT: 19.80 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:184 Resp: 12854
Ion Ratio Lower Upper
184 100
185 16.4 11.3 16.9
183 17.6 8.9 13.3#





#77

Pyrene

Concen: 5.540 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

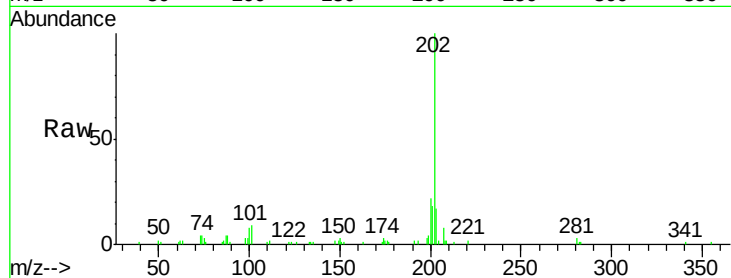
Tgt Ion:202 Resp: 64000

Ion Ratio Lower Upper

202 100

200 22.3 16.9 25.3

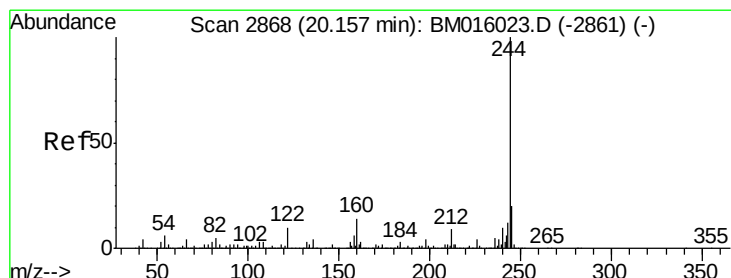
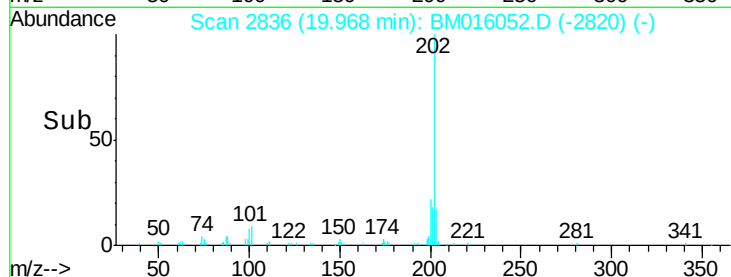
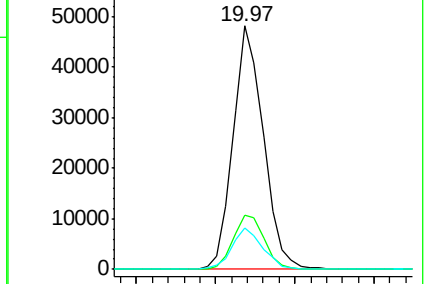
203 17.0 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 5.540 ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

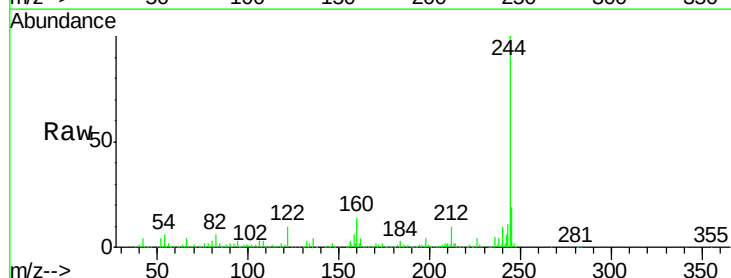
Tgt Ion:244 Resp: 1132921

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

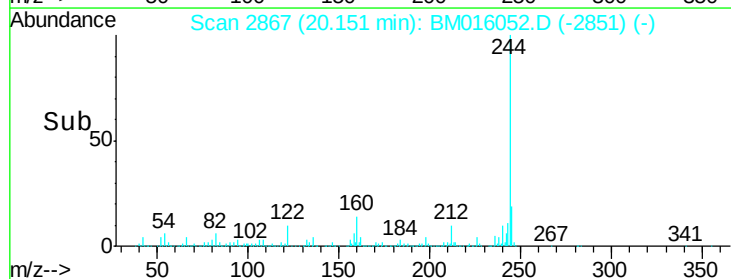
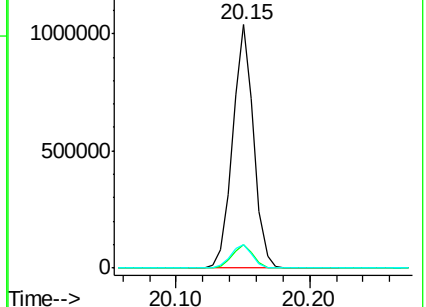
122 9.6 6.2 9.4#

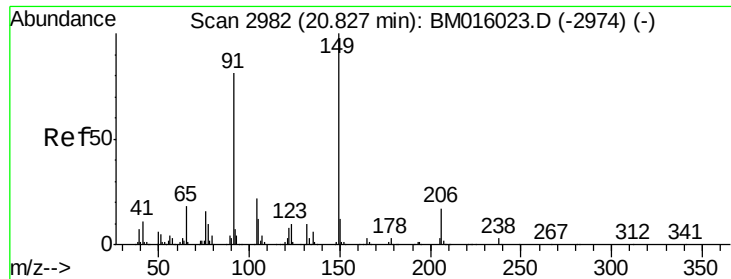


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

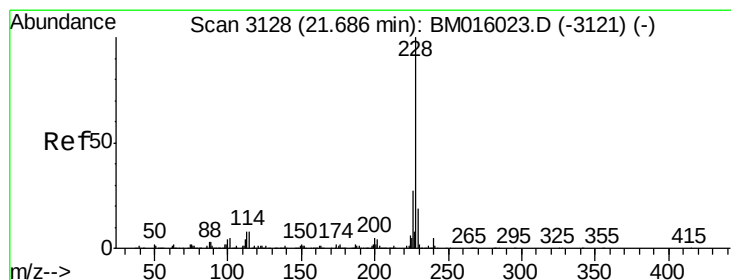
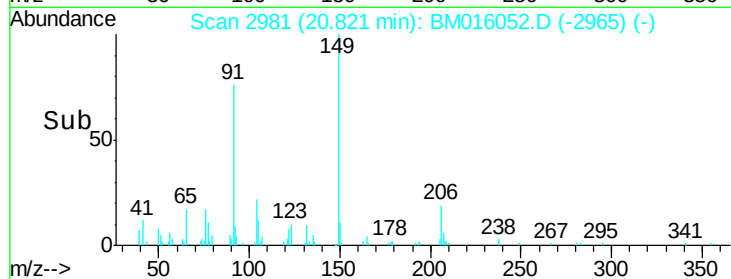
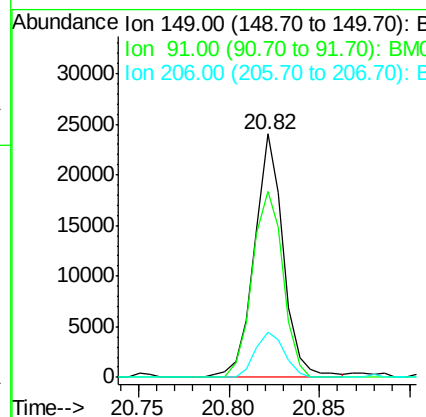
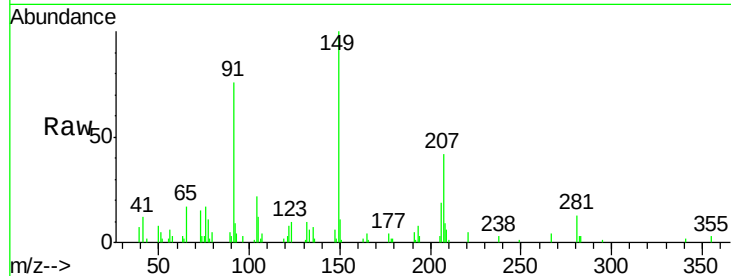




#79
Butylbenzylphthalate
Concen: 4.556 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

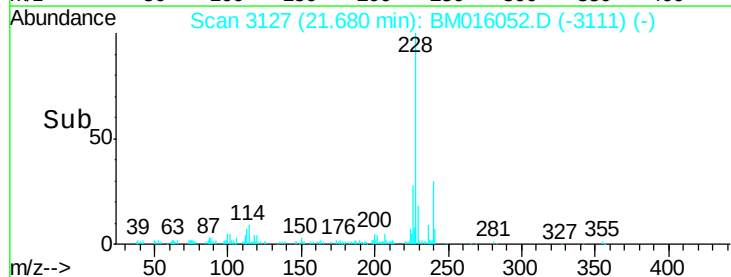
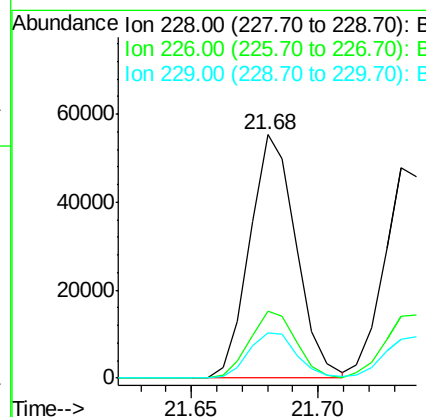
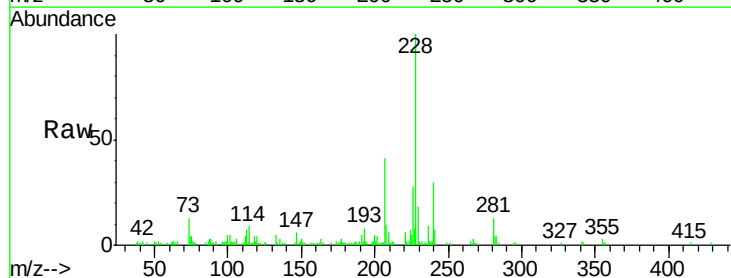
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

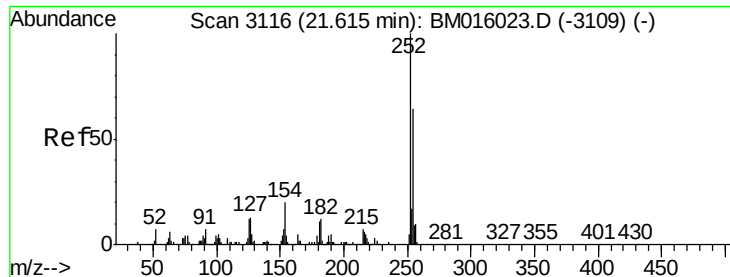
Tgt Ion:149 Resp: 26736
Ion Ratio Lower Upper
149 100
91 76.4 50.1 75.1#
206 18.6 16.2 24.2



#80
Benzo(a)anthracene
Concen: 5.954 ng
RT: 21.68 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:228 Resp: 70688
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 18.3 16.0 24.0

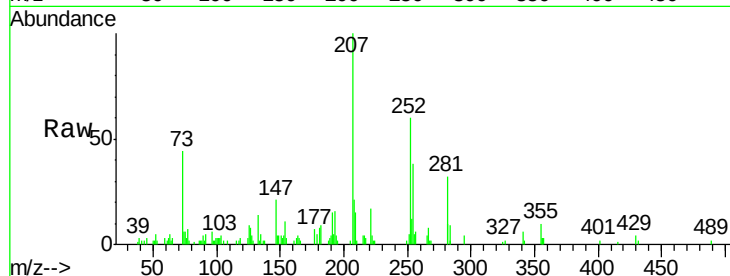




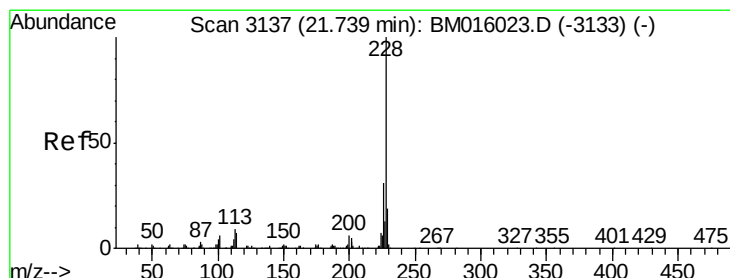
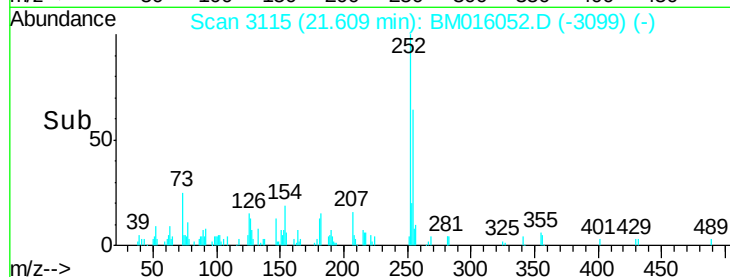
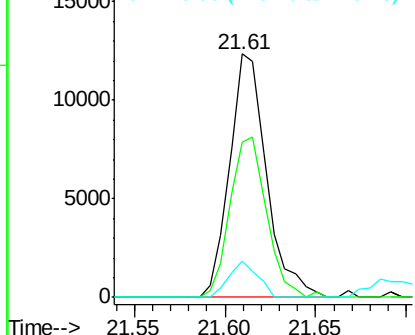
#81
 3,3'-Dichlorobenzidine
 Concen: 3.655 ng
 RT: 21.61 min Scan# 3115
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Instrument :
 BNA_M
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tgt Ion: 252 Resp: 17476
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.9 77.9
 126 14.7 9.8 14.8

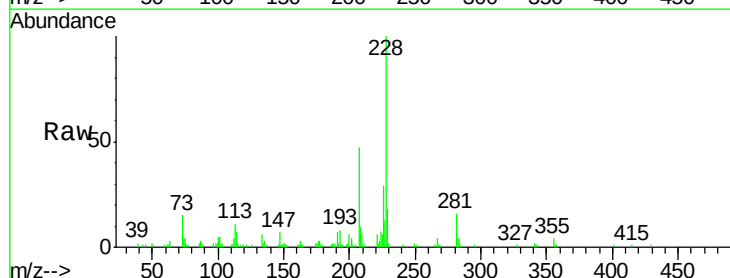


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

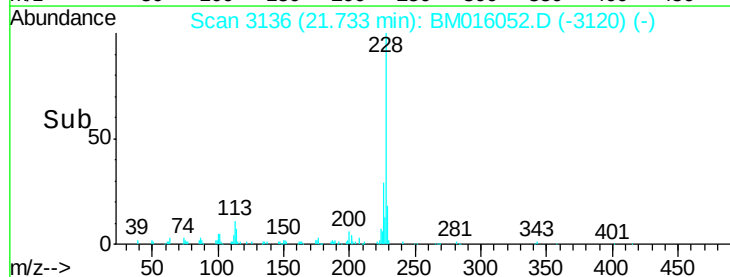
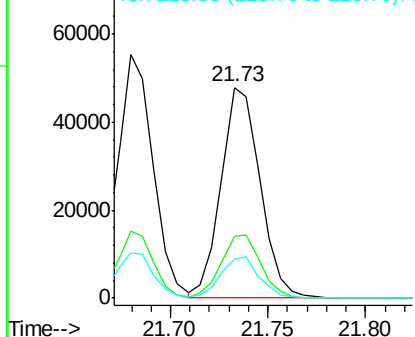


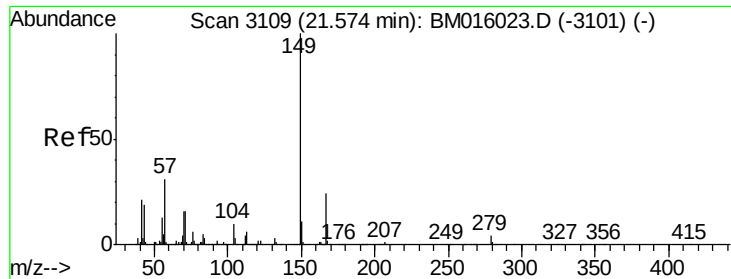
#82
 Chrysene
 Concen: 5.837 ng
 RT: 21.73 min Scan# 3136
 Delta R.T. -0.01 min
 Lab File: BM016052.D
 Acq: 24 Jul 2018 07:15

Tgt Ion: 228 Resp: 66473
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.1 36.1
 229 18.2 15.5 23.3



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 4.543 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

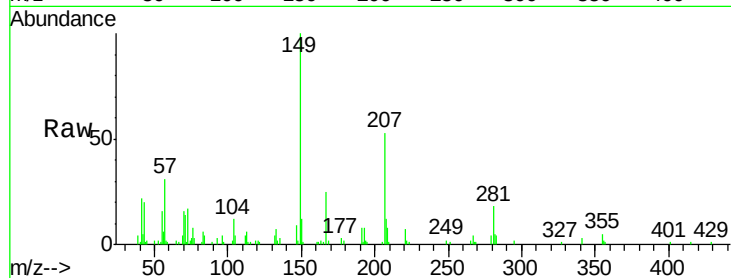
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

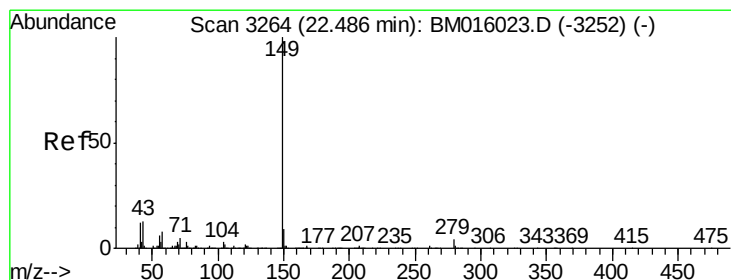
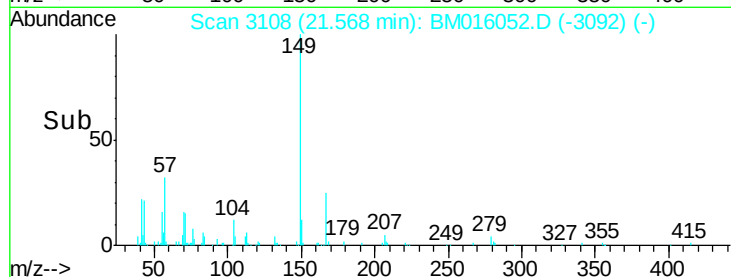
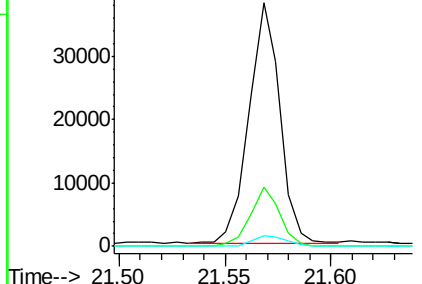
Tgt Ion:	149	Resp:	38639
Ion	Ratio	Lower	Upper
149	100		
167	24.6	22.4	33.6
279	4.3	3.4	5.0



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: 4.743 ng

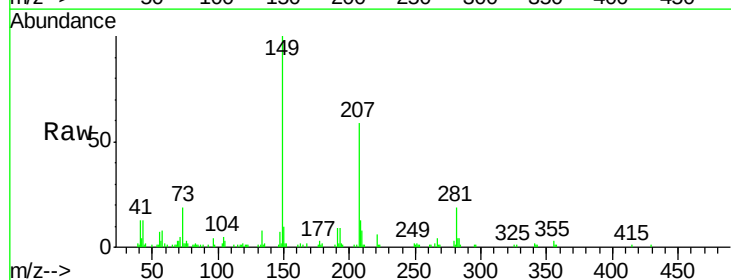
RT: 22.48 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

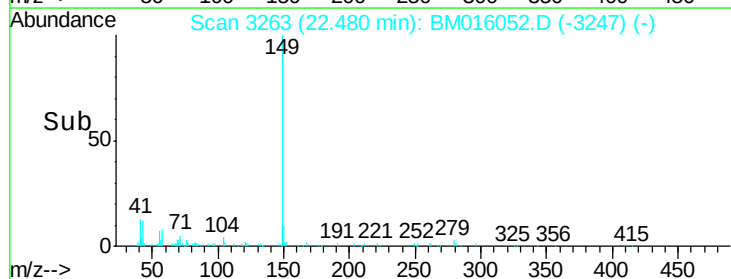
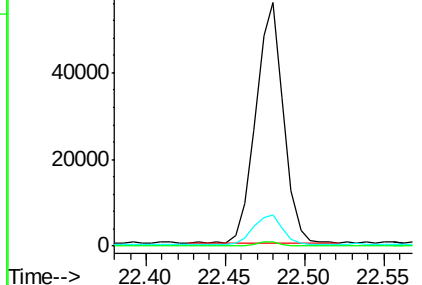
Tgt Ion:	149	Resp:	67789
Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	12.9	7.3	10.9#

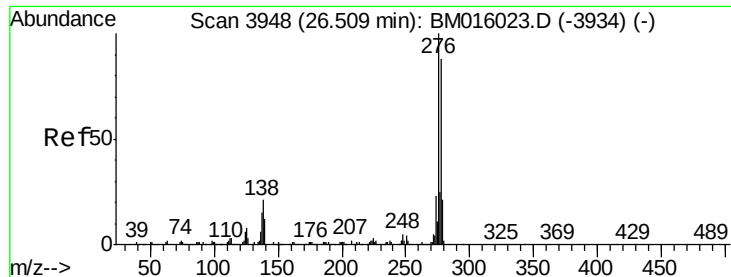


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

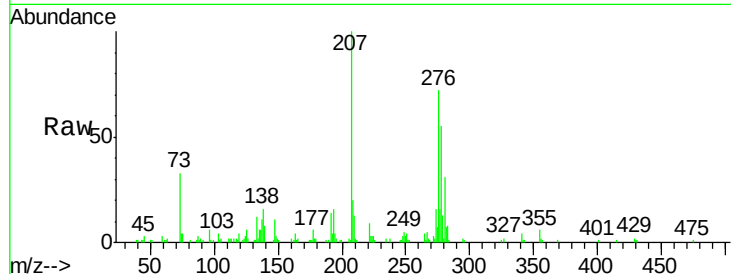




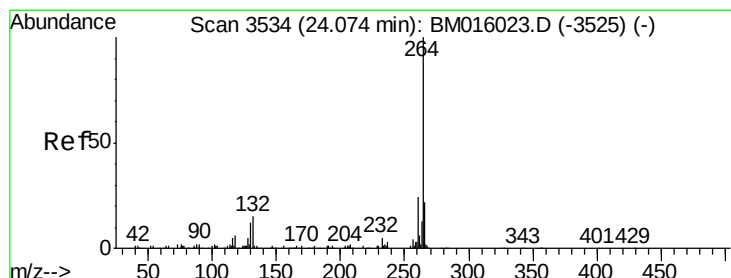
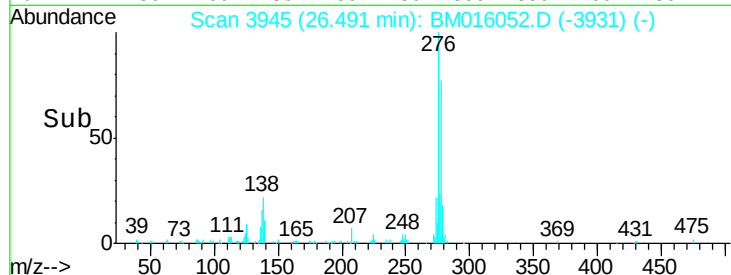
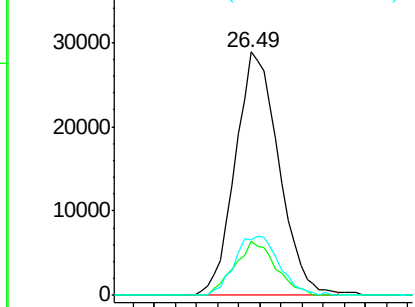
#85
Indeno(1,2,3-cd)pyrene
Concen: 6.110 ng
RT: 26.49 min Scan# 3945
Delta R.T. -0.02 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.9	12.0	18.0#
277	24.8	20.0	30.0

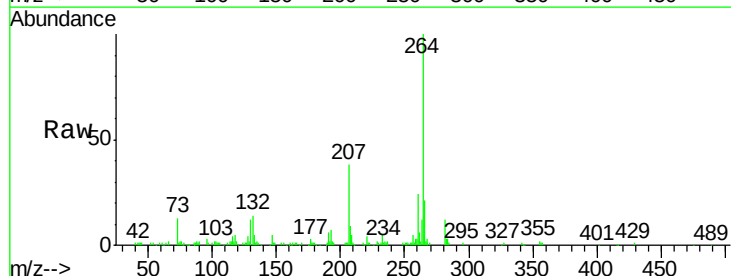


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

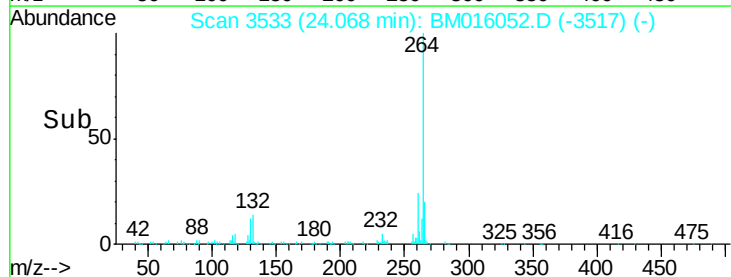
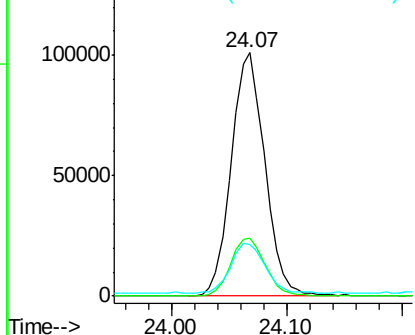


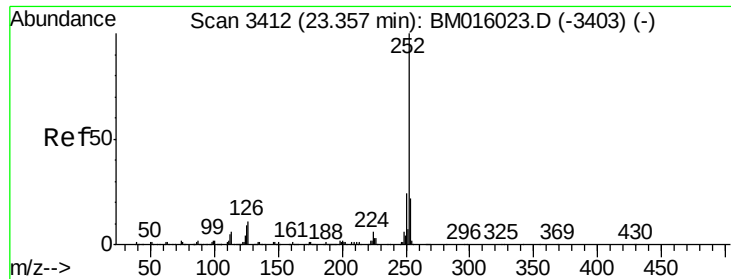
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.07 min Scan# 3533
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.6	27.8
265	21.3	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

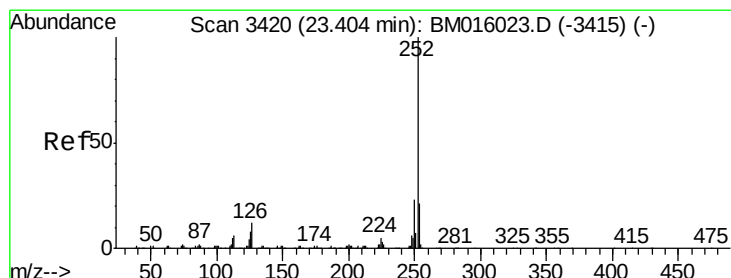
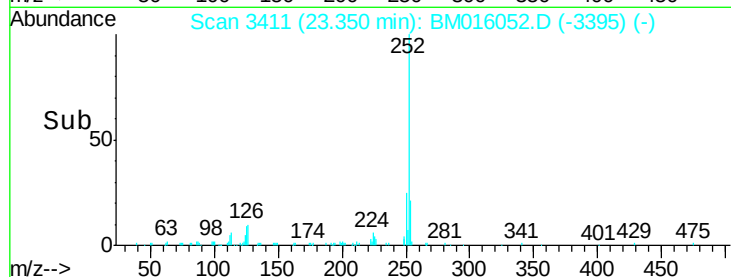
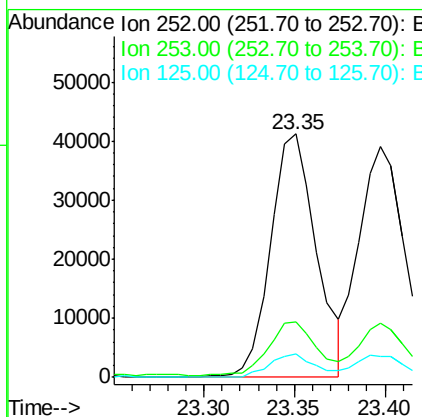
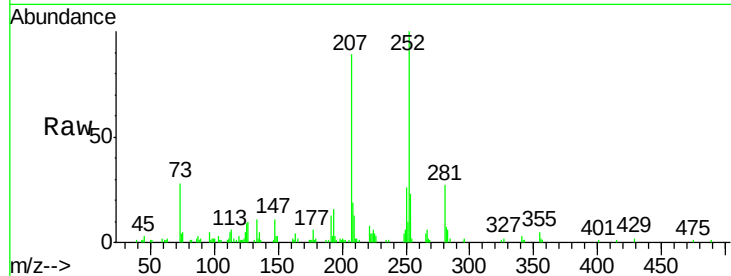




#87
Benzo(b)fluoranthene
Concen: 6.036 ng
RT: 23.35 min Scan# 3411
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

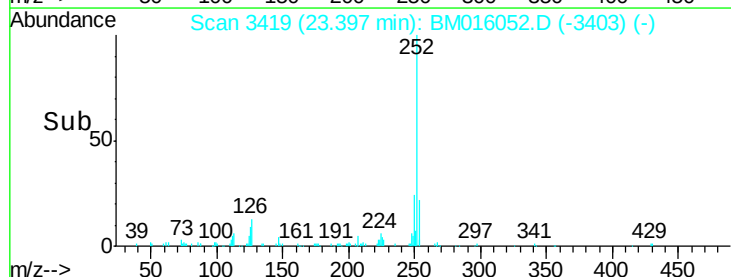
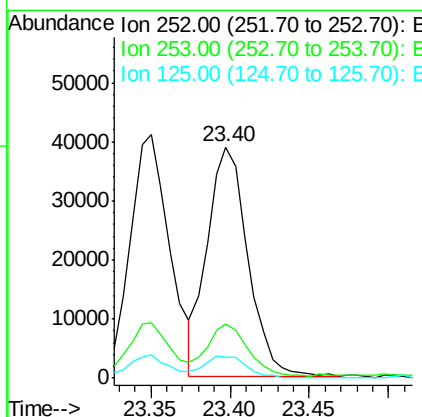
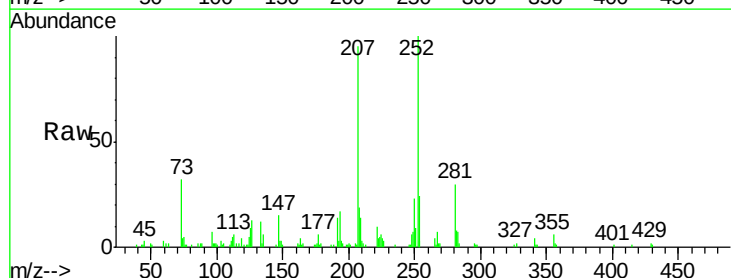
Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT3-2018

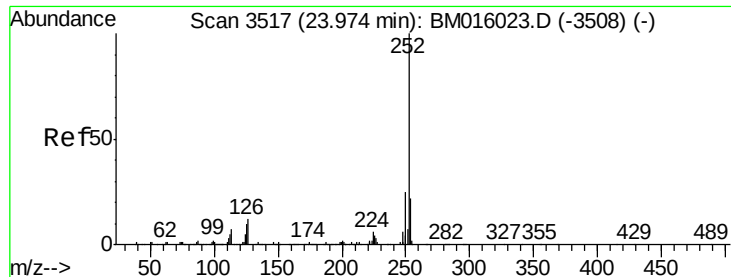
Tgt Ion:252 Resp: 72639
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 9.4 9.9 14.9#



#88
Benzo(k)fluoranthene
Concen: 5.627 ng
RT: 23.40 min Scan# 3419
Delta R.T. -0.01 min
Lab File: BM016052.D
Acq: 24 Jul 2018 07:15

Tgt Ion:252 Resp: 68632
Ion Ratio Lower Upper
252 100
253 23.6 17.2 25.8
125 9.0 8.1 12.1





#89

Benzo(a)pyrene

Concen: 5.886 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

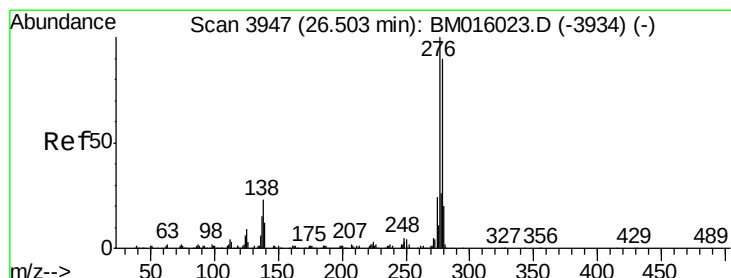
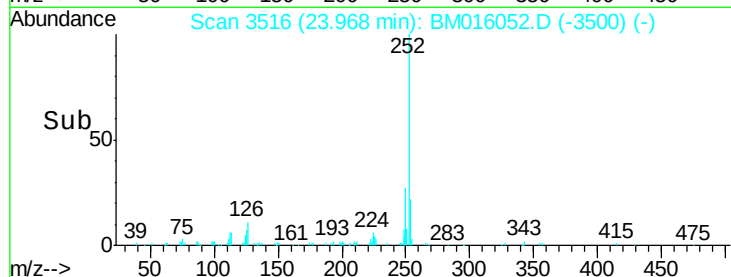
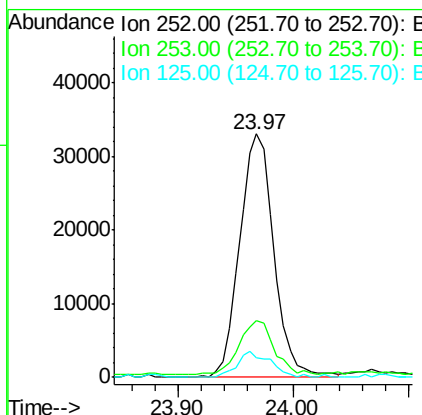
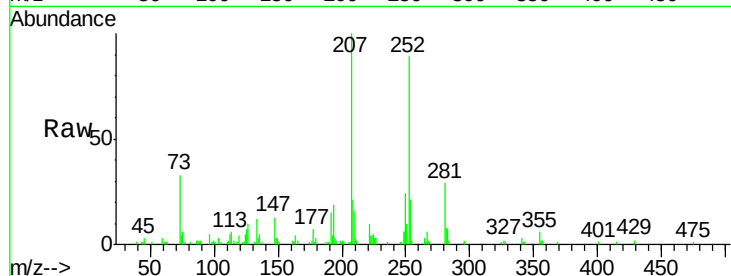
Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

Tgt Ion:	252	Resp:	68097
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	8.0	7.4	11.2



#90

Dibenzo(a,h)anthracene

Concen: 5.812 ng

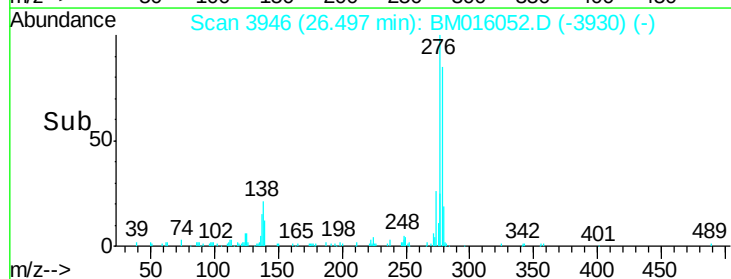
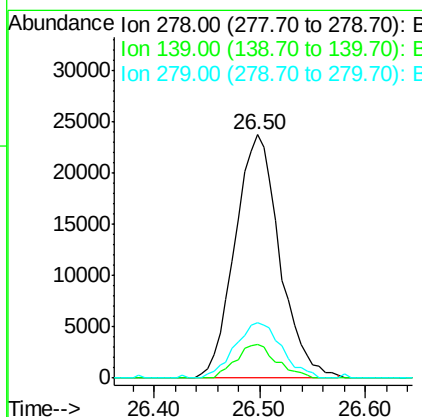
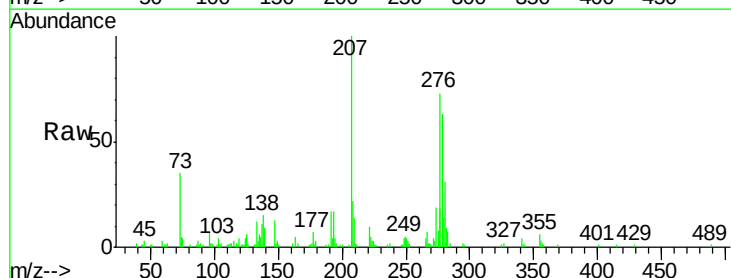
RT: 26.50 min Scan# 3946

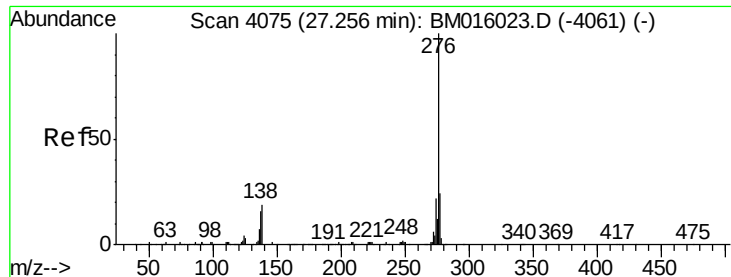
Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Tgt Ion:	278	Resp:	69668
Ion	Ratio	Lower	Upper
278	100		
139	13.9	13.4	20.0
279	22.6	19.0	28.4





#91

Benzo(g,h,i)perylene

Concen: 6.005 ng

RT: 27.24 min Scan# 4073

Delta R.T. -0.01 min

Lab File: BM016052.D

Acq: 24 Jul 2018 07:15

Instrument :

BNA_M

ClientSampleId :

MDL-WATER-03-QT3-2018

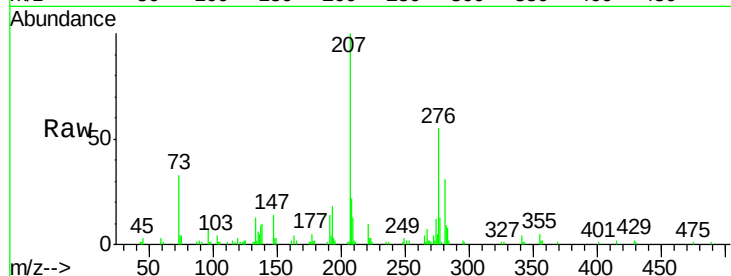
Tgt Ion: 276 Resp: 68085

Ion Ratio Lower Upper

276 100

277 22.8 18.5 27.7

138 17.4 19.0 28.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

