

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016043.D
 Acq On : 24 Jul 2018 01:45
 Operator : SJ/JU
 Sample : J3762-07
 Misc : LOD 5 PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Jul 24 06:09:42 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	38932	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	148518	20.00	ng	0.00
38) Acenaphthene-d10	14.85	164	78745	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	171272	20.00	ng	0.00
75) Chrysene-d12	21.70	240	188564	20.00	ng	0.00
86) Perylene-d12	24.07	264	201928	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	301162	128.50	ng	0.00
7) Phenol-d6	7.39	99	372661	121.75	ng	0.00
23) Nitrobenzene-d5	9.42	82	284013	88.94	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	129901	130.06	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	570386	88.13	ng	0.00
78) Terphenyl-d14	20.15	244	1087888	120.77	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	4348	3.960	ng	# 100
3) Pyridine	4.01	79	6960	2.631	ng	# 61
4) n-Nitrosodimethylamine	3.90	42	7911	3.834	ng	# 34
6) Aniline	7.56	93	9283	2.634	ng	# 89
8) 2-Chlorophenol	7.79	128	12128	4.354	ng	# 85
9) Benzaldehyde	7.39	77	12004	5.582	ng	# 73
10) Phenol	7.41	94	13658	4.463	ng	# 89
11) bis(2-Chloroethyl)ether	7.65	93	10000	4.136	ng	# 84
12) 1,3-Dichlorobenzene	8.13	146	13909	4.266	ng	# 91
13) 1,4-Dichlorobenzene	8.27	146	14341	4.337	ng	# 83
14) 1,2-Dichlorobenzene	8.58	146	13839	4.277	ng	# 92
15) Benzyl Alcohol	8.50	79	6026	2.473	ng	# 77
16) 2,2'-oxybis(1-Chloropropan	8.76	45	15379	4.156	ng	# 96
17) 2-Methylphenol	8.69	107	9024	4.314	ng	# 81
18) Hexachloroethane	9.30	117	5846	4.090	ng	# 96
19) n-Nitroso-di-n-propylamine	9.05	70	8012	3.581	ng	# 71
20) 3+4-Methylphenols	9.02	107	9878	3.282	ng	# 82
22) Acetophenone	9.09	105	16629	4.447	ng	# 86
24) Nitrobenzene	9.46	77	14699	4.573	ng	# 89
25) Isophorone	9.97	82	20460	4.684	ng	# 94
26) 2-Nitrophenol	10.19	139	4420	3.294	ng	# 73
27) 2,4-Dimethylphenol	10.23	122	9166	4.903	ng	# 84
28) bis(2-Chloroethoxy)methane	10.46	93	12126	4.271	ng	# 93
29) 2,4-Dichlorophenol	10.73	162	9393	4.229	ng	# 86
30) 1,2,4-Trichlorobenzene	10.92	180	11719	4.342	ng	# 96
31) Naphthalene	11.10	128	36760	4.890	ng	# 96
32) Benzoic acid	10.35	122	3310	2.323	ng	# 92
33) 4-Chloroaniline	11.25	127	7359	2.399	ng	# 87
34) Hexachlorobutadiene	11.36	225	8261	4.413	ng	# 96
35) Caprolactam	12.01	113	1142	1.856	ng	# 68
36) 4-Chloro-3-methylphenol	12.34	107	9327	3.818	ng	# 80
37) 2-Methylnaphthalene	12.70	142	25273	5.019	ng	# 92
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	11887	4.434	ng	# 100
40) Hexachlorocyclopentadiene	13.02	237	2840	9.624	ng	# 85

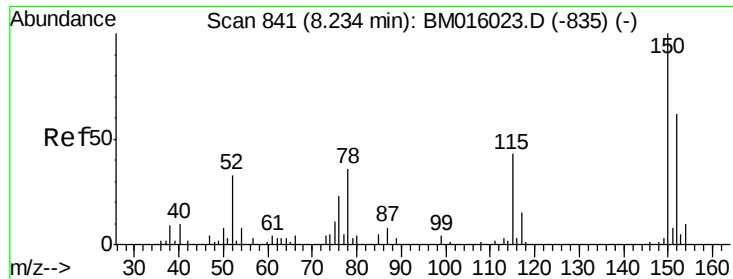
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016043.D
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 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	6077	3.623	ng	90
43) 2,4,5-Trichlorophenol	13.39	196	6642	3.839	ng	# 68
45) 1,1'-Biphenyl	13.69	154	32861	4.624	ng	97
46) 2-Chloronaphthalene	13.74	162	24427	4.419	ng	# 87
47) 2-Nitroaniline	13.97	65	5420	2.966	ng	83
48) Acenaphthylene	14.59	152	37155	4.592	ng	98
49) Dimethylphthalate	14.30	163	31289	4.540	ng	# 97
50) 2,6-Dinitrotoluene	14.44	165	5460	3.938	ng	# 41
51) Acenaphthene	14.92	154	23603	4.743	ng	99
52) 3-Nitroaniline	14.80	138	3459	2.310	ng	# 72
53) 2,4-Dinitrophenol	15.04	184	913	7.535	ng	# 43
54) Dibenzofuran	15.25	168	37556	4.580	ng	# 82
55) 4-Nitrophenol	15.13	139	1740	1.621	ng	# 79
56) 2,4-Dinitrotoluene	15.24	165	6615	3.336	ng	# 58
57) Fluorene	15.90	166	28625	4.697	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.49	232	6683	4.494	ng	# 100
59) Diethylphthalate	15.65	149	32048	4.315	ng	95
60) 4-Chlorophenyl-phenylether	15.88	204	14330	4.224	ng	# 75
61) 4-Nitroaniline	15.95	138	3300	2.297	ng	# 1
62) Azobenzene	16.17	77	32414	4.144	ng	78
64) 4,6-Dinitro-2-methylphenol	16.00	198	2705	2.602	ng	86
65) n-Nitrosodiphenylamine	16.10	169	24311	4.311	ng	98
66) 4-Bromophenyl-phenylether	16.77	248	8503	4.384	ng	# 71
67) Hexachlorobenzene	16.89	284	9137	4.278	ng	# 59
68) Atrazine	17.03	200	8100	4.007	ng	95
69) Pentachlorophenol	17.24	266	3149	2.381	ng	94
70) Phenanthrene	17.63	178	46144	4.812	ng	98
71) Anthracene	17.72	178	43704	4.690	ng	98
72) Carbazole	17.99	167	39905	4.133	ng	95
73) Di-n-butylphthalate	18.51	149	45857	3.812	ng	# 96
74) Fluoranthene	19.62	202	49465	4.625	ng	98
76) Benzidine	19.80	184	10425	1.978	ng	96
77) Pyrene	19.97	202	50756	4.492	ng	98
79) Butylbenzylphthalate	20.82	149	22515	3.922	ng	# 80
80) Benzo(a)anthracene	21.69	228	56129	4.833	ng	97
81) 3,3'-Dichlorobenzidine	21.62	252	14436	3.086	ng	99
82) Chrysene	21.74	228	54746	4.914	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	31235	3.754	ng	# 91
84) Di-n-octyl phthalate	22.48	149	55482	3.968	ng	# 87
85) Indeno(1,2,3-cd)pyrene	26.50	276	68357	5.171	ng	# 94
87) Benzo(b)fluoranthene	23.35	252	58560	4.926	ng	98
88) Benzo(k)fluoranthene	23.40	252	57892	4.805	ng	97
89) Benzo(a)pyrene	23.97	252	56149	4.913	ng	# 97
90) Dibenzo(a,h)anthracene	26.50	278	57229	4.833	ng	97
91) Benzo(g,h,i)perylene	27.24	276	55640	4.968	ng	# 92

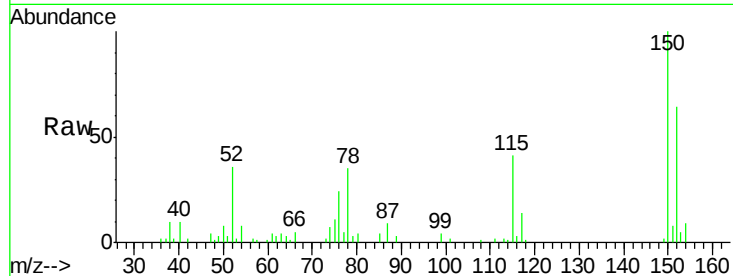
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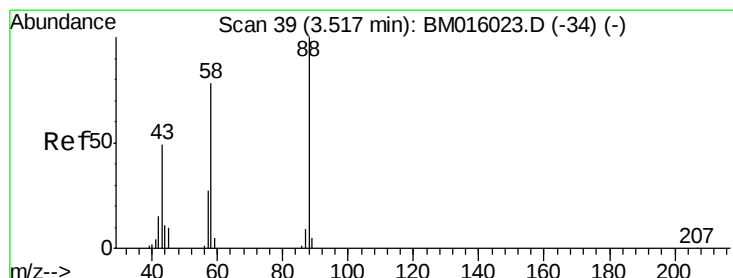
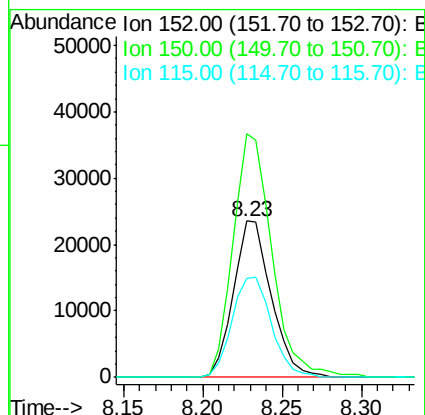
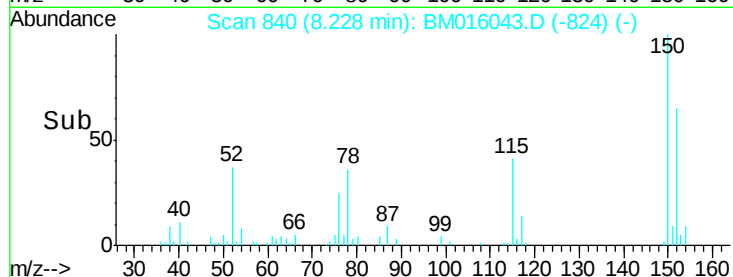
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.23 min Scan# 840
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion:152 Resp: 38932
 Ion Ratio Lower Upper
 152 100
 150 156.1 119.5 179.3
 115 63.5 43.0 64.4

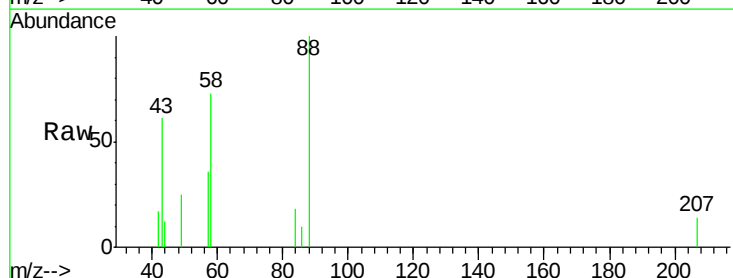


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

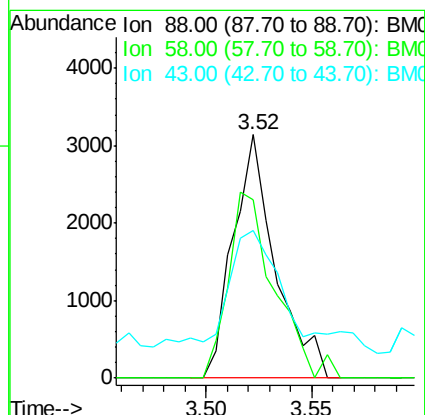
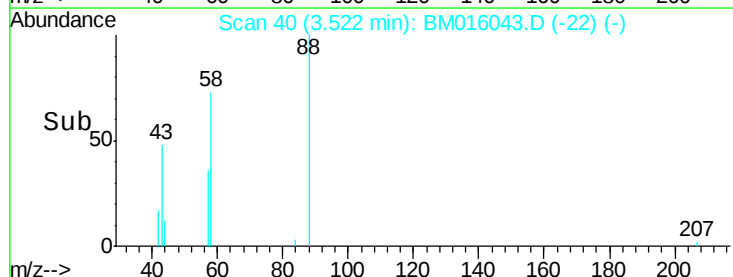


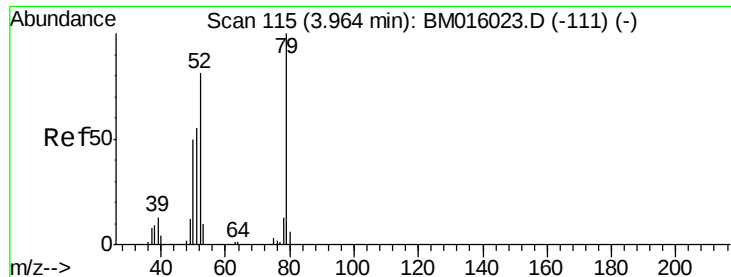
#2
 1,4-Dioxane
 Concen: 3.960 ng
 RT: 3.52 min Scan# 40
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 88 Resp: 4348
 Ion Ratio Lower Upper
 88 100
 58 83.1 0.0 0.0#
 43 59.2 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: 2.631 ng

RT: 4.01 min Scan# 123

Delta R.T. 0.05 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

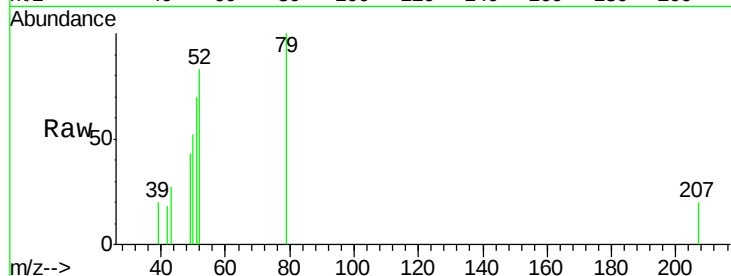
Tgt Ion: 79 Resp: 6960

Ion Ratio Lower Upper

79 100

52 83.1 51.1 76.7#

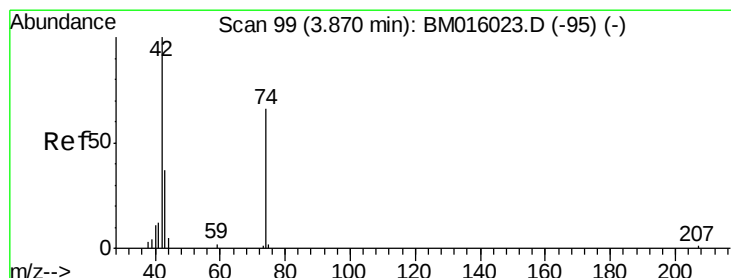
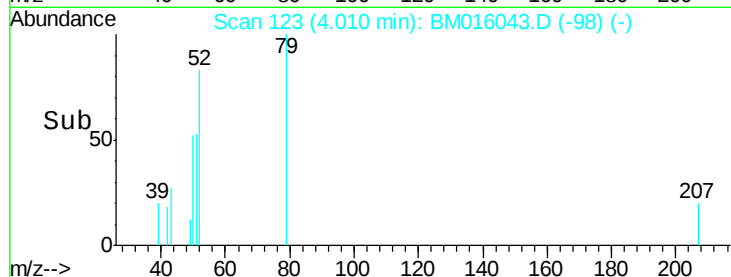
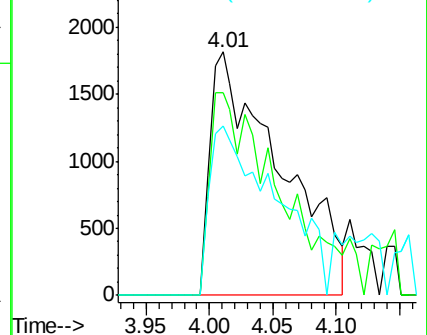
51 69.7 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM016043.D (-123) (-)

Ion 52.00 (51.70 to 52.70): BM016043.D (-123) (-)

Ion 51.00 (50.70 to 51.70): BM016043.D (-123) (-)



#4

n-Nitrosodimethylamine

Concen: 3.834 ng

RT: 3.90 min Scan# 104

Delta R.T. 0.03 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

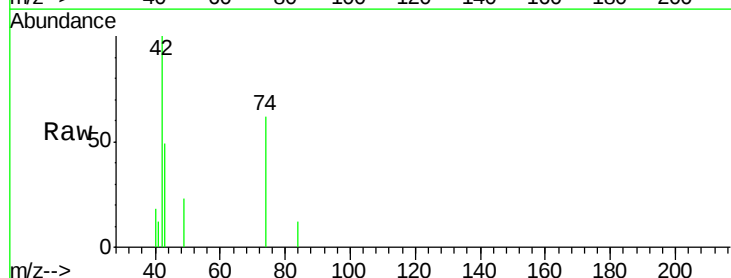
Tgt Ion: 42 Resp: 7911

Ion Ratio Lower Upper

42 100

74 62.5 119.3 178.9#

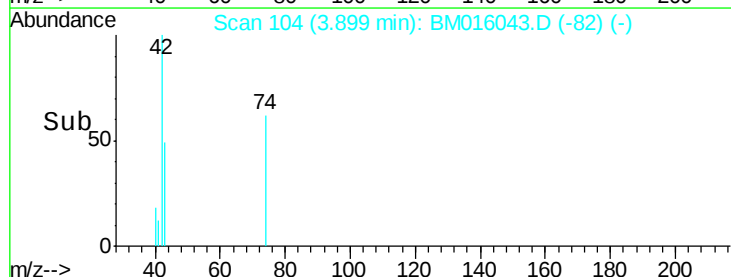
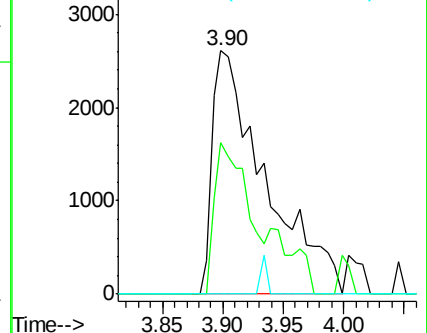
44 0.0 5.4 8.2#

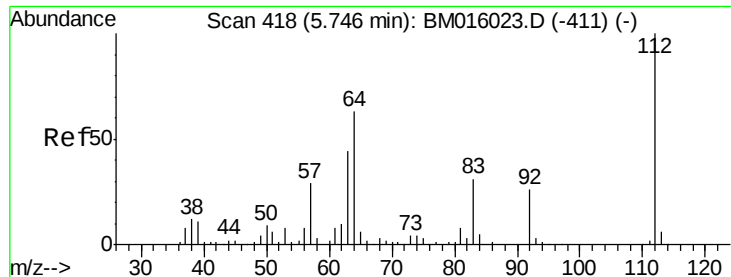


Abundance Ion 42.00 (41.70 to 42.70): BM016043.D (-104) (-)

Ion 74.00 (73.70 to 74.70): BM016043.D (-104) (-)

Ion 44.00 (43.70 to 44.70): BM016043.D (-104) (-)





#5

2-Fluorophenol

Concen: 3.834 ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

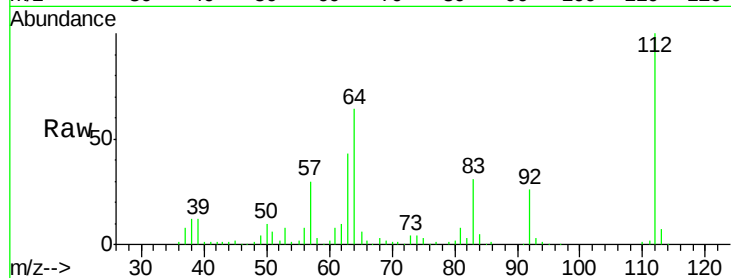
Tgt Ion: 112 Resp: 301162

Ion Ratio Lower Upper

112 100

64 63.8 38.6 57.8#

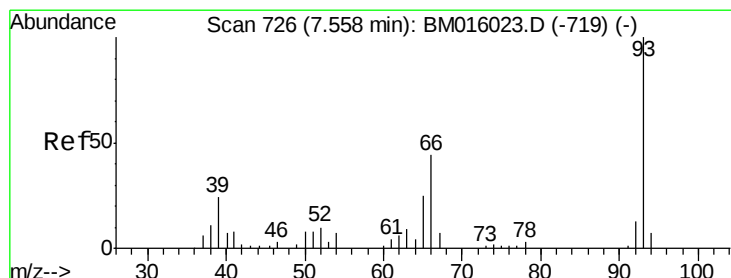
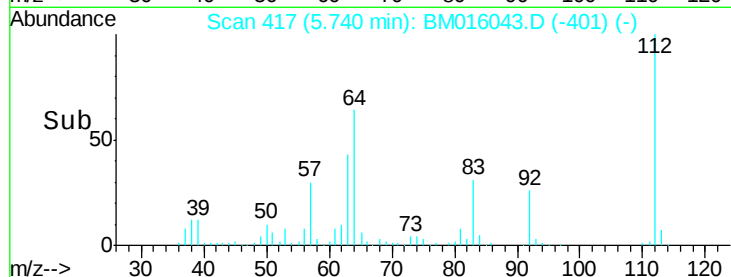
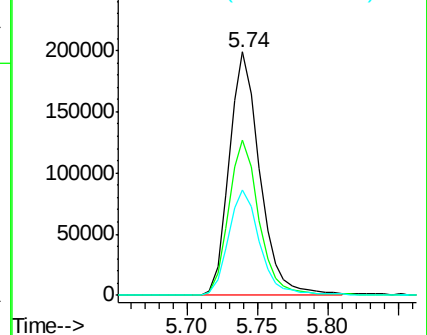
63 43.3 19.3 28.9#



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: 2.634 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

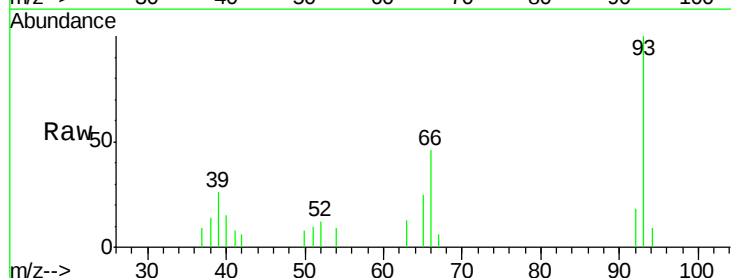
Tgt Ion: 93 Resp: 9283

Ion Ratio Lower Upper

93 100

66 45.5 30.8 46.2

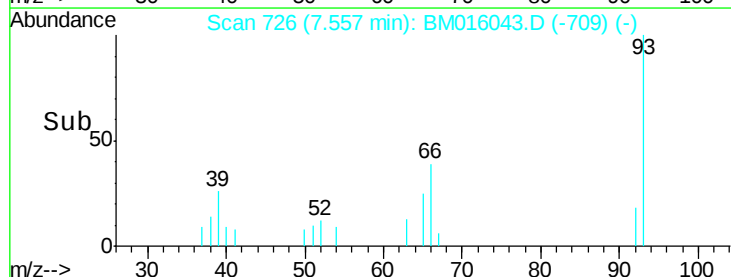
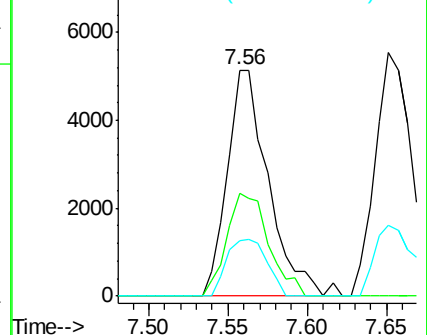
65 24.5 16.0 24.0#

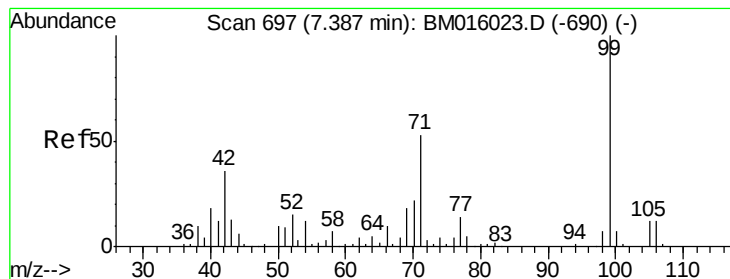


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 2.634 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

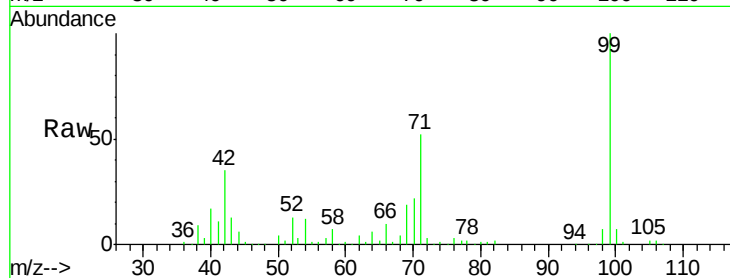
Tgt Ion: 99 Resp: 372661

Ion Ratio Lower Upper

99 100

42 34.9 11.0 16.4#

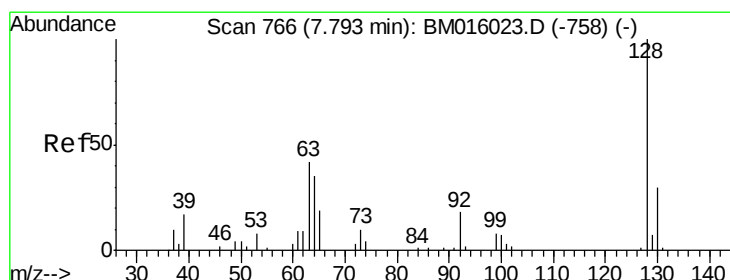
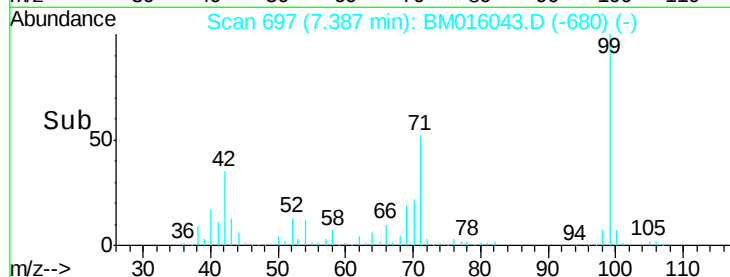
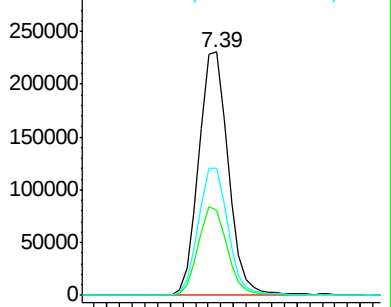
71 52.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016043.D (-680) (-)

Ion 42.00 (41.70 to 42.70): BM016043.D (-680) (-)

Ion 71.00 (70.70 to 71.70): BM016043.D (-680) (-)



#8

2-Chlorophenol

Concen: 4.354 ng

RT: 7.79 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

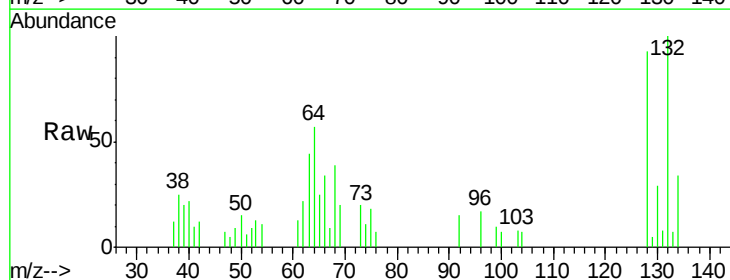
Tgt Ion: 128 Resp: 12128

Ion Ratio Lower Upper

128 100

130 31.2 12.0 52.0

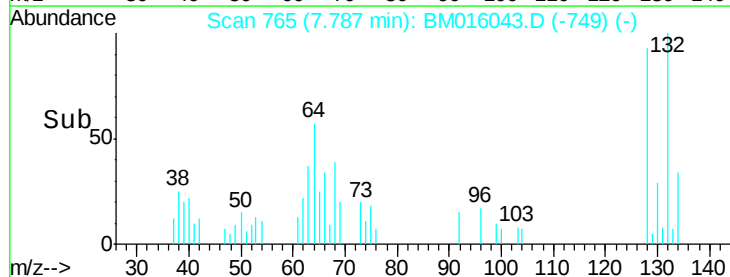
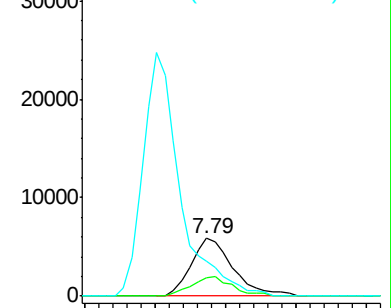
64 61.4 24.9 64.9

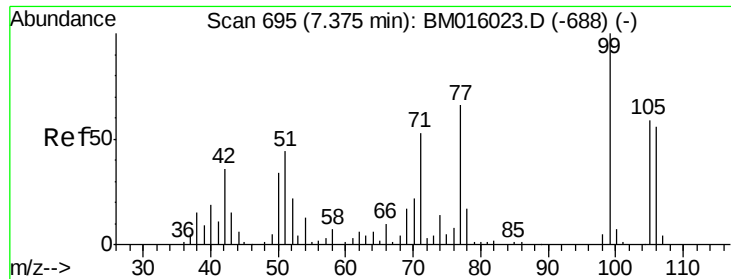


Abundance Ion 128.00 (127.70 to 128.70): BM016043.D (-749) (-)

Ion 130.00 (129.70 to 130.70): BM016043.D (-749) (-)

Ion 64.00 (63.70 to 64.70): BM016043.D (-749) (-)

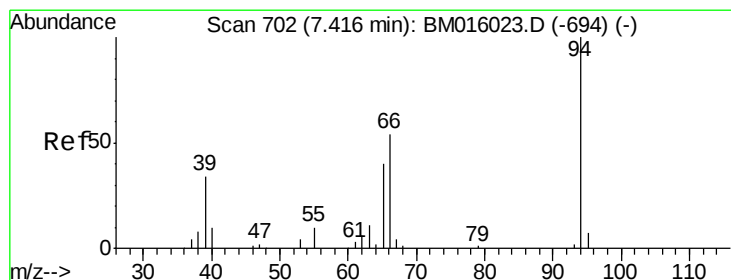
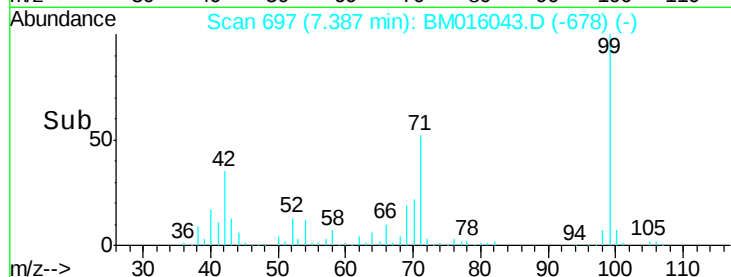
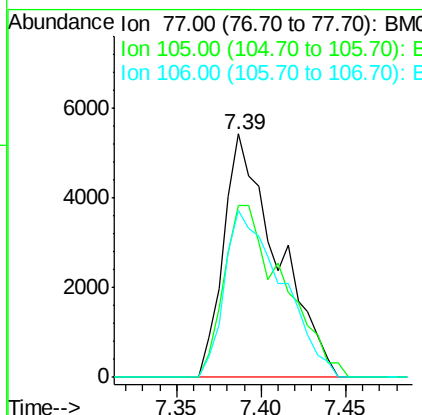
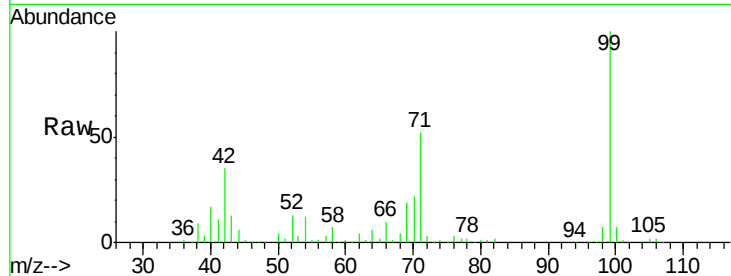




#9
Benzaldehyde
Concen: 5.582 ng
RT: 7.39 min Scan# 697
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

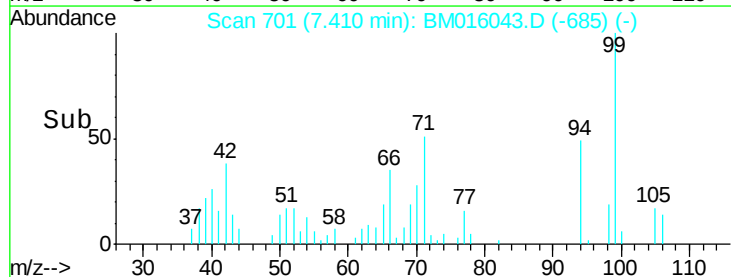
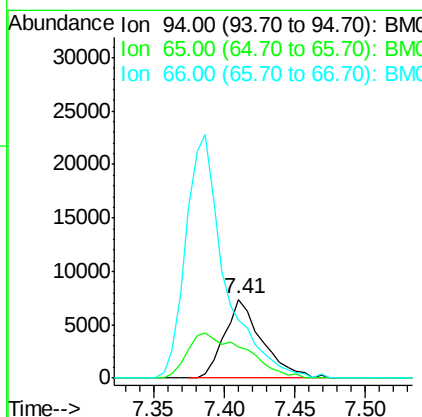
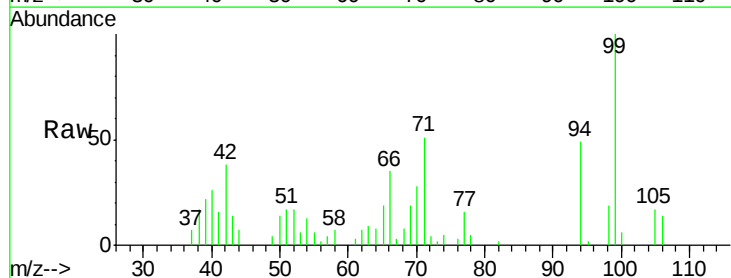
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

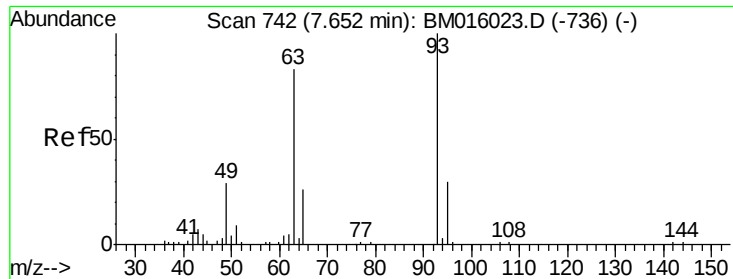
Tgt Ion: 77 Resp: 12004
Ion Ratio Lower Upper
77 100
105 70.6 78.8 118.8#
106 68.5 73.7 113.7#



#10
Phenol
Concen: 4.463 ng
RT: 7.41 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion: 94 Resp: 13658
Ion Ratio Lower Upper
94 100
65 39.6 18.8 58.8
66 72.7 39.9 79.9

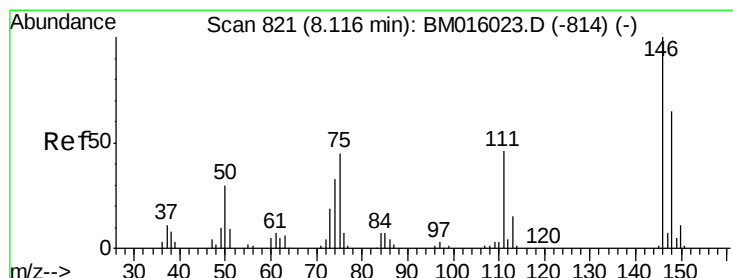
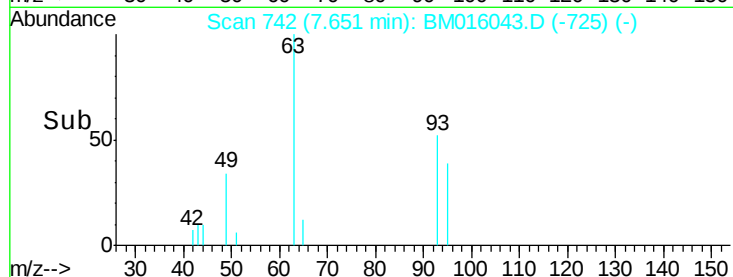
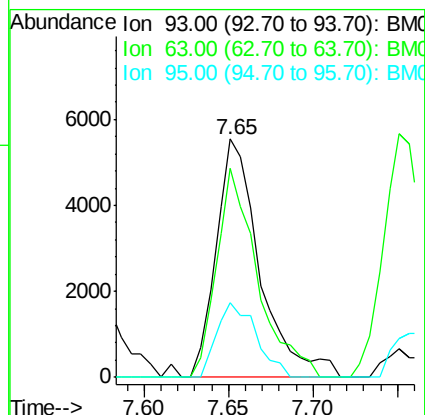
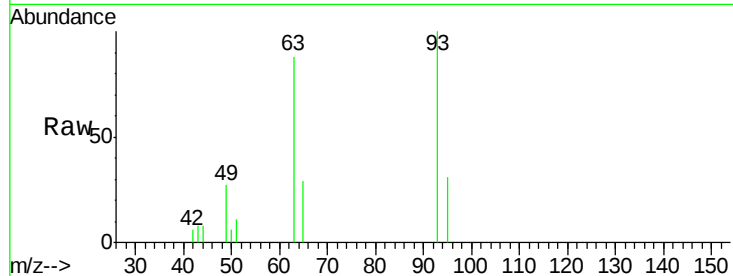




#11
bis(2-Chloroethyl)ether
Concen: 4.136 ng
RT: 7.65 min Scan# 742
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

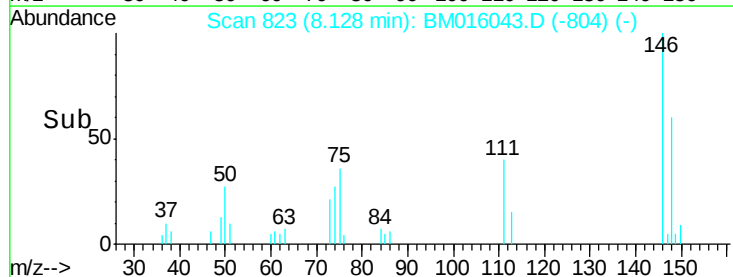
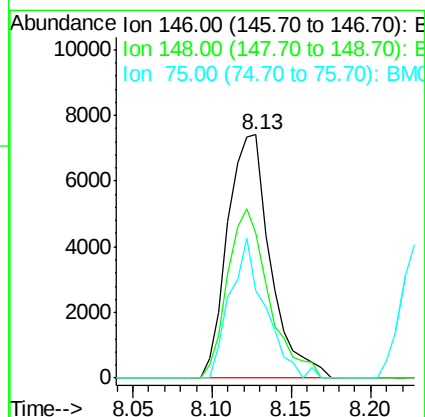
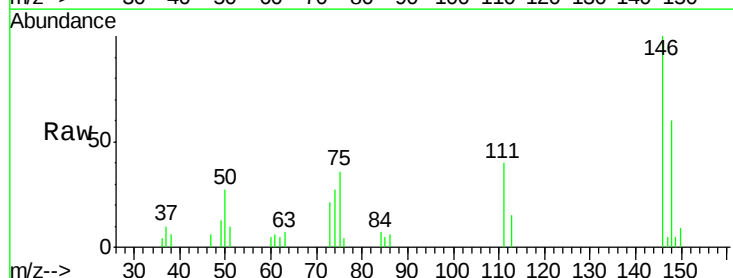
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

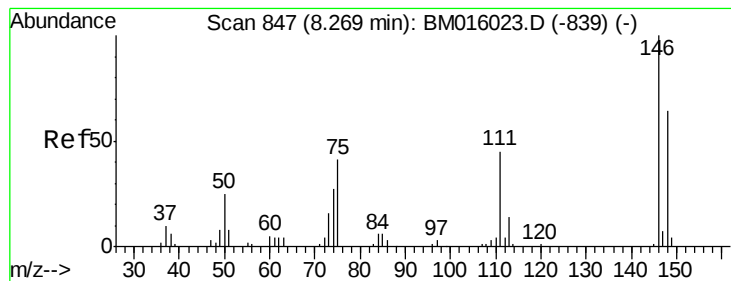
Tgt Ion: 93 Resp: 10000
Ion Ratio Lower Upper
93 100
63 87.7 49.5 89.5
95 31.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 4.266 ng
RT: 8.13 min Scan# 823
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion: 146 Resp: 13909
Ion Ratio Lower Upper
146 100
148 59.7 50.9 76.3
75 35.8 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 4.337 ng

RT: 8.27 min Scan# 847

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

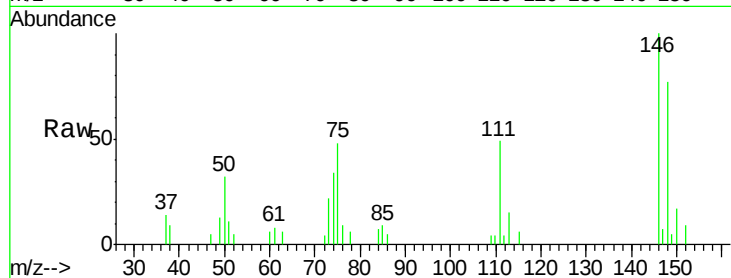
Tgt Ion:146 Resp: 14341

Ion Ratio Lower Upper

146 100

148 76.8 51.9 77.9

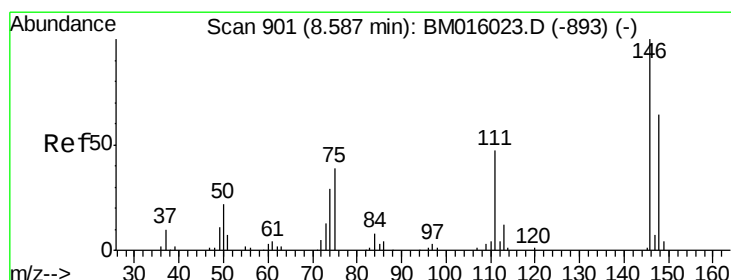
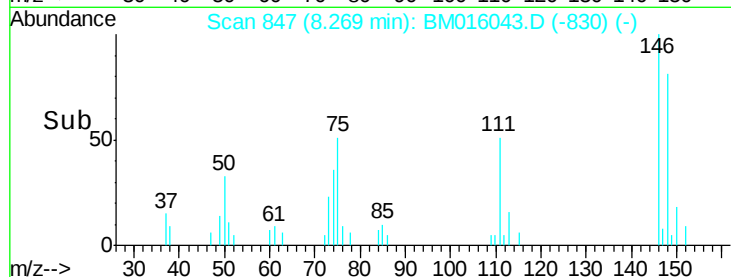
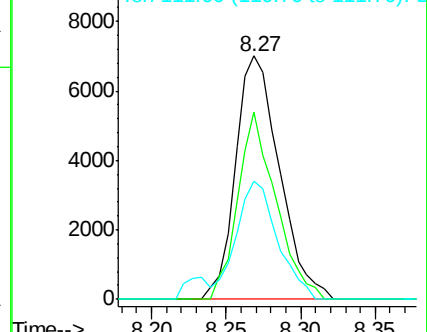
111 48.6 29.2 43.8#



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: 4.277 ng

RT: 8.58 min Scan# 900

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

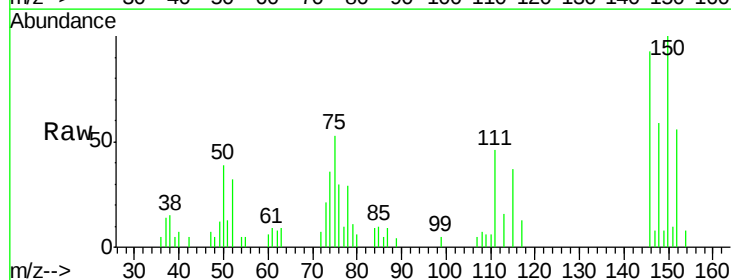
Tgt Ion:146 Resp: 13839

Ion Ratio Lower Upper

146 100

148 63.4 52.3 78.5

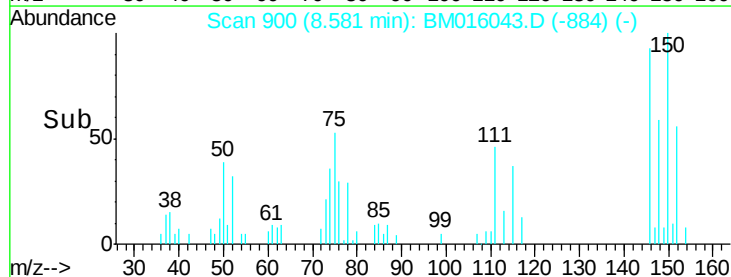
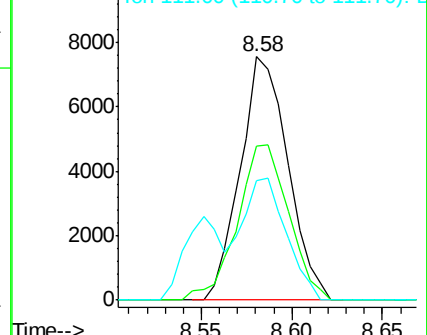
111 49.0 30.6 45.8#

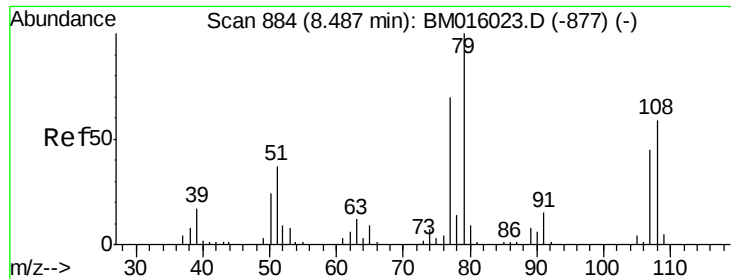


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

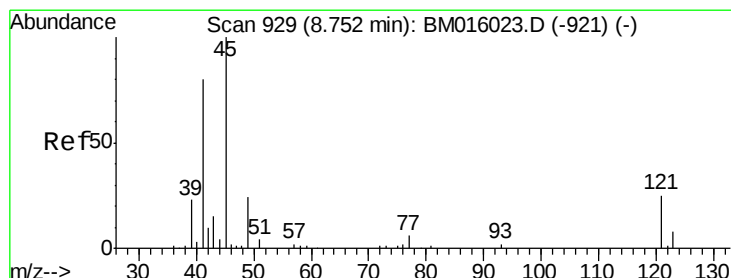
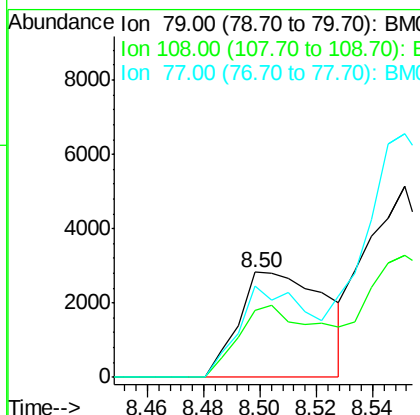
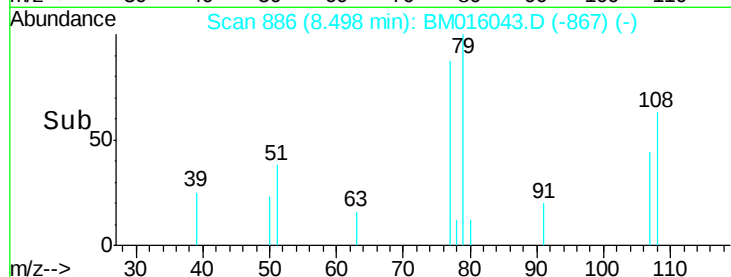
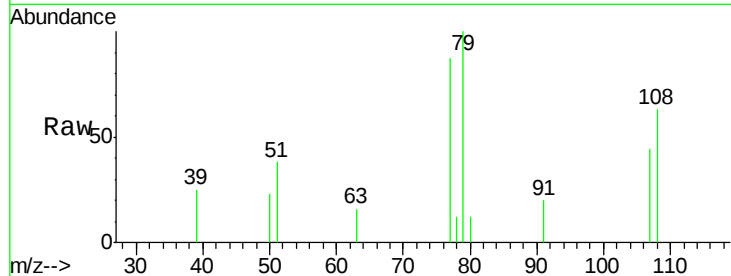




#15
Benzyl Alcohol
Concen: 2.473 ng
RT: 8.50 min Scan# 886
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

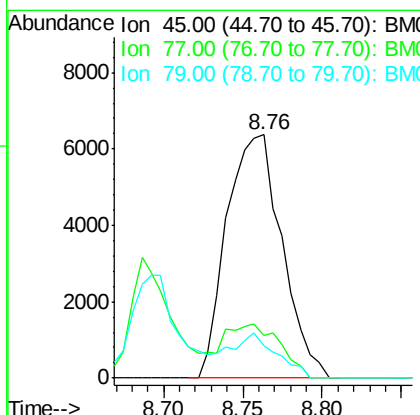
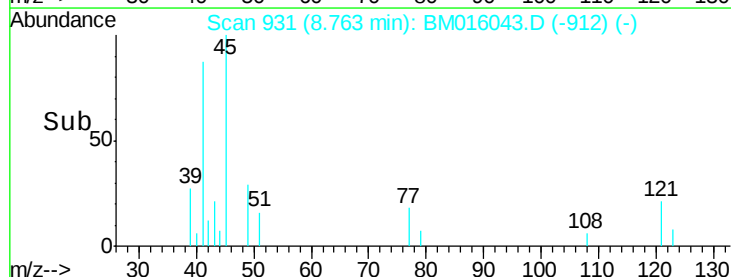
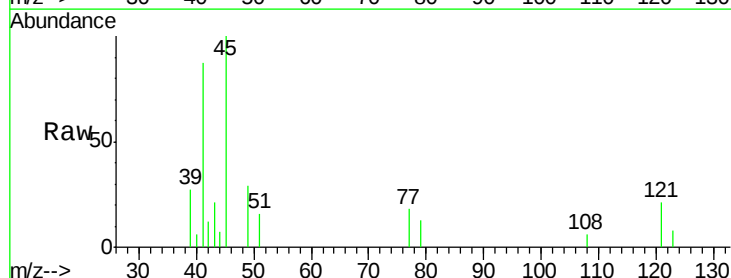
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

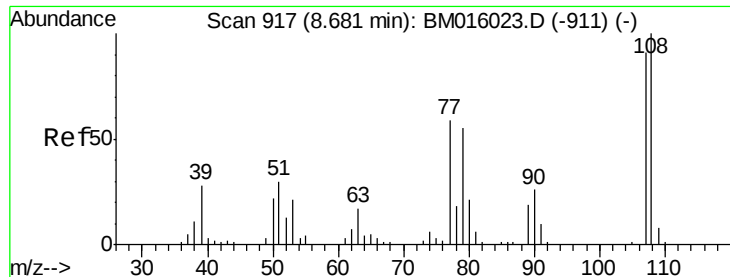
Tgt Ion: 79 Resp: 6026
Ion Ratio Lower Upper
79 100
108 63.3 65.0 97.4#
77 86.8 53.0 79.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 4.156 ng
RT: 8.76 min Scan# 931
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion: 45 Resp: 15379
Ion Ratio Lower Upper
45 100
77 17.6 0.0 35.2
79 13.1 0.0 32.0

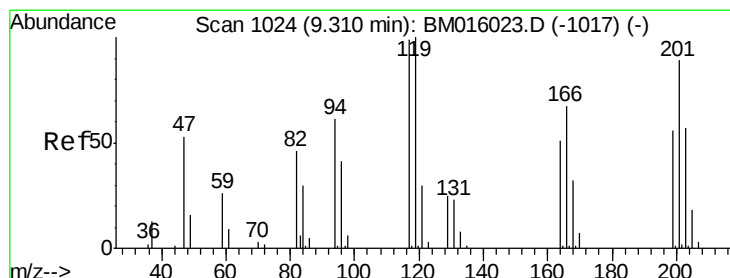
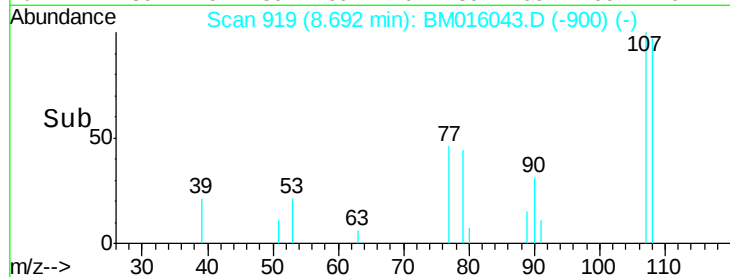
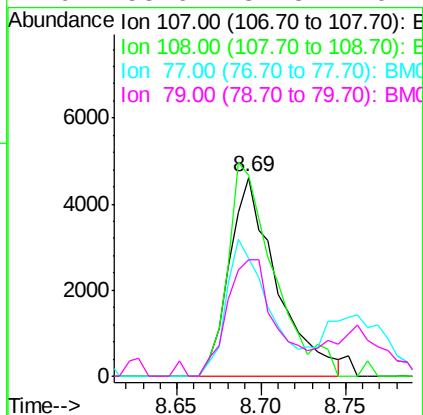
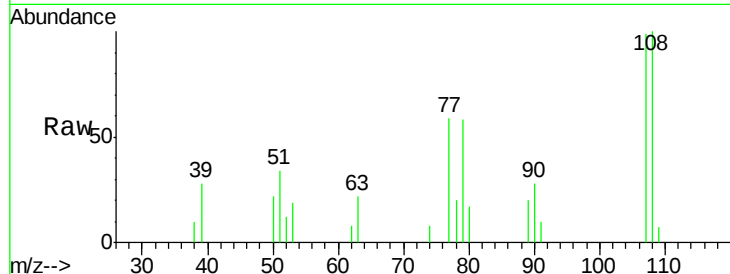




#17
2-Methylphenol
Concen: 4.314 ng
RT: 8.69 min Scan# 919
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

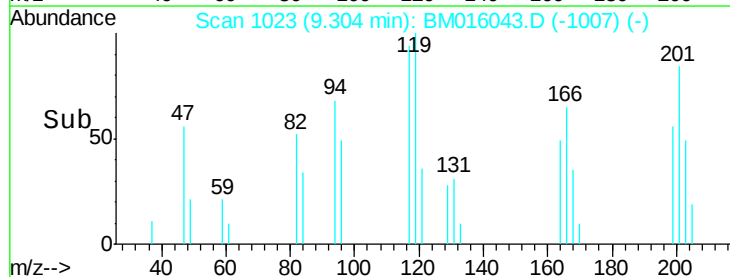
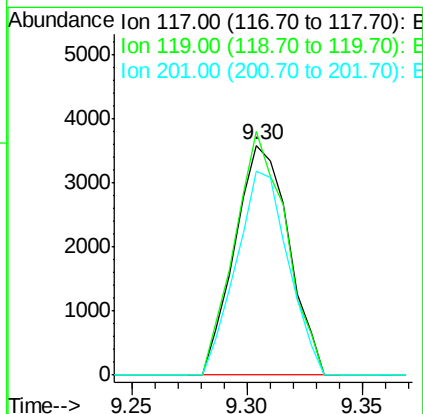
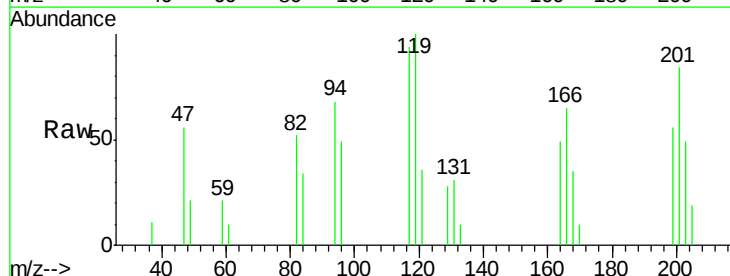
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

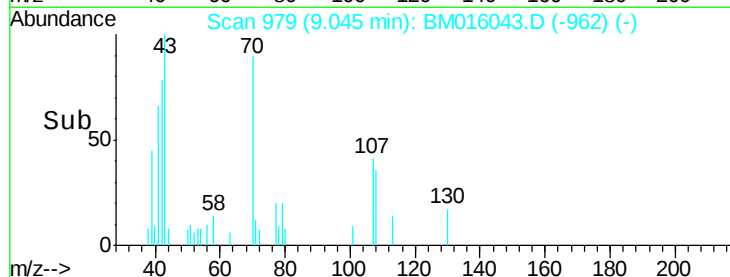
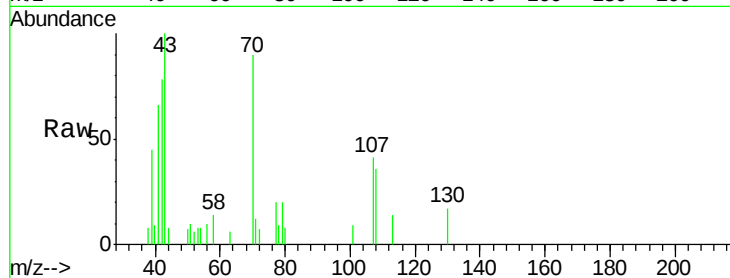
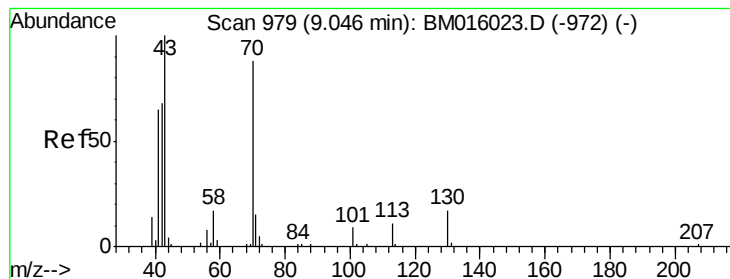
Tgt Ion:107 Resp: 9024
Ion Ratio Lower Upper
107 100
108 100.8 89.8 134.8
77 59.4 32.6 48.8#
79 58.6 32.8 49.2#



#18
Hexachloroethane
Concen: 4.090 ng
RT: 9.30 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:117 Resp: 5846
Ion Ratio Lower Upper
117 100
119 105.9 79.2 118.8
201 88.6 69.8 104.6





#19

n-Nitroso-di-n-propylamine

Concen: 3.581 ng

RT: 9.05 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion: 70 Resp: 8012

Ion Ratio Lower Upper

70 100

42 86.6 44.5 66.7#

101 9.5 7.4 11.2

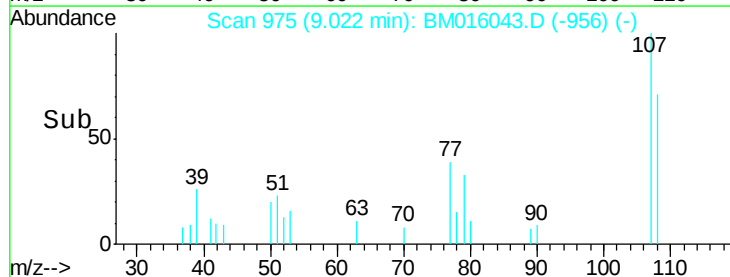
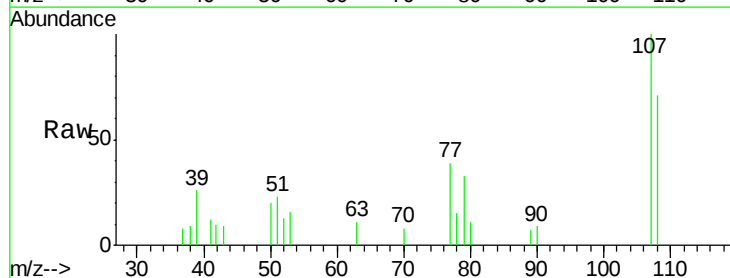
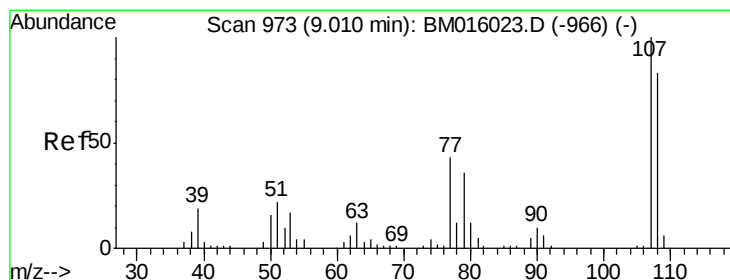
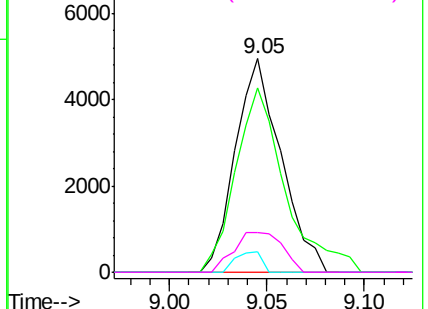
130 18.5 15.3 22.9

Abundance Ion 70.00 (69.70 to 70.70): BM016023.D (-972) (-)

Ion 42.00 (41.70 to 42.70): BM016023.D (-972) (-)

Ion 101.00 (100.70 to 101.70): BM016023.D (-972) (-)

Ion 130.00 (129.70 to 130.70): BM016023.D (-972) (-)



#20

3+4-Methylphenols

Concen: 3.282 ng

RT: 9.02 min Scan# 975

Delta R.T. 0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Tgt Ion: 107 Resp: 9878

Ion Ratio Lower Upper

107 100

108 71.1 73.2 113.2#

77 38.6 10.7 50.7

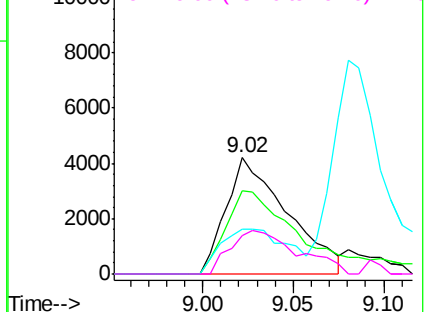
79 33.4 9.6 49.6

Abundance Ion 107.00 (106.70 to 107.70): BM016023.D (-966) (-)

Ion 108.00 (107.70 to 108.70): BM016023.D (-966) (-)

Ion 77.00 (76.70 to 77.70): BM016023.D (-966) (-)

Ion 79.00 (78.70 to 79.70): BM016023.D (-966) (-)

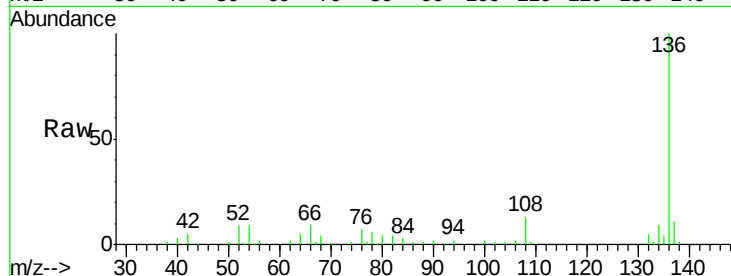




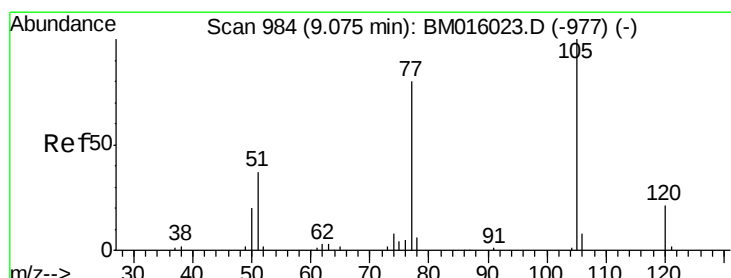
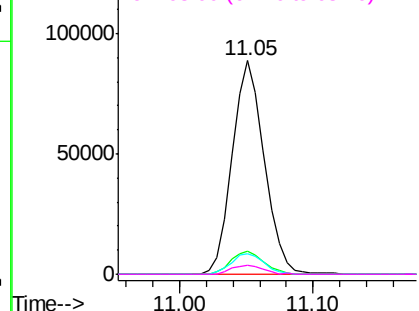
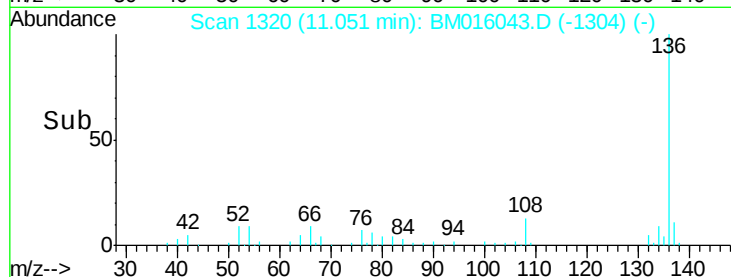
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

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

Tgt Ion:136 Resp: 148518
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.4 4.6 6.8#
68 4.0 3.7 5.5

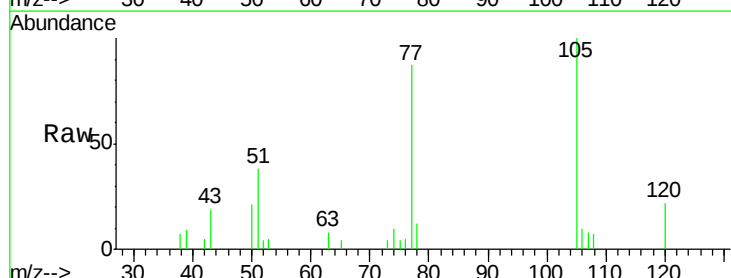


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

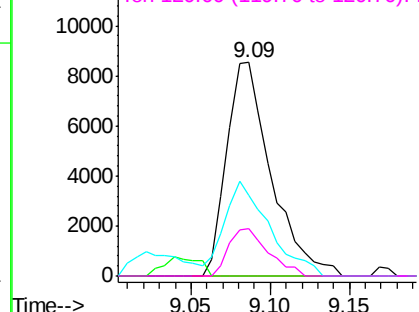
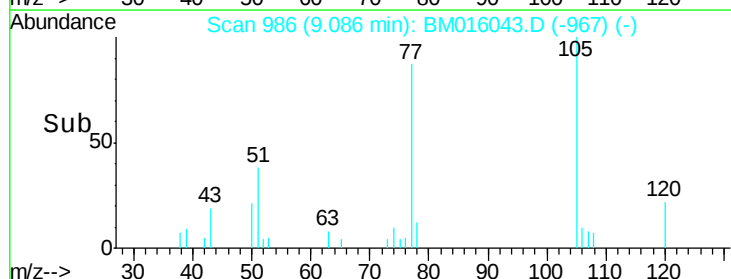


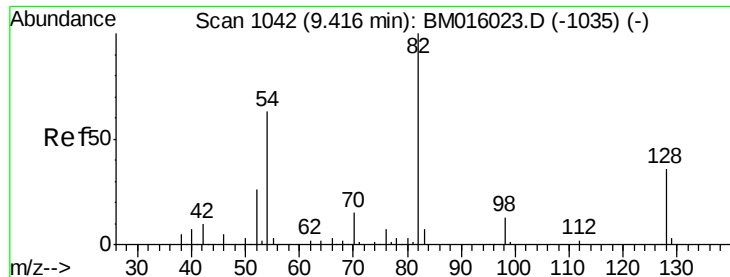
#22
Acetophenone
Concen: 4.447 ng
RT: 9.09 min Scan# 986
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:105 Resp: 16629
Ion Ratio Lower Upper
105 100
71 0.0 0.6 1.0#
51 37.6 21.6 32.4#
120 22.3 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

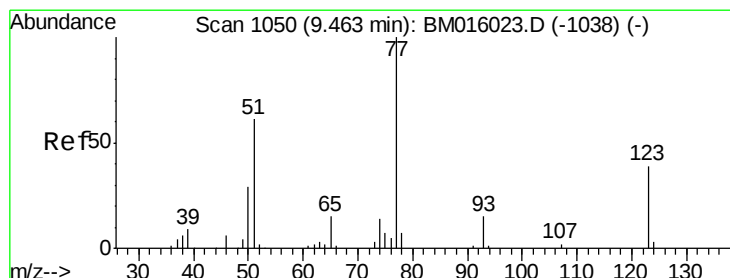
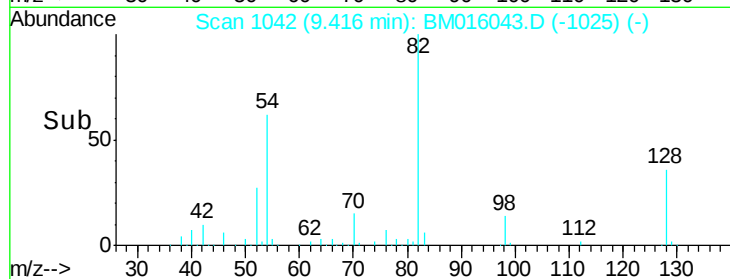
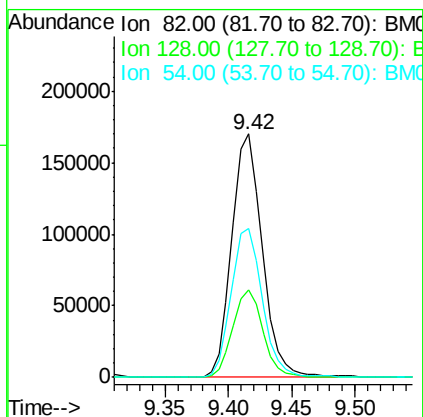
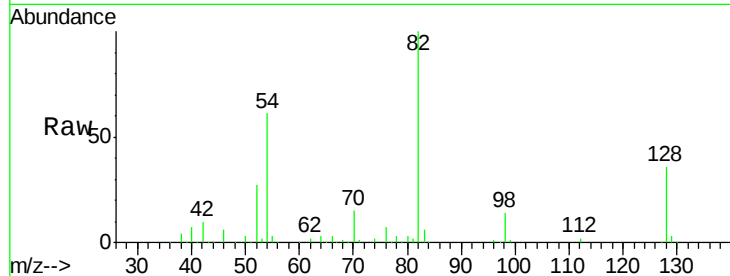




#23
 Nitrobenzene-d5
 Concen: 4.447 ng
 RT: 9.42 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

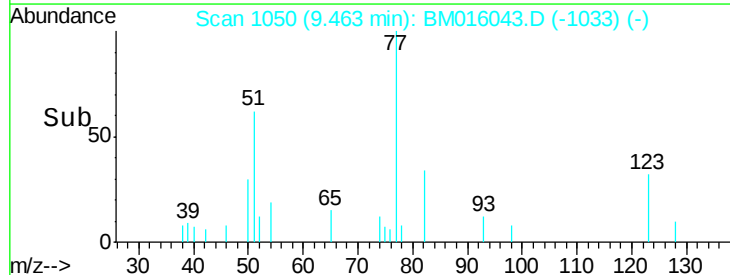
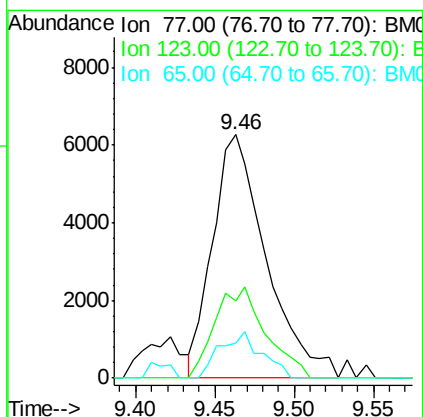
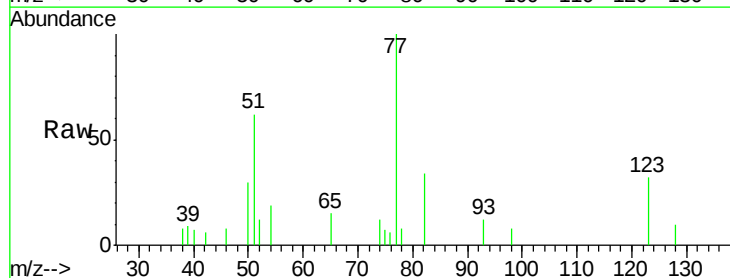
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

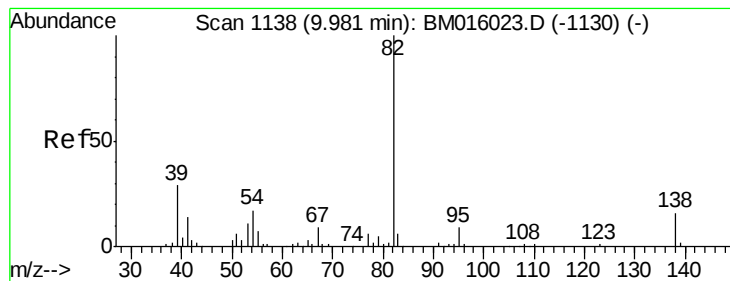
Tgt Ion: 82 Resp: 284013
 Ion Ratio Lower Upper
 82 100
 128 35.8 32.8 49.2
 54 61.3 40.6 60.8#



#24
 Nitrobenzene
 Concen: 4.573 ng
 RT: 9.46 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 77 Resp: 14699
 Ion Ratio Lower Upper
 77 100
 123 32.0 32.6 49.0#
 65 14.6 10.9 16.3





#25

Isophorone

Concen: 4.684 ng

RT: 9.97 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

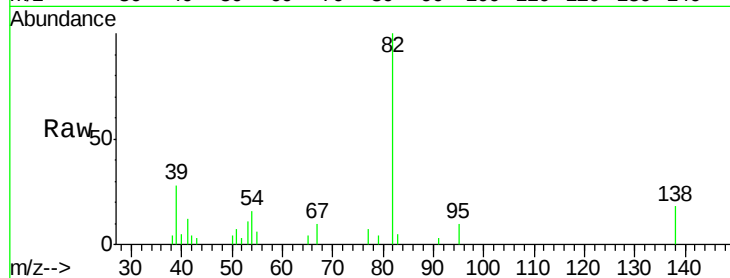
Tgt Ion: 82 Resp: 20460

Ion Ratio Lower Upper

82 100

95 9.9 5.8 8.6#

138 18.0 16.3 24.5



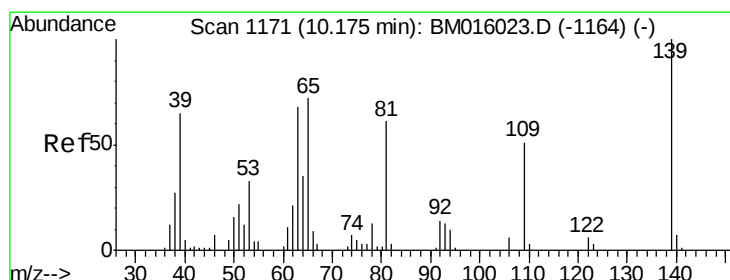
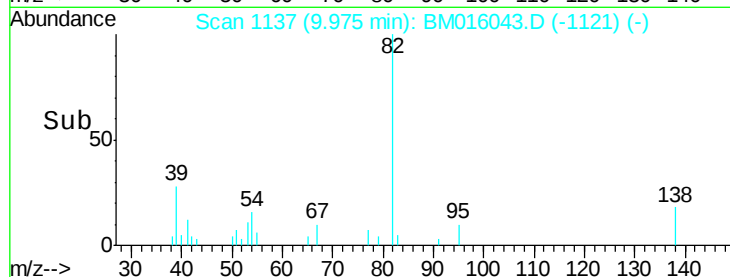
Abundance Ion 82.00 (81.70 to 82.70): BM016023.D (-1130) (-)

Ion 95.00 (94.70 to 95.70): BM016023.D (-1130) (-)

Ion 138.00 (137.70 to 138.70): BM016023.D (-1130) (-)

Time-->

9.90 9.95 10.00 10.05



#26

2-Nitrophenol

Concen: 3.294 ng

RT: 10.19 min Scan# 1174

Delta R.T. 0.02 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

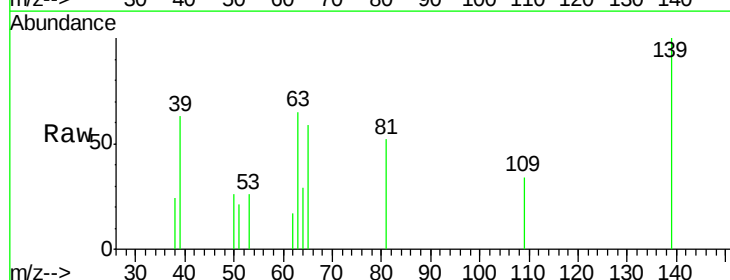
Tgt Ion: 139 Resp: 4420

Ion Ratio Lower Upper

139 100

109 33.9 20.1 30.1#

65 59.4 31.5 47.3#



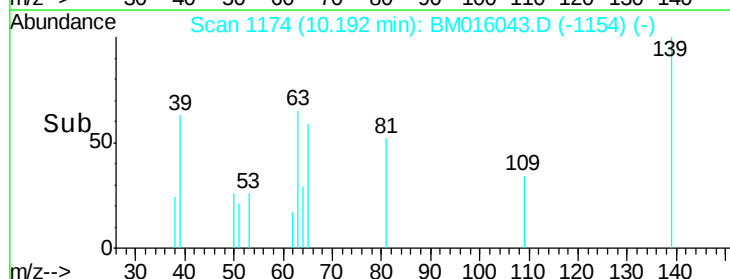
Abundance Ion 139.00 (138.70 to 139.70): BM016023.D (-1164) (-)

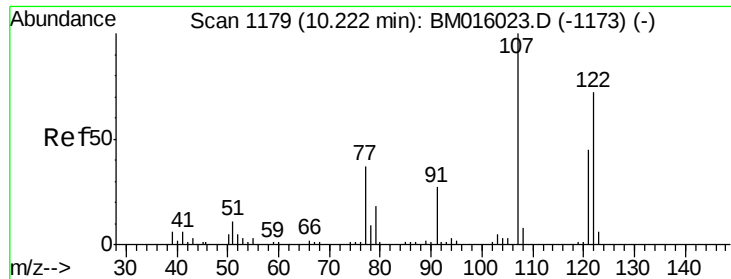
Ion 109.00 (108.70 to 109.70): BM016023.D (-1164) (-)

Ion 65.00 (64.70 to 65.70): BM016023.D (-1164) (-)

Time-->

10.15 10.20 10.25

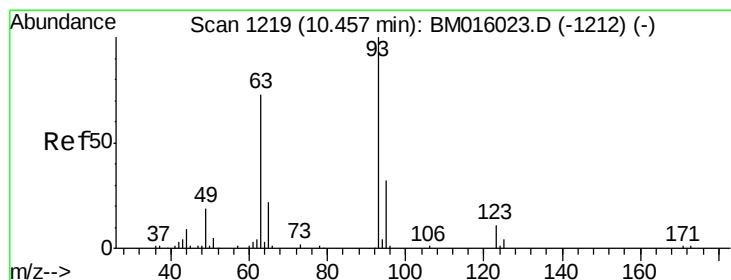
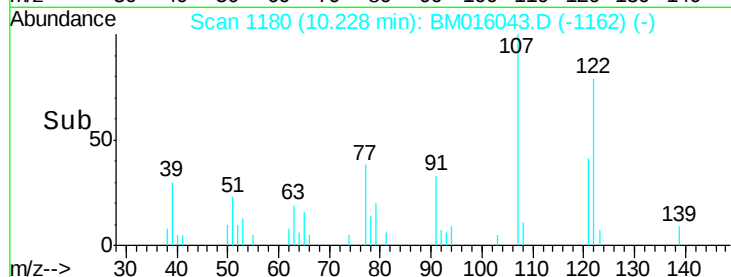
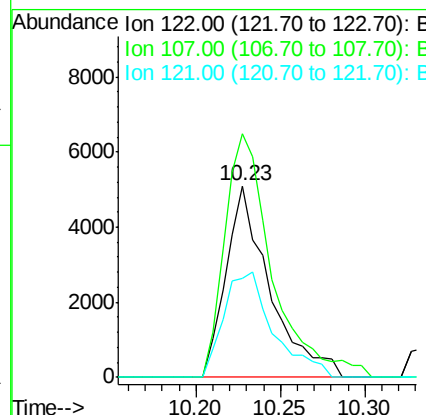
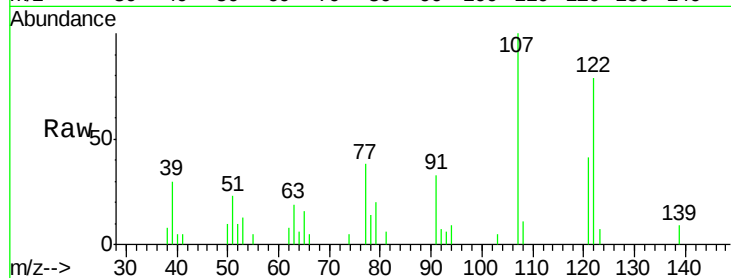




#27
 2,4-Dimethylphenol
 Concen: 4.903 ng
 RT: 10.23 min Scan# 1180
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

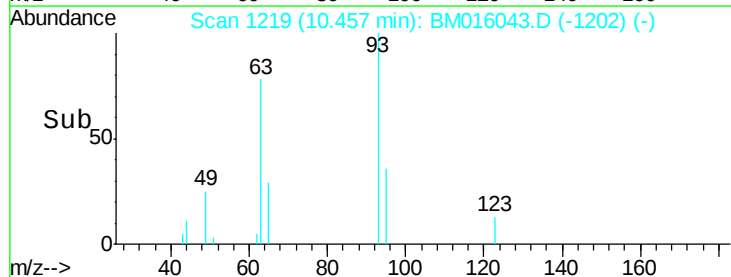
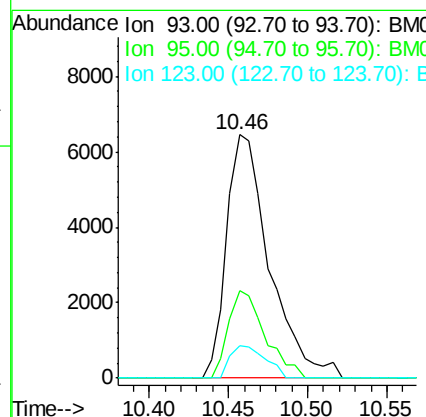
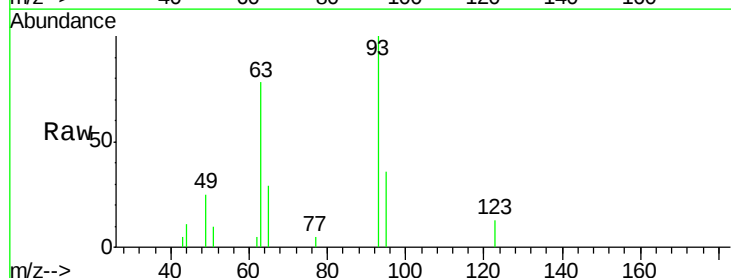
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

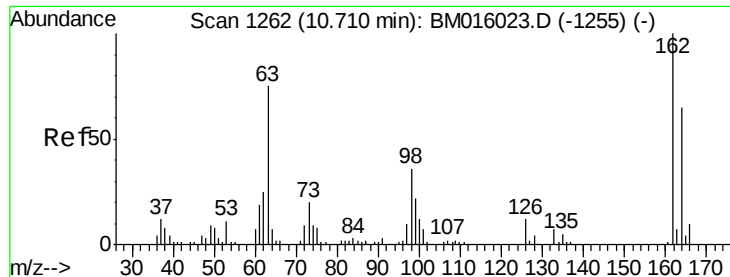
Tgt Ion:122 Resp: 9166
 Ion Ratio Lower Upper
 122 100
 107 127.1 84.7 127.1
 121 51.5 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.271 ng
 RT: 10.46 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 93 Resp: 12126
 Ion Ratio Lower Upper
 93 100
 95 35.7 25.5 38.3
 123 13.3 8.6 13.0#

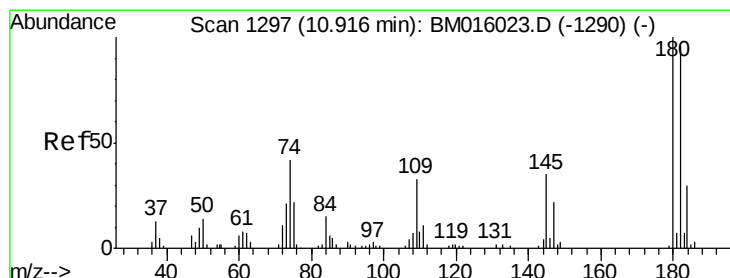
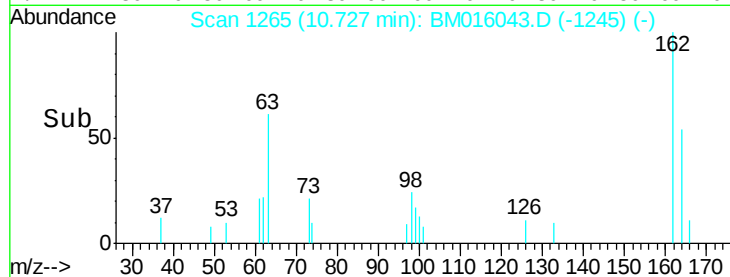
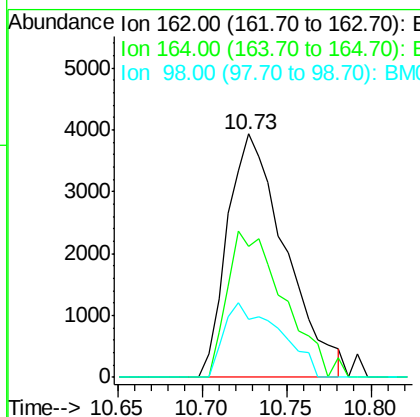
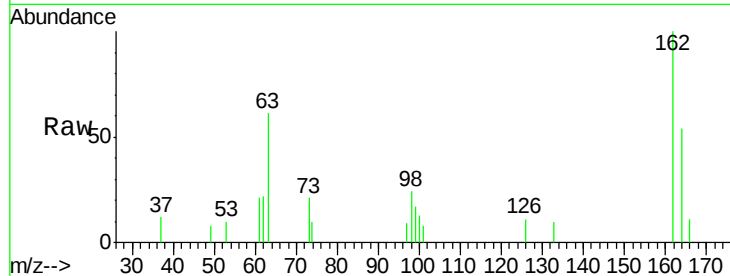




#29
 2,4-Dichlorophenol
 Concen: 4.229 ng
 RT: 10.73 min Scan# 1265
 Delta R.T. 0.02 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

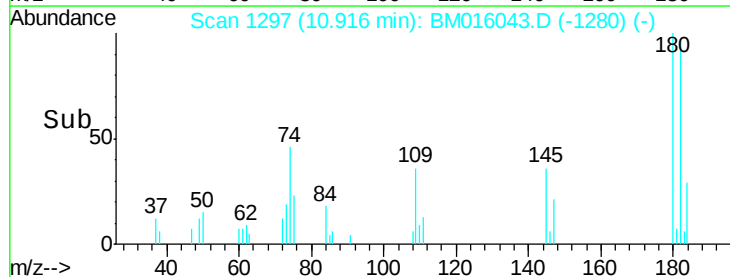
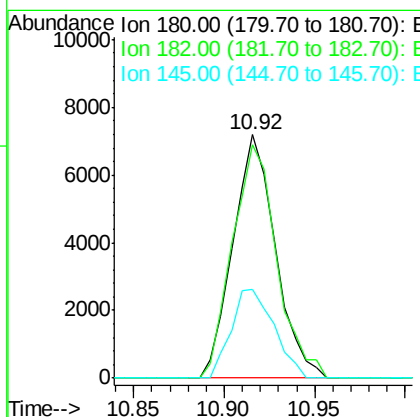
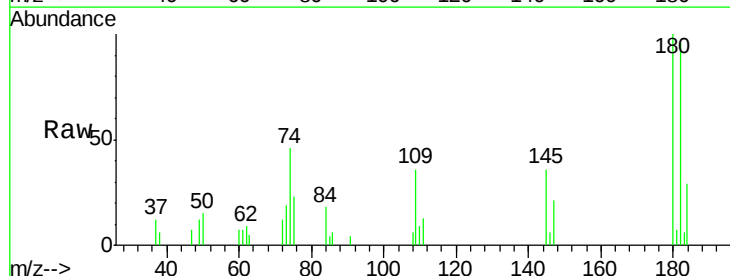
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

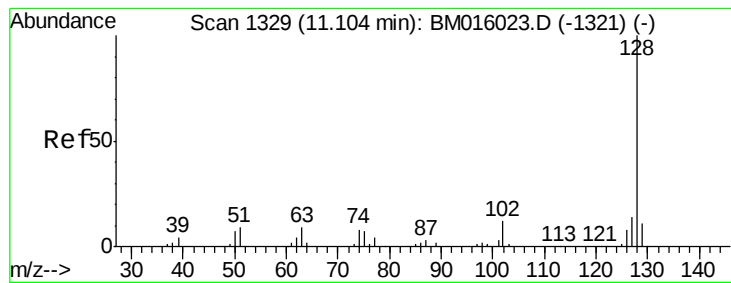
Tgt Ion:162 Resp: 9393
 Ion Ratio Lower Upper
 162 100
 164 53.6 42.8 82.8
 98 23.8 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 4.342 ng
 RT: 10.92 min Scan# 1297
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:180 Resp: 11719
 Ion Ratio Lower Upper
 180 100
 182 95.9 77.6 116.4
 145 36.2 23.4 35.2#





#31

Naphthalene

Concen: 4.890 ng

RT: 11.10 min Scan# 1329

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

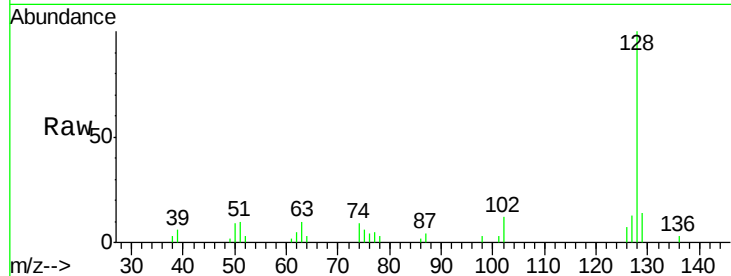
Tgt Ion:128 Resp: 36760

Ion Ratio Lower Upper

128 100

129 14.2 8.9 13.3#

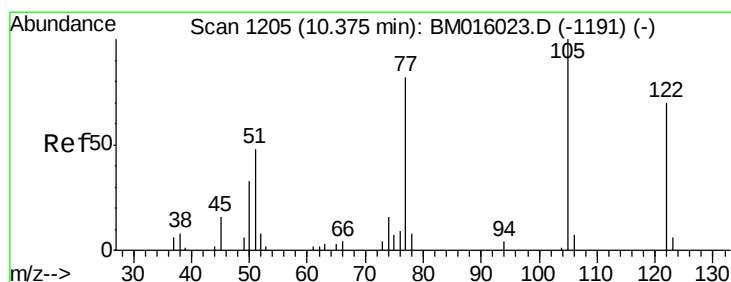
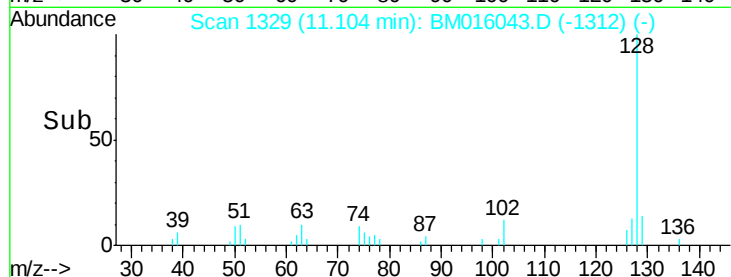
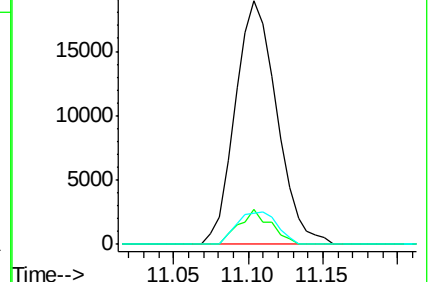
127 12.9 10.4 15.6



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: 2.323 ng

RT: 10.35 min Scan# 1200

Delta R.T. -0.03 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

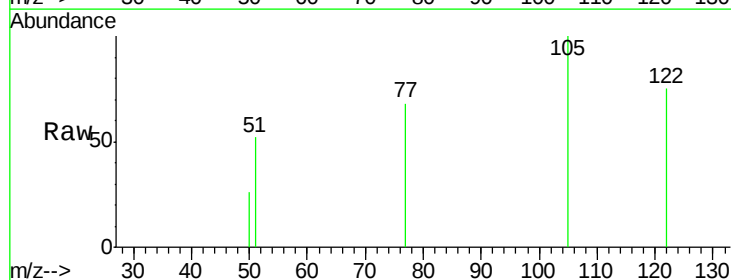
Tgt Ion:122 Resp: 3310

Ion Ratio Lower Upper

122 100

105 133.3 99.9 139.9

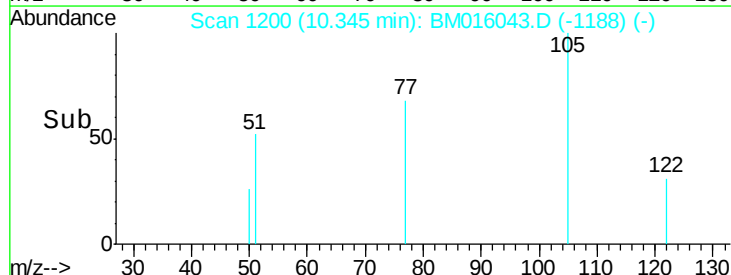
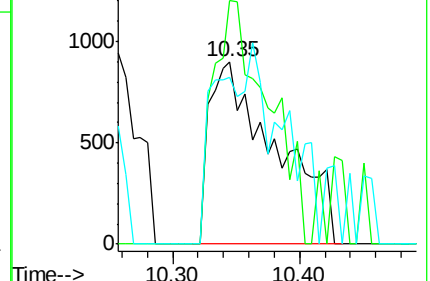
77 91.1 73.7 113.7



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

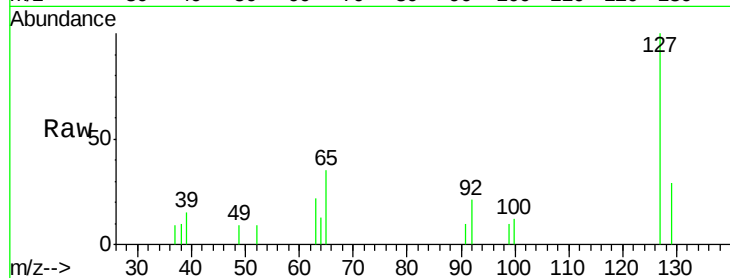




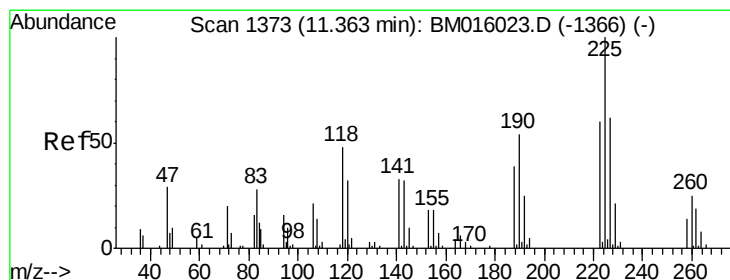
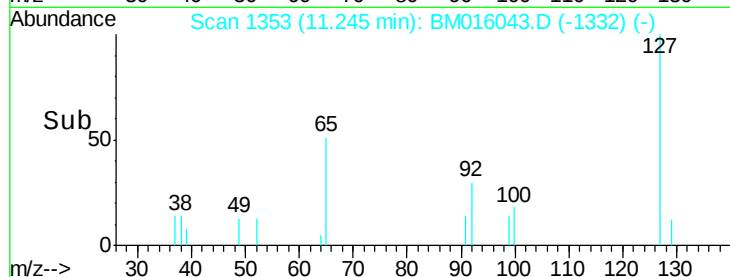
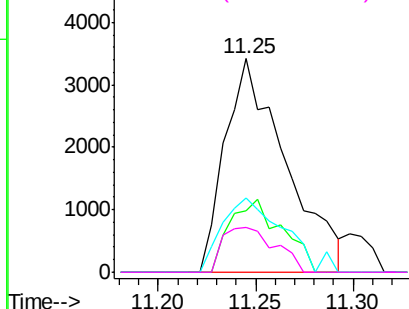
#33
4-Chloroaniline
Concen: 2.399 ng
RT: 11.25 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

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

Tgt Ion:127 Resp: 7359
Ion Ratio Lower Upper
127 100
129 28.7 25.3 37.9
65 34.7 17.6 26.4#
92 20.7 13.1 19.7#

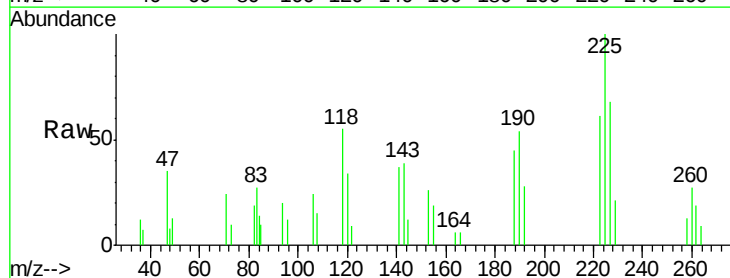


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

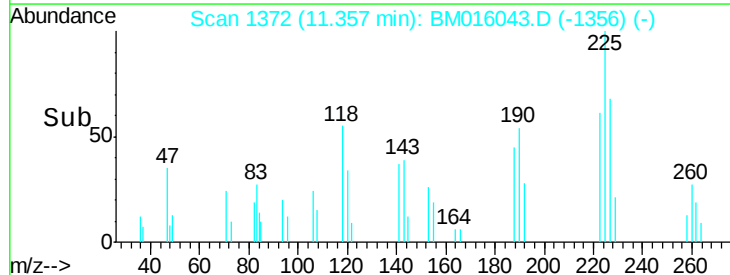
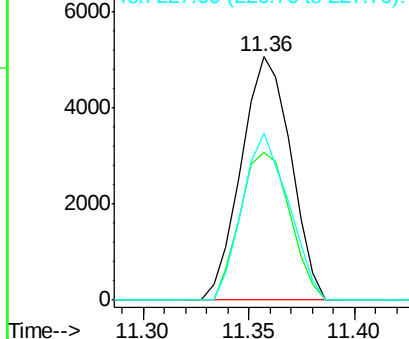


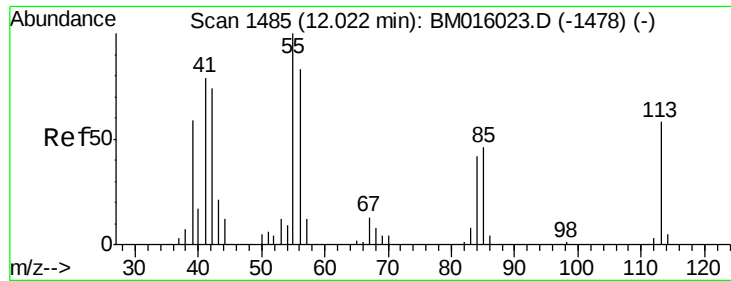
#34
Hexachlorobutadiene
Concen: 4.413 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:225 Resp: 8261
Ion Ratio Lower Upper
225 100
223 60.5 47.9 71.9
227 68.3 50.1 75.1



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





#35

Caprolactam

Concen: 1.856 ng

RT: 12.01 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

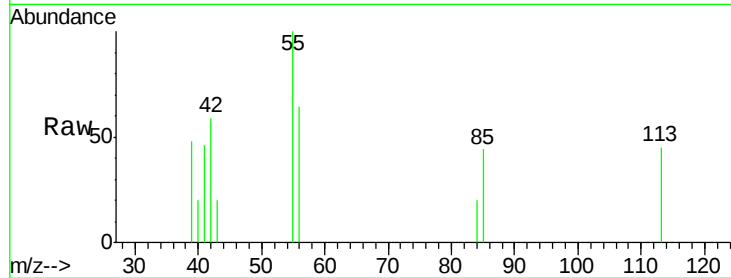
Tgt Ion:113 Resp: 1142

Ion Ratio Lower Upper

113 100

55 222.0 145.9 185.9#

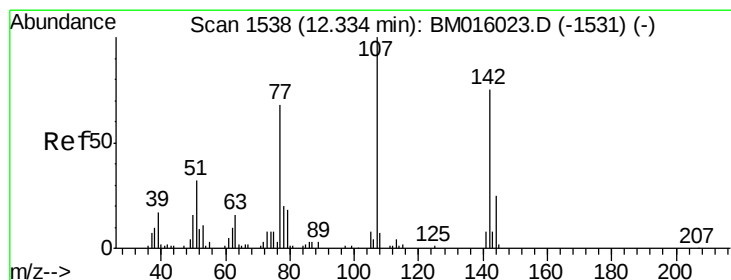
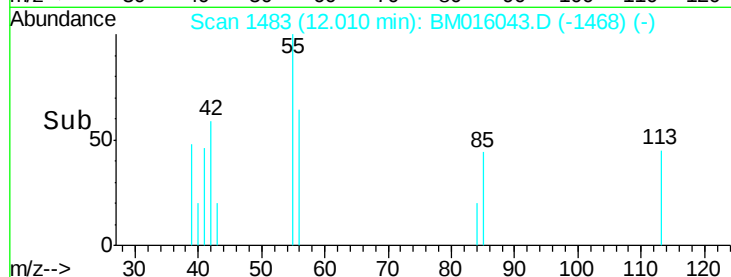
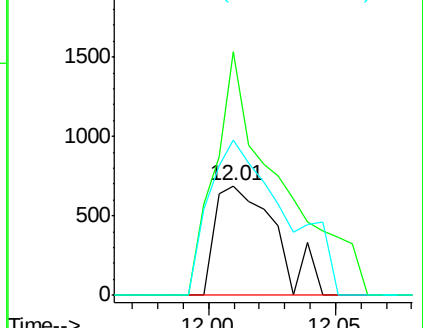
56 141.4 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 3.818 ng

RT: 12.34 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

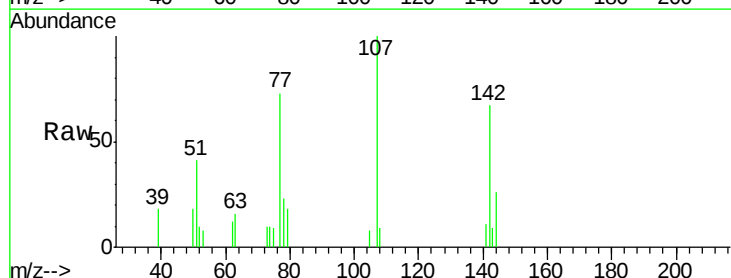
Tgt Ion:107 Resp: 9327

Ion Ratio Lower Upper

107 100

144 26.5 23.3 34.9

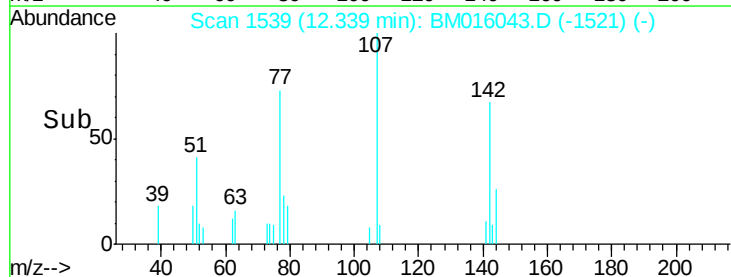
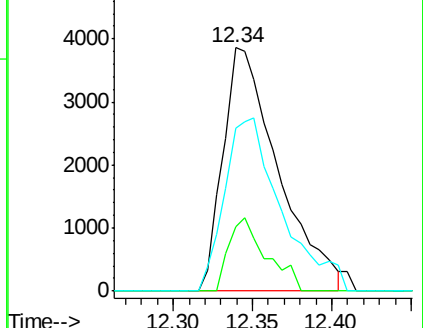
142 66.9 72.6 109.0#

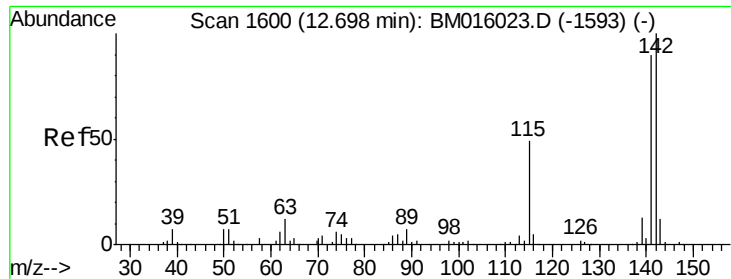


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

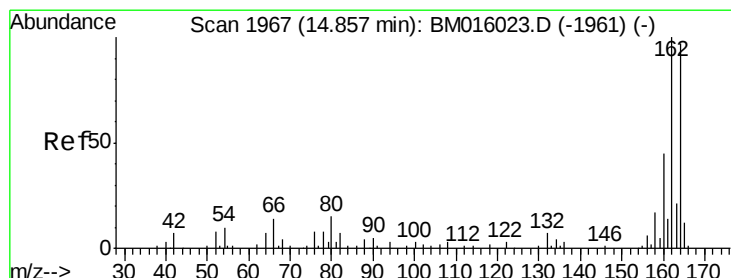
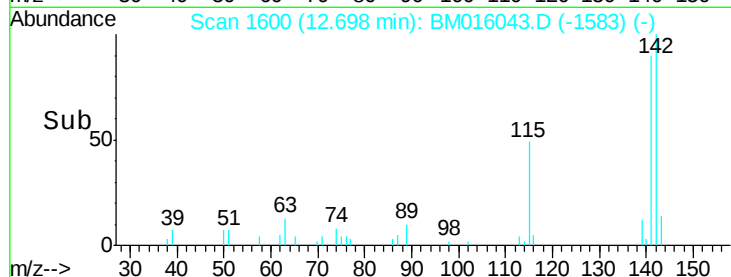
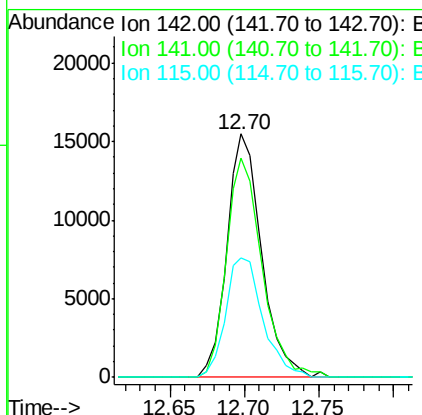
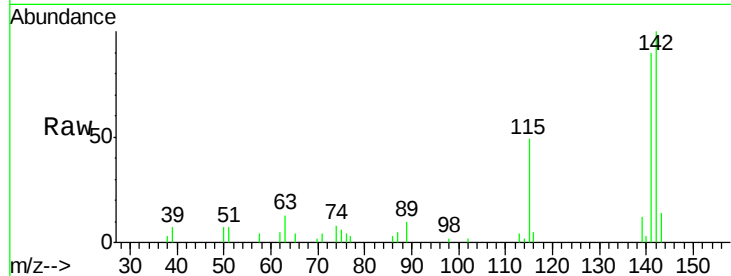




#37
 2-Methylnaphthalene
 Concen: 5.019 ng
 RT: 12.70 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

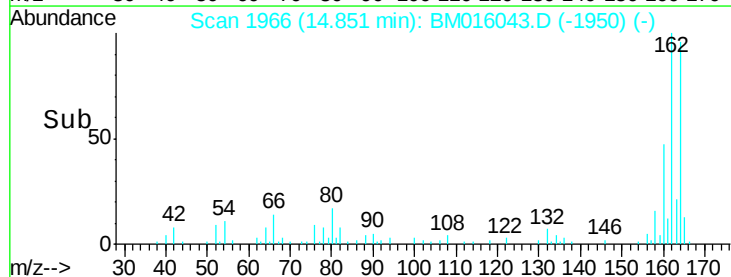
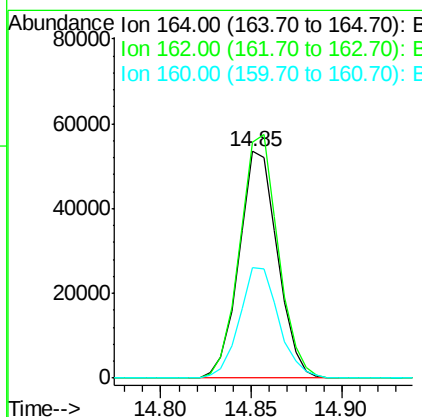
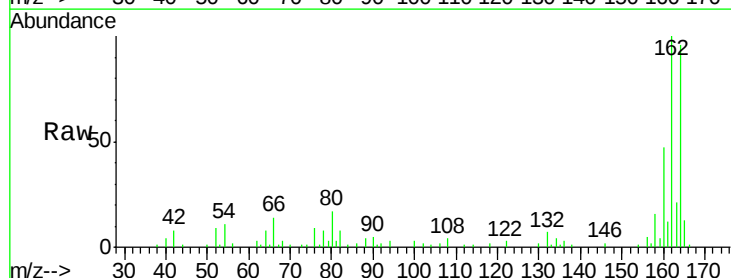
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

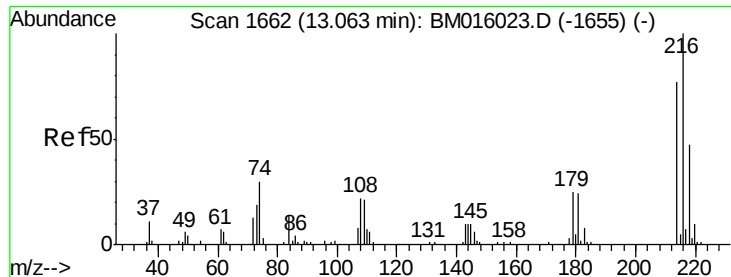
Tgt Ion:142 Resp: 25273
 Ion Ratio Lower Upper
 142 100
 141 90.3 71.9 107.9
 115 48.9 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.85 min Scan# 1966
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:164 Resp: 78745
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.4 123.6
 160 48.7 35.8 53.6

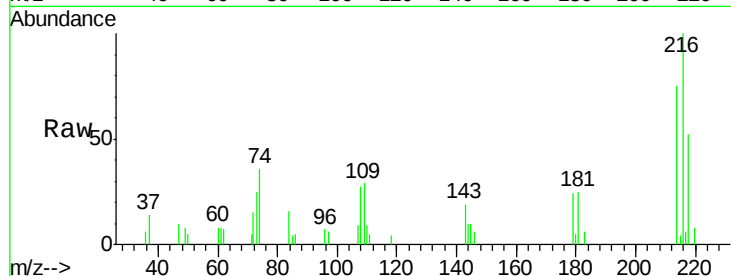




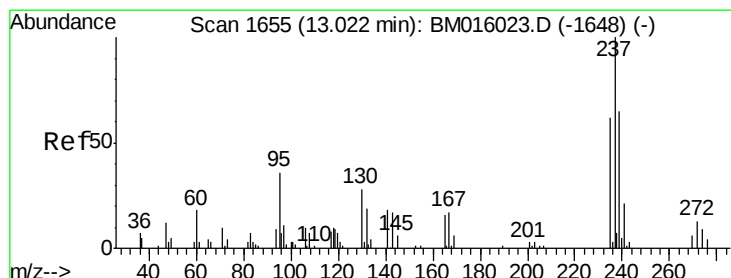
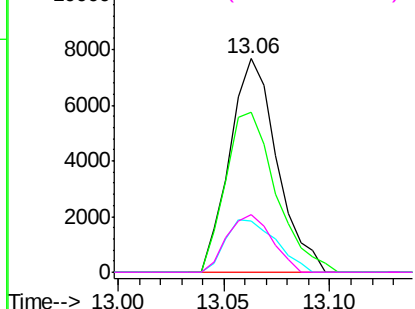
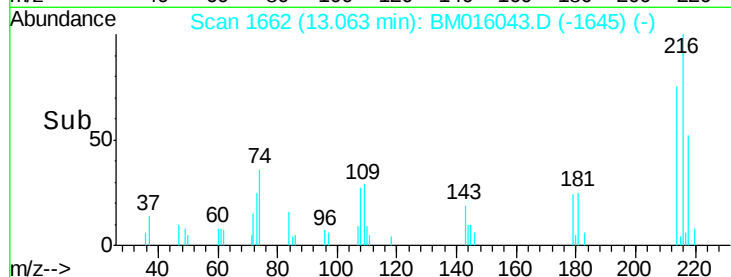
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.434 ng
 RT: 13.06 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion: 216 Resp: 11887
 Ion Ratio Lower Upper
 216 100
 214 80.1 0.0 0.0#
 179 26.1 0.0 0.0#
 108 25.5 0.0 0.0#

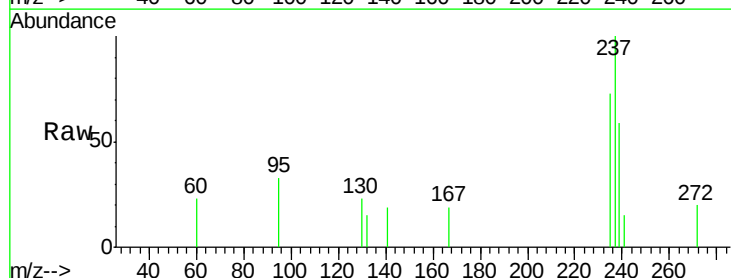


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

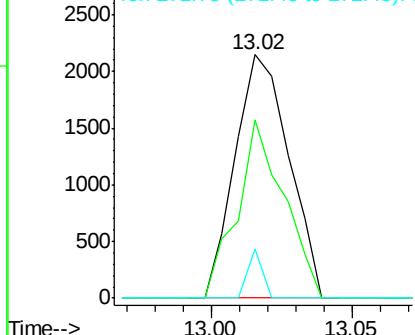
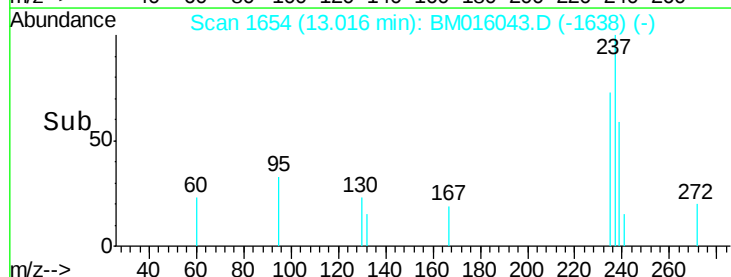


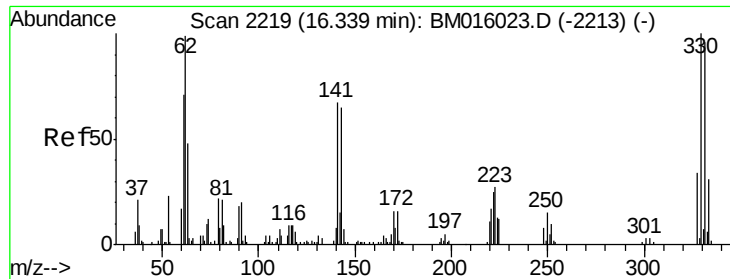
#40
 Hexachlorocyclopentadiene
 Concen: 9.624 ng
 RT: 13.02 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 237 Resp: 2840
 Ion Ratio Lower Upper
 237 100
 235 73.2 42.0 82.0
 272 20.3 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

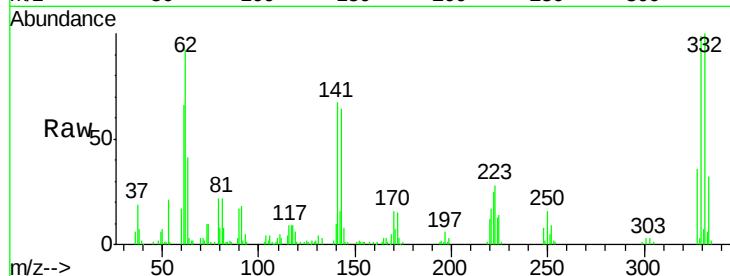




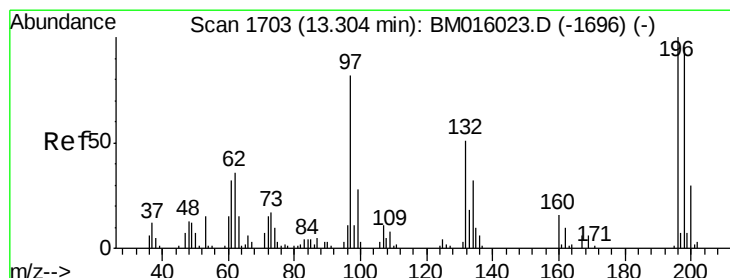
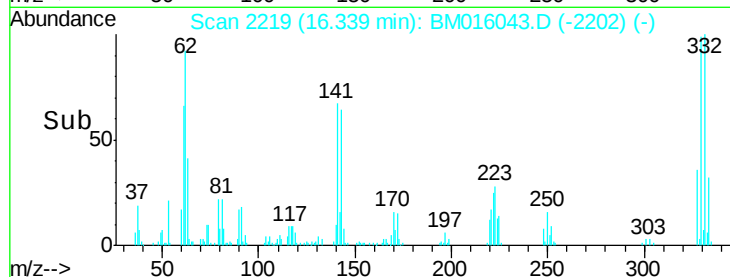
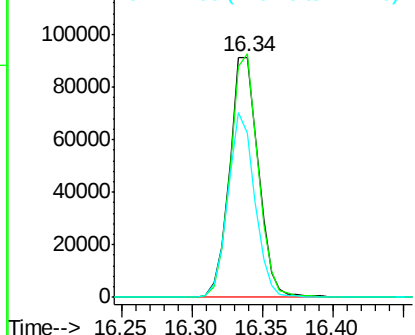
#41
 2,4,6-Tribromophenol
 Concen: 9.624 ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion: 330 Resp: 129901
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 71.5 0.0 0.0#

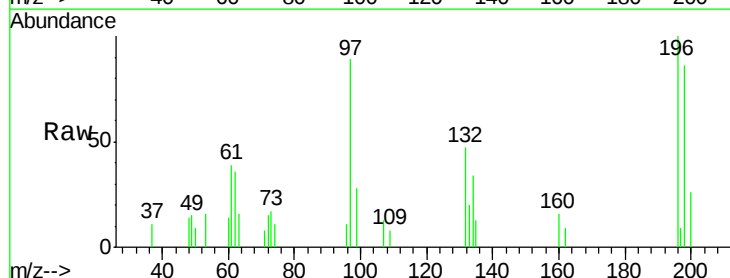


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

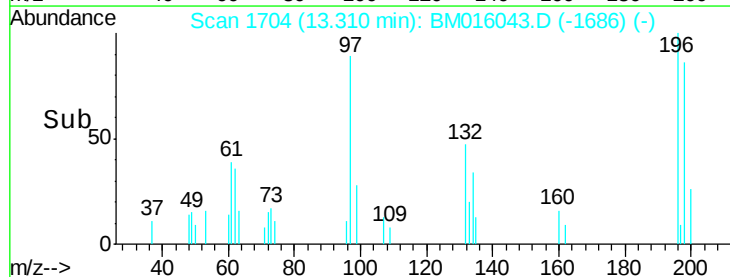
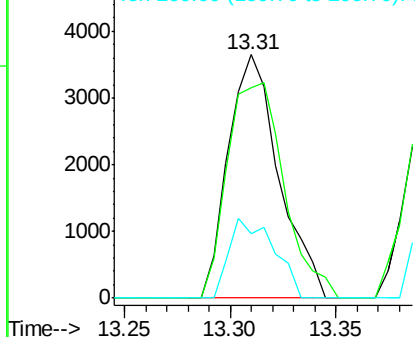


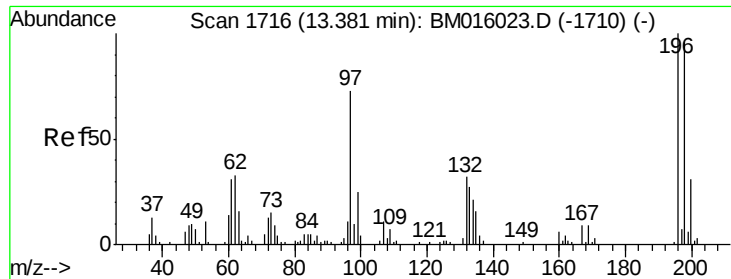
#42
 2,4,6-Trichlorophenol
 Concen: 3.623 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 196 Resp: 6077
 Ion Ratio Lower Upper
 196 100
 198 86.3 76.3 114.5
 200 26.4 25.6 38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

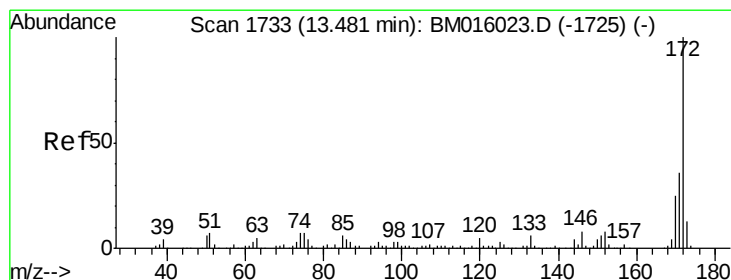
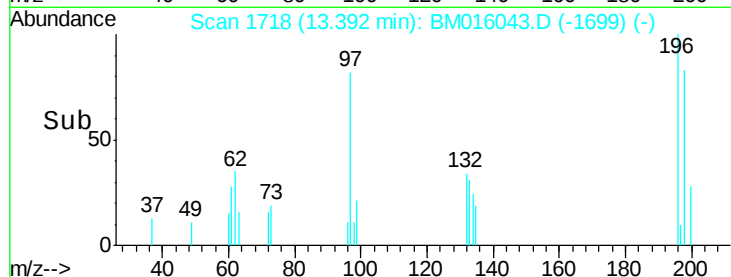
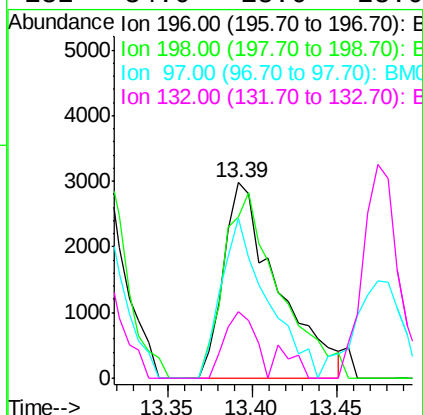
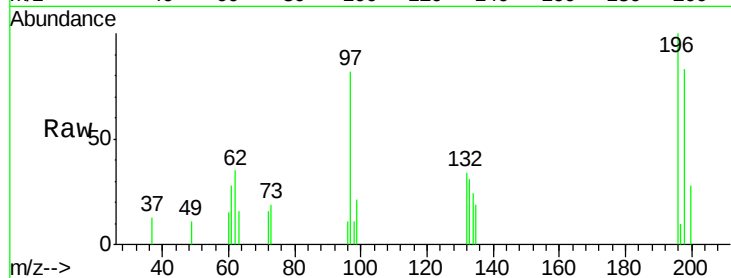




#43
 2,4,5-Trichlorophenol
 Concen: 3.839 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

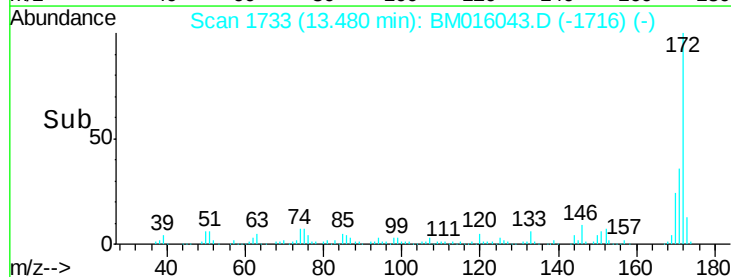
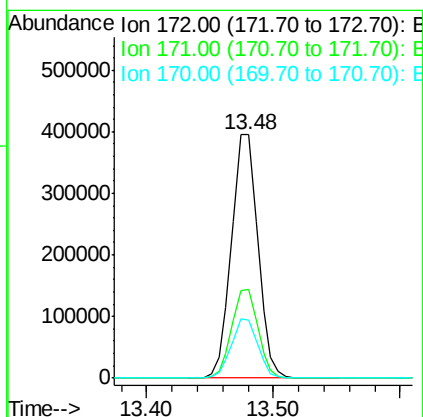
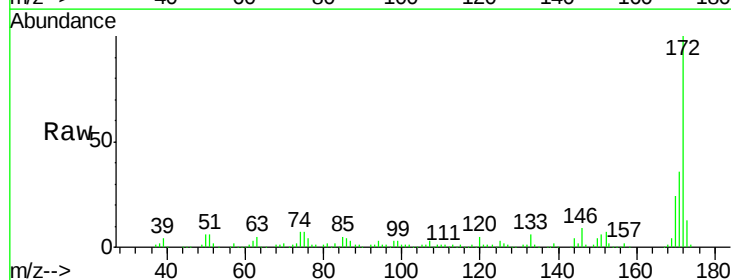
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

Tgt Ion:196 Resp: 6642
 Ion Ratio Lower Upper
 196 100
 198 82.5 79.4 119.0
 97 82.0 26.8 40.2#
 132 34.0 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 3.839 ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:172 Resp: 570386
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 23.9 18.8 28.2

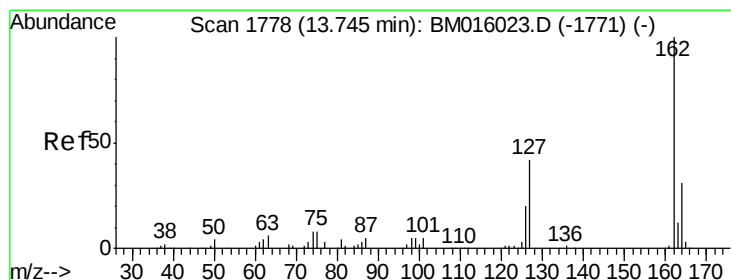
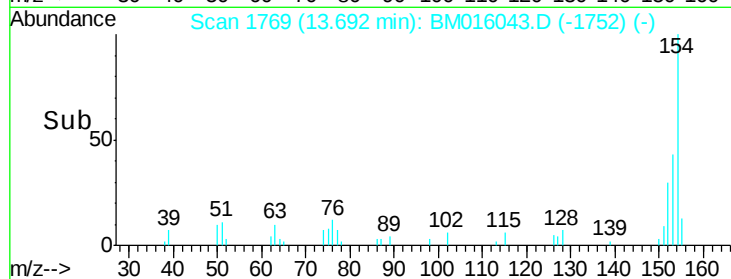
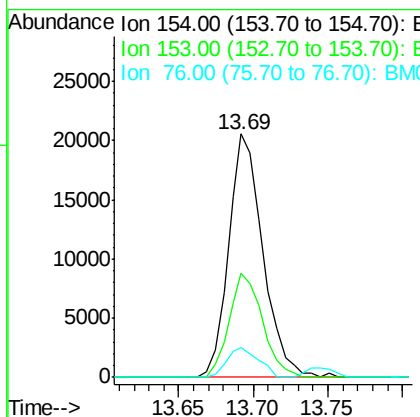
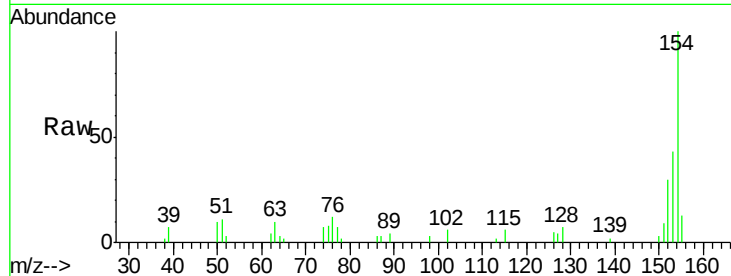




#45
 1,1'-Biphenyl
 Concen: 4.624 ng
 RT: 13.69 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

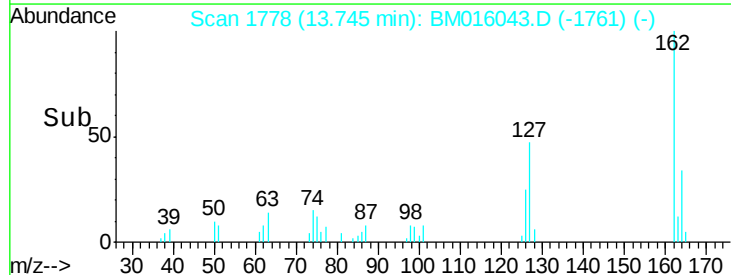
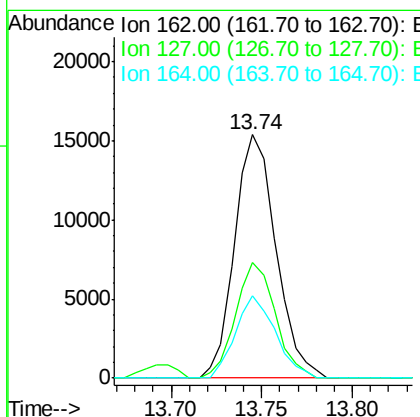
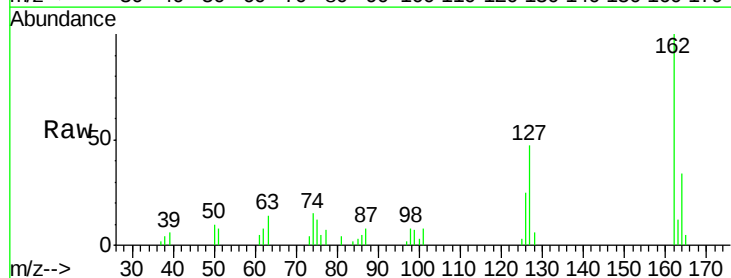
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

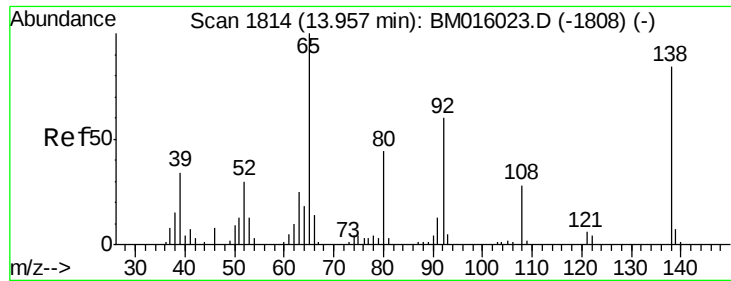
Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	20.7	60.7
76	12.0	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 4.419 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion	Ratio	Lower	Upper
162	100		
127	47.5	26.9	40.3#
164	34.1	26.8	40.2

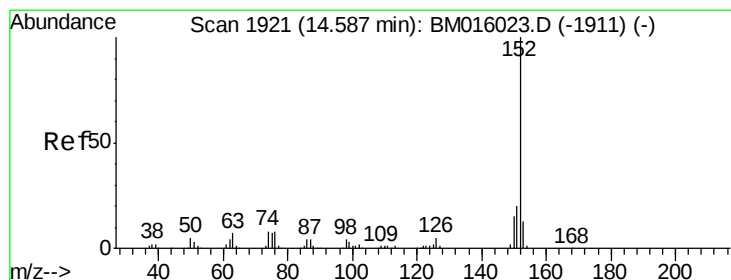
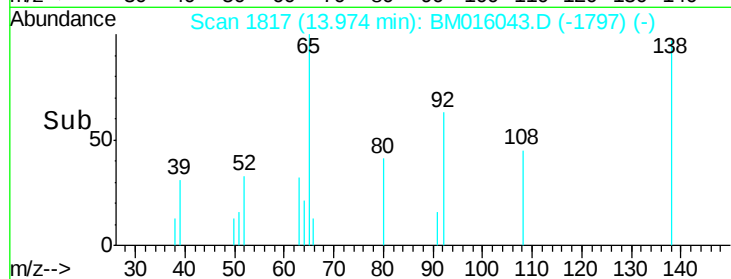
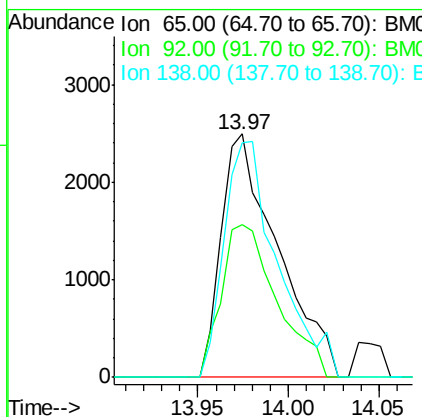
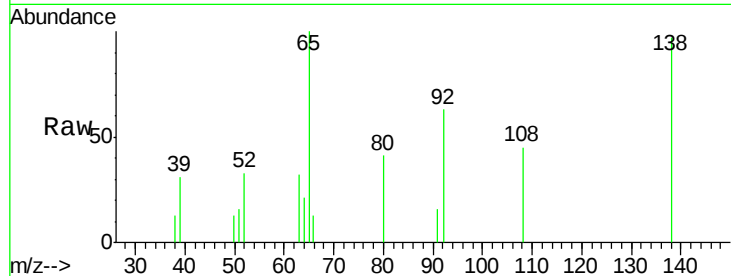




#47
2-Nitroaniline
Concen: 2.966 ng
RT: 13.97 min Scan# 1817
Delta R.T. 0.02 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

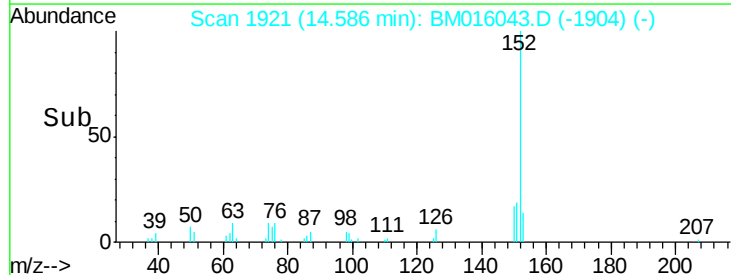
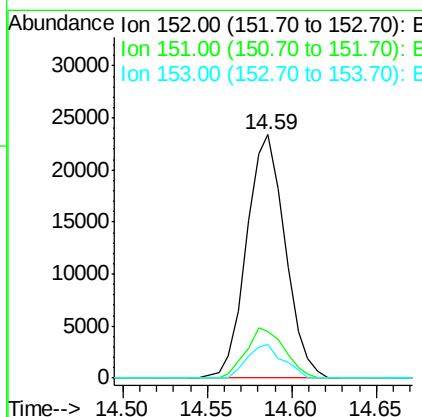
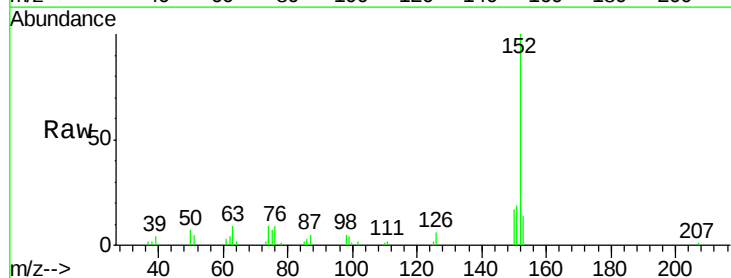
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

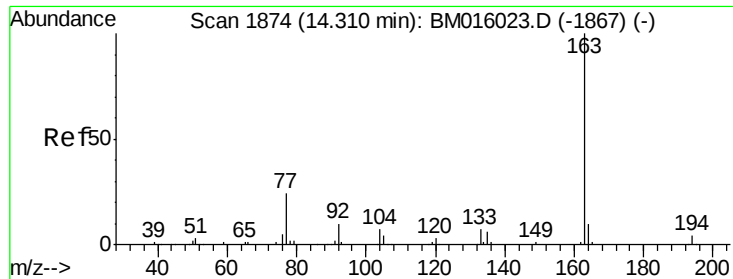
Tgt Ion: 65 Resp: 5420
Ion Ratio Lower Upper
65 100
92 62.8 59.1 88.7
138 96.5 93.9 140.9



#48
Acenaphthylene
Concen: 4.592 ng
RT: 14.59 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion: 152 Resp: 37155
Ion Ratio Lower Upper
152 100
151 19.2 15.9 23.9
153 14.0 10.6 16.0





#49

Dimethylphthalate

Concen: 4.540 ng

RT: 14.30 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

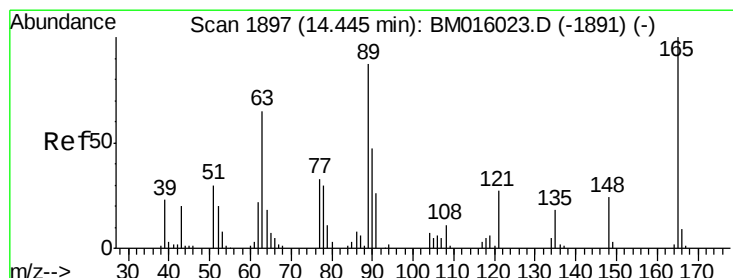
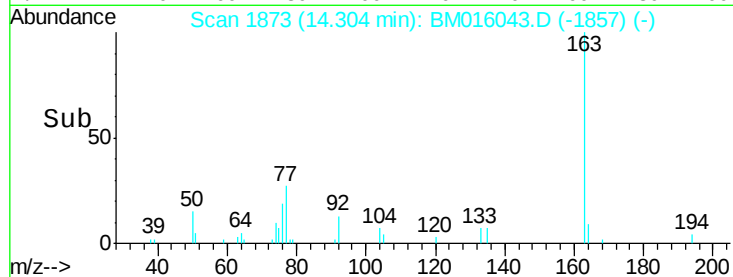
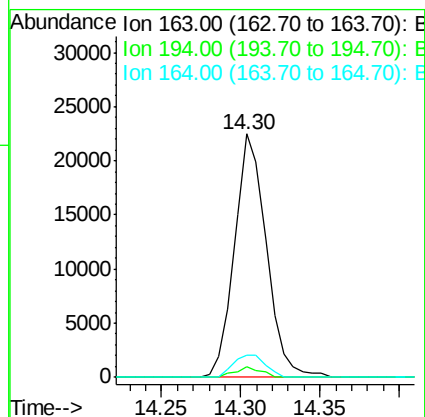
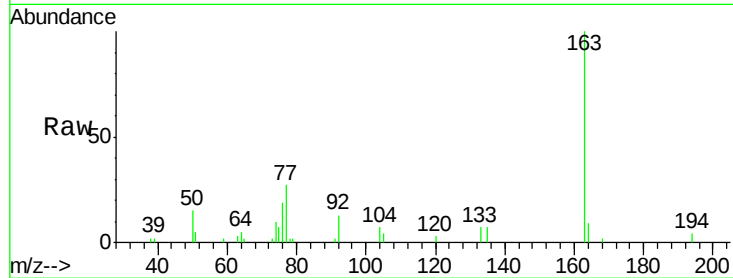
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion:	163	Resp:	31289
Ion Ratio	Lower	Upper	
163	100		
194	4.2	2.7	4.1#
164	9.2	8.2	12.2



#50

2,6-Dinitrotoluene

Concen: 3.938 ng

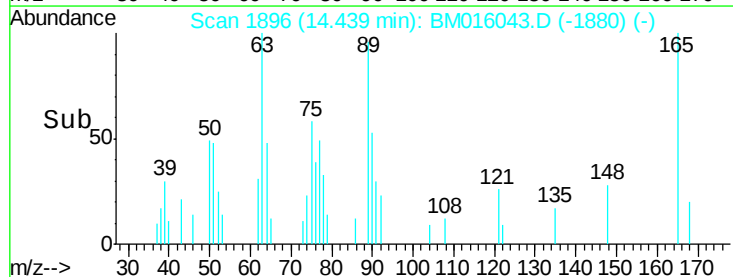
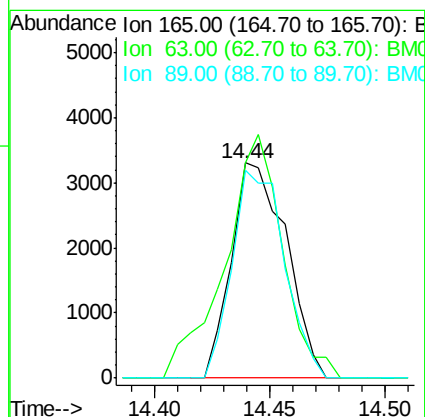
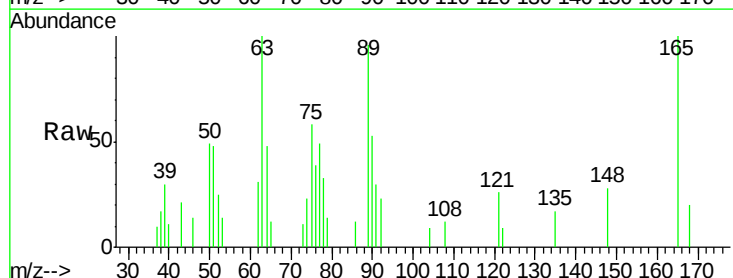
RT: 14.44 min Scan# 1896

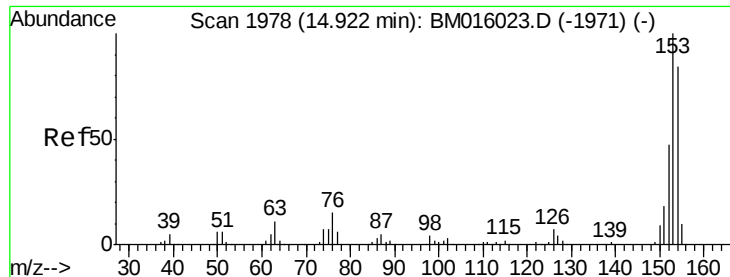
Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Tgt Ion:	165	Resp:	5460
Ion Ratio	Lower	Upper	
165	100		
63	99.8	44.1	66.1#
89	96.5	44.3	66.5#





#51

Acenaphthene

Concen: 4.743 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

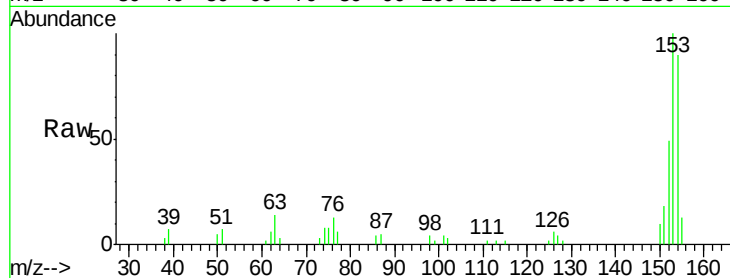
Tgt Ion:154 Resp: 23603

Ion Ratio Lower Upper

154 100

153 111.1 90.0 135.0

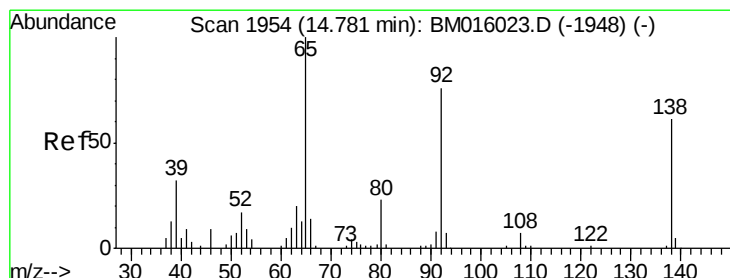
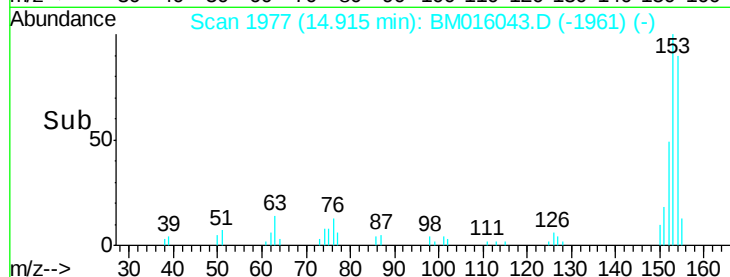
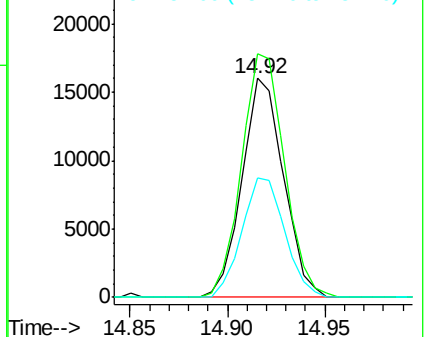
152 54.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 2.310 ng

RT: 14.80 min Scan# 1957

Delta R.T. 0.02 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

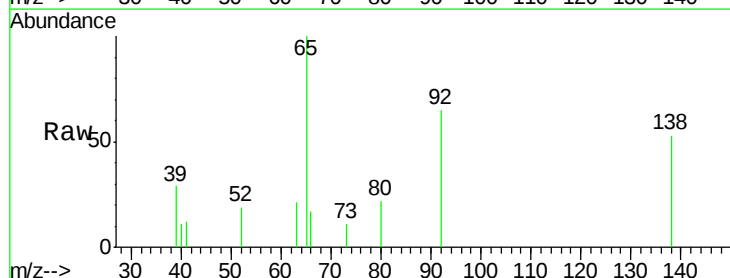
Tgt Ion:138 Resp: 3459

Ion Ratio Lower Upper

138 100

108 0.0 7.3 10.9#

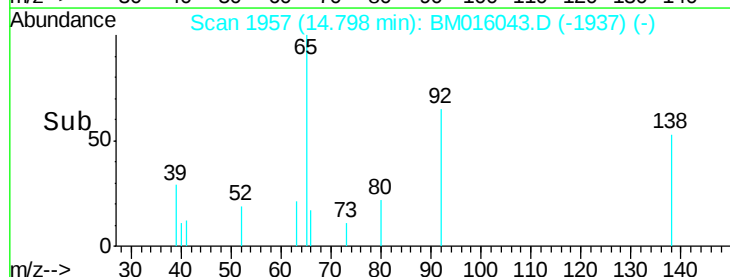
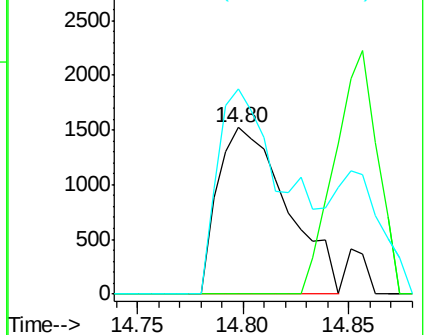
92 123.2 76.6 114.8#

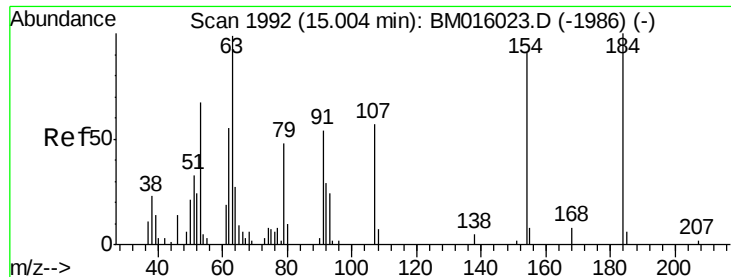


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

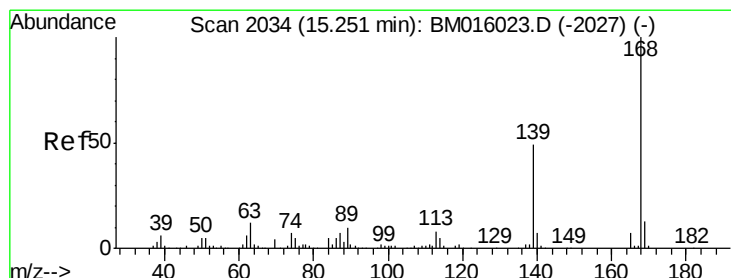
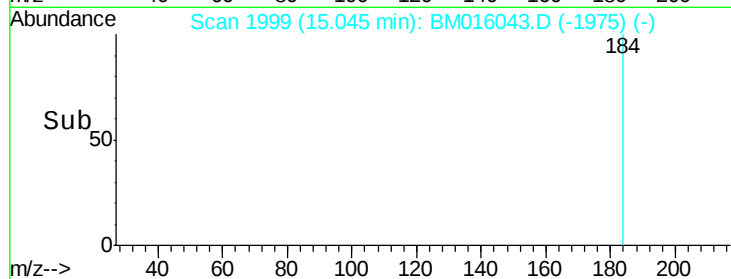
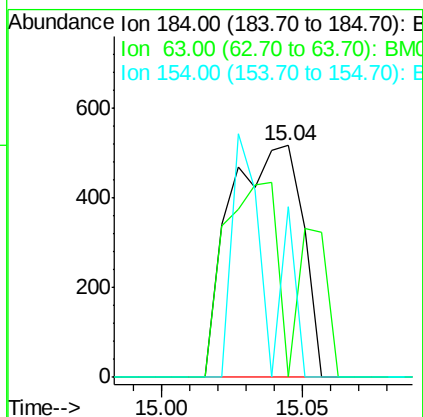
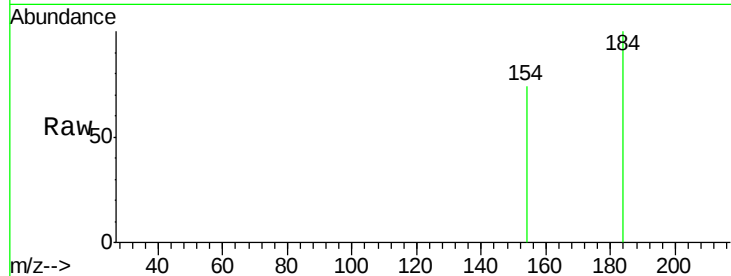




#53
 2,4-Dinitrophenol
 Concen: 7.535 ng
 RT: 15.04 min Scan# 1999
 Delta R.T. 0.04 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

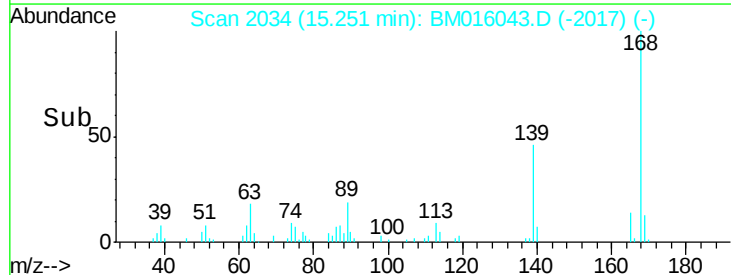
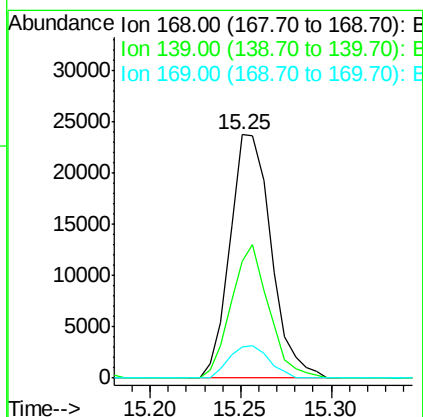
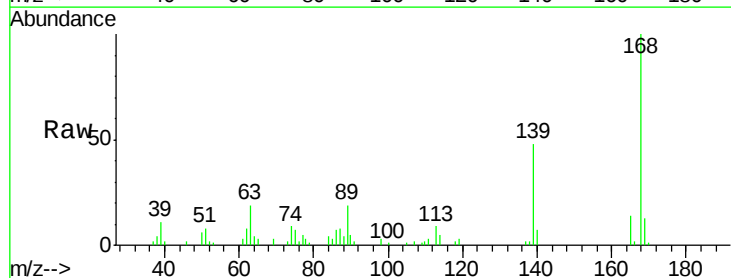
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

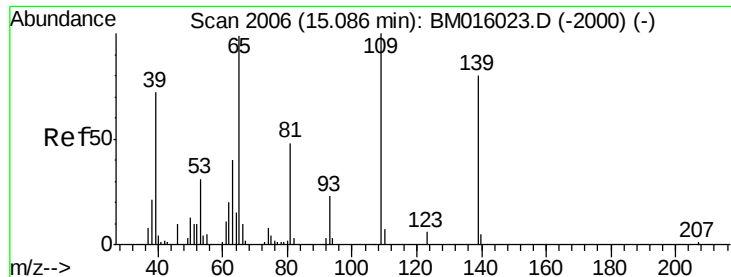
Tgt Ion:184 Resp: 913
 Ion Ratio Lower Upper
 184 100
 63 0.0 69.2 103.8#
 154 73.6 53.3 79.9



#54
 Dibenzofuran
 Concen: 4.580 ng
 RT: 15.25 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:168 Resp: 37556
 Ion Ratio Lower Upper
 168 100
 139 48.0 27.3 40.9#
 169 12.7 10.6 16.0

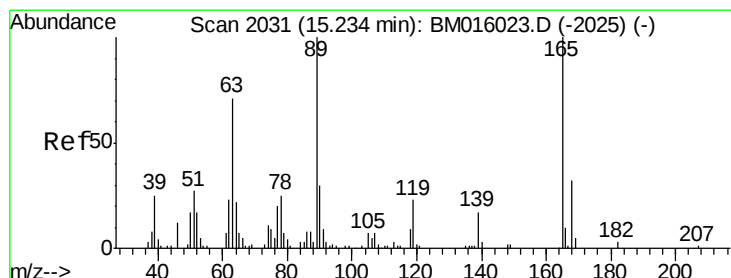
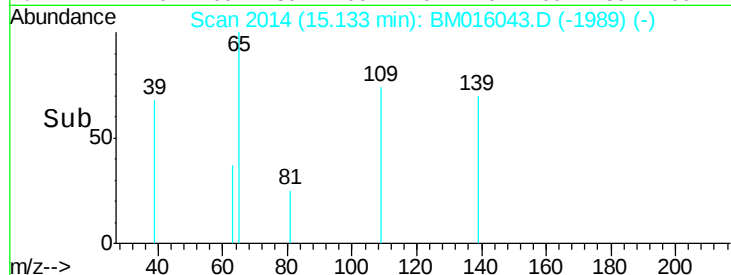
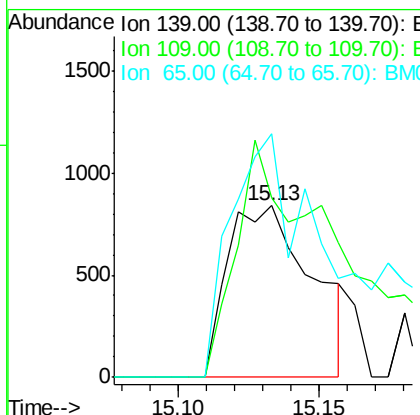
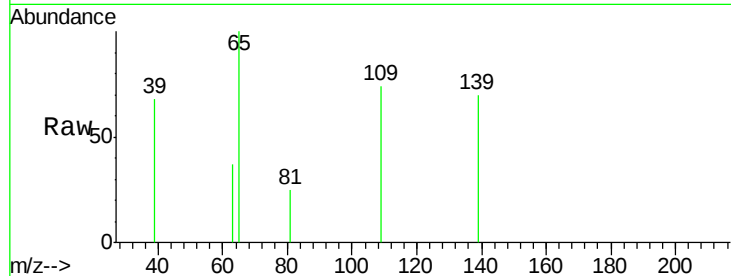




#55
4-Nitrophenol
Concen: 1.621 ng
RT: 15.13 min Scan# 2014
Delta R.T. 0.05 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

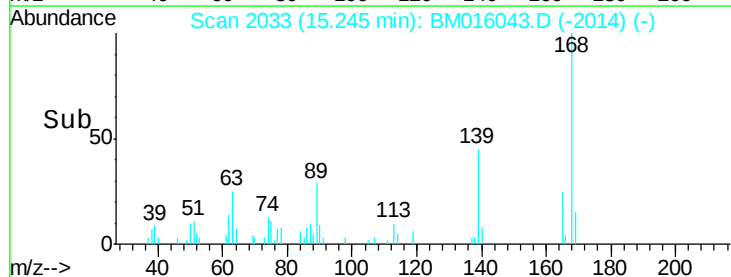
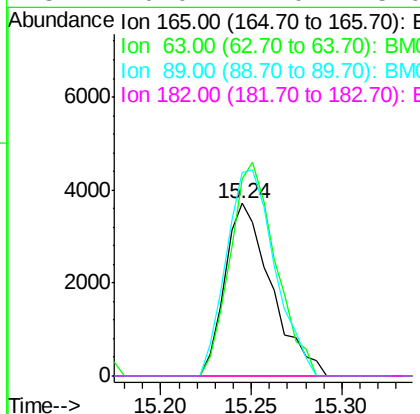
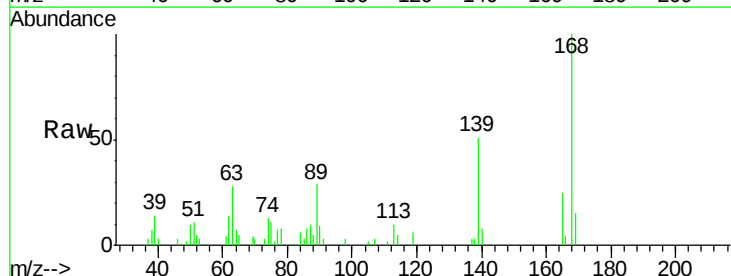
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

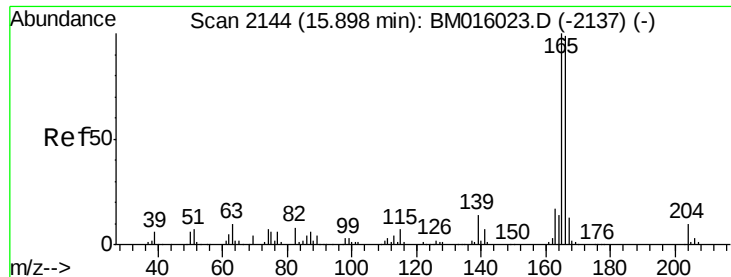
Tgt Ion:139 Resp: 1740
Ion Ratio Lower Upper
139 100
109 104.9 130.0 170.0#
65 142.1 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 3.336 ng
RT: 15.24 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:165 Resp: 6615
Ion Ratio Lower Upper
165 100
63 114.3 52.4 78.6#
89 118.2 72.4 108.6#
182 0.0 2.0 3.0#

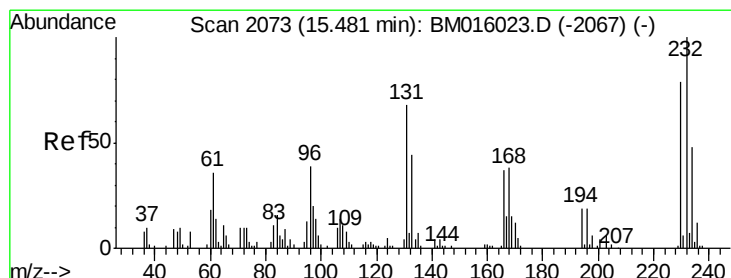
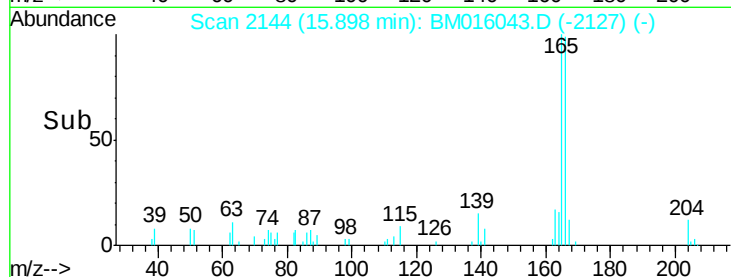
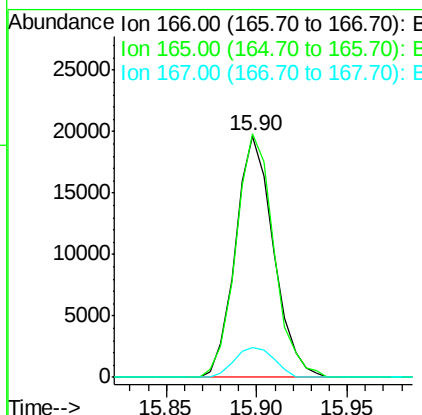
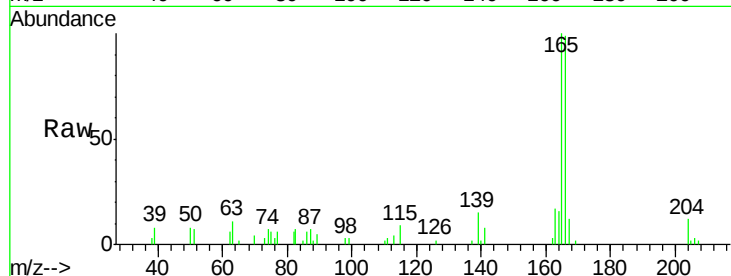




#57
 Fluorene
 Concen: 4.697 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

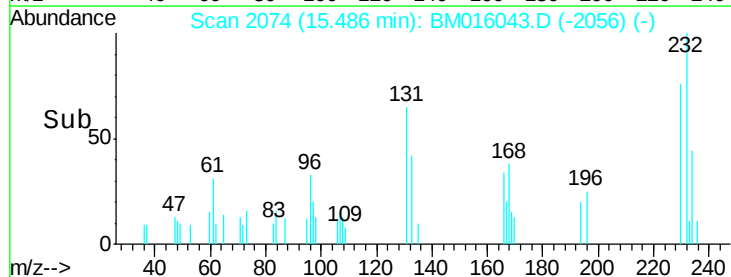
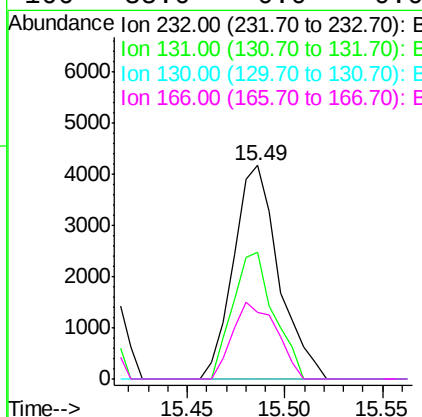
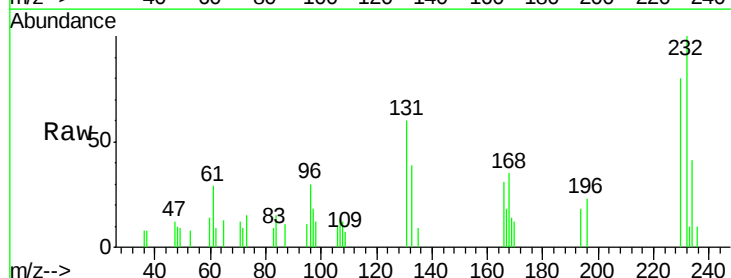
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

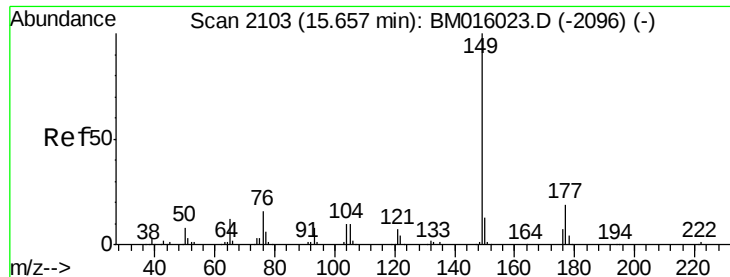
Tgt Ion:166 Resp: 28625
 Ion Ratio Lower Upper
 166 100
 165 100.8 79.0 118.4
 167 12.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.494 ng
 RT: 15.49 min Scan# 2074
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:232 Resp: 6683
 Ion Ratio Lower Upper
 232 100
 131 54.2 0.0 0.0#
 130 0.0 0.0 0.0
 166 35.0 0.0 0.0#

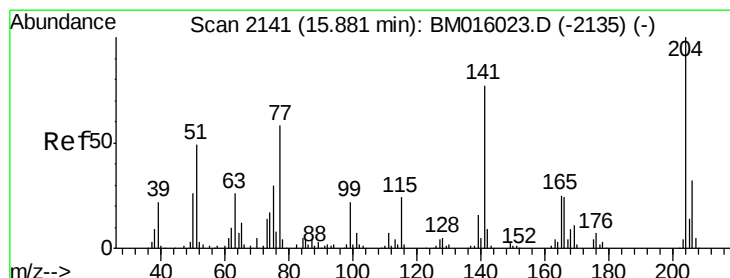
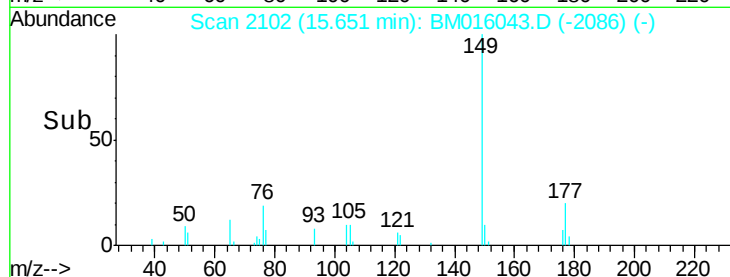
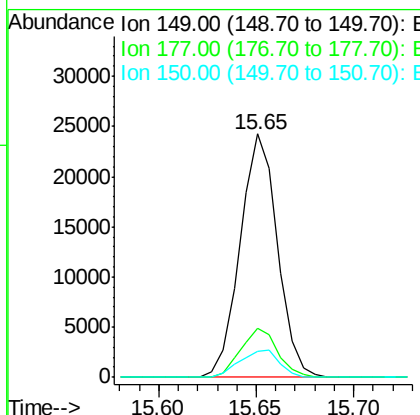
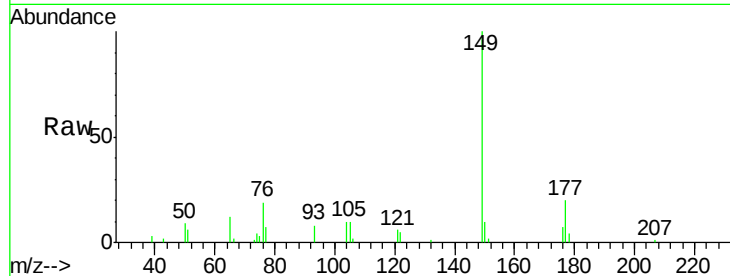




#59
Diethylphthalate
Concen: 4.315 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

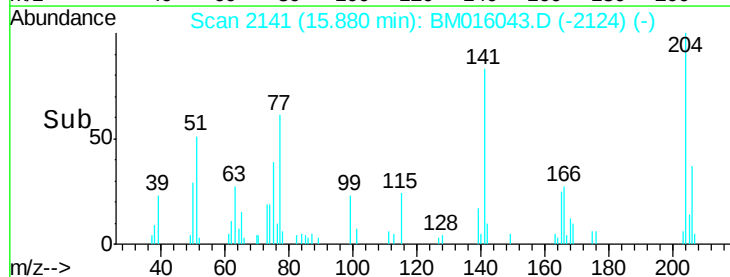
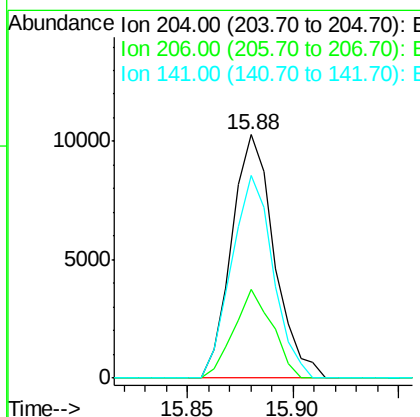
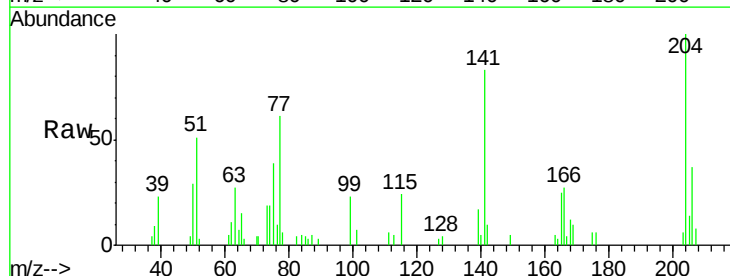
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

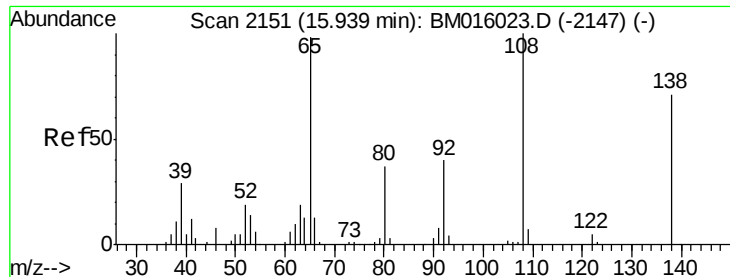
Tgt Ion:149 Resp: 32048
Ion Ratio Lower Upper
149 100
177 20.2 18.3 27.5
150 10.4 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 4.224 ng
RT: 15.88 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:204 Resp: 14330
Ion Ratio Lower Upper
204 100
206 36.7 26.6 39.8
141 83.2 45.2 67.8#





#61

4-Nitroaniline

Concen: 2.297 ng

RT: 15.95 min Scan# 2153

Delta R.T. 0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

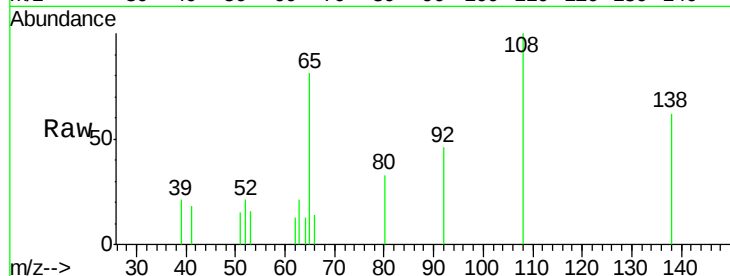
Tgt Ion:138 Resp: 3300

Ion Ratio Lower Upper

138 100

92 74.2 16.7 56.7#

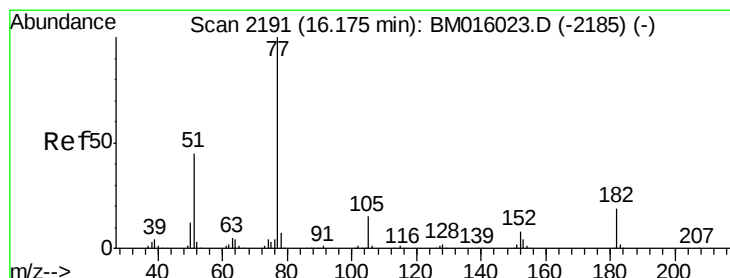
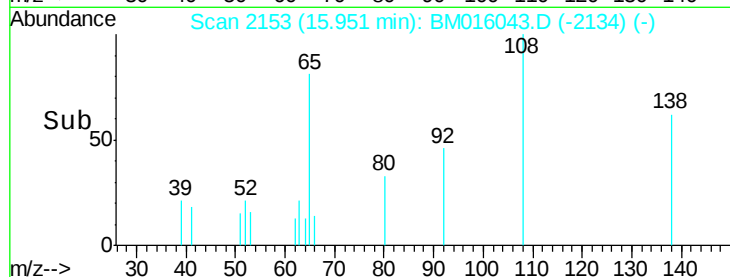
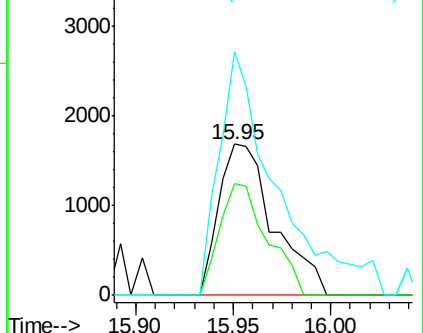
108 161.4 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 4.144 ng

RT: 16.17 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Tgt Ion: 77 Resp: 32414

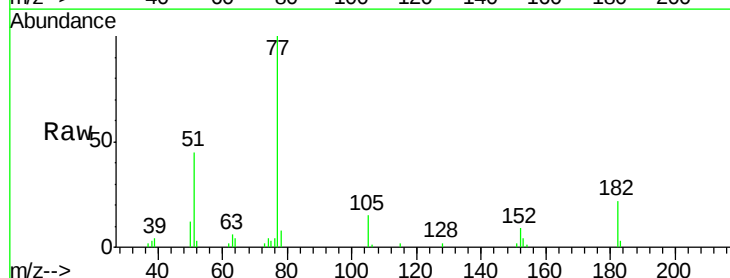
Ion Ratio Lower Upper

77 100

182 21.9 6.5 46.5

105 14.8 3.8 43.8

51 44.9 5.5 45.5

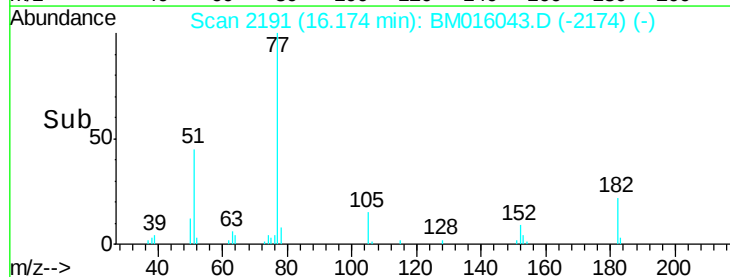
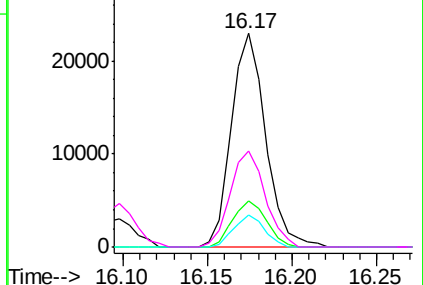


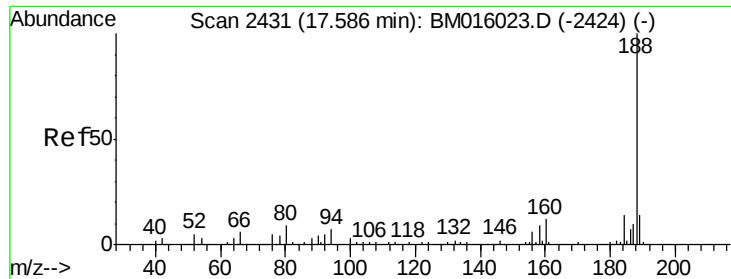
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

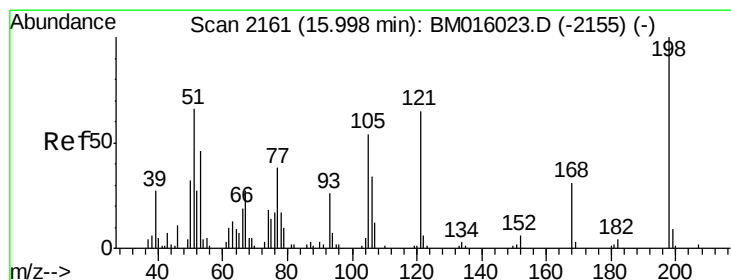
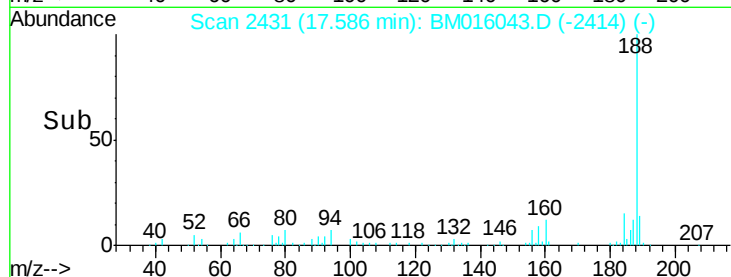
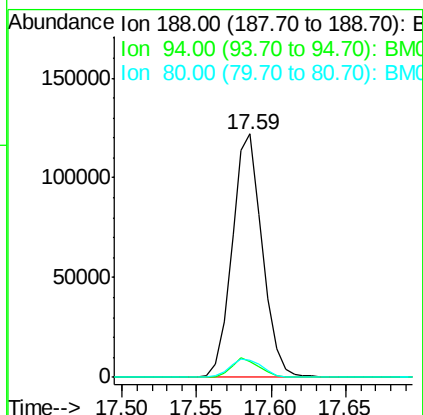
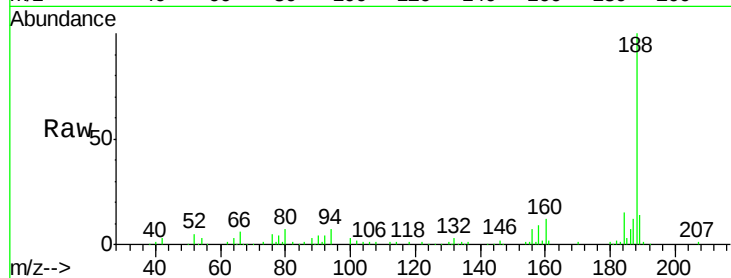




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

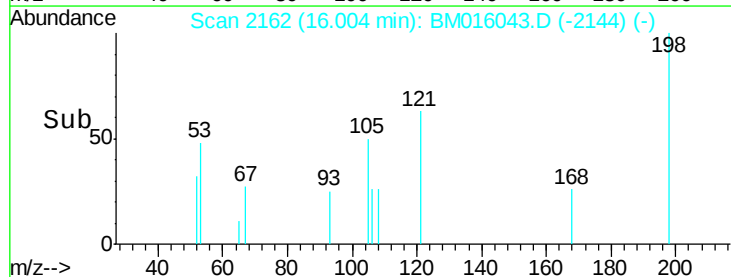
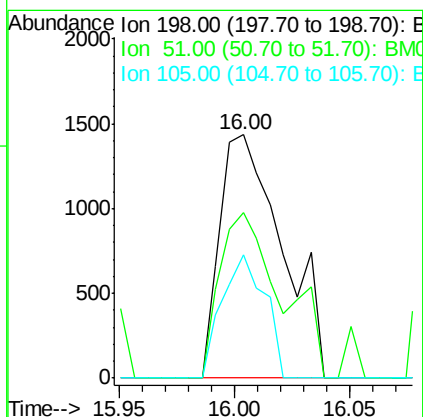
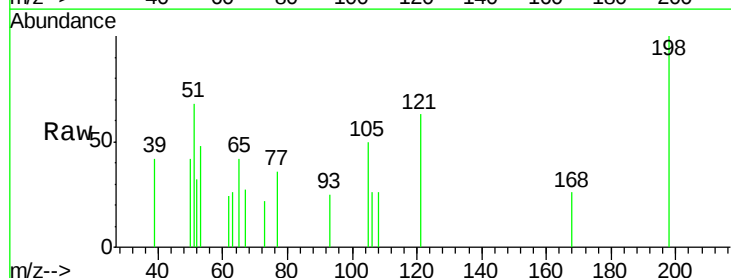
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

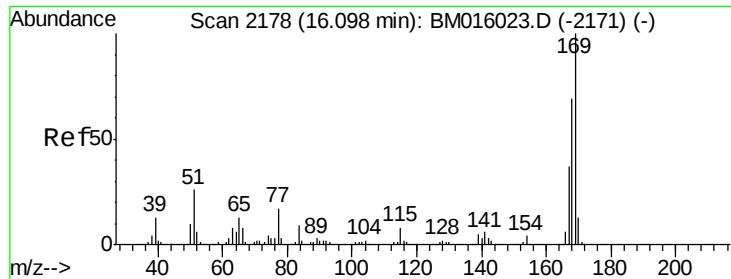
Tgt Ion:188 Resp: 171272
Ion Ratio Lower Upper
188 100
94 6.7 8.7 13.1#
80 7.0 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.602 ng
RT: 16.00 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:198 Resp: 2705
Ion Ratio Lower Upper
198 100
51 68.1 28.8 68.8
105 50.5 30.5 70.5

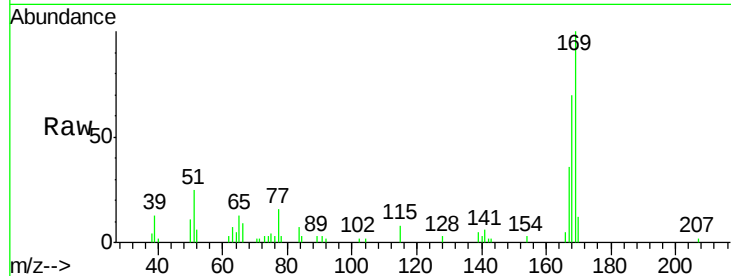




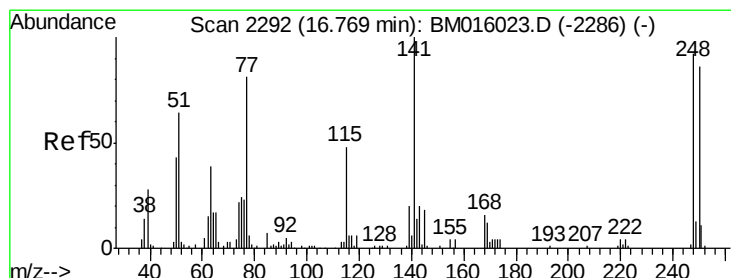
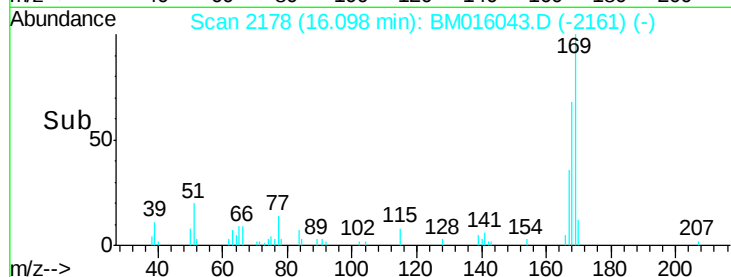
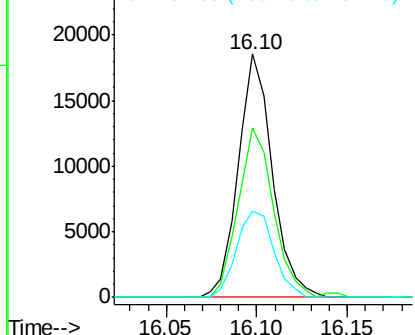
#65
 n-Nitrosodiphenylamine
 Concen: 4.311 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion:169 Resp: 24311
 Ion Ratio Lower Upper
 169 100
 168 69.5 53.9 80.9
 167 35.5 28.9 43.3

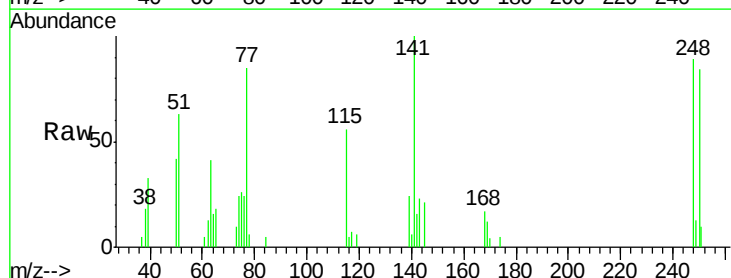


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

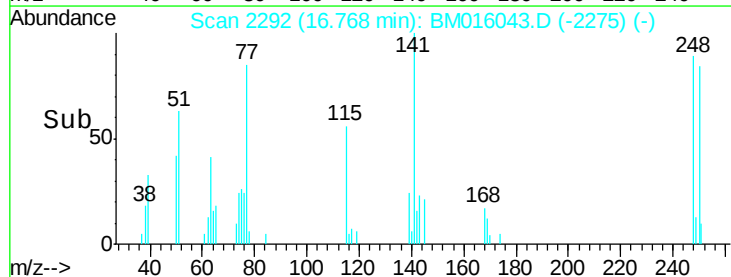
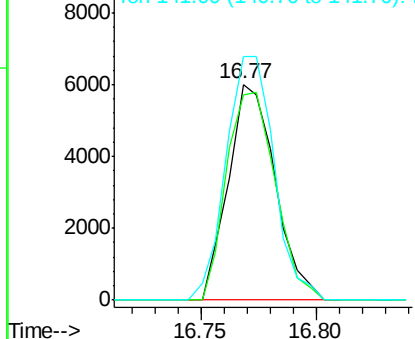


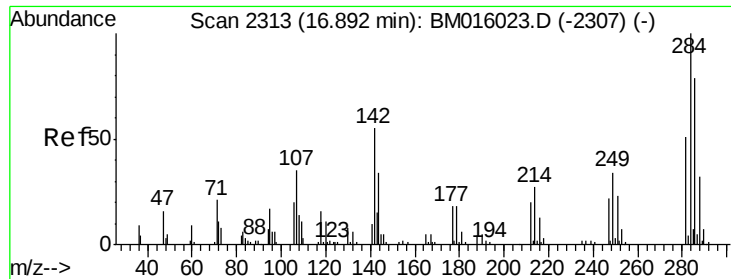
#66
 4-Bromophenyl-phenylether
 Concen: 4.384 ng
 RT: 16.77 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:248 Resp: 8503
 Ion Ratio Lower Upper
 248 100
 250 95.1 77.4 116.0
 141 112.9 45.2 67.8#



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





#67

Hexachlorobenzene

Concen: 4.278 ng

RT: 16.89 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

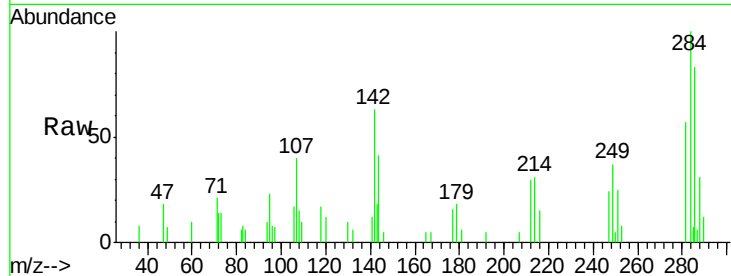
Tgt Ion:284 Resp: 9137

Ion Ratio Lower Upper

284 100

142 62.5 20.4 30.6#

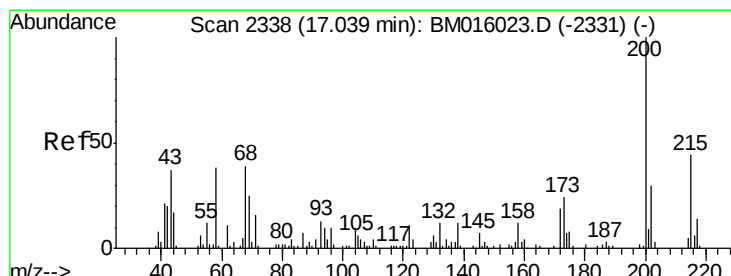
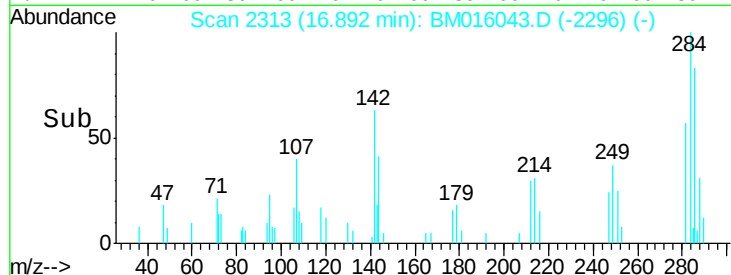
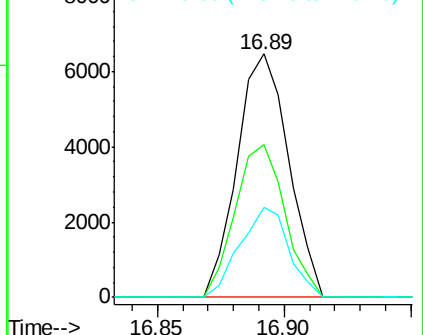
249 36.7 23.8 35.6#



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: 4.007 ng

RT: 17.03 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

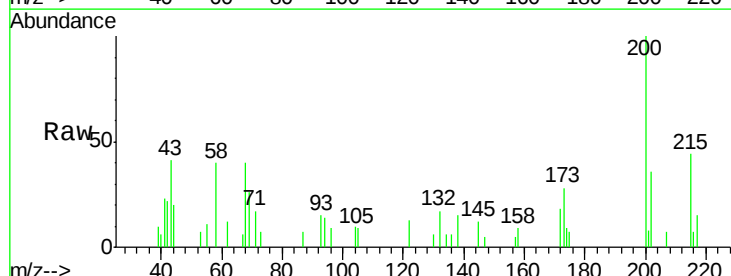
Tgt Ion:200 Resp: 8100

Ion Ratio Lower Upper

200 100

173 28.4 4.8 44.8

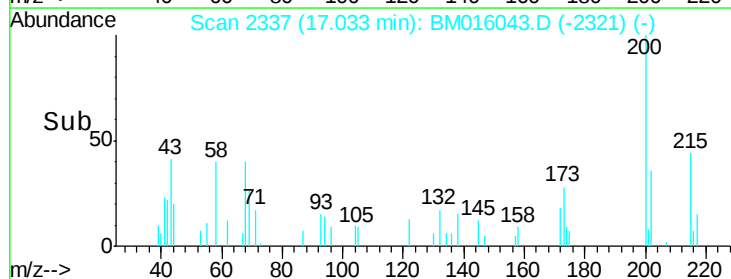
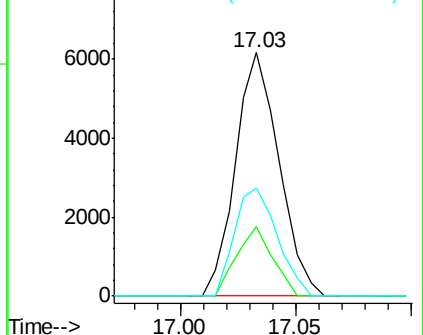
215 44.3 26.9 66.9

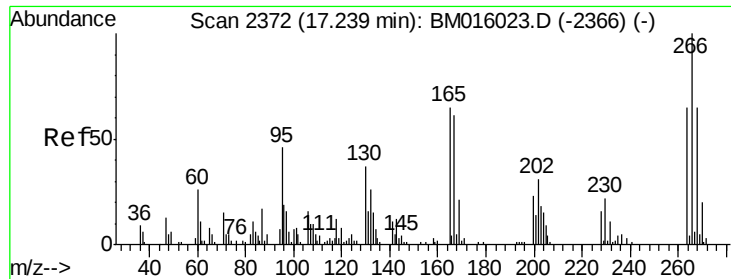


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

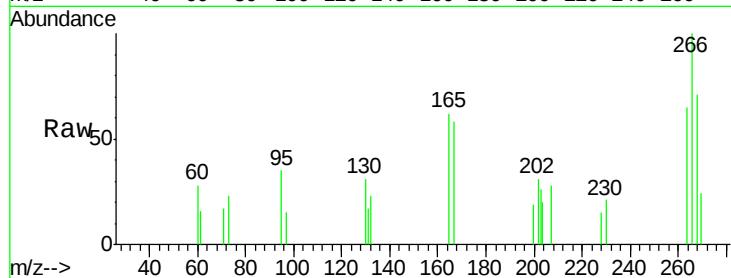




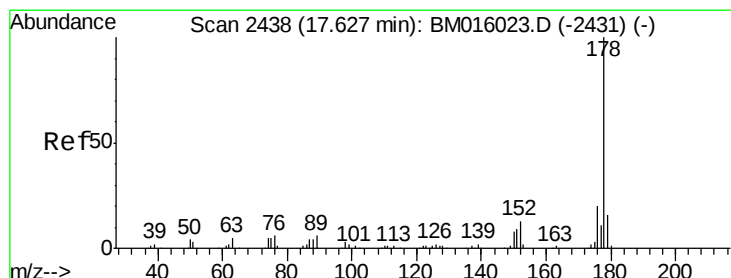
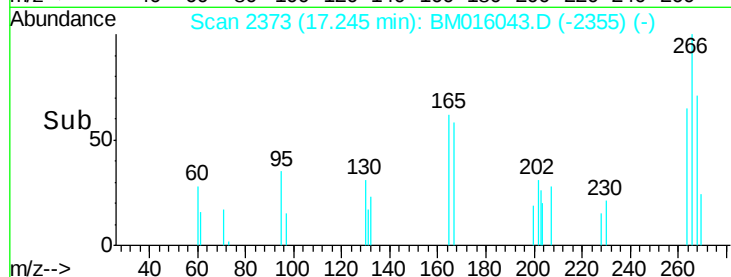
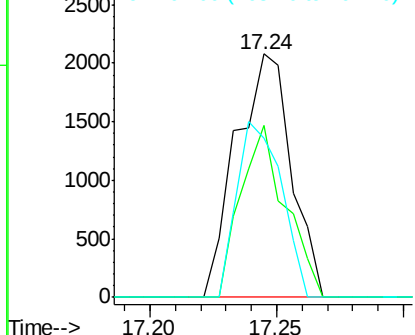
#69
 Pentachlorophenol
 Concen: 2.381 ng
 RT: 17.24 min Scan# 2373
 Delta R.T. 0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion:266 Resp: 3149
 Ion Ratio Lower Upper
 266 100
 268 70.8 52.0 78.0
 264 65.1 49.0 73.4

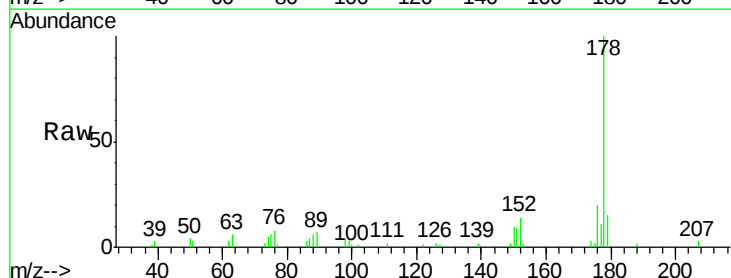


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

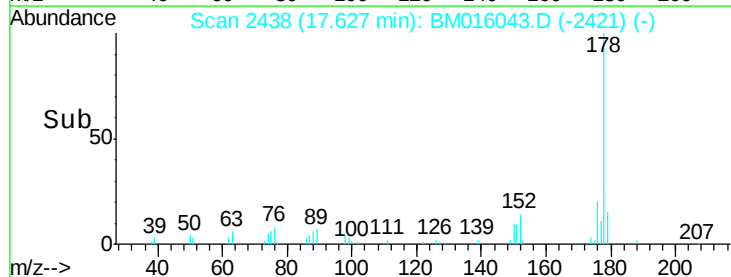
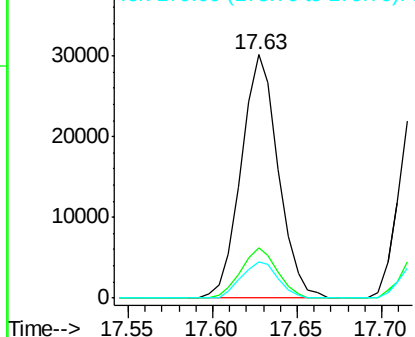


#70
 Phenanthrene
 Concen: 4.812 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:178 Resp: 46144
 Ion Ratio Lower Upper
 178 100
 176 20.4 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

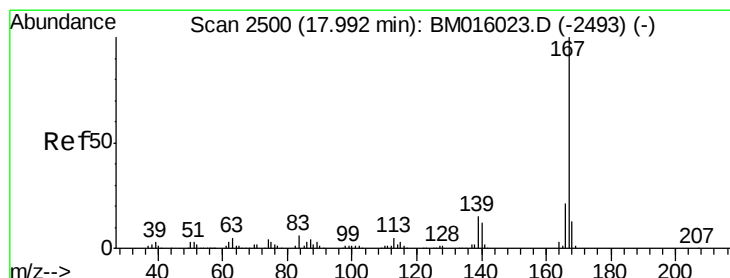
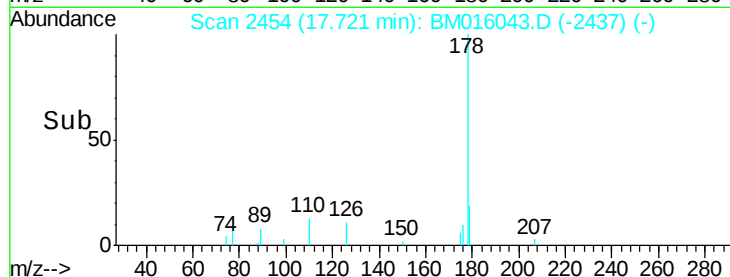
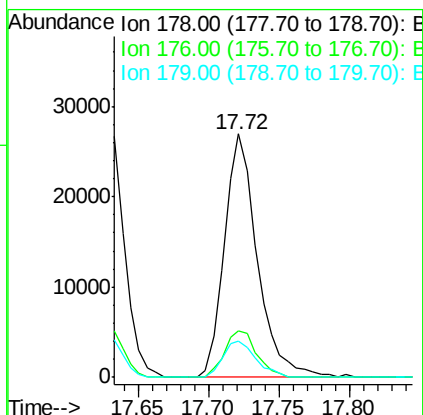
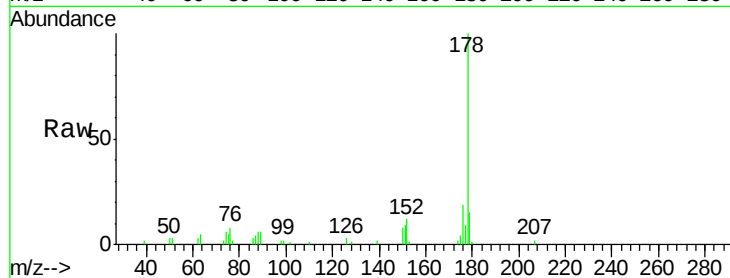




#71
 Anthracene
 Concen: 4.690 ng
 RT: 17.72 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

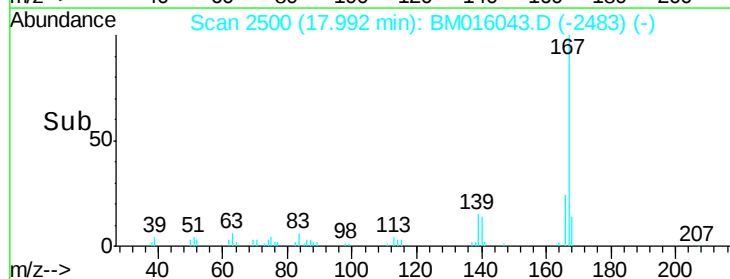
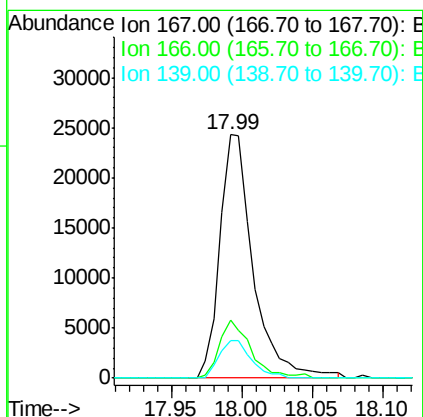
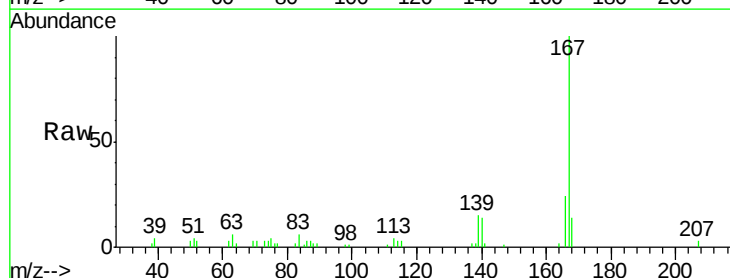
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

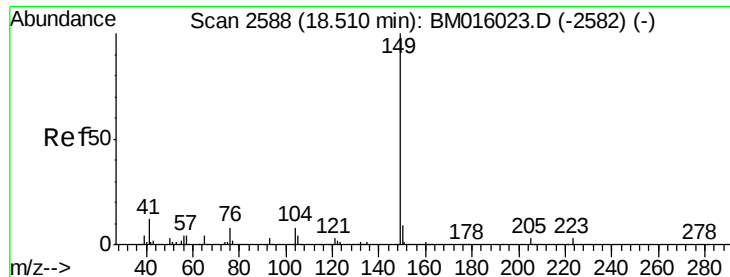
Tgt Ion:178 Resp: 43704
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.6 22.0
 179 14.8 12.6 19.0



#72
 Carbazole
 Concen: 4.133 ng
 RT: 17.99 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:167 Resp: 39905
 Ion Ratio Lower Upper
 167 100
 166 23.8 17.2 25.8
 139 15.3 10.8 16.2

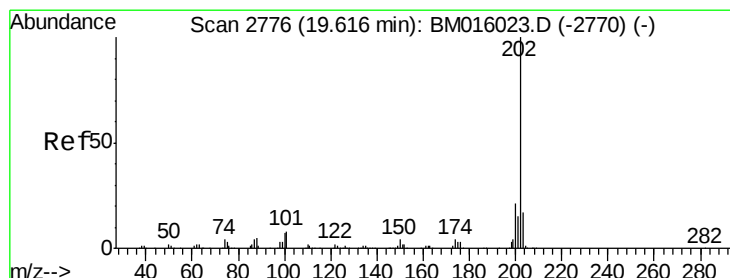
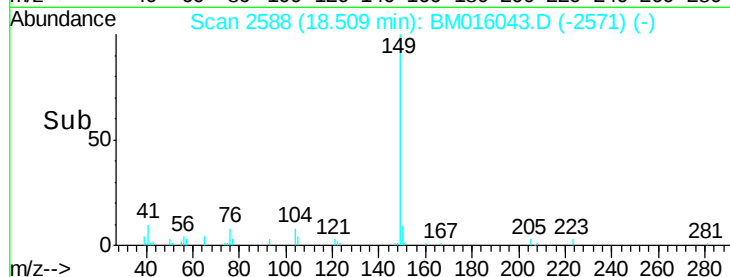
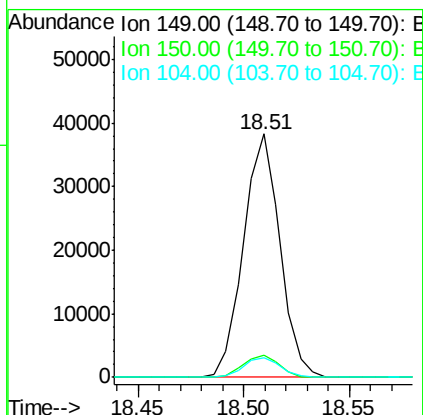
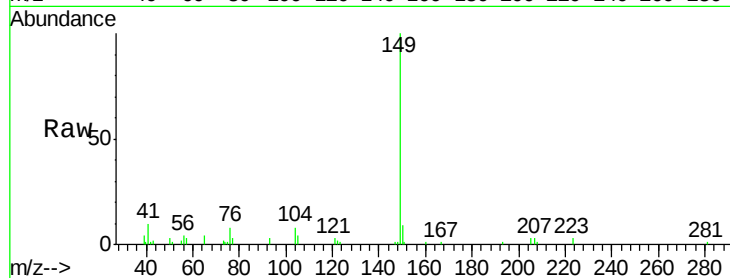




#73
Di-n-butylphthalate
Concen: 3.812 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

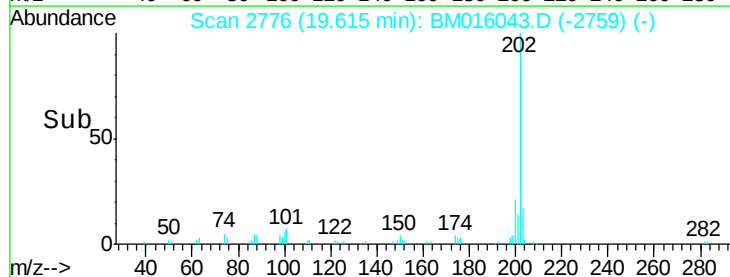
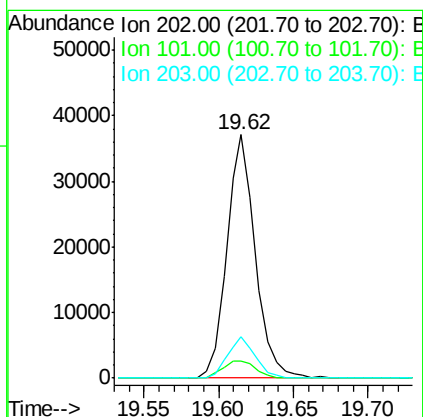
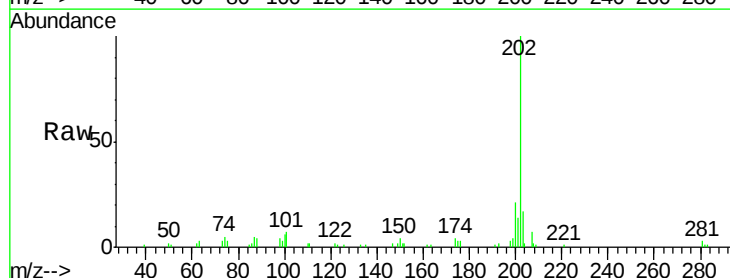
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

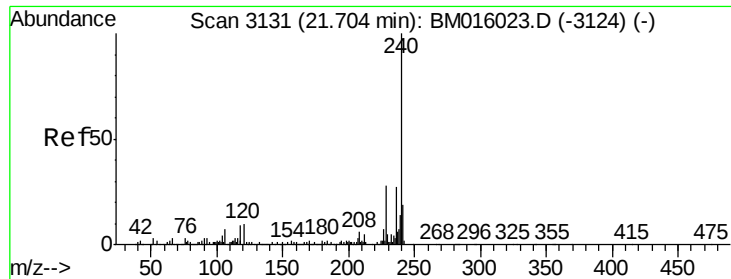
Tgt Ion:149 Resp: 45857
Ion Ratio Lower Upper
149 100
150 8.9 7.5 11.3
104 8.1 3.7 5.5#



#74
Fluoranthene
Concen: 4.625 ng
RT: 19.62 min Scan# 2776
Delta R.T. -0.00 min
Lab File: BM016043.D
Acq: 24 Jul 2018 01:45

Tgt Ion:202 Resp: 49465
Ion Ratio Lower Upper
202 100
101 7.3 0.0 28.7
203 16.8 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: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

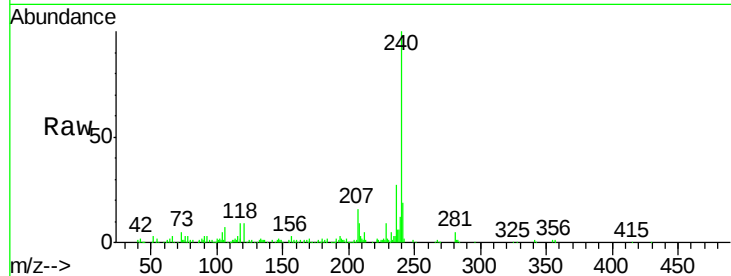
Tgt Ion:240 Resp: 188564

Ion Ratio Lower Upper

240 100

120 9.4 8.2 12.2

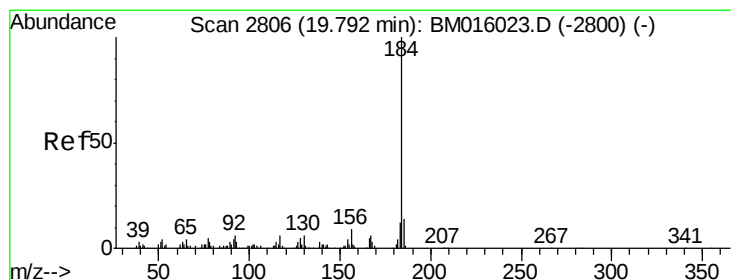
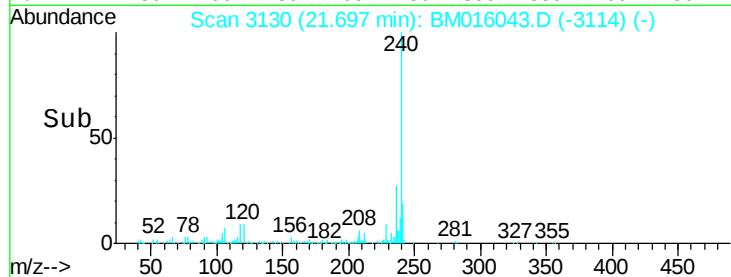
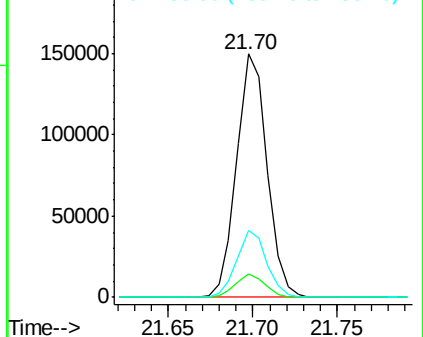
236 27.3 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.978 ng

RT: 19.80 min Scan# 2808

Delta R.T. 0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

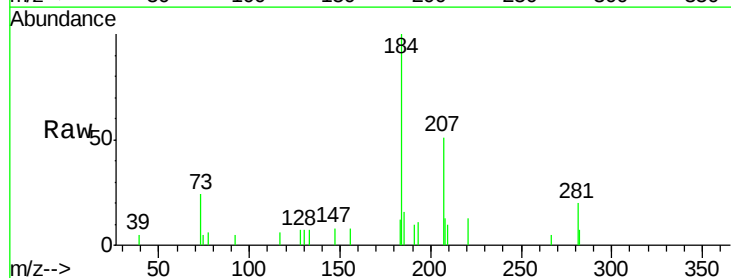
Tgt Ion:184 Resp: 10425

Ion Ratio Lower Upper

184 100

185 16.1 11.3 16.9

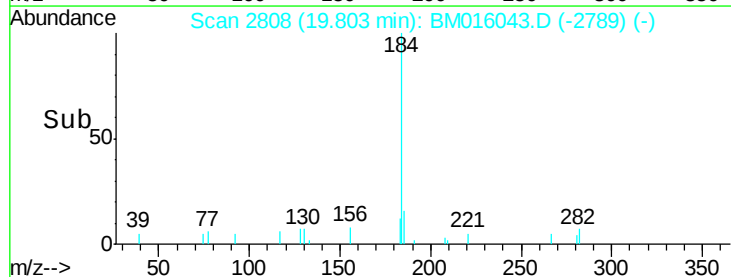
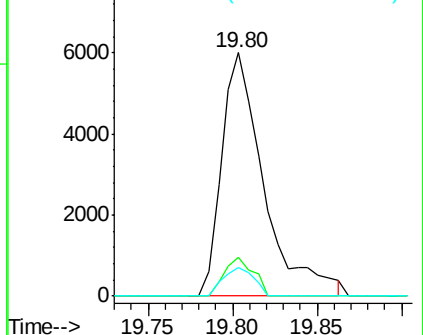
183 12.0 8.9 13.3

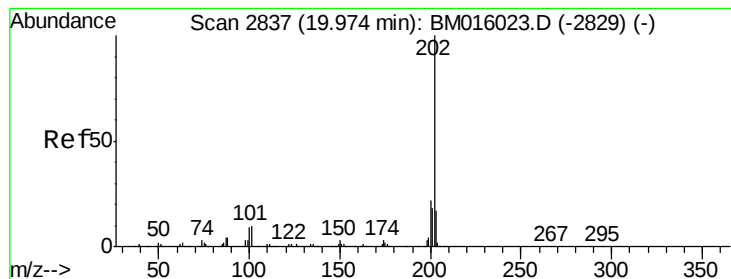


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 4.492 ng

RT: 19.97 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

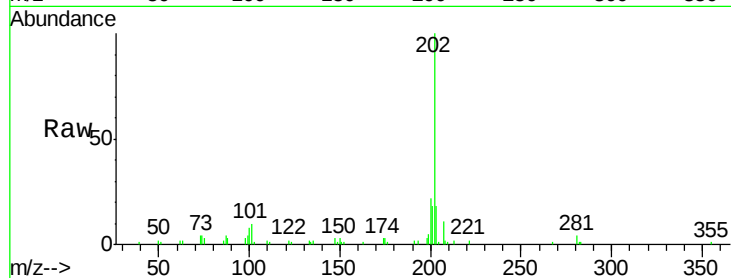
Tgt Ion:202 Resp: 50756

Ion Ratio Lower Upper

202 100

200 22.1 16.9 25.3

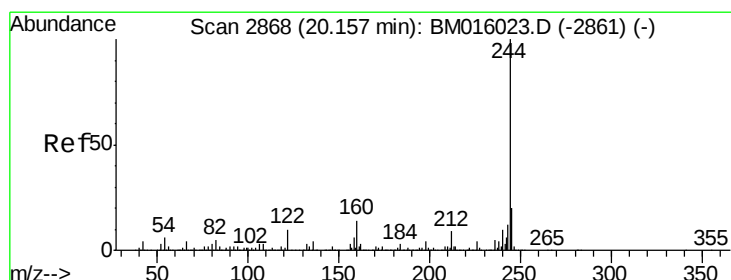
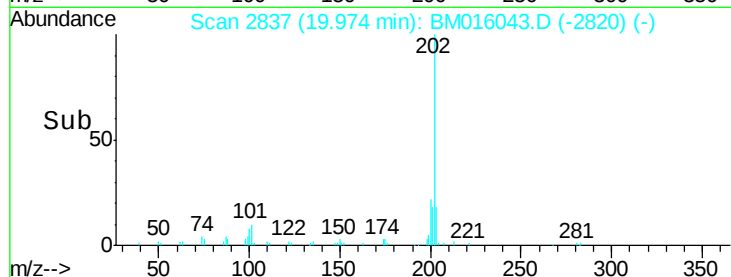
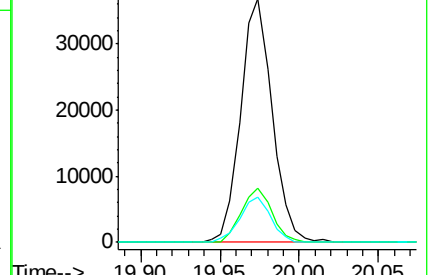
203 18.5 14.1 21.1



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: 4.492 ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

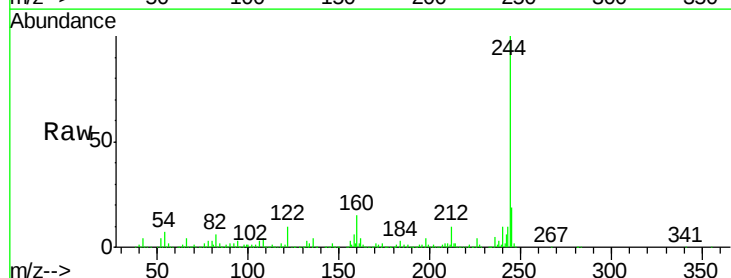
Tgt Ion:244 Resp: 1087888

Ion Ratio Lower Upper

244 100

212 9.9 4.9 7.3#

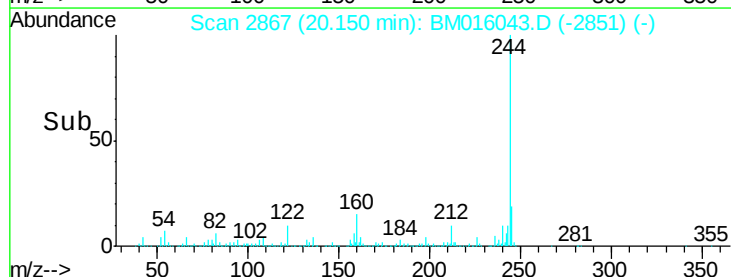
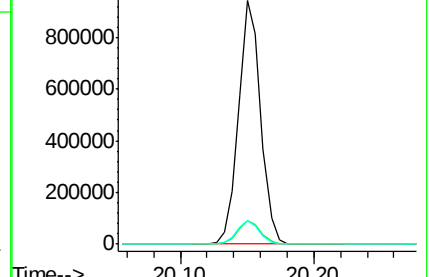
122 9.6 6.2 9.4#

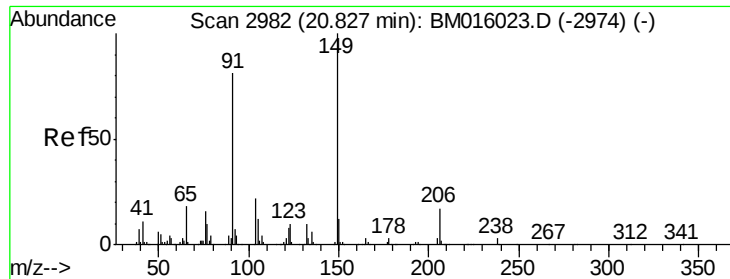


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 3.922 ng

RT: 20.82 min Scan# 2981

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

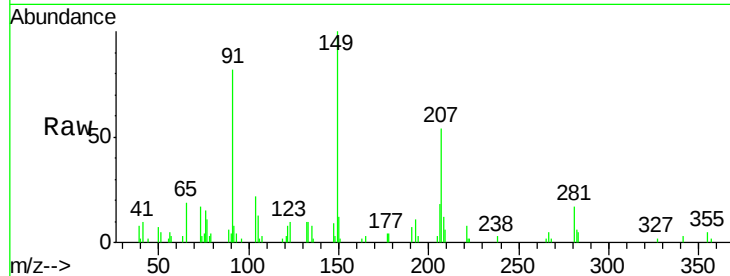
Tgt Ion:149 Resp: 22515

Ion Ratio Lower Upper

149 100

91 82.0 50.1 75.1#

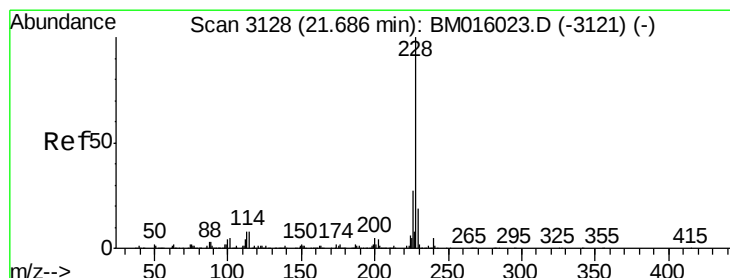
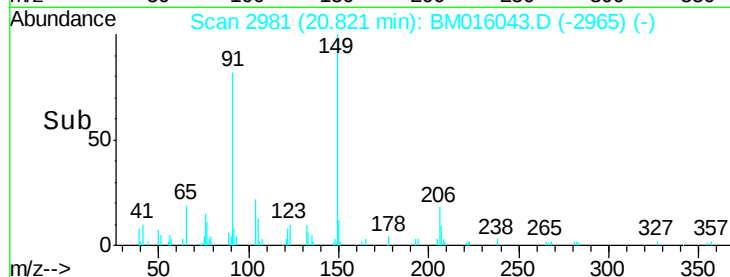
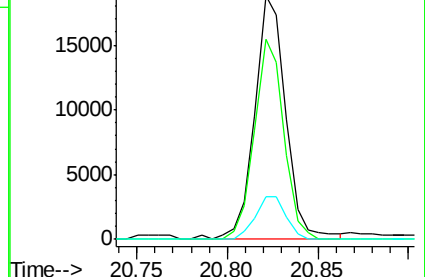
206 17.7 16.2 24.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 4.833 ng

RT: 21.69 min Scan# 3128

Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

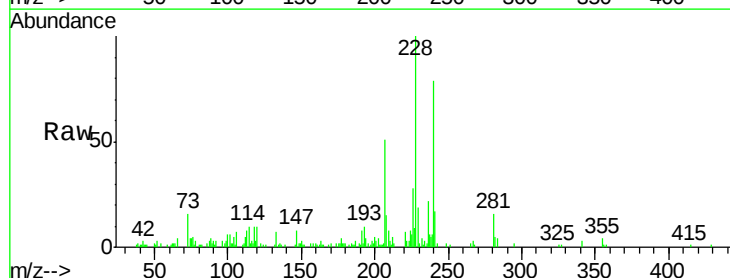
Tgt Ion:228 Resp: 56129

Ion Ratio Lower Upper

228 100

226 28.4 21.7 32.5

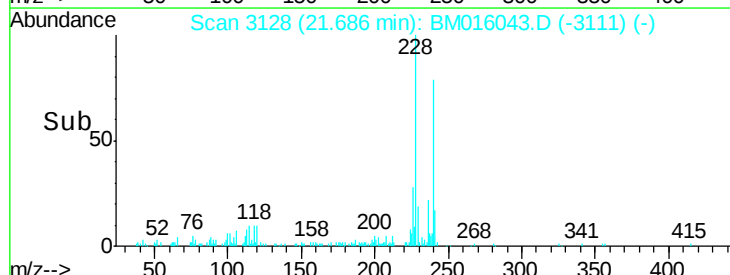
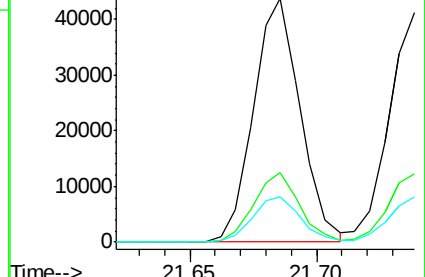
229 18.5 16.0 24.0

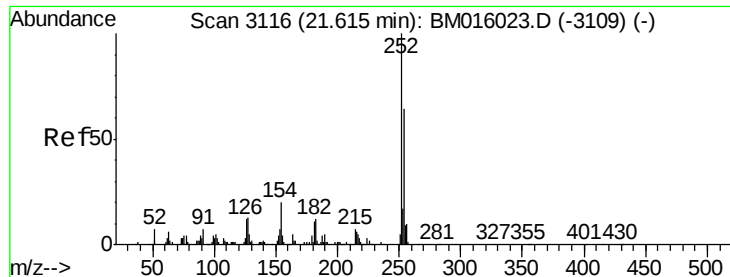


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

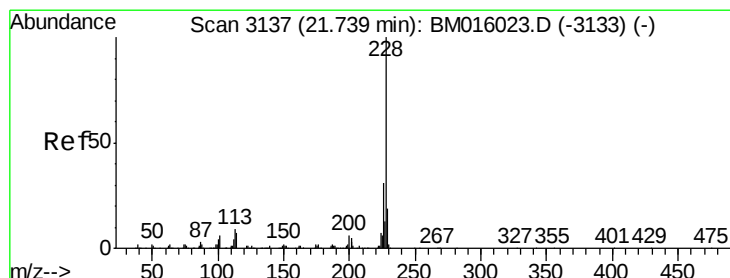
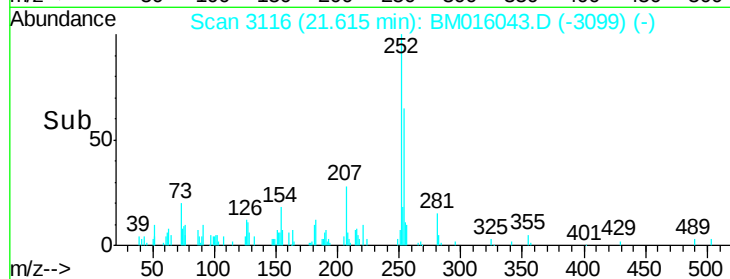
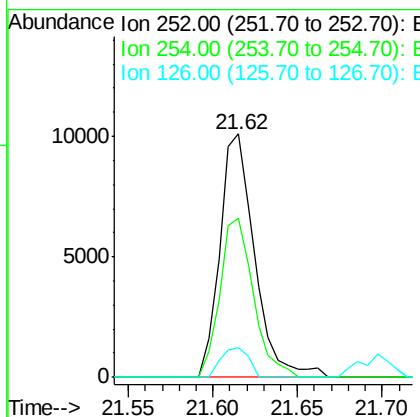
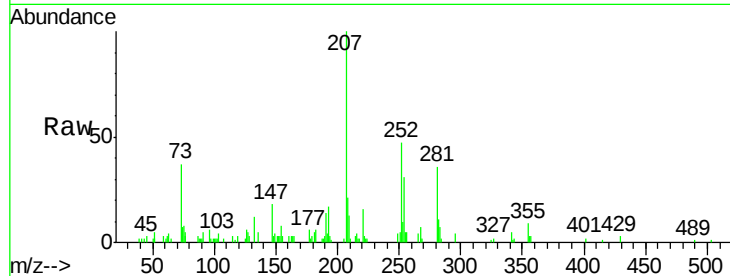




#81
 3,3'-Dichlorobenzidine
 Concen: 3.086 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

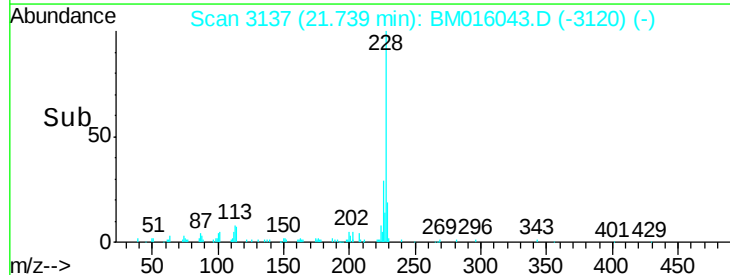
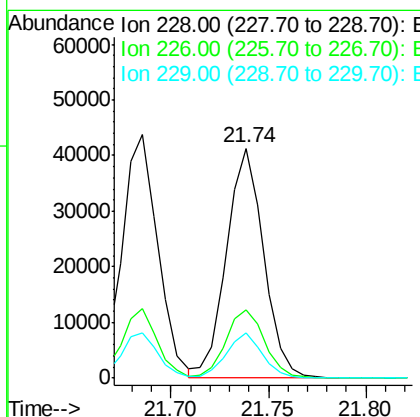
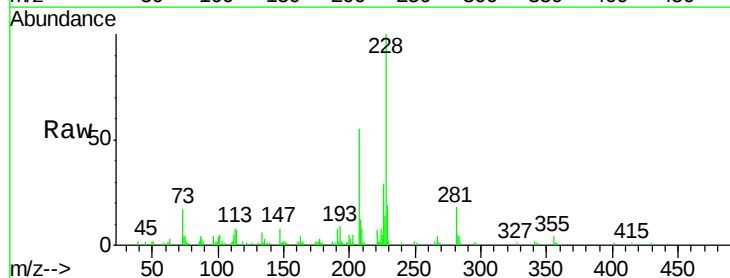
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

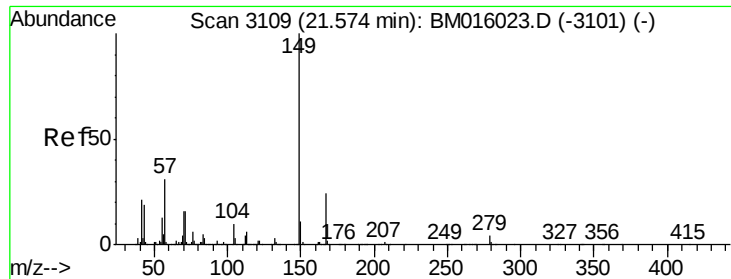
Tgt Ion: 252 Resp: 14436
 Ion Ratio Lower Upper
 252 100
 254 65.3 51.9 77.9
 126 12.0 9.8 14.8



#82
 Chrysene
 Concen: 4.914 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion: 228 Resp: 54746
 Ion Ratio Lower Upper
 228 100
 226 29.5 24.1 36.1
 229 19.4 15.5 23.3

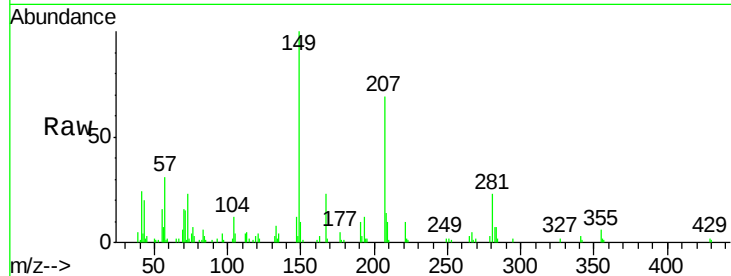




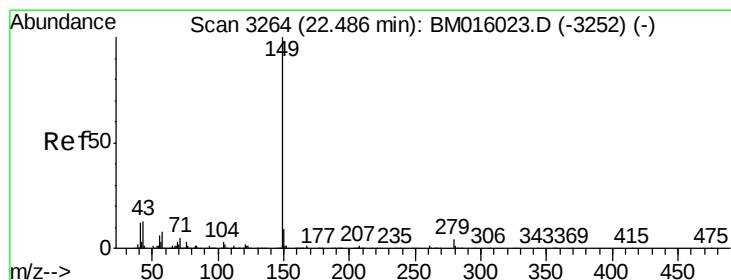
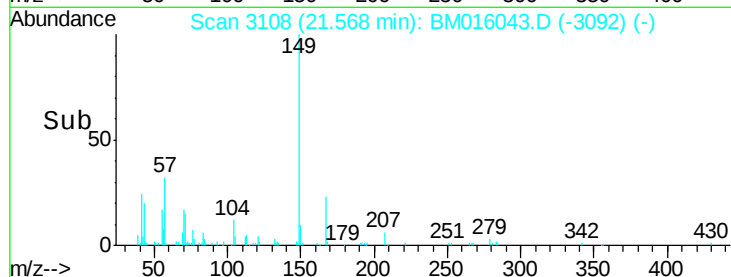
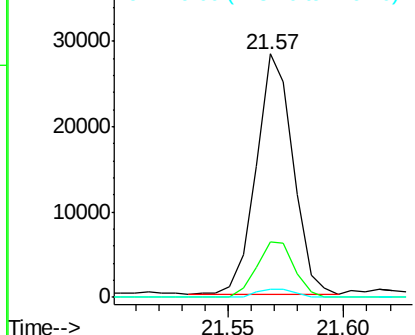
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.754 ng
 RT: 21.57 min Scan# 3108
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion:149 Resp: 31235
 Ion Ratio Lower Upper
 149 100
 167 22.7 22.4 33.6
 279 3.3 3.4 5.0#

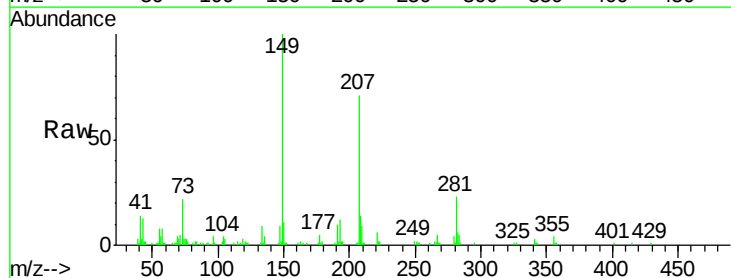


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

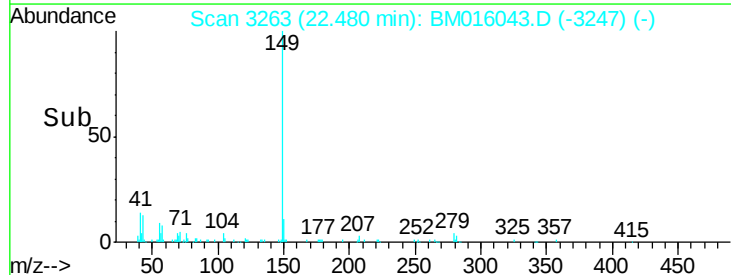
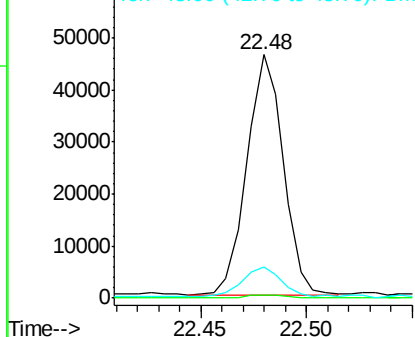


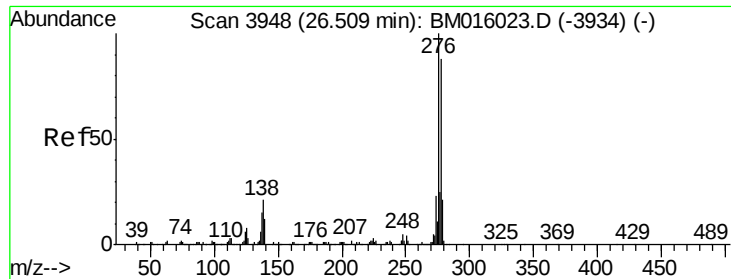
#84
 Di-n-octyl phthalate
 Concen: 3.968 ng
 RT: 22.48 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:149 Resp: 55482
 Ion Ratio Lower Upper
 149 100
 167 1.3 1.2 1.8
 43 14.4 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

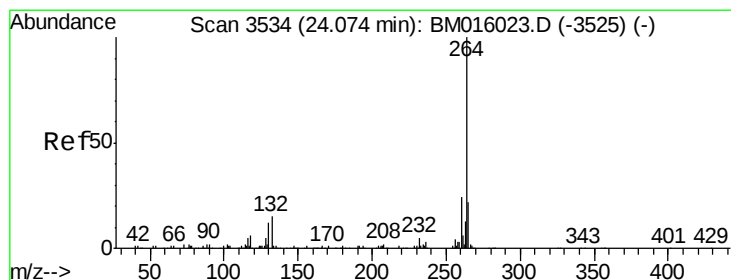
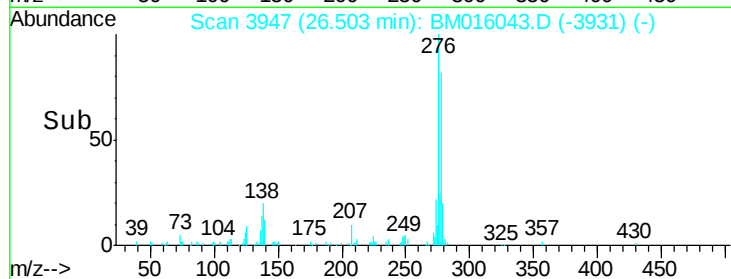
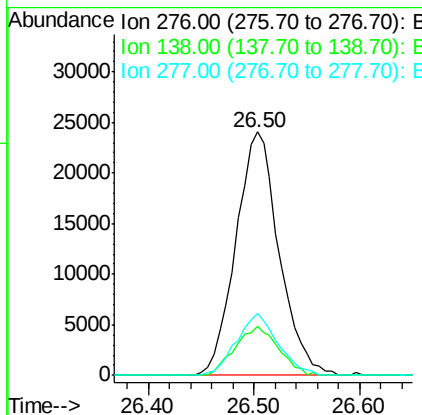
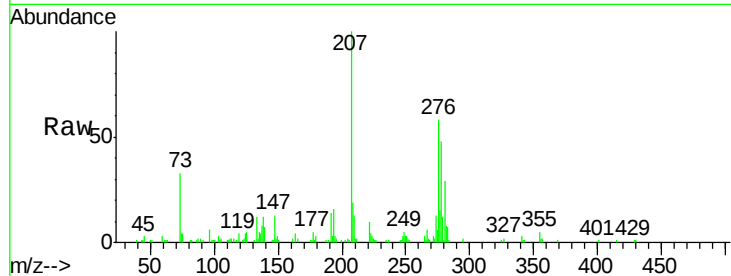




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 5.171 ng
 RT: 26.50 min Scan# 3947
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

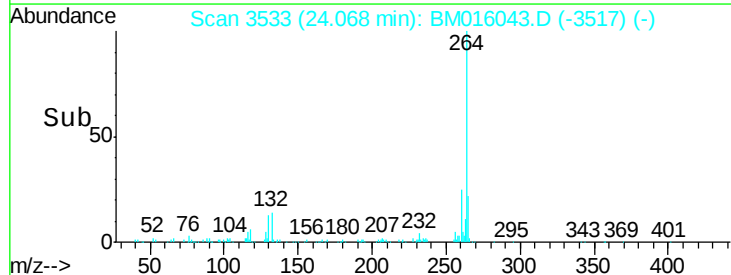
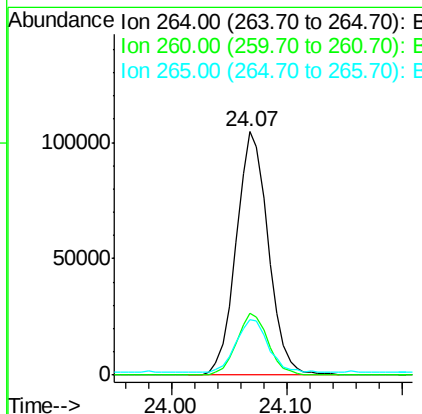
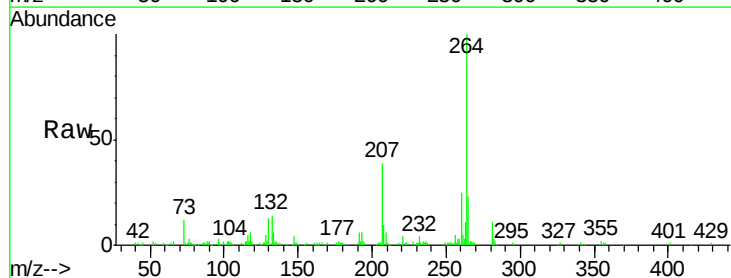
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

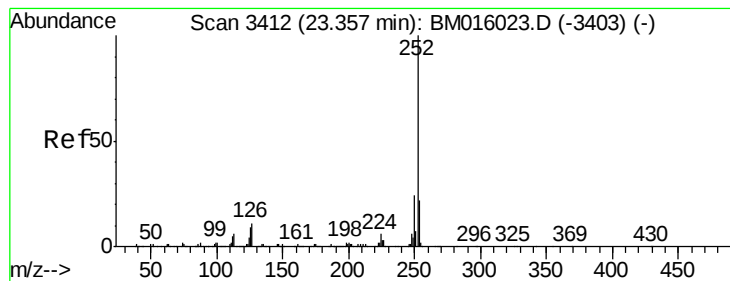
Tgt Ion:276 Resp: 68357
 Ion Ratio Lower Upper
 276 100
 138 20.1 12.0 18.0#
 277 24.3 20.0 30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

Tgt Ion:264 Resp: 201928
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.6 27.8
 265 22.9 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 4.926 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

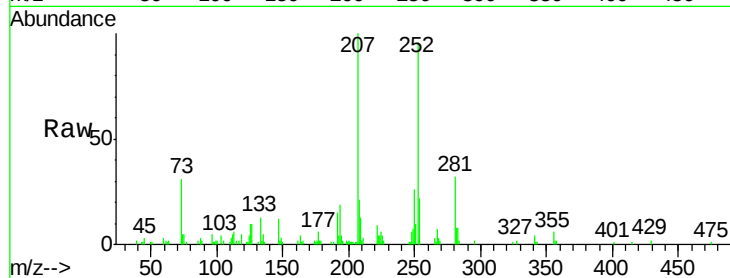
Tgt Ion:252 Resp: 58560

Ion Ratio Lower Upper

252 100

253 23.2 18.0 27.0

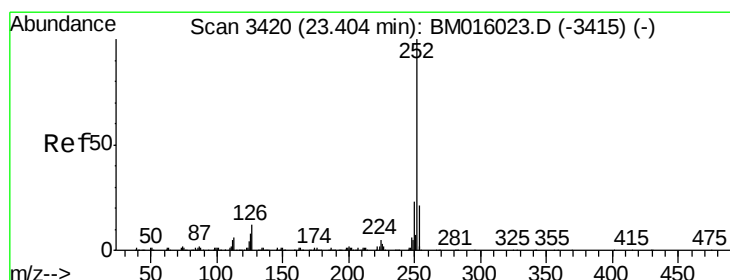
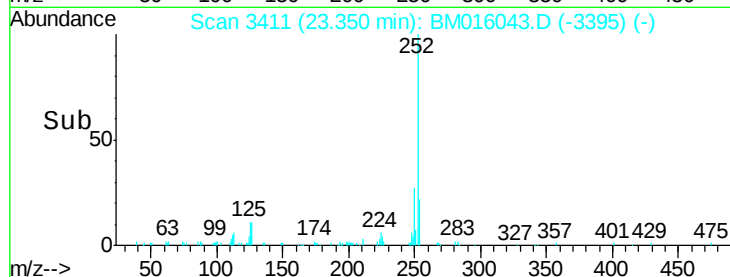
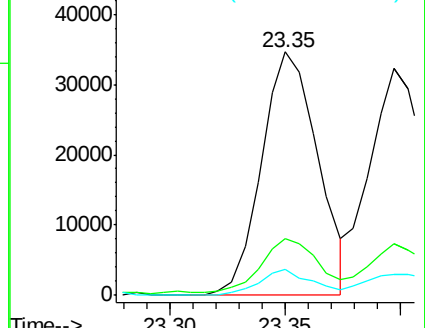
125 10.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 4.805 ng

RT: 23.40 min Scan# 3419

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

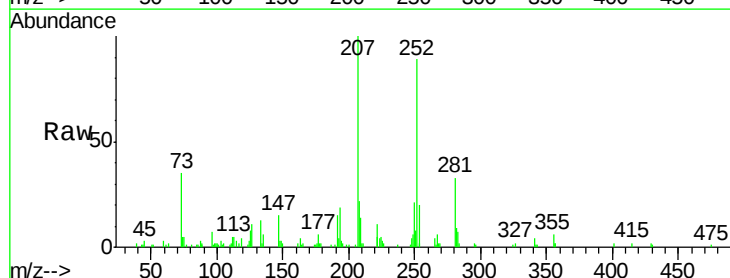
Tgt Ion:252 Resp: 57892

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

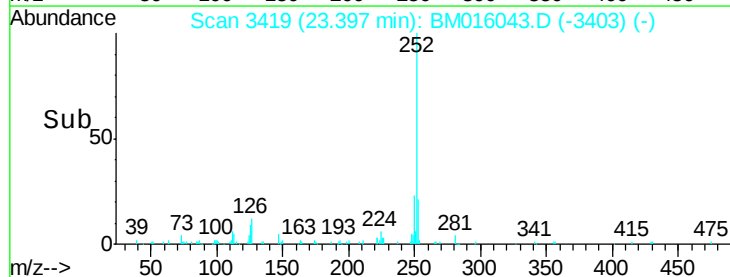
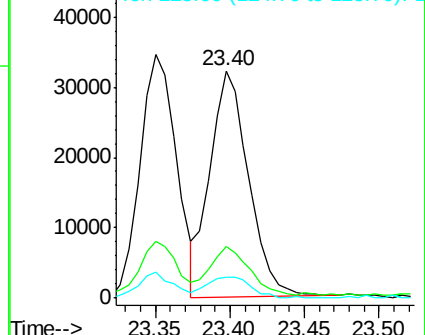
125 9.1 8.1 12.1

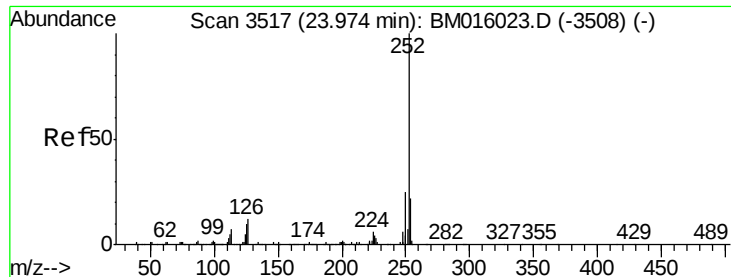


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.913 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

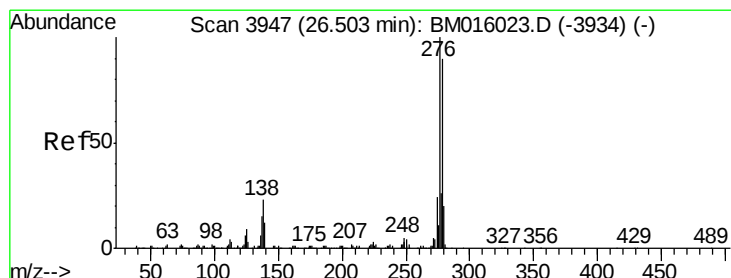
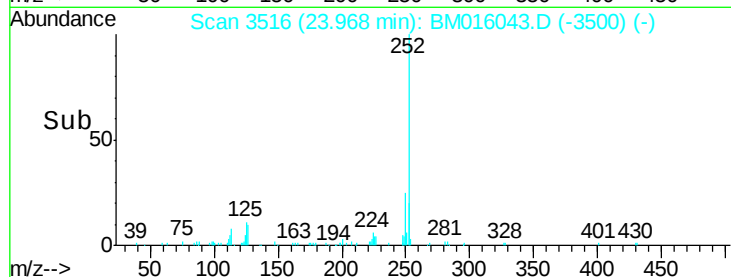
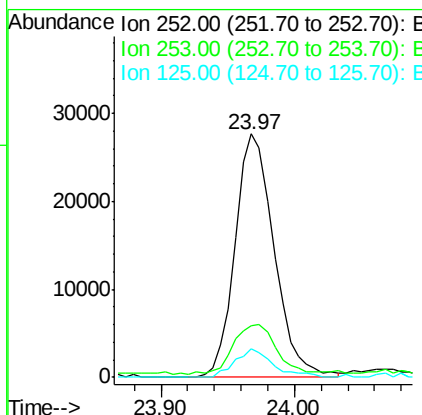
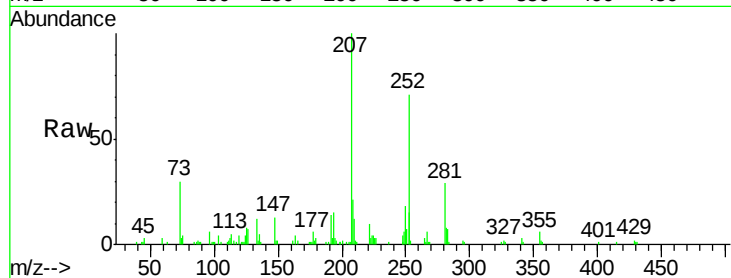
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion:	252	Resp:	56149
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.6	26.4
125	11.5	7.4	11.2#



#90

Dibenzo(a,h)anthracene

Concen: 4.833 ng

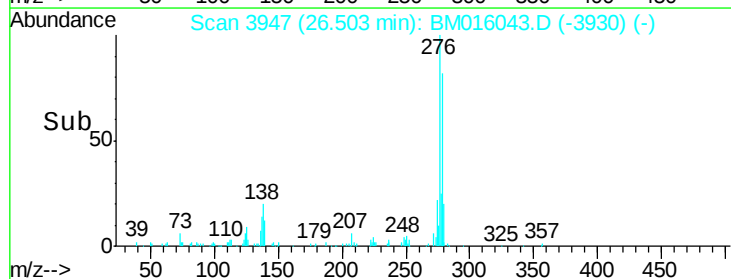
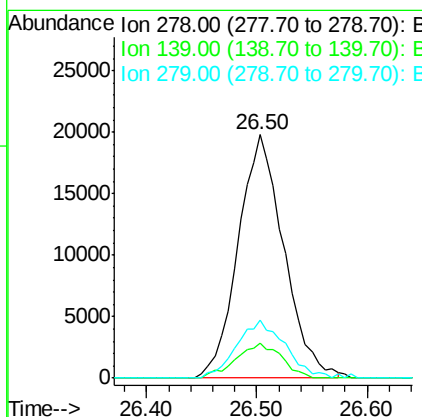
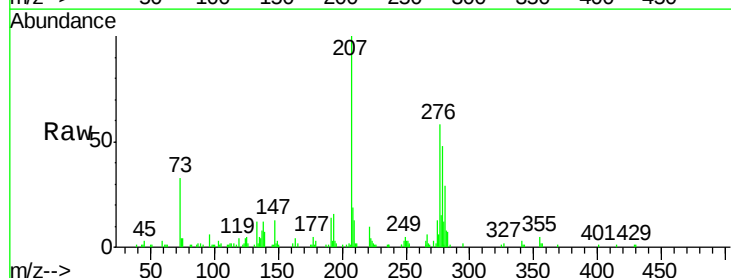
RT: 26.50 min Scan# 3947

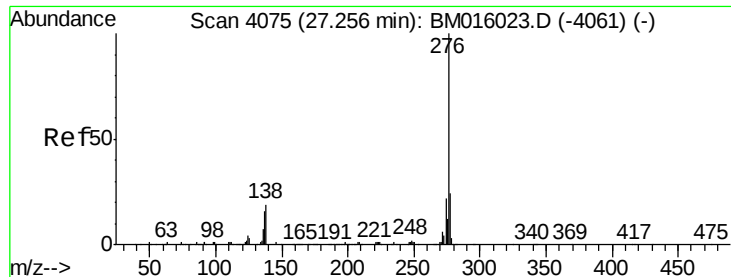
Delta R.T. -0.00 min

Lab File: BM016043.D

Acq: 24 Jul 2018 01:45

Tgt Ion:	278	Resp:	57229
Ion Ratio	Lower	Upper	
278	100		
139	14.4	13.4	20.0
279	24.0	19.0	28.4





#91
 Benzo(g,h,i)perylene
 Concen: 4.968 ng
 RT: 27.24 min Scan# 4073
 Delta R.T. -0.01 min
 Lab File: BM016043.D
 Acq: 24 Jul 2018 01:45

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

Tgt Ion: 276 Resp: 55640
 Ion Ratio Lower Upper
 276 100
 277 22.1 18.5 27.7
 138 16.7 19.0 28.6#

