

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016044.D
 Acq On : 24 Jul 2018 02:21
 Operator : SJ/JU
 Sample : J3762-07
 Misc : LOD 8 PPM
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jul 24 06:10:17 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	41478	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	157224	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	82659	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	176016	20.00	ng	0.00
75) Chrysene-d12	21.70	240	189160	20.00	ng	0.00
86) Perylene-d12	24.07	264	201271	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.74	112	325210	130.24	ng	0.00
7) Phenol-d6	7.39	99	395134	121.17	ng	0.00
23) Nitrobenzene-d5	9.42	82	299721	88.67	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	135738	129.47	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	595169	87.61	ng	0.00
78) Terphenyl-d14	20.15	244	1096858	121.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	7403	6.328	ng	# 100
3) Pyridine	3.99	79	15004	5.324	ng	# 67
4) n-Nitrosodimethylamine	3.89	42	14465	6.580	ng	# 28
6) Aniline	7.56	93	17641	4.698	ng	# 84
8) 2-Chlorophenol	7.79	128	21356	7.196	ng	# 84
9) Benzaldehyde	7.38	77	19713	8.604	ng	# 73
10) Phenol	7.41	94	23939	7.342	ng	# 94
11) bis(2-Chloroethyl)ether	7.65	93	18014	6.993	ng	# 88
12) 1,3-Dichlorobenzene	8.12	146	23753	6.838	ng	# 90
13) 1,4-Dichlorobenzene	8.27	146	24580	6.977	ng	# 94
14) 1,2-Dichlorobenzene	8.58	146	22818	6.619	ng	# 88
15) Benzyl Alcohol	8.49	79	13414	5.166	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.75	45	27159	6.889	ng	# 95
17) 2-Methylphenol	8.69	107	15463	6.938	ng	# 86
18) Hexachloroethane	9.30	117	10345	6.793	ng	# 96
19) n-Nitroso-di-n-propylamine	9.05	70	14457	6.066	ng	# 81
20) 3+4-Methylphenols	9.02	107	18307	5.709	ng	# 91
22) Acetophenone	9.07	105	29425	7.433	ng	# 83
24) Nitrobenzene	9.46	77	23971	7.045	ng	# 96
25) Isophorone	9.98	82	36648	7.926	ng	# 97
26) 2-Nitrophenol	10.18	139	7865	5.537	ng	# 53
27) 2,4-Dimethylphenol	10.22	122	16865	8.523	ng	# 88
28) bis(2-Chloroethoxy)methane	10.46	93	22632	7.531	ng	# 94
29) 2,4-Dichlorophenol	10.72	162	16853	7.167	ng	# 97
30) 1,2,4-Trichlorobenzene	10.91	180	21042	7.365	ng	# 94
31) Naphthalene	11.10	128	63414	7.969	ng	# 98
32) Benzoic acid	10.33	122	6735	4.465	ng	# 76
33) 4-Chloroaniline	11.23	127	14581	4.490	ng	# 88
34) Hexachlorobutadiene	11.36	225	14136	7.133	ng	# 98
35) Caprolactam	12.01	113	2672	4.103	ng	# 84
36) 4-Chloro-3-methylphenol	12.34	107	16790	6.492	ng	# 91
37) 2-Methylnaphthalene	12.70	142	44023	8.259	ng	# 87
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	20679	7.348	ng	# 100
40) Hexachlorocyclopentadiene	13.02	237	6545	11.956	ng	# 98

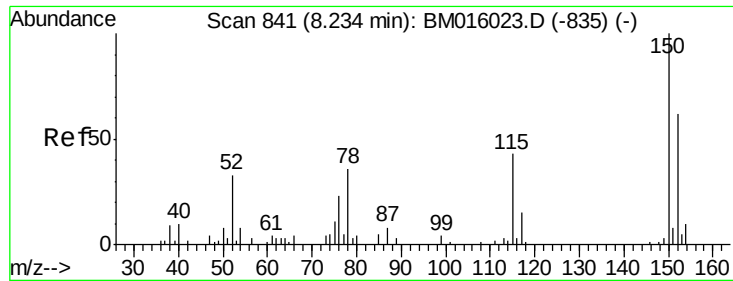
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016044.D
 Acq On : 24 Jul 2018 02:21
 Operator : SJ/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.31	196	11650	6.617	ng	96
43) 2,4,5-Trichlorophenol	13.39	196	12656	6.969	ng	# 84
45) 1,1'-Biphenyl	13.69	154	56020	7.510	ng	98
46) 2-Chloronaphthalene	13.75	162	42476	7.321	ng	# 90
47) 2-Nitroaniline	13.97	65	10880	5.672	ng	85
48) Acenaphthylene	14.58	152	66060	7.777	ng	97
49) Dimethylphthalate	14.30	163	53198	7.354	ng	97
50) 2,6-Dinitrotoluene	14.45	165	9677	6.649	ng	# 54
51) Acenaphthene	14.92	154	40486	7.750	ng	97
52) 3-Nitroaniline	14.79	138	7264	4.621	ng	84
53) 2,4-Dinitrophenol	15.02	184	2347	9.587	ng	99
54) Dibenzofuran	15.25	168	64073	7.443	ng	# 79
55) 4-Nitrophenol	15.12	139	4579	4.063	ng	# 81
56) 2,4-Dinitrotoluene	15.24	165	11910	5.723	ng	# 82
57) Fluorene	15.90	166	49699	7.769	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.48	232	11304	7.241	ng	# 100
59) Diethylphthalate	15.65	149	55370	7.101	ng	95
60) 4-Chlorophenyl-phenylether	15.88	204	25138	7.059	ng	# 78
61) 4-Nitroaniline	15.94	138	6743	4.470	ng	# 26
62) Azobenzene	16.17	77	57764	7.034	ng	78
64) 4,6-Dinitro-2-methylphenol	16.00	198	5035	4.713	ng	81
65) n-Nitrosodiphenylamine	16.10	169	42343	7.306	ng	95
66) 4-Bromophenyl-phenylether	16.77	248	13676	6.862	ng	# 62
67) Hexachlorobenzene	16.89	284	15791	7.194	ng	# 61
68) Atrazine	17.03	200	14602	7.029	ng	97
69) Pentachlorophenol	17.24	266	5702	4.195	ng	92
70) Phenanthrene	17.63	178	79042	8.021	ng	98
71) Anthracene	17.72	178	75624	7.896	ng	99
72) Carbazole	17.99	167	66802	6.733	ng	97
73) Di-n-butylphthalate	18.51	149	81043	6.555	ng	# 96
74) Fluoranthene	19.62	202	83909	7.633	ng	100
76) Benzidine	19.80	184	19574	3.703	ng	97
77) Pyrene	19.97	202	88068	7.769	ng	99
79) Butylbenzylphthalate	20.82	149	37865	6.575	ng	# 81
80) Benzo(a)anthracene	21.69	228	92571	7.946	ng	97
81) 3,3'-Dichlorobenzidine	21.62	252	22791	4.857	ng	97
82) Chrysene	21.74	228	88825	7.948	ng	99
83) Bis(2-ethylhexyl)phthalate	21.57	149	53815	6.448	ng	92
84) Di-n-octyl phthalate	22.48	149	94401	6.730	ng	# 89
85) Indeno(1,2,3-cd)pyrene	26.50	276	110352	8.321	ng	# 94
87) Benzo(b)fluoranthene	23.40	252	78714	6.642	ng	98
88) Benzo(k)fluoranthene	23.40	252	94332	7.855	ng	99
89) Benzo(a)pyrene	23.97	252	92342	8.106	ng	100
90) Dibenzo(a,h)anthracene	26.50	278	92030	7.797	ng	98
91) Benzo(g,h,i)perylene	27.25	276	90279	8.087	ng	# 93

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

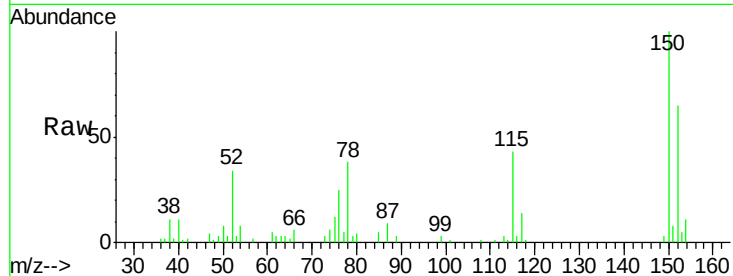


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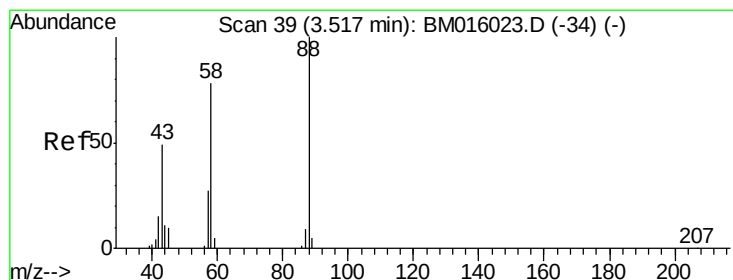
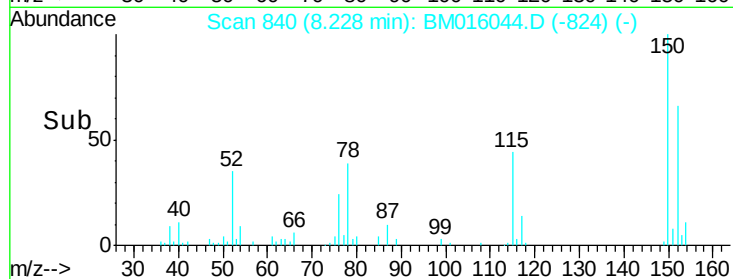
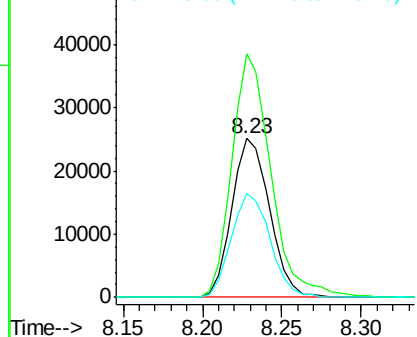
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

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

Tgt Ion:152 Resp: 41478
Ion Ratio Lower Upper
152 100
150 153.6 119.5 179.3
115 66.0 43.0 64.4#



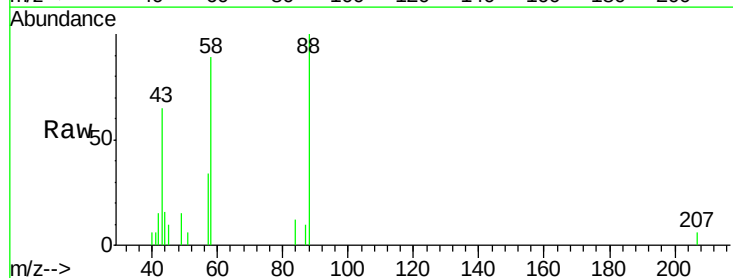
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



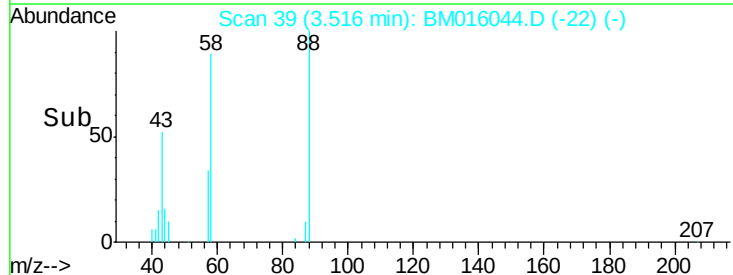
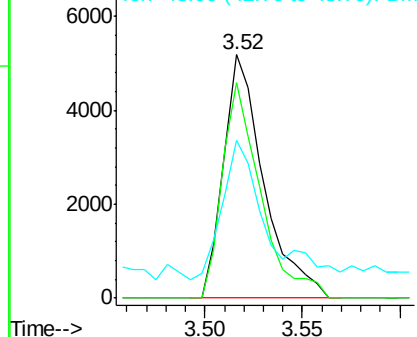
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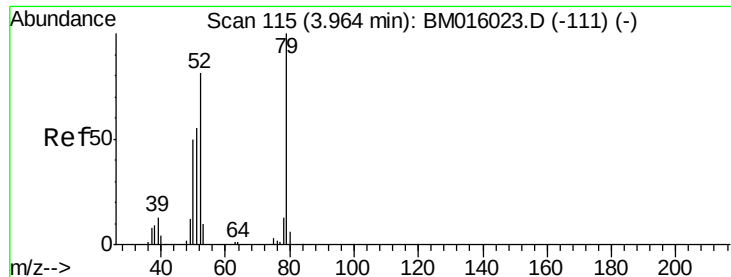
1,4-Dioxane
Concen: 6.328 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion: 88 Resp: 7403
Ion Ratio Lower Upper
88 100
58 84.3 0.0 0.0#
43 61.0 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

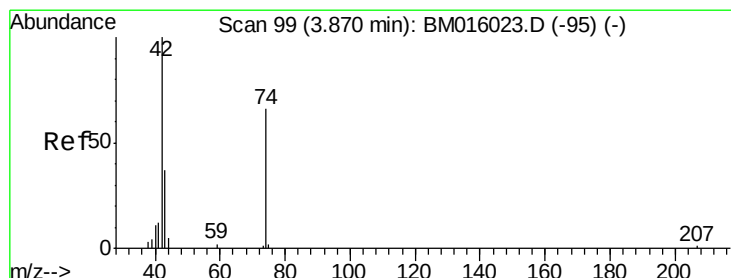
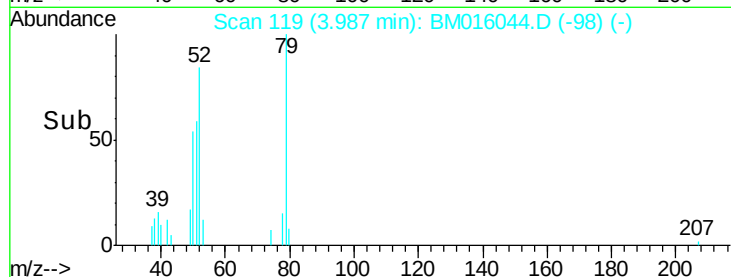
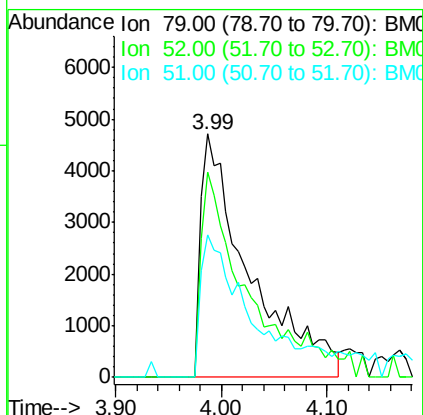
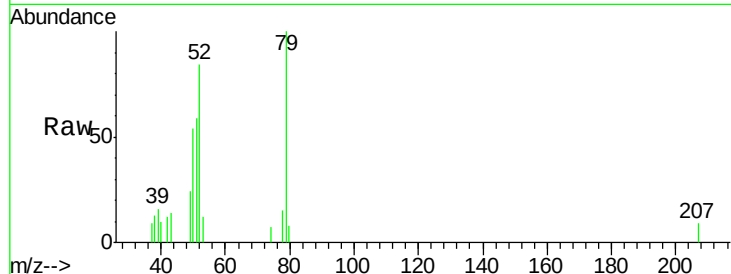




#3
 Pyridine
 Concen: 5.324 ng
 RT: 3.99 min Scan# 119
 Delta R.T. 0.02 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

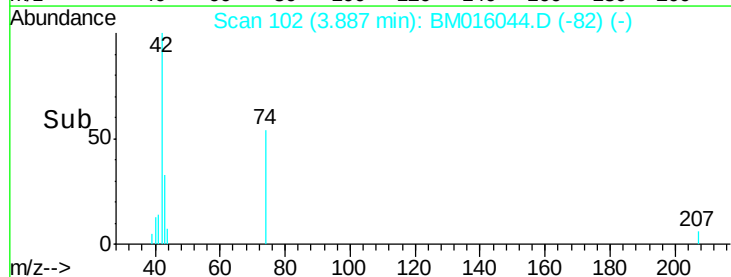
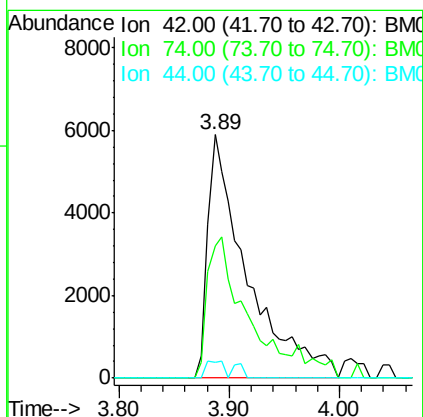
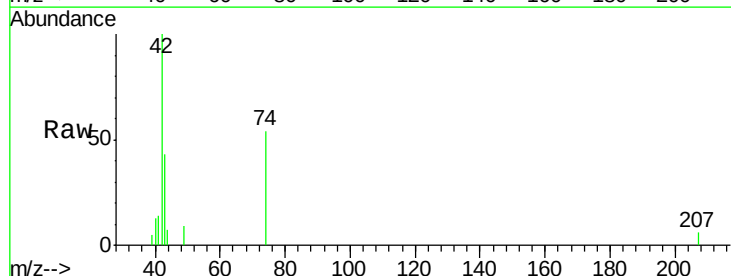
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

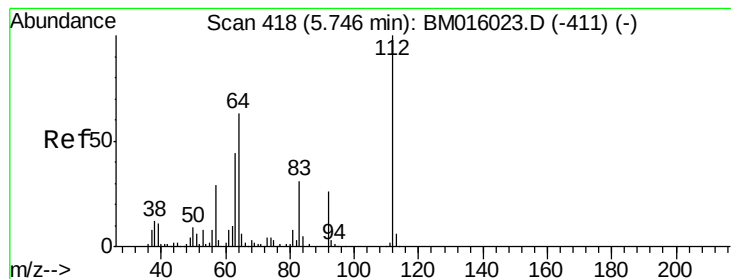
Tgt Ion: 79 Resp: 15004
 Ion Ratio Lower Upper
 79 100
 52 84.3 51.1 76.7#
 51 58.7 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 6.580 ng
 RT: 3.89 min Scan# 102
 Delta R.T. 0.02 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion: 42 Resp: 14465
 Ion Ratio Lower Upper
 42 100
 74 54.2 119.3 178.9#
 44 6.7 5.4 8.2





#5

2-Fluorophenol

Concen: 6.580 ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

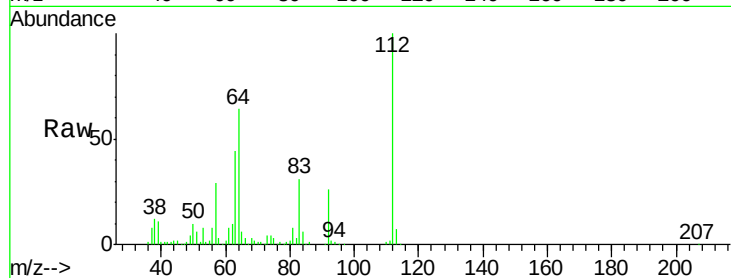
Tgt Ion: 112 Resp: 325210

Ion Ratio Lower Upper

112 100

64 64.0 38.6 57.8#

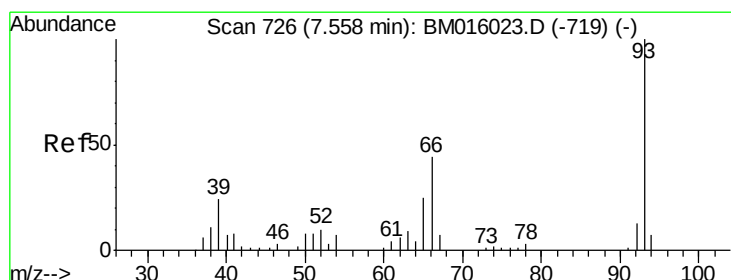
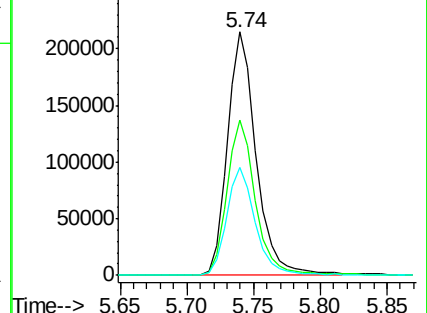
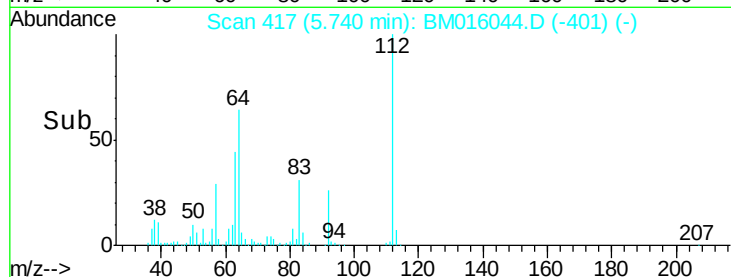
63 44.5 19.3 28.9#



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: 4.698 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

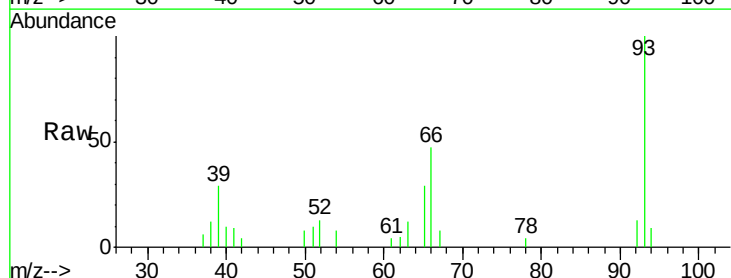
Tgt Ion: 93 Resp: 17641

Ion Ratio Lower Upper

93 100

66 47.0 30.8 46.2#

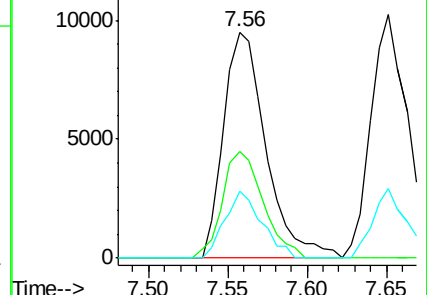
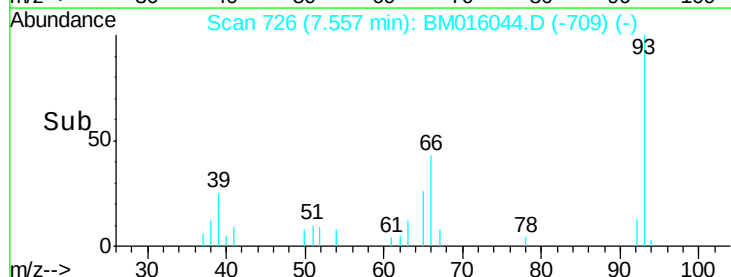
65 29.5 16.0 24.0#

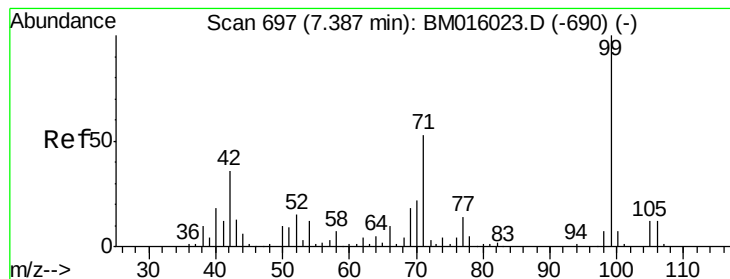


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 4.698 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

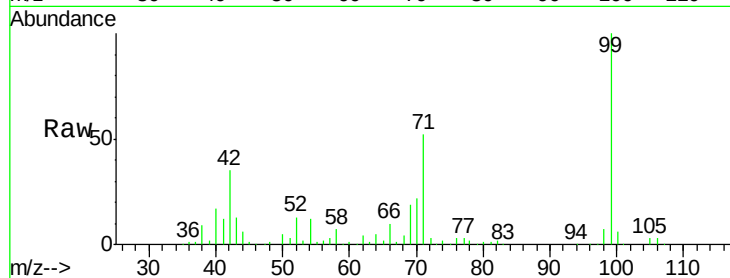
Tgt Ion: 99 Resp: 395134

Ion Ratio Lower Upper

99 100

42 35.1 11.0 16.4#

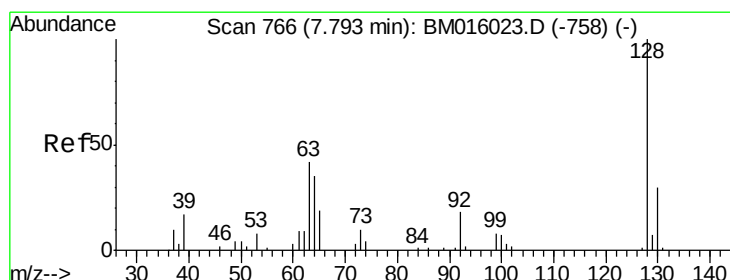
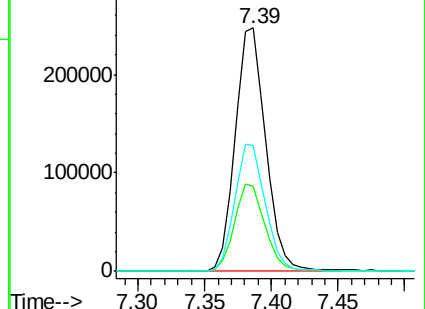
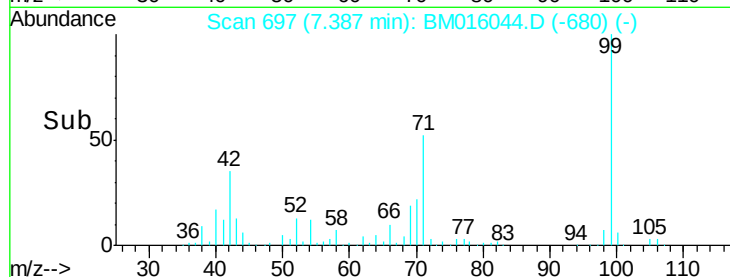
71 51.5 23.4 35.2#



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

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

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



#8

2-Chlorophenol

Concen: 7.196 ng

RT: 7.79 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

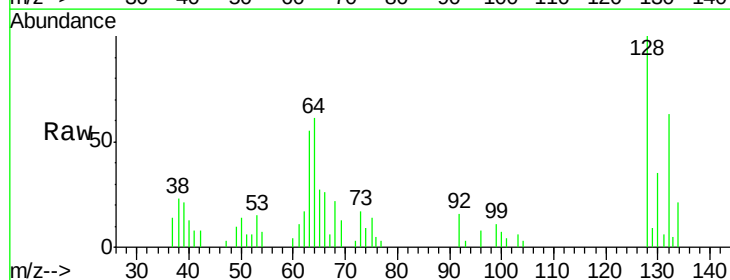
Tgt Ion: 128 Resp: 21356

Ion Ratio Lower Upper

128 100

130 35.2 12.0 52.0

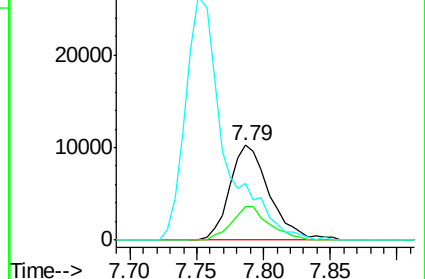
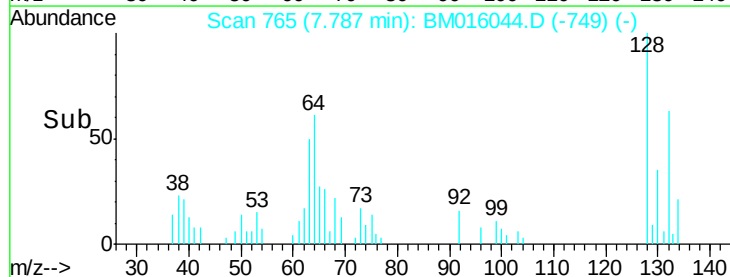
64 60.5 24.9 64.9

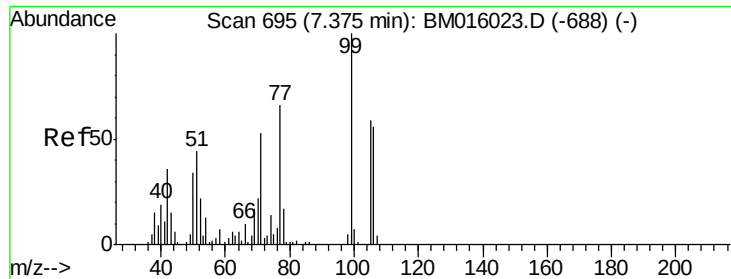


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

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

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





#9

Benzaldehyde

Concen: 8.604 ng

RT: 7.38 min Scan# 696

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

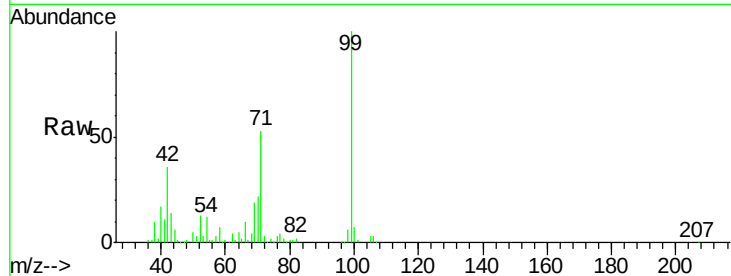
Tgt Ion: 77 Resp: 19713

Ion Ratio Lower Upper

77 100

105 70.3 78.8 118.8#

106 68.5 73.7 113.7#

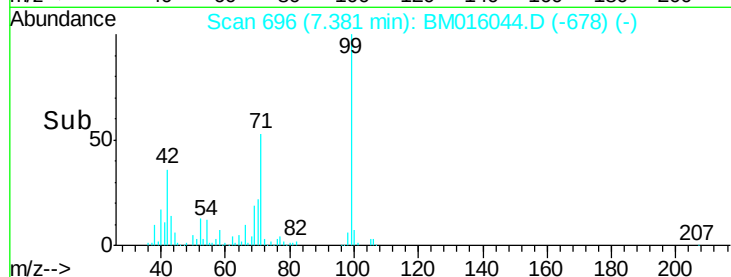


Abundance Ion 77.00 (76.70 to 77.70): BM016023.D (-688) (-)

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

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

Time-->



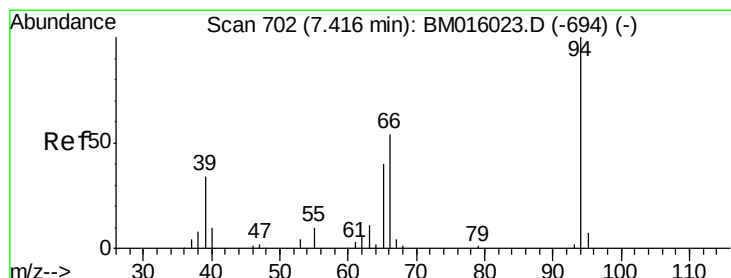
Abundance

Ion 77.00 (76.70 to 77.70): BM016044.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016044.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016044.D (-678) (-)

Time-->



#10

Phenol

Concen: 7.342 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

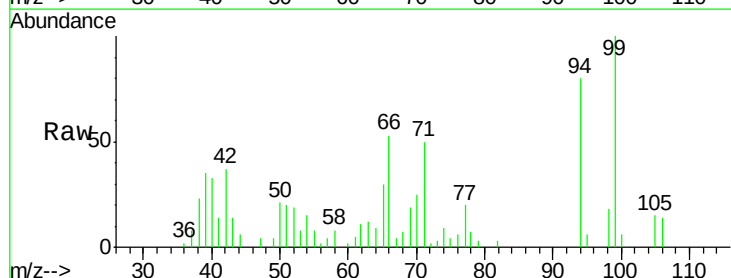
Tgt Ion: 94 Resp: 23939

Ion Ratio Lower Upper

94 100

65 37.5 18.8 58.8

66 66.6 39.9 79.9

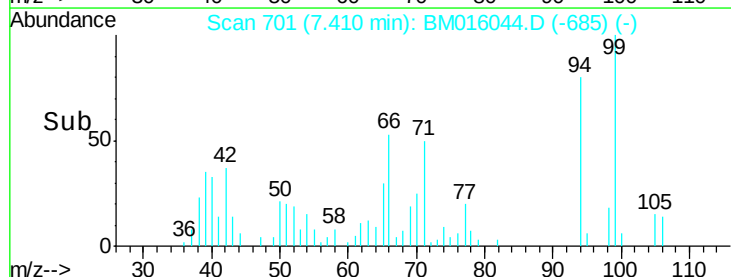


Abundance Ion 94.00 (93.70 to 94.70): BM016023.D (-694) (-)

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

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

Time-->



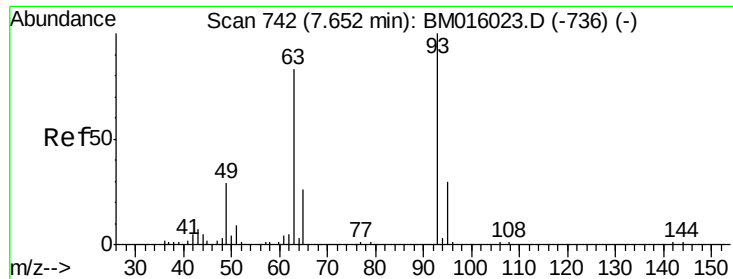
Abundance

Ion 94.00 (93.70 to 94.70): BM016044.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM016044.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016044.D (-685) (-)

Time-->



#11

bis(2-Chloroethyl)ether

Concen: 6.993 ng

RT: 7.65 min Scan# 742

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

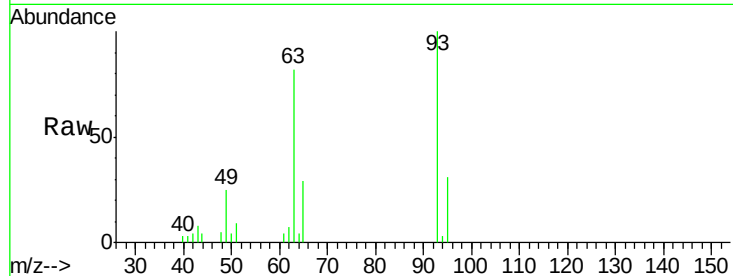
Tgt Ion: 93 Resp: 18014

Ion Ratio Lower Upper

93 100

63 82.2 49.5 89.5

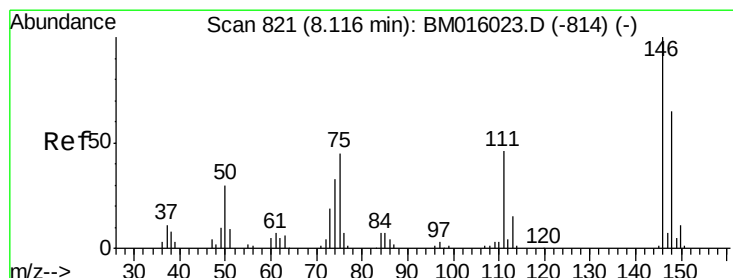
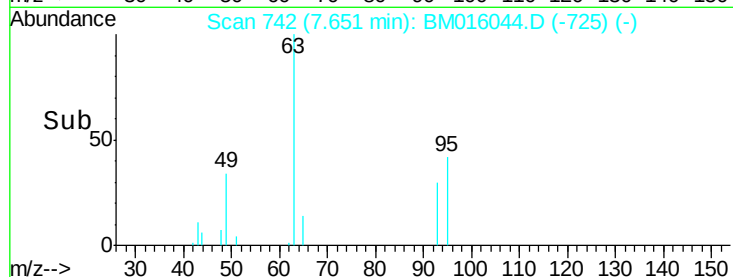
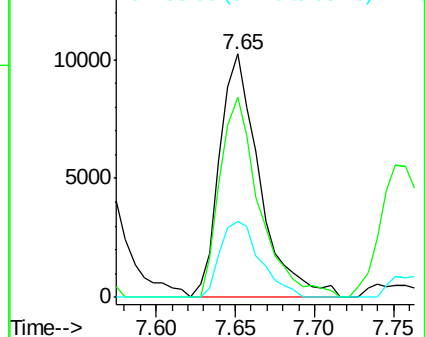
95 31.1 13.5 53.5



Abundance Ion 93.00 (92.70 to 93.70): BM016023.D (-736) (-)

Ion 63.00 (62.70 to 63.70): BM016023.D (-736) (-)

Ion 95.00 (94.70 to 95.70): BM016023.D (-736) (-)



#12

1,3-Dichlorobenzene

Concen: 6.838 ng

RT: 8.12 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

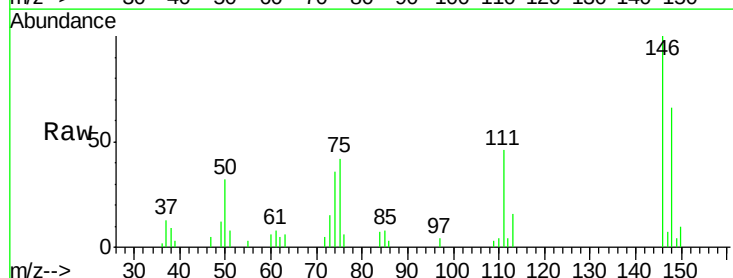
Tgt Ion: 146 Resp: 23753

Ion Ratio Lower Upper

146 100

148 65.7 50.9 76.3

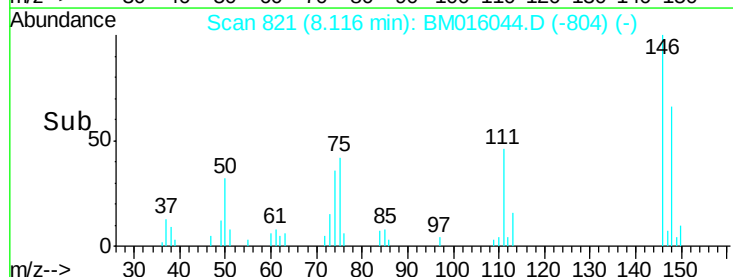
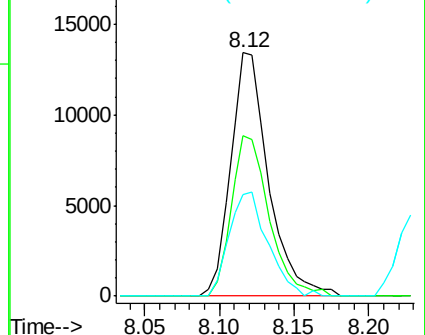
75 41.6 21.4 32.2#

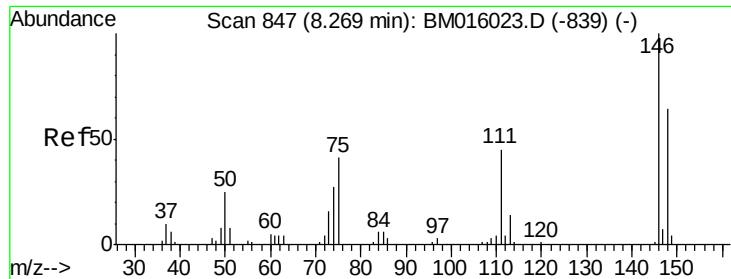


Abundance Ion 146.00 (145.70 to 146.70): BM016023.D (-814) (-)

Ion 148.00 (147.70 to 148.70): BM016023.D (-814) (-)

Ion 75.00 (74.70 to 75.70): BM016023.D (-814) (-)

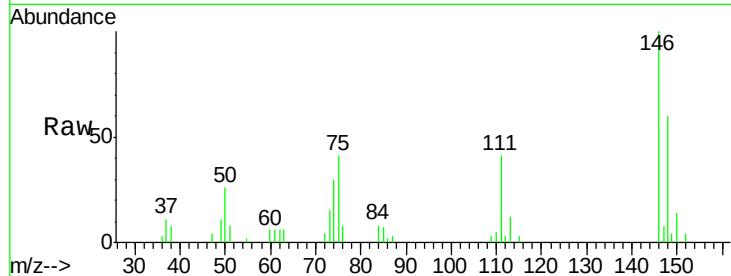




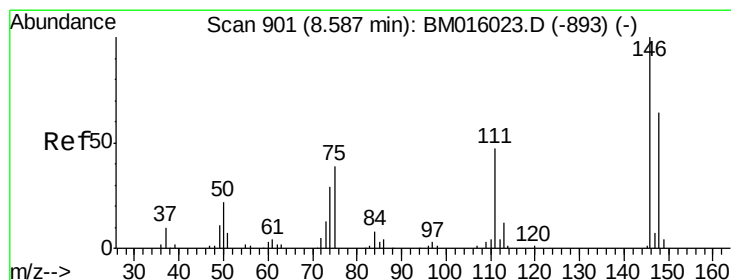
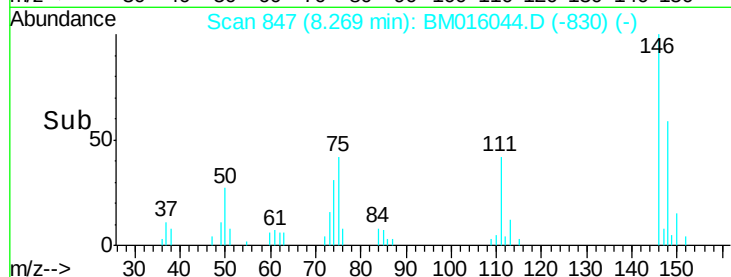
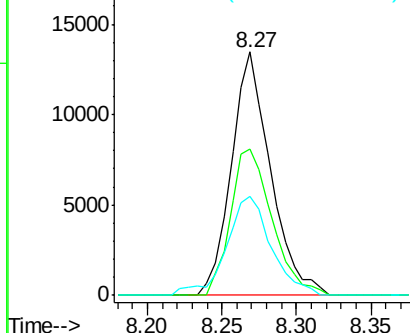
#13
 1,4-Dichlorobenzene
 Concen: 6.977 ng
 RT: 8.27 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

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

Tgt Ion:146 Resp: 24580
 Ion Ratio Lower Upper
 146 100
 148 60.1 51.9 77.9
 111 40.6 29.2 43.8

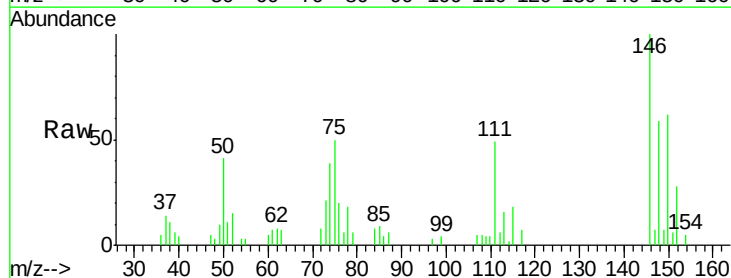


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

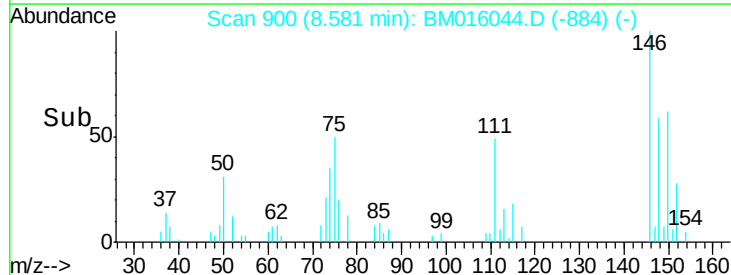
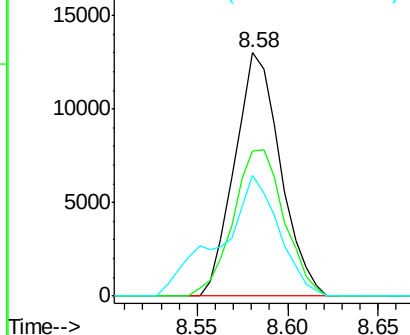


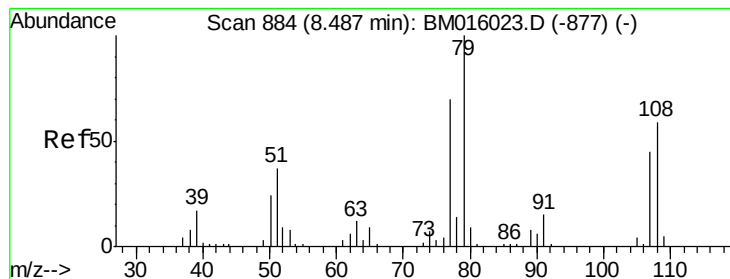
#14
 1,2-Dichlorobenzene
 Concen: 6.619 ng
 RT: 8.58 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:146 Resp: 22818
 Ion Ratio Lower Upper
 146 100
 148 59.4 52.3 78.5
 111 49.5 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: 5.166 ng

RT: 8.49 min Scan# 885

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

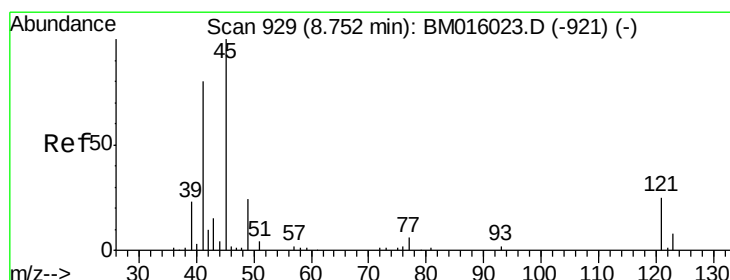
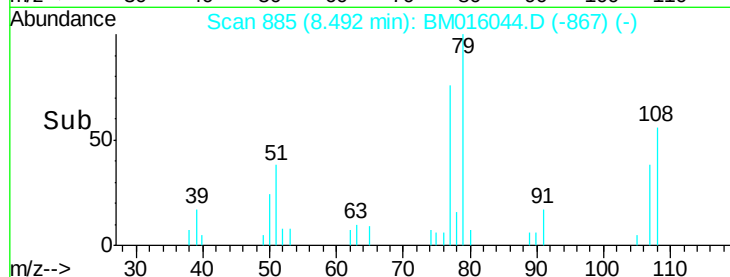
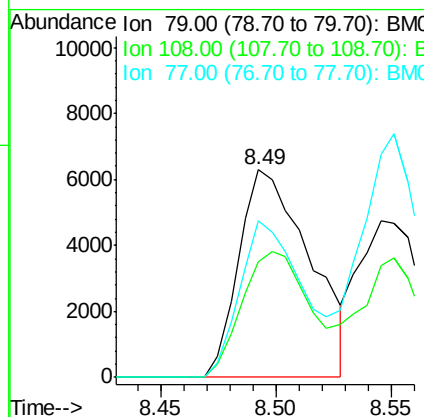
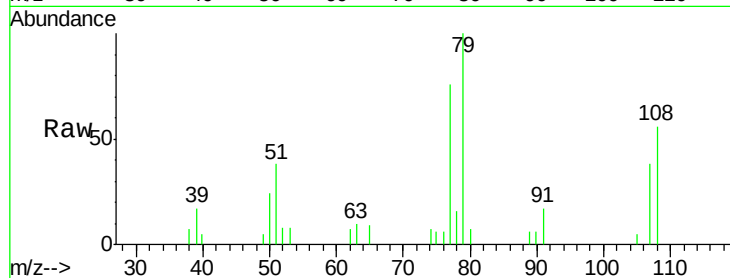
Tgt Ion: 79 Resp: 13414

Ion Ratio Lower Upper

79 100

108 55.8 65.0 97.4#

77 75.7 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.889 ng

RT: 8.75 min Scan# 928

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

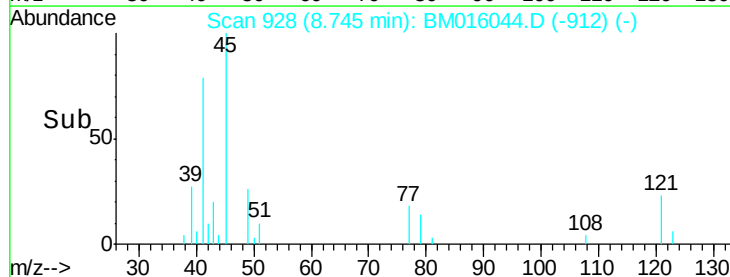
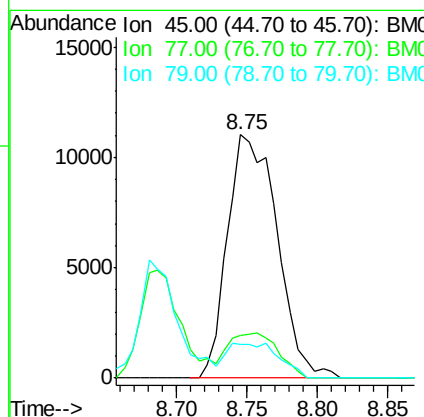
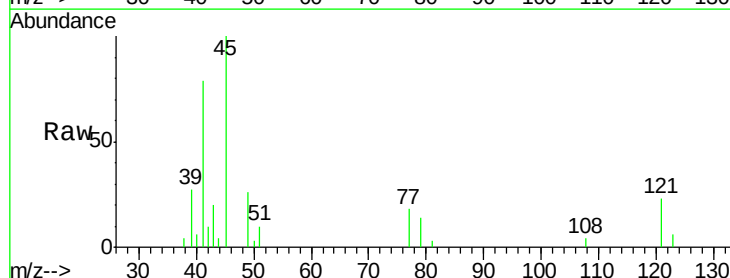
Tgt Ion: 45 Resp: 27159

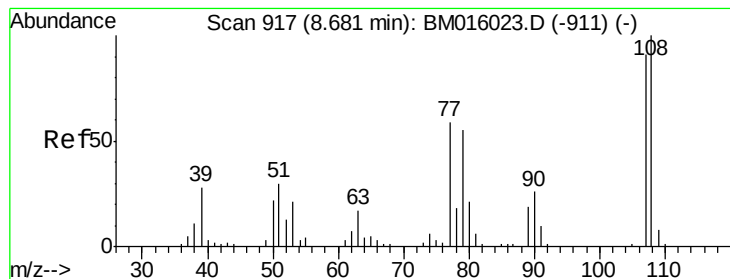
Ion Ratio Lower Upper

45 100

77 17.7 0.0 35.2

79 13.6 0.0 32.0





#17

2-Methylphenol

Concen: 6.938 ng

RT: 8.69 min Scan# 918

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

Tgt Ion:107 Resp: 15463

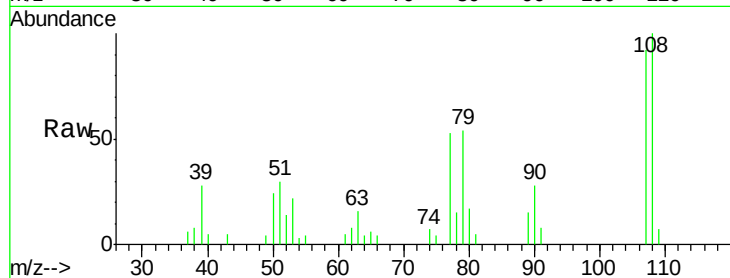
Ion Ratio Lower Upper

107 100

108 108.8 89.8 134.8

77 58.1 32.6 48.8#

79 58.5 32.8 49.2#



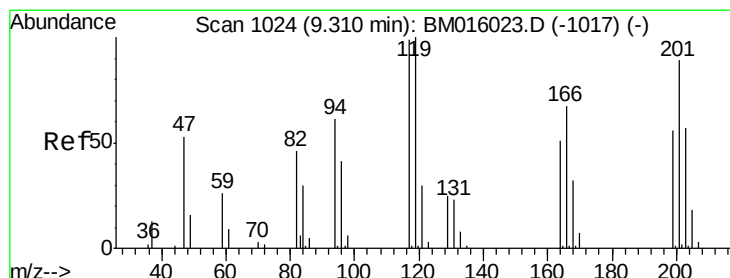
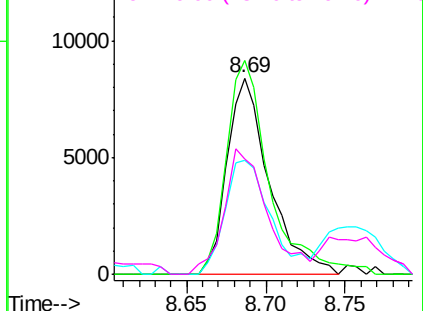
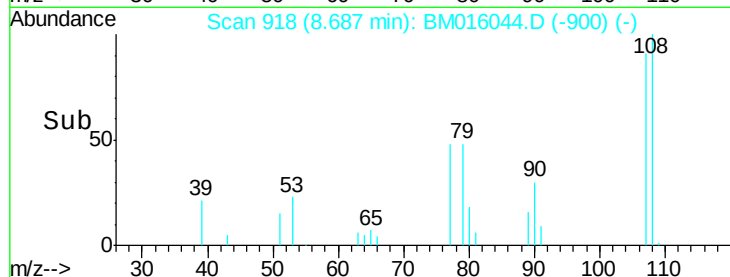
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 6.793 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

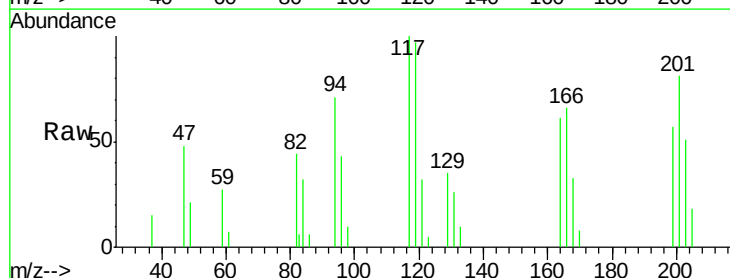
Tgt Ion:117 Resp: 10345

Ion Ratio Lower Upper

117 100

119 97.1 79.2 118.8

201 80.8 69.8 104.6

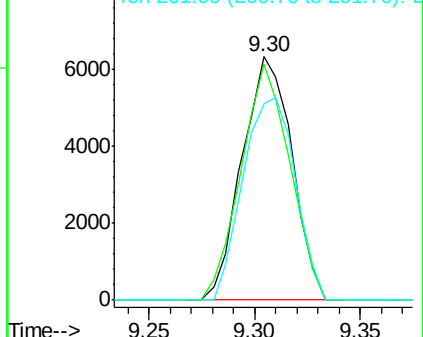
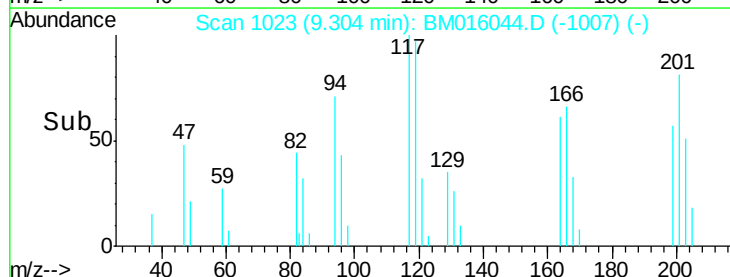


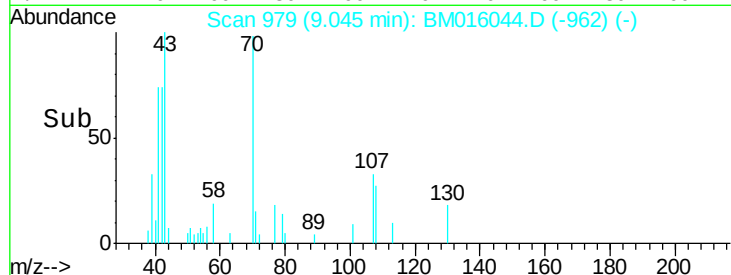
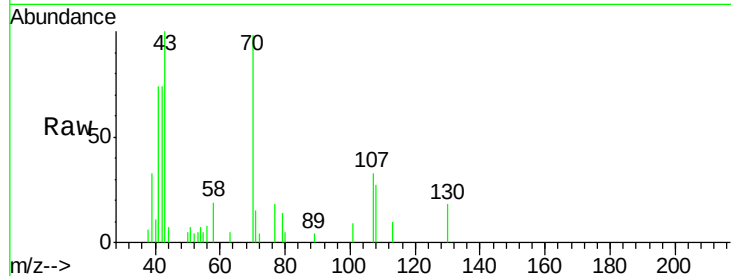
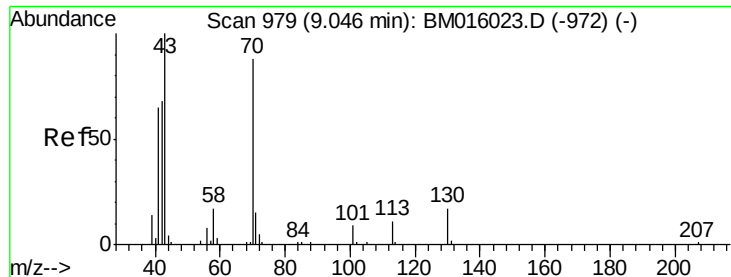
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

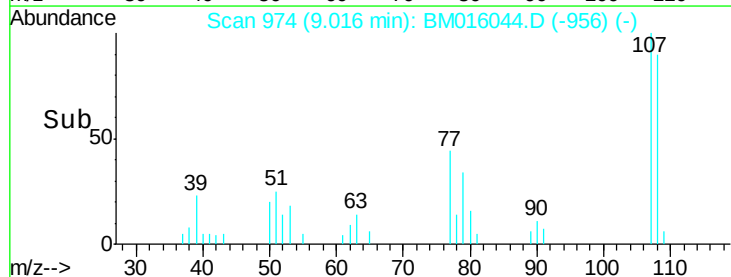
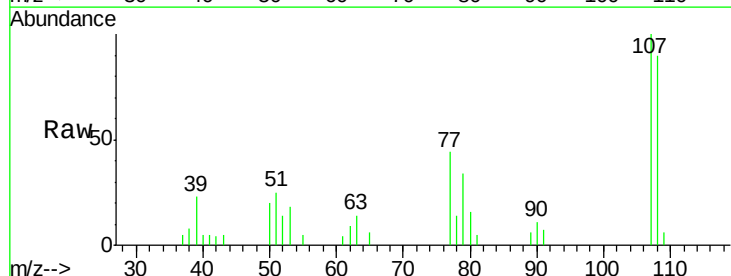
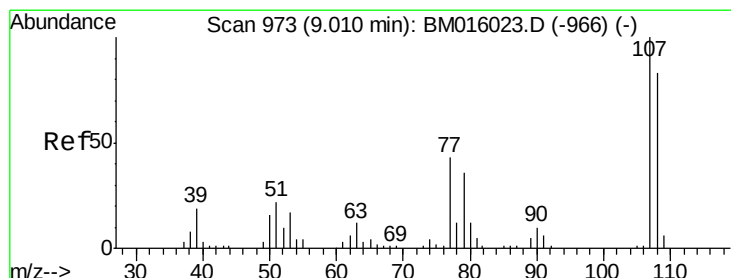
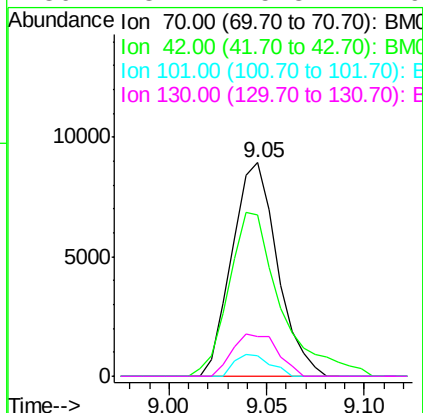




#19
n-Nitroso-di-n-propylamine
Concen: 6.066 ng
RT: 9.05 min Scan# 979
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

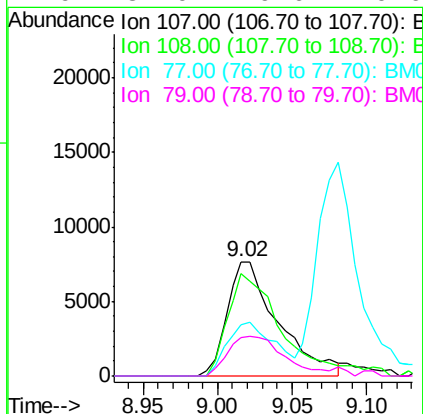
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

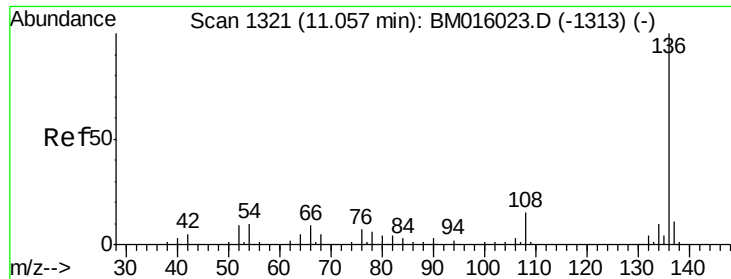
Tgt Ion:	70	Resp:	14457
Ion	Ratio	Lower	Upper
70	100		
42	75.8	44.5	66.7#
101	9.3	7.4	11.2
130	18.4	15.3	22.9



#20
3+4-Methylphenols
Concen: 5.709 ng
RT: 9.02 min Scan# 974
Delta R.T. 0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:	107	Resp:	18307
Ion	Ratio	Lower	Upper
107	100		
108	89.7	73.2	113.2
77	44.3	10.7	50.7
79	34.0	9.6	49.6

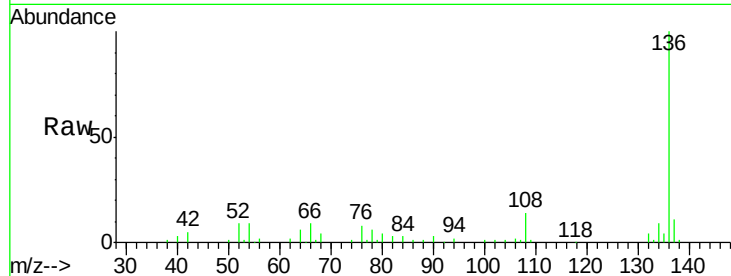




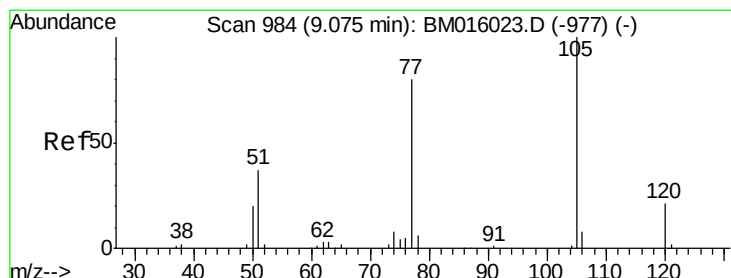
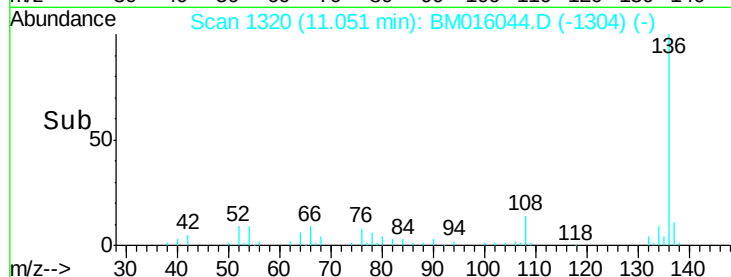
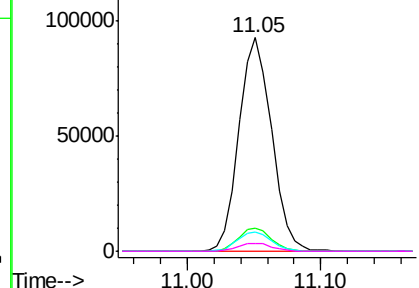
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

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

Tgt Ion:	136	Resp:	157224
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	9.3	4.6	6.8#
68	3.8	3.7	5.5

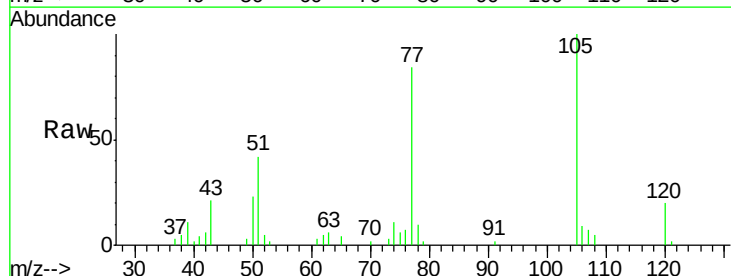


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

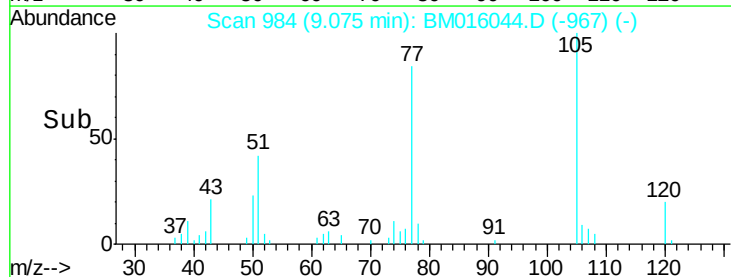
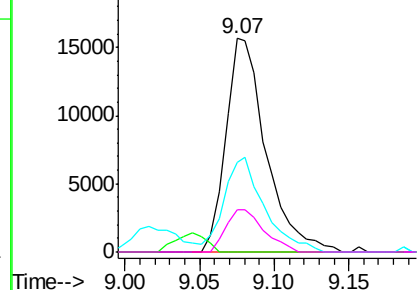


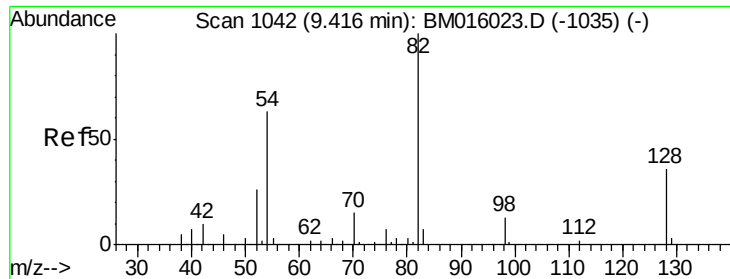
#22
Acetophenone
Concen: 7.433 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:	105	Resp:	29425
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	41.8	21.6	32.4#
120	19.6	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

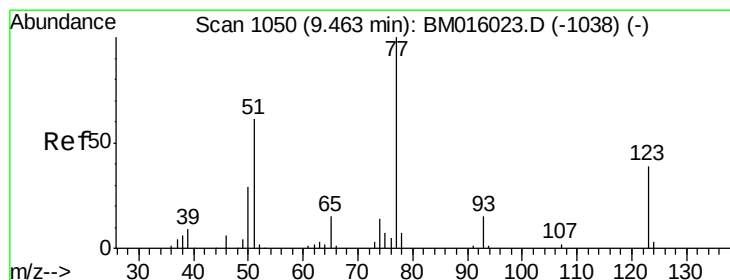
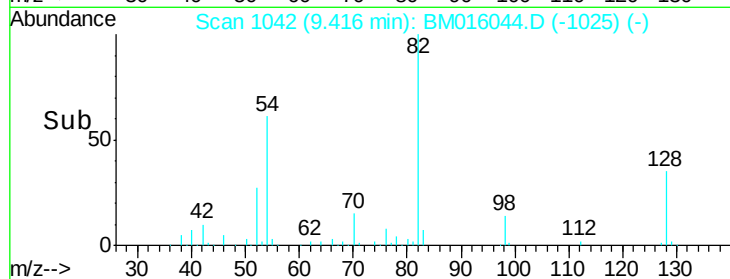
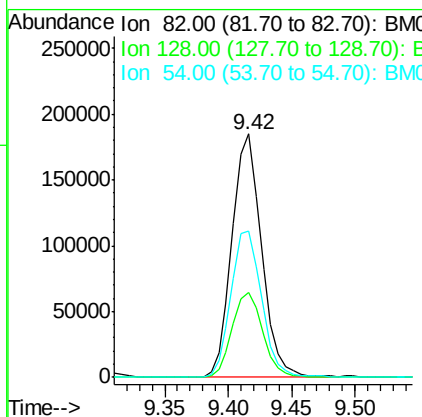
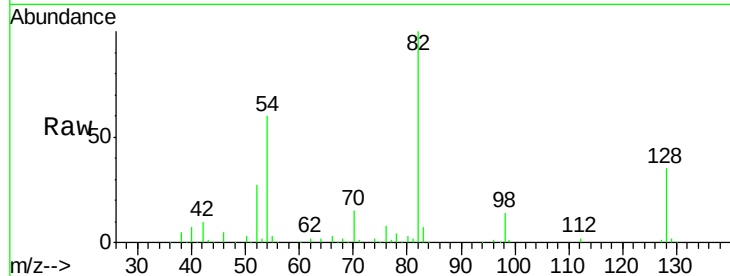




#23
 Nitrobenzene-d5
 Concen: 7.433 ng
 RT: 9.42 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

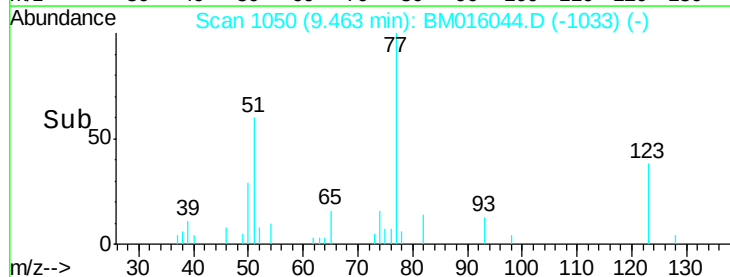
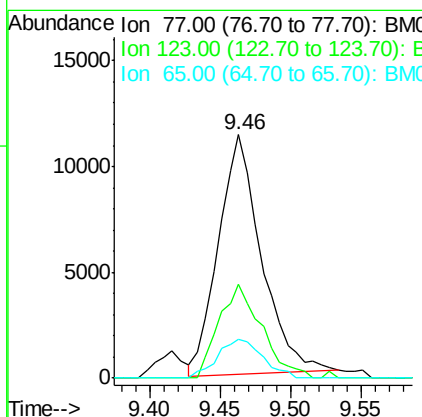
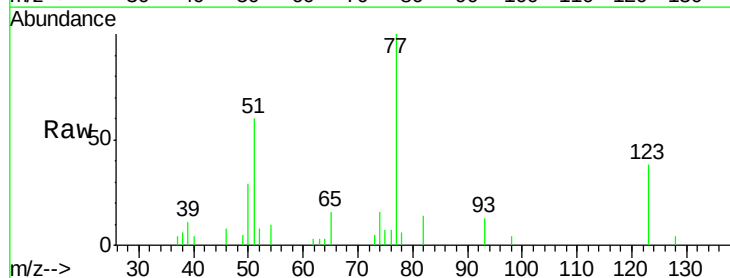
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

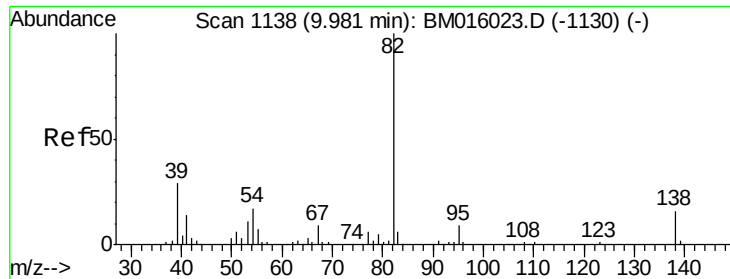
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.0	32.8	49.2
54	60.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 7.045 ng
 RT: 9.46 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	32.6	49.0
65	15.7	10.9	16.3





#25

Isophorone

Concen: 7.926 ng

RT: 9.98 min Scan# 1138

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

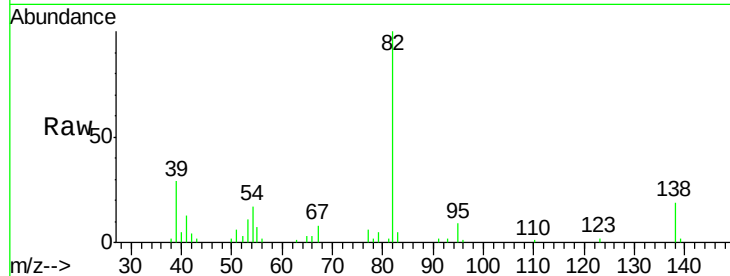
Tgt Ion: 82 Resp: 36648

Ion Ratio Lower Upper

82 100

95 9.0 5.8 8.6#

138 19.3 16.3 24.5

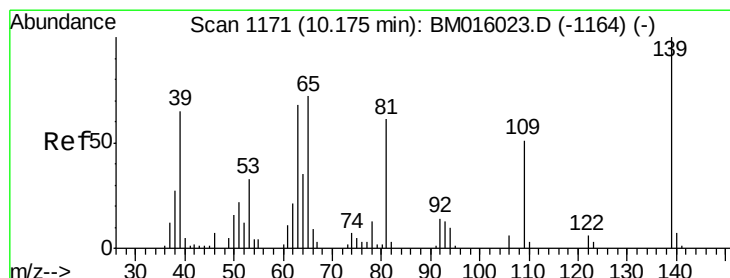
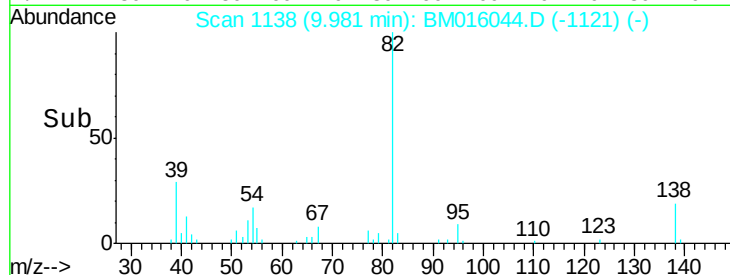


Abundance Ion 82.00 (81.70 to 82.70): BM016044.D (-1121) (-)

Ion 95.00 (94.70 to 95.70): BM016044.D (-1121) (-)

Ion 138.00 (137.70 to 138.70): BM016044.D (-1121) (-)

Time-->



#26

2-Nitrophenol

Concen: 5.537 ng

RT: 10.18 min Scan# 1172

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

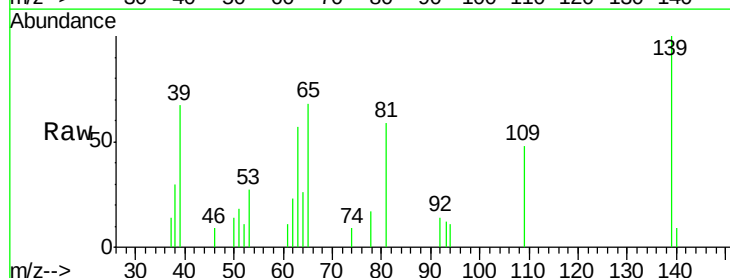
Tgt Ion: 139 Resp: 7865

Ion Ratio Lower Upper

139 100

109 48.5 20.1 30.1#

65 68.1 31.5 47.3#

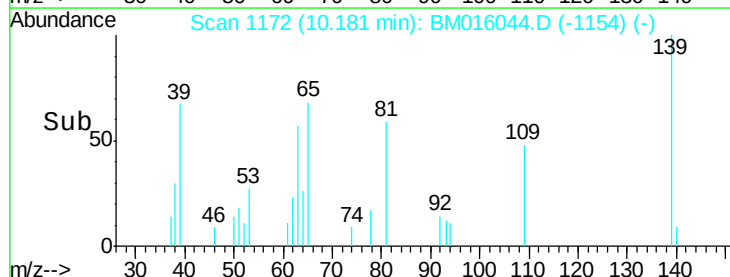


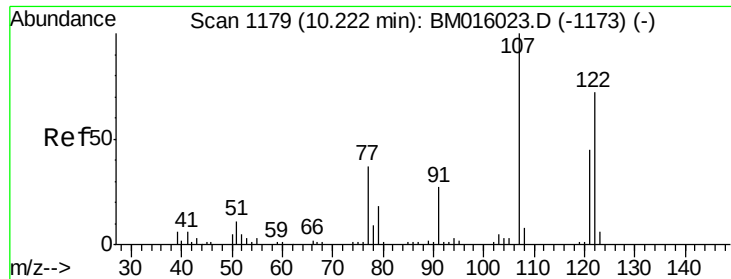
Abundance Ion 139.00 (138.70 to 139.70): BM016044.D (-1154) (-)

Ion 109.00 (108.70 to 109.70): BM016044.D (-1154) (-)

Ion 65.00 (64.70 to 65.70): BM016044.D (-1154) (-)

Time-->

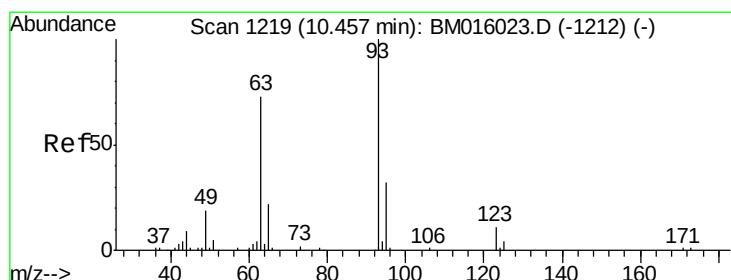
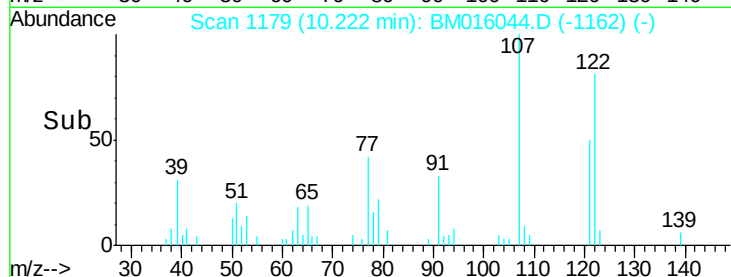
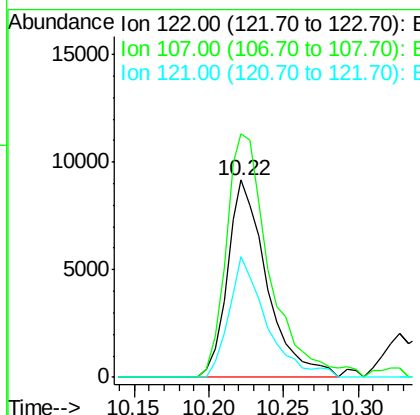
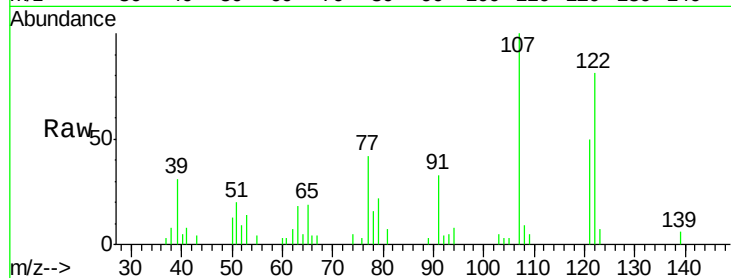




#27
 2,4-Dimethylphenol
 Concen: 8.523 ng
 RT: 10.22 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

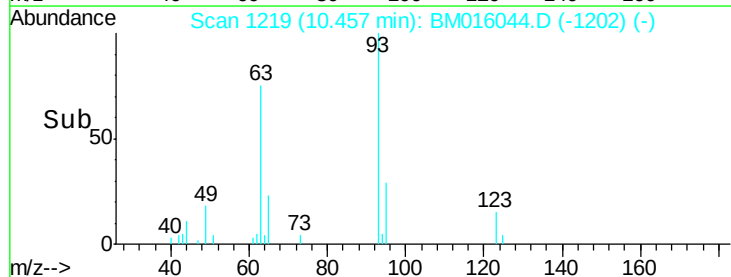
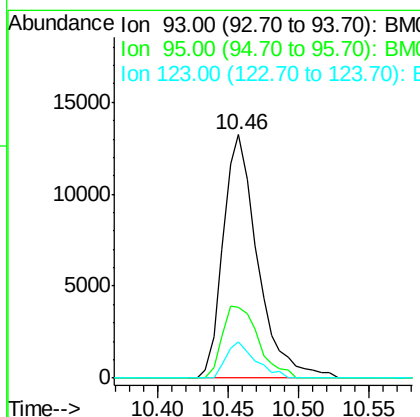
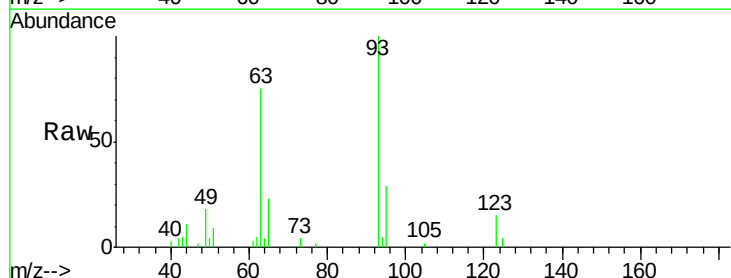
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

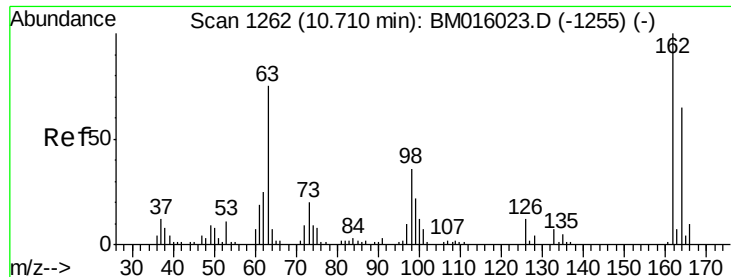
Tgt Ion: 122 Resp: 16865
 Ion Ratio Lower Upper
 122 100
 107 123.4 84.7 127.1
 121 61.4 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 7.531 ng
 RT: 10.46 min Scan# 1219
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion: 93 Resp: 22632
 Ion Ratio Lower Upper
 93 100
 95 29.2 25.5 38.3
 123 14.7 8.6 13.0#

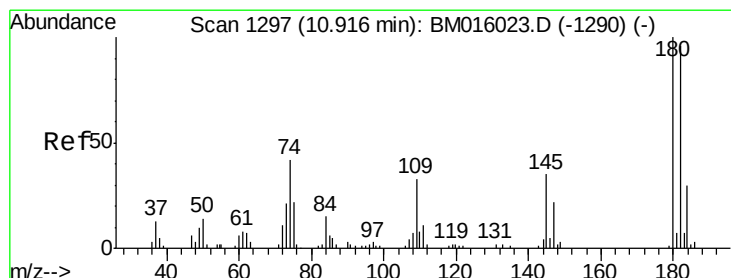
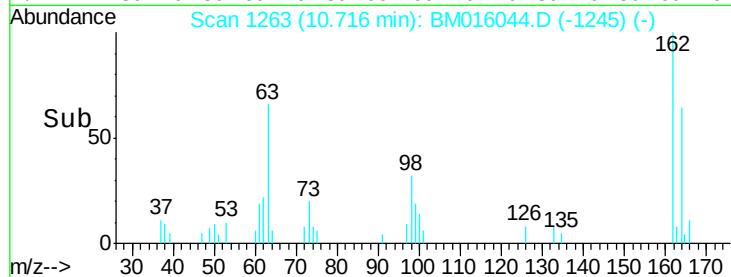
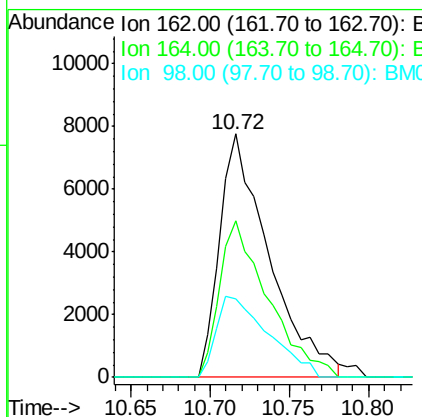
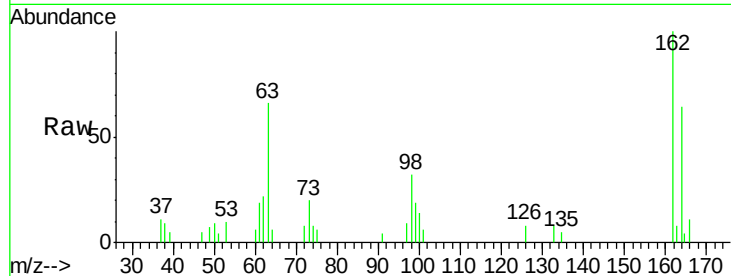




#29
 2,4-Dichlorophenol
 Concen: 7.167 ng
 RT: 10.72 min Scan# 1263
 Delta R.T. 0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

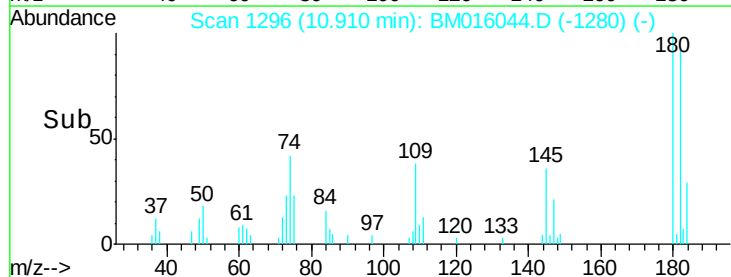
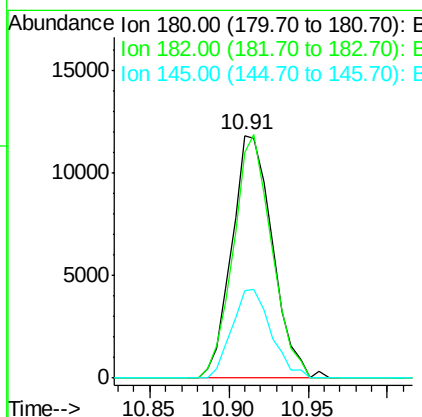
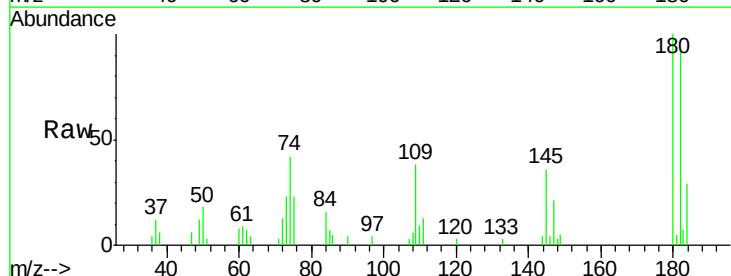
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

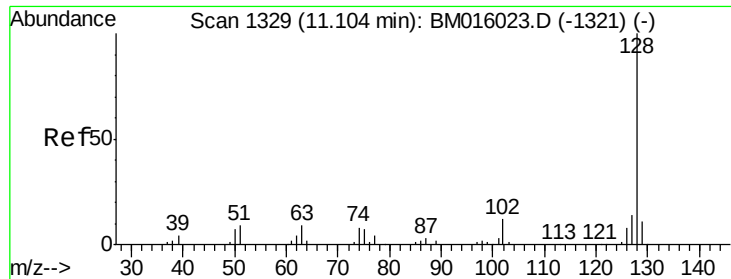
Tgt Ion:162 Resp: 16853
 Ion Ratio Lower Upper
 162 100
 164 64.4 42.8 82.8
 98 32.3 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 7.365 ng
 RT: 10.91 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:180 Resp: 21042
 Ion Ratio Lower Upper
 180 100
 182 93.1 77.6 116.4
 145 36.3 23.4 35.2#

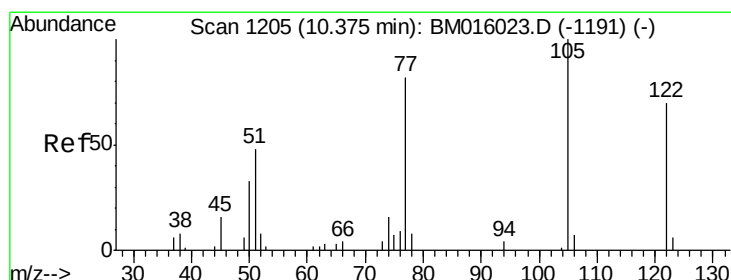
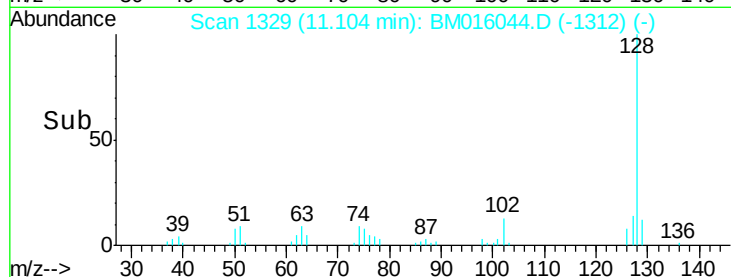
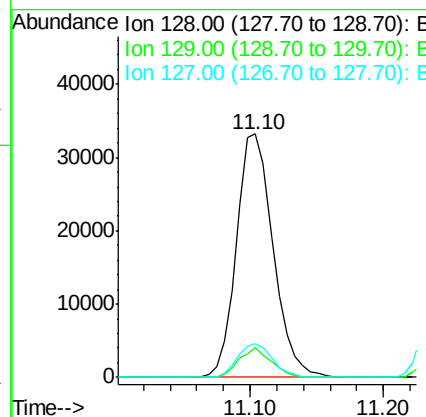
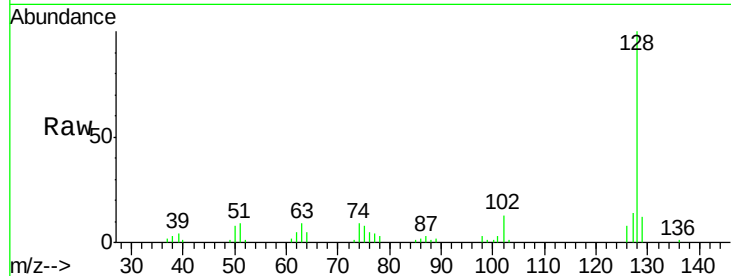




#31
Naphthalene
Concen: 7.969 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

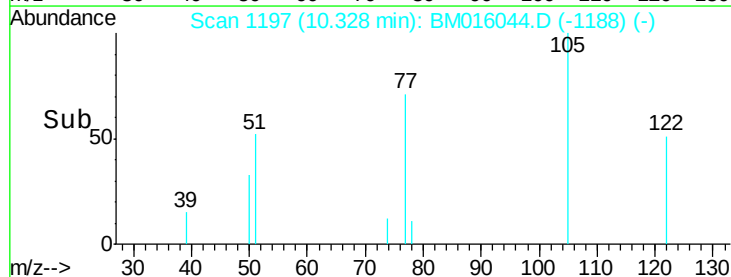
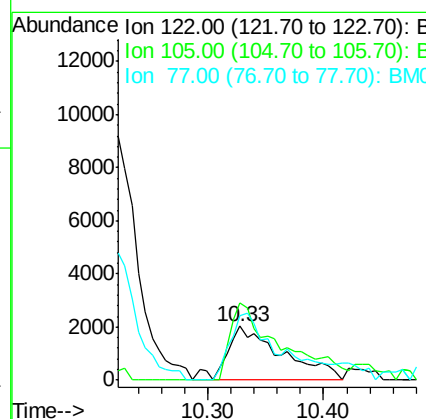
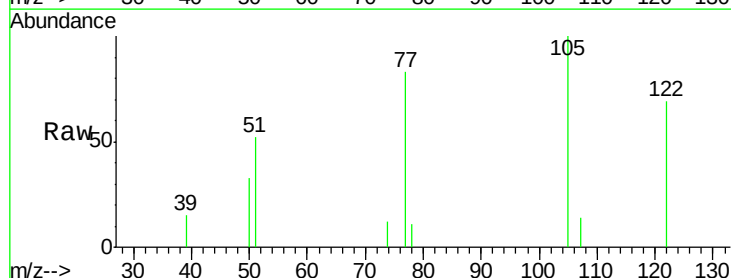
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

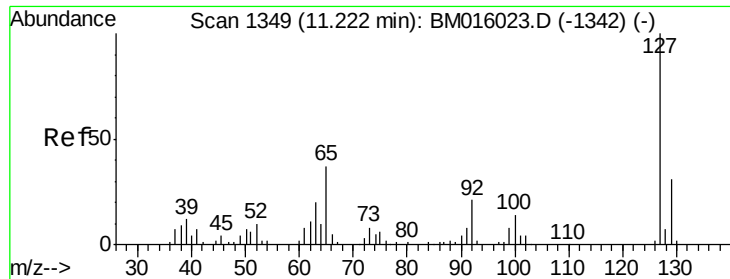
Tgt Ion:128 Resp: 63414
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.9 10.4 15.6



#32
Benzoic acid
Concen: 4.465 ng
RT: 10.33 min Scan# 1197
Delta R.T. -0.05 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:122 Resp: 6735
Ion Ratio Lower Upper
122 100
105 144.2 99.9 139.9#
77 119.6 73.7 113.7#

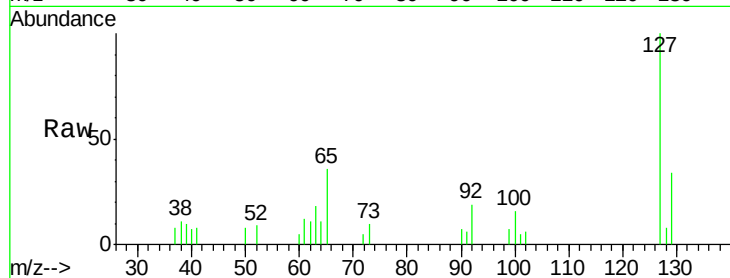




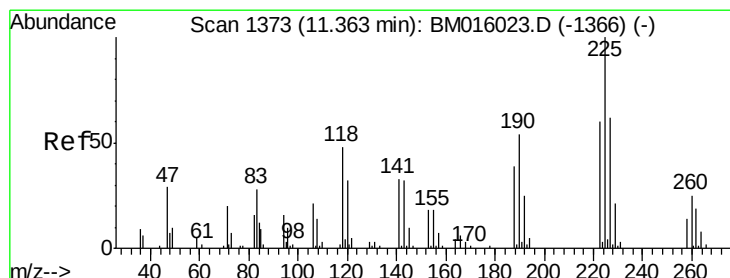
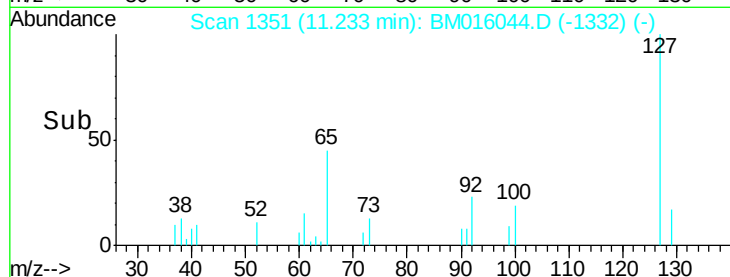
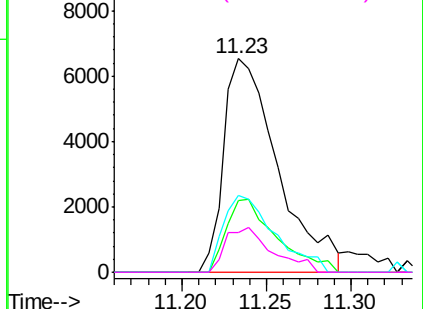
#33
4-Chloroaniline
Concen: 4.490 ng
RT: 11.23 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

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

Tgt Ion:	127	Resp:	14581
Ion	Ratio	Lower	Upper
127	100		
129	33.7	25.3	37.9
65	36.0	17.6	26.4
92	18.8	13.1	19.7

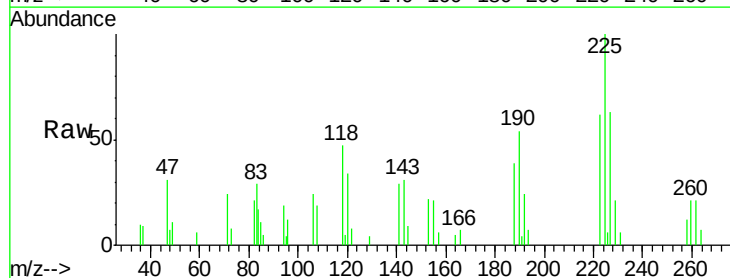


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

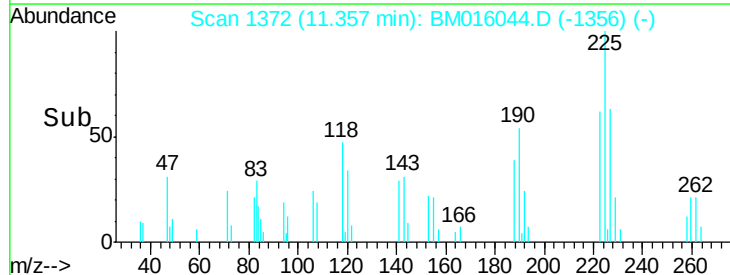
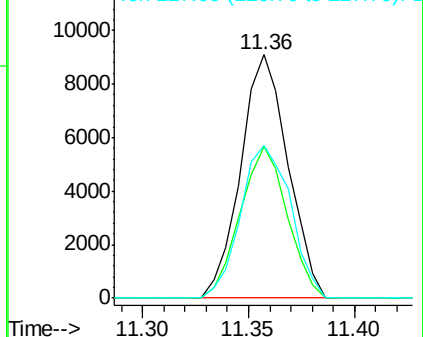


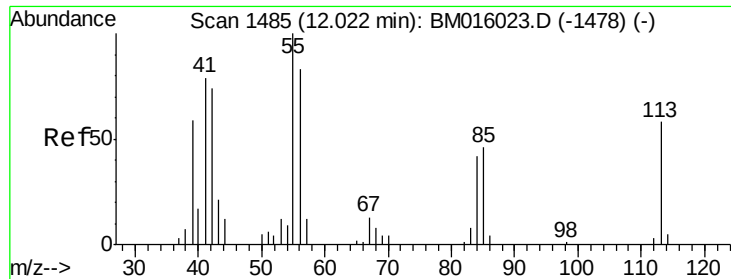
#34
Hexachlorobutadiene
Concen: 7.133 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:	225	Resp:	14136
Ion	Ratio	Lower	Upper
225	100		
223	62.0	47.9	71.9
227	62.9	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

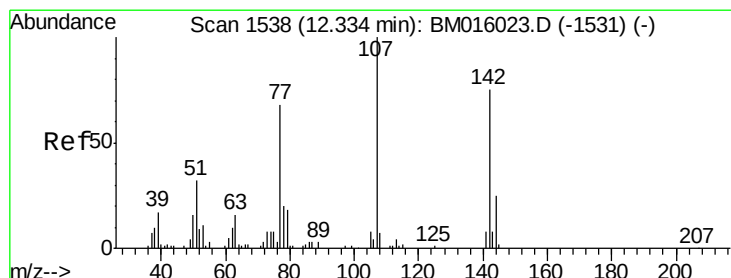
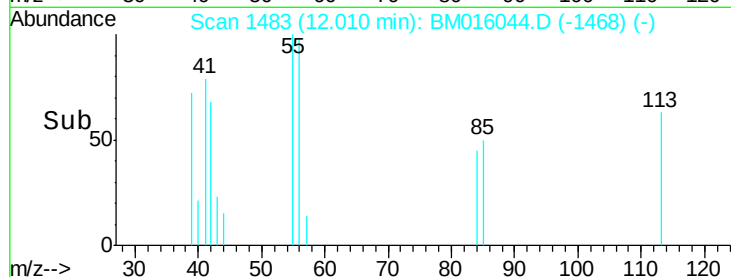
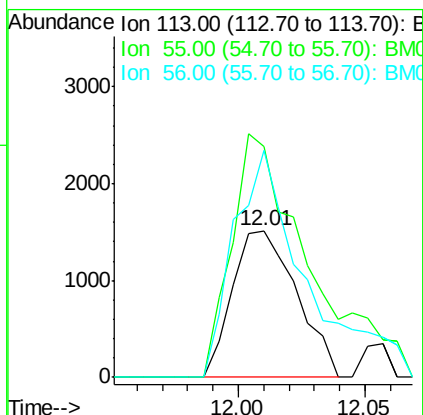
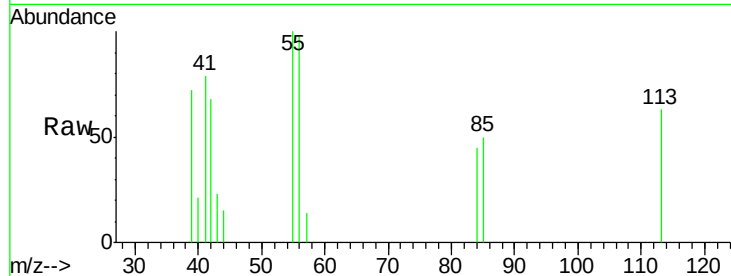




#35
 Caprolactam
 Concen: 4.103 ng
 RT: 12.01 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

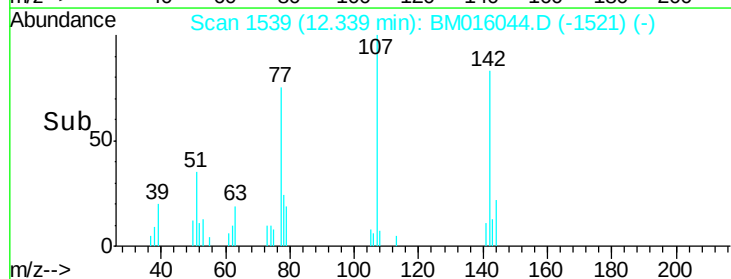
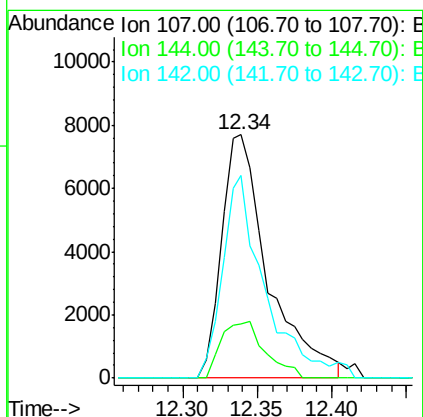
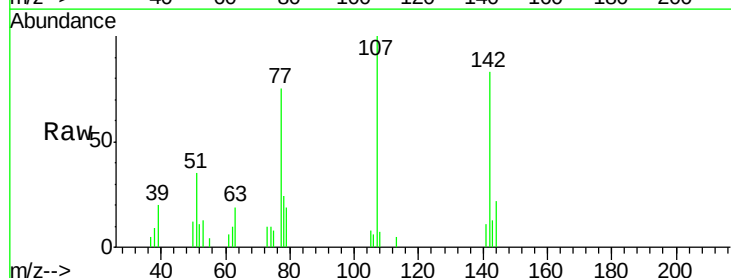
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

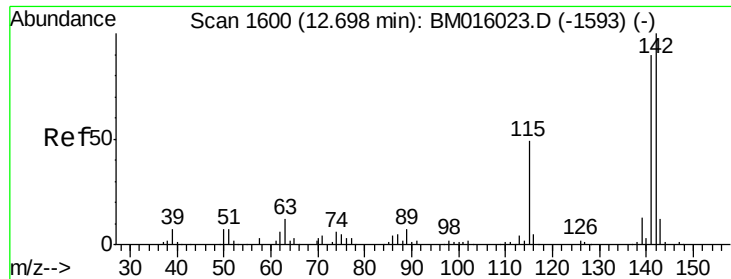
Tgt Ion:113 Resp: 2672
 Ion Ratio Lower Upper
 113 100
 55 157.8 145.9 185.9
 56 154.8 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 6.492 ng
 RT: 12.34 min Scan# 1539
 Delta R.T. 0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:107 Resp: 16790
 Ion Ratio Lower Upper
 107 100
 144 22.1 23.3 34.9#
 142 83.0 72.6 109.0

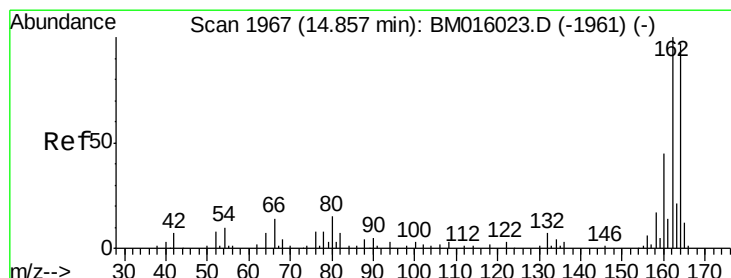
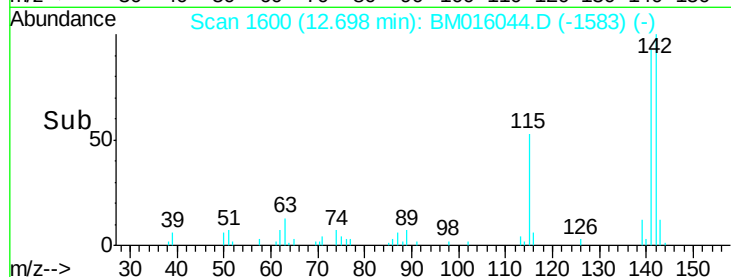
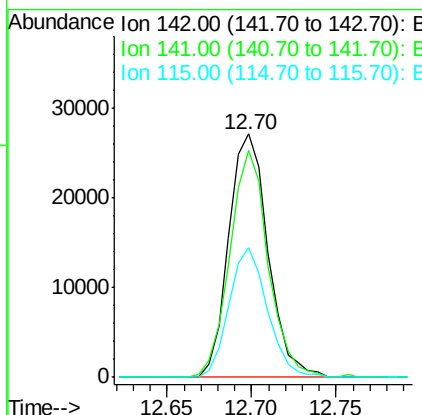
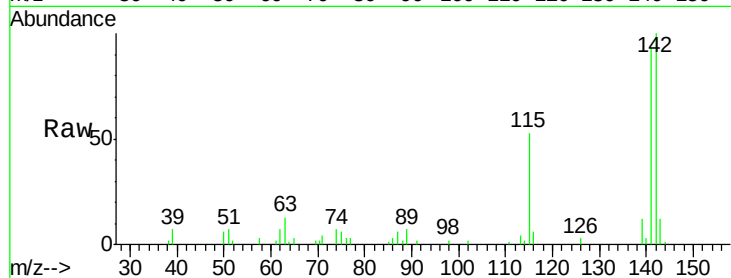




#37
 2-Methylnaphthalene
 Concen: 8.259 ng
 RT: 12.70 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

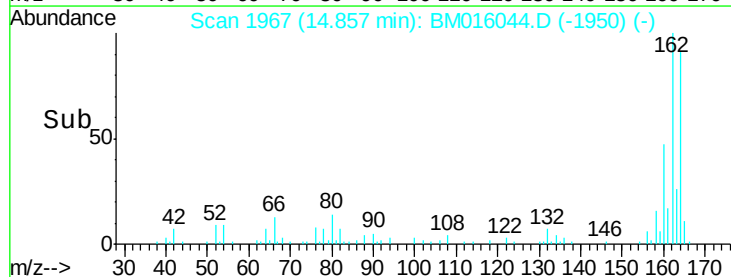
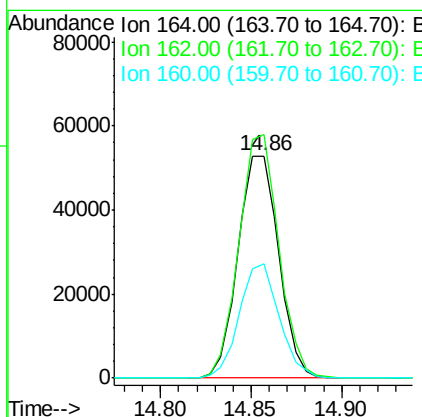
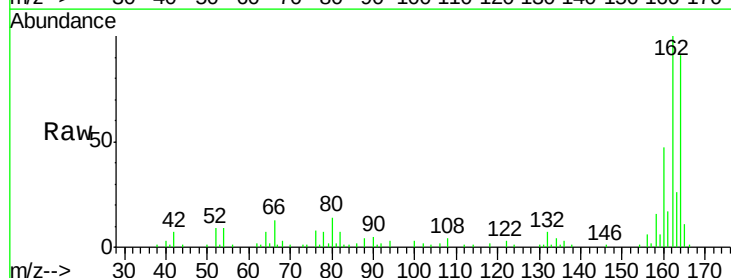
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

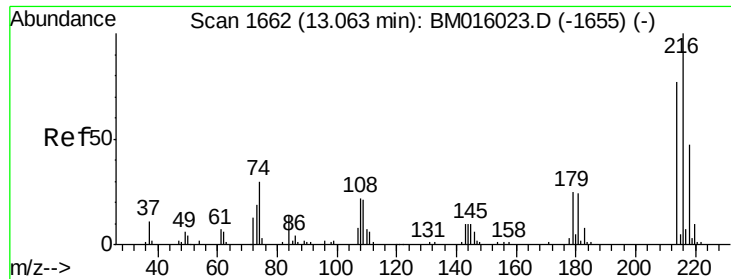
Tgt Ion:142 Resp: 44023
 Ion Ratio Lower Upper
 142 100
 141 93.2 71.9 107.9
 115 53.2 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.86 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:164 Resp: 82659
 Ion Ratio Lower Upper
 164 100
 162 109.6 82.4 123.6
 160 51.2 35.8 53.6

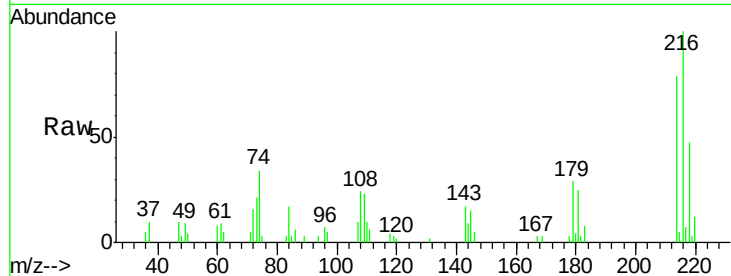




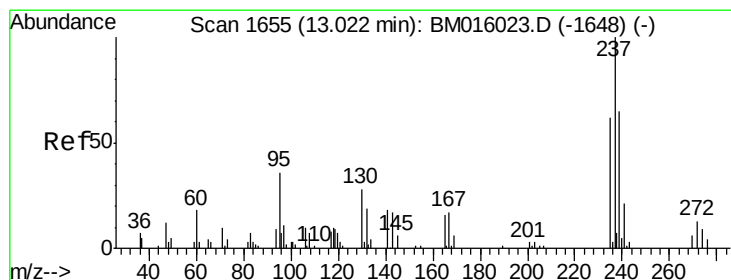
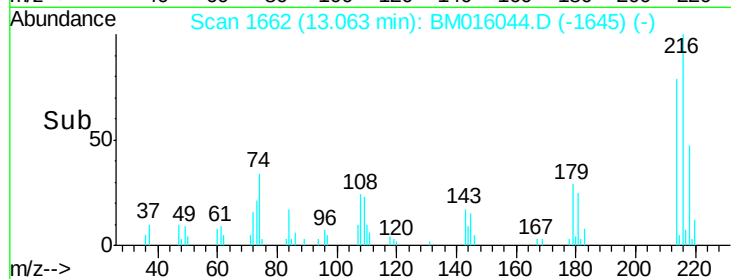
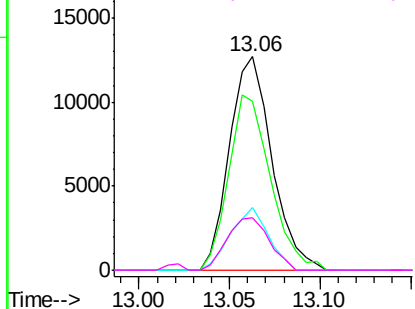
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 7.348 ng
 RT: 13.06 min Scan# 1662
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

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

Tgt Ion:	216	Resp:	20679
Ion	Ratio	Lower	Upper
216	100		
214	80.8	0.0	0.0#
179	26.1	0.0	0.0#
108	24.6	0.0	0.0#

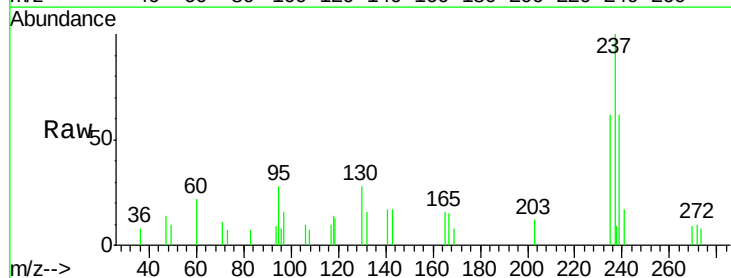


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

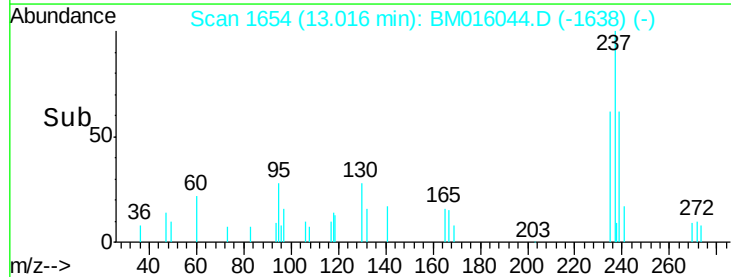
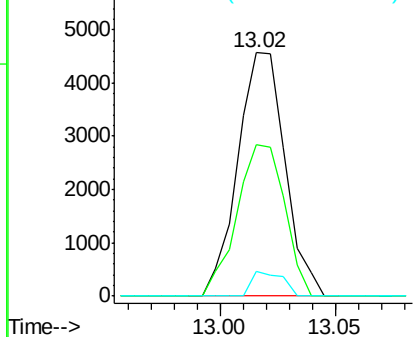


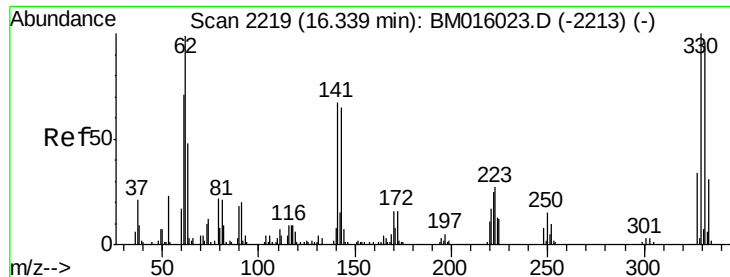
#40
 Hexachlorocyclopentadiene
 Concen: 11.956 ng
 RT: 13.02 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:	237	Resp:	6545
Ion	Ratio	Lower	Upper
237	100		
235	62.3	42.0	82.0
272	10.2	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

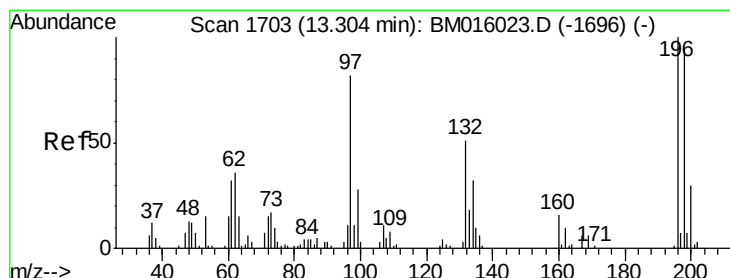
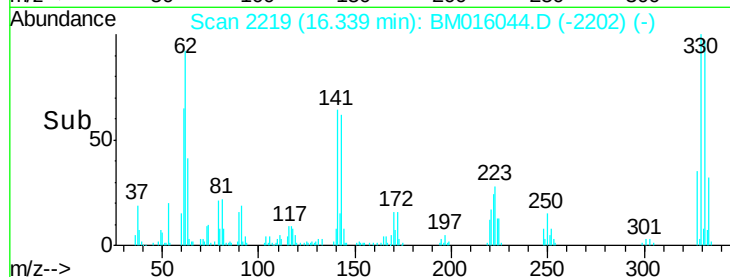
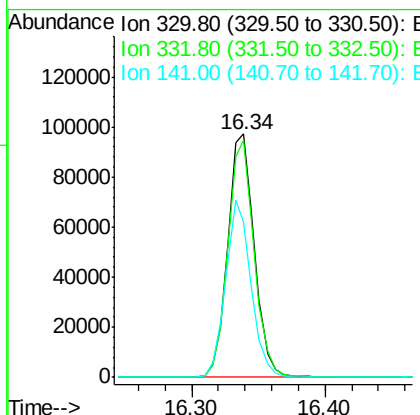
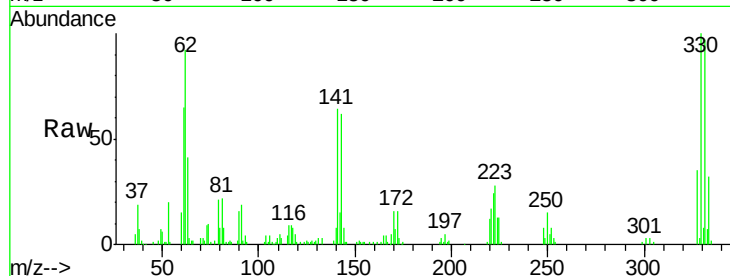




#41
 2,4,6-Tribromophenol
 Concen: 11.956 ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

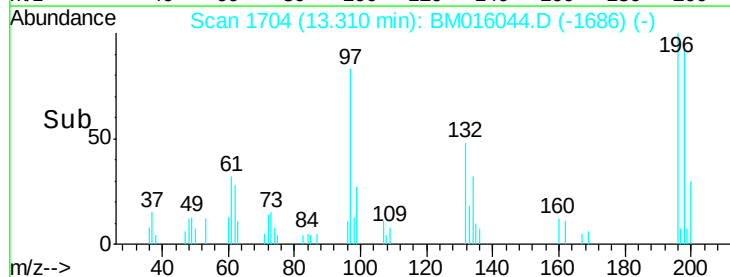
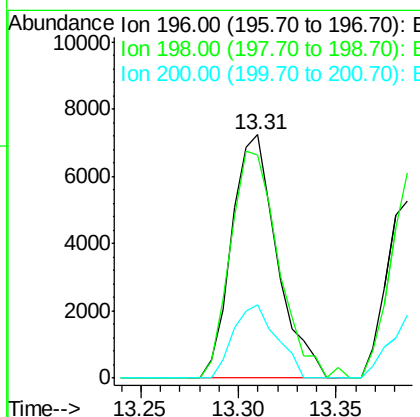
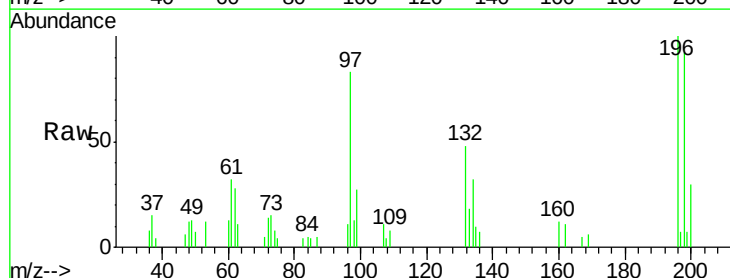
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

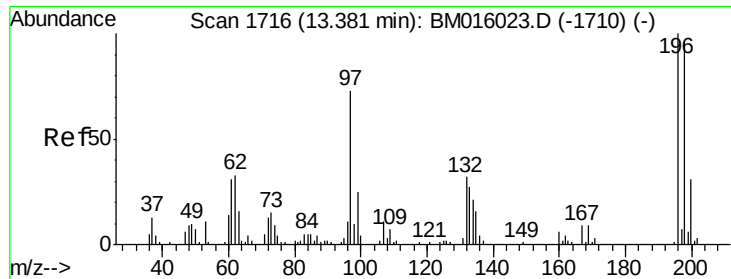
Tgt Ion: 330 Resp: 135738
 Ion Ratio Lower Upper
 330 100
 332 96.3 0.0 0.0#
 141 69.7 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 6.617 ng
 RT: 13.31 min Scan# 1704
 Delta R.T. 0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion: 196 Resp: 11650
 Ion Ratio Lower Upper
 196 100
 198 91.8 76.3 114.5
 200 29.9 25.6 38.4

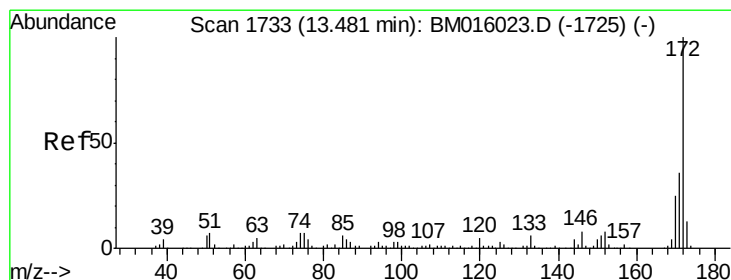
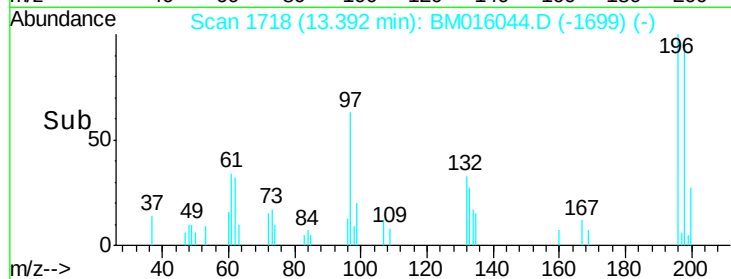
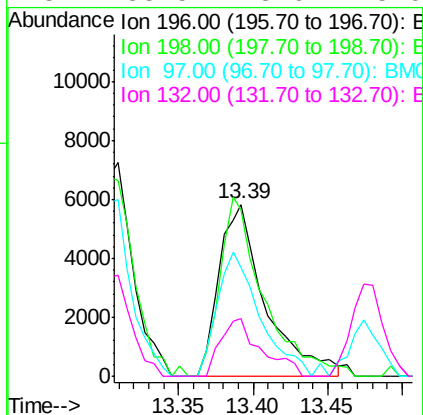
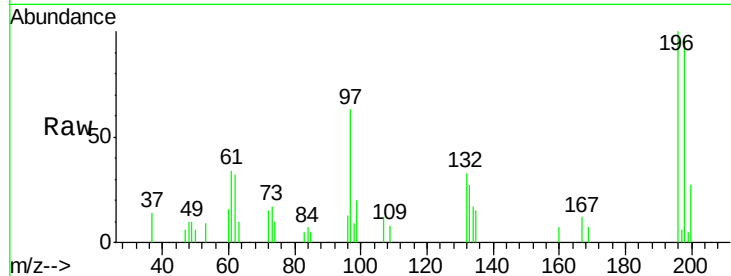




#43
 2,4,5-Trichlorophenol
 Concen: 6.969 ng
 RT: 13.39 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

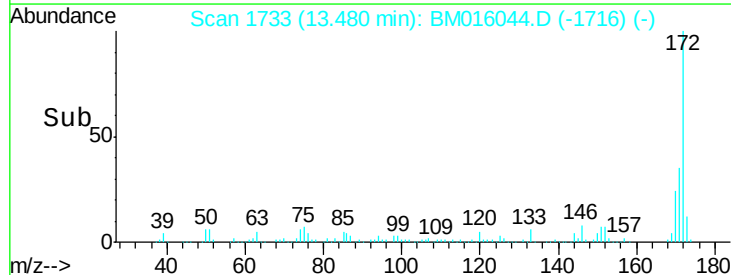
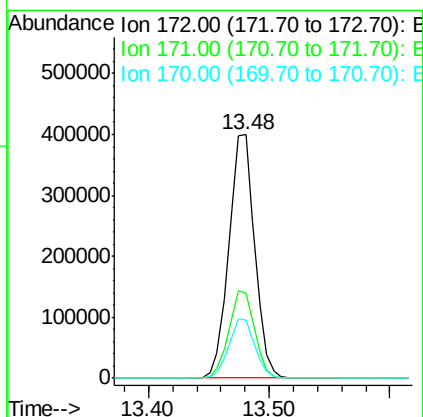
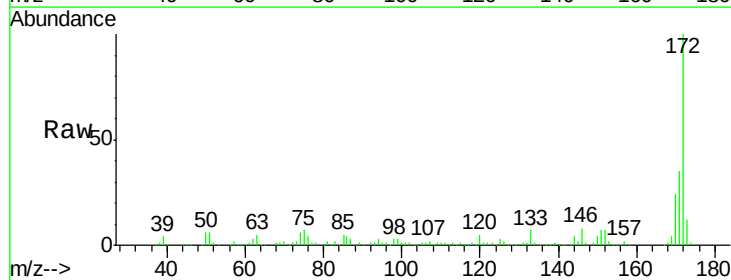
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

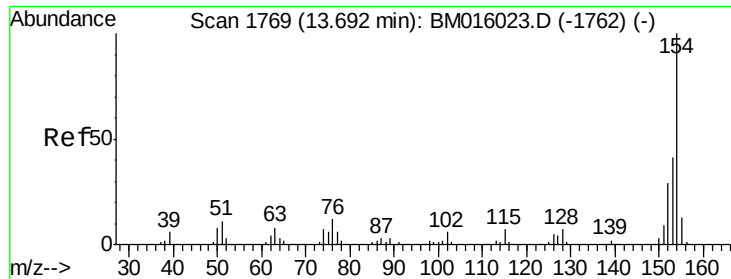
Tgt Ion:196 Resp: 12656
 Ion Ratio Lower Upper
 196 100
 198 96.7 79.4 119.0
 97 62.9 26.8 40.2#
 132 33.5 18.6 28.0#



#44
 2-Fluorobiphenyl
 Concen: 6.969 ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:172 Resp: 595169
 Ion Ratio Lower Upper
 172 100
 171 34.6 28.5 42.7
 170 23.7 18.8 28.2

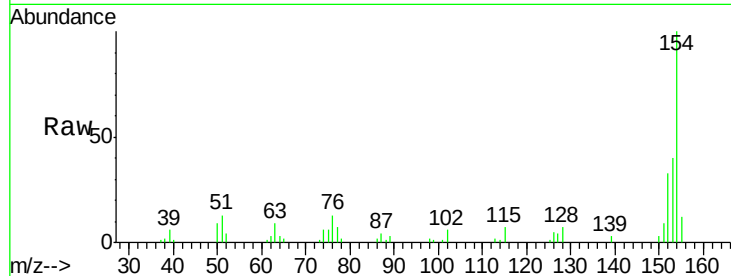




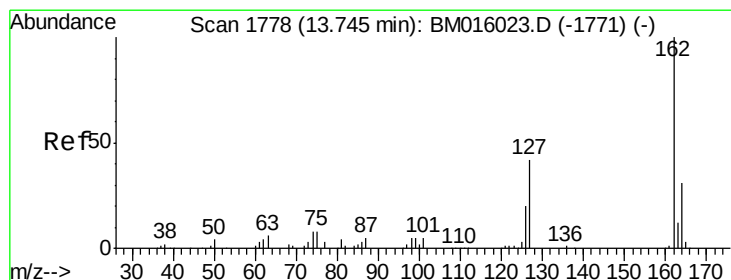
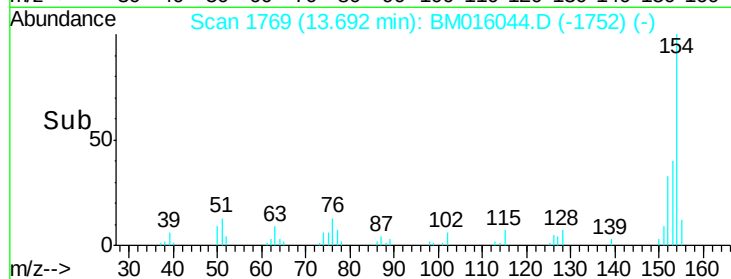
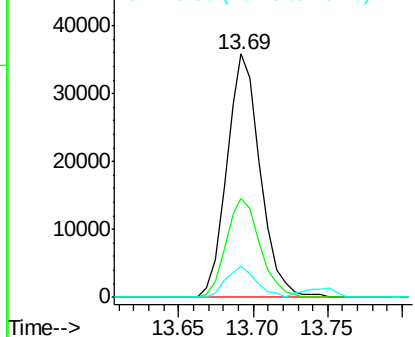
#45
 1,1'-Biphenyl
 Concen: 7.510 ng
 RT: 13.69 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

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

Tgt Ion:154 Resp: 56020
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.7 60.7
 76 13.0 0.0 30.9

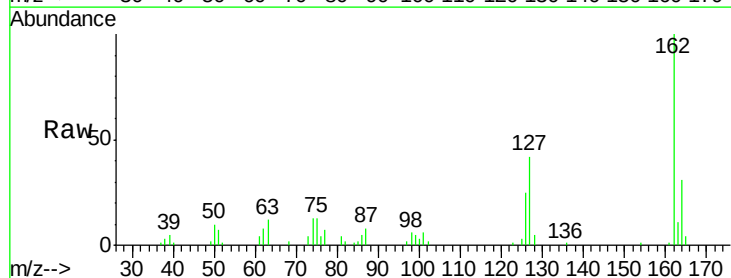


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

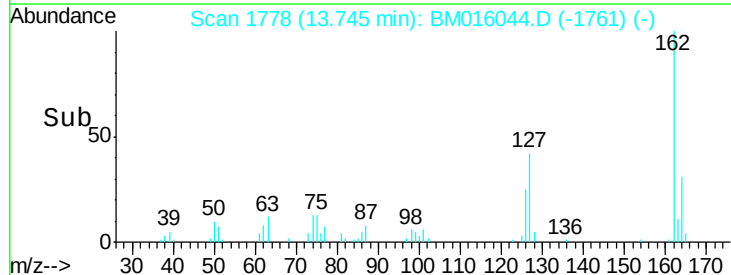
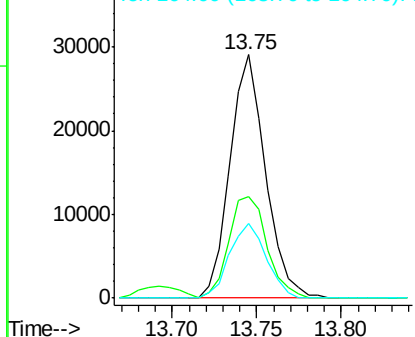


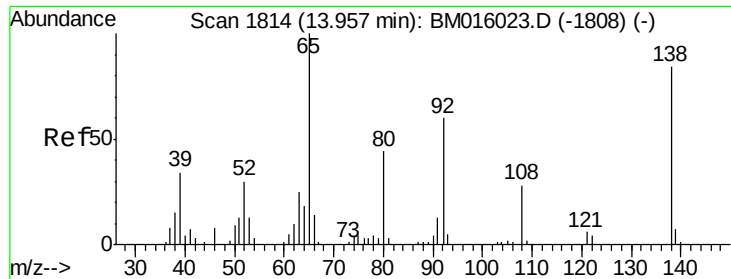
#46
 2-Chloronaphthalene
 Concen: 7.321 ng
 RT: 13.75 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:162 Resp: 42476
 Ion Ratio Lower Upper
 162 100
 127 41.9 26.9 40.3#
 164 30.8 26.8 40.2



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

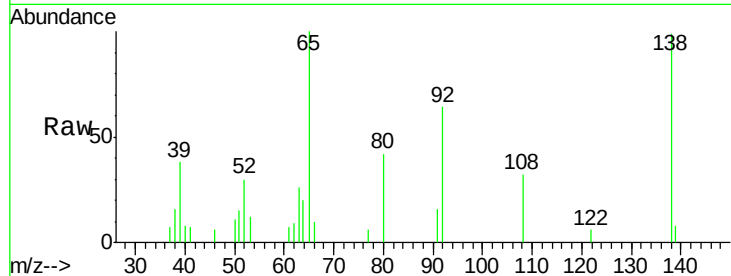




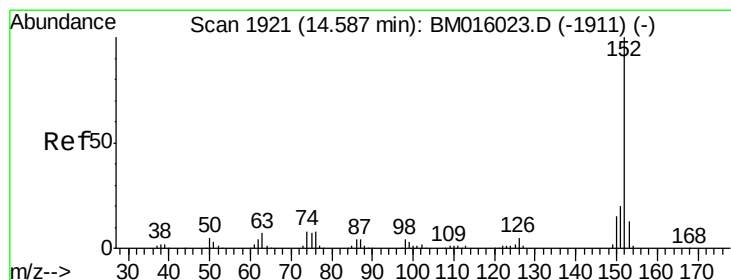
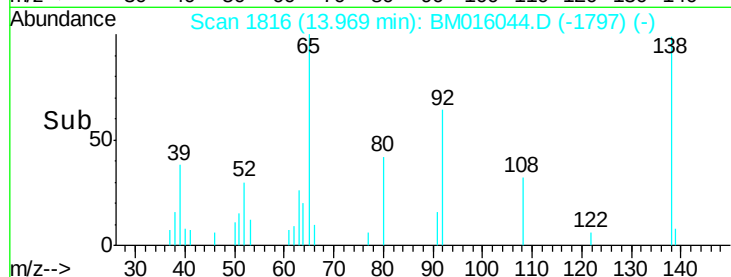
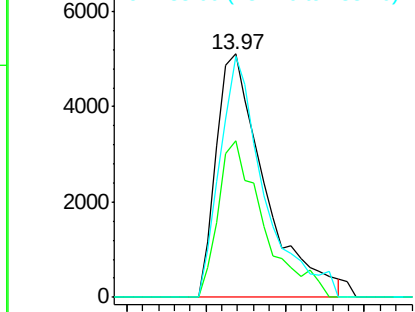
#47
 2-Nitroaniline
 Concen: 5.672 ng
 RT: 13.97 min Scan# 1816
 Delta R.T. 0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

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

Tgt Ion: 65 Resp: 10880
 Ion Ratio Lower Upper
 65 100
 92 64.2 59.1 88.7
 138 99.3 93.9 140.9

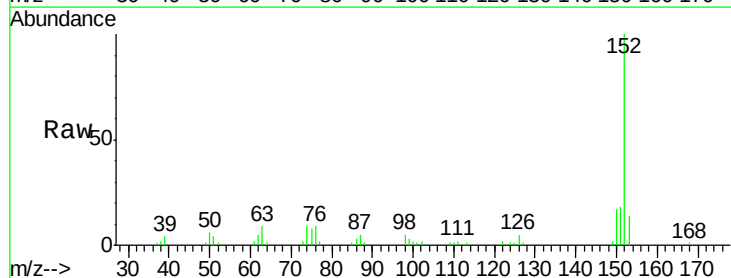


Abundance Ion 65.00 (64.70 to 65.70): BM016023.D (-1808) (-)
 Ion 92.00 (91.70 to 92.70): BM016023.D (-1808) (-)
 Ion 138.00 (137.70 to 138.70): BM016023.D (-1808) (-)

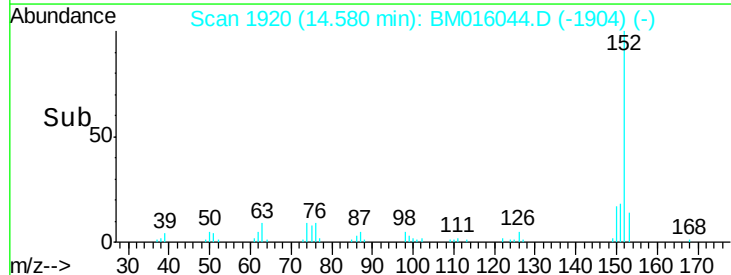
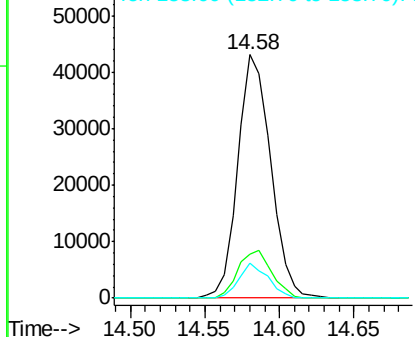


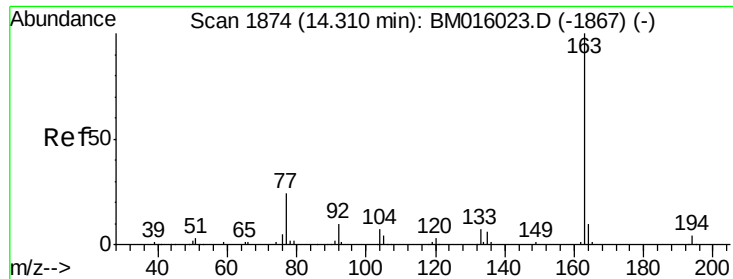
#48
 Acenaphthylene
 Concen: 7.777 ng
 RT: 14.58 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion: 152 Resp: 66060
 Ion Ratio Lower Upper
 152 100
 151 18.1 15.9 23.9
 153 14.3 10.6 16.0



Abundance Ion 152.00 (151.70 to 152.70): BM016023.D (-1911) (-)
 Ion 151.00 (150.70 to 151.70): BM016023.D (-1911) (-)
 Ion 153.00 (152.70 to 153.70): BM016023.D (-1911) (-)

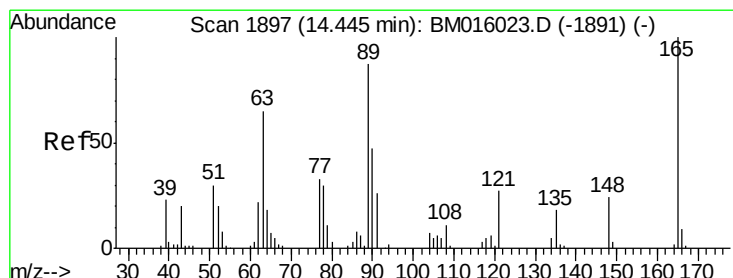
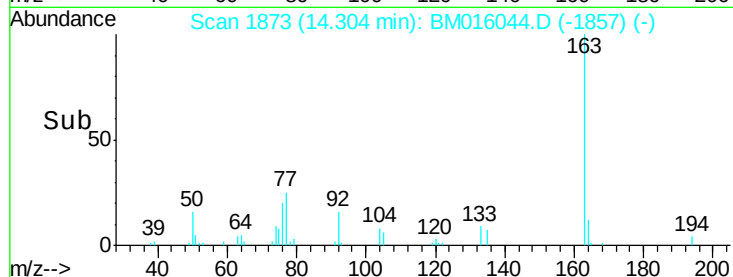
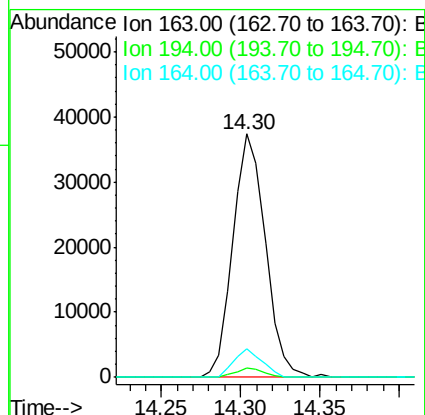
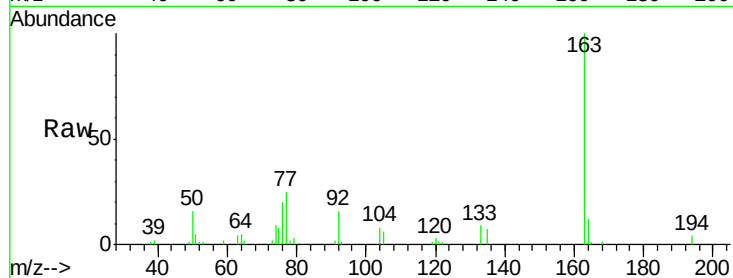




#49
Dimethylphthalate
Concen: 7.354 ng
RT: 14.30 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

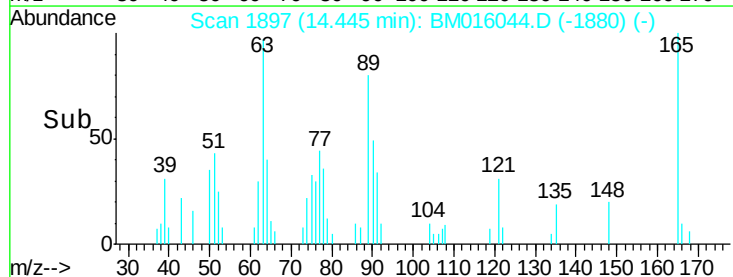
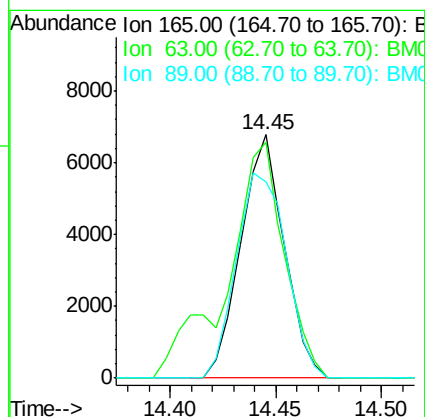
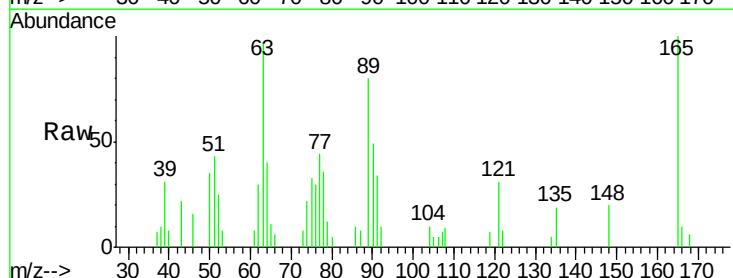
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

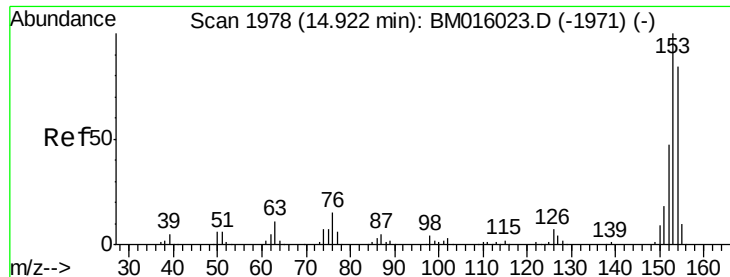
Tgt Ion:163 Resp: 53198
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 11.6 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 6.649 ng
RT: 14.45 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:165 Resp: 9677
Ion Ratio Lower Upper
165 100
63 96.9 44.1 66.1#
89 80.3 44.3 66.5#





#51

Acenaphthene

Concen: 7.750 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

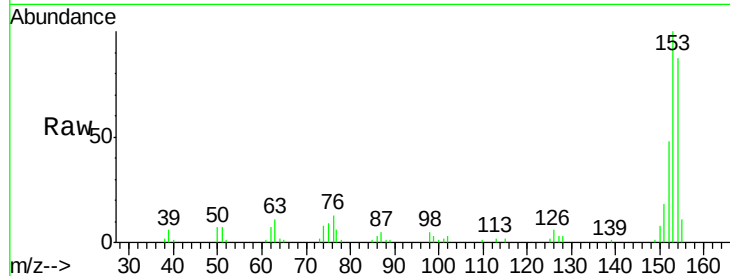
Tgt Ion:154 Resp: 40486

Ion Ratio Lower Upper

154 100

153 115.5 90.0 135.0

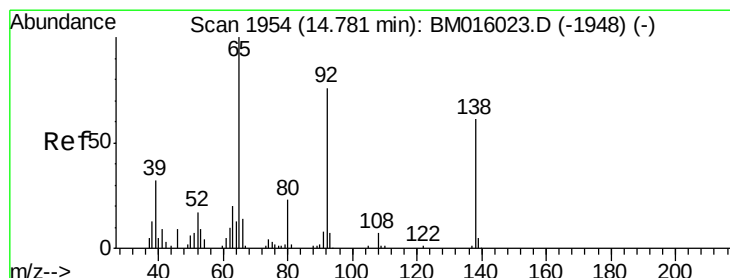
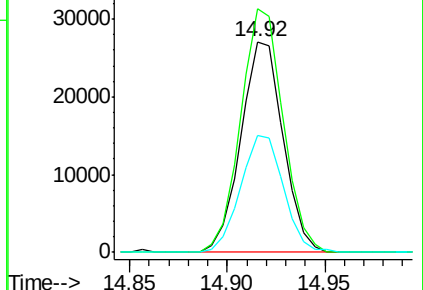
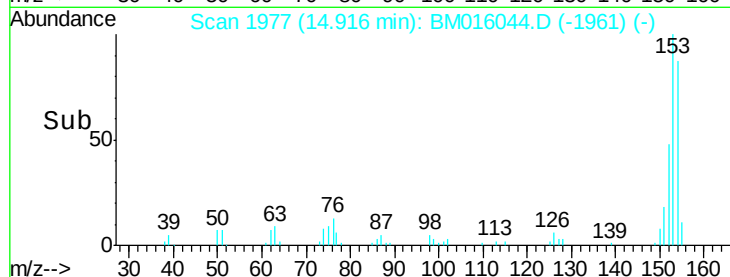
152 55.7 42.6 63.8



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: 4.621 ng

RT: 14.79 min Scan# 1956

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

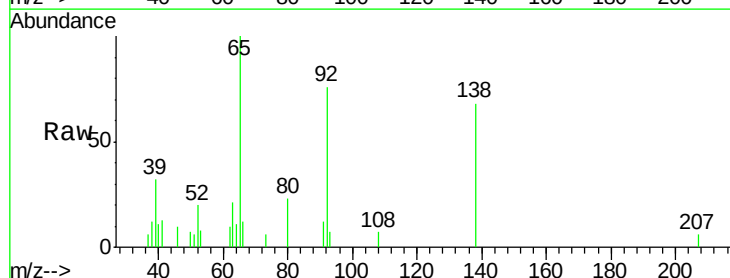
Tgt Ion:138 Resp: 7264

Ion Ratio Lower Upper

138 100

108 10.6 7.3 10.9

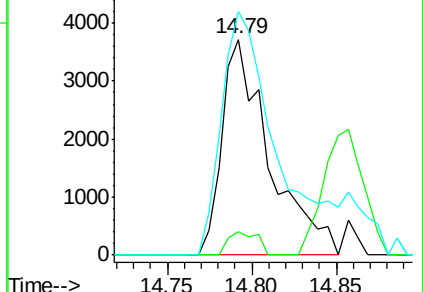
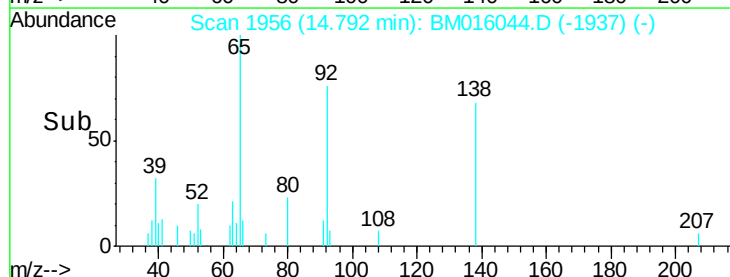
92 112.9 76.6 114.8

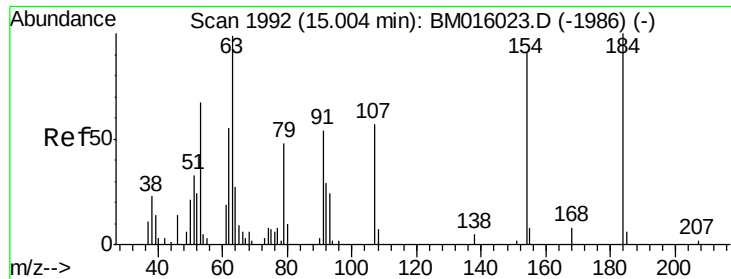


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

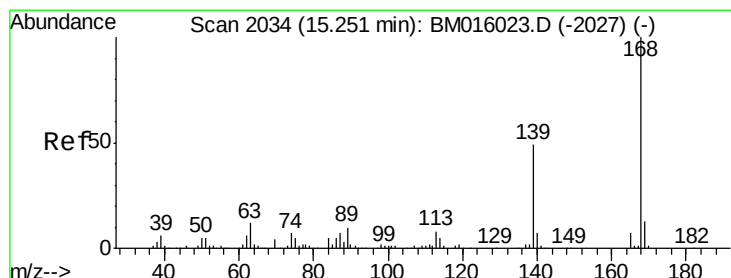
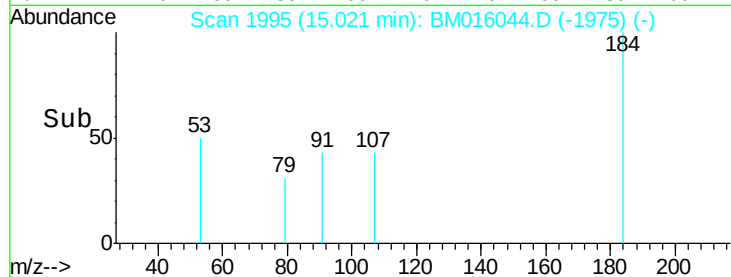
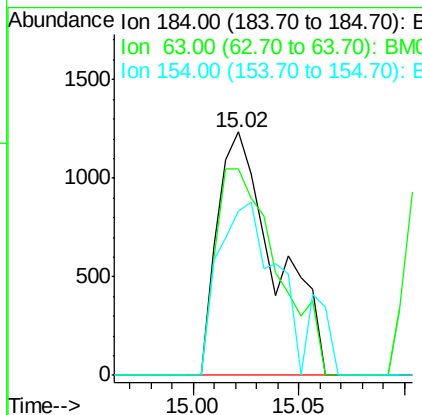
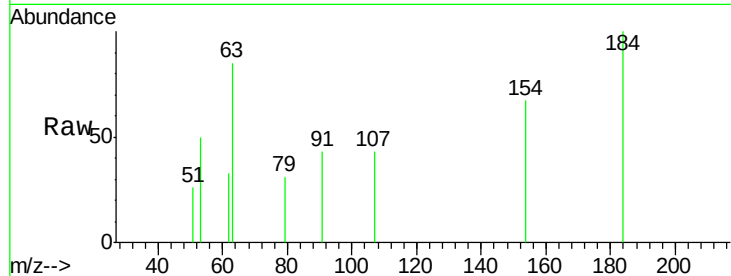




#53
 2,4-Dinitrophenol
 Concen: 9.587 ng
 RT: 15.02 min Scan# 1995
 Delta R.T. 0.02 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

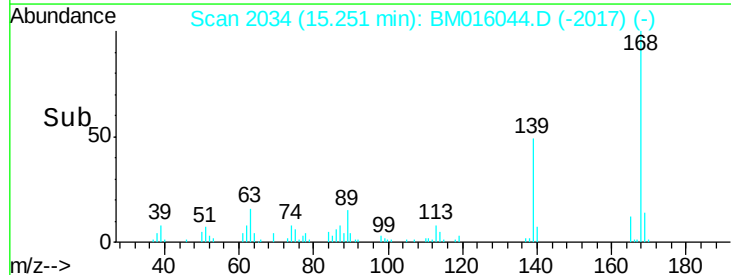
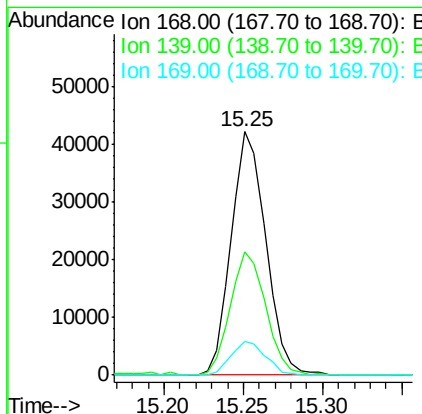
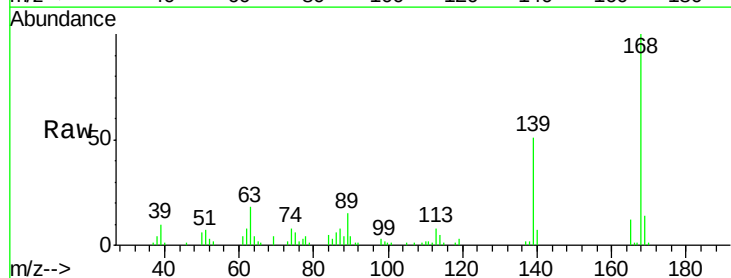
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

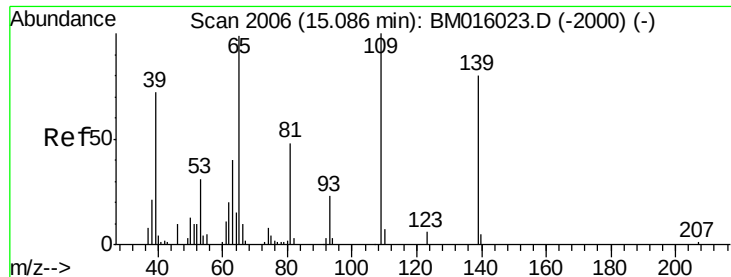
Tgt Ion:184 Resp: 2347
 Ion Ratio Lower Upper
 184 100
 63 84.9 69.2 103.8
 154 67.4 53.3 79.9



#54
 Dibenzofuran
 Concen: 7.443 ng
 RT: 15.25 min Scan# 2034
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:168 Resp: 64073
 Ion Ratio Lower Upper
 168 100
 139 50.6 27.3 40.9#
 169 13.9 10.6 16.0

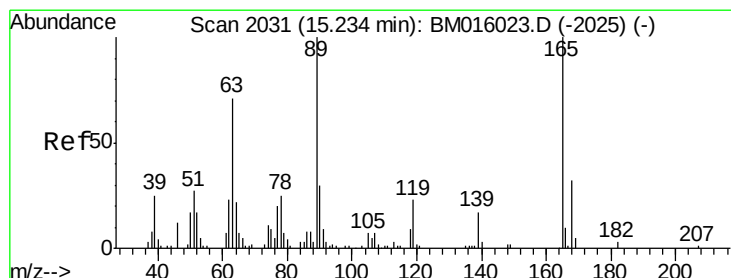
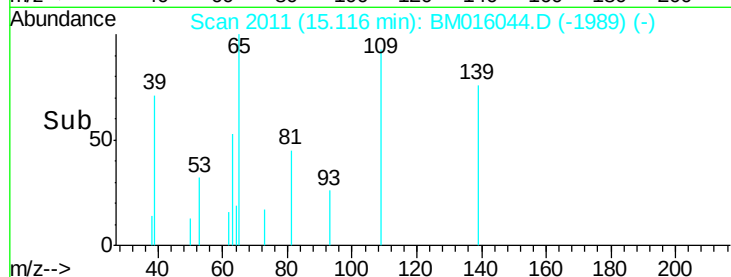
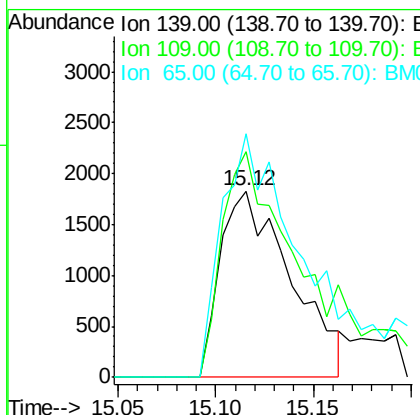
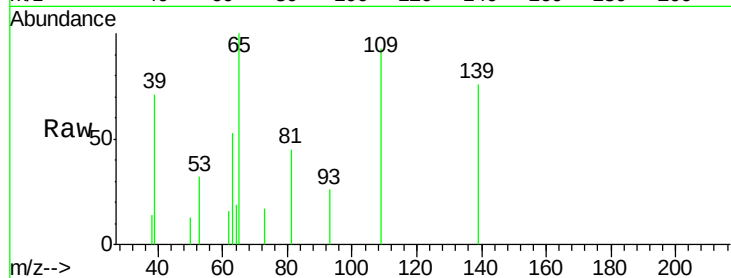




#55
4-Nitrophenol
Concen: 4.063 ng
RT: 15.12 min Scan# 2011
Delta R.T. 0.03 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

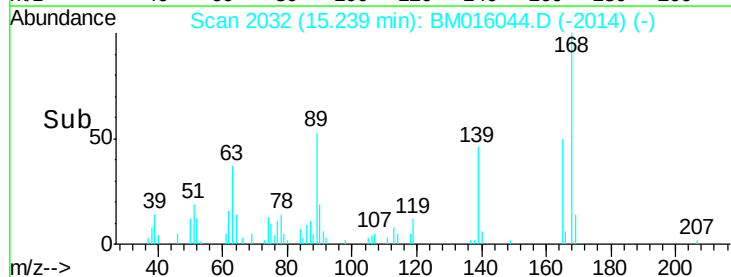
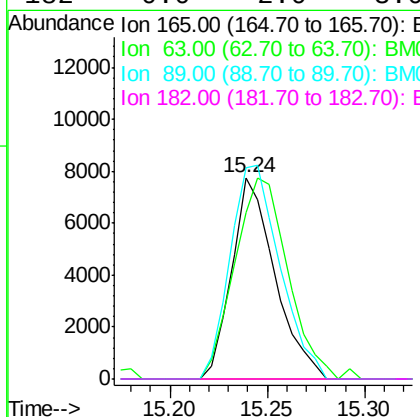
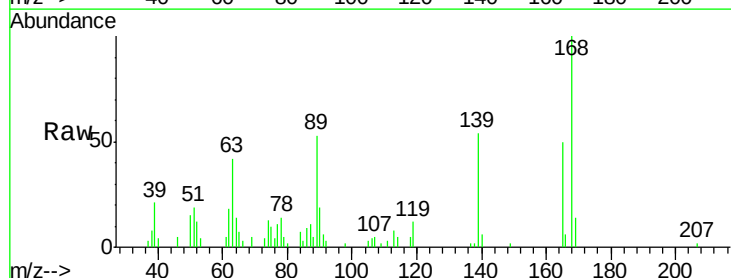
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

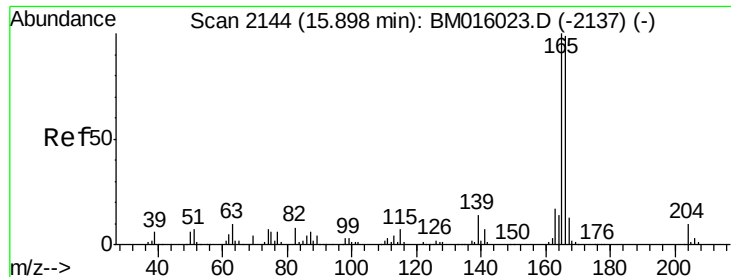
Tgt Ion:139 Resp: 4579
Ion Ratio Lower Upper
139 100
109 121.2 130.0 170.0#
65 130.8 130.0 170.0



#56
2,4-Dinitrotoluene
Concen: 5.723 ng
RT: 15.24 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:165 Resp: 11910
Ion Ratio Lower Upper
165 100
63 82.5 52.4 78.6#
89 105.0 72.4 108.6
182 0.0 2.0 3.0#

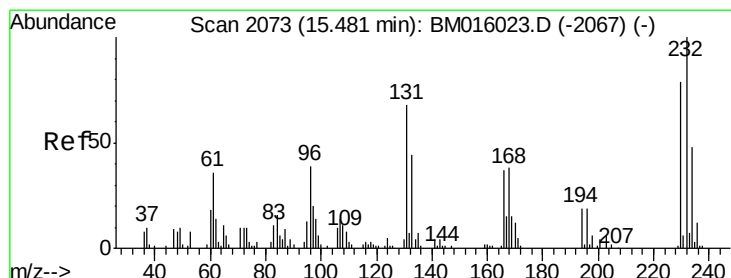
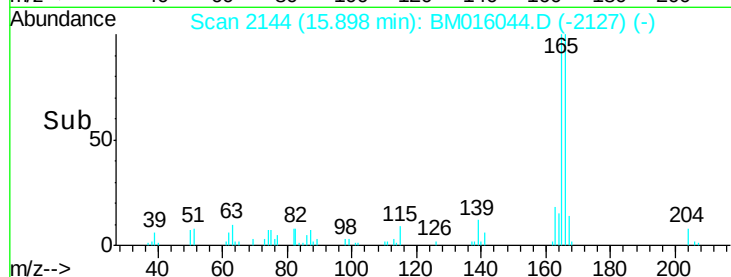
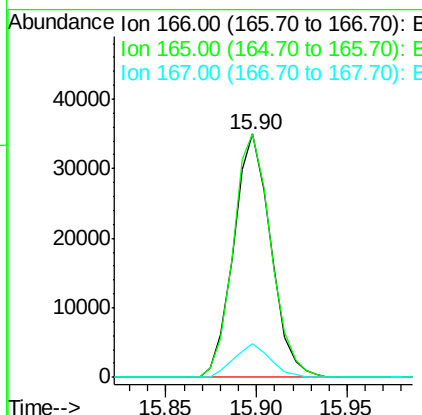
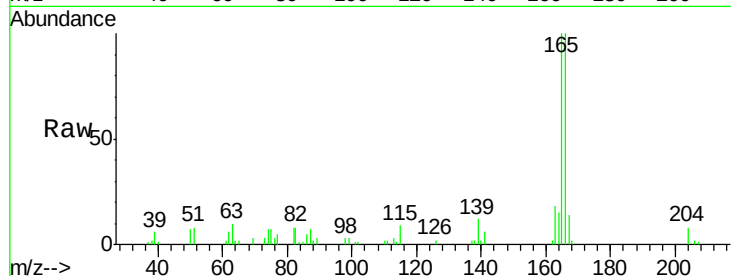




#57
 Fluorene
 Concen: 7.769 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

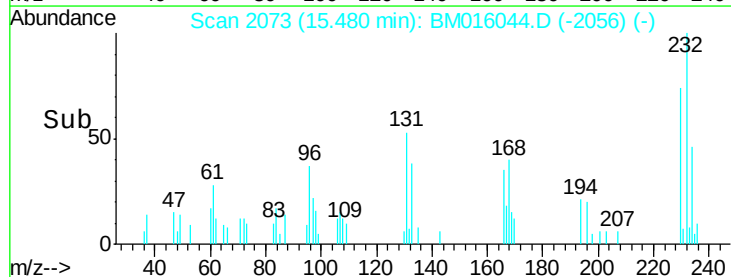
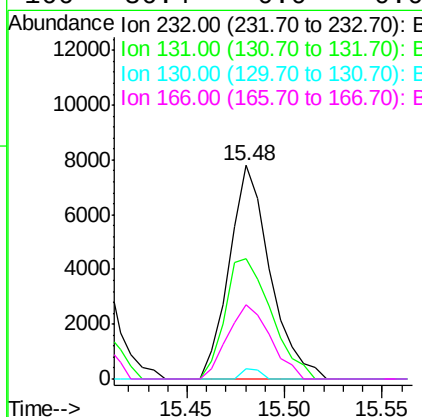
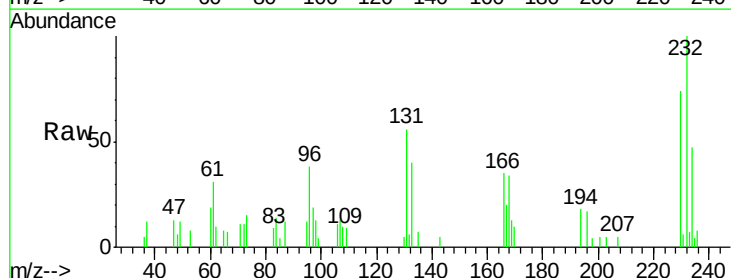
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

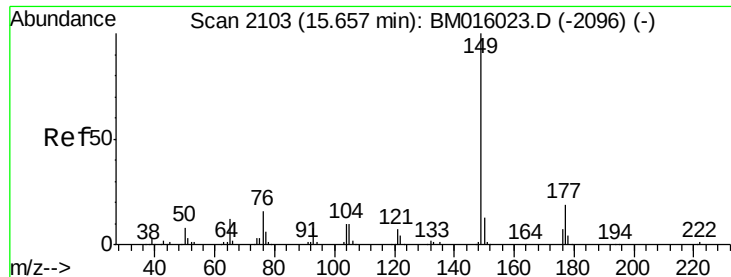
Tgt Ion:166 Resp: 49699
 Ion Ratio Lower Upper
 166 100
 165 100.1 79.0 118.4
 167 14.0 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.241 ng
 RT: 15.48 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:232 Resp: 11304
 Ion Ratio Lower Upper
 232 100
 131 63.8 0.0 0.0#
 130 2.1 0.0 0.0#
 166 36.4 0.0 0.0#

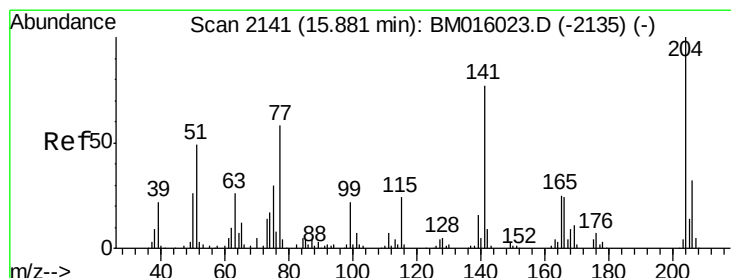
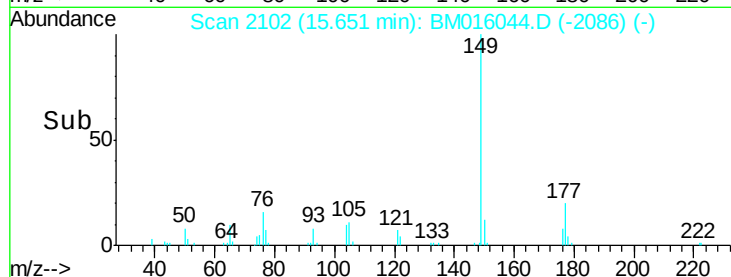
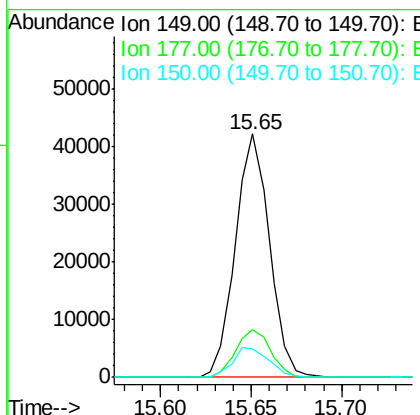
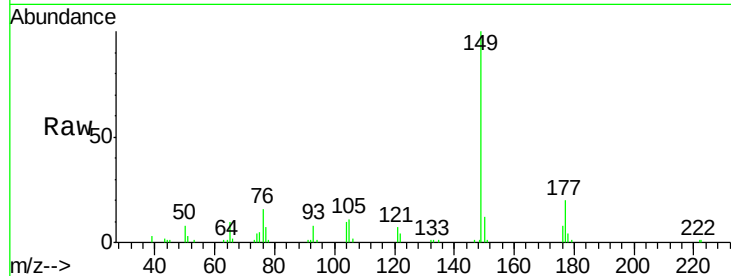




#59
Diethylphthalate
Concen: 7.101 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

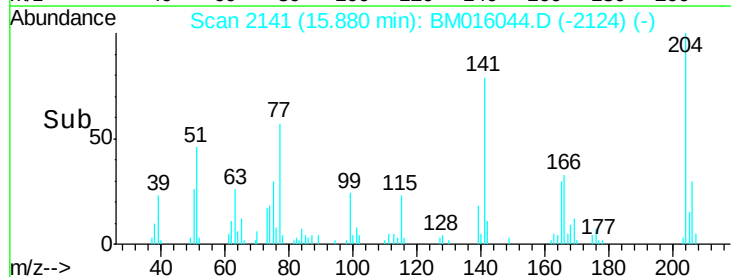
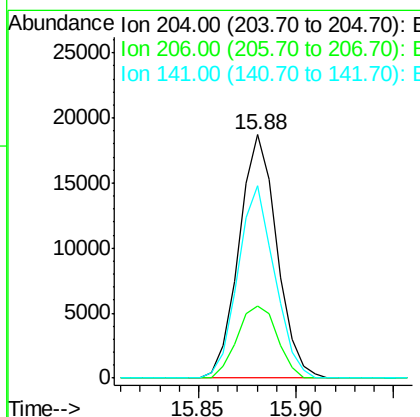
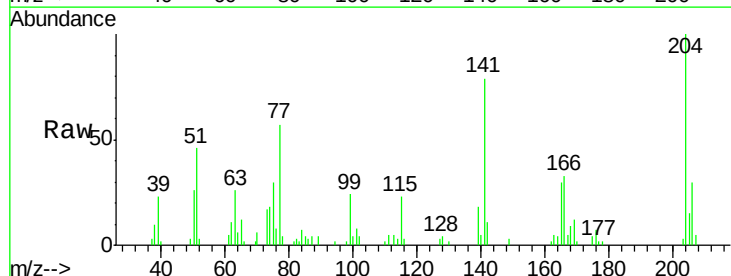
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

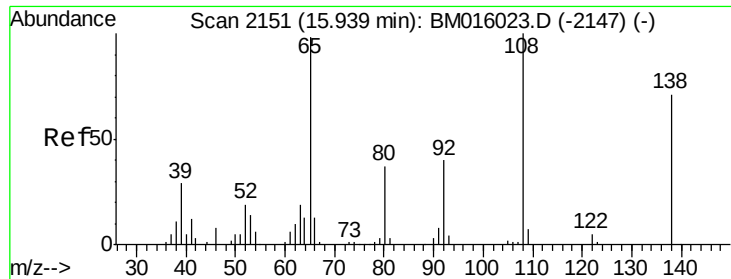
Tgt Ion:149 Resp: 55370
Ion Ratio Lower Upper
149 100
177 19.6 18.3 27.5
150 11.9 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 7.059 ng
RT: 15.88 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:204 Resp: 25138
Ion Ratio Lower Upper
204 100
206 29.8 26.6 39.8
141 79.1 45.2 67.8#

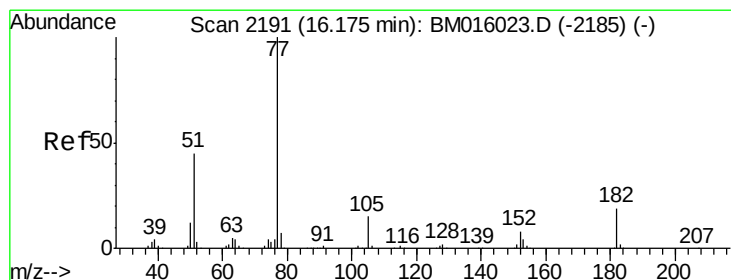
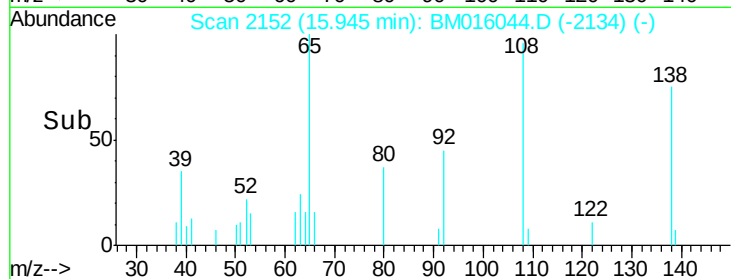
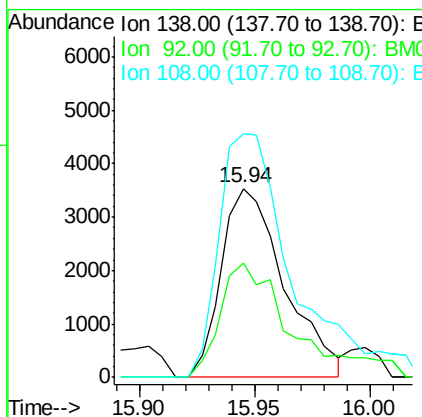
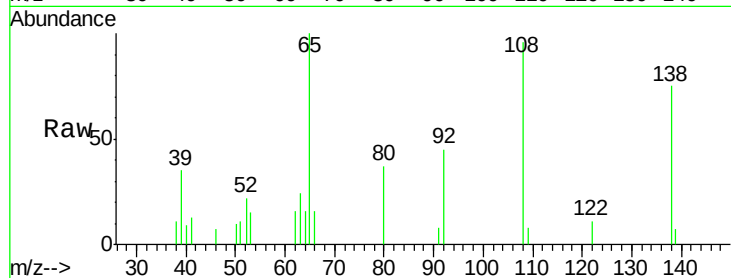




#61
4-Nitroaniline
Concen: 4.470 ng
RT: 15.94 min Scan# 2152
Delta R.T. 0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

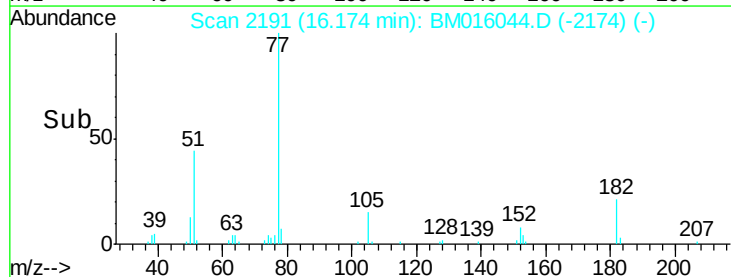
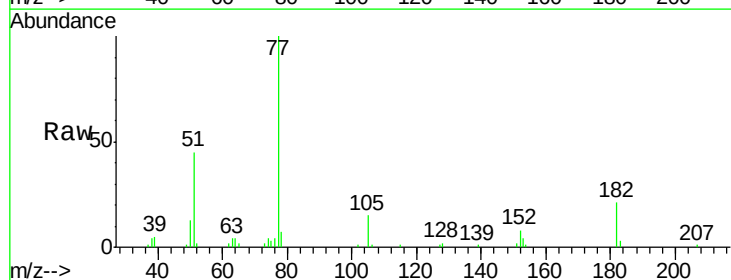
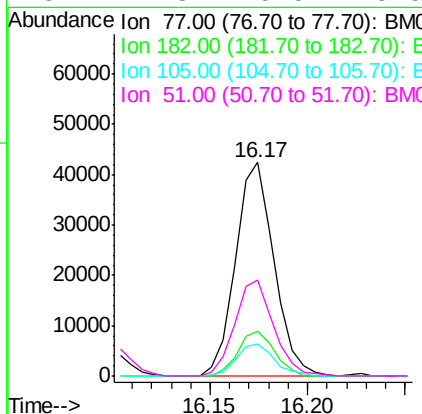
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

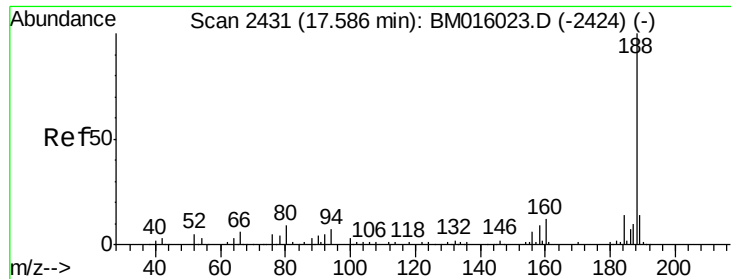
Tgt Ion: 138 Resp: 6743
Ion Ratio Lower Upper
138 100
92 60.5 16.7 56.7#
108 128.8 37.6 77.6#



#62
Azobenzene
Concen: 7.034 ng
RT: 16.17 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion: 77 Resp: 57764
Ion Ratio Lower Upper
77 100
182 20.9 6.5 46.5
105 15.1 3.8 43.8
51 44.8 5.5 45.5

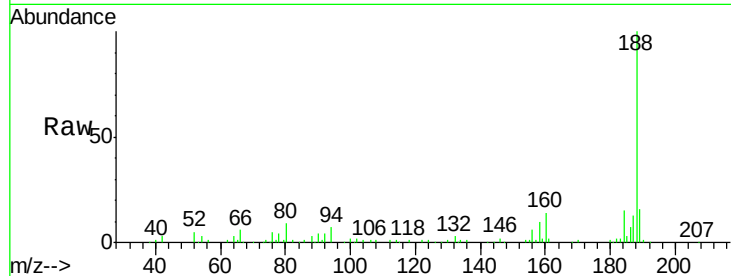




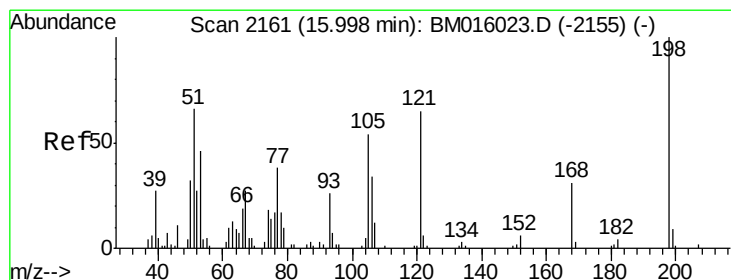
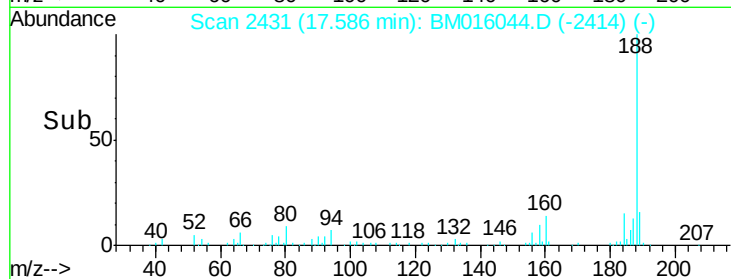
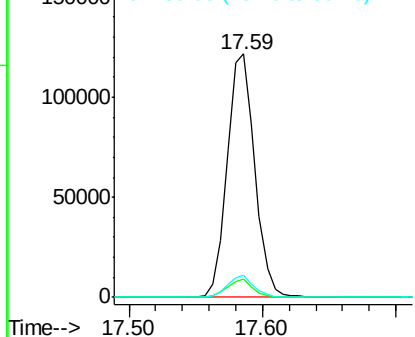
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.59 min Scan# 2431
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

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

Tgt Ion:188 Resp: 176016
Ion Ratio Lower Upper
188 100
94 7.3 8.7 13.1#
80 8.9 9.3 13.9#

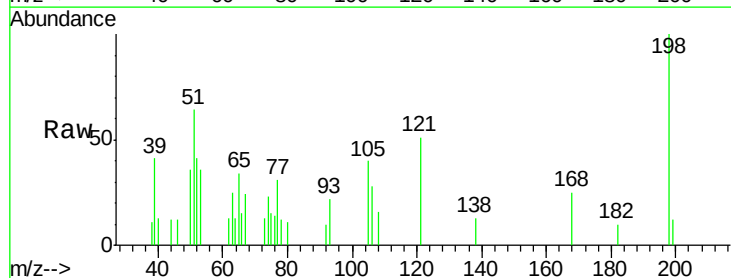


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

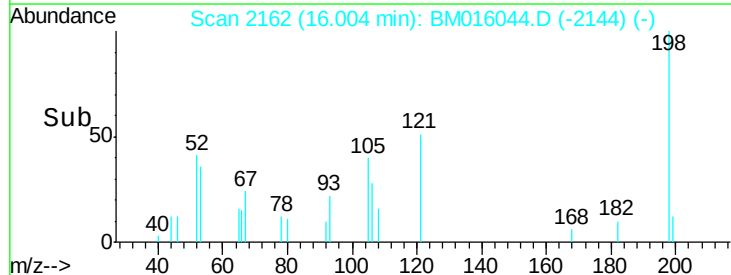
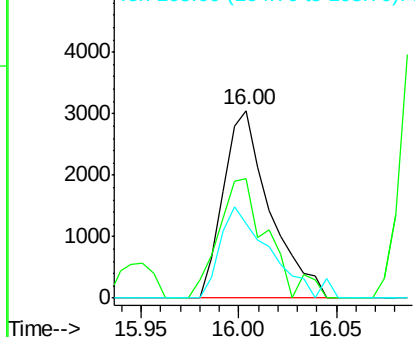


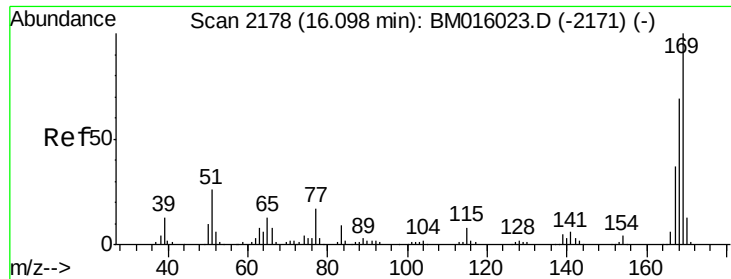
#64
4,6-Dinitro-2-methylphenol
Concen: 4.713 ng
RT: 16.00 min Scan# 2162
Delta R.T. 0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:198 Resp: 5035
Ion Ratio Lower Upper
198 100
51 63.6 28.8 68.8
105 39.7 30.5 70.5



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BM0
Ion 105.00 (104.70 to 105.70): E

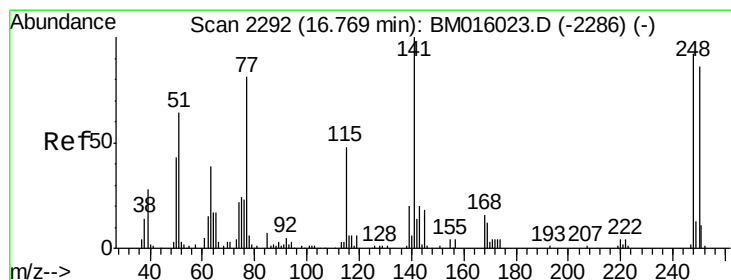
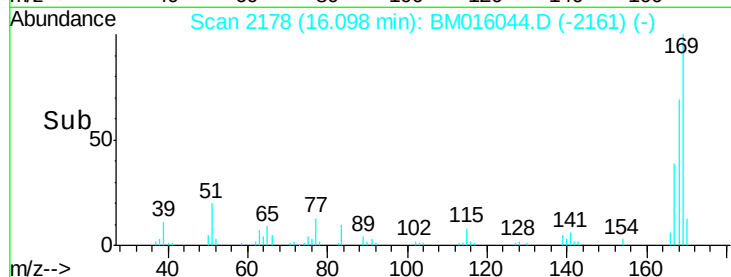
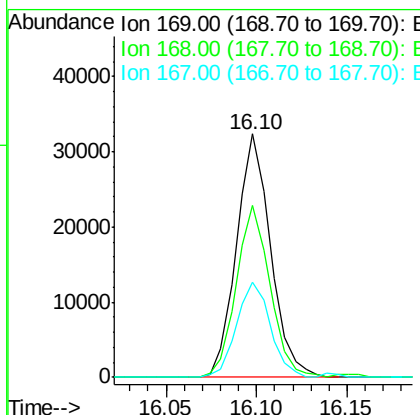
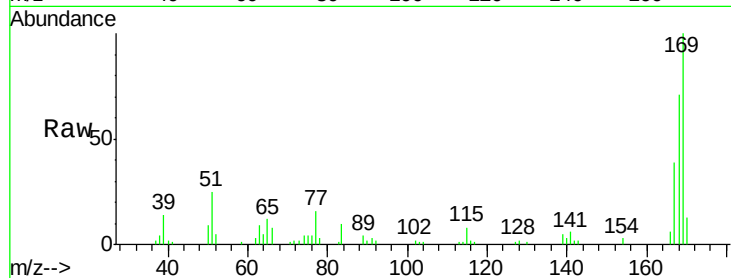




#65
 n-Nitrosodiphenylamine
 Concen: 7.306 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

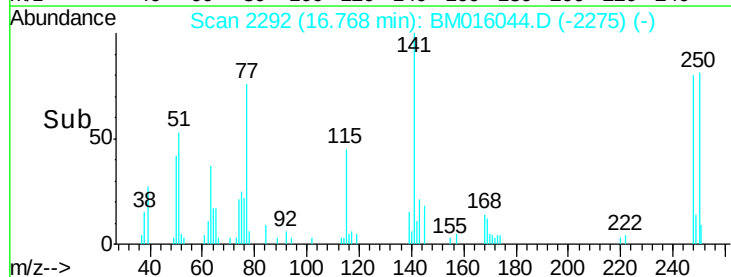
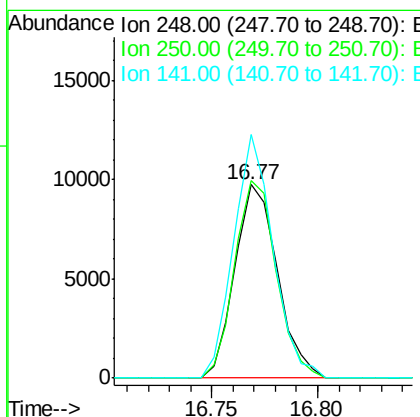
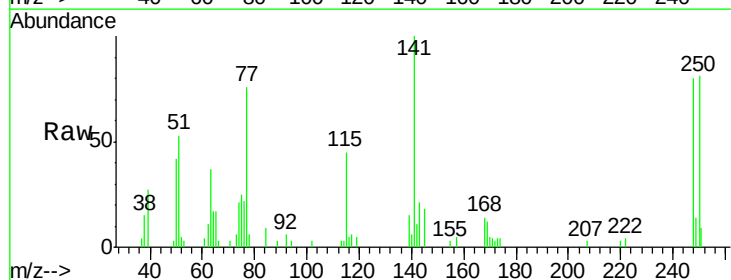
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

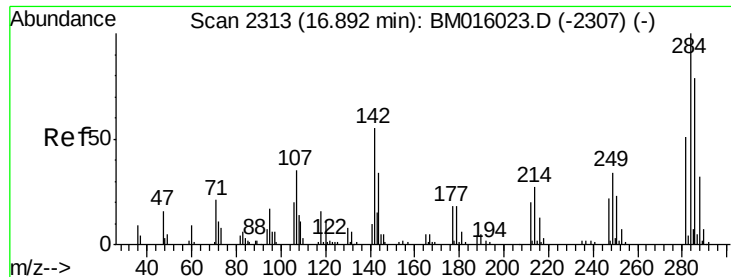
Tgt Ion:169 Resp: 42343
 Ion Ratio Lower Upper
 169 100
 168 70.8 53.9 80.9
 167 39.3 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 6.862 ng
 RT: 16.77 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:248 Resp: 13676
 Ion Ratio Lower Upper
 248 100
 250 102.3 77.4 116.0
 141 125.8 45.2 67.8#





#67

Hexachlorobenzene

Concen: 7.194 ng

RT: 16.89 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

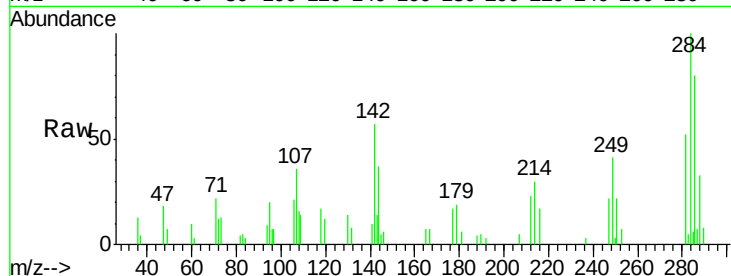
Tgt Ion:284 Resp: 15791

Ion Ratio Lower Upper

284 100

142 56.8 20.4 30.6#

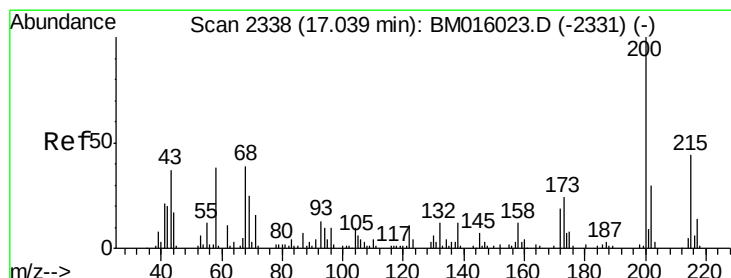
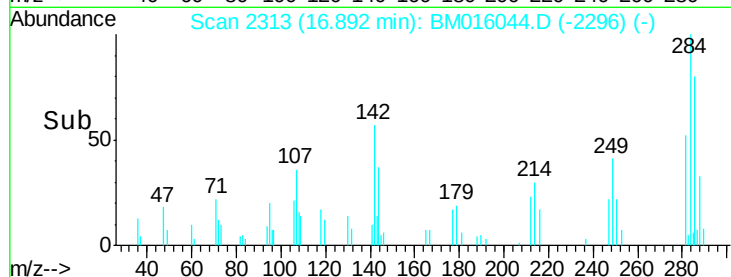
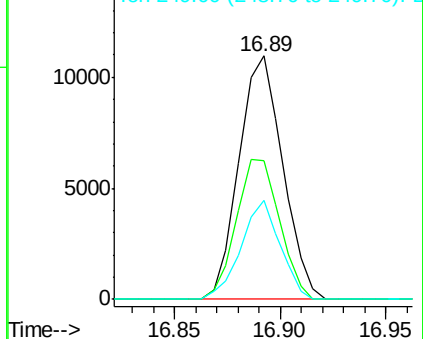
249 40.6 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 7.029 ng

RT: 17.03 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

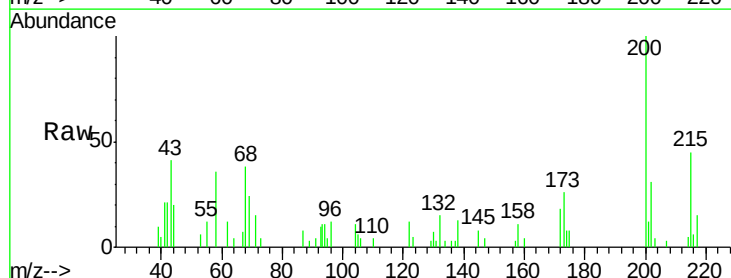
Tgt Ion:200 Resp: 14602

Ion Ratio Lower Upper

200 100

173 25.8 4.8 44.8

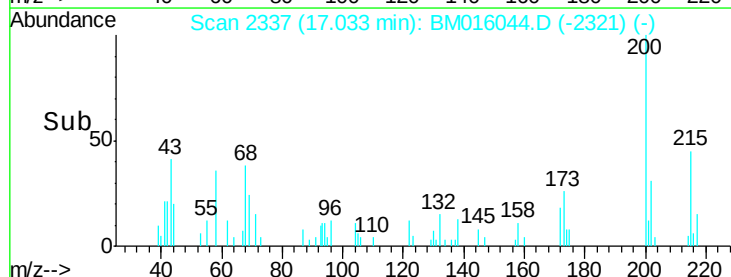
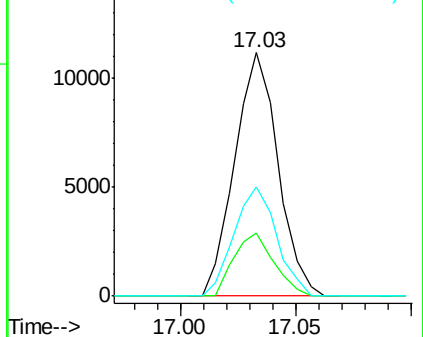
215 45.0 26.9 66.9

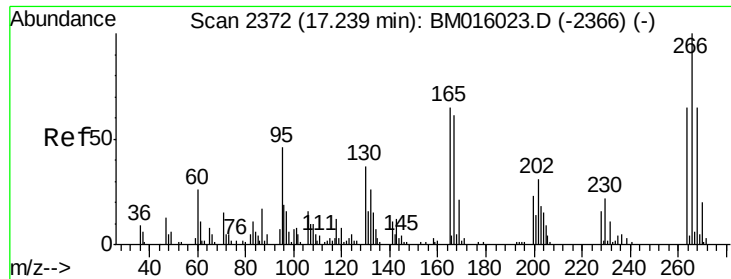


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

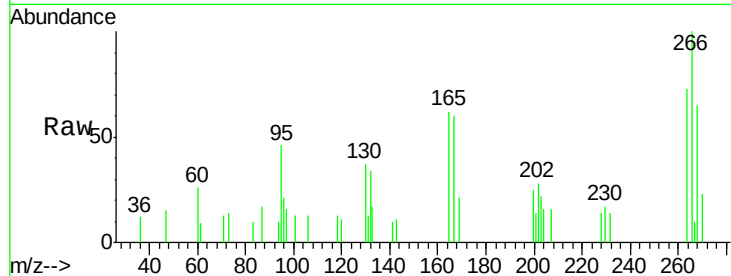




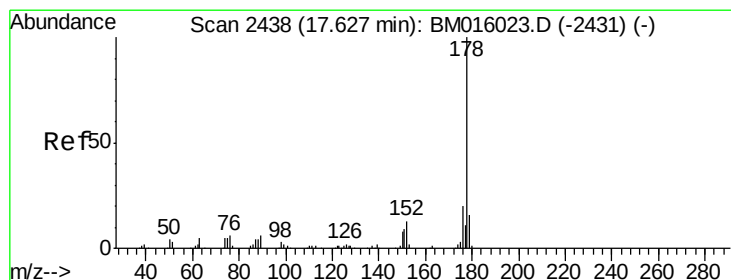
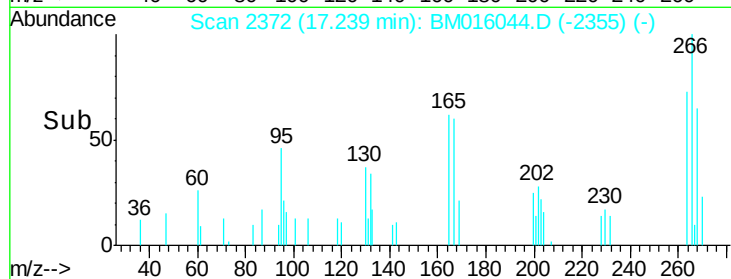
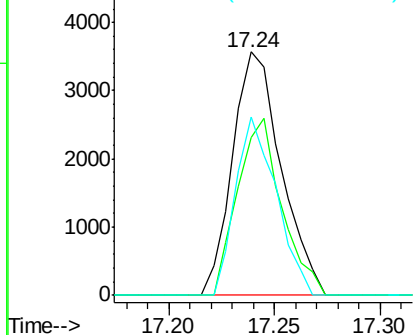
#69
 Pentachlorophenol
 Concen: 4.195 ng
 RT: 17.24 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

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

Tgt Ion:266 Resp: 5702
 Ion Ratio Lower Upper
 266 100
 268 65.0 52.0 78.0
 264 73.3 49.0 73.4

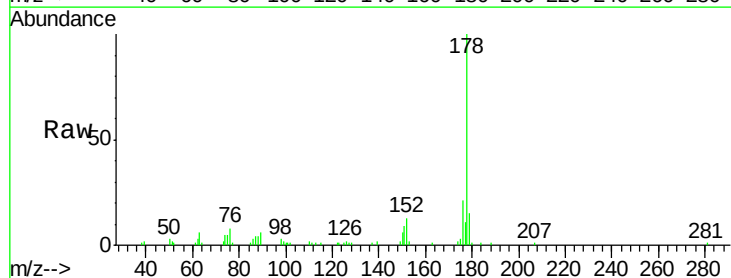


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

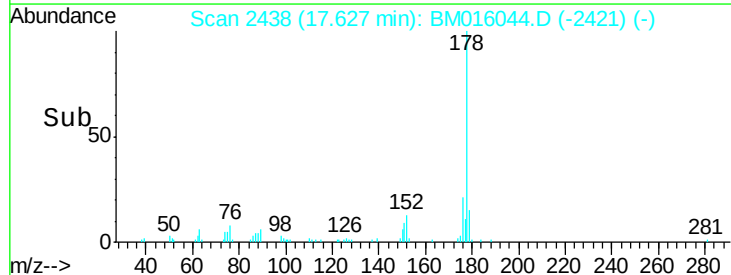
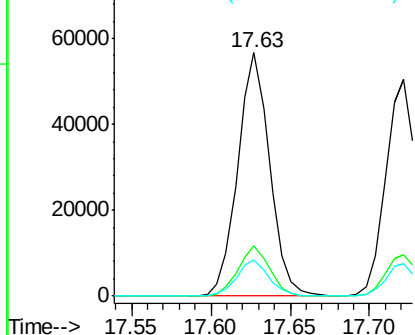


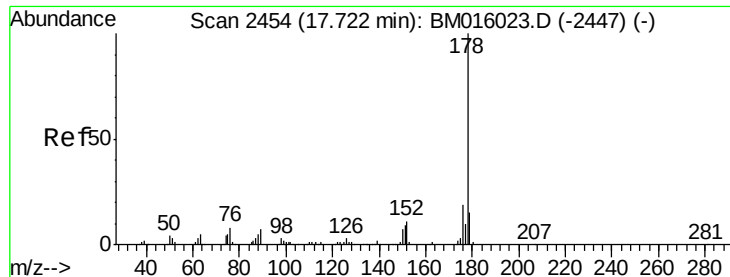
#70
 Phenanthrene
 Concen: 8.021 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:178 Resp: 79042
 Ion Ratio Lower Upper
 178 100
 176 20.6 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

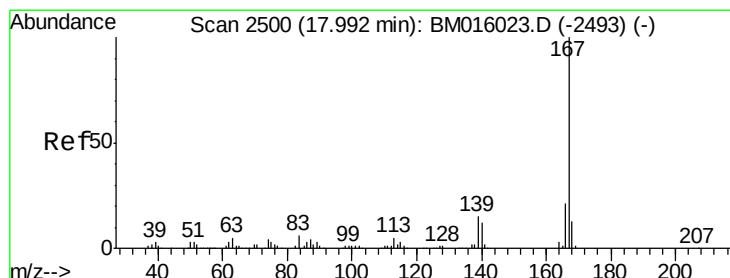
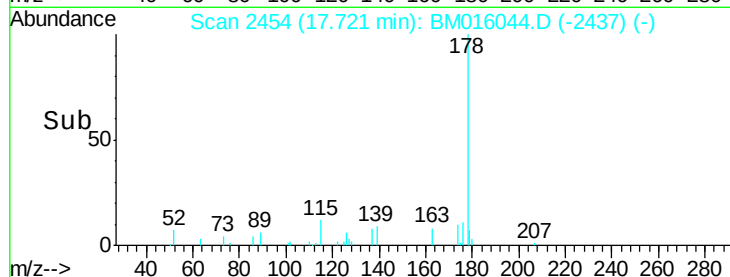
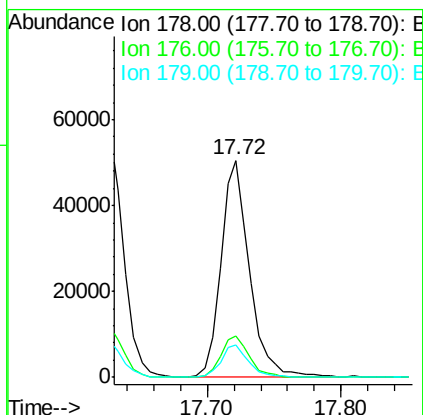
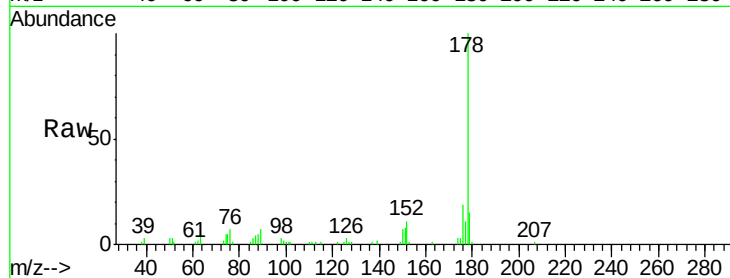




#71
 Anthracene
 Concen: 7.896 ng
 RT: 17.72 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

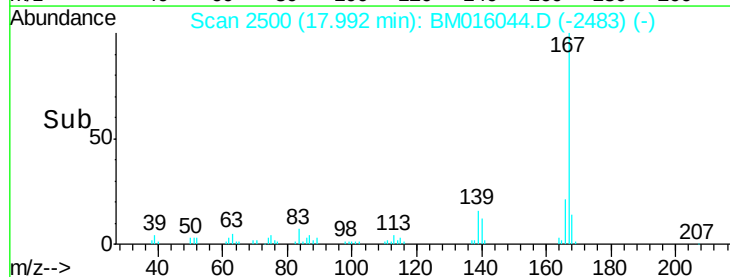
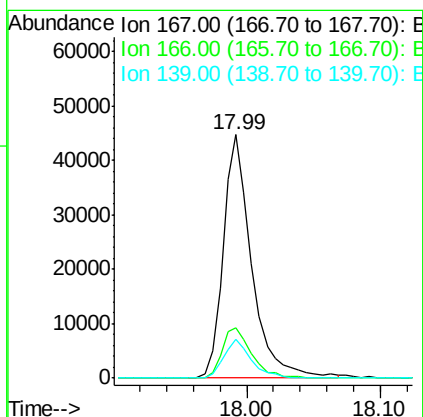
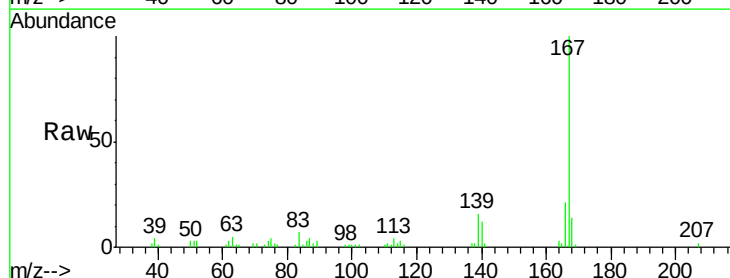
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

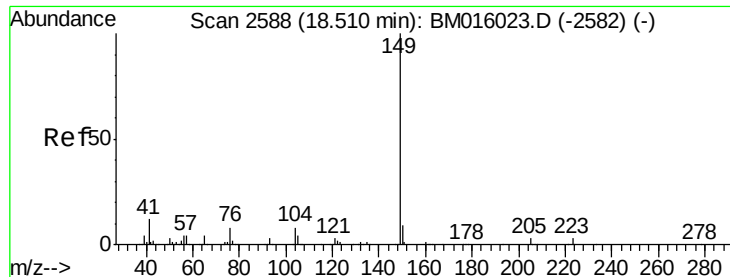
Tgt Ion:178 Resp: 75624
 Ion Ratio Lower Upper
 178 100
 176 18.8 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 6.733 ng
 RT: 17.99 min Scan# 2500
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion:167 Resp: 66802
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 15.7 10.8 16.2





#73

Di-n-butylphthalate

Concen: 6.555 ng

RT: 18.51 min Scan# 2588

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

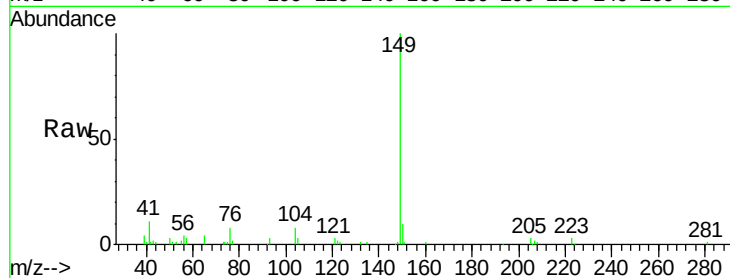
Tgt Ion:149 Resp: 81043

Ion Ratio Lower Upper

149 100

150 9.5 7.5 11.3

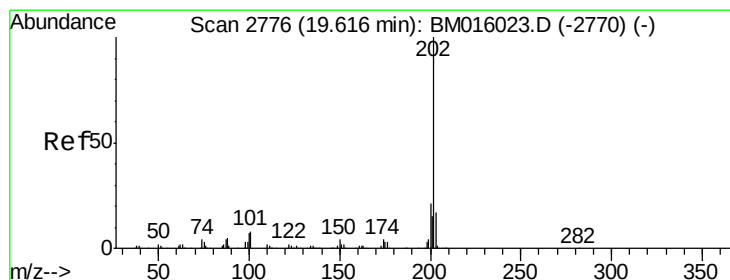
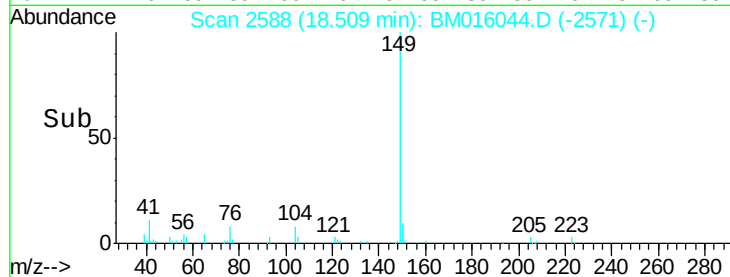
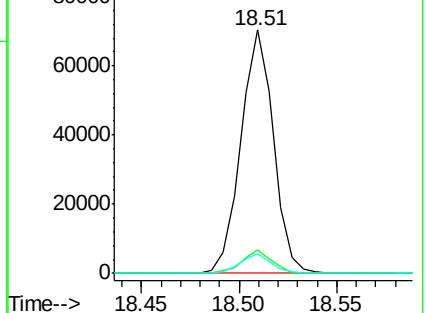
104 7.9 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 7.633 ng

RT: 19.62 min Scan# 2776

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

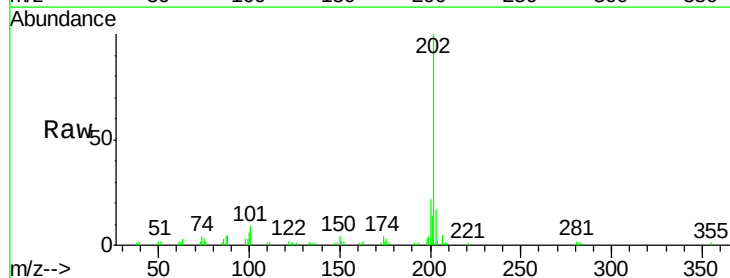
Tgt Ion:202 Resp: 83909

Ion Ratio Lower Upper

202 100

101 9.0 0.0 28.7

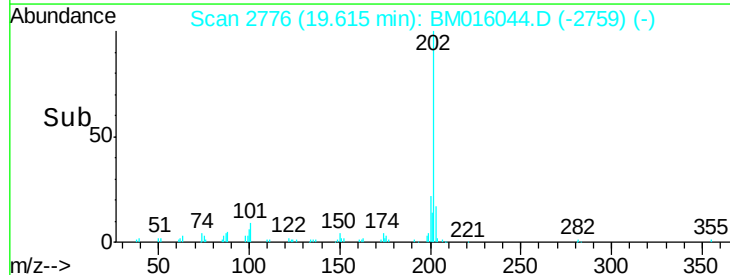
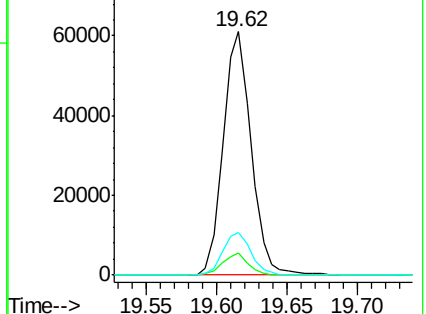
203 17.3 0.0 37.2

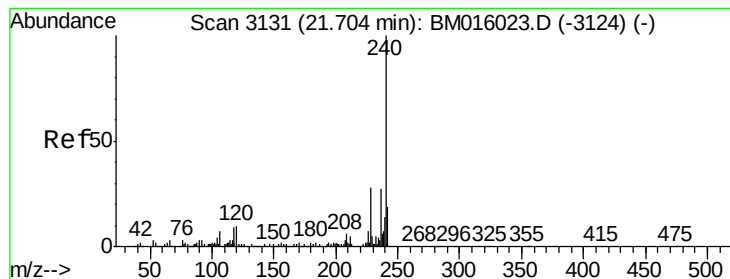


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

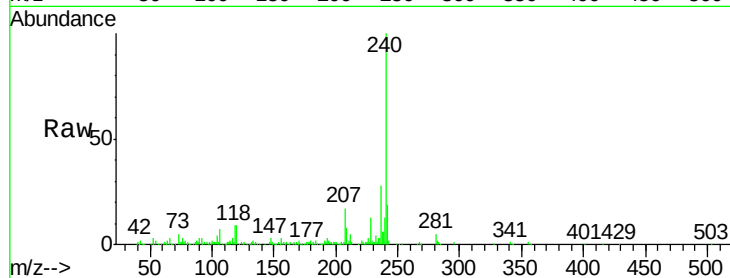
Tgt Ion:240 Resp: 189160

Ion Ratio Lower Upper

240 100

120 9.1 8.2 12.2

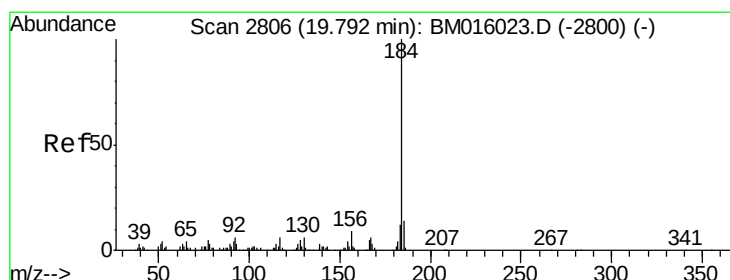
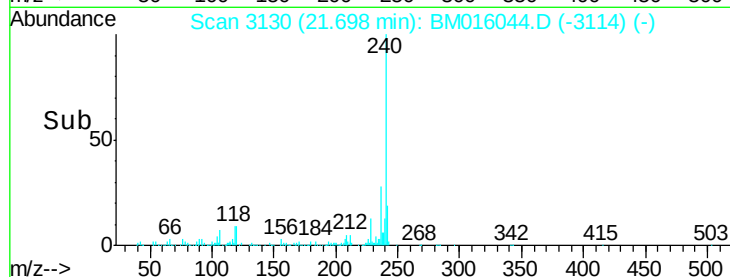
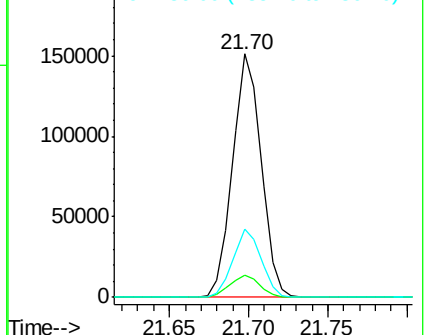
236 28.3 20.0 30.0



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: 3.703 ng

RT: 19.80 min Scan# 2807

Delta R.T. 0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

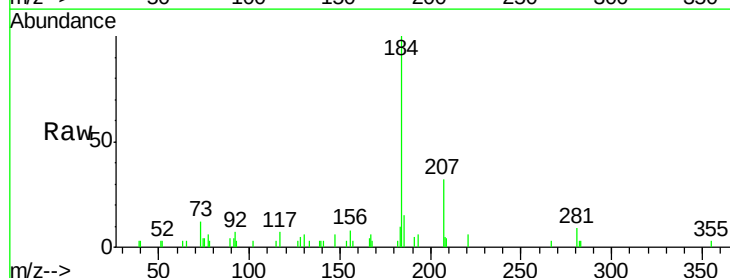
Tgt Ion:184 Resp: 19574

Ion Ratio Lower Upper

184 100

185 15.3 11.3 16.9

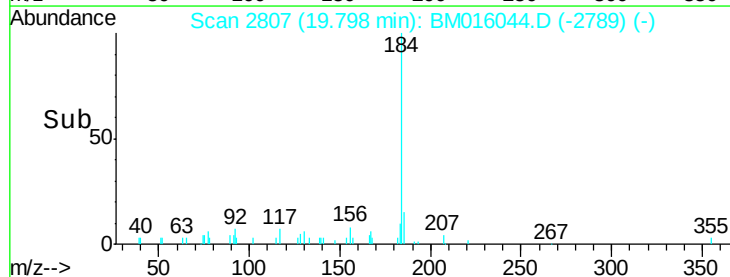
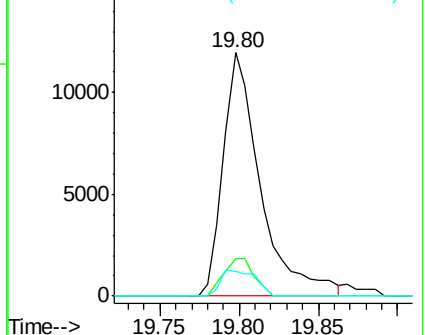
183 10.3 8.9 13.3

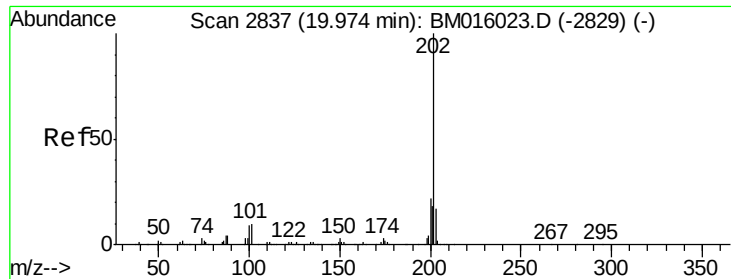


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

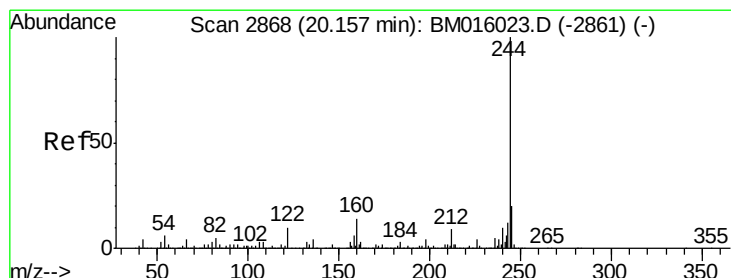
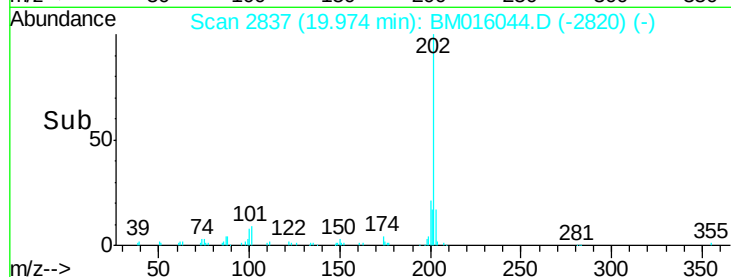
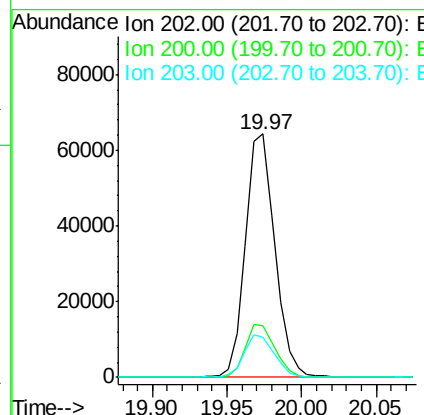
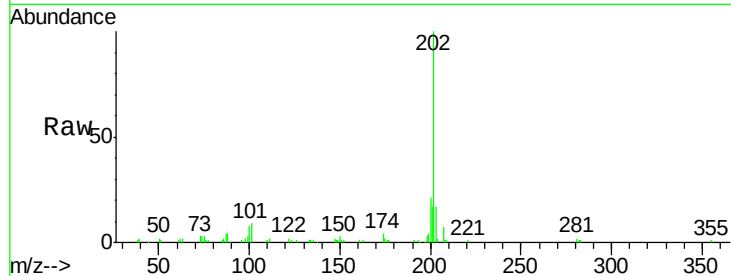




#77
 Pyrene
 Concen: 7.769 ng
 RT: 19.97 min Scan# 2837
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

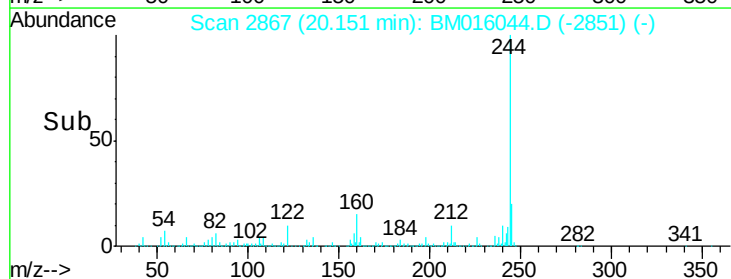
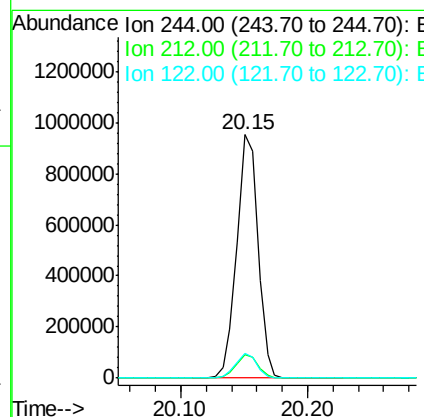
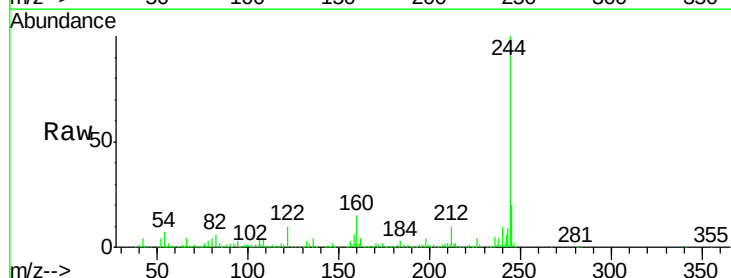
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

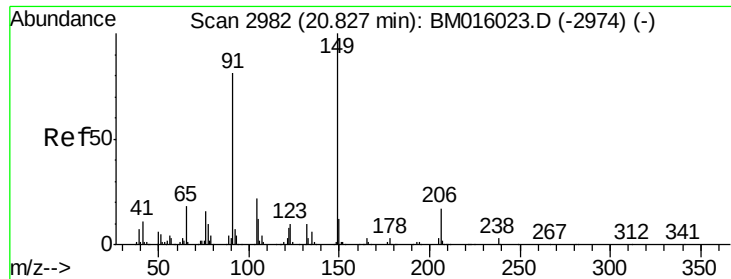
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.9	25.3
203	16.6	14.1	21.1



#78
 Terphenyl-d14
 Concen: 7.769 ng
 RT: 20.15 min Scan# 2867
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.8	4.9	7.3#
122	10.0	6.2	9.4#

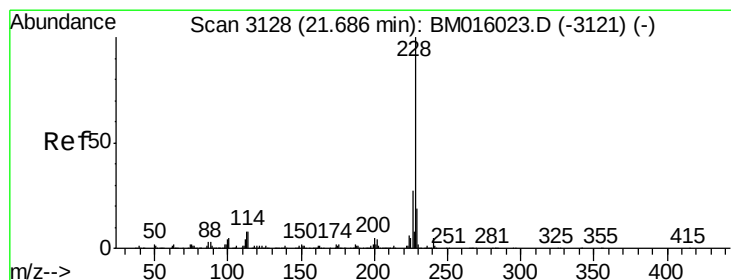
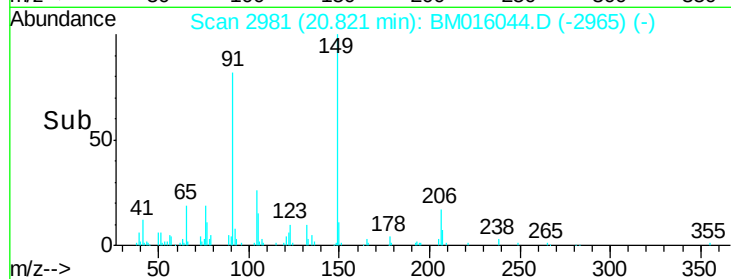
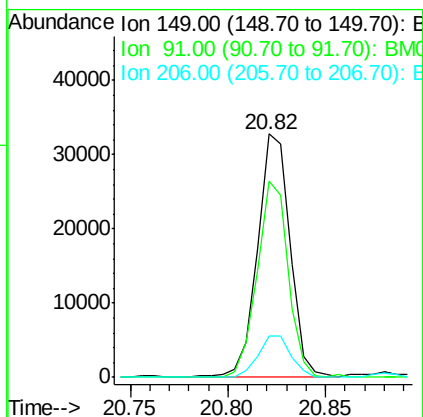
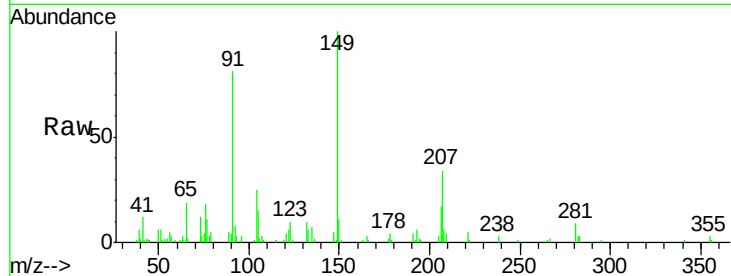




#79
Butylbenzylphthalate
Concen: 6.575 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

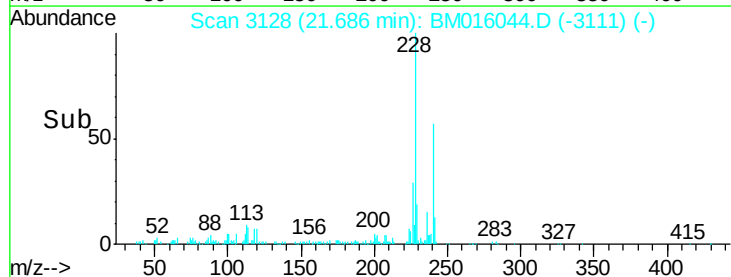
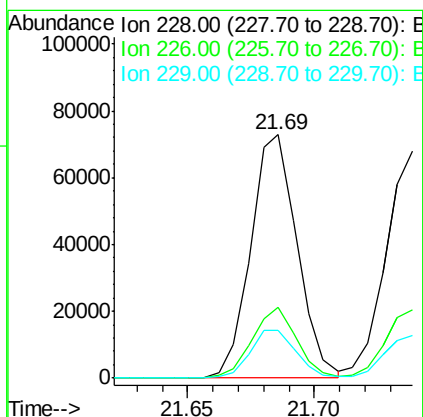
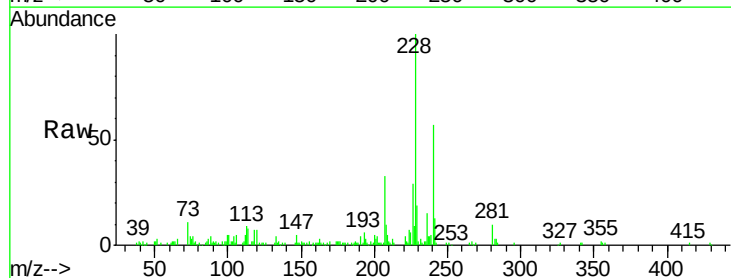
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT3-2018

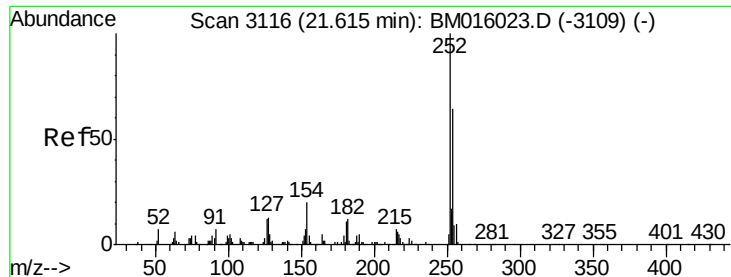
Tgt Ion:149 Resp: 37865
Ion Ratio Lower Upper
149 100
91 80.7 50.1 75.1#
206 16.8 16.2 24.2



#80
Benzo(a)anthracene
Concen: 7.946 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016044.D
Acq: 24 Jul 2018 02:21

Tgt Ion:228 Resp: 92571
Ion Ratio Lower Upper
228 100
226 29.1 21.7 32.5
229 19.4 16.0 24.0

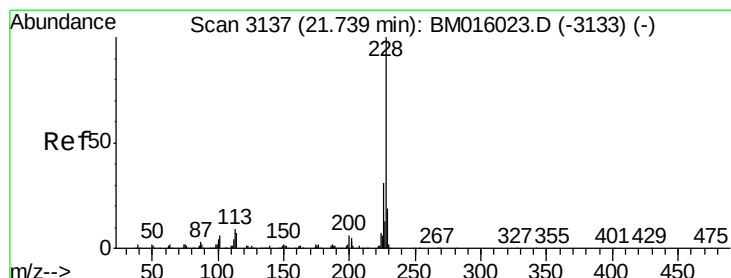
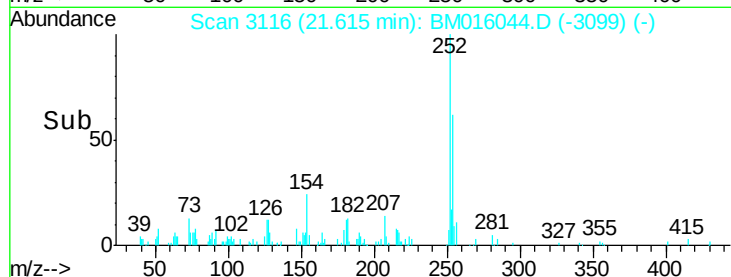
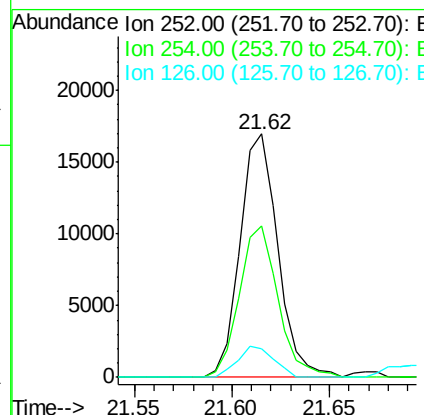
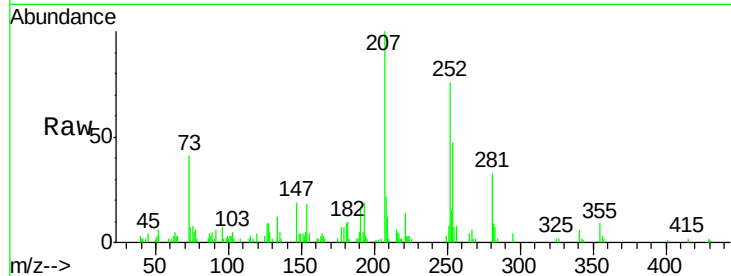




#81
 3,3'-Dichlorobenzidine
 Concen: 4.857 ng
 RT: 21.62 min Scan# 3116
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

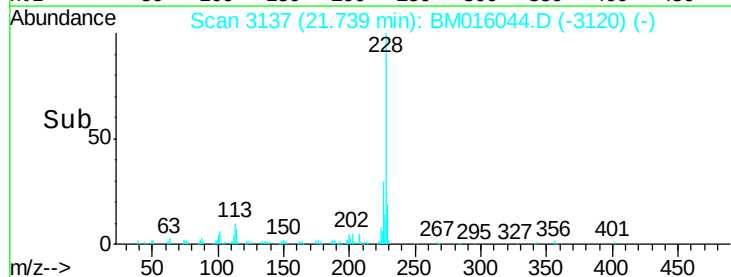
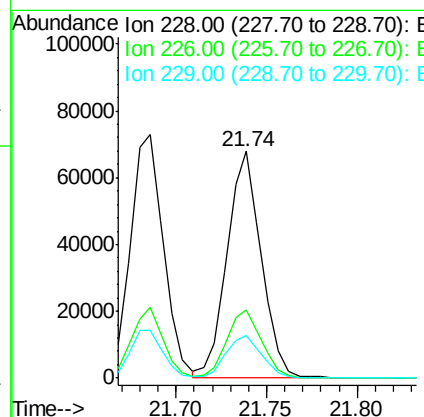
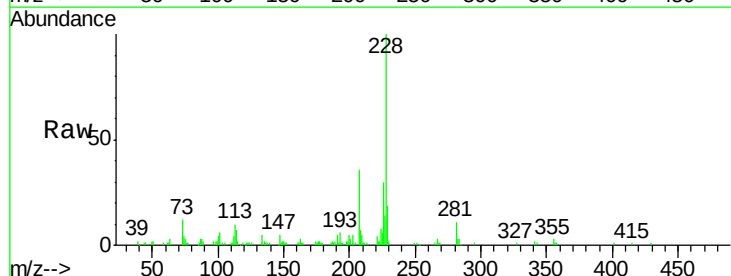
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

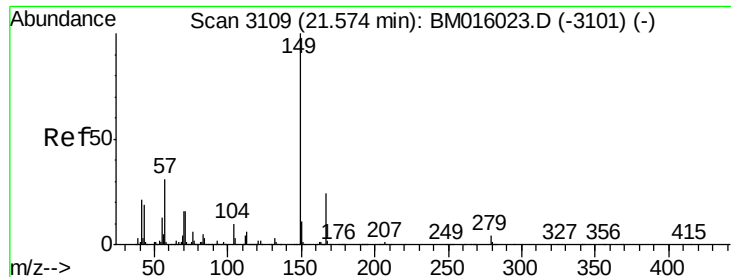
Tgt Ion: 252 Resp: 22791
 Ion Ratio Lower Upper
 252 100
 254 62.1 51.9 77.9
 126 11.6 9.8 14.8



#82
 Chrysene
 Concen: 7.948 ng
 RT: 21.74 min Scan# 3137
 Delta R.T. -0.00 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion: 228 Resp: 88825
 Ion Ratio Lower Upper
 228 100
 226 29.9 24.1 36.1
 229 18.9 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 6.448 ng

RT: 21.57 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

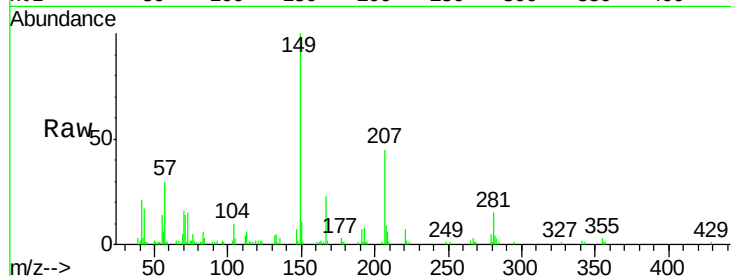
Tgt Ion:149 Resp: 53815

Ion Ratio Lower Upper

149 100

167 23.4 22.4 33.6

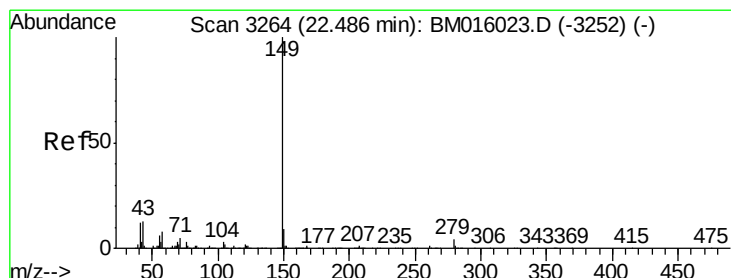
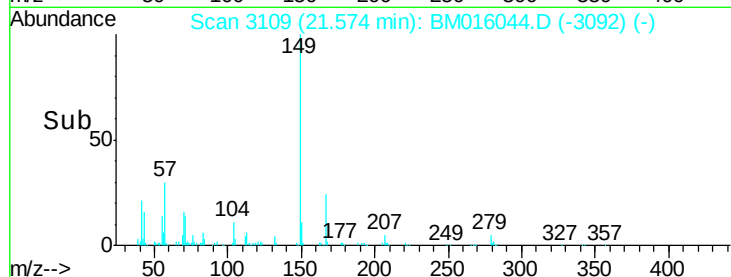
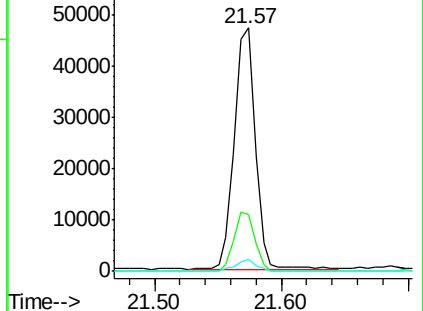
279 4.8 3.4 5.0



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: 6.730 ng

RT: 22.48 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

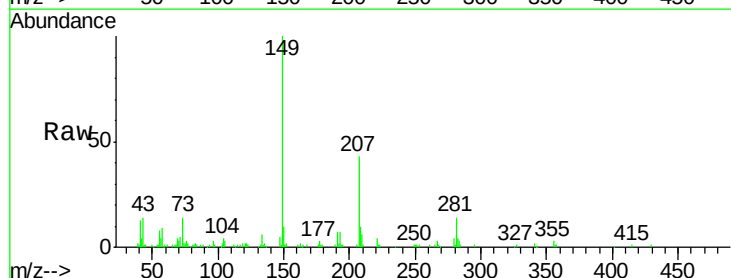
Tgt Ion:149 Resp: 94401

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

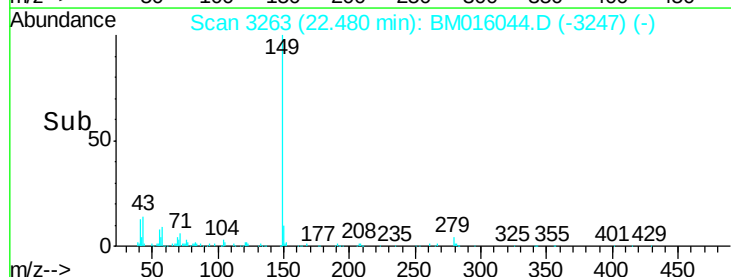
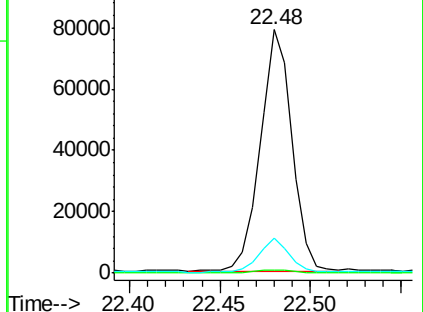
43 13.6 7.3 10.9#

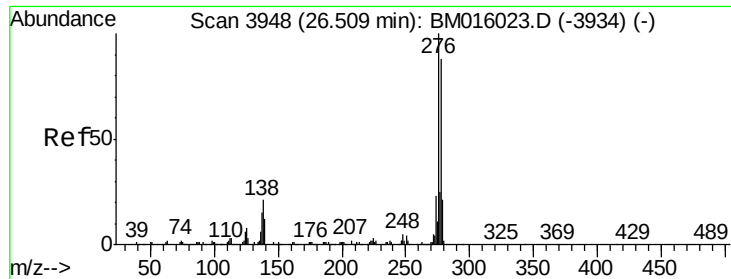


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0

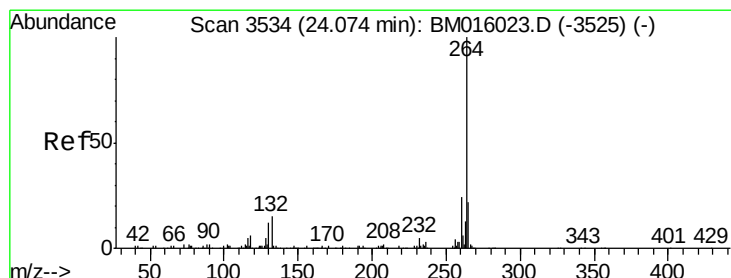
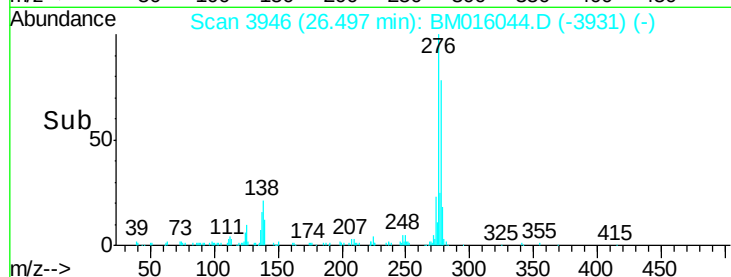
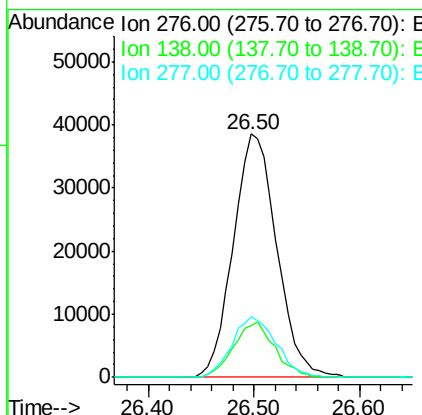
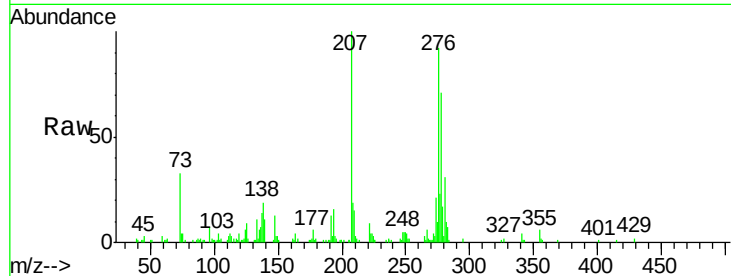




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.321 ng
 RT: 26.50 min Scan# 3946
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

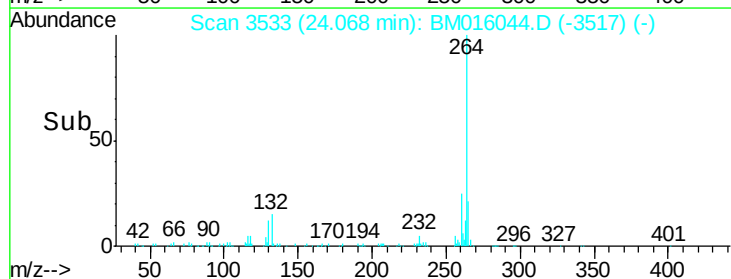
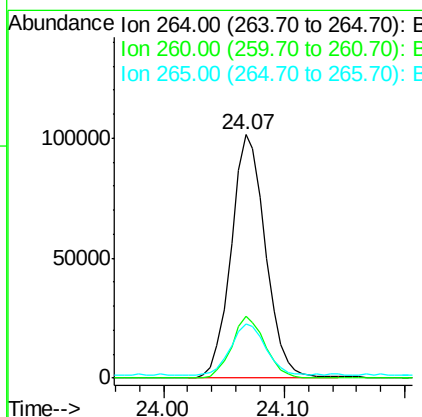
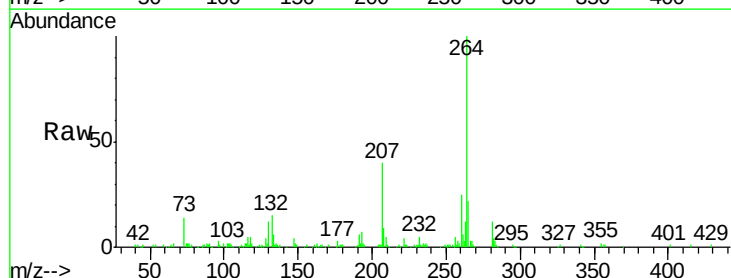
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2018

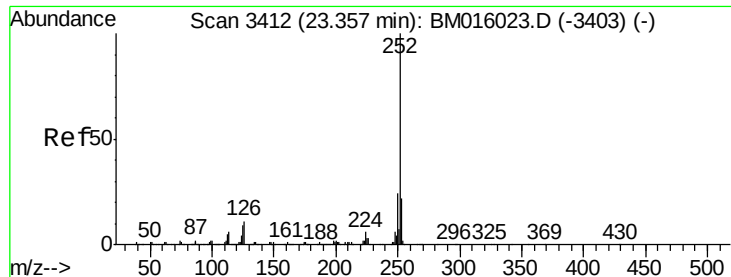
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.3	12.0	18.0#
277	25.2	20.0	30.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.07 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BM016044.D
 Acq: 24 Jul 2018 02:21

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.6	27.8
265	22.1	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 6.642 ng

RT: 23.40 min Scan# 3419

Delta R.T. 0.04 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

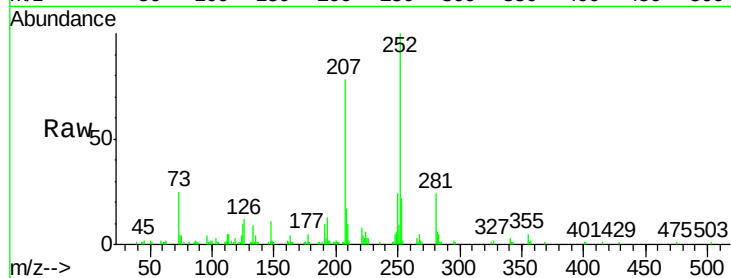
Tgt Ion:252 Resp: 78714

Ion Ratio Lower Upper

252 100

253 22.3 18.0 27.0

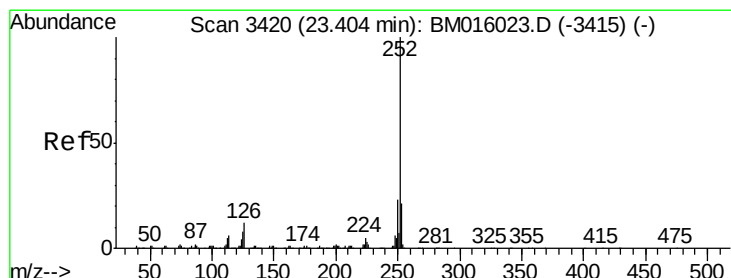
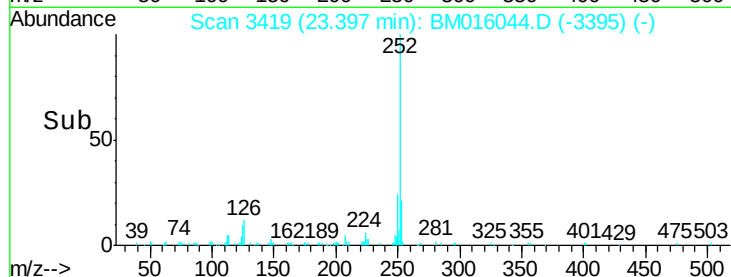
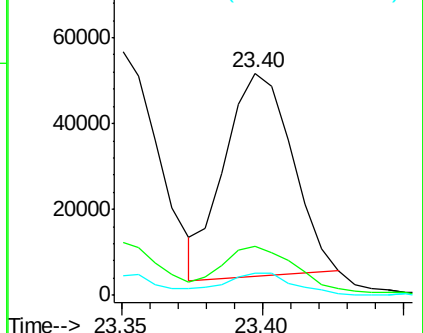
125 10.1 9.9 14.9



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: 7.855 ng

RT: 23.40 min Scan# 3419

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

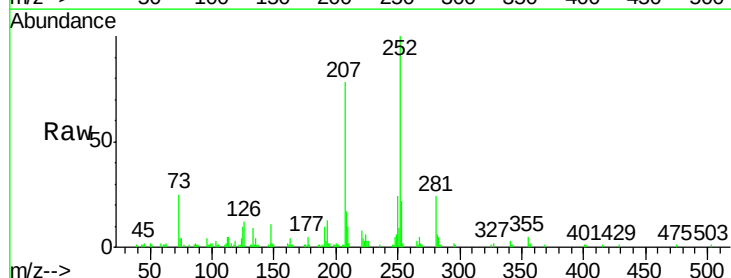
Tgt Ion:252 Resp: 94332

Ion Ratio Lower Upper

252 100

253 22.3 17.2 25.8

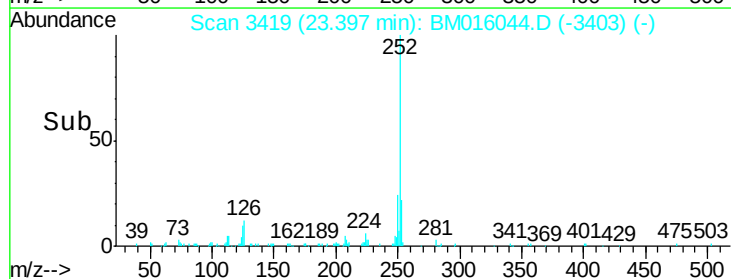
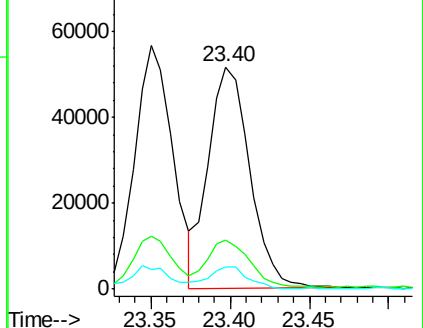
125 10.1 8.1 12.1

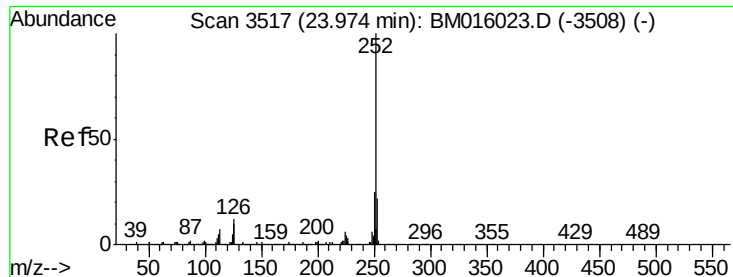


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 8.106 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

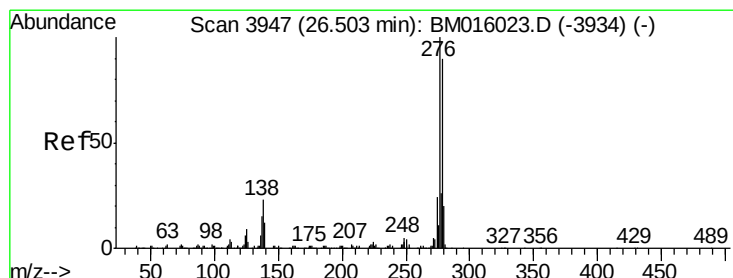
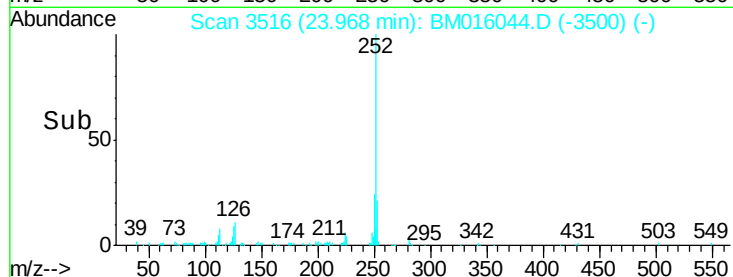
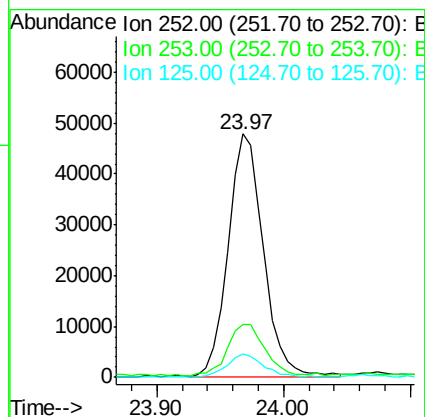
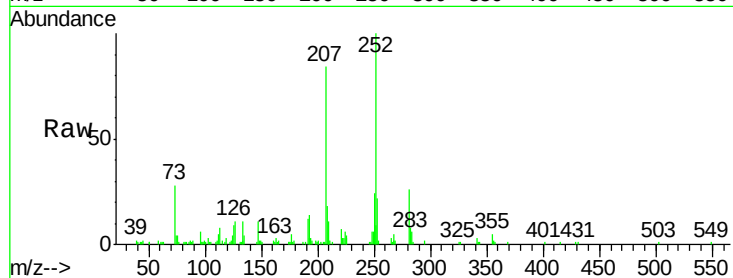
Tgt Ion:252 Resp: 92342

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.5 7.4 11.2



#90

Dibenzo(a,h)anthracene

Concen: 7.797 ng

RT: 26.50 min Scan# 3947

Delta R.T. -0.00 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

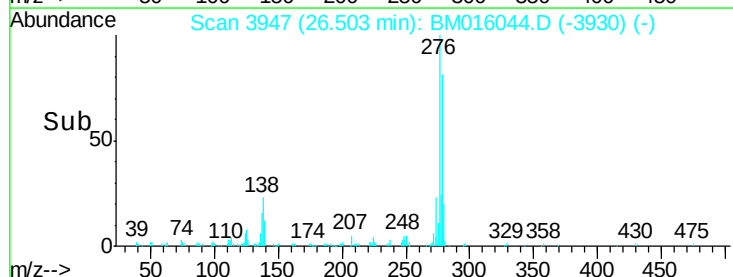
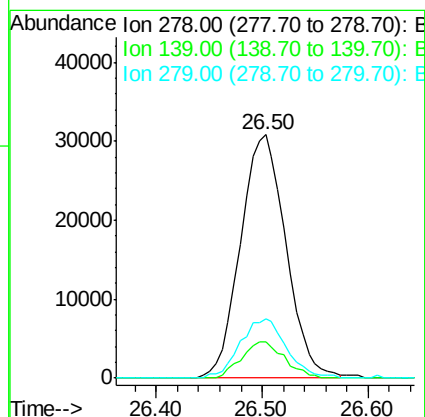
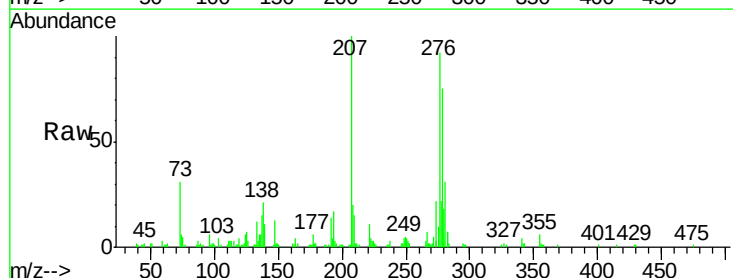
Tgt Ion:278 Resp: 92030

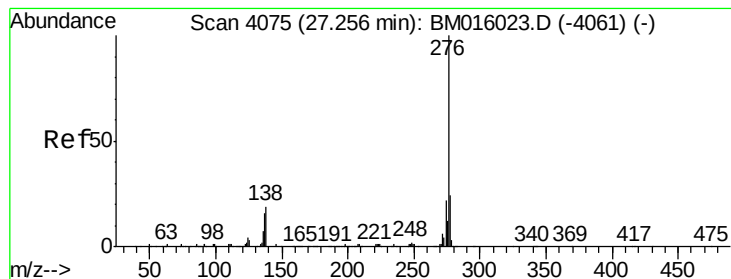
Ion Ratio Lower Upper

278 100

139 14.8 13.4 20.0

279 24.1 19.0 28.4





#91

Benzo(g,h,i)perylene

Concen: 8.087 ng

RT: 27.25 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BM016044.D

Acq: 24 Jul 2018 02:21

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT3-2018

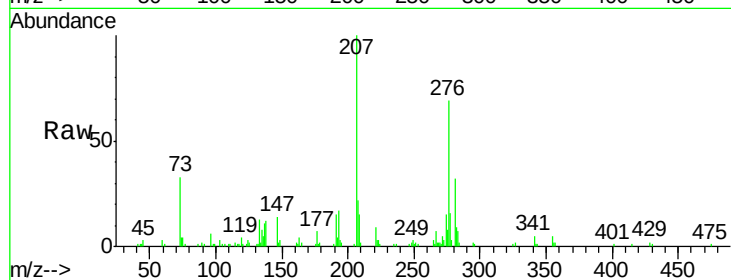
Tgt Ion: 276 Resp: 90279

Ion Ratio Lower Upper

276 100

277 22.5 18.5 27.7

138 17.5 19.0 28.6#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

