

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017175.D
 Acq On : 18 Oct 2018 01:23
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 8 PPM
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

Quant Time: Oct 18 13:01:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 17 14:23:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	221715	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	923883	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	544136	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1281083	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1525069	20.00	ng	0.00
87) Perylene-d12	23.47	264	1572117	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	1575447	120.18	ng	0.00
7) Phenol-d6	6.85	99	2061305	115.46	ng	0.00
23) Nitrobenzene-d5	8.82	82	1217163	77.05	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	886824	120.51	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2945036	72.01	ng	0.00
79) Terphenyl-d14	19.70	244	4667775	68.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.27	88	38815	5.799	ng	# 84
3) Pyridine	3.66	79	101686	6.602	ng	# 84
4) n-Nitrosodimethylamine	3.57	42	46475	7.516	ng	# 67
6) Aniline	7.01	93	115147	5.156	ng	99
8) 2-Chlorophenol	7.24	128	103101	6.798	ng	96
9) Benzaldehyde	6.83	77	79495	6.983	ng	95
10) Phenol	6.87	94	131964	6.868	ng	91
11) bis(2-Chloroethyl)ether	7.11	93	97183	6.345	ng	96
12) 1,3-Dichlorobenzene	7.56	146	117218	6.630	ng	97
13) 1,4-Dichlorobenzene	7.70	146	118289	6.549	ng	98
14) 1,2-Dichlorobenzene	8.02	146	113784	6.538	ng	97
15) Benzyl Alcohol	7.92	79	85386	6.543	ng	88
16) 2,2'-oxybis(1-Chloropropan	8.20	45	132558	6.194	ng	99
17) 2-Methylphenol	8.12	107	82731	6.708	ng	98
18) Hexachloroethane	8.73	117	40575	6.564	ng	96
19) n-Nitroso-di-n-propylamine	8.47	70	75096	6.388	ng	95
20) 3+4-Methylphenols	8.44	107	110258	6.536	ng	97
22) Acetophenone	8.49	105	153994	6.576	ng	# 96
24) Nitrobenzene	8.87	77	122857	7.353	ng	91
25) Isophorone	9.39	82	191944	7.358	ng	96
26) 2-Nitrophenol	9.57	139	42285	10.468	ng	92
27) 2,4-Dimethylphenol	9.63	122	89442	7.754	ng	97
28) bis(2-Chloroethoxy)methane	9.87	93	126458	6.888	ng	99
29) 2,4-Dichlorophenol	10.10	162	89200	6.661	ng	96
30) 1,2,4-Trichlorobenzene	10.31	180	107570	6.696	ng	98
31) Naphthalene	10.50	128	323082	7.136	ng	99
32) Benzoic acid	9.71	122	31973	3.715	ng	91
33) 4-Chloroaniline	10.62	127	92281	4.719	ng	# 94
34) Hexachlorobutadiene	10.78	225	66039	6.488	ng	100
35) Caprolactam	11.39	113	24217	4.962	ng	93
36) 4-Chloro-3-methylphenol	11.74	107	99300	6.578	ng	95
37) 2-Methylnaphthalene	12.12	142	236193	7.623	ng	94
38) 1-Methylnaphthalene	12.34	142	222572	7.381	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	120824	6.305	ng	99

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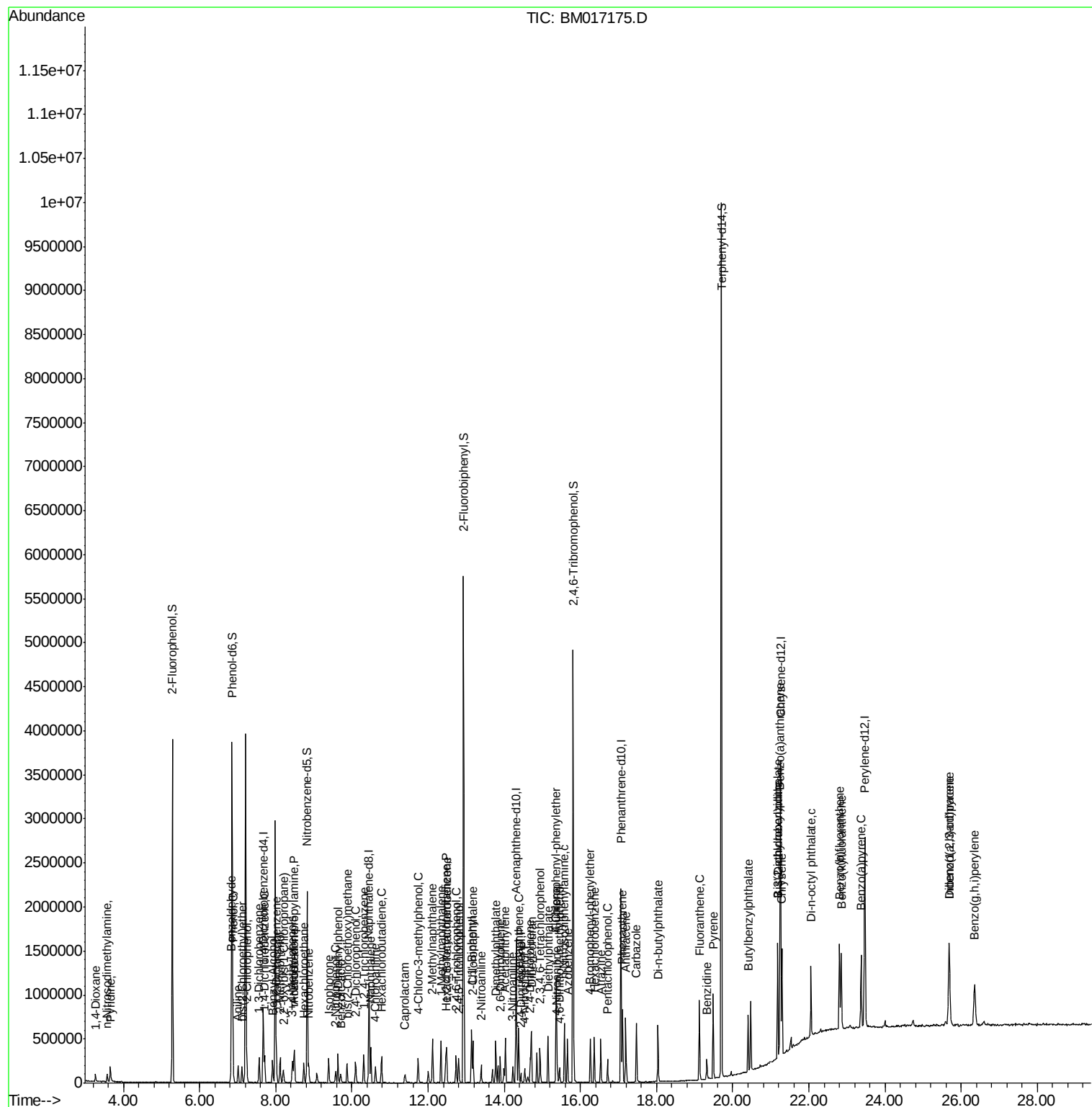
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	74009	7.989	ng	100
43) 2,4,6-Trichlorophenol	12.73	196	70496	6.337	ng	99
44) 2,4,5-Trichlorophenol	12.80	196	80817	6.775	ng	95
46) 1,1'-Biphenyl	13.14	154	304939	6.227	ng	99
47) 2-Chloronaphthalene	13.18	162	232943	6.466	ng	98
48) 2-Nitroaniline	13.39	65	53740	10.342	ng	96
49) Acenaphthylene	14.03	152	368999	7.067	ng	99
50) Dimethylphthalate	13.77	163	292649	6.971	ng	99
51) 2,6-Dinitrotoluene	13.90	165	54841	5.935	ng #	88
52) Acenaphthene	14.37	154	224217	6.839	ng	99
53) 3-Nitroaniline	14.23	138	44170	4.414	ng #	88
54) 2,4-Dinitrophenol	14.44	184	23038	12.039	ng	94
55) Dibenzofuran	14.72	168	365413	6.702	ng	97
56) 4-Nitrophenol	14.54	139	43998	9.257	ng	87
57) 2,4-Dinitrotoluene	14.69	165	71572	5.763	ng	89
58) Fluorene	15.36	166	290670	7.203	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	76581	7.043	ng	97
60) Diethylphthalate	15.15	149	287225	6.899	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	153907	6.690	ng	98
62) 4-Nitroaniline	15.39	138	54948	9.188	ng	90
63) Azobenzene	15.66	77	261303	6.457	ng	97
65) 4,6-Dinitro-2-methylphenol	15.45	198	36591	10.801	ng	92
66) n-Nitrosodiphenylamine	15.58	169	249006	6.424	ng	99
67) 4-Bromophenyl-phenylether	16.26	248	92228	6.557	ng	96
68) Hexachlorobenzene	16.37	284	104583	6.401	ng	98
69) Atrazine	16.54	200	86315	6.222	ng	96
70) Pentachlorophenol	16.72	266	49643	4.435	ng	100
71) Phenanthrene	17.10	178	492325	7.123	ng	99
72) Anthracene	17.20	178	470478	7.164	ng	98
73) Carbazole	17.47	167	419810	6.258	ng	100
74) Di-n-butylphthalate	18.04	149	431018	6.091	ng	100
75) Fluoranthene	19.13	202	556955	7.161	ng	100
77) Benzidine	19.32	184	136379	3.527	ng	98
78) Pyrene	19.49	202	580291	6.808	ng	99
80) Butylbenzylphthalate	20.40	149	178589	11.859	ng	98
81) Benzo(a)anthracene	21.24	228	607737	7.081	ng	98
82) 3,3'-Dichlorobenzidine	21.18	252	138536	4.331	ng	97
83) Chrysene	21.29	228	595628	7.012	ng	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	267054	10.094	ng	99
85) Di-n-octyl phthalate	22.06	149	461894	10.428	ng	99
86) Indeno(1,2,3-cd)pyrene	25.68	276	681252	7.170	ng	98
88) Benzo(b)fluoranthene	22.80	252	607875	7.072	ng	98
89) Benzo(k)fluoranthene	22.85	252	596012	6.910	ng	98
90) Benzo(a)pyrene	23.37	252	565454	6.929	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	572552	7.065	ng	99
92) Benzo(g,h,i)perylene	26.35	276	571391	7.114	ng	98

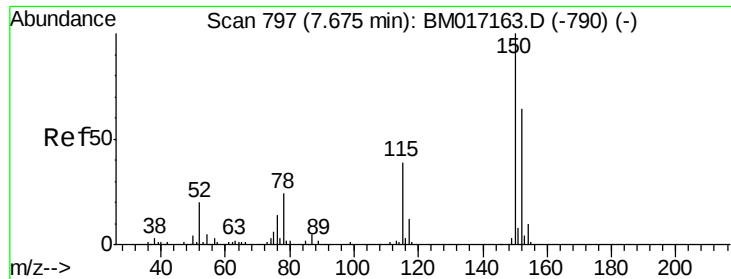
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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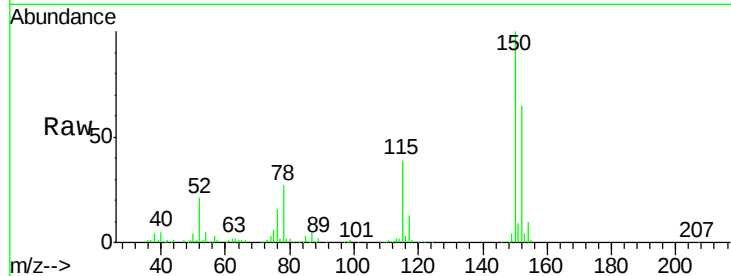


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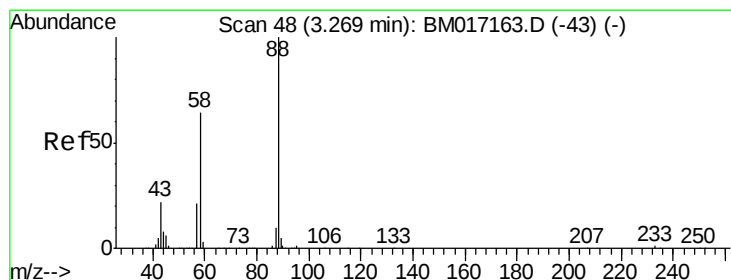
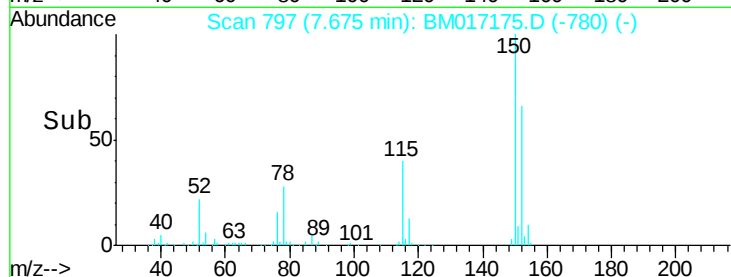
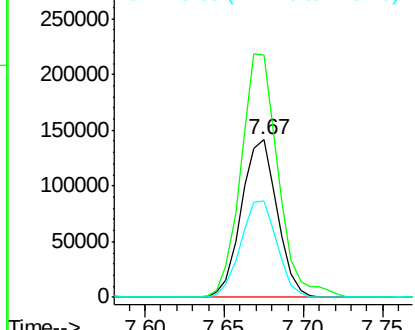
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

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Tgt Ion: 152 Resp: 221715
Ion Ratio Lower Upper
152 100
150 153.8 124.3 186.5
115 60.7 48.1 72.1



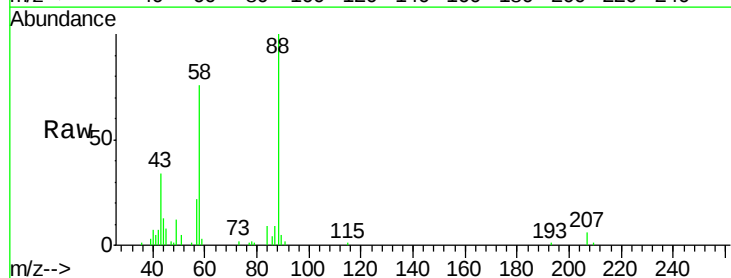
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



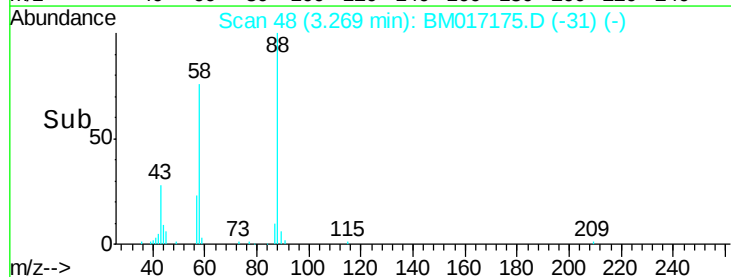
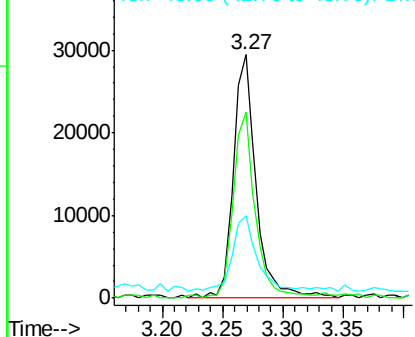
#2

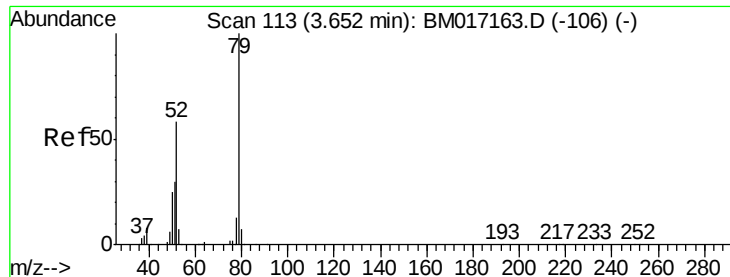
1,4-Dioxane
Concen: 5.799 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion: 88 Resp: 38815
Ion Ratio Lower Upper
88 100
58 74.2 50.2 75.4
43 33.7 19.3 28.9#



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: 6.602 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

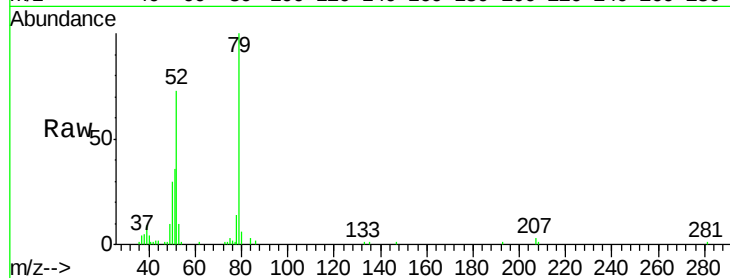
Tgt Ion: 79 Resp: 101686

Ion Ratio Lower Upper

79 100

52 73.0 46.5 69.7#

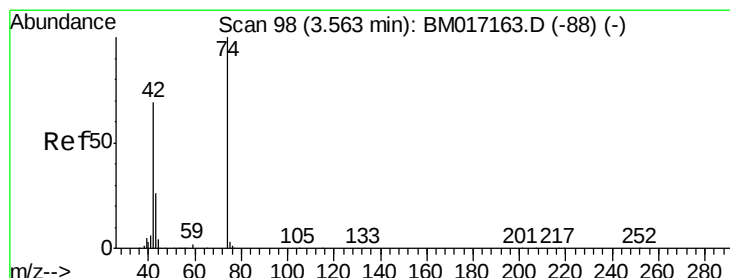
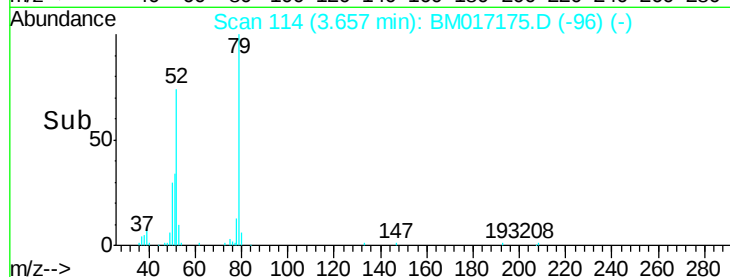
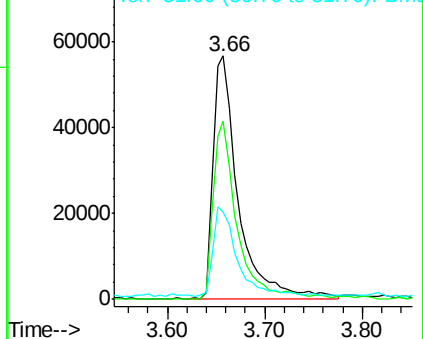
51 35.7 24.6 37.0



Abundance Ion 79.00 (78.70 to 79.70): BM017163.D (-106) (-)

Ion 52.00 (51.70 to 52.70): BM017163.D (-106) (-)

Ion 51.00 (50.70 to 51.70): BM017163.D (-106) (-)



#4

n-Nitrosodimethylamine

Concen: 7.516 ng

RT: 3.57 min Scan# 99

Delta R.T. 0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

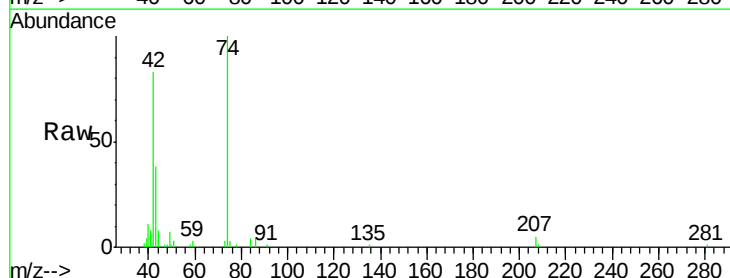
Tgt Ion: 42 Resp: 46475

Ion Ratio Lower Upper

42 100

74 120.2 114.4 171.6

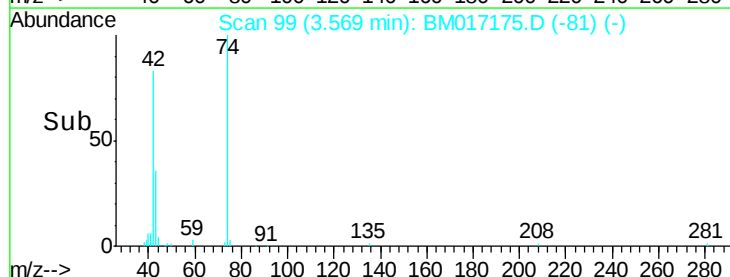
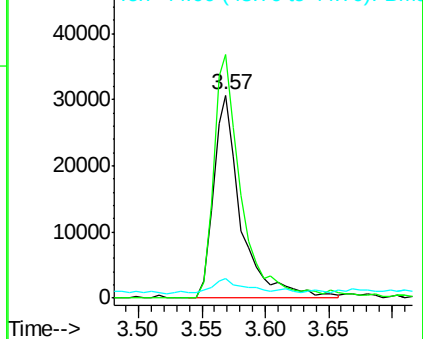
44 9.4 48.6 73.0#

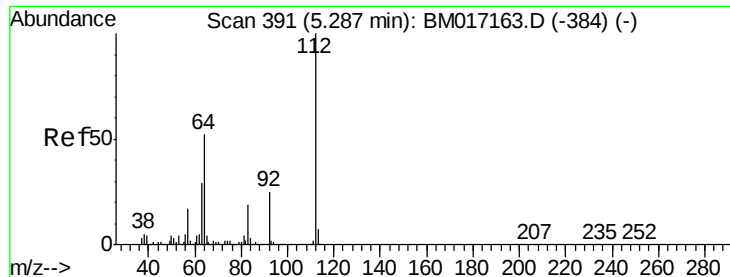


Abundance Ion 42.00 (41.70 to 42.70): BM017163.D (-88) (-)

Ion 74.00 (73.70 to 74.70): BM017163.D (-88) (-)

Ion 44.00 (43.70 to 44.70): BM017163.D (-88) (-)





#5

2-Fluorophenol

Concen: 120.182 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

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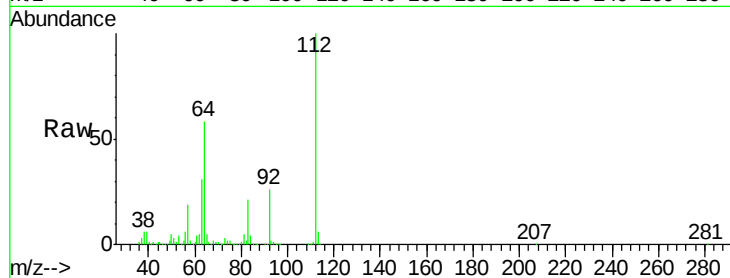
Tgt Ion: 112 Resp: 1575447

Ion Ratio Lower Upper

112 100

64 57.9 41.7 62.5

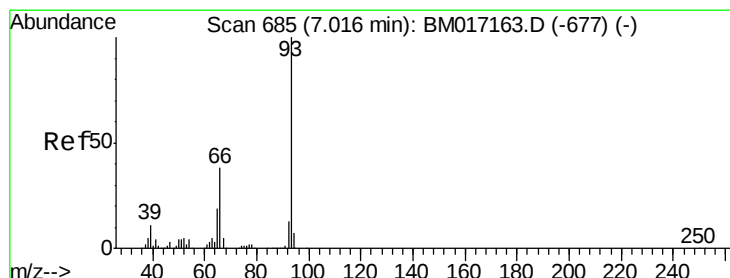
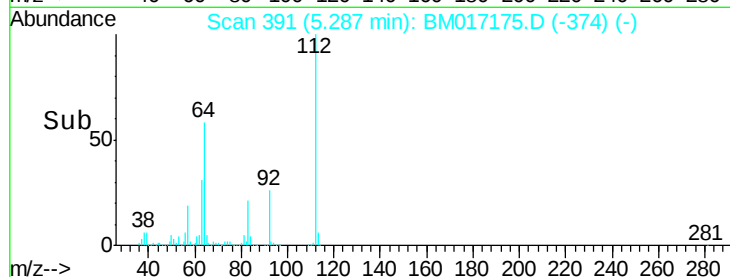
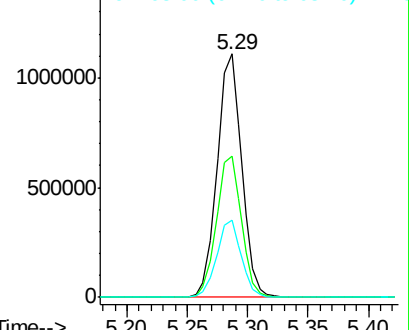
63 31.5 23.0 34.4



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: 5.156 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

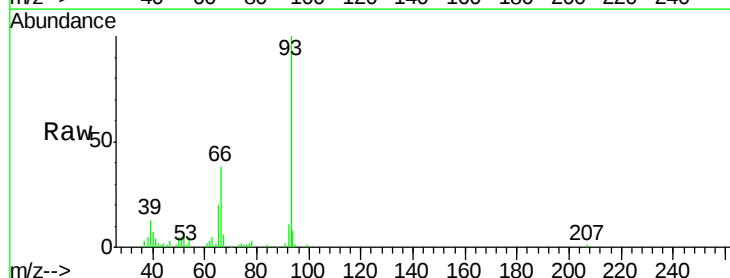
Tgt Ion: 93 Resp: 115147

Ion Ratio Lower Upper

93 100

66 37.8 30.4 45.6

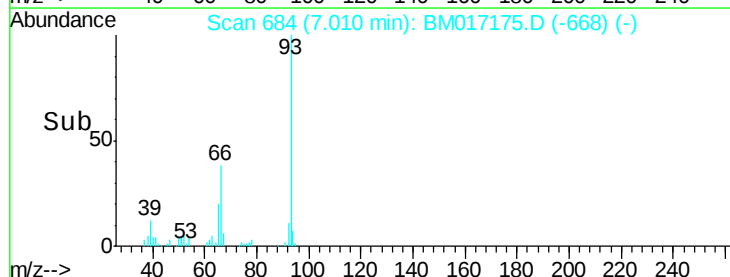
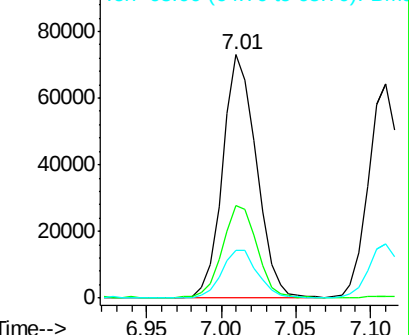
65 19.6 15.3 22.9

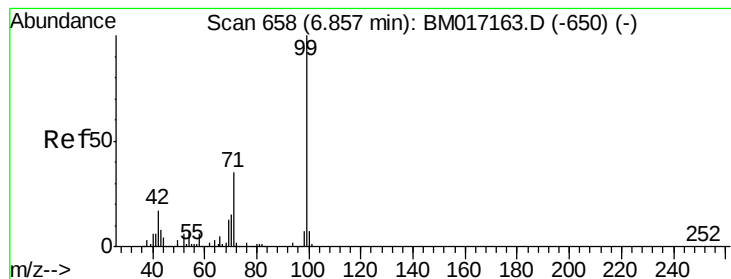


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 115.456 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

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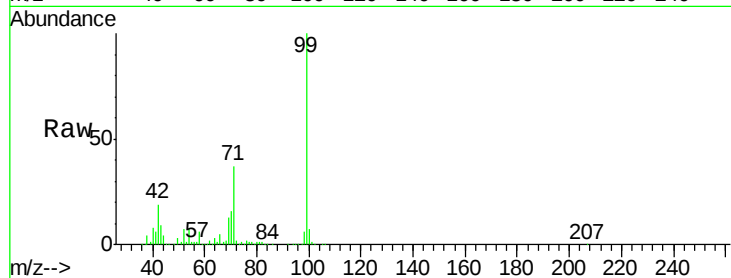
Tgt Ion: 99 Resp: 2061305

Ion Ratio Lower Upper

99 100

42 18.7 13.3 19.9

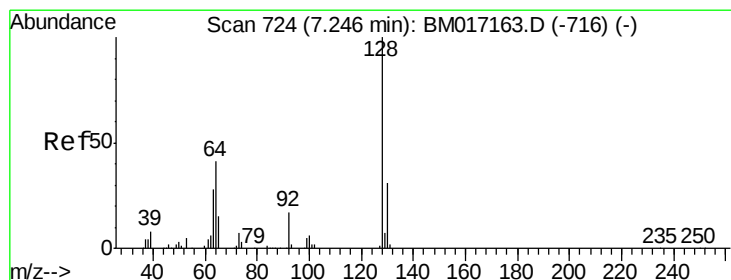
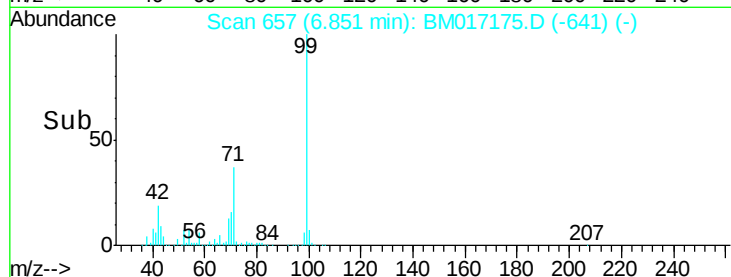
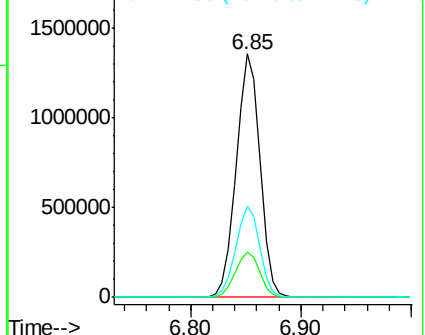
71 37.5 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM017163.D (-650) (-)

Ion 42.00 (41.70 to 42.70): BM017163.D (-650) (-)

Ion 71.00 (70.70 to 71.70): BM017163.D (-650) (-)



#8

2-Chlorophenol

Concen: 6.798 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

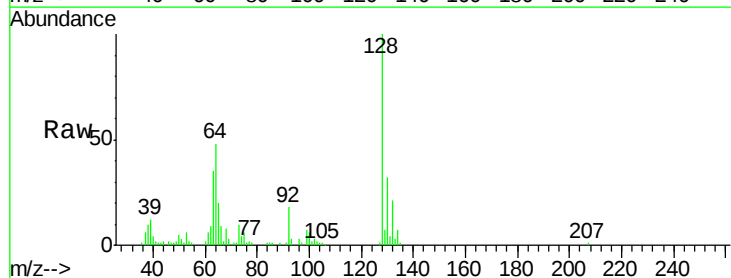
Tgt Ion: 128 Resp: 103101

Ion Ratio Lower Upper

128 100

130 31.5 11.0 51.0

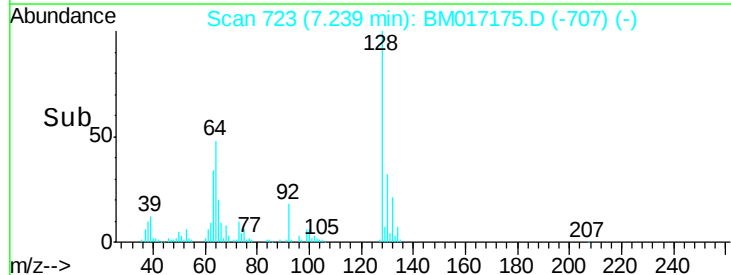
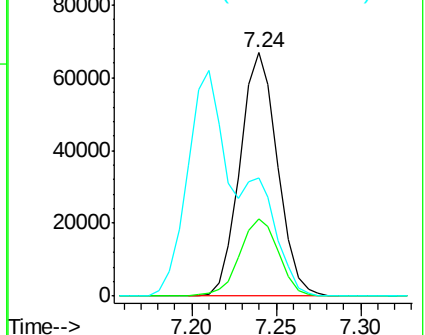
64 48.4 24.1 64.1

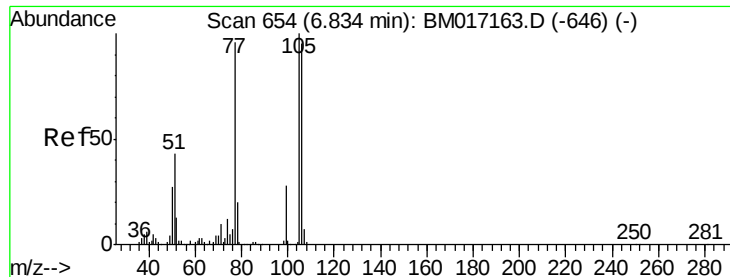


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

Ion 130.00 (129.70 to 130.70): BM017163.D (-716) (-)

Ion 64.00 (63.70 to 64.70): BM017163.D (-716) (-)





#9

Benzaldehyde

Concen: 6.983 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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LOD-MDL-WATER-01-QT4-2018

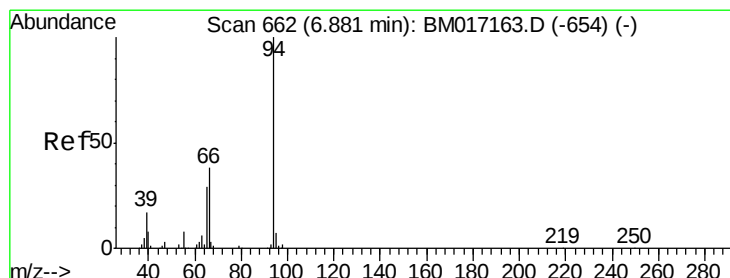
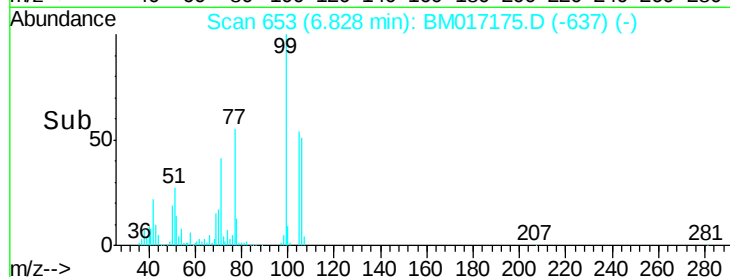
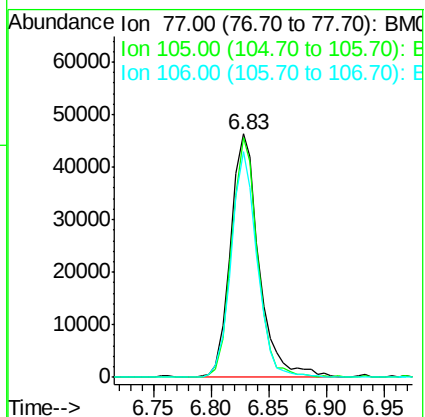
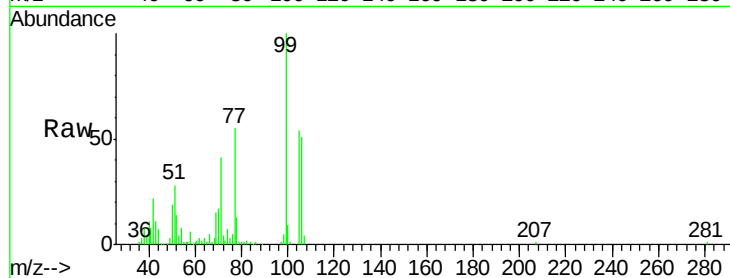
Tgt Ion: 77 Resp: 79495

Ion Ratio Lower Upper

77 100

105 98.6 83.9 123.9

106 92.7 78.2 118.2



#10

Phenol

Concen: 6.868 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

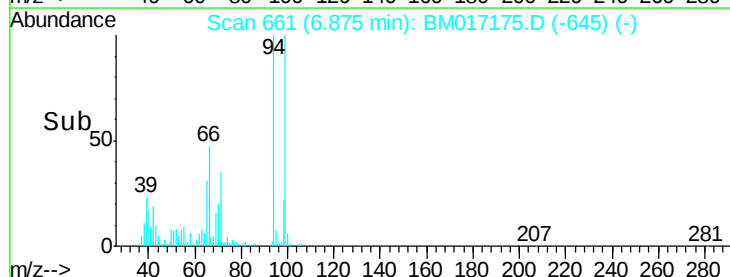
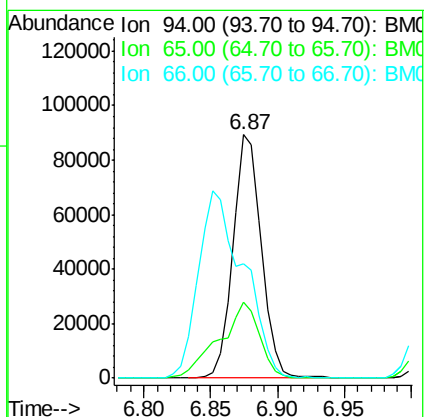
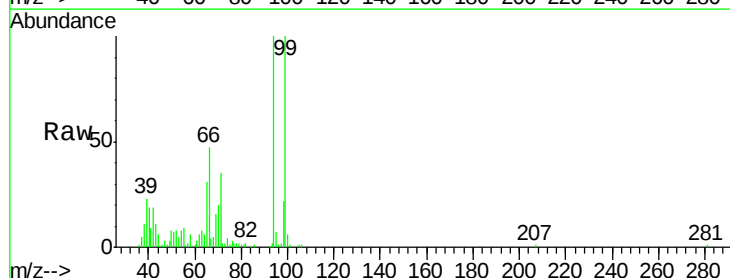
Tgt Ion: 94 Resp: 131964

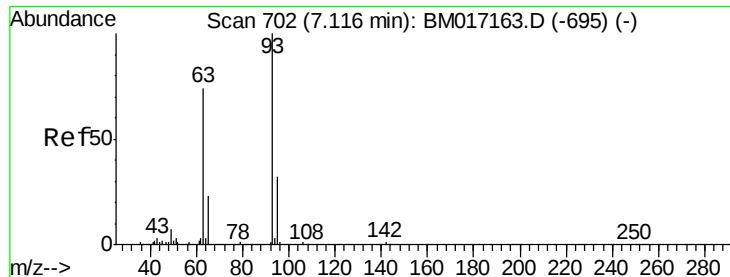
Ion Ratio Lower Upper

94 100

65 31.0 9.4 49.4

66 46.8 19.0 59.0

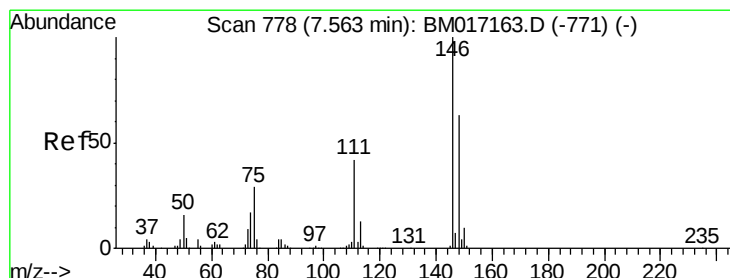
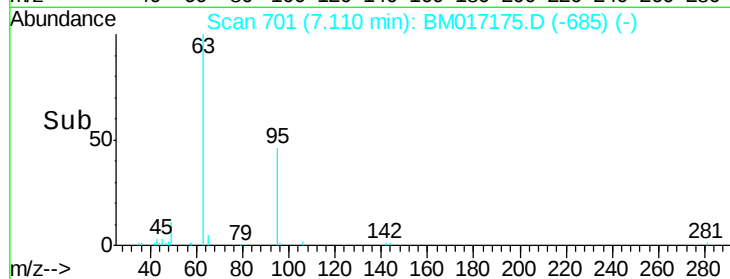
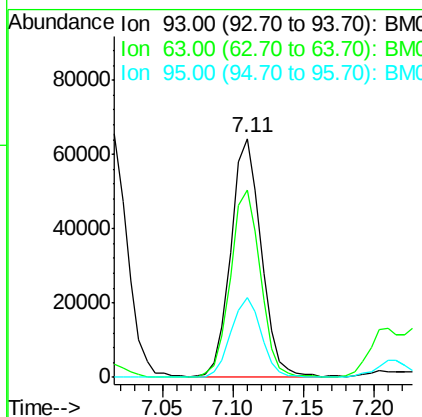
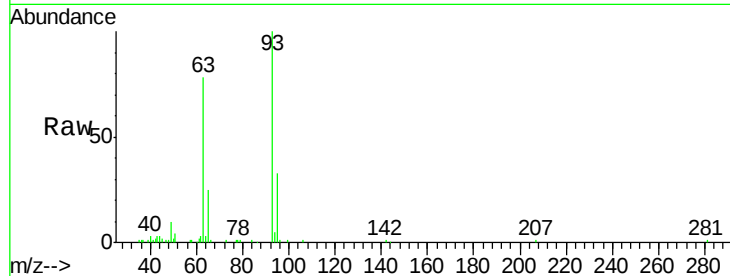




#11
bis(2-Chloroethyl)ether
Concen: 6.345 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

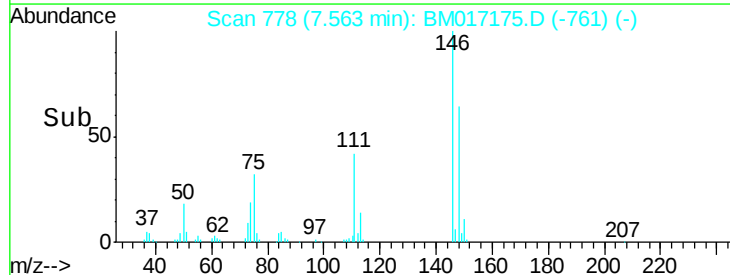
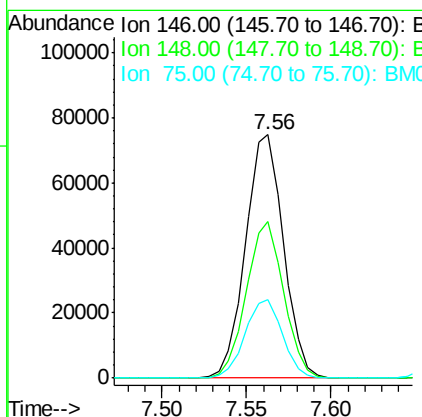
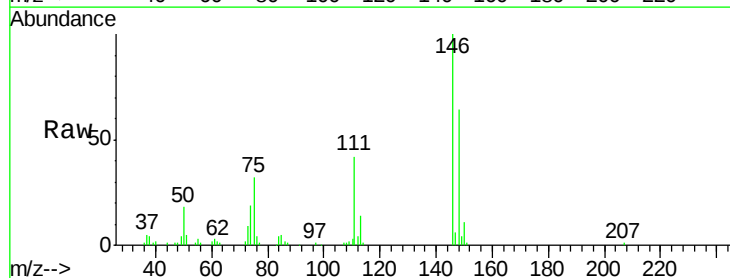
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

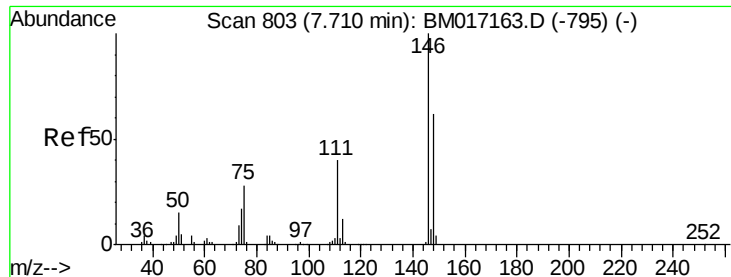
Tgt Ion	Ratio	Lower	Upper
93	100		
63	78.2	54.0	94.0
95	33.2	11.8	51.8



#12
1,3-Dichlorobenzene
Concen: 6.630 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.2	75.4
75	32.4	23.3	34.9

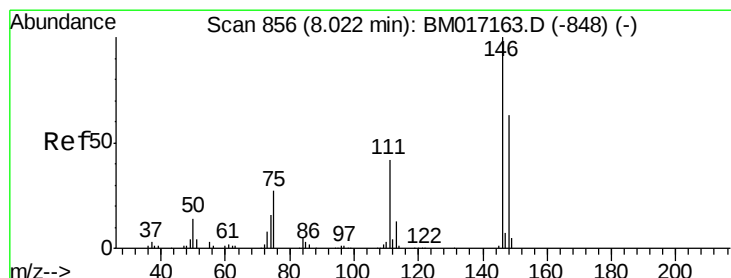
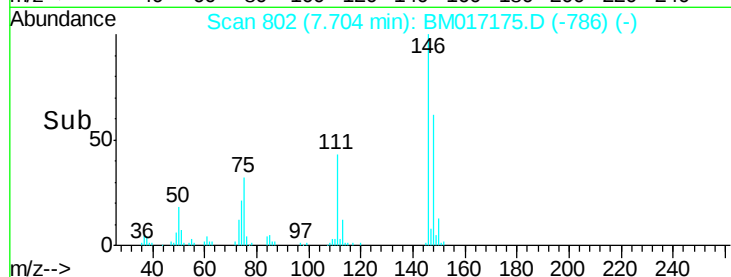
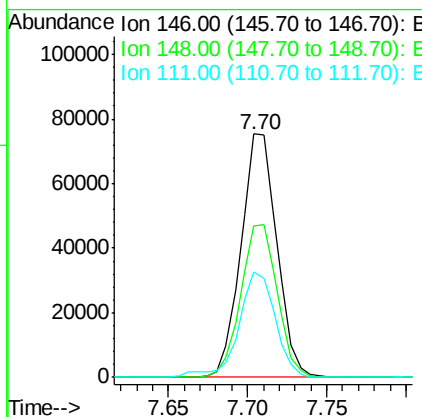
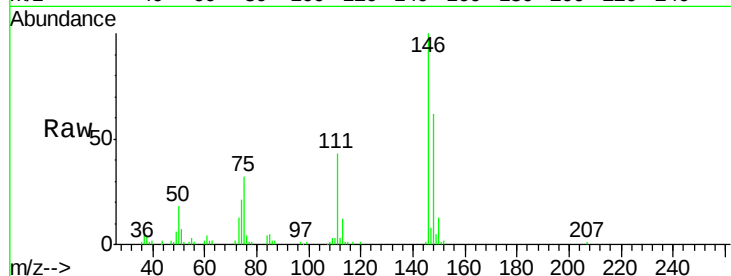




#13
 1,4-Dichlorobenzene
 Concen: 6.549 ng
 RT: 7.70 min Scan# 802
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

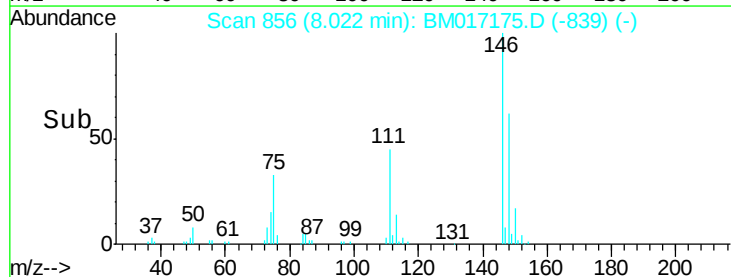
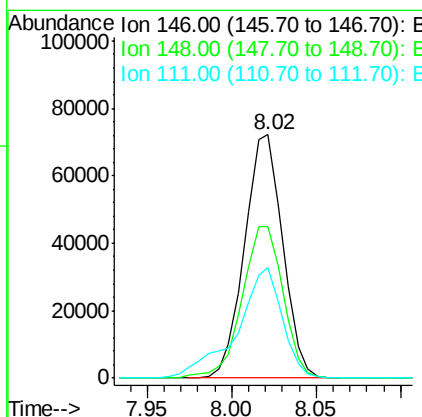
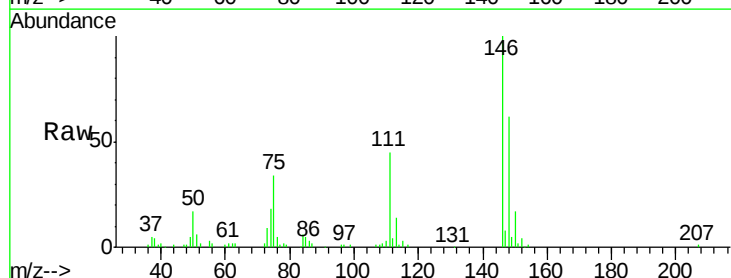
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

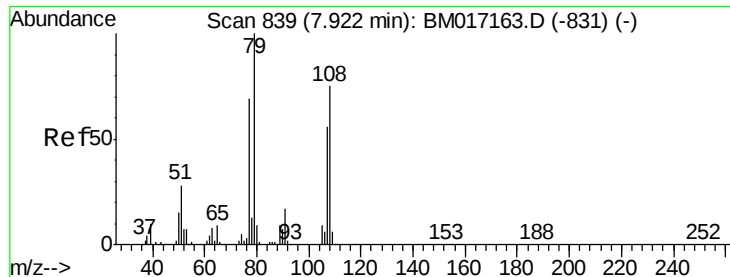
Tgt Ion:146 Resp: 118289
 Ion Ratio Lower Upper
 146 100
 148 62.3 49.8 74.6
 111 43.4 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 6.538 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion:146 Resp: 113784
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.8 76.2
 111 45.3 33.8 50.6





#15

Benzyl Alcohol

Concen: 6.543 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

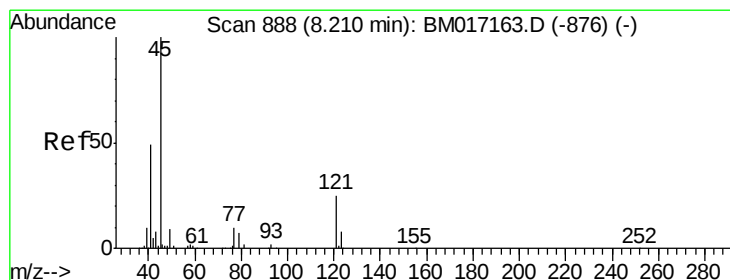
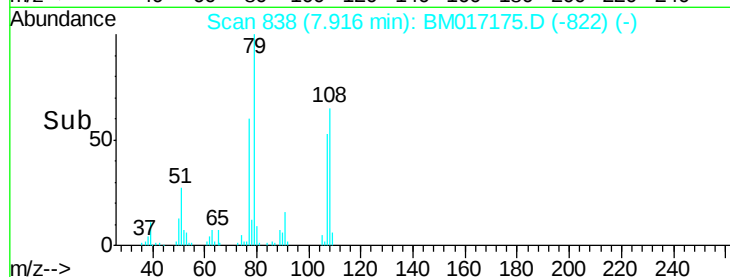
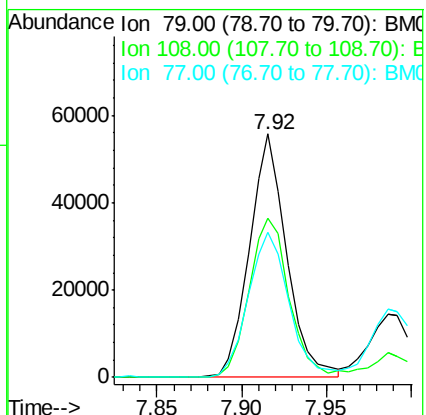
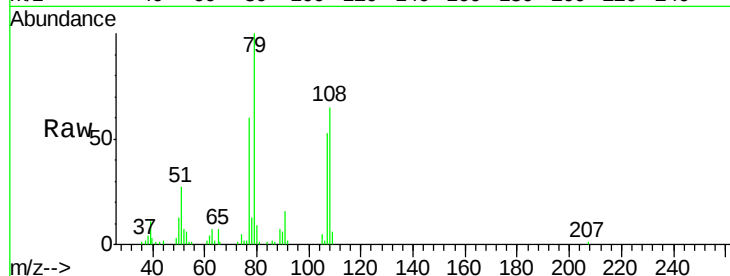
Tgt Ion: 79 Resp: 85386

Ion Ratio Lower Upper

79 100

108 65.1 60.3 90.5

77 59.5 54.8 82.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 6.194 ng

RT: 8.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

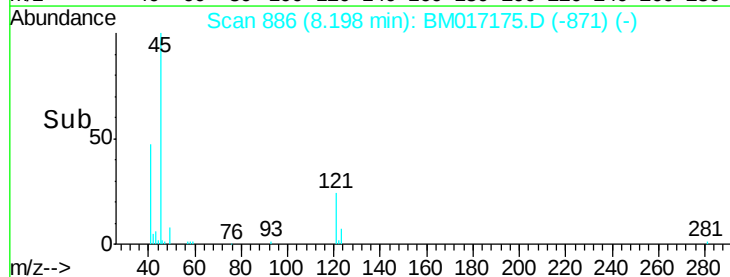
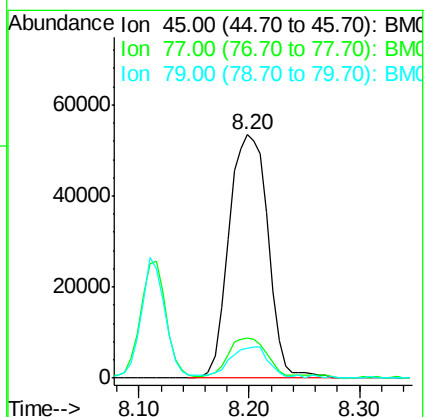
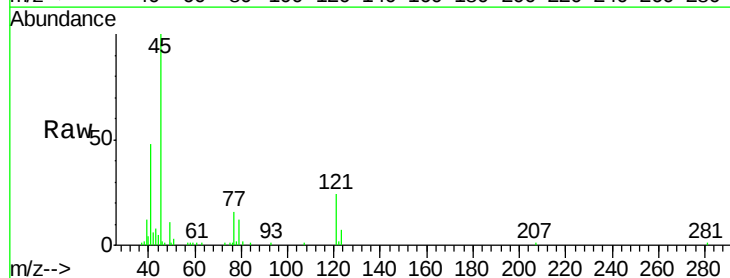
Tgt Ion: 45 Resp: 132558

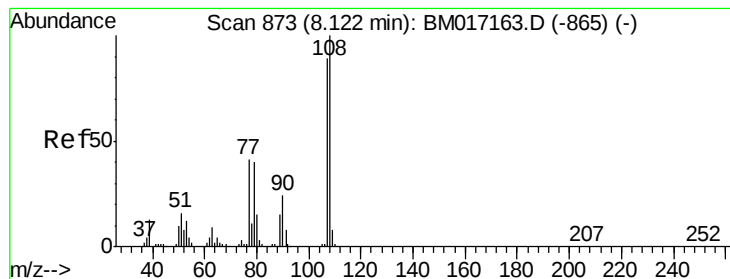
Ion Ratio Lower Upper

45 100

77 16.3 0.0 35.5

79 12.0 0.0 32.1





#17

2-Methylphenol

Concen: 6.708 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:107 Resp: 82731

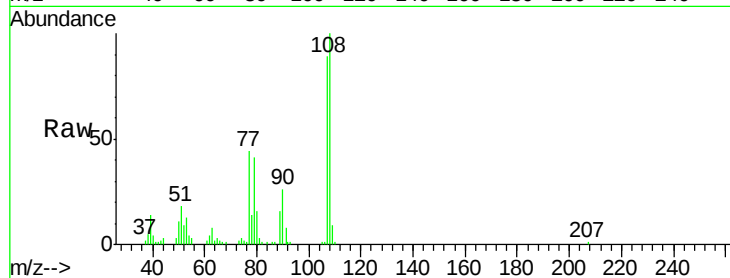
Ion Ratio Lower Upper

107 100

108 112.1 90.3 135.5

77 49.6 37.0 55.4

79 46.0 35.8 53.6

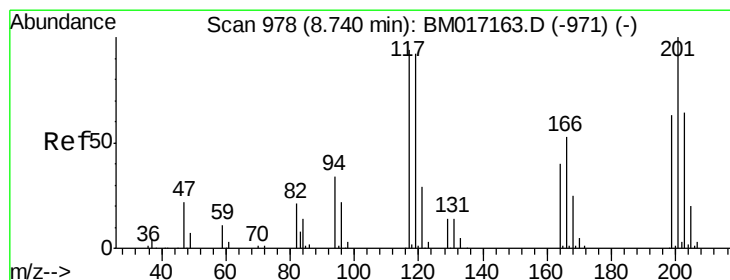
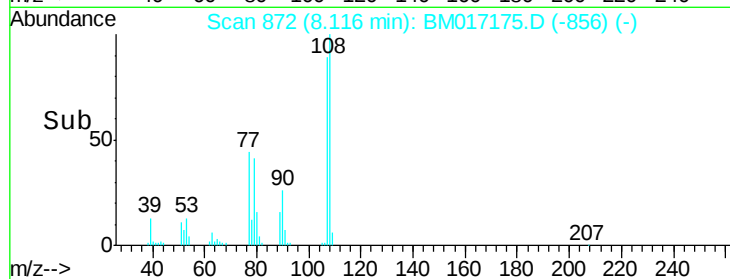
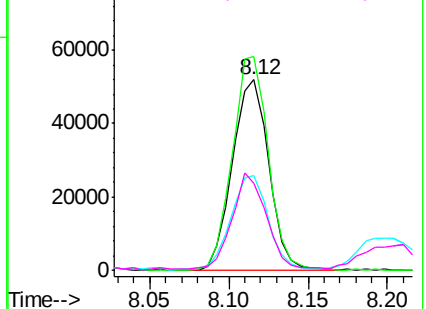


Abundance Ion 107.00 (106.70 to 107.70): E

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: 6.564 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

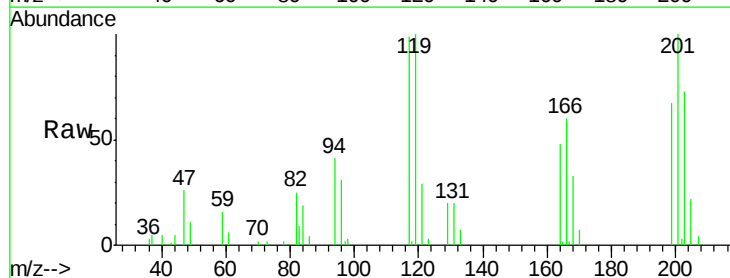
Tgt Ion:117 Resp: 40575

Ion Ratio Lower Upper

117 100

119 100.9 78.2 117.2

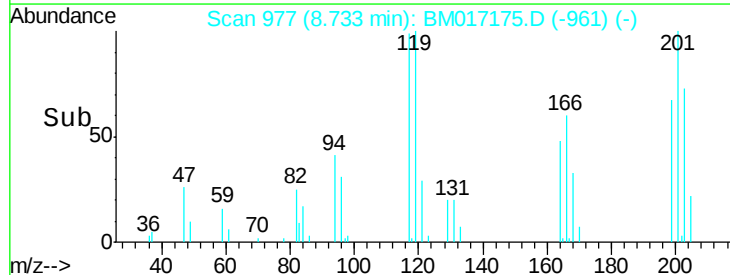
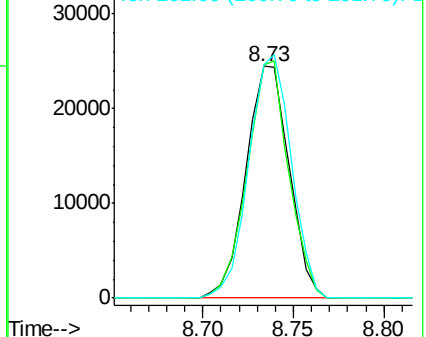
201 101.0 85.3 127.9

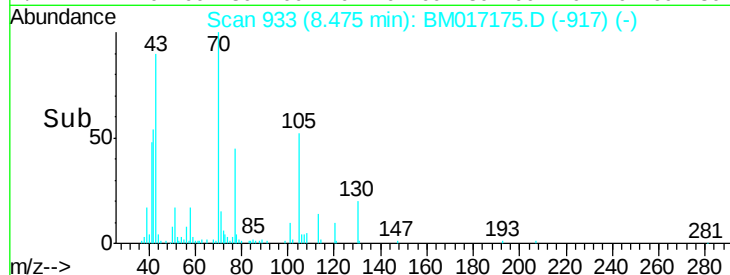
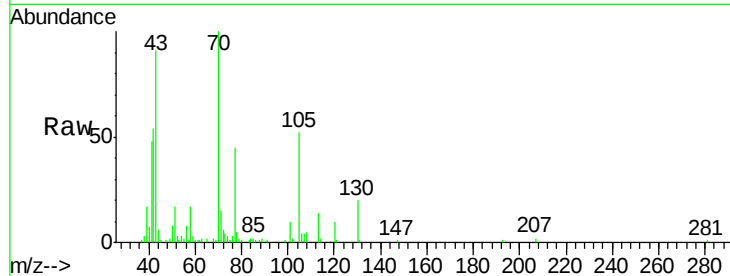
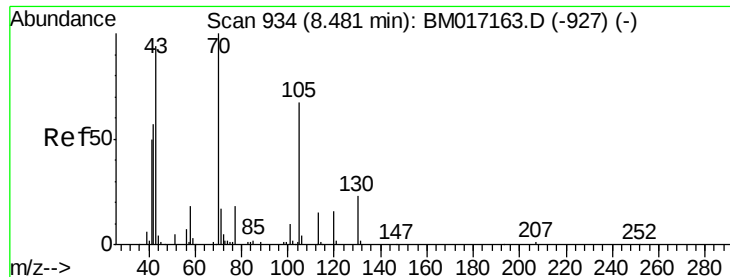


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

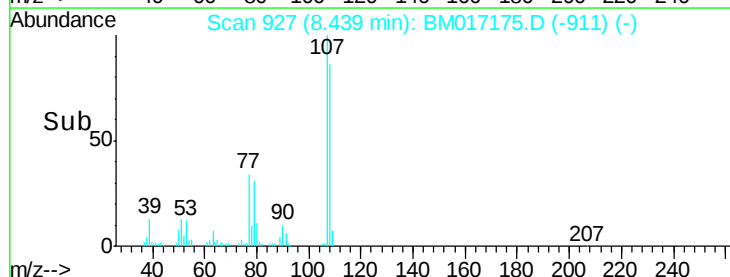
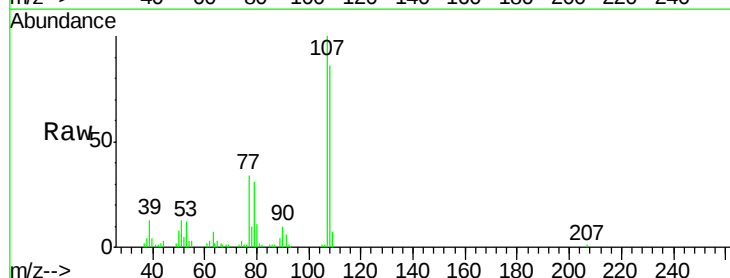
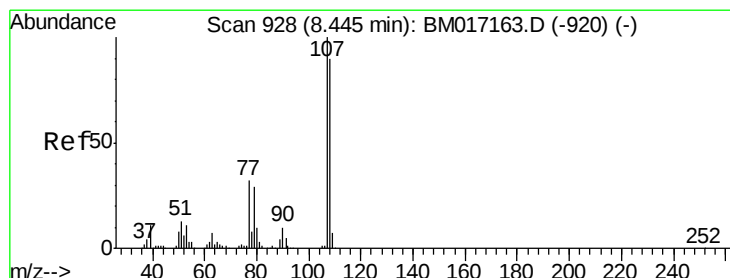
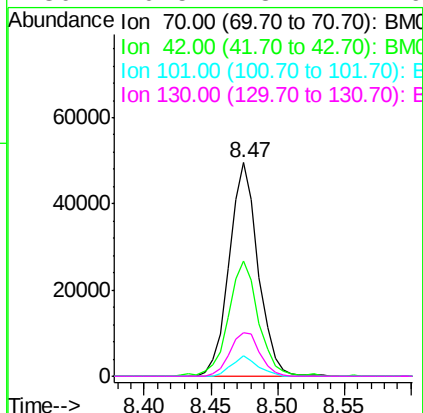




#19
n-Nitroso-di-n-propylamine
Concen: 6.388 ng
RT: 8.47 min Scan# 933
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

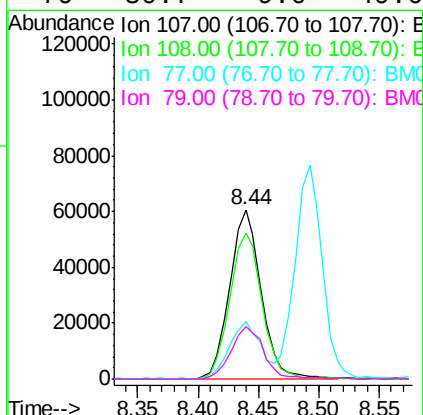
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

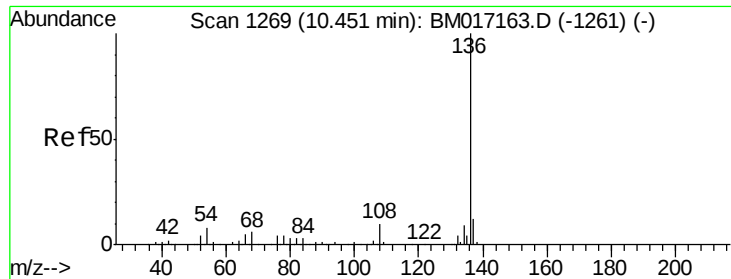
Tgt Ion:	70	Resp:	75096
Ion	Ratio	Lower	Upper
70	100		
42	54.0	46.1	69.1
101	9.6	8.2	12.4
130	20.5	18.4	27.6



#20
3+4-Methylphenols
Concen: 6.536 ng
RT: 8.44 min Scan# 927
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:	107	Resp:	110258
Ion	Ratio	Lower	Upper
107	100		
108	86.3	69.9	109.9
77	33.6	12.2	52.2
79	30.7	9.0	49.0

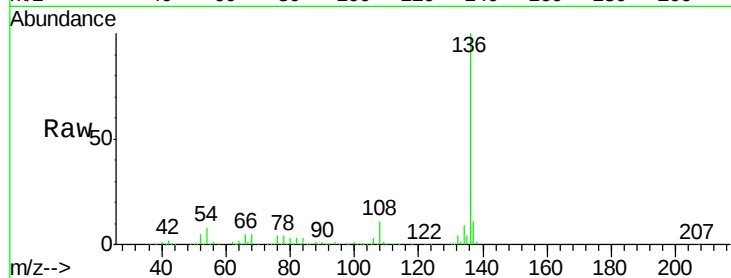




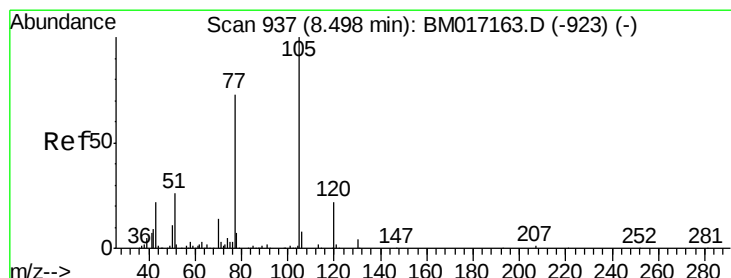
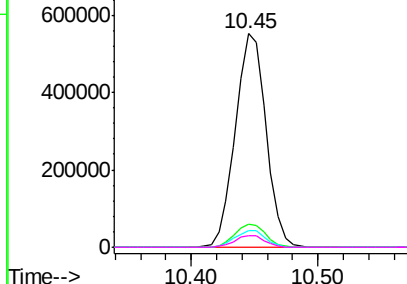
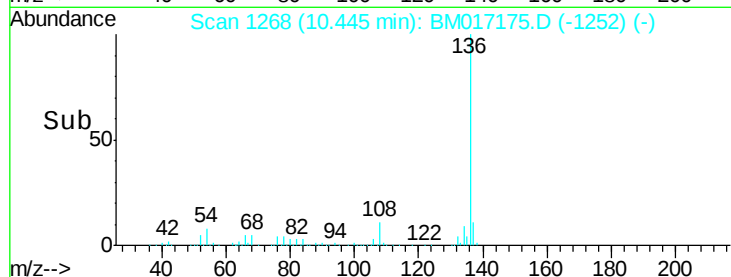
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	136	Resp:	923883
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.7	6.7	10.1
68	5.2	4.7	7.1

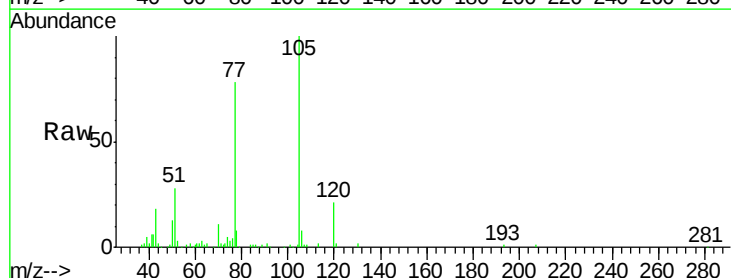


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

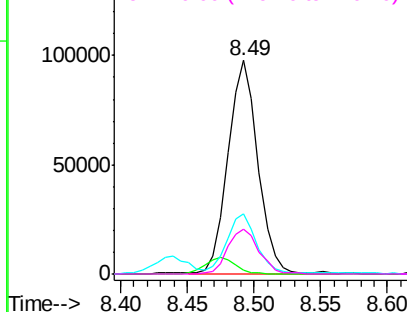
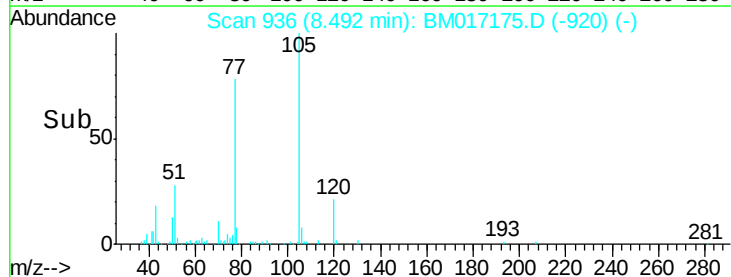


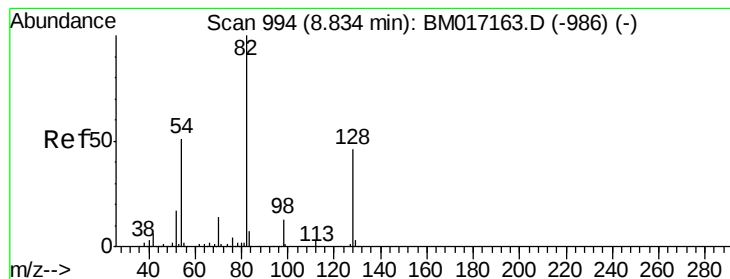
#22
Acetophenone
Concen: 6.576 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:	105	Resp:	153994
Ion	Ratio	Lower	Upper
105	100		
71	1.8	2.0	3.0#
51	28.5	20.6	31.0
120	20.8	17.5	26.3



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





#23

Nitrobenzene-d5

Concen: 77.051 ng

RT: 8.82 min Scan# 992

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

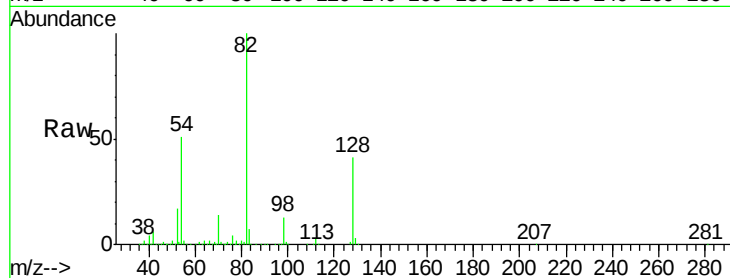
Tgt Ion: 82 Resp: 1217163

Ion Ratio Lower Upper

82 100

128 41.2 37.0 55.6

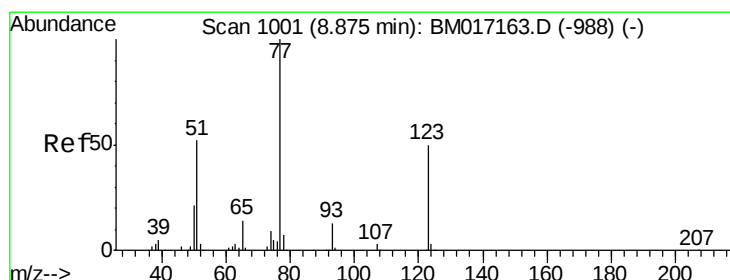
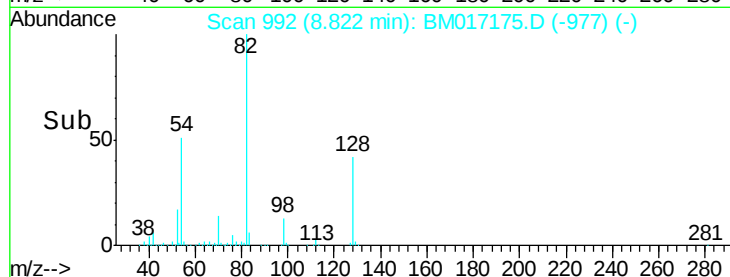
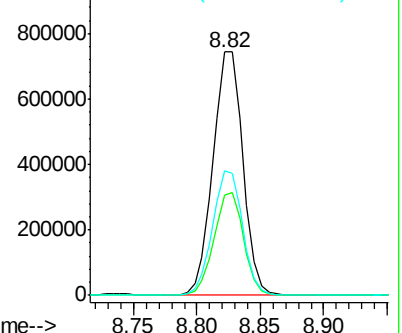
54 50.9 40.7 61.1



Abundance Ion 82.00 (81.70 to 82.70): BM017163.D (-986) (-)

Ion 128.00 (127.70 to 128.70): BM017163.D (-986) (-)

Ion 54.00 (53.70 to 54.70): BM017163.D (-986) (-)



#24

Nitrobenzene

Concen: 7.353 ng

RT: 8.87 min Scan# 1000

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

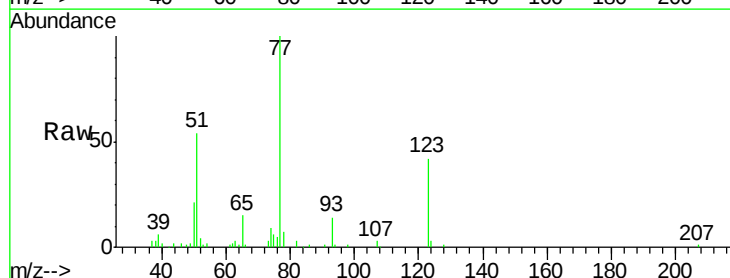
Tgt Ion: 77 Resp: 122857

Ion Ratio Lower Upper

77 100

123 42.1 40.2 60.4

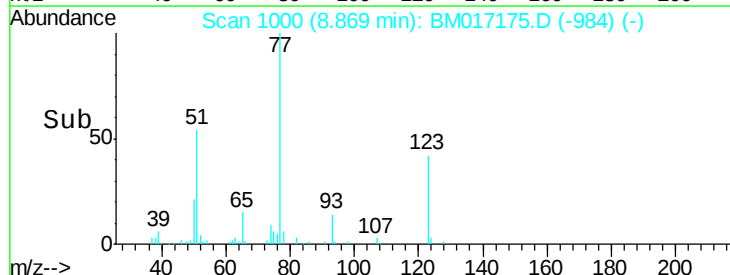
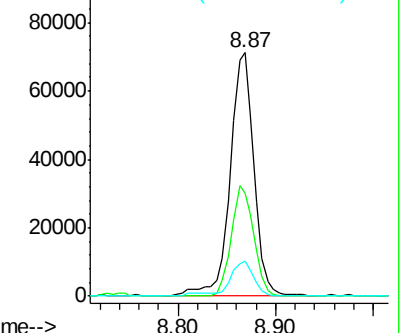
65 14.6 11.4 17.0

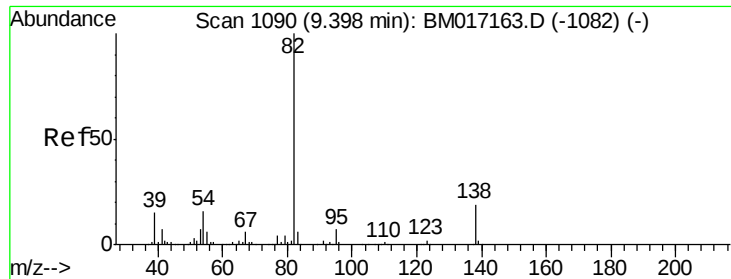


Abundance Ion 77.00 (76.70 to 77.70): BM017163.D (-988) (-)

Ion 123.00 (122.70 to 123.70): BM017163.D (-988) (-)

Ion 65.00 (64.70 to 65.70): BM017163.D (-988) (-)

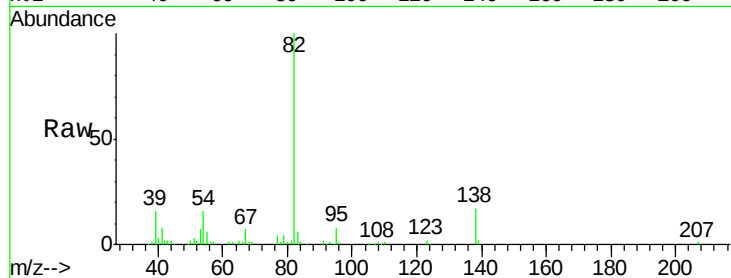




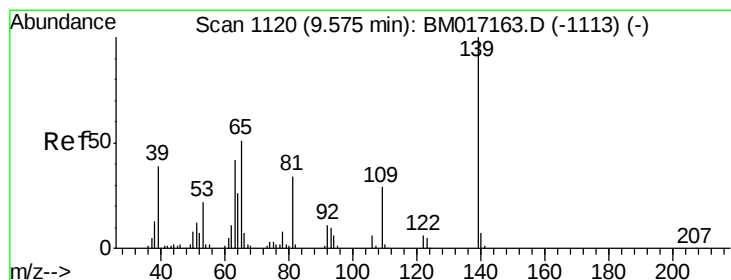
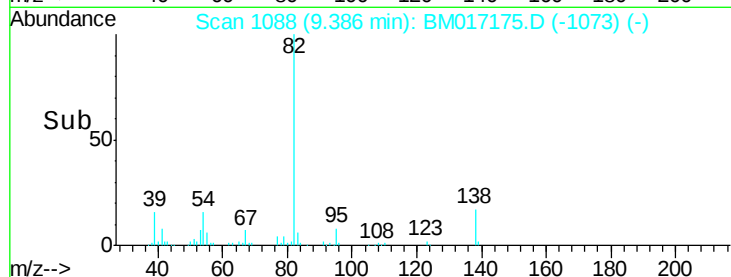
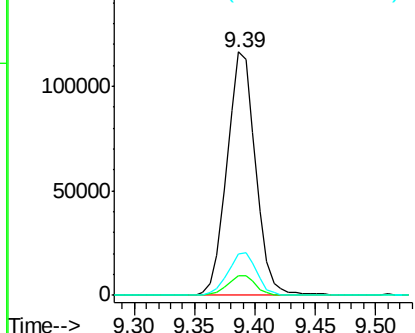
#25
Isophorone
Concen: 7.358 ng
RT: 9.39 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 82 Resp: 191944
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 16.8 15.4 23.2

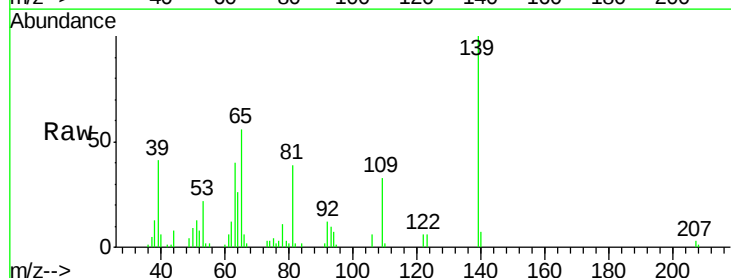


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

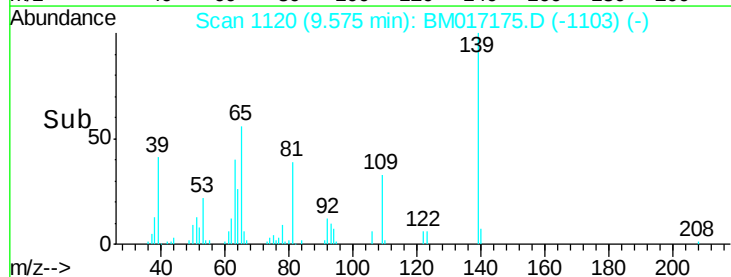
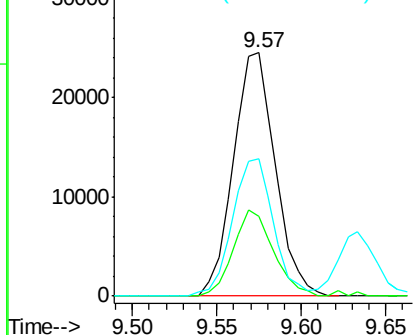


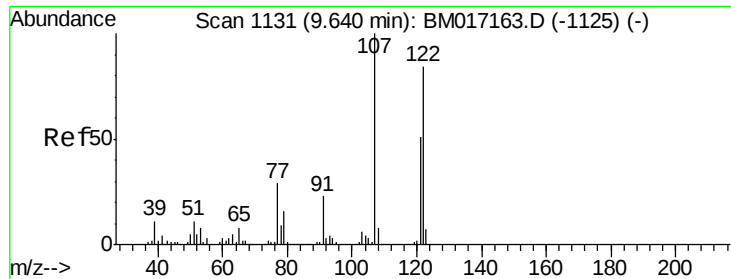
#26
2-Nitrophenol
Concen: 10.468 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion: 139 Resp: 42285
Ion Ratio Lower Upper
139 100
109 33.0 23.2 34.8
65 56.4 40.6 61.0



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM0

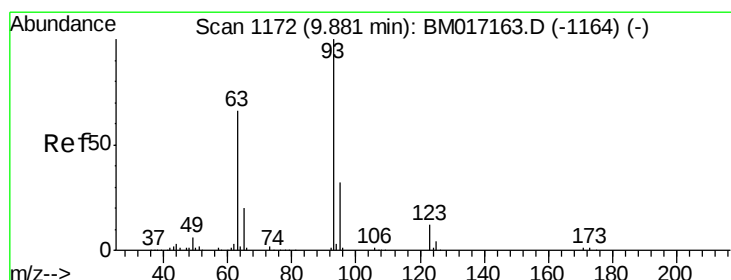
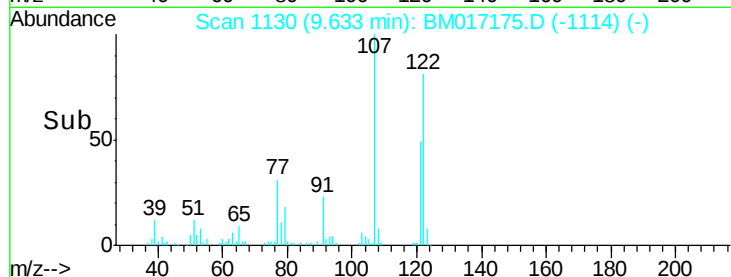
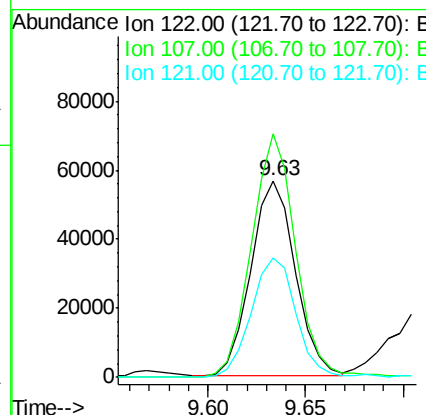
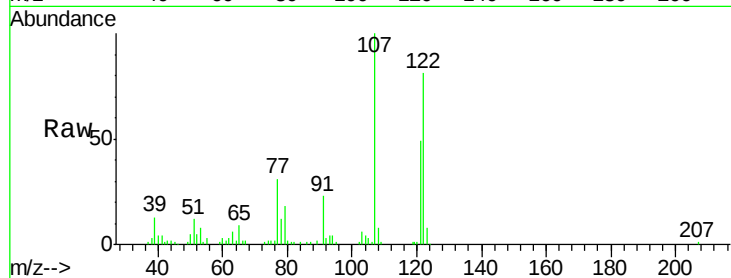




#27
 2,4-Dimethylphenol
 Concen: 7.754 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

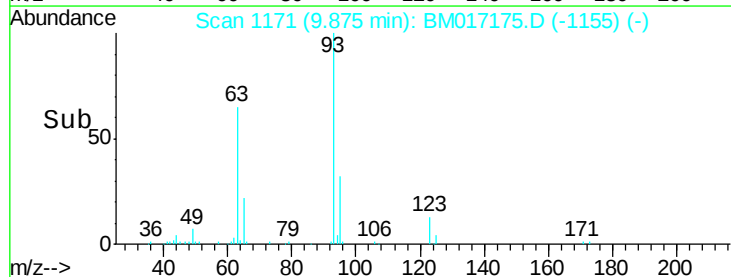
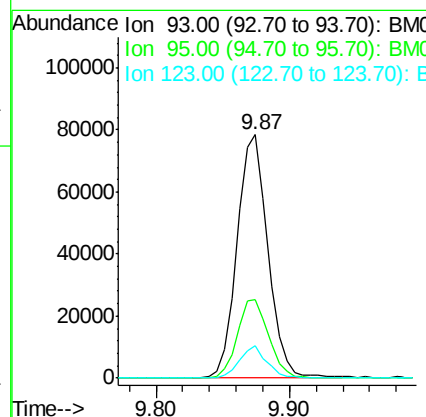
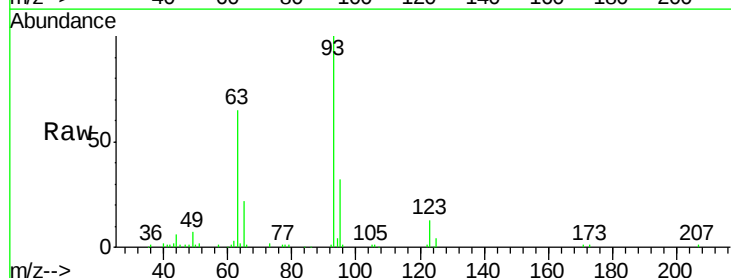
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

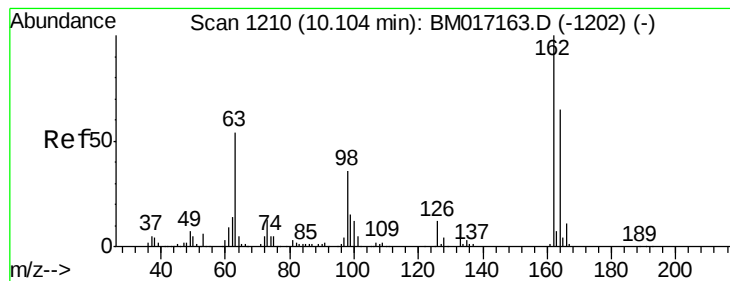
Tgt Ion: 122 Resp: 89442
 Ion Ratio Lower Upper
 122 100
 107 123.8 95.0 142.6
 121 60.8 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 6.888 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion: 93 Resp: 126458
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.7 38.5
 123 13.2 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 6.661 ng

RT: 10.10 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

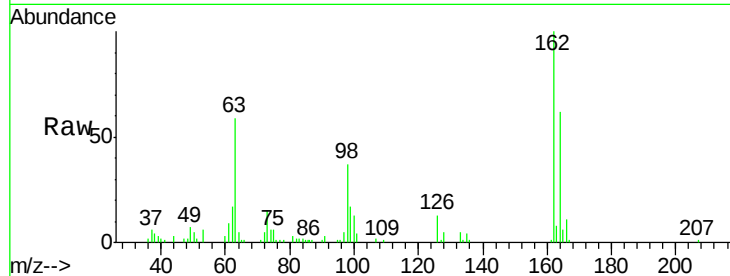
Tgt Ion:162 Resp: 89200

Ion Ratio Lower Upper

162 100

164 61.7 44.9 84.9

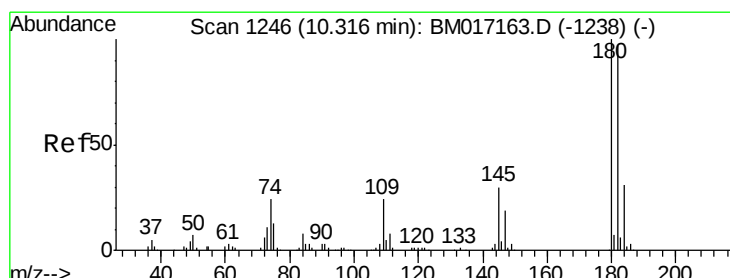
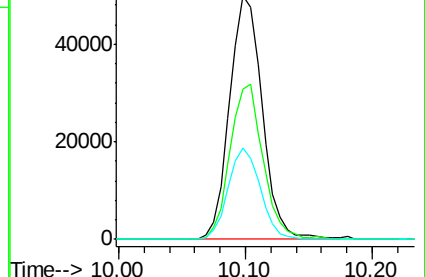
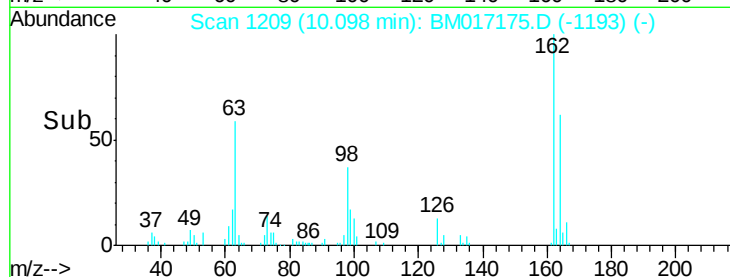
98 37.5 15.8 55.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 6.696 ng

RT: 10.31 min Scan# 1245

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

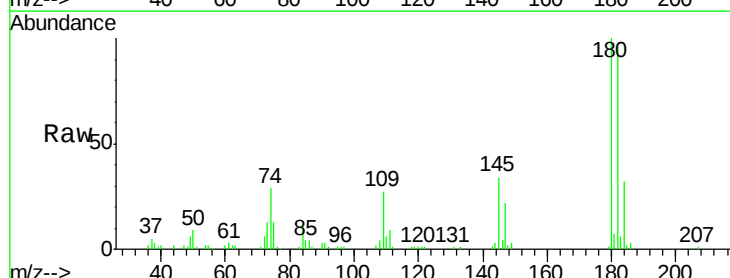
Tgt Ion:180 Resp: 107570

Ion Ratio Lower Upper

180 100

182 96.2 77.5 116.3

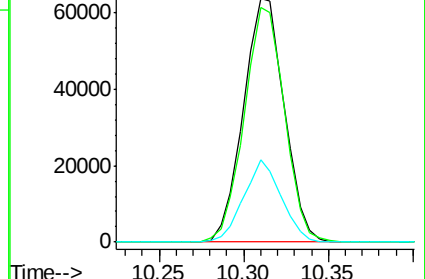
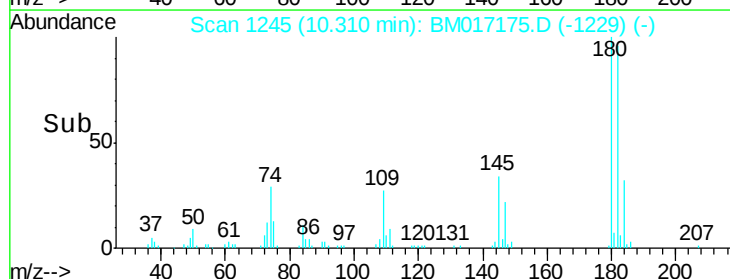
145 33.6 24.0 36.0

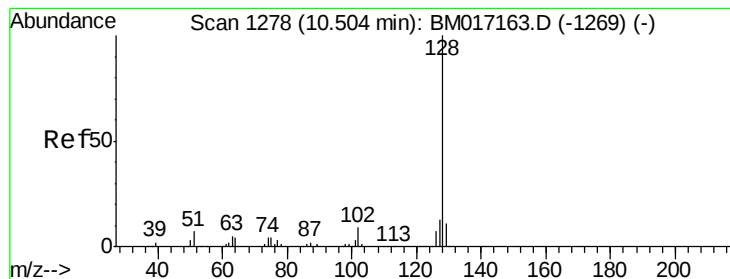


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 7.136 ng

RT: 10.50 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

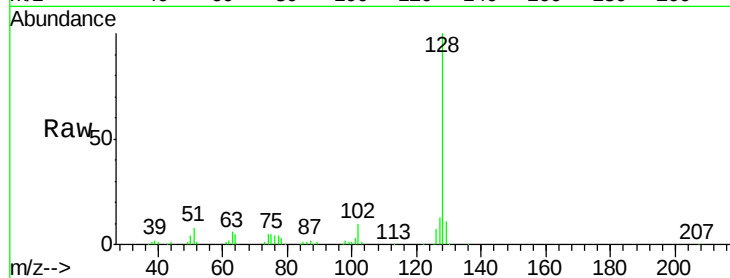
Tgt Ion:128 Resp: 323082

Ion Ratio Lower Upper

128 100

129 10.9 8.5 12.7

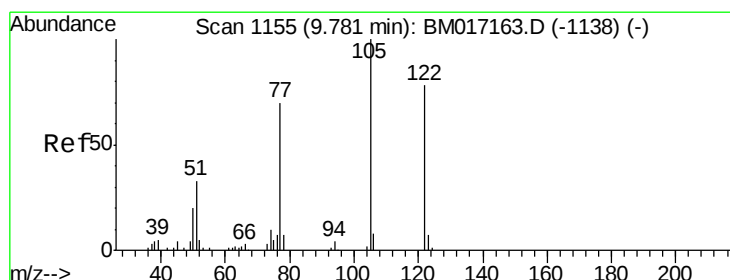
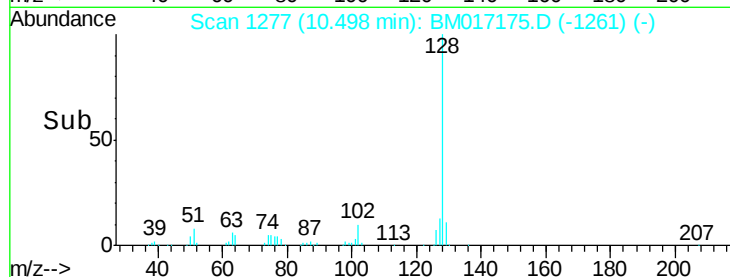
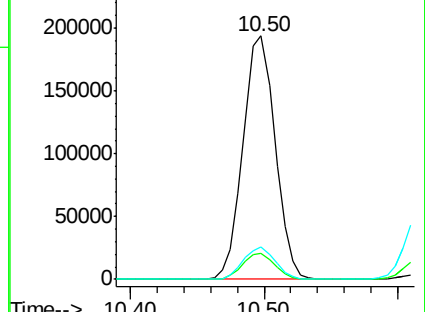
127 13.5 10.3 15.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.715 ng

RT: 9.71 min Scan# 1143

Delta R.T. -0.07 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

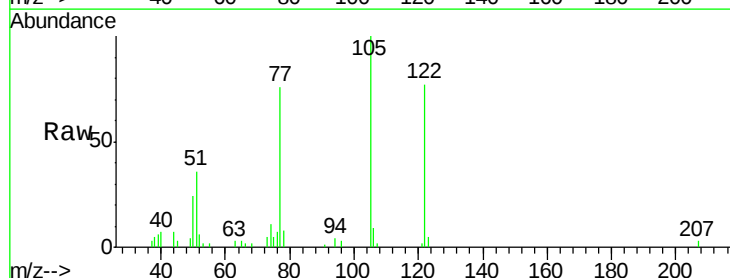
Tgt Ion:122 Resp: 31973

Ion Ratio Lower Upper

122 100

105 130.0 102.0 142.0

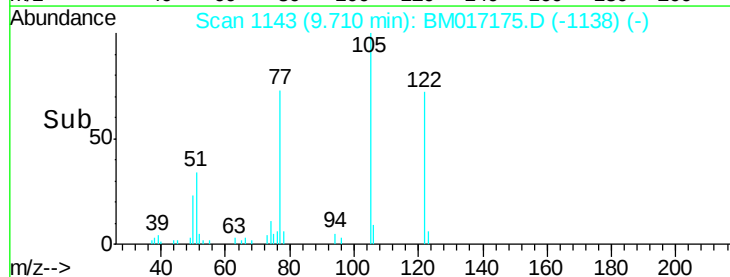
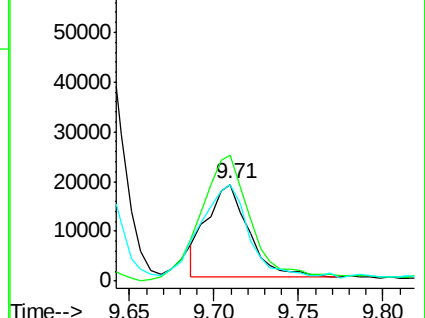
77 99.3 67.7 107.7

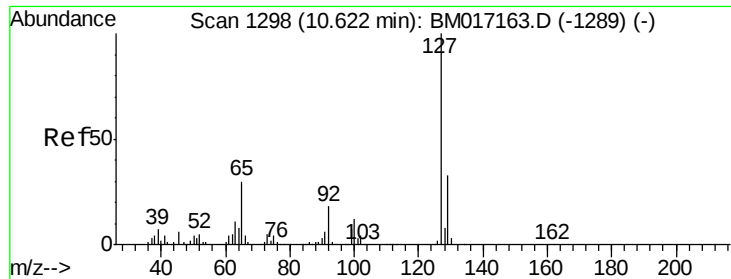


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

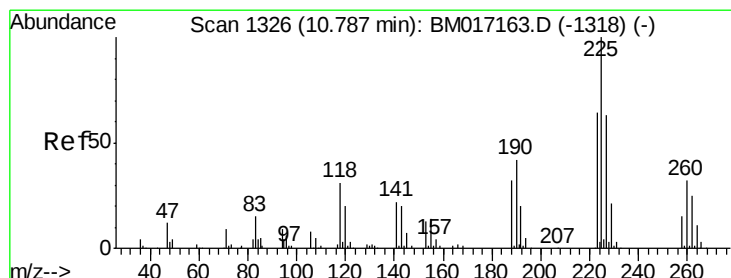
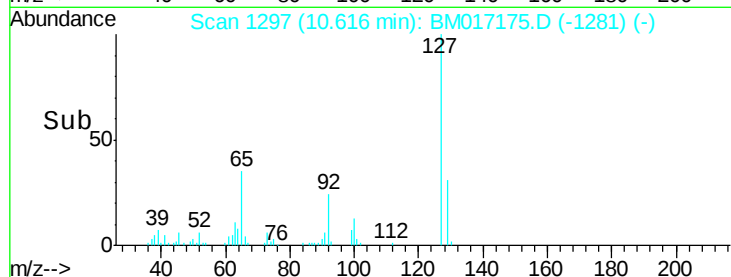
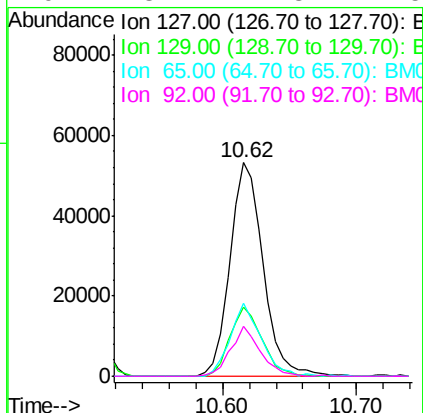
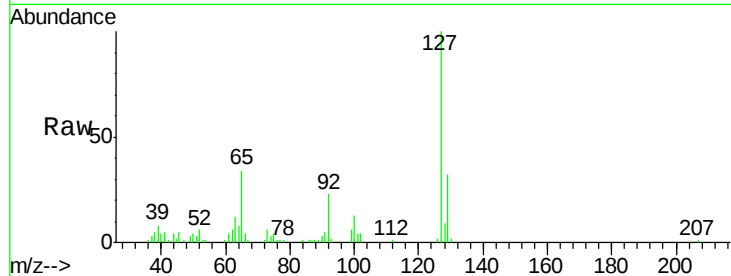




#33
4-Chloroaniline
Concen: 4.719 ng
RT: 10.62 min Scan# 1297
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

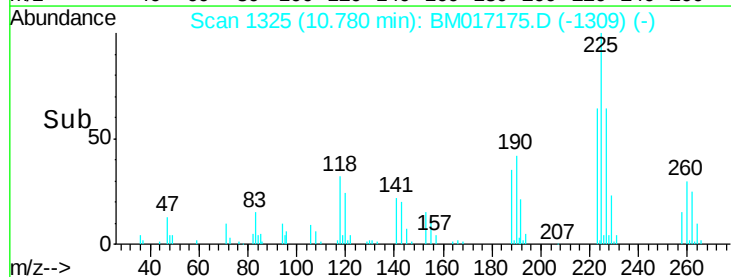
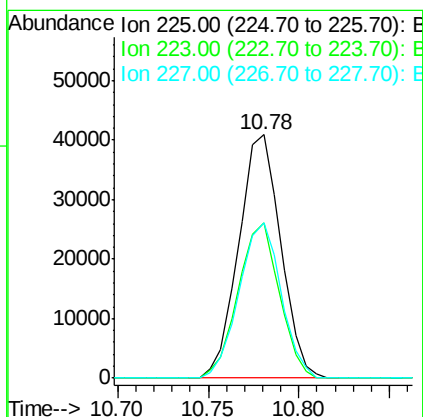
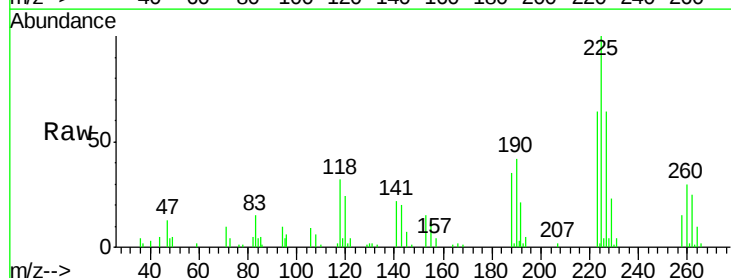
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

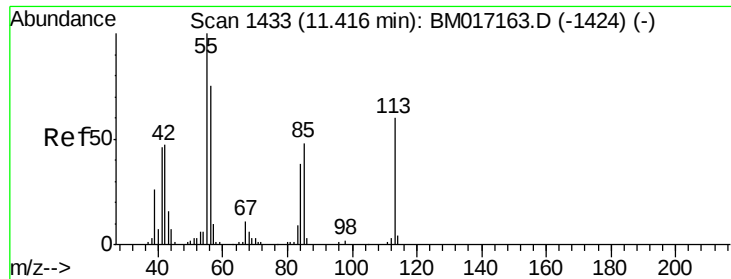
Tgt Ion:	127	Resp:	92281
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.4
65	34.1	23.7	35.5
92	23.2	14.3	21.5



#34
Hexachlorobutadiene
Concen: 6.488 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:	225	Resp:	66039
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.6
227	64.0	50.8	76.2

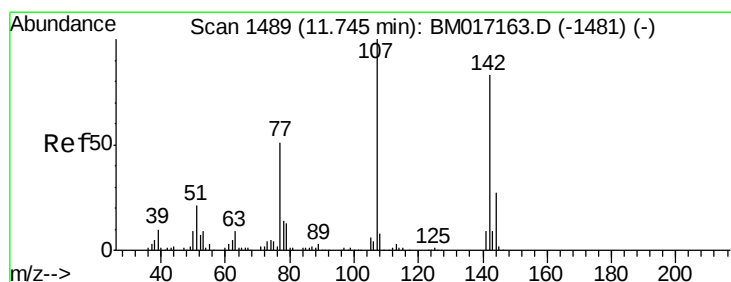
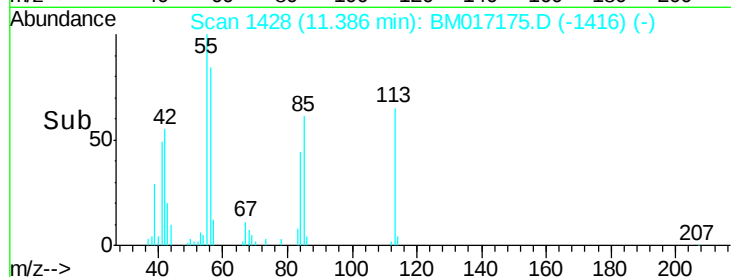
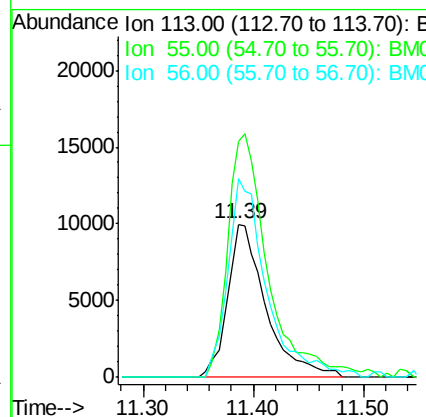
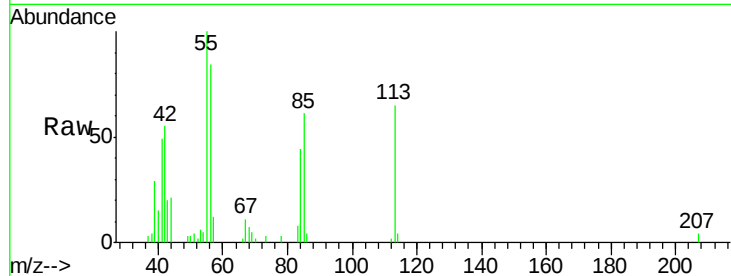




#35
 Caprolactam
 Concen: 4.962 ng
 RT: 11.39 min Scan# 1428
 Delta R.T. -0.03 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

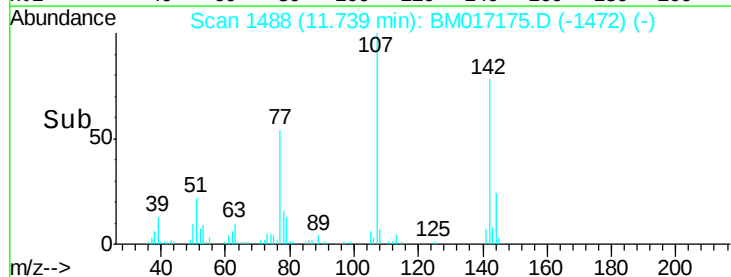
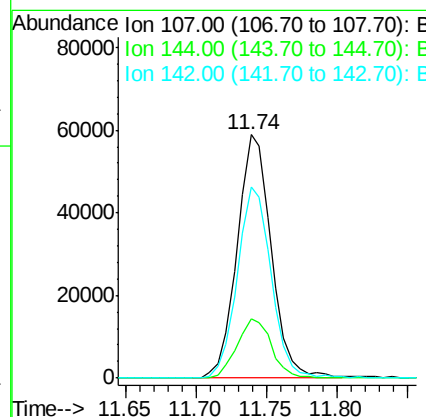
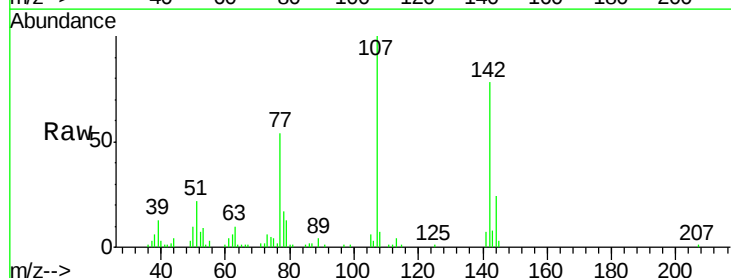
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

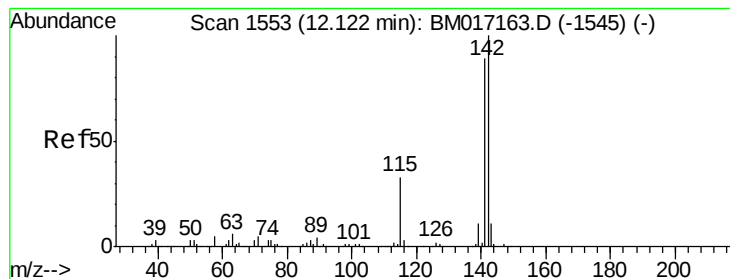
Tgt Ion:113 Resp: 24217
 Ion Ratio Lower Upper
 113 100
 55 154.5 147.0 187.0
 56 129.7 104.5 144.5



#36
 4-Chloro-3-methylphenol
 Concen: 6.578 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion:107 Resp: 99300
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.6 32.4
 142 78.5 66.0 99.0





#37

2-Methylnaphthalene

Concen: 7.623 ng

RT: 12.12 min Scan# 1552

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

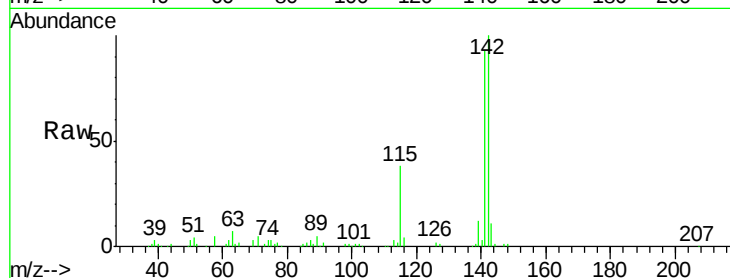
Tgt Ion:142 Resp: 236193

Ion Ratio Lower Upper

142 100

141 93.2 70.9 106.3

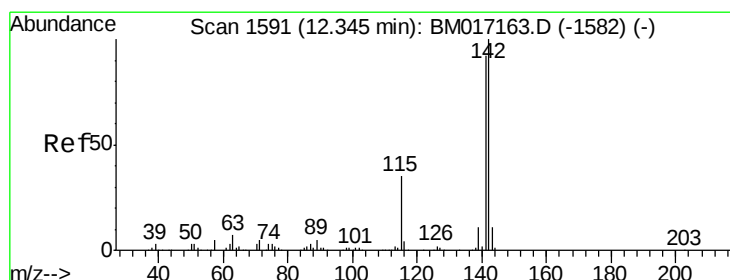
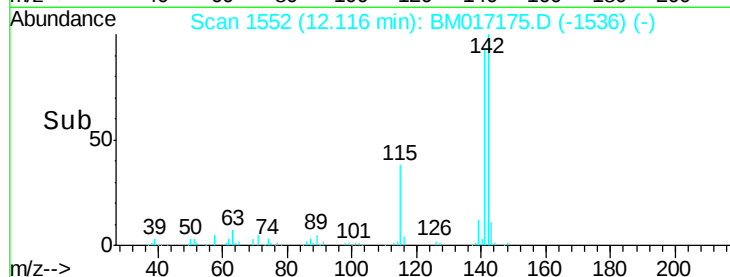
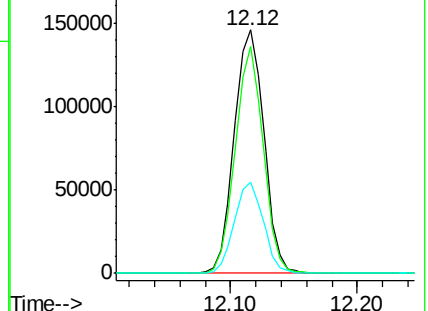
115 37.6 26.4 39.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 7.381 ng

RT: 12.34 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

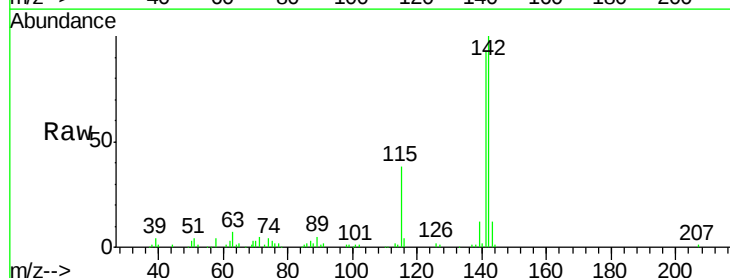
Tgt Ion:142 Resp: 222572

Ion Ratio Lower Upper

142 100

141 93.3 73.8 110.6

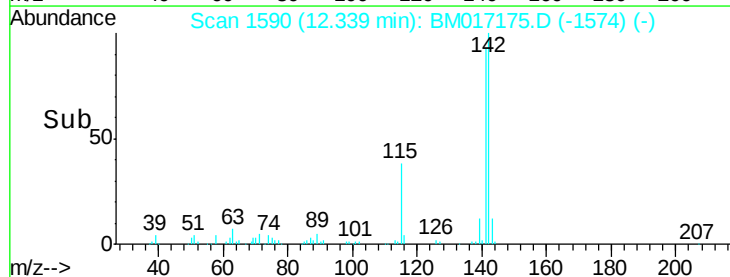
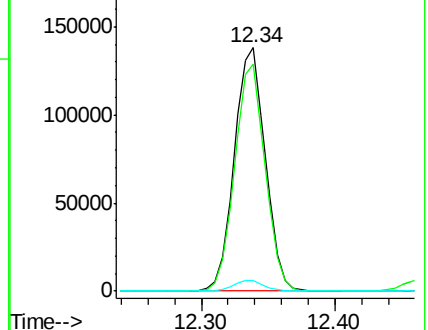
116 4.2 2.9 4.3

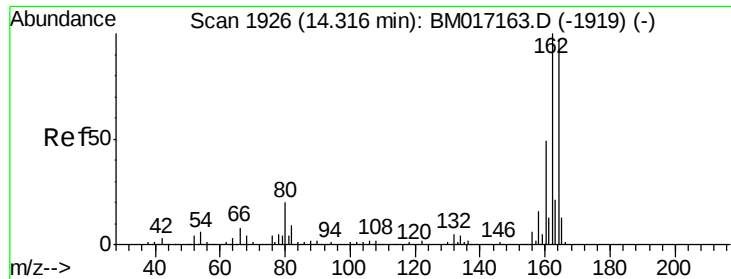


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

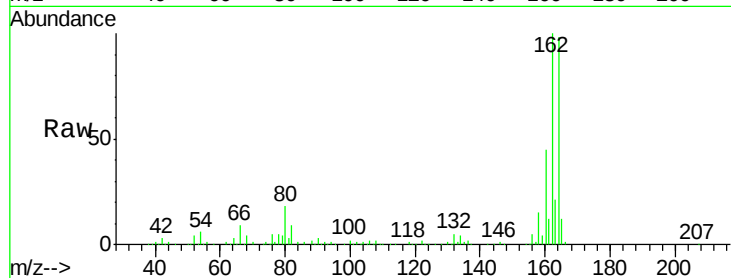
Tgt Ion:164 Resp: 544136

Ion Ratio Lower Upper

164 100

162 101.8 82.1 123.1

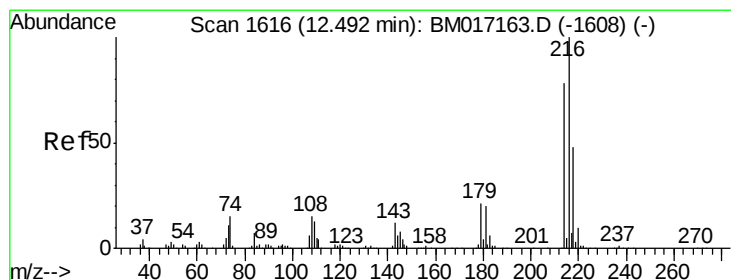
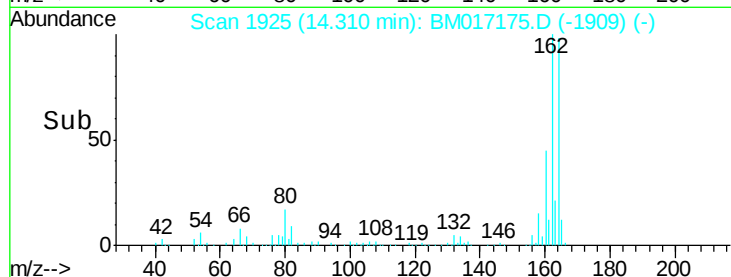
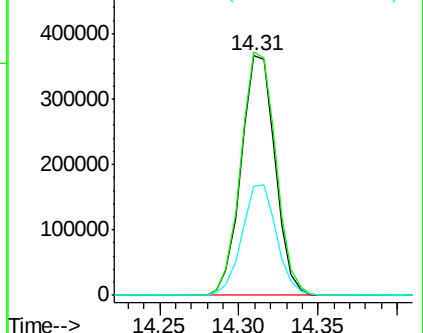
160 45.9 40.2 60.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 6.305 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Tgt Ion:216 Resp: 120824

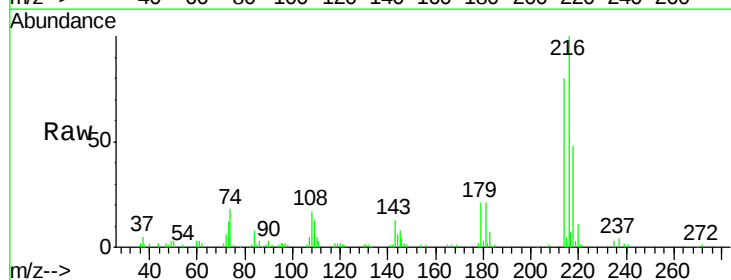
Ion Ratio Lower Upper

216 100

214 78.9 62.6 93.8

179 20.7 16.6 24.8

108 18.6 13.5 20.3

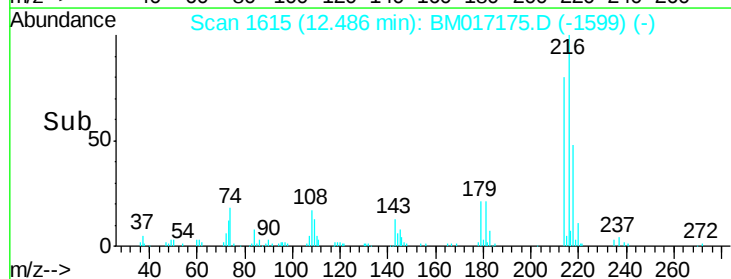
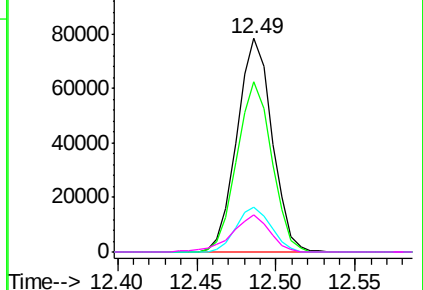


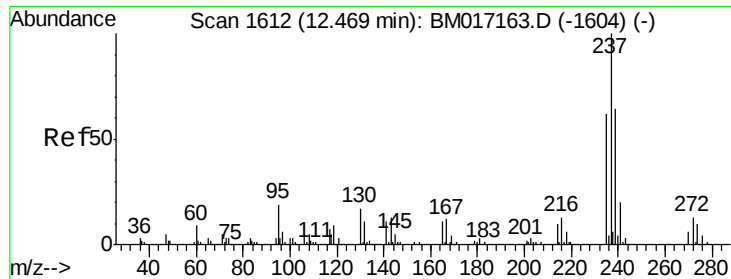
Abundance Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 7.989 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

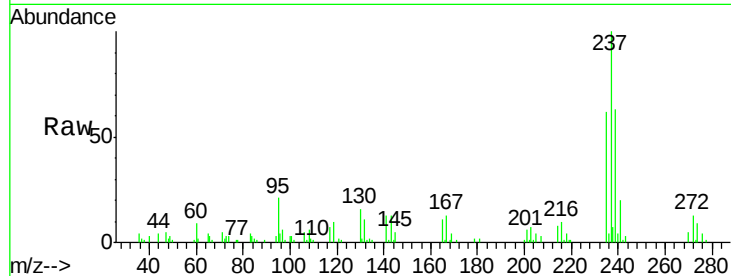
Tgt Ion:237 Resp: 74009

Ion Ratio Lower Upper

237 100

235 62.4 42.4 82.4

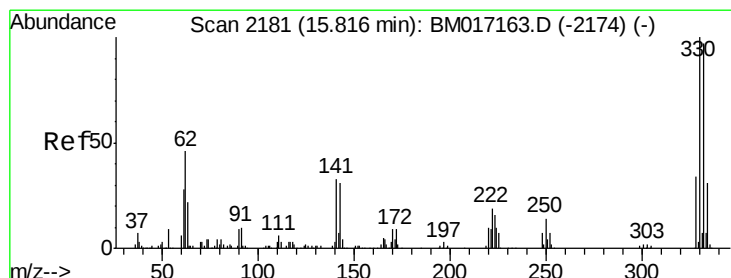
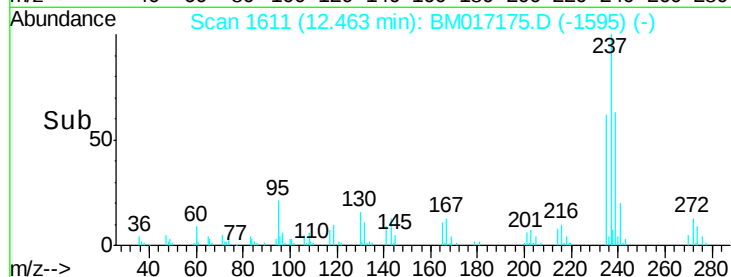
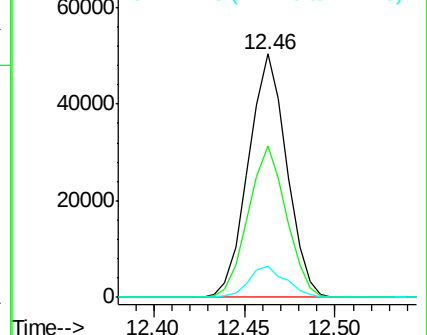
272 12.9 0.0 33.0



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



#42

2,4,6-Tribromophenol

Concen: 120.515 ng

RT: 15.81 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

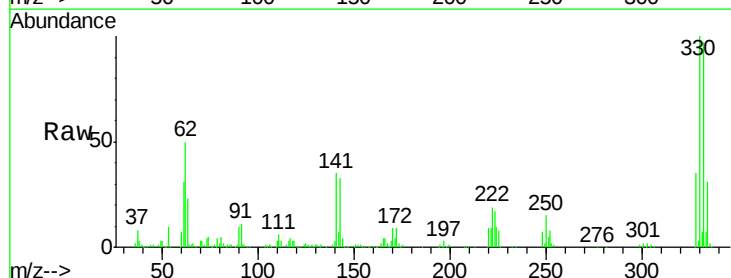
Tgt Ion:330 Resp: 886824

Ion Ratio Lower Upper

330 100

332 97.4 77.3 115.9

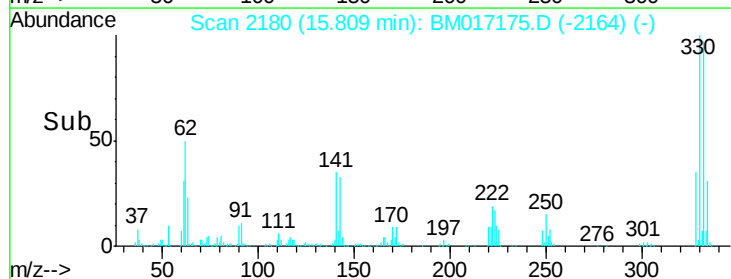
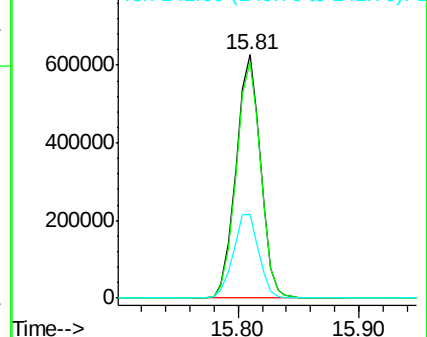
141 35.9 27.4 41.0

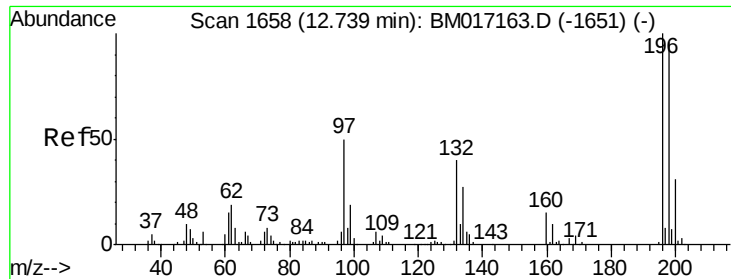


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

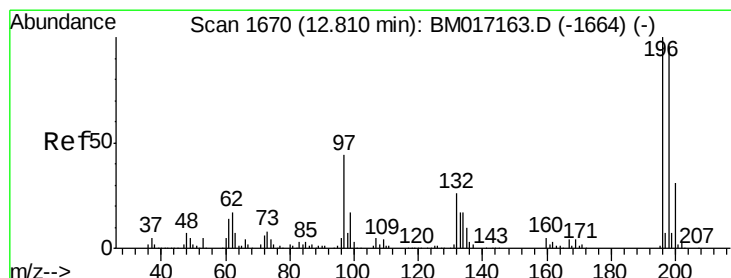
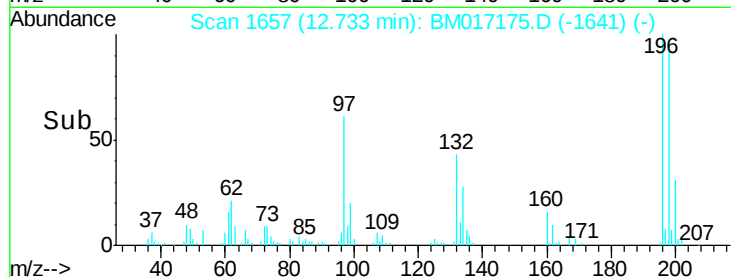
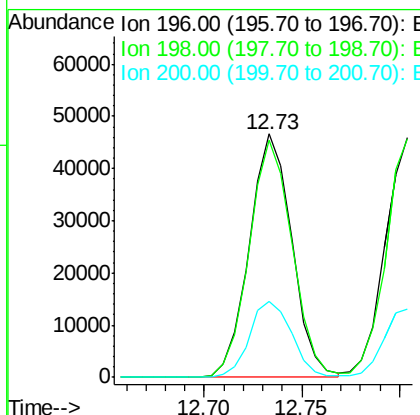
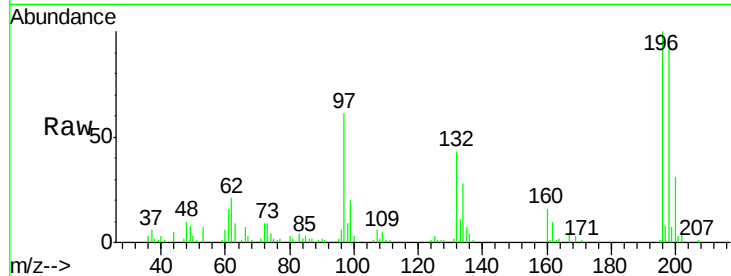




#43
 2,4,6-Trichlorophenol
 Concen: 6.337 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

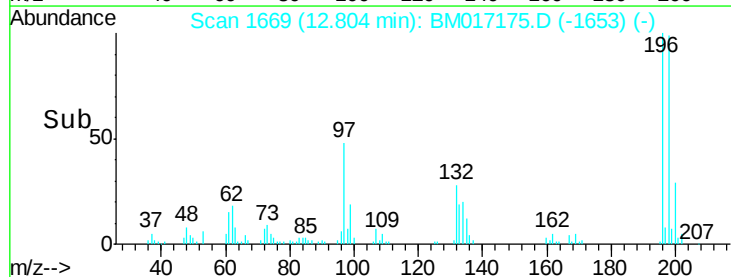
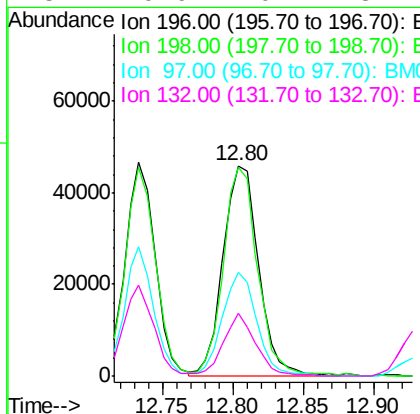
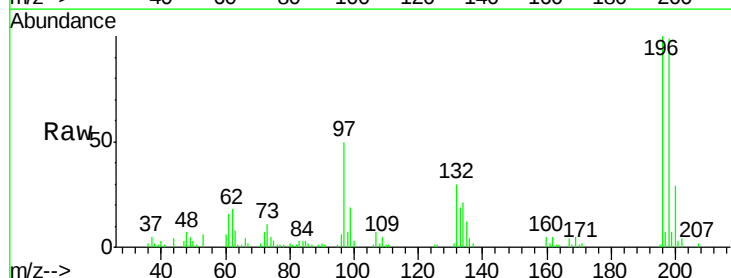
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

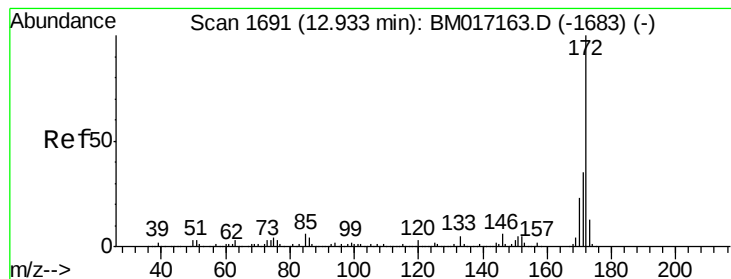
Tgt Ion:196 Resp: 70496
 Ion Ratio Lower Upper
 196 100
 198 97.5 77.1 115.7
 200 31.2 25.0 37.4



#44
 2,4,5-Trichlorophenol
 Concen: 6.775 ng
 RT: 12.80 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion:196 Resp: 80817
 Ion Ratio Lower Upper
 196 100
 198 99.3 76.6 115.0
 97 49.6 35.5 53.3
 132 29.9 20.7 31.1

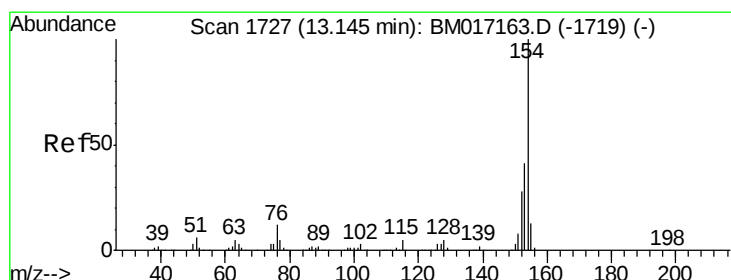
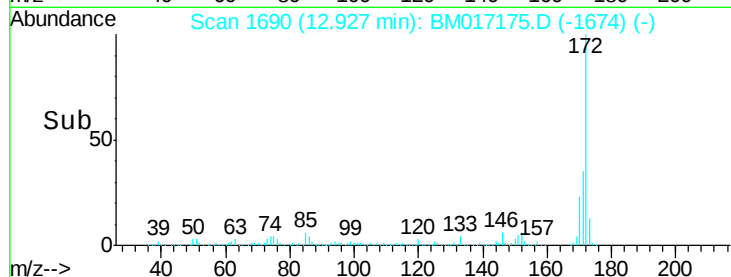
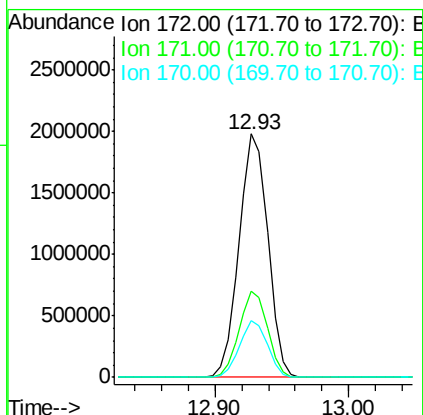
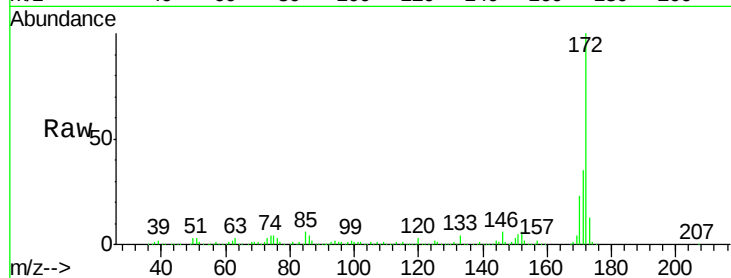




#45
2-Fluorobiphenyl
Concen: 72.013 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

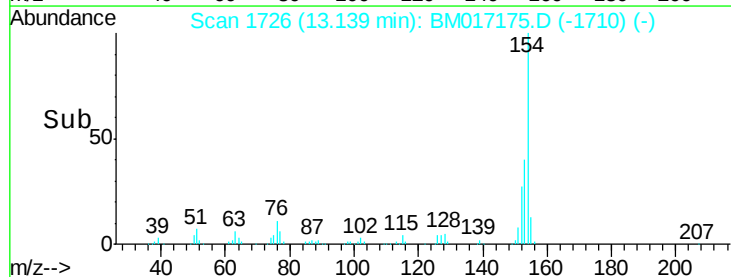
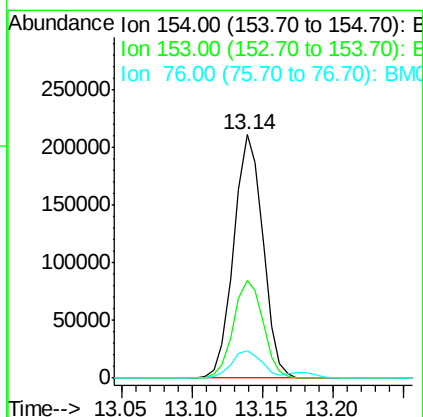
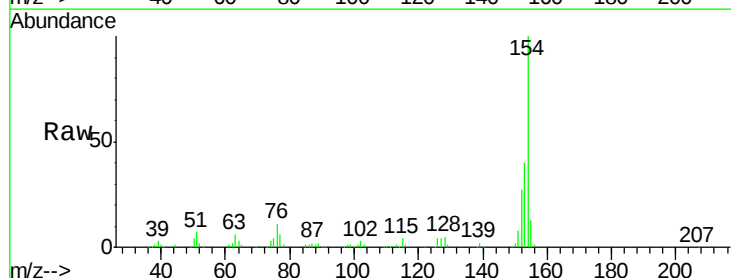
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

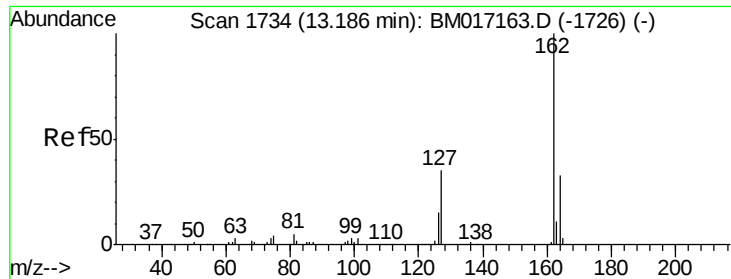
Tgt Ion:172 Resp: 2945036
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.3 27.5



#46
1,1'-Biphenyl
Concen: 6.227 ng
RT: 13.14 min Scan# 1726
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:154 Resp: 304939
Ion Ratio Lower Upper
154 100
153 40.2 20.5 60.5
76 11.4 0.0 31.8

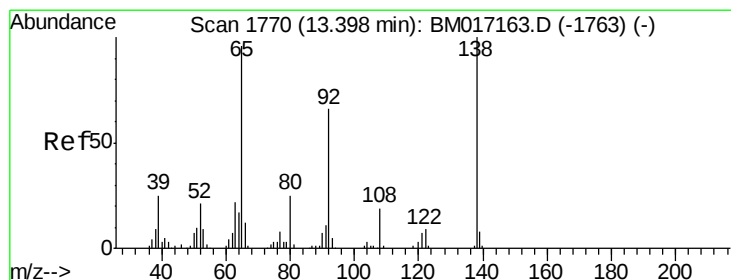
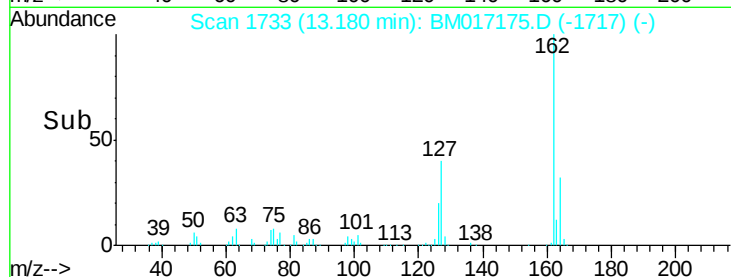
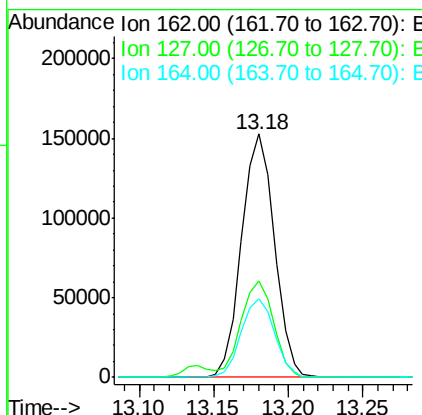
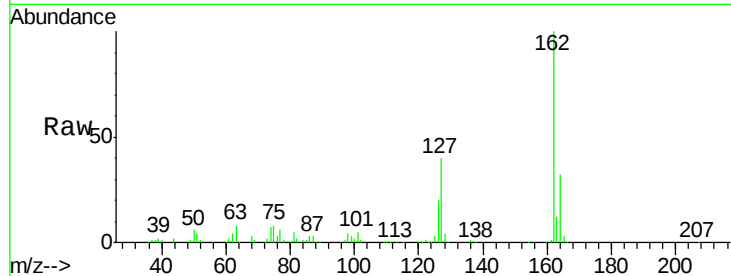




#47
2-Chloronaphthalene
Concen: 6.466 ng
RT: 13.18 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

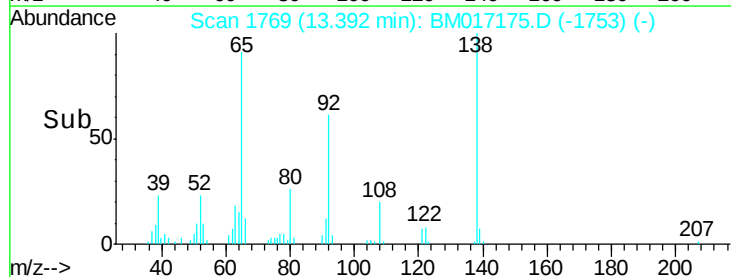
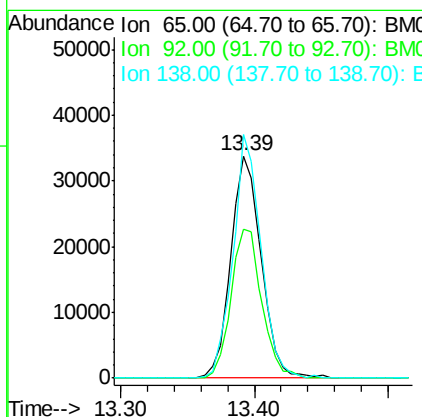
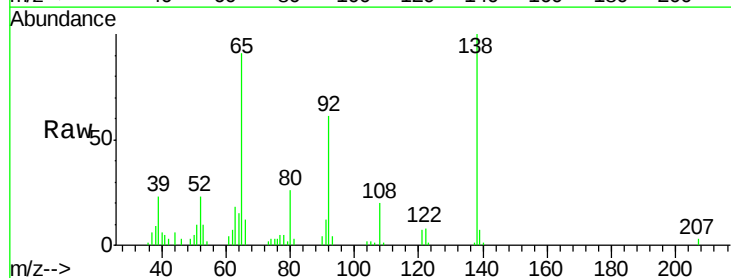
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

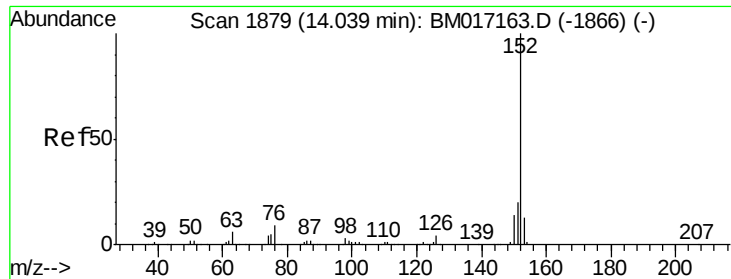
Tgt Ion: 162 Resp: 232943
Ion Ratio Lower Upper
162 100
127 39.6 31.0 46.4
164 32.2 26.6 39.8



#48
2-Nitroaniline
Concen: 10.342 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion: 65 Resp: 53740
Ion Ratio Lower Upper
65 100
92 67.2 54.9 82.3
138 109.5 83.7 125.5





#49

Acenaphthylene

Concen: 7.067 ng

RT: 14.03 min Scan# 1878

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

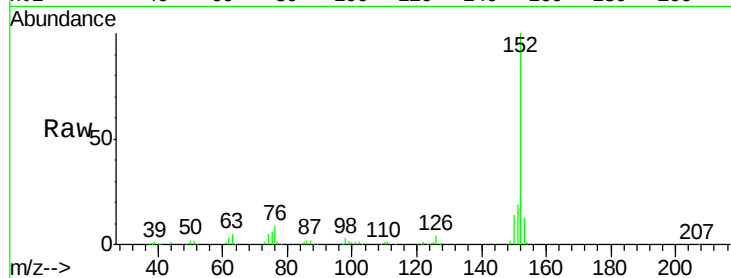
Tgt Ion:152 Resp: 368999

Ion Ratio Lower Upper

152 100

151 19.3 16.0 24.0

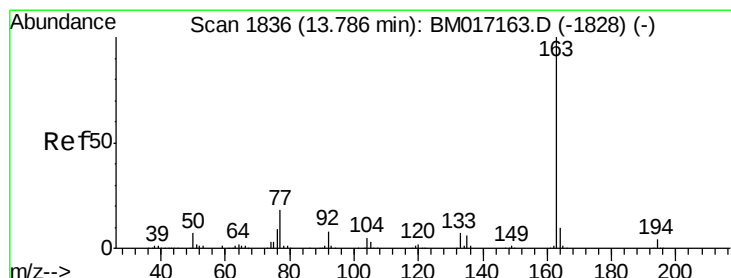
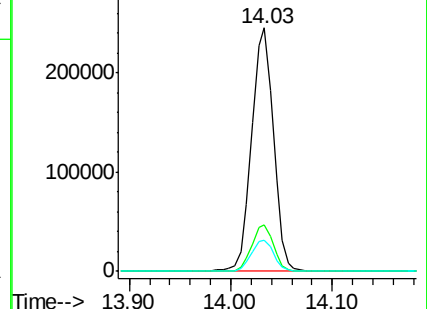
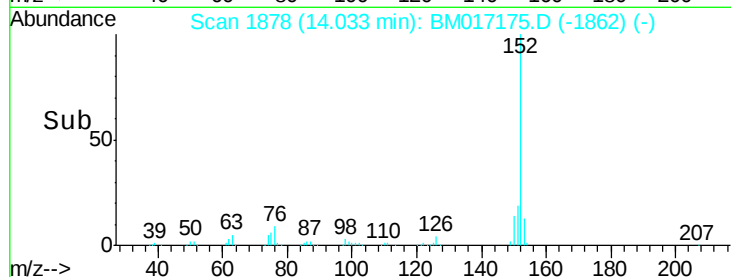
153 12.8 10.4 15.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 6.971 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

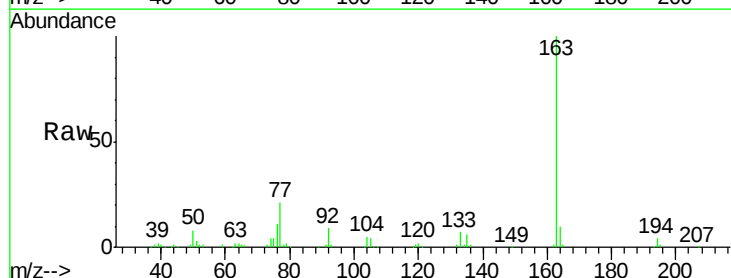
Tgt Ion:163 Resp: 292649

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

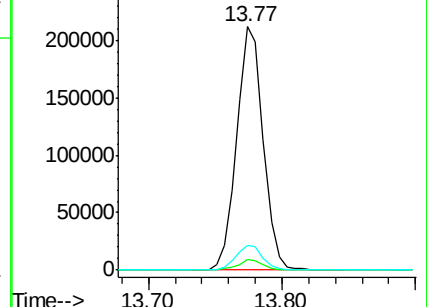
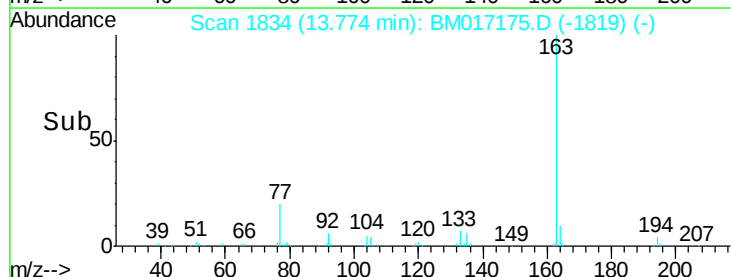
164 10.4 7.8 11.8

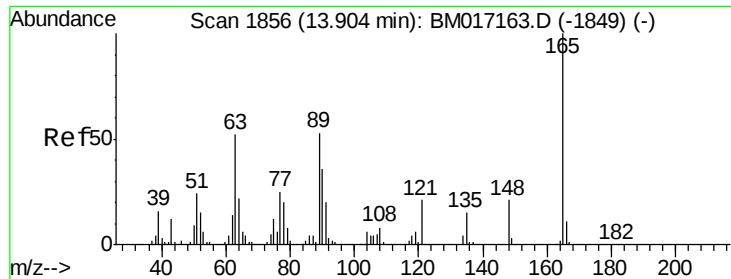


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 5.935 ng

RT: 13.90 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

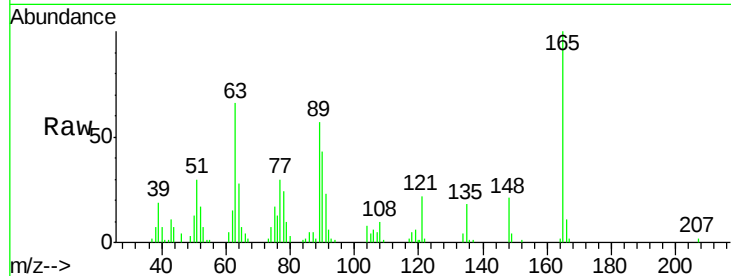
Tgt Ion:165 Resp: 54841

Ion Ratio Lower Upper

165 100

63 66.3 42.7 64.1#

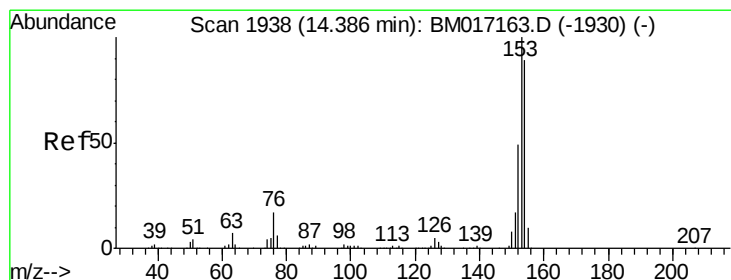
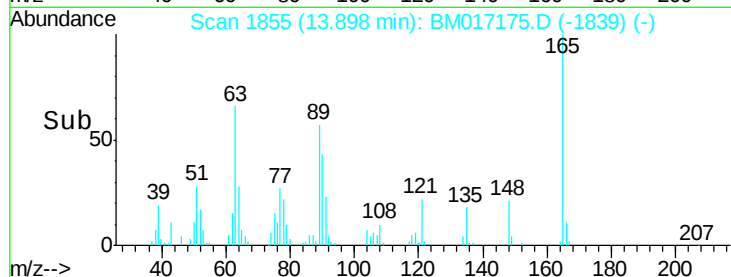
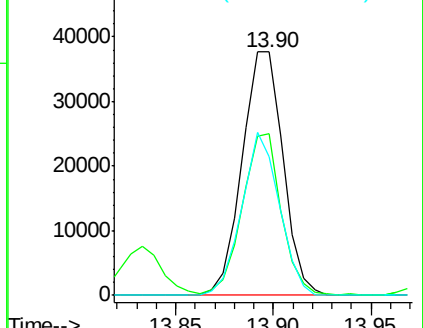
89 57.2 42.1 63.1



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 6.839 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

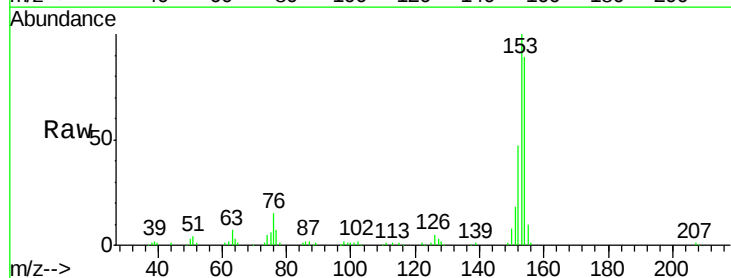
Tgt Ion:154 Resp: 224217

Ion Ratio Lower Upper

154 100

153 112.7 90.2 135.2

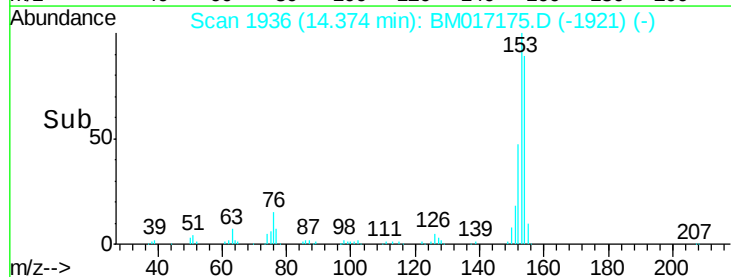
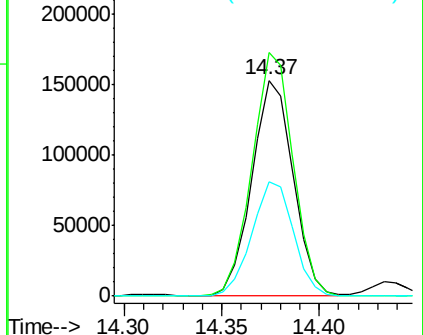
152 53.2 44.2 66.4

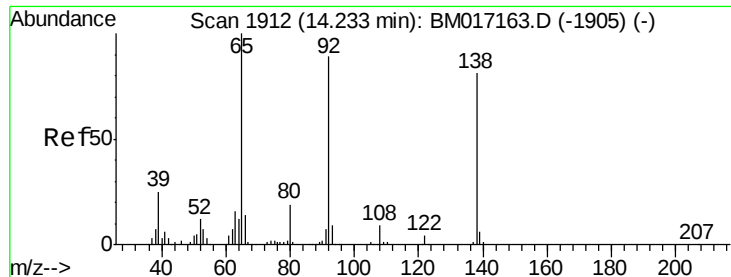


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

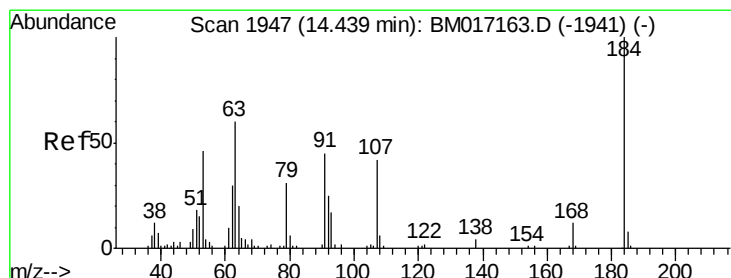
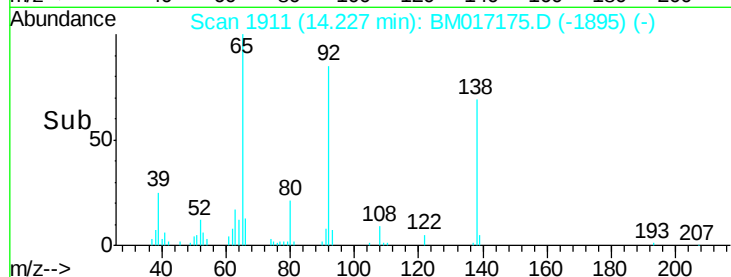
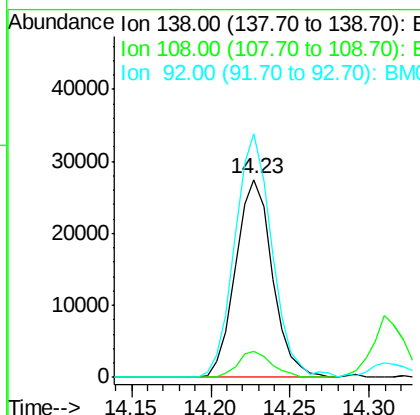
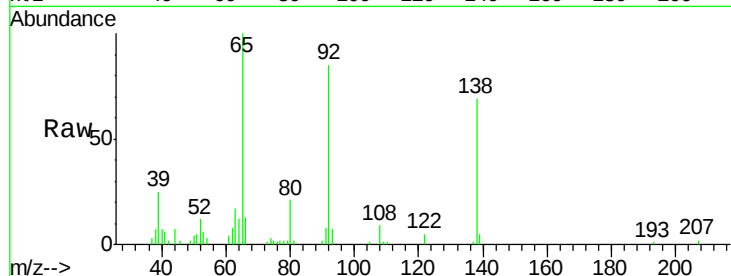




#53
 3-Nitroaniline
 Concen: 4.414 ng
 RT: 14.23 min Scan# 1911
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

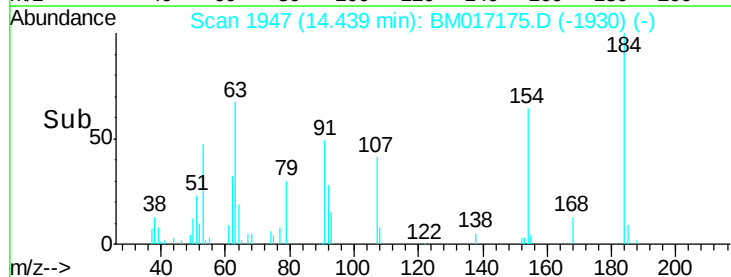
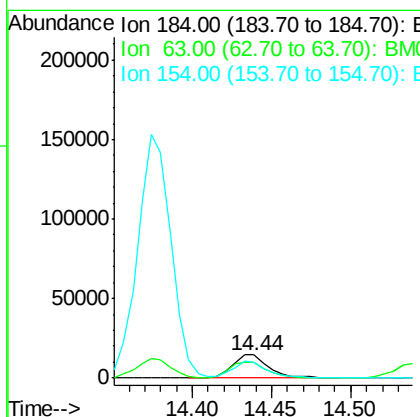
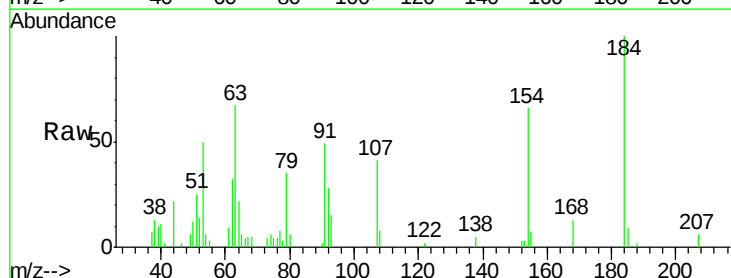
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

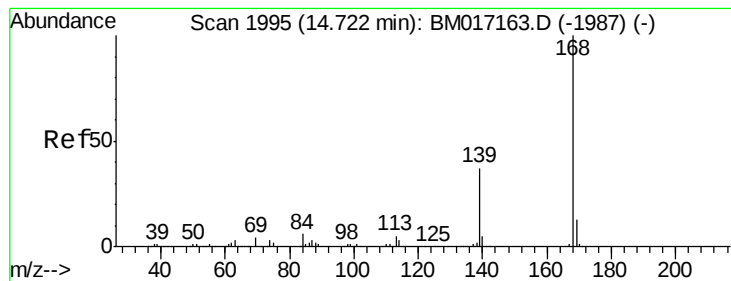
Tgt Ion:138 Resp: 44170
 Ion Ratio Lower Upper
 138 100
 108 13.1 8.7 13.1#
 92 123.2 87.9 131.9



#54
 2,4-Dinitrophenol
 Concen: 12.039 ng
 RT: 14.44 min Scan# 1947
 Delta R.T. -0.00 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion:184 Resp: 23038
 Ion Ratio Lower Upper
 184 100
 63 66.8 51.2 76.8
 154 66.5 47.8 71.8





#55

Dibenzenofuran

Concen: 6.702 ng

RT: 14.72 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

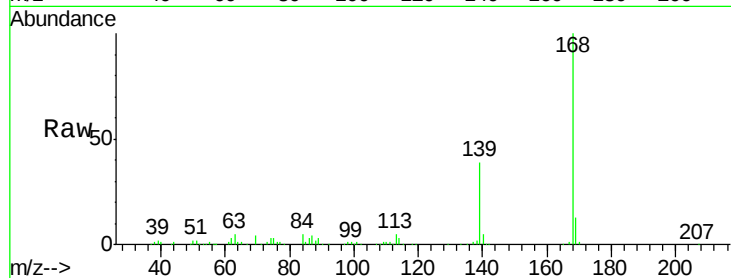
Tgt Ion:168 Resp: 365413

Ion Ratio Lower Upper

168 100

139 38.6 29.3 43.9

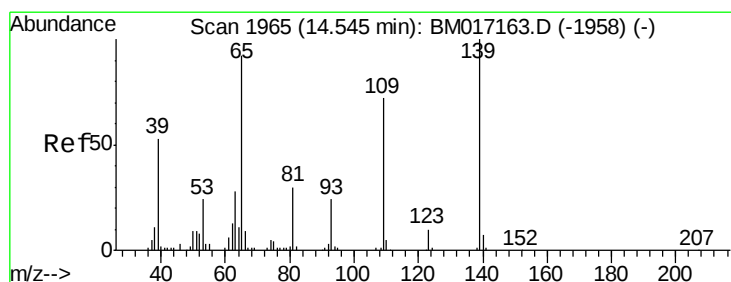
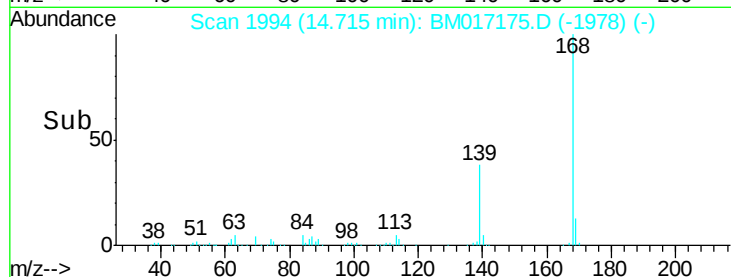
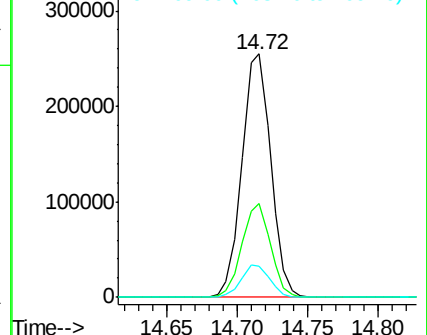
169 12.8 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 9.257 ng

RT: 14.54 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

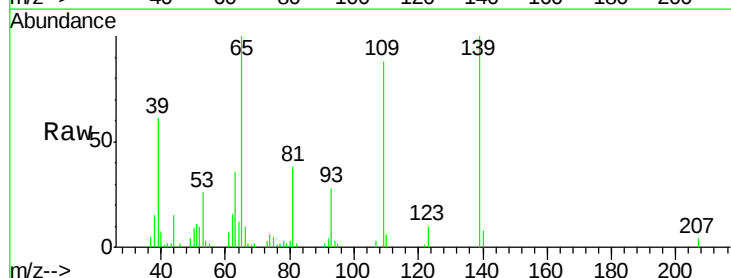
Tgt Ion:139 Resp: 43998

Ion Ratio Lower Upper

139 100

109 88.0 51.8 91.8

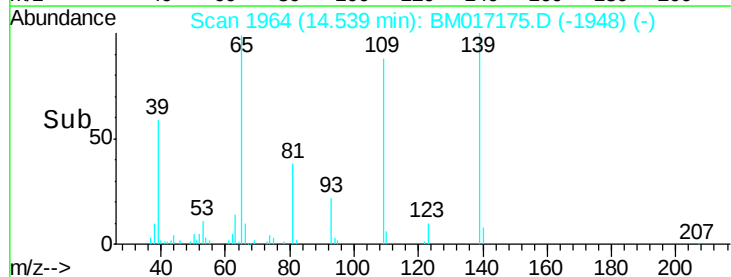
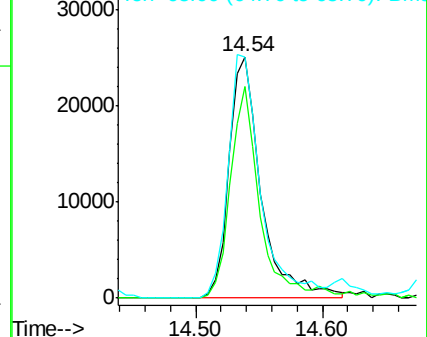
65 99.8 72.1 112.1

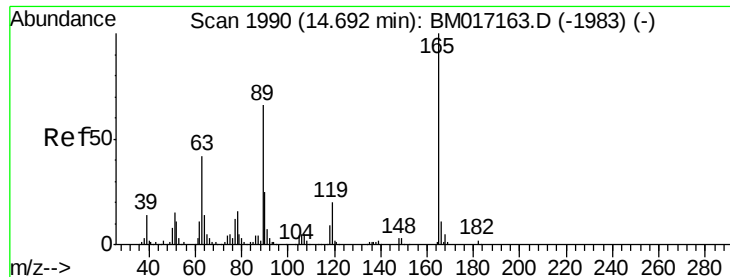


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

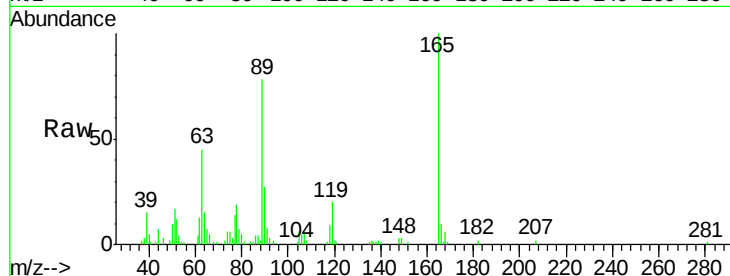




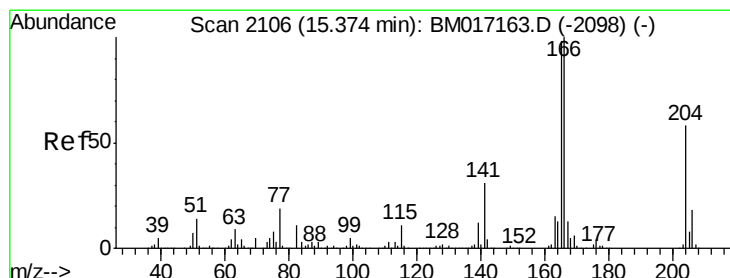
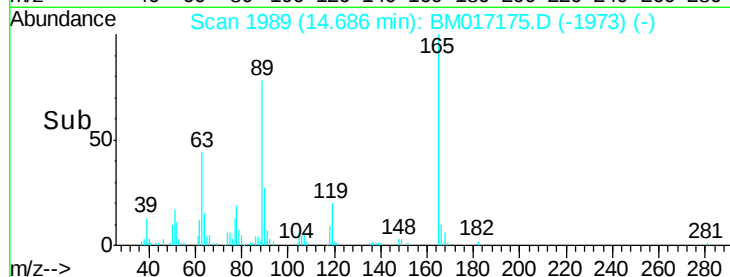
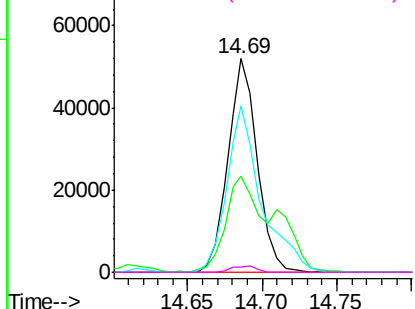
#57
2,4-Dinitrotoluene
Concen: 5.763 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	165	Resp:	71572
Ion	Ratio	Lower	Upper
165	100		
63	45.2	33.8	50.8
89	78.2	53.1	79.7
182	2.1	2.0	3.0

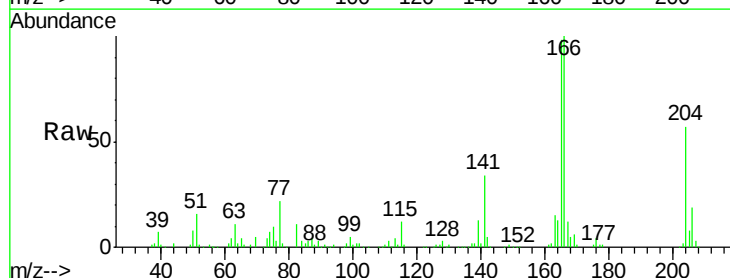


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

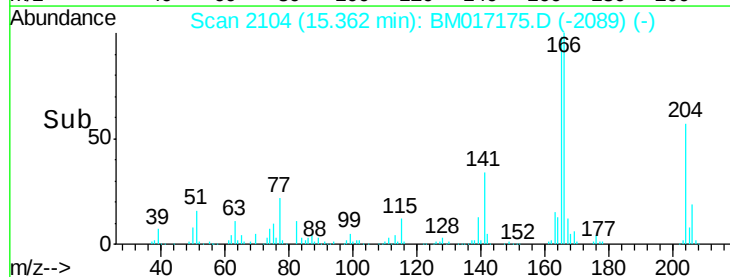
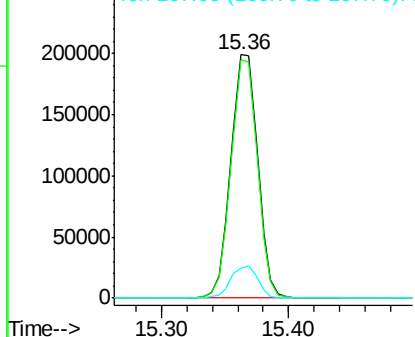


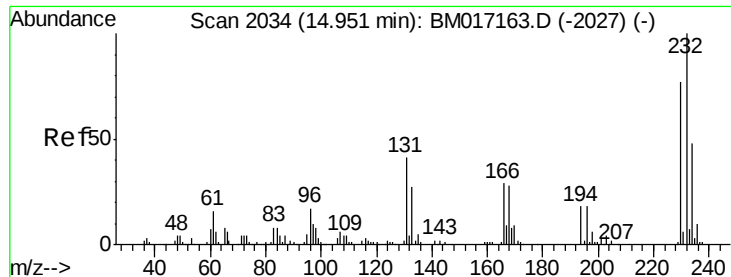
#58
Fluorene
Concen: 7.203 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:	166	Resp:	290670
Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	12.3	10.6	16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

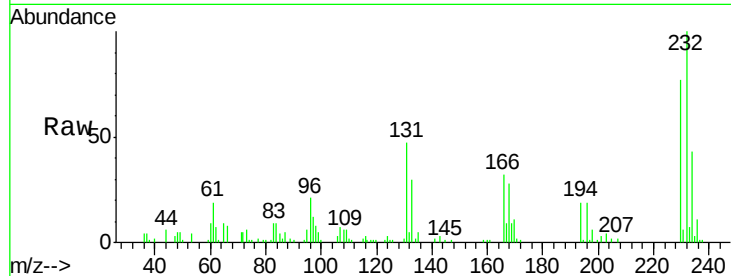




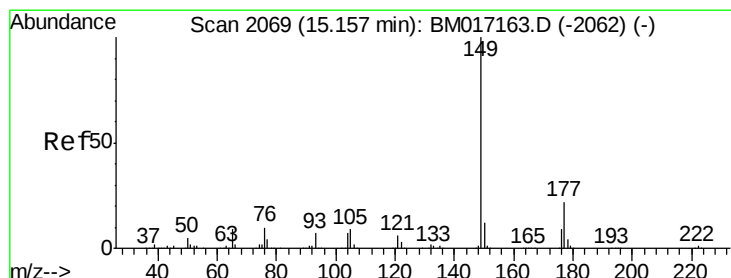
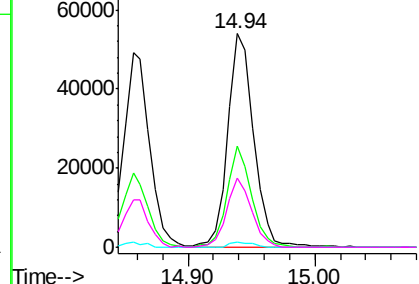
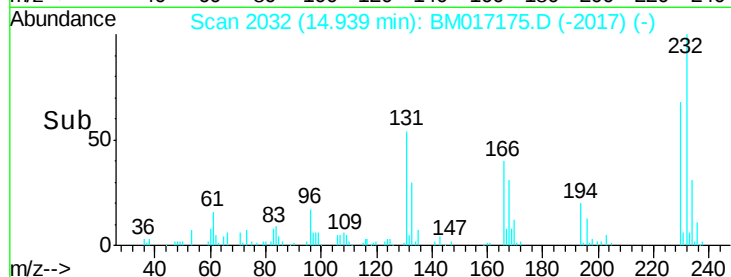
#59
2,3,4,6-Tetrachlorophenol
Concen: 7.043 ng
RT: 14.94 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 232 Resp: 76581
Ion Ratio Lower Upper
232 100
131 44.4 33.1 49.7
130 2.1 1.7 2.5
166 31.2 24.4 36.6

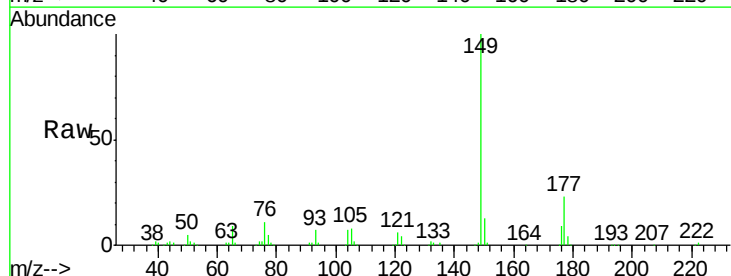


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

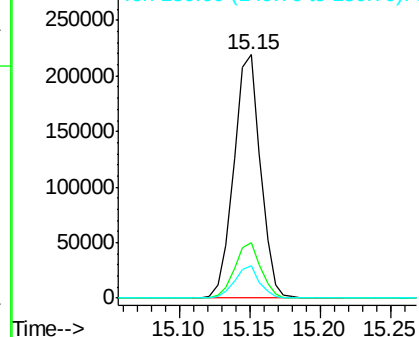
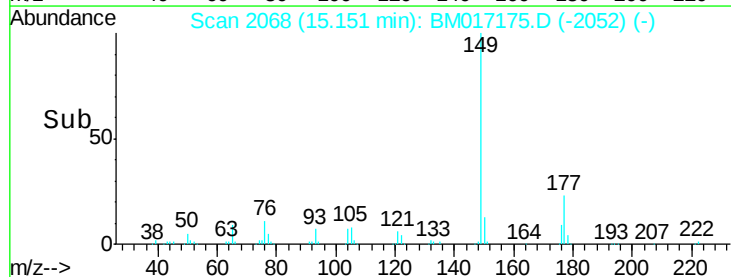


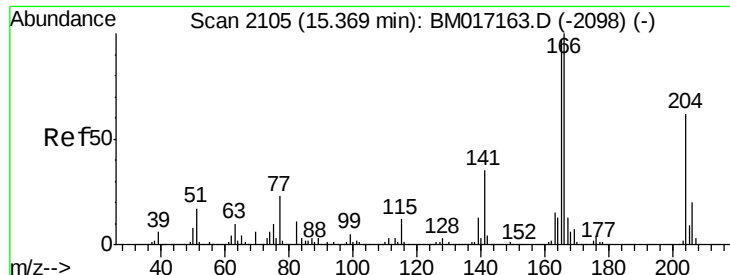
#60
Diethylphthalate
Concen: 6.899 ng
RT: 15.15 min Scan# 2068
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion: 149 Resp: 287225
Ion Ratio Lower Upper
149 100
177 22.6 17.7 26.5
150 13.1 10.0 15.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

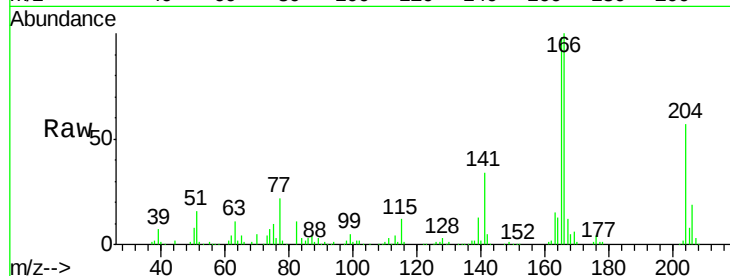




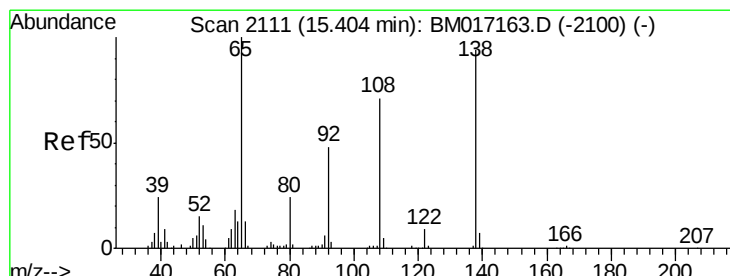
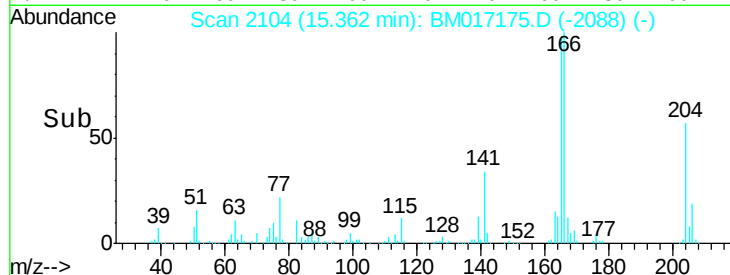
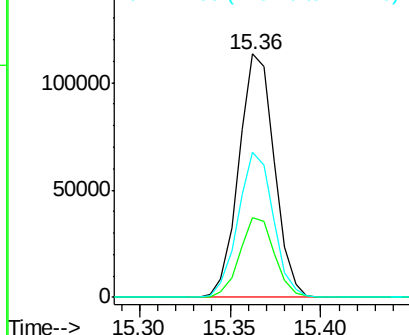
#61
4-Chlorophenyl-phenylether
Concen: 6.690 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:204 Resp: 153907
Ion Ratio Lower Upper
204 100
206 32.6 26.1 39.1
141 59.3 45.4 68.2

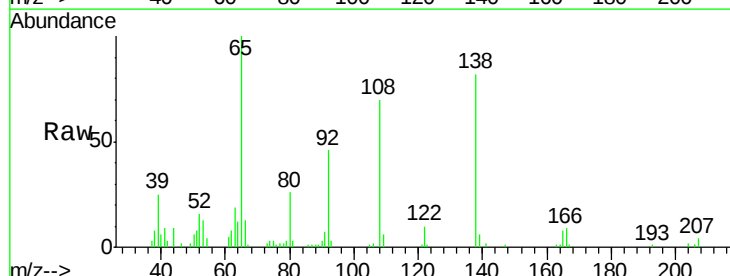


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

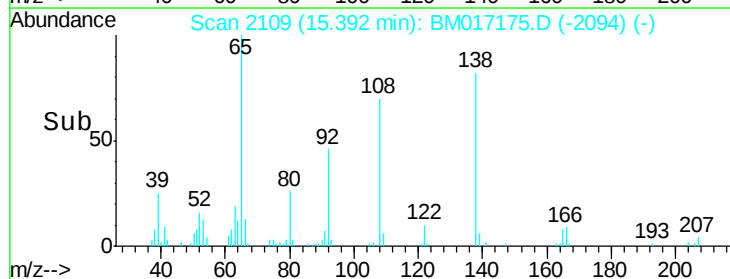
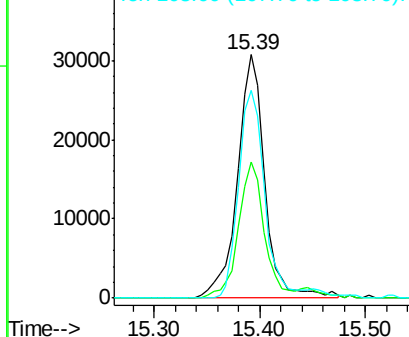


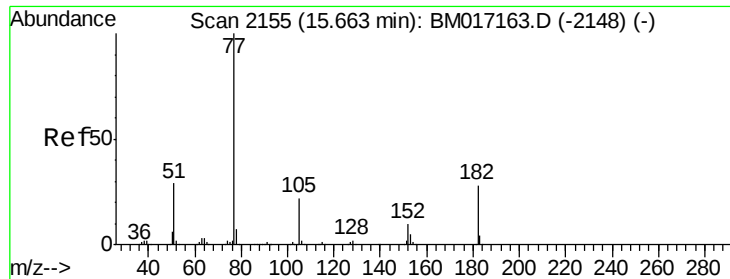
#62
4-Nitroaniline
Concen: 9.188 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:138 Resp: 54948
Ion Ratio Lower Upper
138 100
92 56.1 31.2 71.2
108 85.3 55.5 95.5



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

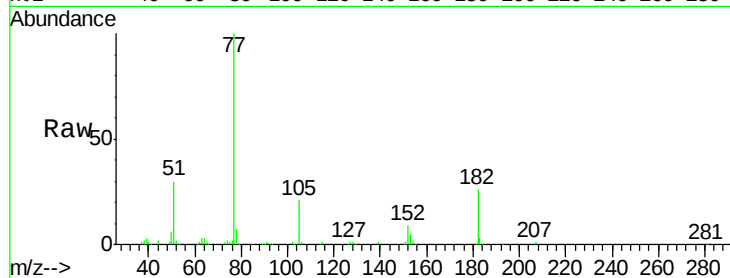




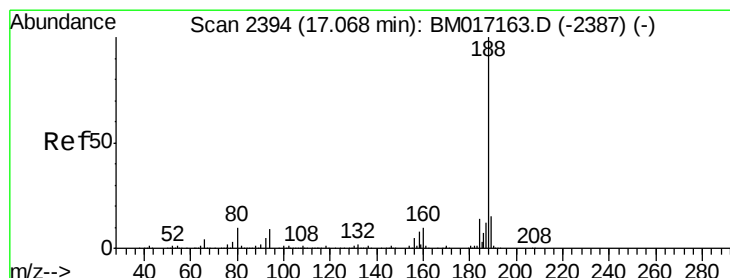
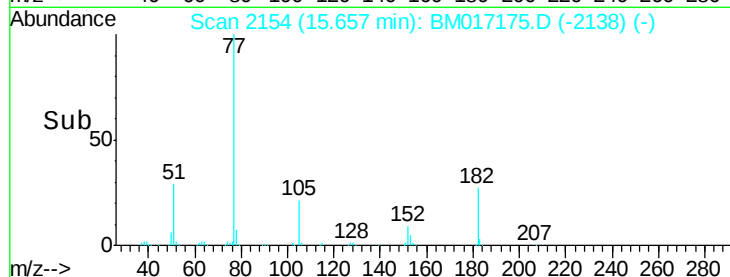
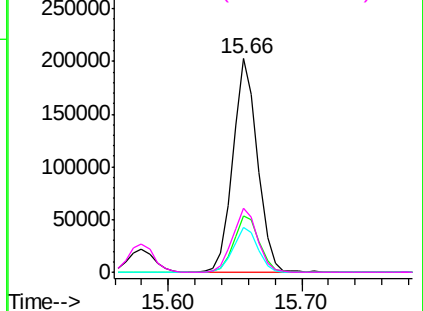
#63
Azobenzene
Concen: 6.457 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	77	Resp:	261303
Ion	Ratio	Lower	Upper
77	100		
182	26.3	8.3	48.3
105	20.8	1.5	41.5
51	30.2	8.8	48.8

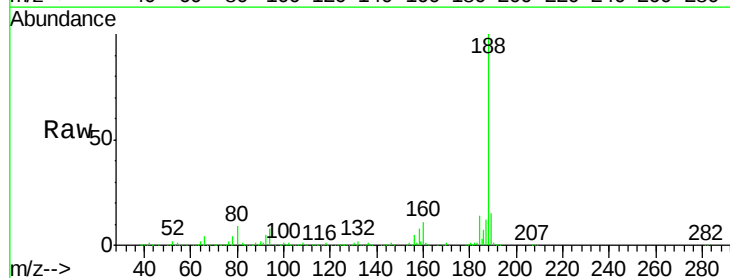


Abundance Ion 77.00 (76.70 to 77.70): BM017175.D (-2138) (-)

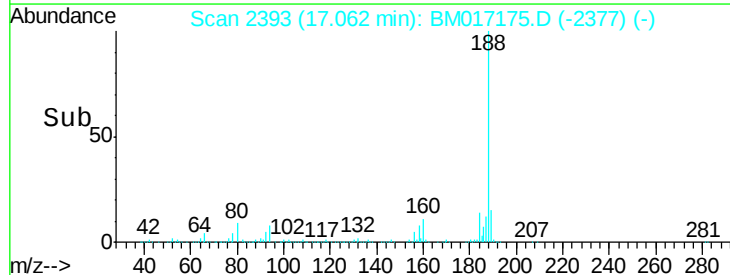
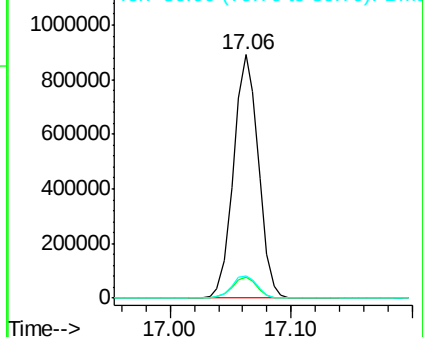


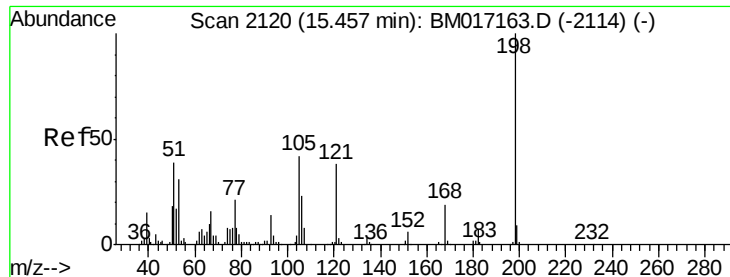
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:	188	Resp:	1281083
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.0	10.4
80	9.4	7.7	11.5



Abundance Ion 188.00 (187.70 to 188.70): BM017175.D (-2377) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 10.801 ng

RT: 15.45 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

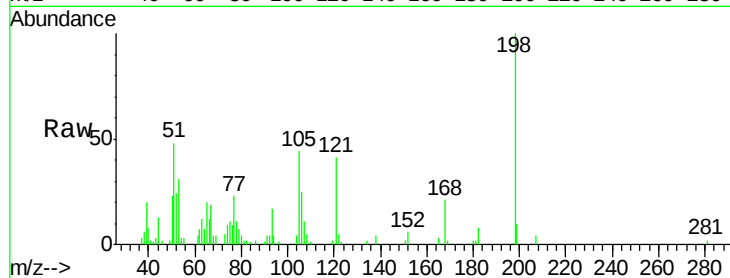
Tgt Ion:198 Resp: 36591

Ion Ratio Lower Upper

198 100

51 48.2 20.3 60.3

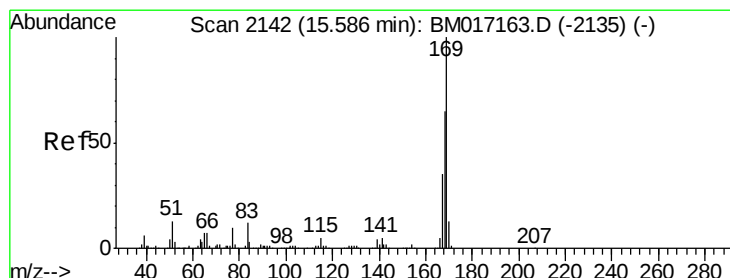
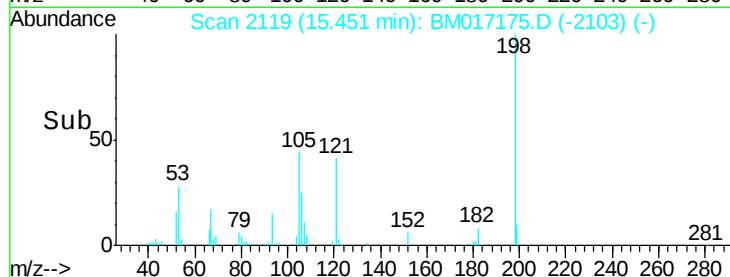
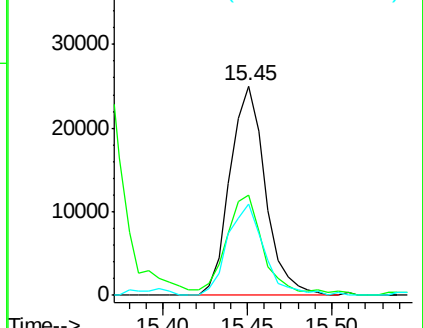
105 43.8 21.9 61.9



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



#66

n-Nitrosodiphenylamine

Concen: 6.424 ng

RT: 15.58 min Scan# 2141

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

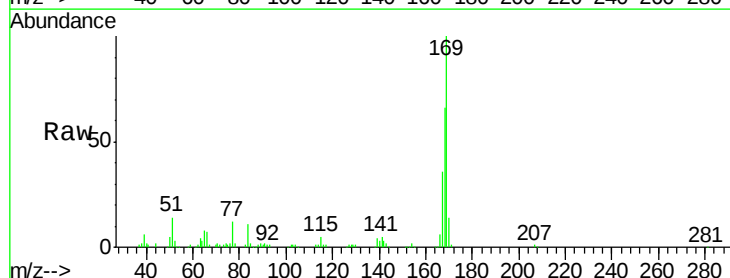
Tgt Ion:169 Resp: 249006

Ion Ratio Lower Upper

169 100

168 66.4 52.2 78.4

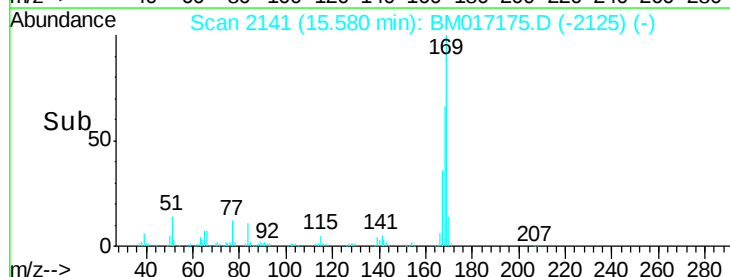
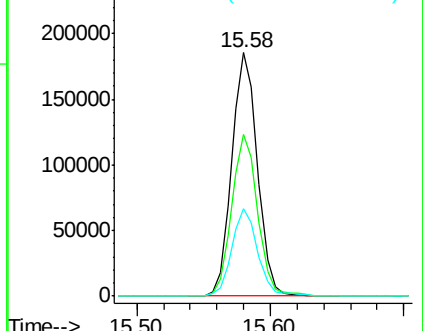
167 36.2 28.4 42.6

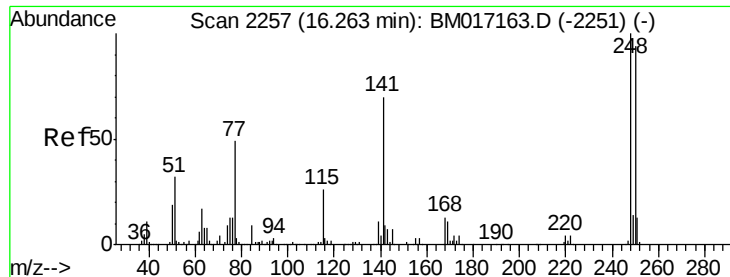


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

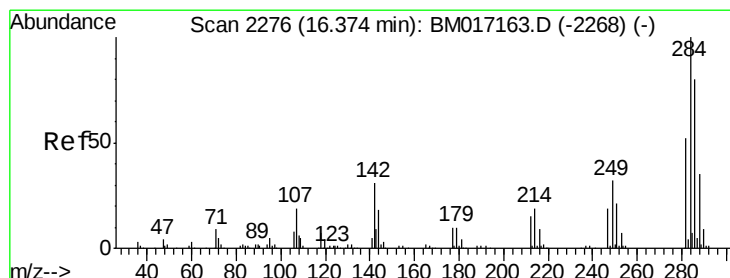
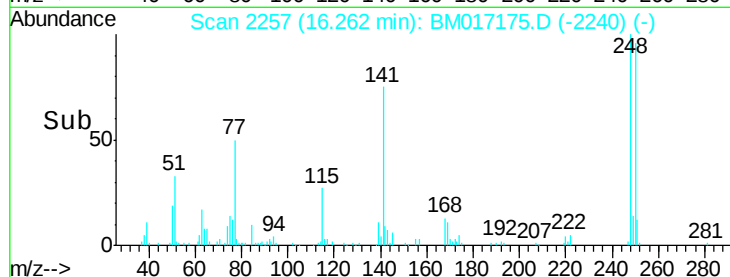
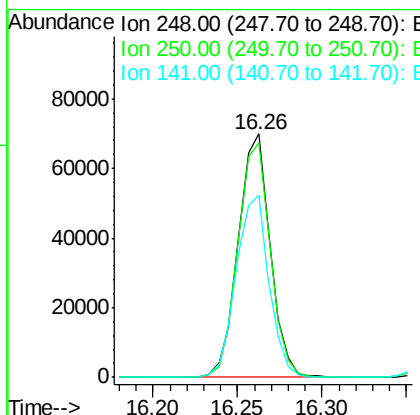
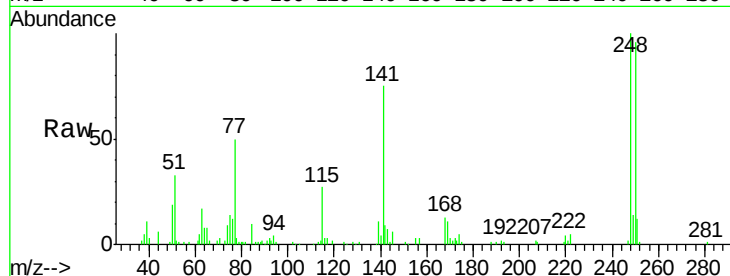




#67
 4-Bromophenyl-phenylether
 Concen: 6.557 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

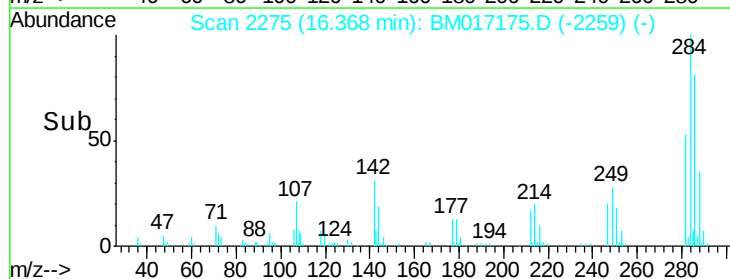
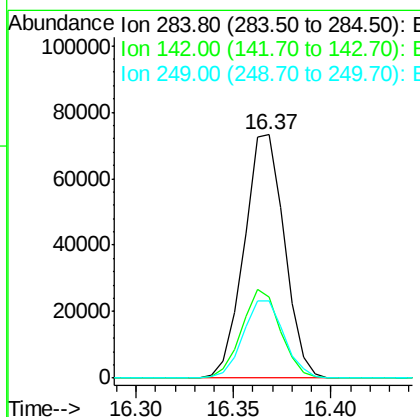
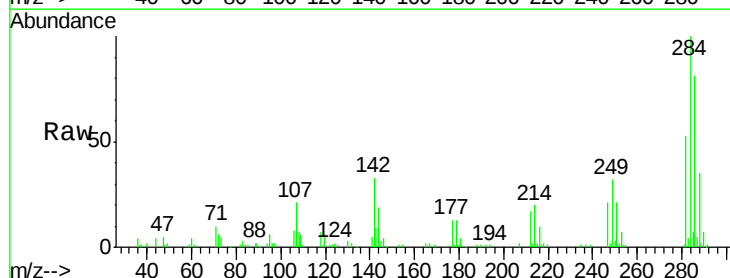
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

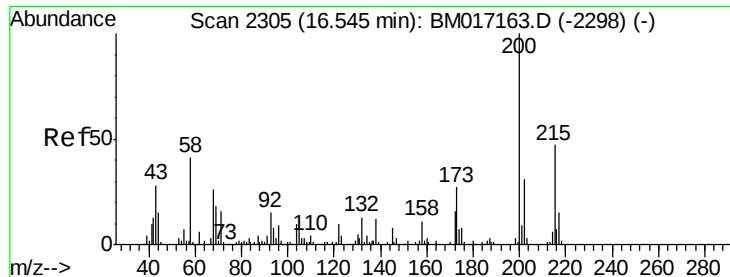
Tgt Ion:248 Resp: 92228
 Ion Ratio Lower Upper
 248 100
 250 96.4 75.1 112.7
 141 75.1 55.6 83.4



#68
 Hexachlorobenzene
 Concen: 6.401 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion:284 Resp: 104583
 Ion Ratio Lower Upper
 284 100
 142 33.1 25.0 37.6
 249 31.8 25.5 38.3

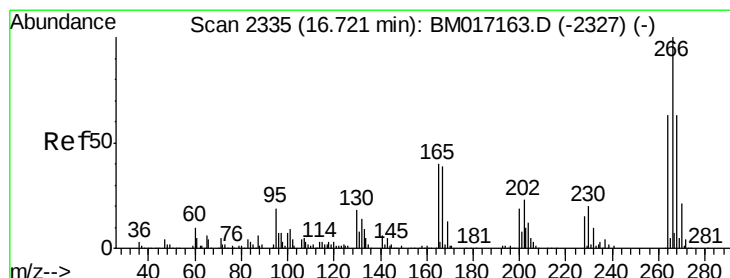
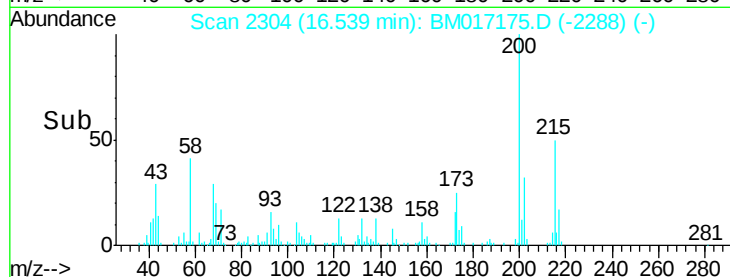
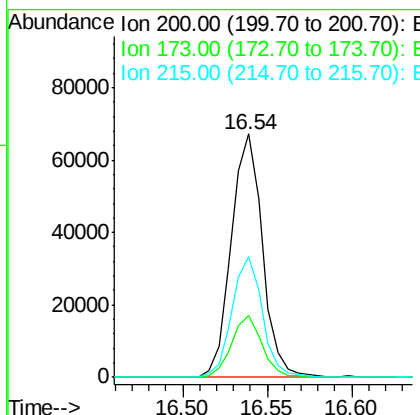
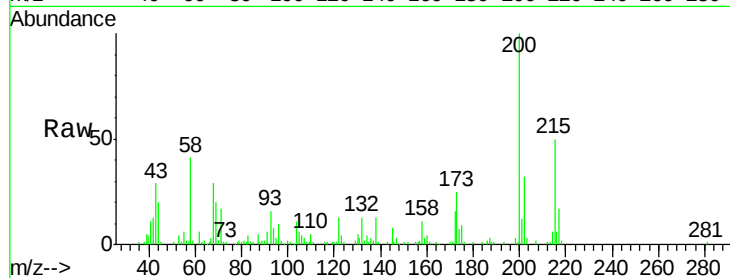




#69
Atrazine
Concen: 6.222 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

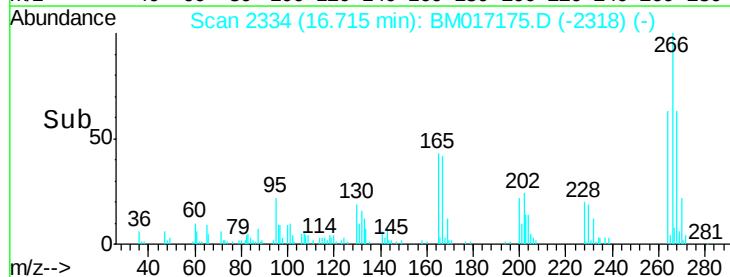
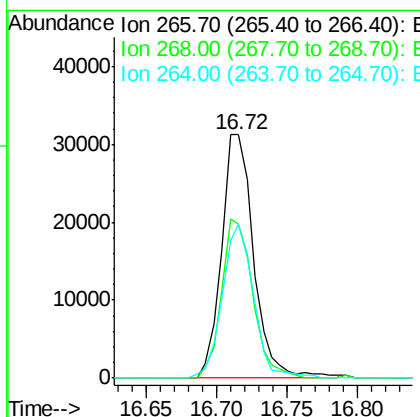
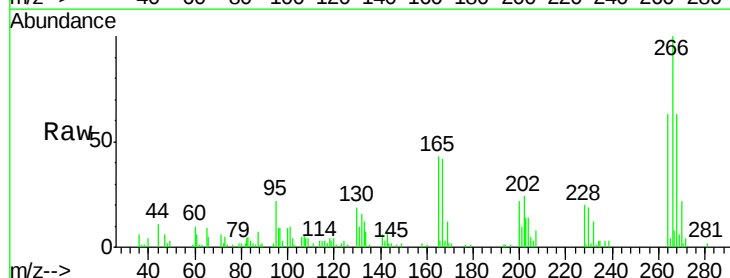
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

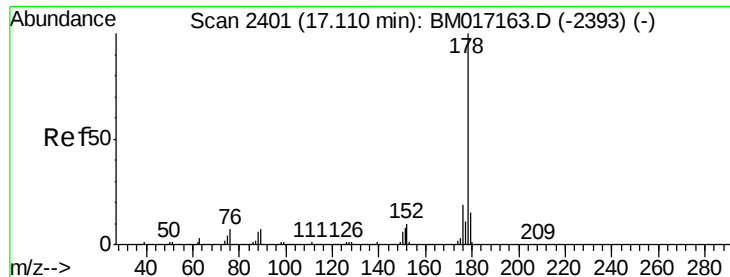
Tgt Ion:200 Resp: 86315
Ion Ratio Lower Upper
200 100
173 25.2 7.0 47.0
215 49.7 27.3 67.3



#70
Pentachlorophenol
Concen: 4.435 ng
RT: 16.72 min Scan# 2334
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:266 Resp: 49643
Ion Ratio Lower Upper
266 100
268 63.5 50.7 76.1
264 63.1 50.4 75.6

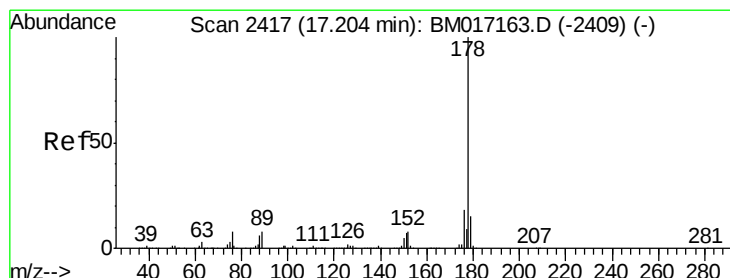
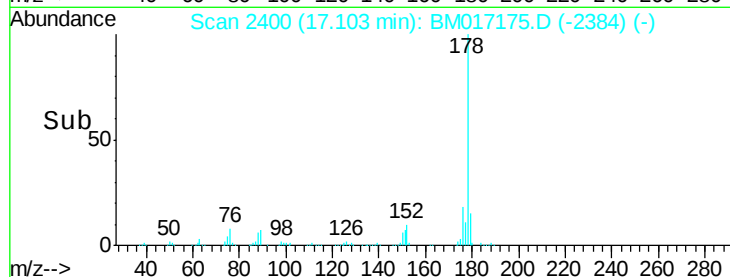
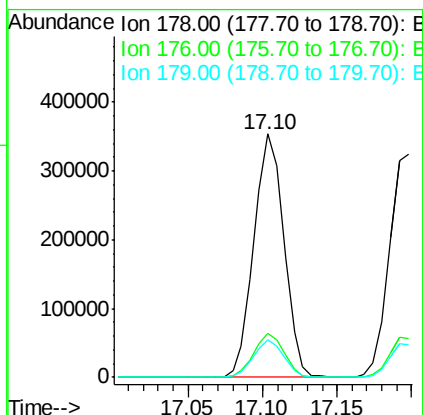
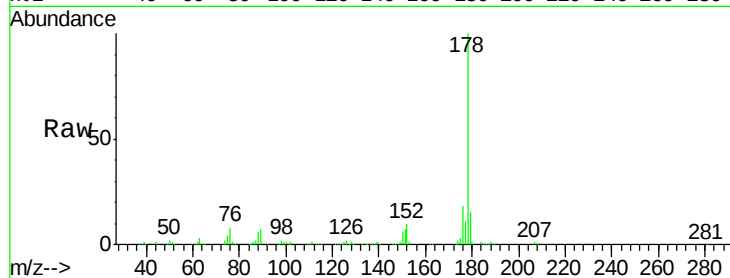




#71
Phenanthrene
Concen: 7.123 ng
RT: 17.10 min Scan# 2400
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

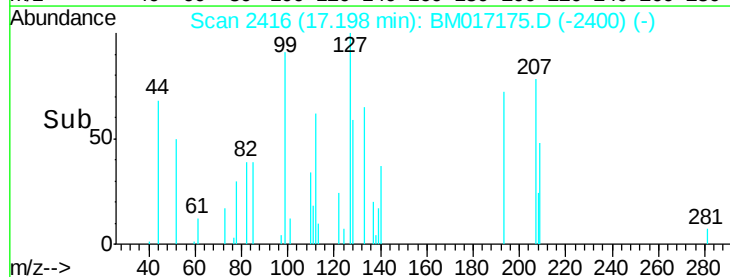
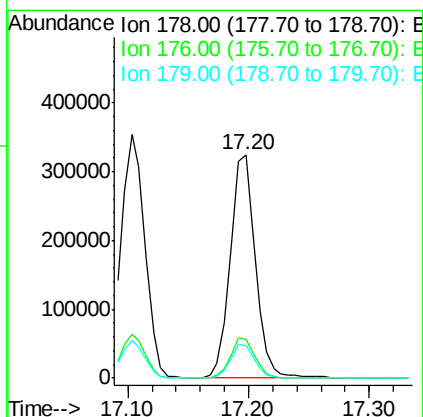
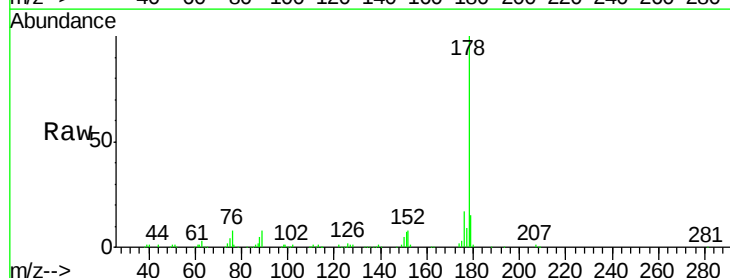
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

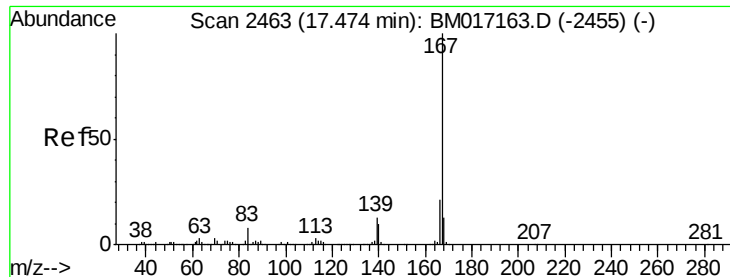
Tgt Ion:178 Resp: 492325
Ion Ratio Lower Upper
178 100
176 18.2 15.0 22.6
179 15.5 12.3 18.5



#72
Anthracene
Concen: 7.164 ng
RT: 17.20 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:178 Resp: 470478
Ion Ratio Lower Upper
178 100
176 17.3 14.5 21.7
179 14.7 12.2 18.2

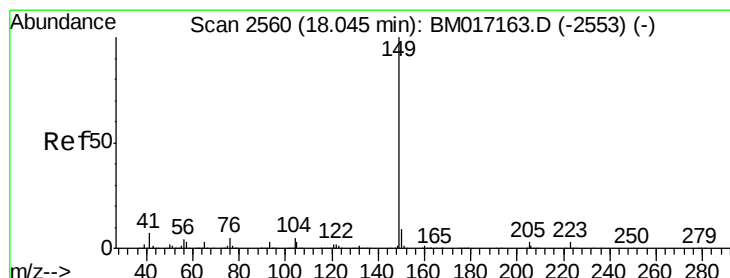
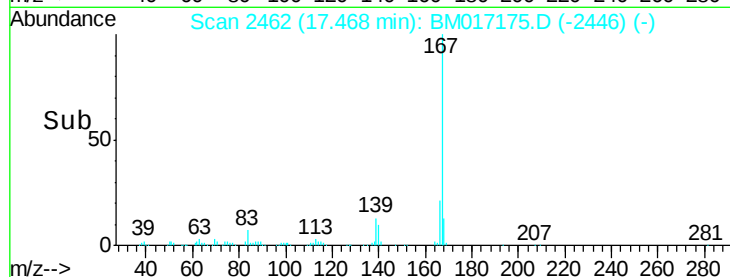
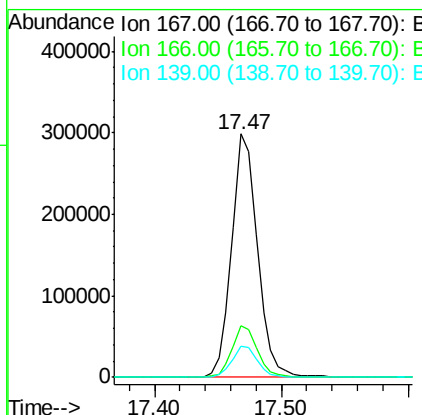
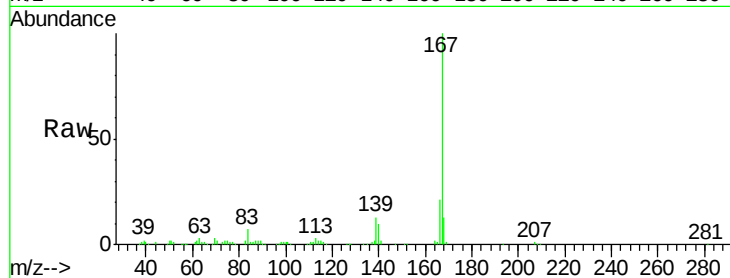




#73
 Carbazole
 Concen: 6.258 ng
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

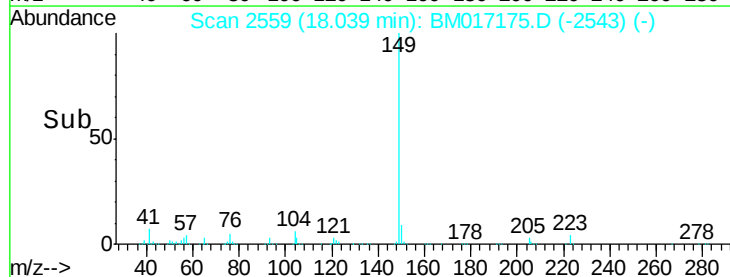
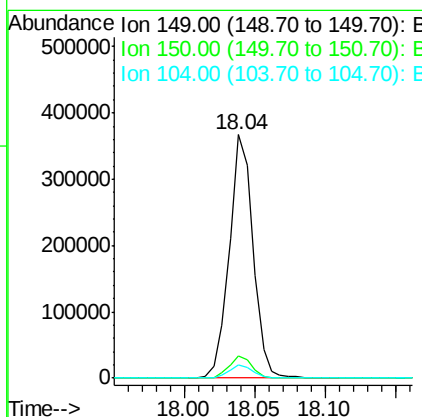
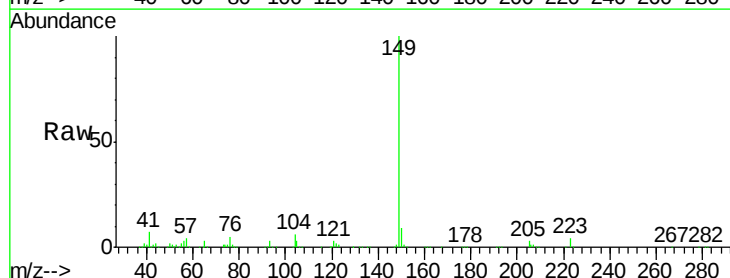
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

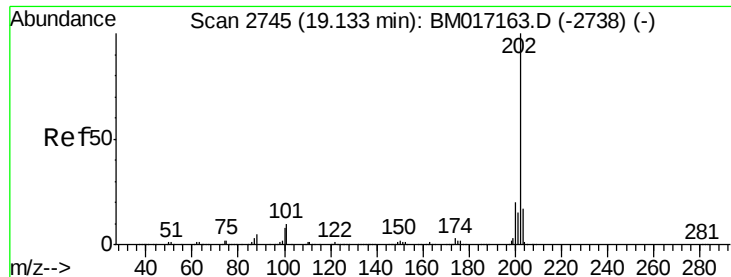
Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.1	25.7
139	12.8	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 6.091 ng
 RT: 18.04 min Scan# 2559
 Delta R.T. -0.01 min
 Lab File: BM017175.D
 Acq: 18 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.6	4.3	6.5





#75

Fluoranthene

Concen: 7.161 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

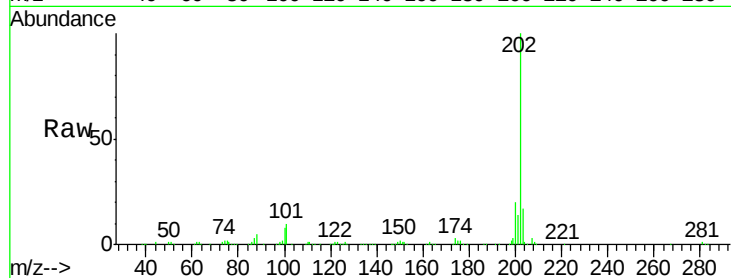
Tgt Ion:202 Resp: 556955

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.0

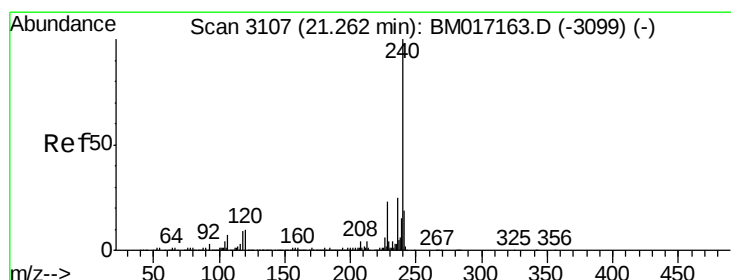
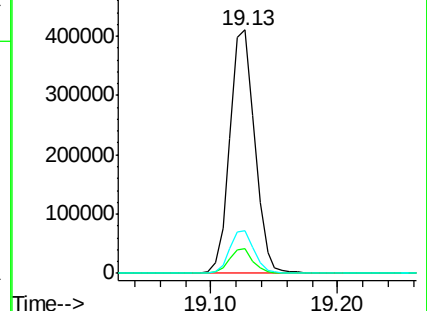
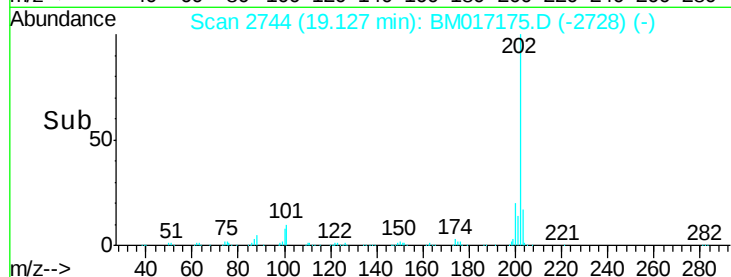
203 17.4 0.0 37.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.26 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

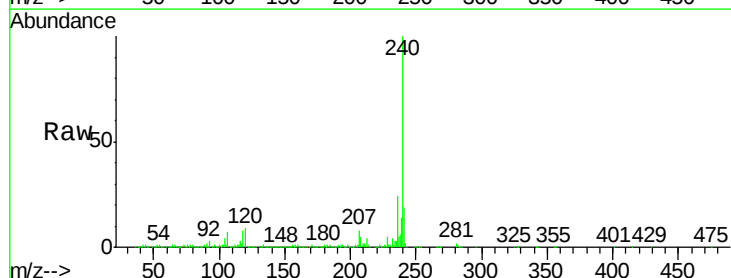
Tgt Ion:240 Resp: 1525069

Ion Ratio Lower Upper

240 100

120 9.3 8.1 12.1

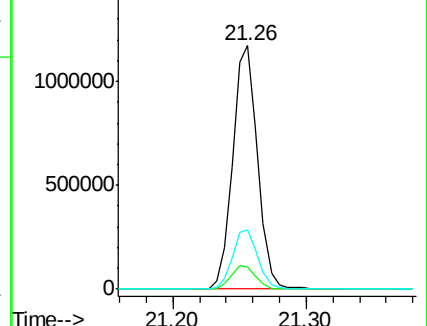
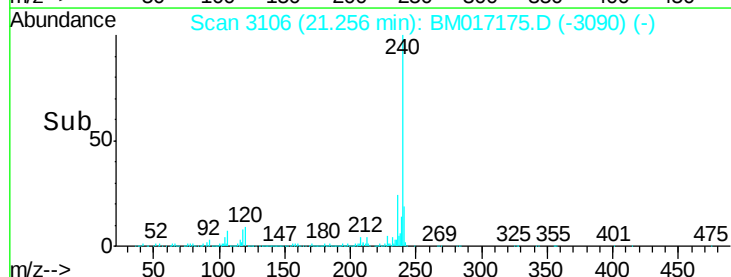
236 24.2 19.9 29.9

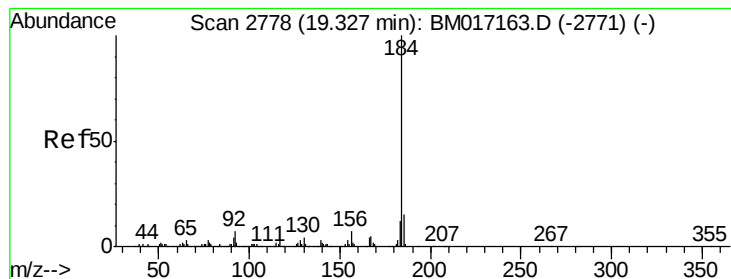


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 3.527 ng

RT: 19.32 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

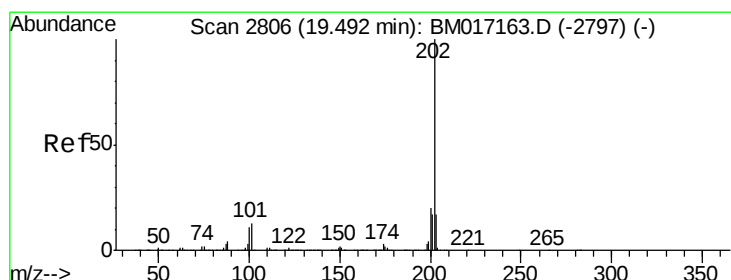
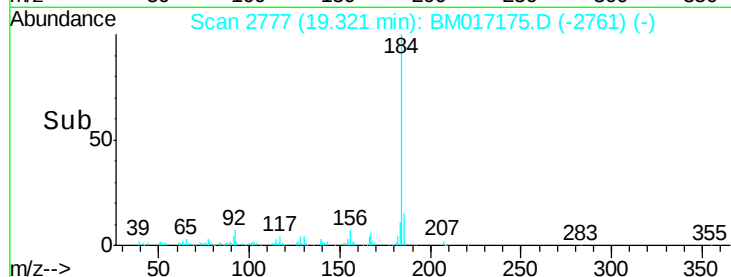
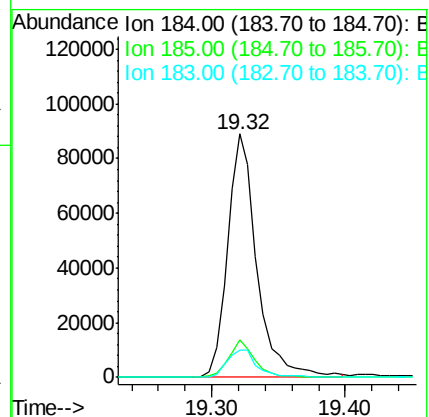
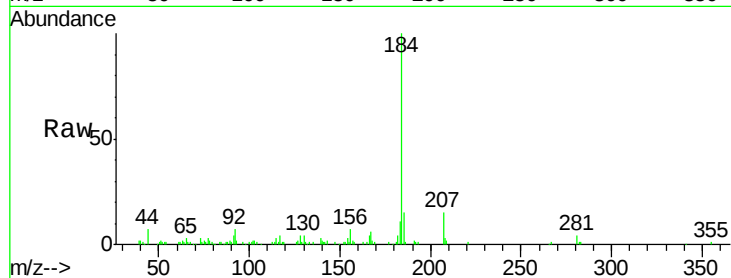
Tgt Ion:184 Resp: 136379

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

183 11.2 9.7 14.5



#78

Pyrene

Concen: 6.808 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

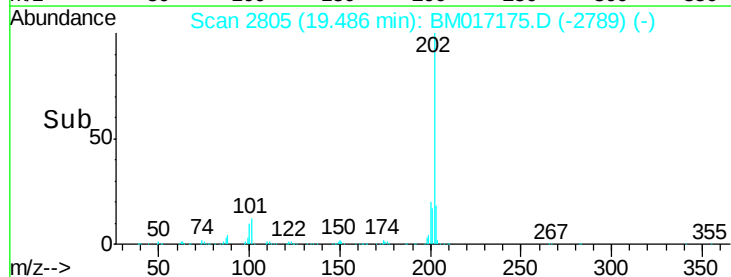
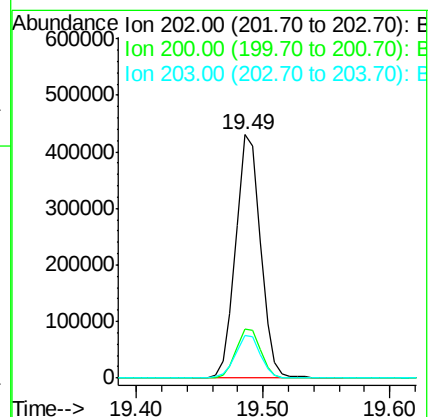
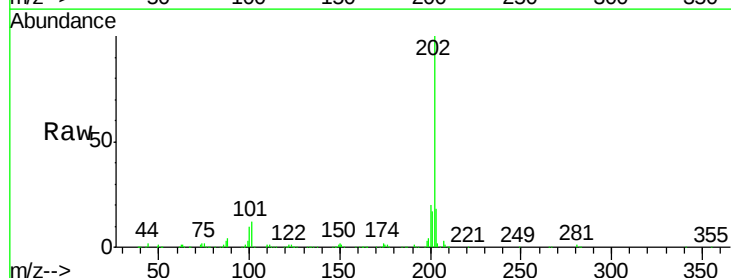
Tgt Ion:202 Resp: 580291

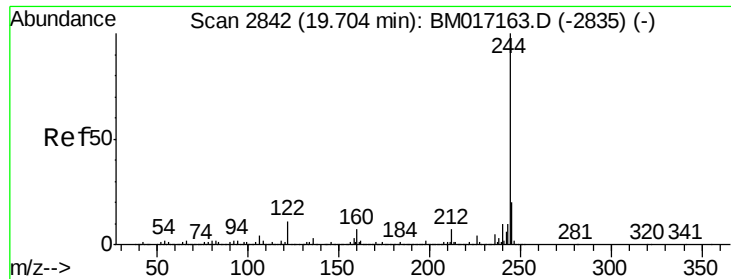
Ion Ratio Lower Upper

202 100

200 20.0 16.3 24.5

203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 68.988 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

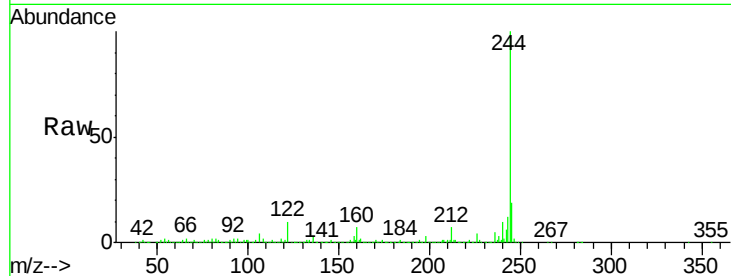
Tgt Ion:244 Resp: 4667775

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

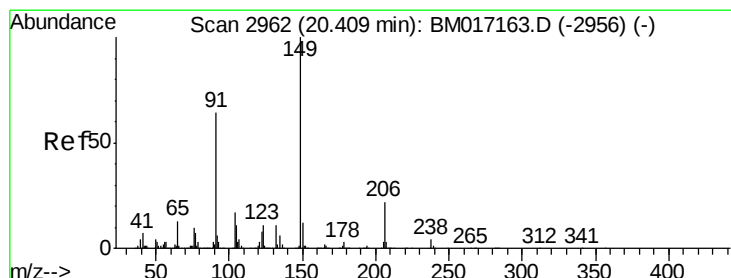
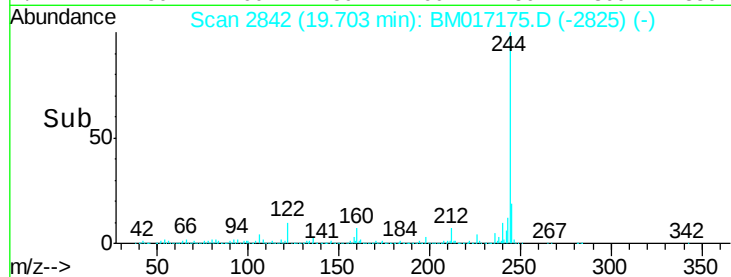
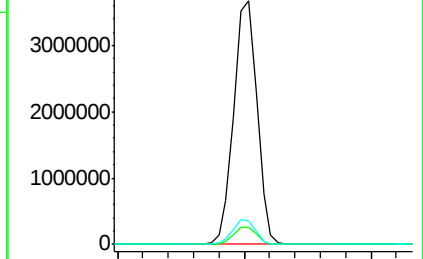
122 9.5 8.4 12.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 11.859 ng

RT: 20.40 min Scan# 2961

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

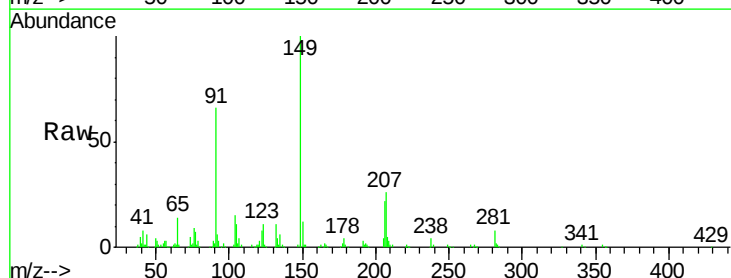
Tgt Ion:149 Resp: 178589

Ion Ratio Lower Upper

149 100

91 66.4 51.3 76.9

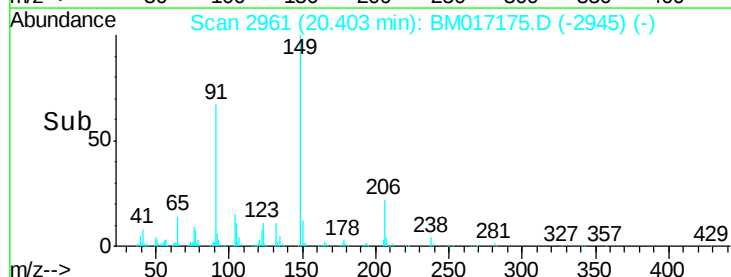
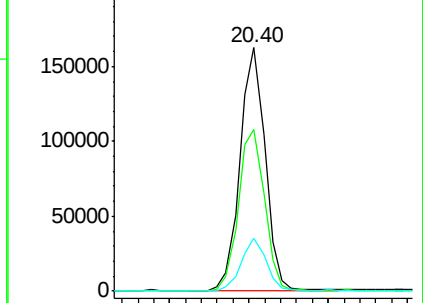
206 22.0 18.0 27.0

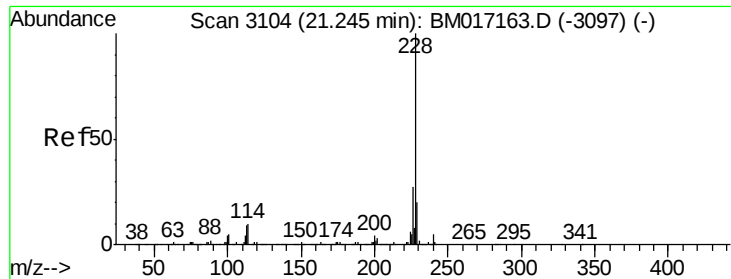


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 7.081 ng

RT: 21.24 min Scan# 3103

Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

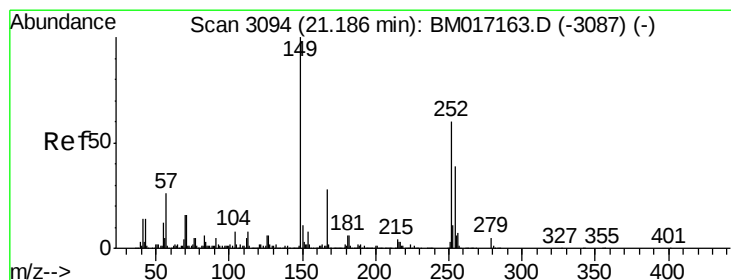
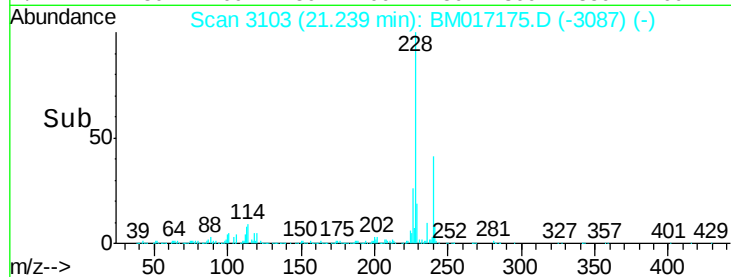
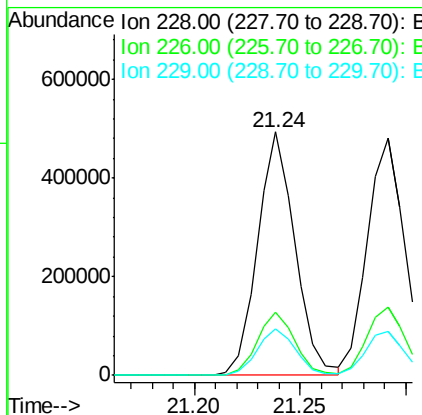
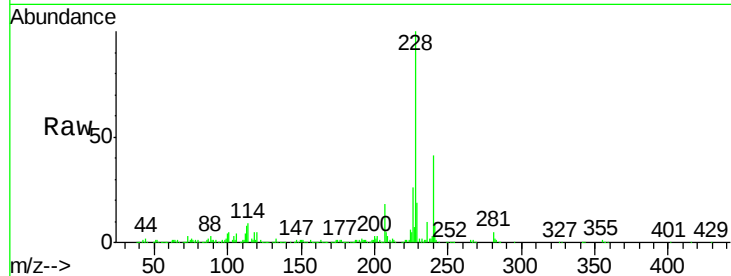
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	228	Resp:	607737
Ion	Ratio	Lower	Upper
228	100		
226	25.8	21.4	32.0
229	19.2	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 4.331 ng

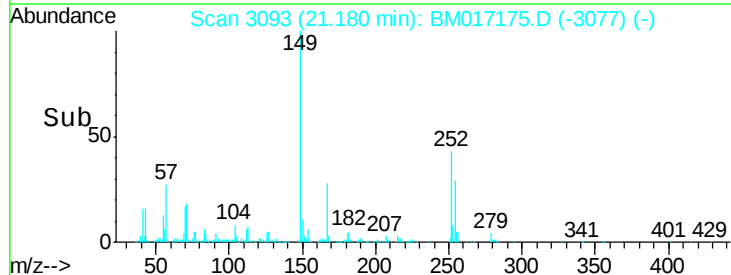
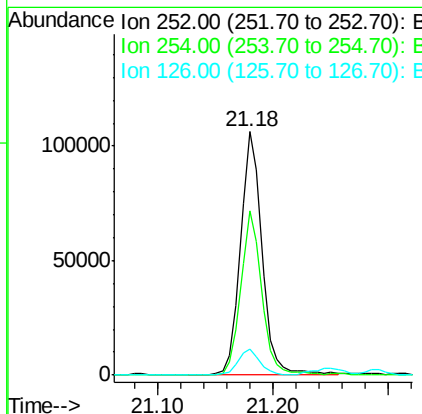
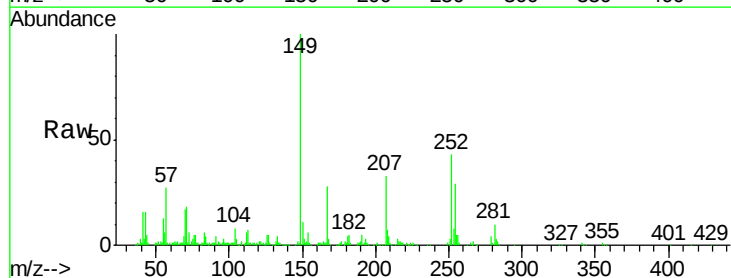
RT: 21.18 min Scan# 3093

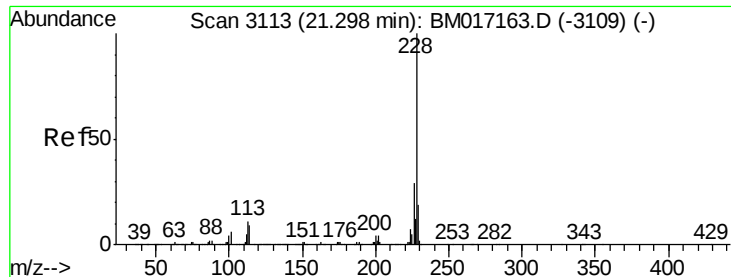
Delta R.T. -0.01 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Tgt Ion:	252	Resp:	138536
Ion	Ratio	Lower	Upper
252	100		
254	67.6	52.1	78.1
126	10.8	8.6	12.8

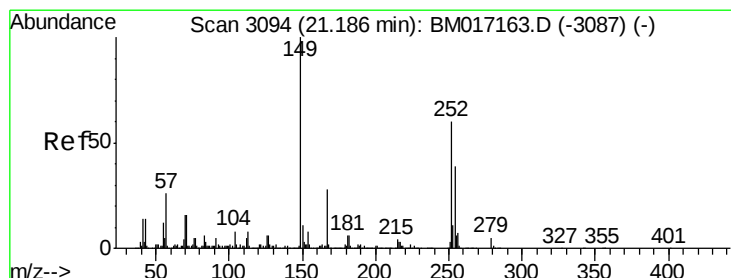
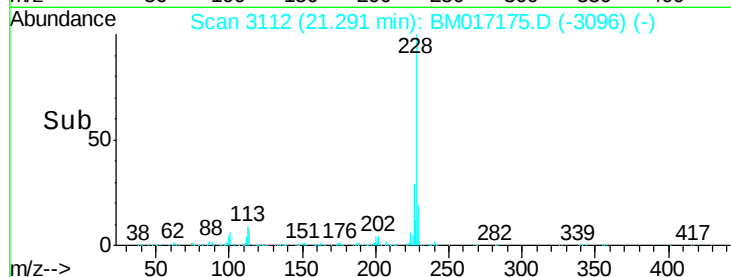
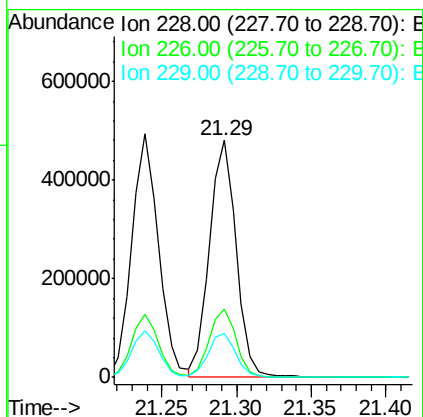
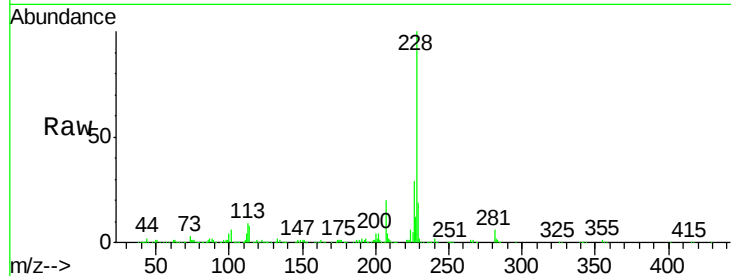




#83
Chrysene
Concen: 7.012 ng
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

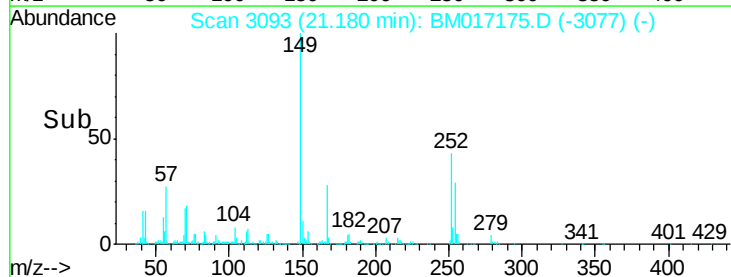
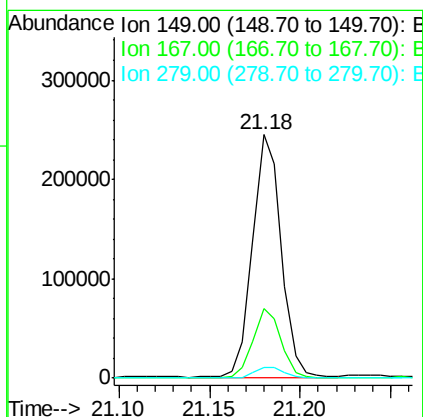
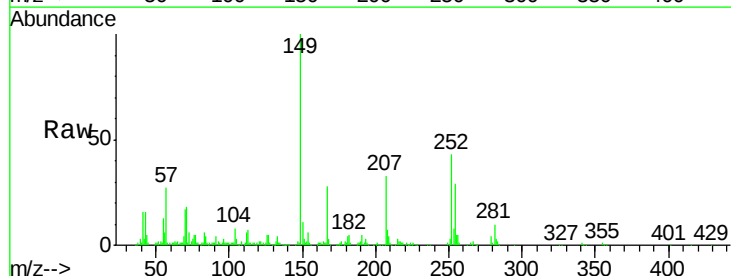
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

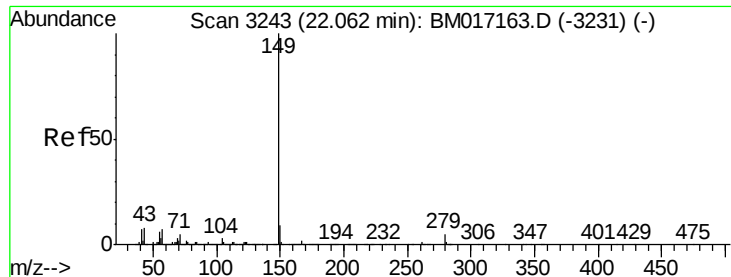
Tgt Ion: 228 Resp: 595628
Ion Ratio Lower Upper
228 100
226 28.8 23.3 34.9
229 18.7 15.6 23.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 10.094 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion: 149 Resp: 267054
Ion Ratio Lower Upper
149 100
167 28.4 22.2 33.4
279 4.3 3.6 5.4

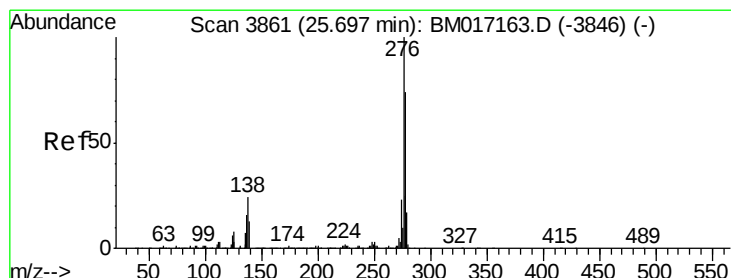
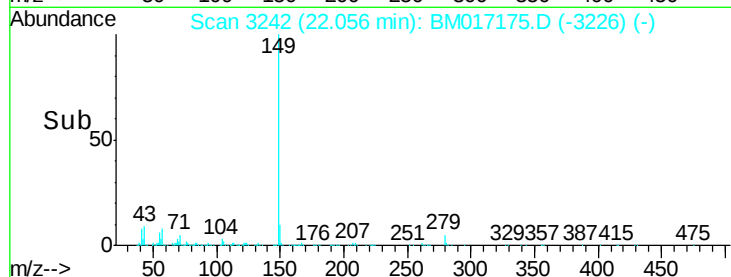
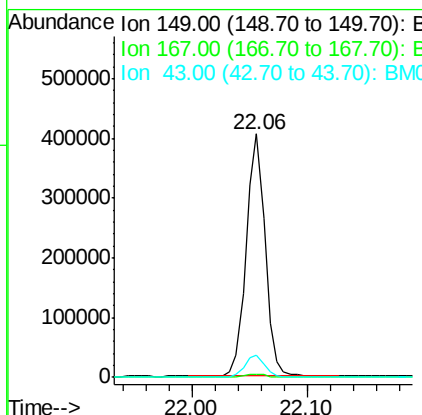
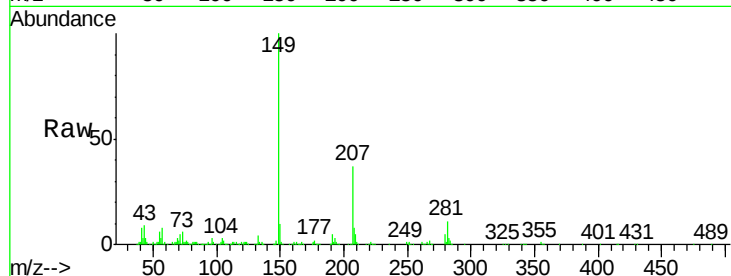




#85
Di-n-octyl phthalate
Concen: 10.428 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

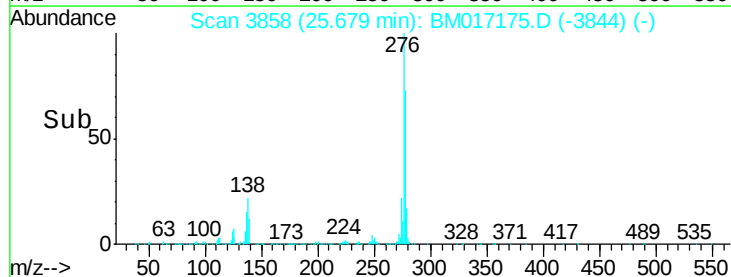
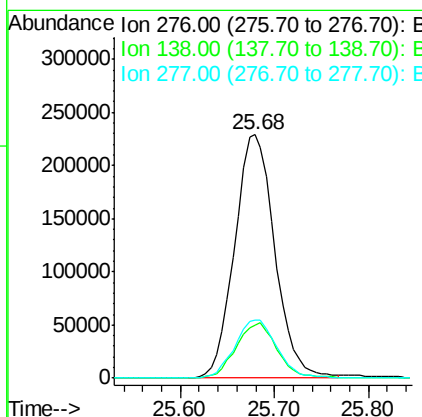
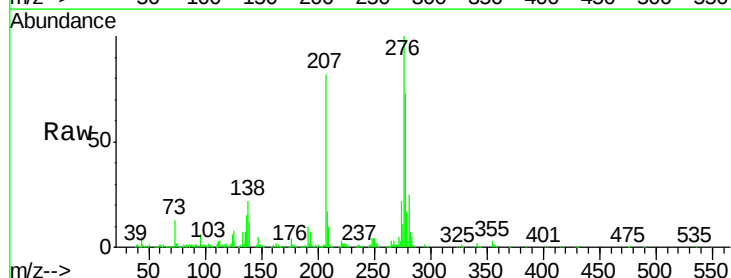
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

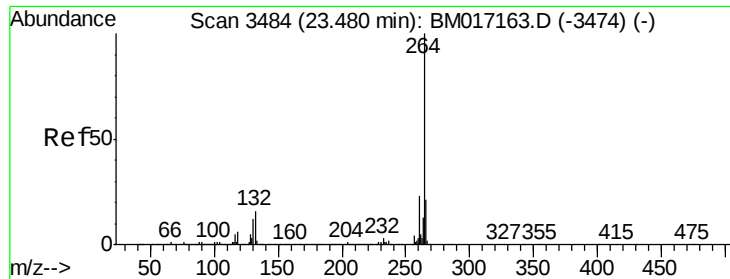
Tgt Ion:149 Resp: 461894
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.3 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 7.170 ng
RT: 25.68 min Scan# 3858
Delta R.T. -0.02 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:276 Resp: 681252
Ion Ratio Lower Upper
276 100
138 23.0 19.5 29.3
277 24.9 20.1 30.1



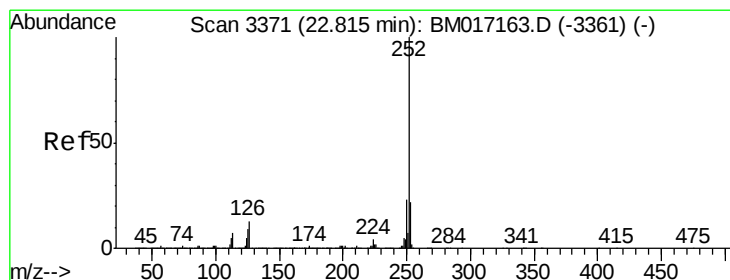
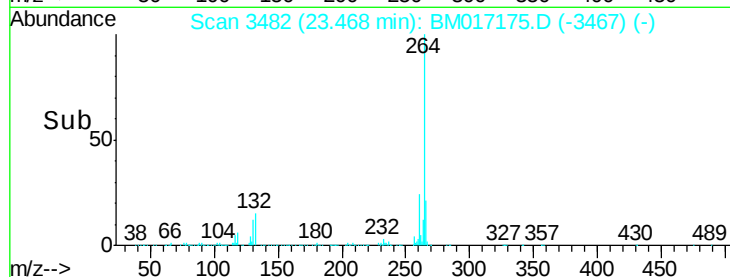
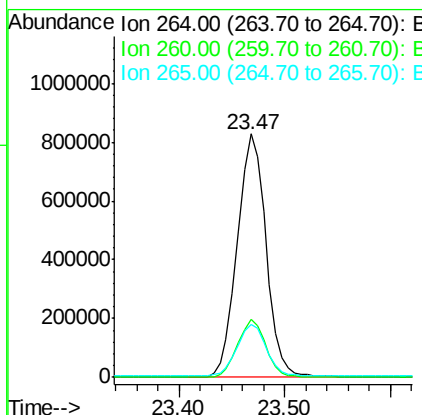
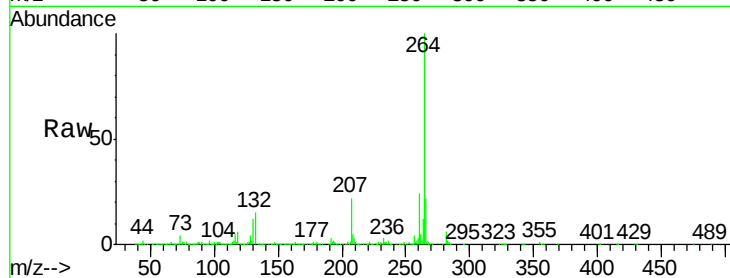


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion:264 Resp: 1572117

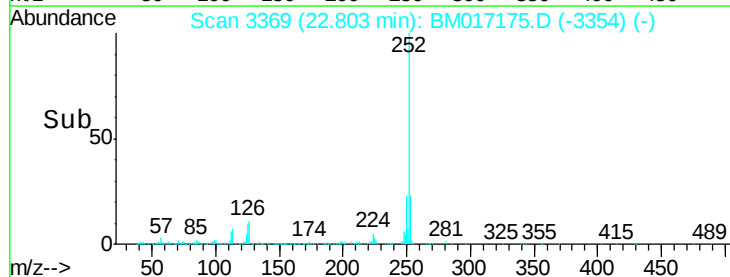
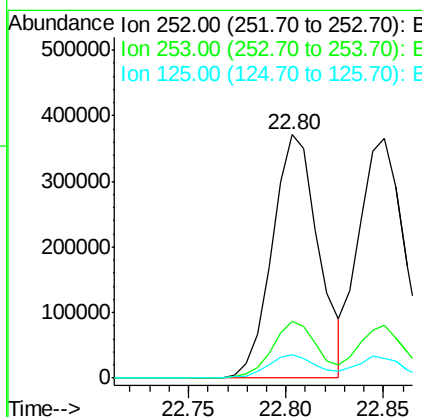
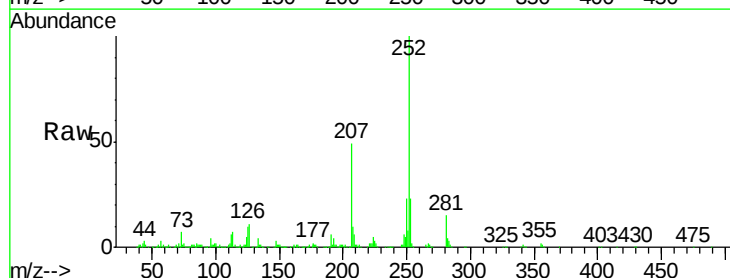
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	21.8	17.8	26.8

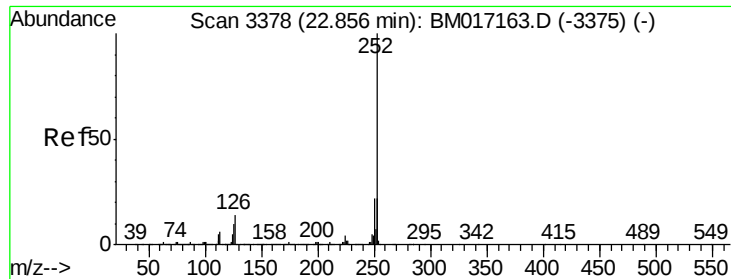


#88
Benzo(b)fluoranthene
Concen: 7.072 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion:252 Resp: 607875

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	9.8	7.5	11.3

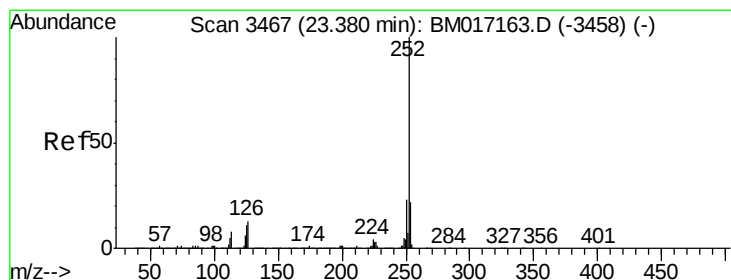
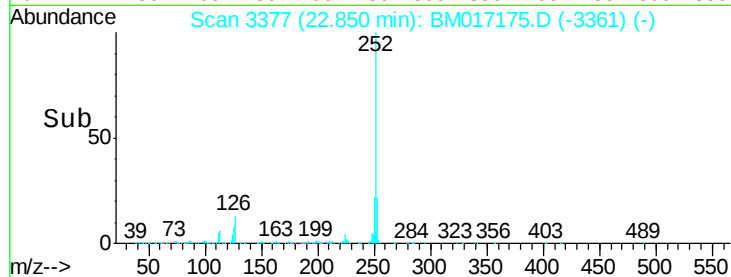
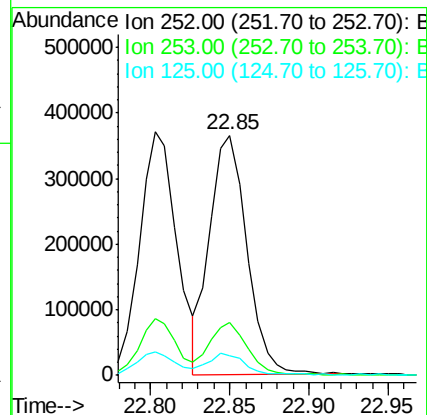
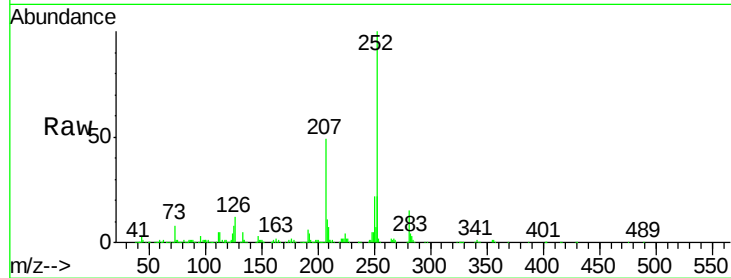




#89
Benzo(k)fluoranthene
Concen: 6.910 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

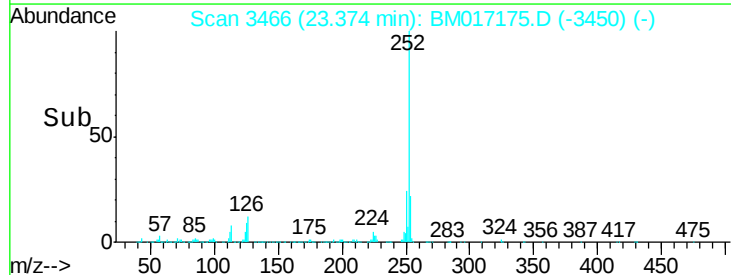
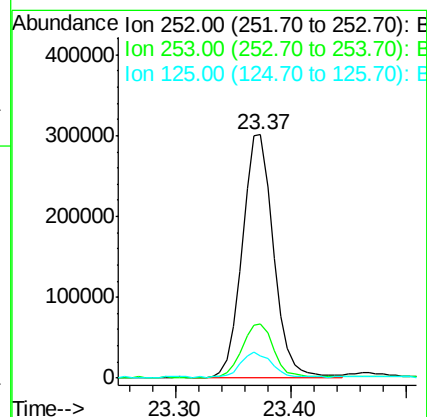
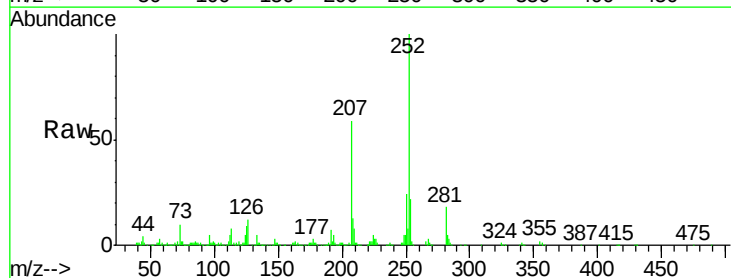
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

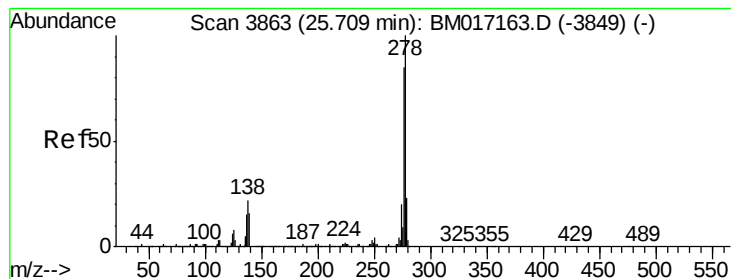
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	8.3	8.2	12.2



#90
Benzo(a)pyrene
Concen: 6.929 ng
RT: 23.37 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM017175.D
Acq: 18 Oct 2018 01:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	9.3	8.6	13.0





#91

Dibenzo(a,h)anthracene

Concen: 7.065 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

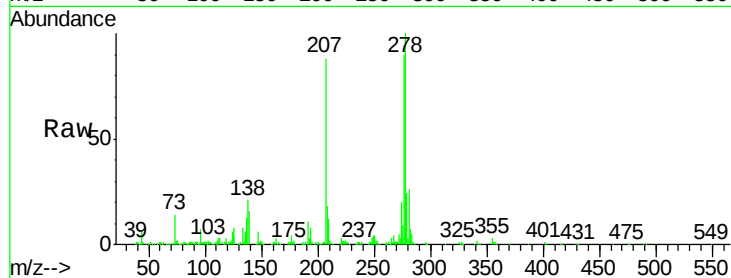
Tgt Ion:278 Resp: 572552

Ion Ratio Lower Upper

278 100

139 15.6 12.7 19.1

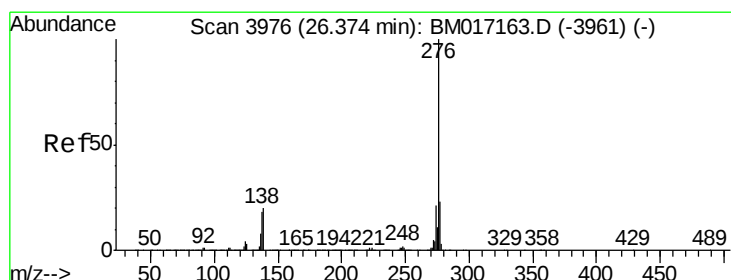
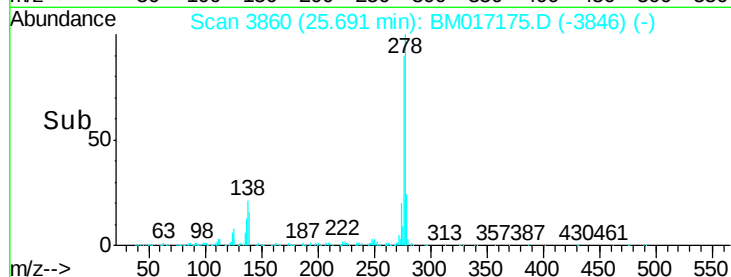
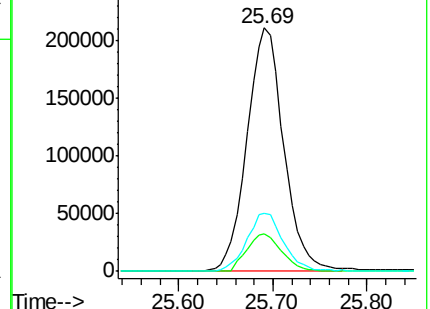
279 23.9 18.7 28.1



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 7.114 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017175.D

Acq: 18 Oct 2018 01:23

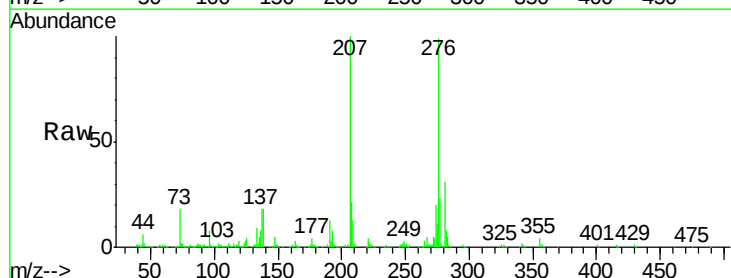
Tgt Ion:276 Resp: 571391

Ion Ratio Lower Upper

276 100

277 23.2 18.6 28.0

138 18.5 16.4 24.6



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

