

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101718\
 Data File : BM017174.D
 Acq On : 18 Oct 2018 00:47
 Operator : MJ/SJ
 Sample : J5164-07
 Misc : LOD 5 PPM
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Oct 18 13:00:40 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	192563	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	791816	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	458477	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1079827	20.00	ng	0.00
76) Chrysene-d12	21.26	240	1285532	20.00	ng	0.00
87) Perylene-d12	23.47	264	1329908	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.29	112	1516586	133.21	ng	0.00
7) Phenol-d6	6.85	99	1994232	128.61	ng	0.00
23) Nitrobenzene-d5	8.82	82	1174484	86.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	865265	139.55	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	2856989	82.91	ng	0.00
79) Terphenyl-d14	19.70	244	4568412	80.10	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.27	88	22527	3.875	ng	# 80
3) Pyridine	3.66	79	64833	4.847	ng	# 80
4) n-Nitrosodimethylamine	3.57	42	28555	5.317	ng	# 72
6) Aniline	7.01	93	62726	3.234	ng	94
8) 2-Chlorophenol	7.24	128	63188	4.797	ng	98
9) Benzaldehyde	6.83	77	50303	5.088	ng	96
10) Phenol	6.87	94	76878	4.607	ng	88
11) bis(2-Chloroethyl)ether	7.11	93	59890	4.502	ng	89
12) 1,3-Dichlorobenzene	7.56	146	70319	4.580	ng	98
13) 1,4-Dichlorobenzene	7.70	146	72542	4.624	ng	97
14) 1,2-Dichlorobenzene	8.02	146	70273	4.649	ng	99
15) Benzyl Alcohol	7.92	79	49927	4.405	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.20	45	80231	4.317	ng	96
17) 2-Methylphenol	8.12	107	48118	4.492	ng	95
18) Hexachloroethane	8.73	117	23926	4.457	ng	97
19) n-Nitroso-di-n-propylamine	8.47	70	42833	4.195	ng	97
20) 3+4-Methylphenols	8.44	107	64087	4.374	ng	94
22) Acetophenone	8.49	105	95236	4.745	ng	# 96
24) Nitrobenzene	8.87	77	76753	5.360	ng	93
25) Isophorone	9.39	82	113543	5.079	ng	95
26) 2-Nitrophenol	9.57	139	23937	8.850	ng	# 92
27) 2,4-Dimethylphenol	9.63	122	53229	5.385	ng	94
28) bis(2-Chloroethoxy)methane	9.87	93	76226	4.844	ng	96
29) 2,4-Dichlorophenol	10.10	162	50906	4.435	ng	97
30) 1,2,4-Trichlorobenzene	10.31	180	66462	4.827	ng	94
31) Naphthalene	10.50	128	195014	5.026	ng	99
33) 4-Chloroaniline	10.62	127	54470	3.250	ng	# 95
34) Hexachlorobutadiene	10.78	225	40461	4.638	ng	94
35) Caprolactam	11.39	113	13676	3.269	ng	96
36) 4-Chloro-3-methylphenol	11.74	107	56003	4.329	ng	96
37) 2-Methylnaphthalene	12.12	142	141000	5.310	ng	93
38) 1-Methylnaphthalene	12.33	142	132114	5.112	ng	# 99
40) 1,2,4,5-Tetrachlorobenzene	12.49	216	74086	4.589	ng	99
41) Hexachlorocyclopentadiene	12.46	237	44081	5.647	ng	92

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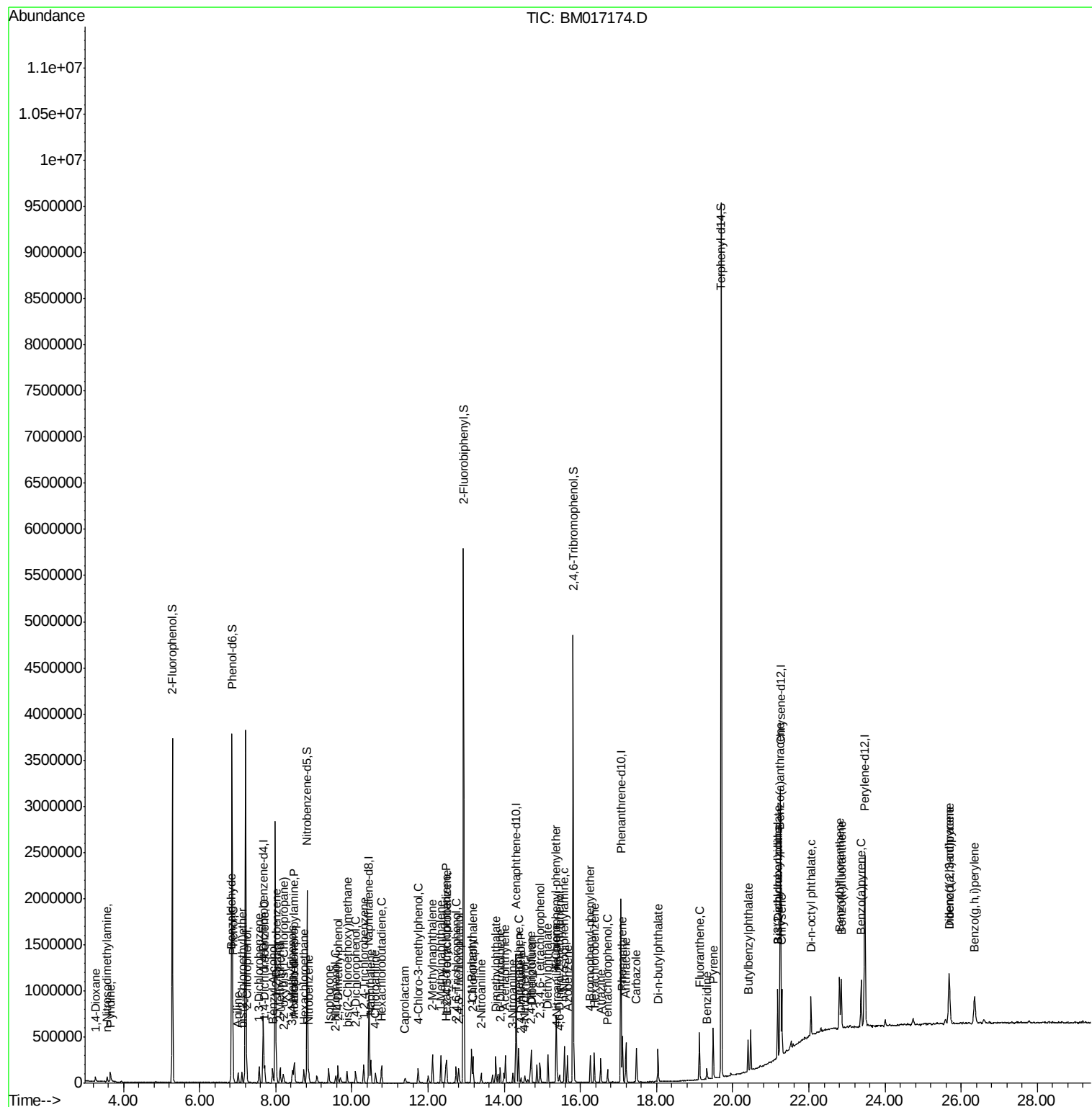
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	12.73	196	41749	4.454	ng	93
44) 2,4,5-Trichlorophenol	12.80	196	45325	4.510	ng	97
46) 1,1'-Biphenyl	13.14	154	184612	4.475	ng	98
47) 2-Chloronaphthalene	13.18	162	139808	4.606	ng	96
48) 2-Nitroaniline	13.39	65	29926	8.764	ng	93
49) Acenaphthylene	14.03	152	212783	4.836	ng	98
50) Dimethylphthalate	13.77	163	174817	4.942	ng	99
51) 2,6-Dinitrotoluene	13.89	165	30208	3.880	ng	# 87
52) Acenaphthene	14.37	154	132974	4.814	ng	98
53) 3-Nitroaniline	14.23	138	25595	3.036	ng	99
54) 2,4-Dinitrophenol	14.44	184	12875	10.755	ng	93
55) Dibenzofuran	14.72	168	220496	4.800	ng	97
56) 4-Nitrophenol	14.54	139	21946	7.404	ng	81
57) 2,4-Dinitrotoluene	14.69	165	38651	3.694	ng	94
58) Fluorene	15.36	166	173711	5.109	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.94	232	43421	4.739	ng	96
60) Diethylphthalate	15.14	149	169714	4.838	ng	99
61) 4-Chlorophenyl-phenylether	15.36	204	90644	4.676	ng	92
62) 4-Nitroaniline	15.39	138	28594	7.493	ng	88
63) Azobenzene	15.66	77	151340	4.439	ng	96
65) 4,6-Dinitro-2-methylphenol	15.45	198	18750	9.312	ng	89
66) n-Nitrosodiphenylamine	15.58	169	147309	4.509	ng	98
67) 4-Bromophenyl-phenylether	16.26	248	54707	4.614	ng	91
68) Hexachlorobenzene	16.36	284	63918	4.641	ng	97
69) Atrazine	16.54	200	48795	4.173	ng	97
70) Pentachlorophenol	16.72	266	27435	2.908	ng	92
71) Phenanthrene	17.10	178	296146	5.083	ng	98
72) Anthracene	17.20	178	271103	4.897	ng	99
73) Carbazole	17.47	167	242271	4.284	ng	99
74) Di-n-butylphthalate	18.04	149	244584	4.101	ng	99
75) Fluoranthene	19.13	202	332131	5.066	ng	98
77) Benzidine	19.32	184	73999	2.270	ng	98
78) Pyrene	19.49	202	344013	4.788	ng	99
80) Butylbenzylphthalate	20.40	149	96376	10.174	ng	92
81) Benzo(a)anthracene	21.24	228	362465	5.010	ng	99
82) 3,3'-Dichlorobenzidine	21.18	252	78632	2.916	ng	98
83) Chrysene	21.29	228	354658	4.953	ng	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	150927	8.517	ng	97
85) Di-n-octyl phthalate	22.06	149	251387	8.707	ng	# 98
86) Indeno(1,2,3-cd)pyrene	25.68	276	409141	5.109	ng	98
88) Benzo(b)fluoranthene	22.80	252	361649	4.974	ng	99
89) Benzo(k)fluoranthene	22.85	252	358045	4.907	ng	98
90) Benzo(a)pyrene	23.37	252	344254	4.987	ng	98
91) Dibenzo(a,h)anthracene	25.69	278	343901	5.017	ng	96
92) Benzo(g,h,i)perylene	26.35	276	352230	5.184	ng	98

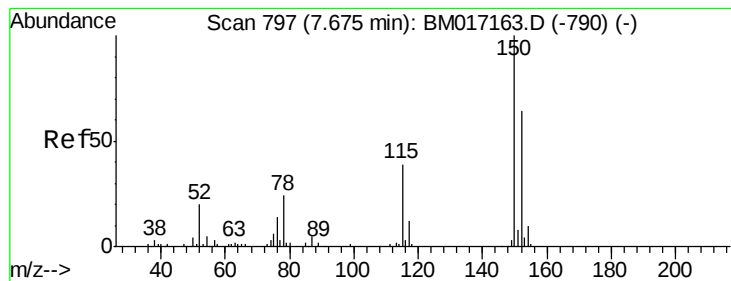
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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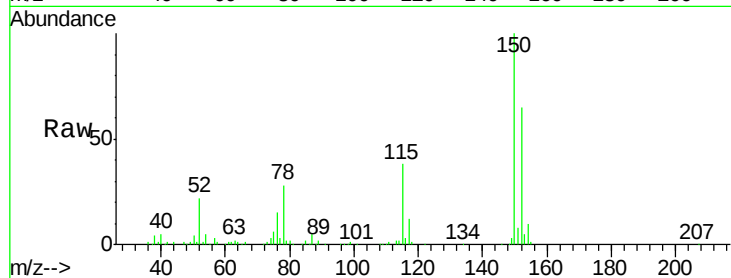


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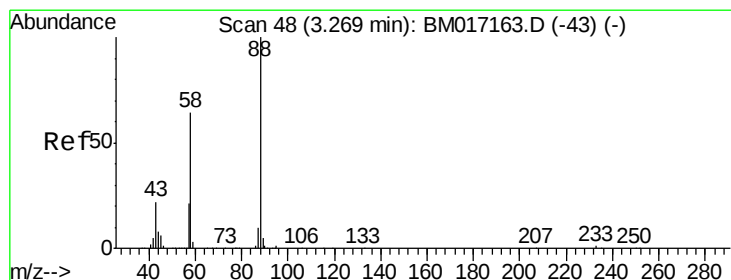
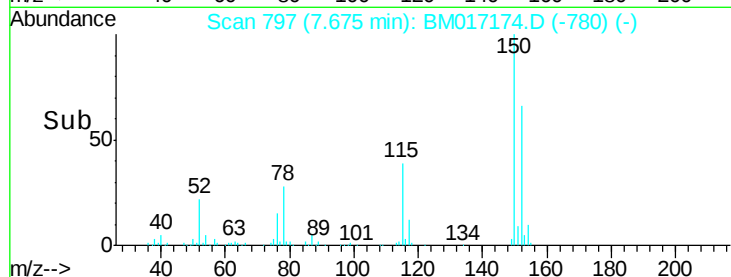
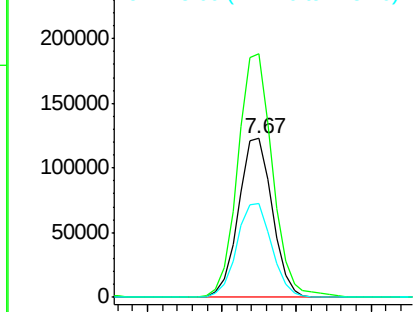
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 797
Delta R.T. -0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion:152 Resp: 192563
Ion Ratio Lower Upper
152 100
150 153.3 124.3 186.5
115 59.0 48.1 72.1



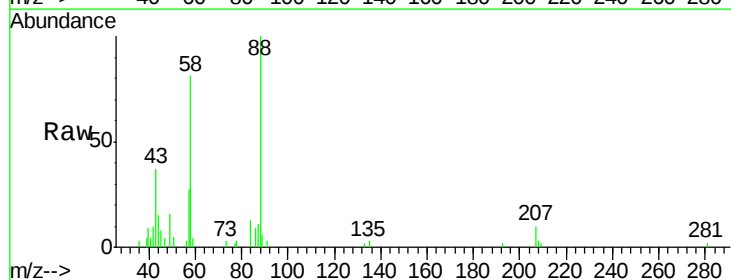
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



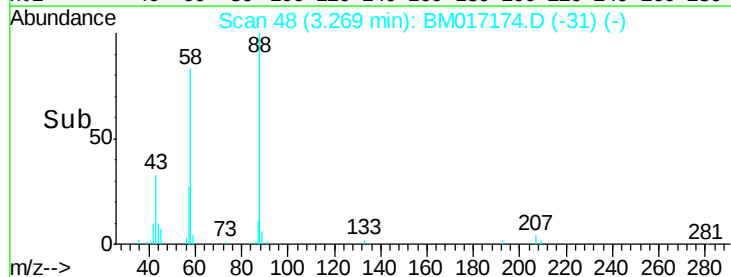
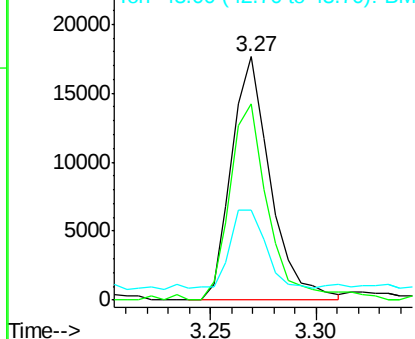
#2

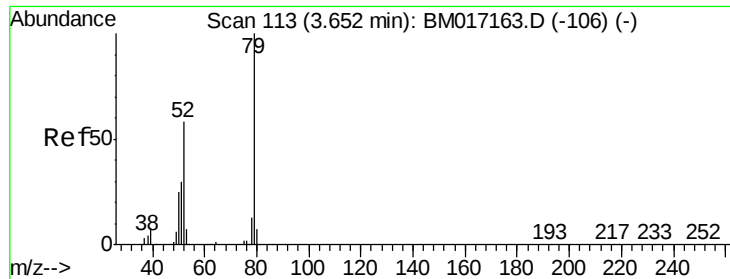
1,4-Dioxane
Concen: 3.875 ng
RT: 3.27 min Scan# 48
Delta R.T. -0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 88 Resp: 22527
Ion Ratio Lower Upper
88 100
58 81.0 50.2 75.4#
43 29.7 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: 4.847 ng

RT: 3.66 min Scan# 114

Delta R.T. 0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

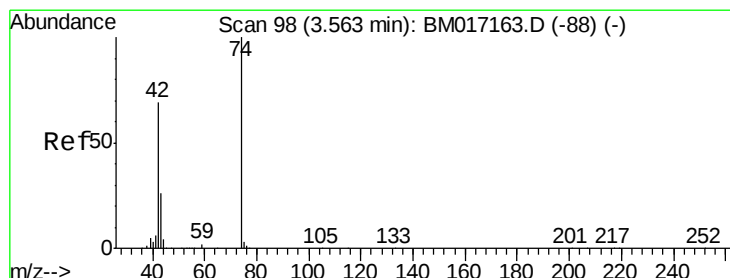
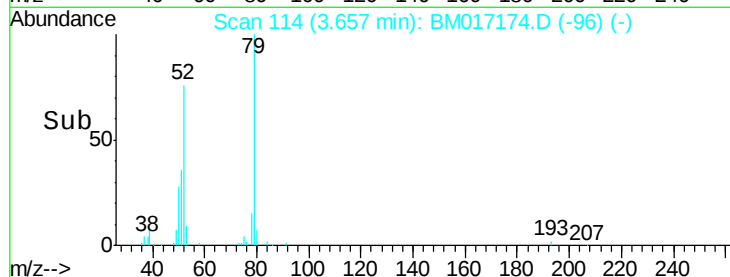
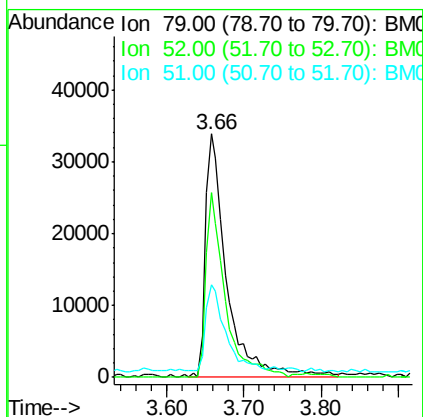
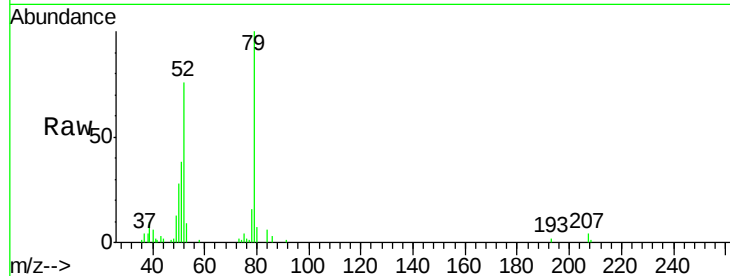
Instrument :

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Tgt Ion:	79	Resp:	64833
Ion	Ratio	Lower	Upper
79	100		
52	76.1	46.5	69.7#
51	38.1	24.6	37.0#



#4

n-Nitrosodimethylamine

Concen: 5.317 ng

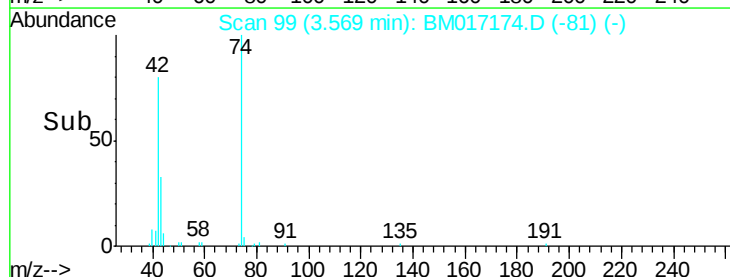
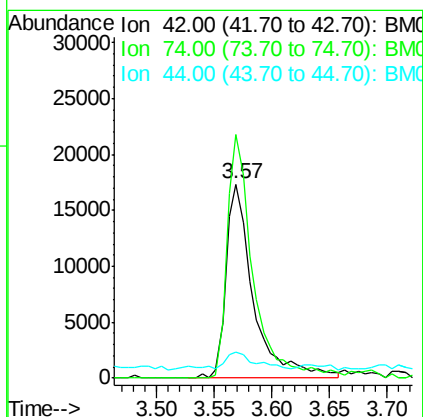
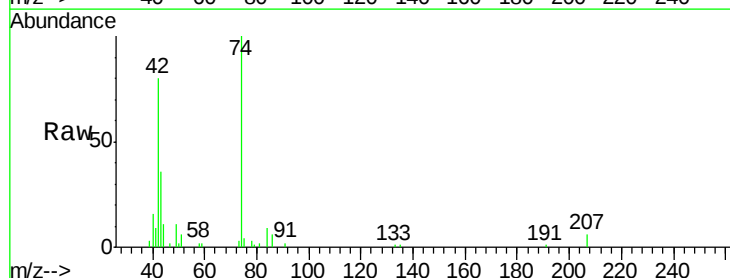
RT: 3.57 min Scan# 99

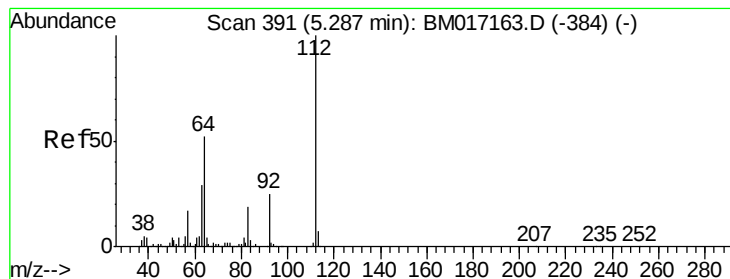
Delta R.T. 0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Tgt Ion:	42	Resp:	28555
Ion	Ratio	Lower	Upper
42	100		
74	125.6	114.4	171.6
44	13.6	48.6	73.0#





#5

2-Fluorophenol

Concen: 133.206 ng

RT: 5.29 min Scan# 391

Delta R.T. 0.00 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

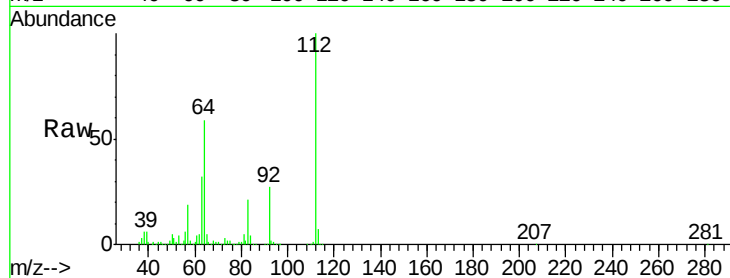
Tgt Ion: 112 Resp: 1516586

Ion Ratio Lower Upper

112 100

64 58.8 41.7 62.5

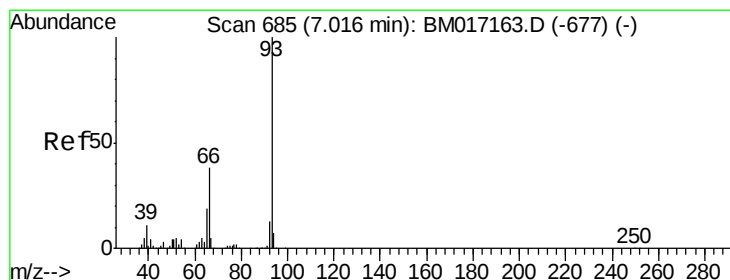
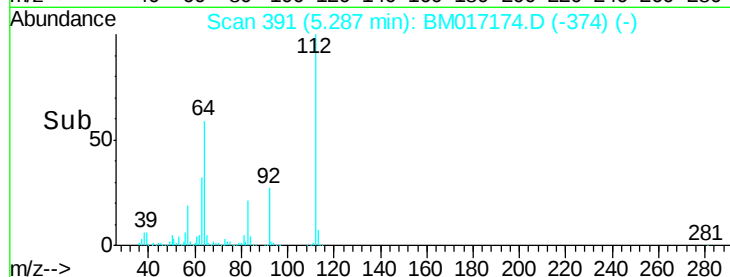
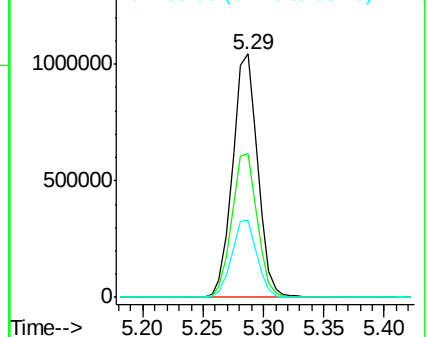
63 31.8 23.0 34.4



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: 3.234 ng

RT: 7.01 min Scan# 684

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

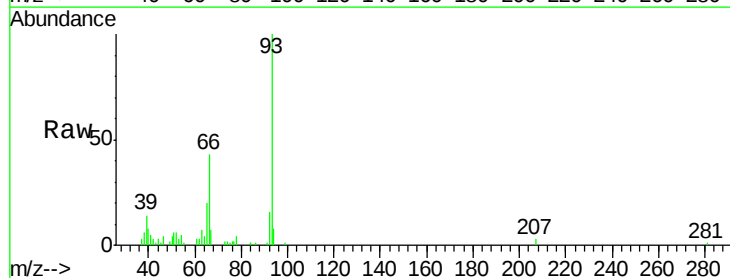
Tgt Ion: 93 Resp: 62726

Ion Ratio Lower Upper

93 100

66 42.7 30.4 45.6

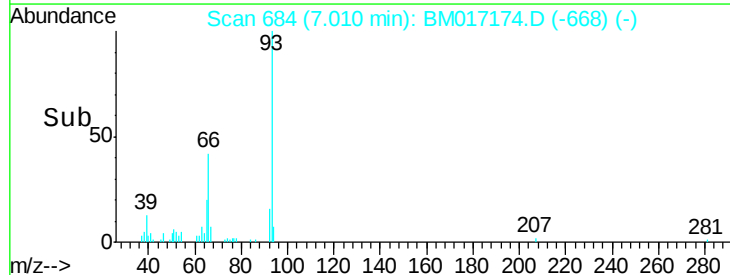
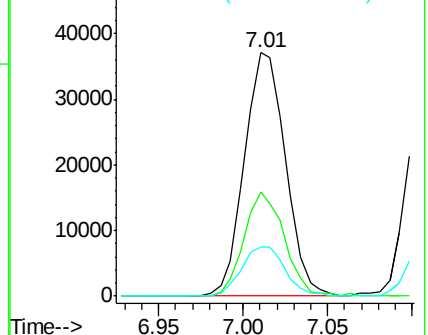
65 20.3 15.3 22.9

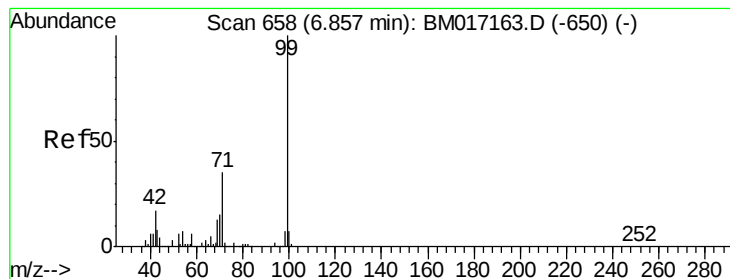


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.610 ng

RT: 6.85 min Scan# 657

Delta R.T. -0.01 min

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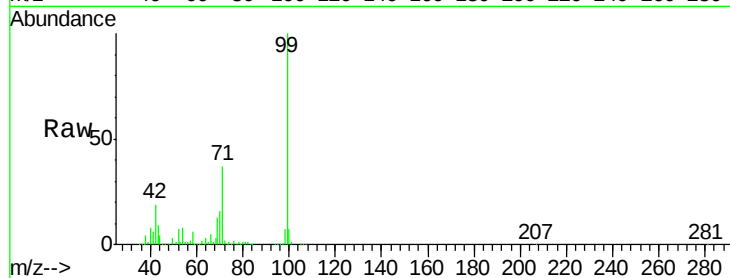
Tgt Ion: 99 Resp: 1994232

Ion Ratio Lower Upper

99 100

42 18.6 13.3 19.9

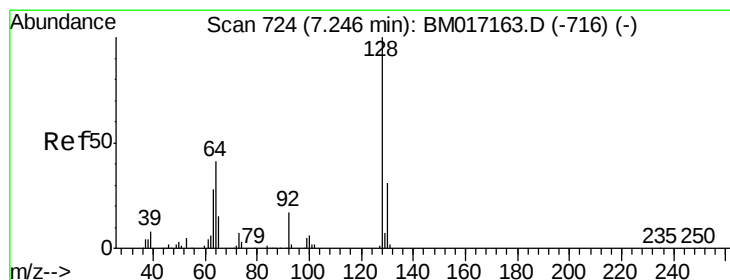
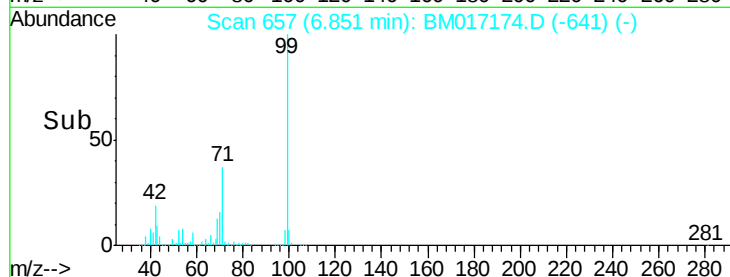
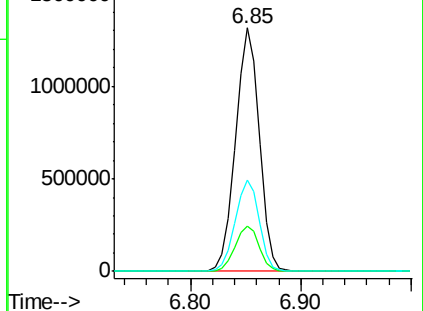
71 37.4 28.0 42.0



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: 4.797 ng

RT: 7.24 min Scan# 723

Delta R.T. -0.01 min

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Acq: 18 Oct 2018 00:47

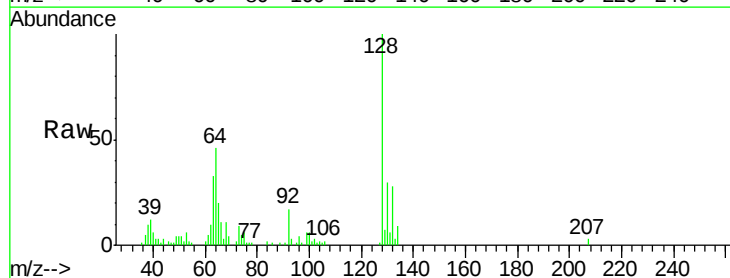
Tgt Ion: 128 Resp: 63188

Ion Ratio Lower Upper

128 100

130 30.2 11.0 51.0

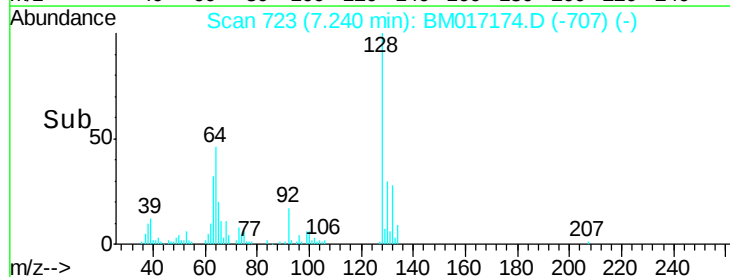
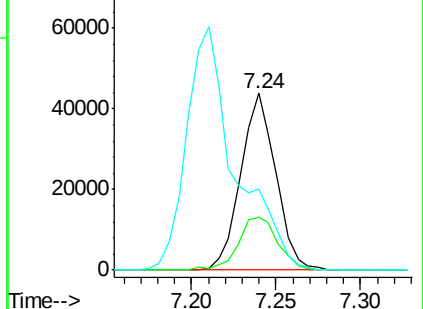
64 46.0 24.1 64.1

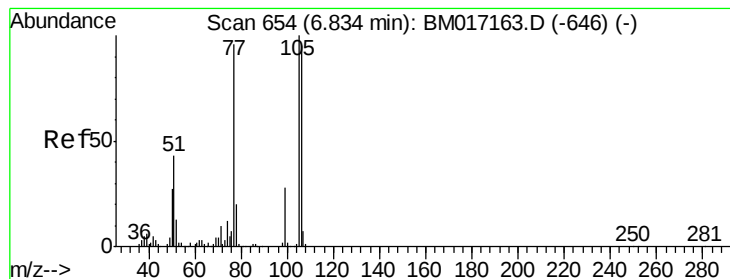


Abundance Ion 128.00 (127.70 to 128.70): BM017163.D (-716) (-)

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: 5.088 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

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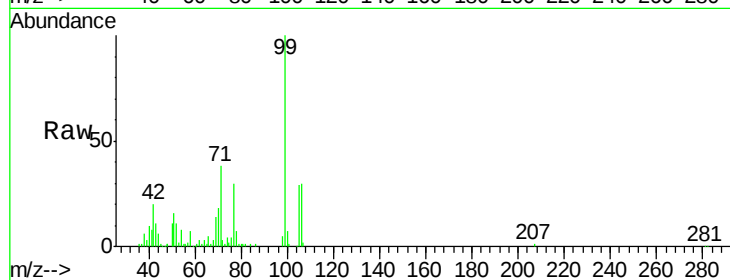
Tgt Ion: 77 Resp: 50303

Ion Ratio Lower Upper

77 100

105 96.9 83.9 123.9

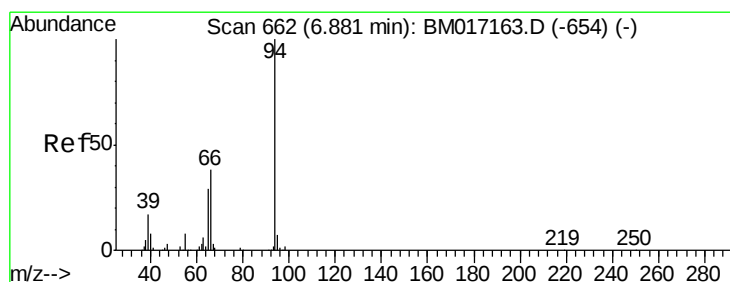
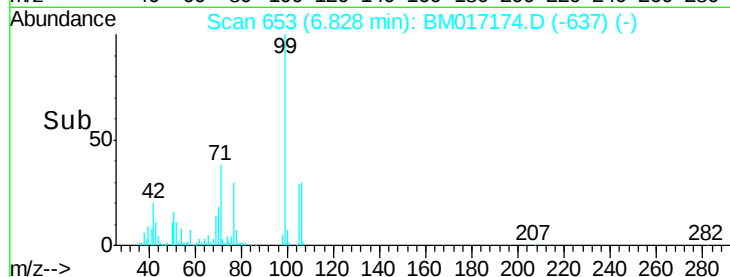
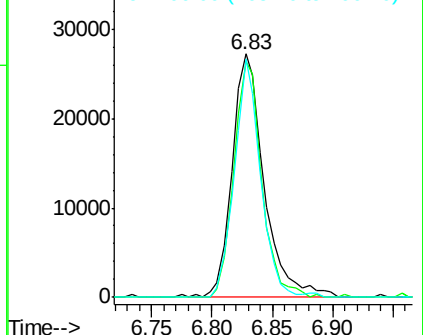
106 97.7 78.2 118.2



Abundance Ion 77.00 (76.70 to 77.70): BM017174.D (-637) (-)

Ion 105.00 (104.70 to 105.70): BM017174.D (-637) (-)

Ion 106.00 (105.70 to 106.70): BM017174.D (-637) (-)



#10

Phenol

Concen: 4.607 ng

RT: 6.87 min Scan# 661

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

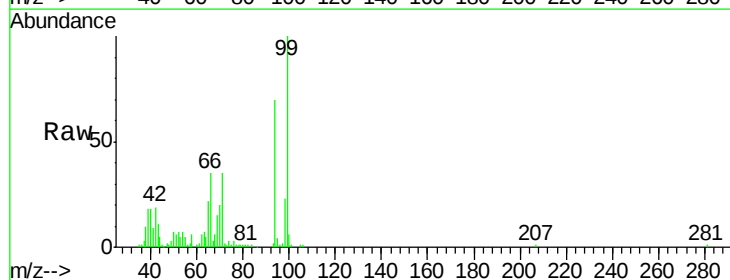
Tgt Ion: 94 Resp: 76878

Ion Ratio Lower Upper

94 100

65 32.1 9.4 49.4

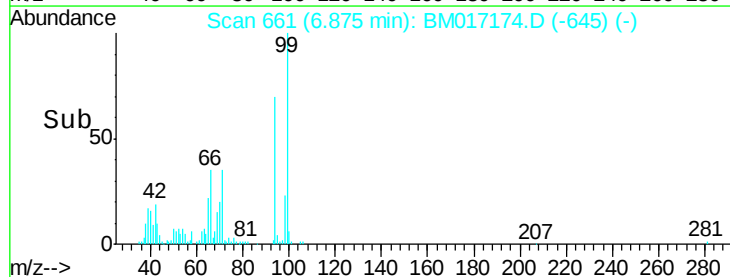
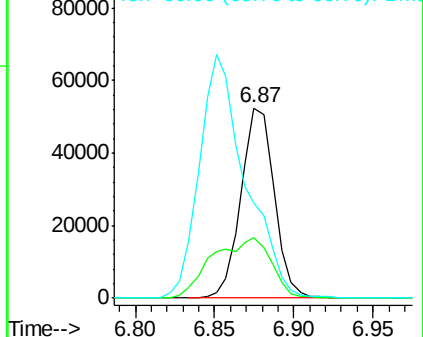
66 49.8 19.0 59.0

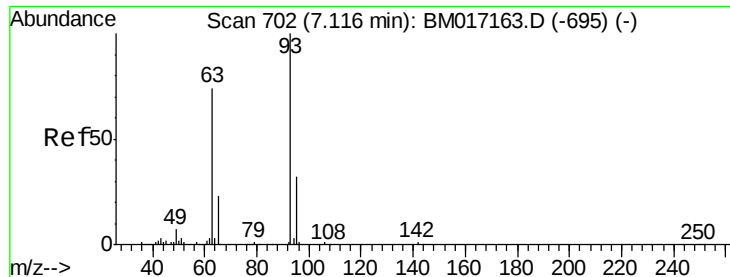


Abundance Ion 94.00 (93.70 to 94.70): BM017174.D (-645) (-)

Ion 65.00 (64.70 to 65.70): BM017174.D (-645) (-)

Ion 66.00 (65.70 to 66.70): BM017174.D (-645) (-)

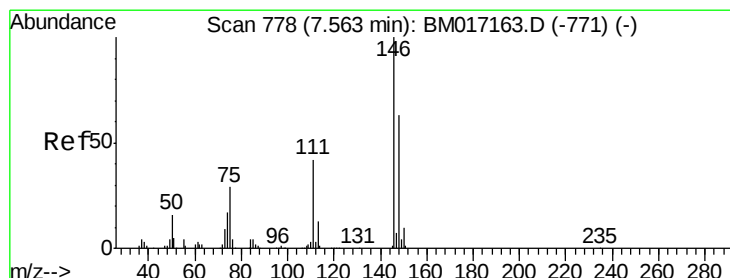
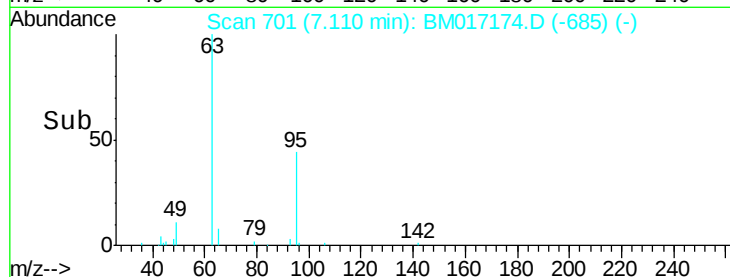
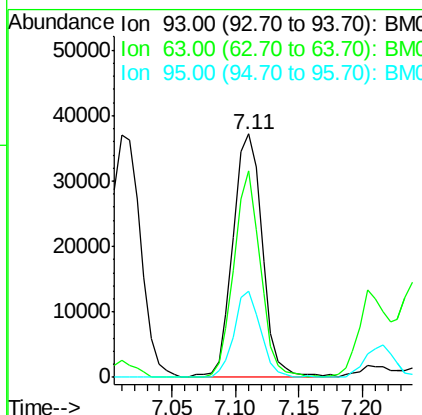
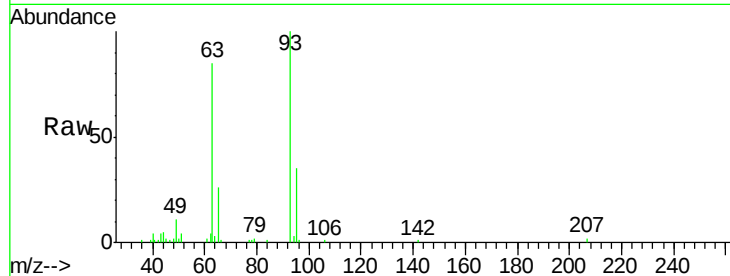




#11
bis(2-Chloroethyl)ether
Concen: 4.502 ng
RT: 7.11 min Scan# 701
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

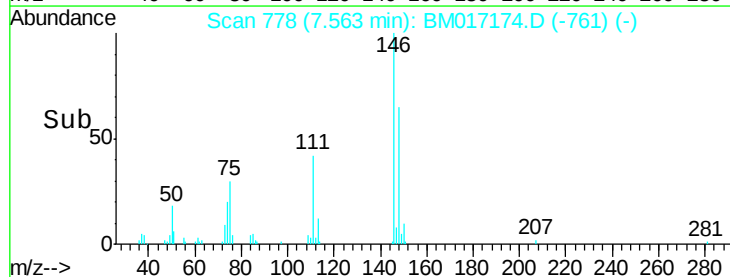
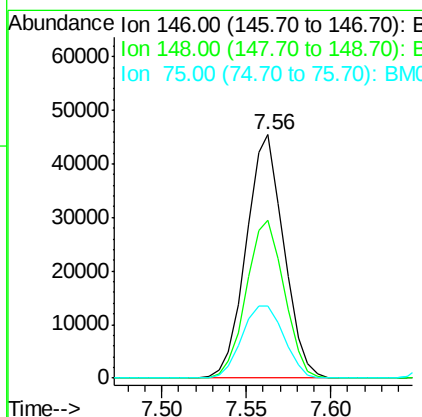
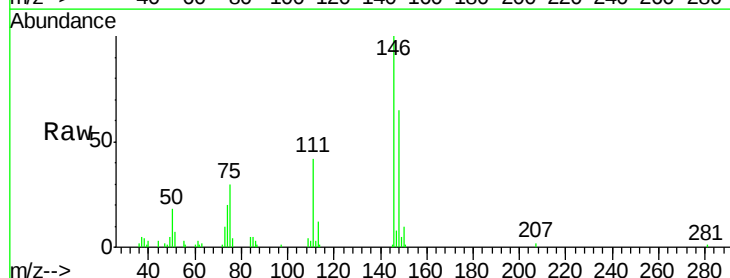
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 93 Resp: 59890
Ion Ratio Lower Upper
93 100
63 84.9 54.0 94.0
95 35.4 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 4.580 ng
RT: 7.56 min Scan# 778
Delta R.T. -0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 146 Resp: 70319
Ion Ratio Lower Upper
146 100
148 64.8 50.2 75.4
75 29.8 23.3 34.9





#13

1,4-Dichlorobenzene

Concen: 4.624 ng

RT: 7.70 min Scan# 802

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

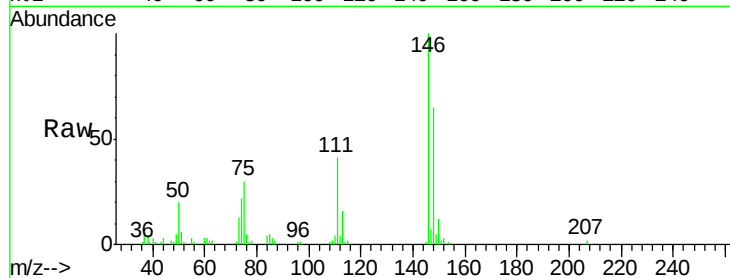
Tgt Ion:146 Resp: 72542

Ion Ratio Lower Upper

146 100

148 64.8 49.8 74.6

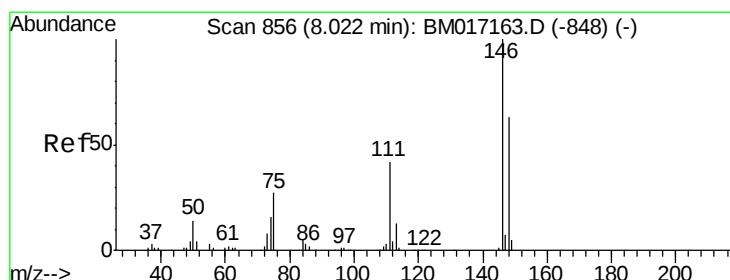
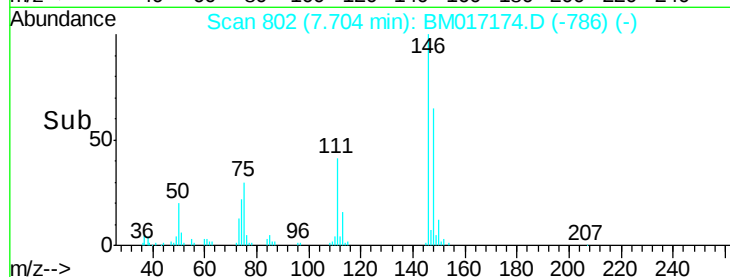
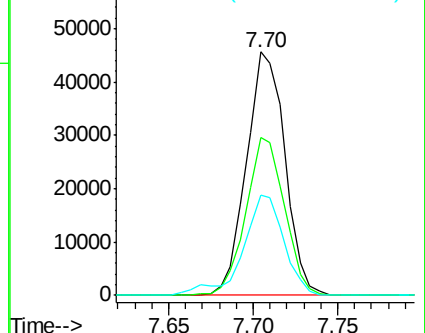
111 41.1 32.1 48.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 4.649 ng

RT: 8.02 min Scan# 855

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

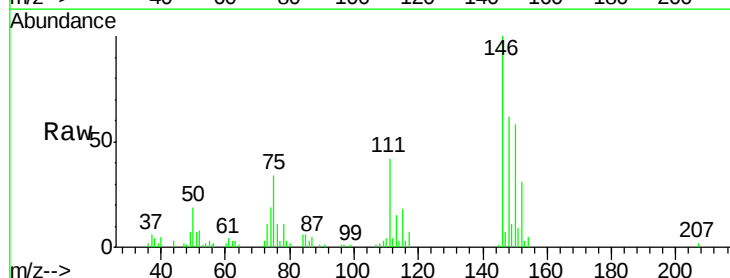
Tgt Ion:146 Resp: 70273

Ion Ratio Lower Upper

146 100

148 62.4 50.8 76.2

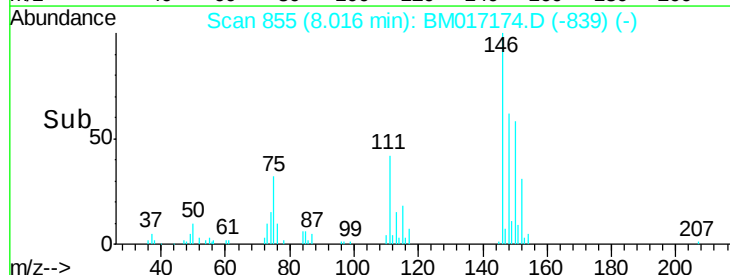
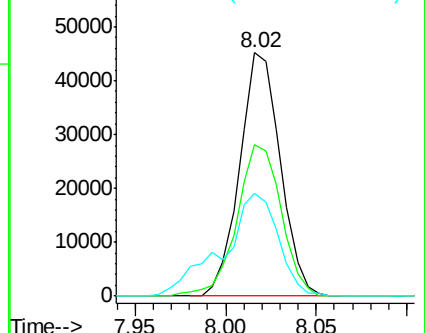
111 42.1 33.8 50.6

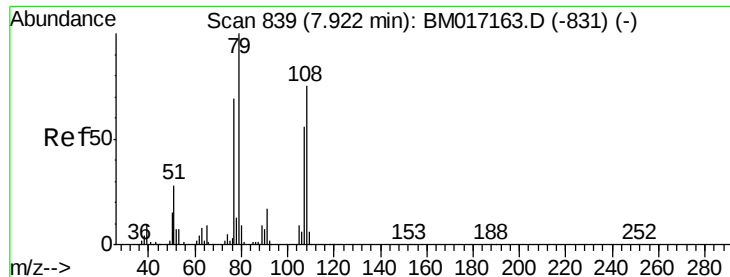


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.405 ng

RT: 7.92 min Scan# 838

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

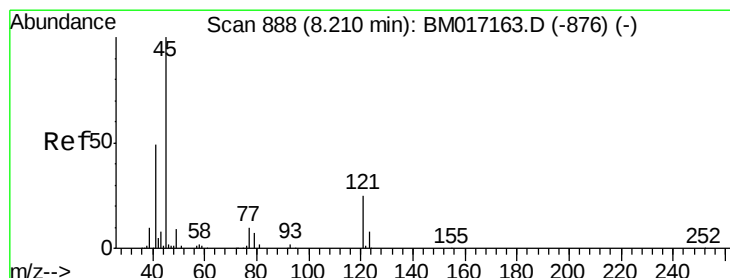
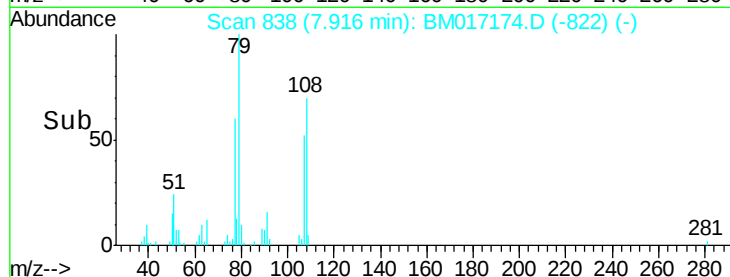
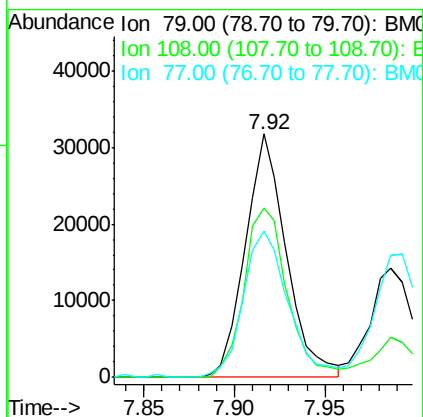
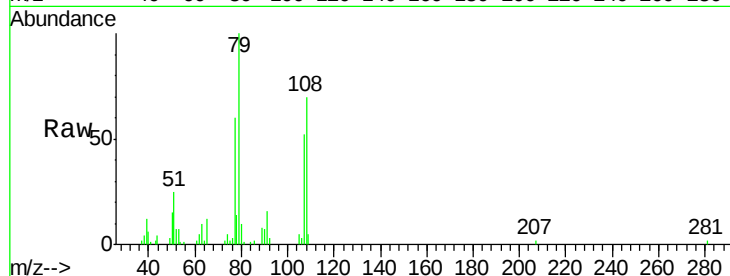
Tgt Ion: 79 Resp: 49927

Ion Ratio Lower Upper

79 100

108 69.8 60.3 90.5

77 60.2 54.8 82.2



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.317 ng

RT: 8.20 min Scan# 887

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

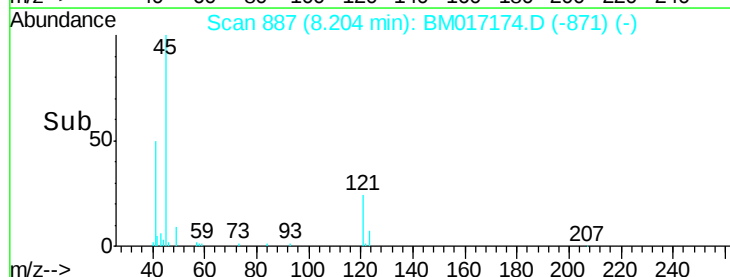
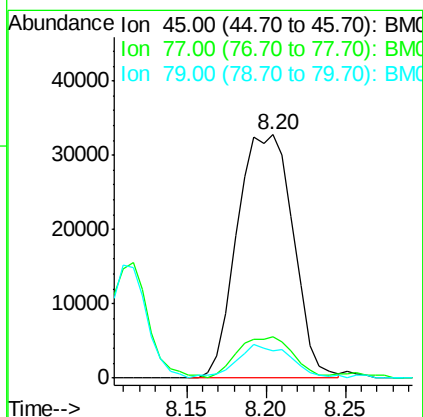
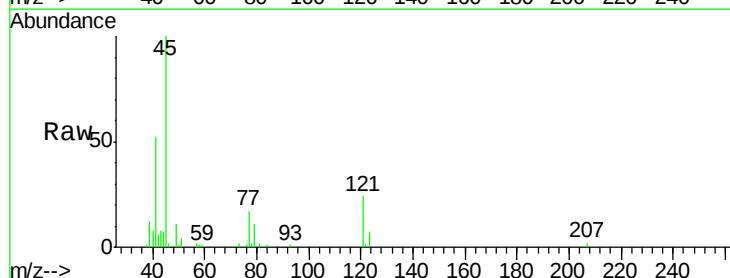
Tgt Ion: 45 Resp: 80231

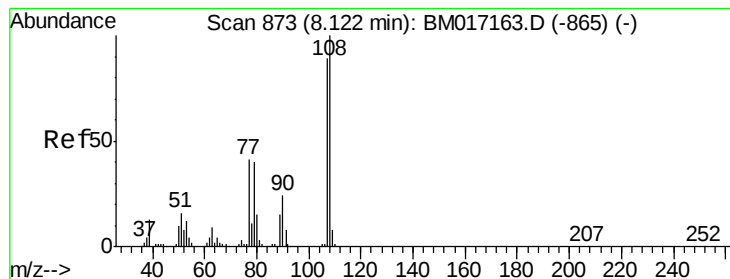
Ion Ratio Lower Upper

45 100

77 17.2 0.0 35.5

79 11.0 0.0 32.1





#17

2-Methylphenol

Concen: 4.492 ng

RT: 8.12 min Scan# 872

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:107 Resp: 48118

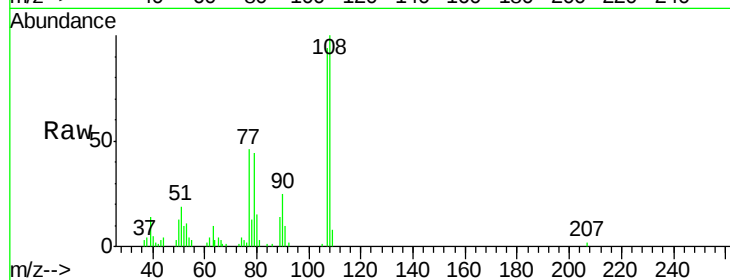
Ion Ratio Lower Upper

107 100

108 106.6 90.3 135.5

77 49.2 37.0 55.4

79 47.2 35.8 53.6

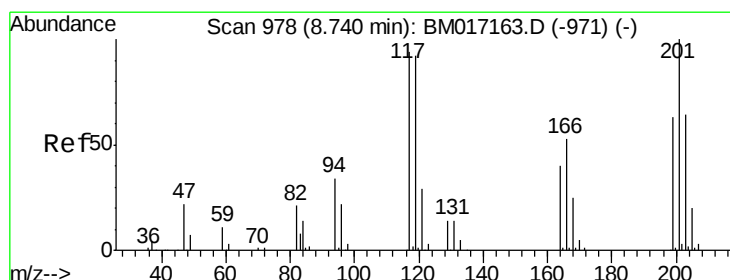
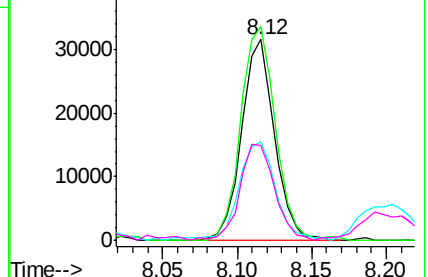
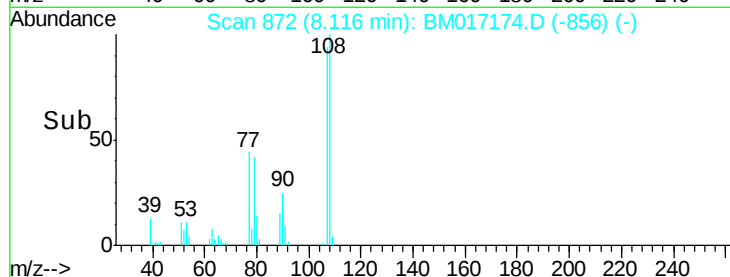


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.457 ng

RT: 8.73 min Scan# 977

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

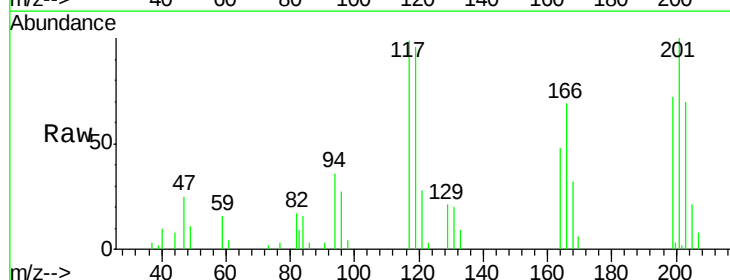
Tgt Ion:117 Resp: 23926

Ion Ratio Lower Upper

117 100

119 97.1 78.2 117.2

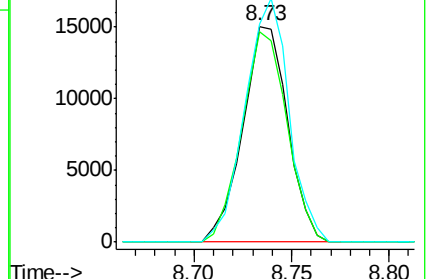
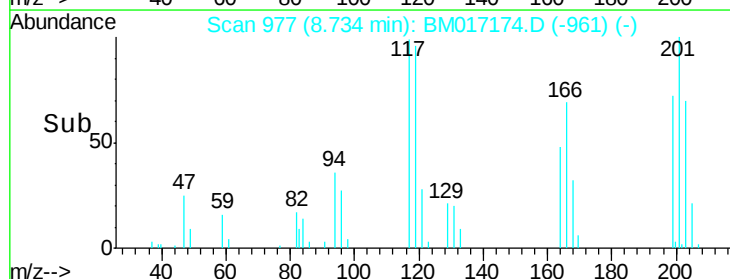
201 101.0 85.3 127.9

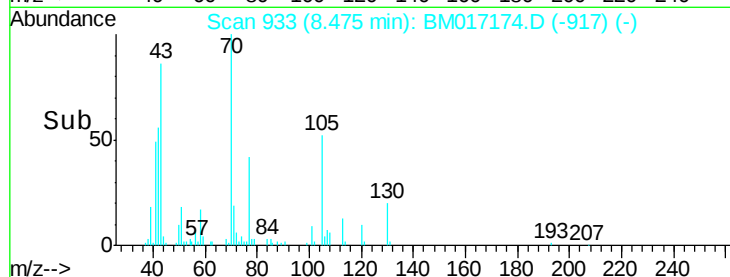
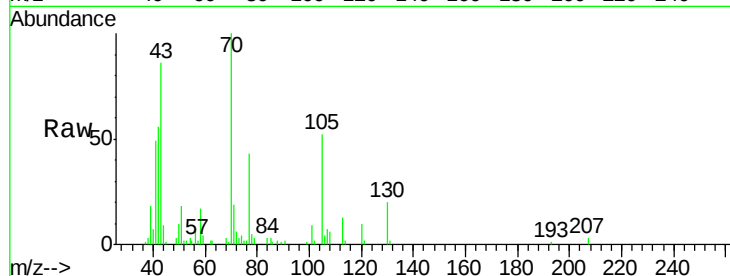
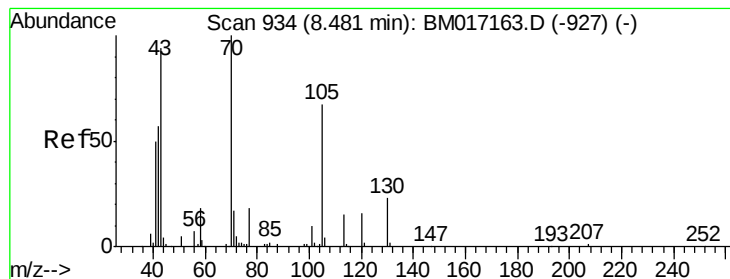


Abundance Ion 117.00 (116.70 to 117.70): E

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: 4.195 ng

RT: 8.47 min Scan# 933

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion: 70 Resp: 42833

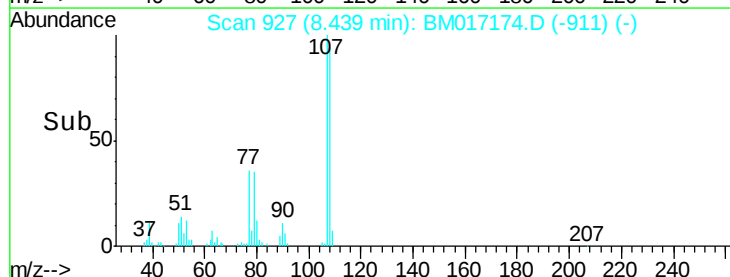
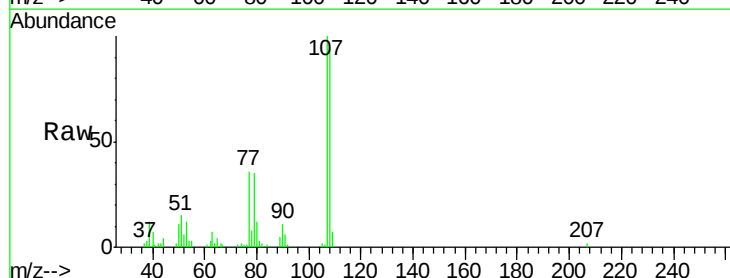
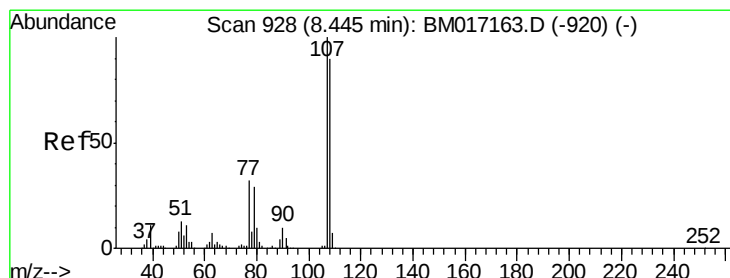
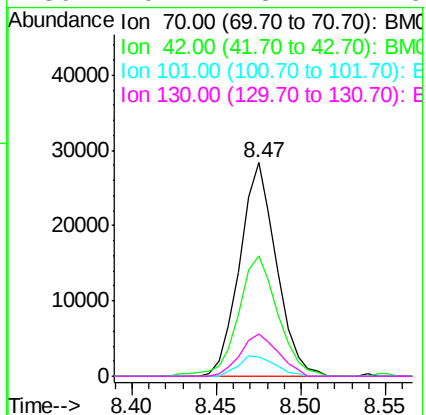
Ion Ratio Lower Upper

70 100

42 56.3 46.1 69.1

101 9.2 8.2 12.4

130 19.7 18.4 27.6



#20

3+4-Methylphenols

Concen: 4.374 ng

RT: 8.44 min Scan# 927

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Tgt Ion: 107 Resp: 64087

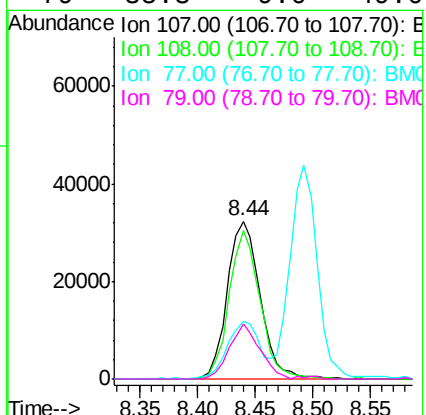
Ion Ratio Lower Upper

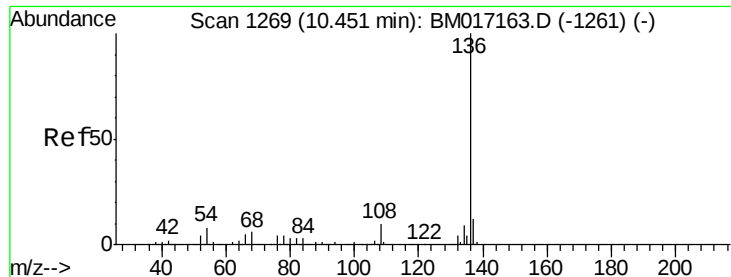
107 100

108 94.0 69.9 109.9

77 36.5 12.2 52.2

79 35.3 9.0 49.0

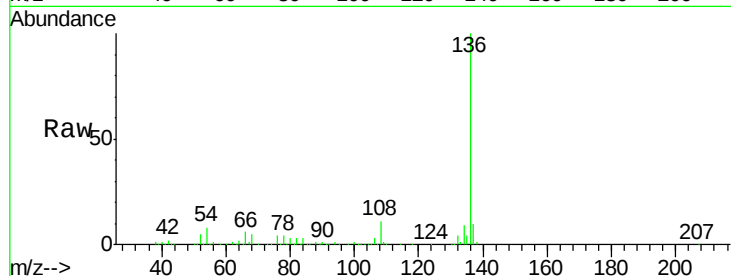




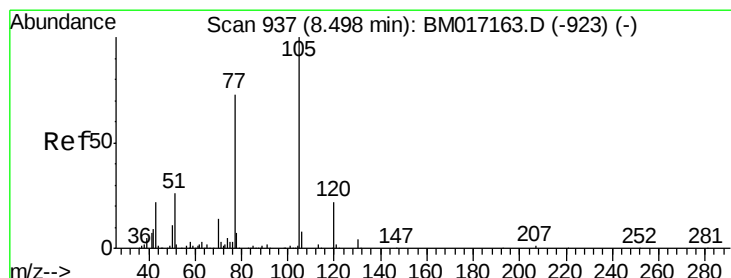
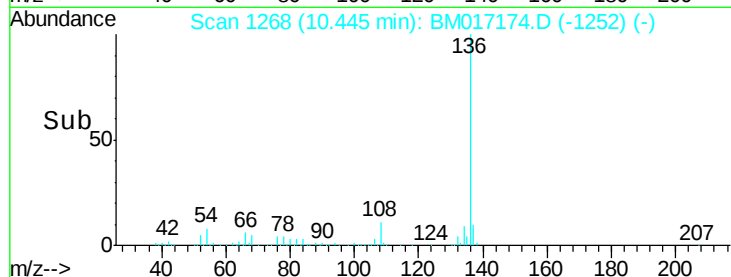
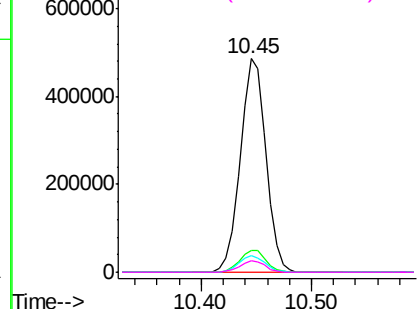
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion:	136	Resp:	791816
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.2	13.8
54	7.9	6.7	10.1
68	5.3	4.7	7.1

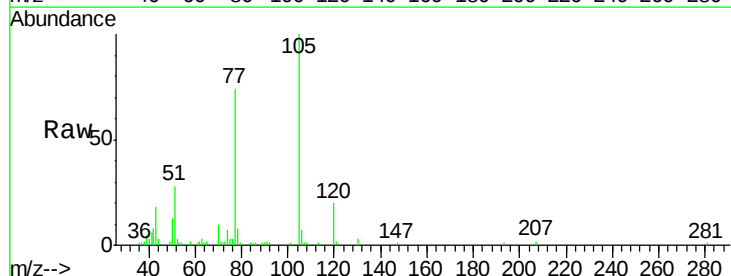


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

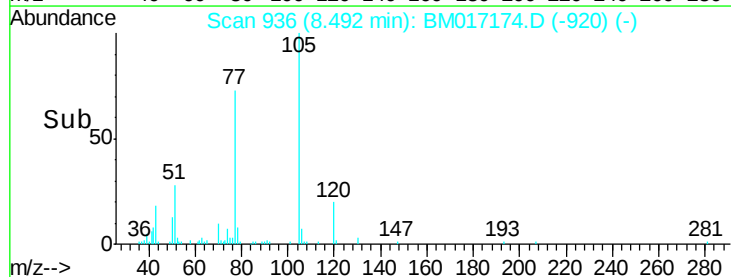
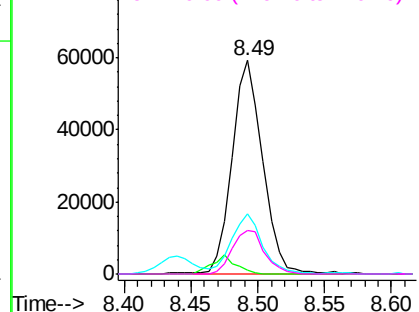


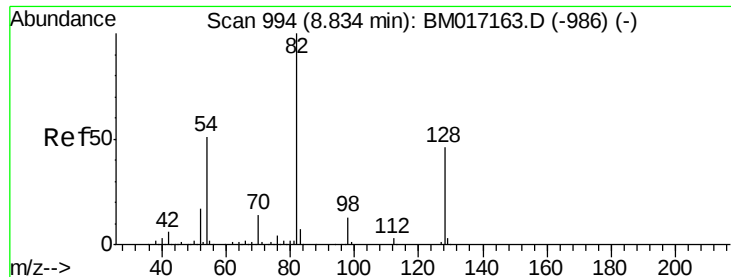
#22
Acetophenone
Concen: 4.745 ng
RT: 8.49 min Scan# 936
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:	105	Resp:	95236
Ion	Ratio	Lower	Upper
105	100		
71	1.9	2.0	3.0#
51	27.9	20.6	31.0
120	20.2	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

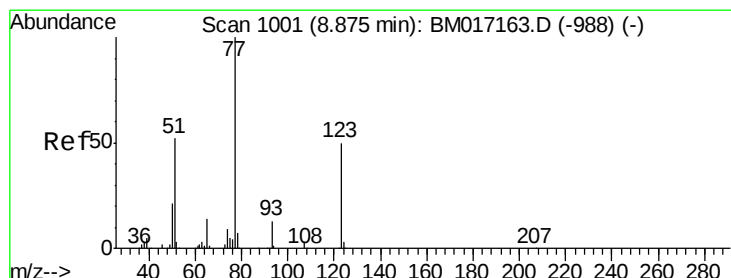
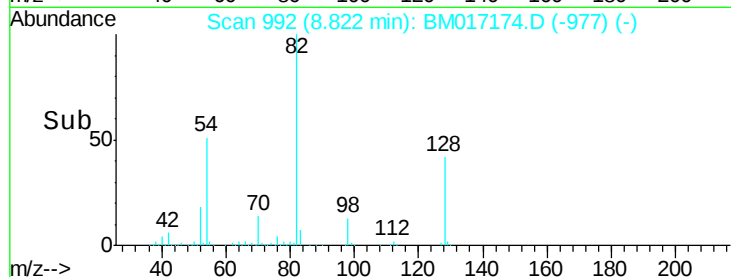
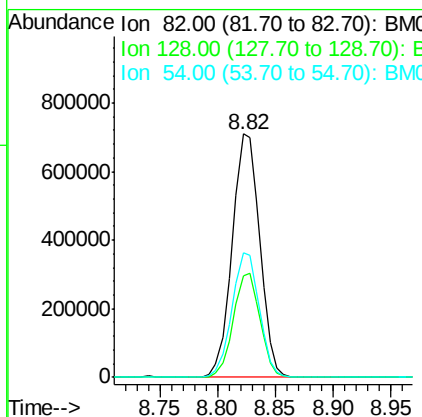
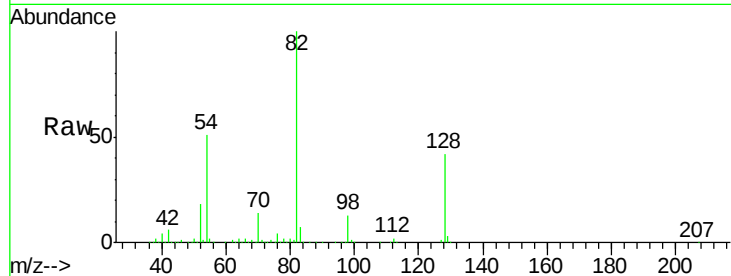




#23
 Nitrobenzene-d5
 Concen: 86.751 ng
 RT: 8.82 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

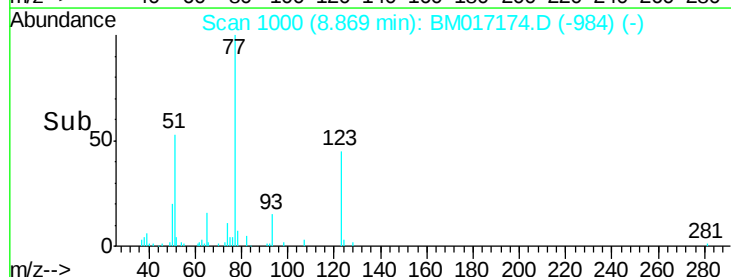
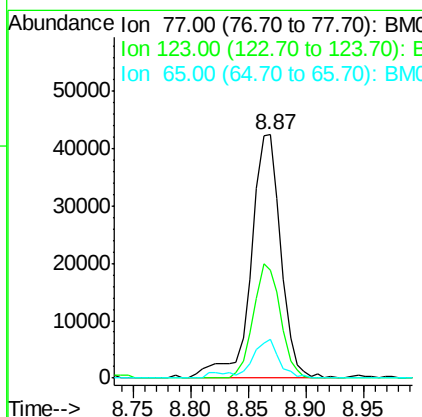
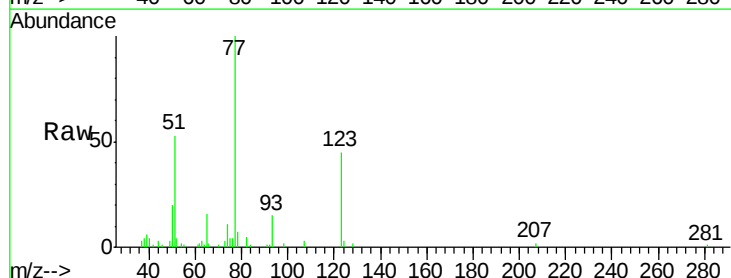
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

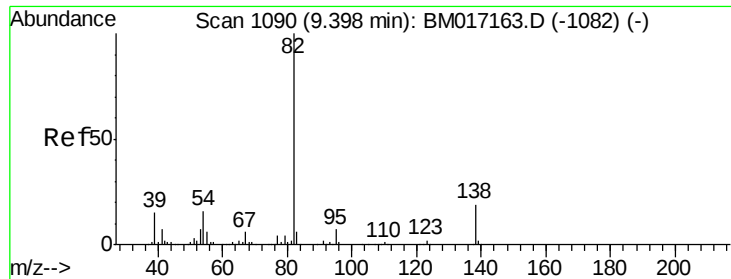
Tgt Ion: 82 Resp: 1174484
 Ion Ratio Lower Upper
 82 100
 128 41.6 37.0 55.6
 54 51.3 40.7 61.1



#24
 Nitrobenzene
 Concen: 5.360 ng
 RT: 8.87 min Scan# 1000
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion: 77 Resp: 76753
 Ion Ratio Lower Upper
 77 100
 123 44.6 40.2 60.4
 65 16.1 11.4 17.0

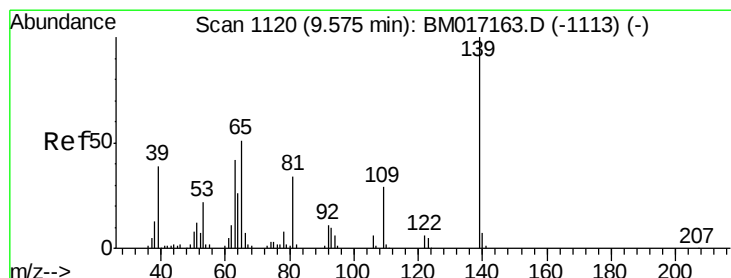
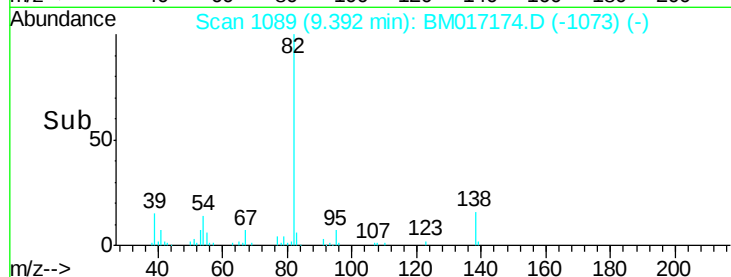
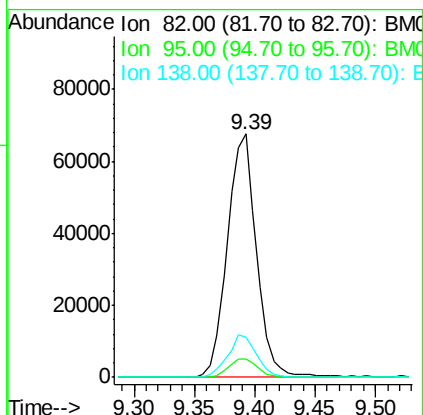
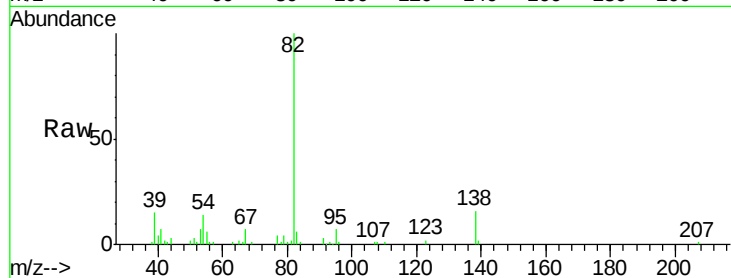




#25
Isophorone
Concen: 5.079 ng
RT: 9.39 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

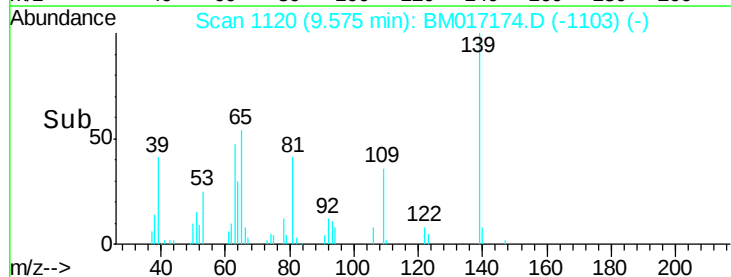
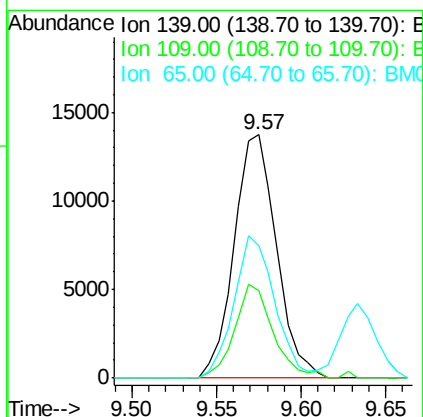
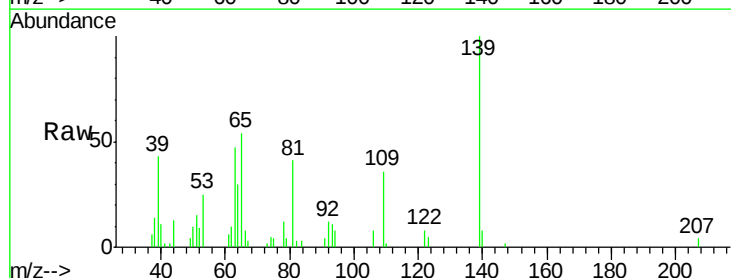
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

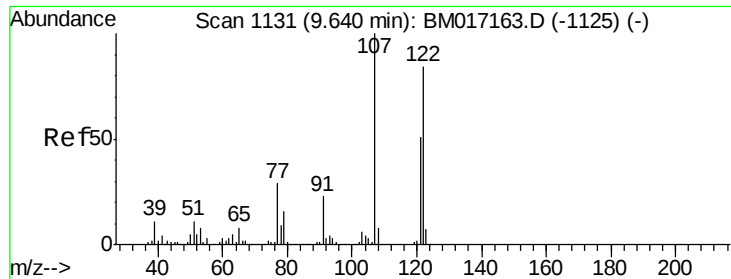
Tgt Ion: 82 Resp: 113543
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 16.4 15.4 23.2



#26
2-Nitrophenol
Concen: 8.850 ng
RT: 9.57 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 139 Resp: 23937
Ion Ratio Lower Upper
139 100
109 35.8 23.2 34.8#
65 54.1 40.6 61.0

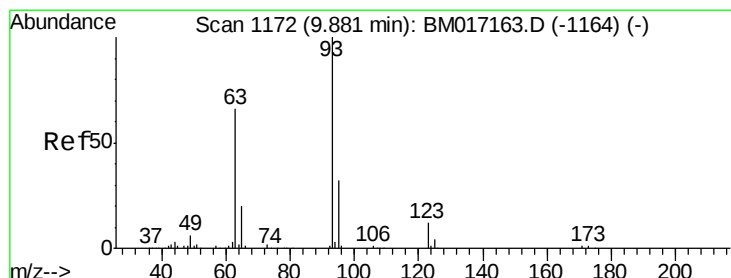
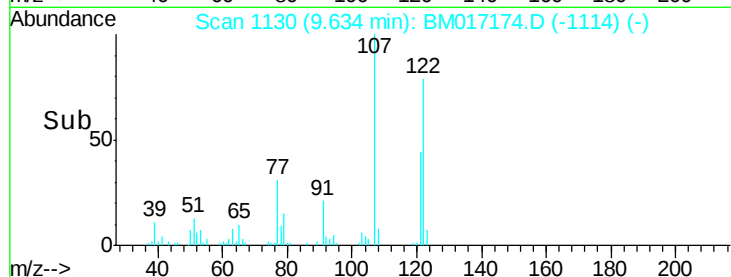
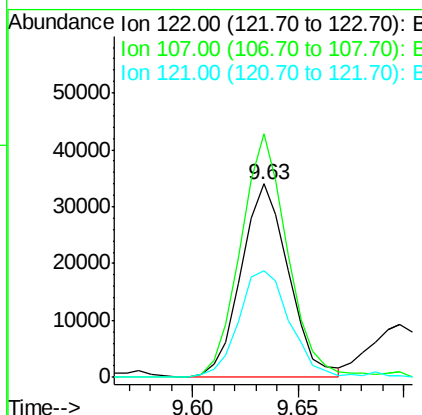
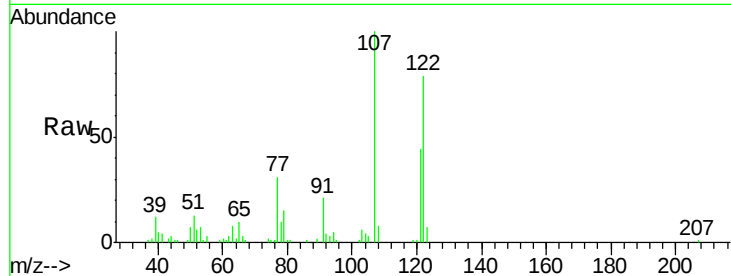




#27
 2,4-Dimethylphenol
 Concen: 5.385 ng
 RT: 9.63 min Scan# 1130
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

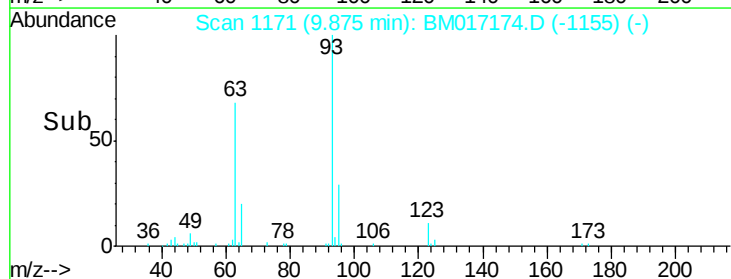
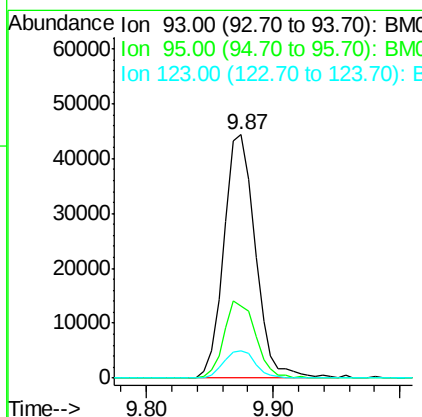
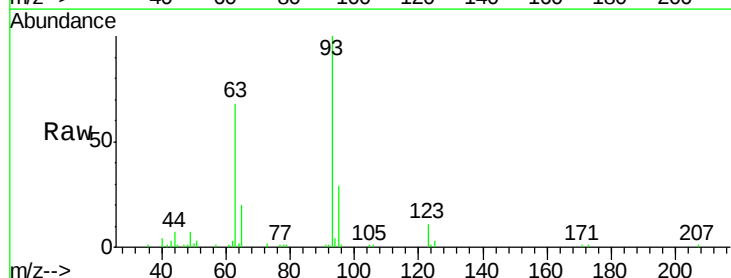
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

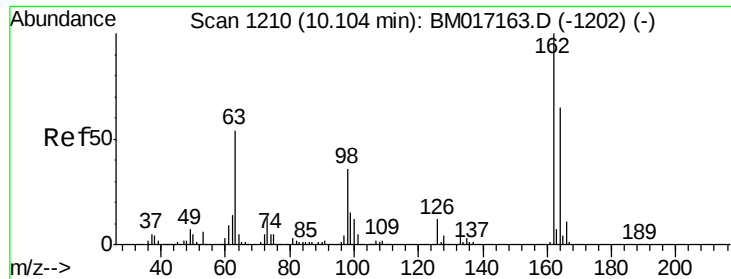
Tgt Ion: 122 Resp: 53229
 Ion Ratio Lower Upper
 122 100
 107 125.8 95.0 142.6
 121 55.3 48.2 72.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.844 ng
 RT: 9.87 min Scan# 1171
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion: 93 Resp: 76226
 Ion Ratio Lower Upper
 93 100
 95 29.4 25.7 38.5
 123 11.2 9.4 14.0

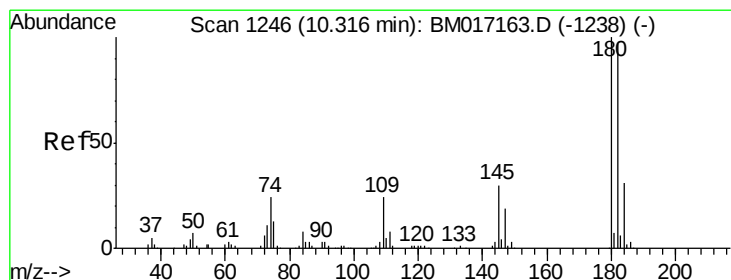
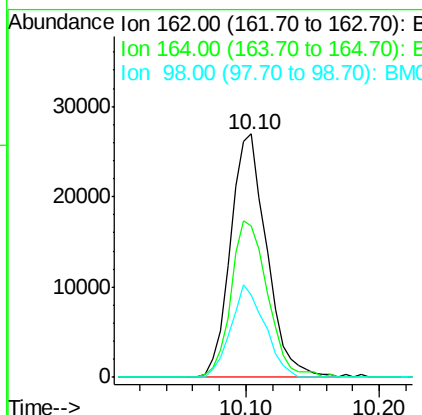
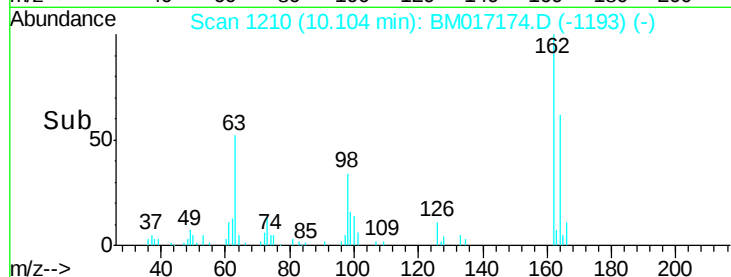
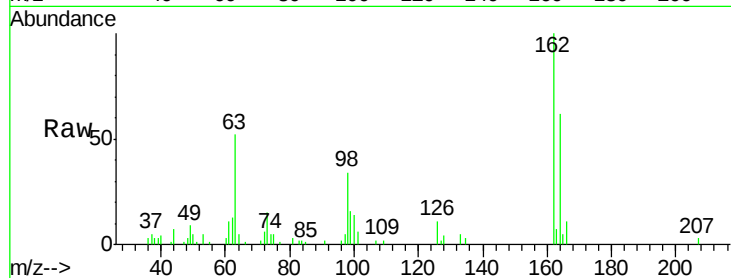




#29
2,4-Dichlorophenol
Concen: 4.435 ng
RT: 10.10 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

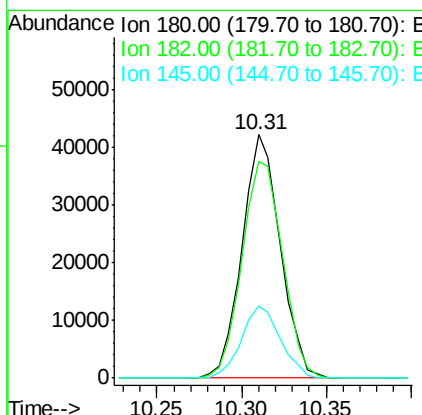
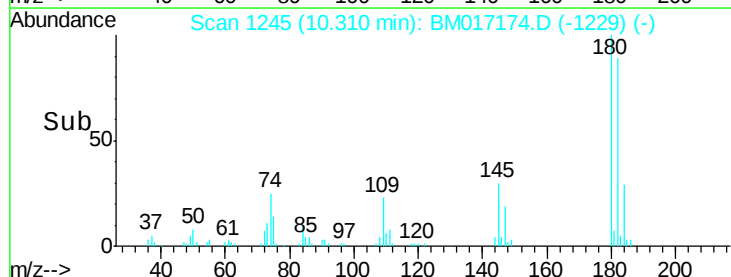
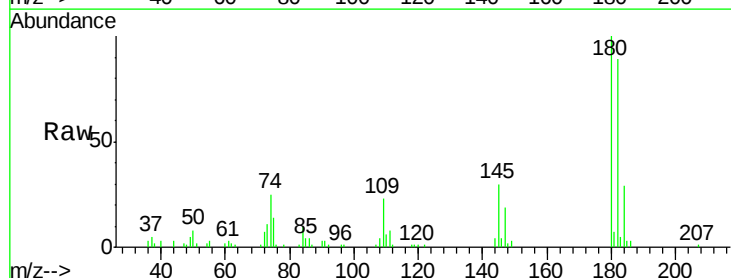
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

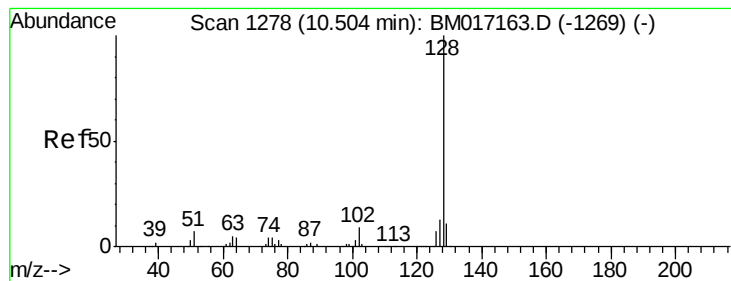
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.9	84.9
98	33.7	15.8	55.8



#30
1,2,4-Trichlorobenzene
Concen: 4.827 ng
RT: 10.31 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	89.0	77.5	116.3
145	29.5	24.0	36.0

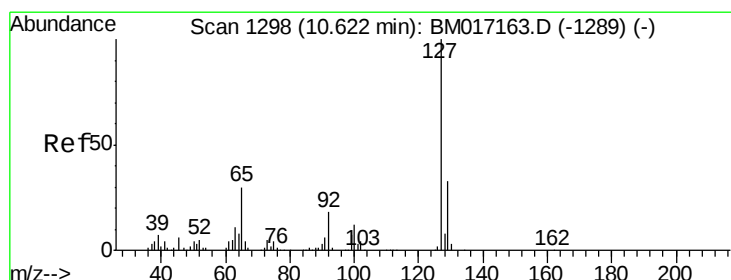
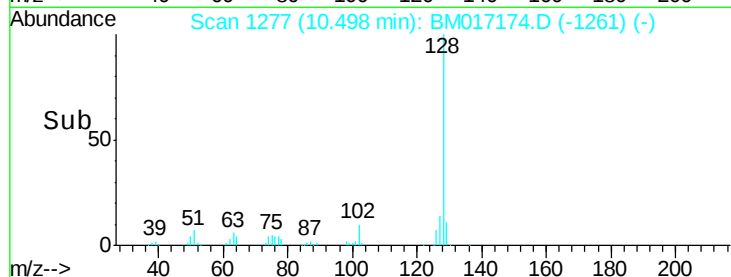
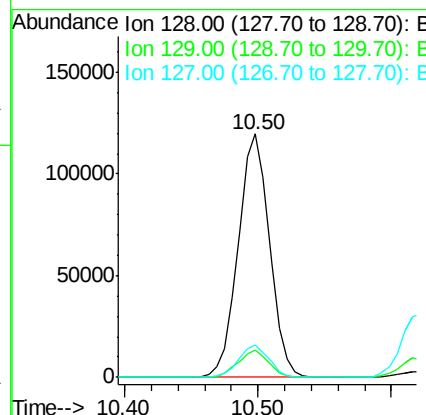
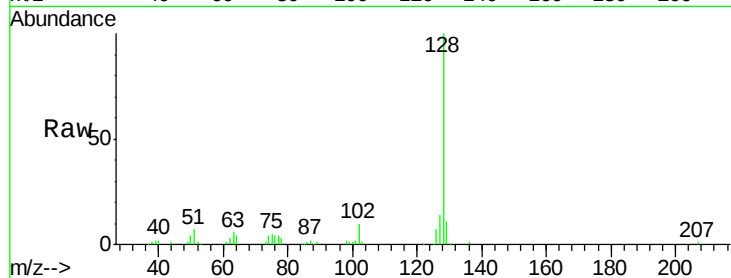




#31
Naphthalene
Concen: 5.026 ng
RT: 10.50 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

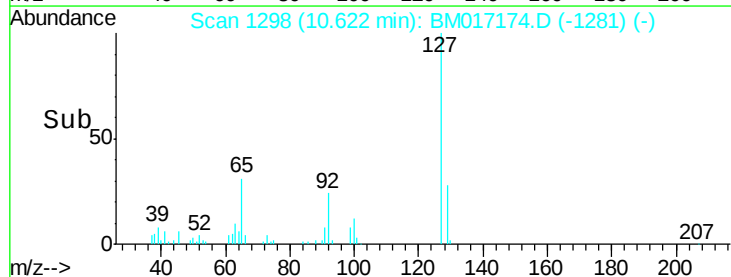
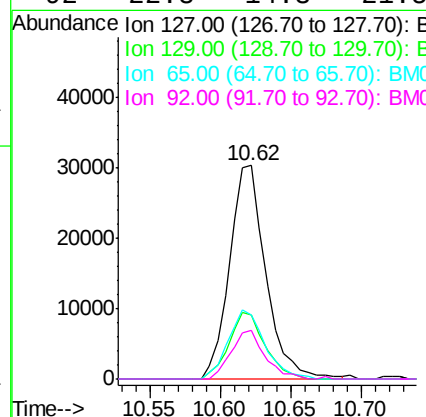
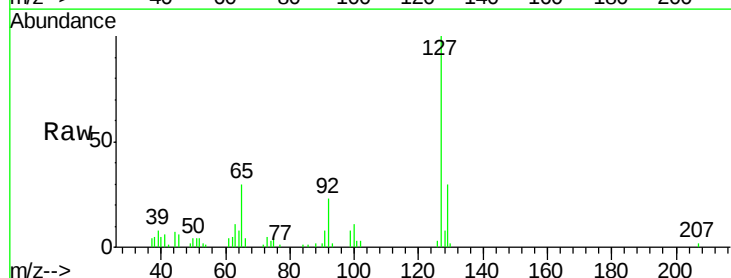
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

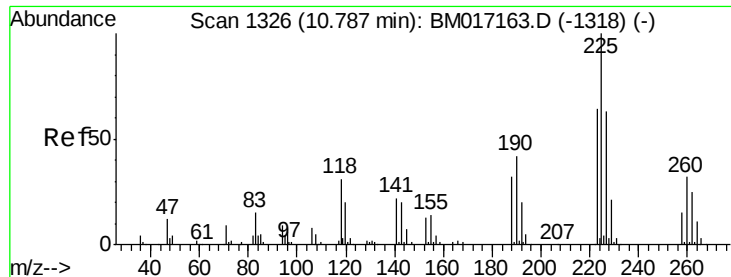
Tgt Ion:128 Resp: 195014
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.5 10.3 15.5



#33
4-Chloroaniline
Concen: 3.250 ng
RT: 10.62 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:127 Resp: 54470
Ion Ratio Lower Upper
127 100
129 29.9 26.2 39.4
65 30.2 23.7 35.5
92 22.8 14.3 21.5#

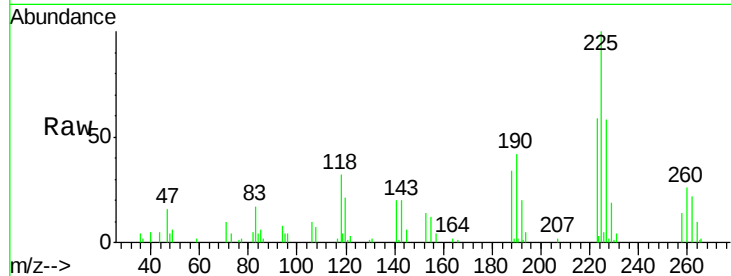




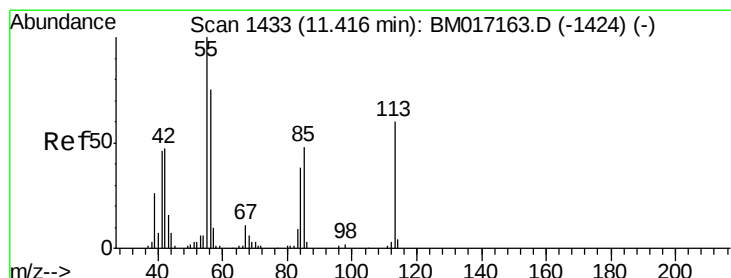
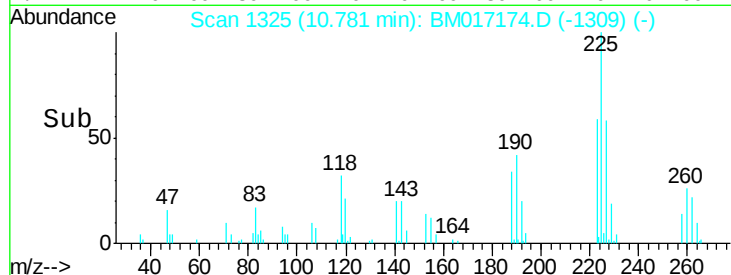
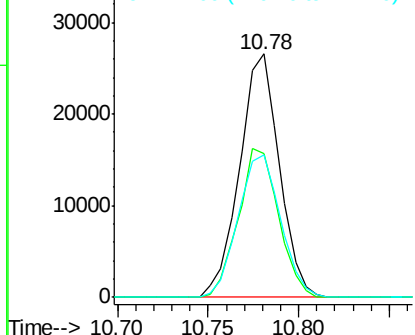
#34
Hexachlorobutadiene
Concen: 4.638 ng
RT: 10.78 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion: 225 Resp: 40461
Ion Ratio Lower Upper
225 100
223 59.3 51.0 76.6
227 58.3 50.8 76.2

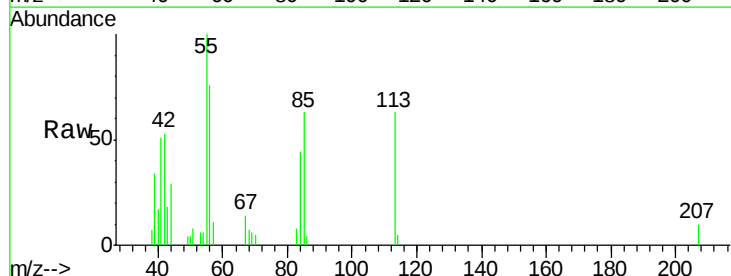


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

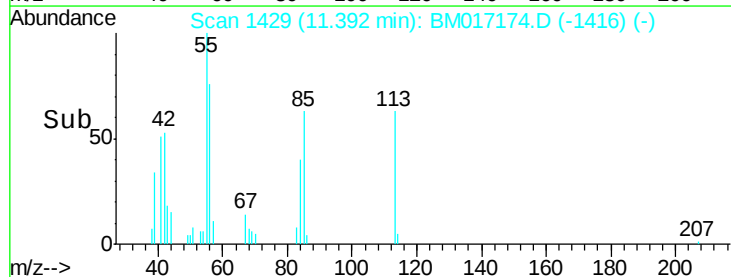
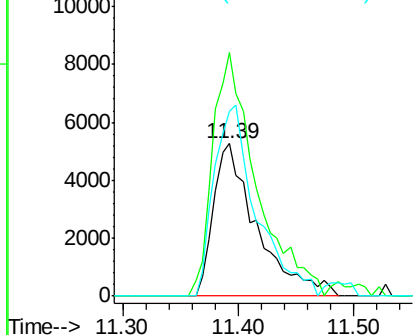


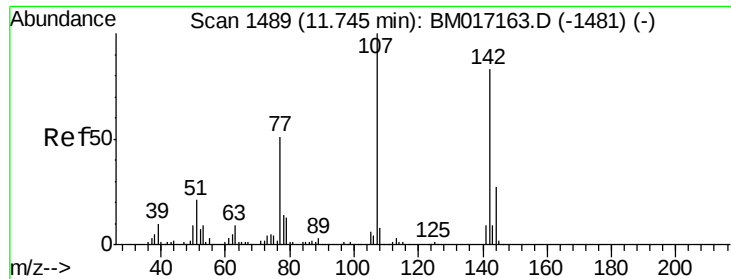
#35
Caprolactam
Concen: 3.269 ng
RT: 11.39 min Scan# 1429
Delta R.T. -0.02 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 113 Resp: 13676
Ion Ratio Lower Upper
113 100
55 159.5 147.0 187.0
56 121.4 104.5 144.5



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BM0
Ion 56.00 (55.70 to 56.70): BM0

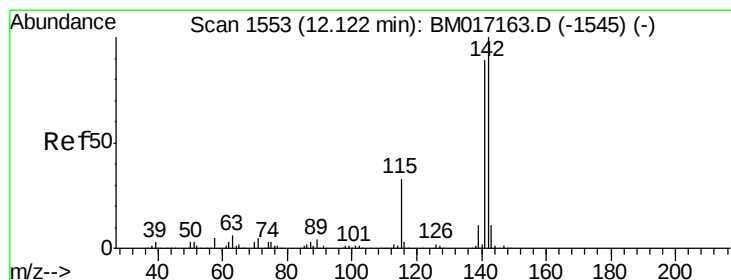
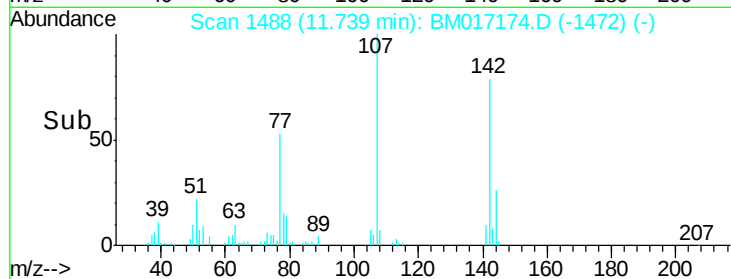
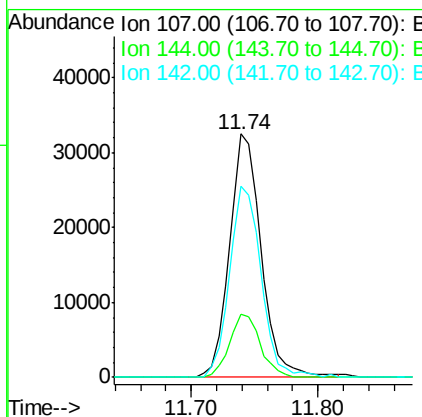
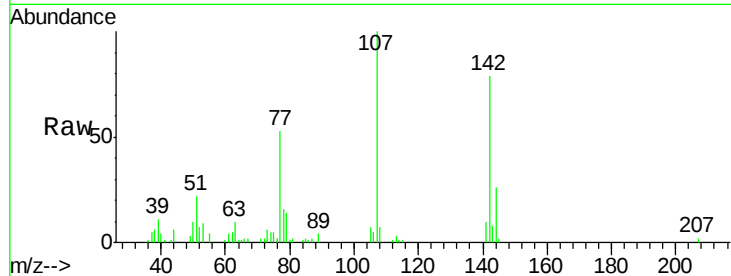




#36
 4-Chloro-3-methylphenol
 Concen: 4.329 ng
 RT: 11.74 min Scan# 1488
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

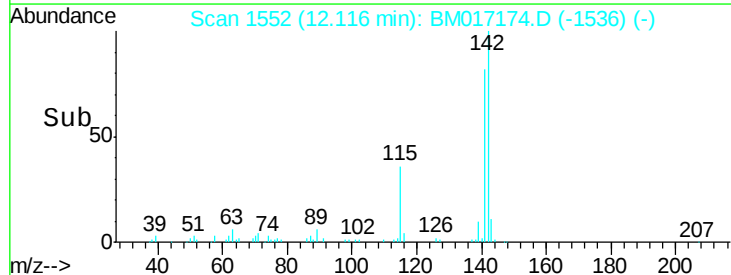
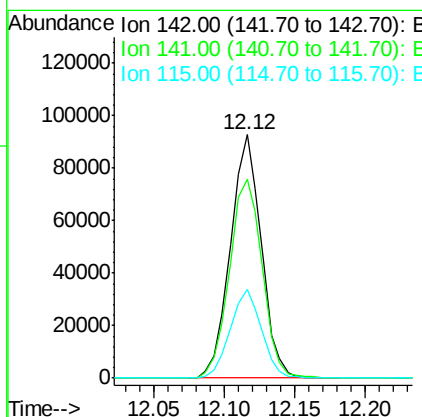
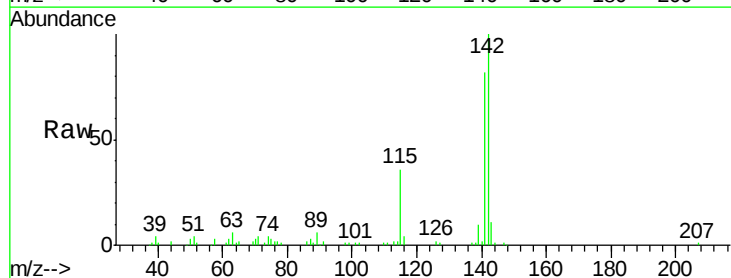
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

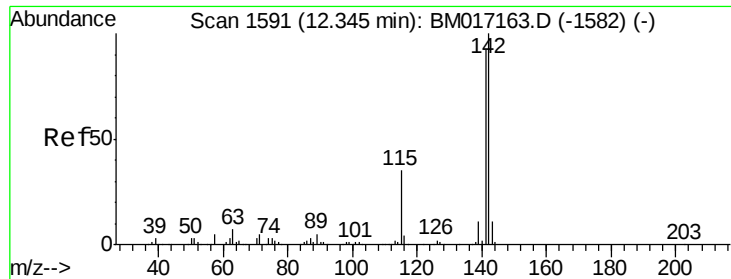
Tgt Ion:107 Resp: 56003
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.6 32.4
 142 78.6 66.0 99.0



#37
 2-Methylnaphthalene
 Concen: 5.310 ng
 RT: 12.12 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion:142 Resp: 141000
 Ion Ratio Lower Upper
 142 100
 141 81.9 70.9 106.3
 115 36.3 26.4 39.6

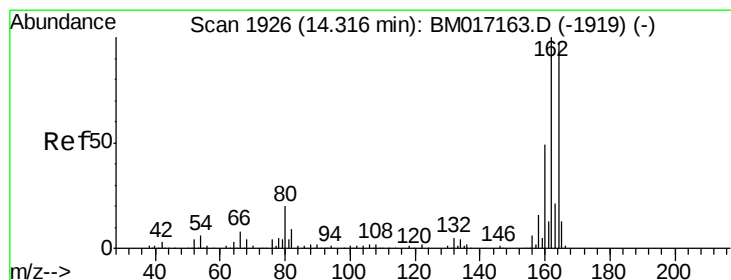
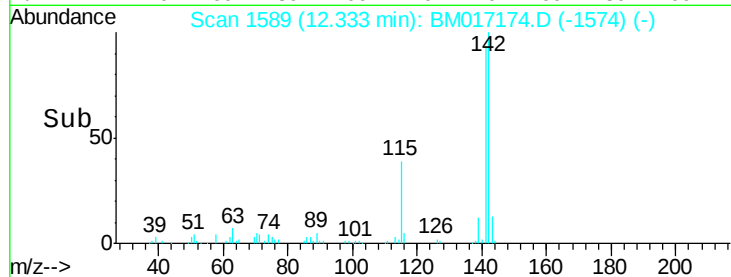
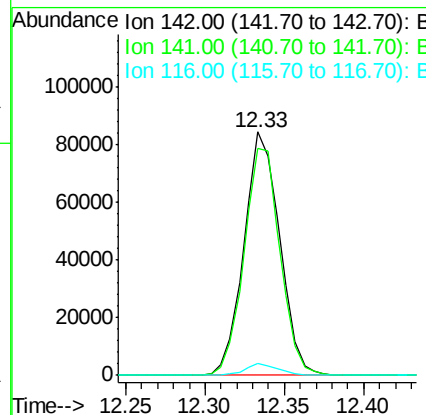
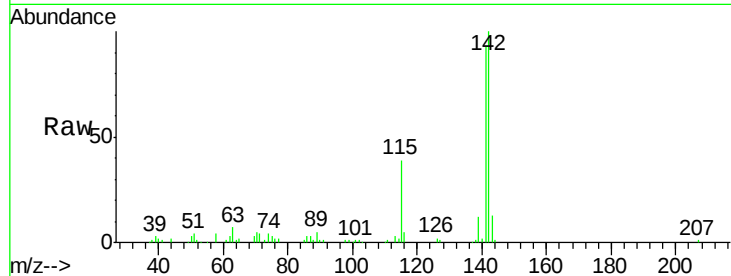




#38
1-Methylnaphthalene
Concen: 5.112 ng
RT: 12.33 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

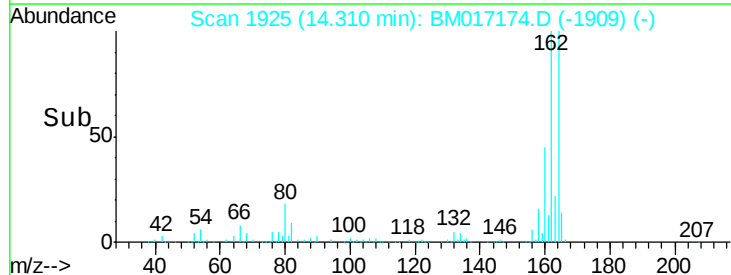
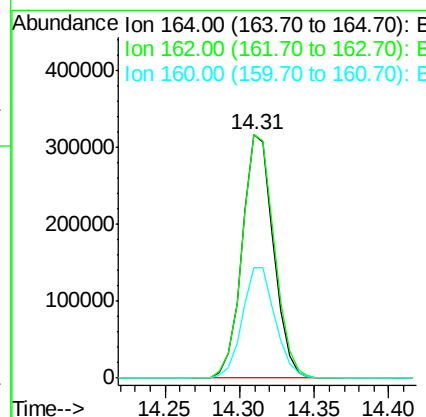
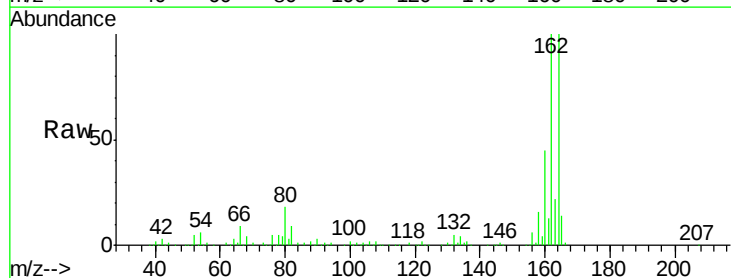
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

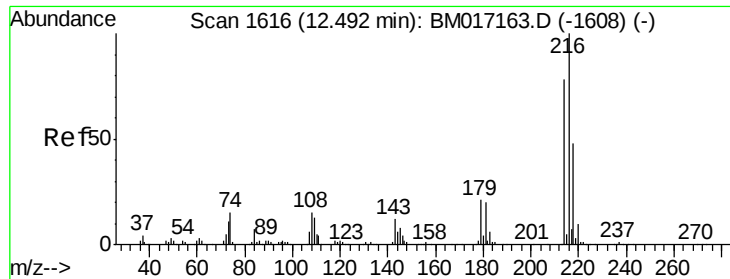
Tgt Ion:142 Resp: 132114
Ion Ratio Lower Upper
142 100
141 93.3 73.8 110.6
116 4.7 2.9 4.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:164 Resp: 458477
Ion Ratio Lower Upper
164 100
162 100.0 82.1 123.1
160 45.4 40.2 60.2





#40

1,2,4,5-Tetrachlorobenzene

Concen: 4.589 ng

RT: 12.49 min Scan# 1615

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:216 Resp: 74086

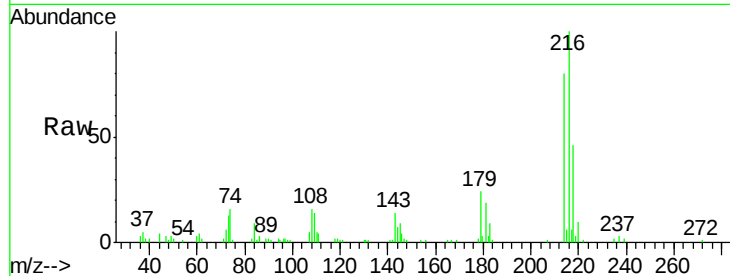
Ion Ratio Lower Upper

216 100

214 78.6 62.6 93.8

179 21.0 16.6 24.8

108 18.8 13.5 20.3

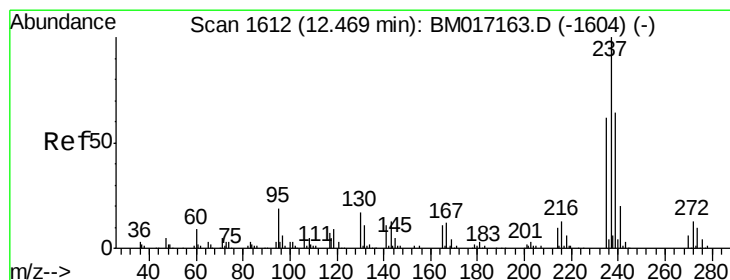
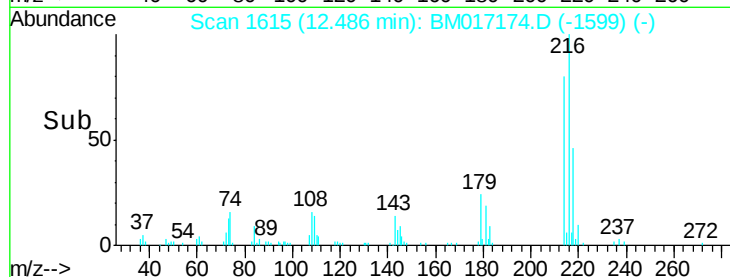
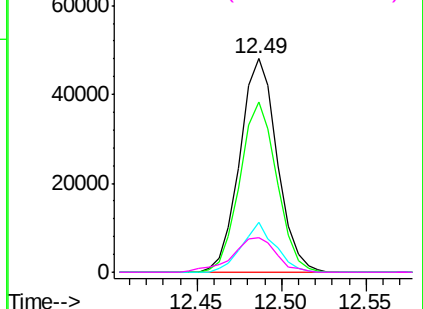


Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.647 ng

RT: 12.46 min Scan# 1611

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

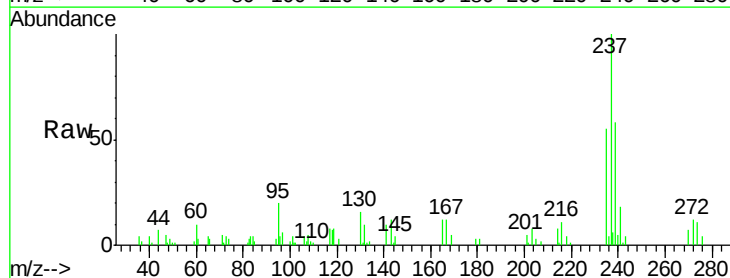
Tgt Ion:237 Resp: 44081

Ion Ratio Lower Upper

237 100

235 55.3 42.4 82.4

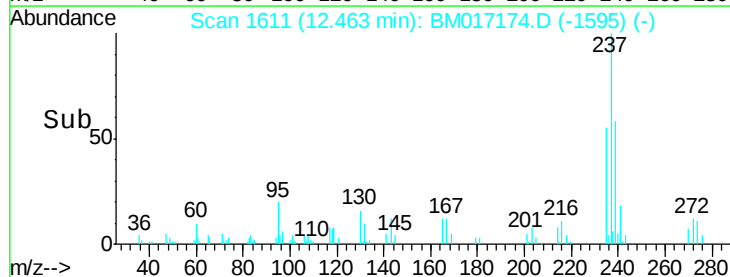
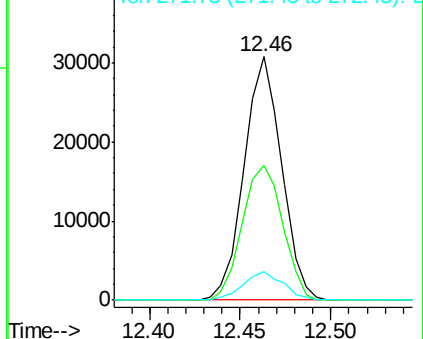
272 11.9 0.0 33.0

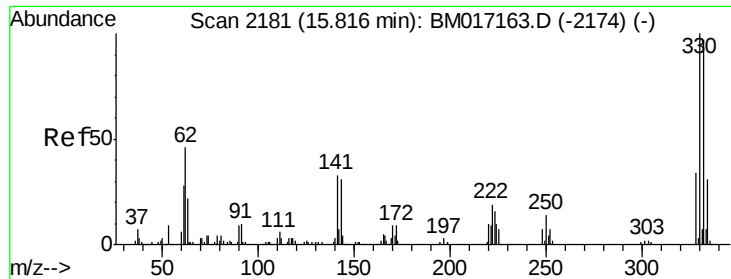


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

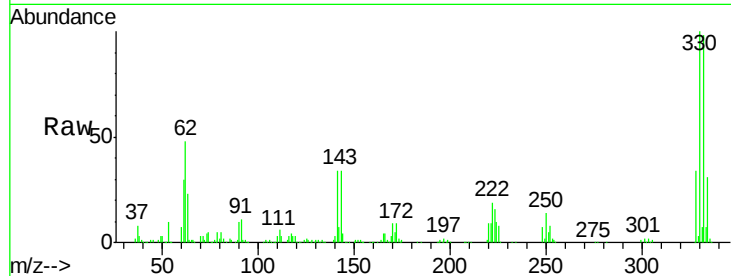




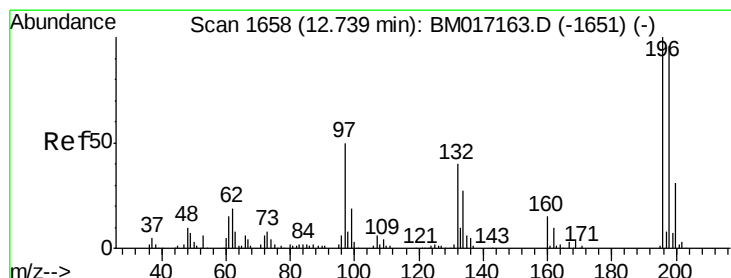
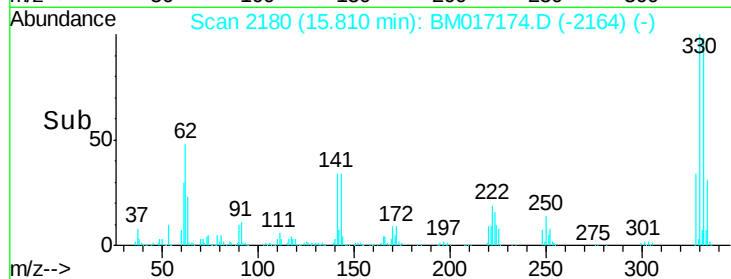
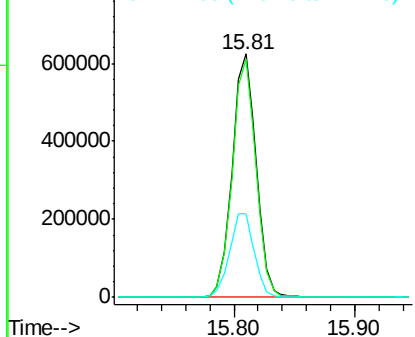
#42
 2,4,6-Tribromophenol
 Concen: 139.554 ng
 RT: 15.81 min Scan# 2180
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

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

Tgt Ion:330 Resp: 865265
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 35.7 27.4 41.0

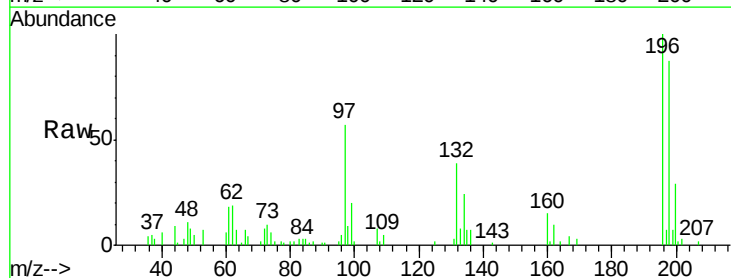


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

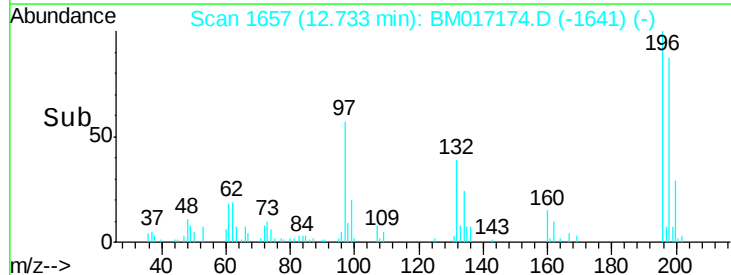
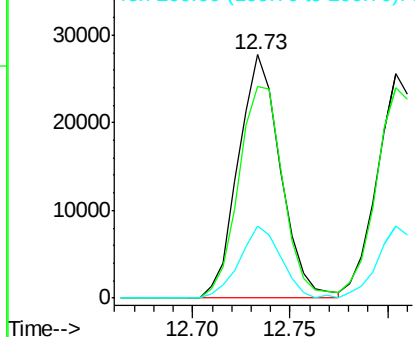


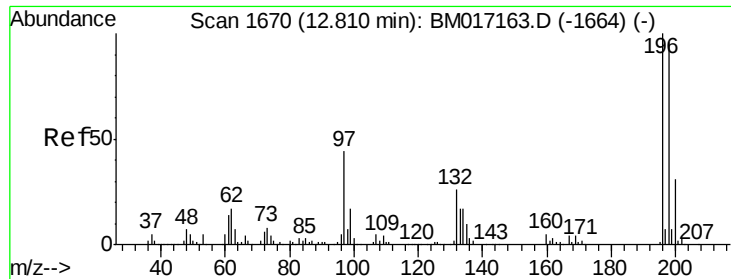
#43
 2,4,6-Trichlorophenol
 Concen: 4.454 ng
 RT: 12.73 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion:196 Resp: 41749
 Ion Ratio Lower Upper
 196 100
 198 87.2 77.1 115.7
 200 31.2 25.0 37.4



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





#44

2,4,5-Trichlorophenol

Concen: 4.510 ng

RT: 12.80 min Scan# 1669

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:196 Resp: 45325

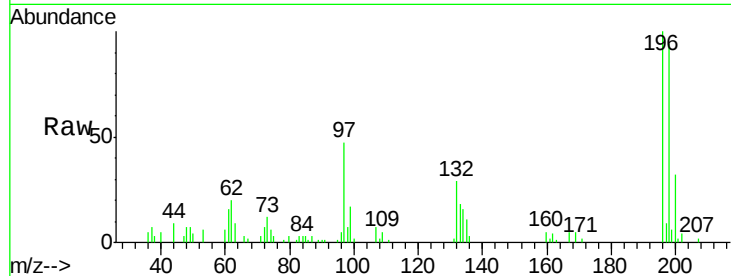
Ion Ratio Lower Upper

196 100

198 93.8 76.6 115.0

97 46.7 35.5 53.3

132 28.6 20.7 31.1

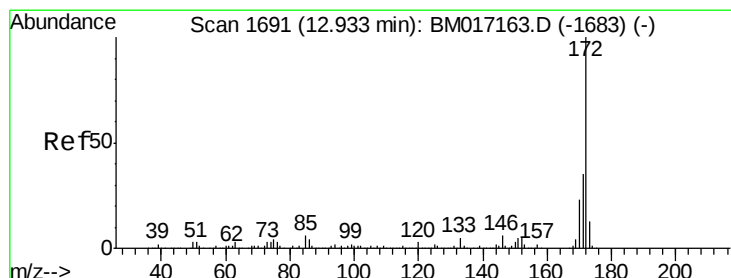
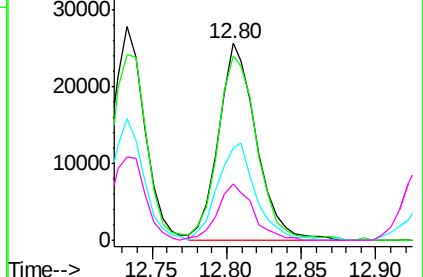
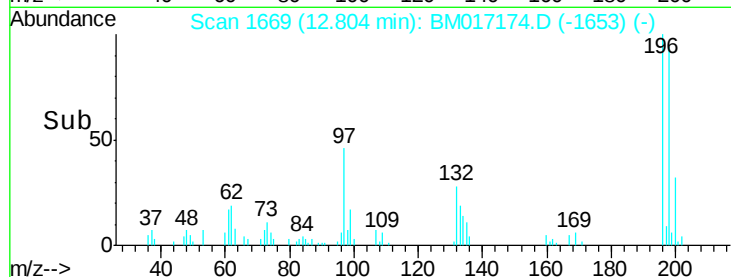


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BM

Ion 132.00 (131.70 to 132.70): E



#45

2-Fluorobiphenyl

Concen: 82.912 ng

RT: 12.93 min Scan# 1690

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

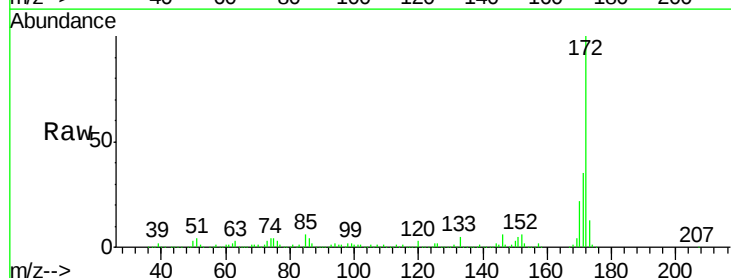
Tgt Ion:172 Resp: 2856989

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

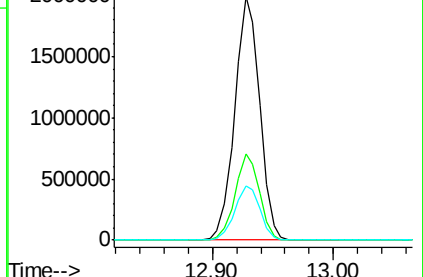
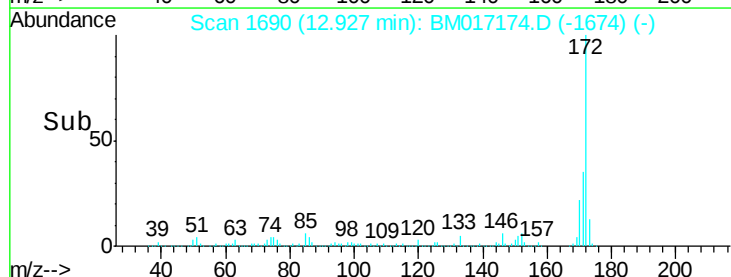
170 22.4 18.3 27.5

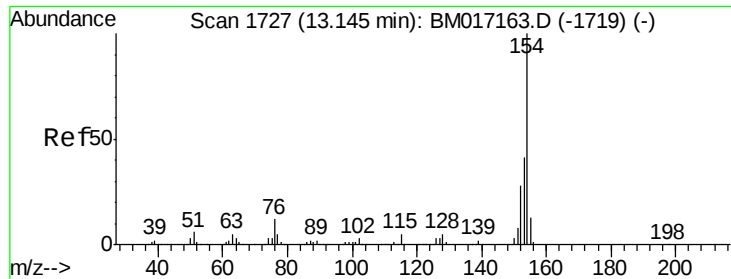


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

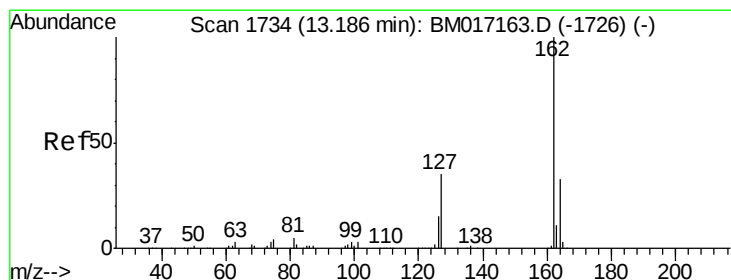
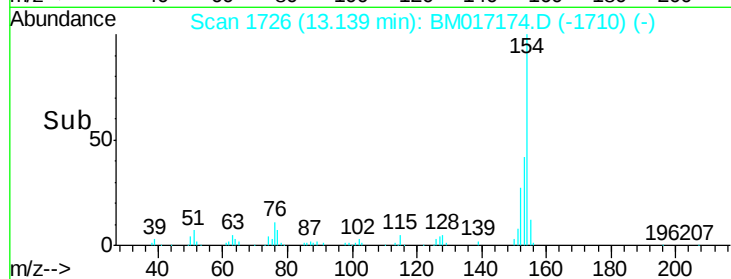
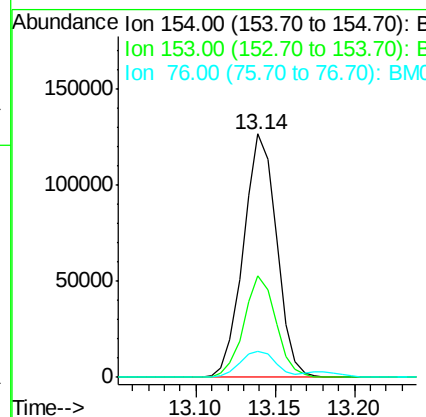
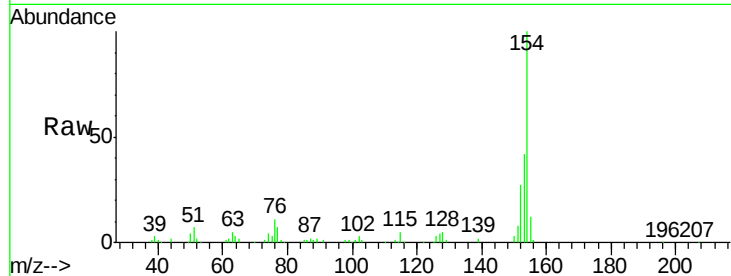




#46
 1,1'-Biphenyl
 Concen: 4.475 ng
 RT: 13.14 min Scan# 1726
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

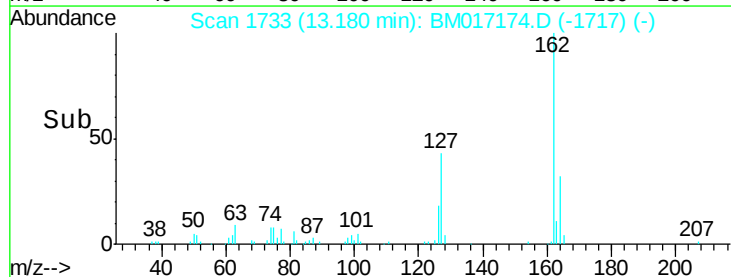
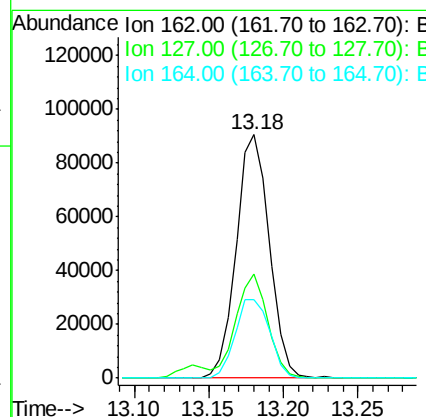
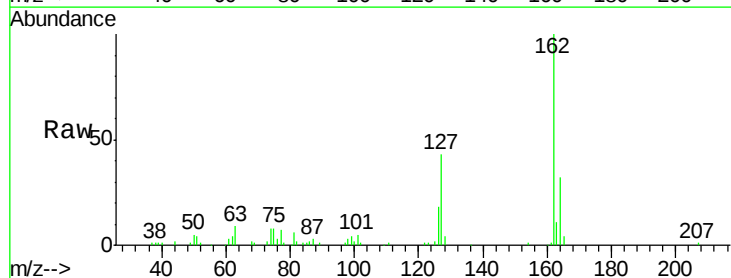
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

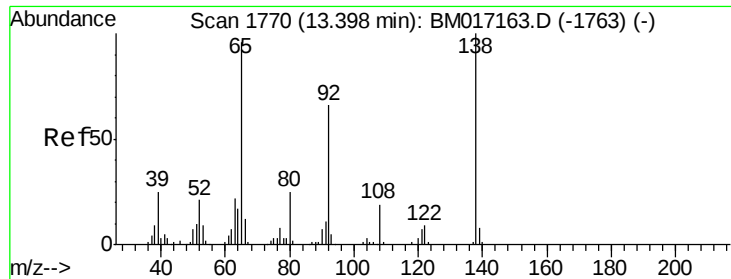
Tgt Ion:154 Resp: 184612
 Ion Ratio Lower Upper
 154 100
 153 41.7 20.5 60.5
 76 10.6 0.0 31.8



#47
 2-Chloronaphthalene
 Concen: 4.606 ng
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion:162 Resp: 139808
 Ion Ratio Lower Upper
 162 100
 127 42.8 31.0 46.4
 164 32.3 26.6 39.8

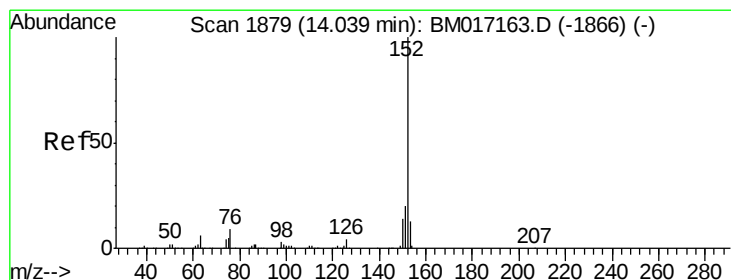
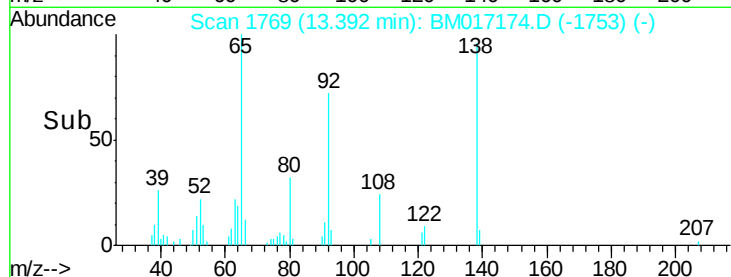
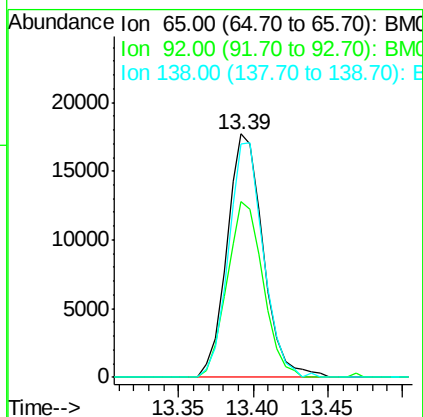
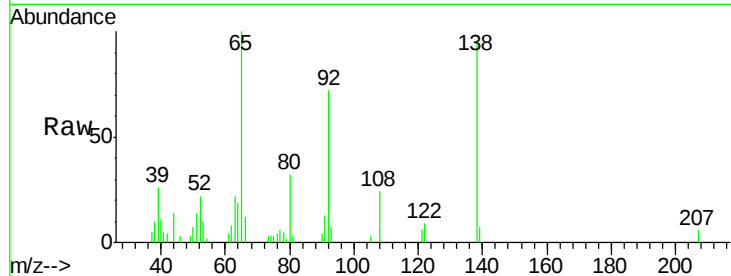




#48
2-Nitroaniline
Concen: 8.764 ng
RT: 13.39 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

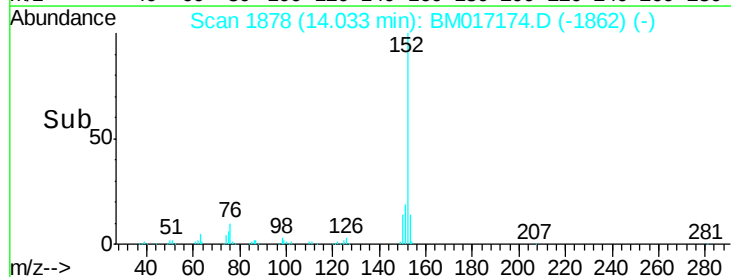
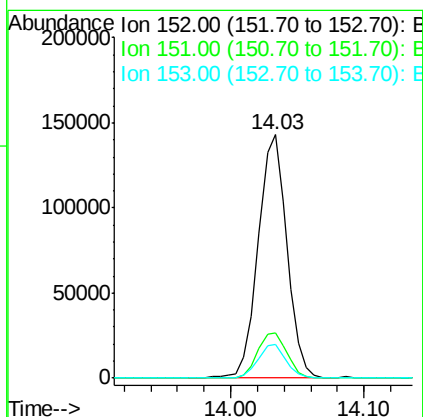
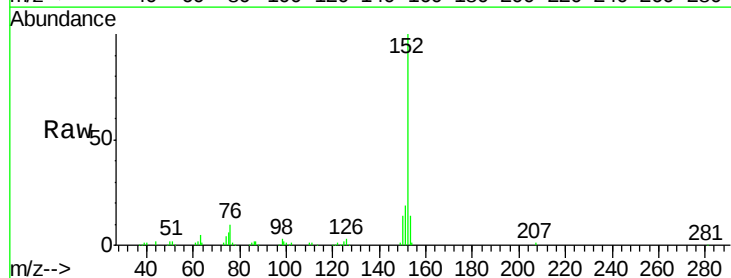
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

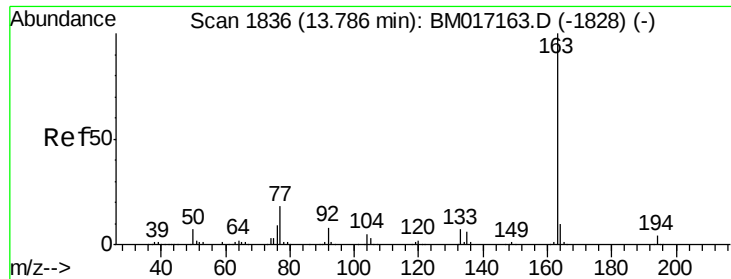
Tgt Ion: 65 Resp: 29926
Ion Ratio Lower Upper
65 100
92 72.0 54.9 82.3
138 95.8 83.7 125.5



#49
Acenaphthylene
Concen: 4.836 ng
RT: 14.03 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 152 Resp: 212783
Ion Ratio Lower Upper
152 100
151 18.8 16.0 24.0
153 13.8 10.4 15.6





#50

Dimethylphthalate

Concen: 4.942 ng

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

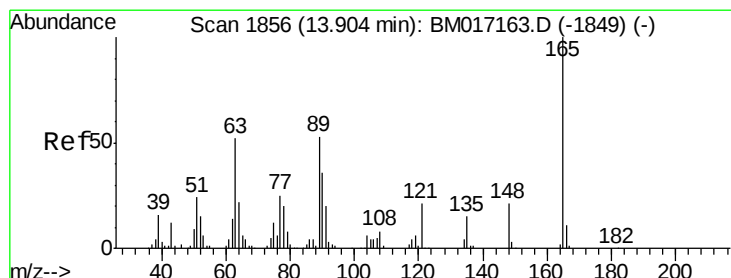
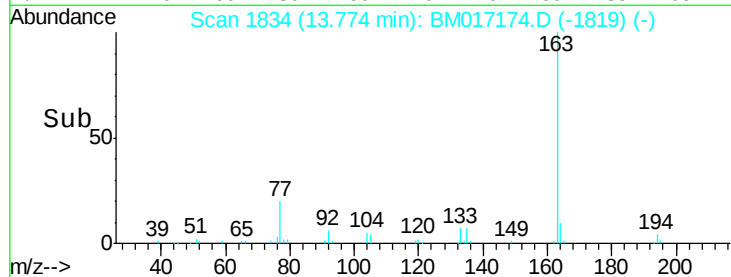
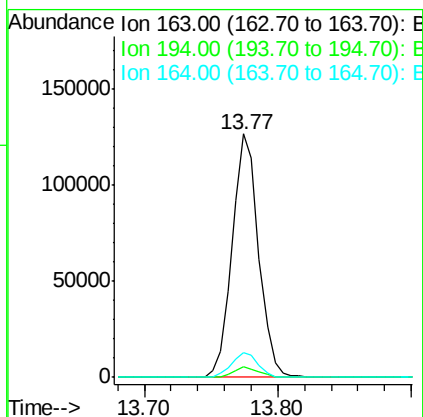
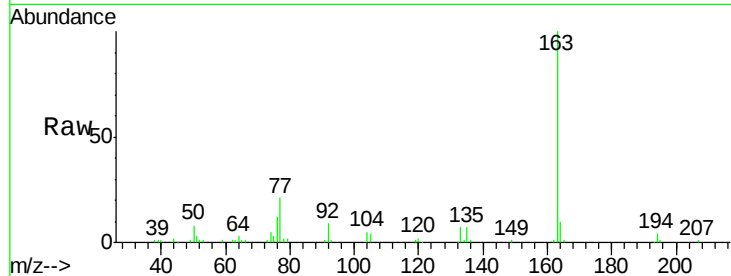
Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

Tgt Ion:	163	Resp:	174817
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.3	4.9
164	10.3	7.8	11.8



#51

2,6-Dinitrotoluene

Concen: 3.880 ng

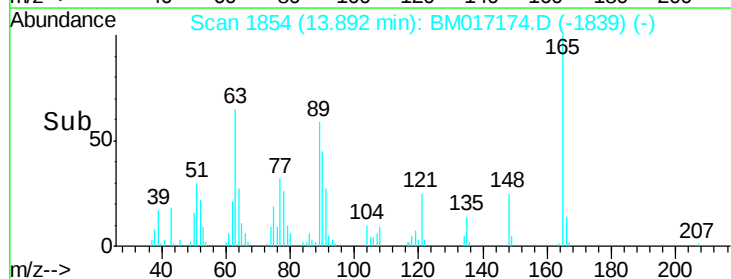
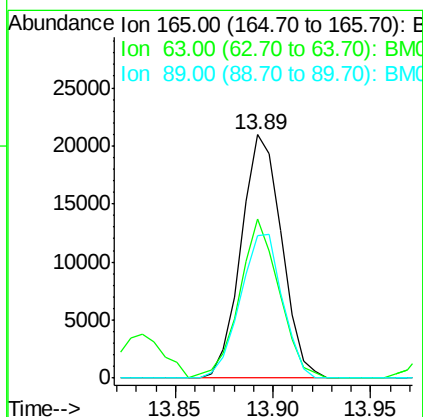
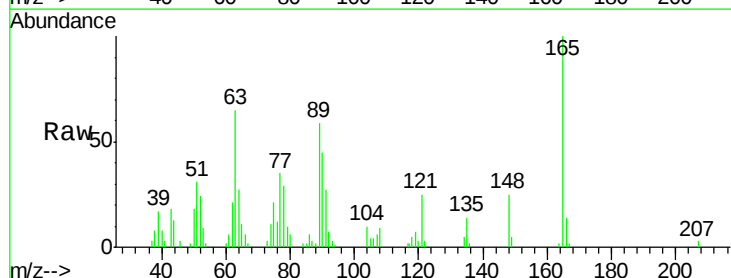
RT: 13.89 min Scan# 1854

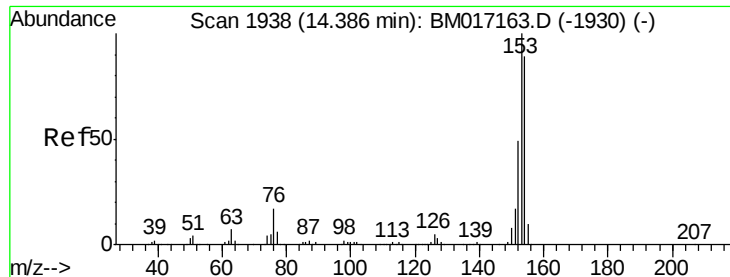
Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Tgt Ion:	165	Resp:	30208
Ion	Ratio	Lower	Upper
165	100		
63	65.2	42.7	64.1#
89	58.6	42.1	63.1





#52

Acenaphthene

Concen: 4.814 ng

RT: 14.37 min Scan# 1936

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

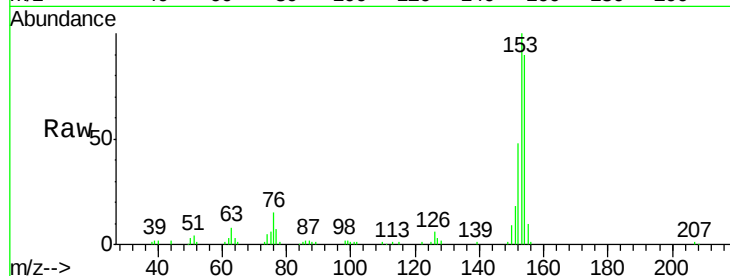
Tgt Ion:154 Resp: 132974

Ion Ratio Lower Upper

154 100

153 110.6 90.2 135.2

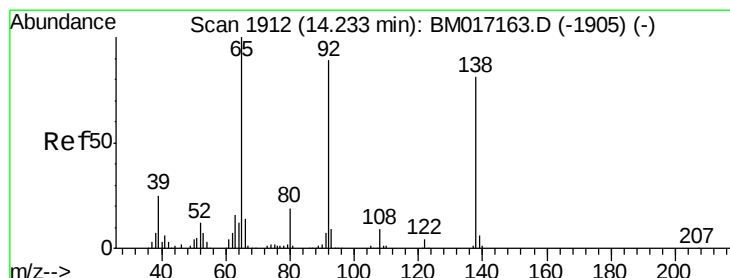
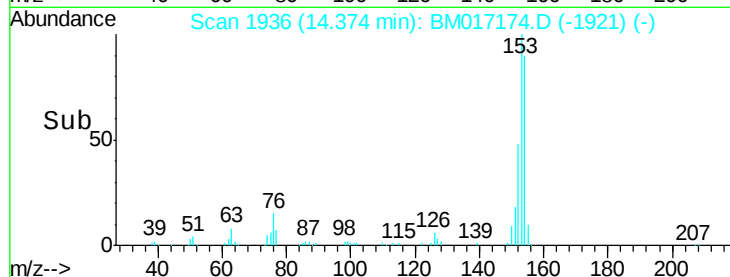
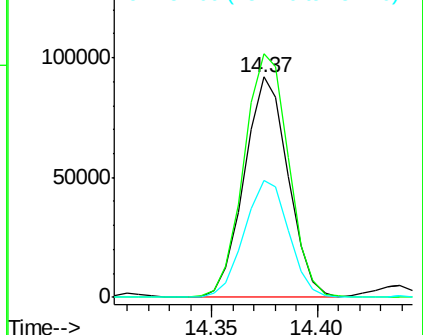
152 53.0 44.2 66.4



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: 3.036 ng

RT: 14.23 min Scan# 1911

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

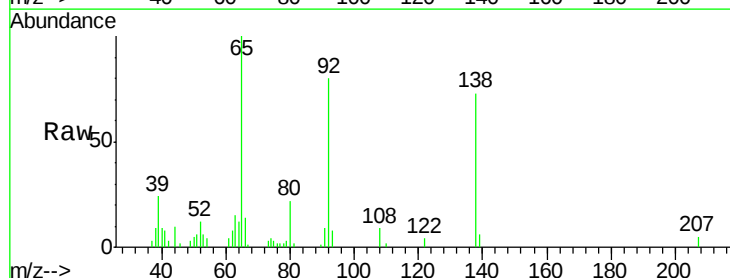
Tgt Ion:138 Resp: 25595

Ion Ratio Lower Upper

138 100

108 12.6 8.7 13.1

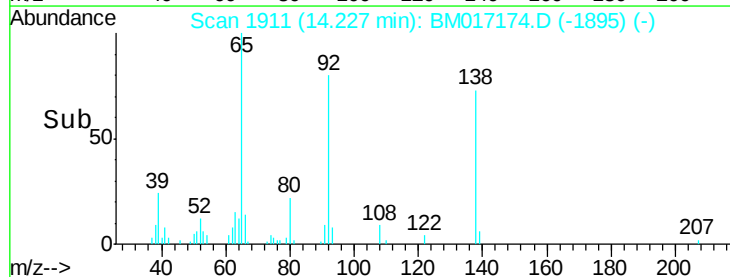
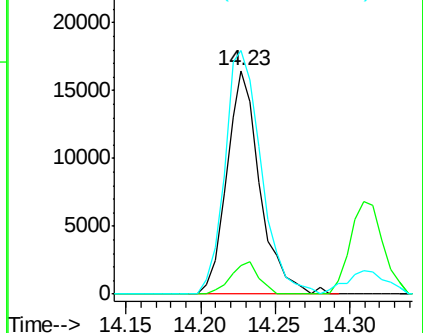
92 108.9 87.9 131.9

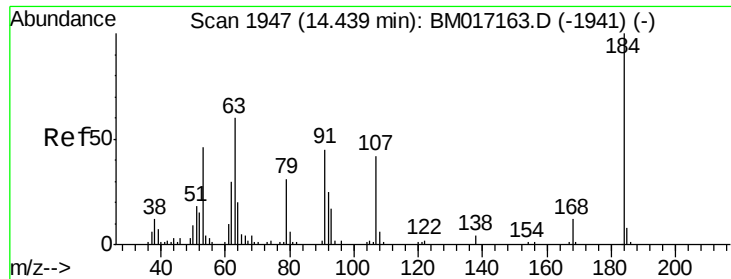


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

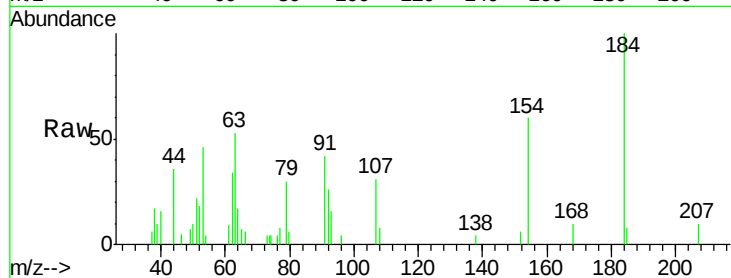




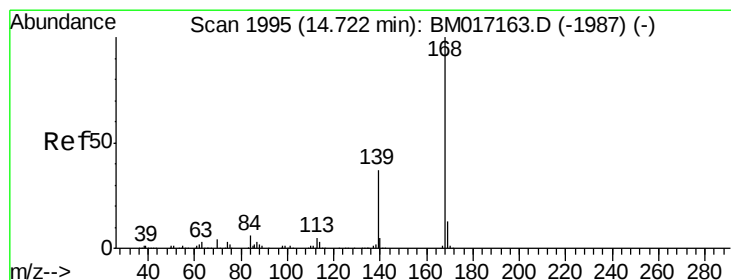
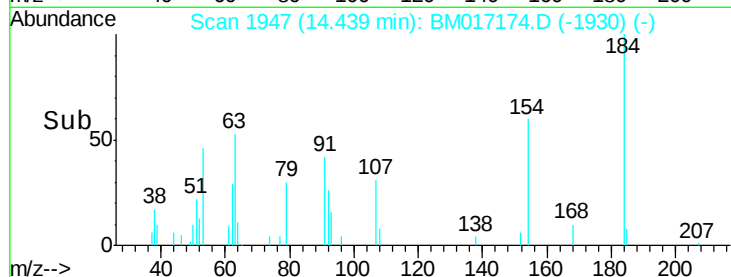
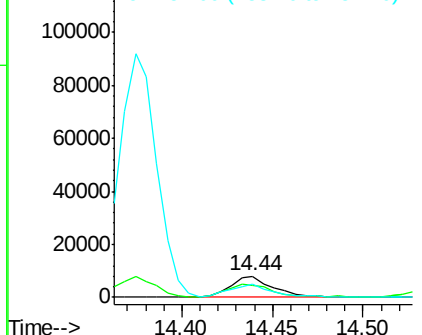
#54
2,4-Dinitrophenol
Concen: 10.755 ng
RT: 14.44 min Scan# 1947
Delta R.T. 0.00 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion:184 Resp: 12875
Ion Ratio Lower Upper
184 100
63 53.3 51.2 76.8
154 60.1 47.8 71.8

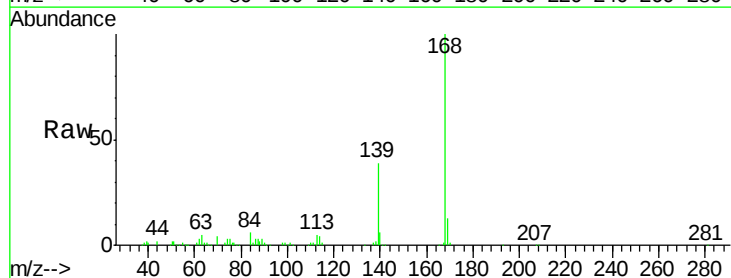


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM017163.D (-1941) (-)
Ion 154.00 (153.70 to 154.70): E

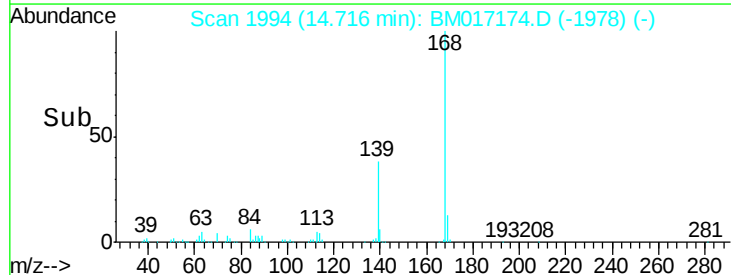
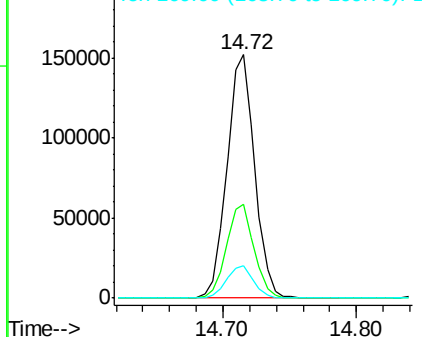


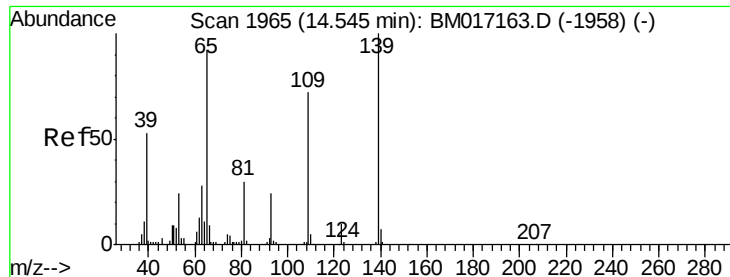
#55
Dibenzofuran
Concen: 4.800 ng
RT: 14.72 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:168 Resp: 220496
Ion Ratio Lower Upper
168 100
139 38.6 29.3 43.9
169 13.2 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

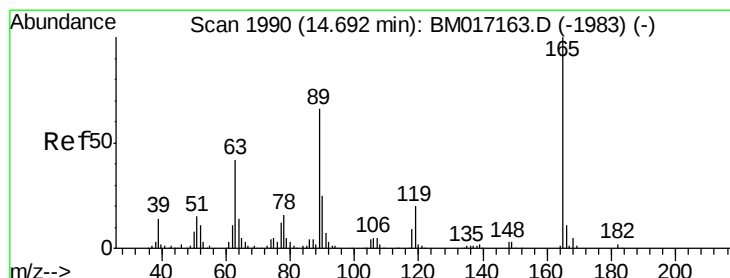
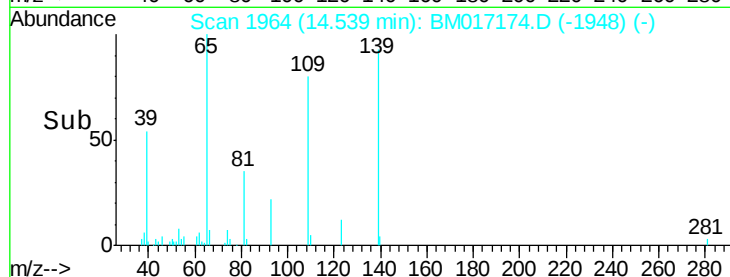
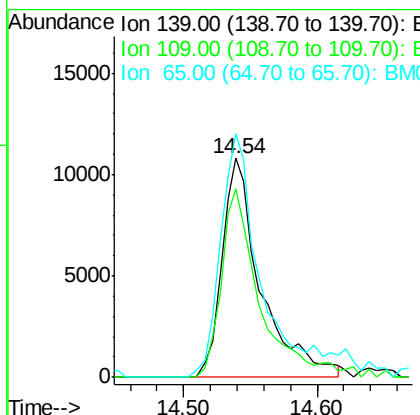
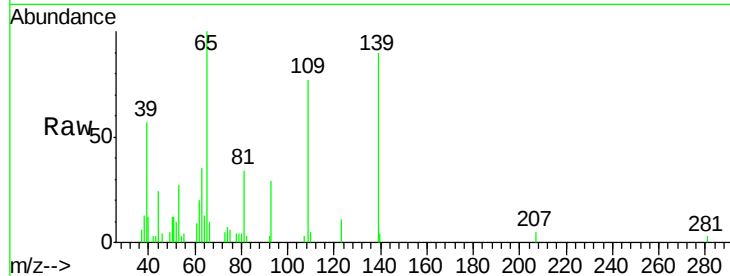




#56
4-Nitrophenol
Concen: 7.404 ng
RT: 14.54 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

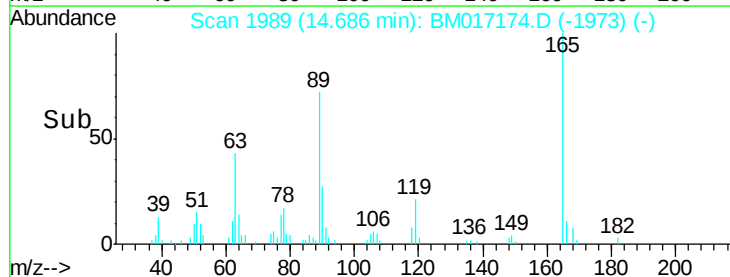
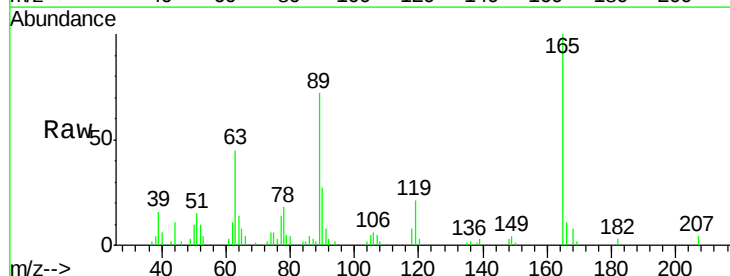
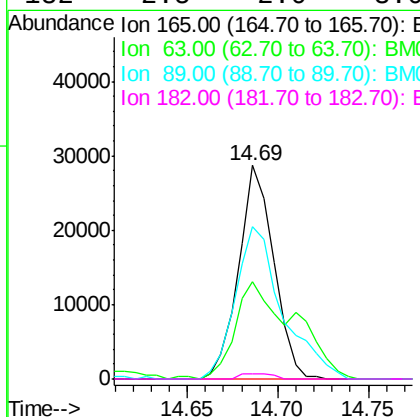
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

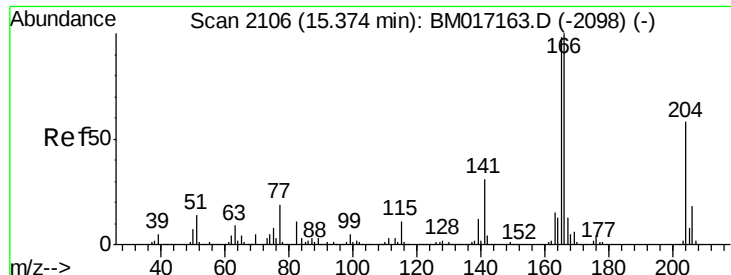
Tgt Ion:139 Resp: 21946
Ion Ratio Lower Upper
139 100
109 86.1 51.8 91.8
65 111.3 72.1 112.1



#57
2,4-Dinitrotoluene
Concen: 3.694 ng
RT: 14.69 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:165 Resp: 38651
Ion Ratio Lower Upper
165 100
63 45.4 33.8 50.8
89 71.5 53.1 79.7
182 2.5 2.0 3.0





#58

Fluorene

Concen: 5.109 ng

RT: 15.36 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

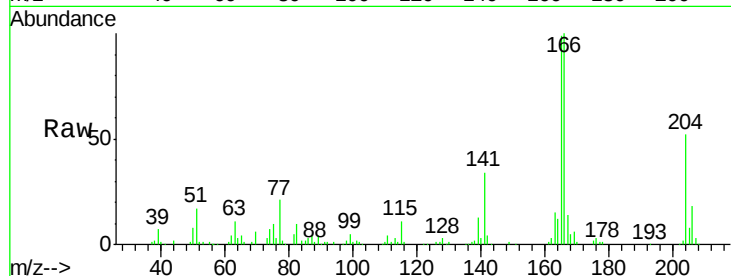
Tgt Ion:166 Resp: 173711

Ion Ratio Lower Upper

166 100

165 98.9 78.1 117.1

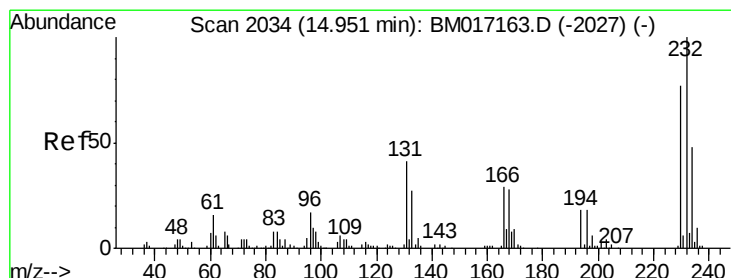
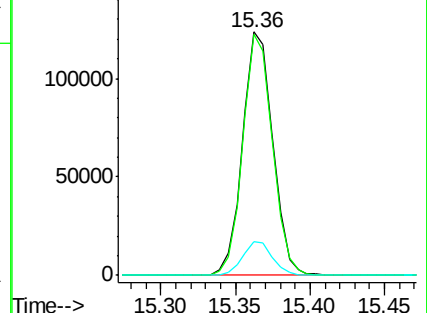
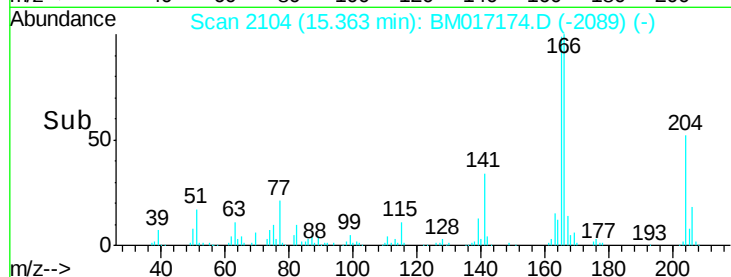
167 13.9 10.6 16.0



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: 4.739 ng

RT: 14.94 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Tgt Ion:232 Resp: 43421

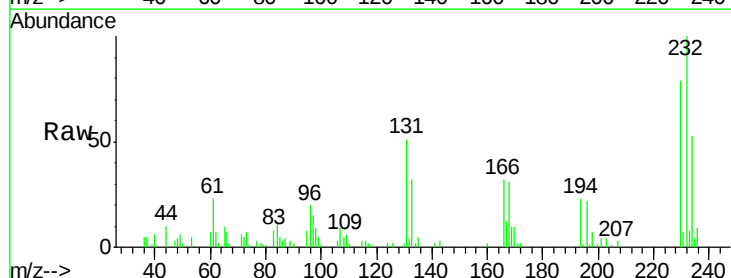
Ion Ratio Lower Upper

232 100

131 46.1 33.1 49.7

130 1.9 1.7 2.5

166 30.1 24.4 36.6

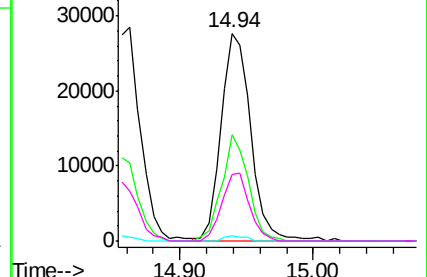
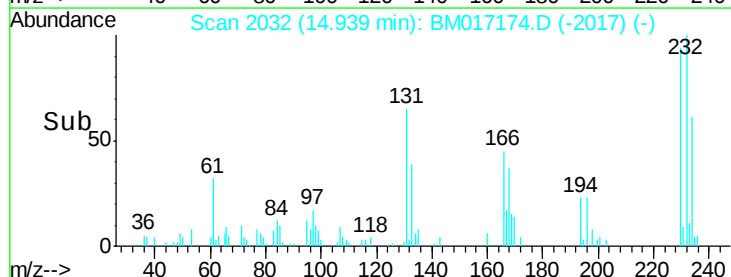


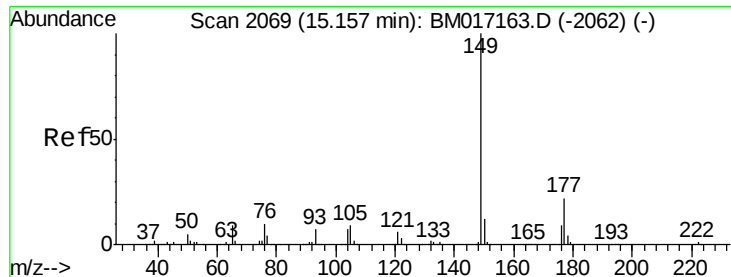
Abundance Ion 232.00 (231.70 to 232.70): E

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

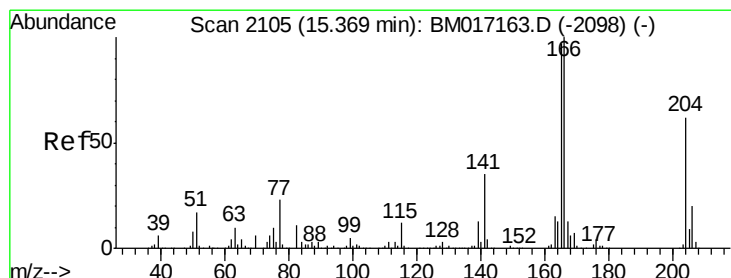
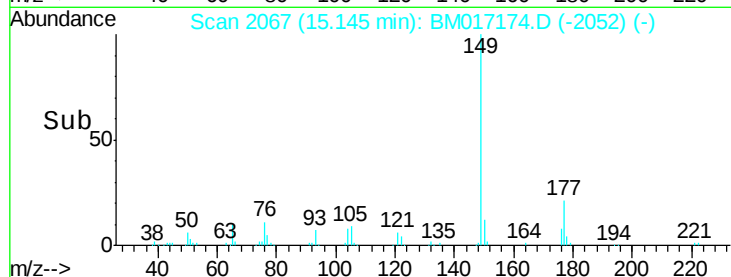
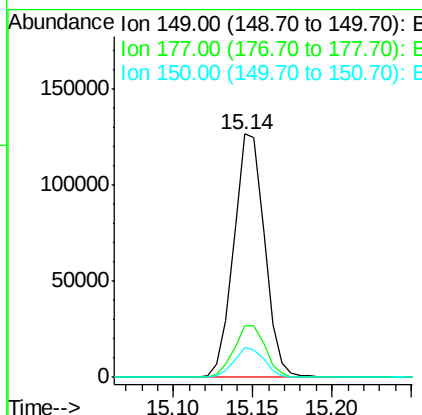
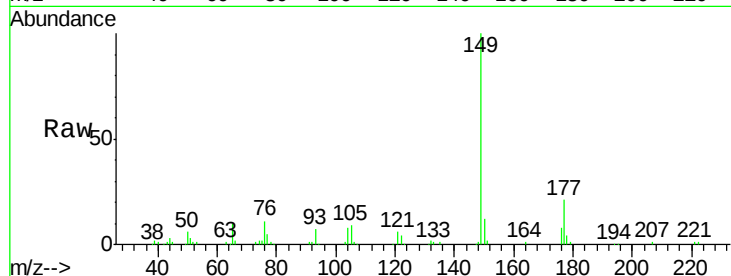




#60
Diethylphthalate
Concen: 4.838 ng
RT: 15.14 min Scan# 2067
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

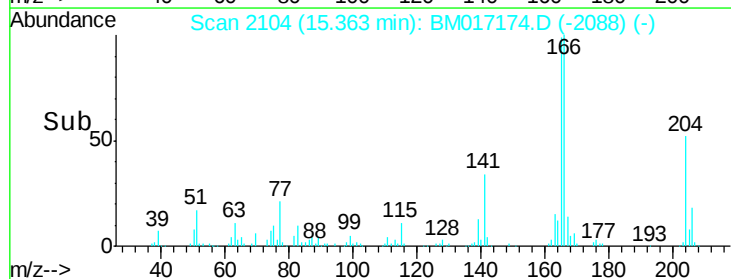
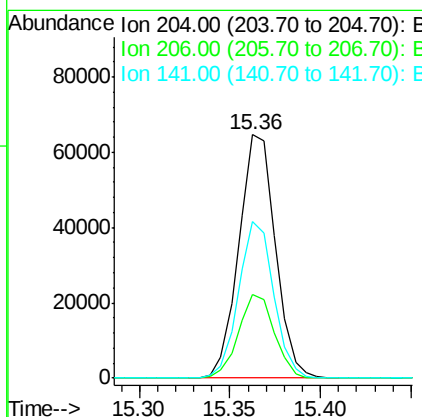
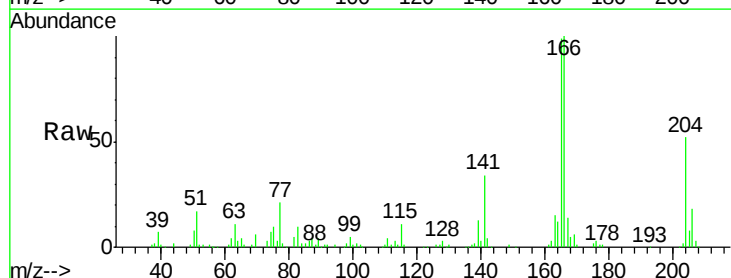
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

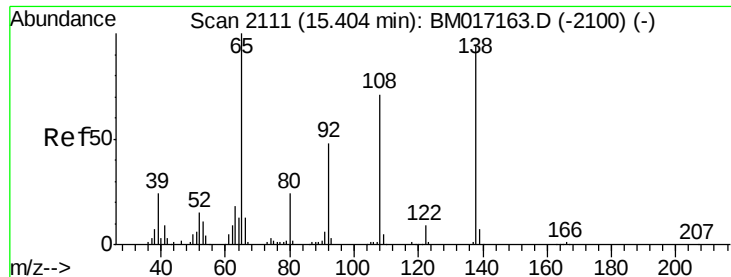
Tgt Ion:149 Resp: 169714
Ion Ratio Lower Upper
149 100
177 21.2 17.7 26.5
150 12.4 10.0 15.0



#61
4-Chlorophenyl-phenylether
Concen: 4.676 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:204 Resp: 90644
Ion Ratio Lower Upper
204 100
206 34.5 26.1 39.1
141 64.3 45.4 68.2

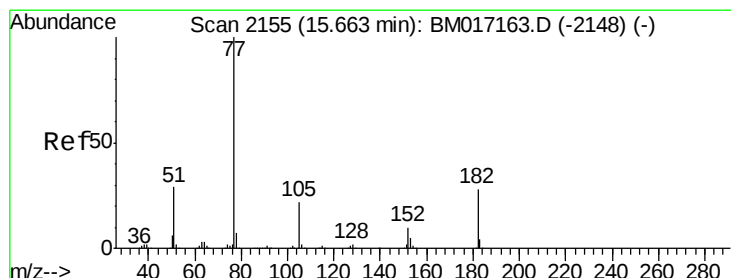
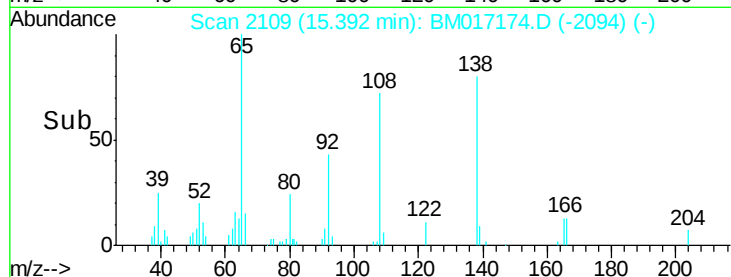
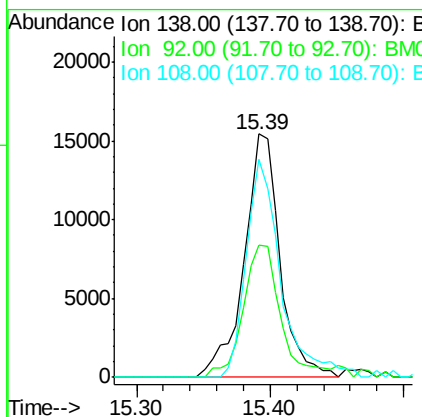
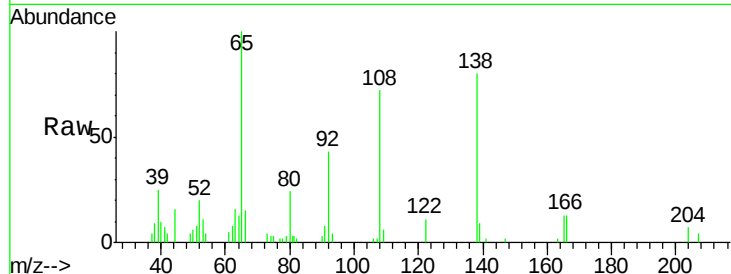




#62
4-Nitroaniline
Concen: 7.493 ng
RT: 15.39 min Scan# 2109
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

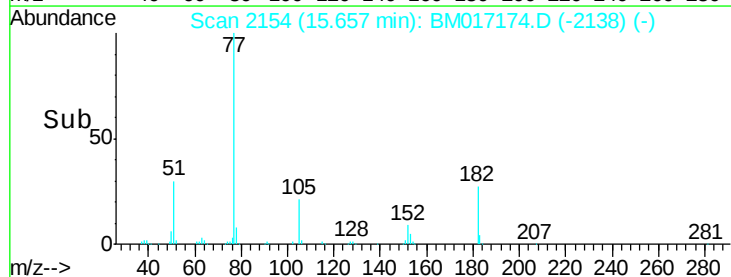
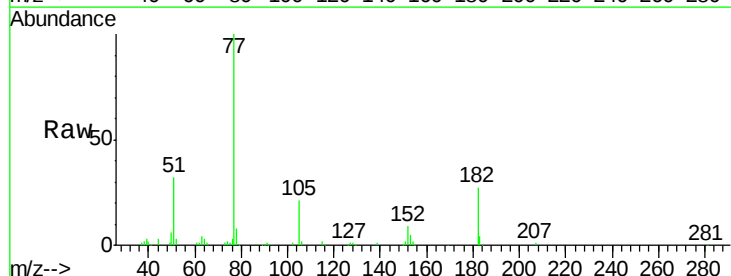
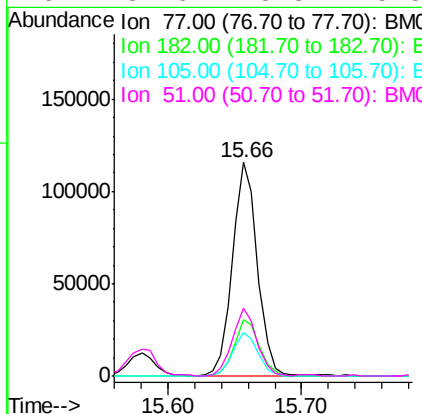
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

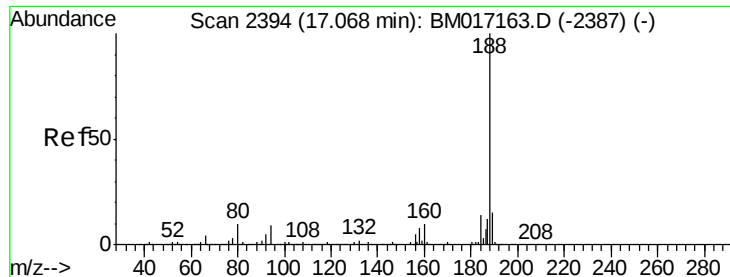
Tgt Ion: 138 Resp: 28594
Ion Ratio Lower Upper
138 100
92 54.3 31.2 71.2
108 89.7 55.5 95.5



#63
Azobenzene
Concen: 4.439 ng
RT: 15.66 min Scan# 2154
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion: 77 Resp: 151340
Ion Ratio Lower Upper
77 100
182 26.6 8.3 48.3
105 20.6 1.5 41.5
51 31.6 8.8 48.8

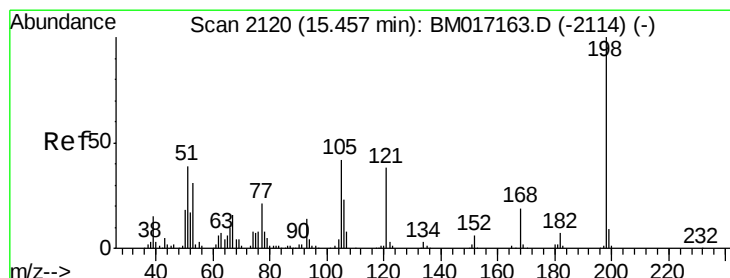
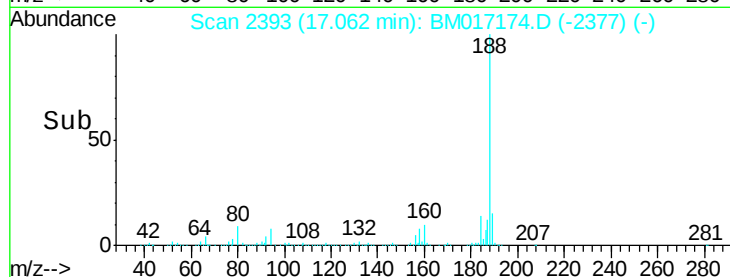
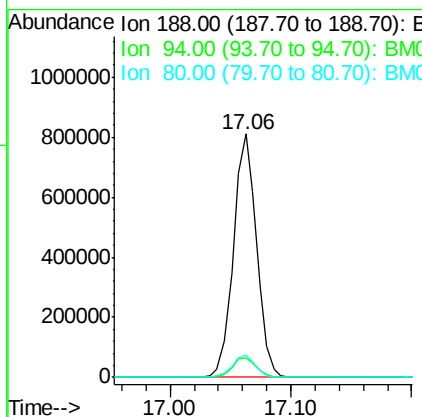
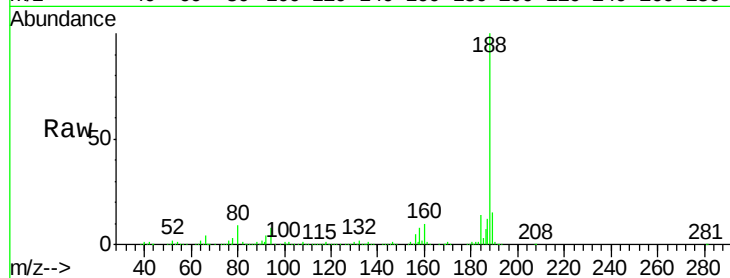




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

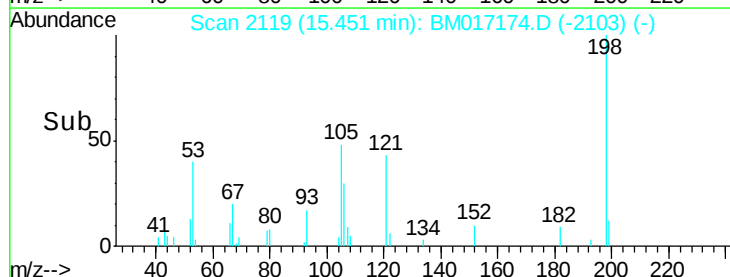
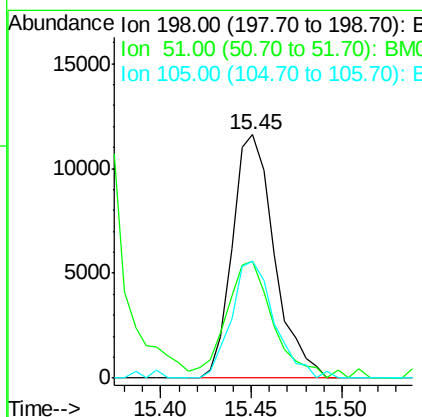
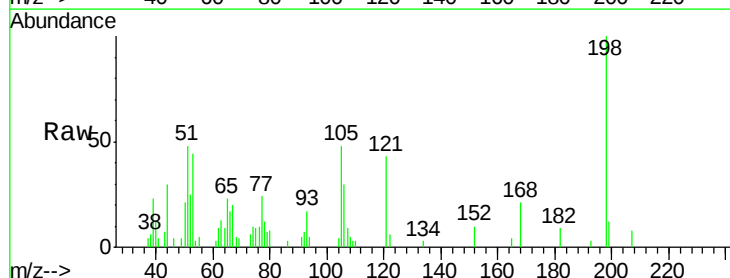
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

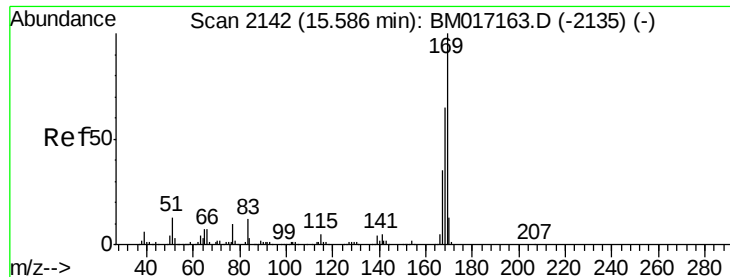
Tgt Ion:188 Resp: 1079827
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.4
80 9.1 7.7 11.5



#65
4,6-Dinitro-2-methylphenol
Concen: 9.312 ng
RT: 15.45 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:198 Resp: 18750
Ion Ratio Lower Upper
198 100
51 47.9 20.3 60.3
105 48.0 21.9 61.9

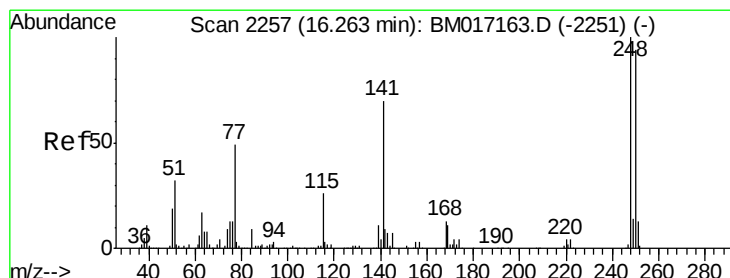
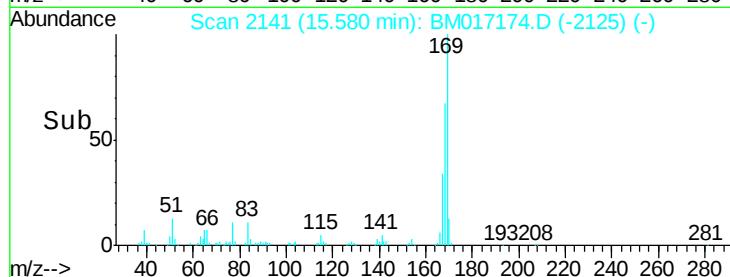
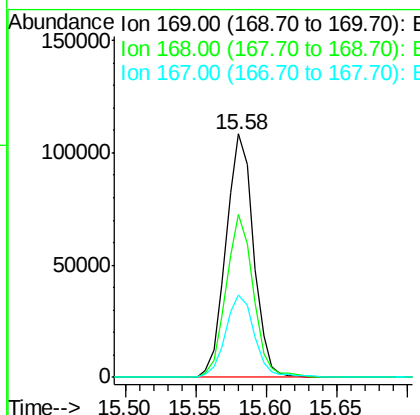
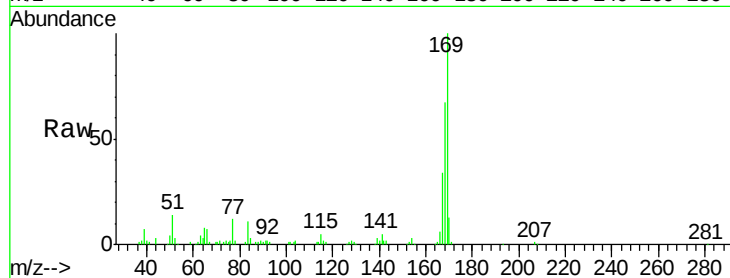




#66
 n-Nitrosodiphenylamine
 Concen: 4.509 ng
 RT: 15.58 min Scan# 2141
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

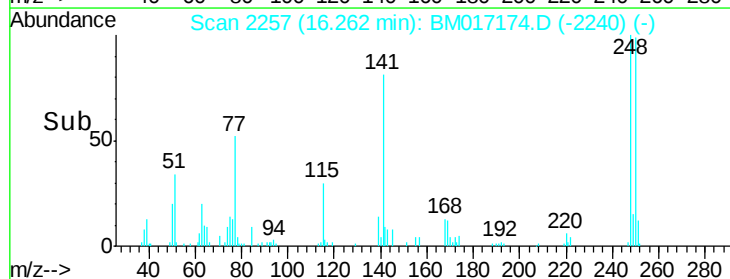
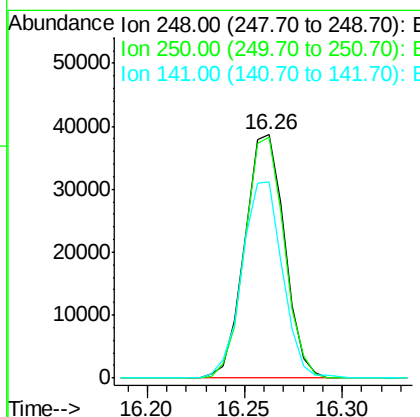
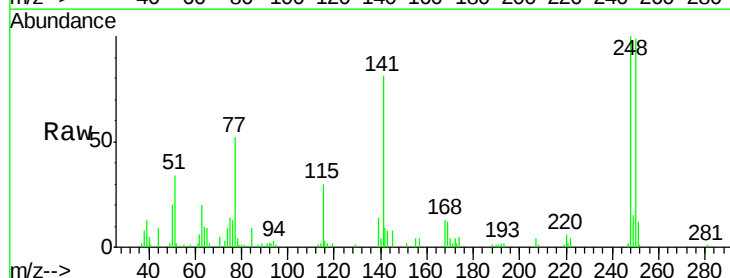
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

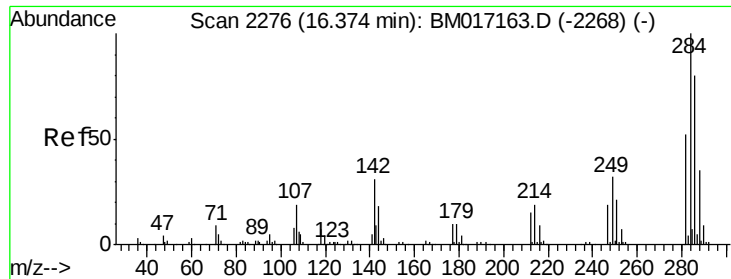
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.9	52.2	78.4
167	34.0	28.4	42.6



#67
 4-Bromophenyl-phenylether
 Concen: 4.614 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.00 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.8	75.1	112.7
141	80.6	55.6	83.4

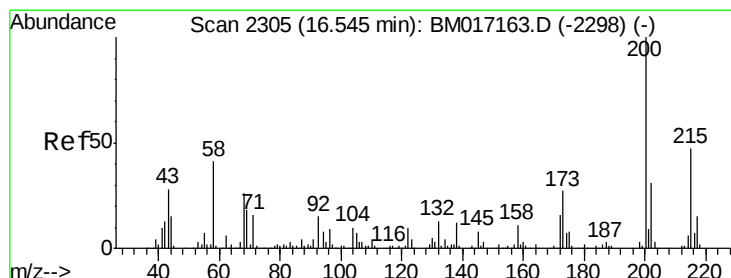
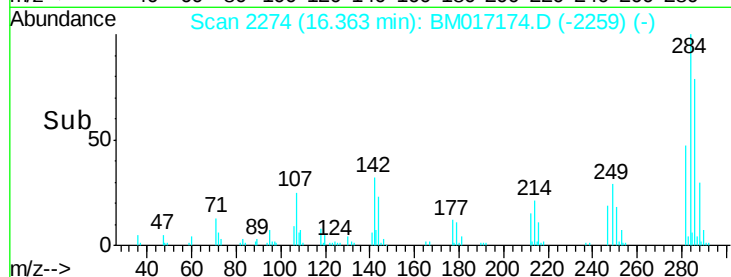
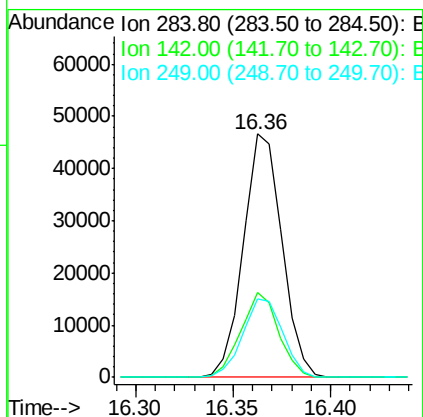
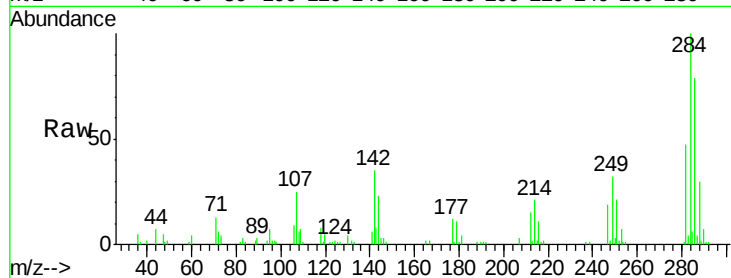




#68
Hexachlorobenzene
Concen: 4.641 ng
RT: 16.36 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

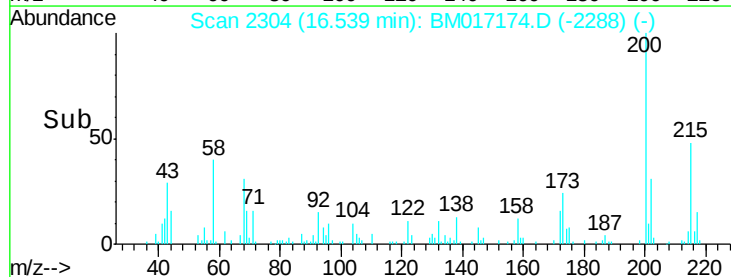
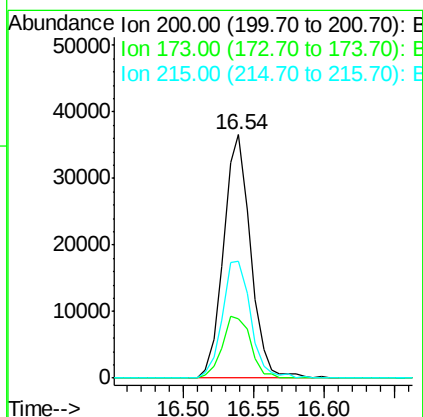
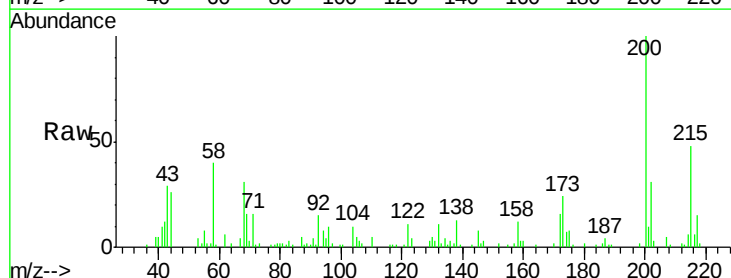
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

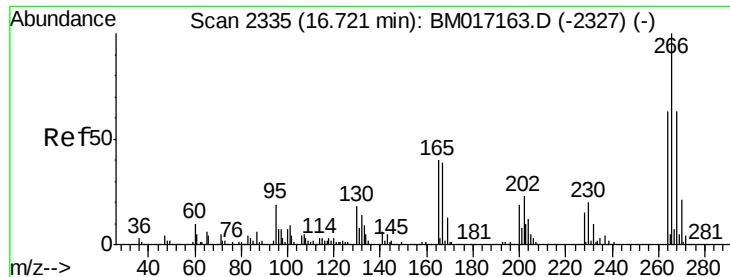
Tgt Ion:284 Resp: 63918
Ion Ratio Lower Upper
284 100
142 34.8 25.0 37.6
249 32.0 25.5 38.3



#69
Atrazine
Concen: 4.173 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:200 Resp: 48795
Ion Ratio Lower Upper
200 100
173 24.2 7.0 47.0
215 48.0 27.3 67.3

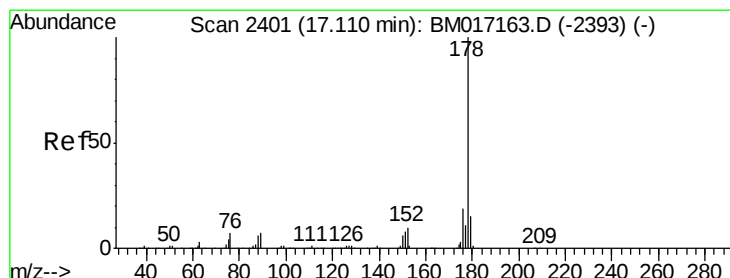
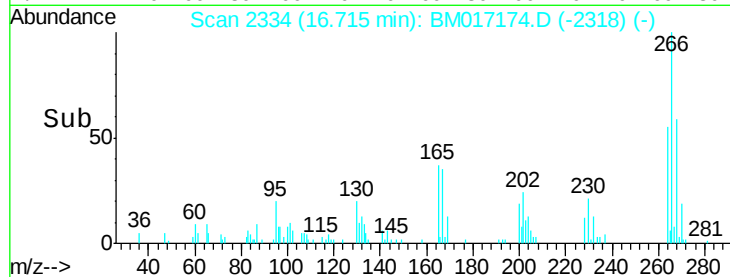
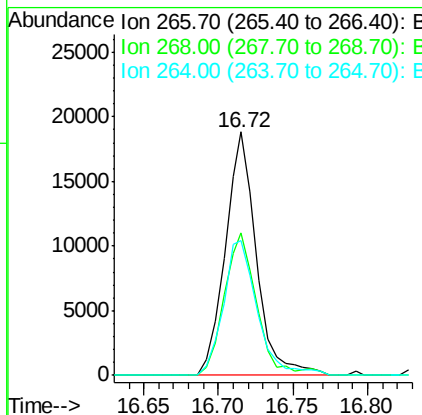
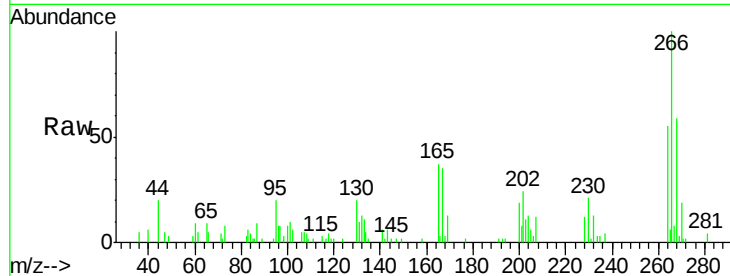




#70
 Pentachlorophenol
 Concen: 2.908 ng
 RT: 16.72 min Scan# 2334
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

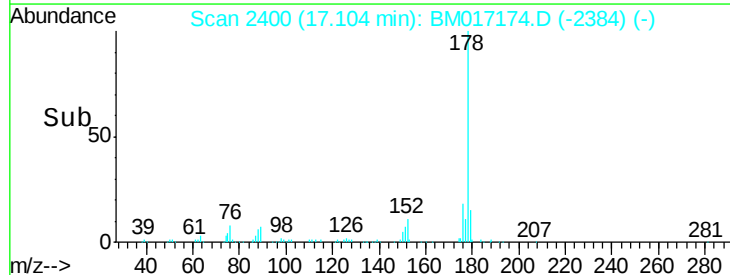
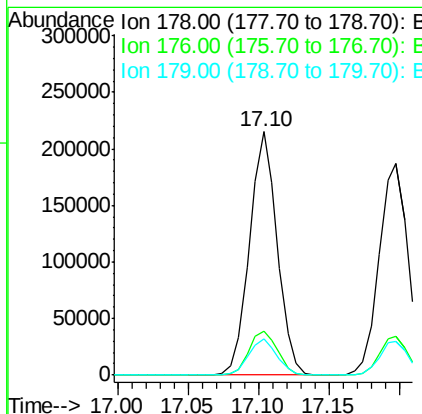
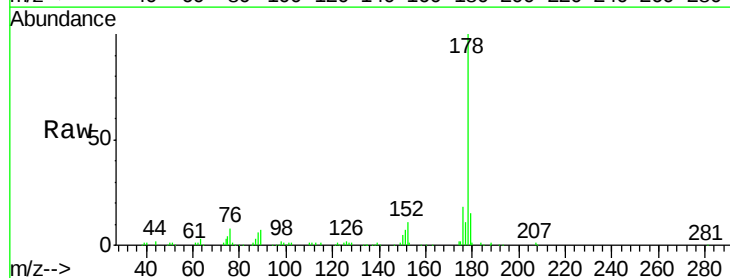
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

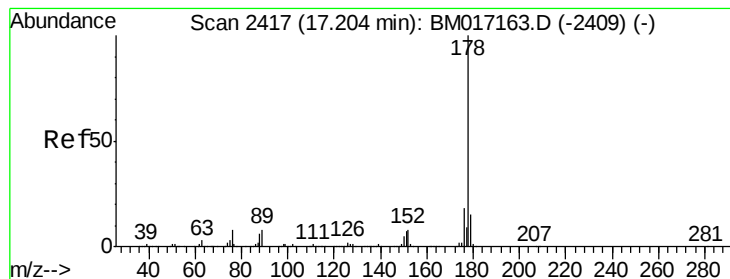
Tgt Ion: 266 Resp: 27435
 Ion Ratio Lower Upper
 266 100
 268 58.5 50.7 76.1
 264 55.5 50.4 75.6



#71
 Phenanthrene
 Concen: 5.083 ng
 RT: 17.10 min Scan# 2400
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion: 178 Resp: 296146
 Ion Ratio Lower Upper
 178 100
 176 17.8 15.0 22.6
 179 14.8 12.3 18.5





#72

Anthracene

Concen: 4.897 ng

RT: 17.20 min Scan# 2416

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

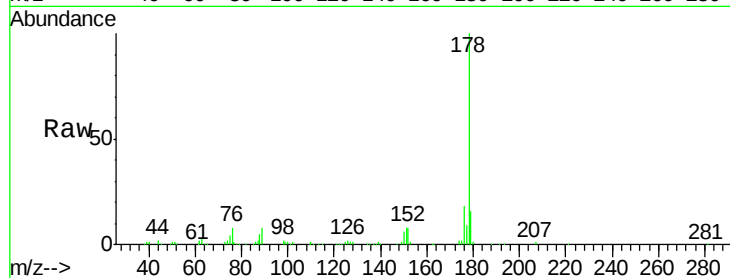
Tgt Ion:178 Resp: 271103

Ion Ratio Lower Upper

178 100

176 18.4 14.5 21.7

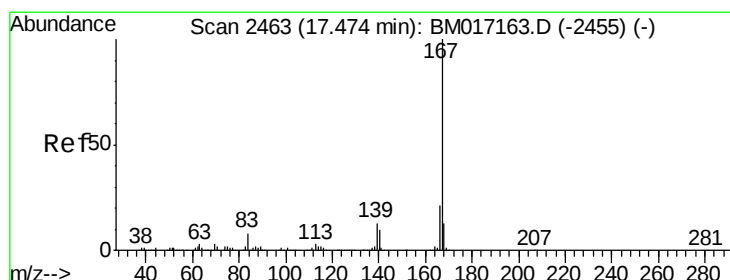
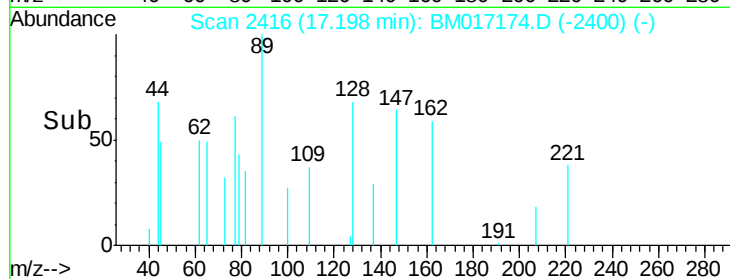
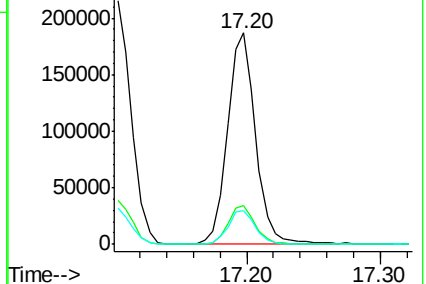
179 16.0 12.2 18.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 4.284 ng

RT: 17.47 min Scan# 2462

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

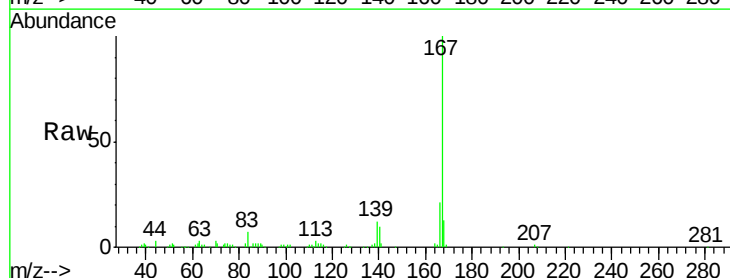
Tgt Ion:167 Resp: 242271

Ion Ratio Lower Upper

167 100

166 21.5 17.1 25.7

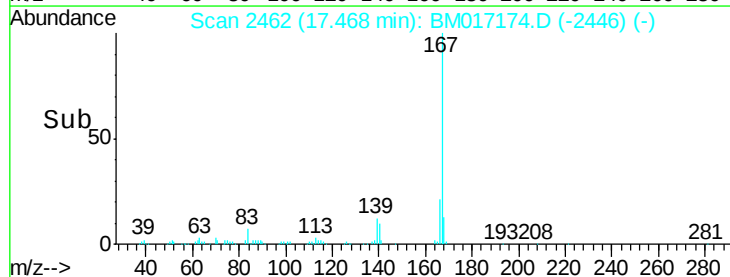
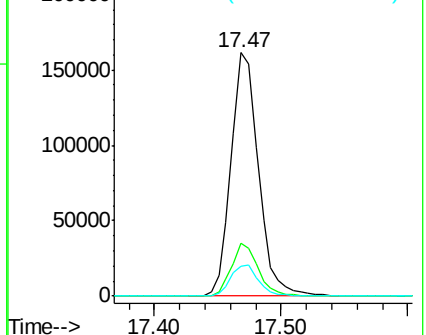
139 12.1 10.1 15.1

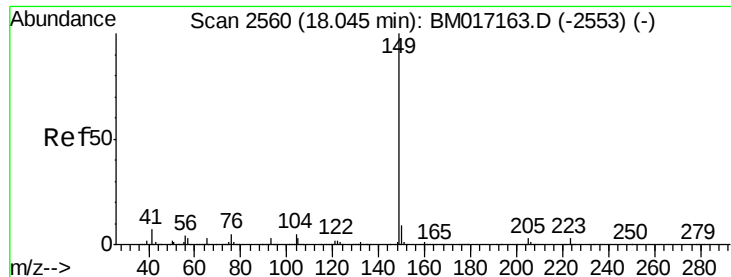


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 4.101 ng

RT: 18.04 min Scan# 2559

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

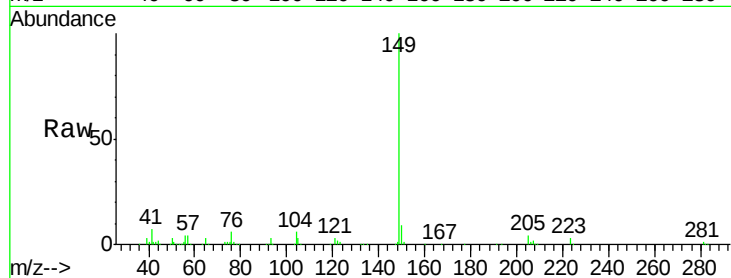
Tgt Ion:149 Resp: 244584

Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

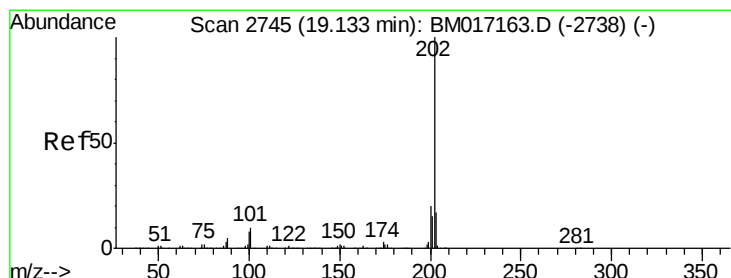
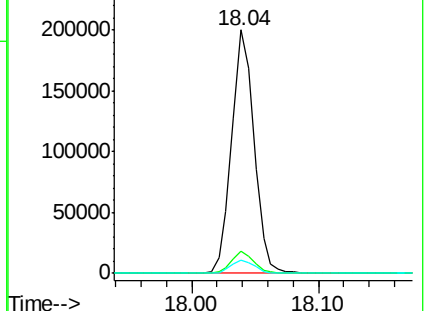
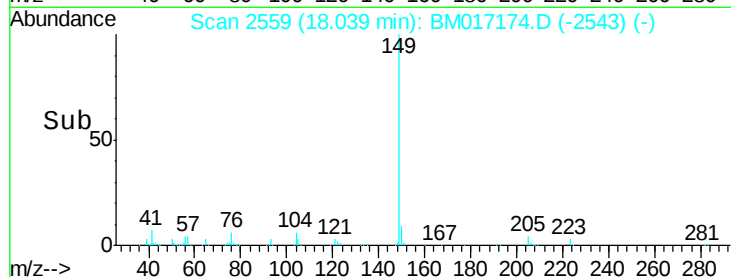
104 5.6 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 5.066 ng

RT: 19.13 min Scan# 2744

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

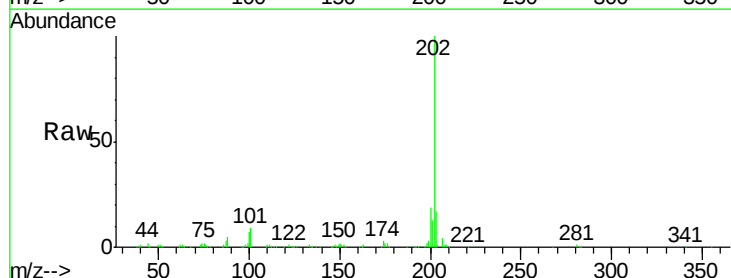
Tgt Ion:202 Resp: 332131

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.0

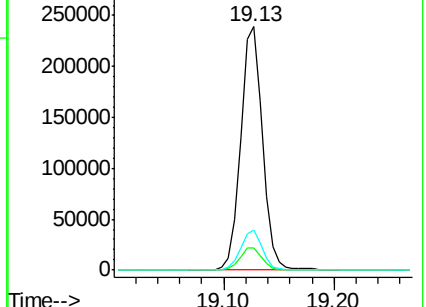
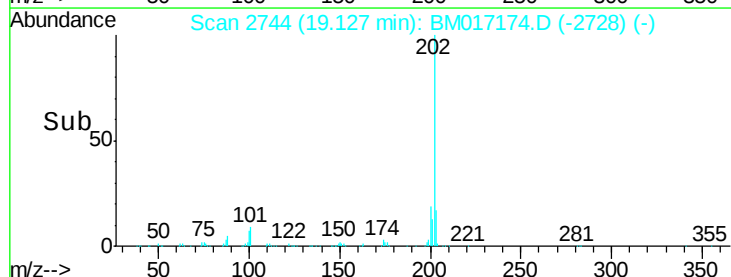
203 16.7 0.0 37.2

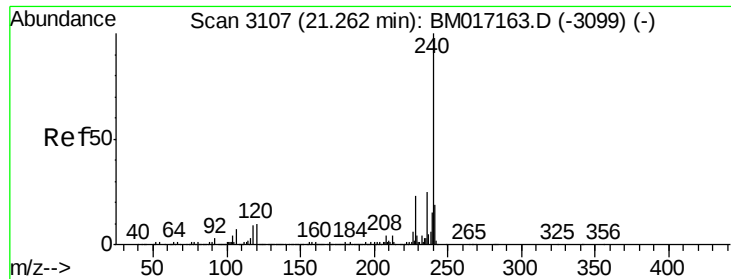


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

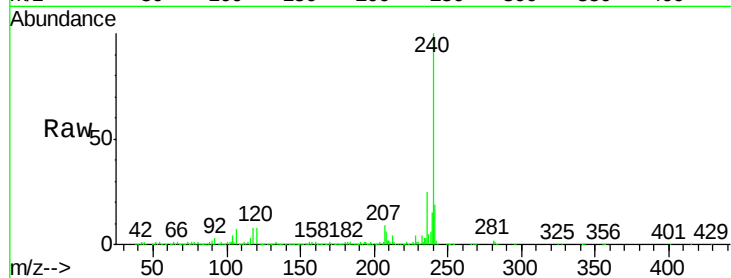




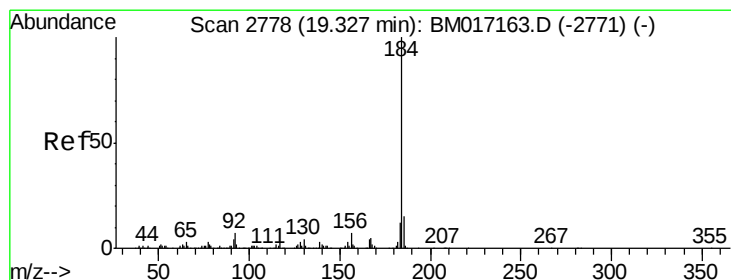
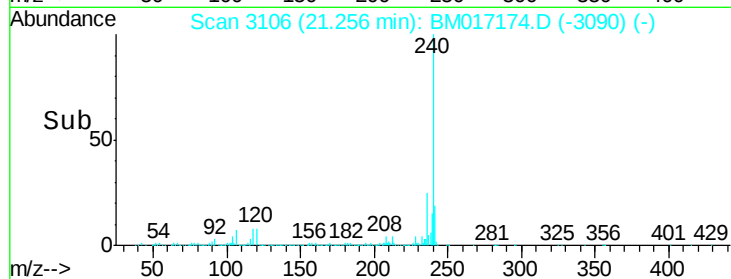
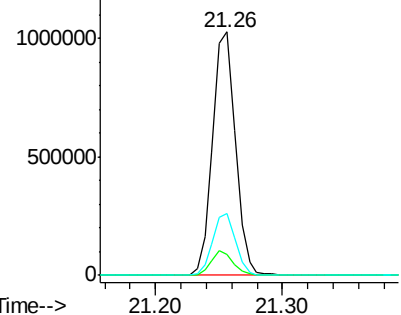
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3106
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion:240 Resp: 1285532
Ion Ratio Lower Upper
240 100
120 8.5 8.1 12.1
236 25.2 19.9 29.9

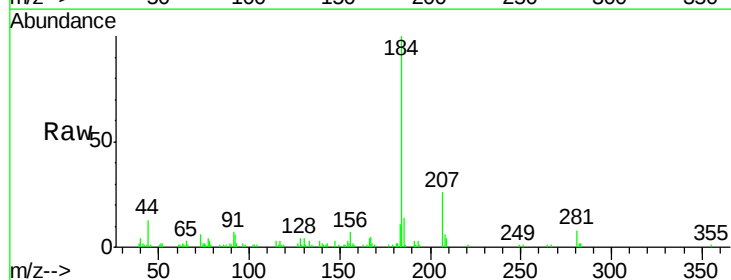


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

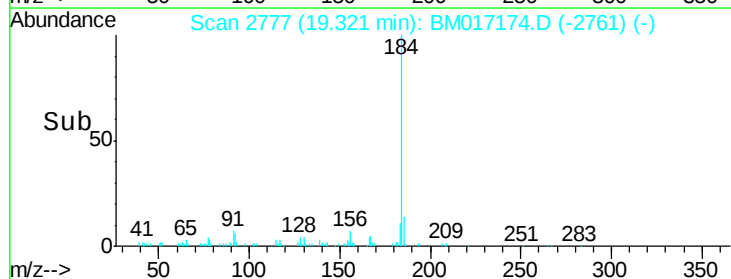
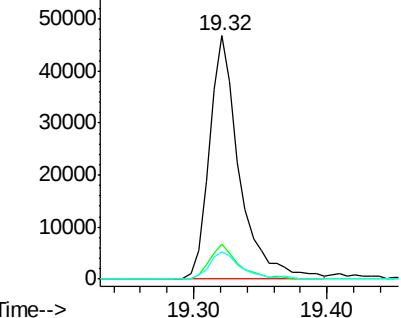


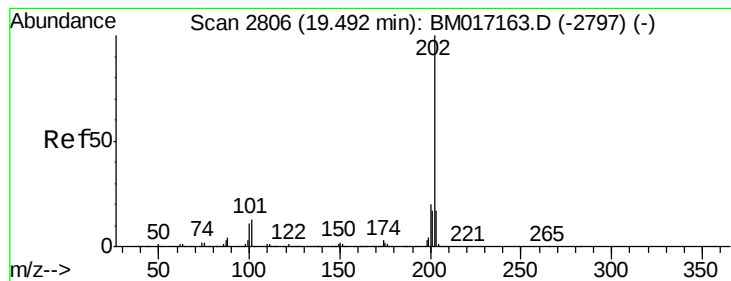
#77
Benzidine
Concen: 2.270 ng
RT: 19.32 min Scan# 2777
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:184 Resp: 73999
Ion Ratio Lower Upper
184 100
185 14.4 11.8 17.8
183 11.1 9.7 14.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





#78

Pyrene

Concen: 4.788 ng

RT: 19.49 min Scan# 2805

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

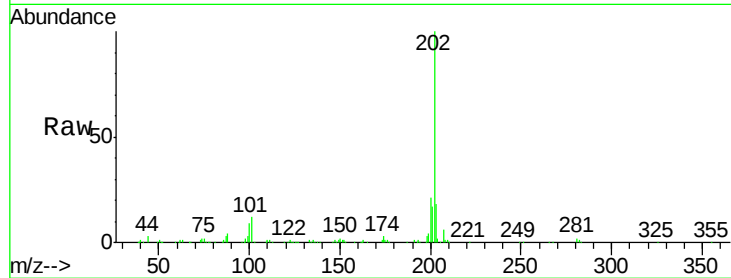
Tgt Ion:202 Resp: 344013

Ion Ratio Lower Upper

202 100

200 21.2 16.3 24.5

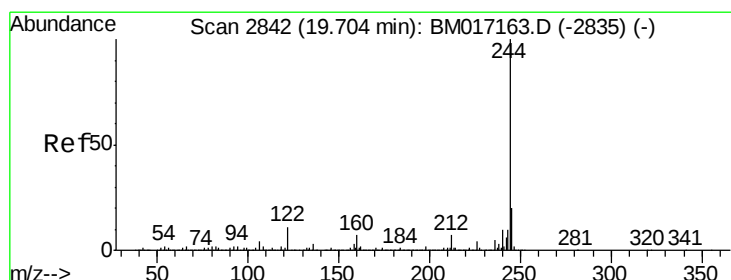
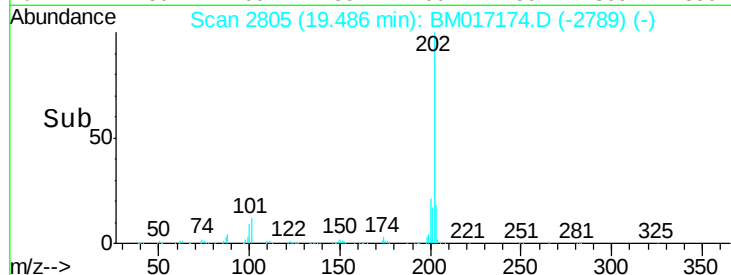
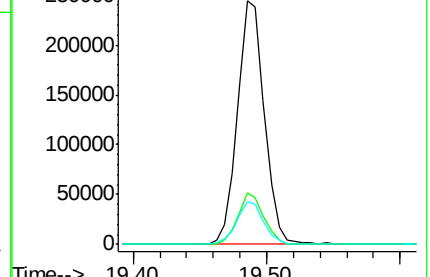
203 17.6 13.9 20.9



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#79

Terphenyl-d14

Concen: 80.101 ng

RT: 19.70 min Scan# 2842

Delta R.T. -0.00 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

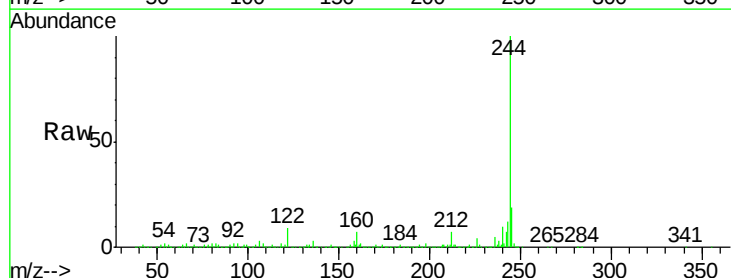
Tgt Ion:244 Resp: 4568412

Ion Ratio Lower Upper

244 100

212 7.2 5.5 8.3

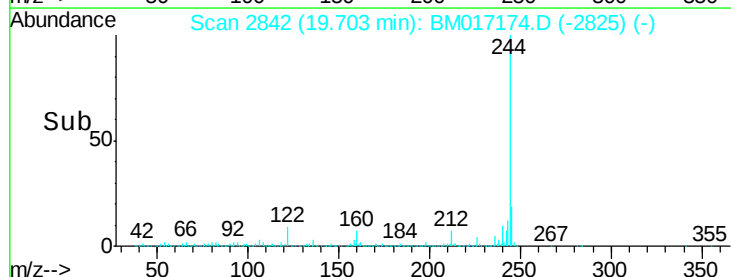
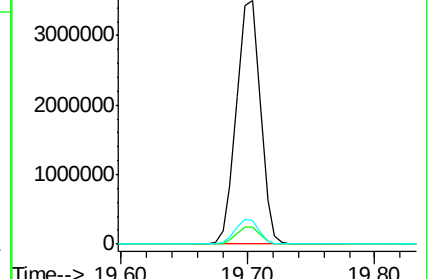
122 9.5 8.4 12.6

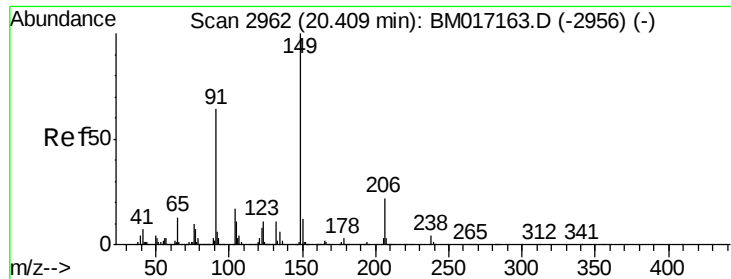


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

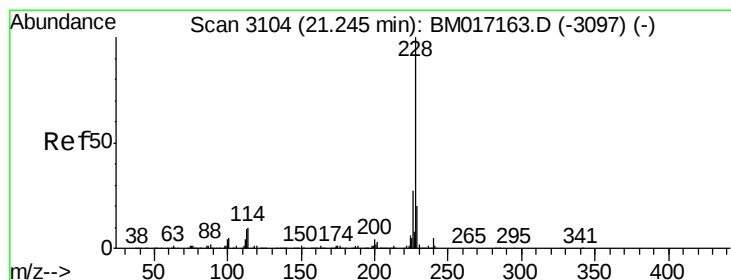
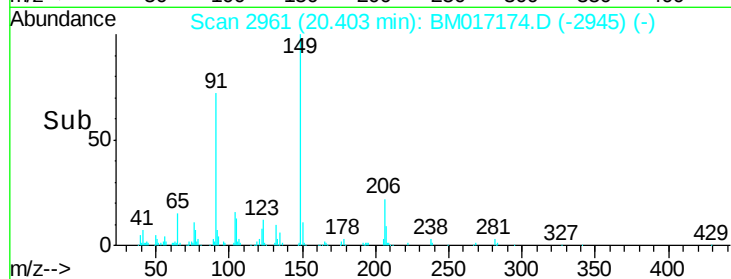
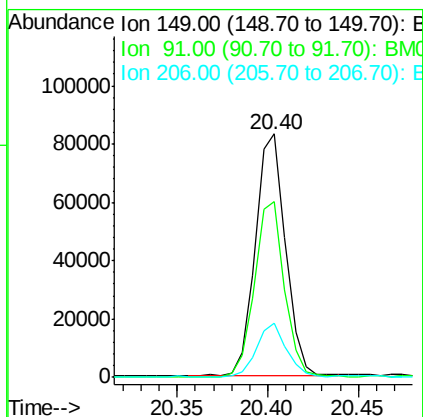
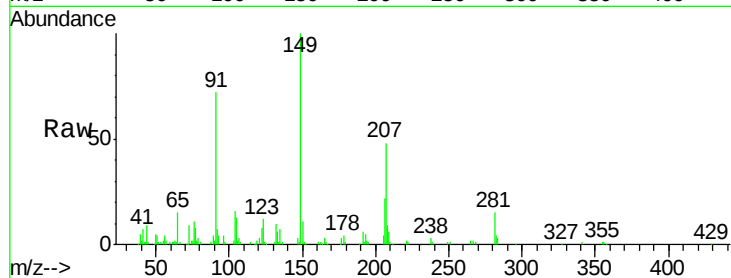




#80
Butylbenzylphthalate
Concen: 10.174 ng
RT: 20.40 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

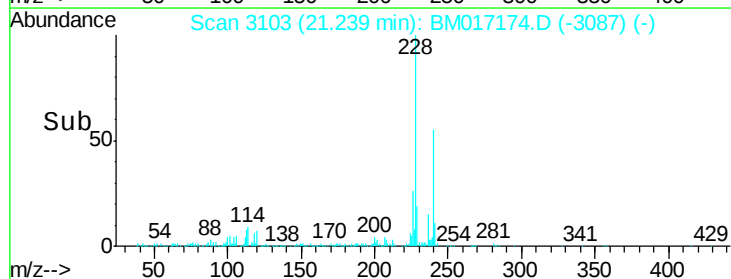
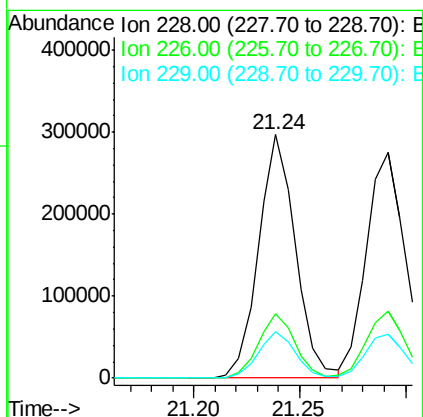
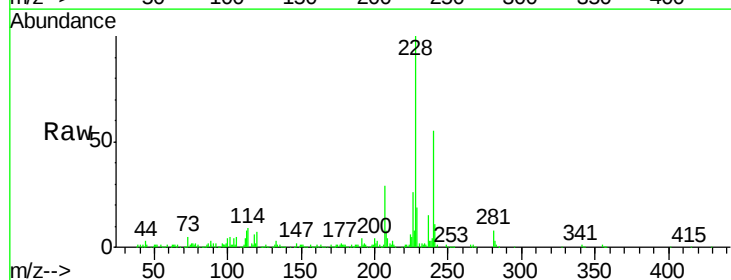
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

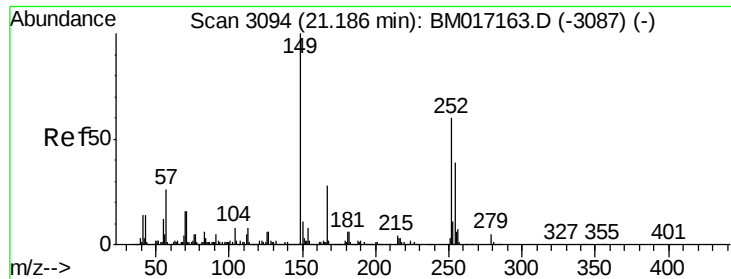
Tgt Ion:149 Resp: 96376
Ion Ratio Lower Upper
149 100
91 72.2 51.3 76.9
206 22.4 18.0 27.0



#81
Benzo(a)anthracene
Concen: 5.010 ng
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:228 Resp: 362465
Ion Ratio Lower Upper
228 100
226 26.5 21.4 32.0
229 19.0 15.9 23.9

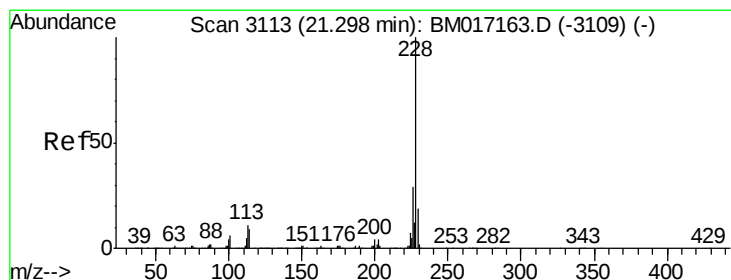
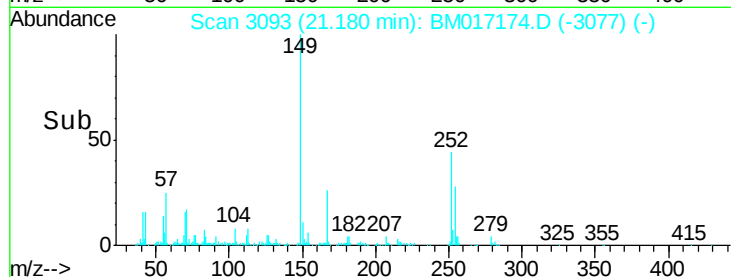
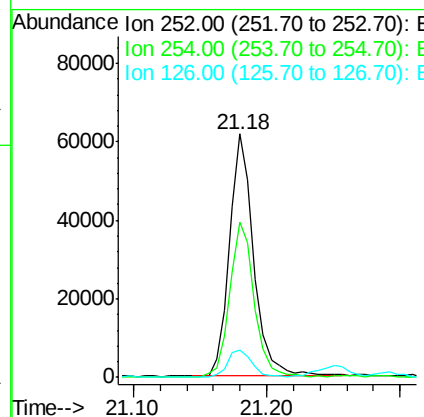
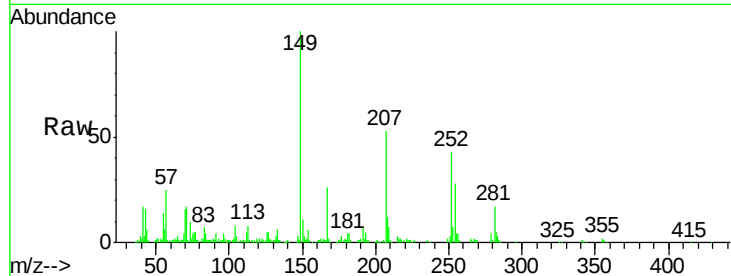




#82
 3,3'-Dichlorobenzidine
 Concen: 2.916 ng
 RT: 21.18 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

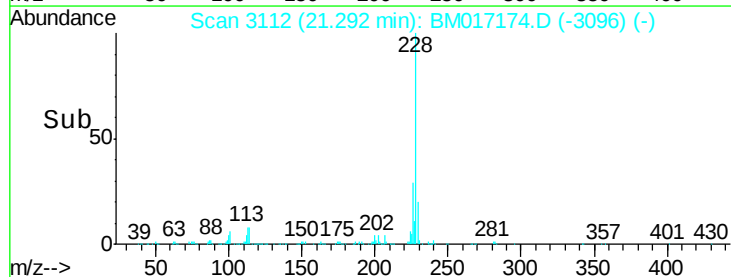
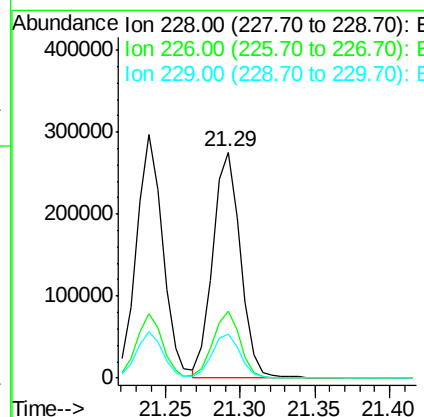
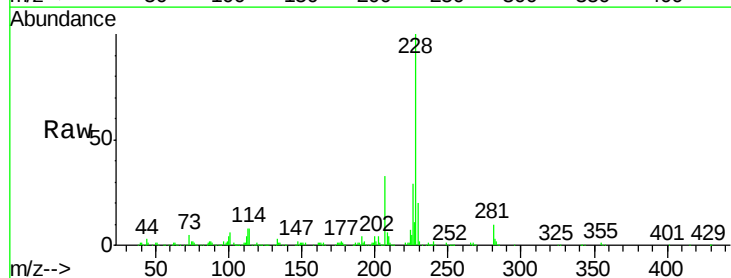
Instrument :
 BNA_M
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2018

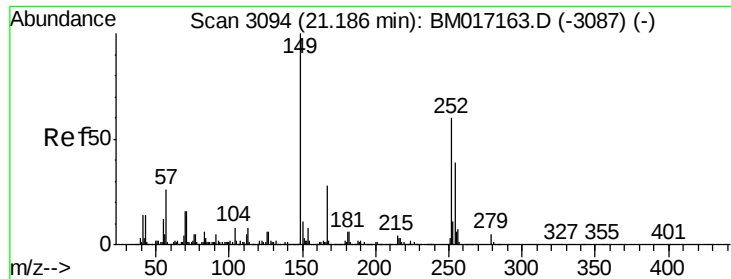
Tgt Ion: 252 Resp: 78632
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.1 78.1
 126 11.1 8.6 12.8



#83
 Chrysene
 Concen: 4.953 ng
 RT: 21.29 min Scan# 3112
 Delta R.T. -0.01 min
 Lab File: BM017174.D
 Acq: 18 Oct 2018 00:47

Tgt Ion: 228 Resp: 354658
 Ion Ratio Lower Upper
 228 100
 226 29.4 23.3 34.9
 229 19.7 15.6 23.4

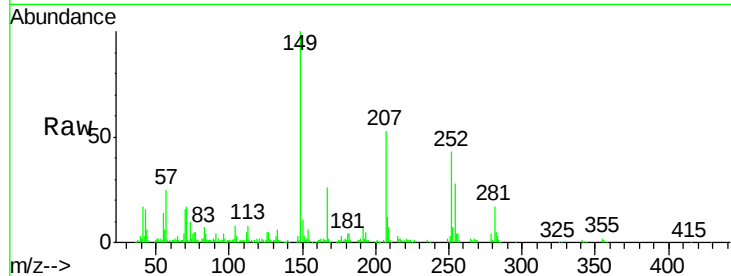




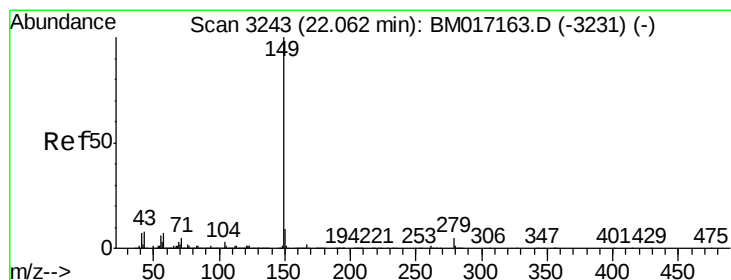
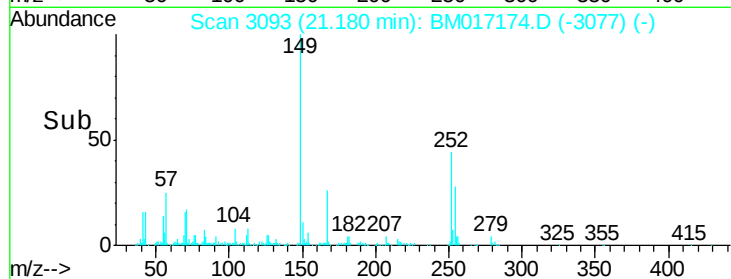
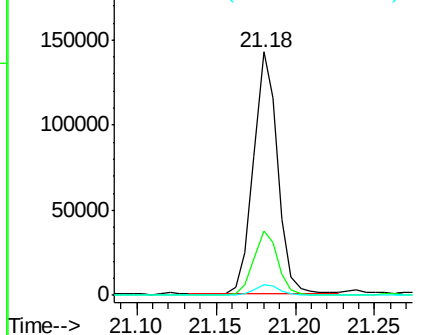
#84
Bis(2-ethylhexyl)phthalate
Concen: 8.517 ng
RT: 21.18 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

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

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.2	33.4
279	4.1	3.6	5.4

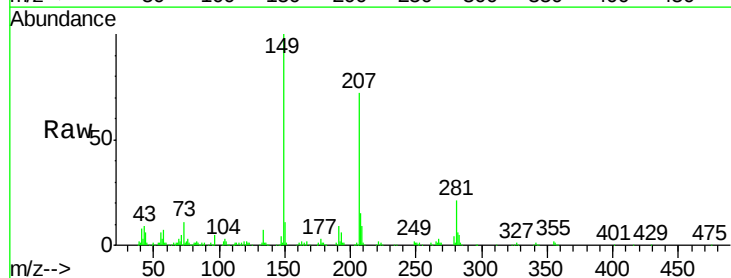


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E

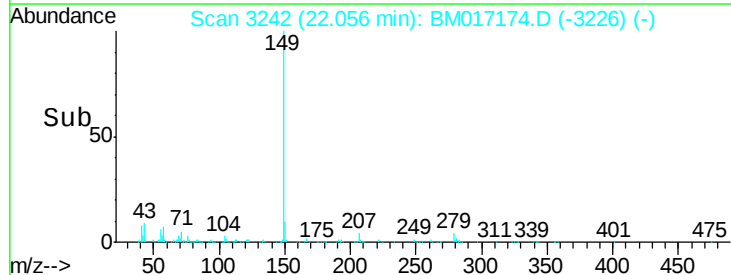
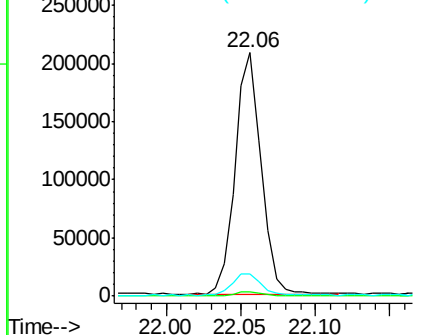


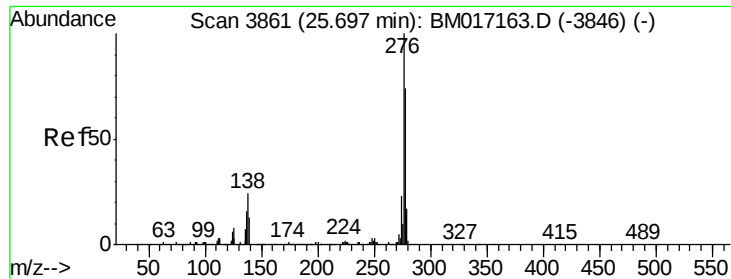
#85
Di-n-octyl phthalate
Concen: 8.707 ng
RT: 22.06 min Scan# 3242
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion	Ratio	Lower	Upper
149	100		
167	2.3	1.4	2.0#
43	9.9	7.2	10.8



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





#86

Indeno(1,2,3-cd)pyrene

Concen: 5.109 ng

RT: 25.68 min Scan# 3858

Delta R.T. -0.02 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

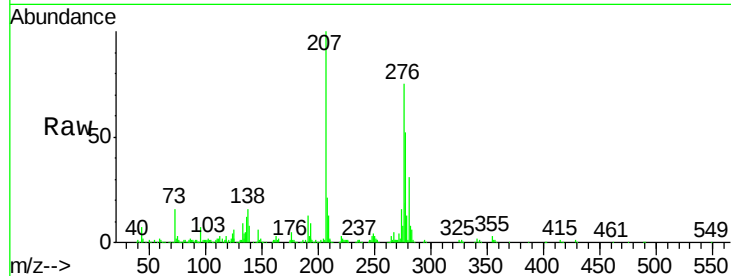
Tgt Ion:276 Resp: 409141

Ion Ratio Lower Upper

276 100

138 23.2 19.5 29.3

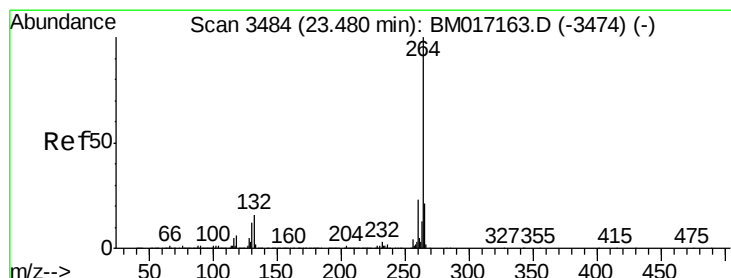
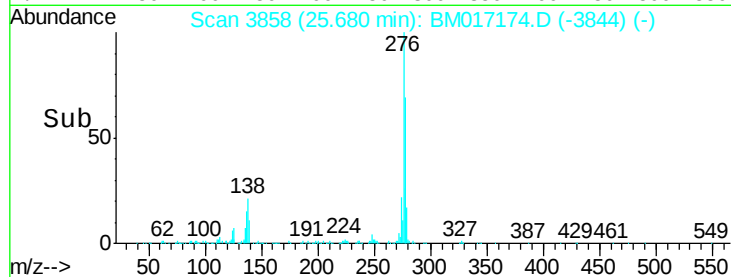
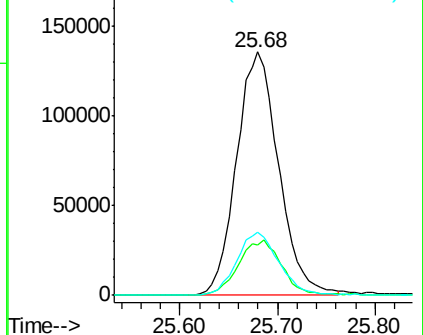
277 25.9 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

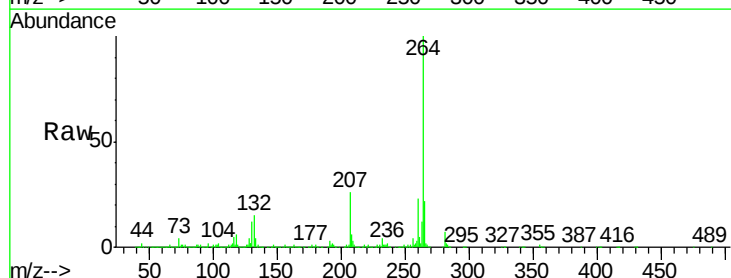
Tgt Ion:264 Resp: 1329908

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

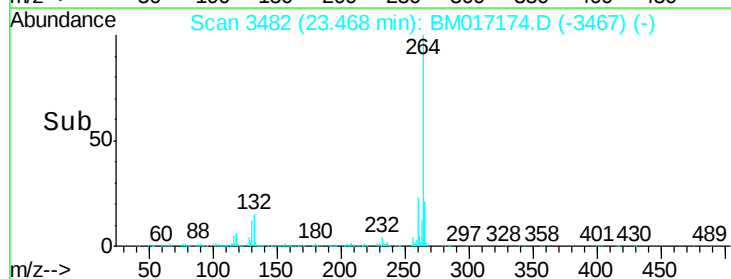
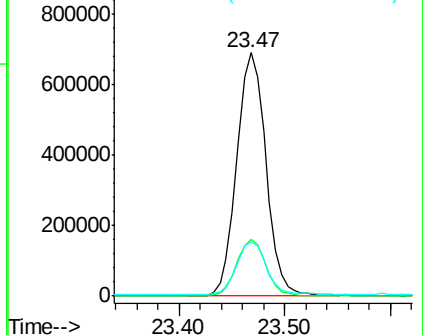
265 22.3 17.8 26.8

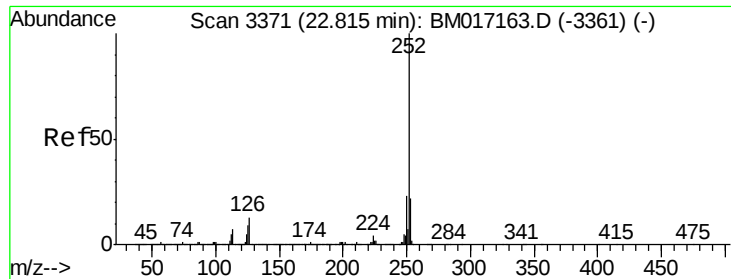


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

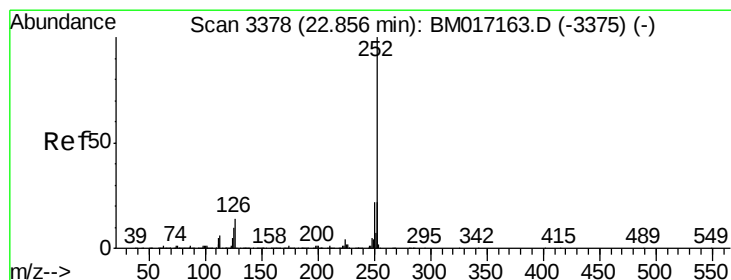
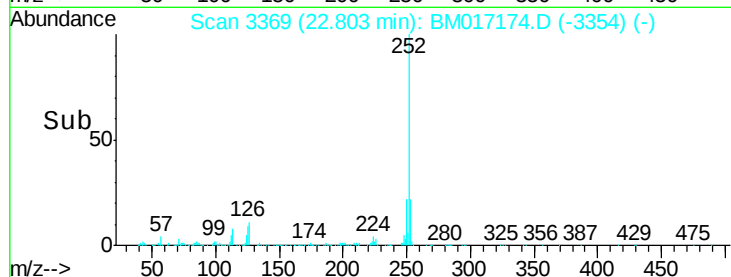
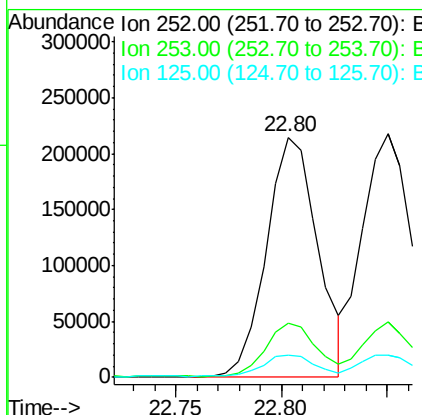
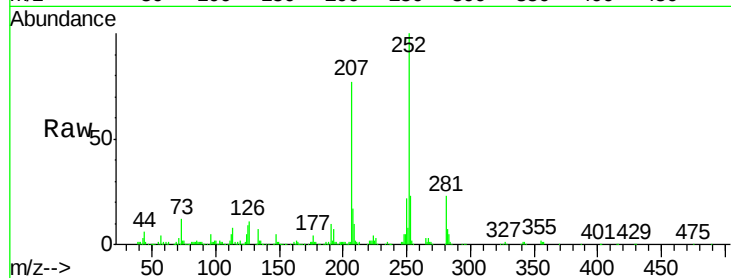




#88
Benzo(b)fluoranthene
Concen: 4.974 ng
RT: 22.80 min Scan# 3369
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

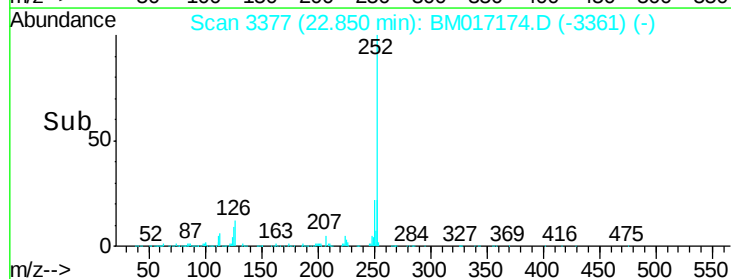
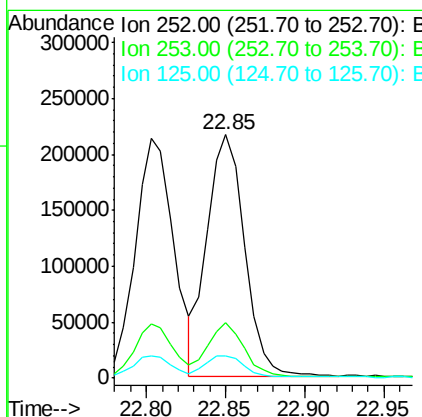
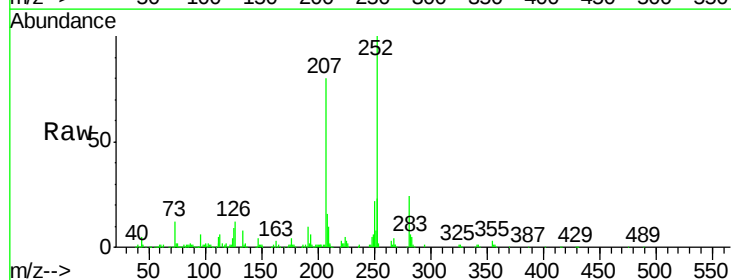
Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT4-2018

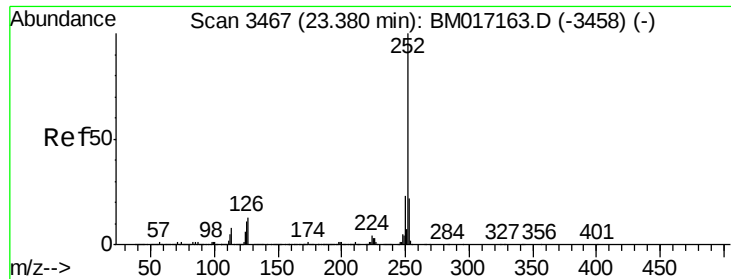
Tgt Ion:252 Resp: 361649
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 9.2 7.5 11.3



#89
Benzo(k)fluoranthene
Concen: 4.907 ng
RT: 22.85 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM017174.D
Acq: 18 Oct 2018 00:47

Tgt Ion:252 Resp: 358045
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 9.0 8.2 12.2





#90

Benzo(a)pyrene

Concen: 4.987 ng

RT: 23.37 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

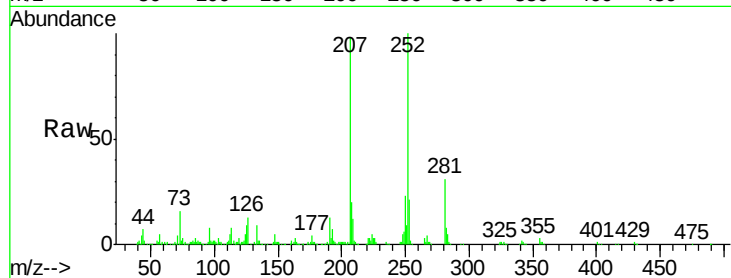
Tgt Ion:252 Resp: 344254

Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

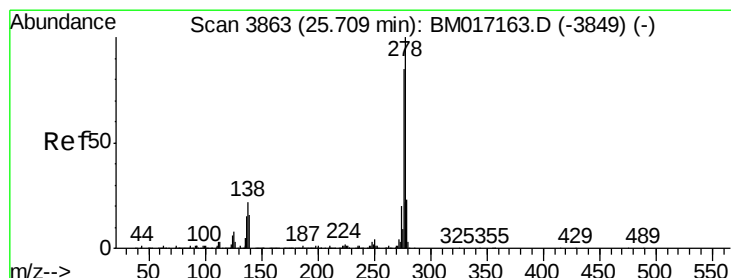
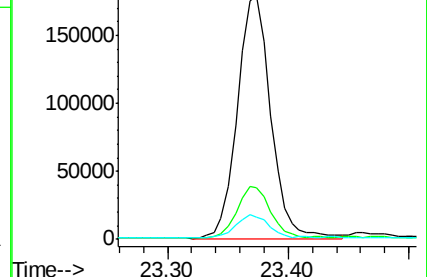
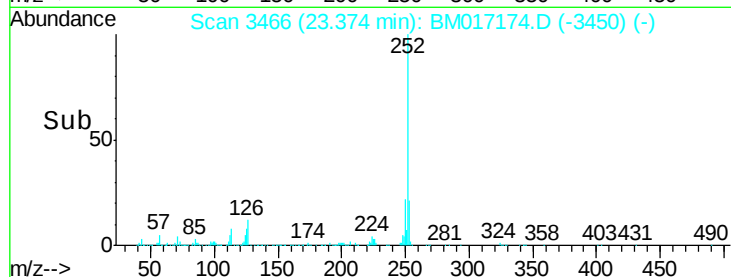
125 9.1 8.6 13.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 5.017 ng

RT: 25.69 min Scan# 3860

Delta R.T. -0.02 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

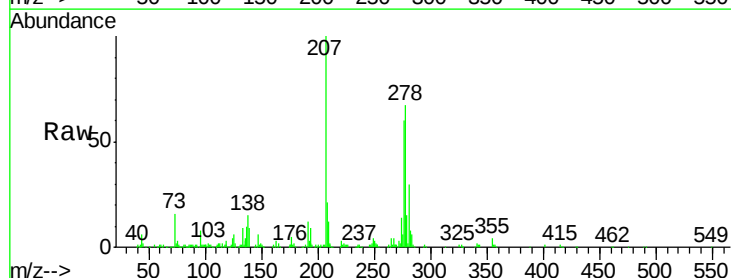
Tgt Ion:278 Resp: 343901

Ion Ratio Lower Upper

278 100

139 13.8 12.7 19.1

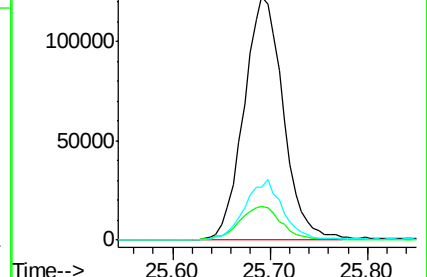
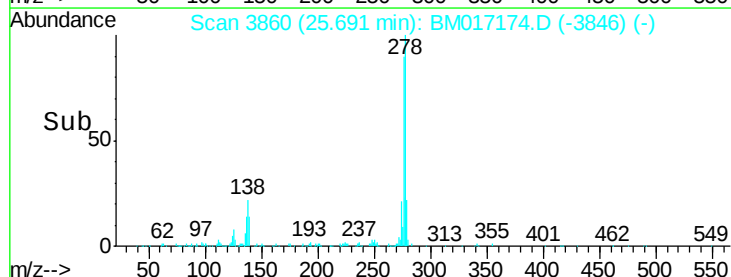
279 22.0 18.7 28.1

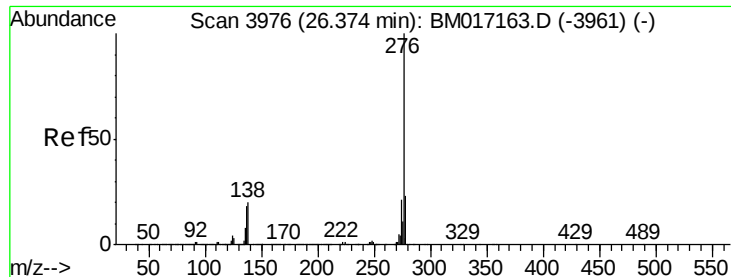


Abundance Ion 278.00 (277.70 to 278.70): E

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: 5.184 ng

RT: 26.35 min Scan# 3972

Delta R.T. -0.02 min

Lab File: BM017174.D

Acq: 18 Oct 2018 00:47

Instrument :

BNA_M

ClientSampleId :

LOD-MDL-WATER-01-QT4-2018

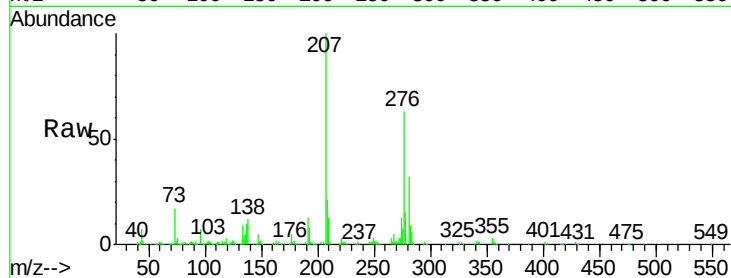
Tgt Ion: 276 Resp: 352230

Ion Ratio Lower Upper

276 100

277 24.1 18.6 28.0

138 19.5 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

