

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
 Data File : BM009331.D
 Acq On : 22 Mar 2017 22:58
 Operator : SJ/MA
 Sample : I2296-05
 Misc : LOD 2 PPB
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Quant Time: Mar 23 04:12:15 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	183135	20.00	ng	0.00
21) Naphthalene-d8	10.66	136	672702	20.00	ng	0.00
38) Acenaphthene-d10	14.50	164	379981	20.00	ng	0.00
63) Phenanthrene-d10	17.25	188	874945	20.00	ng	0.00
75) Chrysene-d12	21.42	240	1158150	20.00	ng	0.00
86) Perylene-d12	23.75	264	1087551	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1607826	146.34	ng	0.00
7) Phenol-d6	7.02	99	2165044	144.50	ng	0.00
23) Nitrobenzene-d5	9.03	82	1660004	92.52	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	723847	153.34	ng	0.00
44) 2-Fluorobiphenyl	13.12	172	2965390	94.04	ng	0.00
78) Terphenyl-d14	19.87	244	4516280	81.49	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	13400	2.43	ng	# 100
3) Pyridine	3.78	79	26168	1.68	ng	# 82
4) n-Nitrosodimethylamine	3.69	42	16376	1.97	ng	# 68
6) Aniline	7.19	93	39771	1.95	ng	# 94
8) 2-Chlorophenol	7.42	128	23389	2.10	ng	# 89
9) Benzaldehyde	7.01	77	29254	2.48	ng	# 80
10) Phenol	7.04	94	32479	2.00	ng	# 66
11) bis(2-Chloroethyl)ether	7.29	93	26615	2.00	ng	# 76
12) 1,3-Dichlorobenzene	7.75	146	27424	2.06	ng	# 75
13) 1,4-Dichlorobenzene	7.89	146	27416	1.99	ng	# 95
14) 1,2-Dichlorobenzene	8.22	146	29339	2.19	ng	# 84
15) Benzyl Alcohol	8.10	79	25852	1.97	ng	# 81
16) 2,2'-oxybis(1-Chloropropan	8.39	45	45451	1.97	ng	# 95
17) 2-Methylphenol	8.29	107	20746	1.95	ng	# 78
18) Hexachloroethane	8.93	117	11072	1.96	ng	# 91
19) n-Nitroso-di-n-propylamine	8.66	70	20279	1.68	ng	# 83
20) 3+4-Methylphenols	8.62	107	25173	1.74	ng	# 87
22) Acetophenone	8.69	105	36032	1.90	ng	# 84
24) Nitrobenzene	9.07	77	36156	2.06	ng	# 96
25) Isophorone	9.59	82	50453	1.84	ng	# 89
26) 2-Nitrophenol	9.77	139	8467	1.60	ng	# 52
27) 2,4-Dimethylphenol	9.83	122	15630	1.61	ng	# 80
28) bis(2-Chloroethoxy)methane	10.07	93	33839	2.00	ng	# 95
29) 2,4-Dichlorophenol	10.30	162	18913	1.87	ng	# 88
30) 1,2,4-Trichlorobenzene	10.52	180	25514	2.03	ng	# 97
31) Naphthalene	10.70	128	74195	2.08	ng	# 95
32) Benzoic acid	9.90	122	1255	0.19	ng	# 28
33) 4-Chloroaniline	10.83	127	25036	1.82	ng	# 85
34) Hexachlorobutadiene	10.98	225	17880	2.08	ng	# 94
35) Caprolactam	11.60	113	4787	1.55	ng	# 35
36) 4-Chloro-3-methylphenol	11.93	107	18784	1.64	ng	# 92
37) 2-Methylnaphthalene	12.32	142	45315	1.84	ng	# 85
39) 1,2,4,5-Tetrachlorobenzene	12.68	216	29078	2.03	ng	# 100
40) Hexachlorocyclopentadiene	12.66	237	11889	1.44	ng	# 87

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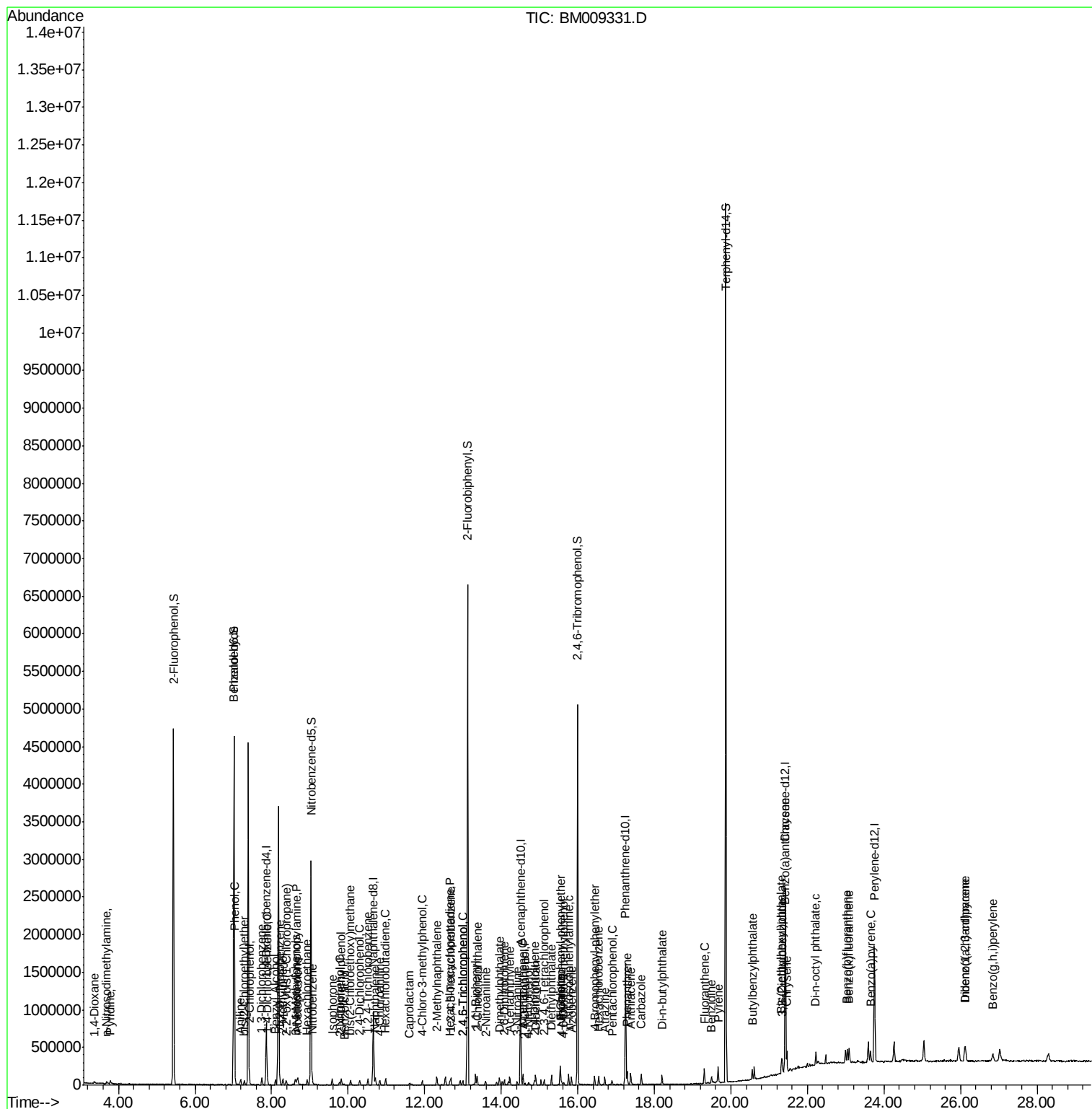
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.00	196	11482	1.40	nq	97
43) 2,4,5-Trichlorophenol	13.00	196	14233	1.56	nq	# 92
45) 1,1'-Biphenyl	13.33	154	66746	2.11	nq	94
46) 2-Chloronaphthalene	13.37	162	50280	2.05	nq	98
47) 2-Nitroaniline	13.59	65	14168	1.57	nq	# 70
48) Acenaphthylene	14.22	152	69713	1.74	nq	# 93
49) Dimethylphthalate	13.95	163	55178	1.89	nq	# 96
50) 2,6-Dinitrotoluene	14.08	165	10207	1.62	nq	# 85
51) Acenaphthene	14.56	154	46523	1.93	nq	95
52) 3-Nitroaniline	14.42	138	8730	1.41	nq	# 29
53) 2,4-Dinitrophenol	14.62	184	3832	6.31	nq	# 88
54) Dibenzofuran	14.90	168	72374	2.03	nq	# 87
55) 4-Nitrophenol	14.72	139	5916	1.16	nq	88
56) 2,4-Dinitrotoluene	14.87	165	12187	1.43	nq	# 91
57) Fluorene	15.55	166	58743	1.83	nq	95
58) 2,3,4,6-Tetrachlorophenol	15.13	232	11756	1.52	nq	# 100
59) Diethylphthalate	15.32	149	52399	1.77	nq	97
60) 4-Chlorophenyl-phenylether	15.54	204	32253	1.93	nq	94
61) 4-Nitroaniline	15.58	138	9151	1.36	nq	# 32
62) Azobenzene	15.83	77	57252	1.66	nq	83
64) 4,6-Dinitro-2-methylphenol	15.63	198	6262	1.14	nq	# 71
65) n-Nitrosodiphenylamine	15.76	169	46714	1.76	nq	98
66) 4-Bromophenyl-phenylether	16.44	248	19700	1.94	nq	85
67) Hexachlorobenzene	16.54	284	21616	1.95	nq	90
68) Atrazine	16.70	200	18168	1.82	nq	90
69) Pentachlorophenol	16.90	266	10090	1.49	nq	# 77
70) Phenanthrene	17.29	178	99026	1.98	nq	99
71) Anthracene	17.38	178	90371	1.78	nq	97
72) Carbazole	17.66	167	86332	1.78	nq	96
73) Di-n-butylphthalate	18.20	149	75826	1.53	nq	# 97
74) Fluoranthene	19.30	202	110831	1.87	nq	99
76) Benzidine	19.50	184	42391	1.23	nq	100
77) Pyrene	19.67	202	116651	1.78	nq	98
79) Butylbenzylphthalate	20.56	149	33704	1.42	nq	# 71
80) Benzo(a)anthracene	21.41	228	130556	1.93	nq	99
81) 3,3'-Dichlorobenzidine	21.34	252	39936	1.58	nq	90
82) Chrysene	21.46	228	125495	1.94	nq	95
83) Bis(2-ethylhexyl)phthalate	21.32	149	55885	1.58	nq	# 98
84) Di-n-octyl phthalate	22.22	149	90359	1.54	nq	# 74
85) Indeno(1,2,3-cd)pyrene	26.11	276	142051	2.02	nq	# 100
87) Benzo(b)fluoranthene	23.04	252	135752	1.97	nq	# 93
88) Benzo(k)fluoranthene	23.09	252	119983	1.81	nq	97
89) Benzo(a)pyrene	23.64	252	121801	1.91	nq	99
90) Dibenzo(a,h)anthracene	26.13	278	121483	1.94	nq	# 93
91) Benzo(g,h,i)perylene	26.84	276	115746	1.90	nq	93

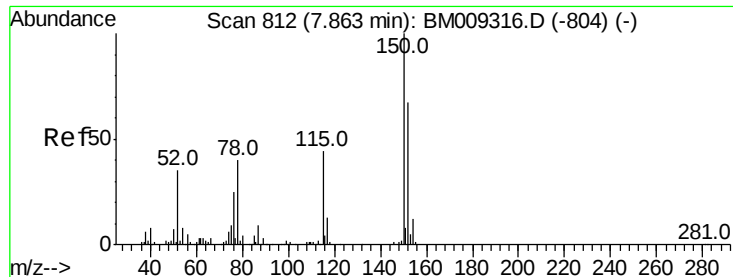
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

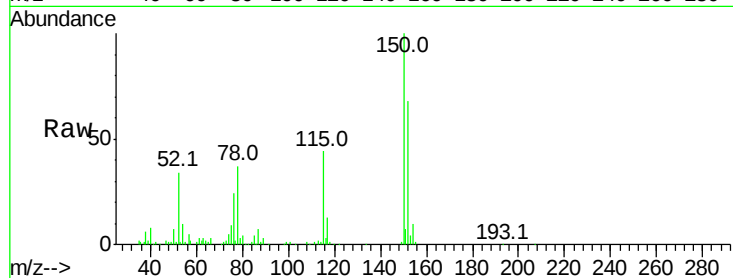
Tot Ion:152 Resp: 183135

Ion Ratio Lower Upper

152 100

150 147.3 119.5 179.3

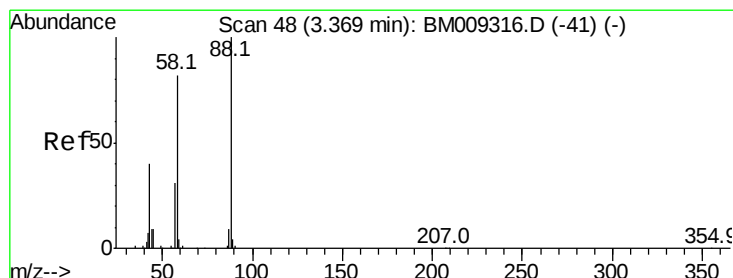
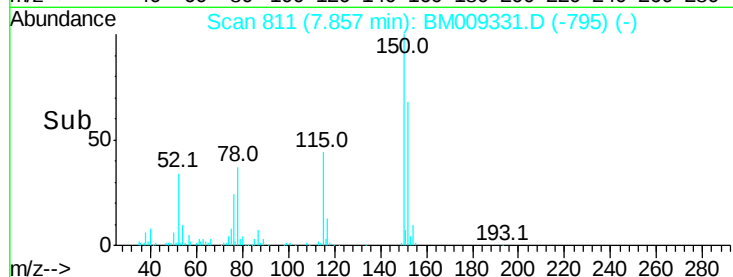
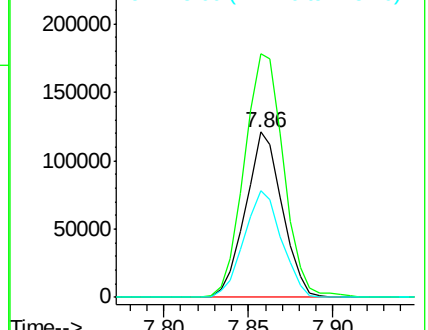
115 64.7 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 2.43 ng

RT: 3.37 min Scan# 48

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

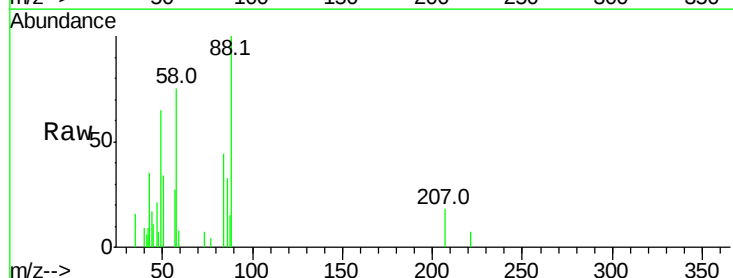
Tgt Ion: 88 Resp: 13400

Ion Ratio Lower Upper

88 100

58 70.0 0.0 0.0#

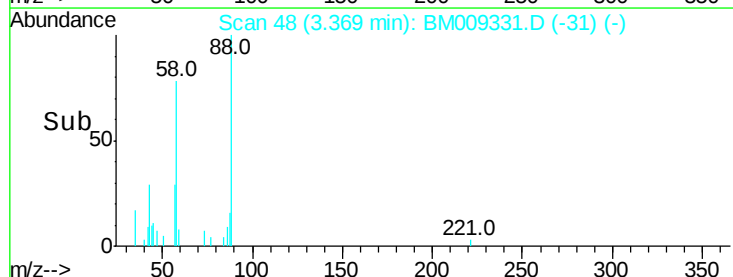
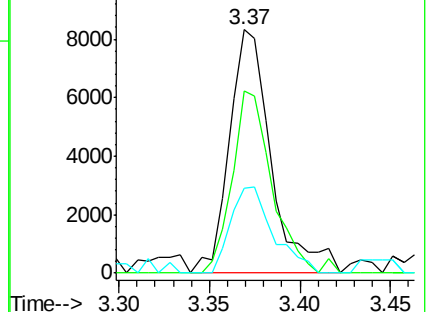
43 35.9 0.0 0.0#

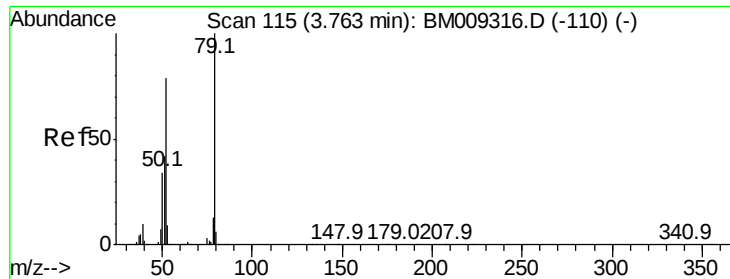


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 1.68 ng

RT: 3.78 min Scan# 118

Delta R.T. 0.02 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

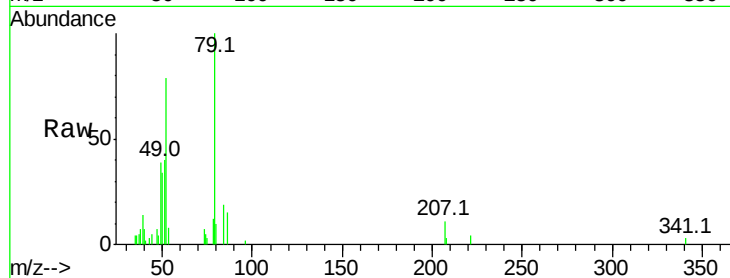
Tot Ion: 79 Resp: 26168

Ion Ratio Lower Upper

79 100

52 79.3 51.1 76.7#

51 40.5 26.1 39.1#



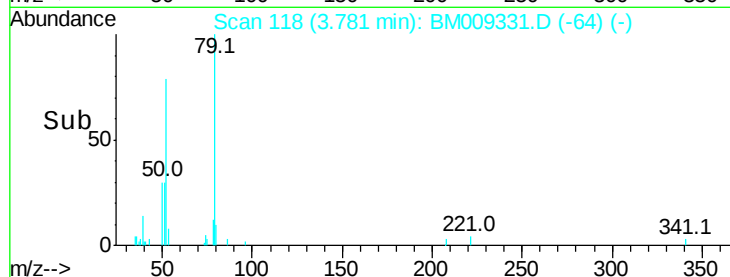
Abundance Ion 79.00 (78.70 to 79.70): BM009331.D (-110) (-)

Ion 52.00 (51.70 to 52.70): BM009331.D (-110) (-)

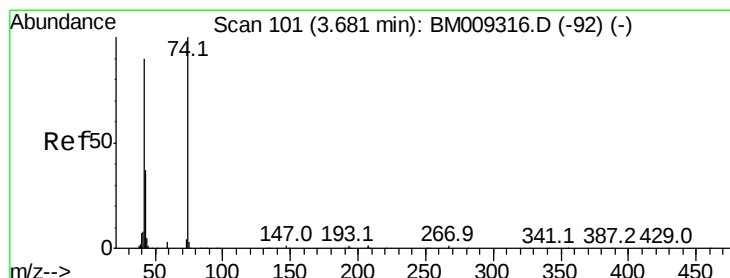
Ion 51.00 (50.70 to 51.70): BM009331.D (-110) (-)

3.78

Time-->



Time-->



#4

n-Nitrosodimethylamine

Concen: 1.97 ng

RT: 3.69 min Scan# 103

Delta R.T. 0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

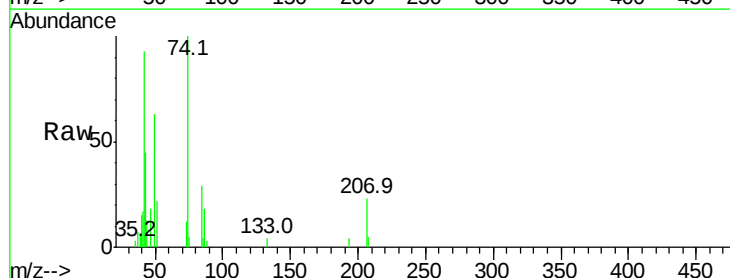
Tgt Ion: 42 Resp: 16376

Ion Ratio Lower Upper

42 100

74 107.6 119.3 178.9#

44 14.4 5.4 8.2#



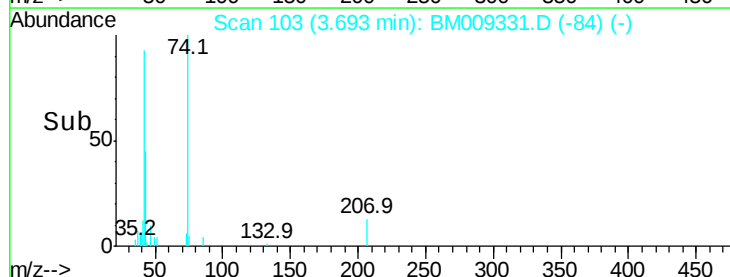
Abundance Ion 42.00 (41.70 to 42.70): BM009331.D (-92) (-)

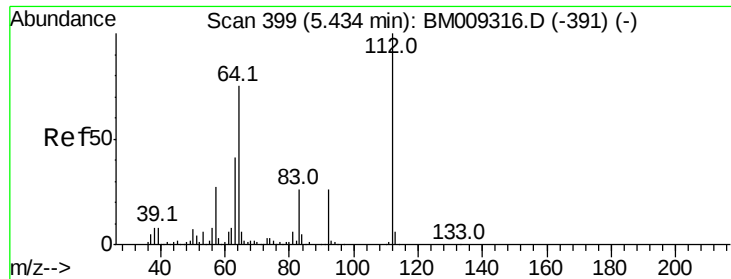
Ion 74.00 (73.70 to 74.70): BM009331.D (-92) (-)

Ion 44.00 (43.70 to 44.70): BM009331.D (-92) (-)

3.69

Time-->





#5

2-Fluorophenol

Concen: 146.34 ng

RT: 5.43 min Scan# 399

Delta R.T. 0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

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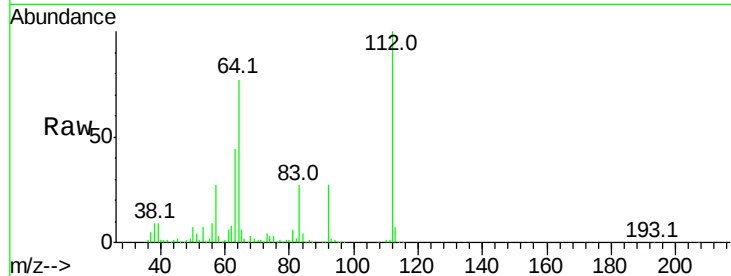
Tot Ion:112 Resp: 1607826

Ion Ratio Lower Upper

112 100

64 77.2 38.6 57.8#

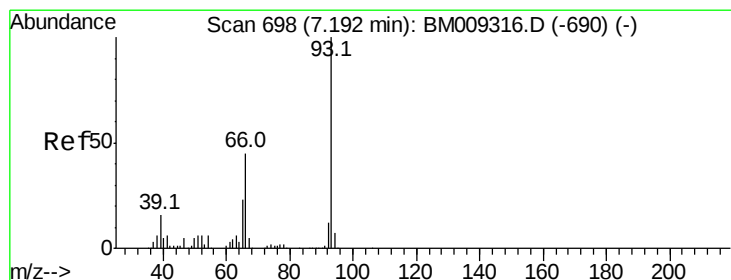
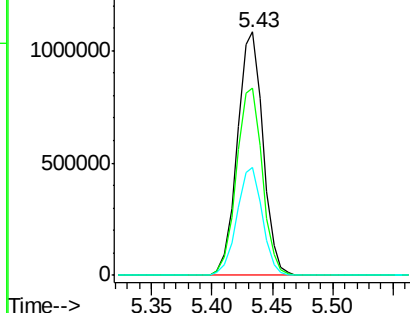
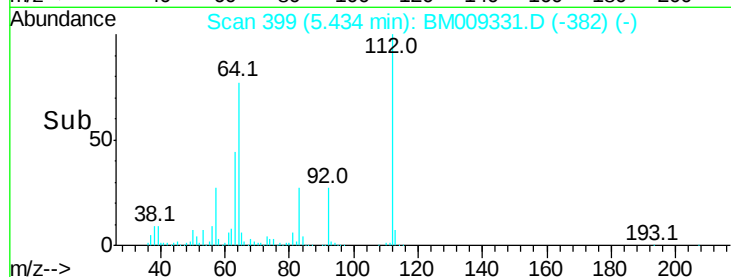
63 44.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 1.95 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

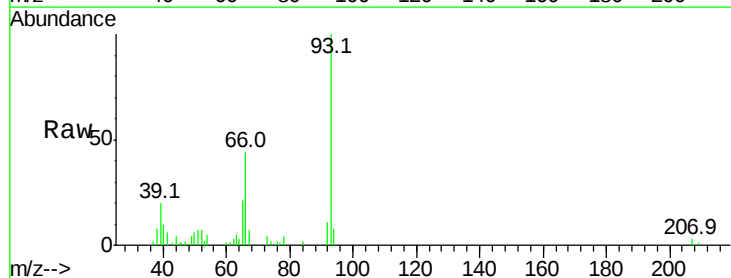
Tgt Ion: 93 Resp: 39771

Ion Ratio Lower Upper

93 100

66 43.8 30.8 46.2

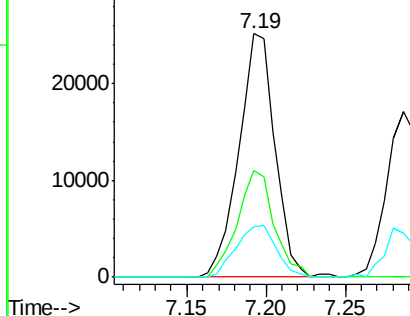
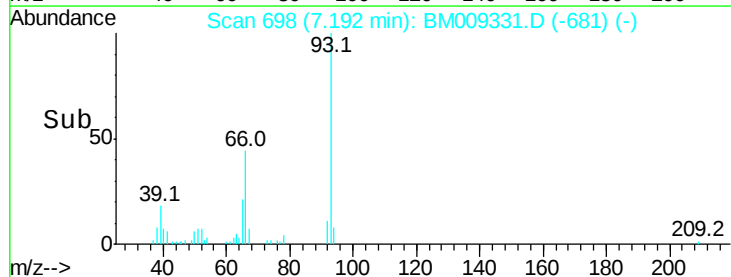
65 20.8 16.0 24.0

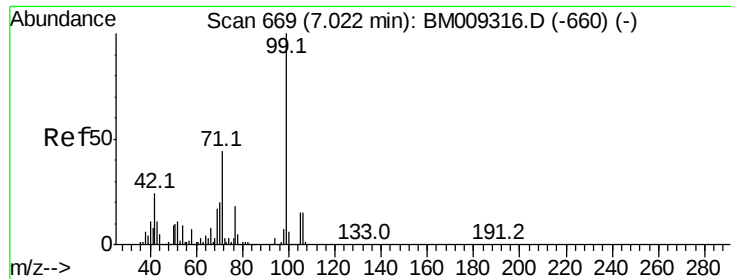


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 144.50 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

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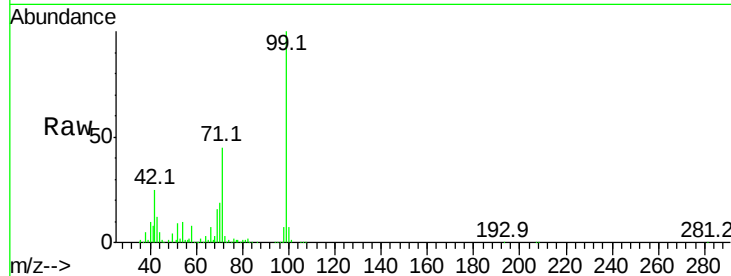
Tot Ion: 99 Resp: 2165044

Ion Ratio Lower Upper

99 100

42 24.6 11.0 16.4#

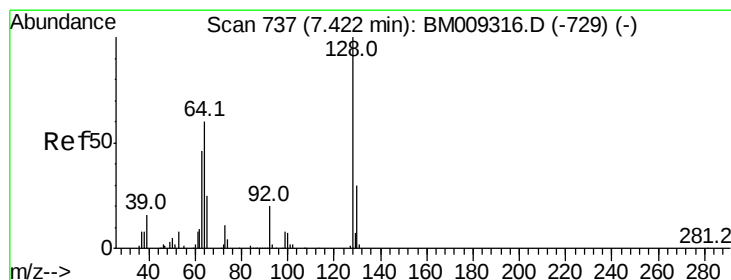
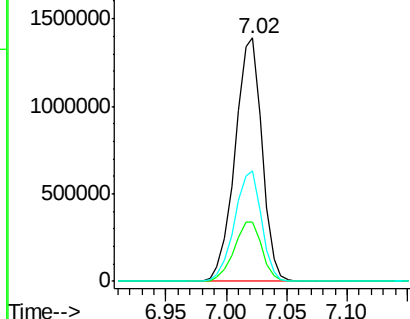
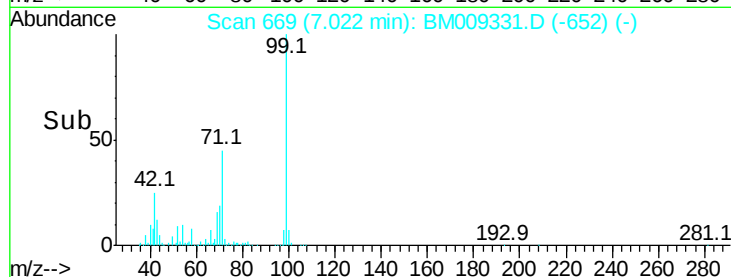
71 45.2 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM009331.D (-652) (-)

Ion 42.00 (41.70 to 42.70): BM009331.D (-652) (-)

Ion 71.00 (70.70 to 71.70): BM009331.D (-652) (-)



#8

2-Chlorophenol

Concen: 2.10 ng

RT: 7.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

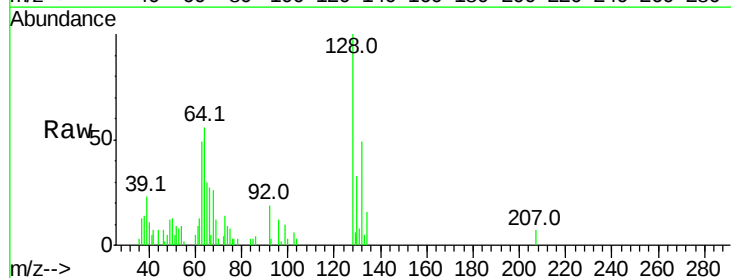
Tgt Ion:128 Resp: 23389

Ion Ratio Lower Upper

128 100

130 32.9 12.0 52.0

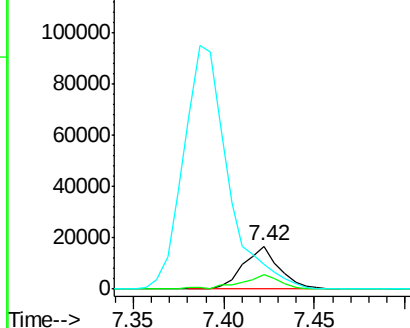
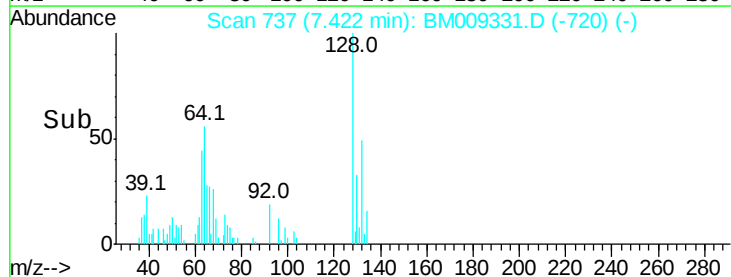
64 56.1 24.9 64.9

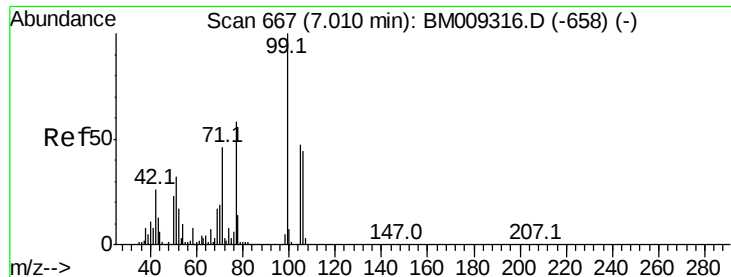


Abundance Ion 128.00 (127.70 to 128.70): BM009331.D (-720) (-)

Ion 130.00 (129.70 to 130.70): BM009331.D (-720) (-)

Ion 64.00 (63.70 to 64.70): BM009331.D (-720) (-)





#9

Benzaldehyde

Concen: 2.48 ng

RT: 7.01 min Scan# 667

Delta R.T. -0.00 min

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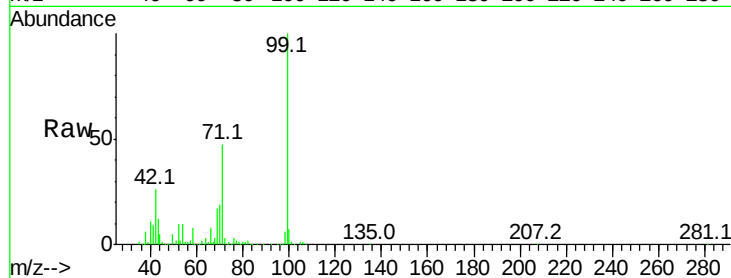
Tot Ion: 77 Resp: 29254

Ion Ratio Lower Upper

77 100

105 86.3 78.8 118.8

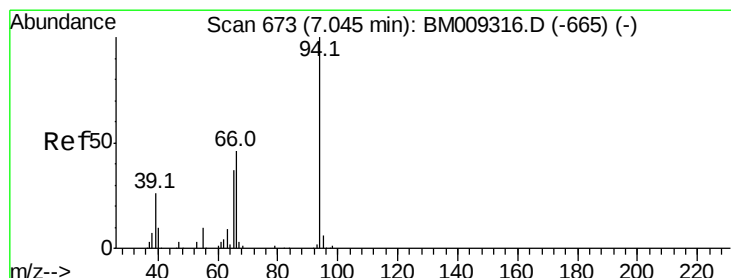
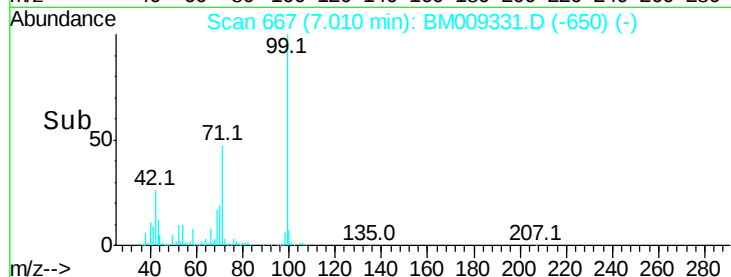
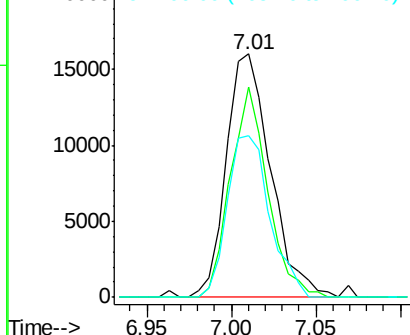
106 66.4 73.7 113.7#



Abundance Ion 77.00 (76.70 to 77.70): BM009331.D (-650) (-)

Ion 105.00 (104.70 to 105.70): BM009331.D (-650) (-)

Ion 106.00 (105.70 to 106.70): BM009331.D (-650) (-)



#10

Phenol

Concen: 2.00 ng

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

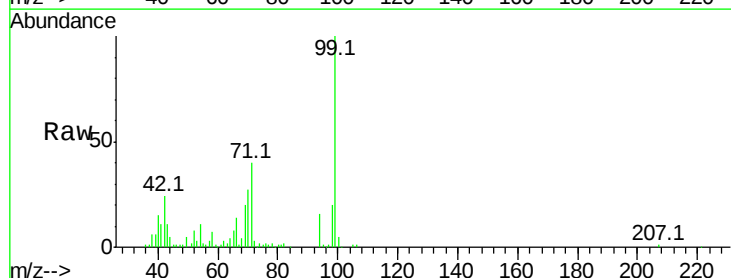
Tgt Ion: 94 Resp: 32479

Ion Ratio Lower Upper

94 100

65 52.0 18.8 58.8

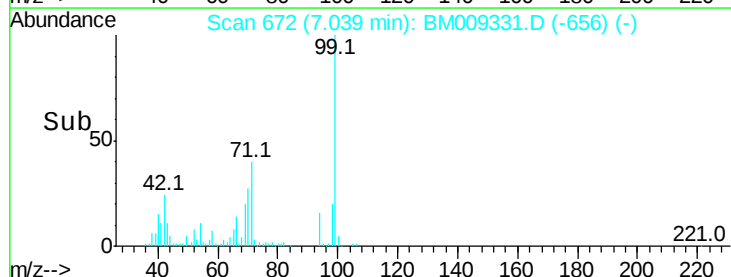
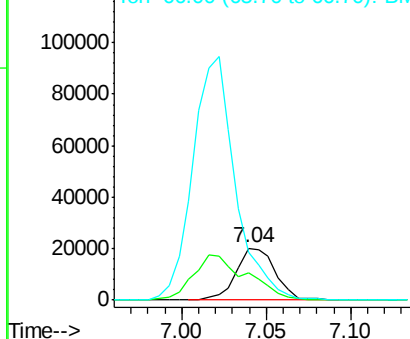
66 92.1 39.9 79.9#

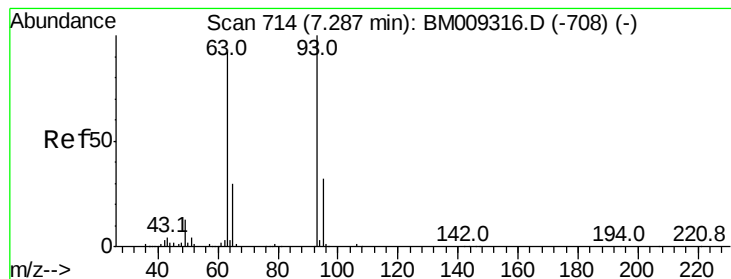


Abundance Ion 94.00 (93.70 to 94.70): BM009331.D (-656) (-)

Ion 65.00 (64.70 to 65.70): BM009331.D (-656) (-)

Ion 66.00 (65.70 to 66.70): BM009331.D (-656) (-)





#11

bis(2-Chloroethyl)ether

Concen: 2.00 ng

RT: 7.29 min Scan# 714

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

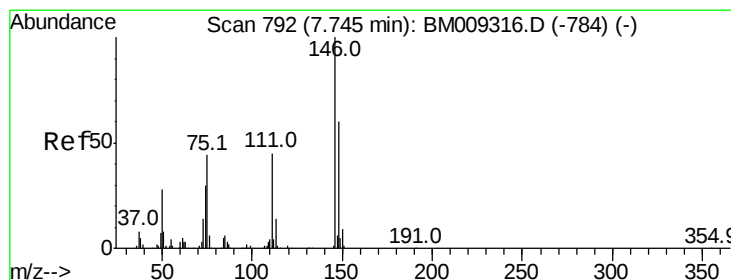
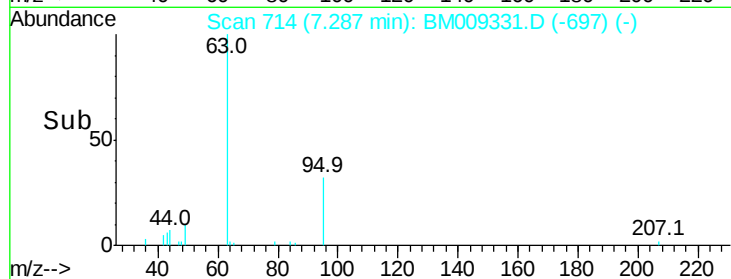
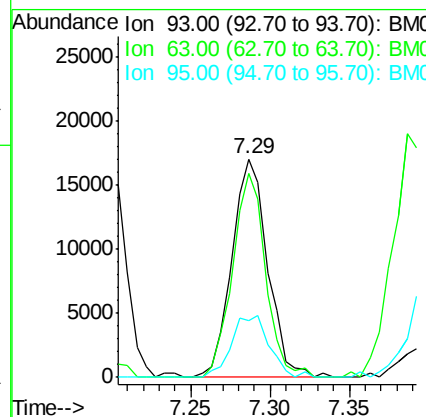
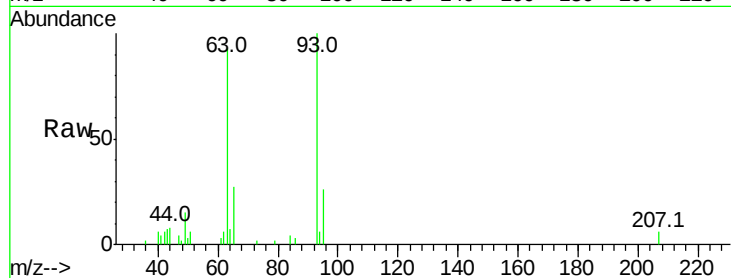
BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion: 93 Resp: 26615

Ion	Ratio	Lower	Upper
93	100		
63	93.4	49.5	89.5#
95	26.1	13.5	53.5



#12

1,3-Dichlorobenzene

Concen: 2.06 ng

RT: 7.75 min Scan# 792

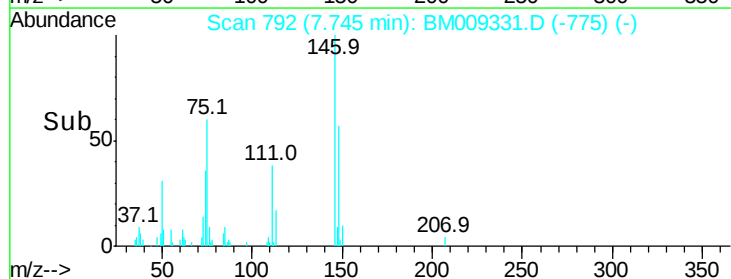
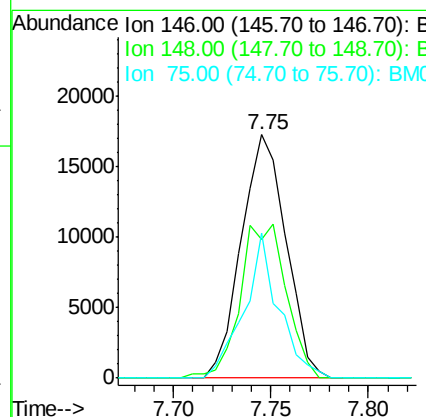
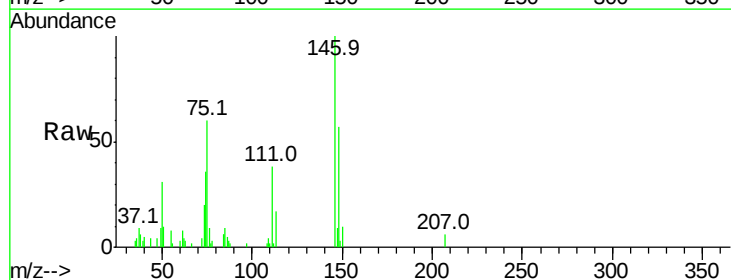
Delta R.T. -0.00 min

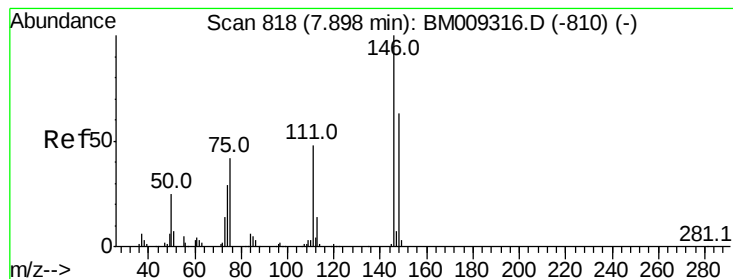
Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Tgt Ion: 146 Resp: 27424

Ion	Ratio	Lower	Upper
146	100		
148	57.1	50.9	76.3
75	59.8	21.4	32.2#





#13

1,4-Dichlorobenzene

Concen: 1.99 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

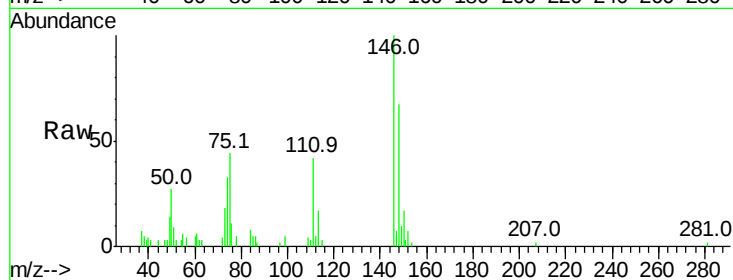
Tot Ion:146 Resp: 27416

Ion Ratio Lower Upper

146 100

148 66.9 51.9 77.9

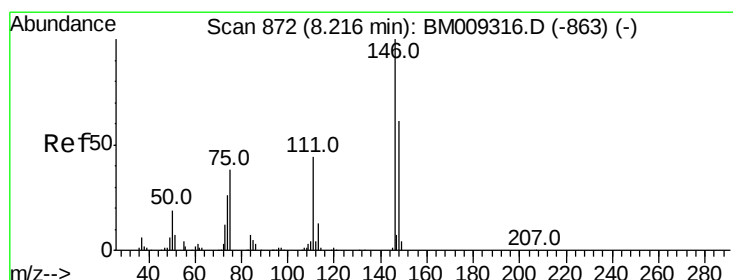
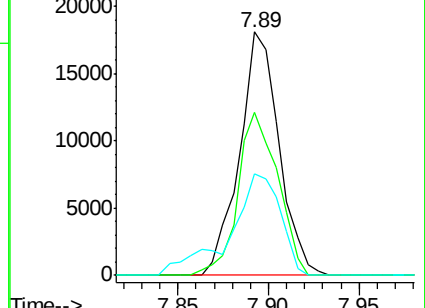
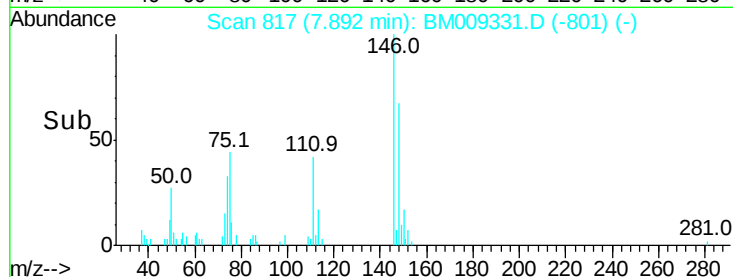
111 41.7 29.2 43.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 2.19 ng

RT: 8.22 min Scan# 872

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

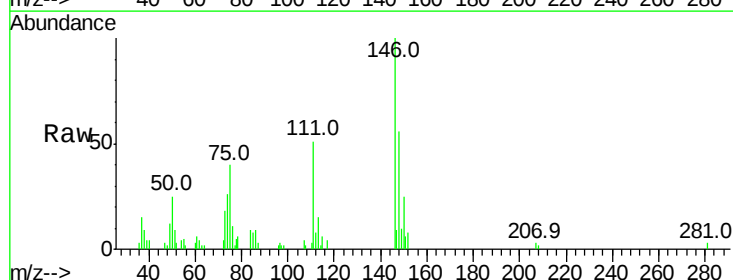
Tgt Ion:146 Resp: 29339

Ion Ratio Lower Upper

146 100

148 55.7 52.3 78.5

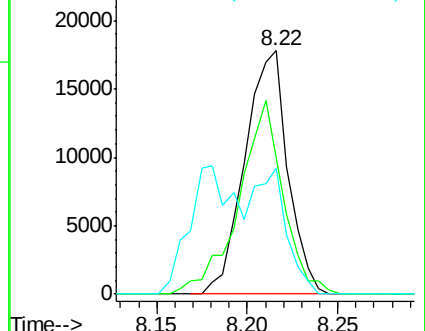
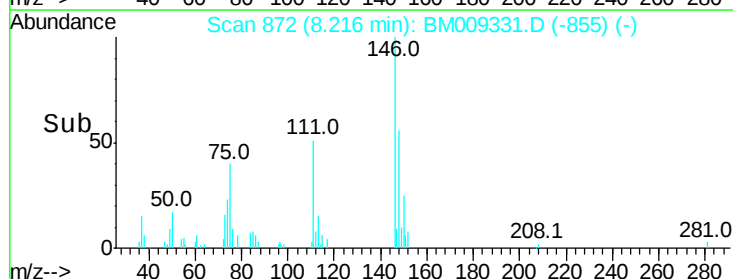
111 51.4 30.6 45.8#

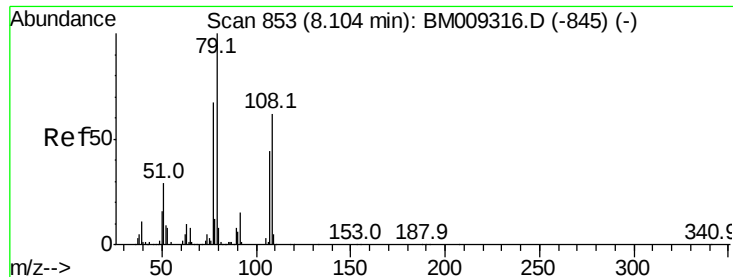


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 1.97 ng

RT: 8.10 min Scan# 852

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

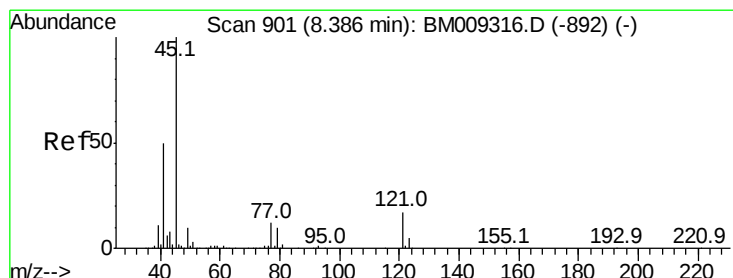
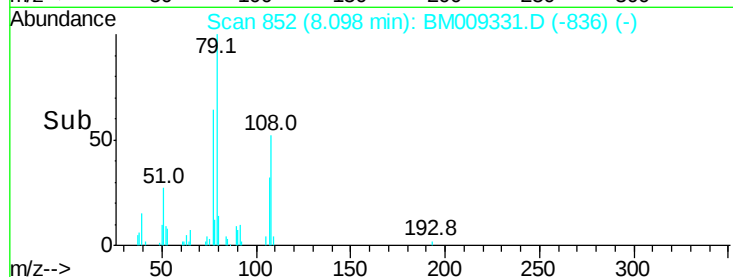
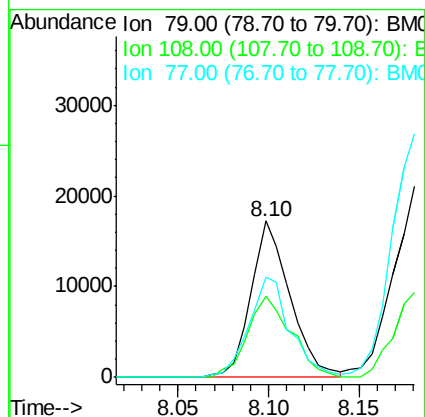
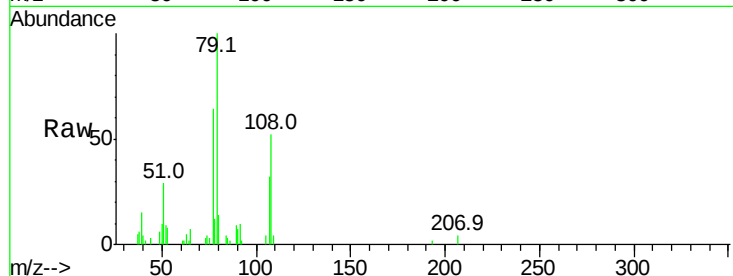
BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion: 79 Resp: 25852

Ion	Ratio	Lower	Upper
79	100		
108	52.2	65.0	97.4#
77	64.3	53.0	79.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 1.97 ng

RT: 8.39 min Scan# 902

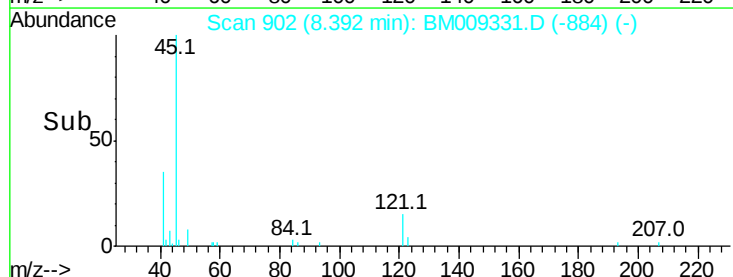
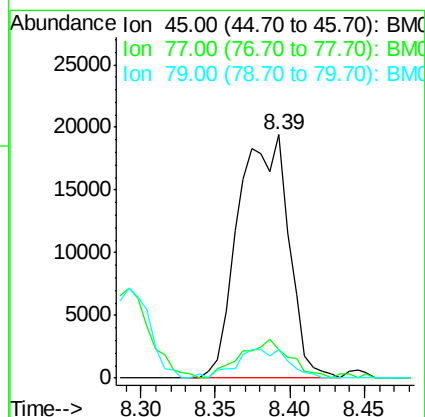
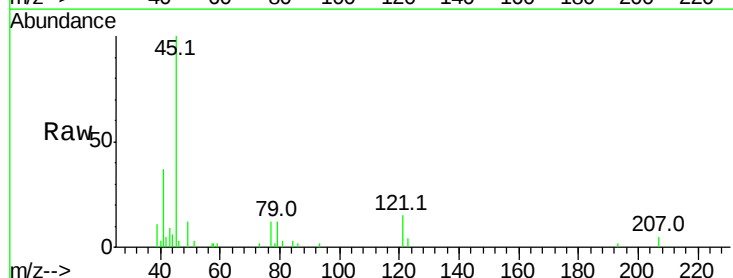
Delta R.T. 0.01 min

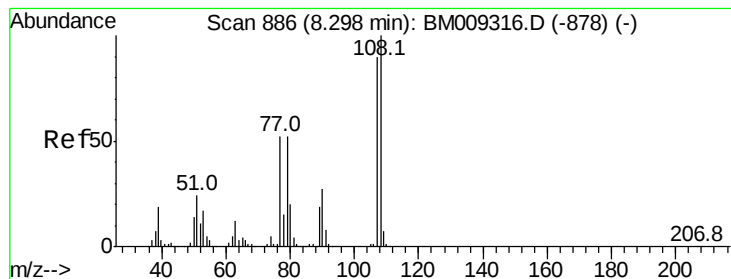
Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Tgt Ion: 45 Resp: 45451

Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	35.2
79	11.8	0.0	32.0

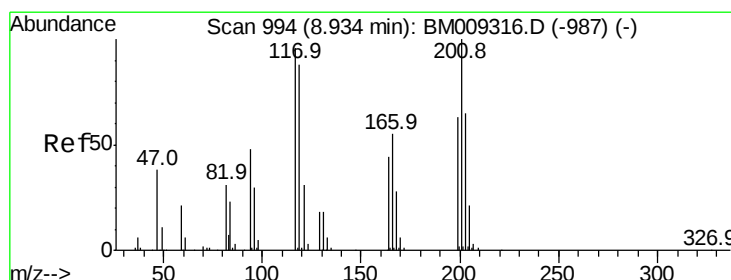
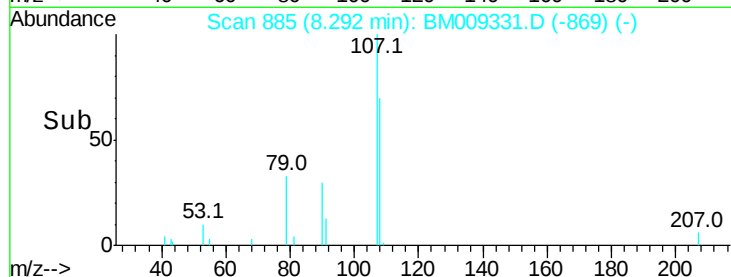
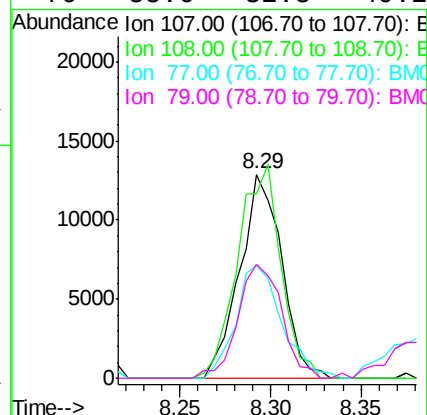
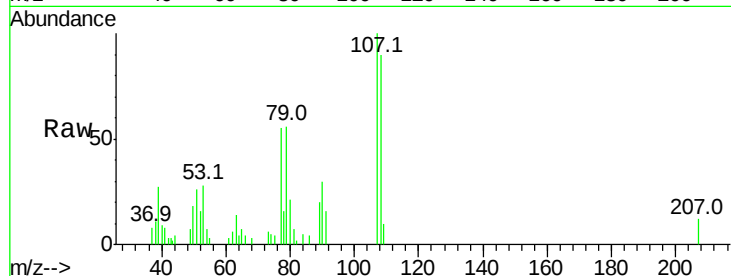




#17
2-Methylphenol
Concen: 1.95 ng
RT: 8.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

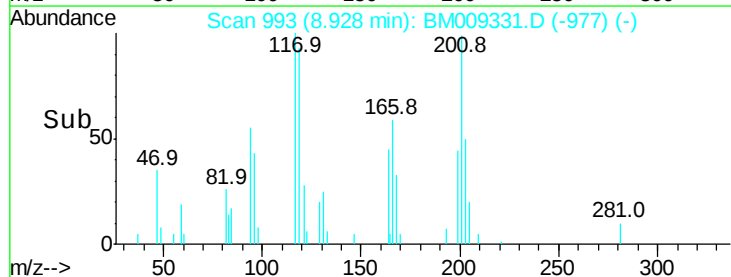
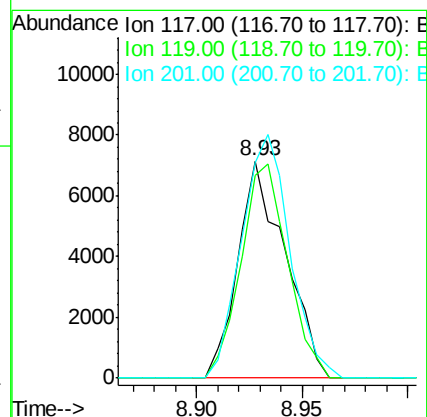
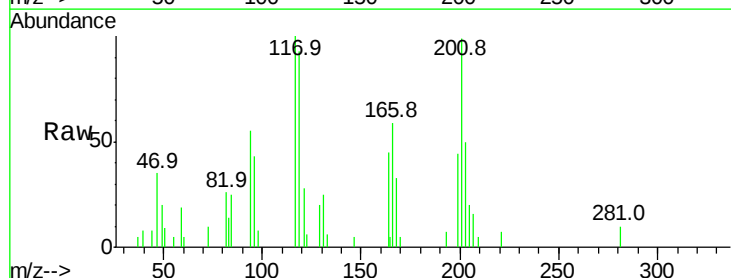
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

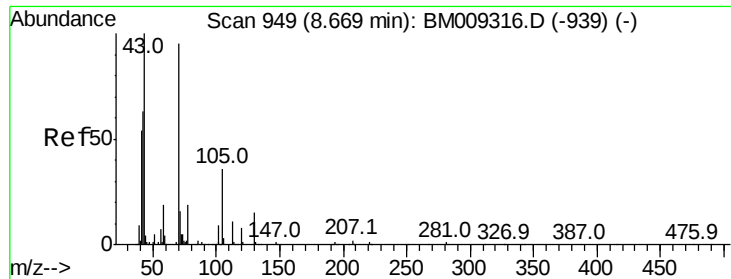
Tot Ion	Ratio	Lower	Upper
107	100		
108	90.3	89.8	134.8
77	55.4	32.6	48.8#
79	55.6	32.8	49.2#



#18
Hexachloroethane
Concen: 1.96 ng
RT: 8.93 min Scan# 993
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	79.2	118.8
201	99.1	69.8	104.6

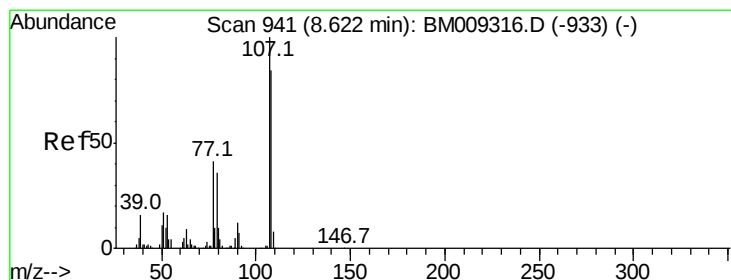
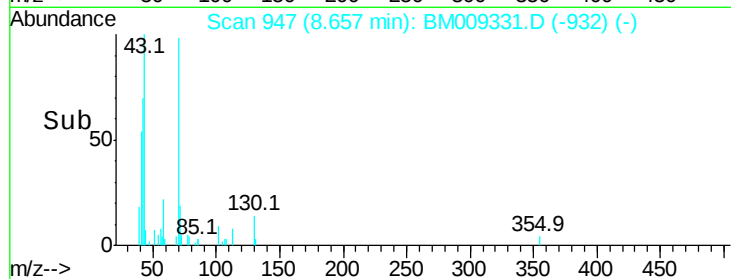
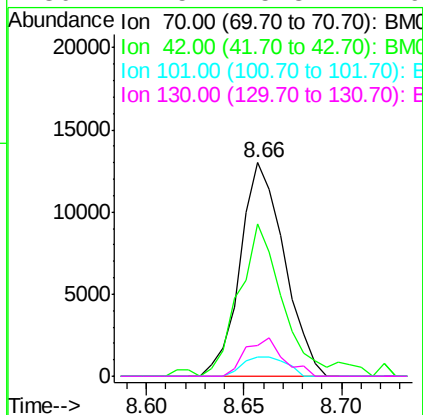
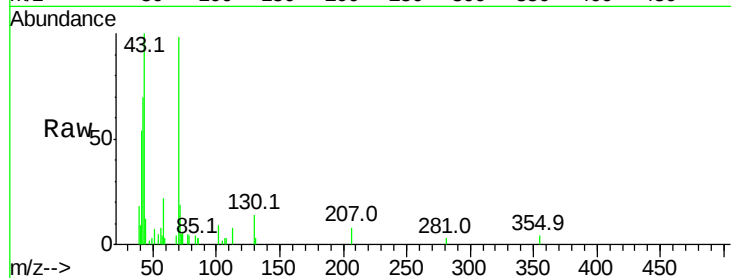




#19
n-Nitroso-di-n-propylamine
Concen: 1.68 ng
RT: 8.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

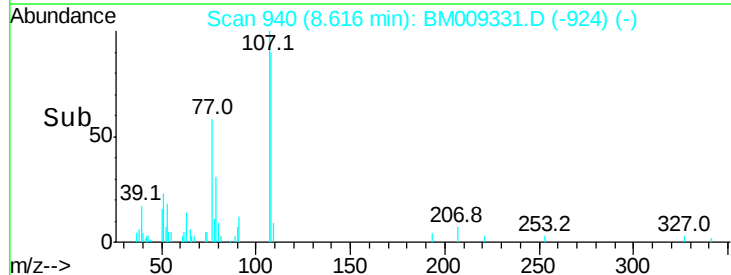
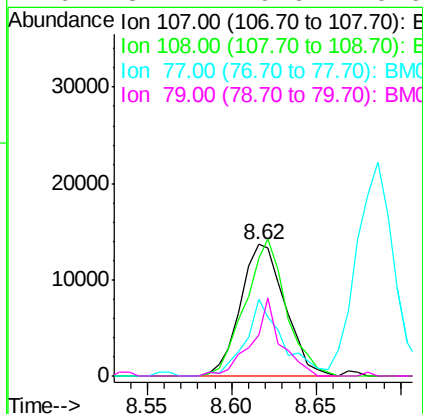
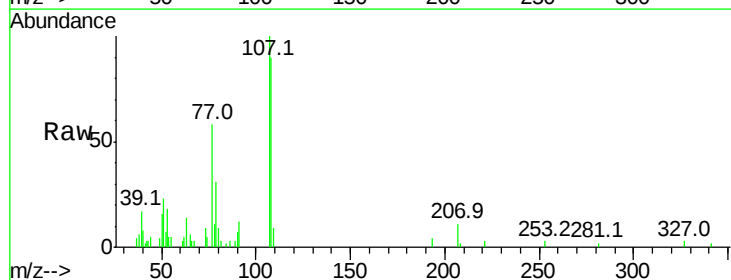
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

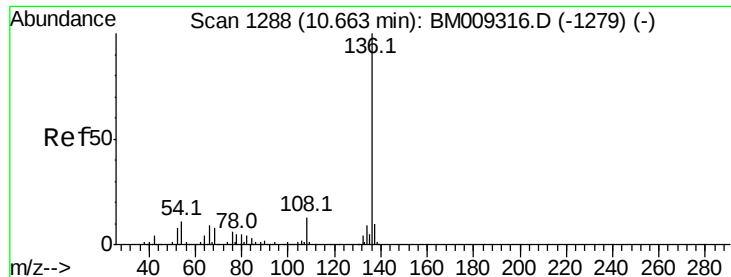
Tot Ion: 70 Resp: 20279
Ion Ratio Lower Upper
70 100
42 71.3 44.5 66.7#
101 9.2 7.4 11.2
130 14.5 15.3 22.9#



#20
3+4-Methylphenols
Concen: 1.74 ng
RT: 8.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:107 Resp: 25173
Ion Ratio Lower Upper
107 100
108 89.8 73.2 113.2
77 58.1 10.7 50.7#
79 31.2 9.6 49.6

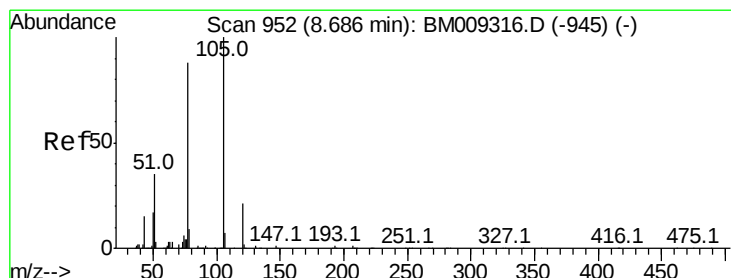
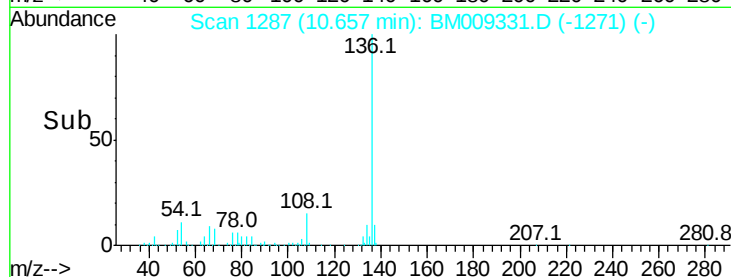
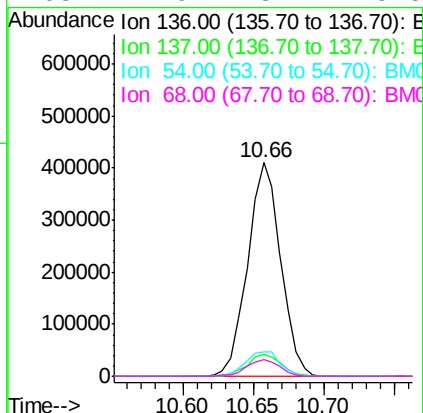
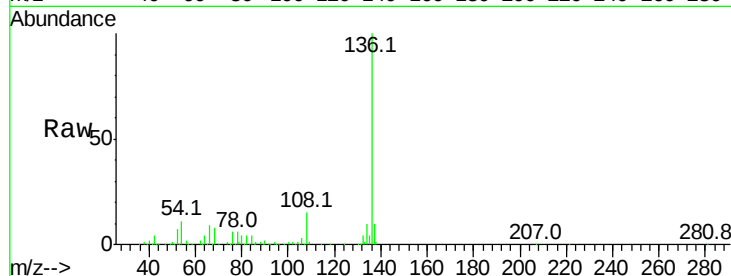




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

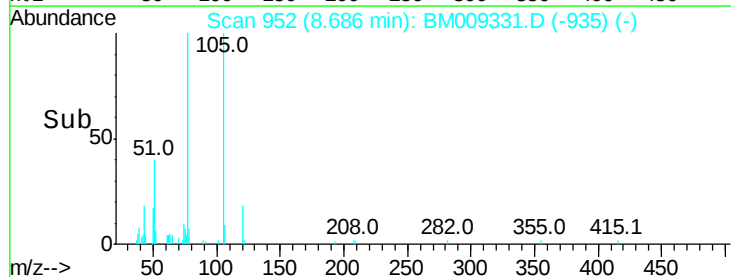
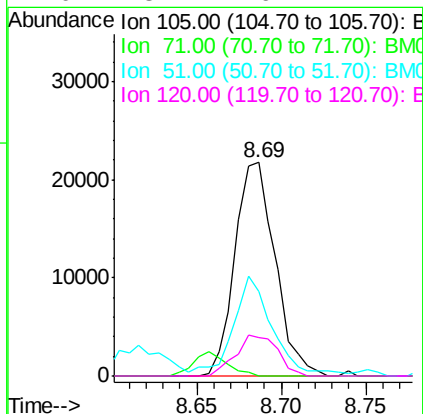
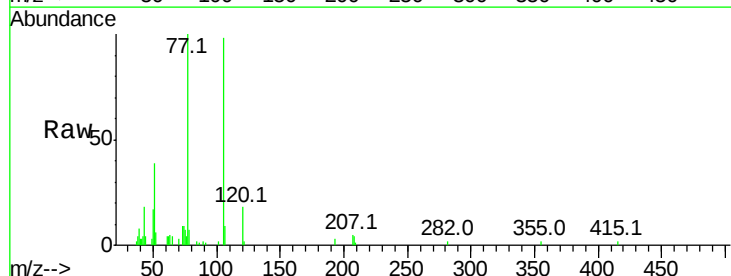
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

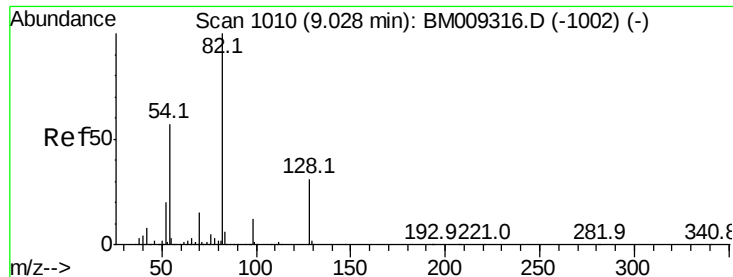
Tot Ion:136	Resp: 672702
Ion Ratio	Lower Upper
136 100	
137 10.2	8.7 13.1
54 11.4	4.6 6.8#
68 7.9	3.7 5.5#



#22
Acetophenone
Concen: 1.90 ng
RT: 8.69 min Scan# 952
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt	Ion:105	Resp:	36032
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	39.8	21.6	32.4#
120	18.2	16.1	24.1





#23

Nitrobenzene-d5

Concen: 92.52 ng

RT: 9.03 min Scan# 1010

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

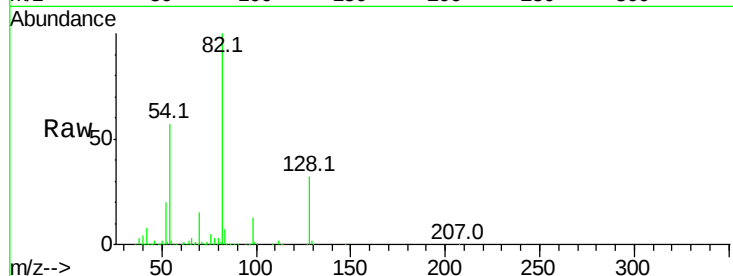
Tot Ion: 82 Resp: 1660004

Ion Ratio Lower Upper

82 100

128 32.0 32.8 49.2#

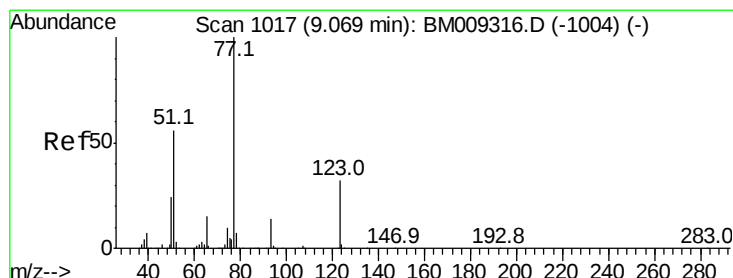
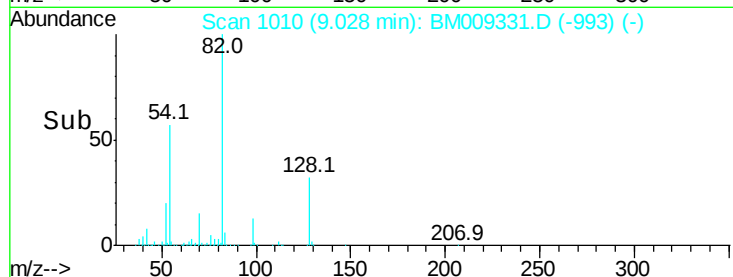
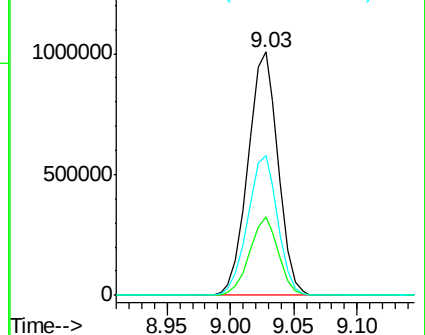
54 57.3 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM009331.D (-993) (-)

Ion 128.00 (127.70 to 128.70): BM009331.D (-993) (-)

Ion 54.00 (53.70 to 54.70): BM009331.D (-993) (-)



#24

Nitrobenzene

Concen: 2.06 ng

RT: 9.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

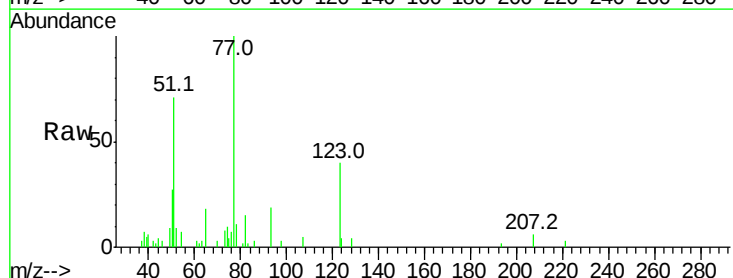
Tgt Ion: 77 Resp: 36156

Ion Ratio Lower Upper

77 100

123 39.6 32.6 49.0

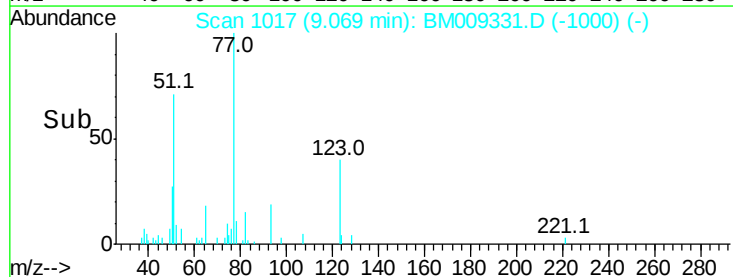
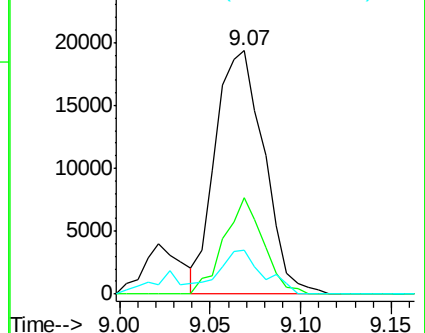
65 18.3 10.9 16.3#

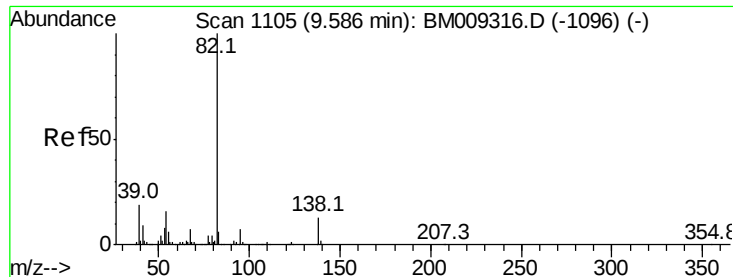


Abundance Ion 77.00 (76.70 to 77.70): BM009331.D (-1000) (-)

Ion 123.00 (122.70 to 123.70): BM009331.D (-1000) (-)

Ion 65.00 (64.70 to 65.70): BM009331.D (-1000) (-)





#25

Isophorone

Concen: 1.84 ng

RT: 9.59 min Scan# 1105

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

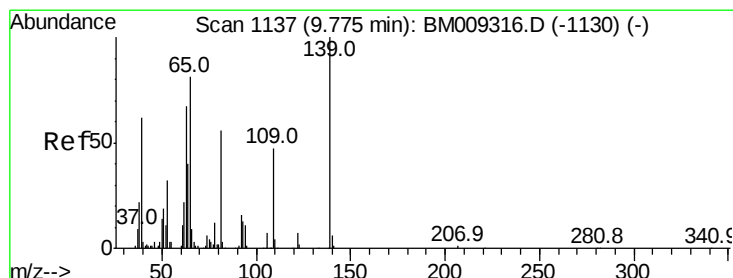
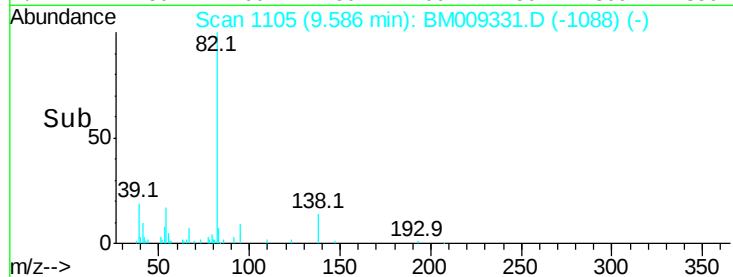
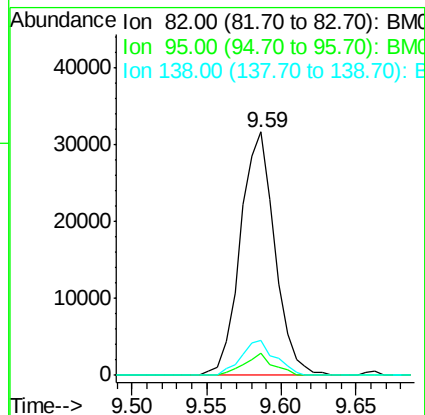
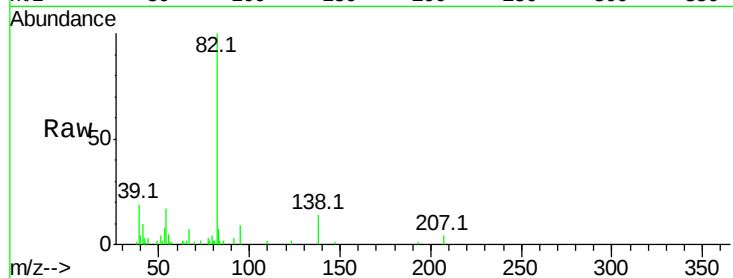
Tot Ion: 82 Resp: 50453

Ion Ratio Lower Upper

82 100

95 9.3 5.8 8.6#

138 14.2 16.3 24.5#



#26

2-Nitrophenol

Concen: 1.60 ng

RT: 9.77 min Scan# 1137

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

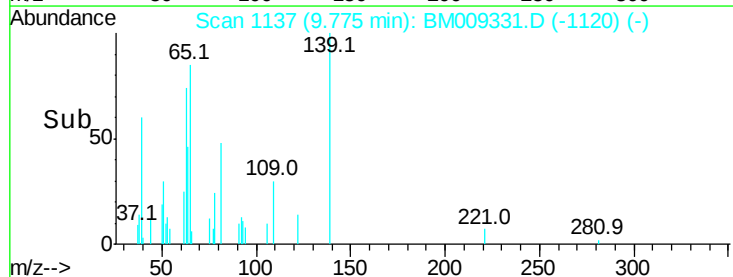
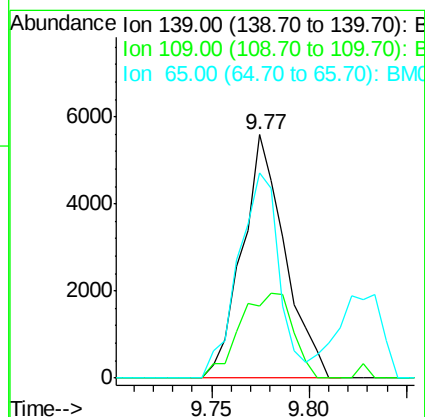
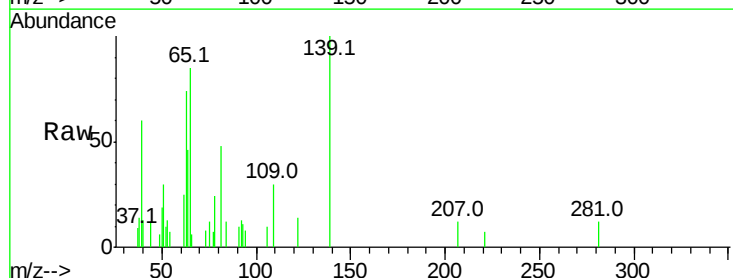
Tgt Ion: 139 Resp: 8467

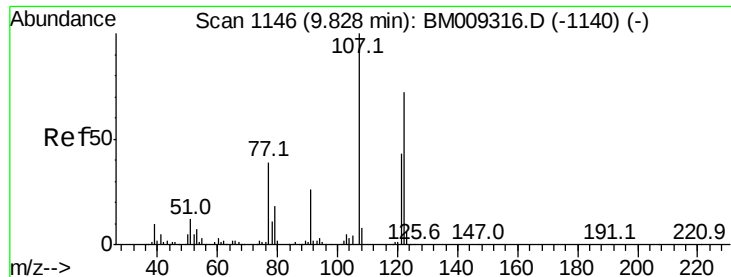
Ion Ratio Lower Upper

139 100

109 29.6 20.1 30.1

65 84.5 31.5 47.3#

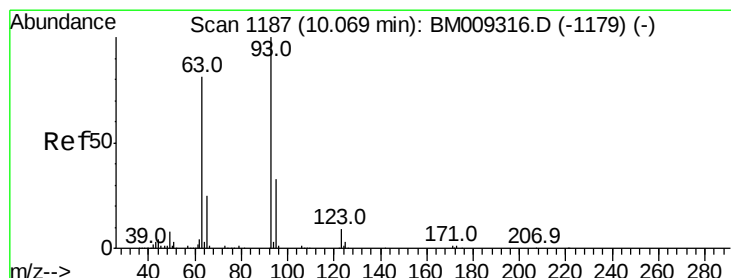
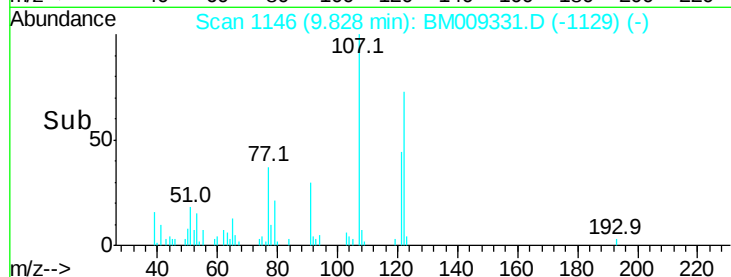
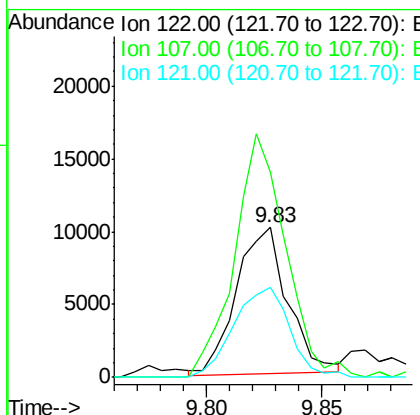
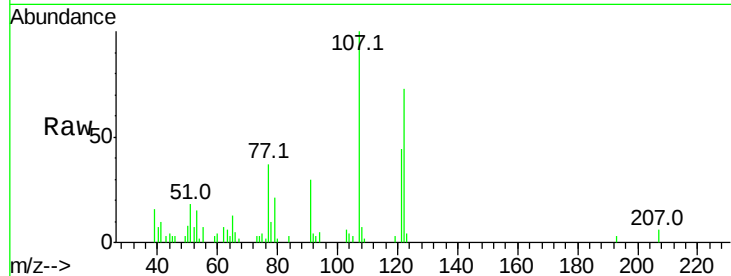




#27
 2,4-Dimethylphenol
 Concen: 1.61 ng
 RT: 9.83 min Scan# 1146
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

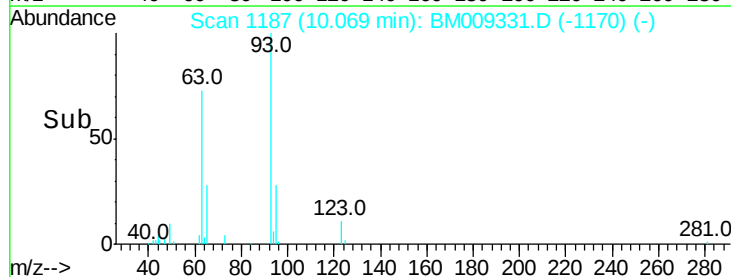
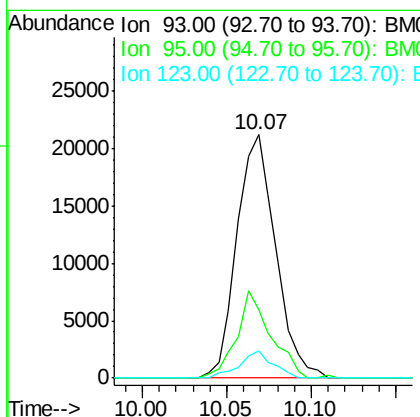
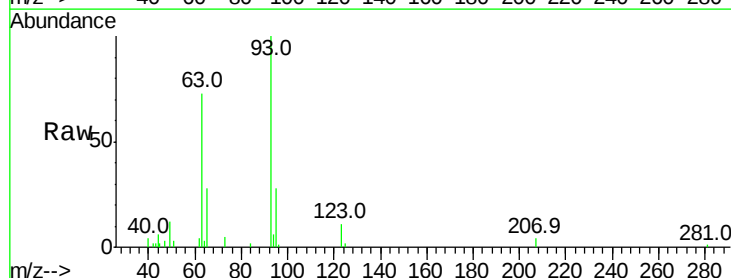
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

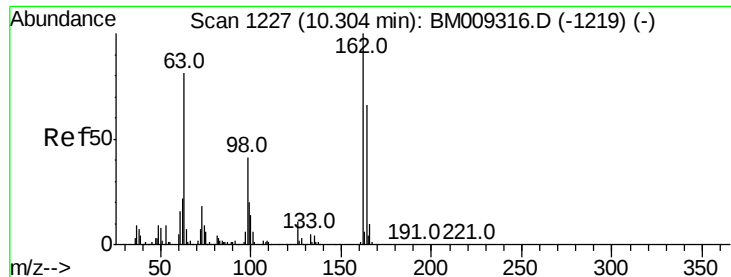
Tot Ion:122 Resp: 15630
 Ion Ratio Lower Upper
 122 100
 107 136.8 84.7 127.1#
 121 60.3 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.00 ng
 RT: 10.07 min Scan# 1187
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion: 93 Resp: 33839
 Ion Ratio Lower Upper
 93 100
 95 28.1 25.5 38.3
 123 11.2 8.6 13.0

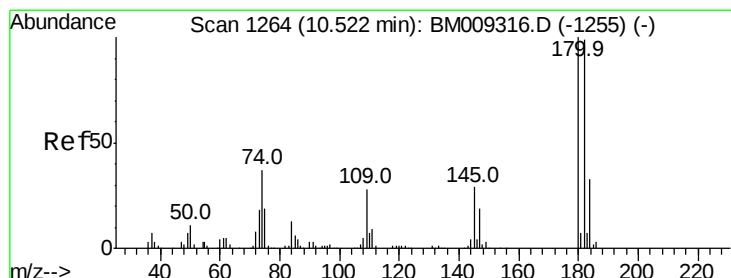
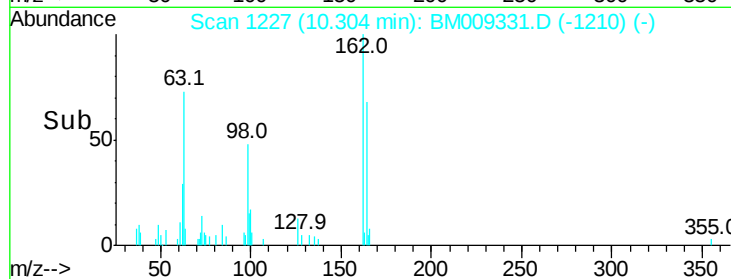
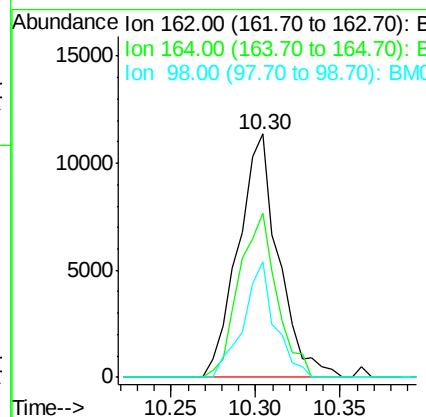
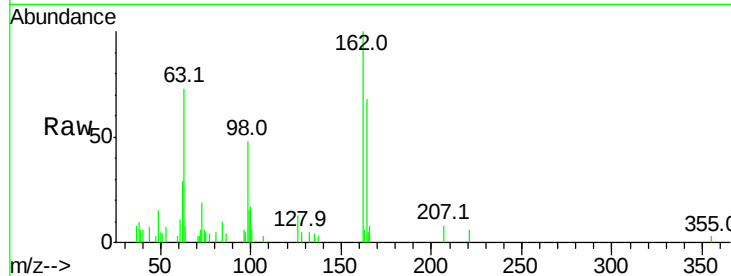




#29
 2,4-Dichlorophenol
 Concen: 1.87 ng
 RT: 10.30 min Scan# 1227
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

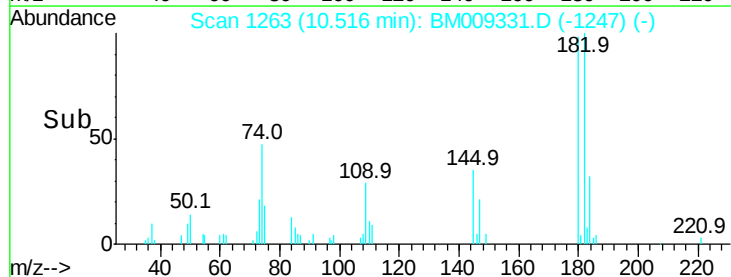
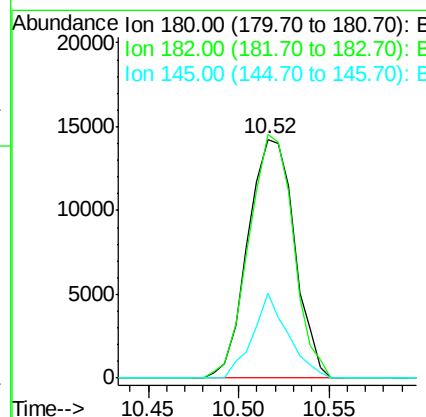
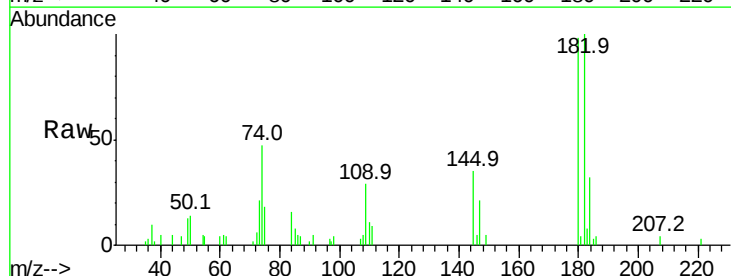
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

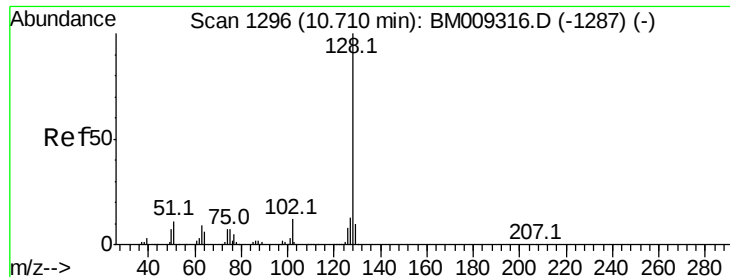
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	42.8	82.8
98	47.7	14.5	54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 2.03 ng
 RT: 10.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.6	116.4
145	34.3	23.4	35.2





#31

Naphthalene

Concen: 2.08 ng

RT: 10.70 min Scan# 1295

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

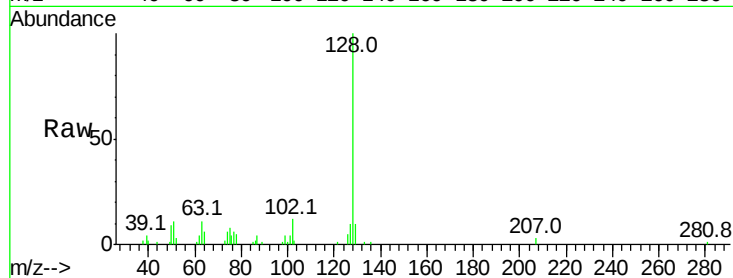
Tot Ion:128 Resp: 74195

Ion Ratio Lower Upper

128 100

129 10.3 8.9 13.3

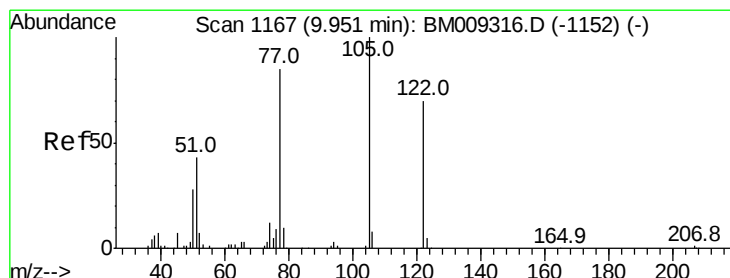
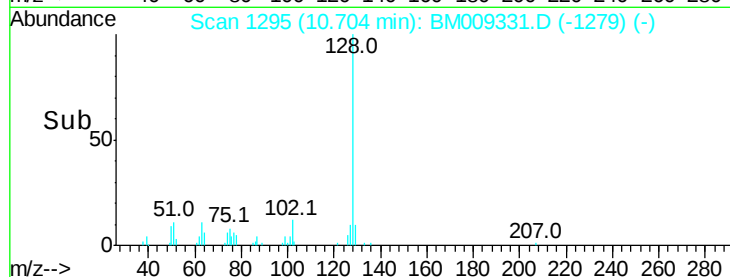
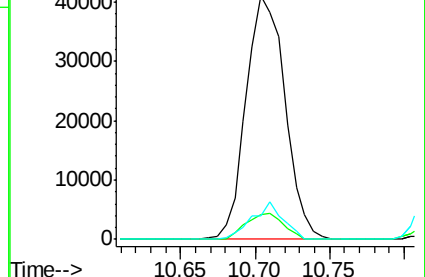
127 9.9 10.4 15.6#



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 0.19 ng

RT: 9.90 min Scan# 1159

Delta R.T. -0.05 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

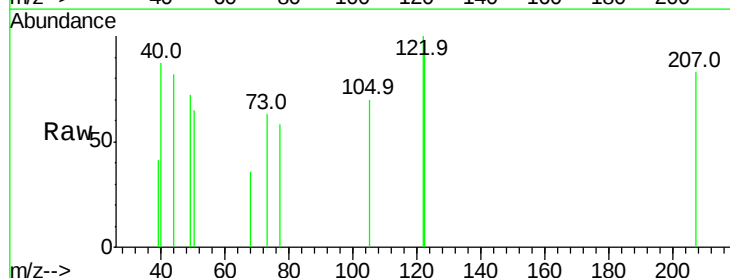
Tgt Ion:122 Resp: 1255

Ion Ratio Lower Upper

122 100

105 35.3 99.9 139.9#

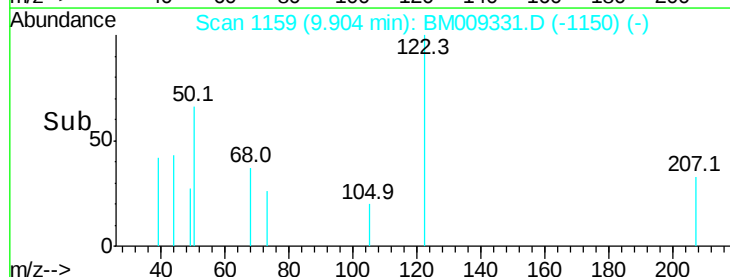
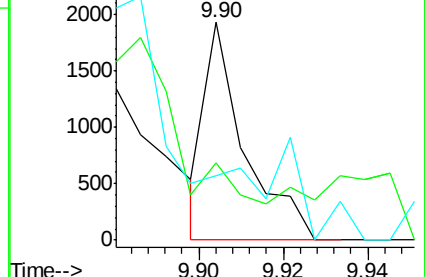
77 29.4 73.7 113.7#

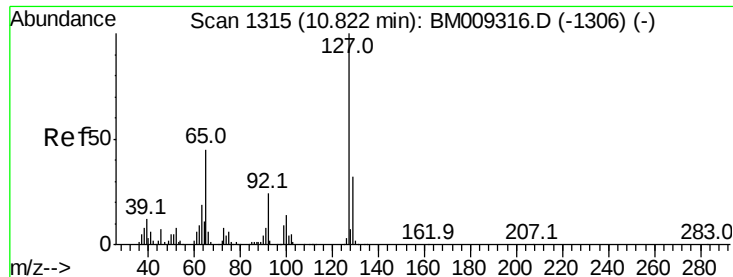


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

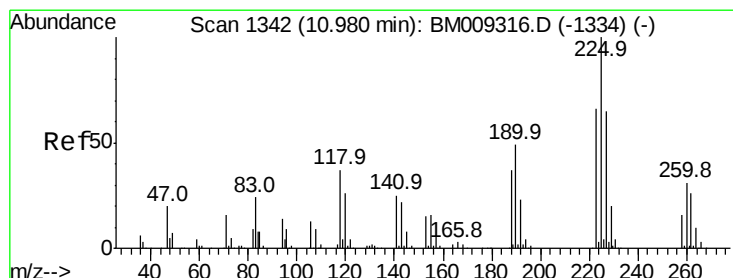
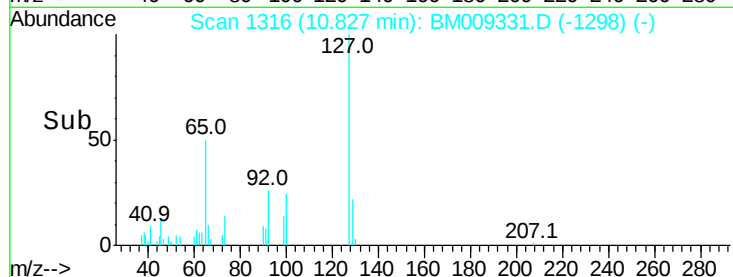
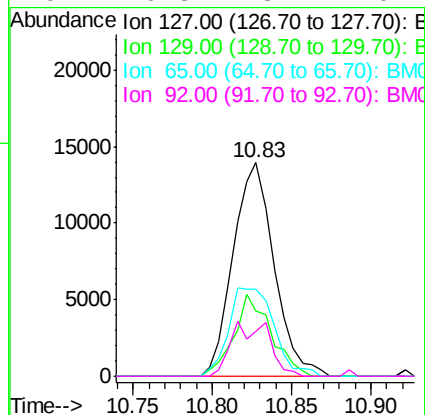
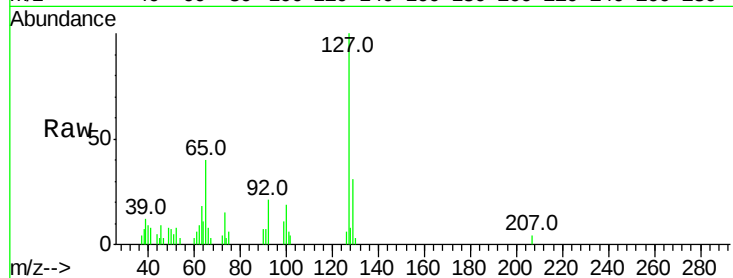




#33
4-Chloroaniline
Concen: 1.82 ng
RT: 10.83 min Scan# 1316
Delta R.T. 0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

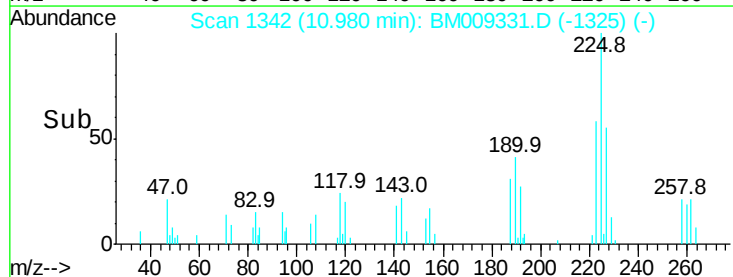
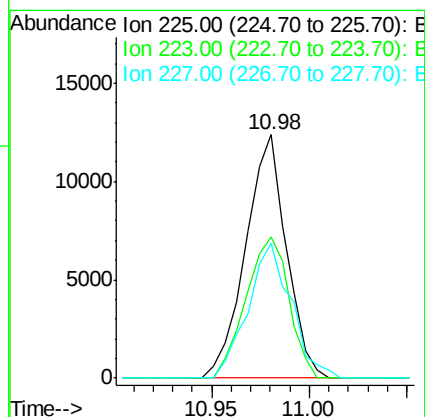
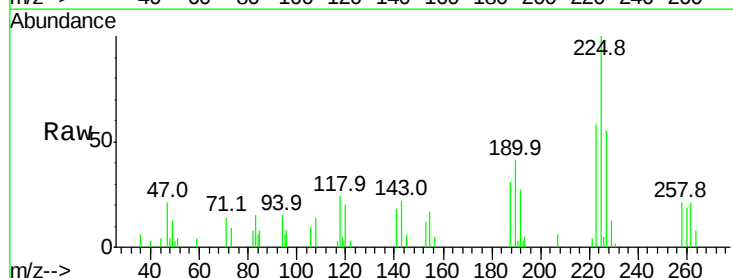
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

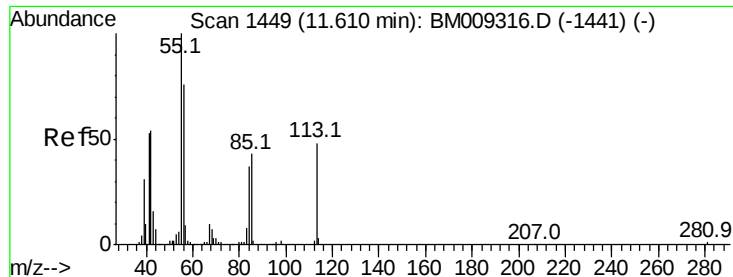
Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	40.5	17.6	26.4
92	20.8	13.1	19.7



#34
Hexachlorobutadiene
Concen: 2.08 ng
RT: 10.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.9	47.9	71.9
227	55.2	50.1	75.1

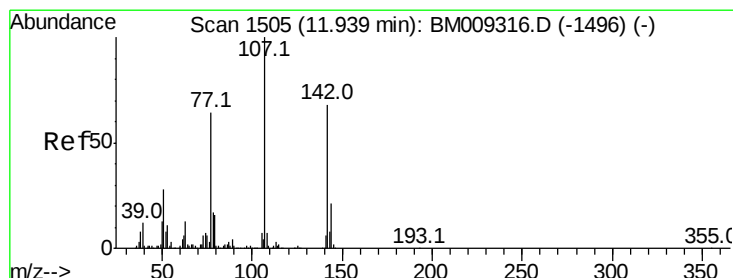
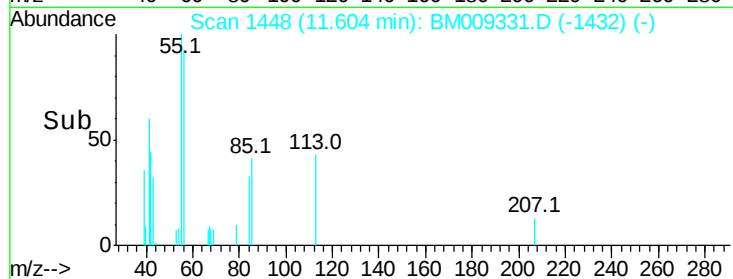
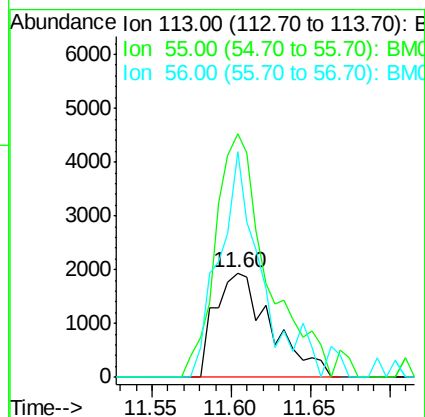
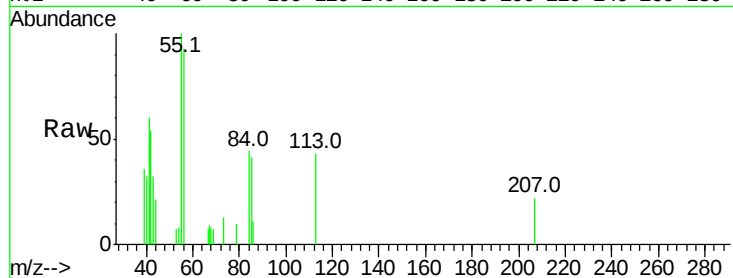




#35
 Caprolactam
 Concen: 1.55 ng
 RT: 11.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

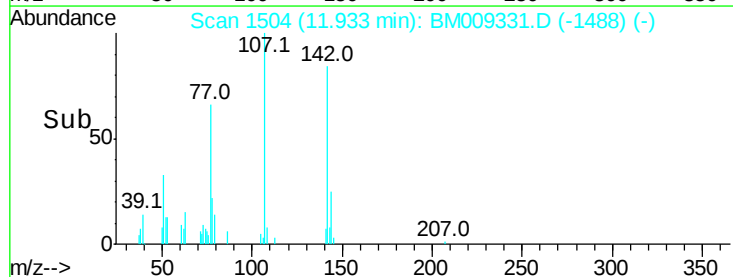
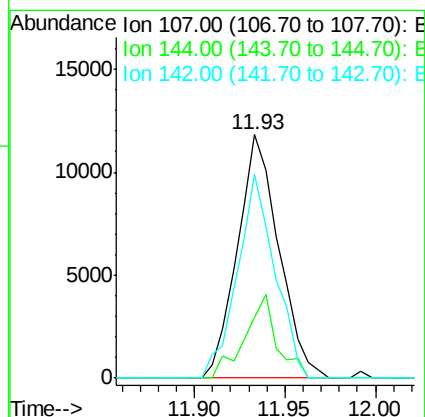
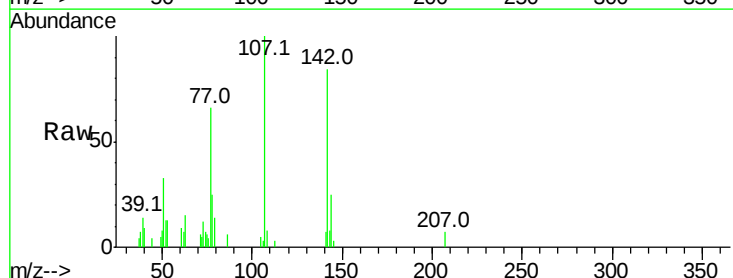
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

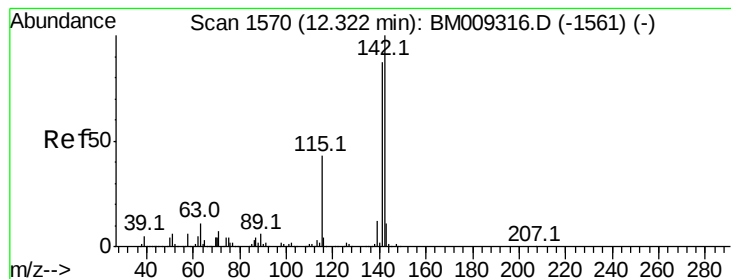
Tot Ion:113 Resp: 4787
 Ion Ratio Lower Upper
 113 100
 55 232.8 145.9 185.9#
 56 216.1 101.0 141.0#



#36
 4-Chloro-3-methylphenol
 Concen: 1.64 ng
 RT: 11.93 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion:107 Resp: 18784
 Ion Ratio Lower Upper
 107 100
 144 24.8 23.3 34.9
 142 83.8 72.6 109.0





#37

2-Methylnaphthalene

Concen: 1.84 ng

RT: 12.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

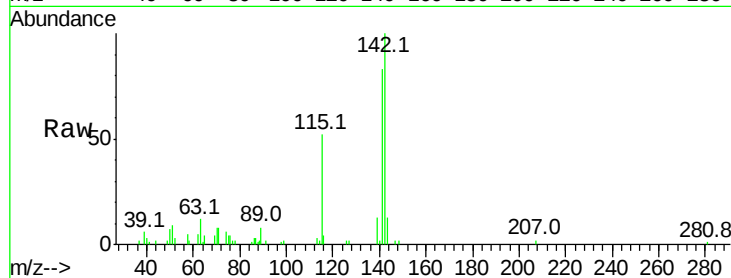
Tot Ion:142 Resp: 45315

Ion Ratio Lower Upper

142 100

141 83.0 71.9 107.9

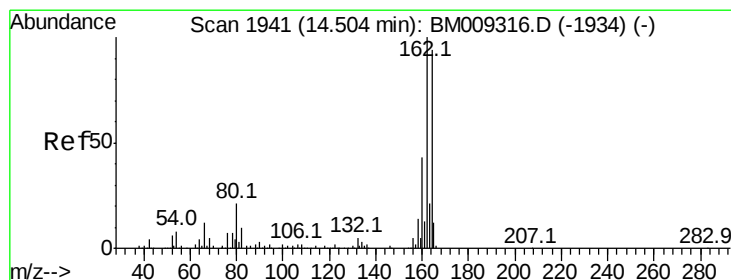
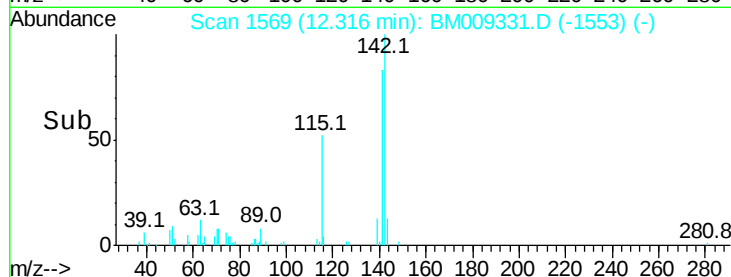
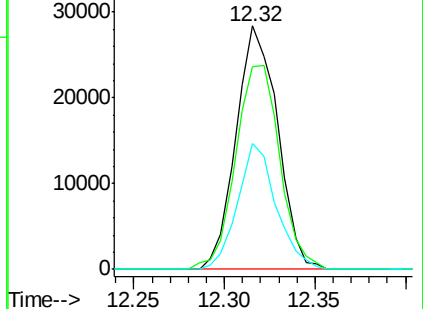
115 51.6 25.4 38.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.50 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

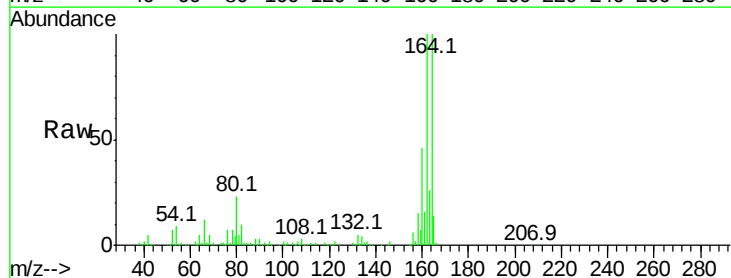
Tgt Ion:164 Resp: 379981

Ion Ratio Lower Upper

164 100

162 100.3 82.4 123.6

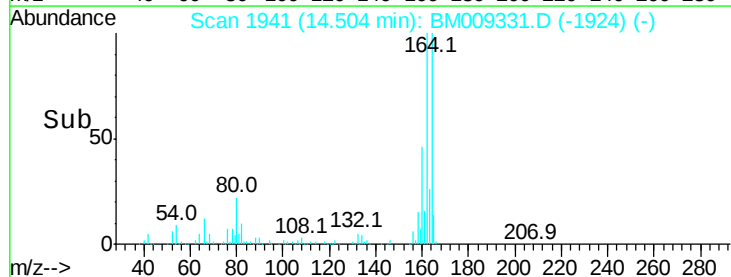
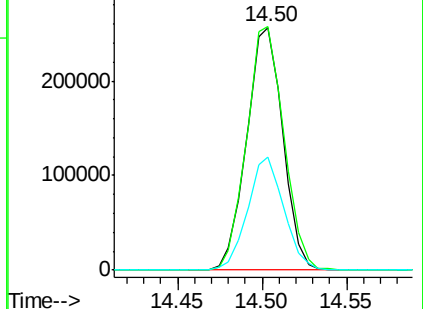
160 46.5 35.8 53.6

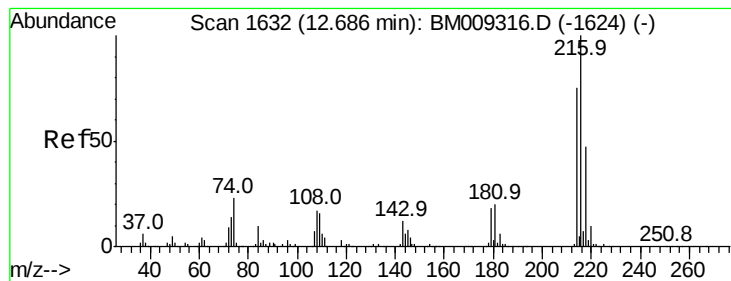


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 2.03 ng

RT: 12.68 min Scan# 1631

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot Ion:216 Resp: 29078

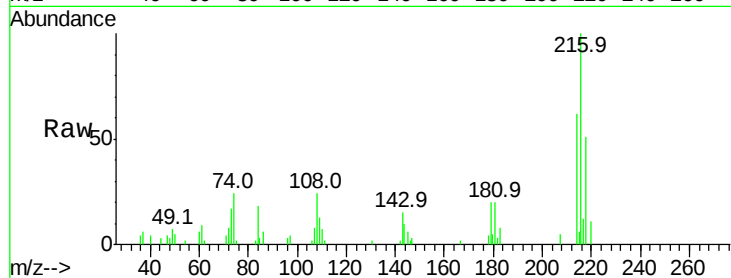
Ion Ratio Lower Upper

216 100

214 71.5 0.0 0.0#

179 20.4 0.0 0.0#

108 22.9 0.0 0.0#

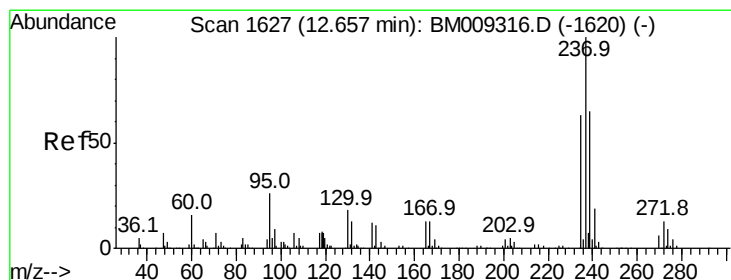
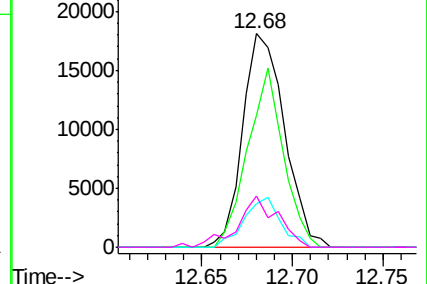
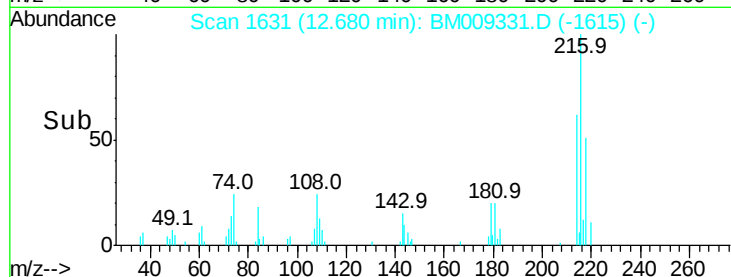


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 1.44 ng

RT: 12.66 min Scan# 1627

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

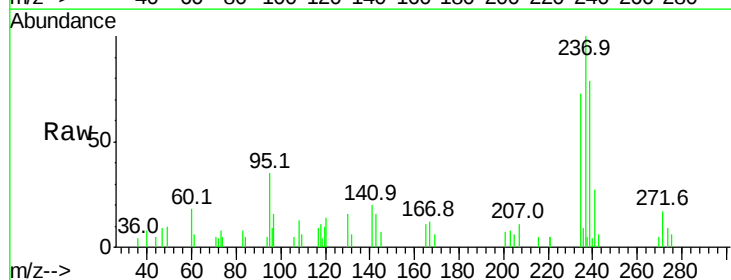
Tgt Ion:237 Resp: 11889

Ion Ratio Lower Upper

237 100

235 72.7 42.0 82.0

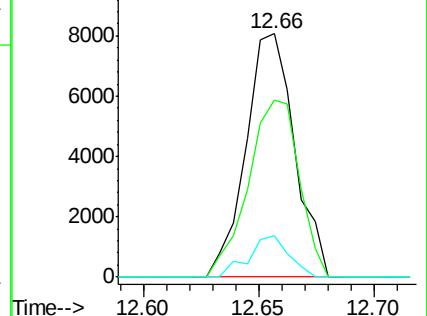
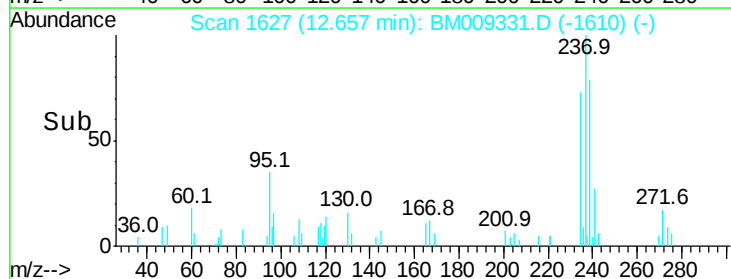
272 17.1 0.0 33.4

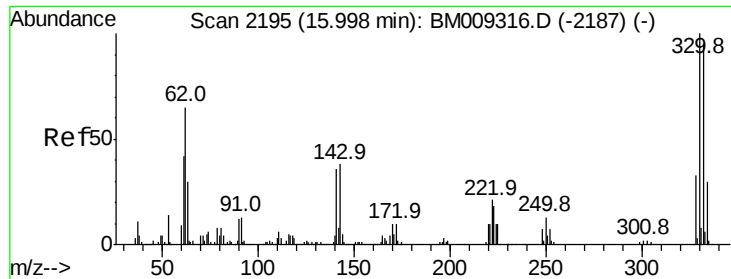


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

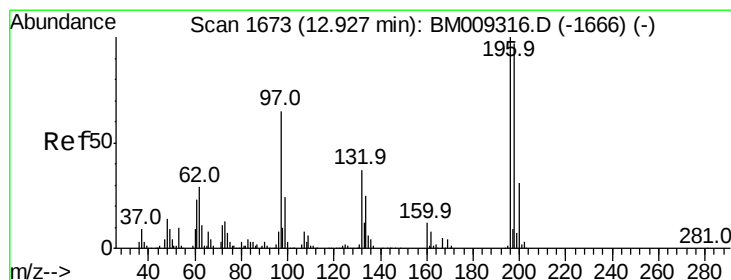
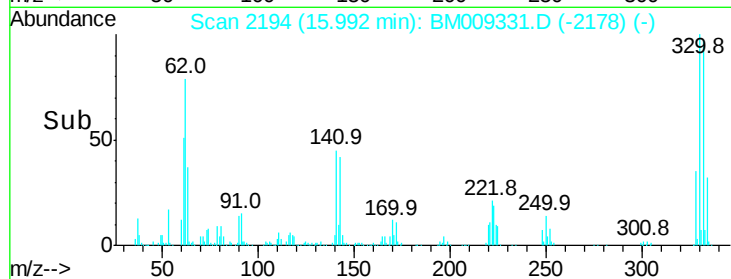
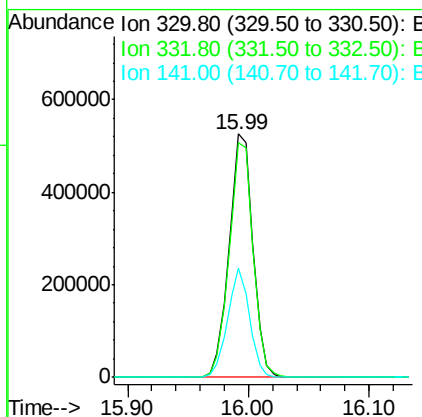
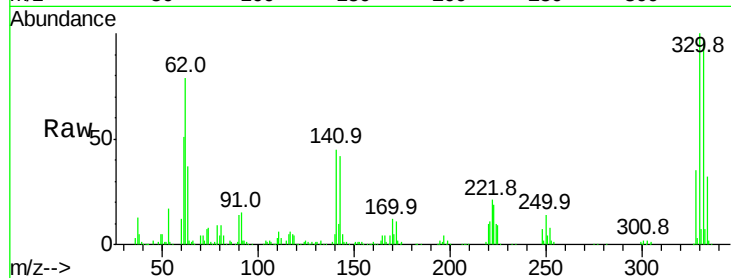




#41
 2,4,6-Tribromophenol
 Concen: 153.34 ng
 RT: 15.99 min Scan# 2194
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

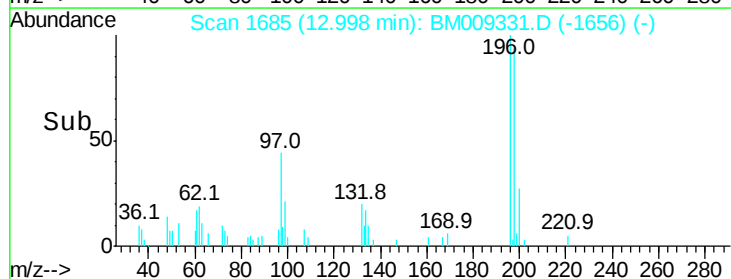
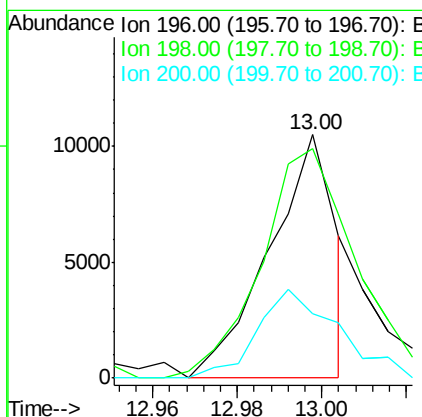
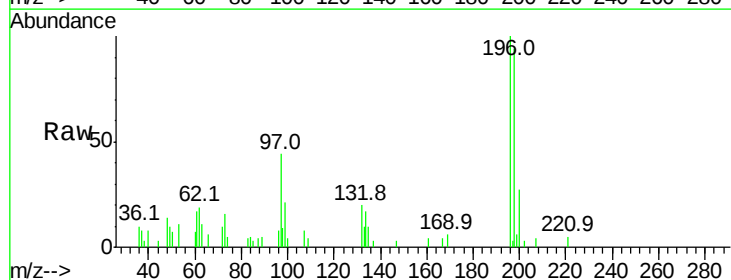
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

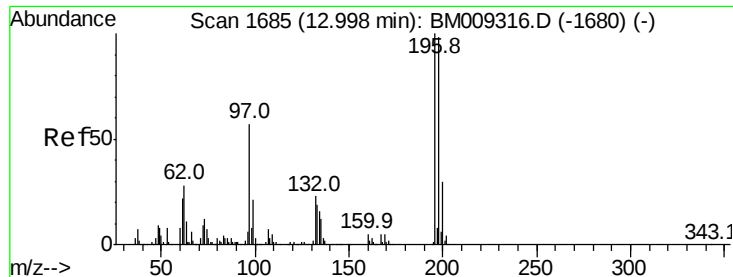
Tot Ion:330 Resp: 723847
 Ion Ratio Lower Upper
 330 100
 332 96.9 0.0 0.0#
 141 41.3 0.0 0.0#



#42
 2,4,6-Trichlorophenol
 Concen: 1.40 ng
 RT: 13.00 min Scan# 1685
 Delta R.T. 0.07 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion:196 Resp: 11482
 Ion Ratio Lower Upper
 196 100
 198 94.2 76.3 114.5
 200 26.6 25.6 38.4

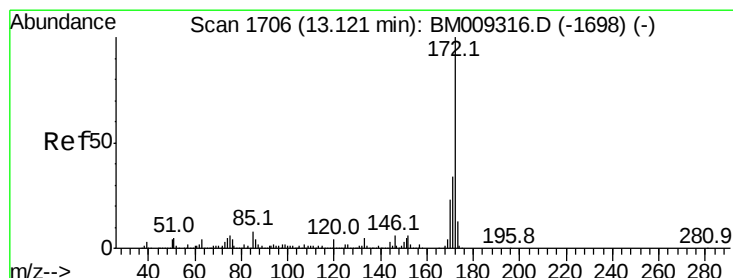
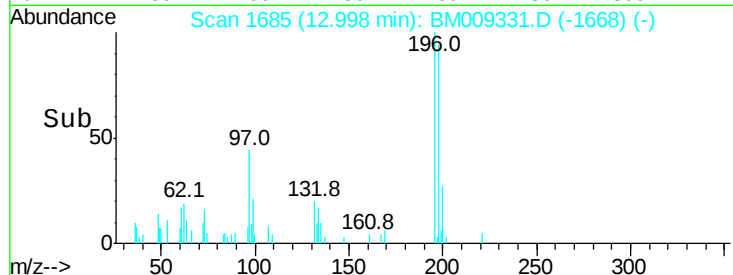
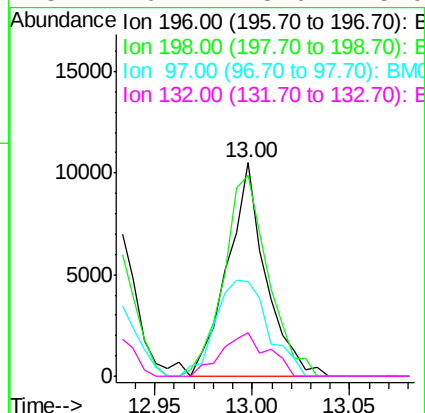
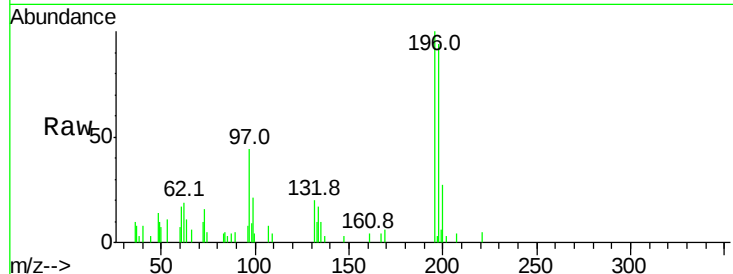




#43
2,4,5-Trichlorophenol
Concen: 1.56 ng
RT: 13.00 min Scan# 1685
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

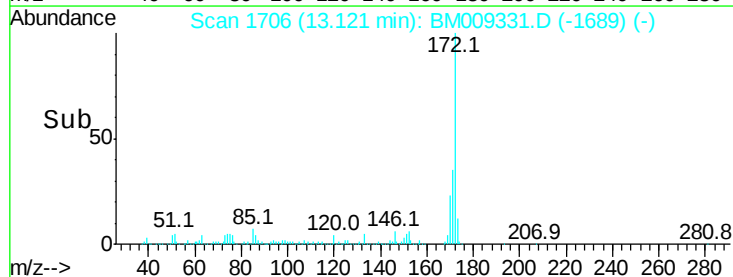
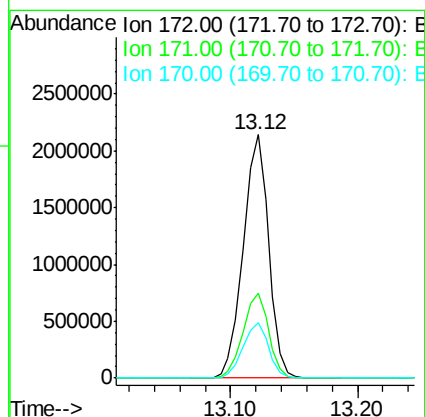
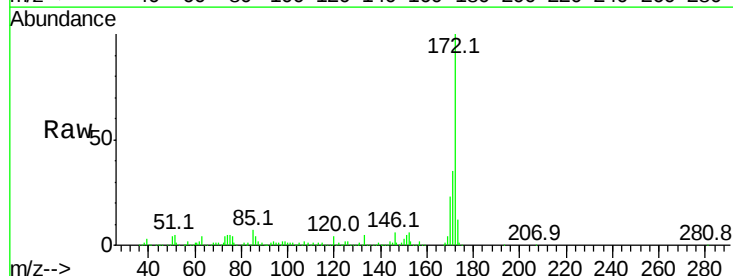
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

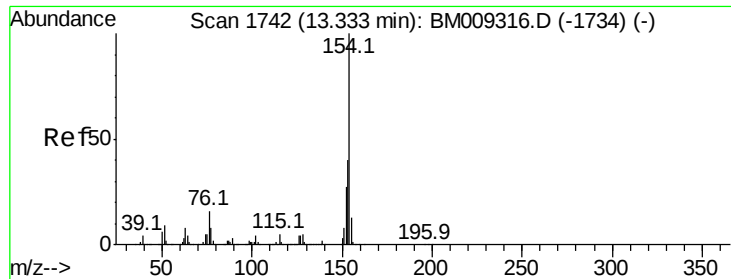
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	79.4	119.0
97	44.1	26.8	40.2
132	20.2	18.6	28.0



#44
2-Fluorobiphenyl
Concen: 94.04 ng
RT: 13.12 min Scan# 1706
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.5	42.7
170	22.9	18.8	28.2

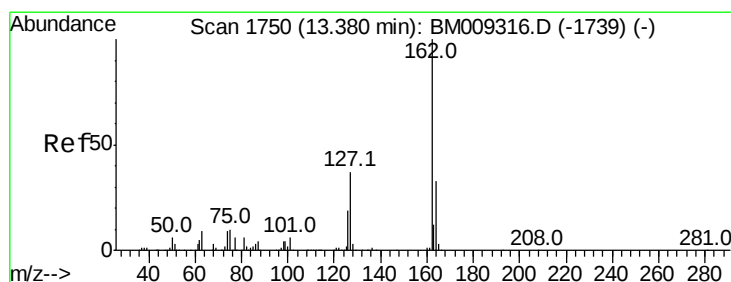
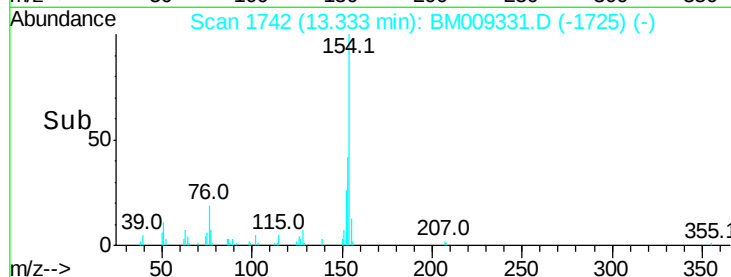
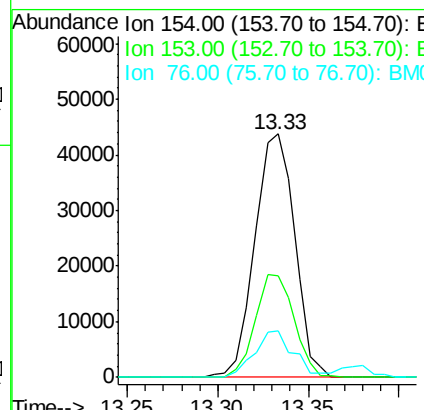
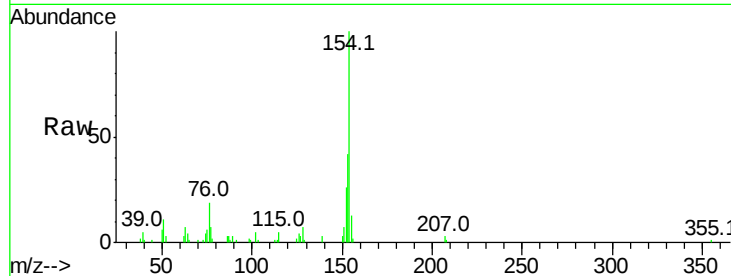




#45
 1,1'-Biphenyl
 Concen: 2.11 ng
 RT: 13.33 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

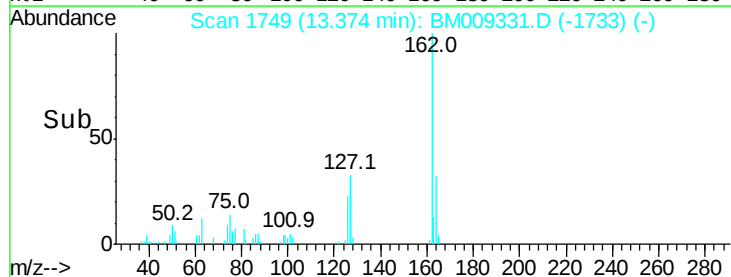
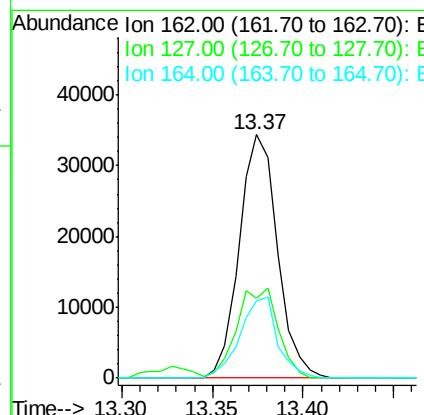
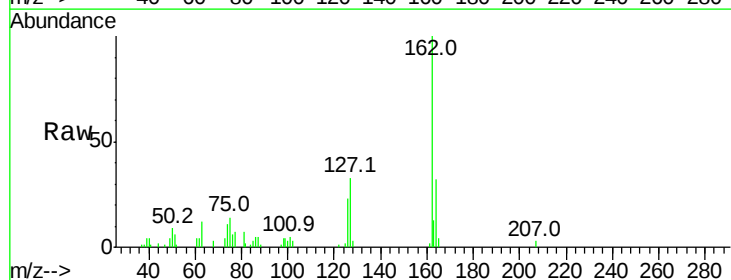
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

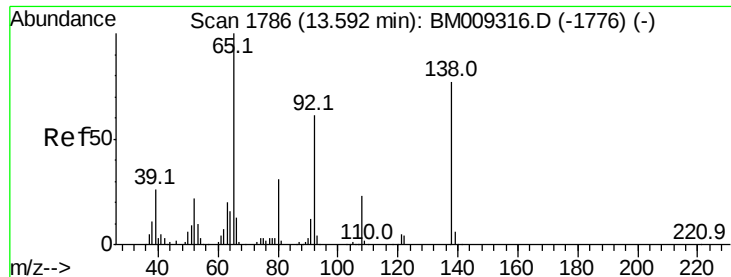
Tot Ion	Ratio	Lower	Upper
154	100		
153	41.9	20.7	60.7
76	18.8	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 2.05 ng
 RT: 13.37 min Scan# 1749
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
162	100		
127	32.9	26.9	40.3
164	31.7	26.8	40.2





#47

2-Nitroaniline

Concen: 1.57 ng

RT: 13.59 min Scan# 1786

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

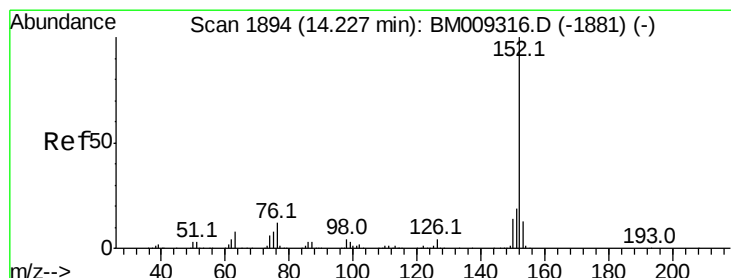
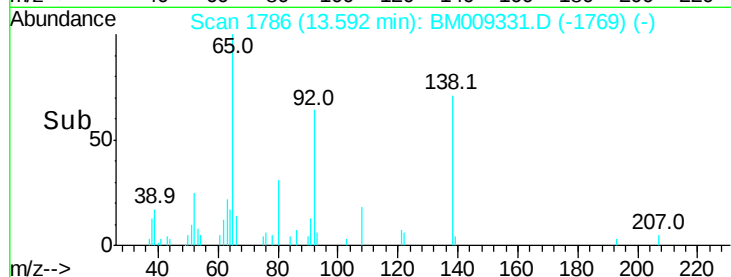
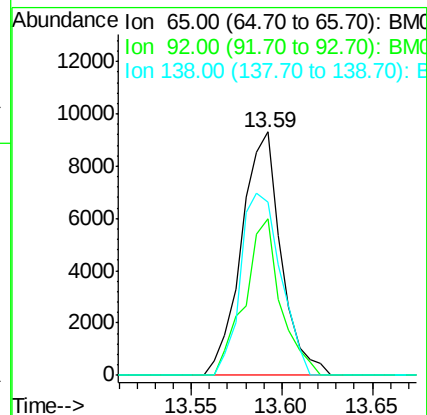
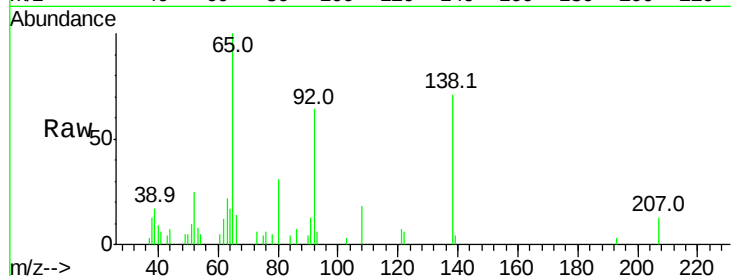
Tot Ion: 65 Resp: 14168

Ion Ratio Lower Upper

65 100

92 64.4 59.1 88.7

138 71.0 93.9 140.9#



#48

Acenaphthylene

Concen: 1.74 ng

RT: 14.22 min Scan# 1893

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

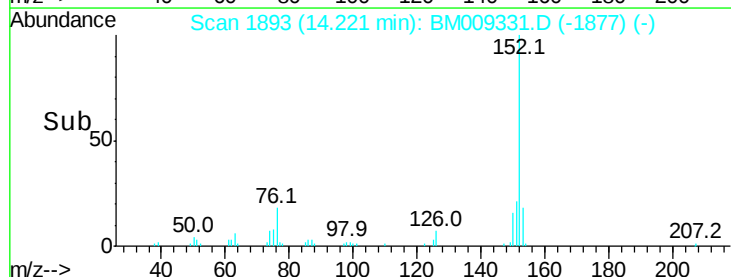
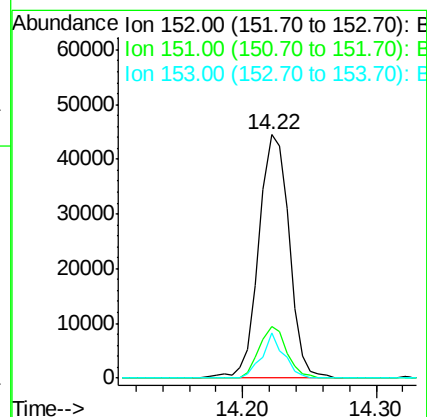
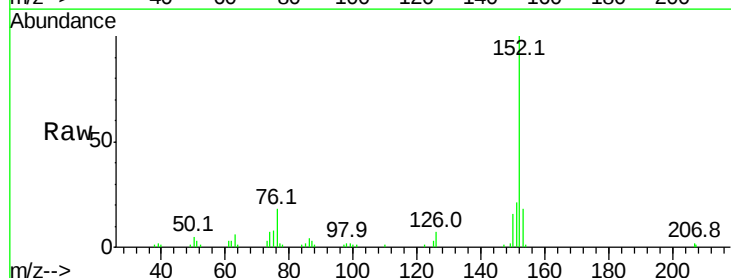
Tgt Ion:152 Resp: 69713

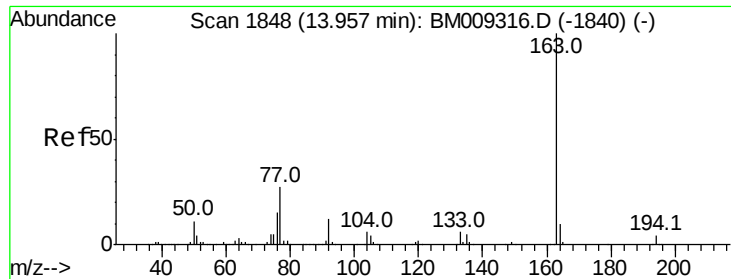
Ion Ratio Lower Upper

152 100

151 21.0 15.9 23.9

153 18.4 10.6 16.0#





#49

Dimethylphthalate

Concen: 1.89 ng

RT: 13.95 min Scan# 1847

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

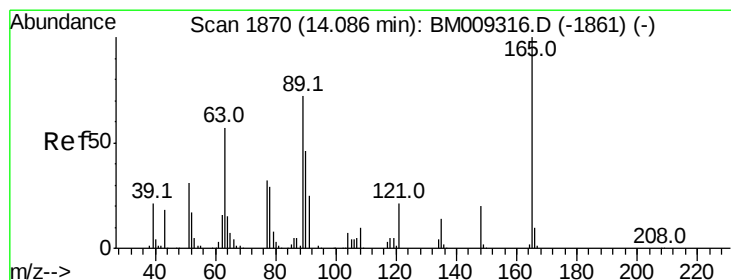
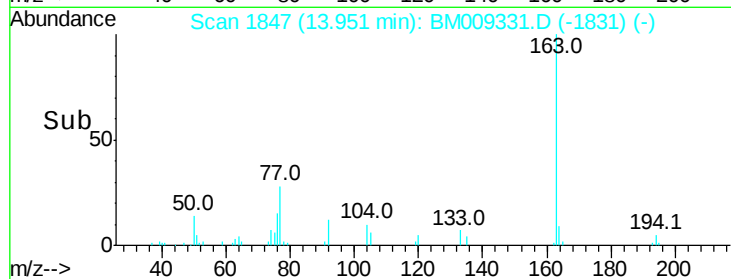
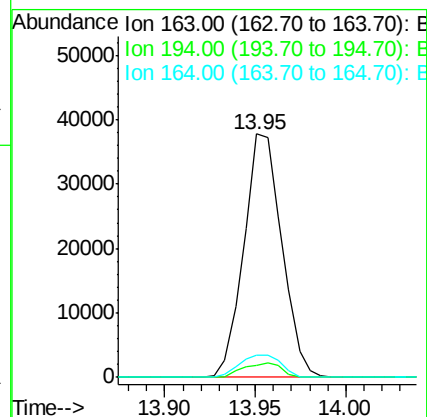
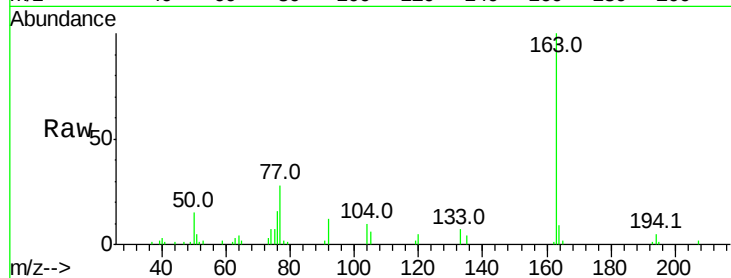
Tot Ion:163 Resp: 55178

Ion Ratio Lower Upper

163 100

194 4.9 2.7 4.1#

164 9.0 8.2 12.2



#50

2,6-Dinitrotoluene

Concen: 1.62 ng

RT: 14.08 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

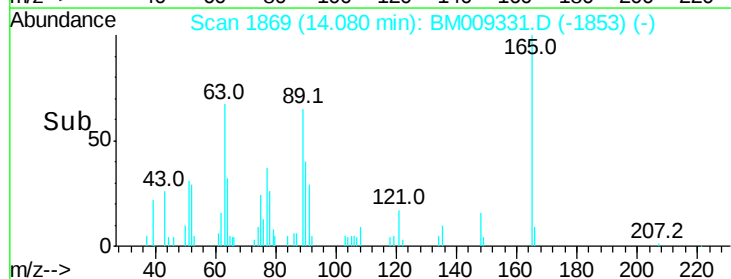
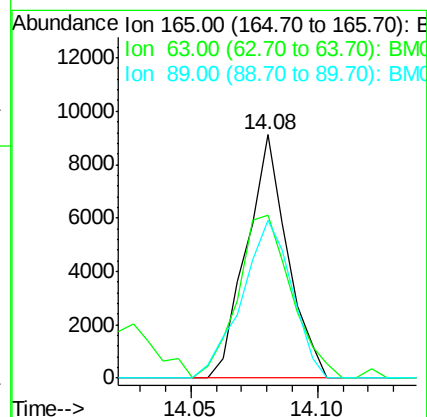
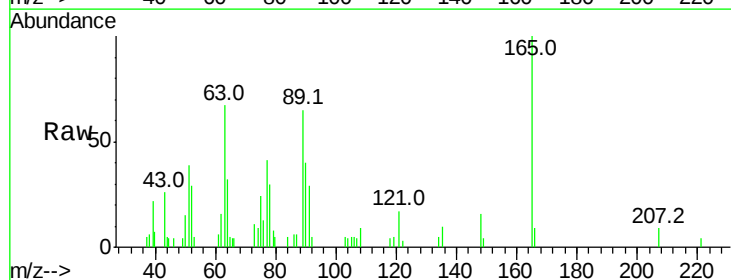
Tgt Ion:165 Resp: 10207

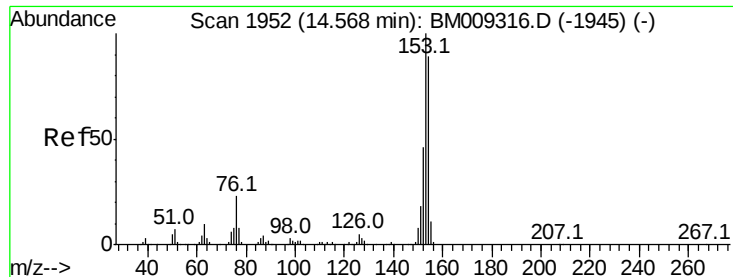
Ion Ratio Lower Upper

165 100

63 66.7 44.1 66.1#

89 65.1 44.3 66.5





#51

Acenaphthene

Concen: 1.93 ng

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

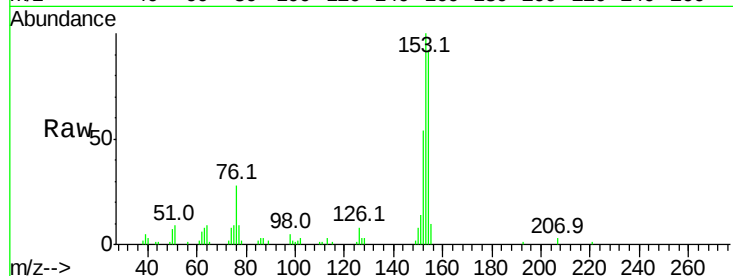
Tot Ion:154 Resp: 46523

Ion Ratio Lower Upper

154 100

153 109.0 90.0 135.0

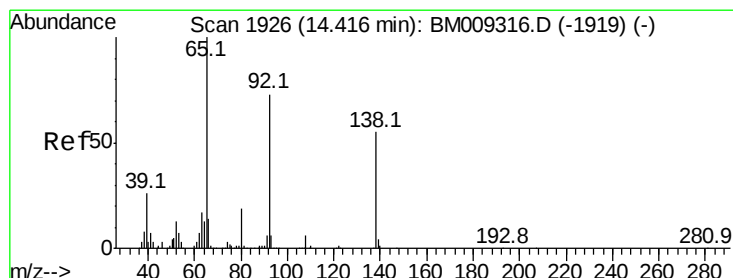
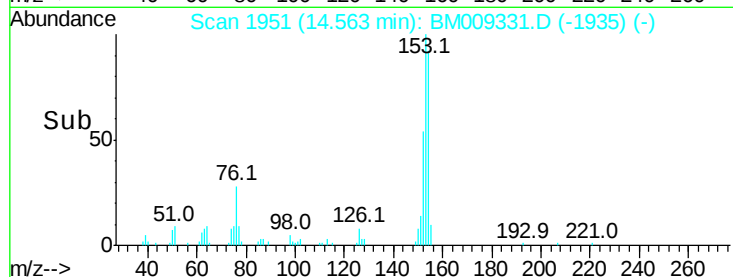
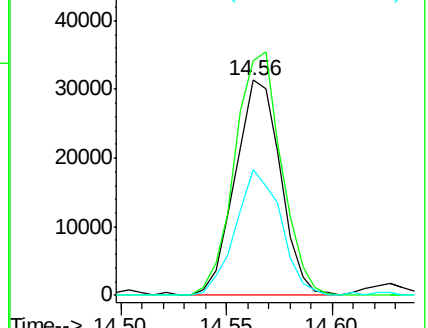
152 58.6 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.41 ng

RT: 14.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

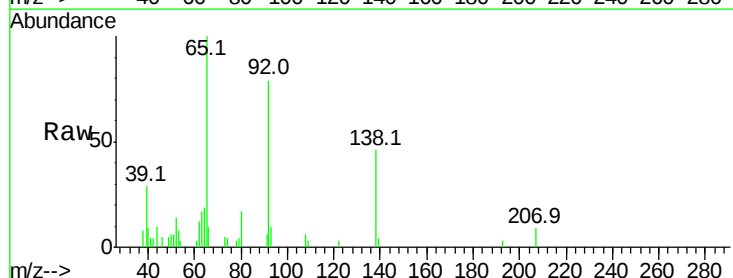
Tgt Ion:138 Resp: 8730

Ion Ratio Lower Upper

138 100

108 13.5 7.3 10.9#

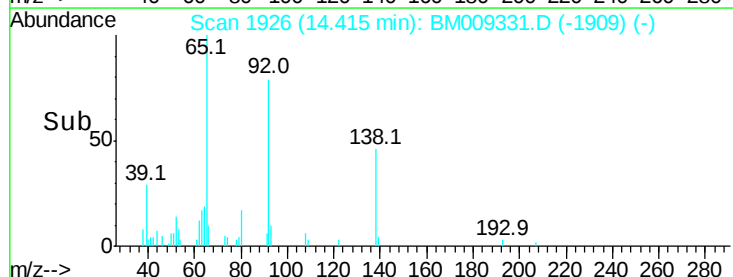
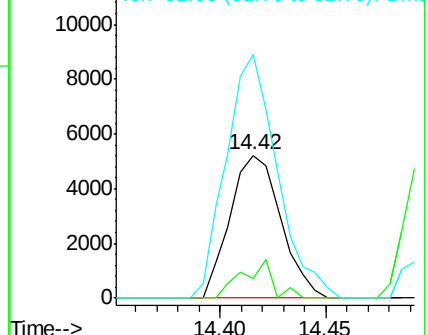
92 170.7 76.6 114.8#

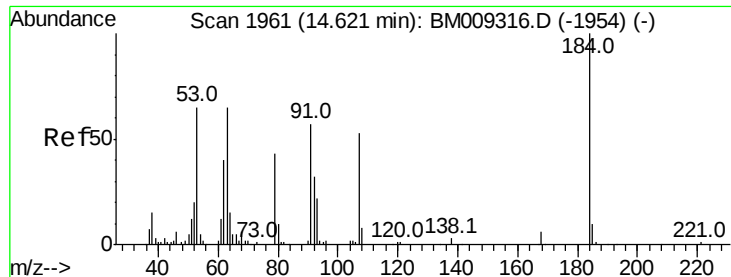


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

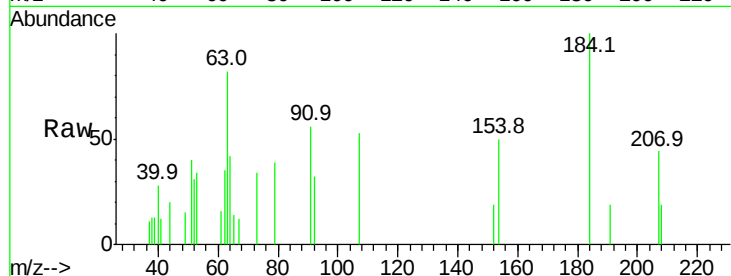




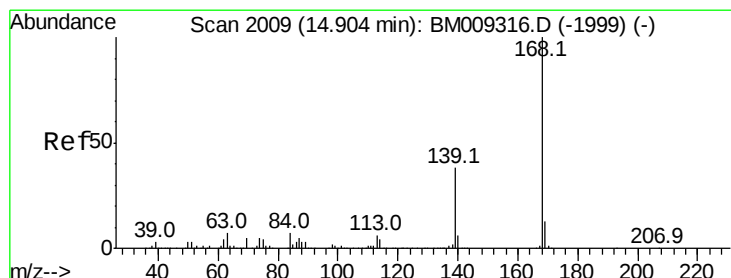
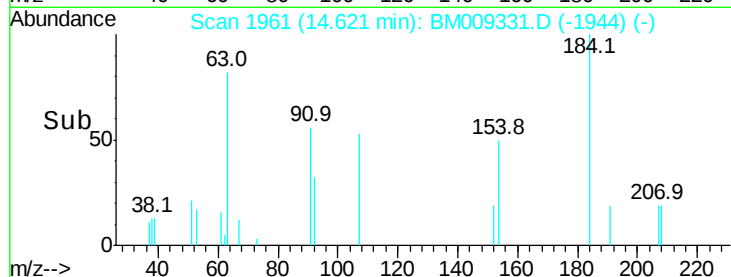
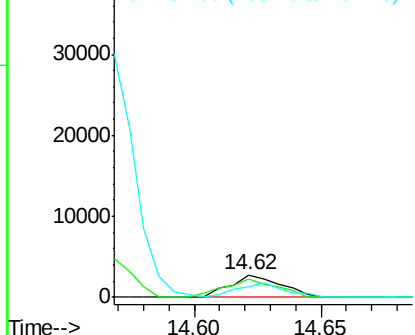
#53
2,4-Dinitrophenol
Concen: 6.31 ng
RT: 14.62 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:184 Resp: 3832
Ion Ratio Lower Upper
184 100
63 81.6 69.2 103.8
154 49.7 53.3 79.9#

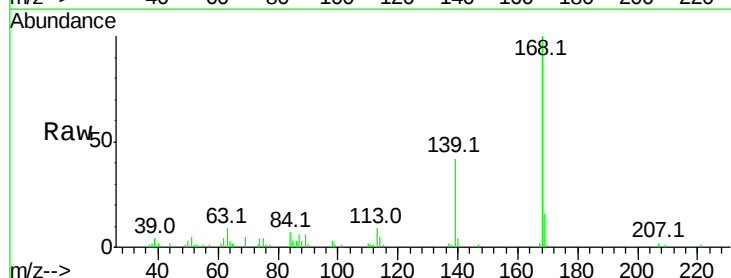


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

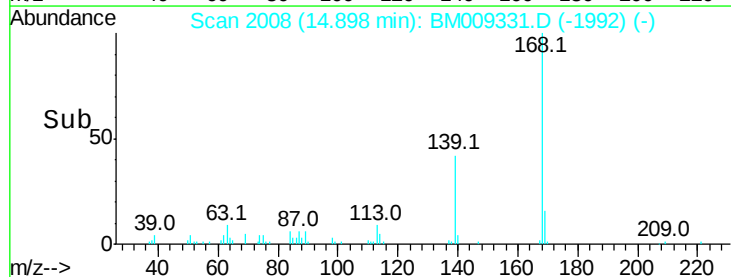
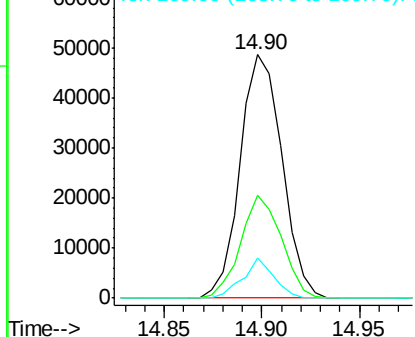


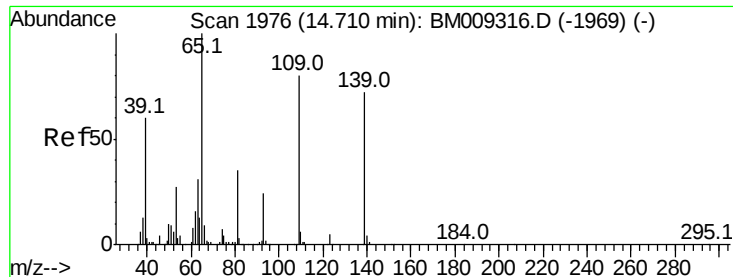
#54
Dibenzofuran
Concen: 2.03 ng
RT: 14.90 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:168 Resp: 72374
Ion Ratio Lower Upper
168 100
139 42.4 27.3 40.9#
169 16.3 10.6 16.0#



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

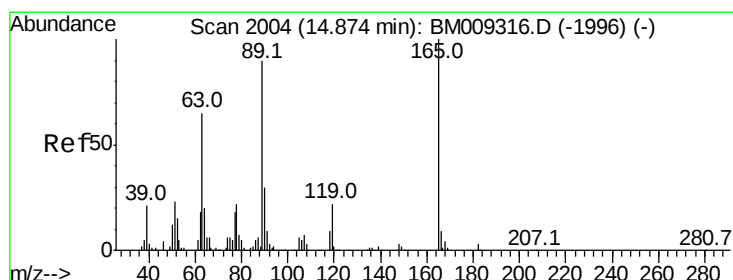
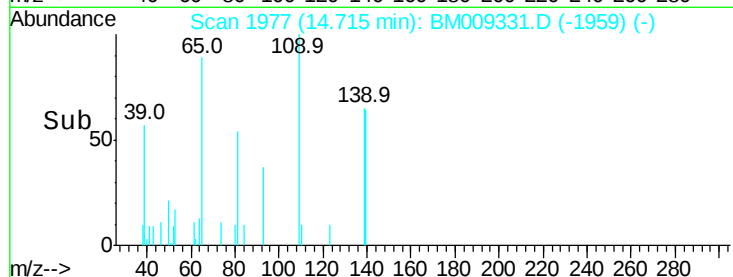
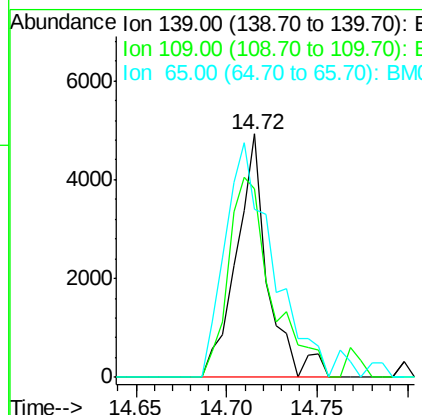
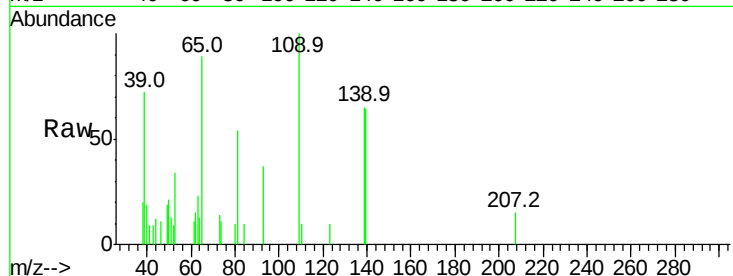




#55
4-Nitrophenol
Concen: 1.16 ng
RT: 14.72 min Scan# 1977
Delta R.T. 0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

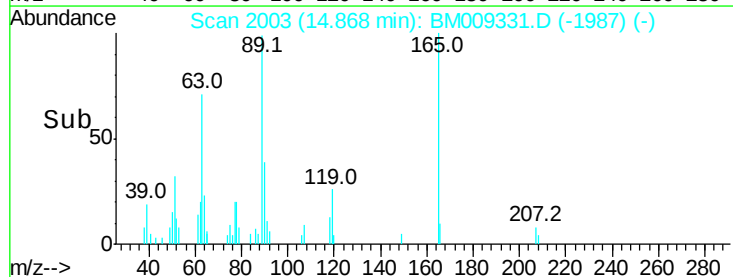
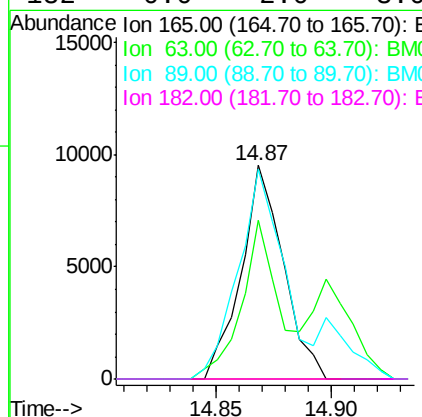
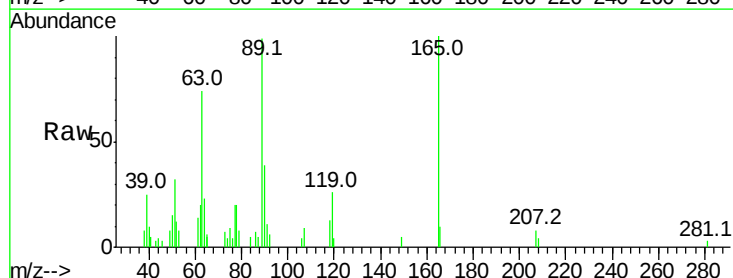
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

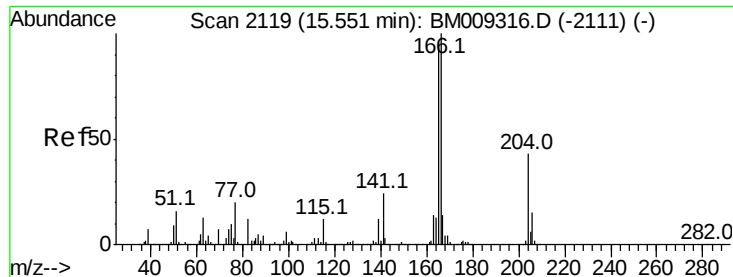
Tot Ion:139 Resp: 5916
Ion Ratio Lower Upper
139 100
109 77.3 37.7 77.7
65 69.1 49.9 89.9



#56
2,4-Dinitrotoluene
Concen: 1.43 ng
RT: 14.87 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:165 Resp: 12187
Ion Ratio Lower Upper
165 100
63 74.0 52.4 78.6
89 98.6 72.4 108.6
182 0.0 2.0 3.0#

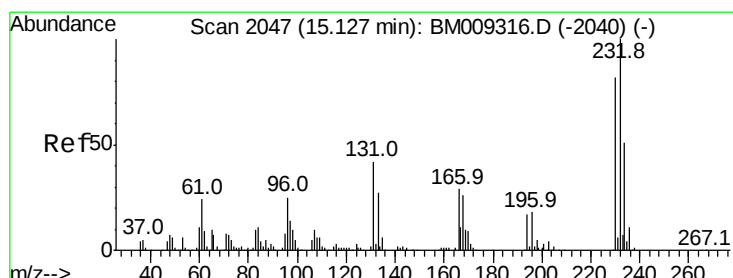
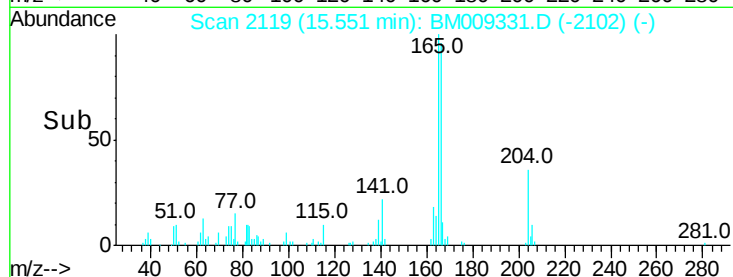
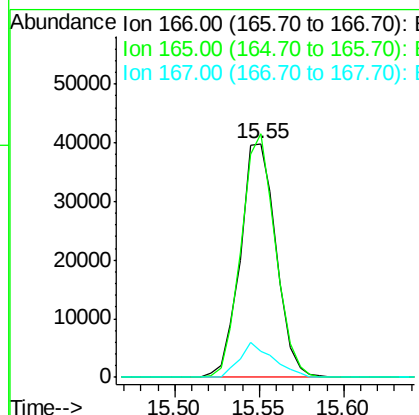
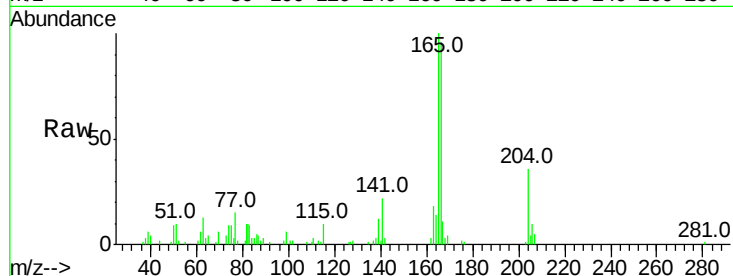




#57
 Fluorene
 Concen: 1.83 ng
 RT: 15.55 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

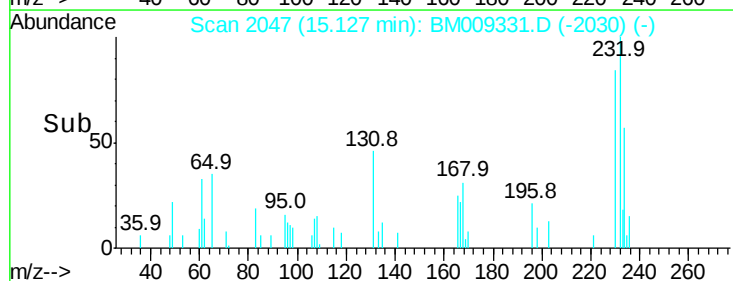
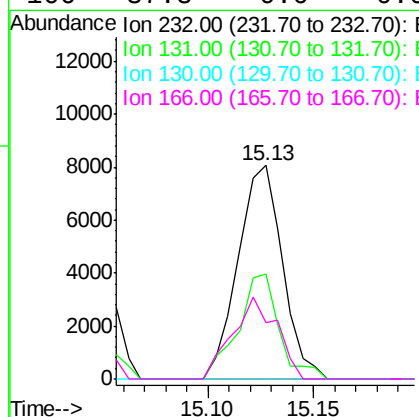
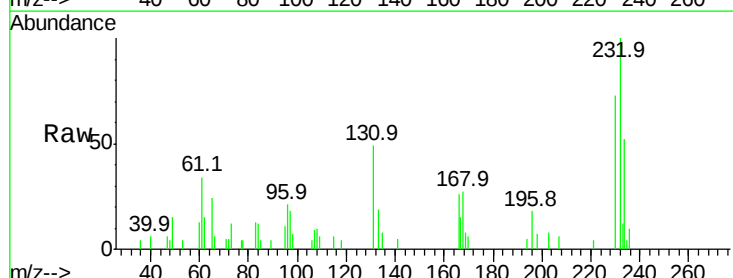
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

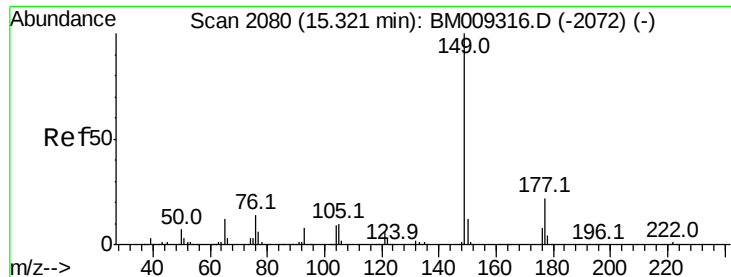
Tot Ion:166 Resp: 58743
 Ion Ratio Lower Upper
 166 100
 165 104.3 79.0 118.4
 167 11.3 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.52 ng
 RT: 15.13 min Scan# 2047
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion:232 Resp: 11756
 Ion Ratio Lower Upper
 232 100
 131 45.6 0.0 0.0#
 130 0.0 0.0 0.0
 166 37.8 0.0 0.0#

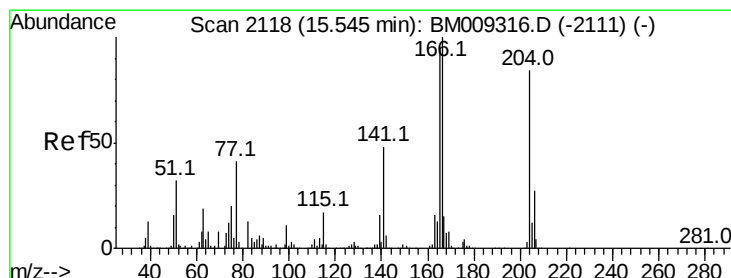
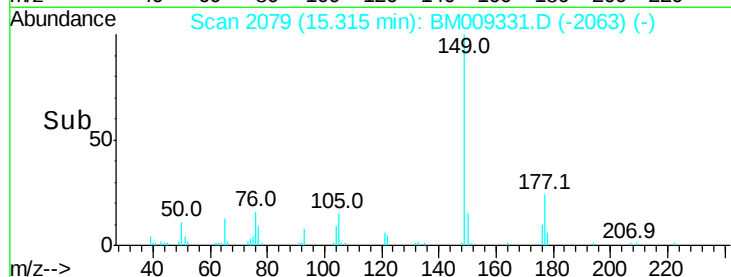
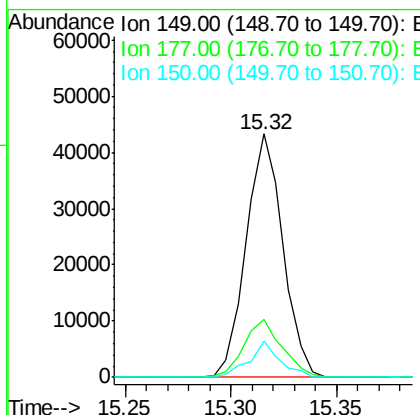
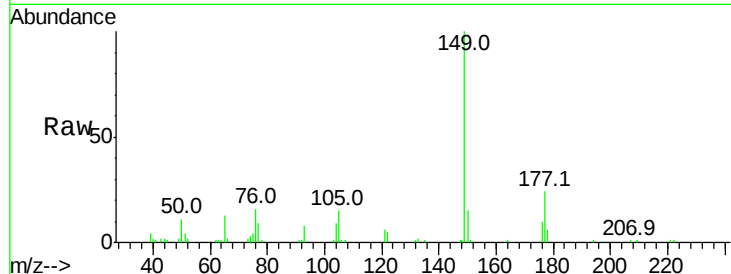




#59
Diethylphthalate
Concen: 1.77 ng
RT: 15.32 min Scan# 2079
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

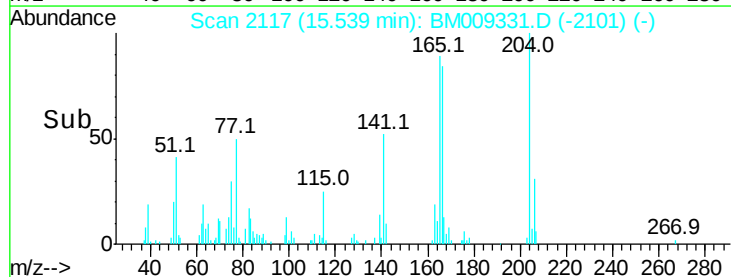
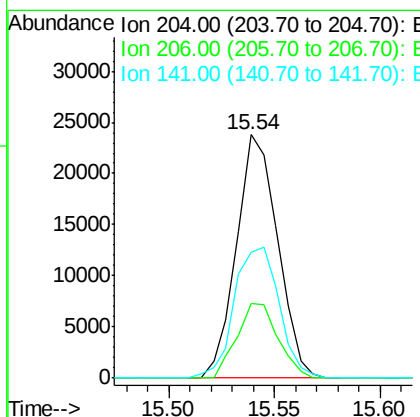
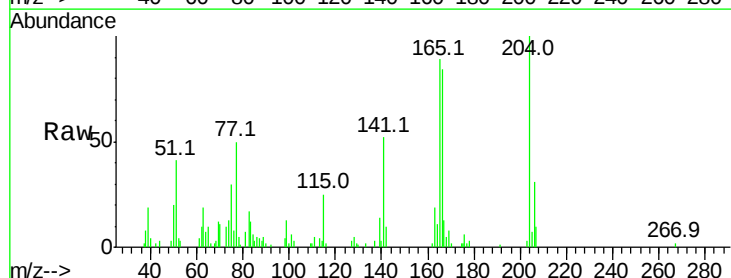
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

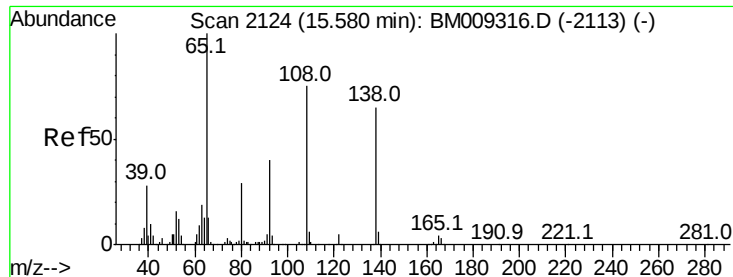
Tot Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.3	27.5
150	14.7	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 1.93 ng
RT: 15.54 min Scan# 2117
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.6	26.6	39.8
141	51.8	45.2	67.8

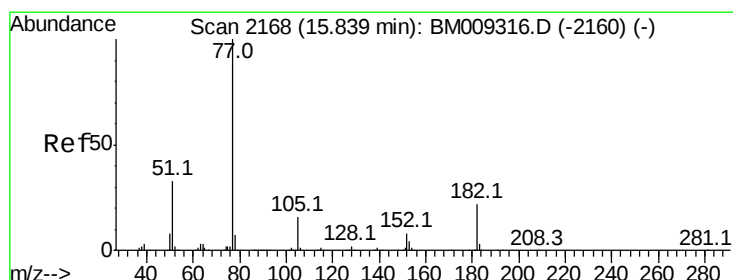
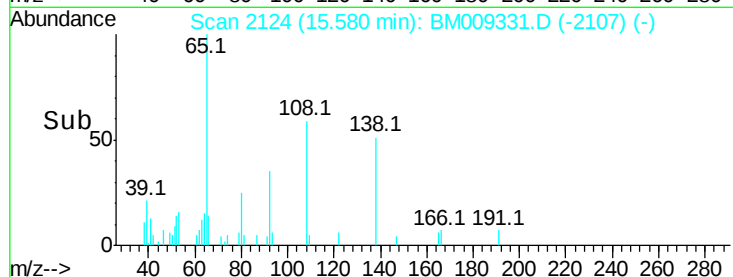
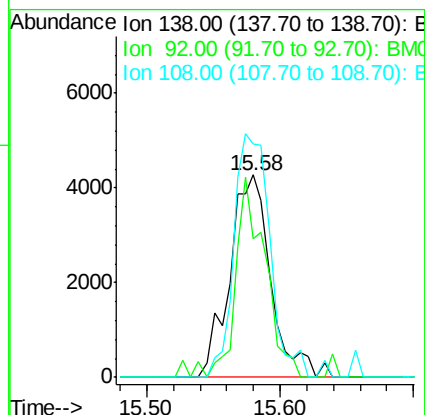
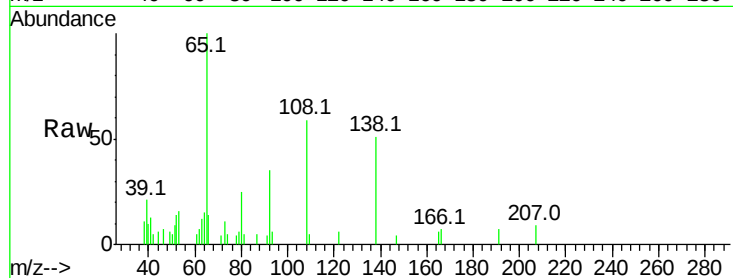




#61
4-Nitroaniline
Concen: 1.36 ng
RT: 15.58 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

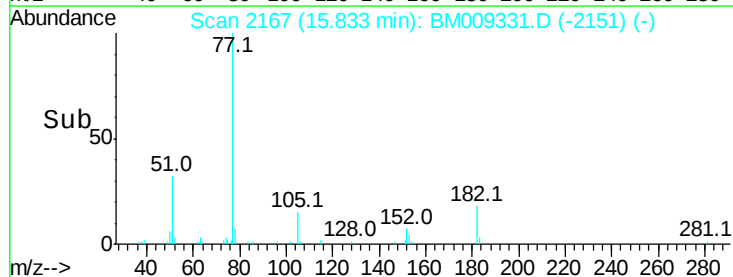
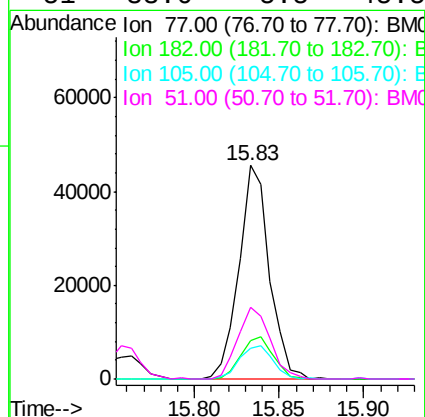
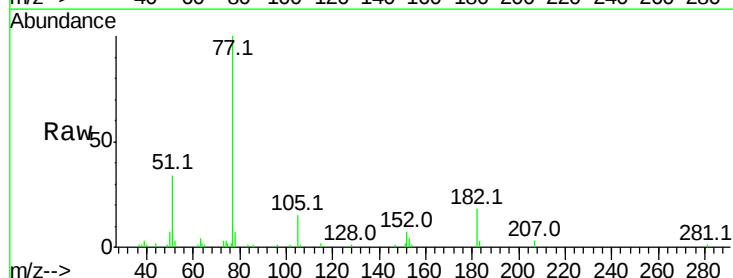
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

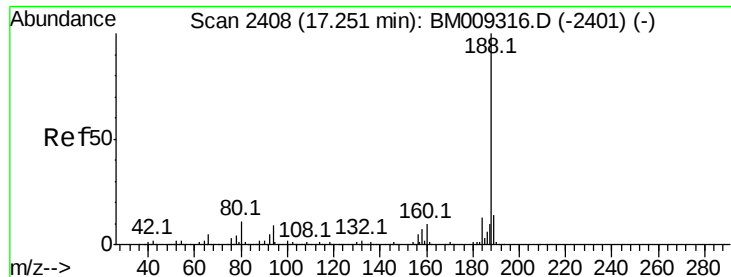
Tot Ion:138 Resp: 9151
Ion Ratio Lower Upper
138 100
92 68.4 16.7 56.7#
108 115.0 37.6 77.6#



#62
Azobenzene
Concen: 1.66 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion: 77 Resp: 57252
Ion Ratio Lower Upper
77 100
182 18.1 6.5 46.5
105 14.7 3.8 43.8
51 33.6 5.5 45.5

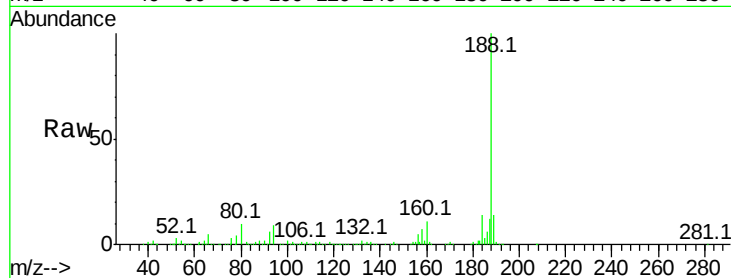




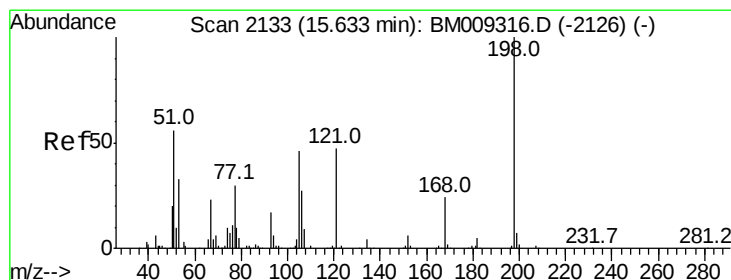
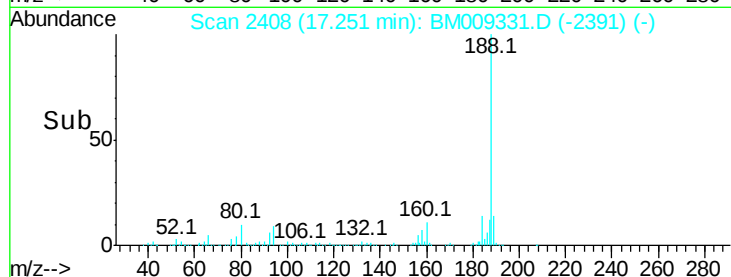
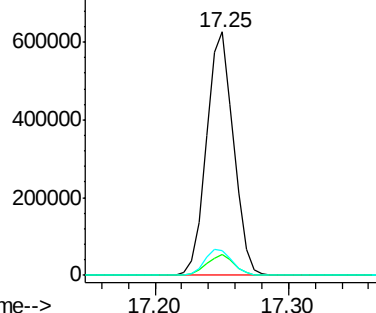
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:188 Resp: 874945
Ion Ratio Lower Upper
188 100
94 8.8 8.7 13.1
80 10.2 9.3 13.9

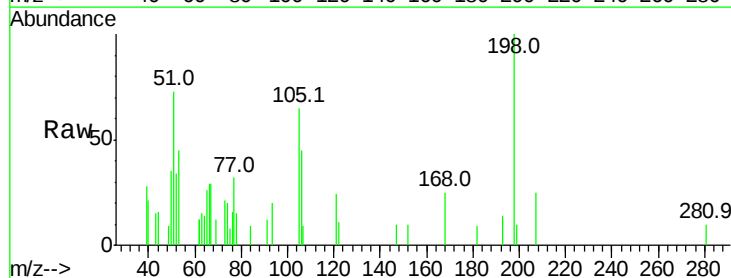


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM
Ion 80.00 (79.70 to 80.70): BM

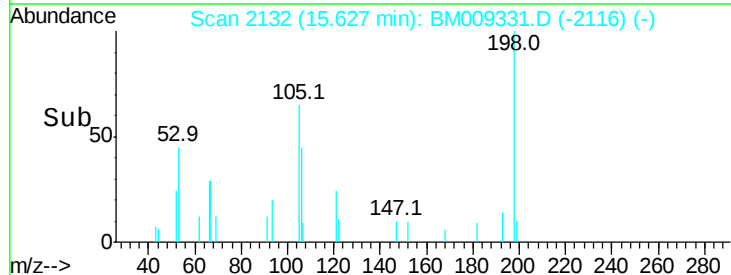
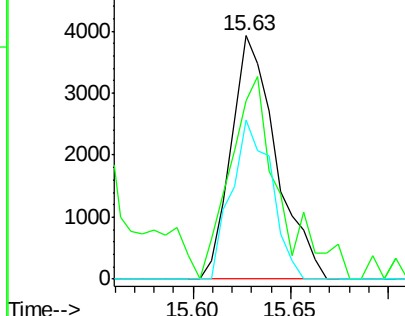


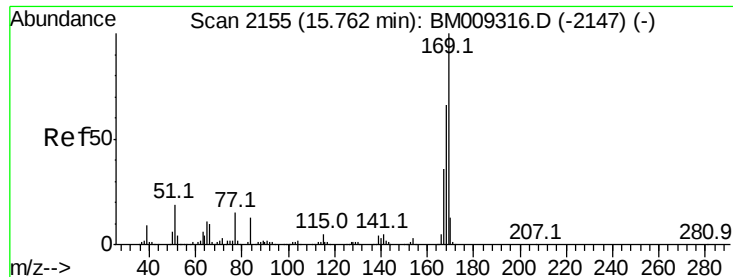
#64
4,6-Dinitro-2-methylphenol
Concen: 1.14 ng
RT: 15.63 min Scan# 2132
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:198 Resp: 6262
Ion Ratio Lower Upper
198 100
51 73.3 28.8 68.8#
105 65.2 30.5 70.5



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

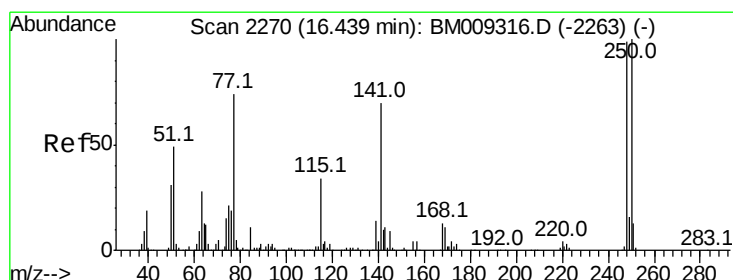
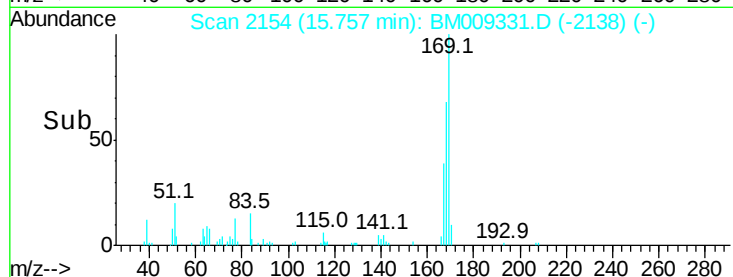
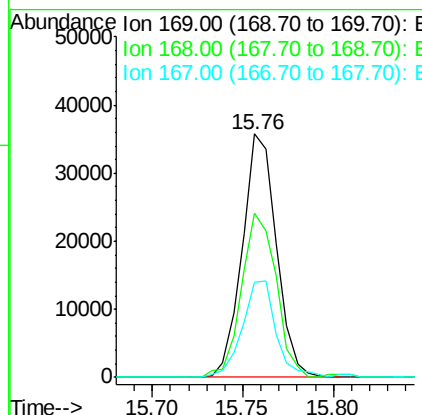
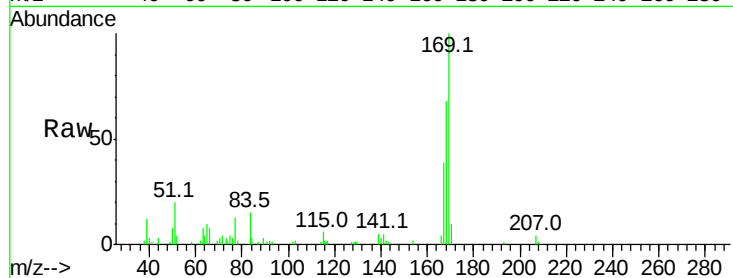




#65
 n-Nitrosodiphenylamine
 Concen: 1.76 ng
 RT: 15.76 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

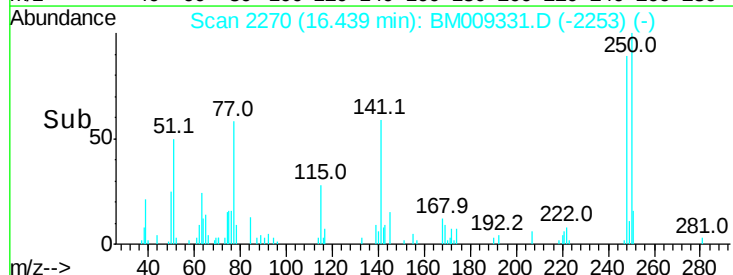
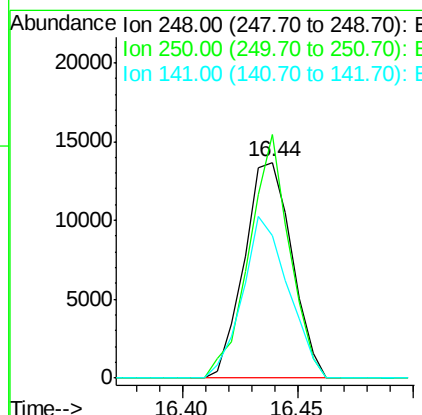
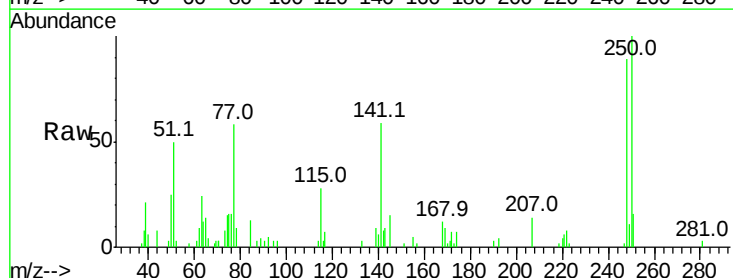
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

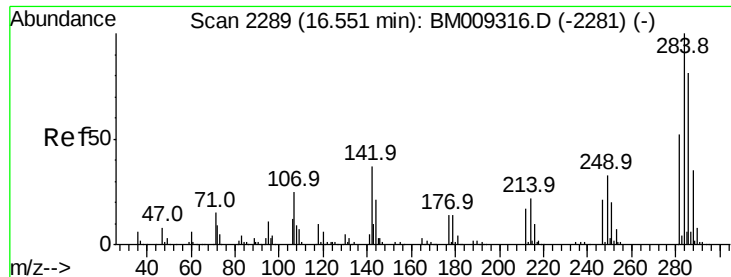
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.9	80.9
167	39.1	28.9	43.3



#66
 4-Bromophenyl-phenylether
 Concen: 1.94 ng
 RT: 16.44 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	112.8	77.4	116.0
141	66.1	45.2	67.8





#67

Hexachlorobenzene

Concen: 1.95 ng

RT: 16.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

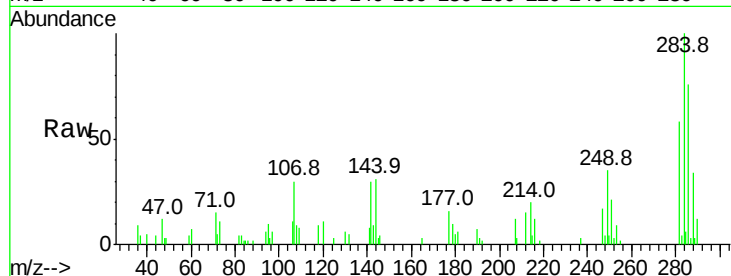
Tot Ion:284 Resp: 21616

Ion Ratio Lower Upper

284 100

142 30.1 20.4 30.6

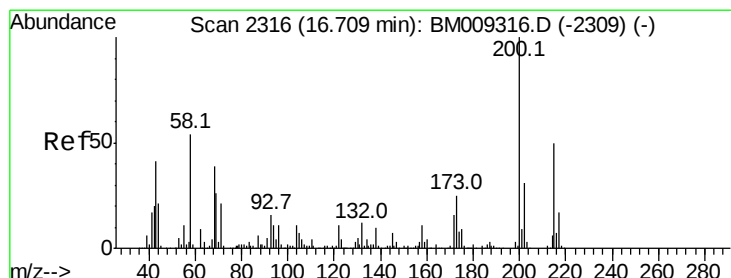
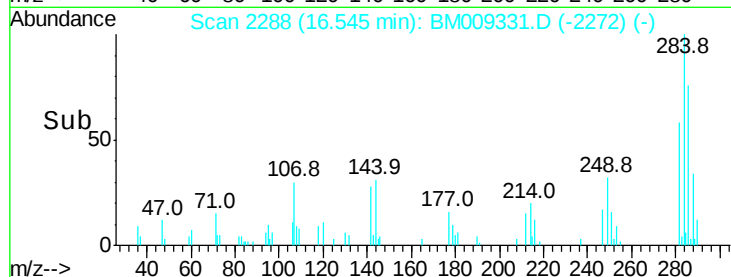
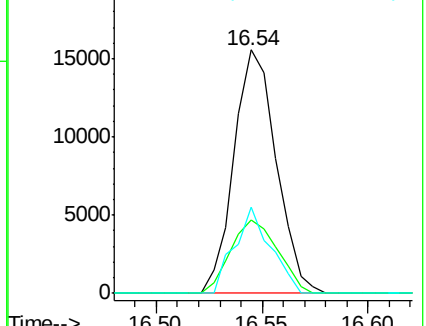
249 35.4 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 1.82 ng

RT: 16.70 min Scan# 2315

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

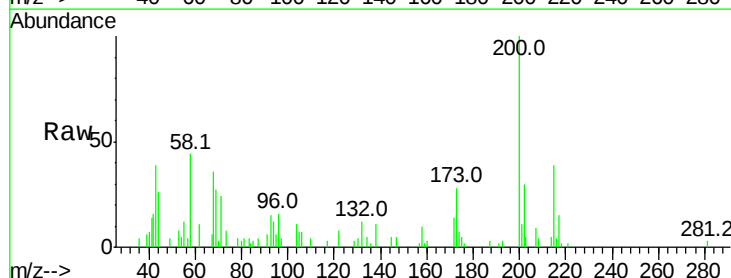
Tgt Ion:200 Resp: 18168

Ion Ratio Lower Upper

200 100

173 28.0 4.8 44.8

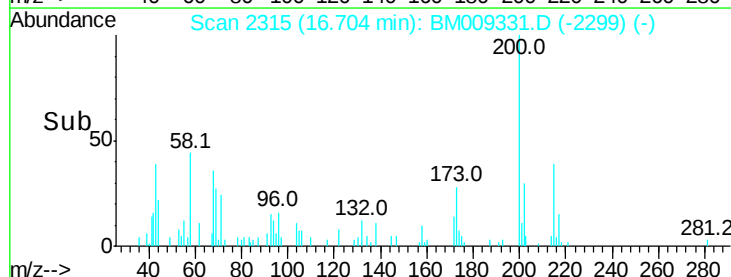
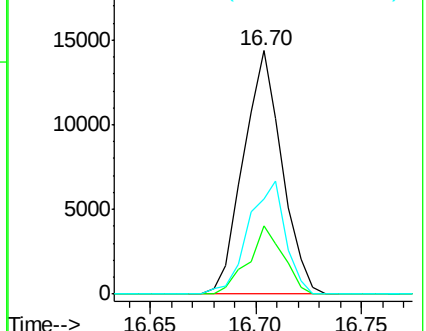
215 39.1 26.9 66.9

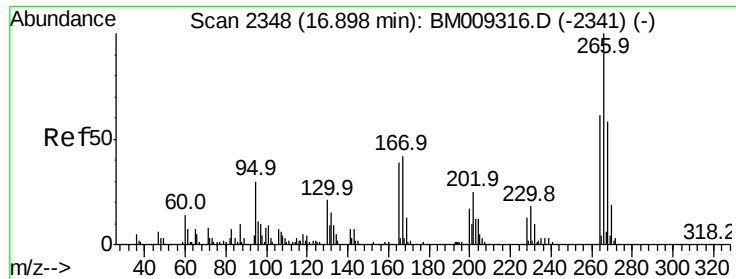


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

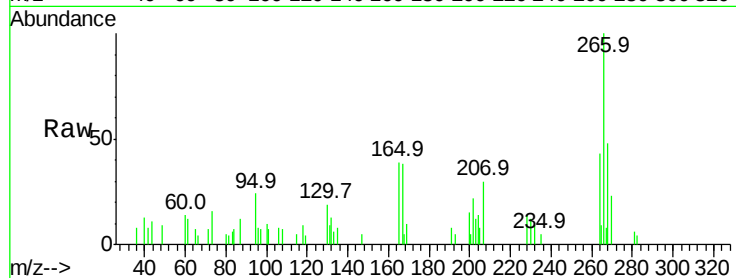




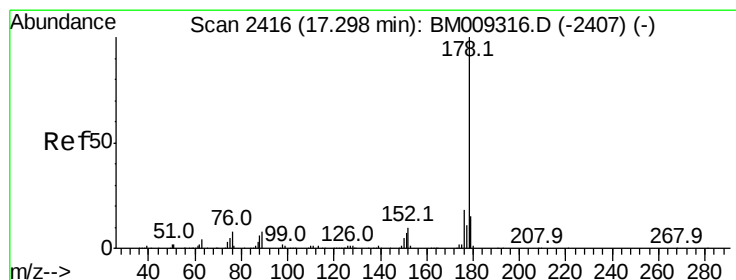
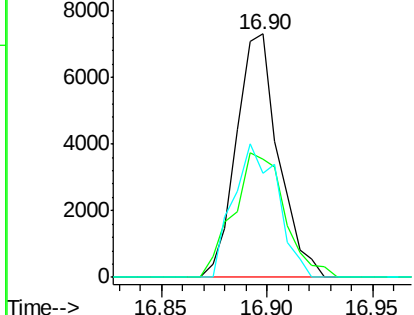
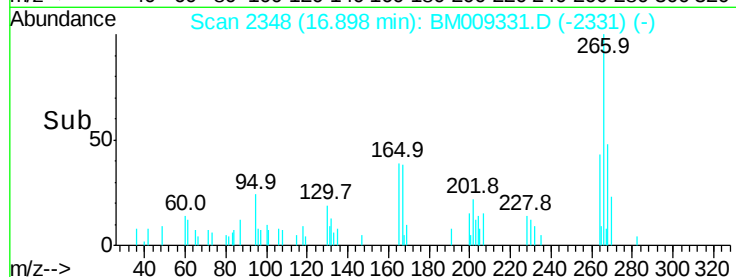
#69
 Pentachlorophenol
 Concen: 1.49 ng
 RT: 16.90 min Scan# 2348
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

Tot Ion	Ratio	Lower	Upper
266	100		
268	48.3	52.0	78.0#
264	42.8	49.0	73.4#

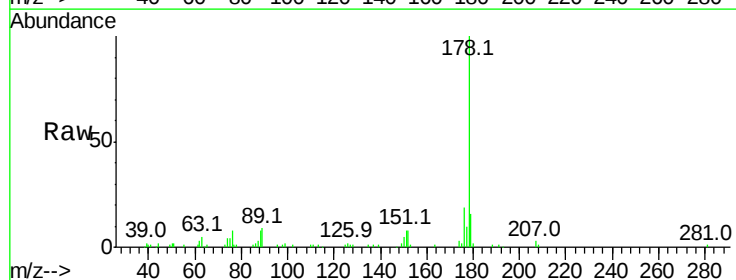


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

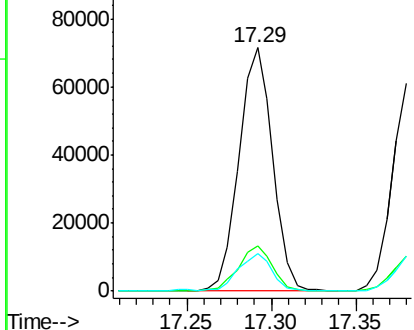
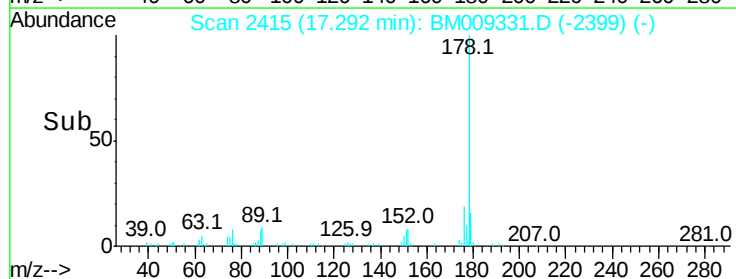


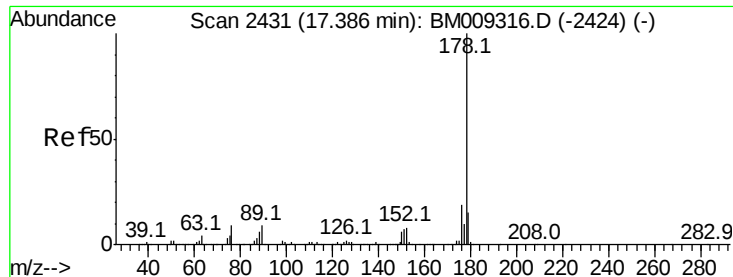
#70
 Phenanthrene
 Concen: 1.98 ng
 RT: 17.29 min Scan# 2415
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.2	22.8
179	15.5	12.1	18.1



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

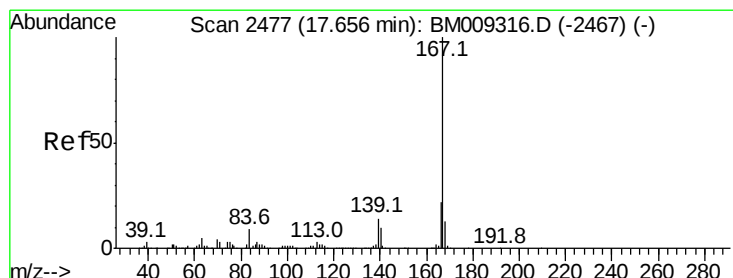
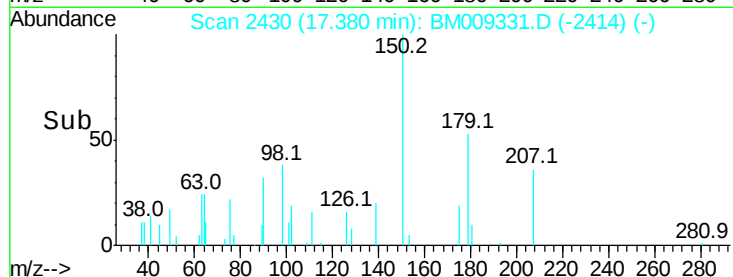
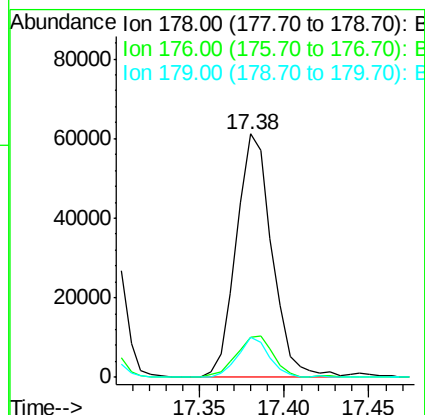
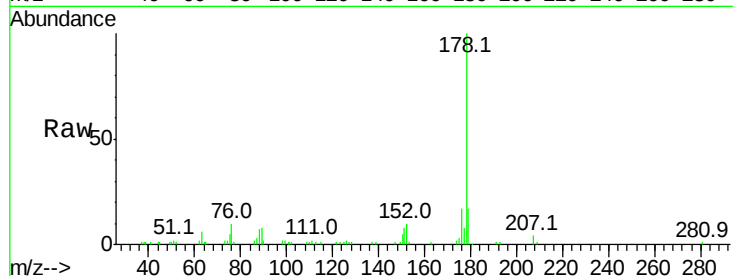




#71
 Anthracene
 Concen: 1.78 ng
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

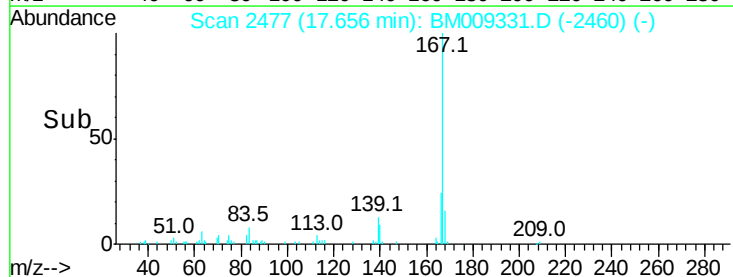
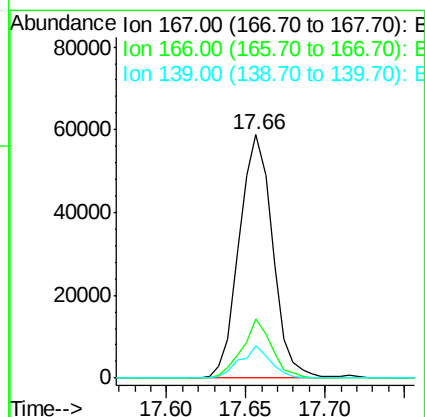
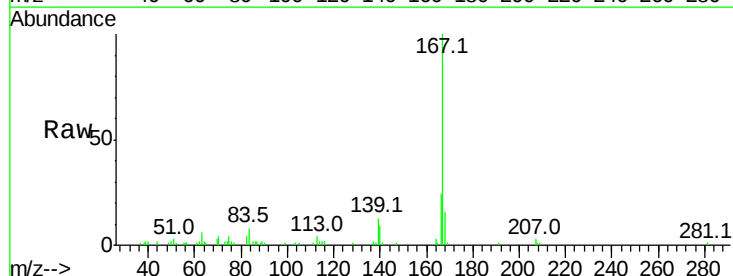
Instrument :
 BNA_M
 ClientSampleId :
 LOD-WATER-05-QT2-2017

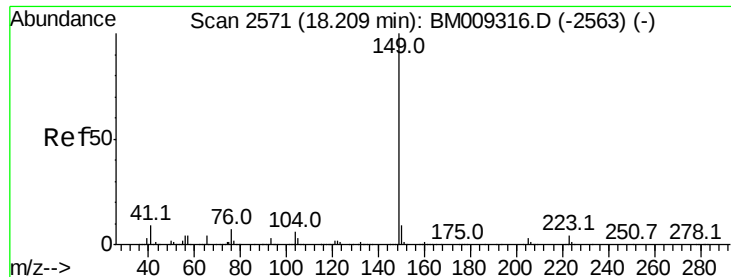
Tot Ion:178 Resp: 90371
 Ion Ratio Lower Upper
 178 100
 176 16.6 14.6 22.0
 179 16.7 12.6 19.0



#72
 Carbazole
 Concen: 1.78 ng
 RT: 17.66 min Scan# 2477
 Delta R.T. -0.00 min
 Lab File: BM009331.D
 Acq: 22 Mar 2017 22:58

Tgt Ion:167 Resp: 86332
 Ion Ratio Lower Upper
 167 100
 166 24.3 17.2 25.8
 139 13.1 10.8 16.2

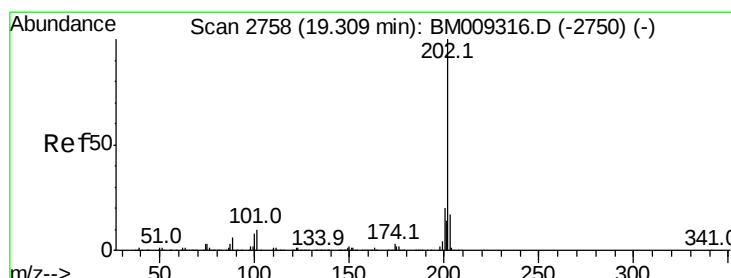
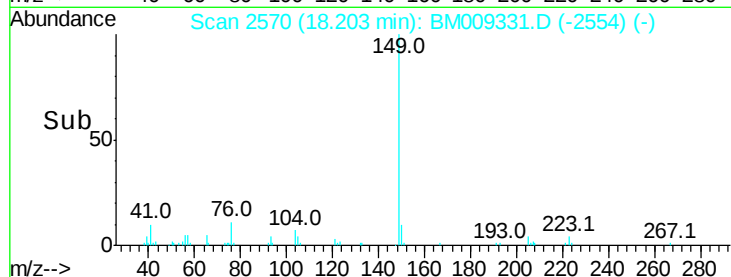
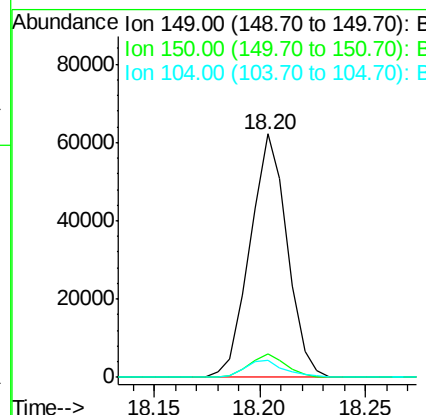
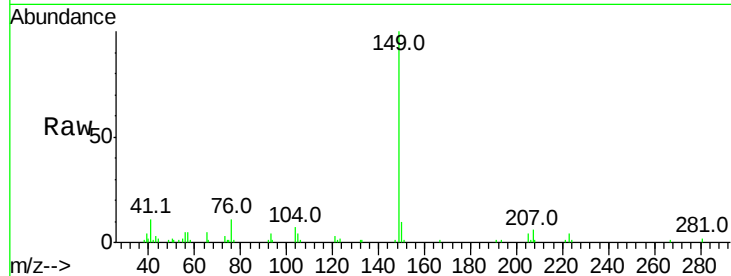




#73
Di-n-butylphthalate
Concen: 1.53 ng
RT: 18.20 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

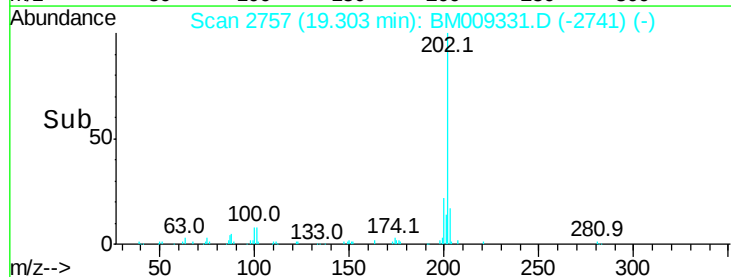
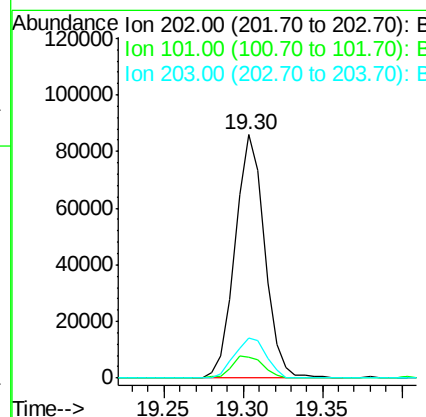
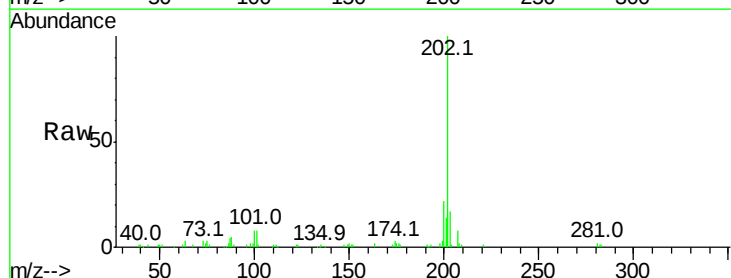
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

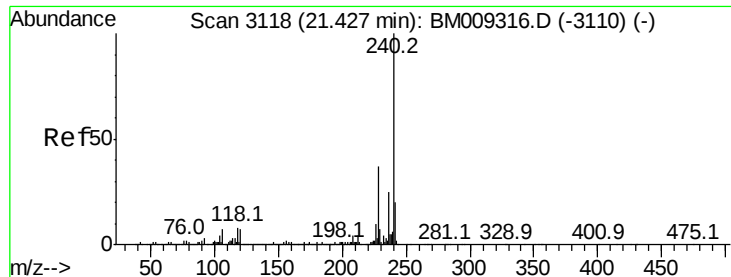
Tot Ion:149 Resp: 75826
Ion Ratio Lower Upper
149 100
150 9.6 7.5 11.3
104 7.3 3.7 5.5#



#74
Fluoranthene
Concen: 1.87 ng
RT: 19.30 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:202 Resp: 110831
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.7
203 16.6 0.0 37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.42 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

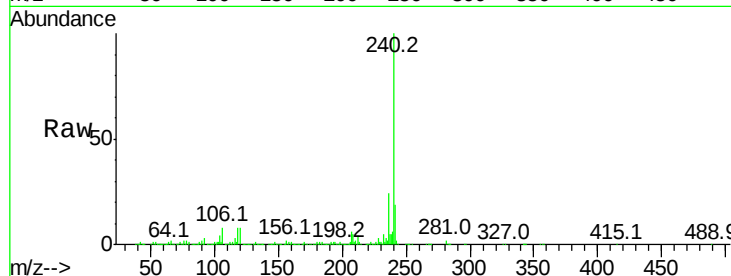
Tot Ion:240 Resp: 1158150

Ion Ratio Lower Upper

240 100

120 8.1 8.2 12.2#

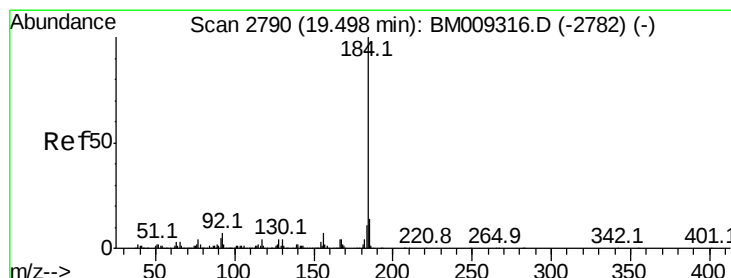
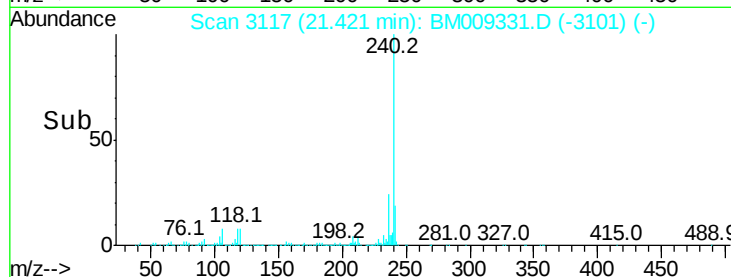
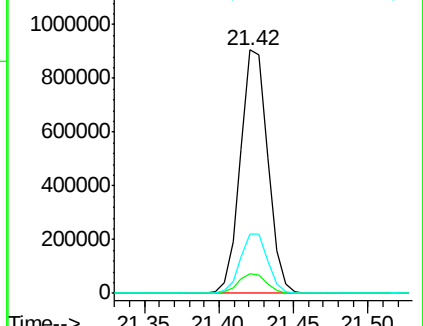
236 24.2 20.0 30.0



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 1.23 ng

RT: 19.50 min Scan# 2790

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

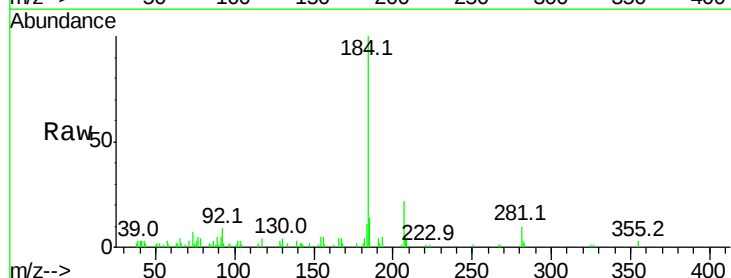
Tgt Ion:184 Resp: 42391

Ion Ratio Lower Upper

184 100

185 14.2 11.3 16.9

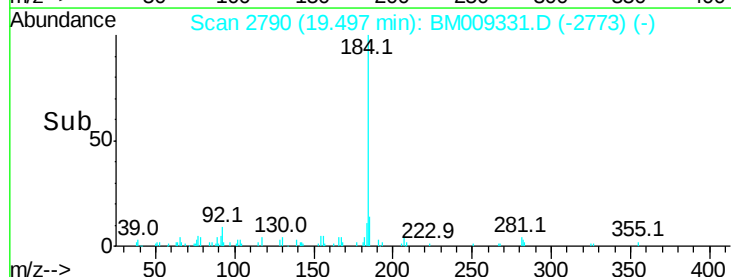
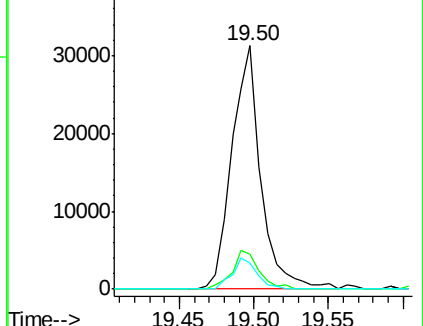
183 10.9 8.9 13.3

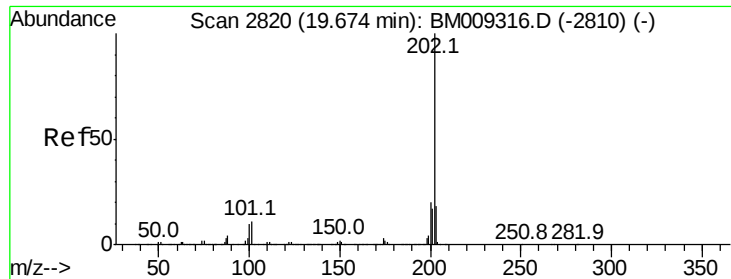


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

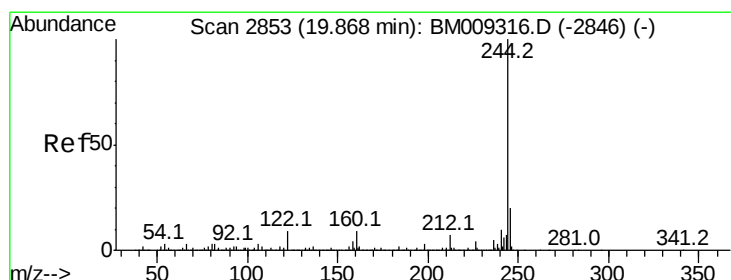
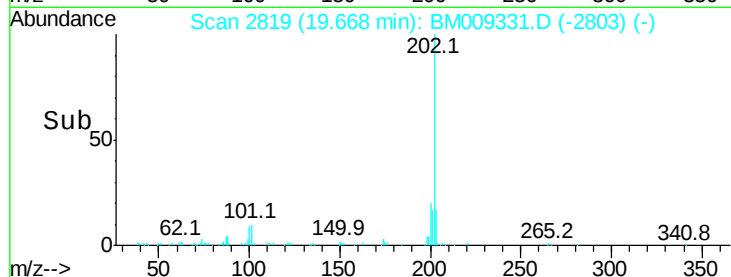
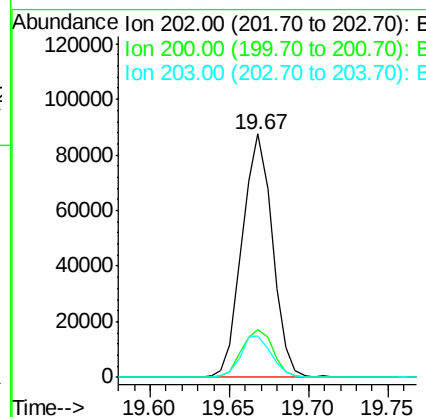
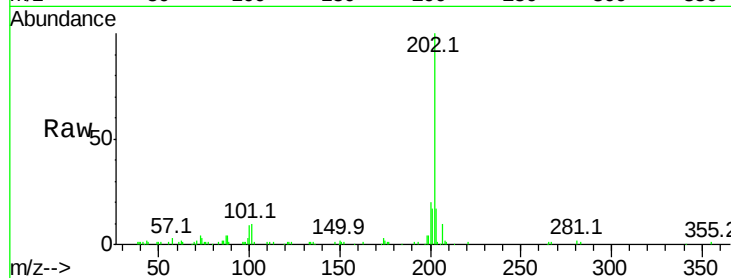




#77
Pvrene
Concen: 1.78 ng
RT: 19.67 min Scan# 2819
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

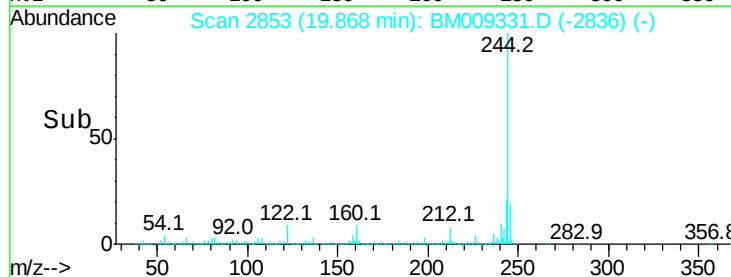
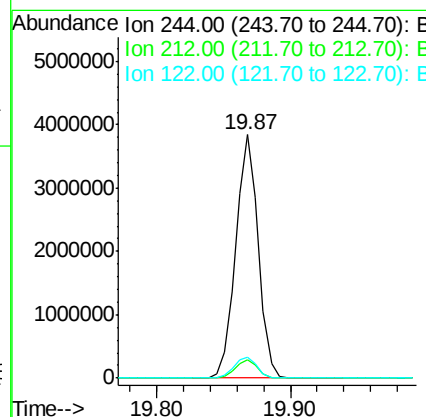
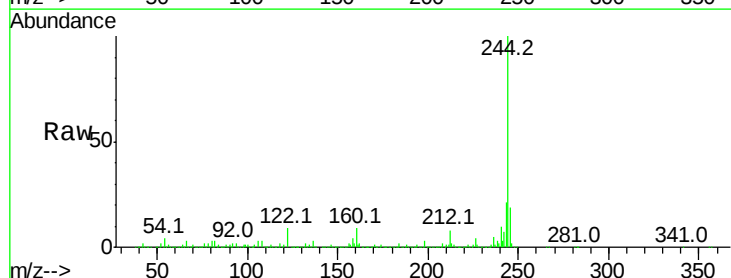
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

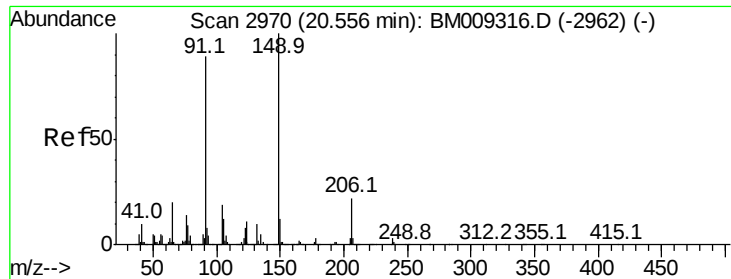
Tot Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.9	25.3
203	16.9	14.1	21.1



#78
Terphenyl-d14
Concen: 81.49 ng
RT: 19.87 min Scan# 2853
Delta R.T. 0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	4.9	7.3#
122	8.7	6.2	9.4

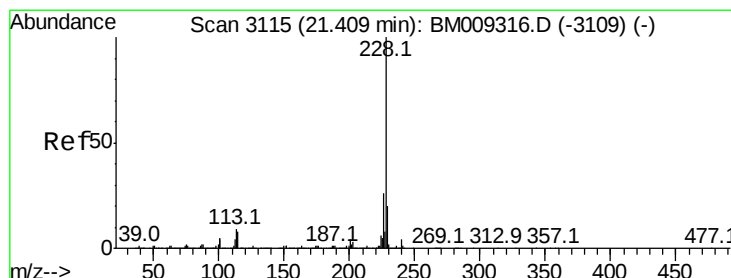
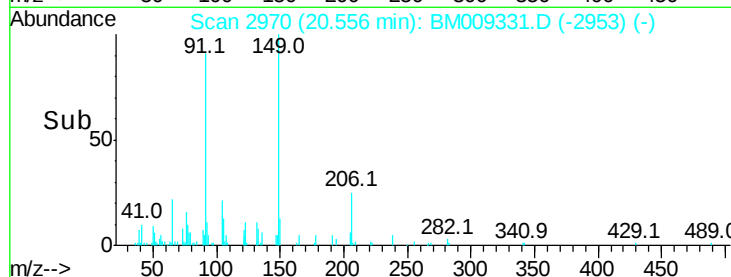
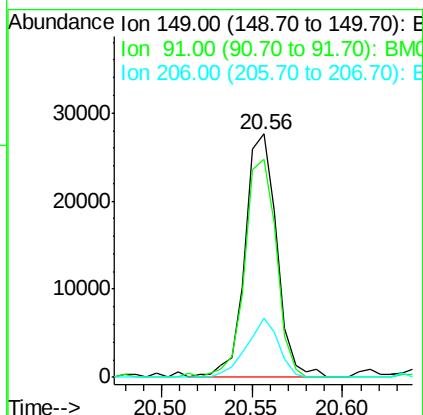
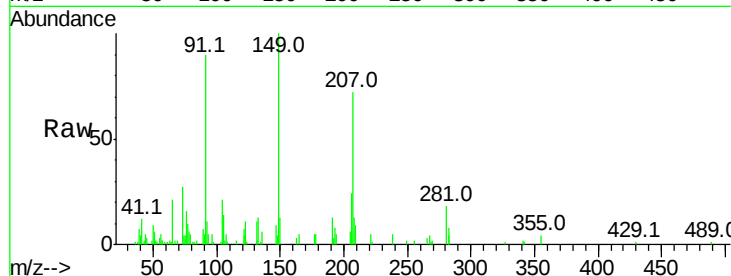




#79
Butylbenzylphthalate
Concen: 1.42 ng
RT: 20.56 min Scan# 2970
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

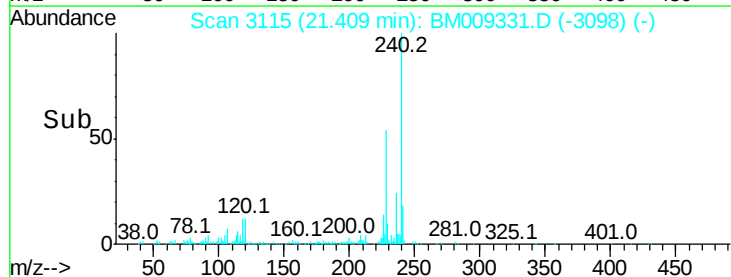
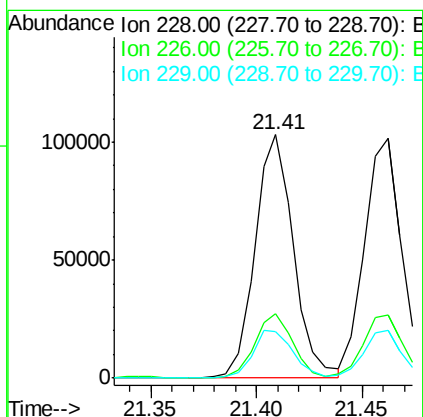
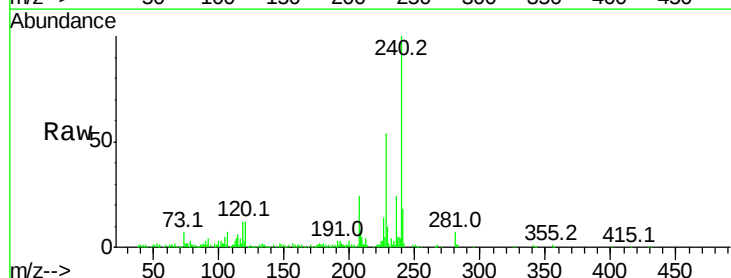
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

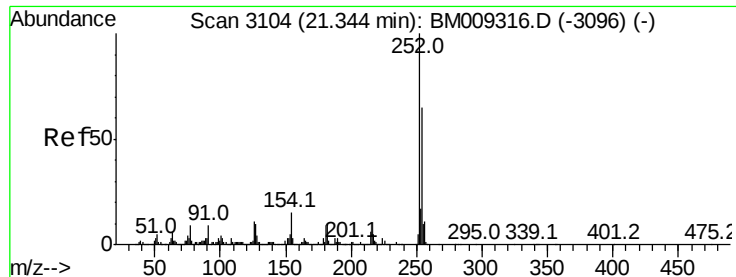
Tot Ion:149 Resp: 33704
Ion Ratio Lower Upper
149 100
91 89.7 50.1 75.1#
206 24.3 16.2 24.2#



#80
Benzo(a)anthracene
Concen: 1.93 ng
RT: 21.41 min Scan# 3115
Delta R.T. -0.00 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:228 Resp: 130556
Ion Ratio Lower Upper
228 100
226 26.6 21.7 32.5
229 19.3 16.0 24.0





#81

3,3'-Dichlorobenzidine

Concen: 1.58 ng

RT: 21.34 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

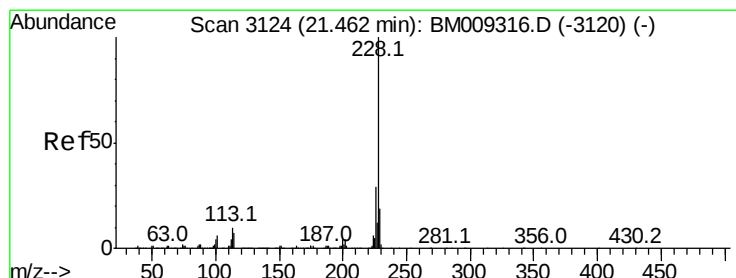
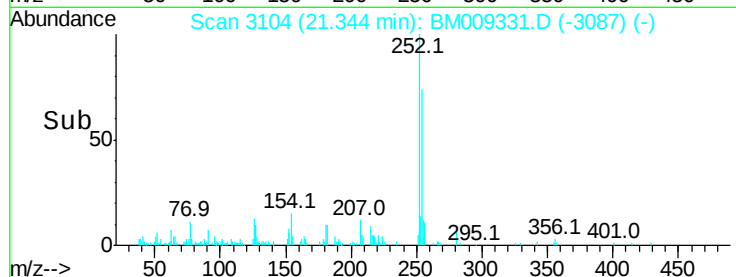
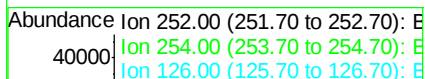
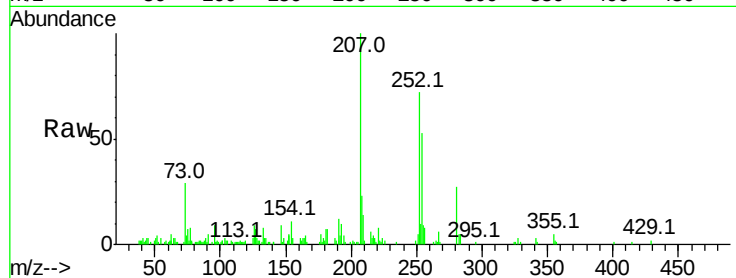
Tot Ion:252 Resp: 39936

Ion	Ratio	Lower	Upper
252	100		
254	74.2	51.9	77.9
126	13.0	9.8	14.8

252 100

254 74.2 51.9 77.9

126 13.0 9.8 14.8



#82

Chrysene

Concen: 1.94 ng

RT: 21.46 min Scan# 3124

Delta R.T. -0.00 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

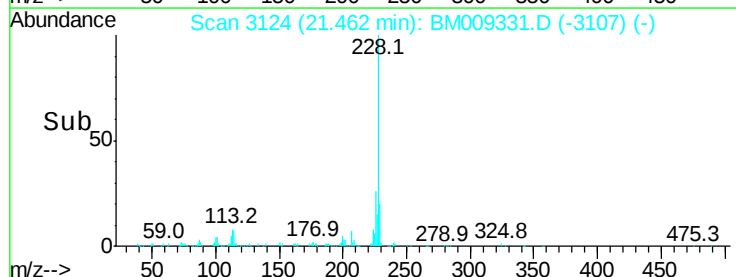
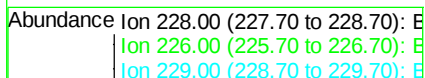
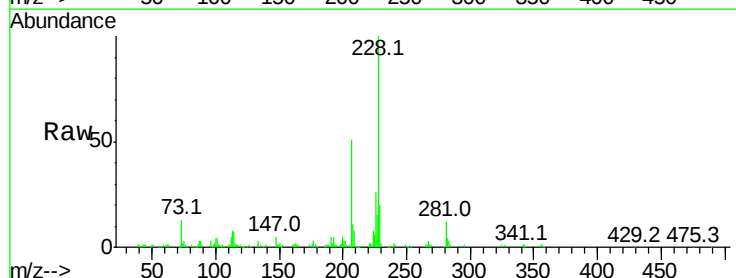
Tgt Ion:228 Resp: 125495

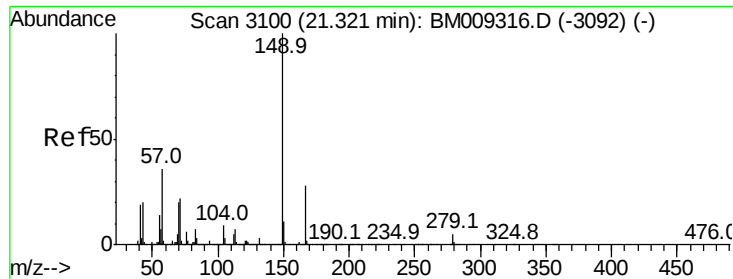
Ion	Ratio	Lower	Upper
228	100		
226	26.2	24.1	36.1
229	20.1	15.5	23.3

228 100

226 26.2 24.1 36.1

229 20.1 15.5 23.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.58 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.00 min

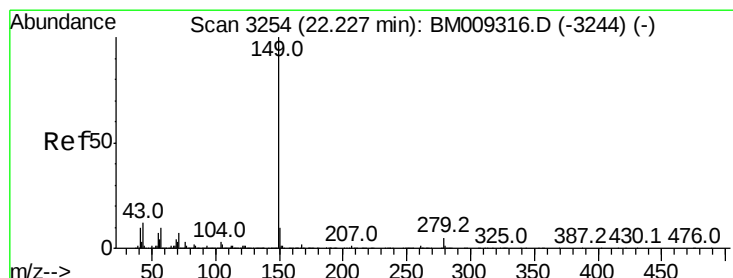
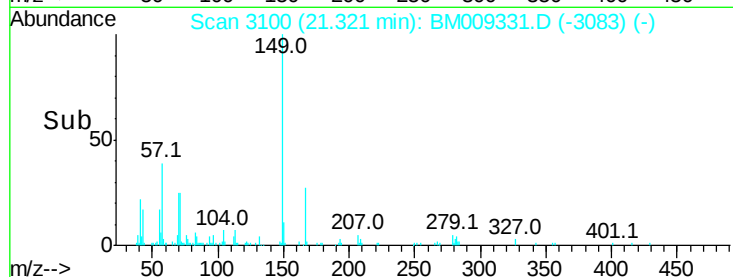
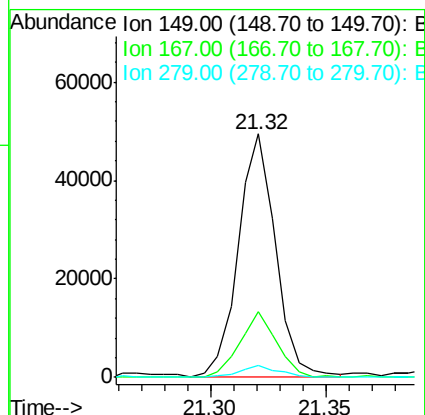
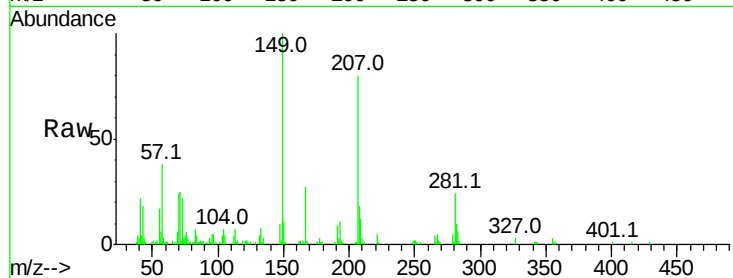
Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

Tot Ion:149 Resp: 55885

Ion	Ratio	Lower	Upper
149	100		
167	27.1	22.4	33.6
279	5.1	3.4	5.0#



#84

Di-n-octyl phthalate

Concen: 1.54 ng

RT: 22.22 min Scan# 3253

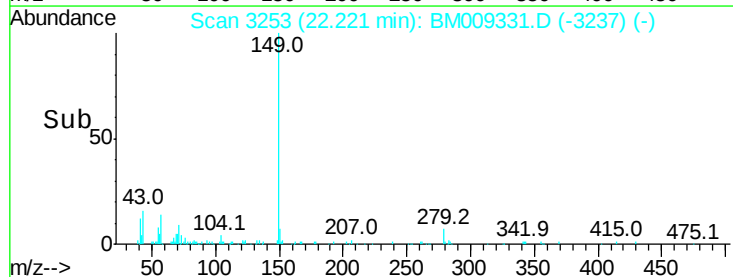
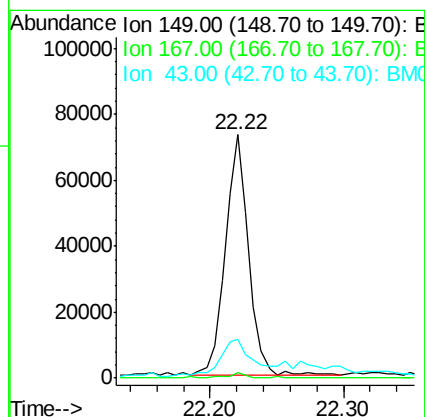
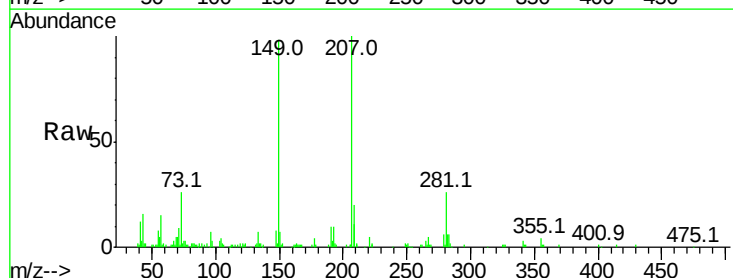
Delta R.T. -0.01 min

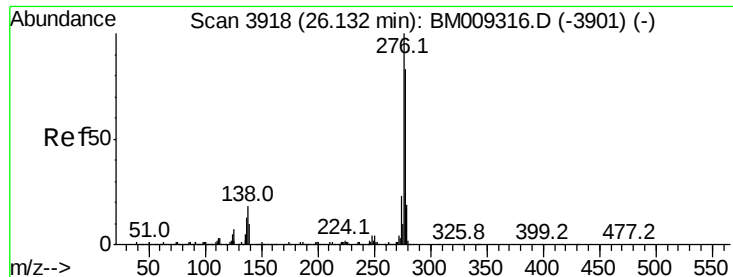
Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Tgt Ion:149 Resp: 90359

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	20.0	7.3	10.9#

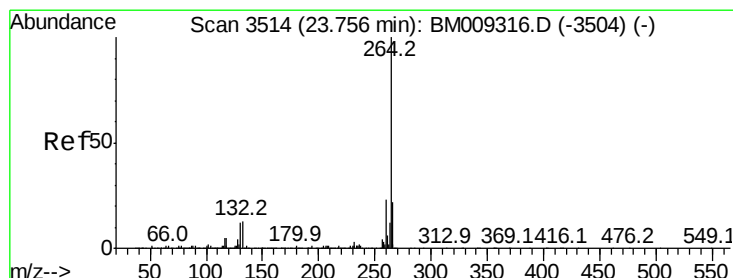
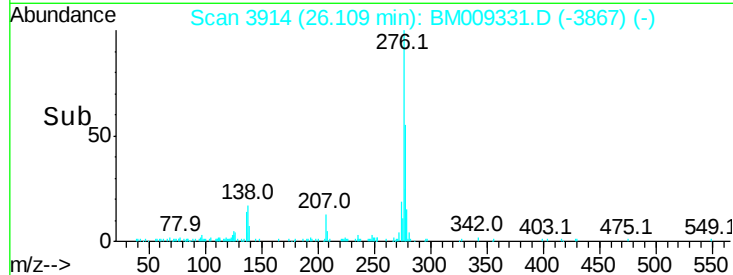
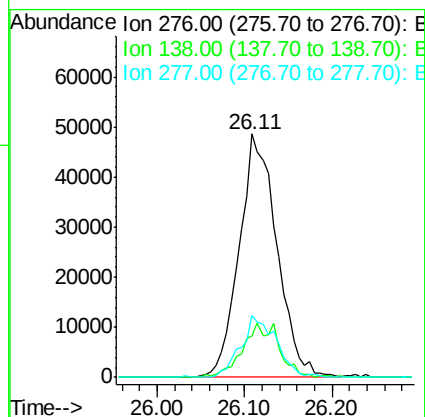
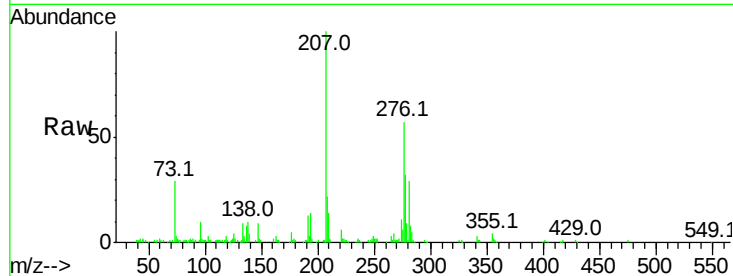




#85
Indeno(1,2,3-cd)pyrene
Concen: 2.02 ng
RT: 26.11 min Scan# 3914
Delta R.T. -0.02 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

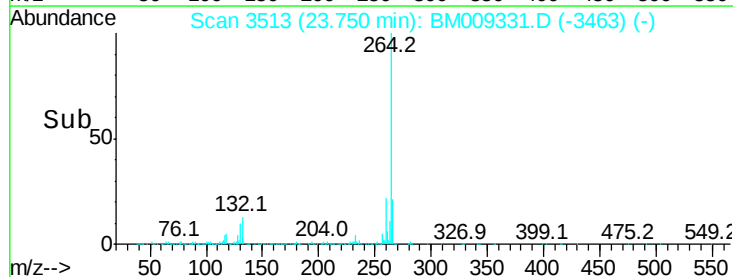
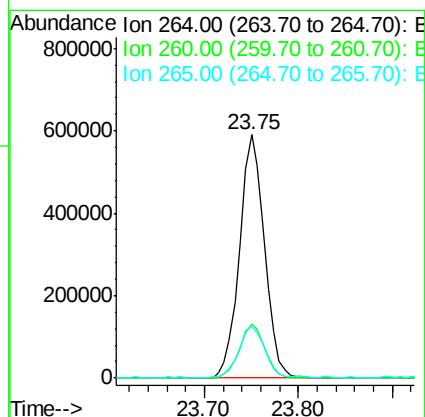
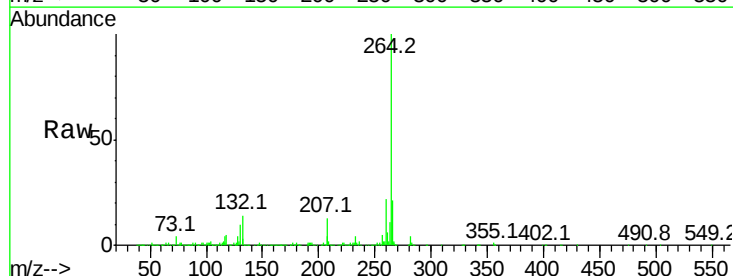
Instrument :
BNA_M
ClientSampleId :
LOD-WATER-05-QT2-2017

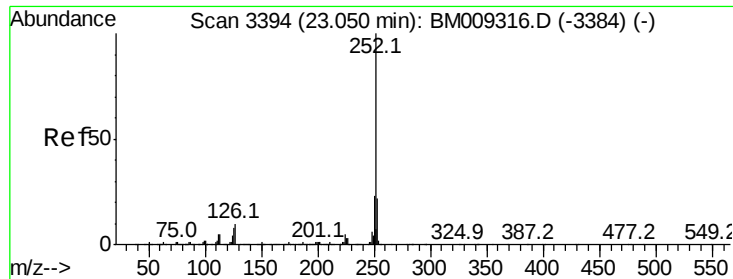
Tot Ion:276 Resp: 142051
Ion Ratio Lower Upper
276 100
138 21.4 0.0 0.0#
277 23.9 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.75 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BM009331.D
Acq: 22 Mar 2017 22:58

Tgt Ion:264 Resp: 1087551
Ion Ratio Lower Upper
264 100
260 22.0 18.6 27.8
265 21.0 17.3 25.9





#87

Benzo(b)fluoranthene

Concen: 1.97 ng

RT: 23.04 min Scan# 3393

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

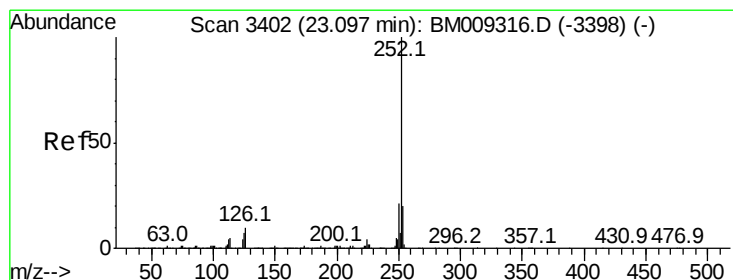
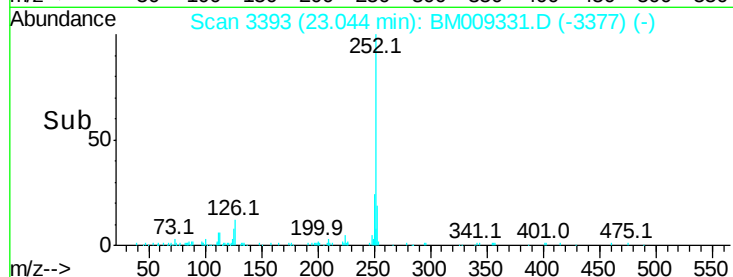
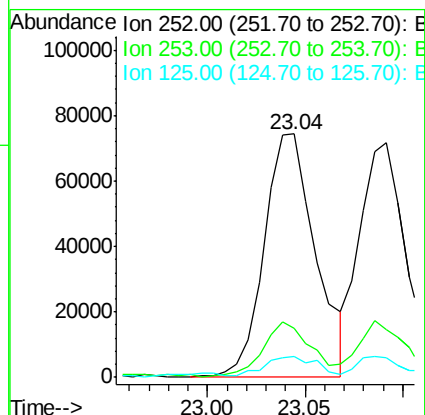
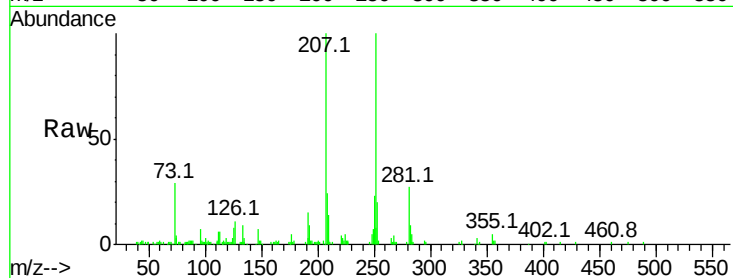
Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

Tot	Ion:252	Resp:	135752
Ion	Ratio	Lower	Upper
252	100		
253	20.2	18.0	27.0
125	8.4	9.9	14.9#



#88

Benzo(k)fluoranthene

Concen: 1.81 ng

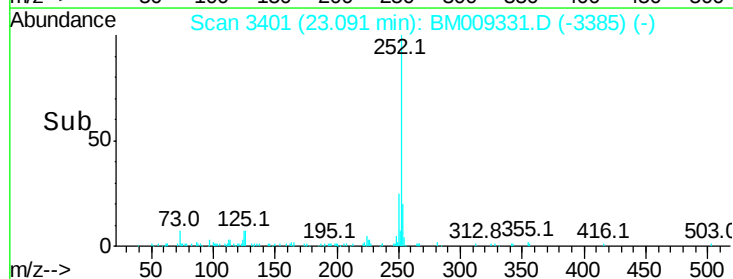
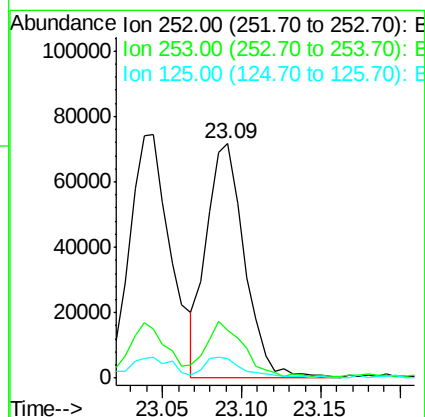
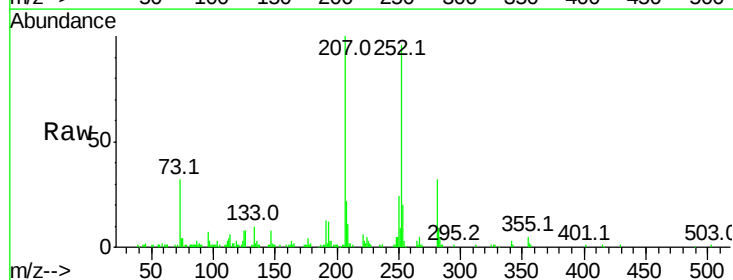
RT: 23.09 min Scan# 3401

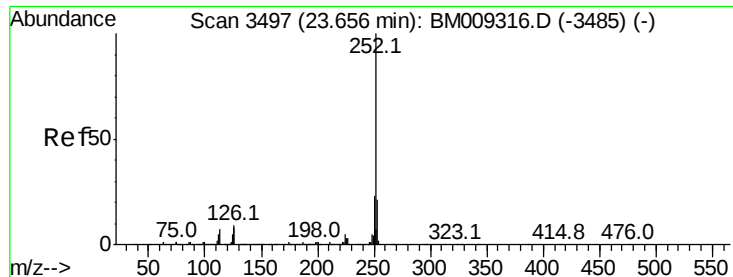
Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Tgt Ion	252	Resp: Lower	119983 Upper
252	100		
253	20.4	17.2	25.8
125	8.6	8.1	12.1





#89

Benzo(a)pyrene

Concen: 1.91 ng

RT: 23.64 min Scan# 3495

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

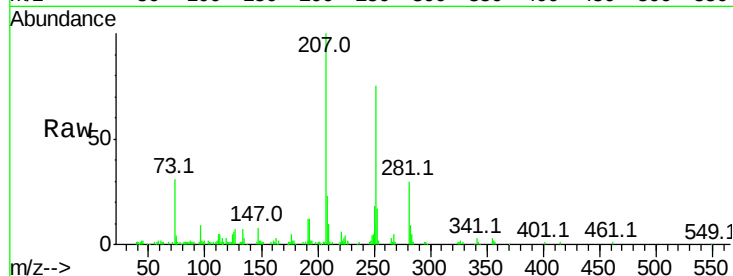
Tot Ion:252 Resp: 121801

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

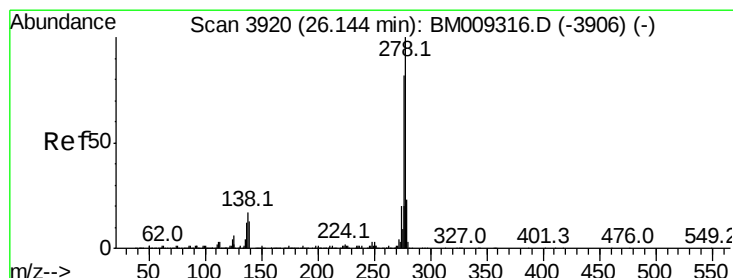
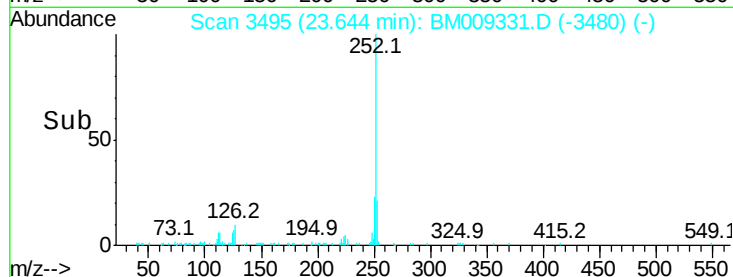
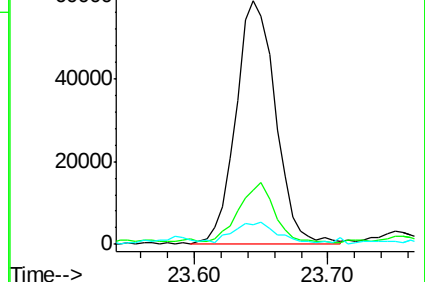
125 8.1 7.4 11.2



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



#90

Dibenzo(a,h)anthracene

Concen: 1.94 ng

RT: 26.13 min Scan# 3918

Delta R.T. -0.01 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

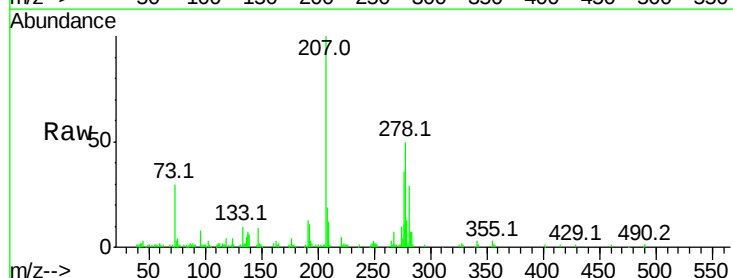
Tgt Ion:278 Resp: 121483

Ion Ratio Lower Upper

278 100

139 12.4 13.4 20.0#

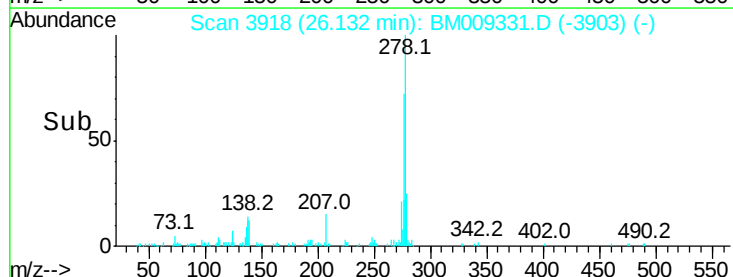
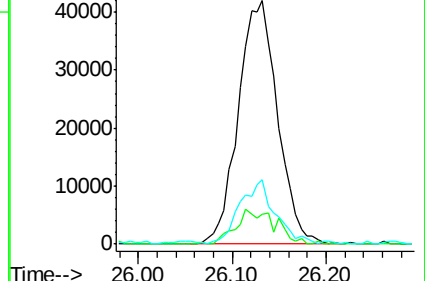
279 26.5 19.0 28.4

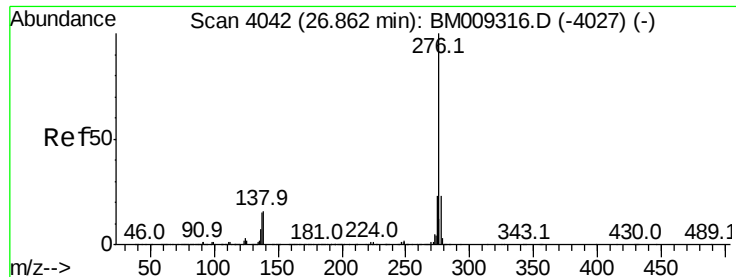


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 1.90 ng

RT: 26.84 min Scan# 4039

Delta R.T. -0.02 min

Lab File: BM009331.D

Acq: 22 Mar 2017 22:58

Instrument :

BNA_M

ClientSampleId :

LOD-WATER-05-QT2-2017

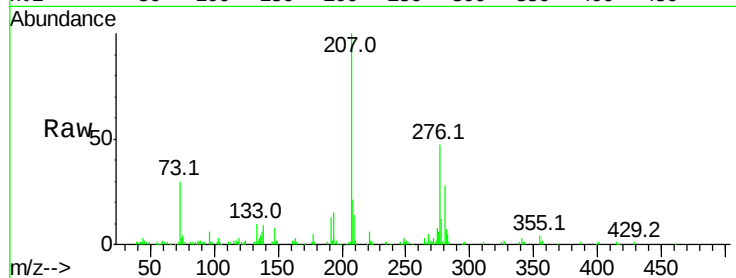
Tot Ion:276 Resp: 115746

Ion Ratio Lower Upper

276 100

277 25.2 18.5 27.7

138 19.1 19.0 28.6



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

