

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016045.D
 Acq On : 24 Jul 2018 02:58
 Operator : SJ/JU
 Sample : J3762-08
 Misc : LOQ 20 PPM
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Quant Time: Jul 24 06:10:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 23 16:08:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.23	152	41536	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	161787	20.00	ng	0.00
38) Acenaphthene-d10	14.86	164	86165	20.00	ng	0.00
63) Phenanthrene-d10	17.59	188	183891	20.00	ng	0.00
75) Chrysene-d12	21.70	240	195354	20.00	ng	0.00
86) Perylene-d12	24.07	264	200472	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.74	112	334589	133.81	ng	0.00
7) Phenol-d6	7.39	99	413360	126.58	ng	0.00
23) Nitrobenzene-d5	9.42	82	314284	90.35	ng	0.00
41) 2,4,6-Tribromophenol	16.34	330	146907	134.43	ng	0.00
44) 2-Fluorobiphenyl	13.48	172	634006	89.53	ng	0.00
78) Terphenyl-d14	20.15	244	1137273	121.86	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.52	88	20340	17.362	ng	# 100
3) Pyridine	3.96	79	45304	16.052	ng	# 68
4) n-Nitrosodimethylamine	3.88	42	43763	19.880	ng	# 39
6) Aniline	7.56	93	53022	14.102	ng	# 92
8) 2-Chlorophenol	7.79	128	56852	19.130	ng	96
9) Benzaldehyde	7.37	77	49512	21.580	ng	83
10) Phenol	7.41	94	63268	19.376	ng	99
11) bis(2-Chloroethyl)ether	7.65	93	44814	17.373	ng	85
12) 1,3-Dichlorobenzene	8.12	146	62499	17.967	ng	# 90
13) 1,4-Dichlorobenzene	8.26	146	64564	18.301	ng	95
14) 1,2-Dichlorobenzene	8.58	146	62286	18.043	ng	# 93
15) Benzyl Alcohol	8.49	79	43502	16.731	ng	# 85
16) 2,2'-oxybis(1-Chloropropan	8.76	45	70298	17.806	ng	95
17) 2-Methylphenol	8.68	107	43340	19.419	ng	# 82
18) Hexachloroethane	9.30	117	27950	18.328	ng	97
19) n-Nitroso-di-n-propylamine	9.04	70	40846	17.113	ng	# 75
20) 3+4-Methylphenols	9.01	107	55837	17.389	ng	88
22) Acetophenone	9.07	105	82230	20.185	ng	# 84
24) Nitrobenzene	9.46	77	69930	19.972	ng	# 91
25) Isophorone	9.97	82	102911	21.629	ng	# 92
26) 2-Nitrophenol	10.17	139	25769	17.631	ng	# 47
27) 2,4-Dimethylphenol	10.22	122	47017	23.089	ng	# 87
28) bis(2-Chloroethoxy)methane	10.45	93	62022	20.056	ng	97
29) 2,4-Dichlorophenol	10.70	162	48862	20.193	ng	95
30) 1,2,4-Trichlorobenzene	10.91	180	54778	18.632	ng	95
31) Naphthalene	11.10	128	169099	20.652	ng	99
32) Benzoic acid	10.35	122	22446	14.460	ng	# 87
33) 4-Chloroaniline	11.23	127	44615	13.352	ng	# 87
34) Hexachlorobutadiene	11.36	225	38683	18.968	ng	93
35) Caprolactam	12.01	113	11305	16.868	ng	91
36) 4-Chloro-3-methylphenol	12.33	107	51190	19.234	ng	# 85
37) 2-Methylnaphthalene	12.69	142	119937	21.866	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	57514	19.606	ng	# 100
40) Hexachlorocyclopentadiene	13.02	237	24617	23.129	ng	96

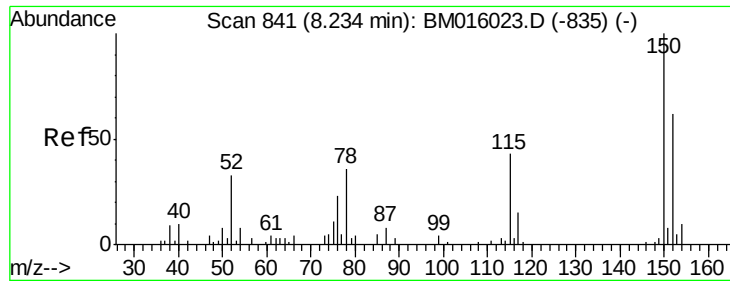
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM072318\
 Data File : BM016045.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.30	196	35073	19.110	ng	93
43) 2,4,5-Trichlorophenol	13.38	196	35547	18.777	ng #	82
45) 1,1'-Biphenyl	13.69	154	150421	19.344	ng	99
46) 2-Chloronaphthalene	13.74	162	116653	19.287	ng #	89
47) 2-Nitroaniline	13.96	65	35186	17.597	ng #	73
48) Acenaphthylene	14.58	152	187310	21.155	ng	98
49) Dimethylphthalate	14.30	163	149441	19.818	ng	98
50) 2,6-Dinitrotoluene	14.44	165	29307	19.316	ng #	57
51) Acenaphthene	14.92	154	107788	19.794	ng	98
52) 3-Nitroaniline	14.79	138	22909	13.979	ng #	80
53) 2,4-Dinitrophenol	15.01	184	9244	19.222	ng #	84
54) Dibenzofuran	15.25	168	175268	19.532	ng #	79
55) 4-Nitrophenol	15.09	139	18970	16.148	ng	87
56) 2,4-Dinitrotoluene	15.23	165	39881	18.383	ng #	86
57) Fluorene	15.90	166	137613	20.637	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.48	232	33696	20.708	ng #	100
59) Diethylphthalate	15.65	149	156317	19.232	ng	95
60) 4-Chlorophenyl-phenylether	15.88	204	67493	18.182	ng #	81
61) 4-Nitroaniline	15.94	138	24618	15.657	ng #	14
62) Azobenzene	16.17	77	173159	20.229	ng	77
64) 4,6-Dinitro-2-methylphenol	16.00	198	17940	16.073	ng	83
65) n-Nitrosodiphenylamine	16.10	169	116684	19.270	ng	96
66) 4-Bromophenyl-phenylether	16.77	248	40336	19.371	ng #	69
67) Hexachlorobenzene	16.89	284	42547	18.554	ng #	70
68) Atrazine	17.03	200	41152	18.962	ng	98
69) Pentachlorophenol	17.24	266	18606	13.103	ng	97
70) Phenanthrene	17.63	178	209949	20.393	ng	98
71) Anthracene	17.72	178	209284	20.916	ng	97
72) Carbazole	17.99	167	187409	18.079	ng #	95
73) Di-n-butylphthalate	18.51	149	238465	18.462	ng #	98
74) Fluoranthene	19.61	202	229493	19.983	ng	99
76) Benzidine	19.79	184	72960	13.365	ng	98
77) Pyrene	19.97	202	239725	20.477	ng	99
79) Butylbenzylphthalate	20.82	149	110937	18.654	ng #	76
80) Benzo(a)anthracene	21.69	228	247577	20.577	ng	99
81) 3,3'-Dichlorobenzidine	21.61	252	53332	11.005	ng	99
82) Chrysene	21.74	228	234820	20.345	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	156785	18.191	ng	92
84) Di-n-octyl phthalate	22.48	149	272959	18.843	ng #	88
85) Indeno(1,2,3-cd)pyrene	26.50	276	287265	20.974	ng #	94
87) Benzo(b)fluoranthene	23.35	252	251234	21.285	ng #	96
88) Benzo(k)fluoranthene	23.40	252	239281	20.003	ng	97
89) Benzo(a)pyrene	23.97	252	239844	21.137	ng	98
90) Dibenzo(a,h)anthracene	26.50	278	243513	20.713	ng	97
91) Benzo(g,h,i)perylene	27.25	276	230796	20.757	ng #	95

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

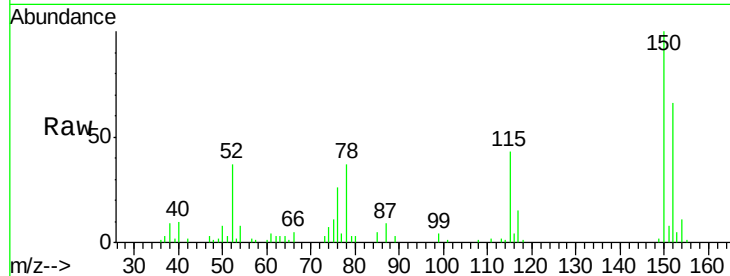


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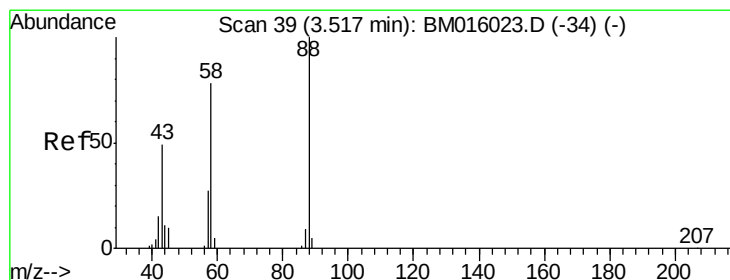
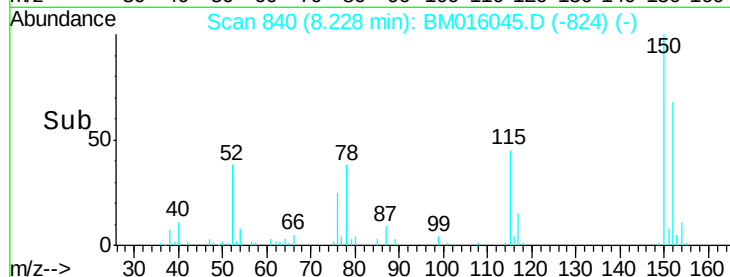
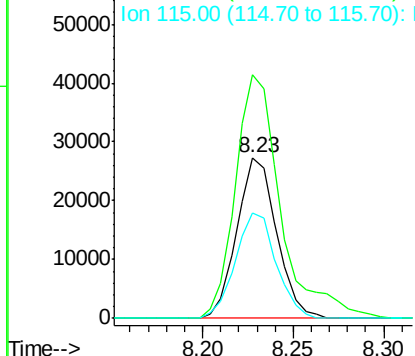
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.23 min Scan# 840
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:152 Resp: 41536
Ion Ratio Lower Upper
152 100
150 151.2 119.5 179.3
115 65.7 43.0 64.4#



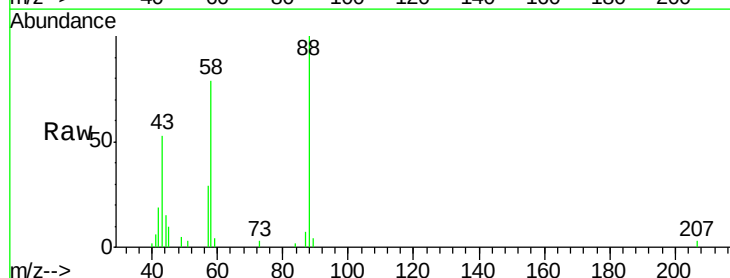
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



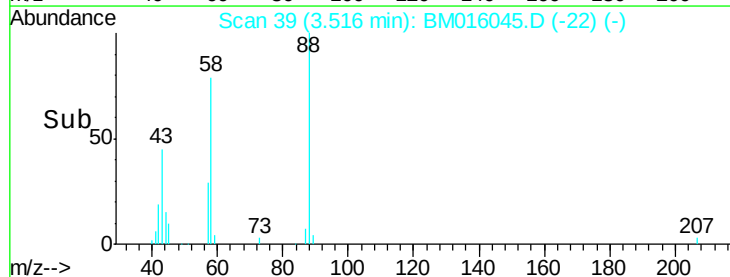
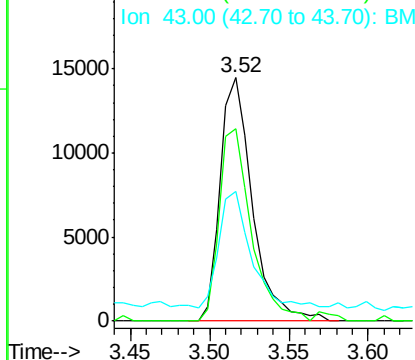
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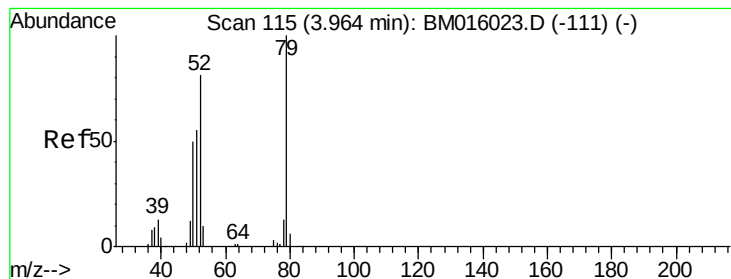
1,4-Dioxane
Concen: 17.362 ng
RT: 3.52 min Scan# 39
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion: 88 Resp: 20340
Ion Ratio Lower Upper
88 100
58 78.8 0.0 0.0#
43 46.6 0.0 0.0#



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pyridine

Concen: 16.052 ng

RT: 3.96 min Scan# 115

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

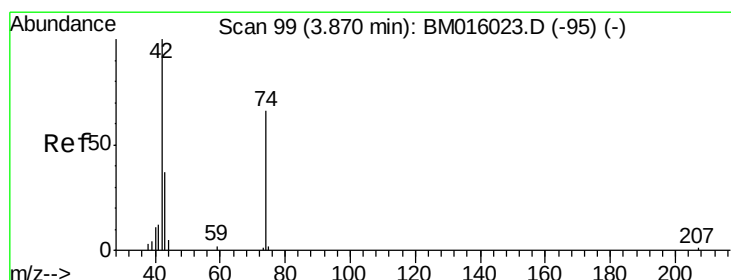
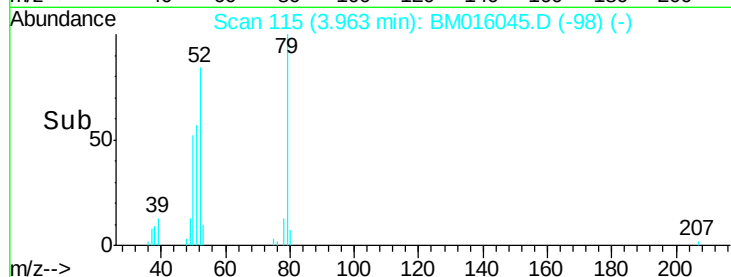
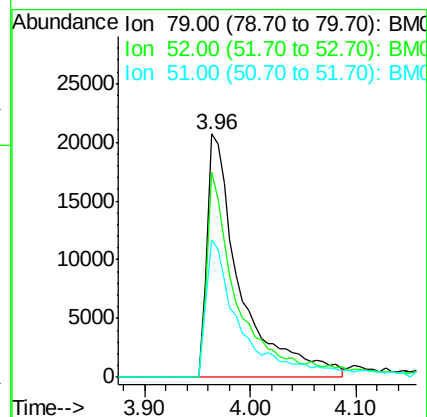
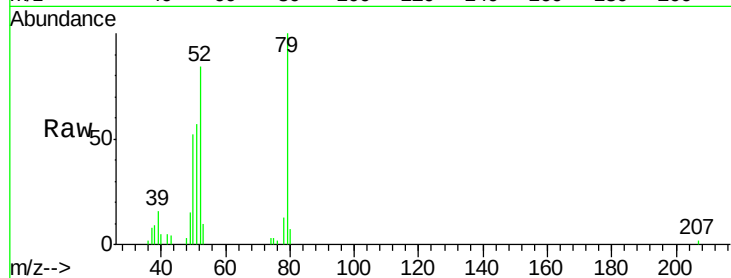
Tgt Ion: 79 Resp: 45304

Ion Ratio Lower Upper

79 100

52 84.4 51.1 76.7#

51 56.6 26.1 39.1#



#4

n-Nitrosodimethylamine

Concen: 19.880 ng

RT: 3.88 min Scan# 100

Delta R.T. 0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

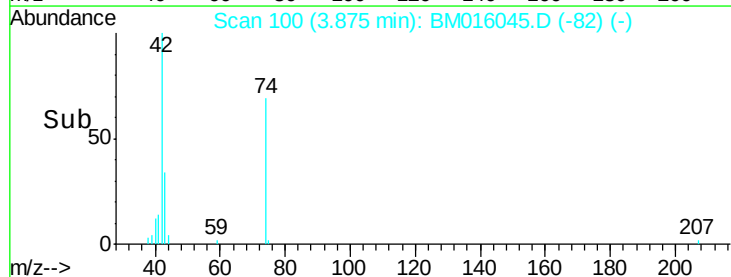
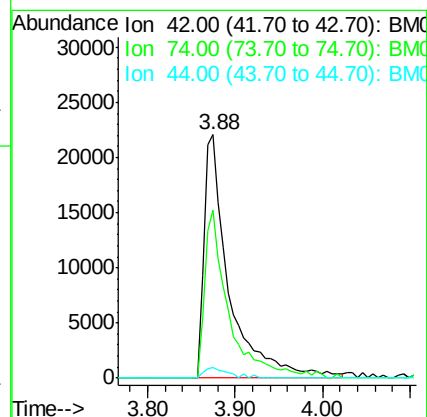
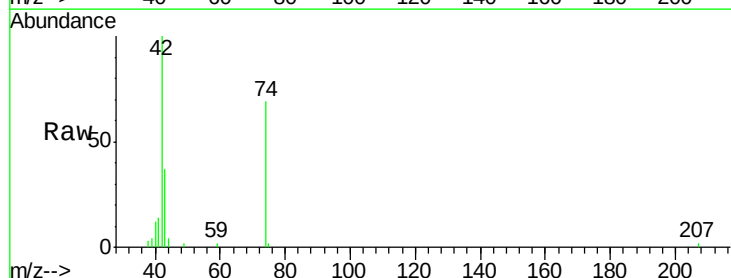
Tgt Ion: 42 Resp: 43763

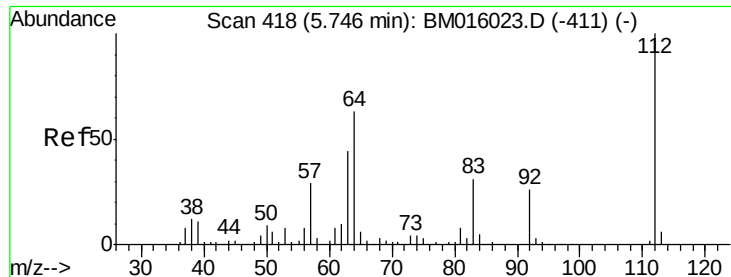
Ion Ratio Lower Upper

42 100

74 69.0 119.3 178.9#

44 4.1 5.4 8.2#





#5

2-Fluorophenol

Concen: 19.880 ng

RT: 5.74 min Scan# 417

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

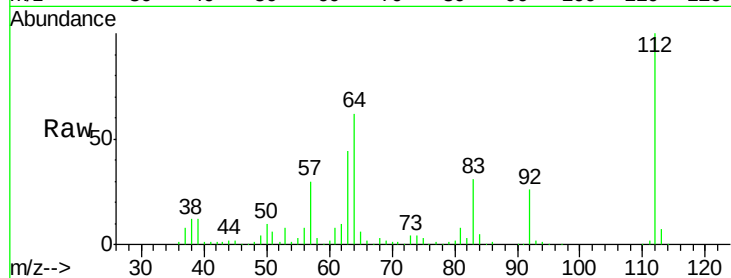
Tgt Ion: 112 Resp: 334589

Ion Ratio Lower Upper

112 100

64 62.4 38.6 57.8#

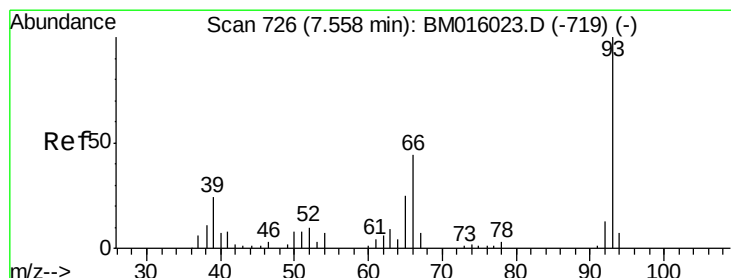
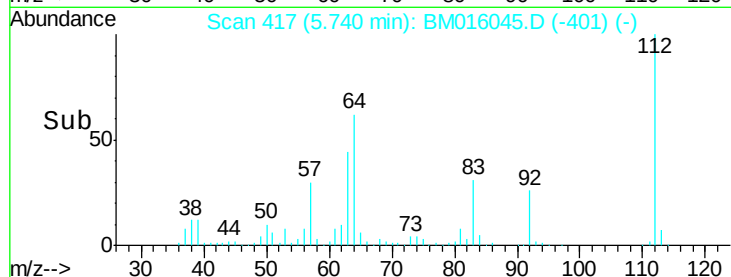
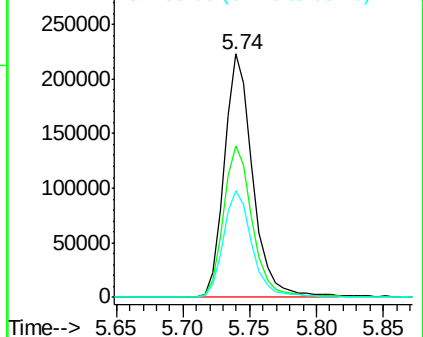
63 44.0 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 14.102 ng

RT: 7.56 min Scan# 726

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

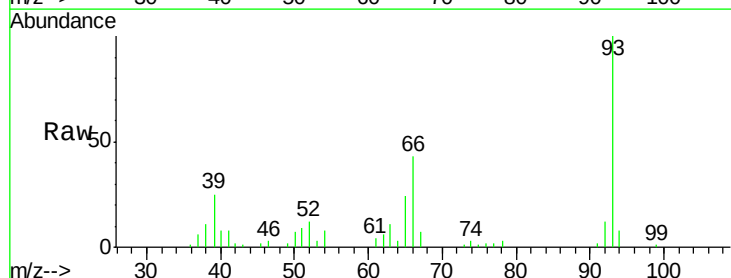
Tgt Ion: 93 Resp: 53022

Ion Ratio Lower Upper

93 100

66 43.5 30.8 46.2

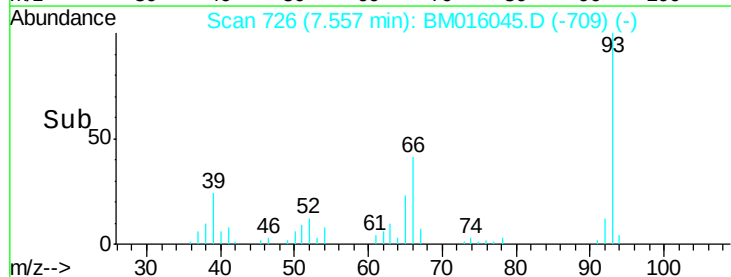
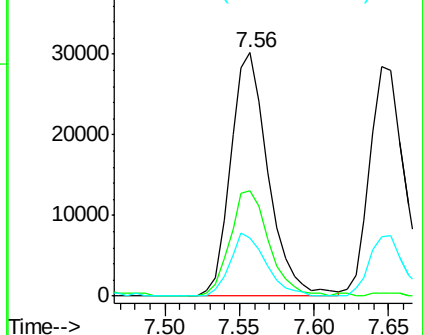
65 24.1 16.0 24.0#

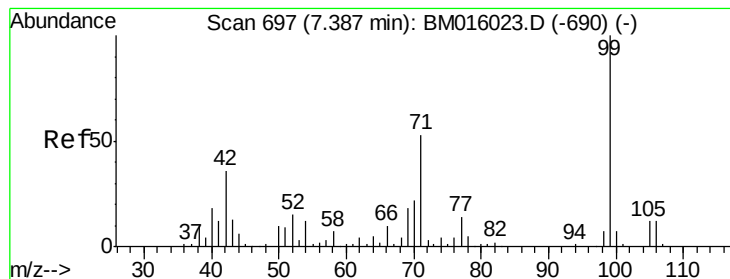


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 14.102 ng

RT: 7.39 min Scan# 697

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

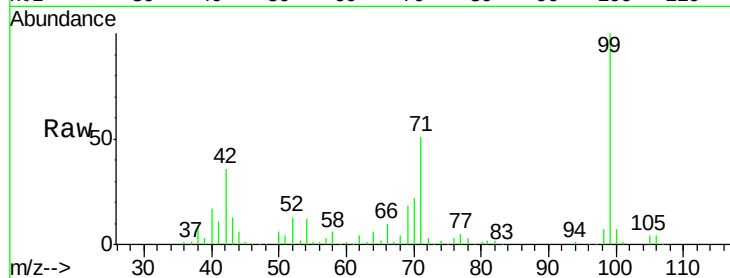
Tgt Ion: 99 Resp: 413360

Ion Ratio Lower Upper

99 100

42 35.9 11.0 16.4#

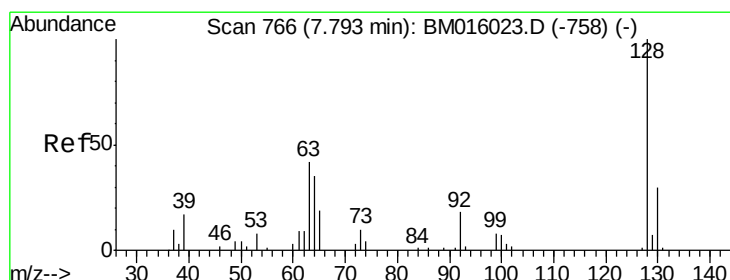
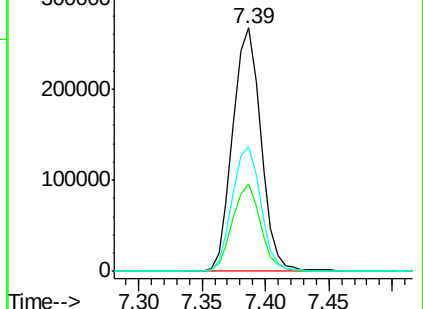
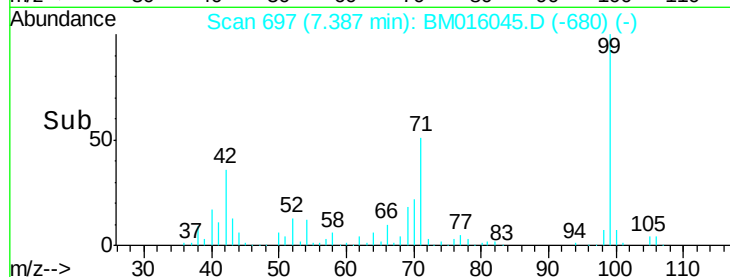
71 51.0 23.4 35.2#



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

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

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



#8

2-Chlorophenol

Concen: 19.130 ng

RT: 7.79 min Scan# 765

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

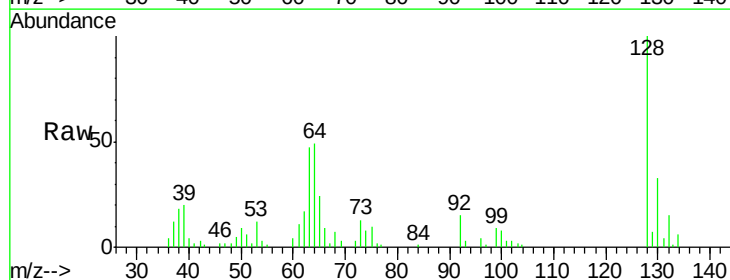
Tgt Ion: 128 Resp: 56852

Ion Ratio Lower Upper

128 100

130 32.6 12.0 52.0

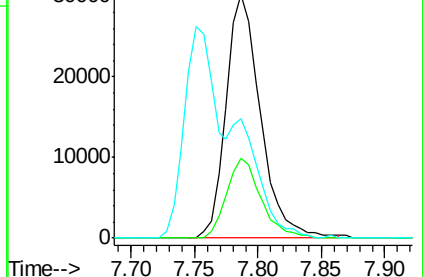
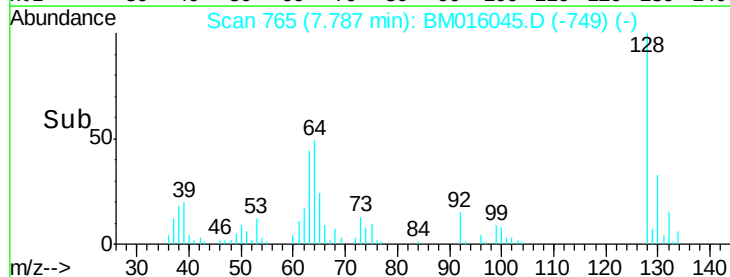
64 48.9 24.9 64.9

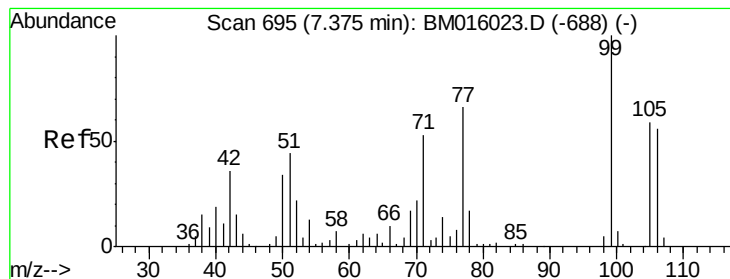


Abundance Ion 128.00 (127.70 to 128.70): BM016023.D (-758) (-)

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

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





#9

Benzaldehyde

Concen: 21.580 ng

RT: 7.37 min Scan# 695

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

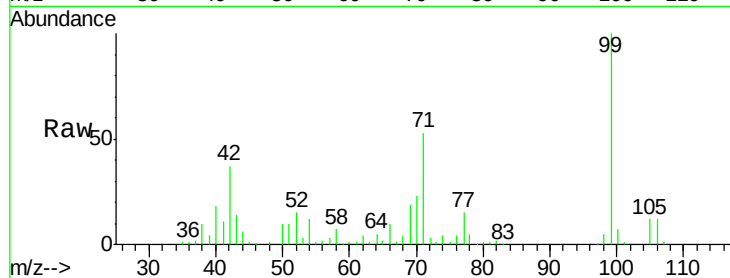
Tgt Ion: 77 Resp: 49512

Ion Ratio Lower Upper

77 100

105 82.2 78.8 118.8

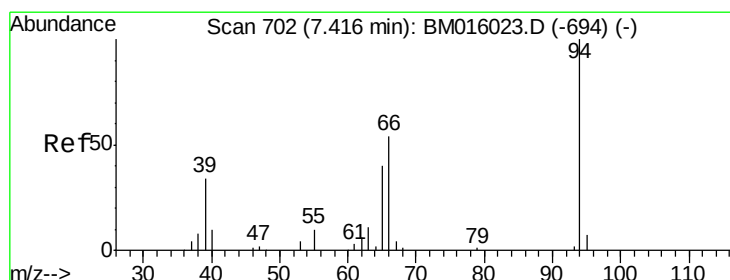
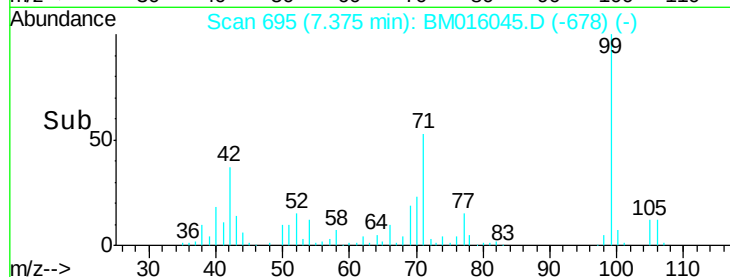
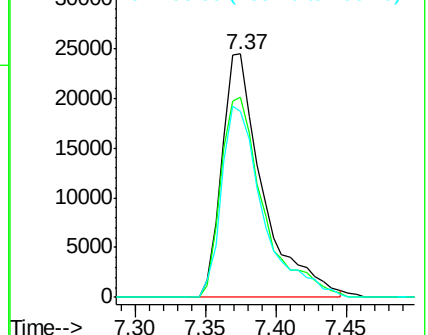
106 76.6 73.7 113.7



Abundance Ion 77.00 (76.70 to 77.70): BM016045.D (-678) (-)

Ion 105.00 (104.70 to 105.70): BM016045.D (-678) (-)

Ion 106.00 (105.70 to 106.70): BM016045.D (-678) (-)



#10

Phenol

Concen: 19.376 ng

RT: 7.41 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

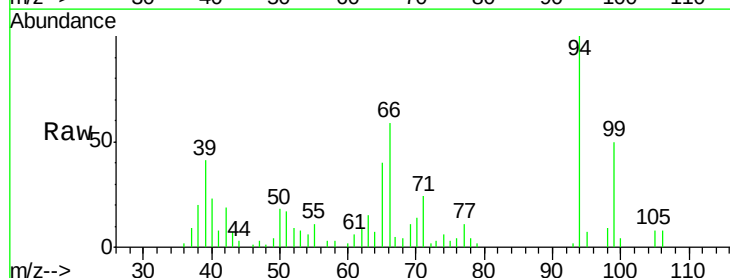
Tgt Ion: 94 Resp: 63268

Ion Ratio Lower Upper

94 100

65 39.9 18.8 58.8

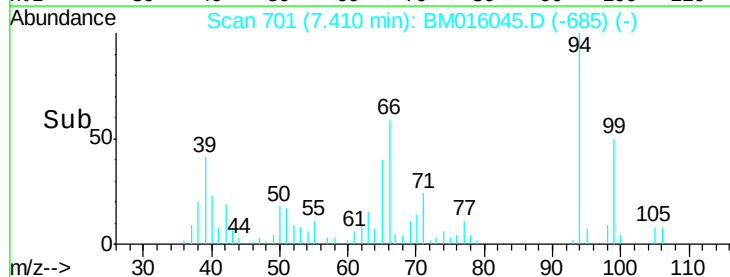
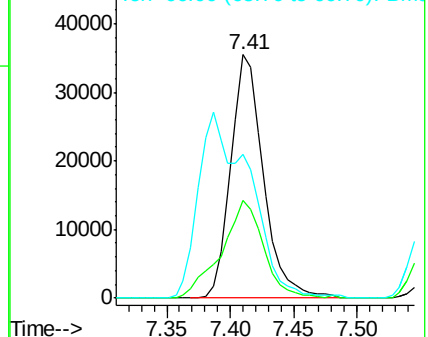
66 59.0 39.9 79.9

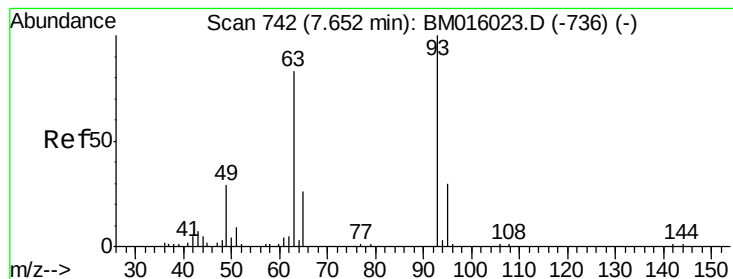


Abundance Ion 94.00 (93.70 to 94.70): BM016045.D (-685) (-)

Ion 65.00 (64.70 to 65.70): BM016045.D (-685) (-)

Ion 66.00 (65.70 to 66.70): BM016045.D (-685) (-)





#11

bis(2-Chloroethyl)ether

Concen: 17.373 ng

RT: 7.65 min Scan# 741

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

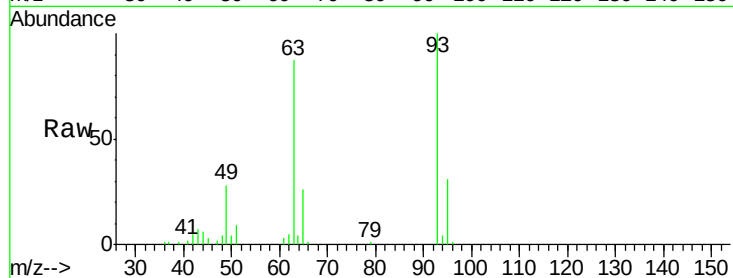
Tgt Ion: 93 Resp: 44814

Ion Ratio Lower Upper

93 100

63 86.8 49.5 89.5

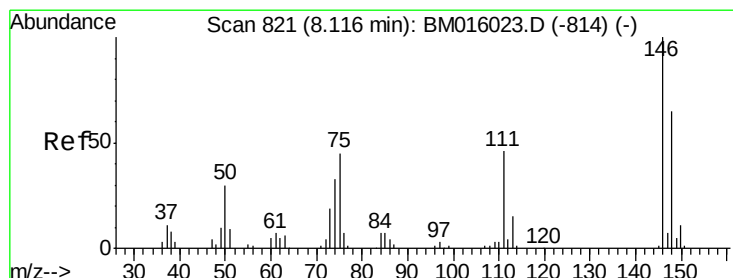
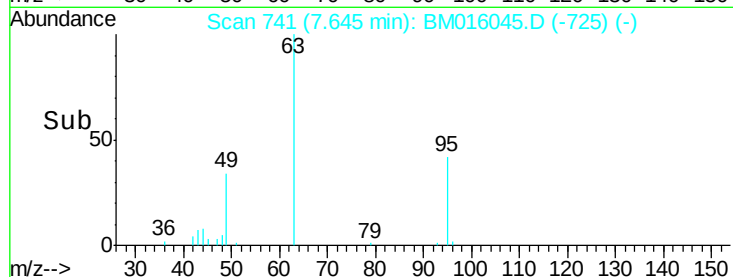
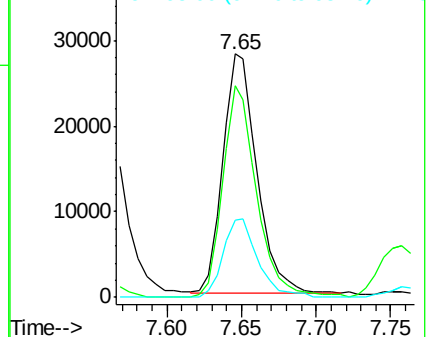
95 31.5 13.5 53.5



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

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

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



#12

1,3-Dichlorobenzene

Concen: 17.967 ng

RT: 8.12 min Scan# 821

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

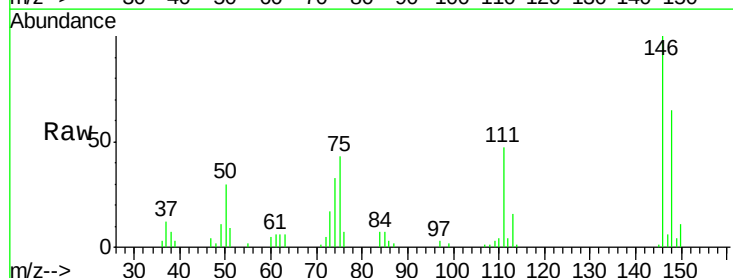
Tgt Ion: 146 Resp: 62499

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

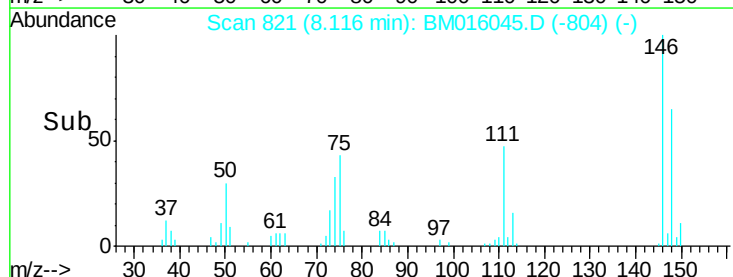
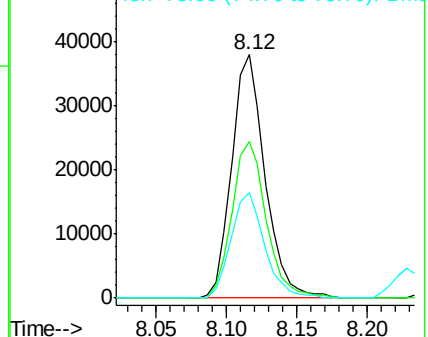
75 43.4 21.4 32.2#

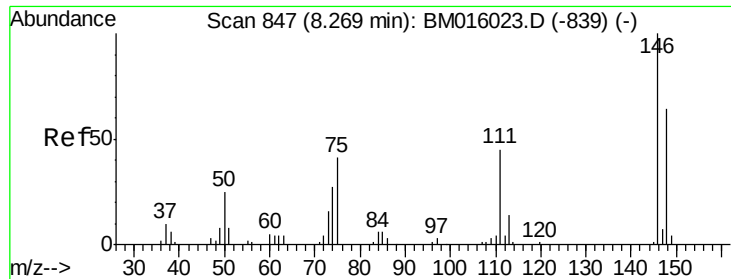


Abundance Ion 146.00 (145.70 to 146.70): BM016023.D (-814) (-)

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

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

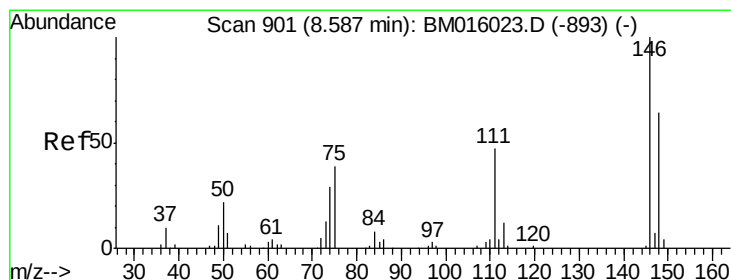
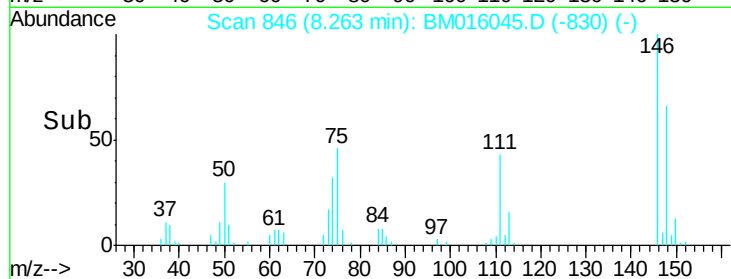
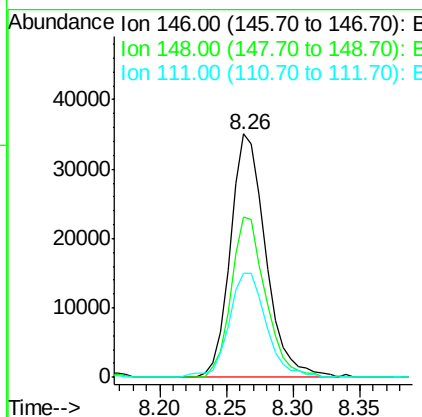
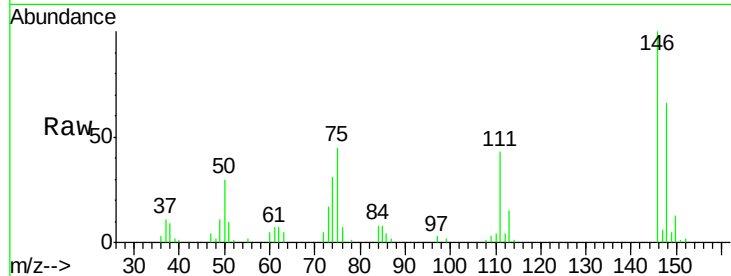




#13
 1,4-Dichlorobenzene
 Concen: 18.301 ng
 RT: 8.26 min Scan# 846
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

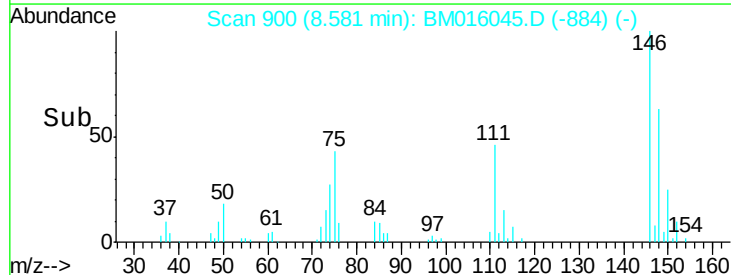
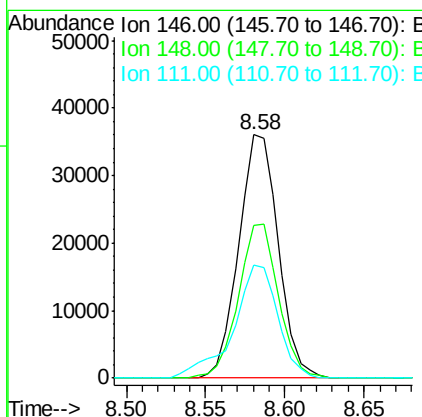
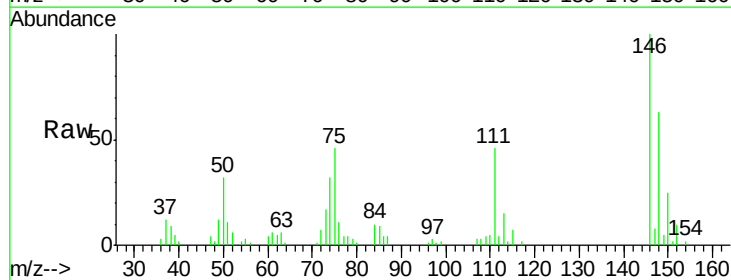
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

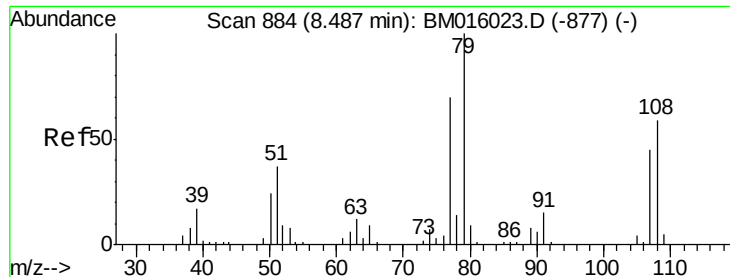
Tgt Ion:146 Resp: 64564
 Ion Ratio Lower Upper
 146 100
 148 66.1 51.9 77.9
 111 43.0 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 18.043 ng
 RT: 8.58 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:146 Resp: 62286
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.3 78.5
 111 46.3 30.6 45.8#

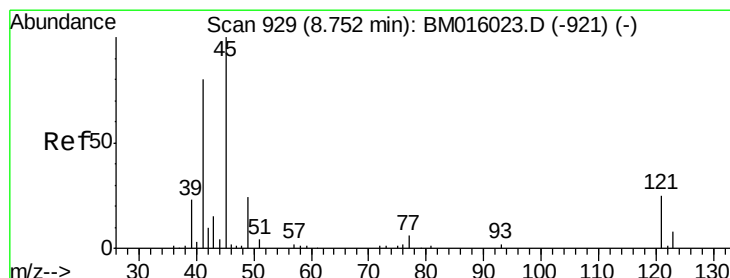
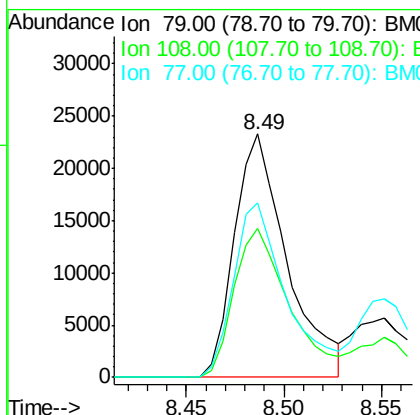
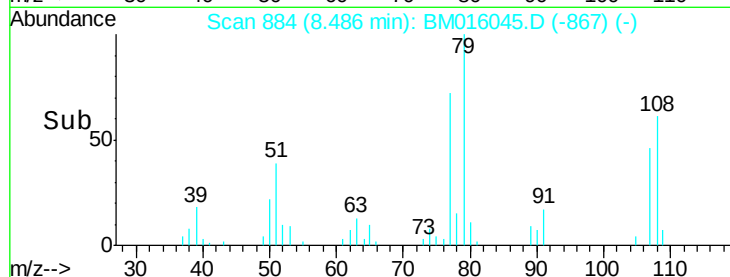
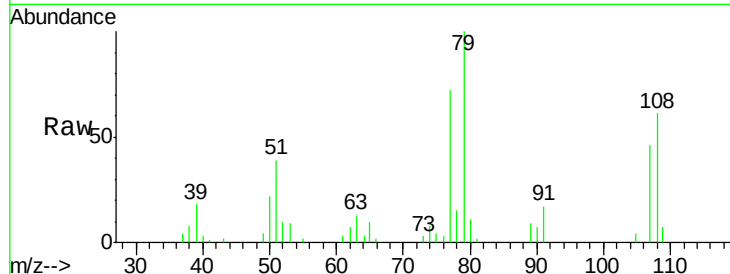




#15
Benzyl Alcohol
Concen: 16.731 ng
RT: 8.49 min Scan# 884
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

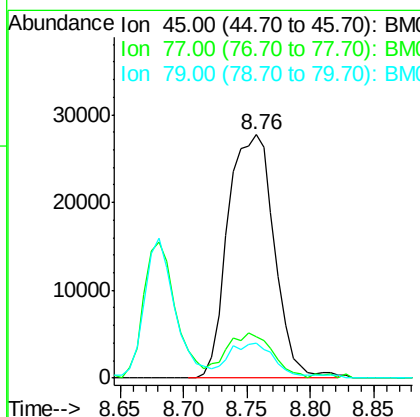
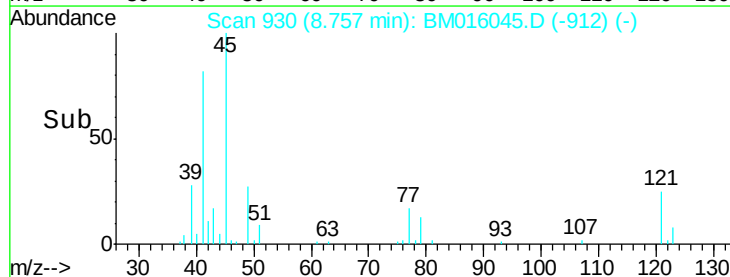
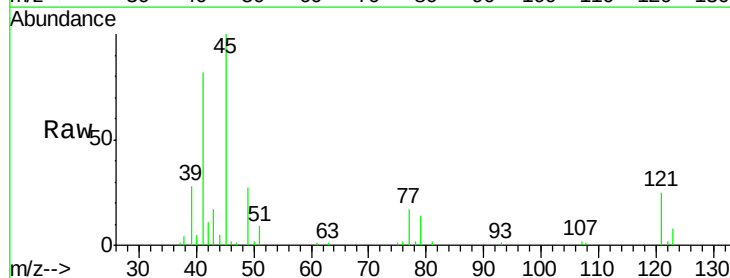
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

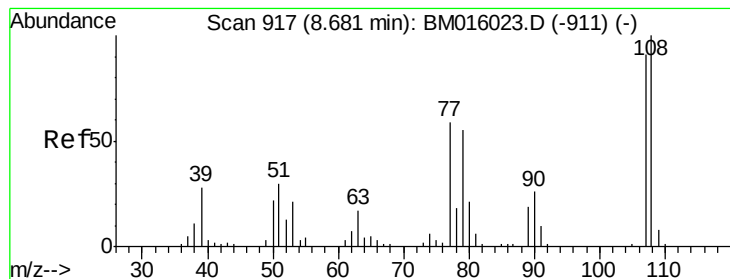
Tgt Ion: 79 Resp: 43502
Ion Ratio Lower Upper
79 100
108 61.3 65.0 97.4#
77 71.7 53.0 79.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 17.806 ng
RT: 8.76 min Scan# 930
Delta R.T. 0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion: 45 Resp: 70298
Ion Ratio Lower Upper
45 100
77 17.1 0.0 35.2
79 14.4 0.0 32.0





#17

2-Methylphenol

Concen: 19.419 ng

RT: 8.68 min Scan# 917

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tgt Ion:107 Resp: 43340

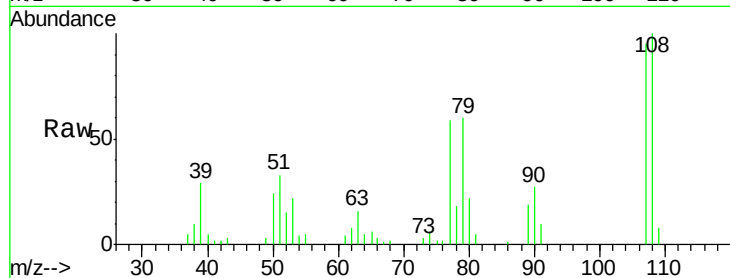
Ion Ratio Lower Upper

107 100

108 105.2 89.8 134.8

77 61.7 32.6 48.8#

79 63.4 32.8 49.2#



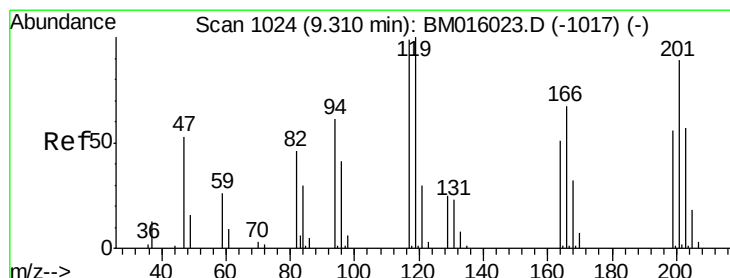
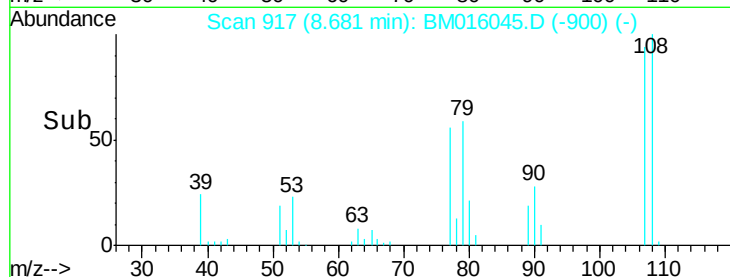
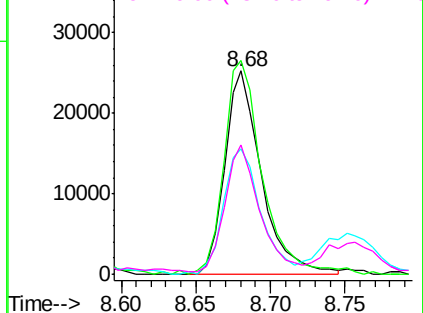
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 18.328 ng

RT: 9.30 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

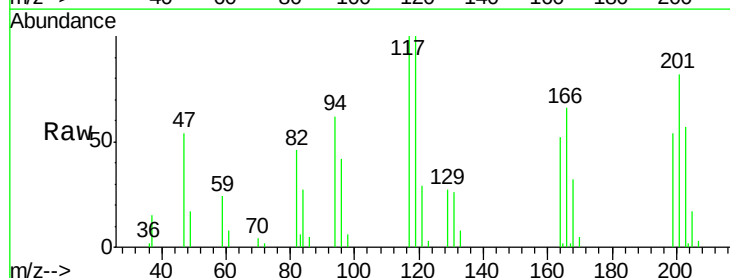
Tgt Ion:117 Resp: 27950

Ion Ratio Lower Upper

117 100

119 99.8 79.2 118.8

201 81.8 69.8 104.6

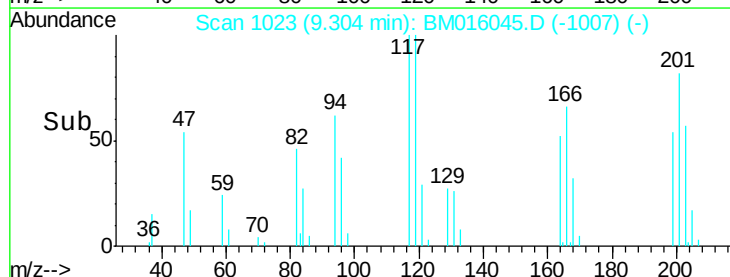
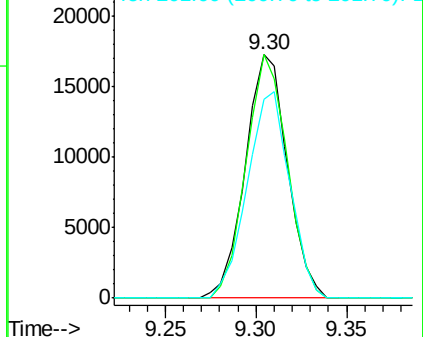


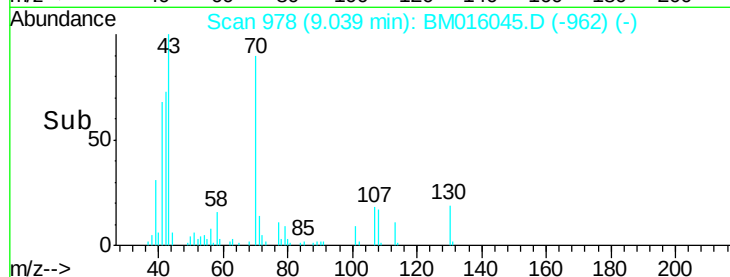
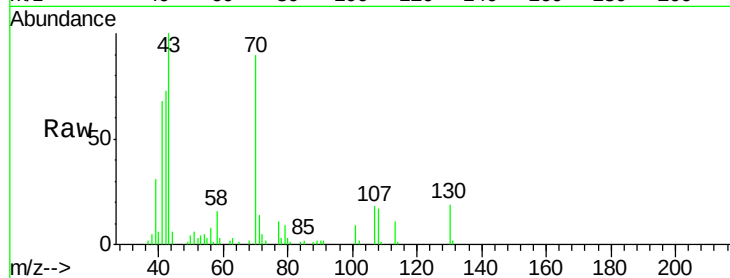
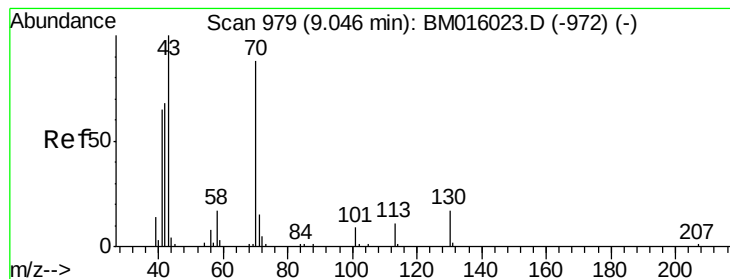
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 17.113 ng

RT: 9.04 min Scan# 978

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tgt Ion: 70 Resp: 40846

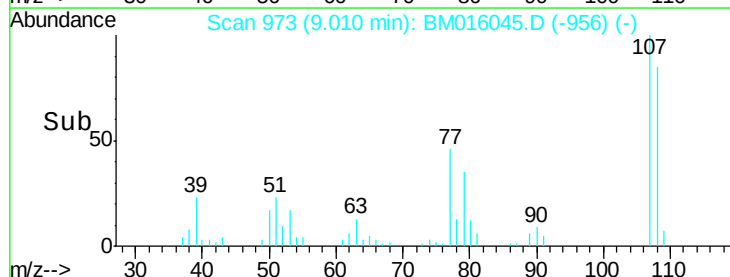
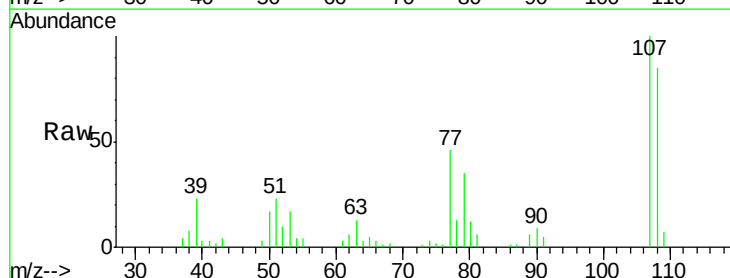
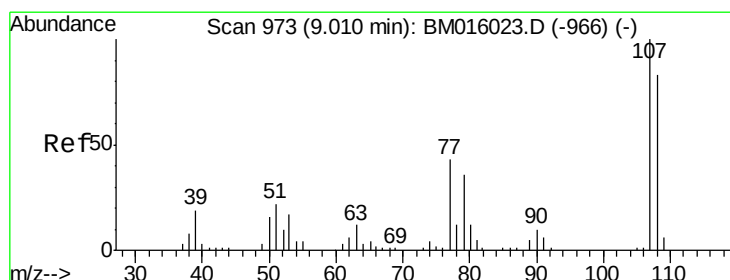
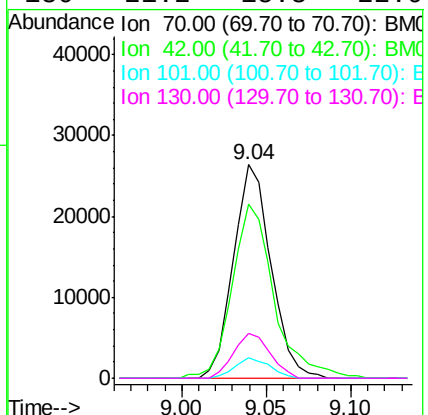
Ion Ratio Lower Upper

70 100

42 81.3 44.5 66.7#

101 9.5 7.4 11.2

130 21.2 15.3 22.9



#20

3+4-Methylphenols

Concen: 17.389 ng

RT: 9.01 min Scan# 973

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Tgt Ion: 107 Resp: 55837

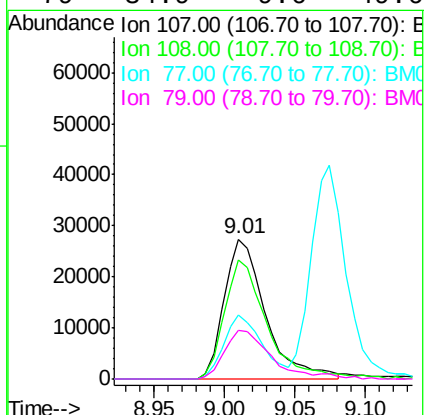
Ion Ratio Lower Upper

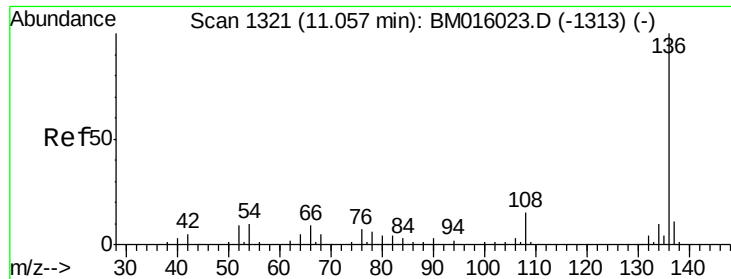
107 100

108 85.5 73.2 113.2

77 45.7 10.7 50.7

79 34.9 9.6 49.6

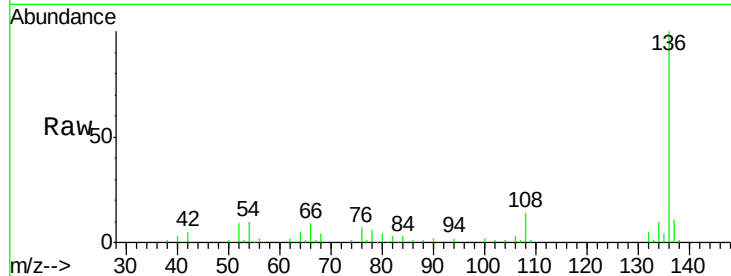




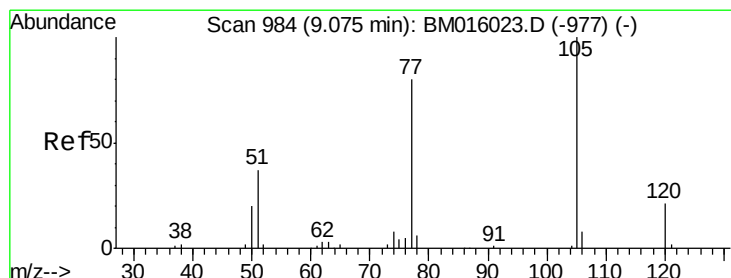
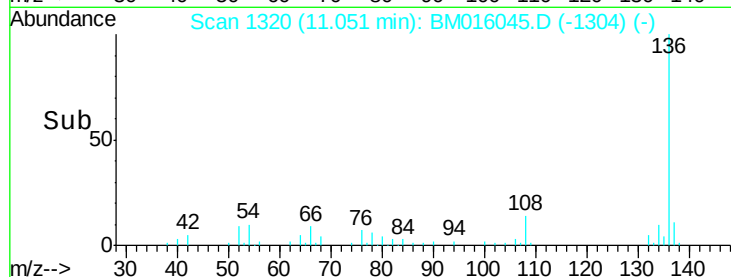
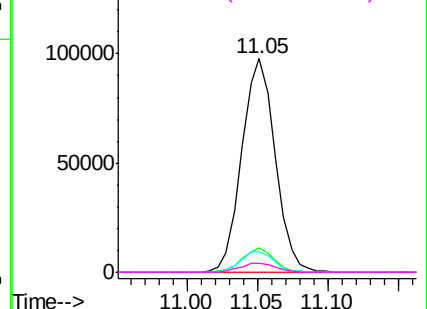
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.05 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:	136	Resp:	161787
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.7	13.1
54	9.7	4.6	6.8#
68	4.4	3.7	5.5

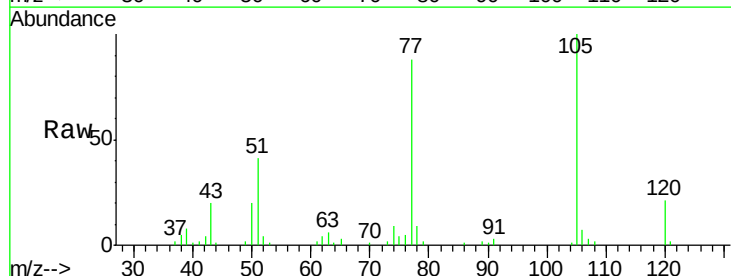


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

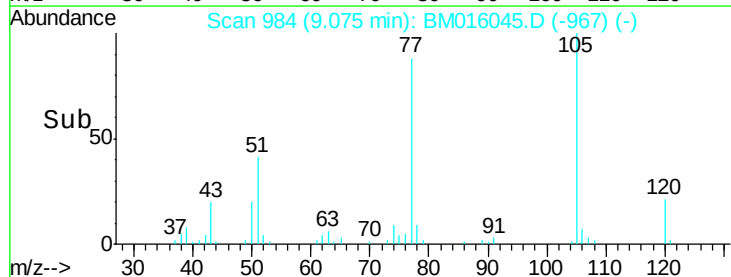
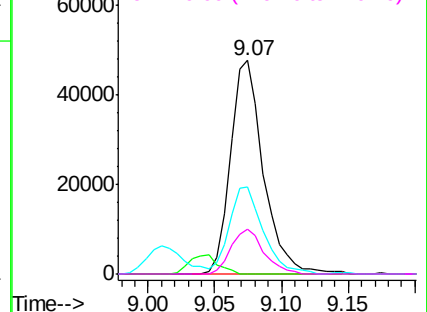


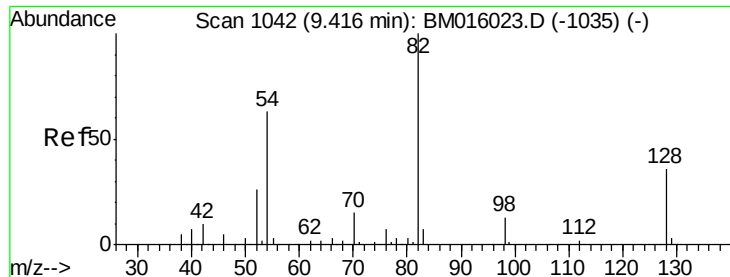
#22
Acetophenone
Concen: 20.185 ng
RT: 9.07 min Scan# 984
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:	105	Resp:	82230
Ion	Ratio	Lower	Upper
105	100		
71	0.0	0.6	1.0#
51	40.9	21.6	32.4#
120	21.2	16.1	24.1



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E

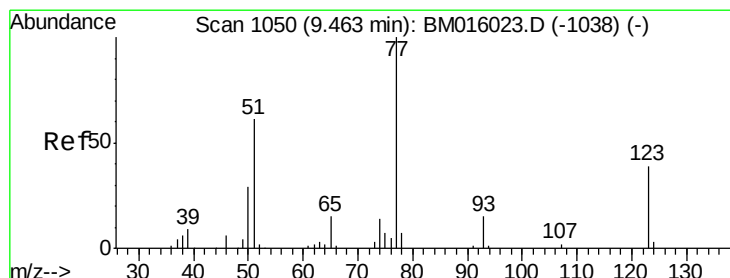
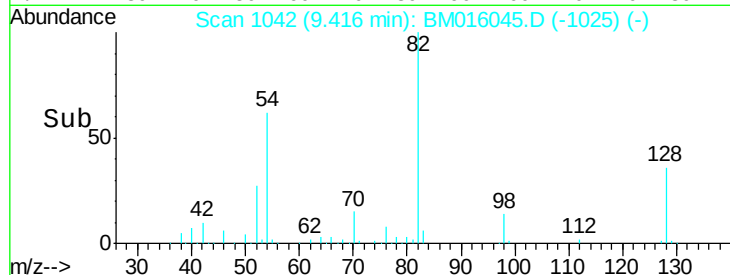
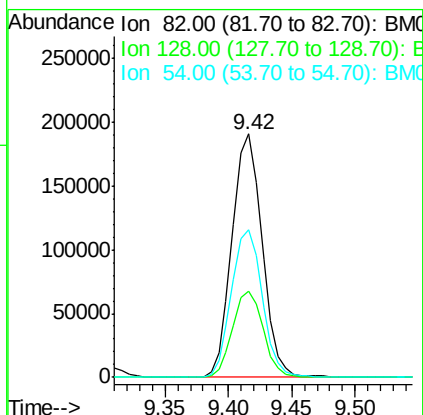
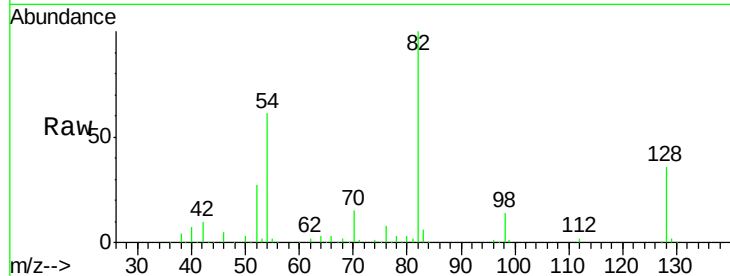




#23
Nitrobenzene-d5
Concen: 20.185 ng
RT: 9.42 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

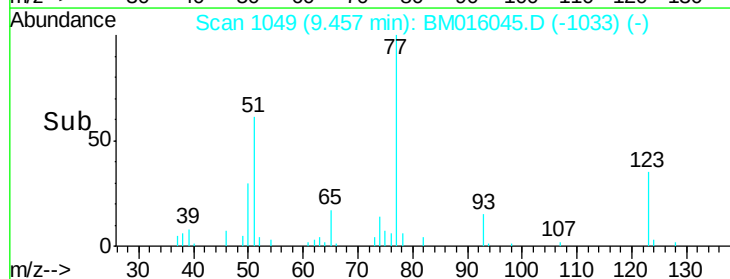
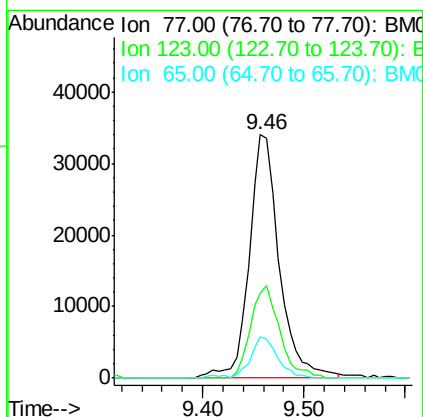
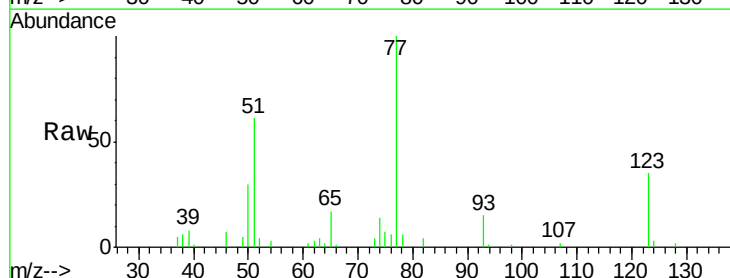
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

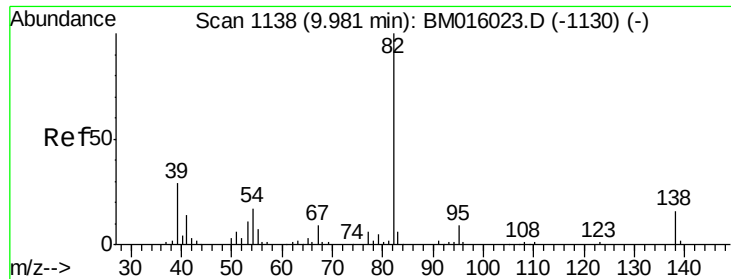
Tgt Ion: 82 Resp: 314284
Ion Ratio Lower Upper
82 100
128 35.5 32.8 49.2
54 60.7 40.6 60.8



#24
Nitrobenzene
Concen: 19.972 ng
RT: 9.46 min Scan# 1049
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion: 77 Resp: 69930
Ion Ratio Lower Upper
77 100
123 34.7 32.6 49.0
65 16.8 10.9 16.3#

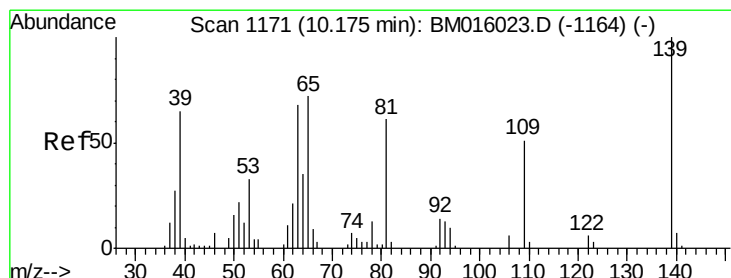
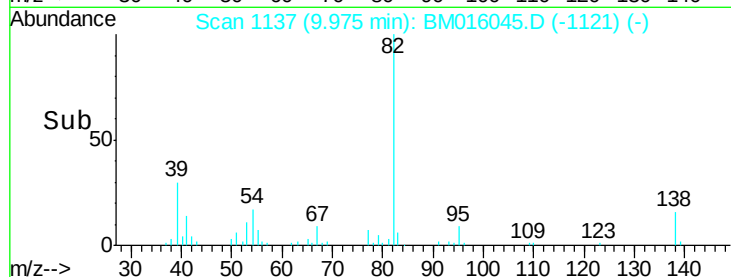
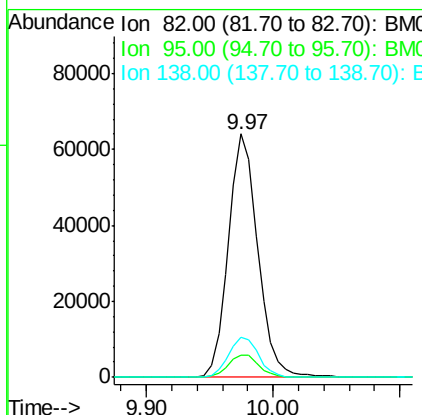
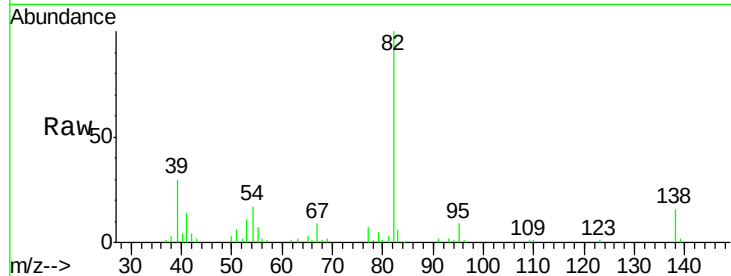




#25
Isophorone
Concen: 21.629 ng
RT: 9.97 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

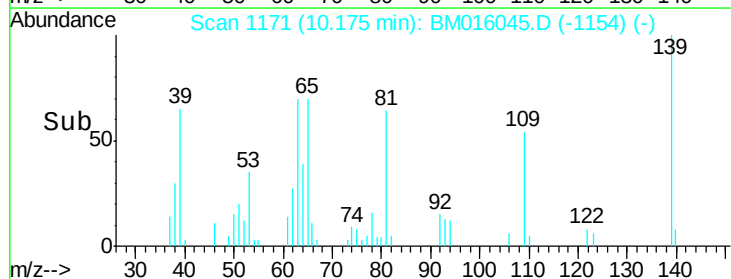
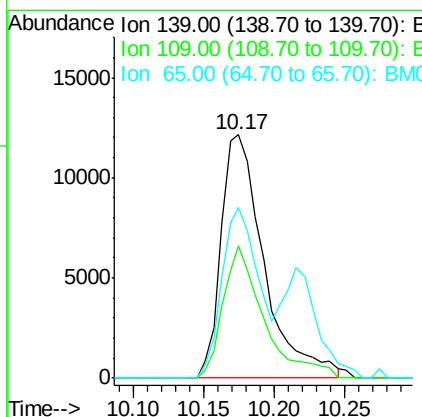
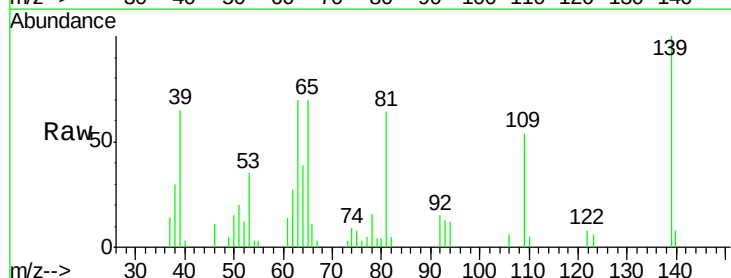
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

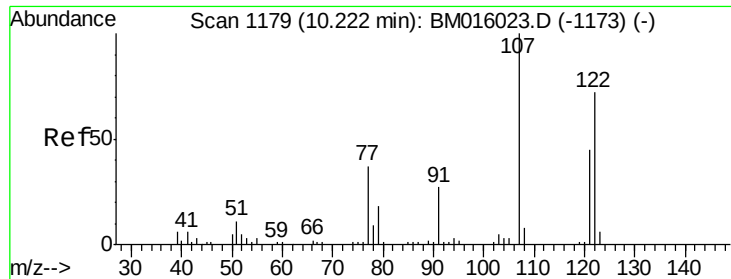
Tgt Ion: 82 Resp: 102911
Ion Ratio Lower Upper
82 100
95 9.4 5.8 8.6#
138 16.4 16.3 24.5



#26
2-Nitrophenol
Concen: 17.631 ng
RT: 10.17 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion: 139 Resp: 25769
Ion Ratio Lower Upper
139 100
109 54.1 20.1 30.1#
65 69.9 31.5 47.3#

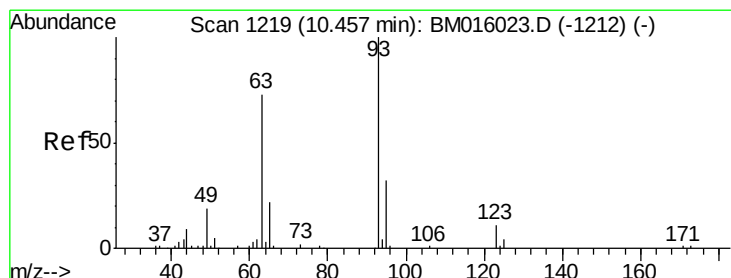
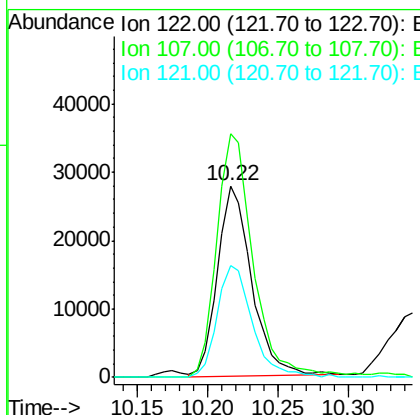
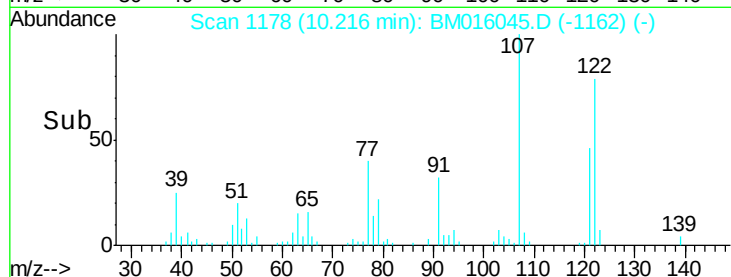
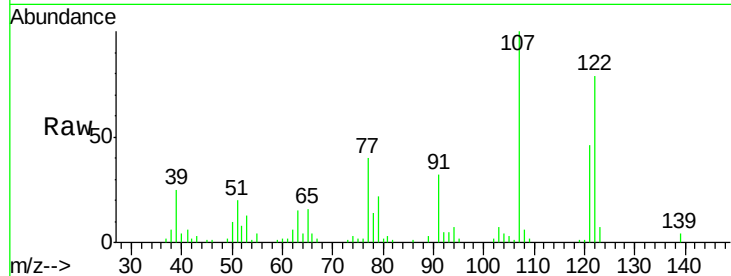




#27
 2,4-Dimethylphenol
 Concen: 23.089 ng
 RT: 10.22 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

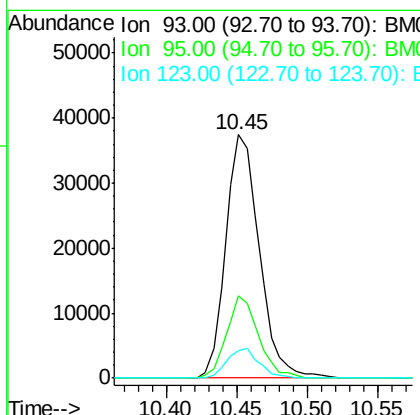
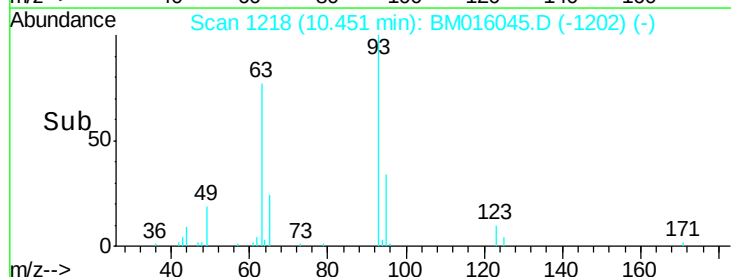
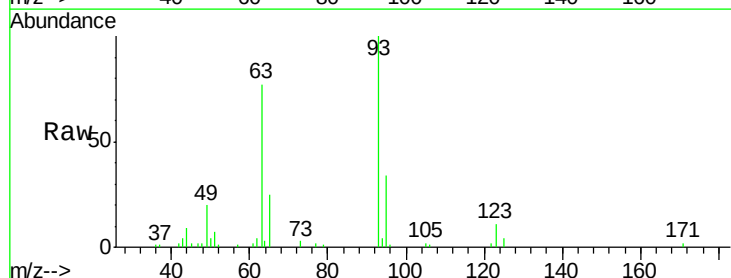
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

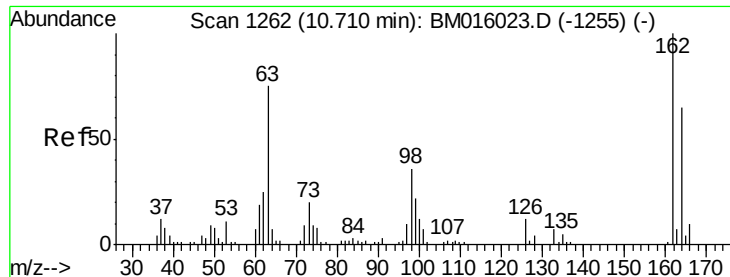
Tgt Ion: 122 Resp: 47017
 Ion Ratio Lower Upper
 122 100
 107 127.1 84.7 127.1#
 121 58.3 46.6 69.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 20.056 ng
 RT: 10.45 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion: 93 Resp: 62022
 Ion Ratio Lower Upper
 93 100
 95 33.9 25.5 38.3
 123 11.3 8.6 13.0

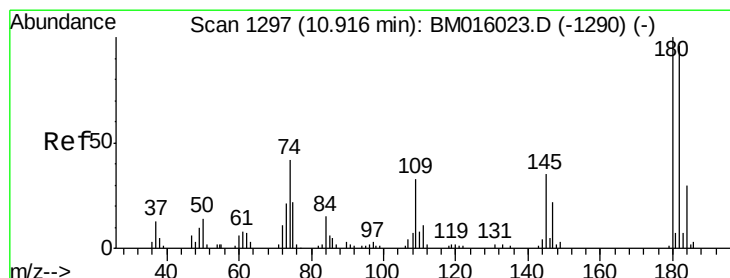
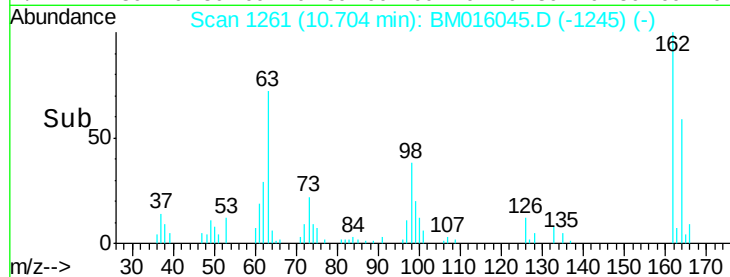
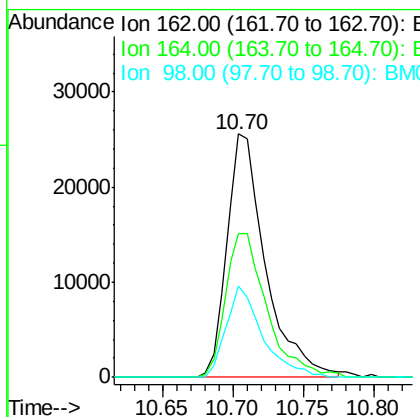
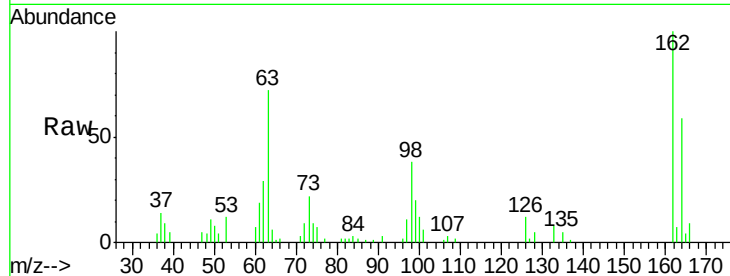




#29
 2,4-Dichlorophenol
 Concen: 20.193 ng
 RT: 10.70 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

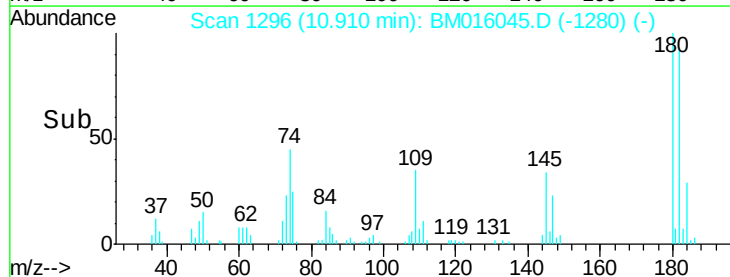
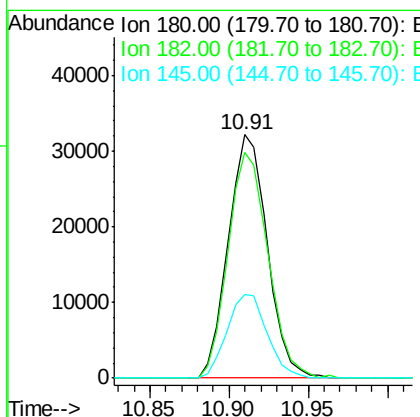
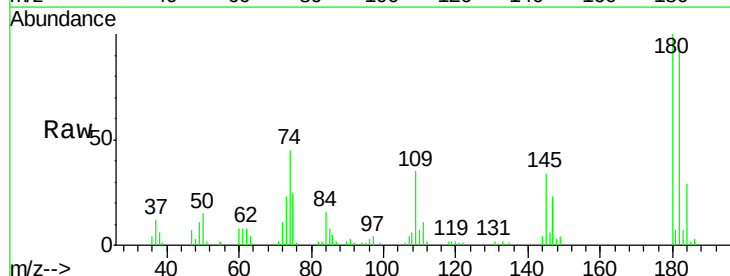
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

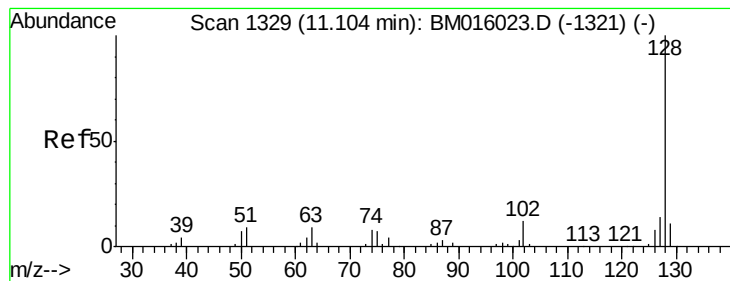
Tgt Ion:162 Resp: 48862
 Ion Ratio Lower Upper
 162 100
 164 58.8 42.8 82.8
 98 37.7 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 18.632 ng
 RT: 10.91 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:180 Resp: 54778
 Ion Ratio Lower Upper
 180 100
 182 92.8 77.6 116.4
 145 34.2 23.4 35.2

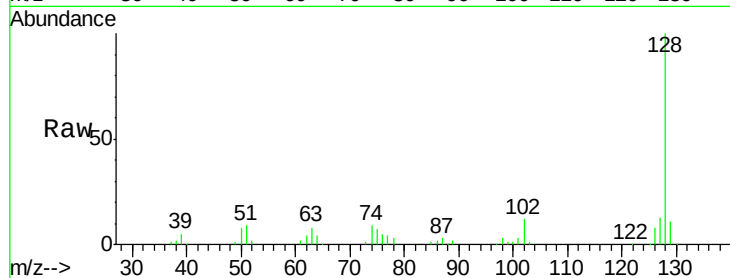




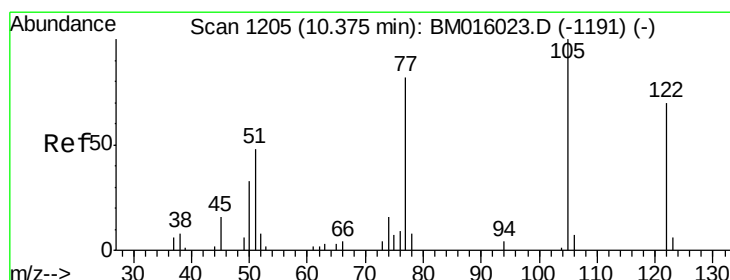
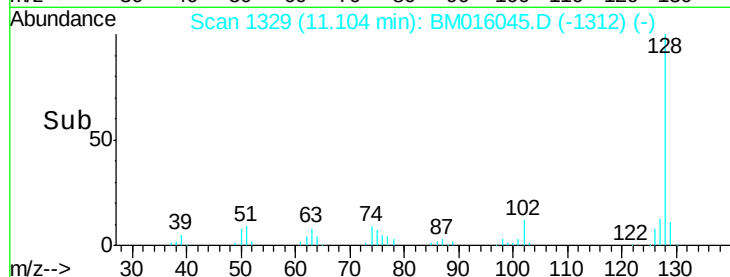
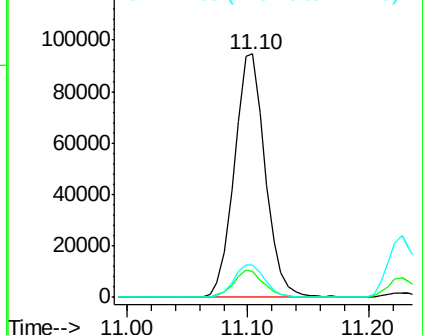
#31
Naphthalene
Concen: 20.652 ng
RT: 11.10 min Scan# 1329
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:128 Resp: 169099
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.4 10.4 15.6

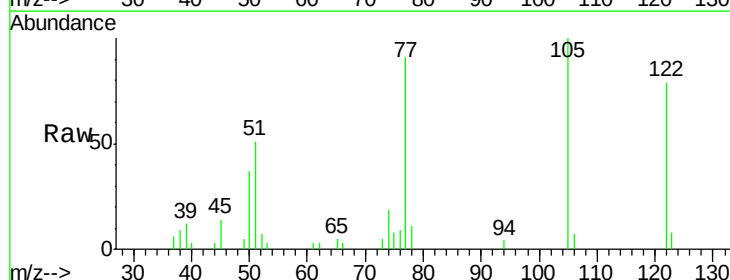


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

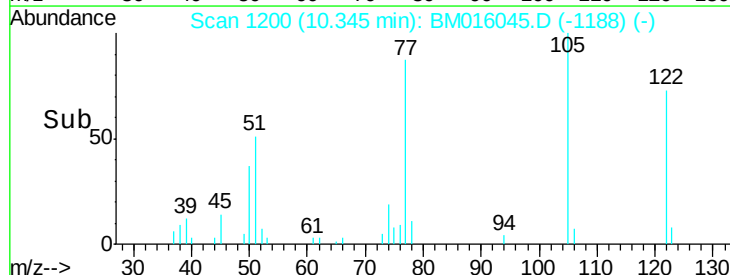
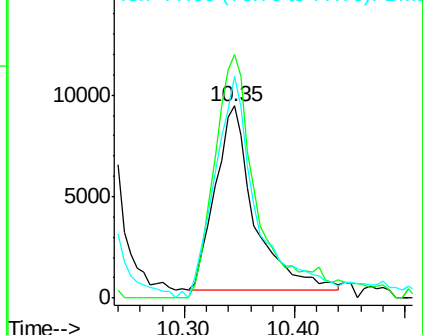


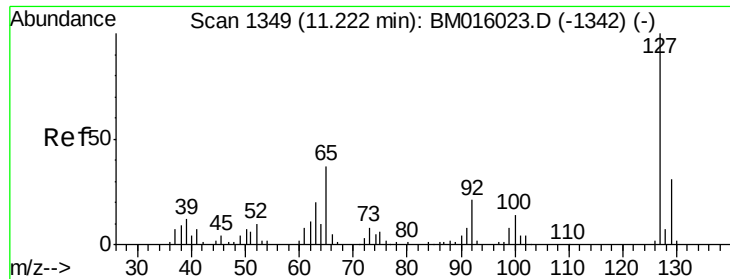
#32
Benzoic acid
Concen: 14.460 ng
RT: 10.35 min Scan# 1200
Delta R.T. -0.03 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:122 Resp: 22446
Ion Ratio Lower Upper
122 100
105 126.9 99.9 139.9
77 115.3 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

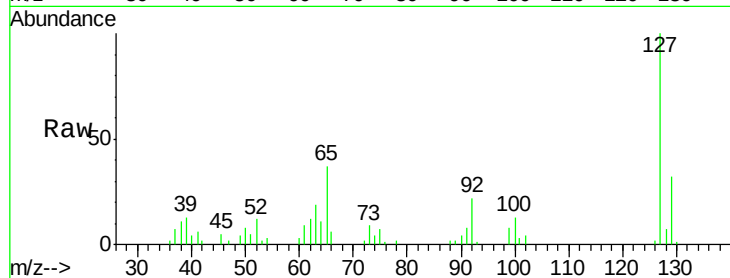




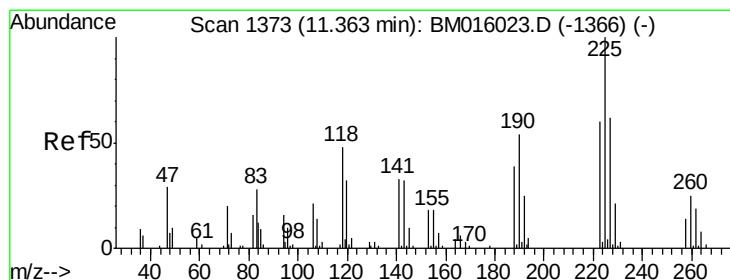
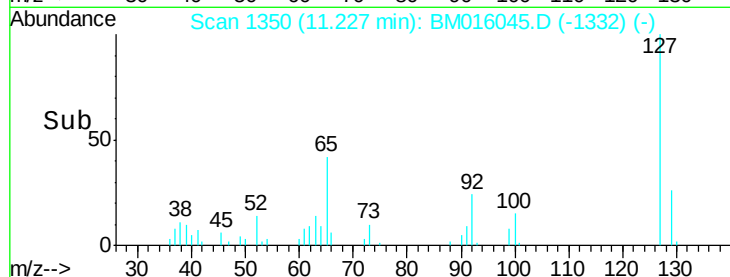
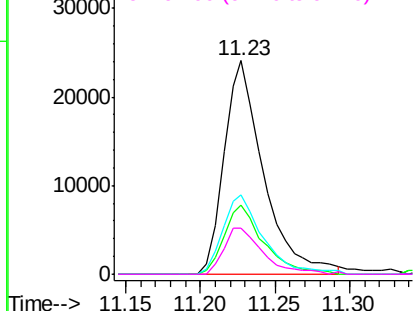
#33
4-Chloroaniline
Concen: 13.352 ng
RT: 11.23 min Scan# 1350
Delta R.T. 0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:	127	Resp:	44615
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.3	37.9
65	37.3	17.6	26.4
92	21.6	13.1	19.7

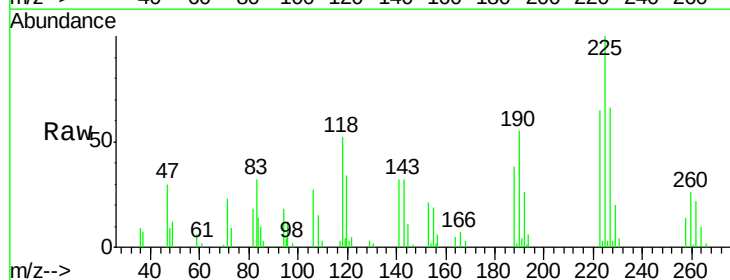


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

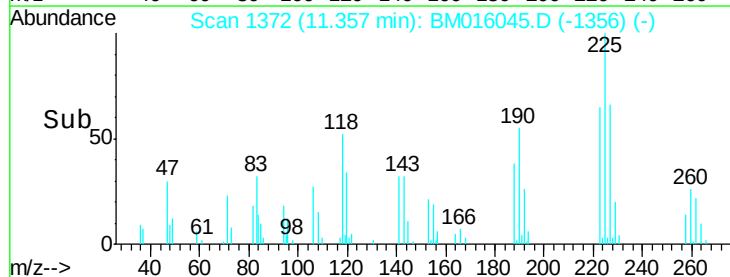
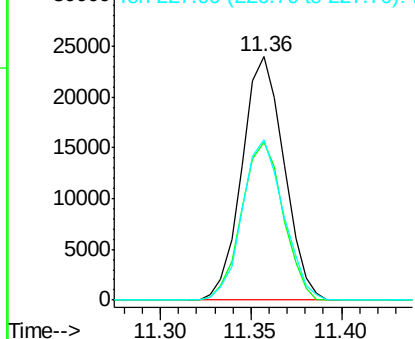


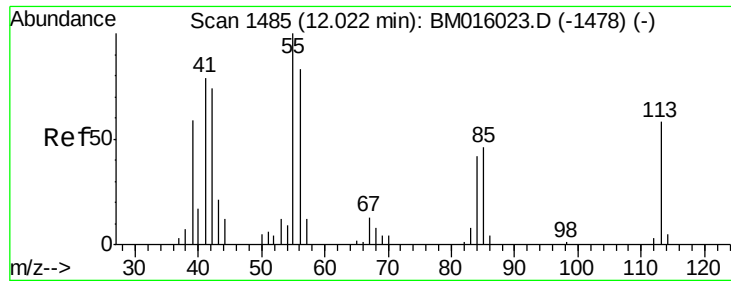
#34
Hexachlorobutadiene
Concen: 18.968 ng
RT: 11.36 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:	225	Resp:	38683
Ion	Ratio	Lower	Upper
225	100		
223	67.7	47.9	71.9
227	65.8	50.1	75.1



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





#35

Caprolactam

Concen: 16.868 ng

RT: 12.01 min Scan# 1483

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

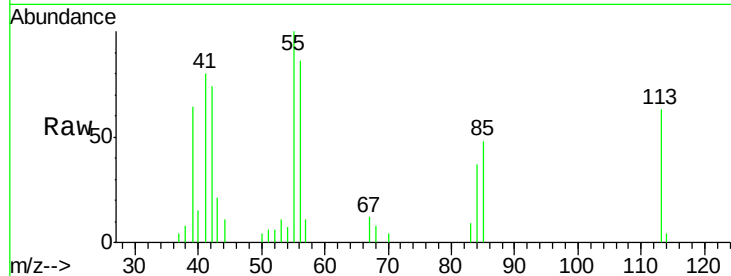
Tgt Ion:113 Resp: 11305

Ion Ratio Lower Upper

113 100

55 158.1 145.9 185.9

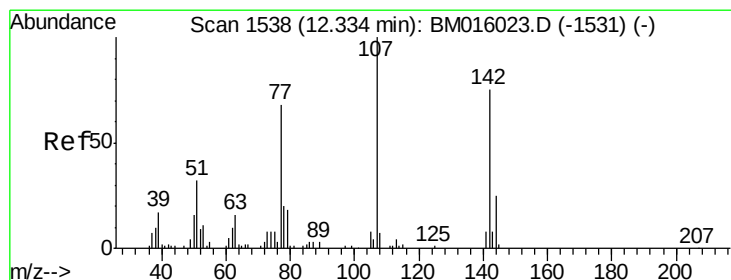
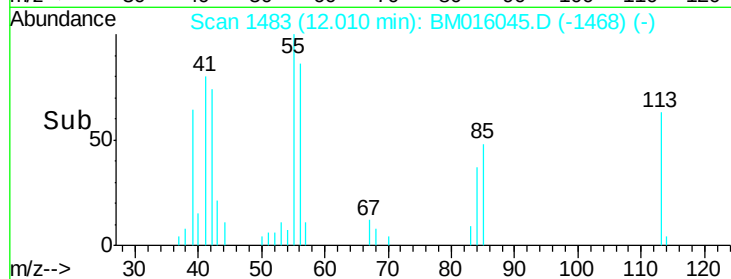
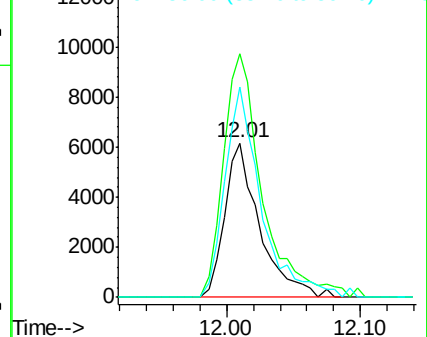
56 136.6 101.0 141.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 19.234 ng

RT: 12.33 min Scan# 1537

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

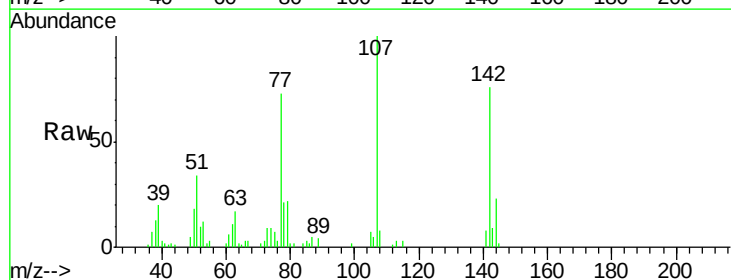
Tgt Ion:107 Resp: 51190

Ion Ratio Lower Upper

107 100

144 23.0 23.3 34.9#

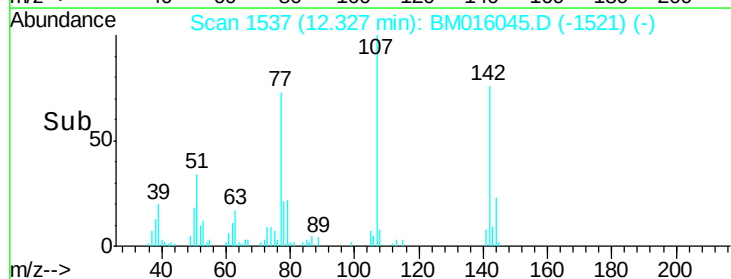
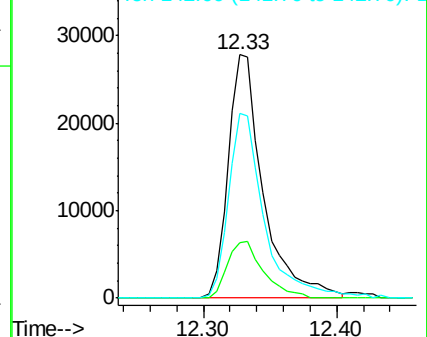
142 75.8 72.6 109.0

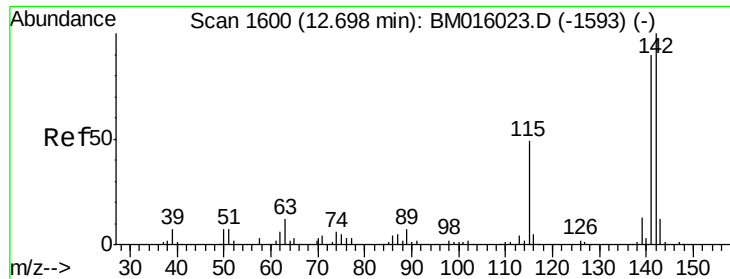


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

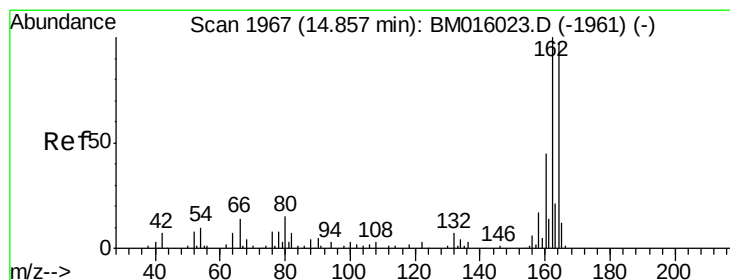
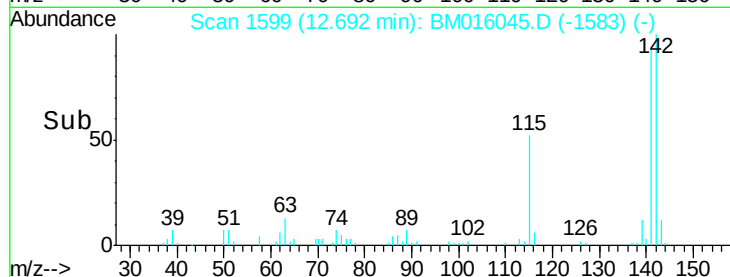
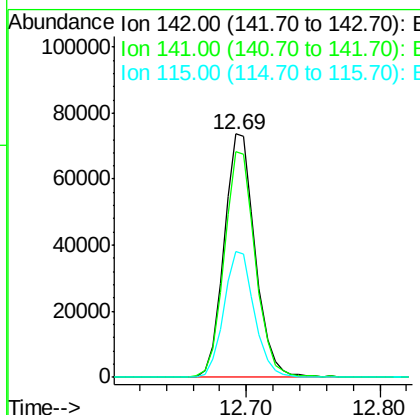
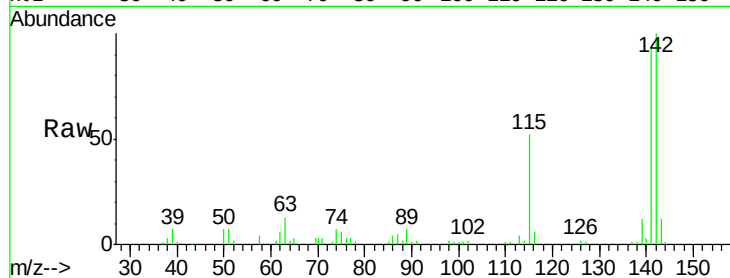




#37
 2-Methylnaphthalene
 Concen: 21.866 ng
 RT: 12.69 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

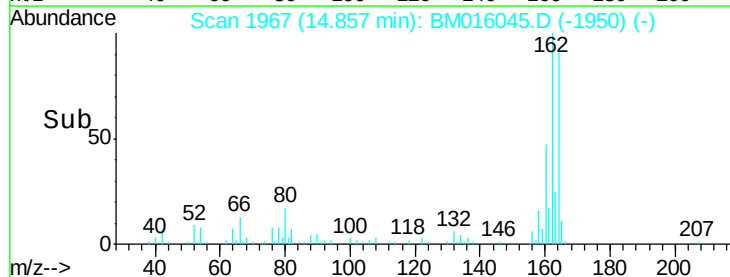
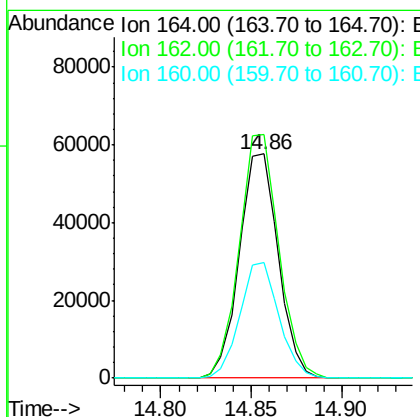
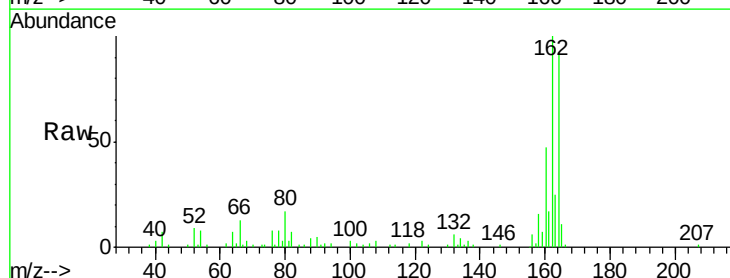
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

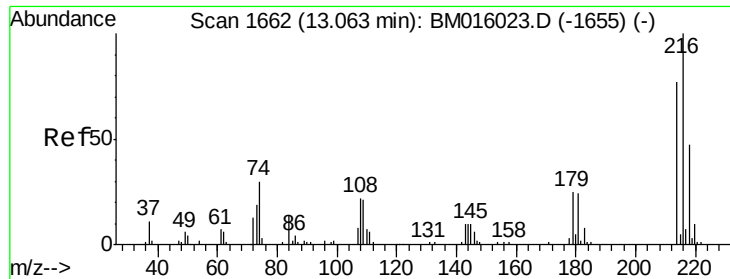
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	71.9	107.9
115	51.9	25.4	38.0



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.86 min Scan# 1967
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.7	82.4	123.6
160	51.5	35.8	53.6

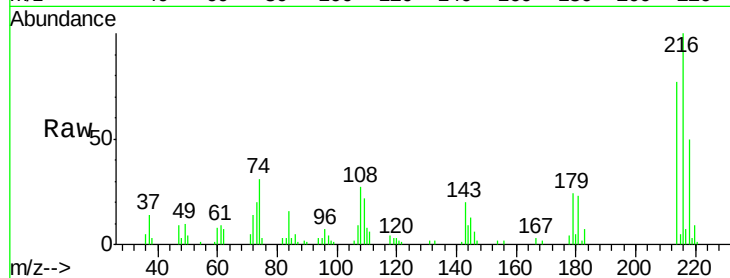




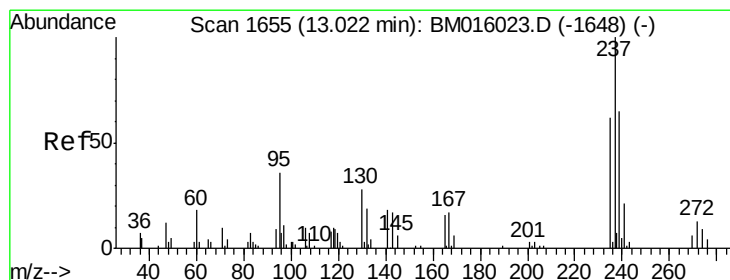
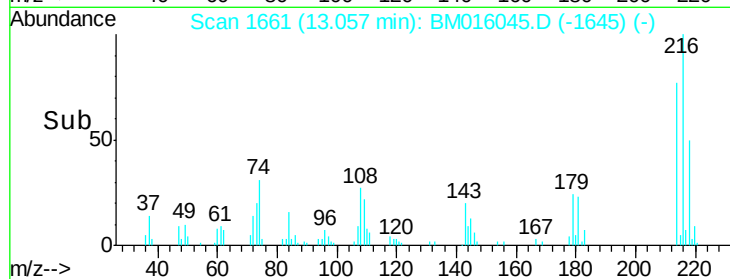
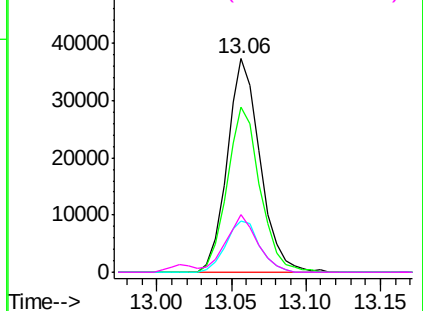
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 19.606 ng
 RT: 13.06 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tgt Ion:216 Resp: 57514
 Ion Ratio Lower Upper
 216 100
 214 77.6 0.0 0.0#
 179 24.5 0.0 0.0#
 108 25.8 0.0 0.0#

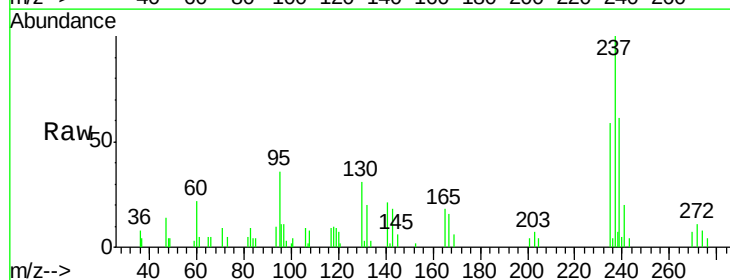


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

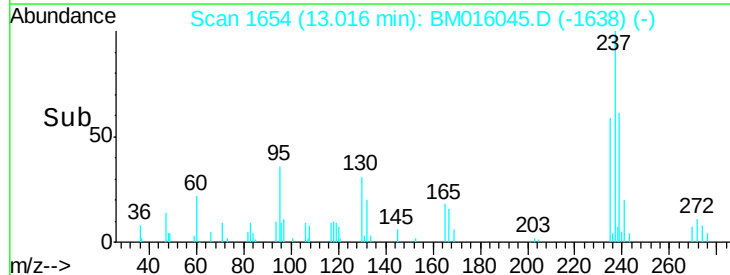
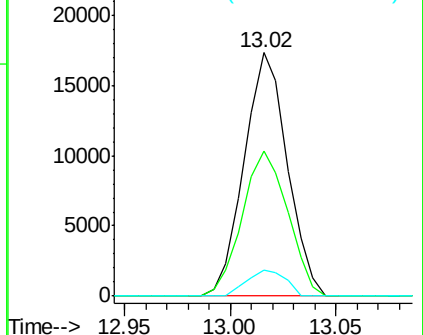


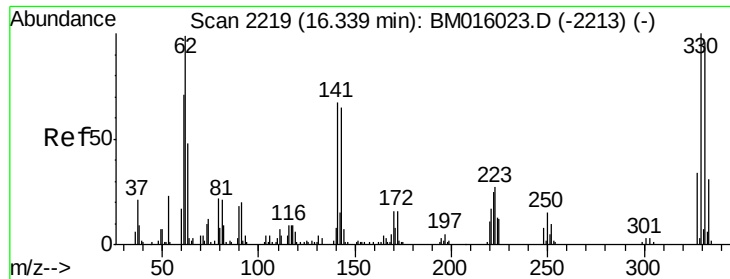
#40
 Hexachlorocyclopentadiene
 Concen: 23.129 ng
 RT: 13.02 min Scan# 1654
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:237 Resp: 24617
 Ion Ratio Lower Upper
 237 100
 235 59.4 42.0 82.0
 272 10.7 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

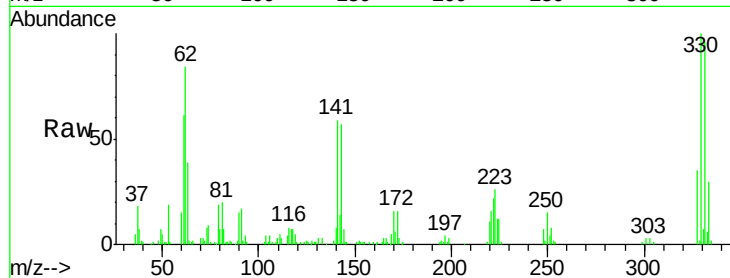




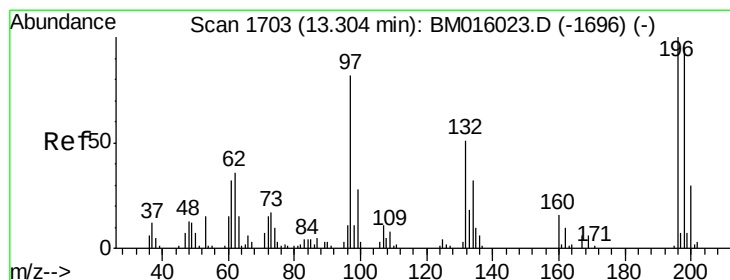
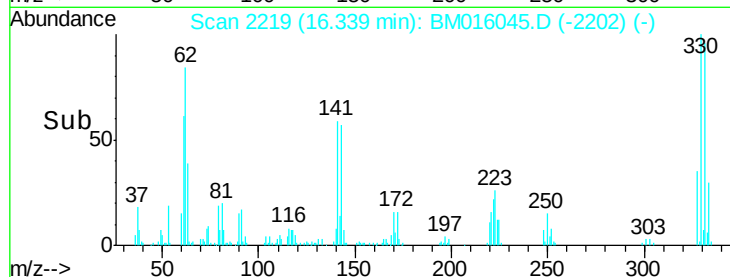
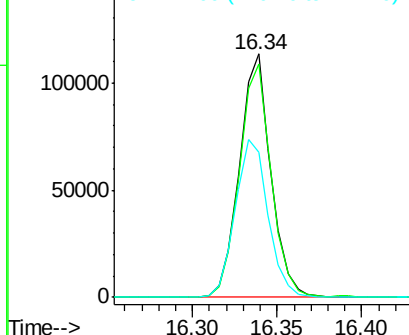
#41
 2,4,6-Tribromophenol
 Concen: 23.129 ng
 RT: 16.34 min Scan# 2219
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tgt Ion:330 Resp: 146907
 Ion Ratio Lower Upper
 330 100
 332 97.5 0.0 0.0#
 141 67.4 0.0 0.0#

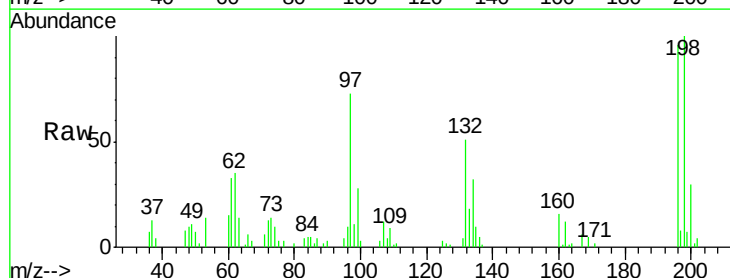


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

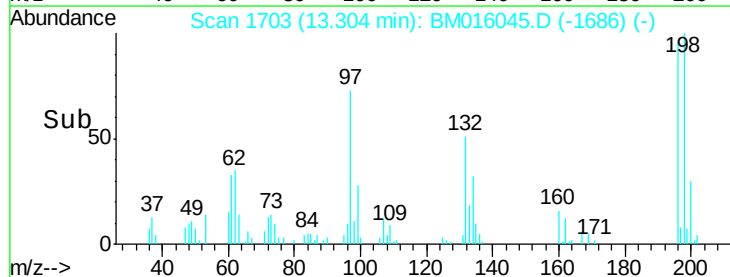
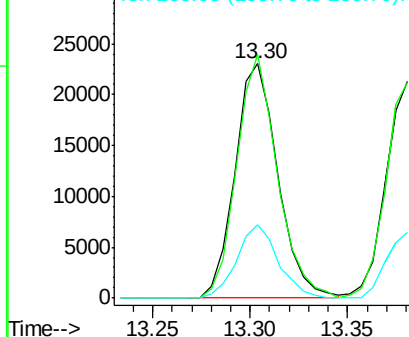


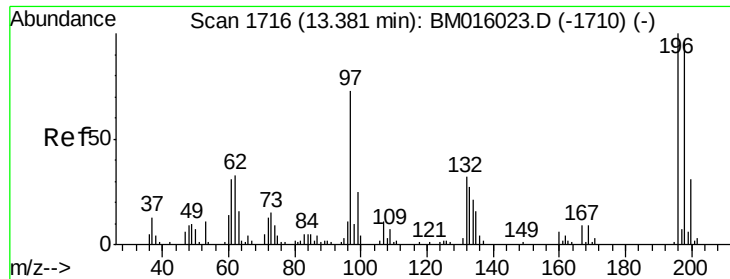
#42
 2,4,6-Trichlorophenol
 Concen: 19.110 ng
 RT: 13.30 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:196 Resp: 35073
 Ion Ratio Lower Upper
 196 100
 198 103.9 76.3 114.5
 200 31.5 25.6 38.4



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

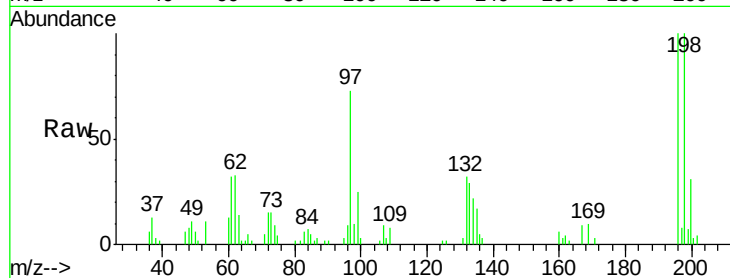




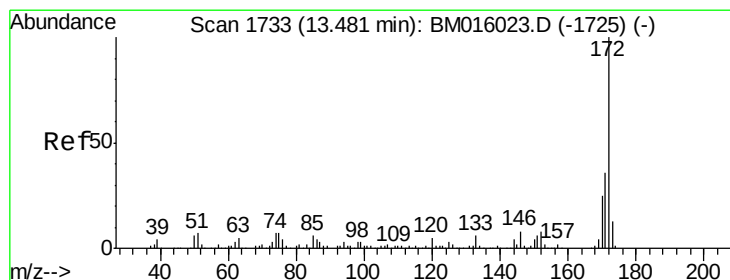
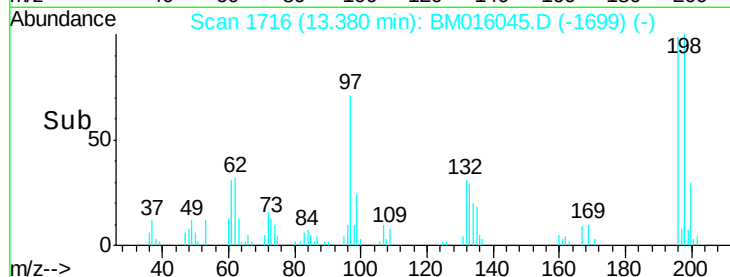
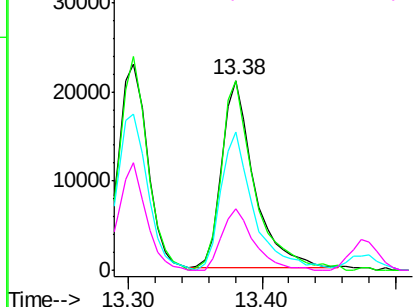
#43
 2,4,5-Trichlorophenol
 Concen: 18.777 ng
 RT: 13.38 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tgt Ion:196 Resp: 35547
 Ion Ratio Lower Upper
 196 100
 198 99.7 79.4 119.0
 97 72.5 26.8 40.2#
 132 32.4 18.6 28.0#

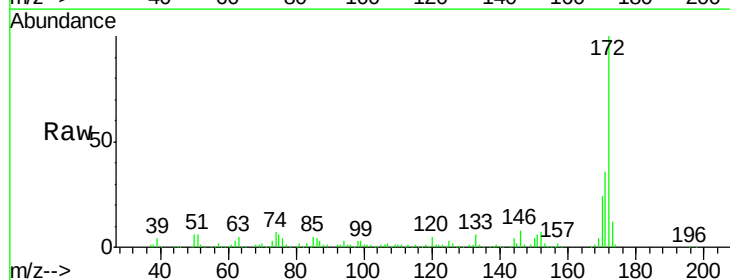


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BM
 Ion 132.00 (131.70 to 132.70): E

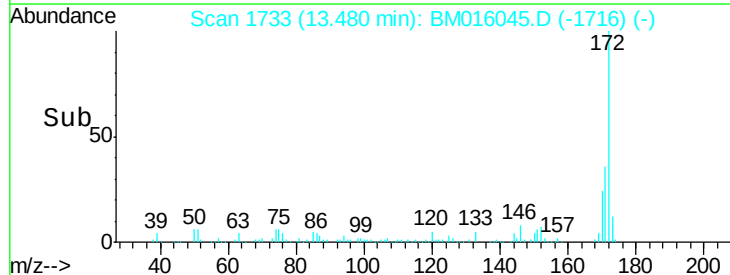
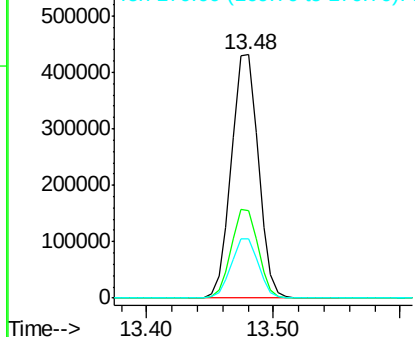


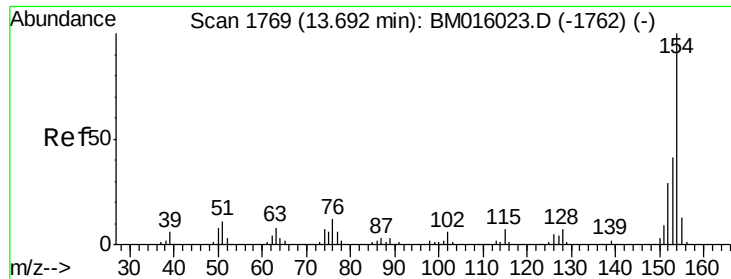
#44
 2-Fluorobiphenyl
 Concen: 18.777 ng
 RT: 13.48 min Scan# 1733
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:172 Resp: 634006
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.5 42.7
 170 24.1 18.8 28.2



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

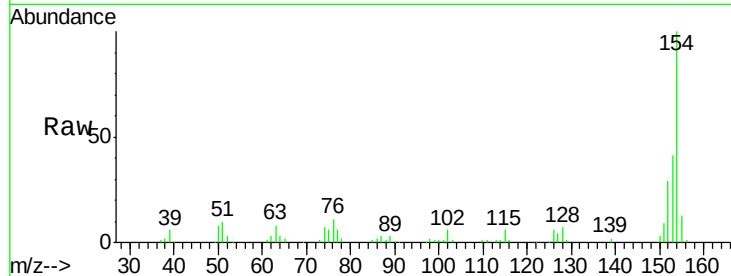




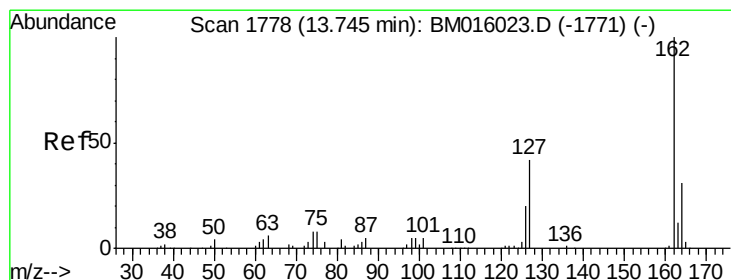
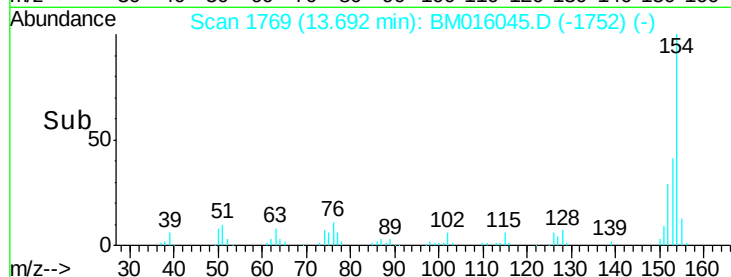
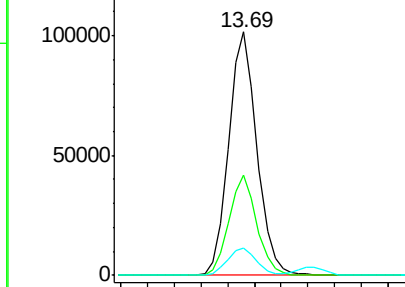
#45
 1,1'-Biphenyl
 Concen: 19.344 ng
 RT: 13.69 min Scan# 1769
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

Tgt Ion:154 Resp: 150421
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.7 60.7
 76 11.4 0.0 30.9

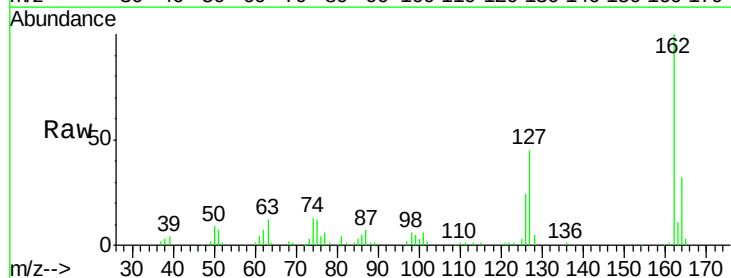


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

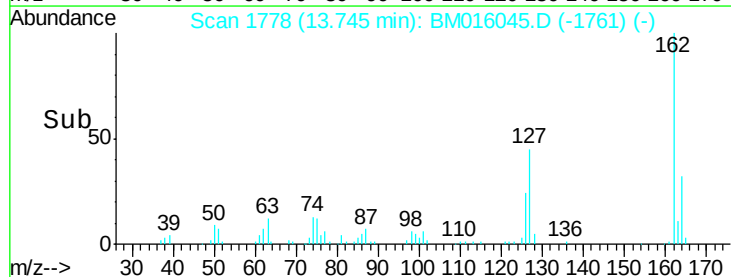
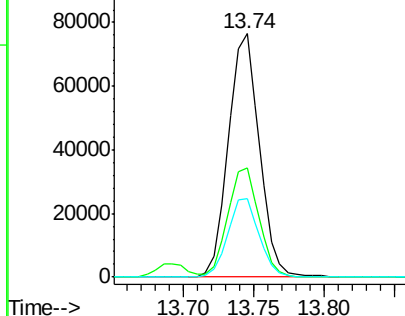


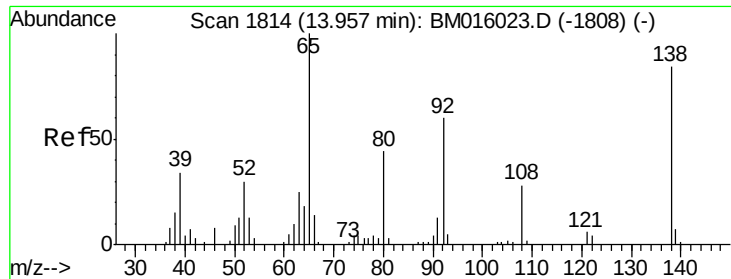
#46
 2-Chloronaphthalene
 Concen: 19.287 ng
 RT: 13.74 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:162 Resp: 116653
 Ion Ratio Lower Upper
 162 100
 127 44.8 26.9 40.3#
 164 32.2 26.8 40.2



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





#47

2-Nitroaniline

Concen: 17.597 ng

RT: 13.96 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

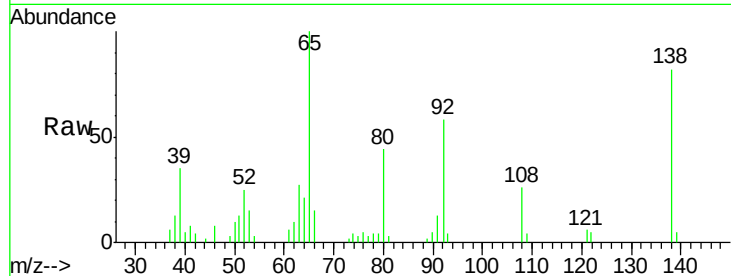
Tgt Ion: 65 Resp: 35186

Ion Ratio Lower Upper

65 100

92 58.0 59.1 88.7#

138 81.8 93.9 140.9#

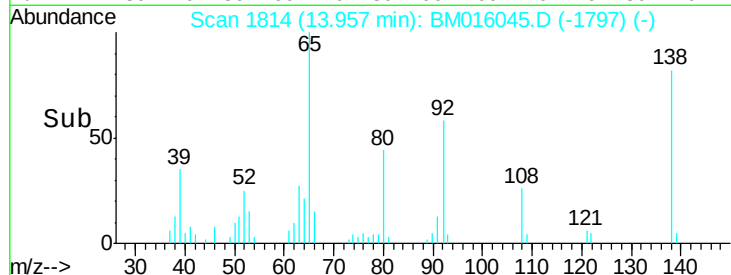


Abundance Ion 65.00 (64.70 to 65.70): BM016023.D (-1808) (-)

Ion 92.00 (91.70 to 92.70): BM016023.D (-1808) (-)

Ion 138.00 (137.70 to 138.70): BM016023.D (-1808) (-)

Time-->



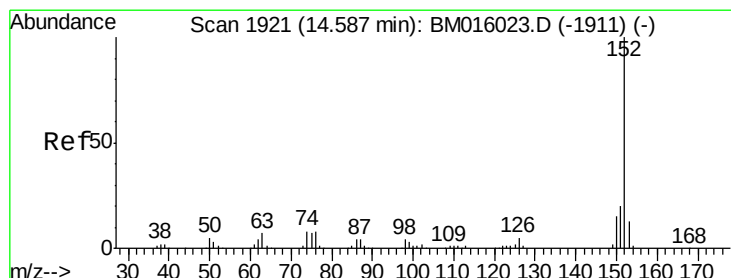
Abundance

Ion 65.00 (64.70 to 65.70): BM016045.D (-1797) (-)

Ion 92.00 (91.70 to 92.70): BM016045.D (-1797) (-)

Ion 138.00 (137.70 to 138.70): BM016045.D (-1797) (-)

Time-->



#48

Acenaphthylene

Concen: 21.155 ng

RT: 14.58 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

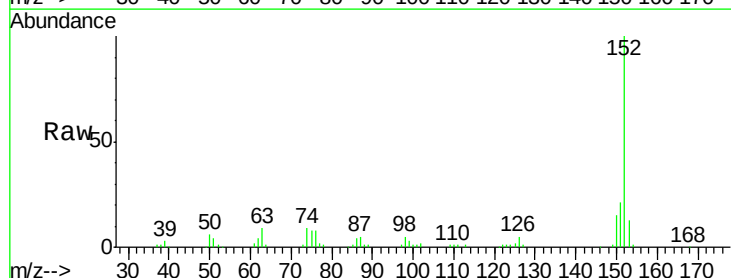
Tgt Ion: 152 Resp: 187310

Ion Ratio Lower Upper

152 100

151 21.2 15.9 23.9

153 13.3 10.6 16.0

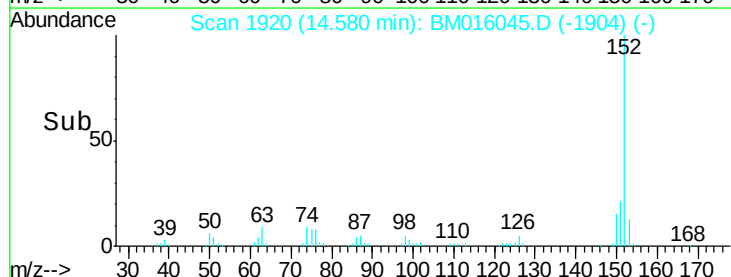


Abundance Ion 152.00 (151.70 to 152.70): BM016023.D (-1911) (-)

Ion 151.00 (150.70 to 151.70): BM016023.D (-1911) (-)

Ion 153.00 (152.70 to 153.70): BM016023.D (-1911) (-)

Time-->



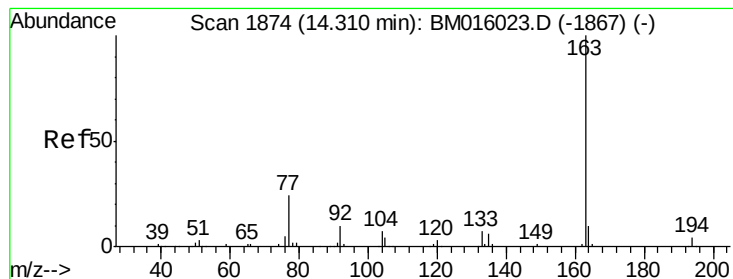
Abundance

Ion 152.00 (151.70 to 152.70): BM016045.D (-1904) (-)

Ion 151.00 (150.70 to 151.70): BM016045.D (-1904) (-)

Ion 153.00 (152.70 to 153.70): BM016045.D (-1904) (-)

Time-->



#49

Dimethylphthalate

Concen: 19.818 ng

RT: 14.30 min Scan# 1873

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

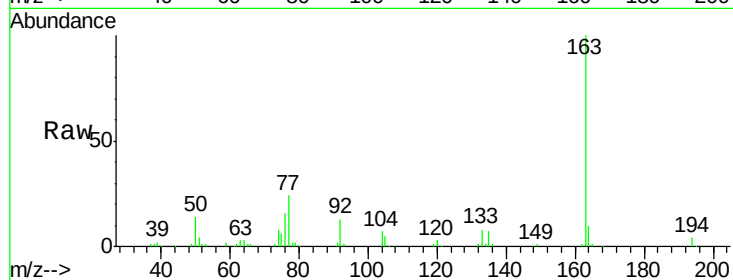
Tgt Ion:163 Resp: 149441

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

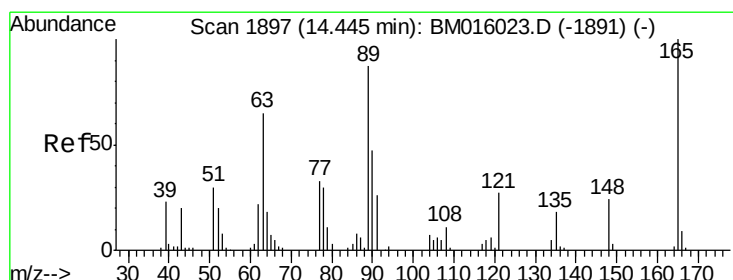
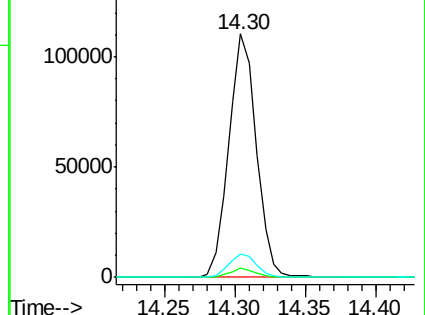
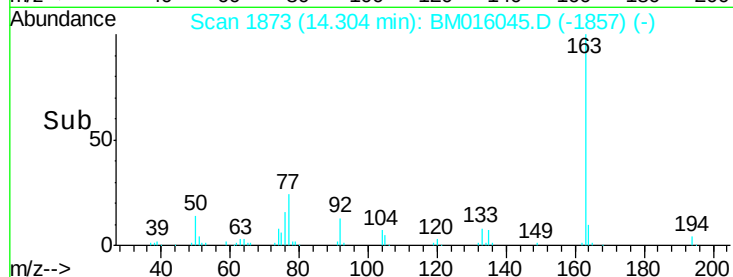
164 9.5 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 19.316 ng

RT: 14.44 min Scan# 1897

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

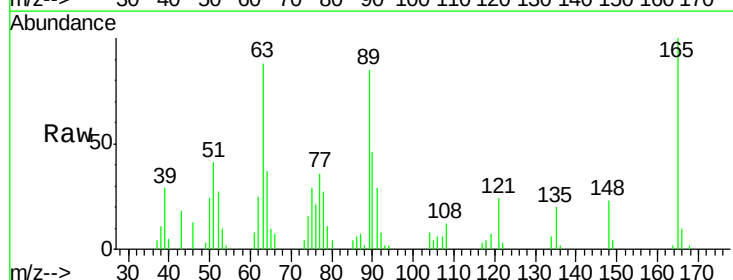
Tgt Ion:165 Resp: 29307

Ion Ratio Lower Upper

165 100

63 88.1 44.1 66.1#

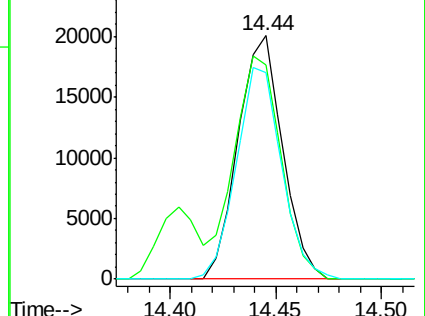
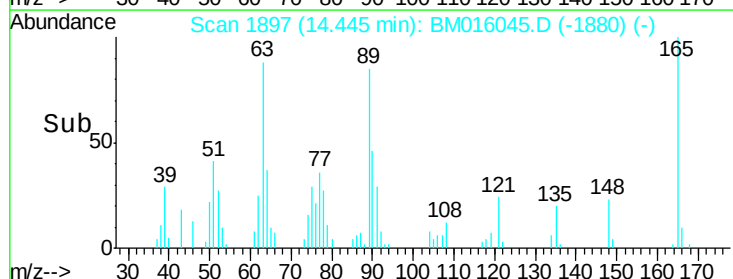
89 84.9 44.3 66.5#

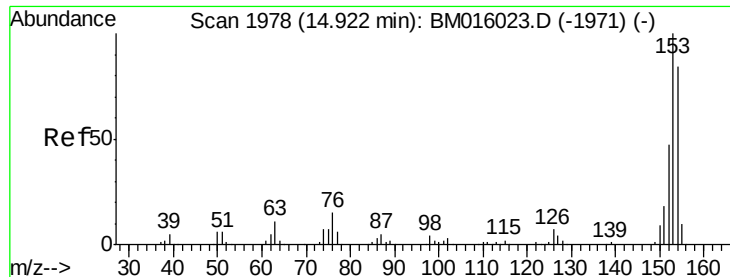


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 19.794 ng

RT: 14.92 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

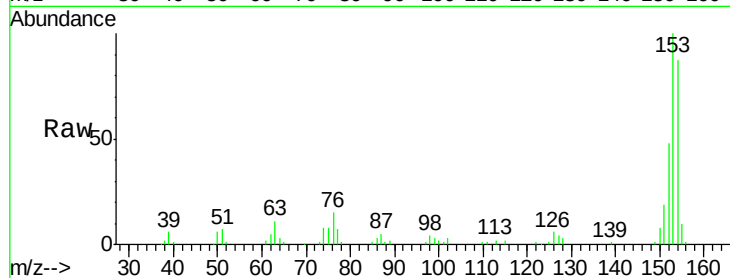
Tgt Ion:154 Resp: 107788

Ion Ratio Lower Upper

154 100

153 115.1 90.0 135.0

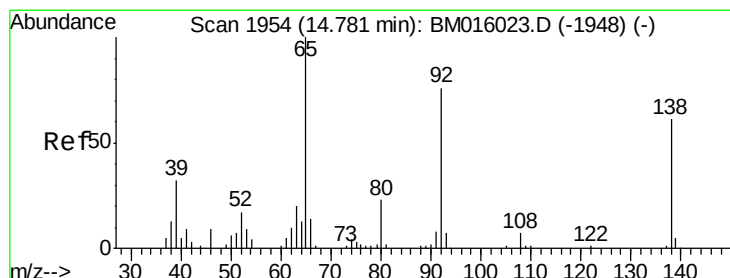
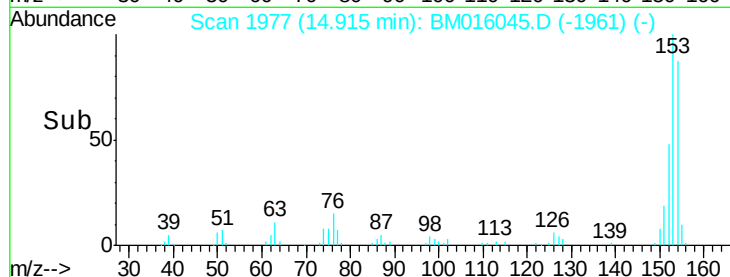
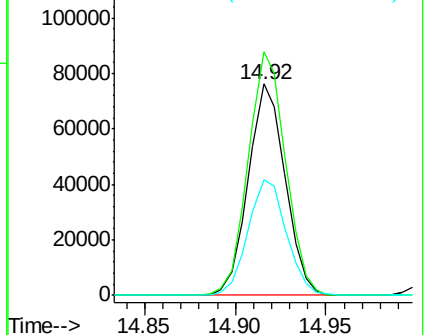
152 54.7 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 13.979 ng

RT: 14.79 min Scan# 1955

Delta R.T. 0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

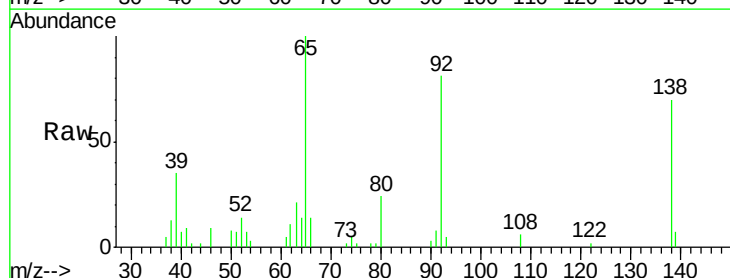
Tgt Ion:138 Resp: 22909

Ion Ratio Lower Upper

138 100

108 8.5 7.3 10.9

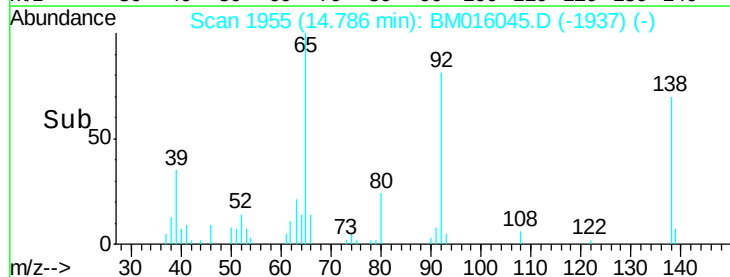
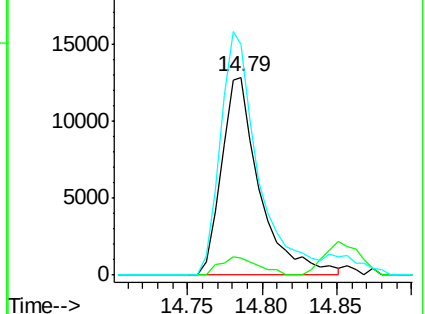
92 116.7 76.6 114.8#

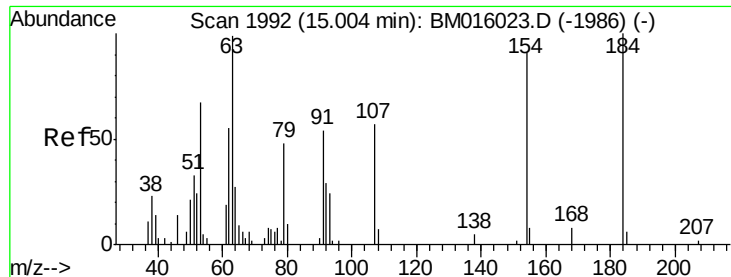


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM

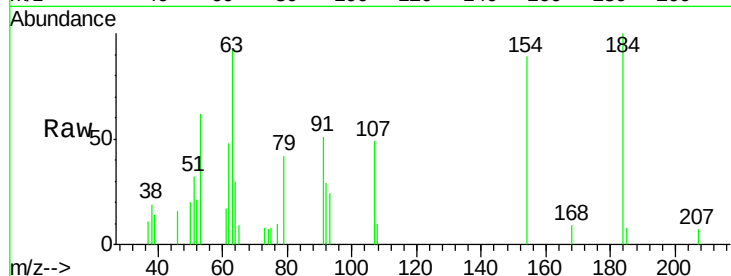




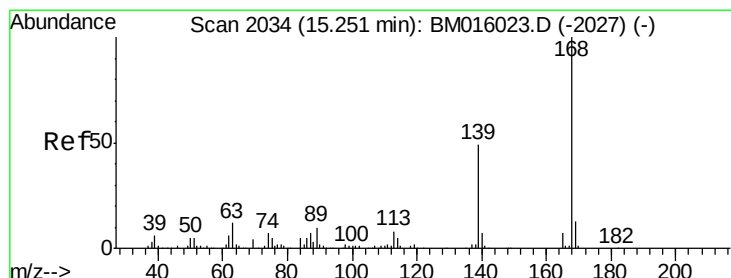
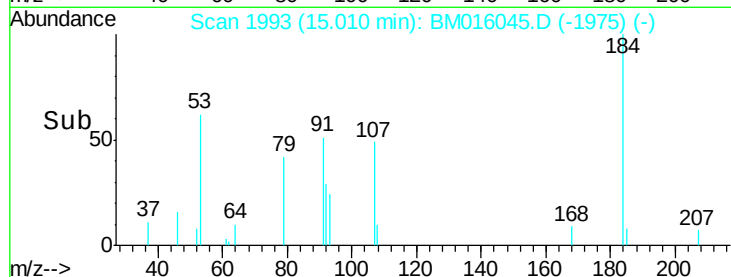
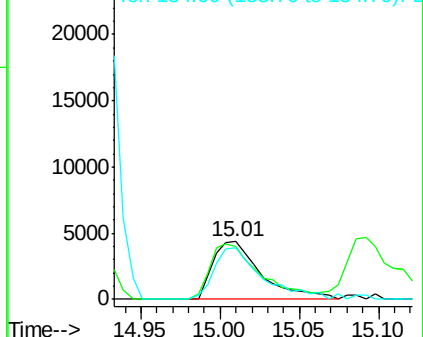
#53
2,4-Dinitrophenol
Concen: 19.222 ng
RT: 15.01 min Scan# 1993
Delta R.T. 0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:184 Resp: 9244
Ion Ratio Lower Upper
184 100
63 92.4 69.2 103.8
154 89.4 53.3 79.9#

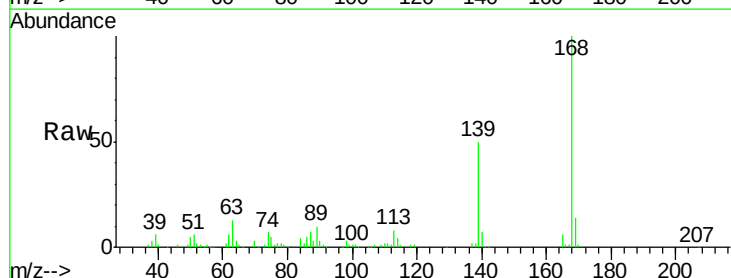


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 154.00 (153.70 to 154.70): E

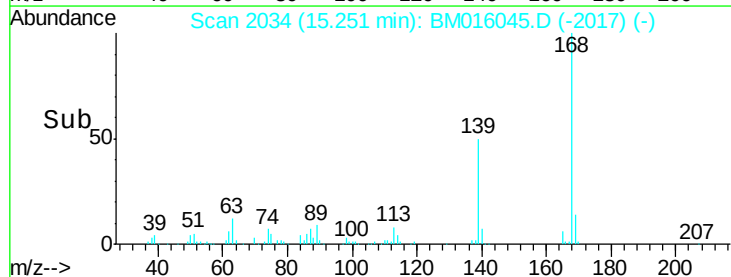
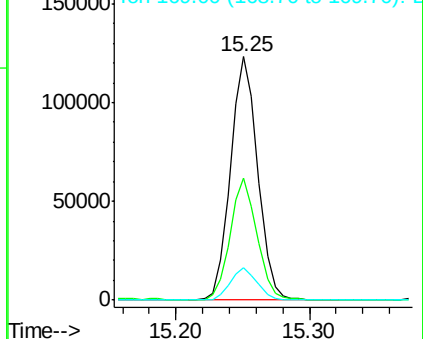


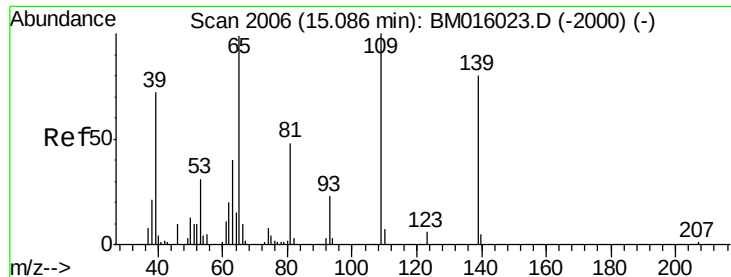
#54
Dibenzofuran
Concen: 19.532 ng
RT: 15.25 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:168 Resp: 175268
Ion Ratio Lower Upper
168 100
139 50.3 27.3 40.9#
169 13.5 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

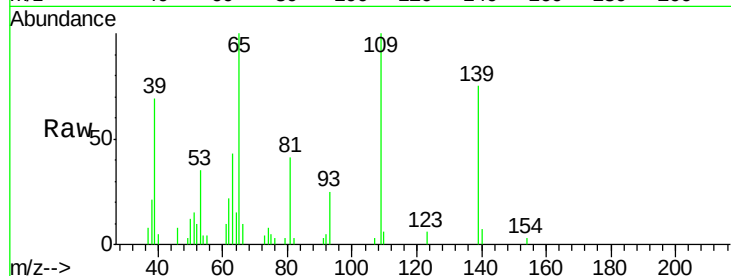




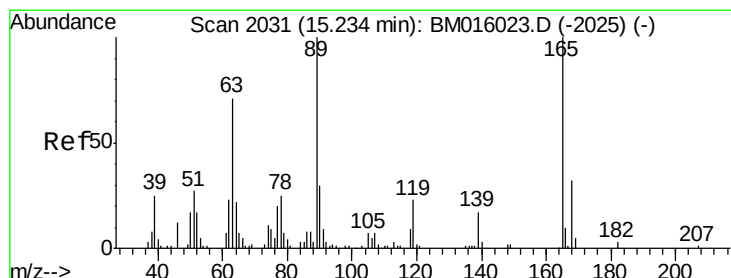
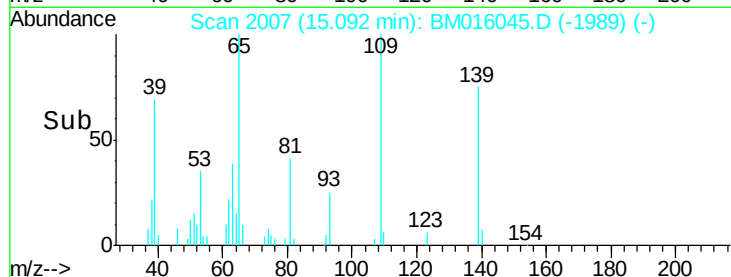
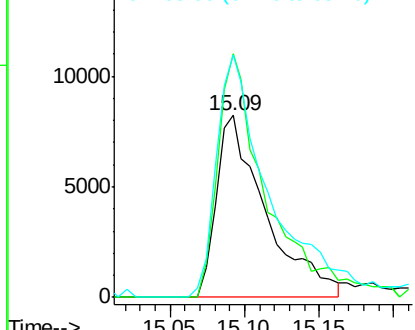
#55
4-Nitrophenol
Concen: 16.148 ng
RT: 15.09 min Scan# 2007
Delta R.T. 0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:139 Resp: 18970
Ion Ratio Lower Upper
139 100
109 133.7 130.0 170.0
65 133.4 130.0 170.0

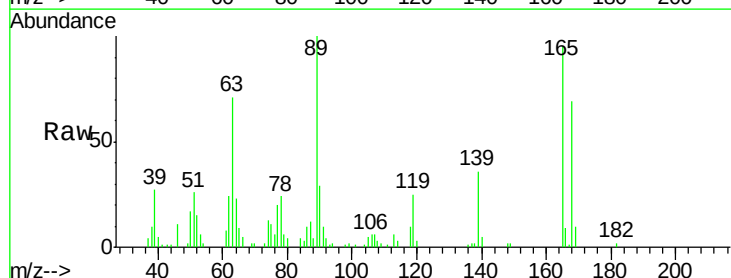


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BM

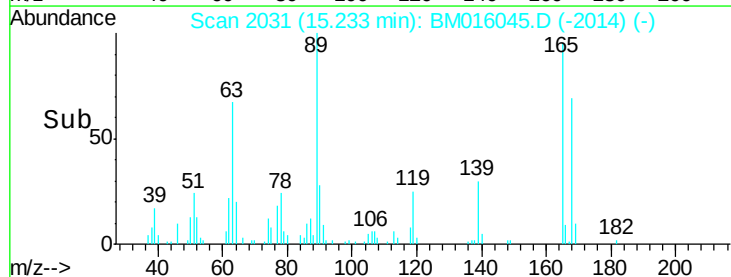
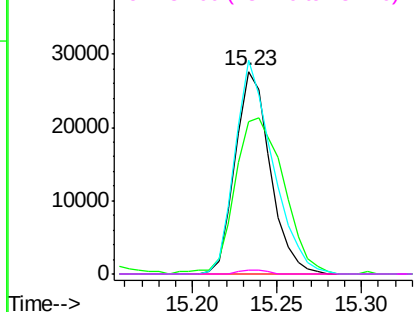


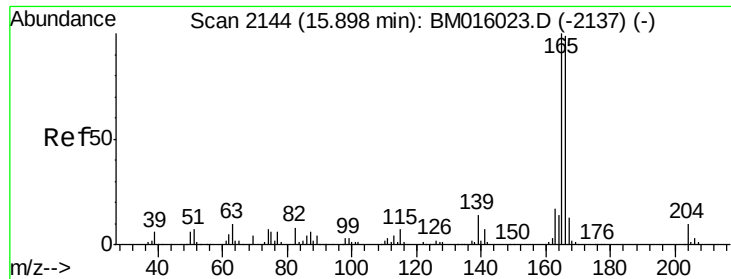
#56
2,4-Dinitrotoluene
Concen: 18.383 ng
RT: 15.23 min Scan# 2031
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:165 Resp: 39881
Ion Ratio Lower Upper
165 100
63 75.2 52.4 78.6
89 105.3 72.4 108.6
182 1.8 2.0 3.0#



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

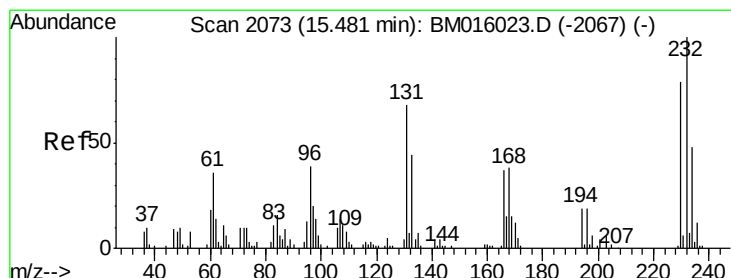
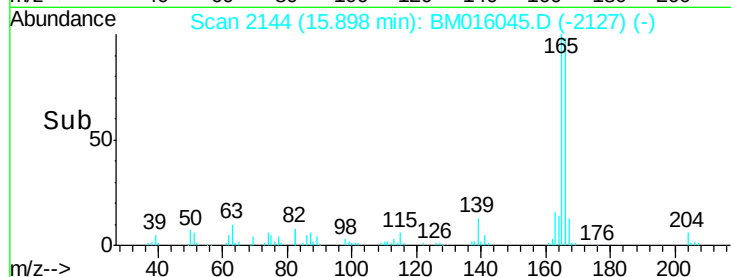
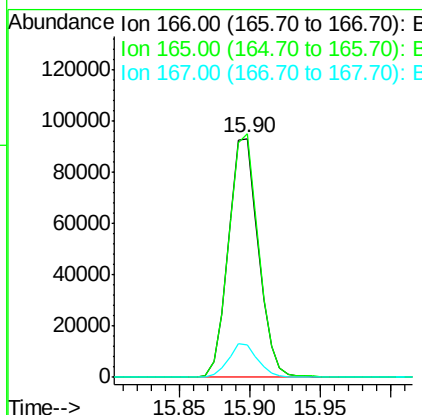
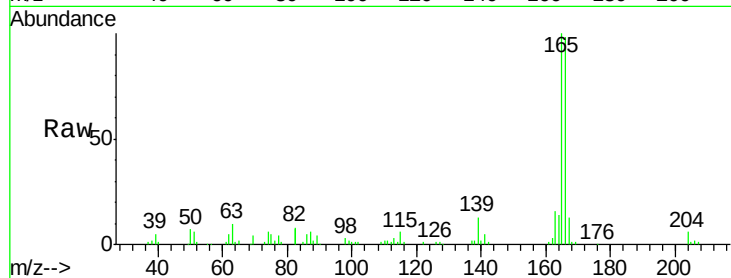




#57
 Fluorene
 Concen: 20.637 ng
 RT: 15.90 min Scan# 2144
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

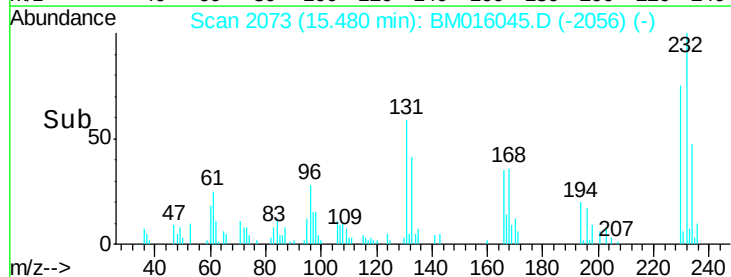
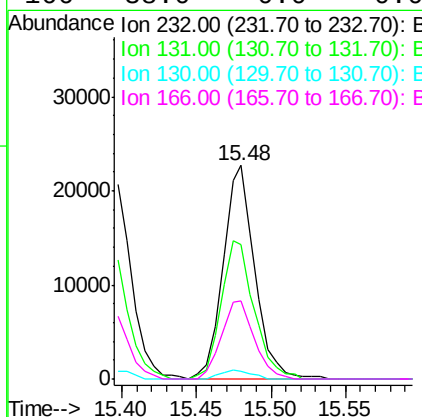
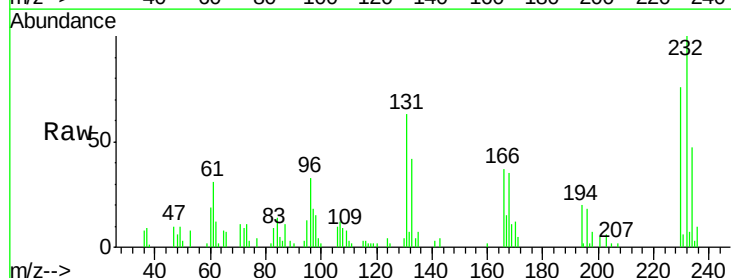
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

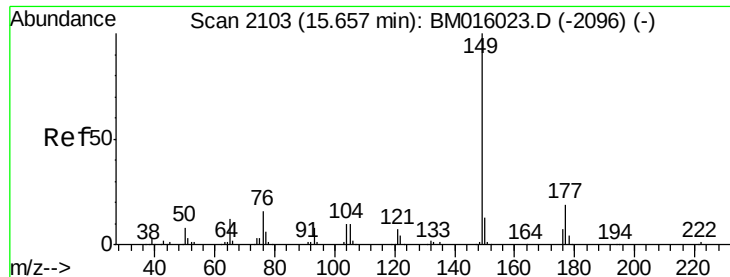
Tgt Ion:166 Resp: 137613
 Ion Ratio Lower Upper
 166 100
 165 101.9 79.0 118.4
 167 13.7 10.3 15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 20.708 ng
 RT: 15.48 min Scan# 2073
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:232 Resp: 33696
 Ion Ratio Lower Upper
 232 100
 131 67.2 0.0 0.0#
 130 4.0 0.0 0.0#
 166 38.0 0.0 0.0#

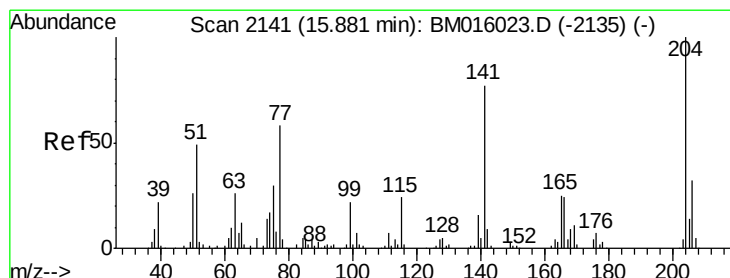
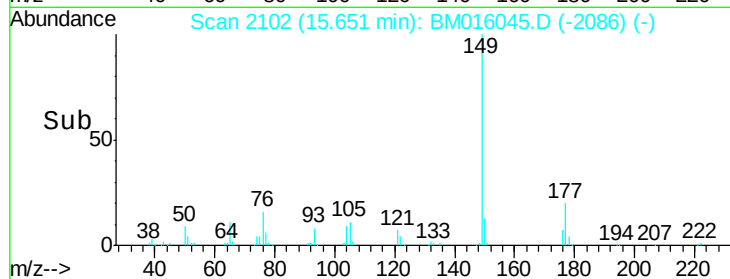
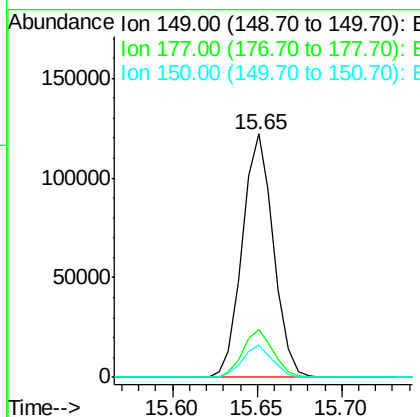
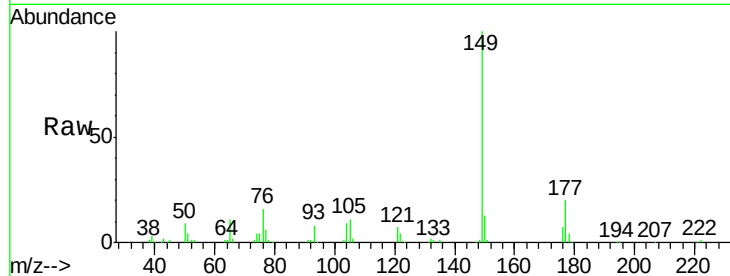




#59
Diethylphthalate
Concen: 19.232 ng
RT: 15.65 min Scan# 2102
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

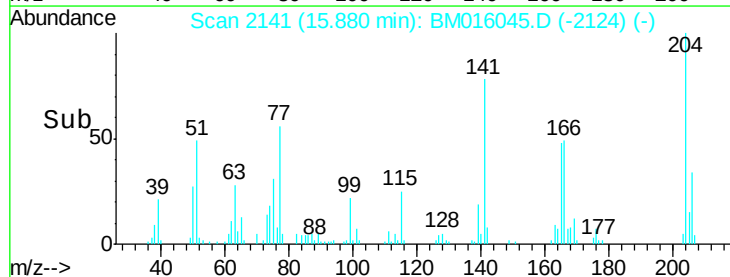
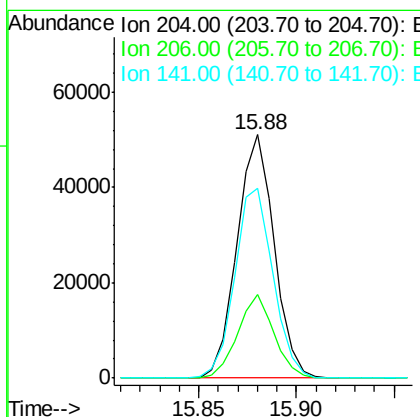
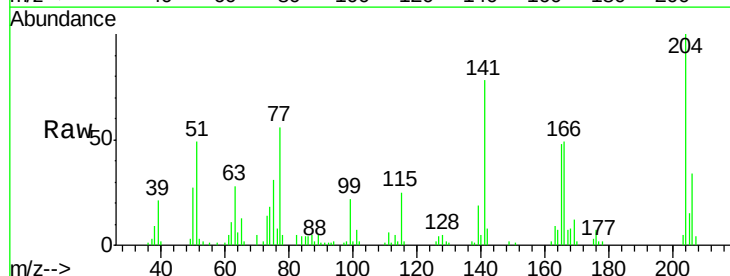
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

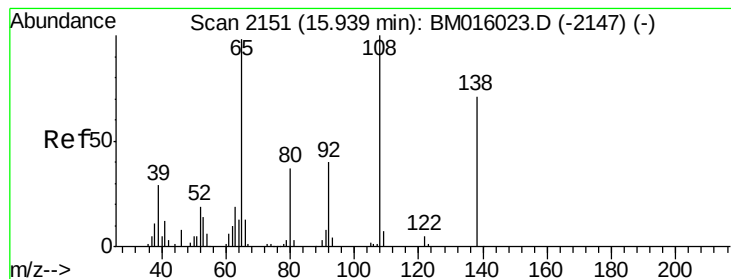
Tgt Ion:149 Resp: 156317
Ion Ratio Lower Upper
149 100
177 19.9 18.3 27.5
150 13.3 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 18.182 ng
RT: 15.88 min Scan# 2141
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:204 Resp: 67493
Ion Ratio Lower Upper
204 100
206 34.1 26.6 39.8
141 78.2 45.2 67.8#





#61

4-Nitroaniline

Concen: 15.657 ng

RT: 15.94 min Scan# 2151

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

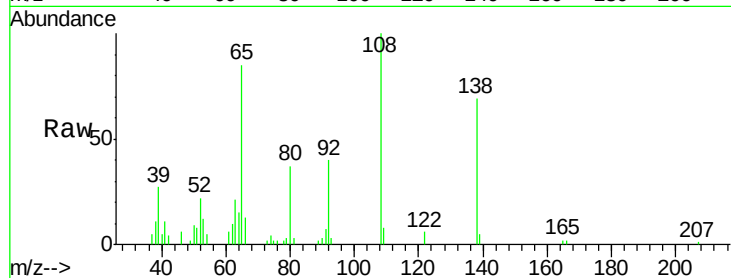
Tgt Ion:138 Resp: 24618

Ion Ratio Lower Upper

138 100

92 57.7 16.7 56.7#

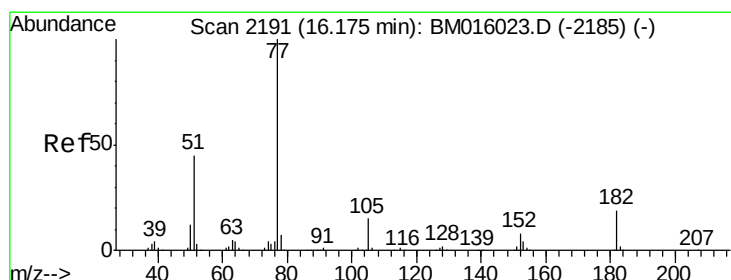
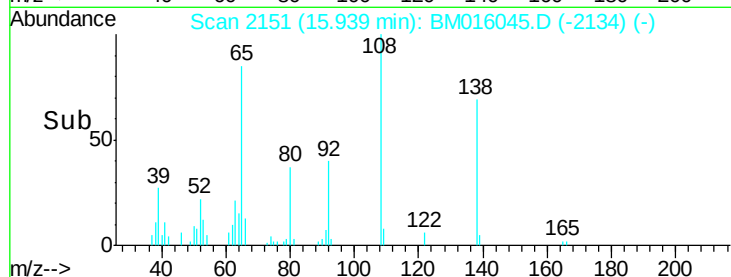
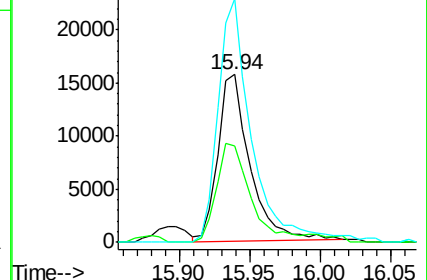
108 145.1 37.6 77.6#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 20.229 ng

RT: 16.17 min Scan# 2191

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Tgt Ion: 77 Resp: 173159

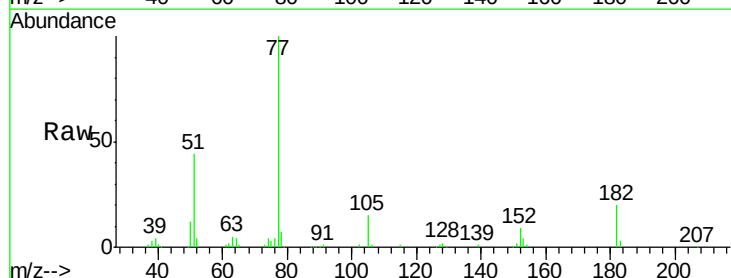
Ion Ratio Lower Upper

77 100

182 20.1 6.5 46.5

105 14.8 3.8 43.8

51 44.4 5.5 45.5

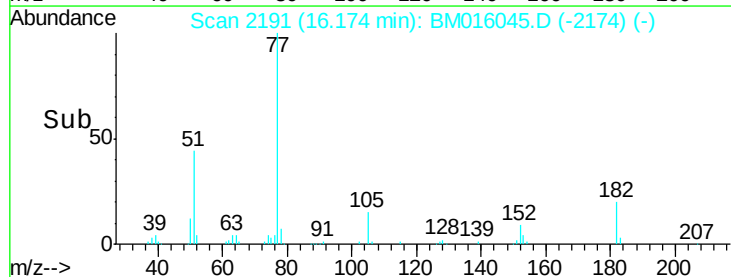
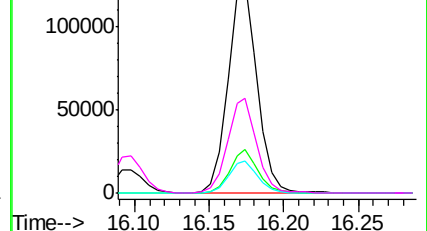


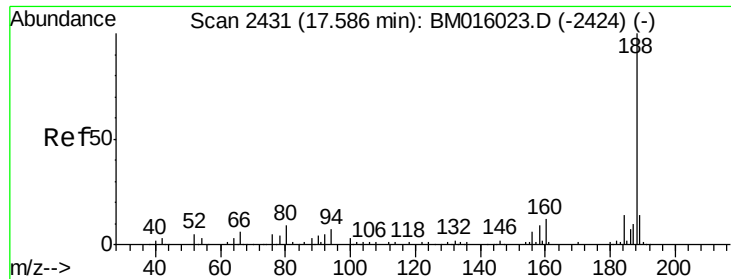
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0

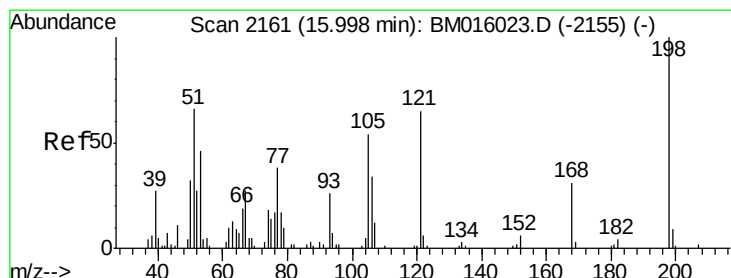
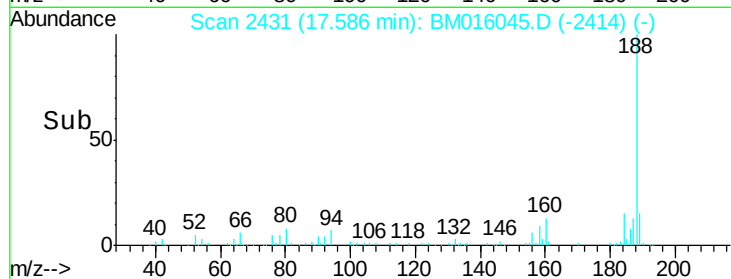
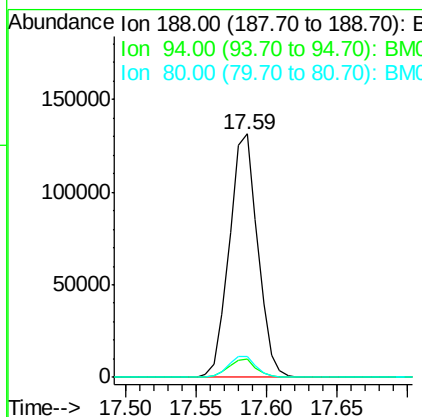
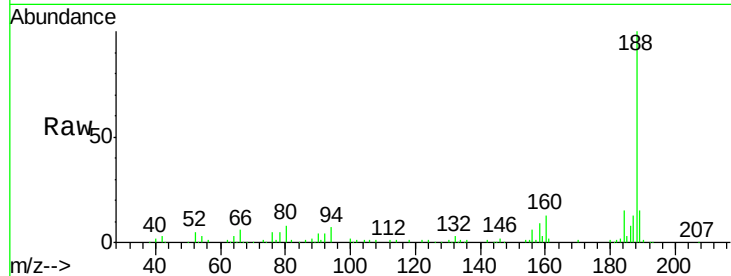




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.59 min Scan# 2431
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

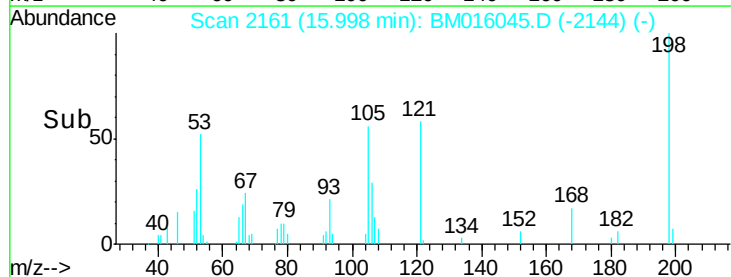
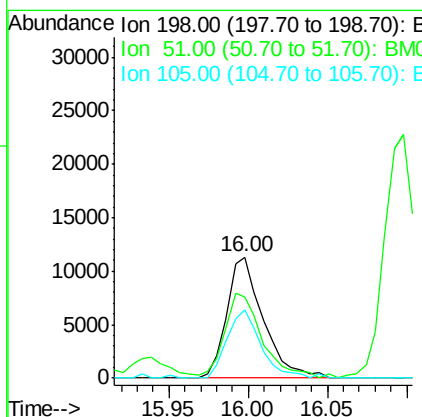
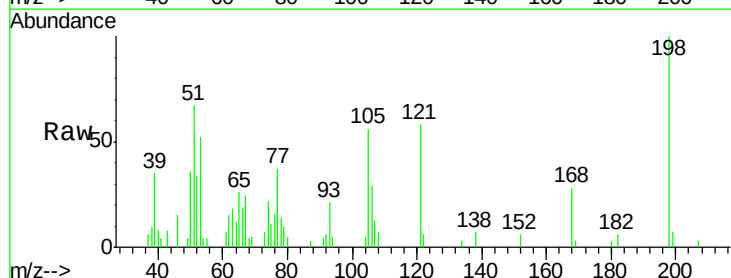
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

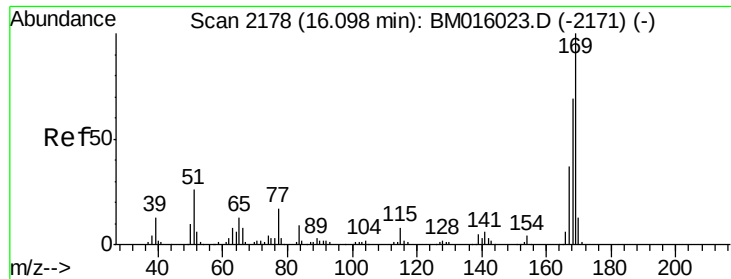
Tgt Ion:188 Resp: 183891
 Ion Ratio Lower Upper
 188 100
 94 7.4 8.7 13.1#
 80 8.4 9.3 13.9#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 16.073 ng
 RT: 16.00 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:198 Resp: 17940
 Ion Ratio Lower Upper
 198 100
 51 67.1 28.8 68.8
 105 55.9 30.5 70.5

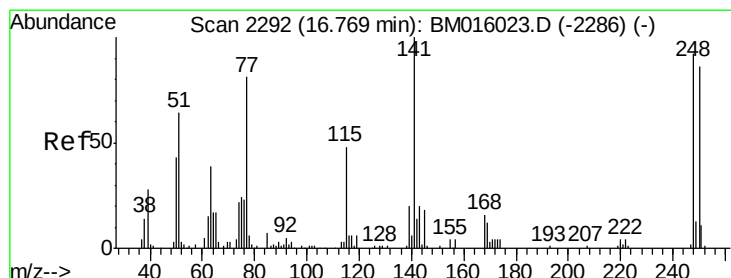
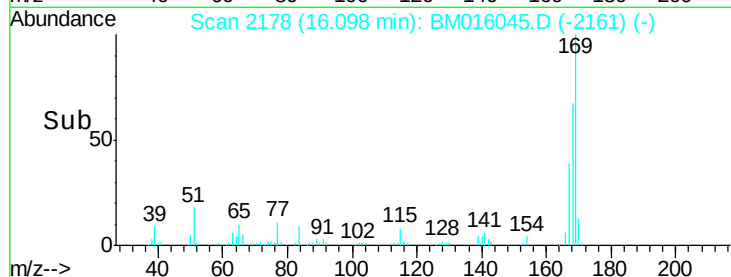
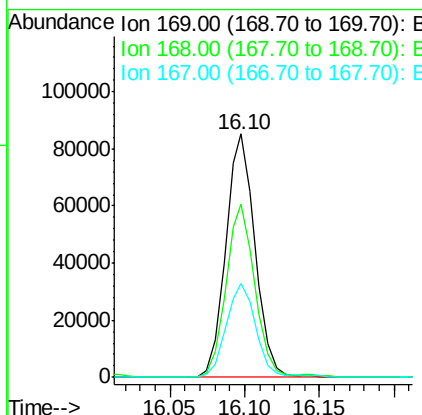
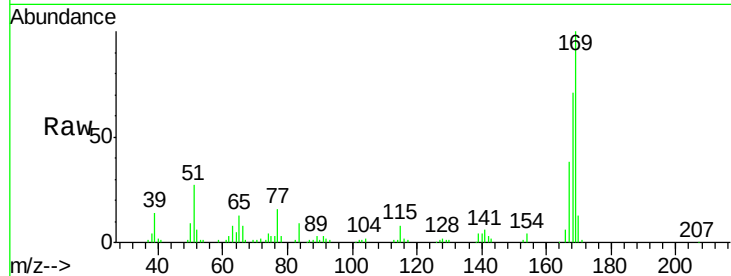




#65
 n-Nitrosodiphenylamine
 Concen: 19.270 ng
 RT: 16.10 min Scan# 2178
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

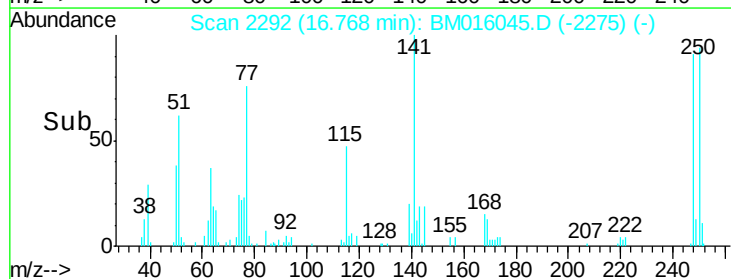
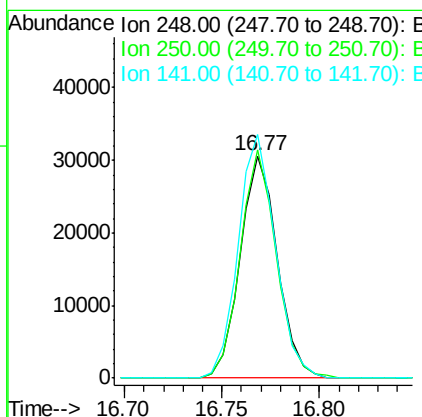
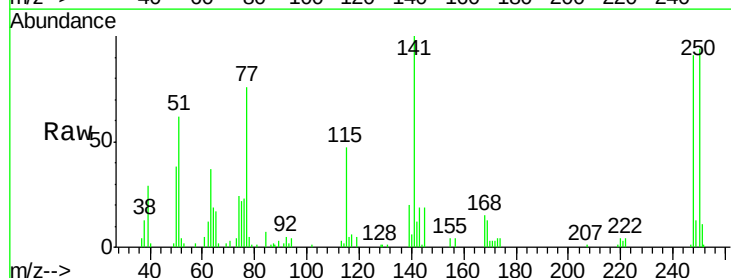
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

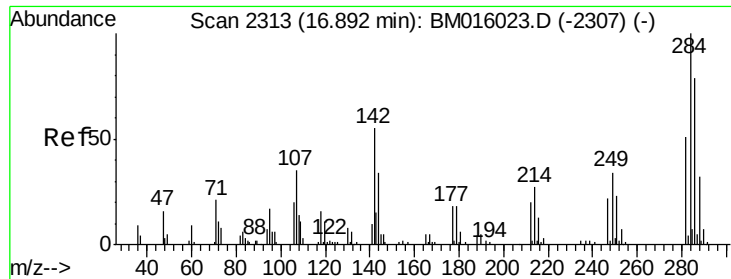
Tgt Ion:169 Resp: 116684
 Ion Ratio Lower Upper
 169 100
 168 70.9 53.9 80.9
 167 38.4 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 19.371 ng
 RT: 16.77 min Scan# 2292
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:248 Resp: 40336
 Ion Ratio Lower Upper
 248 100
 250 102.7 77.4 116.0
 141 109.7 45.2 67.8#





#67

Hexachlorobenzene

Concen: 18.554 ng

RT: 16.89 min Scan# 2313

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

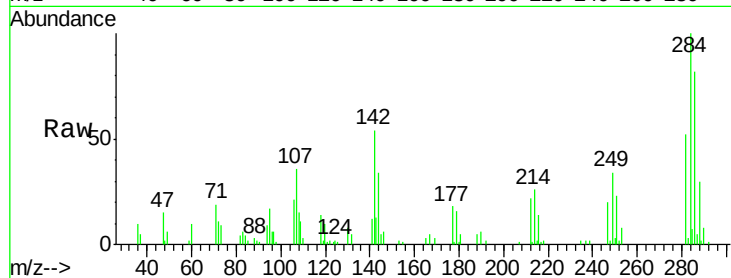
Tgt Ion:284 Resp: 42547

Ion Ratio Lower Upper

284 100

142 53.6 20.4 30.6#

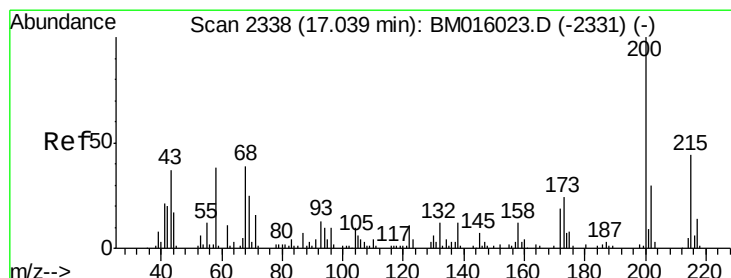
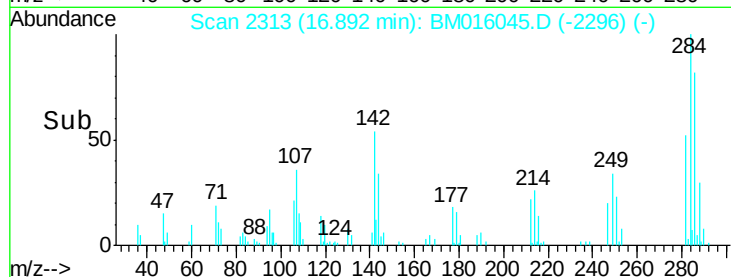
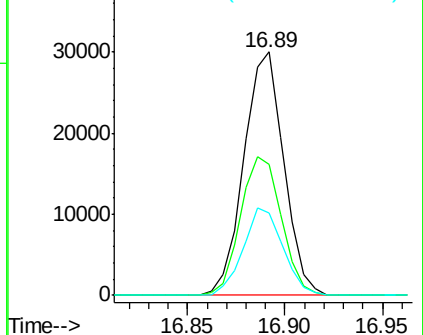
249 33.7 23.8 35.6



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 18.962 ng

RT: 17.03 min Scan# 2337

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

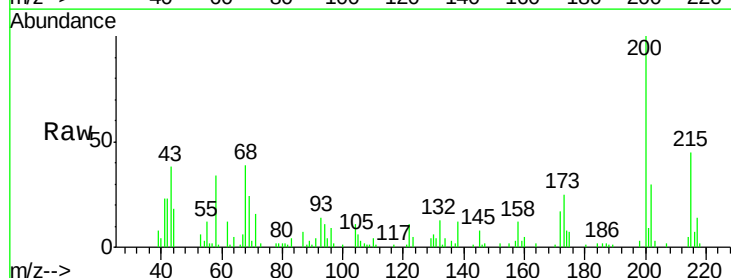
Tgt Ion:200 Resp: 41152

Ion Ratio Lower Upper

200 100

173 24.6 4.8 44.8

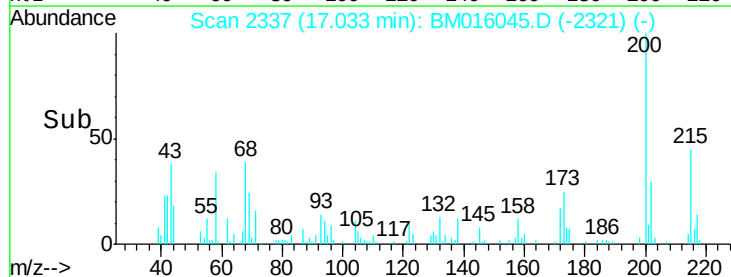
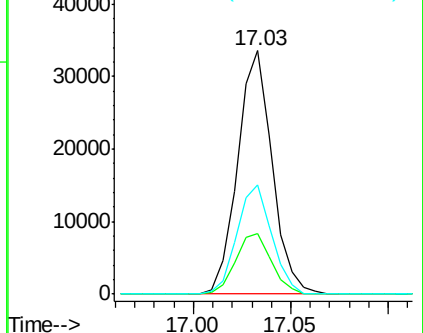
215 45.0 26.9 66.9

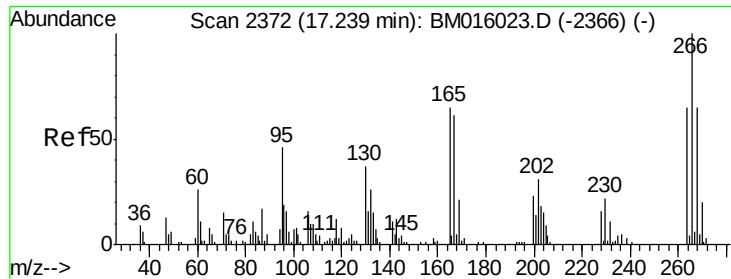


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

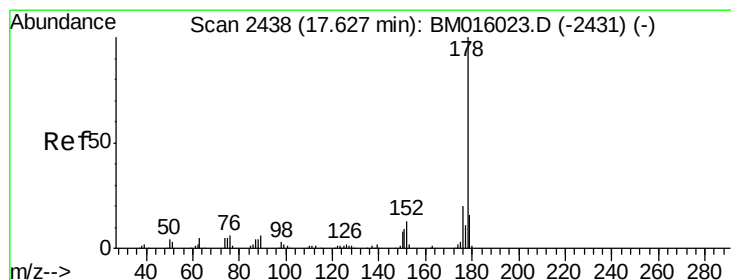
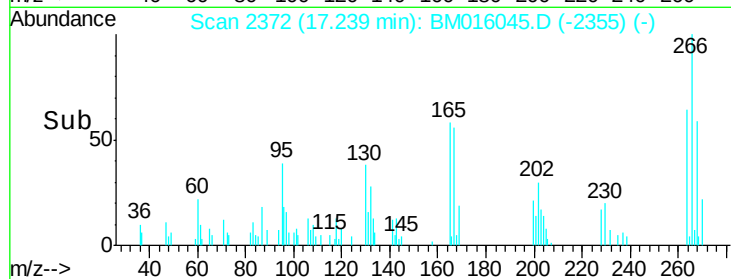
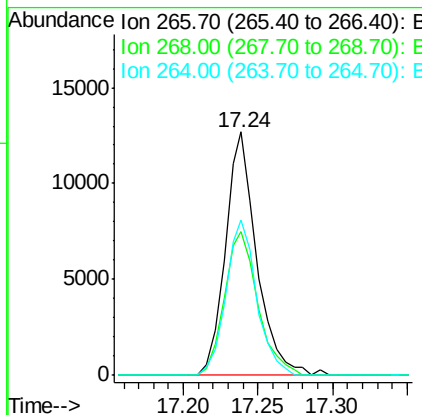
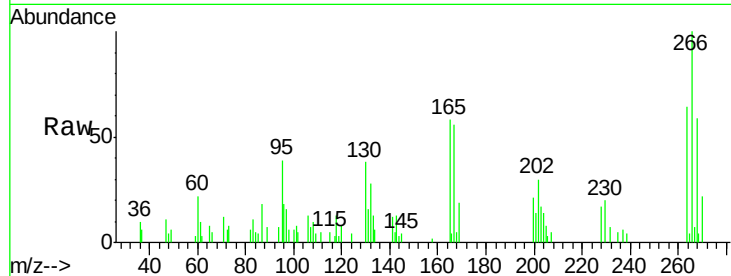




#69
 Pentachlorophenol
 Concen: 13.103 ng
 RT: 17.24 min Scan# 2372
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

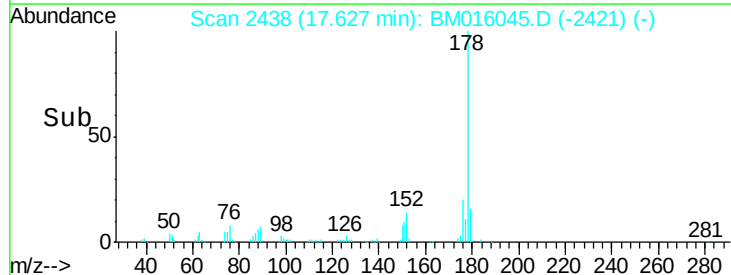
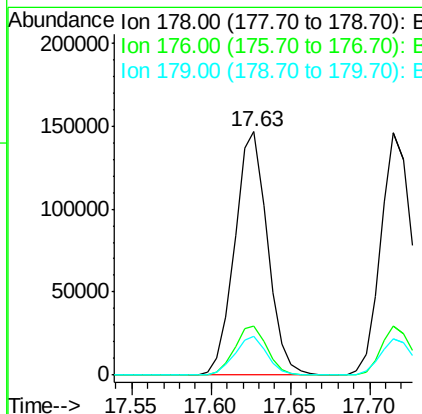
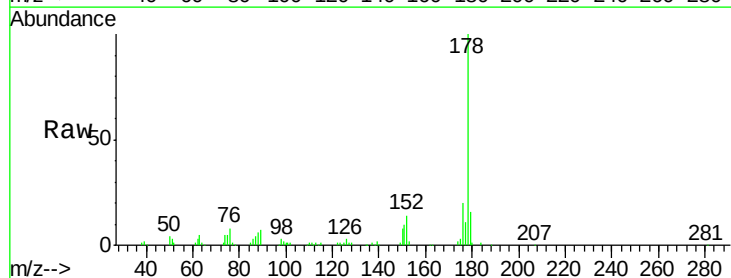
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

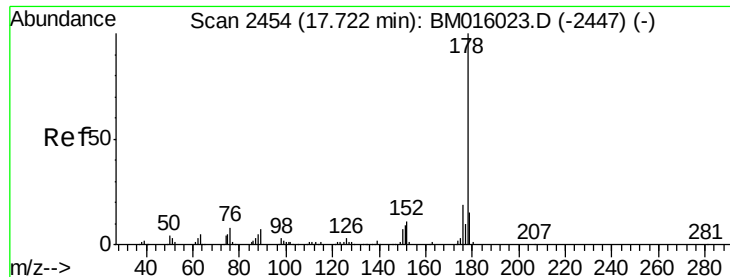
Tgt Ion:266 Resp: 18606
 Ion Ratio Lower Upper
 266 100
 268 62.6 52.0 78.0
 264 63.9 49.0 73.4



#70
 Phenanthrene
 Concen: 20.393 ng
 RT: 17.63 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:178 Resp: 209949
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.2 22.8
 179 15.7 12.1 18.1

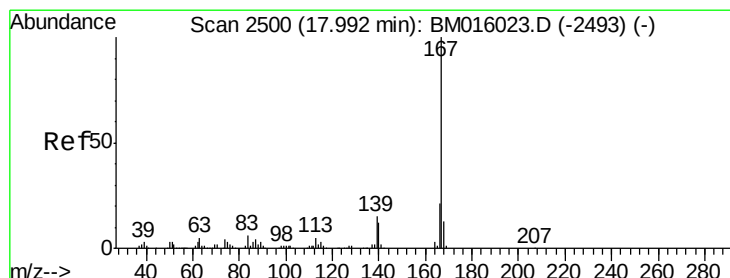
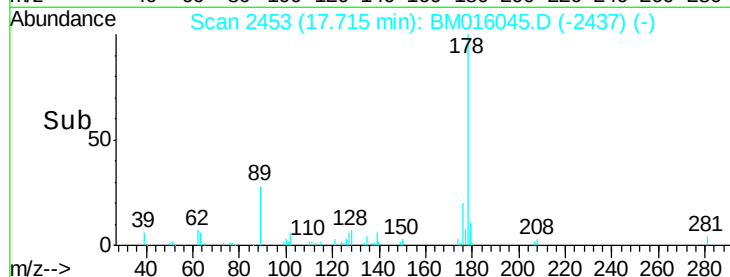
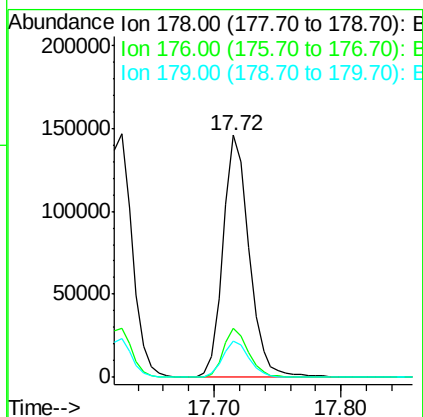
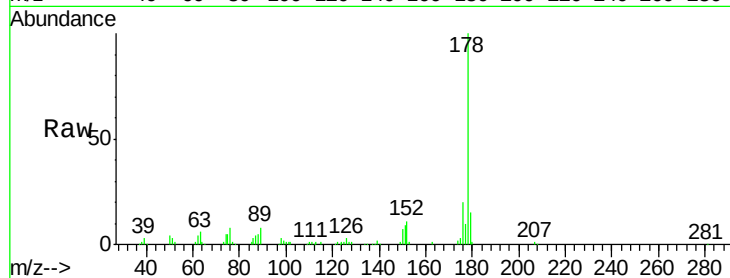




#71
 Anthracene
 Concen: 20.916 ng
 RT: 17.72 min Scan# 2453
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

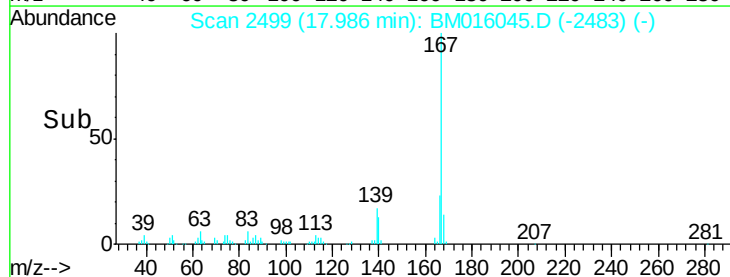
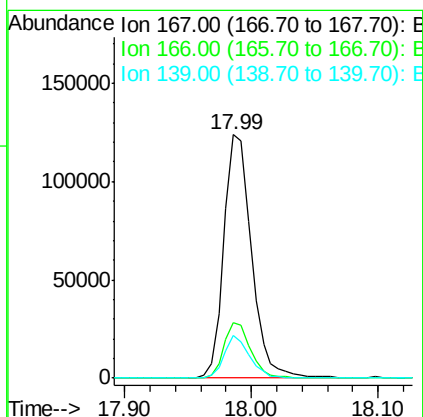
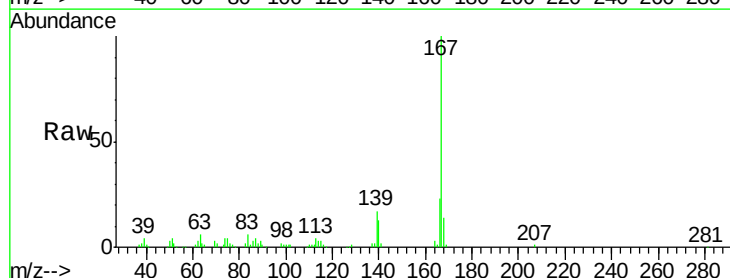
Instrument :
 BNA_M
 ClientSampleId :
 LOQ-WATER-02-QT3-2018

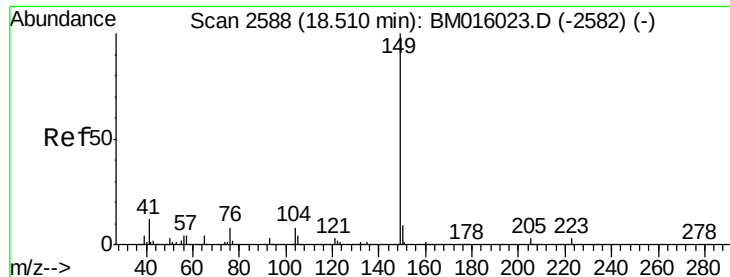
Tgt Ion:178 Resp: 209284
 Ion Ratio Lower Upper
 178 100
 176 20.3 14.6 22.0
 179 15.2 12.6 19.0



#72
 Carbazole
 Concen: 18.079 ng
 RT: 17.99 min Scan# 2499
 Delta R.T. -0.01 min
 Lab File: BM016045.D
 Acq: 24 Jul 2018 02:58

Tgt Ion:167 Resp: 187409
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.2 25.8
 139 17.3 10.8 16.2#

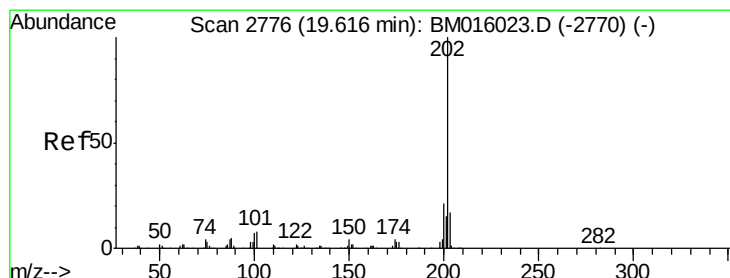
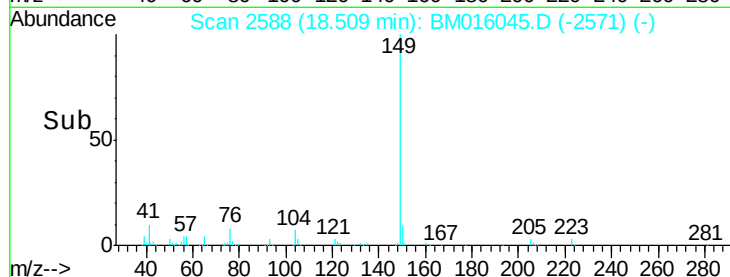
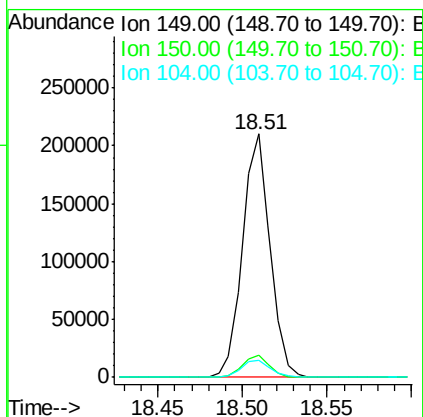
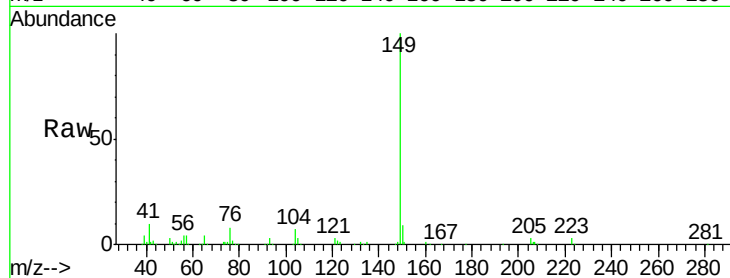




#73
Di-n-butylphthalate
Concen: 18.462 ng
RT: 18.51 min Scan# 2588
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

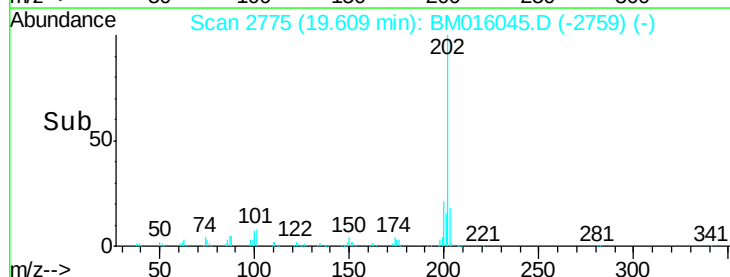
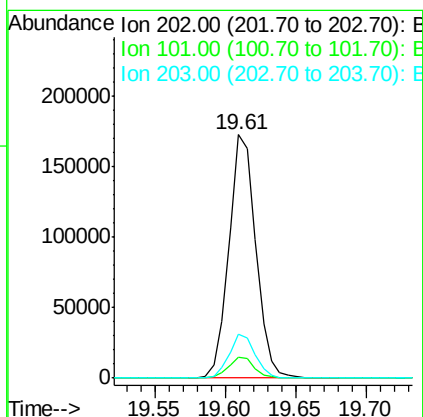
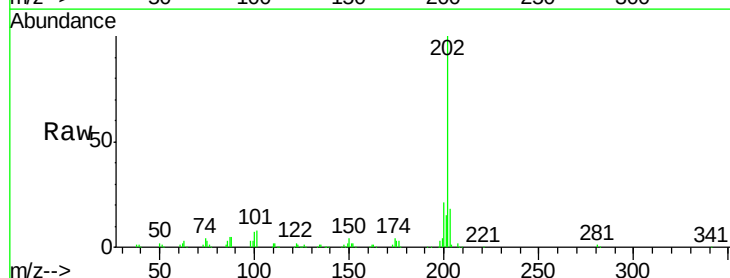
Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

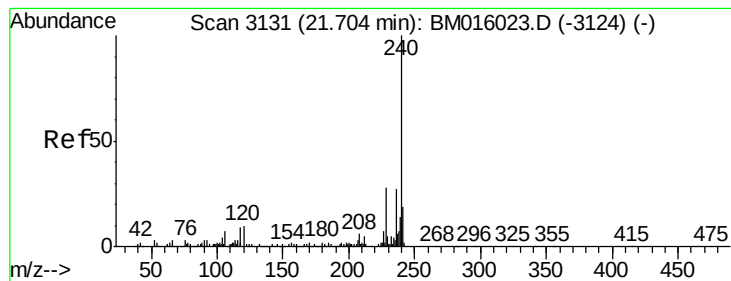
Tgt Ion:149 Resp: 238465
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 7.0 3.7 5.5#



#74
Fluoranthene
Concen: 19.983 ng
RT: 19.61 min Scan# 2775
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:202 Resp: 229493
Ion Ratio Lower Upper
202 100
101 8.4 0.0 28.7
203 18.0 0.0 37.2





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3130

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

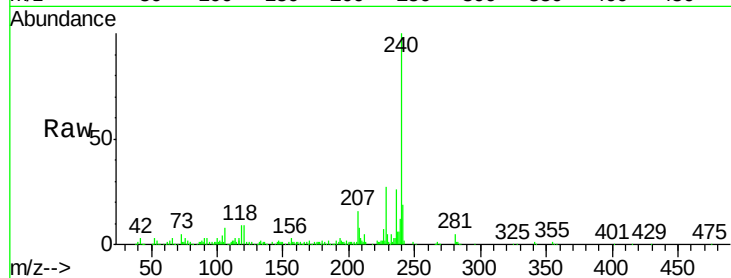
Tgt Ion:240 Resp: 195354

Ion Ratio Lower Upper

240 100

120 9.0 8.2 12.2

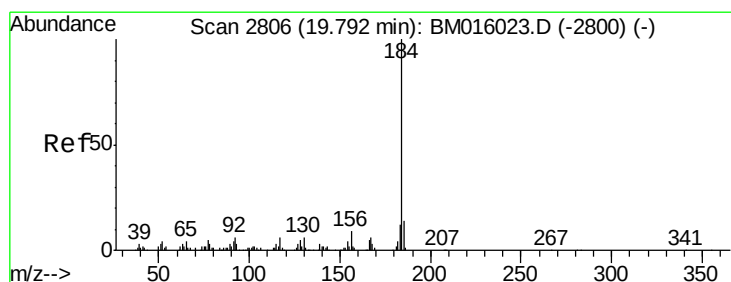
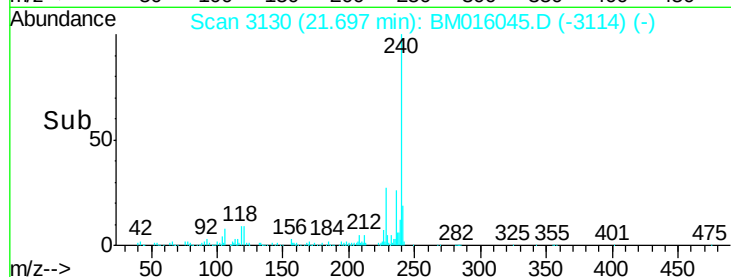
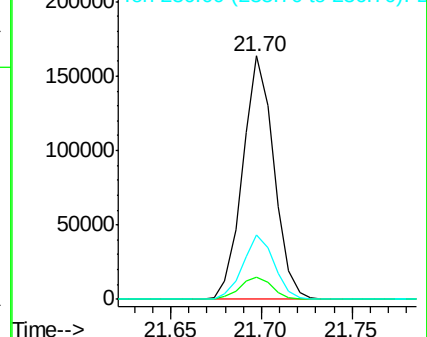
236 26.2 20.0 30.0



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: 13.365 ng

RT: 19.79 min Scan# 2806

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

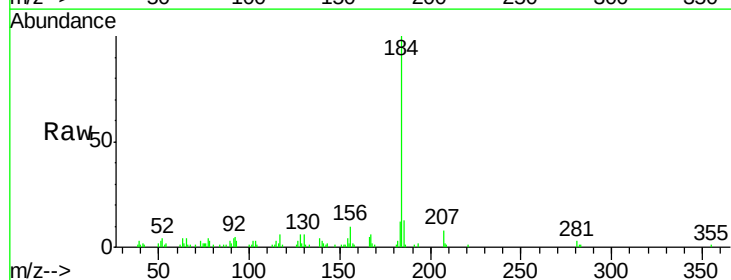
Tgt Ion:184 Resp: 72960

Ion Ratio Lower Upper

184 100

185 13.3 11.3 16.9

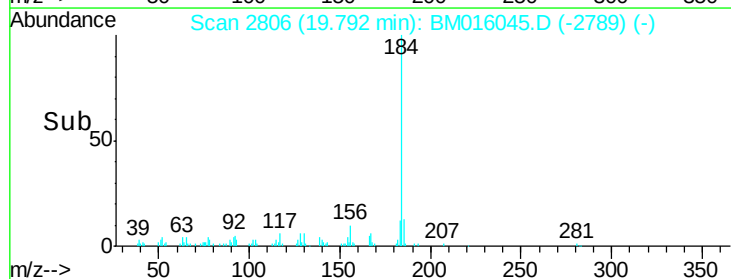
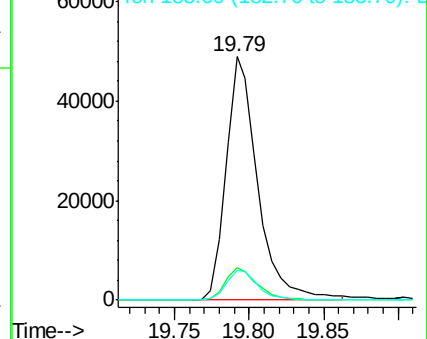
183 12.2 8.9 13.3

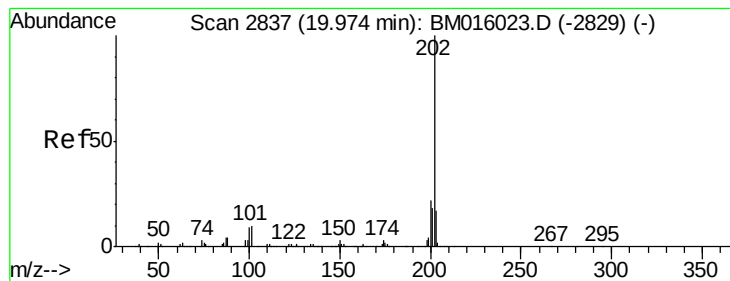


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 20.477 ng

RT: 19.97 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

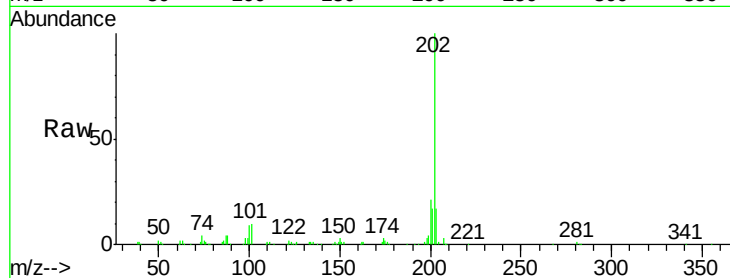
Tgt Ion:202 Resp: 239725

Ion Ratio Lower Upper

202 100

200 20.9 16.9 25.3

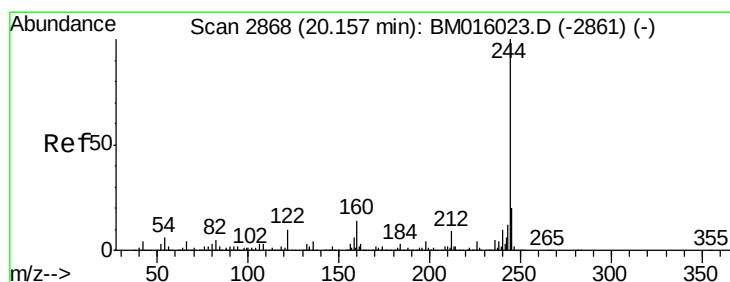
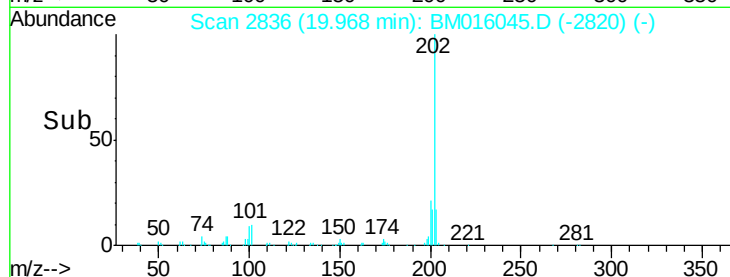
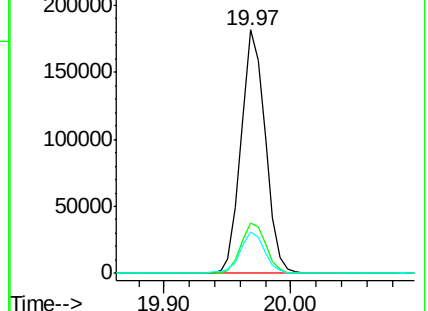
203 17.1 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 20.477 ng

RT: 20.15 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

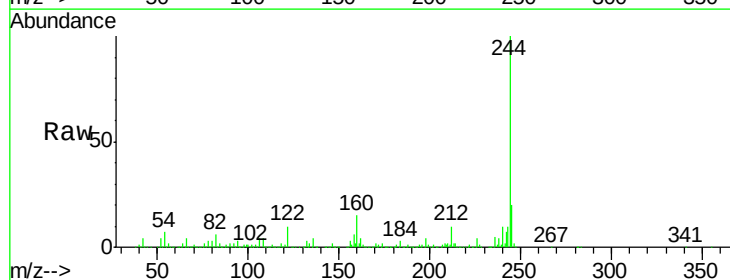
Tgt Ion:244 Resp: 1137273

Ion Ratio Lower Upper

244 100

212 9.6 4.9 7.3#

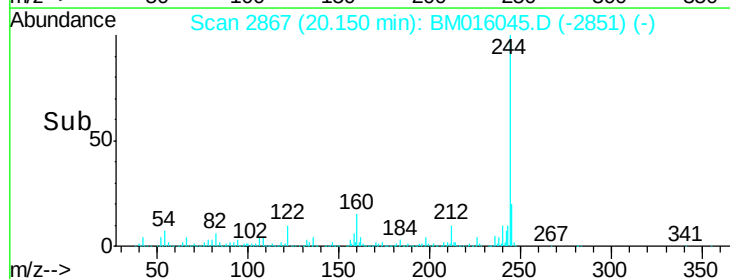
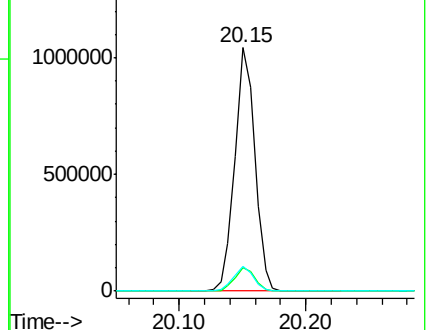
122 10.3 6.2 9.4#

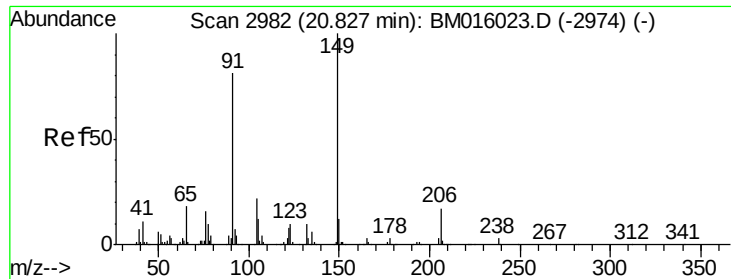


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

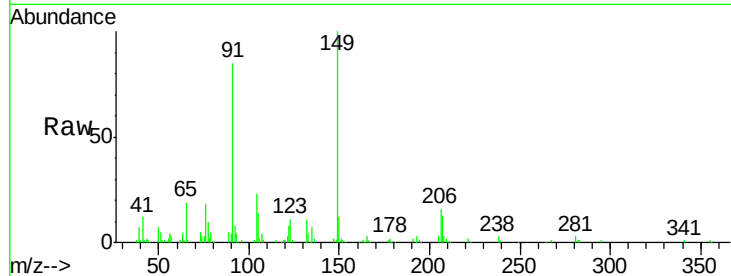




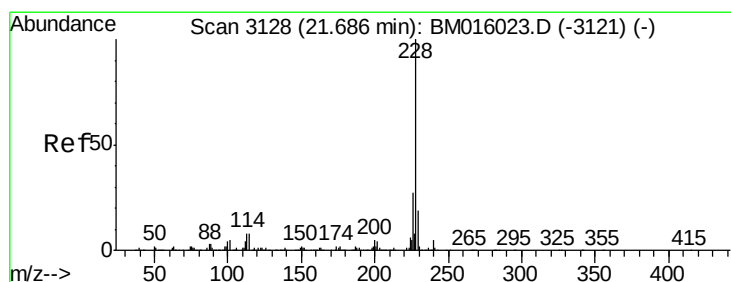
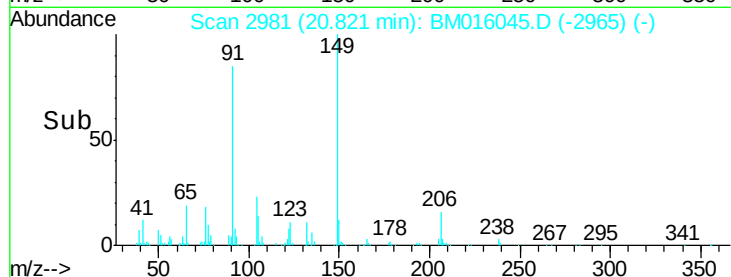
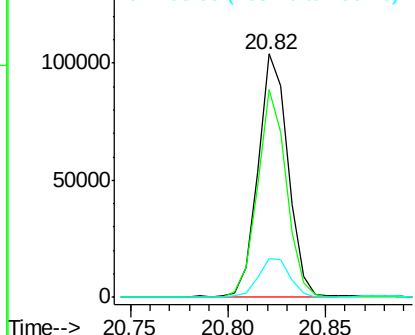
#79
Butylbenzylphthalate
Concen: 18.654 ng
RT: 20.82 min Scan# 2981
Delta R.T. -0.01 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2018

Tgt Ion:149 Resp: 110937
Ion Ratio Lower Upper
149 100
91 85.2 50.1 75.1#
206 16.0 16.2 24.2#

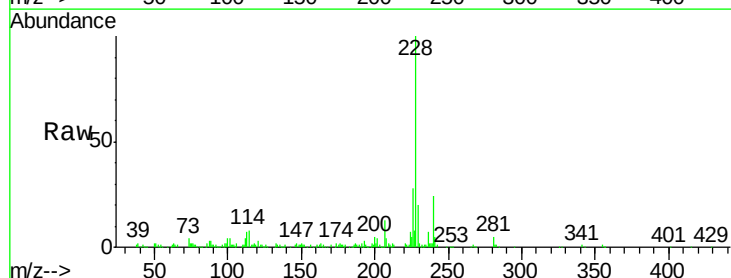


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM016045.D (-2965) (-)
Ion 206.00 (205.70 to 206.70): E

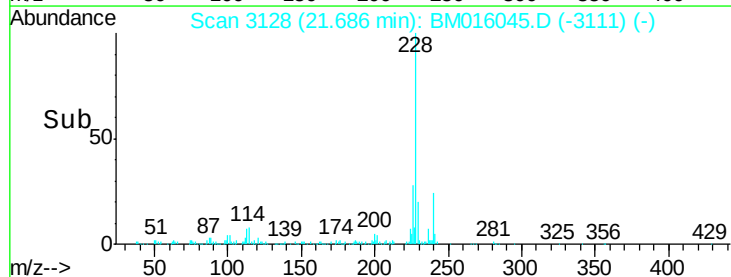
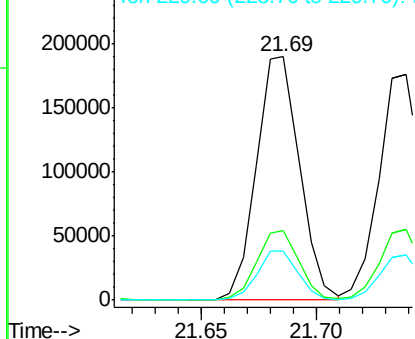


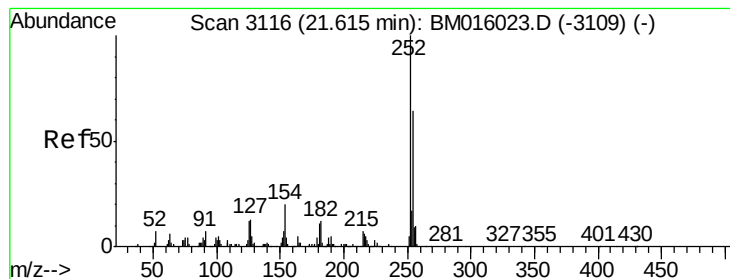
#80
Benzo(a)anthracene
Concen: 20.577 ng
RT: 21.69 min Scan# 3128
Delta R.T. -0.00 min
Lab File: BM016045.D
Acq: 24 Jul 2018 02:58

Tgt Ion:228 Resp: 247577
Ion Ratio Lower Upper
228 100
226 28.3 21.7 32.5
229 20.0 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 11.005 ng

RT: 21.61 min Scan# 3115

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

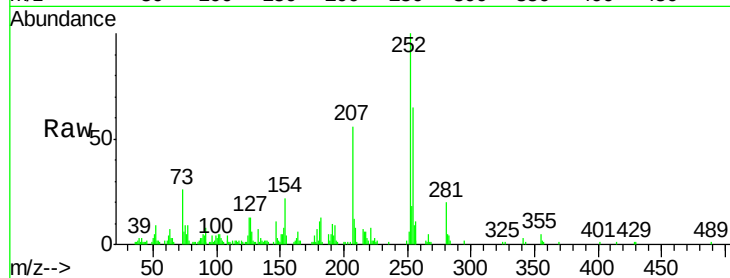
Tgt Ion:252 Resp: 53332

Ion Ratio Lower Upper

252 100

254 64.7 51.9 77.9

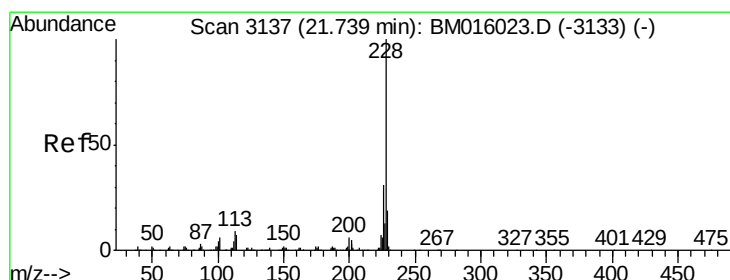
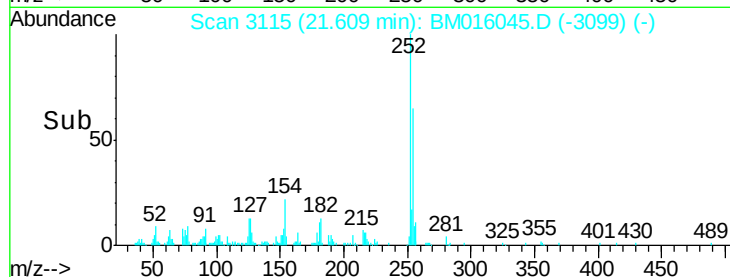
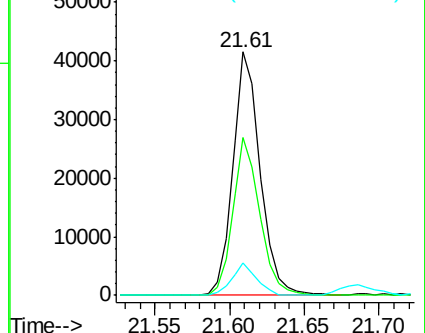
126 13.3 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 20.345 ng

RT: 21.74 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

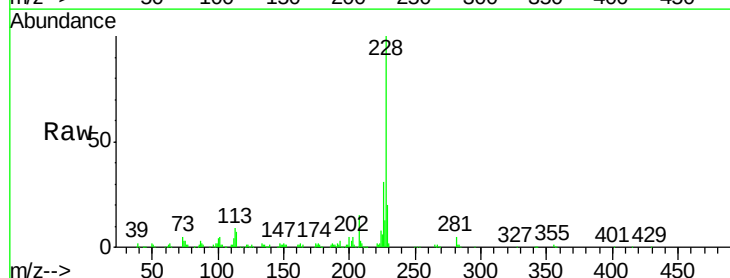
Tgt Ion:228 Resp: 234820

Ion Ratio Lower Upper

228 100

226 31.1 24.1 36.1

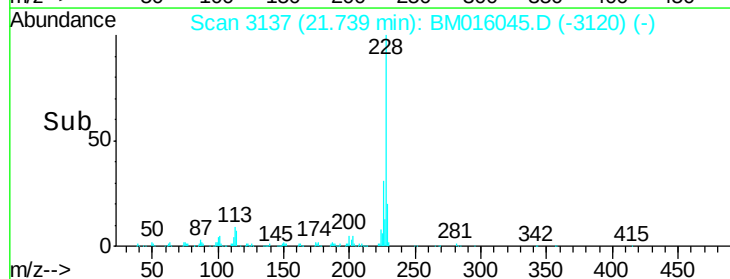
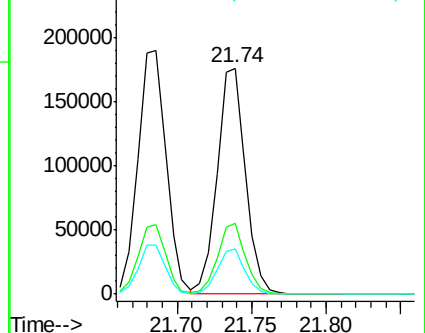
229 20.1 15.5 23.3

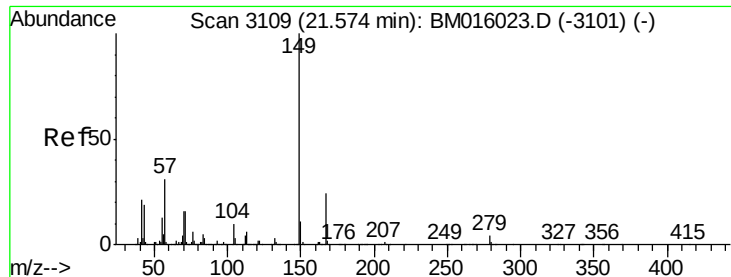


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.191 ng

RT: 21.57 min Scan# 3108

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

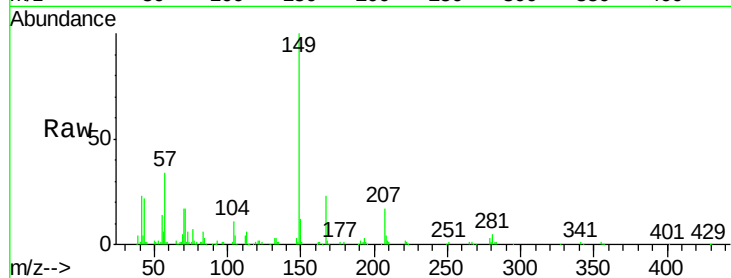
Tgt Ion:149 Resp: 156785

Ion Ratio Lower Upper

149 100

167 23.1 22.4 33.6

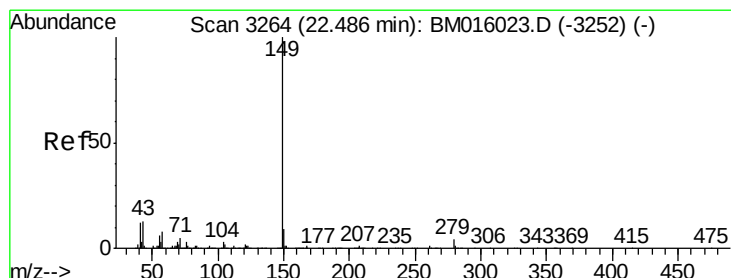
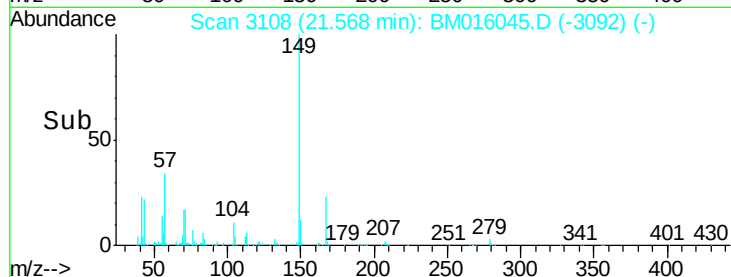
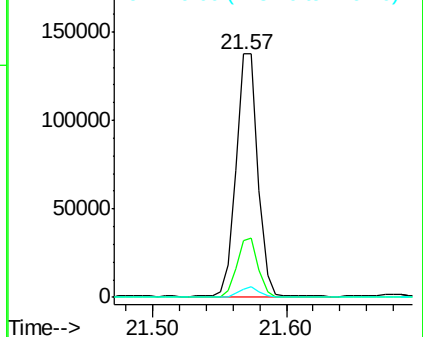
279 3.4 3.4 5.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 18.843 ng

RT: 22.48 min Scan# 3263

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

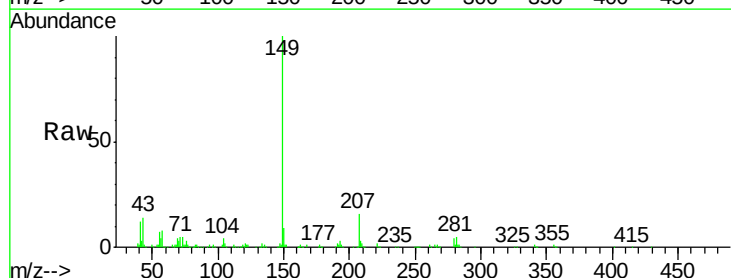
Tgt Ion:149 Resp: 272959

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

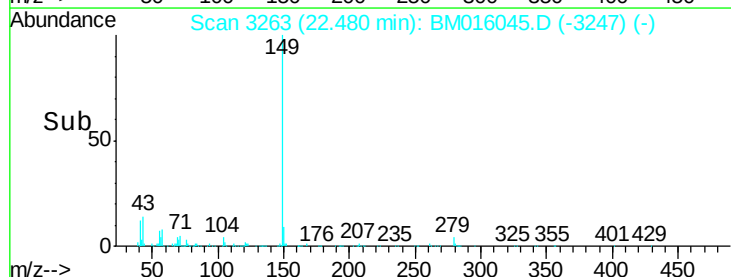
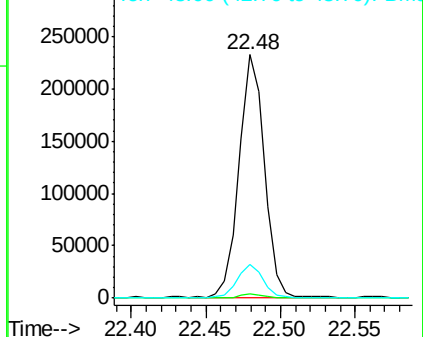
43 14.0 7.3 10.9#

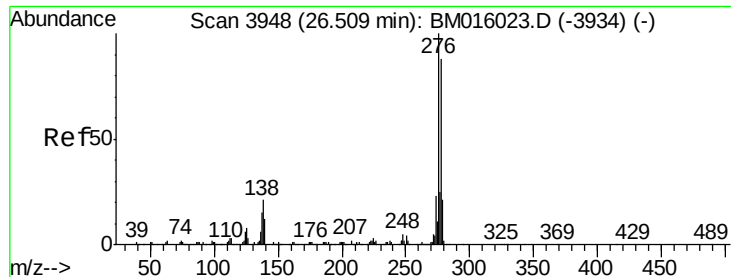


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM0





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.974 ng

RT: 26.50 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

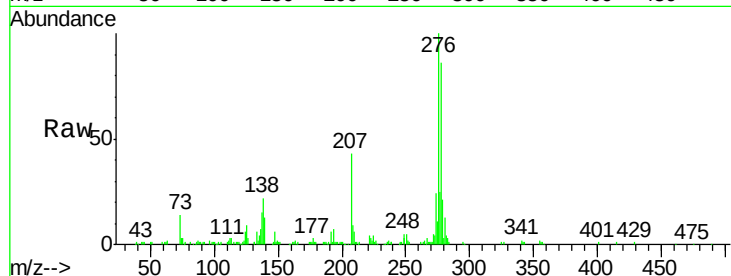
Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

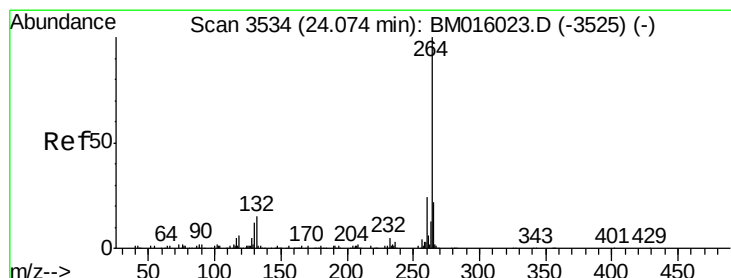
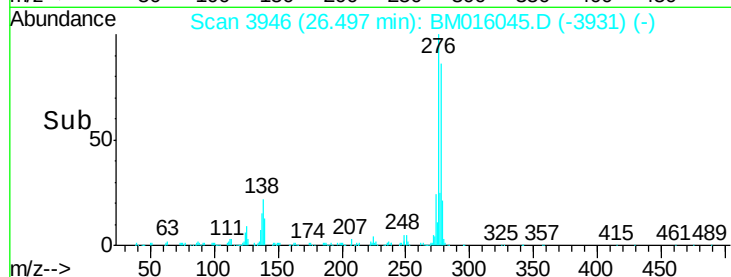
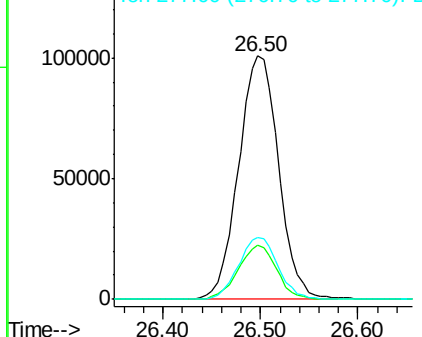
Tgt Ion:	276	Resp:	287265
Ion	Ratio	Lower	Upper
276	100		
138	21.4	12.0	18.0#
277	25.0	20.0	30.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

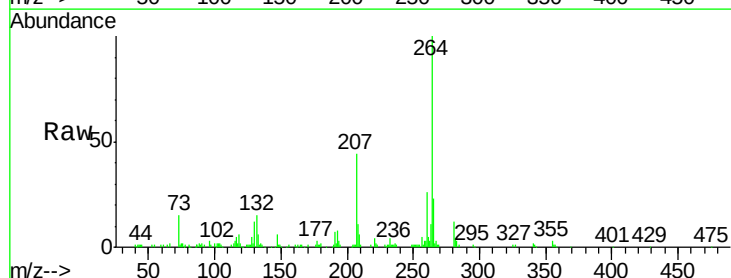
RT: 24.07 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

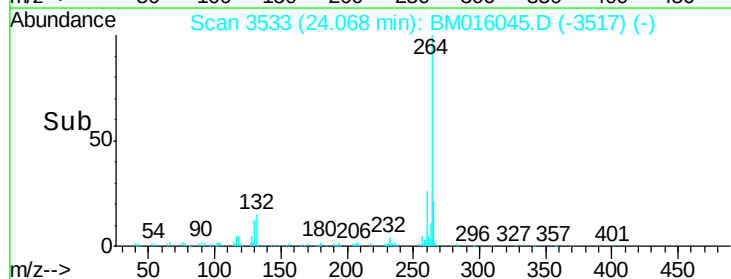
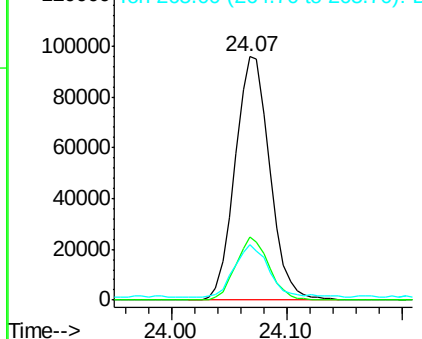
Tgt Ion:	264	Resp:	200472
Ion	Ratio	Lower	Upper
264	100		
260	25.7	18.6	27.8
265	22.8	17.3	25.9

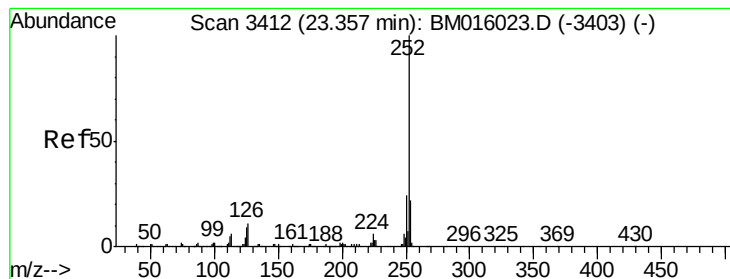


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 21.285 ng

RT: 23.35 min Scan# 3411

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

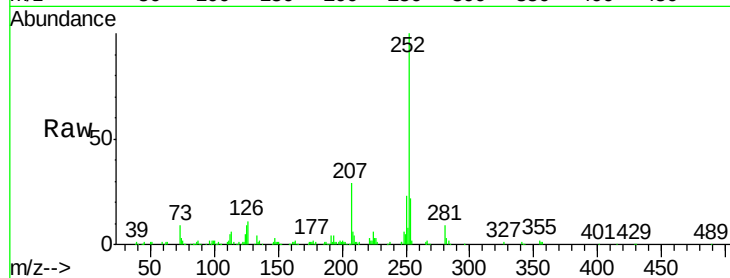
Instrument :

BNA_M

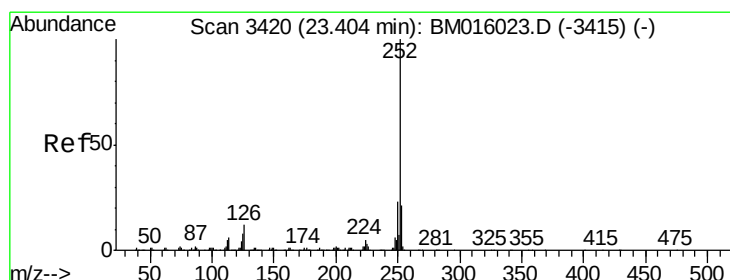
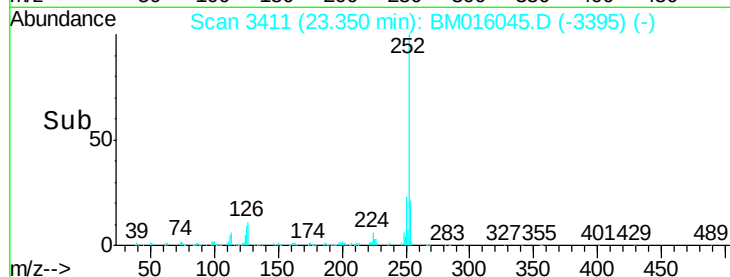
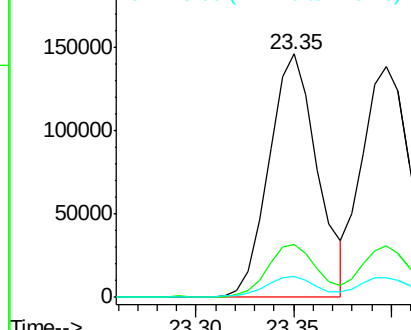
ClientSampleId :

LOQ-WATER-02-QT3-2018

Tgt Ion:	252	Resp:	251234
Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	8.7	9.9	14.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 20.003 ng

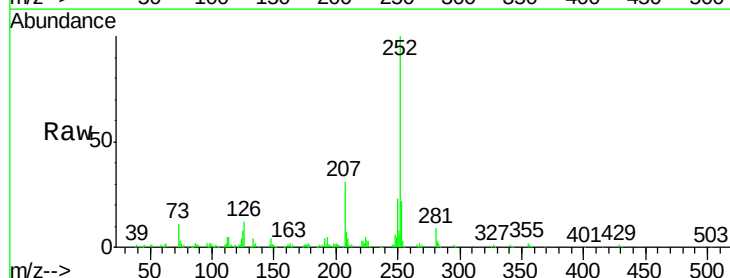
RT: 23.40 min Scan# 3419

Delta R.T. -0.01 min

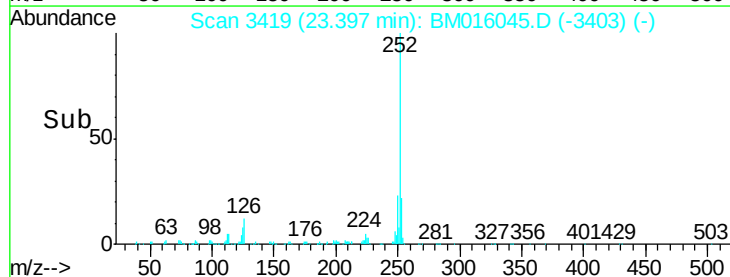
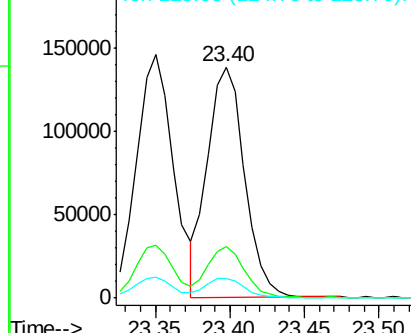
Lab File: BM016045.D

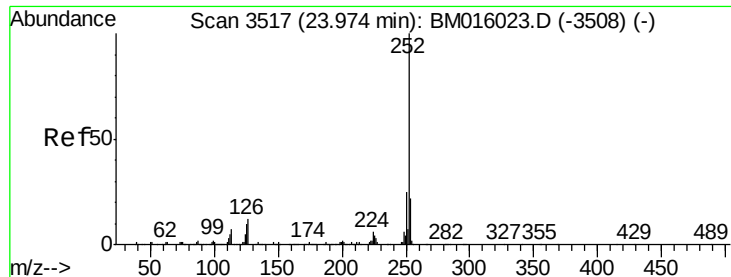
Acq: 24 Jul 2018 02:58

Tgt Ion:	252	Resp:	239281
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.2	25.8
125	8.4	8.1	12.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 21.137 ng

RT: 23.97 min Scan# 3516

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

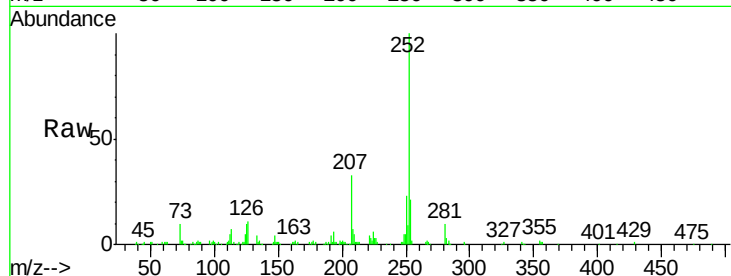
Tgt Ion:252 Resp: 239844

Ion Ratio Lower Upper

252 100

253 21.1 17.6 26.4

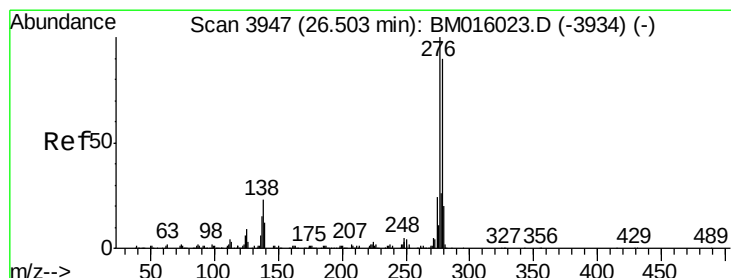
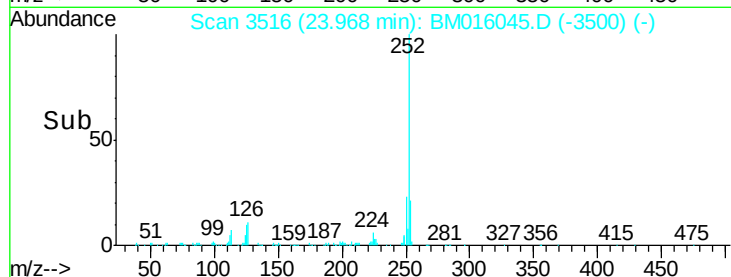
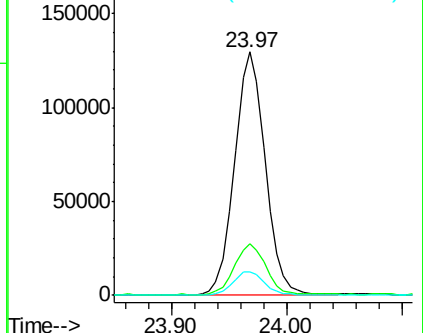
125 9.9 7.4 11.2



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: 20.713 ng

RT: 26.50 min Scan# 3946

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

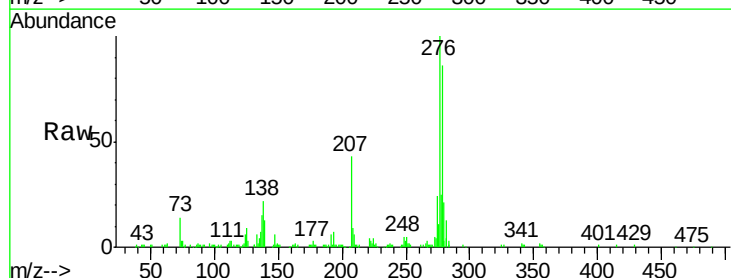
Tgt Ion:278 Resp: 243513

Ion Ratio Lower Upper

278 100

139 14.8 13.4 20.0

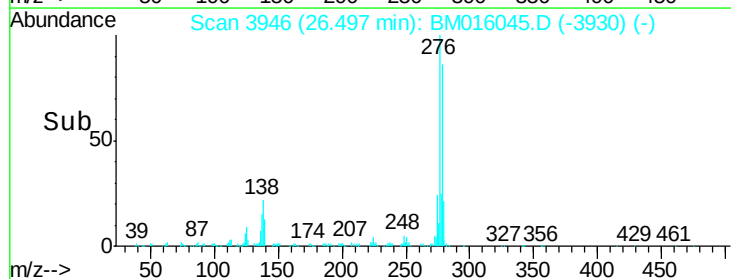
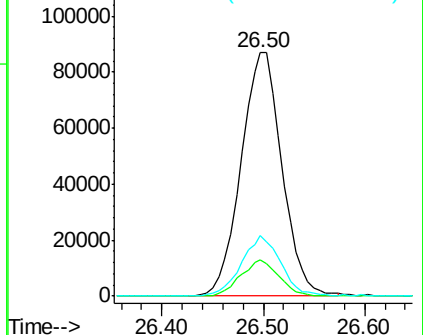
279 24.8 19.0 28.4

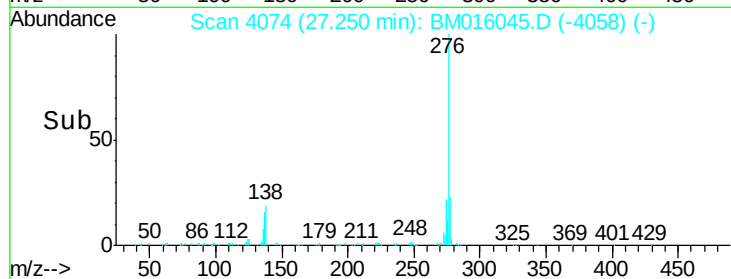
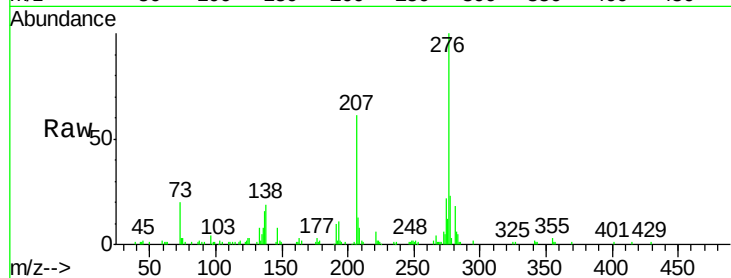
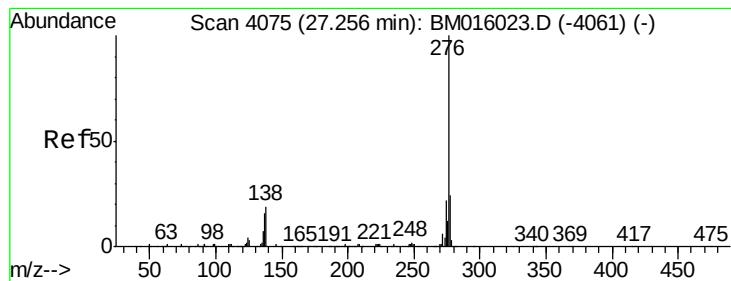


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 20.757 ng

RT: 27.25 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BM016045.D

Acq: 24 Jul 2018 02:58

Instrument :

BNA_M

ClientSampleId :

LOQ-WATER-02-QT3-2018

Tgt Ion: 276 Resp: 230796

Ion Ratio Lower Upper

276 100

277 23.3 18.5 27.7

138 18.6 19.0 28.6#

