

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096736.D
 Acq On : 13 Jul 2017 19:12
 Operator : SJ/JU
 Sample : I3757-06
 Misc : 20PPM L00
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

Quant Time: Jul 14 01:09:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	94728	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	397028	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	175337	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	289863	20.00	ng	0.00
75) Chrysene-d12	13.77	240	174412	20.00	ng	0.00
86) Perylene-d12	15.15	264	141574	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.24	112	711966	113.01	ng	0.00
7) Phenol-d6	6.28	99	861508	113.95	ng	0.00
23) Nitrobenzene-d5	7.20	82	545791	85.15	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	175692	117.39	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	952808	85.86	ng	0.00
78) Terphenyl-d14	12.73	244	743428	73.92	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.23	88	76830	23.70	ng	# 83
3) Pyridine	2.93	79	134537	19.75	ng	# 61
4) n-Nitrosodimethylamine	2.83	42	75784	19.89	ng	# 77
6) Aniline	6.30	93	183894	19.75	ng	# 90
8) 2-Chlorophenol	6.42	128	137889	20.29	ng	98
9) Benzaldehyde	6.17	77	70713	16.18	ng	97
10) Phenol	6.29	94	167974	19.65	ng	78
11) bis(2-Chloroethyl)ether	6.37	93	126389	19.67	ng	91
12) 1,3-Dichlorobenzene	6.57	146	149677	20.72	ng	97
13) 1,4-Dichlorobenzene	6.65	146	153612	21.00	ng	96
14) 1,2-Dichlorobenzene	6.80	146	141837	21.31	ng	98
15) Benzyl Alcohol	6.77	79	105756	21.37	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	262617	19.80	ng	90
17) 2-Methylphenol	6.90	107	105140	19.89	ng	96
18) Hexachloroethane	7.15	117	52735	20.33	ng	# 82
19) n-Nitroso-di-n-propylamine	7.05	70	90870	19.95	ng	# 81
20) 3+4-Methylphenols	7.05	107	133404	20.80	ng	# 83
22) Acetophenone	7.05	105	180089	20.29	ng	# 96
24) Nitrobenzene	7.22	77	134963	20.36	ng	91
25) Isophorone	7.46	82	234853	19.70	ng	96
26) 2-Nitrophenol	7.53	139	74839	20.30	ng	90
27) 2,4-Dimethylphenol	7.58	122	121163	19.98	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	158901	19.72	ng	99
29) 2,4-Dichlorophenol	7.77	162	109881	20.02	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	108719	20.83	ng	99
31) Naphthalene	7.94	128	393414	20.92	ng	99
32) Benzoic acid	7.69	122	78433	20.24	ng	92
33) 4-Chloroaniline	7.99	127	155011	20.80	ng	98
34) Hexachlorobutadiene	8.06	225	59806	21.47	ng	96
35) Caprolactam	8.34	113	32945	18.73	ng	# 55
36) 4-Chloro-3-methylphenol	8.47	107	119933	20.32	ng	91
37) 2-Methylnaphthalene	8.63	142	251982	21.01	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	104140	21.97	ng	99
40) Hexachlorocyclopentadiene	8.79	237	27546	19.47	ng	90

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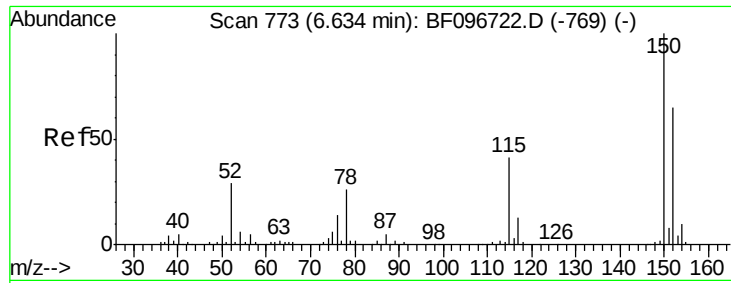
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	72623	20.77	nq	97
43) 2,4,5-Trichlorophenol	8.95	196	73726	20.91	nq	# 90
45) 1,1'-Biphenyl	9.09	154	331700	22.06	nq	98
46) 2-Chloronaphthalene	9.12	162	239096	21.59	nq	94
47) 2-Nitroaniline	9.21	65	75138	19.74	nq	92
48) Acenaphthylene	9.53	152	372602	21.12	nq	99
49) Dimethylphthalate	9.39	163	276661	20.96	nq	99
50) 2,6-Dinitrotoluene	9.45	165	60172	21.04	nq	# 83
51) Acenaphthene	9.70	154	215329	20.66	nq	98
52) 3-Nitroaniline	9.62	138	67020	19.78	nq	91
53) 2,4-Dinitrophenol	9.73	184	20436	19.96	nq	# 70
54) Dibenzofuran	9.87	168	317017	21.71	nq	99
55) 4-Nitrophenol	9.78	139	46794	18.91	nq	# 64
56) 2,4-Dinitrotoluene	9.86	165	75597	20.57	nq	# 92
57) Fluorene	10.21	166	246130	22.81	nq	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	50464	20.64	nq	# 97
59) Diethylphthalate	10.10	149	272962	21.24	nq	99
60) 4-Chlorophenyl-phenylether	10.21	204	104255	20.04	nq	88
61) 4-Nitroaniline	10.22	138	63936	20.10	nq	91
62) Azobenzene	10.37	77	225616	19.90	nq	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	33524	18.42	nq	94
65) n-Nitrosodiphenylamine	10.33	169	218861	21.12	nq	98
66) 4-Bromophenyl-phenylether	10.69	248	63185	21.35	nq	97
67) Hexachlorobenzene	10.76	284	71763	21.77	nq	# 91
68) Atrazine	10.85	200	61308	20.77	nq	93
69) Pentachlorophenol	10.95	266	32903	20.66	nq	95
70) Phenanthrene	11.17	178	334862	21.25	nq	99
71) Anthracene	11.22	178	338140	21.22	nq	99
72) Carbazole	11.37	167	322557	20.90	nq	97
73) Di-n-butylphthalate	11.72	149	405086	21.08	nq	99
74) Fluoranthene	12.35	202	313985	20.81	nq	96
76) Benzidine	12.47	184	91267	15.97	nq	97
77) Pyrene	12.57	202	317139	20.04	nq	98
79) Butylbenzylphthalate	13.20	149	140356	37.32	nq	# 84
80) Benzo(a)anthracene	13.76	228	213130	19.61	nq	98
81) 3,3'-Dichlorobenzidine	13.73	252	72314	18.50	nq	# 94
82) Chrysene	13.80	228	211706	19.79	nq	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	173843	18.98	nq	# 99
84) Di-n-octyl phthalate	14.38	149	273559	18.07	nq	95
85) Indeno(1,2,3-cd)pyrene	16.46	276	192347	21.53	nq	99
87) Benzo(b)fluoranthene	14.77	252	174872	20.48	nq	99
88) Benzo(k)fluoranthene	14.79	252	169118	20.92	nq	96
89) Benzo(a)pyrene	15.09	252	159242	20.33	nq	97
90) Dibenzo(a,h)anthracene	16.47	278	156648	21.74	nq	98
91) Benzo(g,h,i)perylene	16.84	276	165222	21.41	nq	97

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

[illegible]



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.00 min

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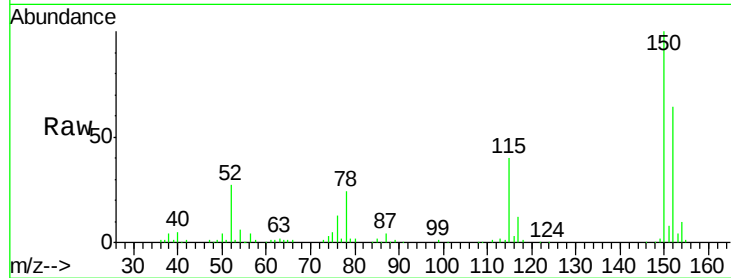
Tot Ion:152 Resp: 94728

Ion Ratio Lower Upper

152 100

150 156.3 126.2 189.2

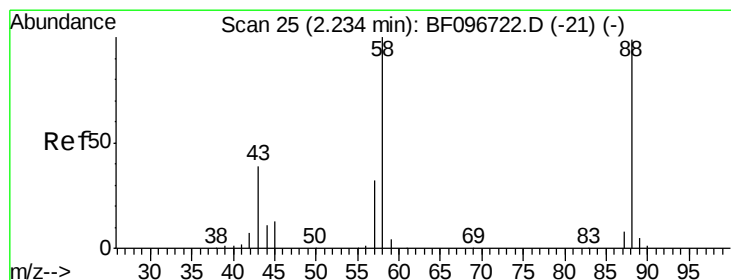
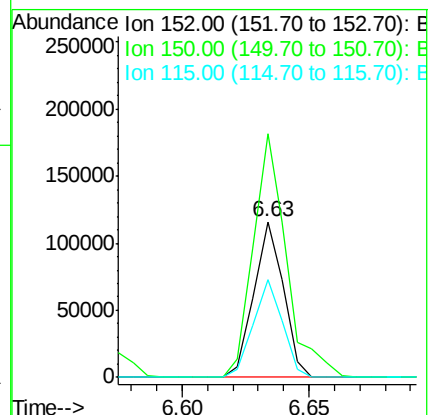
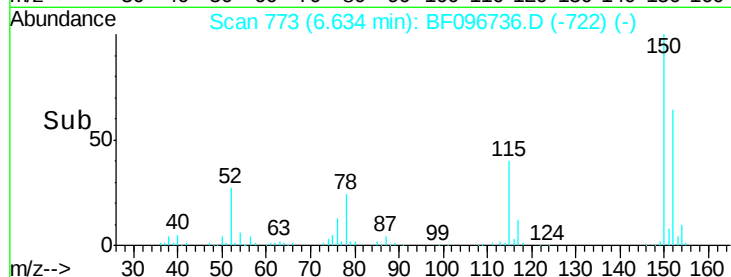
115 63.0 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 23.70 ng

RT: 2.23 min Scan# 25

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

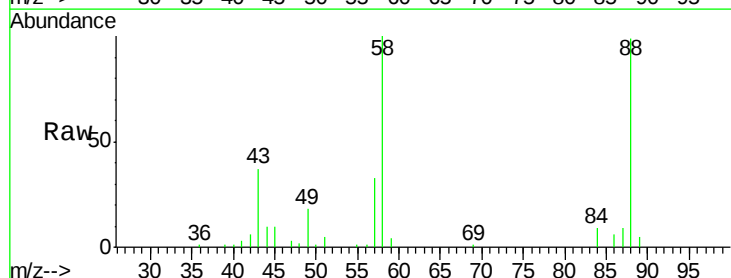
Tgt Ion: 88 Resp: 76830

Ion Ratio Lower Upper

88 100

58 93.1 61.4 92.0#

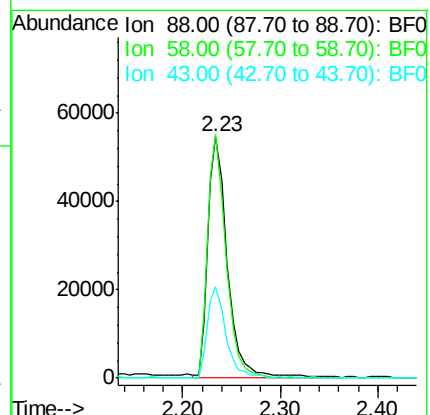
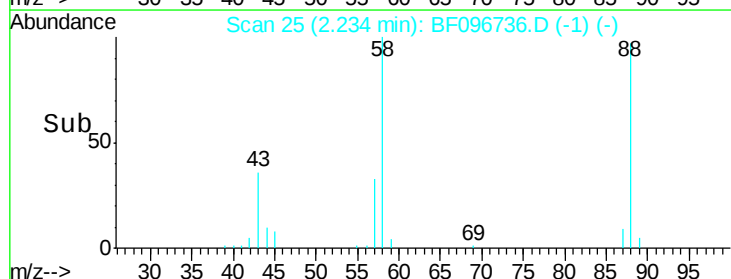
43 35.6 23.4 35.0#

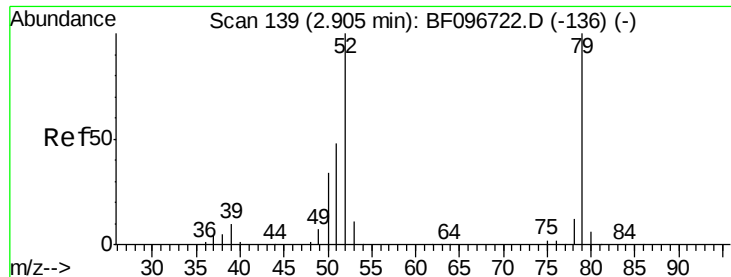


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 19.75 ng

RT: 2.93 min Scan# 143

Delta R.T. 0.02 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

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ClientSampleId :

LOQ-WATER-06-QT3-2017

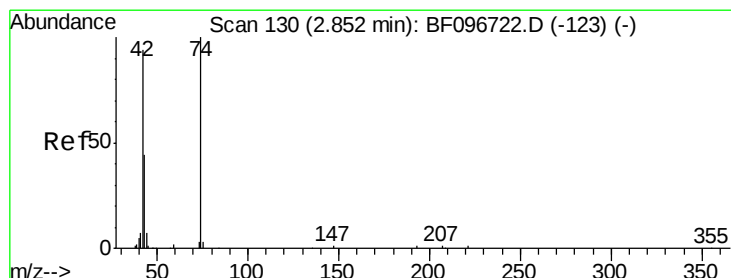
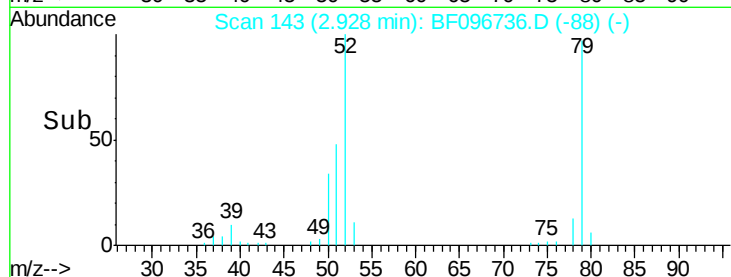
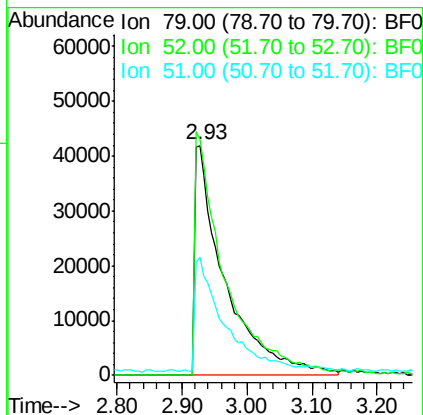
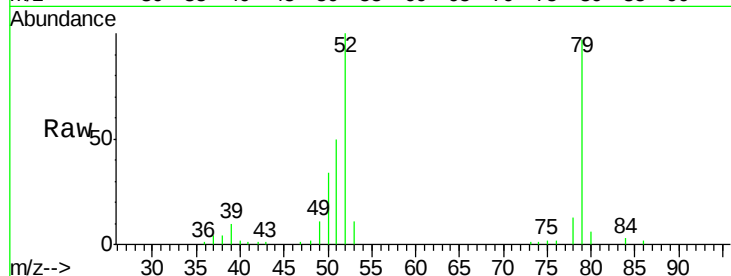
Tot Ion: 79 Resp: 134537

Ion Ratio Lower Upper

79 100

52 102.9 54.8 82.2#

51 51.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 19.89 ng

RT: 2.83 min Scan# 127

Delta R.T. -0.02 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

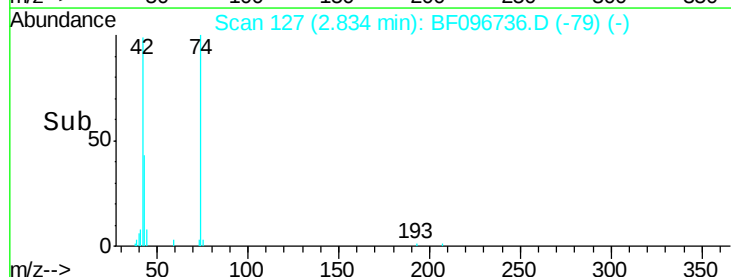
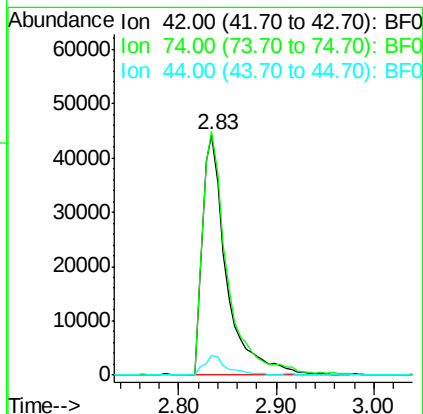
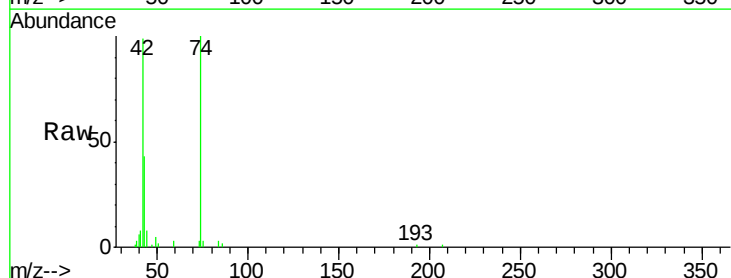
Tgt Ion: 42 Resp: 75784

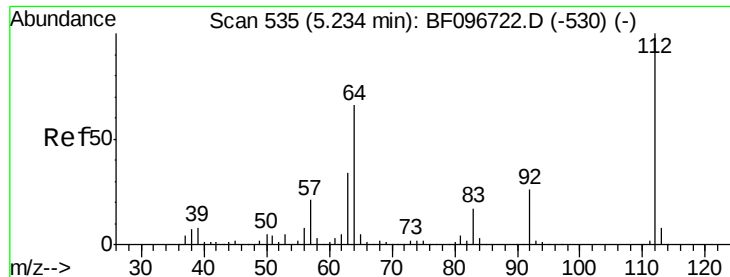
Ion Ratio Lower Upper

42 100

74 101.4 103.9 155.9#

44 8.4 5.7 8.5





#5

2-Fluorophenol

Concen: 113.01 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

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ClientSampleId :

LOQ-WATER-06-QT3-2017

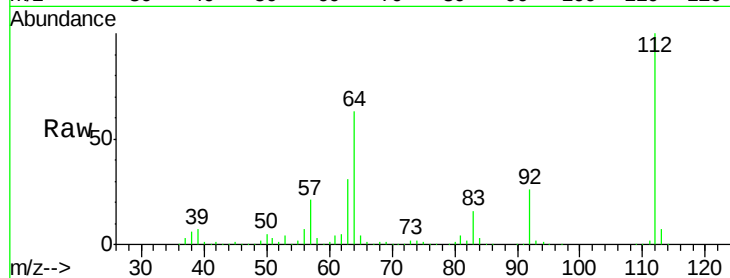
Tot Ion:112 Resp: 711966

Ion Ratio Lower Upper

112 100

64 63.5 46.0 69.0

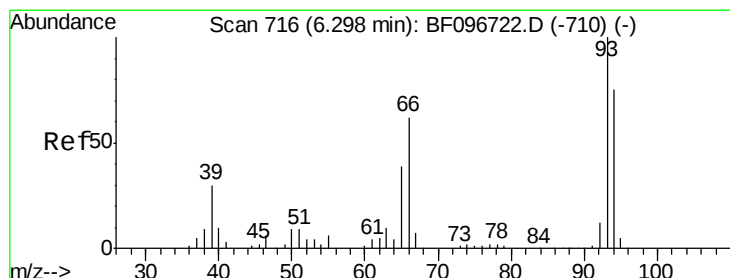
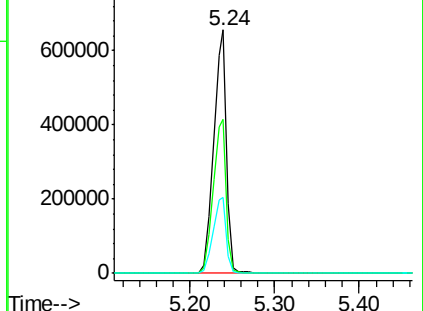
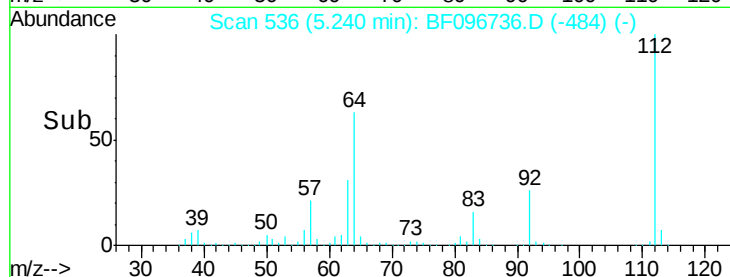
63 30.9 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.75 ng

RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

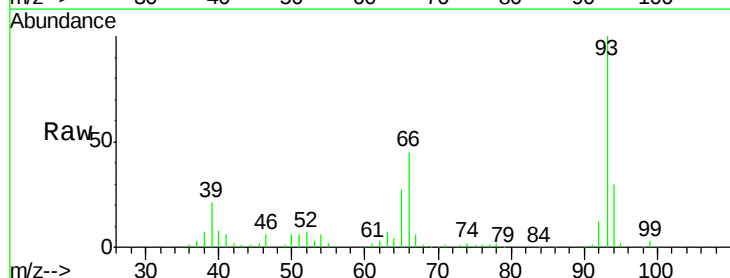
Tgt Ion: 93 Resp: 183894

Ion Ratio Lower Upper

93 100

66 45.4 32.9 49.3

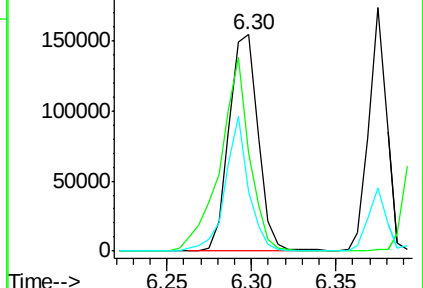
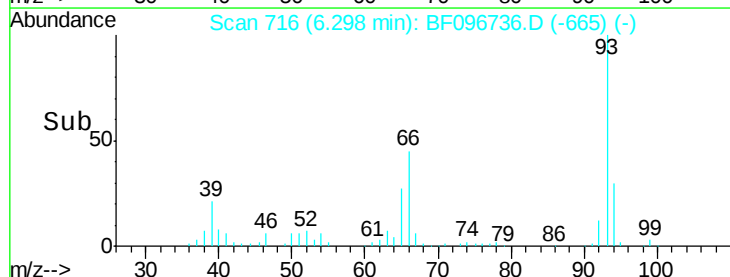
65 27.3 16.0 24.0#

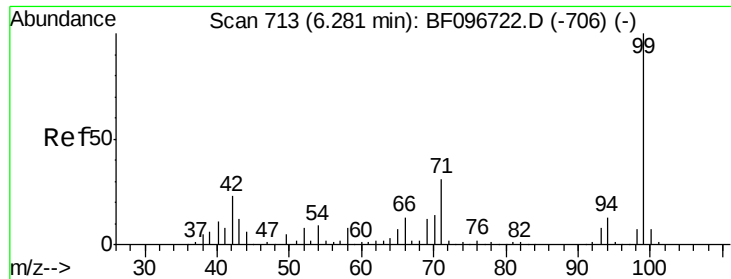


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.95 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

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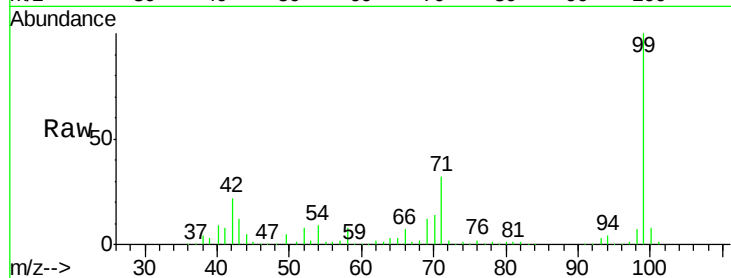
Tot Ion: 99 Resp: 861508

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

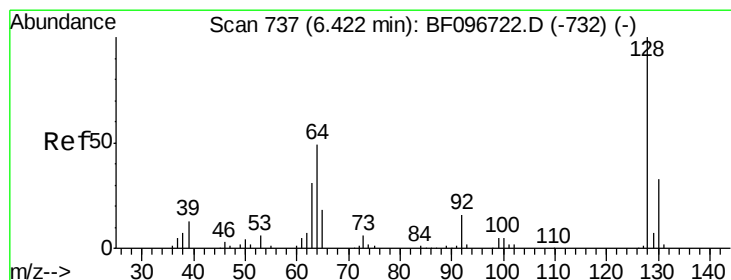
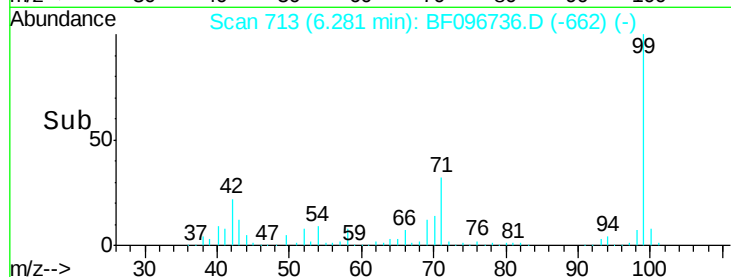
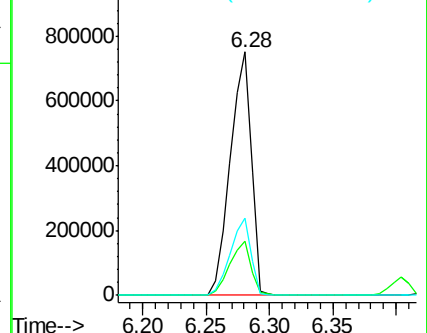
71 31.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 20.29 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

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Acq: 13 Jul 2017 19:12

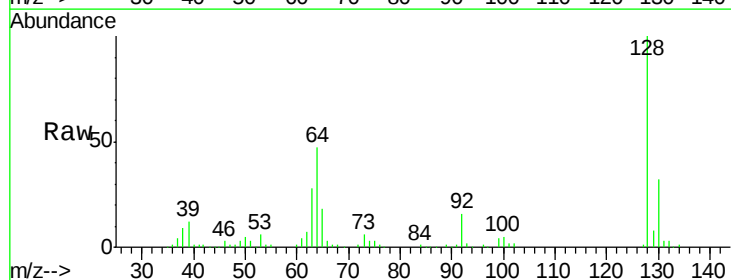
Tgt Ion: 128 Resp: 137889

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

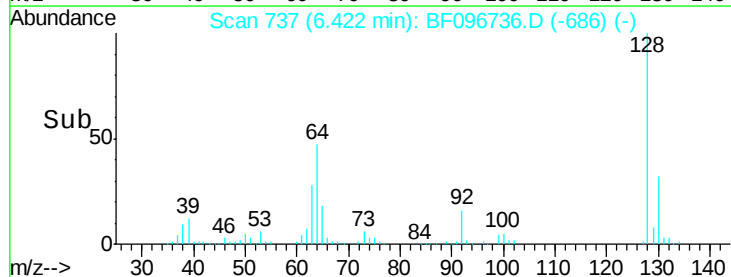
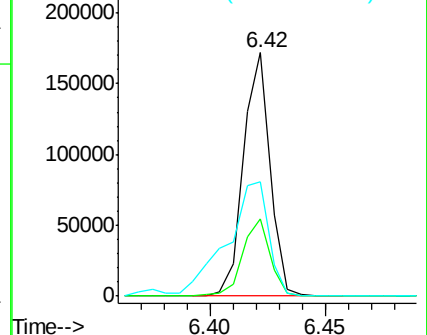
64 47.1 28.4 68.4

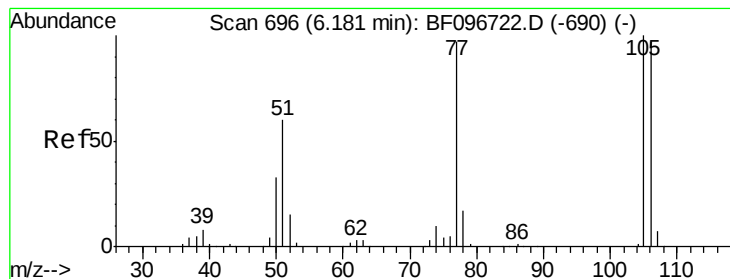


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.18 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF096736.D

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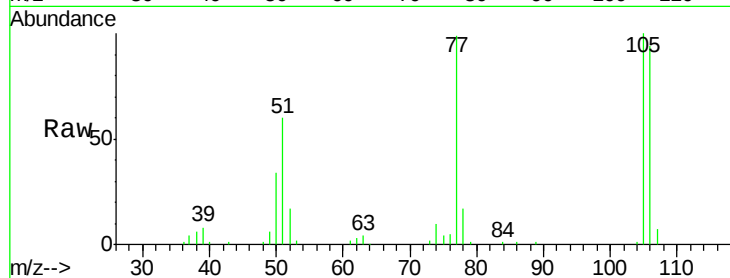
Tot Ion: 77 Resp: 70713

Ion Ratio Lower Upper

77 100

105 101.3 83.8 123.8

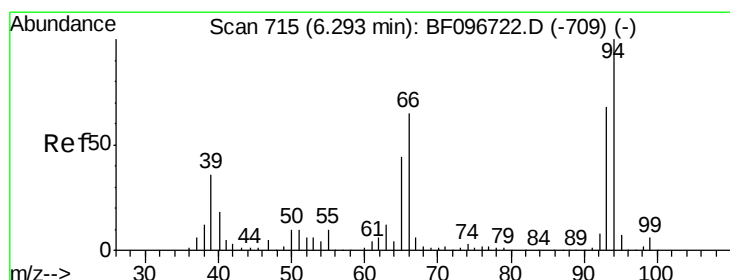
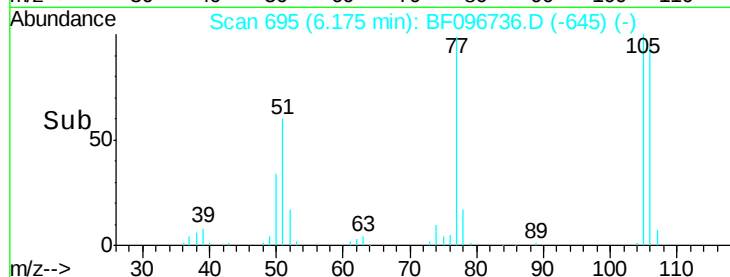
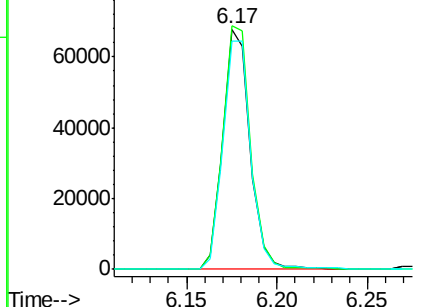
106 95.1 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 19.65 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

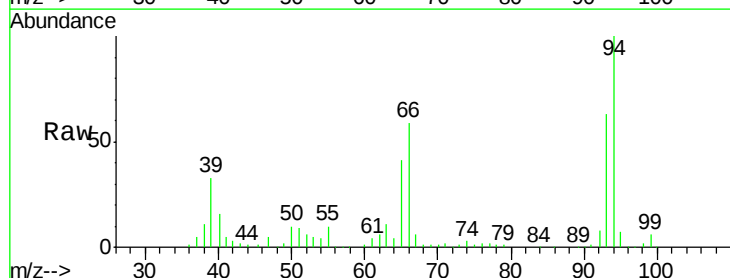
Tgt Ion: 94 Resp: 167974

Ion Ratio Lower Upper

94 100

65 40.6 9.9 49.9

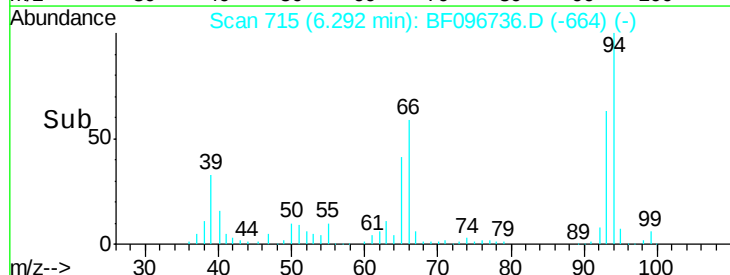
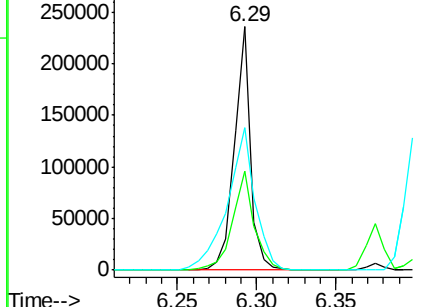
66 58.6 23.1 63.1

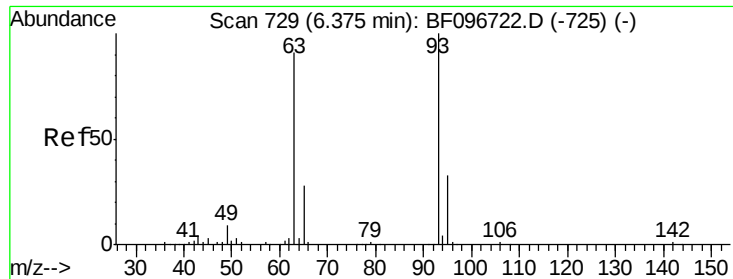


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

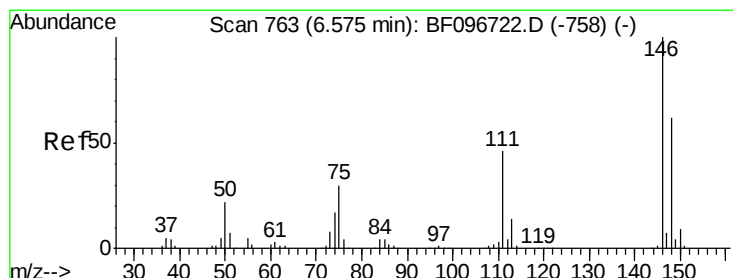
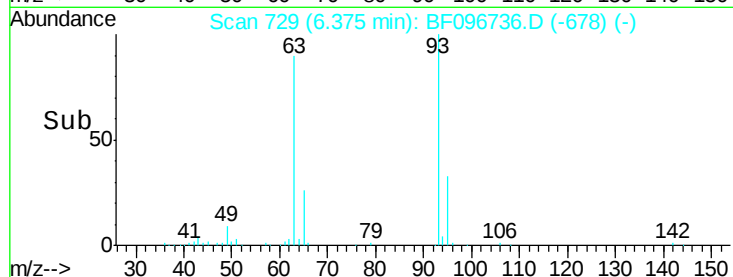
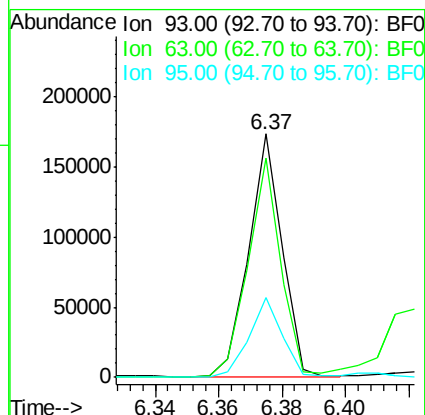
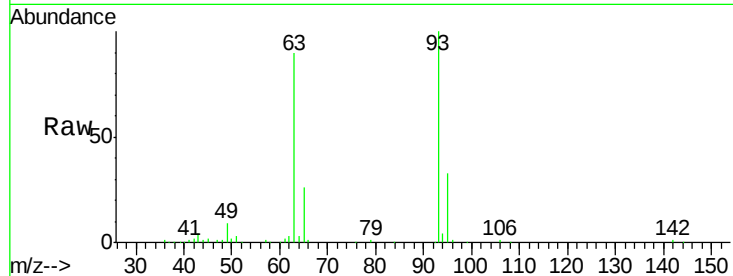




#11
bis(2-Chloroethyl)ether
Concen: 19.67 ng
RT: 6.37 min Scan# 729
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

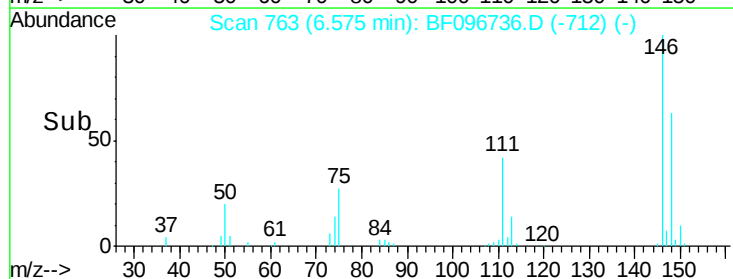
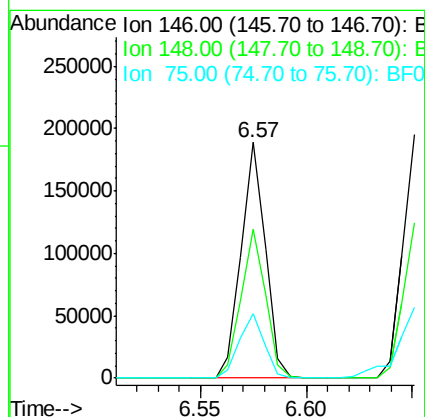
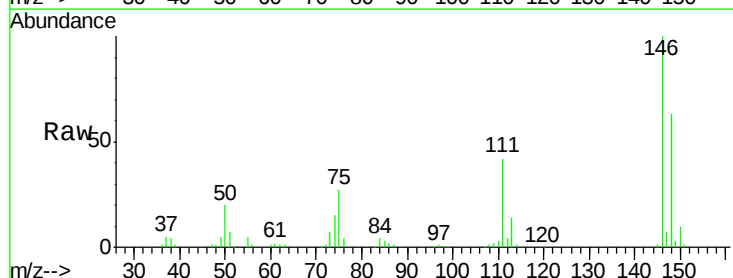
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

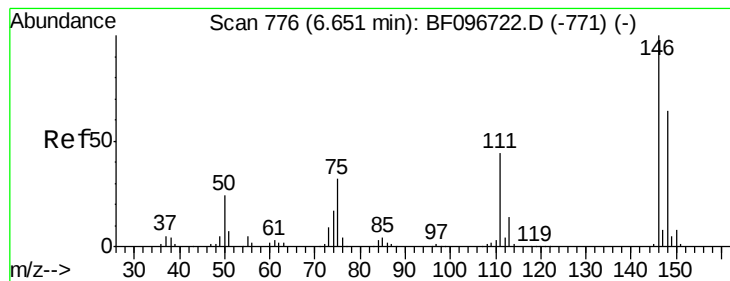
Tot Ion: 93 Resp: 126389
Ion Ratio Lower Upper
93 100
63 90.0 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 20.72 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion: 146 Resp: 149677
Ion Ratio Lower Upper
146 100
148 62.9 51.8 77.6
75 27.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 21.00 ng

RT: 6.65 min Scan# 776

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

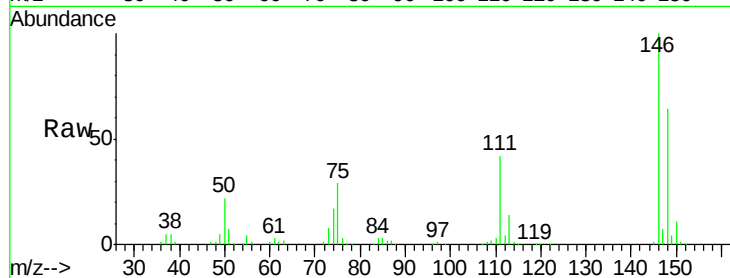
Tot Ion:146 Resp: 153612

Ion Ratio Lower Upper

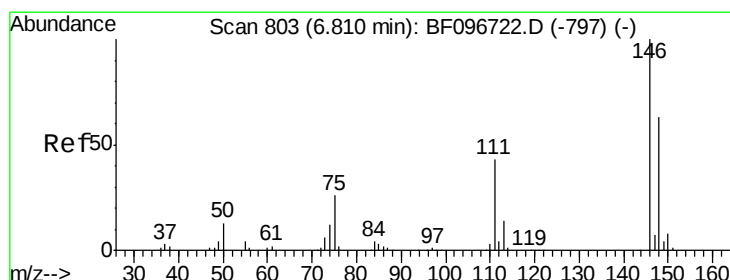
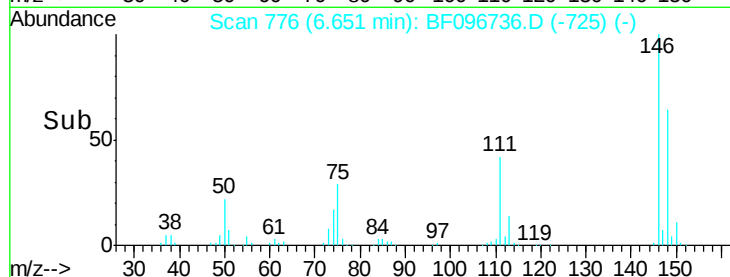
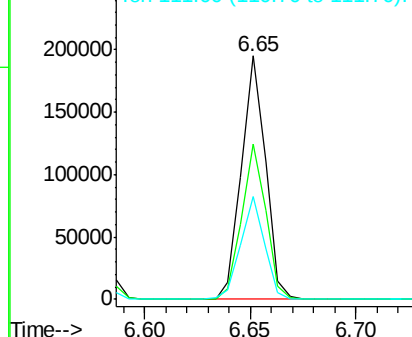
146 100

148 63.9 52.2 78.2

111 42.4 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 21.31 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

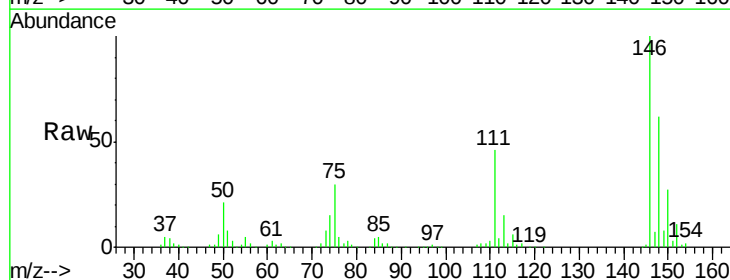
Tgt Ion:146 Resp: 141837

Ion Ratio Lower Upper

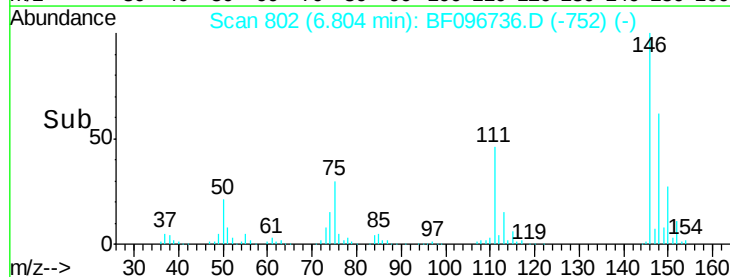
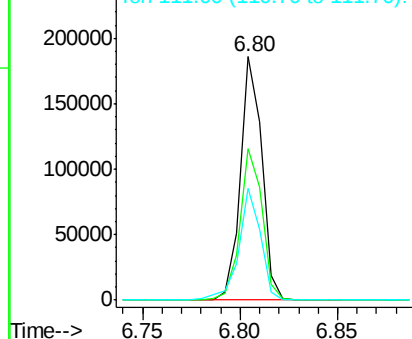
146 100

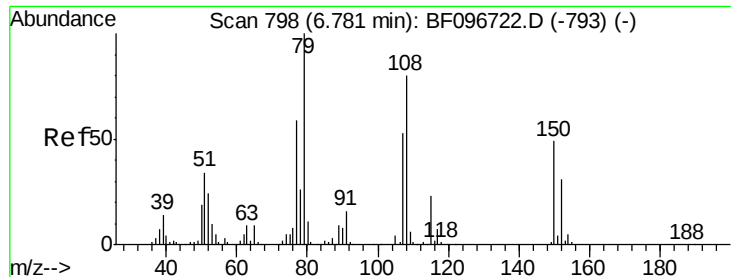
148 62.4 50.4 75.6

111 46.0 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 21.37 ng

RT: 6.77 min Scan# 797

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

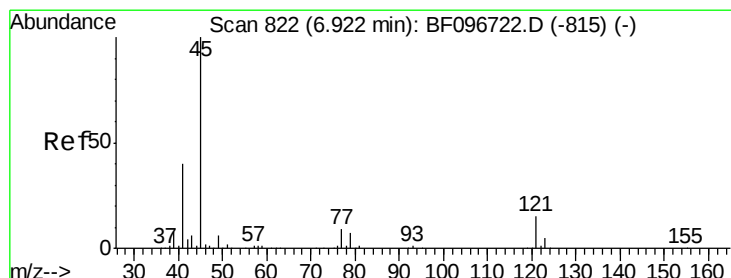
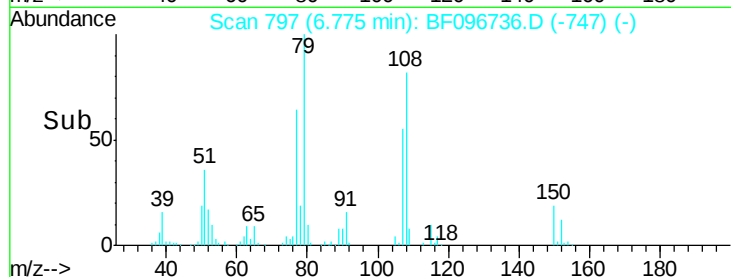
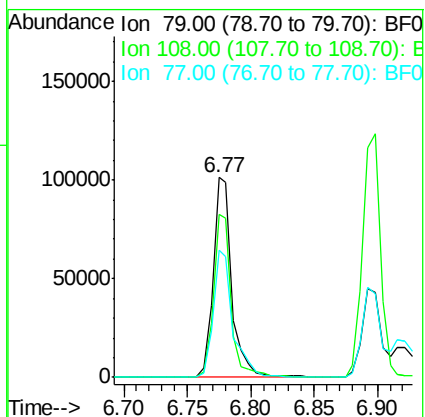
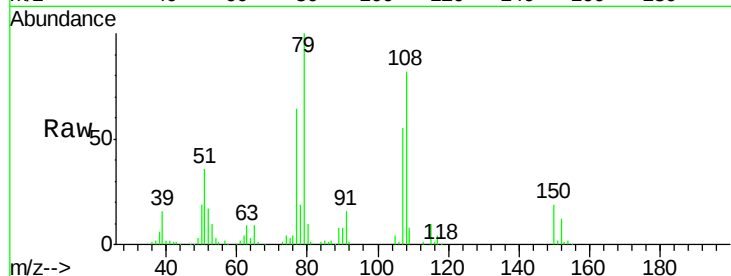
Tot Ion: 79 Resp: 105756

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

77 63.8 49.2 73.8



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.80 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

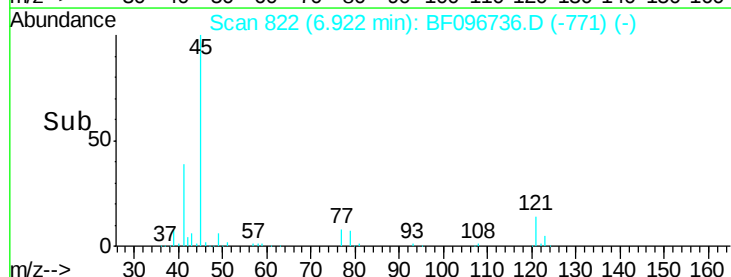
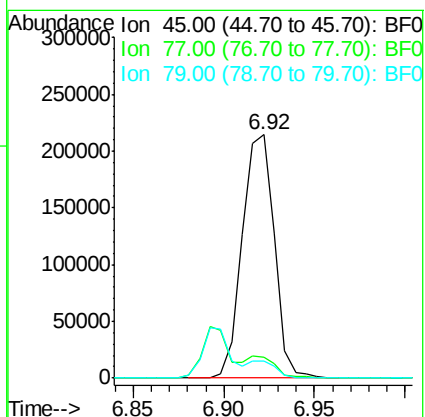
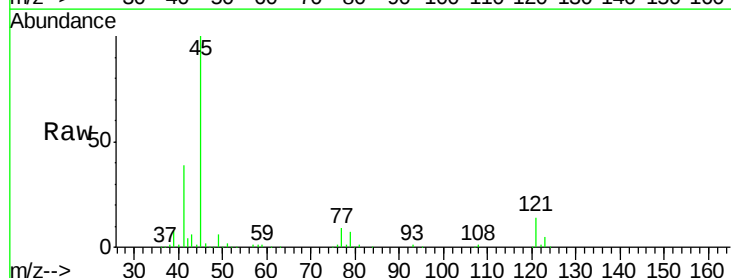
Tgt Ion: 45 Resp: 262617

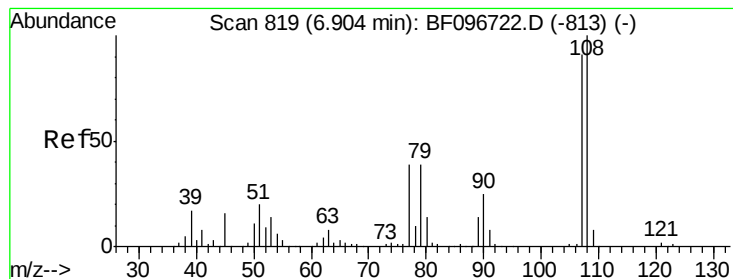
Ion Ratio Lower Upper

45 100

77 8.6 0.0 33.2

79 7.2 0.0 30.0

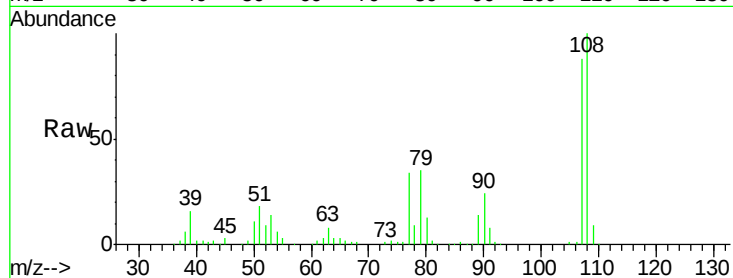




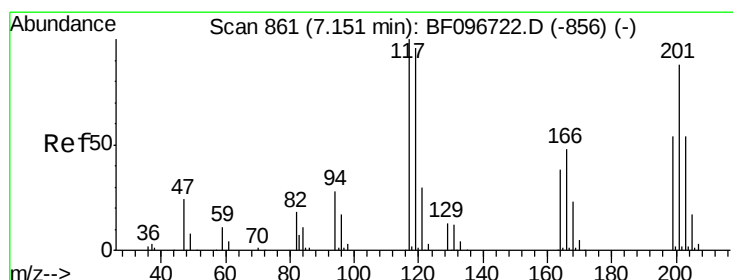
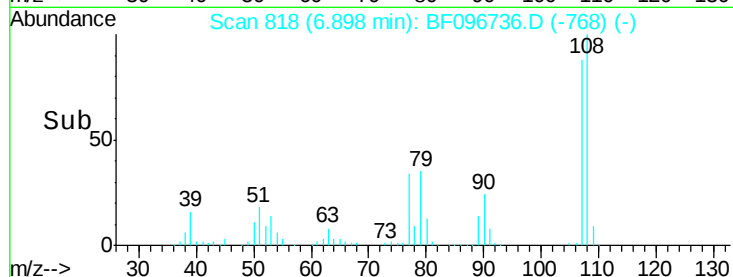
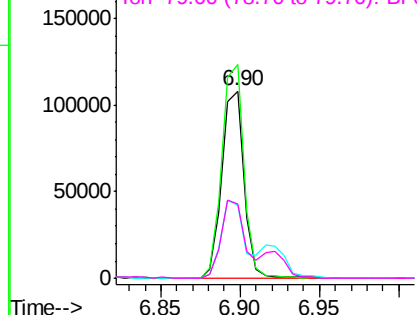
#17
2-Methylphenol
Concen: 19.89 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:	107	Resp:	105140
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	39.2	35.8	53.6
79	39.9	34.8	52.2

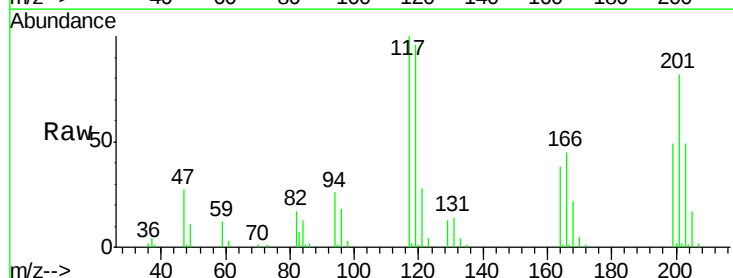


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

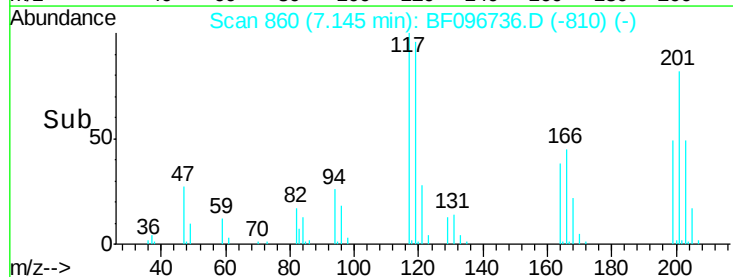
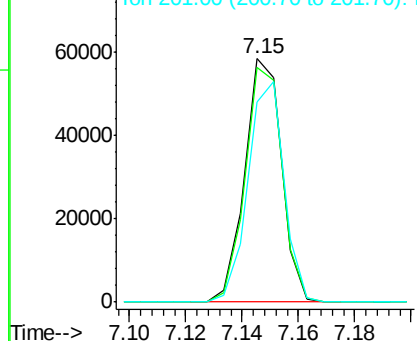


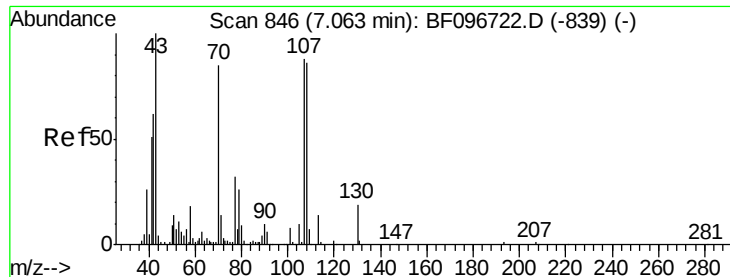
#18
Hexachloroethane
Concen: 20.33 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:	117	Resp:	52735
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.4	116.0
201	82.2	94.6	141.8#



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

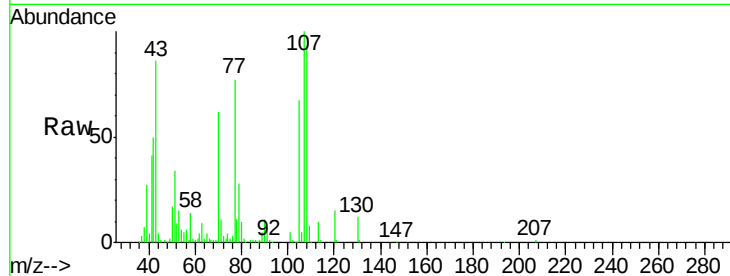




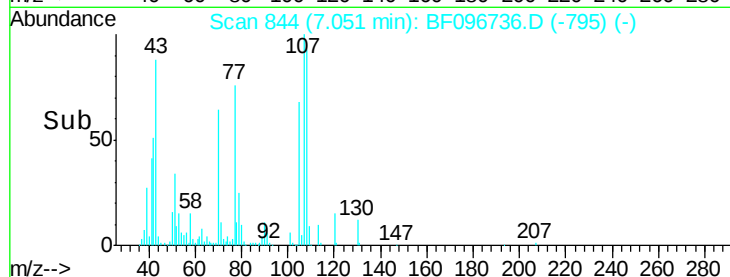
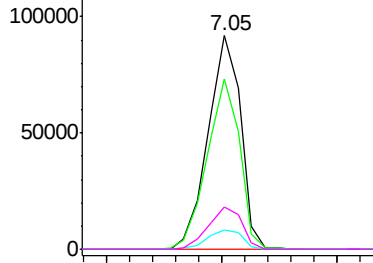
#19
n-Nitroso-di-n-propylamine
Concen: 19.95 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

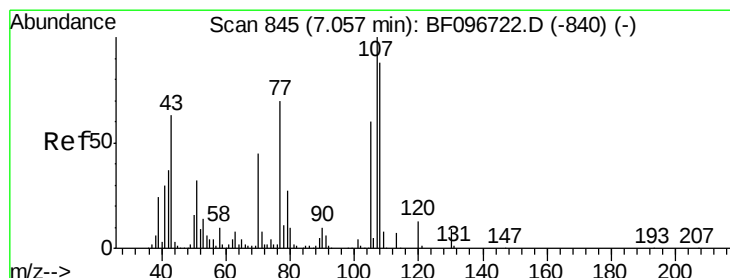
Tot Ion:	70	Resp:	90870
Ion	Ratio	Lower	Upper
70	100		
42	79.7	47.2	70.8#
101	8.8	7.2	10.8
130	19.6	15.9	23.9



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

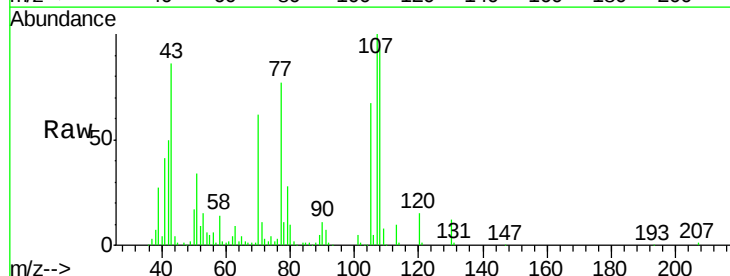


Time-->

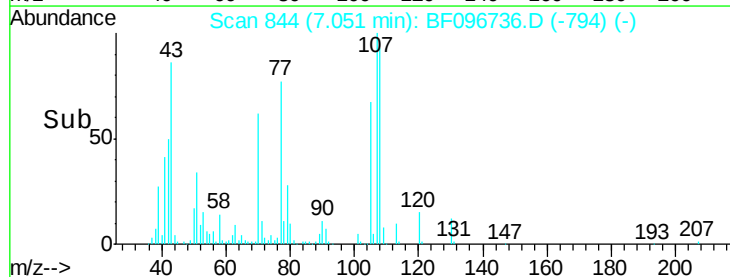
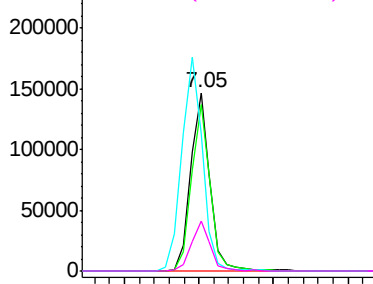


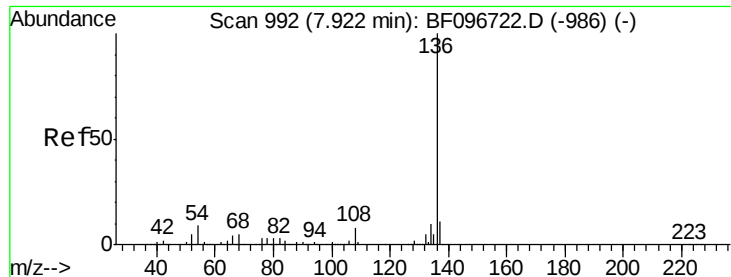
#20
3+4-Methylphenols
Concen: 20.80 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:	107	Resp:	133404
Ion	Ratio	Lower	Upper
107	100		
108	93.4	71.0	111.0
77	76.5	90.5	130.5#
79	27.9	8.4	48.4



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): BF0
Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

Tot Ion:136 Resp: 397028

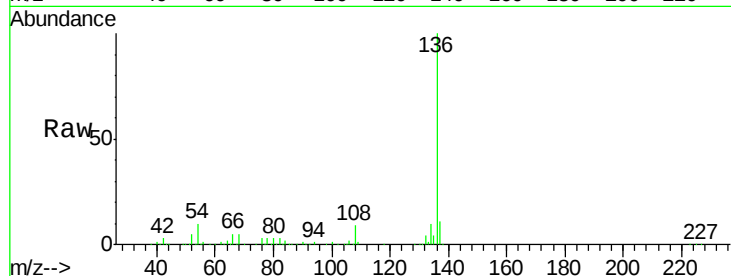
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 10.0 4.9 7.3#

68 5.0 4.1 6.1

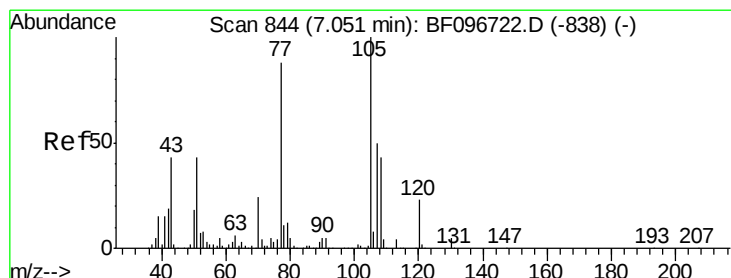
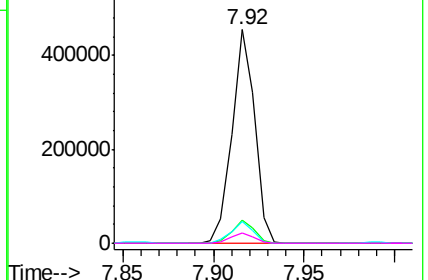
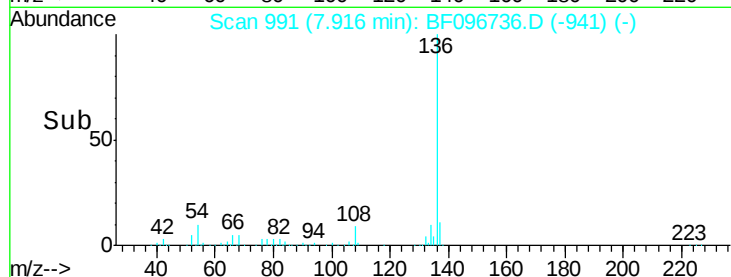


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 20.29 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Tgt Ion:105 Resp: 180089

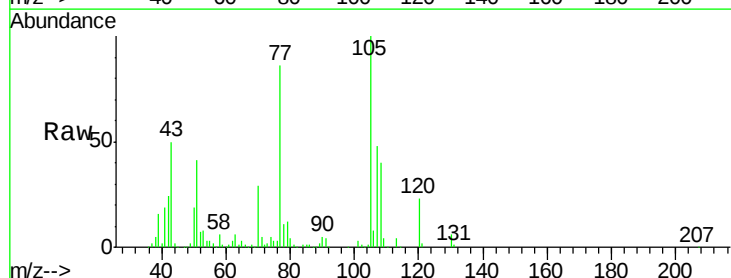
Ion Ratio Lower Upper

105 100

71 4.8 2.8 4.2#

51 41.1 30.7 46.1

120 22.6 17.4 26.0

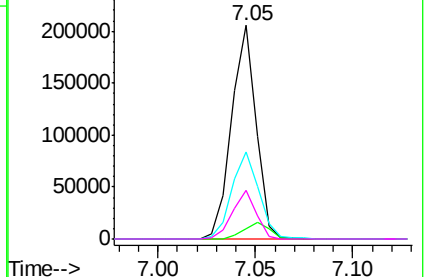
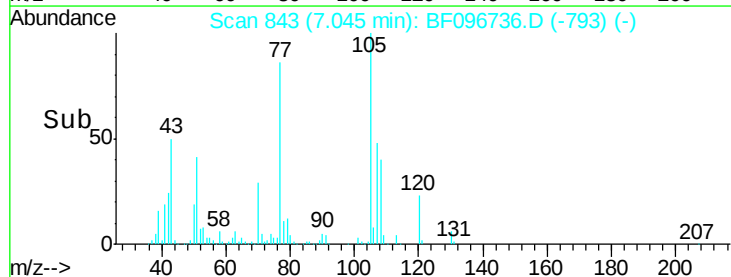


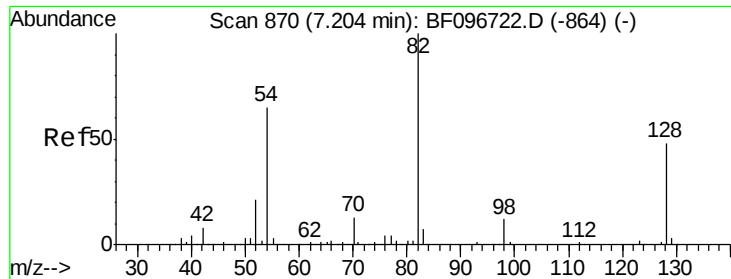
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

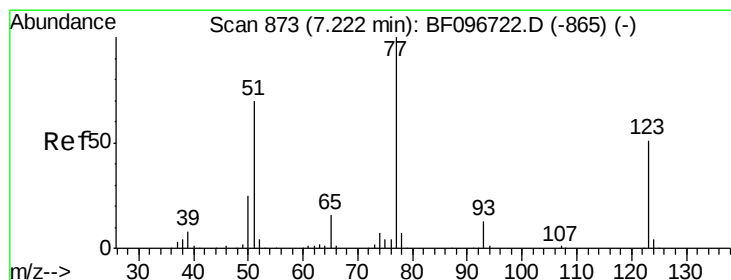
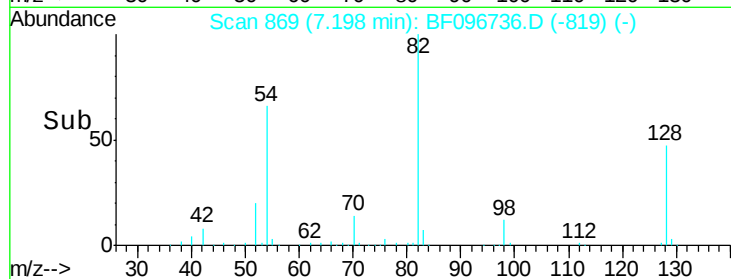
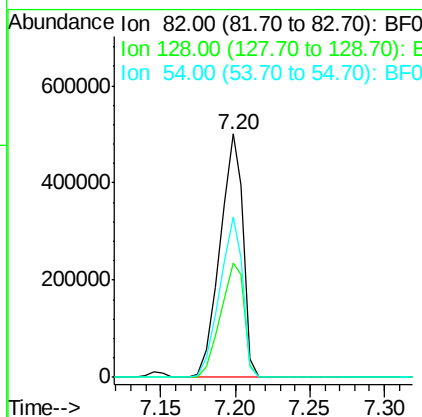
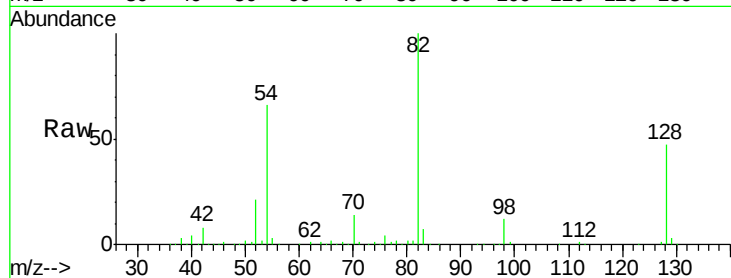




#23
Nitrobenzene-d5
Concen: 85.15 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

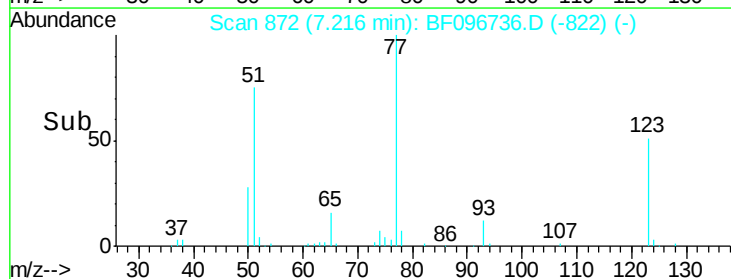
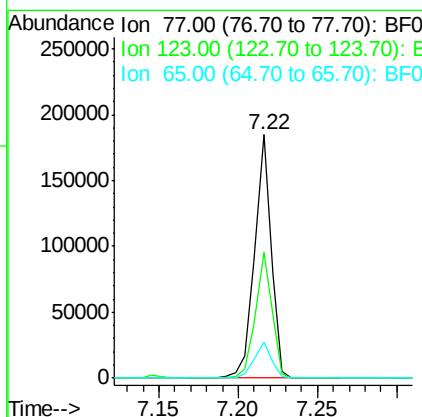
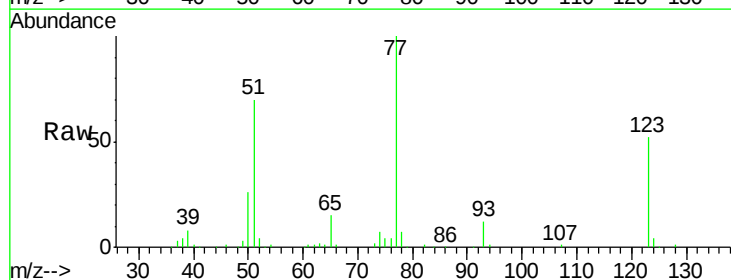
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

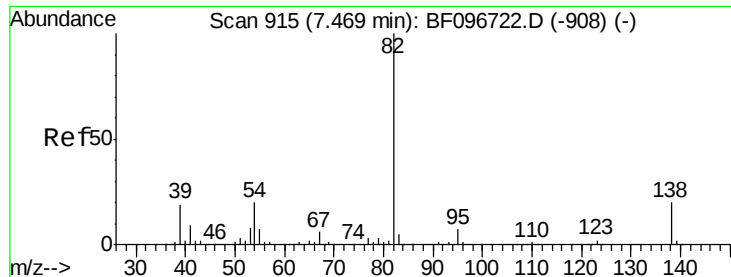
Tot Ion: 82 Resp: 545791
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 66.1 42.2 63.2#



#24
Nitrobenzene
Concen: 20.36 ng
RT: 7.22 min Scan# 872
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion: 77 Resp: 134963
Ion Ratio Lower Upper
77 100
123 51.7 35.8 53.8
65 14.7 10.6 15.8





#25

Isophorone

Concen: 19.70 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

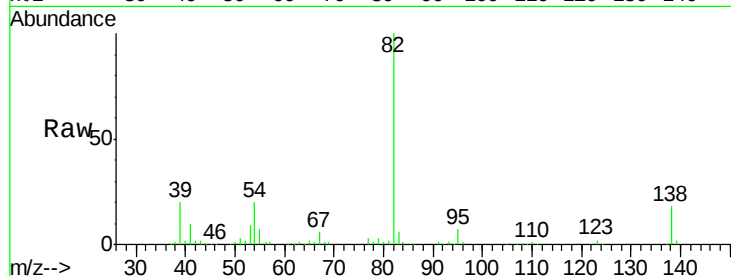
Tot Ion: 82 Resp: 234853

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

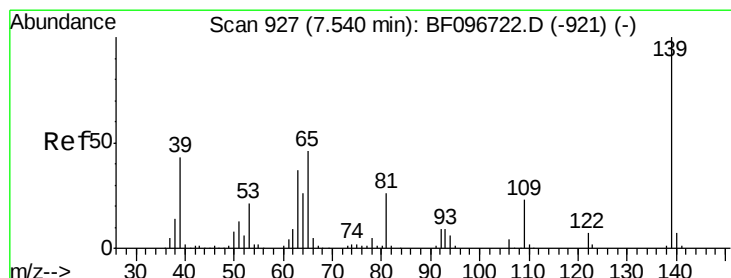
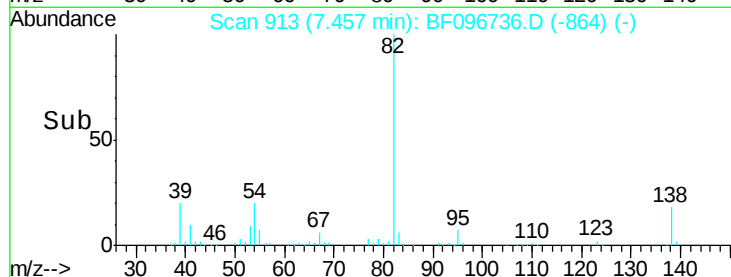
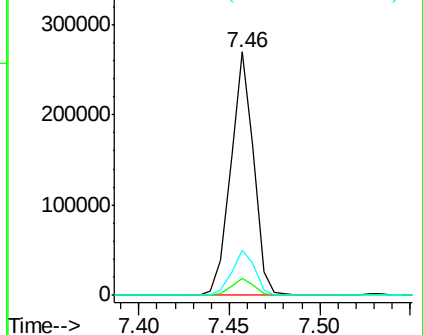
138 18.4 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 20.30 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

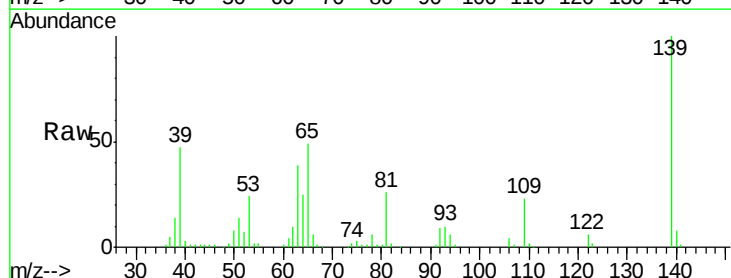
Tgt Ion: 139 Resp: 74839

Ion Ratio Lower Upper

139 100

109 22.6 21.0 31.6

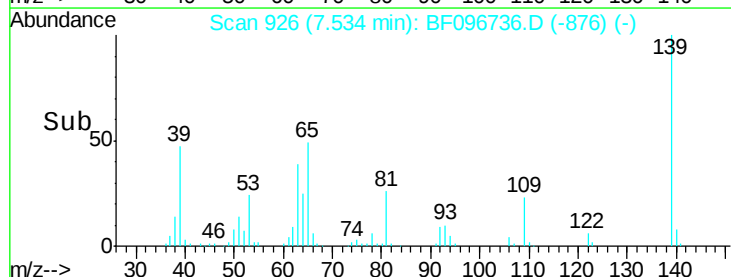
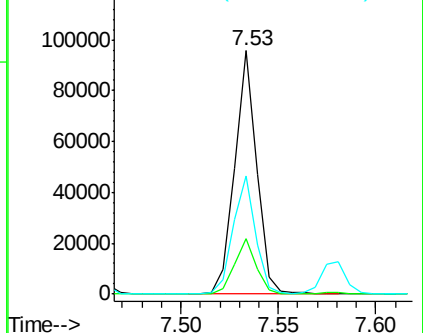
65 48.6 33.0 49.6

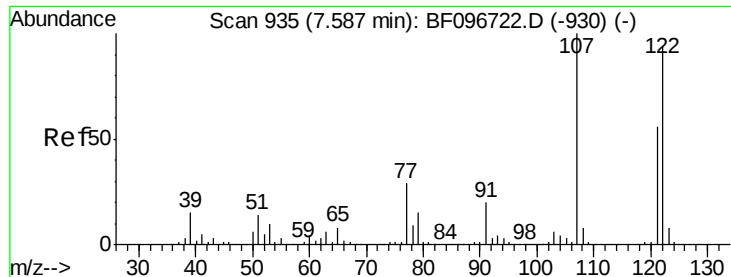


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

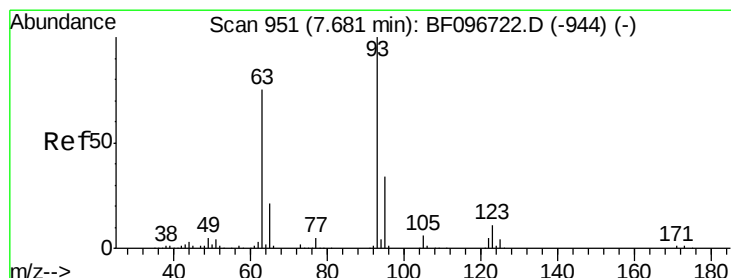
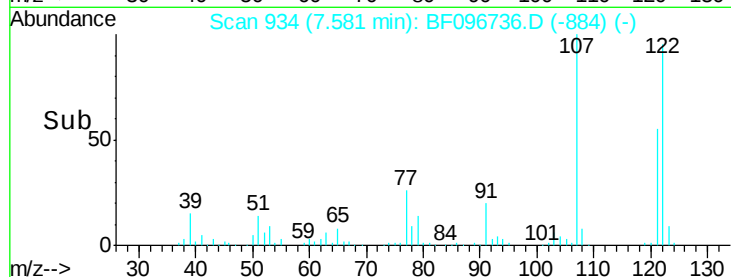
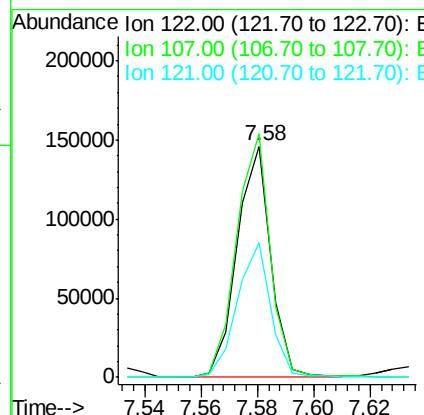
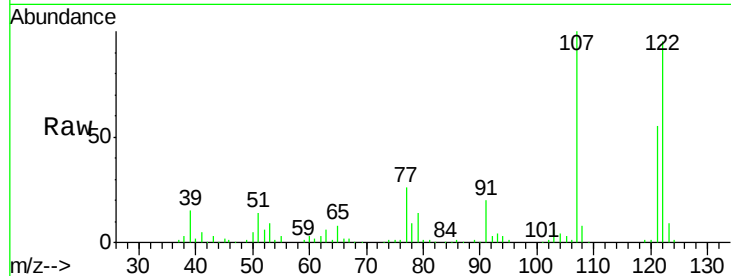




#27
 2,4-Dimethylphenol
 Concen: 19.98 ng
 RT: 7.58 min Scan# 934
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

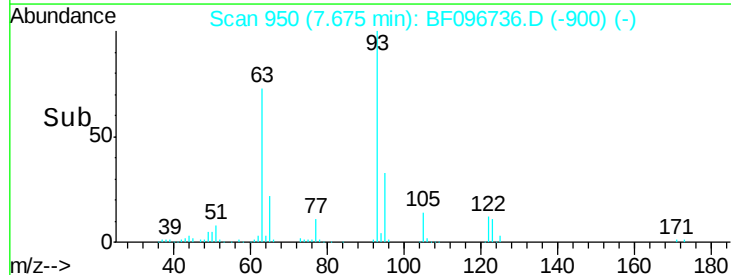
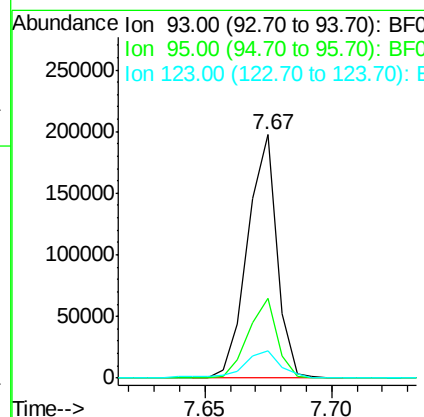
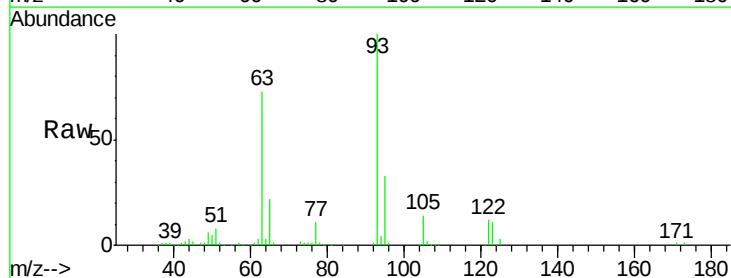
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

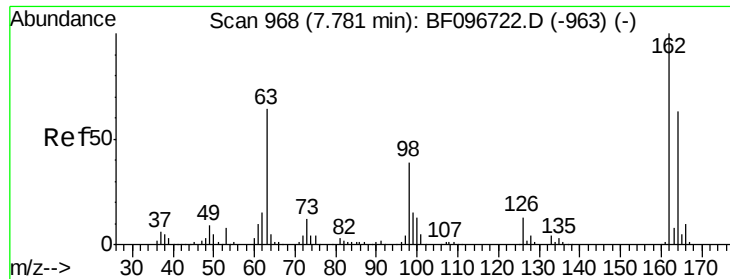
Tot Ion:122 Resp: 121163
 Ion Ratio Lower Upper
 122 100
 107 105.4 89.2 133.8
 121 58.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 19.72 ng
 RT: 7.67 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion: 93 Resp: 158901
 Ion Ratio Lower Upper
 93 100
 95 32.6 26.5 39.7
 123 11.0 9.0 13.4

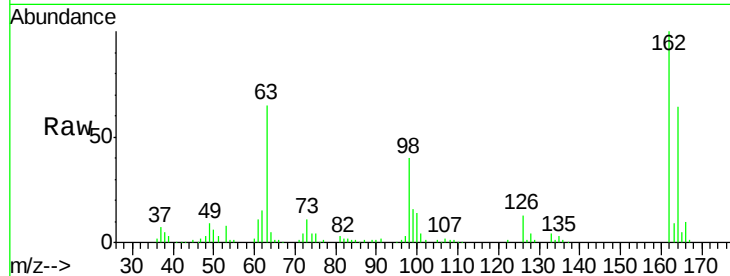




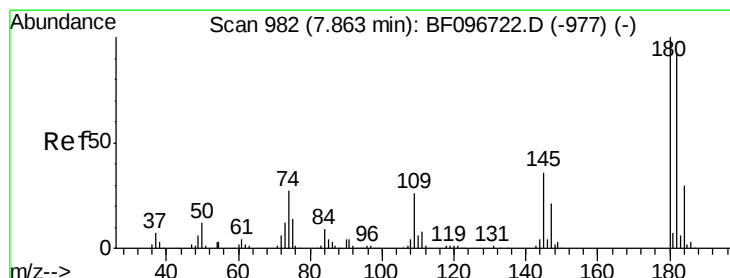
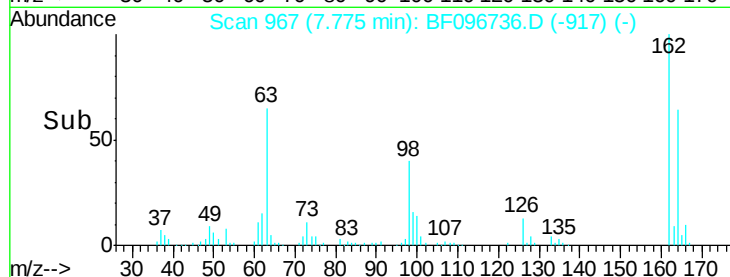
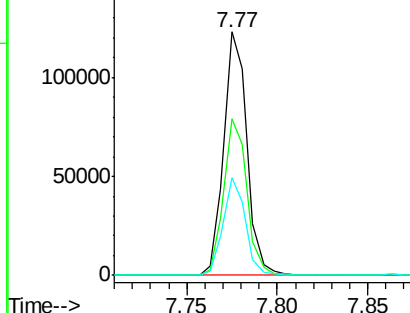
#29
2,4-Dichlorophenol
Concen: 20.02 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:162 Resp: 109881
Ion Ratio Lower Upper
162 100
164 64.4 44.6 84.6
98 40.0 14.8 54.8

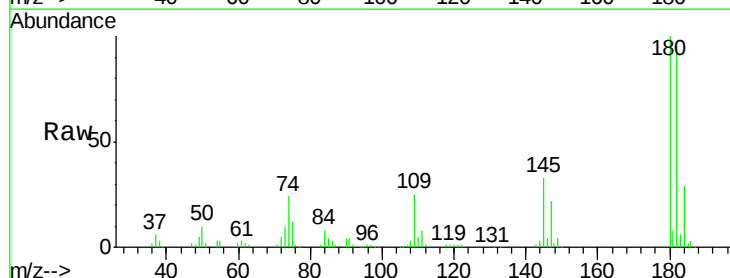


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

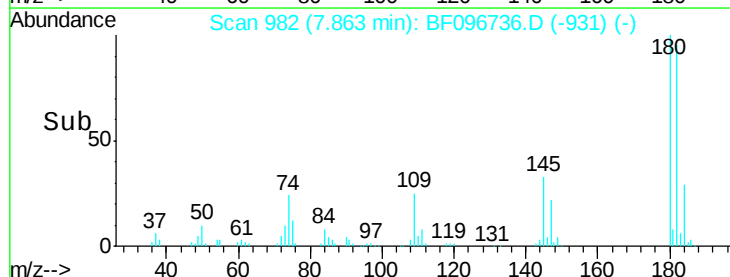
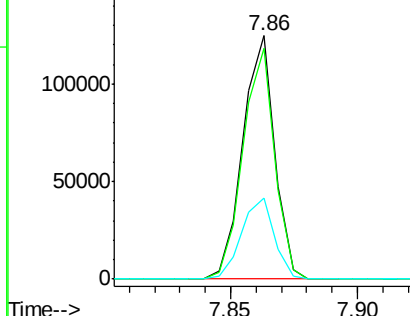


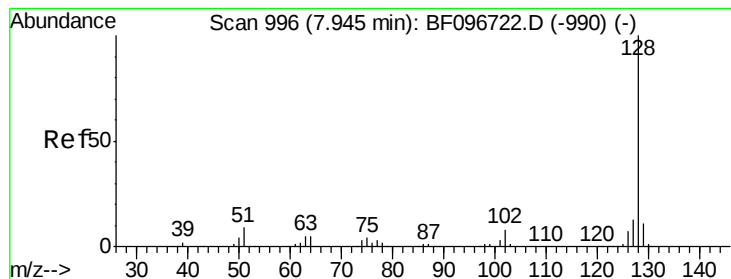
#30
1,2,4-Trichlorobenzene
Concen: 20.83 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:180 Resp: 108719
Ion Ratio Lower Upper
180 100
182 94.7 75.8 113.6
145 33.0 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 20.92 ng

RT: 7.94 min Scan# 995

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

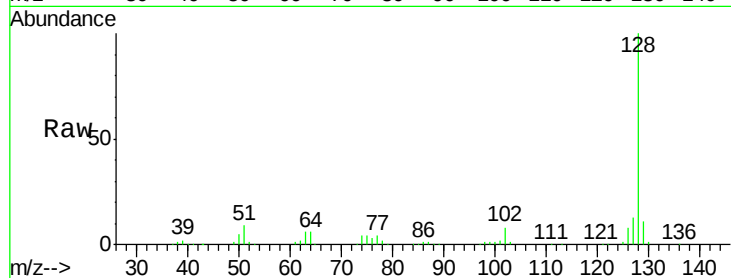
Tot Ion:128 Resp: 393414

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

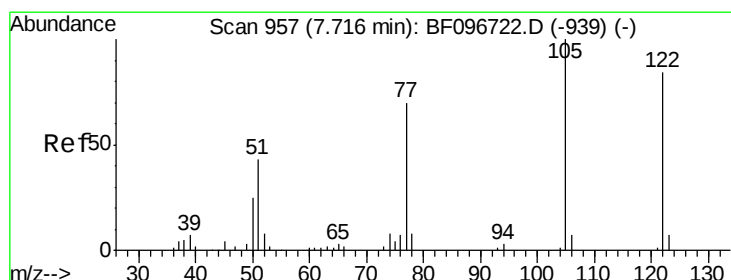
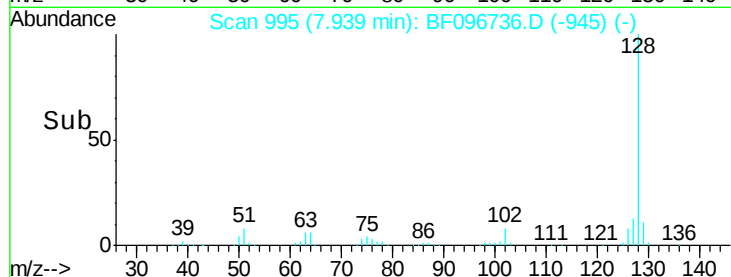
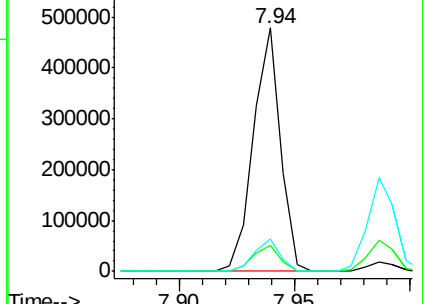
127 13.1 10.8 16.2



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: 20.24 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

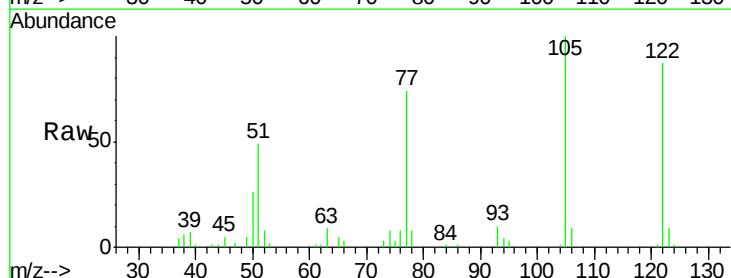
Tgt Ion:122 Resp: 78433

Ion Ratio Lower Upper

122 100

105 115.5 103.3 143.3

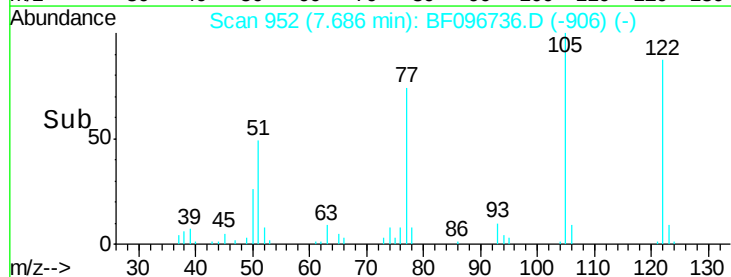
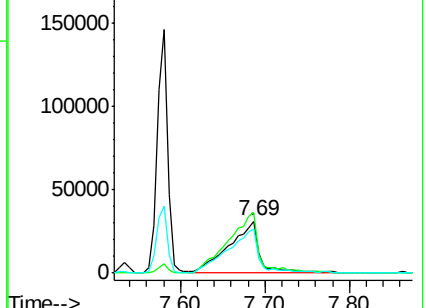
77 85.0 73.7 113.7

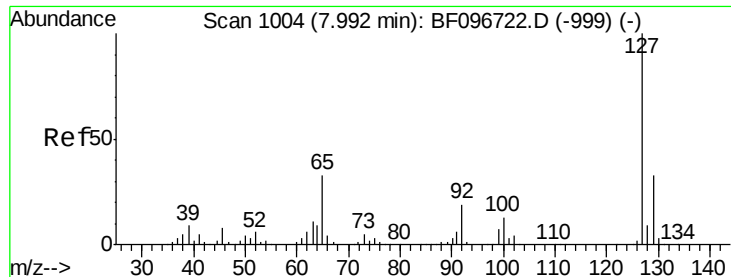


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

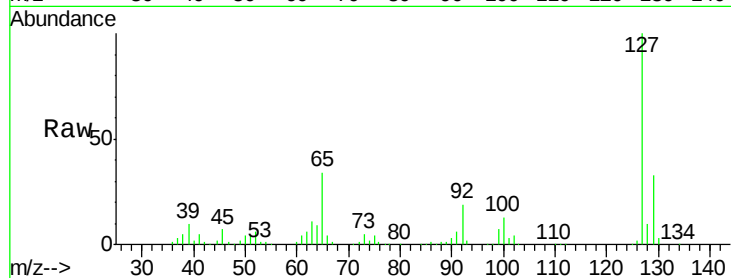




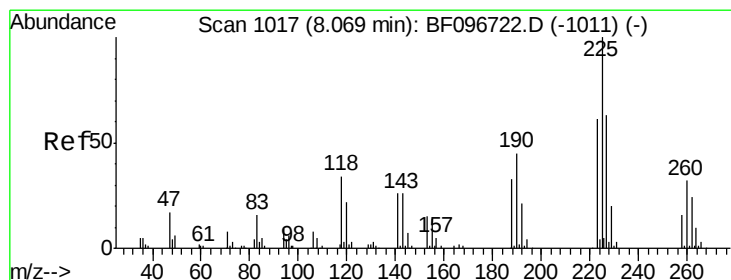
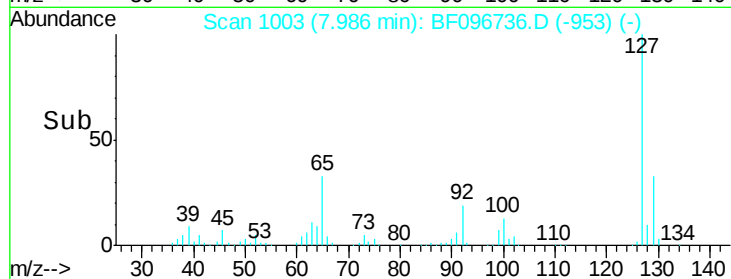
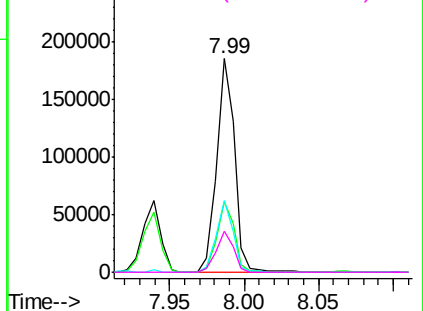
#33
4-Chloroaniline
Concen: 20.80 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:	127	Resp:	155011
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.2
65	33.5	27.8	41.8
92	19.5	16.8	25.2

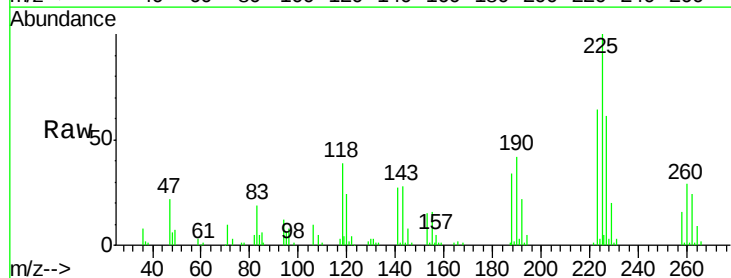


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

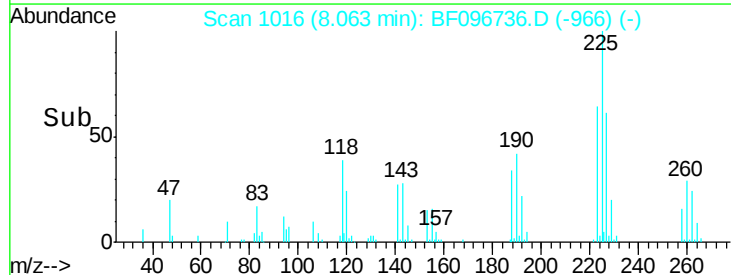
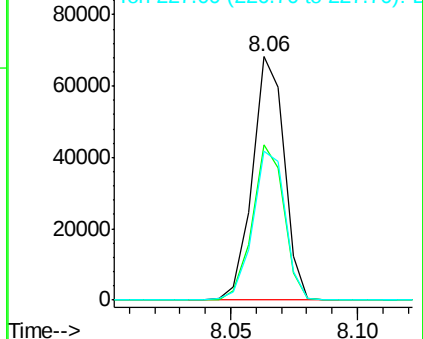


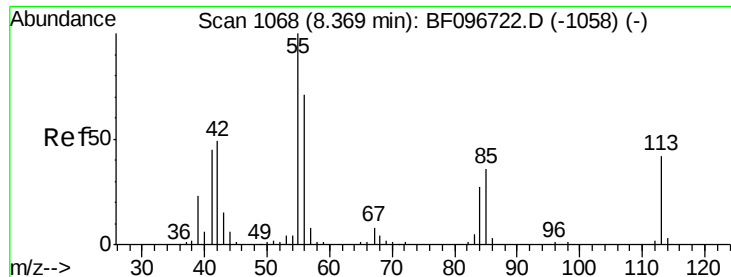
#34
Hexachlorobutadiene
Concen: 21.47 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:	225	Resp:	59806
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	61.2	51.1	76.7



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

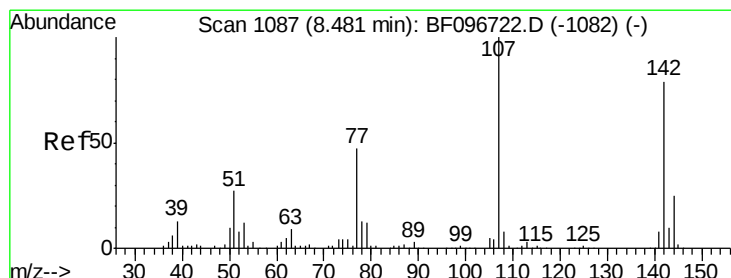
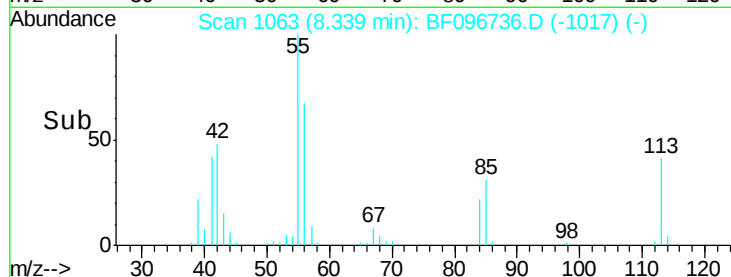
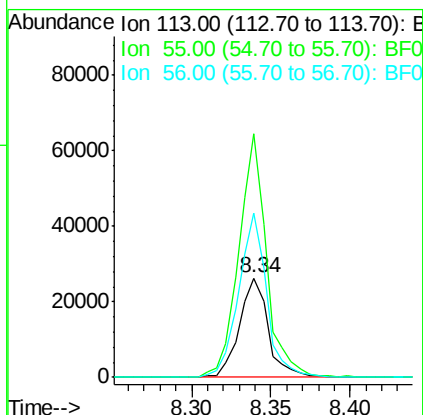
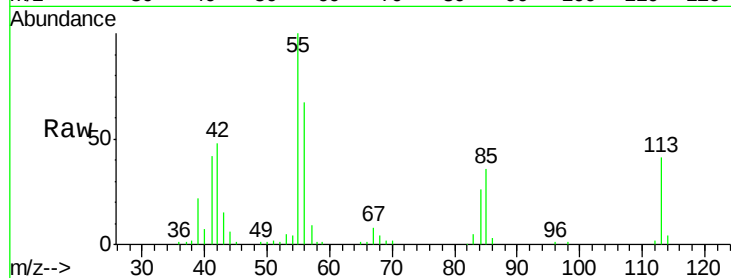




#35
 Caprolactam
 Concen: 18.73 ng
 RT: 8.34 min Scan# 1063
 Delta R.T. -0.03 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

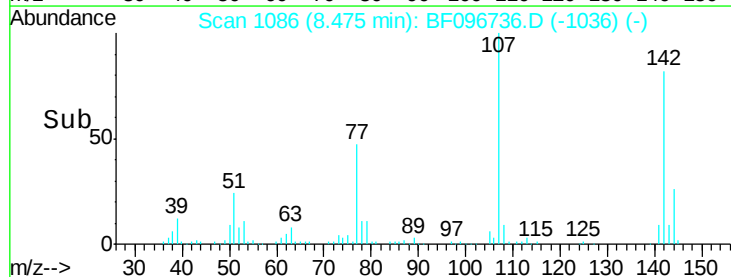
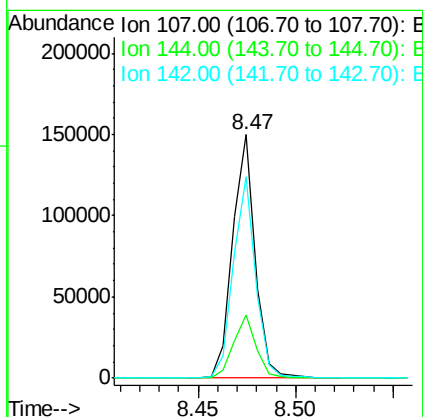
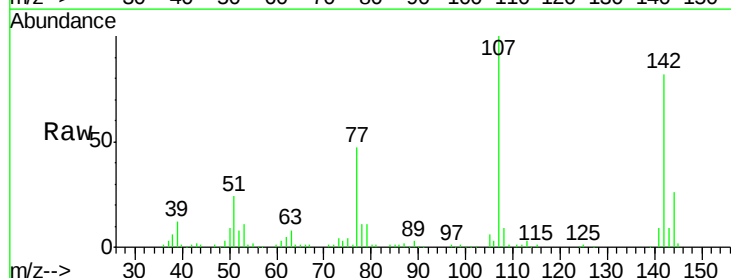
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

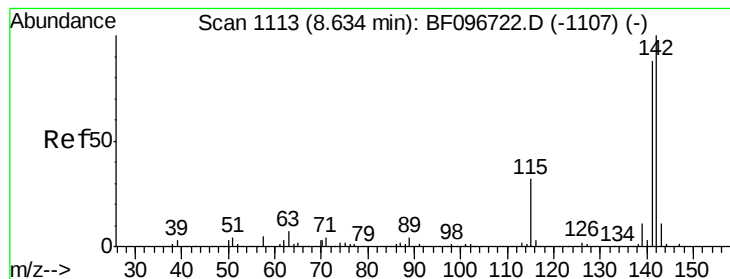
Tot Ion:113 Resp: 32945
 Ion Ratio Lower Upper
 113 100
 55 245.2 150.2 190.2#
 56 165.3 107.8 147.8#



#36
 4-Chloro-3-methylphenol
 Concen: 20.32 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:107 Resp: 119933
 Ion Ratio Lower Upper
 107 100
 144 26.0 24.2 36.4
 142 82.5 73.4 110.0





#37

2-Methylnaphthalene

Concen: 21.01 ng

RT: 8.63 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

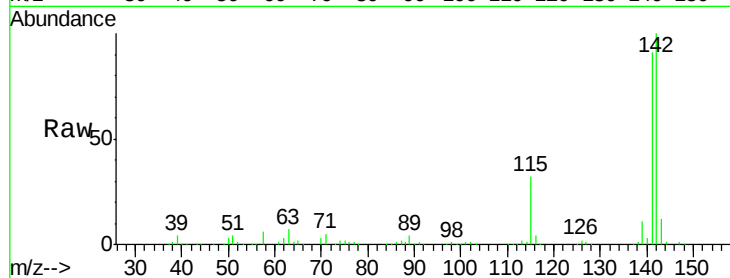
Tot Ion:142 Resp: 251982

Ion Ratio Lower Upper

142 100

141 91.3 71.3 106.9

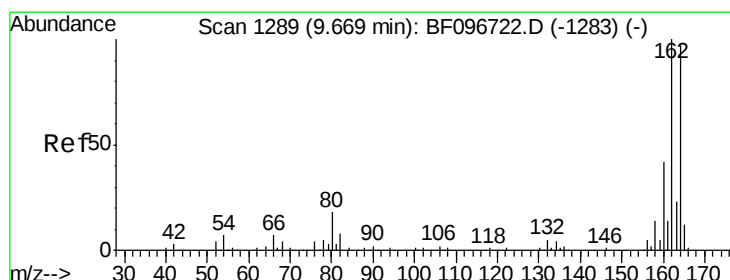
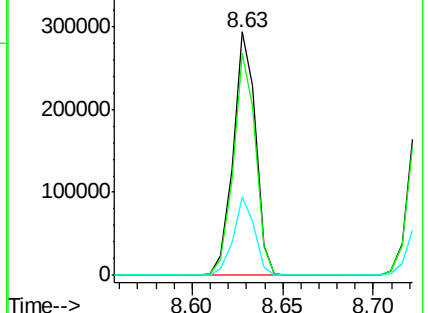
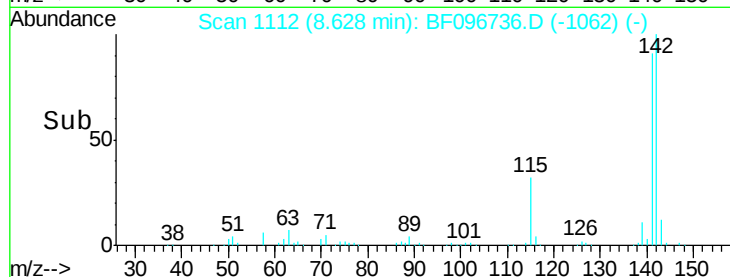
115 32.4 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.67 min Scan# 1289

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

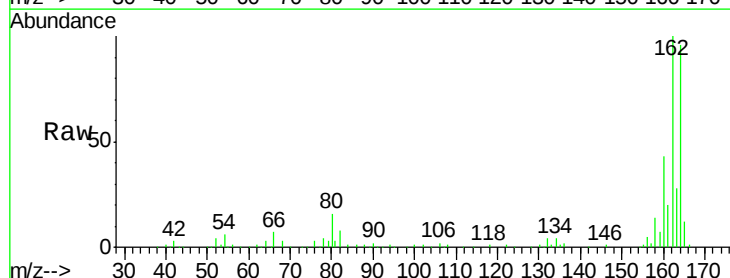
Tgt Ion:164 Resp: 175337

Ion Ratio Lower Upper

164 100

162 104.1 82.6 123.8

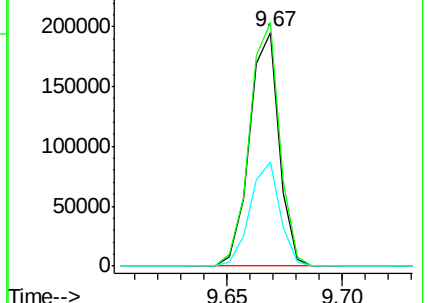
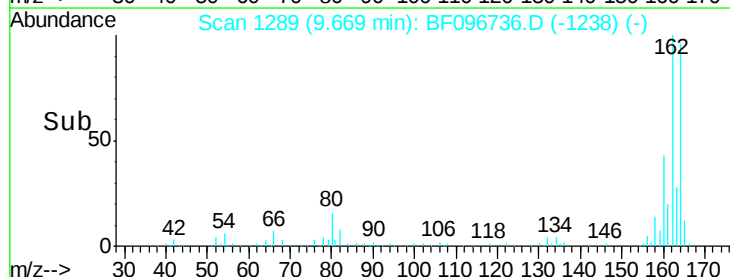
160 44.7 36.2 54.2

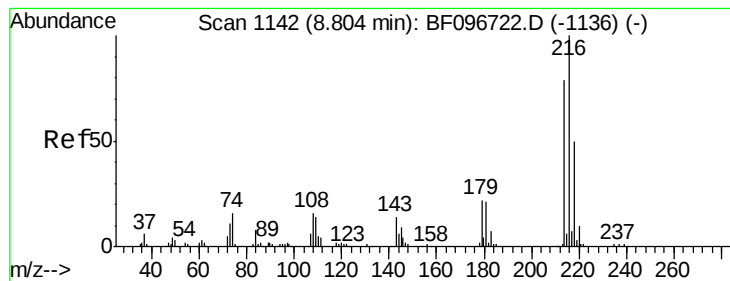


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 21.97 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

Tot Ion:216 Resp: 104140

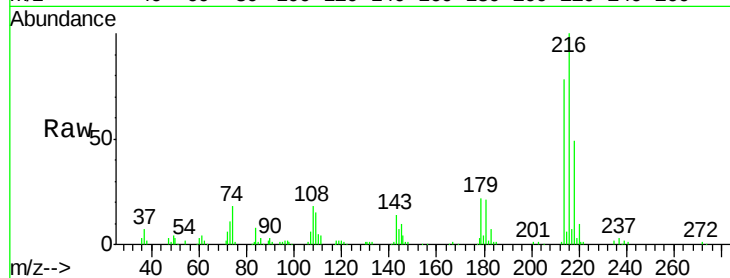
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.3 17.9 26.9

108 19.1 16.5 24.7

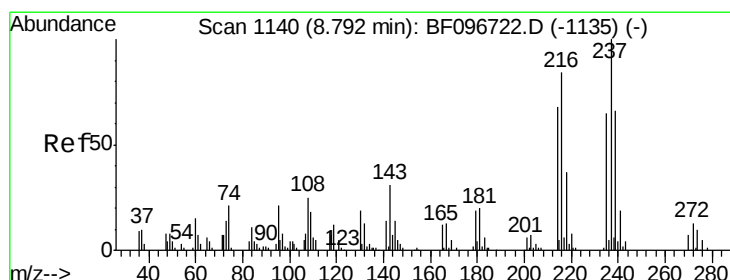
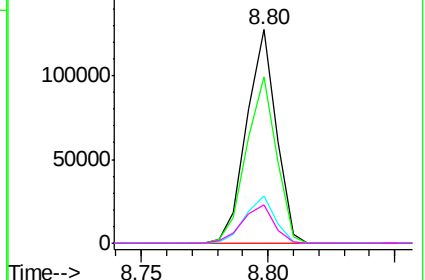
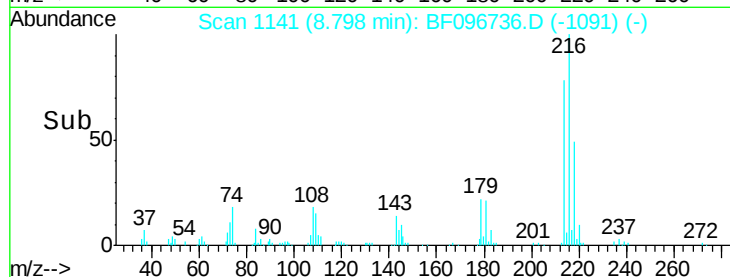


Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.47 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

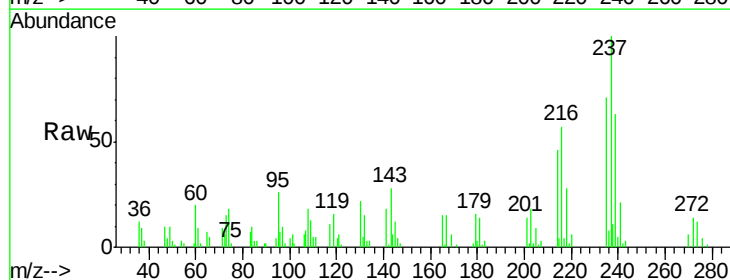
Tgt Ion:237 Resp: 27546

Ion Ratio Lower Upper

237 100

235 71.3 42.6 82.6

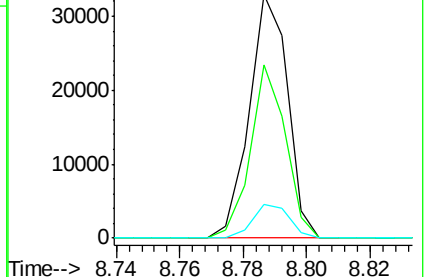
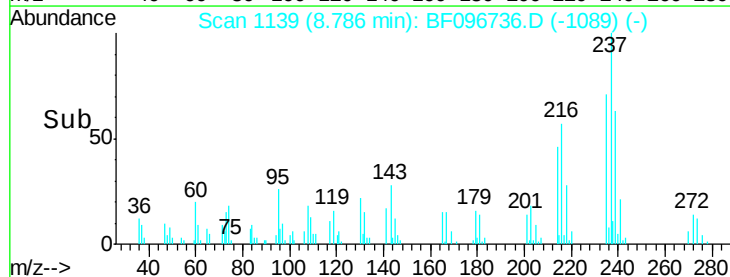
272 13.7 0.0 31.9

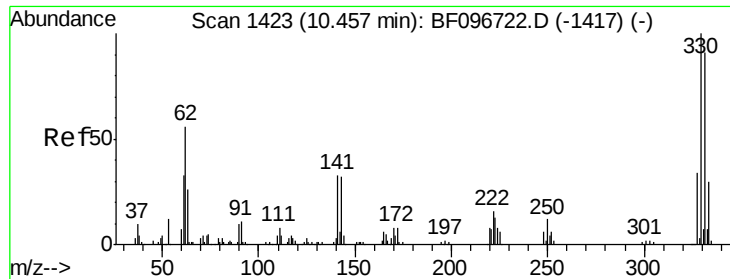


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

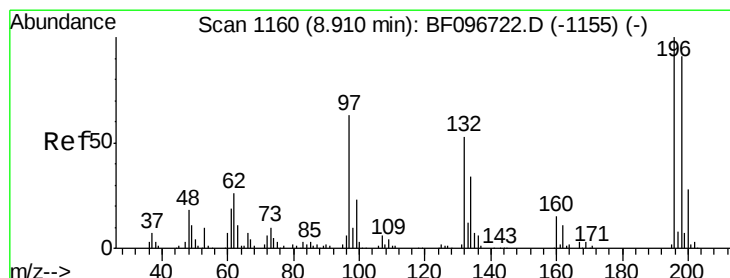
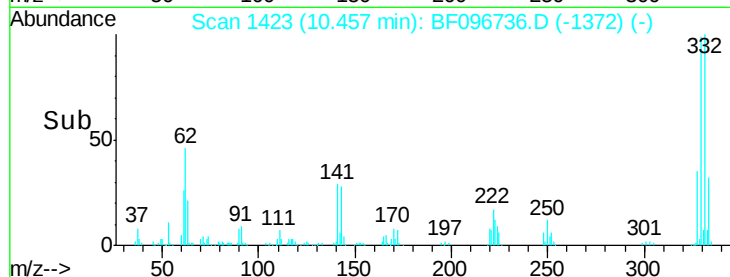
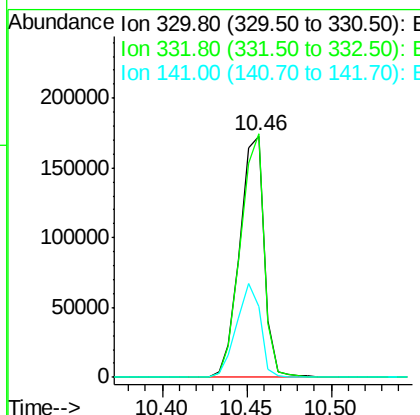
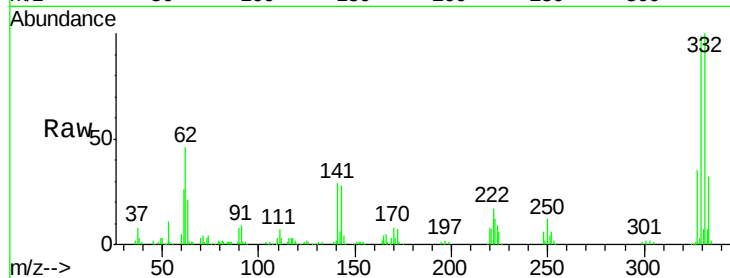




#41
 2,4,6-Tribromophenol
 Concen: 117.39 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

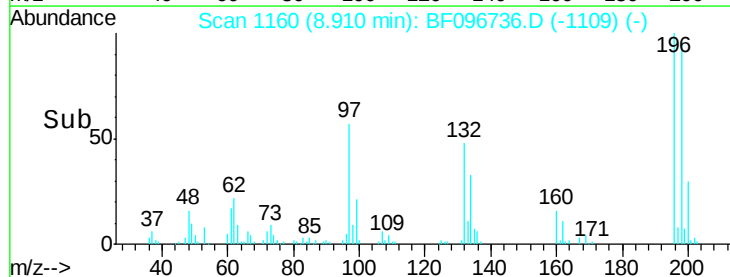
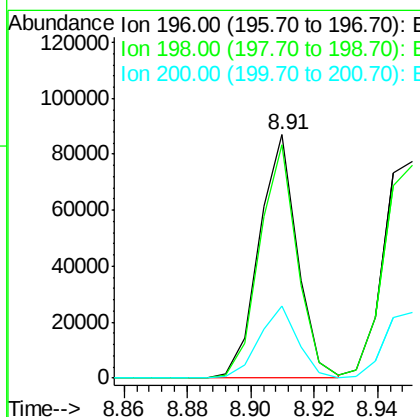
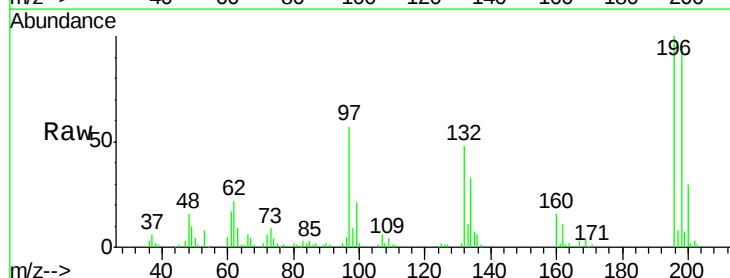
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

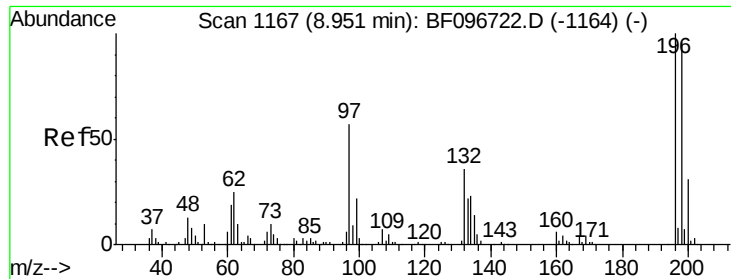
Tot Ion:330 Resp: 175692
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 20.77 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:196 Resp: 72623
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.2 111.4
 200 29.5 24.0 36.0

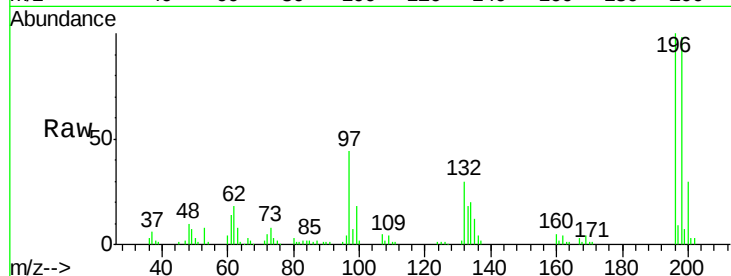




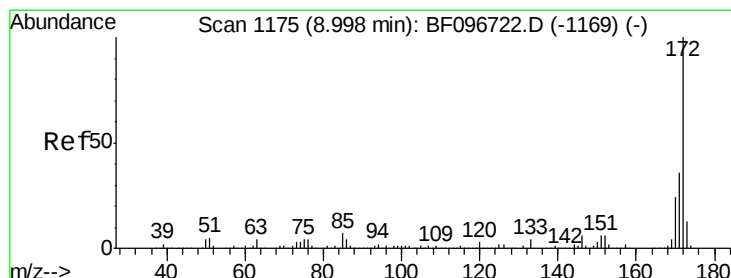
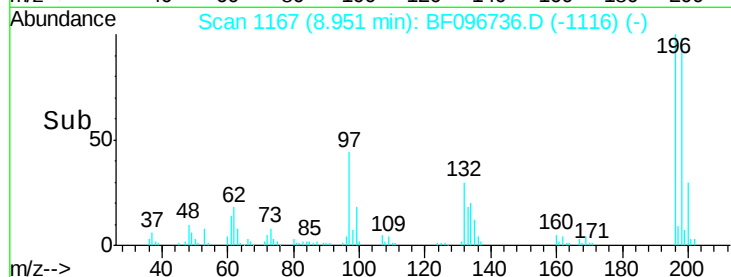
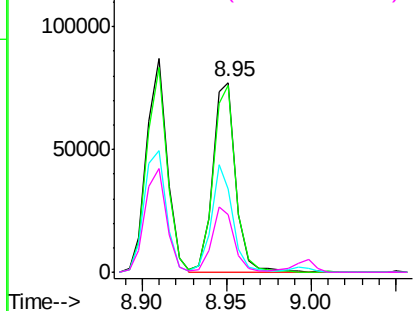
#43
2,4,5-Trichlorophenol
Concen: 20.91 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:196 Resp: 73726
Ion Ratio Lower Upper
196 100
198 98.1 75.7 113.5
97 44.0 47.7 71.5#
132 30.5 28.0 42.0

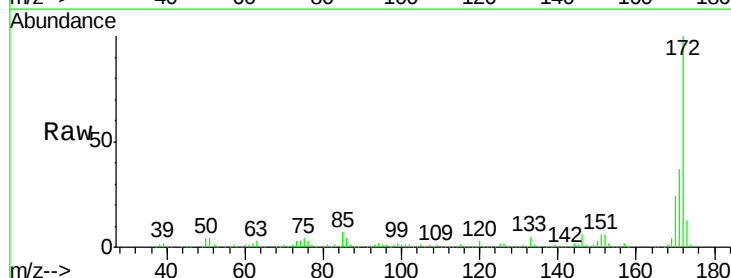


Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF0
Ion 132.00 (131.70 to 132.70): E

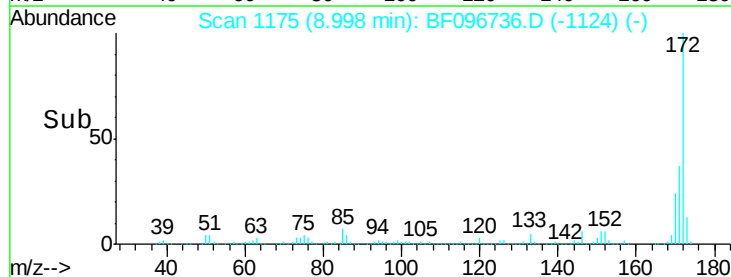
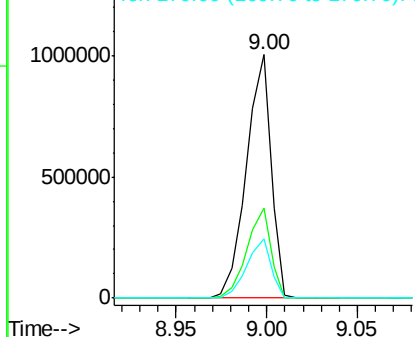


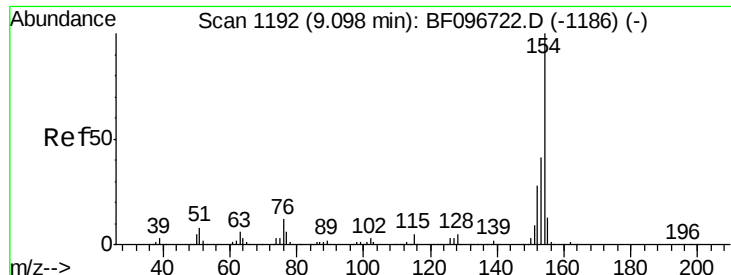
#44
2-Fluorobiphenyl
Concen: 85.86 ng
RT: 9.00 min Scan# 1175
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:172 Resp: 952808
Ion Ratio Lower Upper
172 100
171 36.9 29.6 44.4
170 24.3 19.8 29.8



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

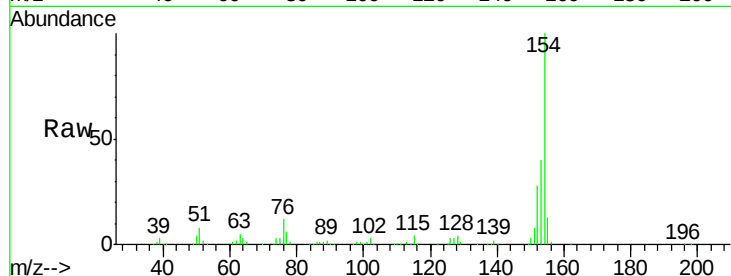




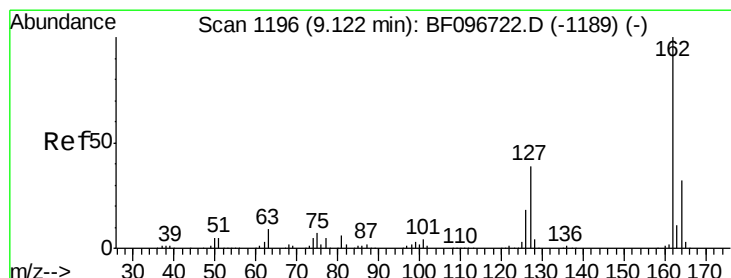
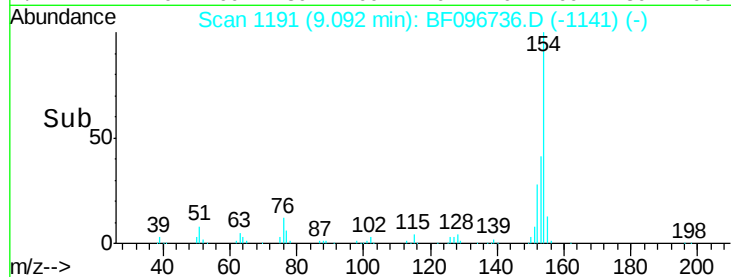
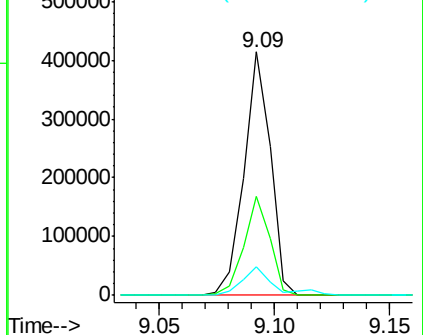
#45
 1,1'-Biphenyl
 Concen: 22.06 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

Tot Ion:154 Resp: 331700
 Ion Ratio Lower Upper
 154 100
 153 40.5 21.2 61.2
 76 11.8 0.0 29.9

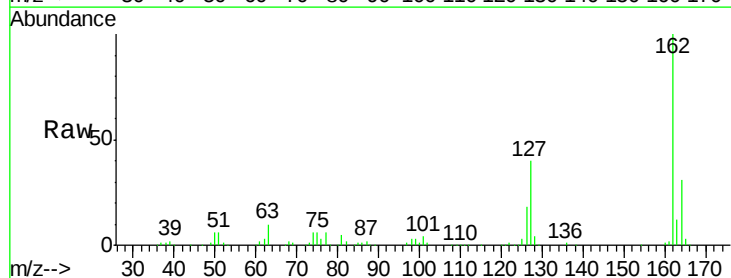


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BFO

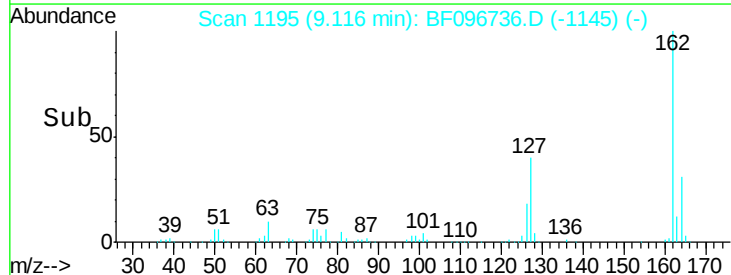
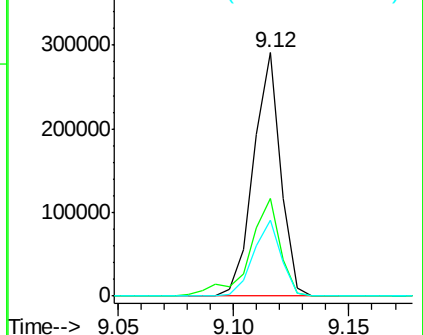


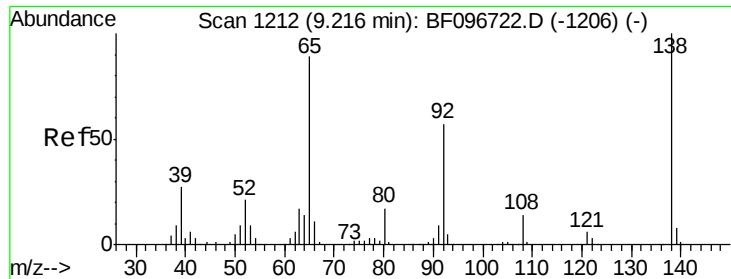
#46
 2-Chloronaphthalene
 Concen: 21.59 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:162 Resp: 239096
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 31.3 27.0 40.4



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

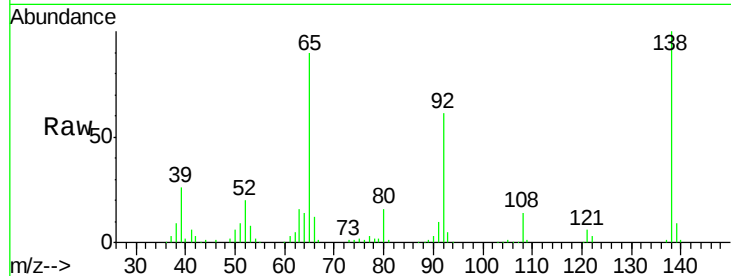




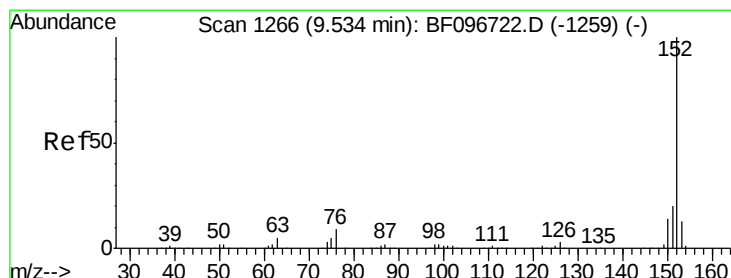
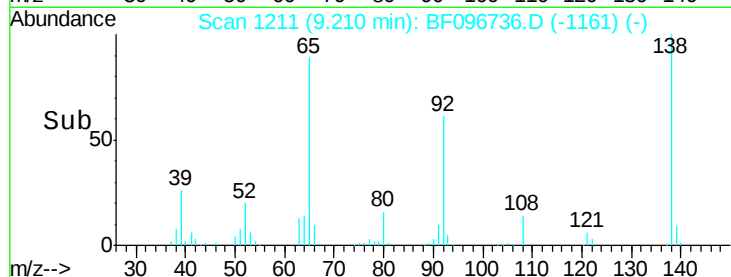
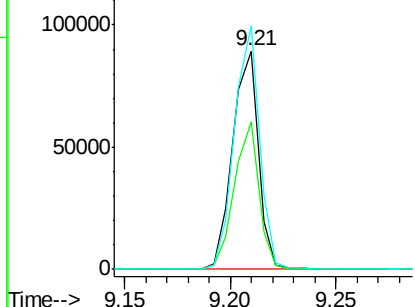
#47
2-Nitroaniline
Concen: 19.74 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion: 65 Resp: 75138
Ion Ratio Lower Upper
65 100
92 67.7 53.9 80.9
138 111.6 78.8 118.2

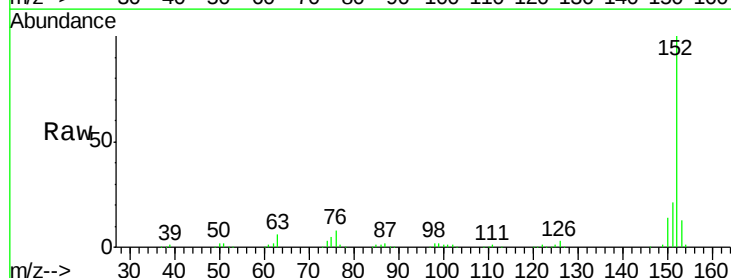


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

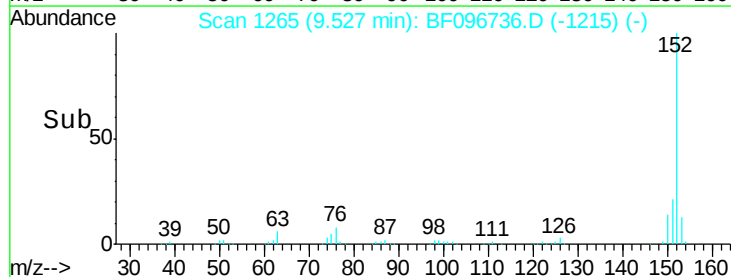
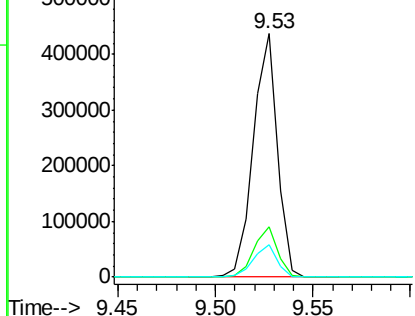


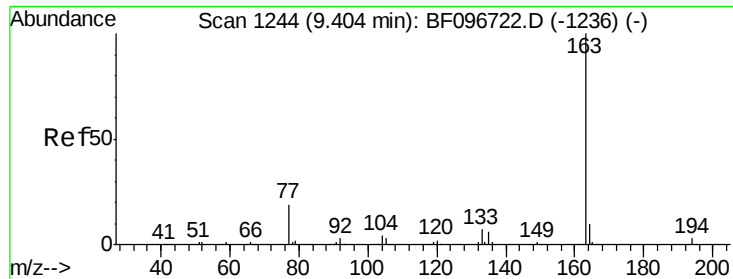
#48
Acenaphthylene
Concen: 21.12 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion: 152 Resp: 372602
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

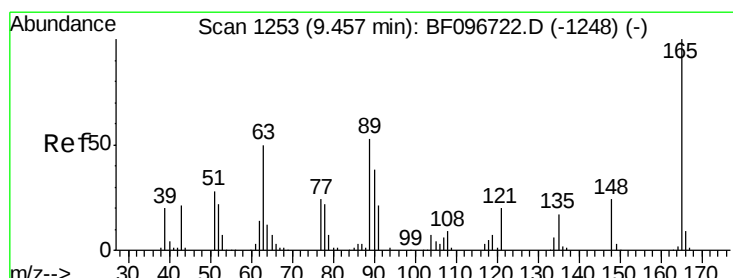
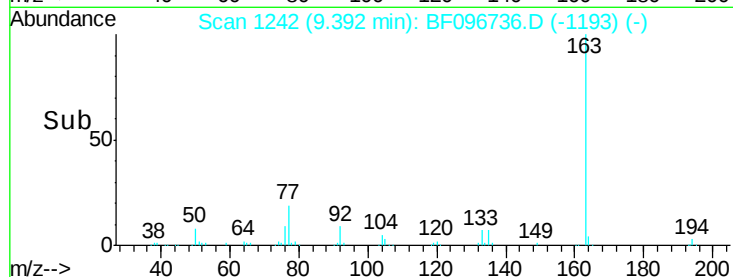
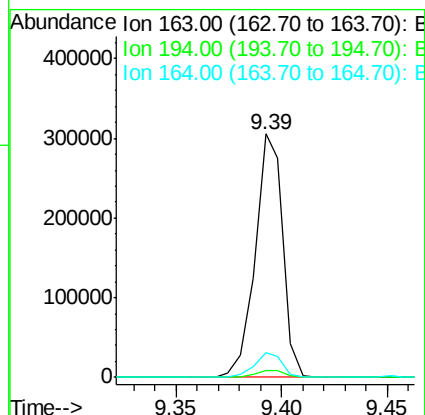
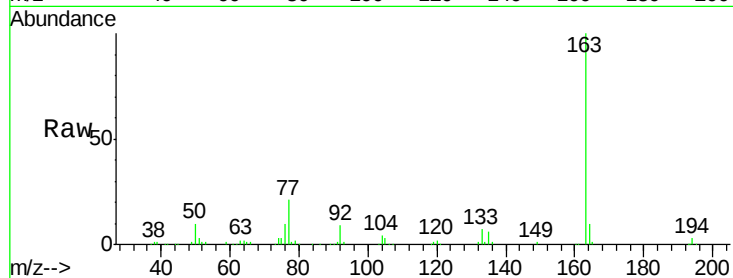




#49
Dimethylphthalate
Concen: 20.96 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

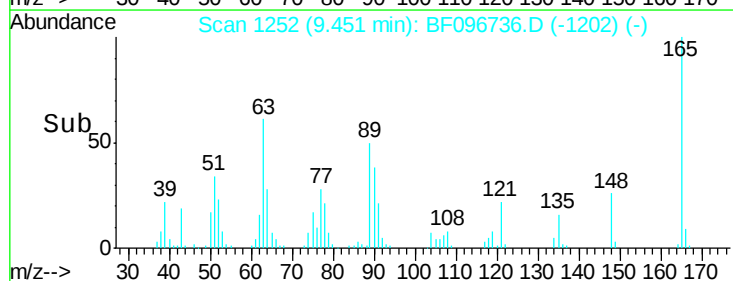
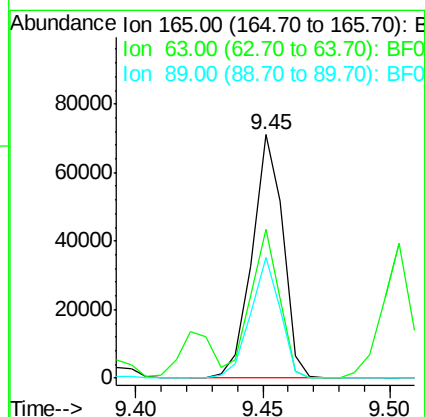
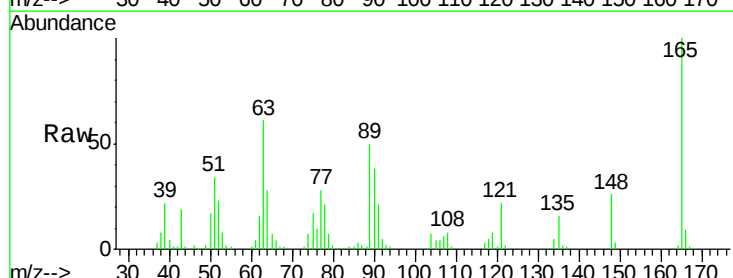
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

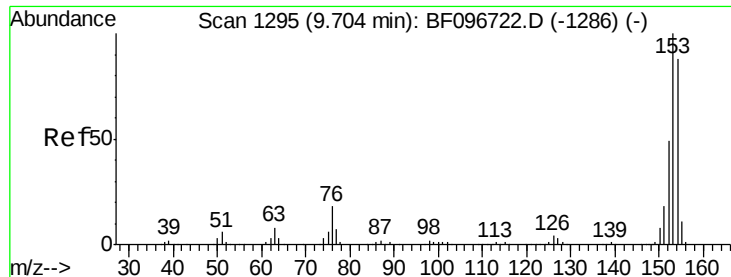
Tot Ion:163 Resp: 276661
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 10.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 21.04 ng
RT: 9.45 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:165 Resp: 60172
Ion Ratio Lower Upper
165 100
63 61.3 34.3 51.5#
89 49.8 37.1 55.7

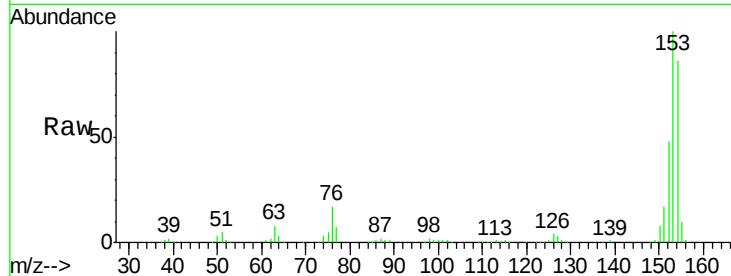




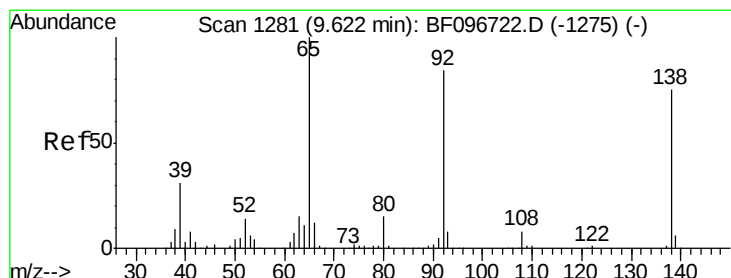
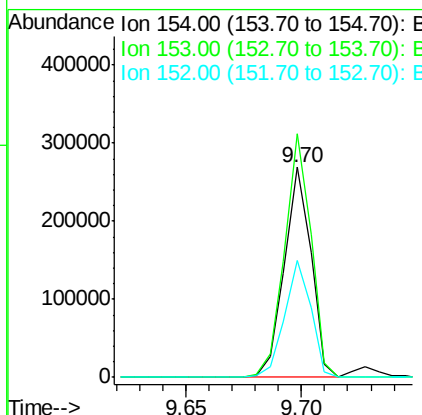
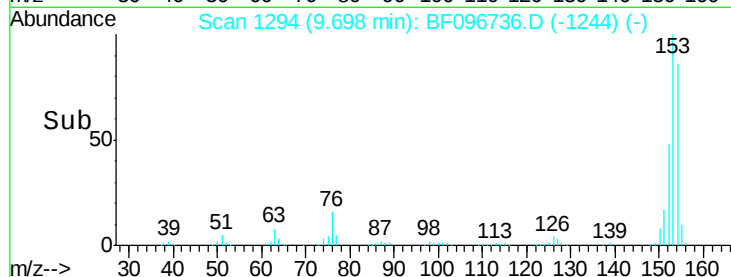
#51
Acenaphthene
Concen: 20.66 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:154 Resp: 215329
Ion Ratio Lower Upper
154 100
153 116.0 90.5 135.7
152 55.5 43.6 65.4

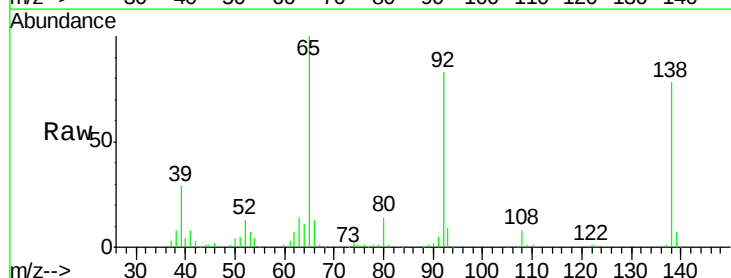


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

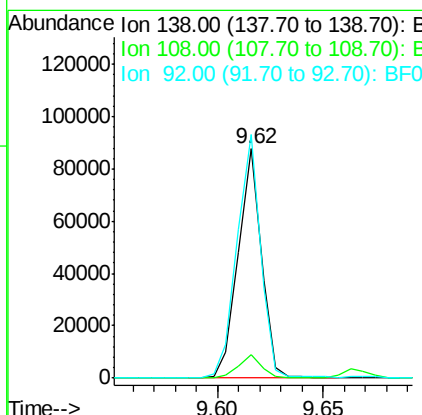
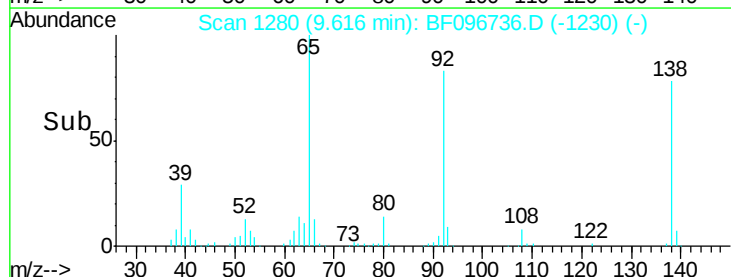


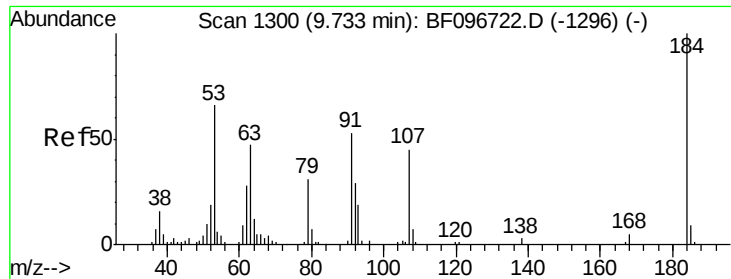
#52
3-Nitroaniline
Concen: 19.78 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:138 Resp: 67020
Ion Ratio Lower Upper
138 100
108 10.3 9.1 13.7
92 106.3 93.8 140.6



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): BF0

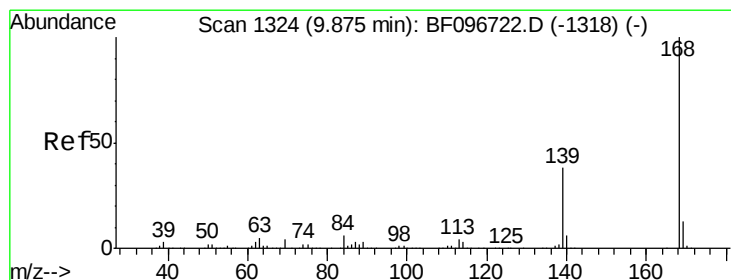
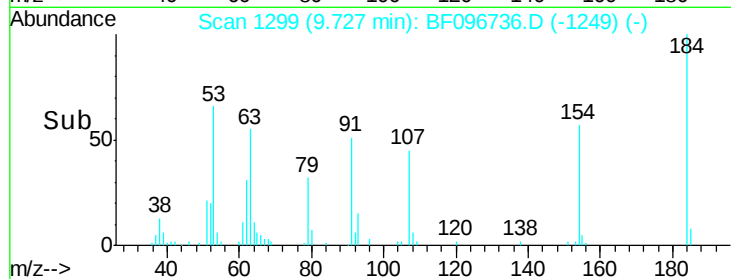
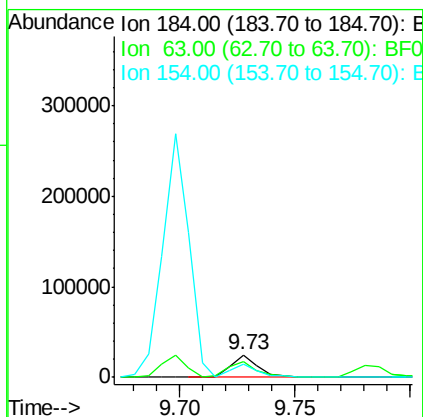
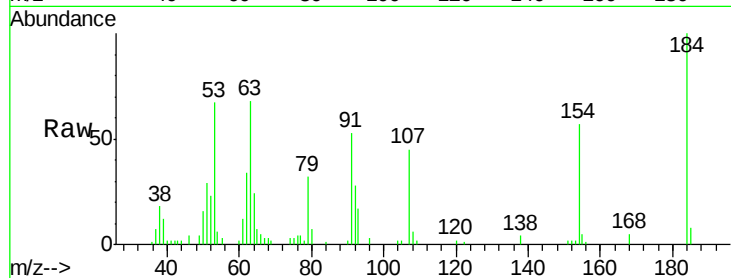




#53
 2,4-Dinitrophenol
 Concen: 19.96 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

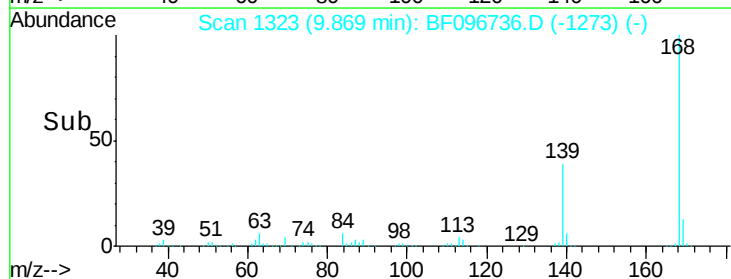
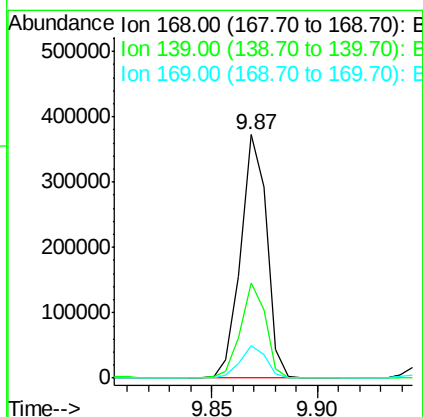
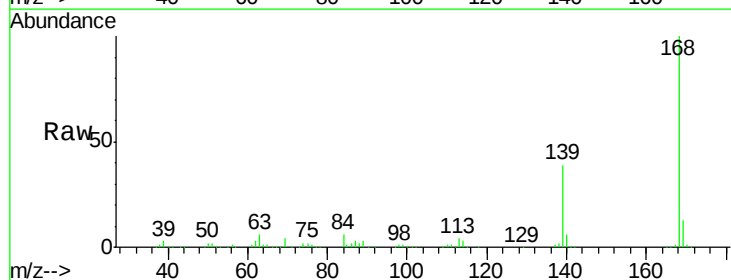
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

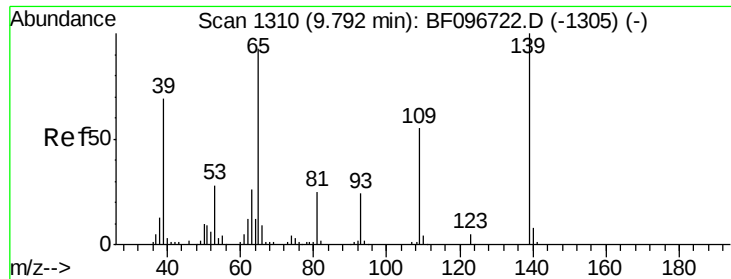
Tot Ion:184 Resp: 20436
 Ion Ratio Lower Upper
 184 100
 63 68.1 62.7 94.1
 154 56.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 21.71 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:168 Resp: 317017
 Ion Ratio Lower Upper
 168 100
 139 38.9 30.6 45.8
 169 13.1 10.8 16.2





#55

4-Nitrophenol

Concen: 18.91 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

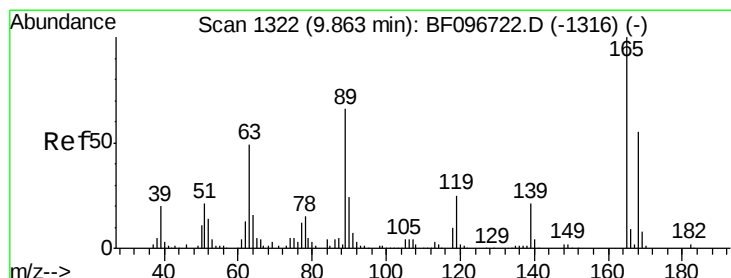
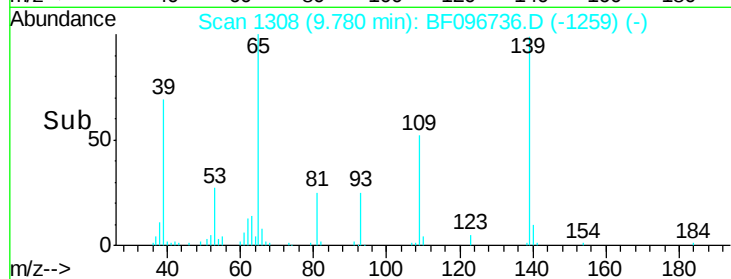
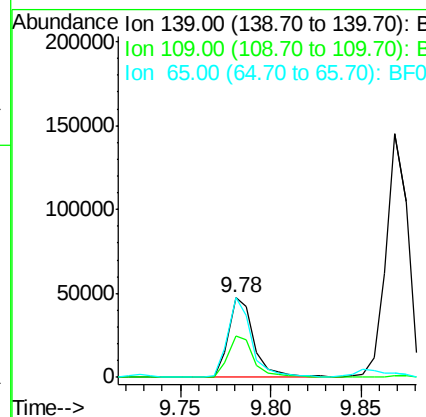
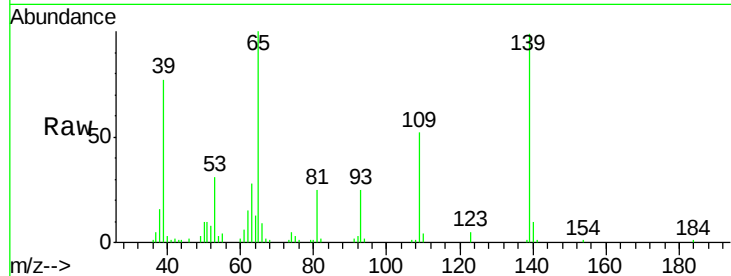
Tot Ion:139 Resp: 46794

Ion Ratio Lower Upper

139 100

109 52.3 34.1 74.1

65 100.8 31.4 71.4#



#56

2,4-Dinitrotoluene

Concen: 20.57 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Tgt Ion:165 Resp: 75597

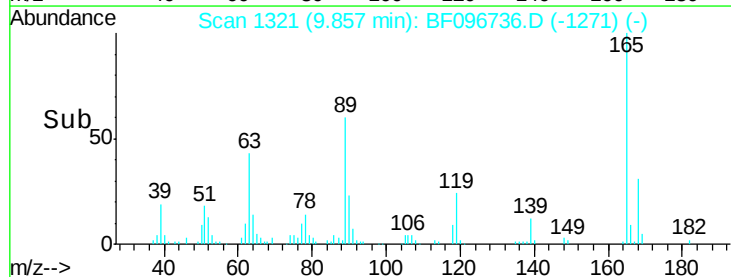
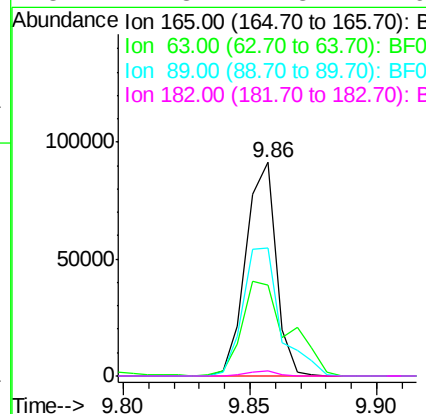
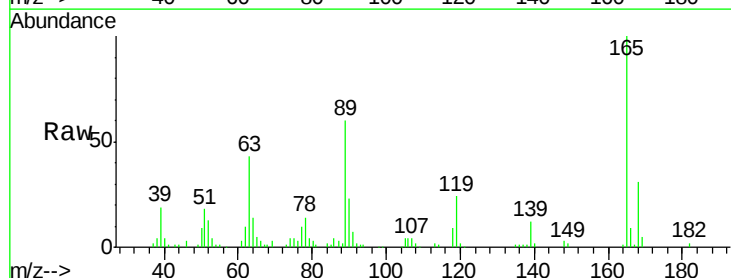
Ion Ratio Lower Upper

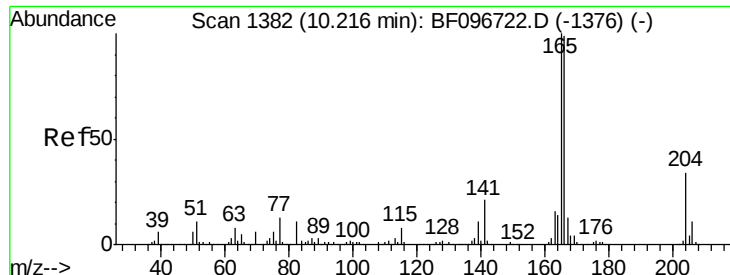
165 100

63 42.6 25.4 38.0#

89 59.7 46.4 69.6

182 2.3 1.8 2.6





#57

Fluorene

Concen: 22.81 ng

RT: 10.21 min Scan# 1381

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

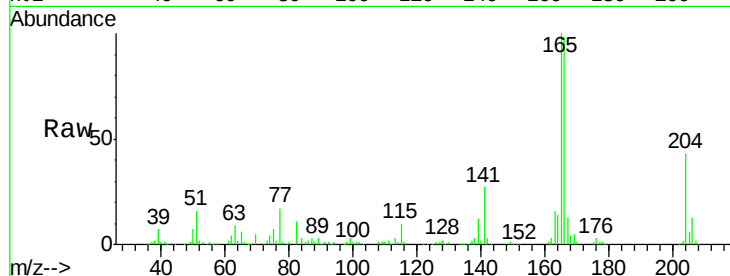
Tot Ion:166 Resp: 246130

Ion Ratio Lower Upper

166 100

165 101.6 78.8 118.2

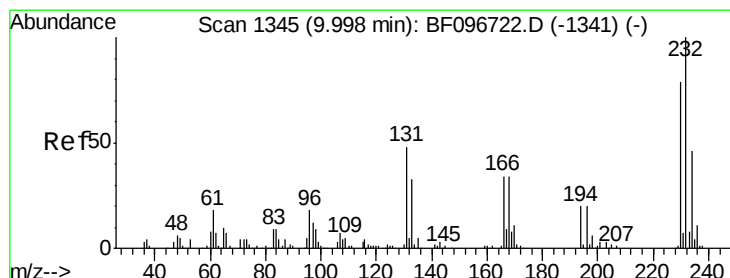
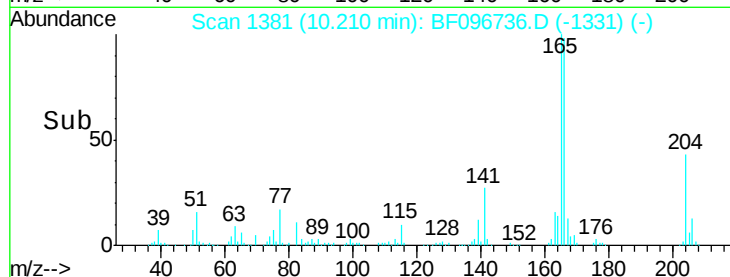
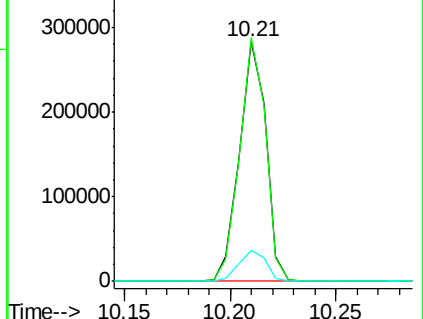
167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.64 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Tgt Ion:232 Resp: 50464

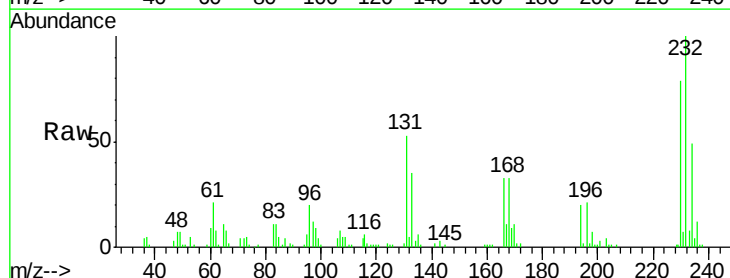
Ion Ratio Lower Upper

232 100

131 54.7 44.8 67.2

130 2.3 2.3 3.5#

166 33.8 29.0 43.4

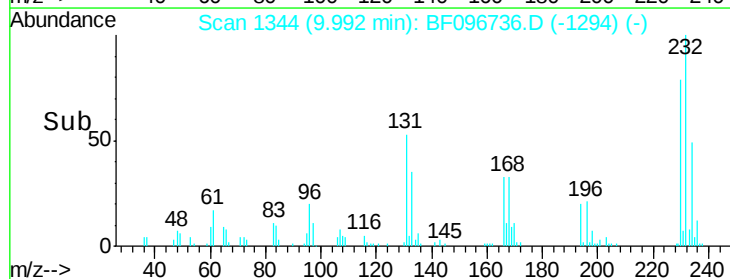
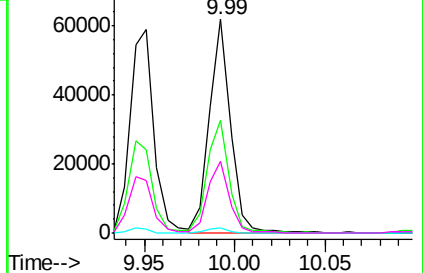


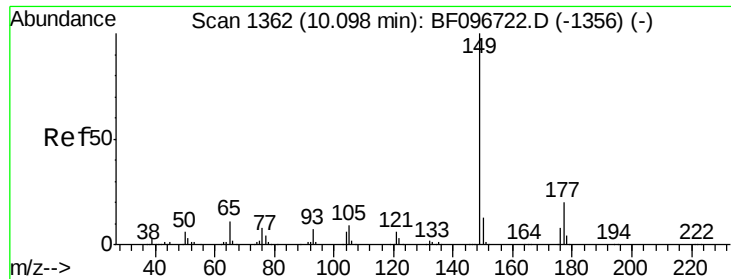
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

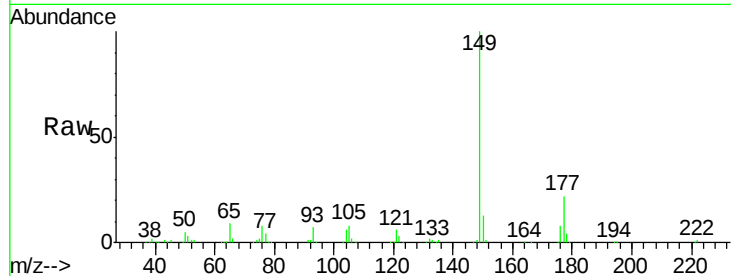




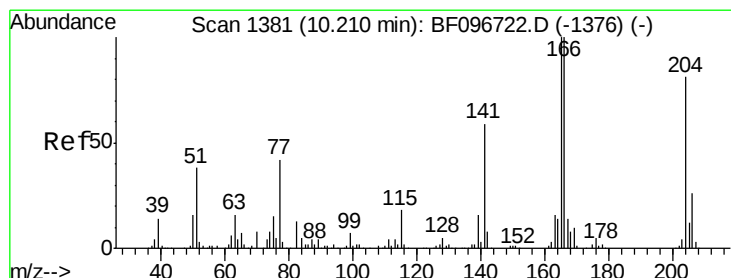
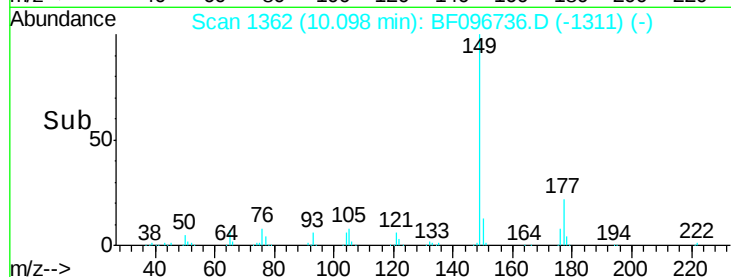
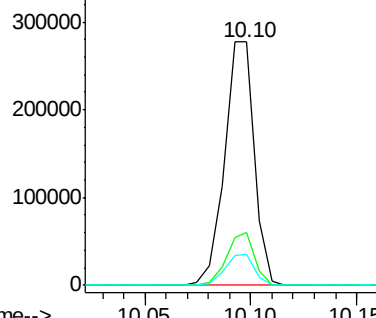
#59
Diethylphthalate
Concen: 21.24 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

Tot Ion:149 Resp: 272962
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2

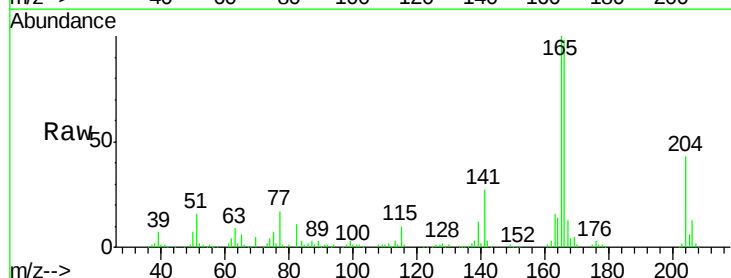


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

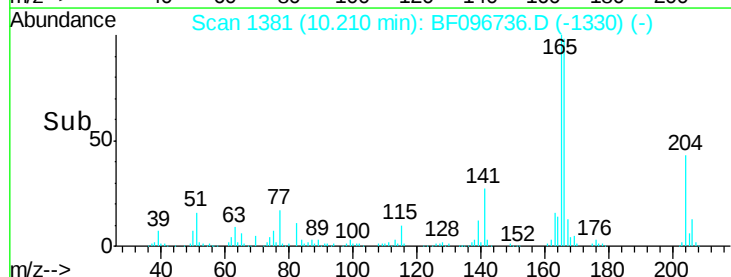
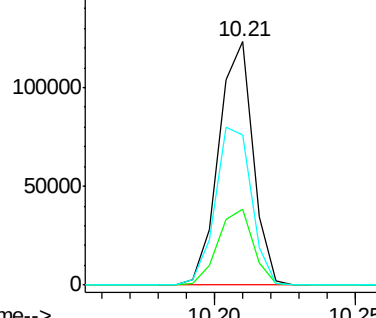


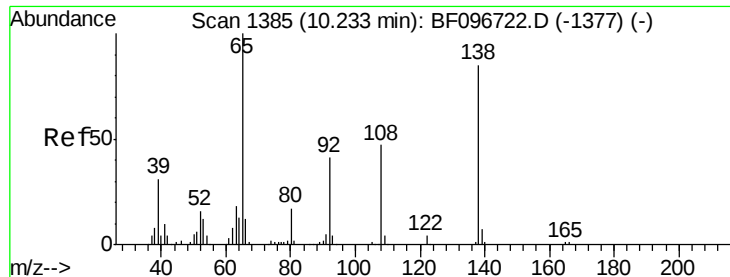
#60
4-Chlorophenyl-phenylether
Concen: 20.04 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:204 Resp: 104255
Ion Ratio Lower Upper
204 100
206 31.2 26.2 39.2
141 61.9 60.8 91.2



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

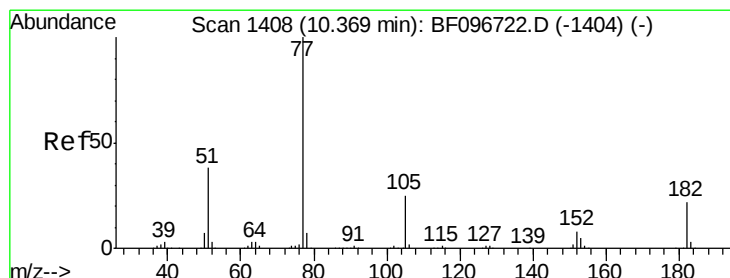
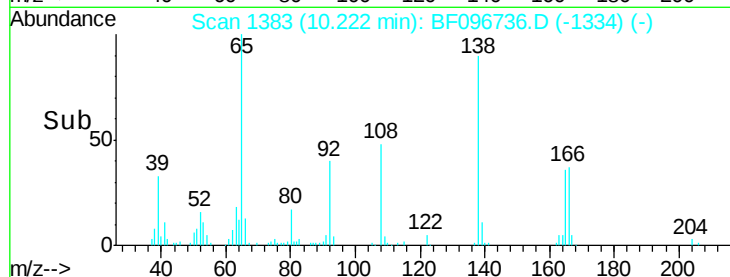
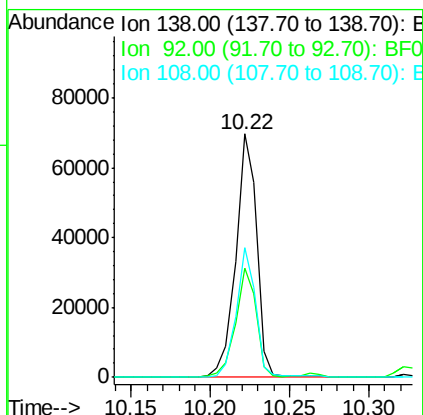
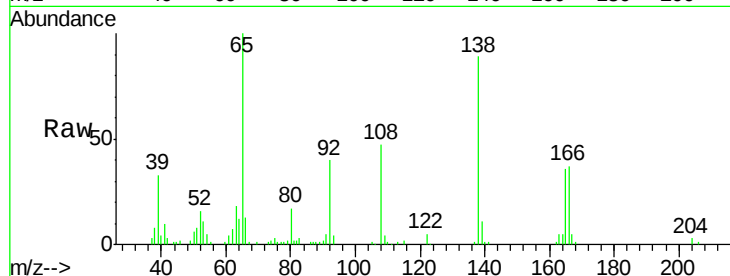




#61
4-Nitroaniline
Concen: 20.10 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

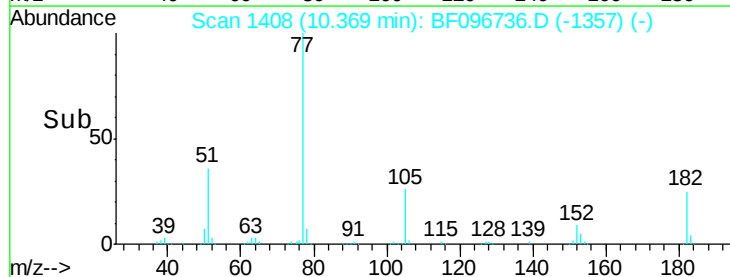
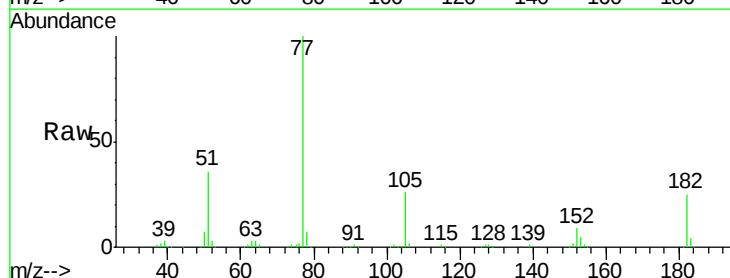
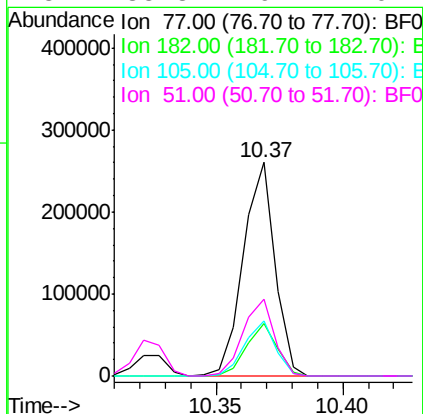
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

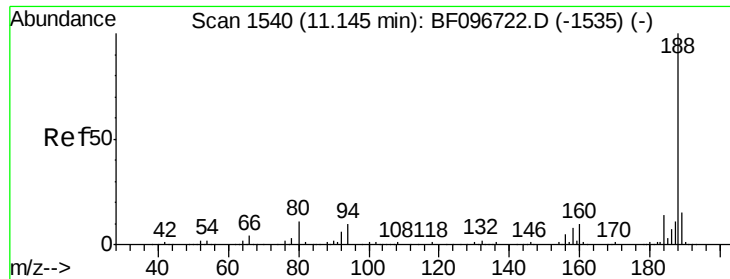
Tot Ion:138 Resp: 63936
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 19.90 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion: 77 Resp: 225616
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 25.5 3.6 43.6
51 35.8 9.4 49.4

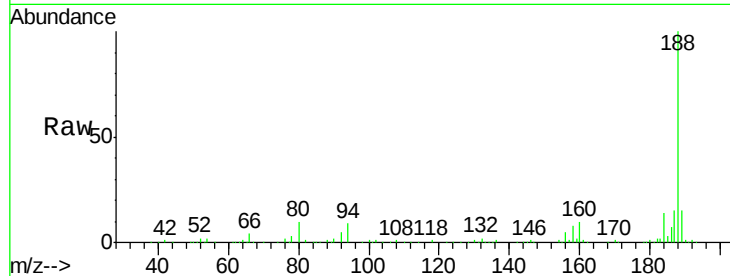




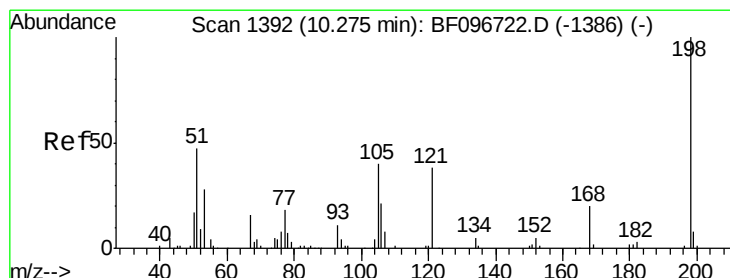
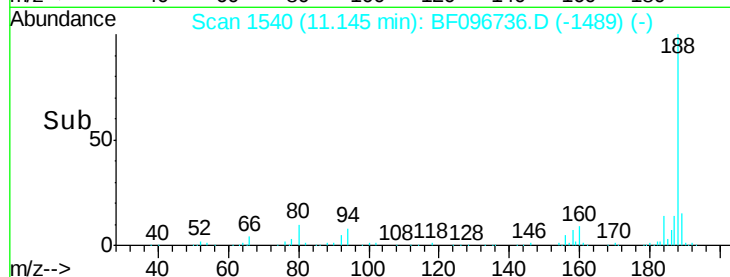
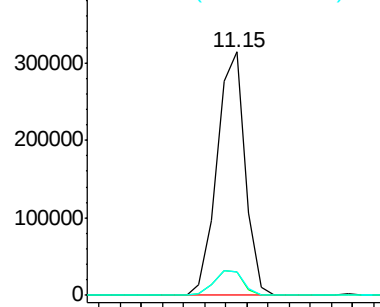
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	9.4	14.2
80	9.8	10.2	15.2#

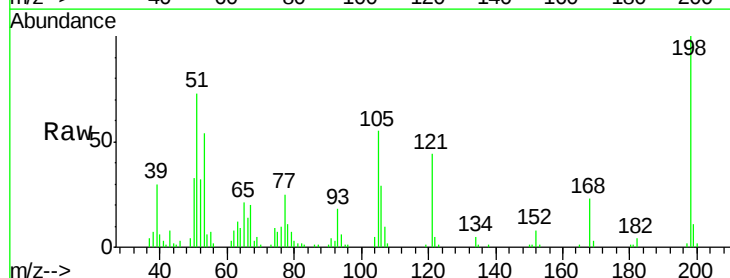


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

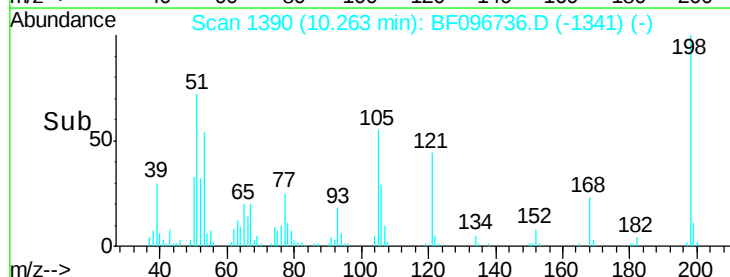
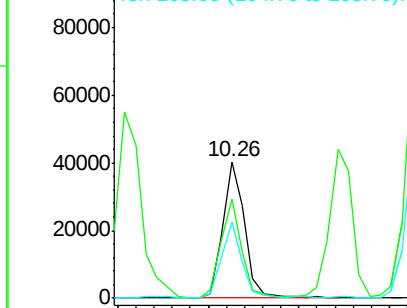


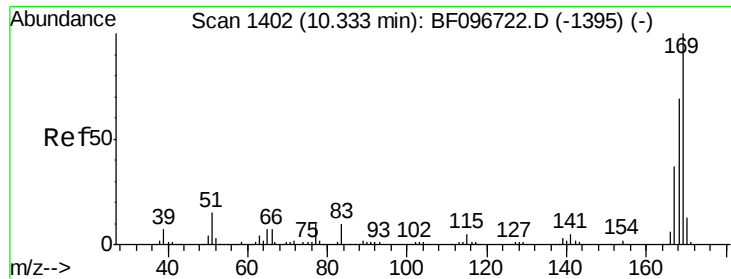
#64
 4,6-Dinitro-2-methylphenol
 Concen: 18.42 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
198	100		
51	72.7	53.2	93.2
105	55.4	45.8	85.8



Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

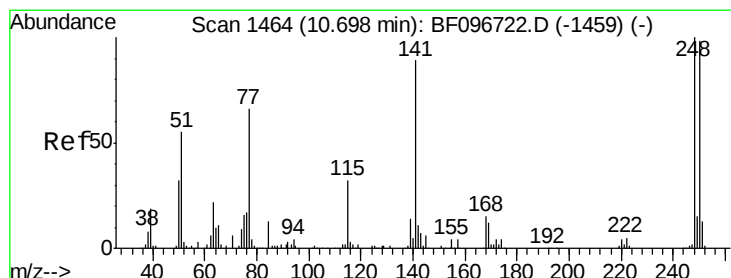
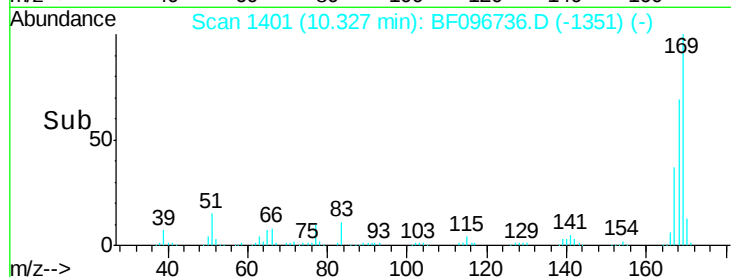
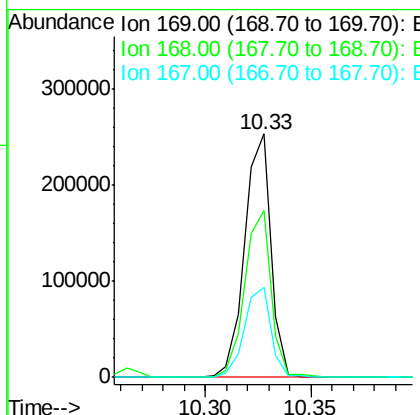
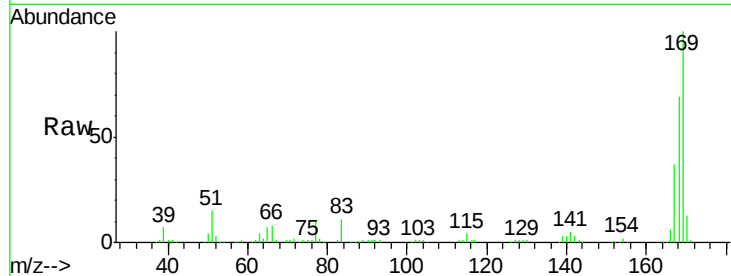




#65
 n-Nitrosodiphenylamine
 Concen: 21.12 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

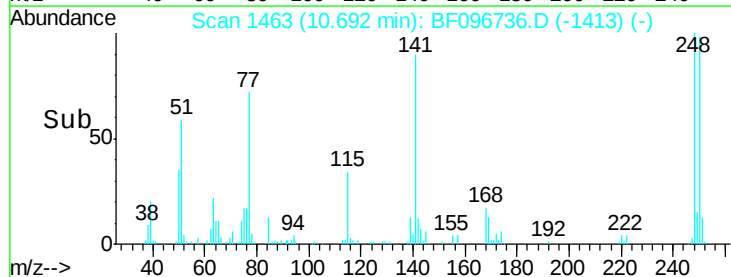
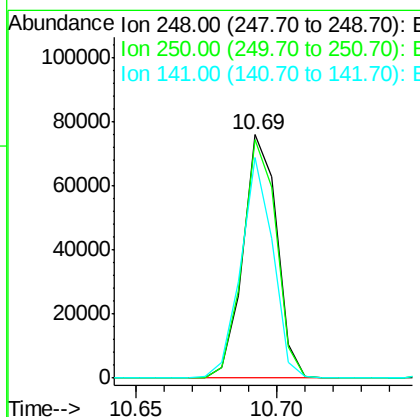
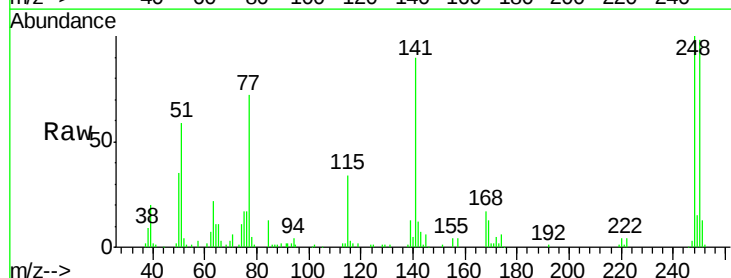
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

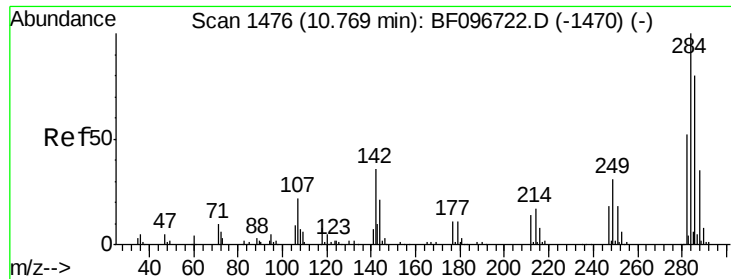
Tot Ion:169 Resp: 218861
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 21.35 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:248 Resp: 63185
 Ion Ratio Lower Upper
 248 100
 250 98.1 76.8 115.2
 141 90.3 68.6 103.0

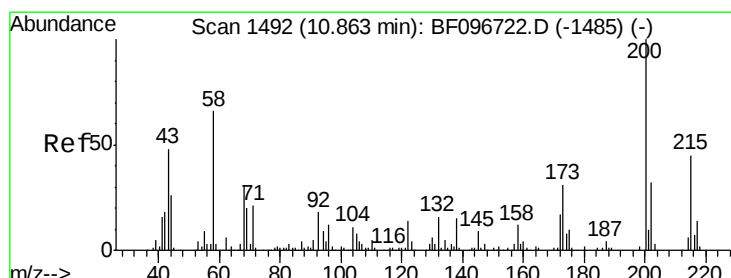
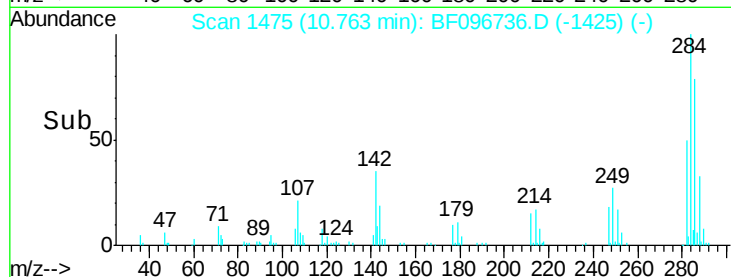
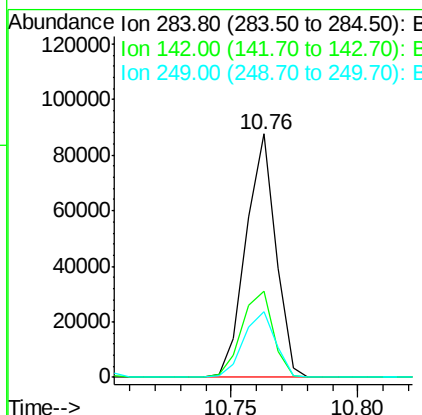
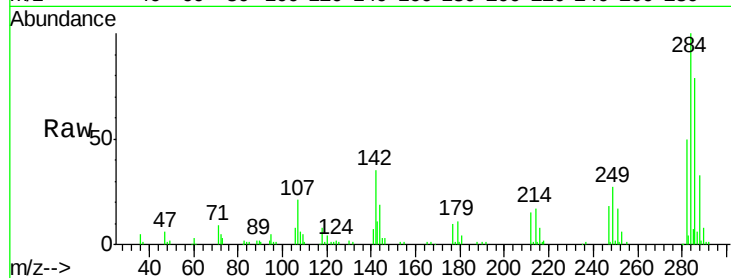




#67
Hexachlorobenzene
Concen: 21.77 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

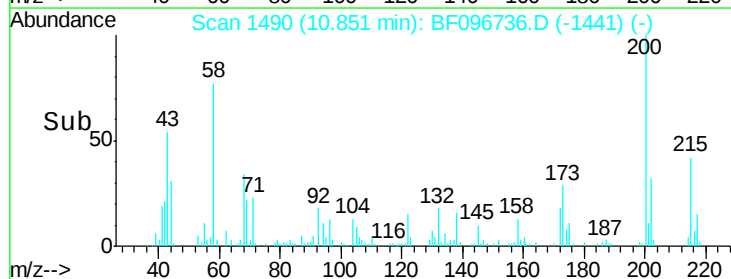
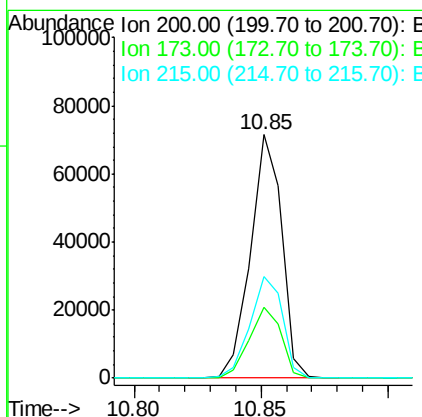
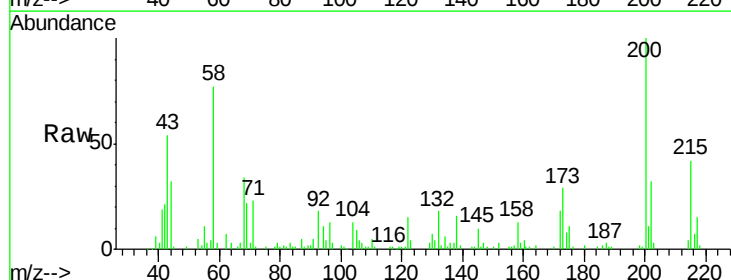
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

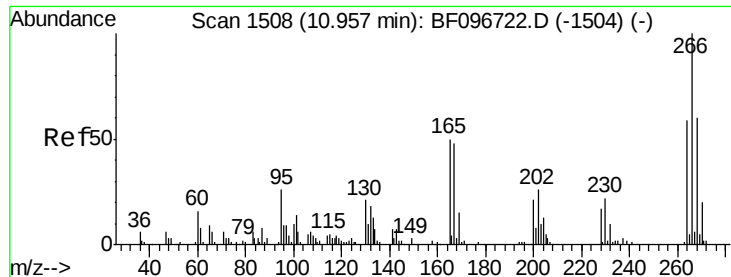
Tot Ion:284 Resp: 71763
Ion Ratio Lower Upper
284 100
142 35.5 22.8 34.2#
249 27.2 24.0 36.0



#68
Atrazine
Concen: 20.77 ng
RT: 10.85 min Scan# 1490
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:200 Resp: 61308
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 41.8 27.2 67.2

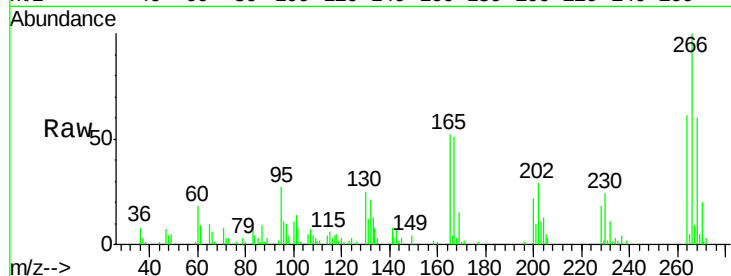




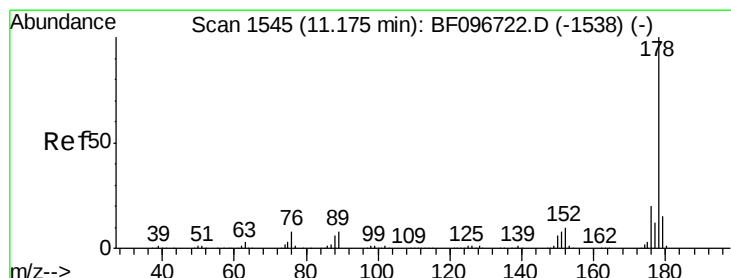
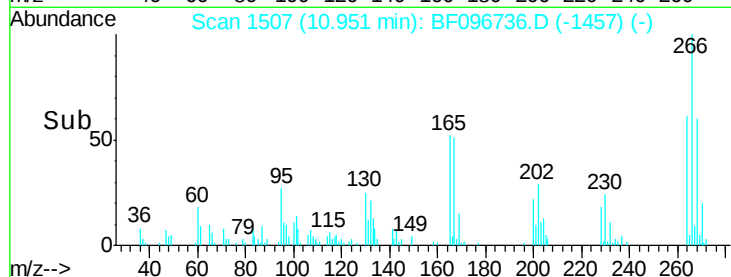
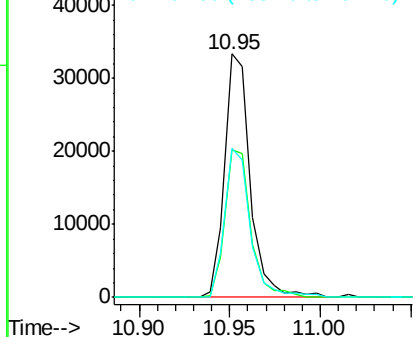
#69
 Pentachlorophenol
 Concen: 20.66 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

Tot Ion:266 Resp: 32903
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 61.0 51.7 77.5

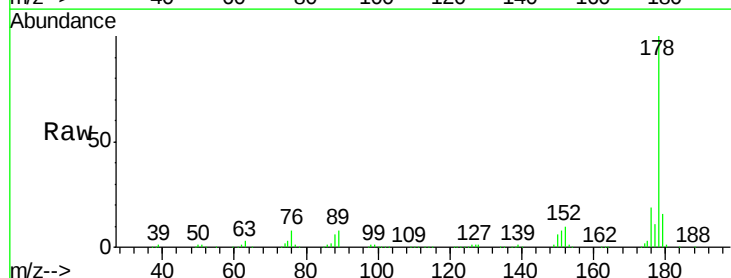


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

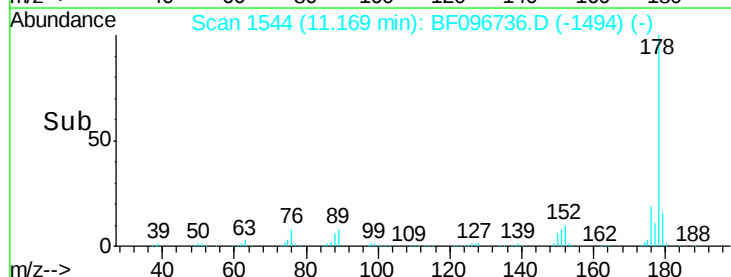
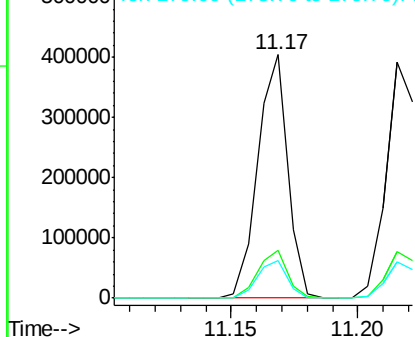


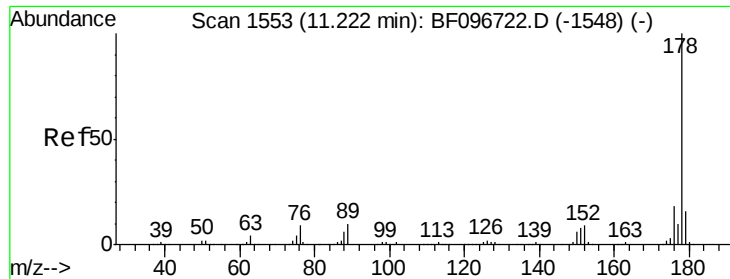
#70
 Phenanthrene
 Concen: 21.25 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:178 Resp: 334862
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.5 12.6 19.0



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

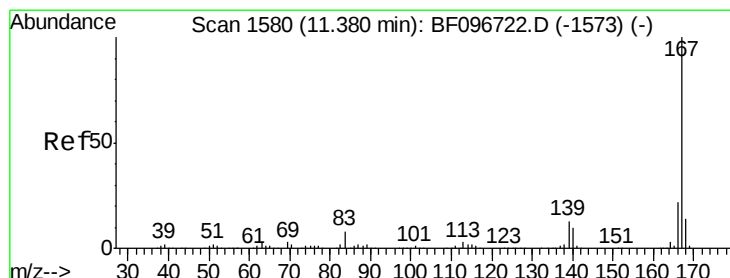
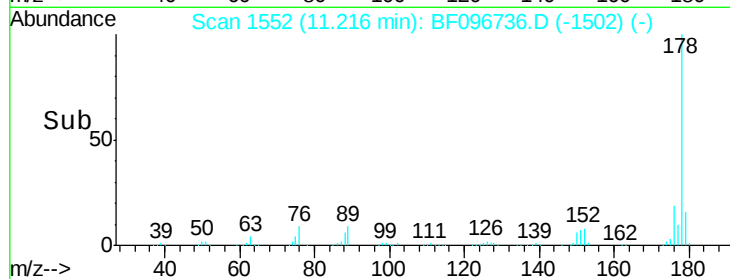
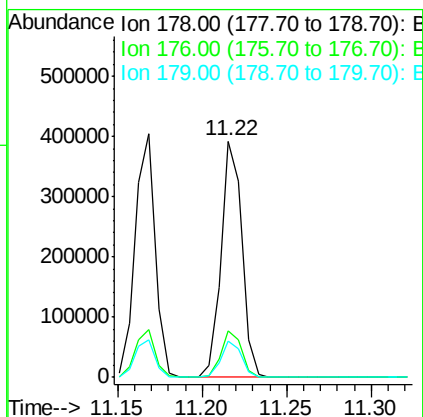
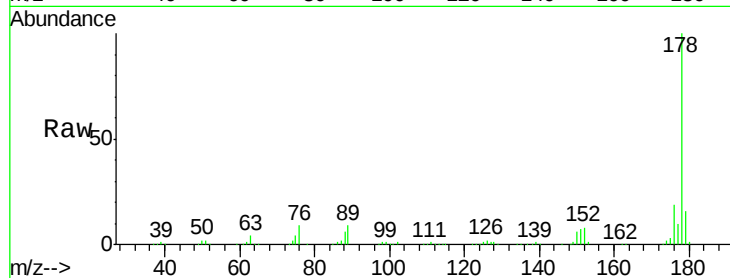




#71
 Anthracene
 Concen: 21.22 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

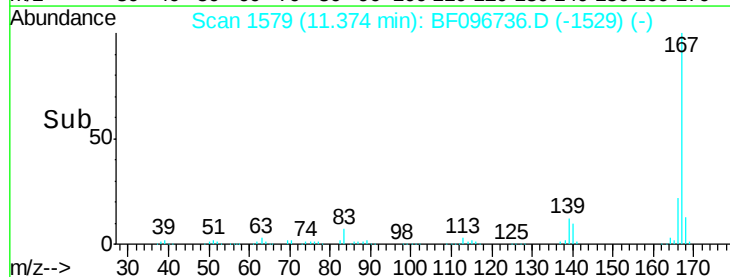
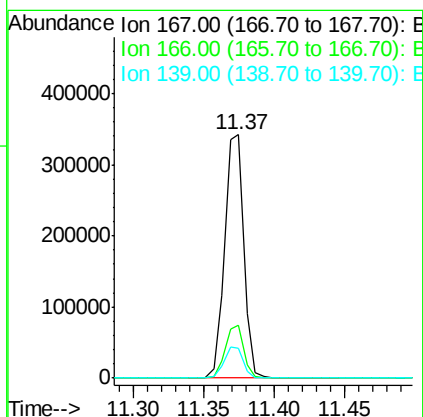
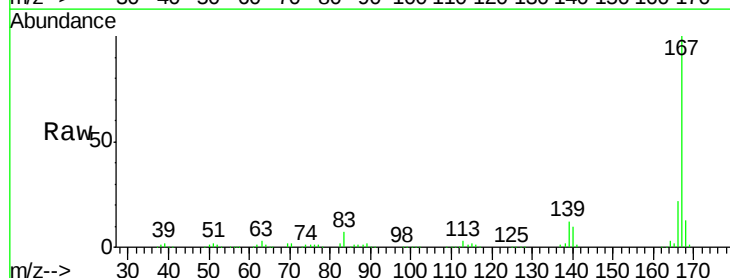
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

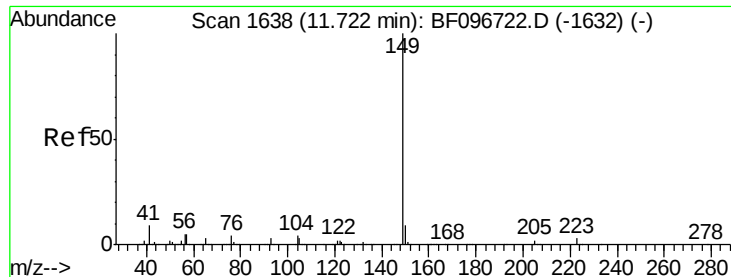
Tot Ion:178 Resp: 338140
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 20.90 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:167 Resp: 322557
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 21.08 ng

RT: 11.72 min Scan# 1637

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

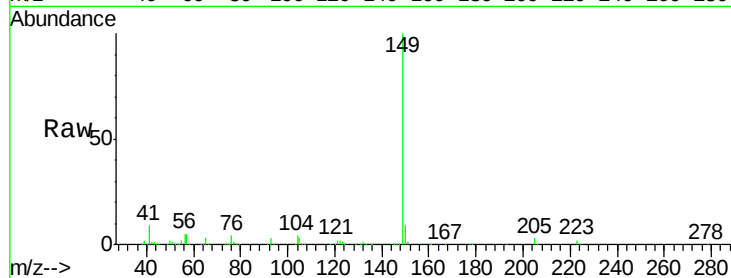
Tot Ion:149 Resp: 405086

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

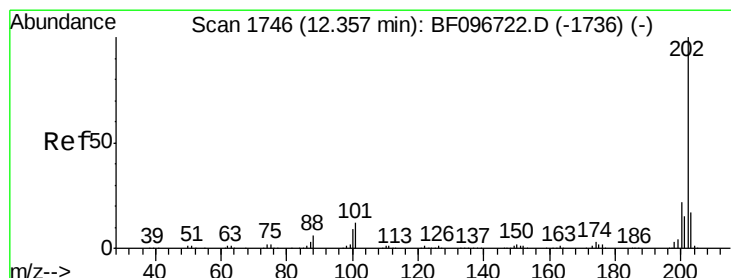
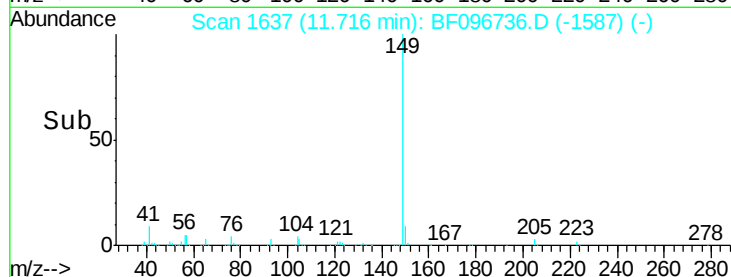
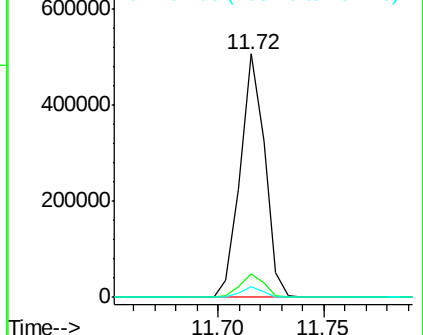
104 4.2 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 20.81 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

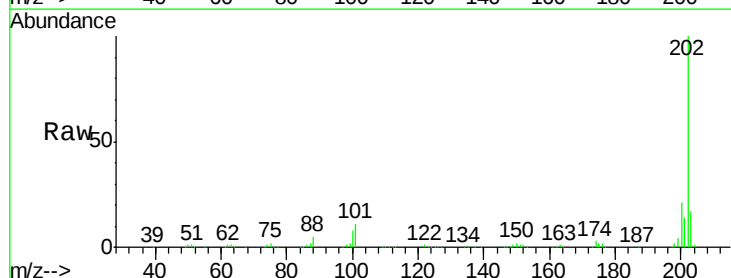
Tgt Ion:202 Resp: 313985

Ion Ratio Lower Upper

202 100

101 11.4 0.0 33.2

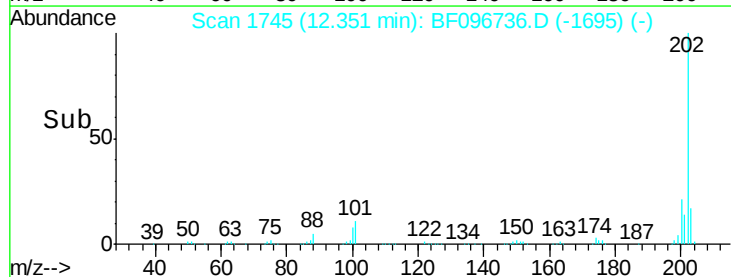
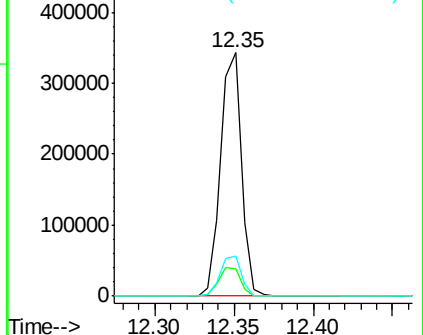
203 16.6 0.0 38.1

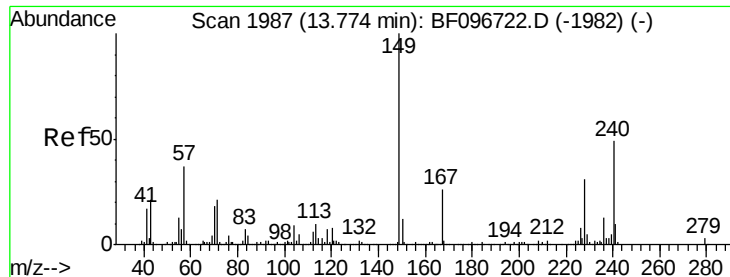


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

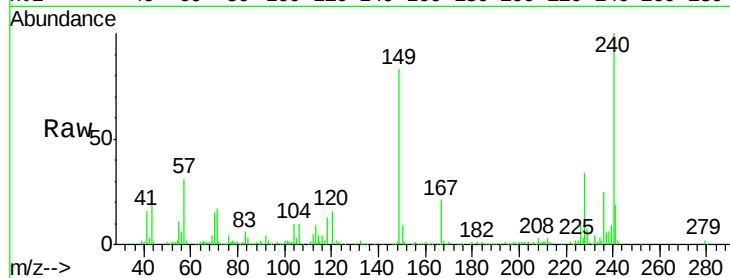
Tot Ion:240 Resp: 174412

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

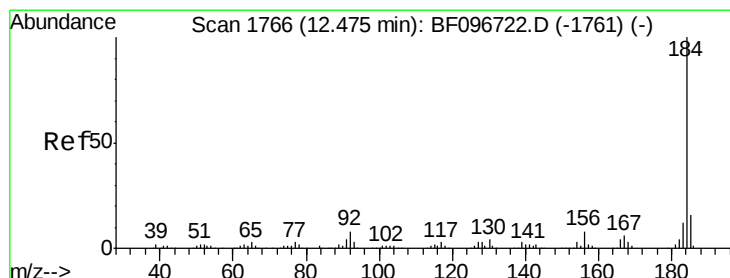
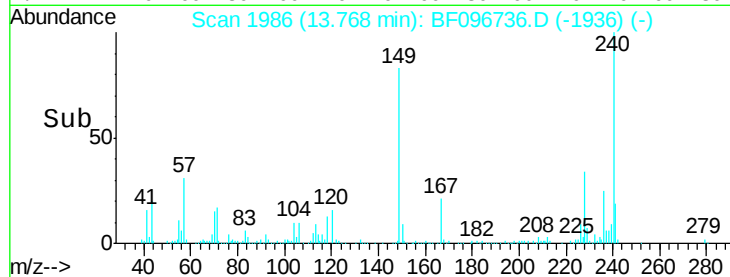
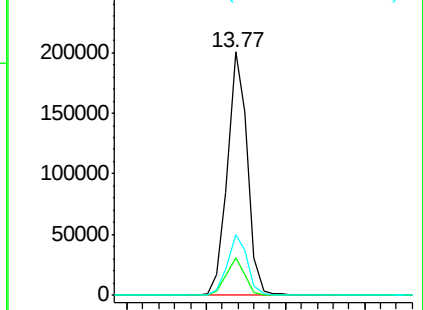
236 24.7 20.5 30.7



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: 15.97 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

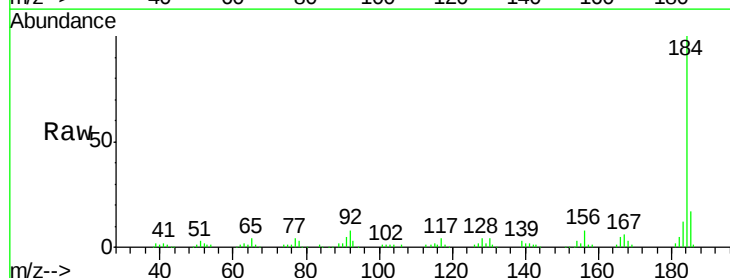
Tgt Ion:184 Resp: 91267

Ion Ratio Lower Upper

184 100

185 17.2 15.5 23.3

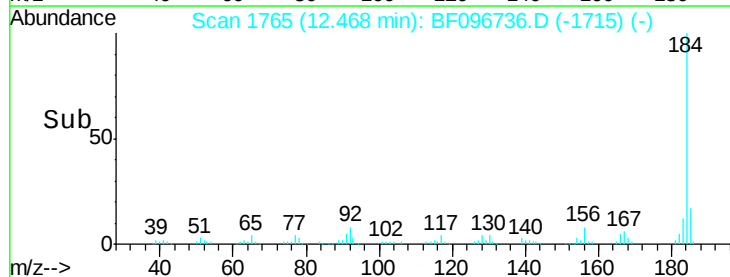
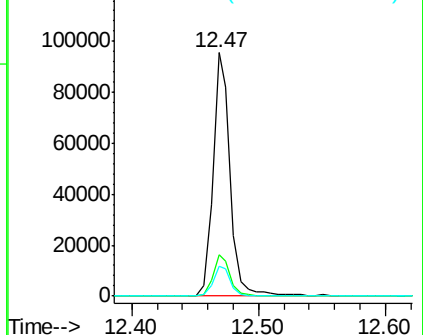
183 12.0 9.8 14.6

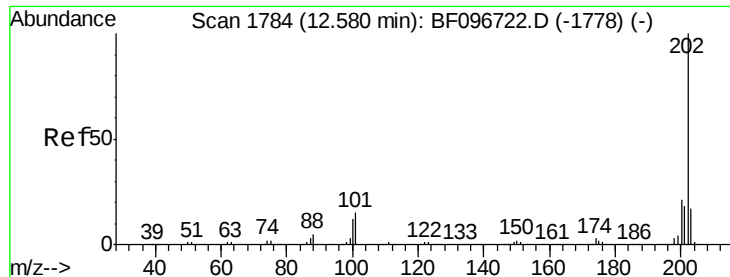


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

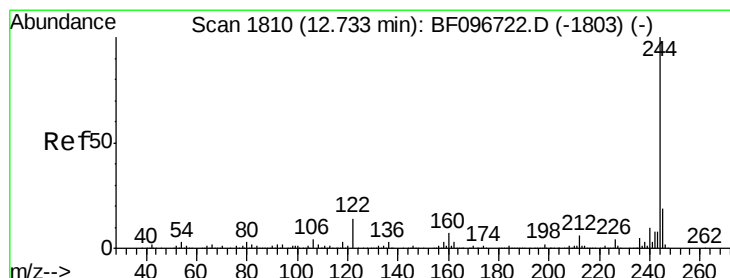
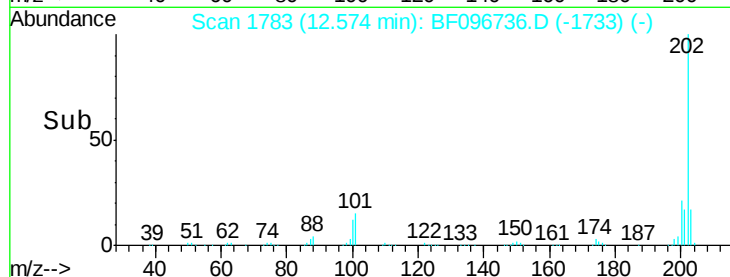
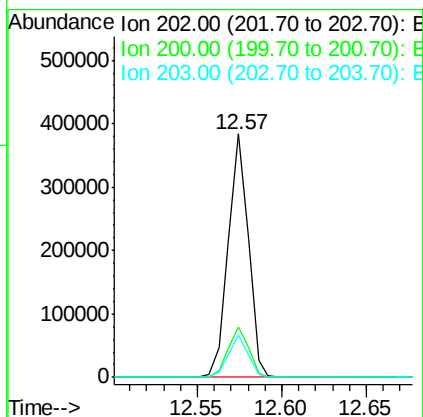
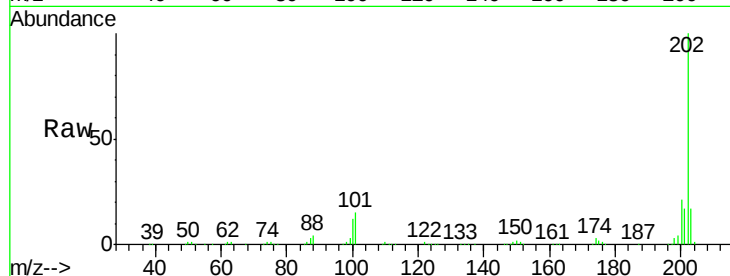




#77
Pvrene
Concen: 20.04 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

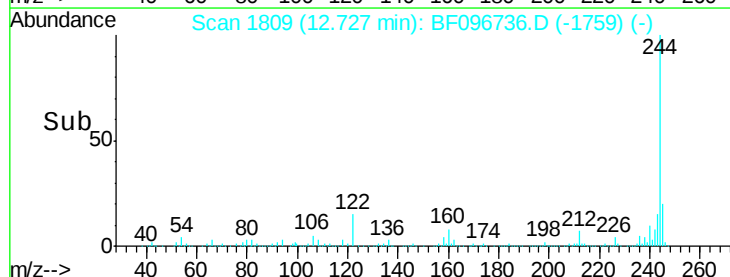
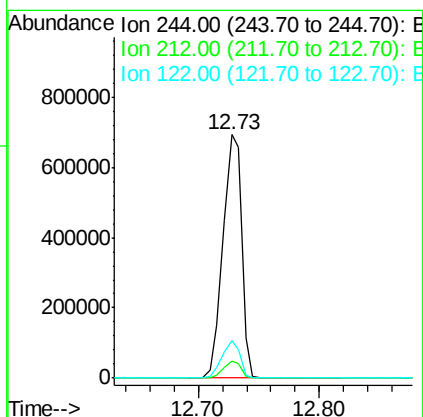
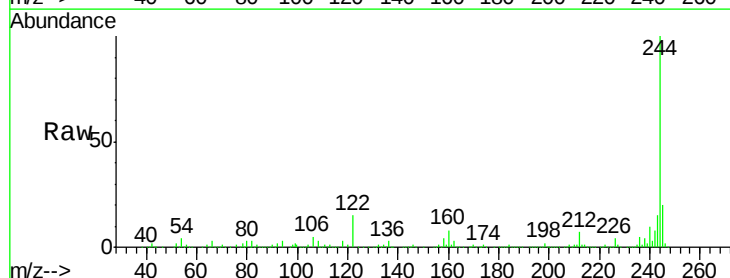
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

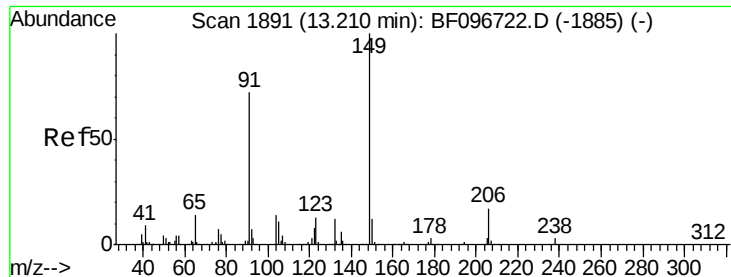
Tot Ion:202 Resp: 317139
Ion Ratio Lower Upper
202 100
200 20.6 17.6 26.4
203 17.4 14.4 21.6



#78
Terphenyl-d14
Concen: 73.92 ng
RT: 12.73 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:244 Resp: 743428
Ion Ratio Lower Upper
244 100
212 6.8 6.0 9.0
122 15.2 10.3 15.5

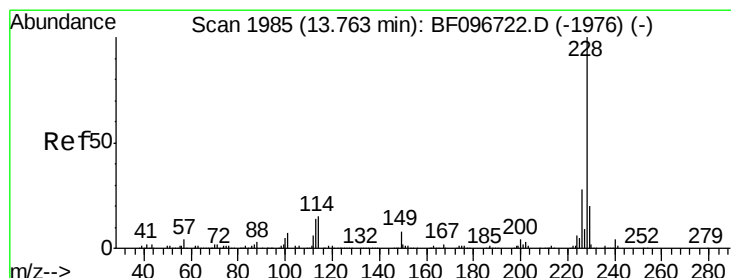
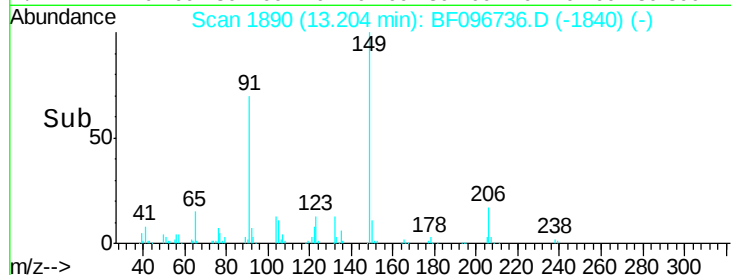
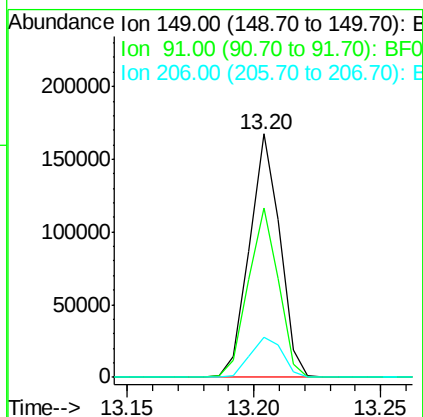
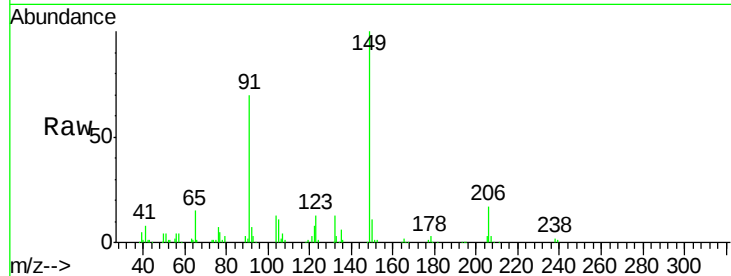




#79
Butylbenzylphthalate
Concen: 37.32 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

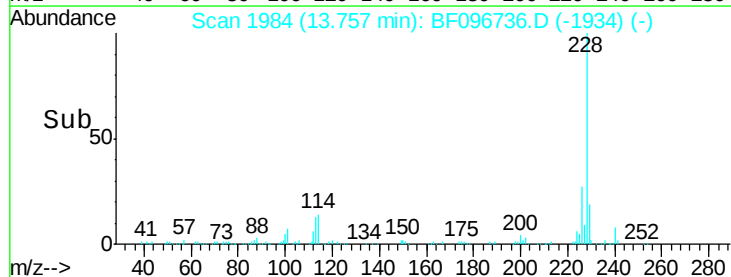
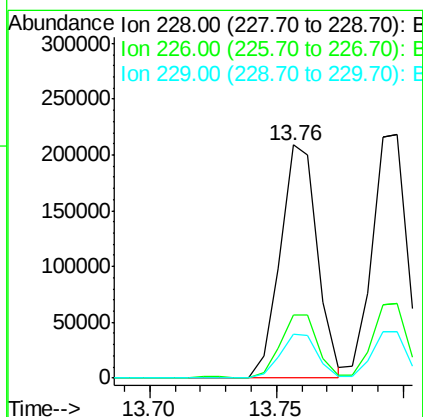
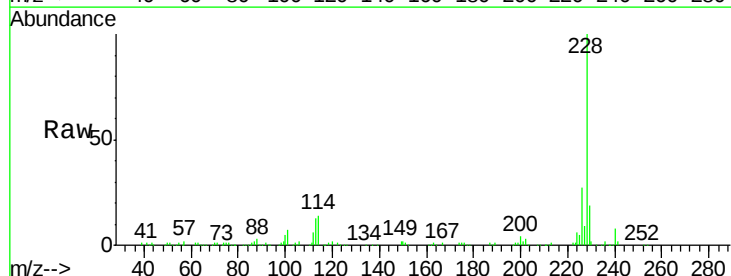
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

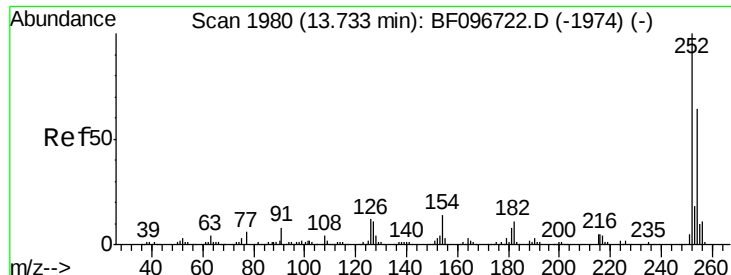
Tot Ion	Ratio	Lower	Upper
149	100		
91	69.8	45.0	67.4#
206	16.7	17.0	25.6#



#80
Benzo(a)anthracene
Concen: 19.61 ng
RT: 13.76 min Scan# 1984
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.6	33.8
229	19.1	16.3	24.5

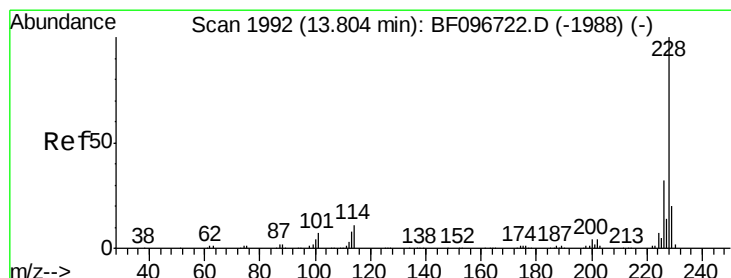
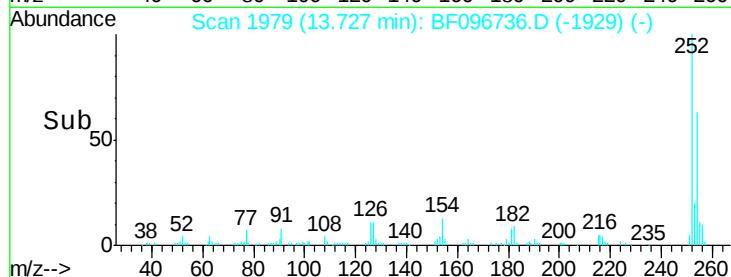
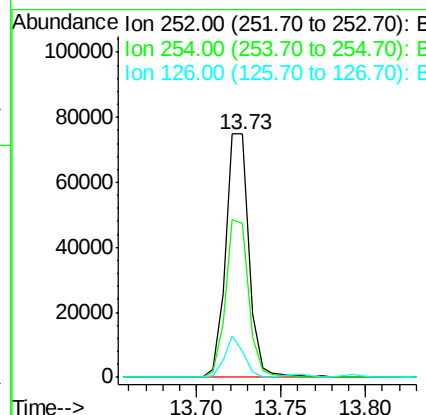
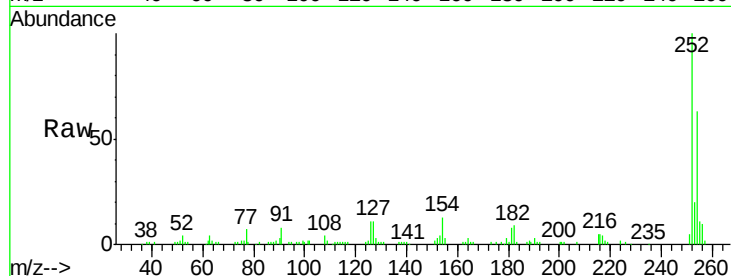




#81
 3,3'-Dichlorobenzidine
 Concen: 18.50 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

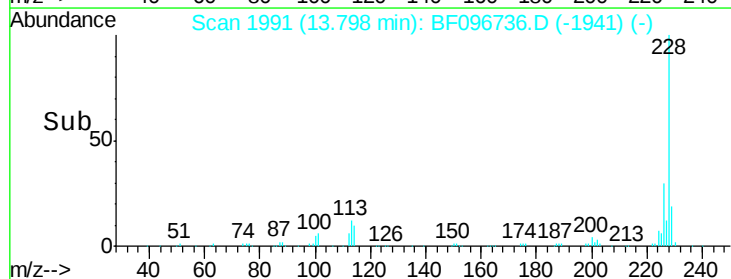
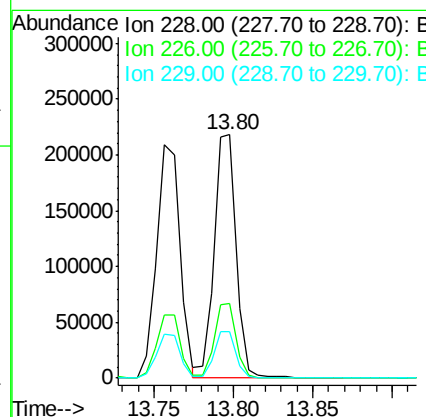
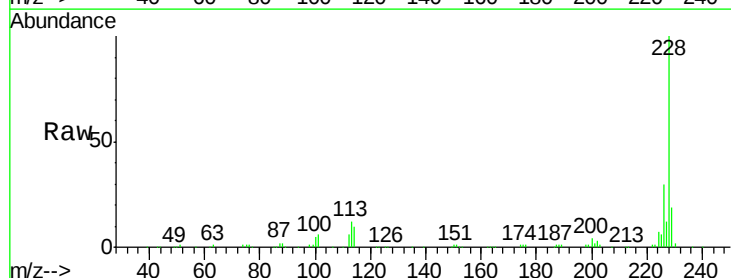
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

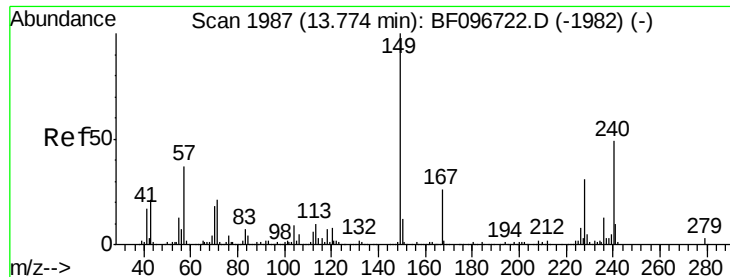
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	10.9	15.8	23.8#



#82
 Chrysene
 Concen: 19.79 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	18.9	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 18.98 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

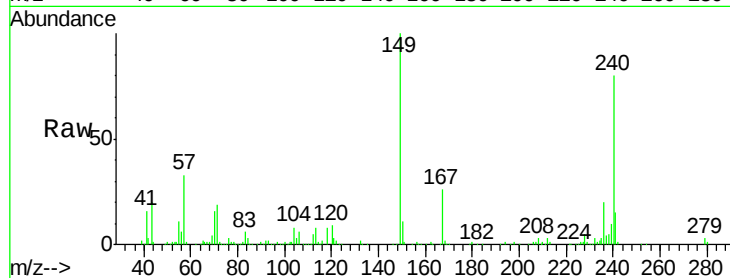
Tot Ion:149 Resp: 173843

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

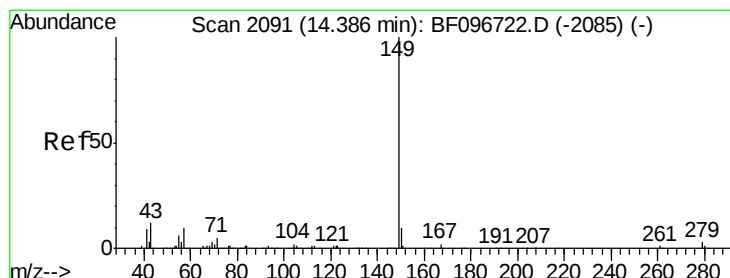
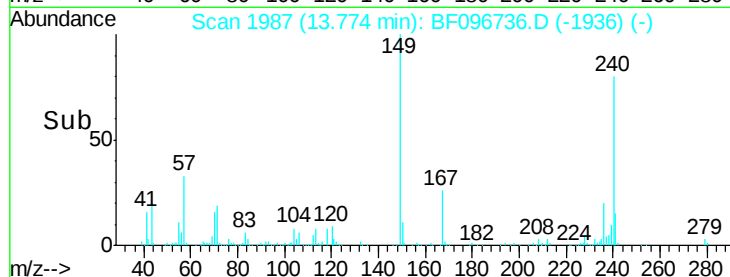
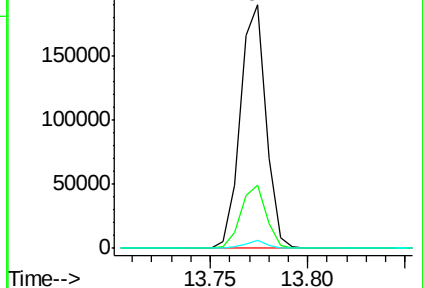
279 3.2 1.9 2.9#



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: 18.07 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

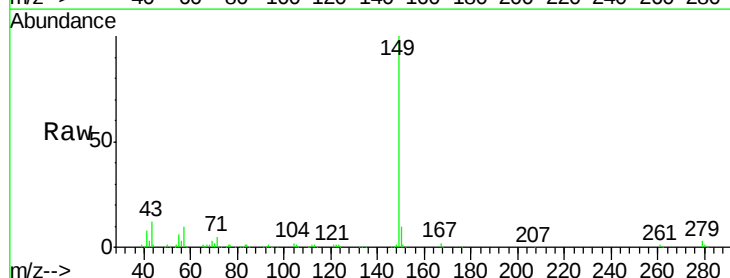
Tgt Ion:149 Resp: 273559

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

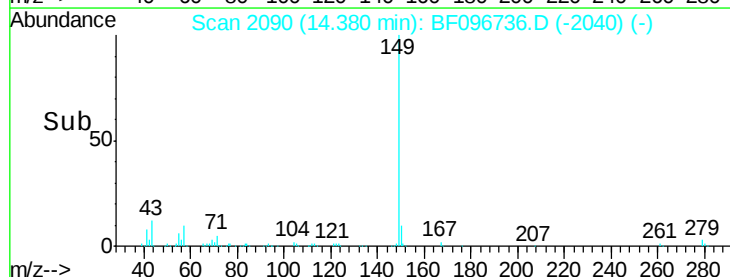
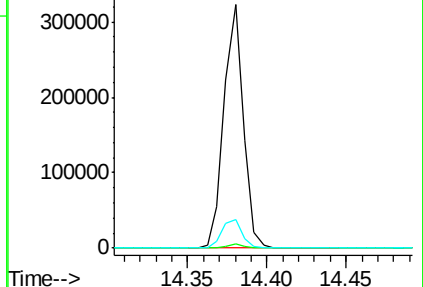
43 12.7 8.5 12.7

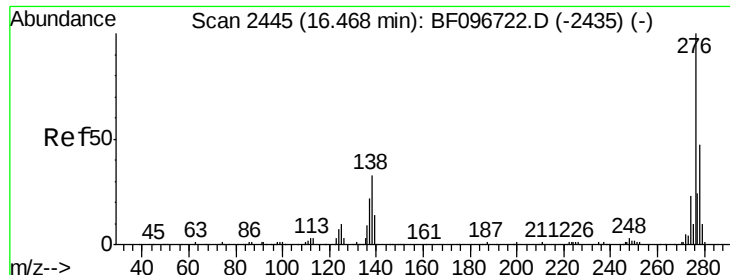


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

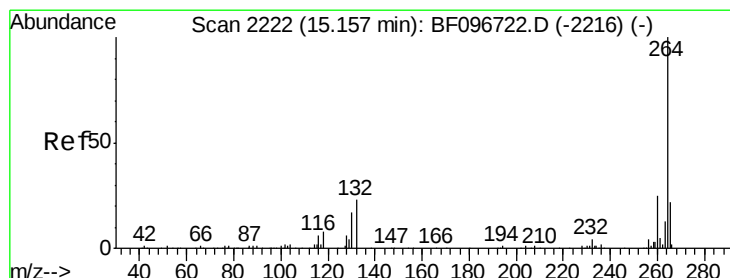
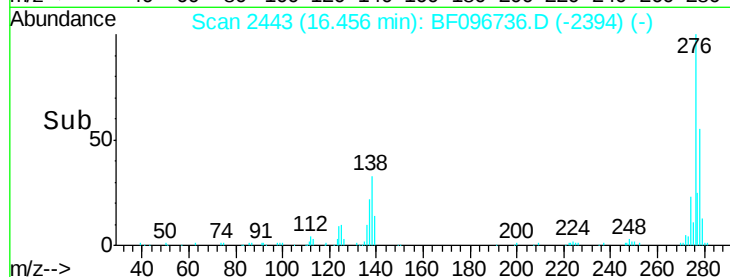
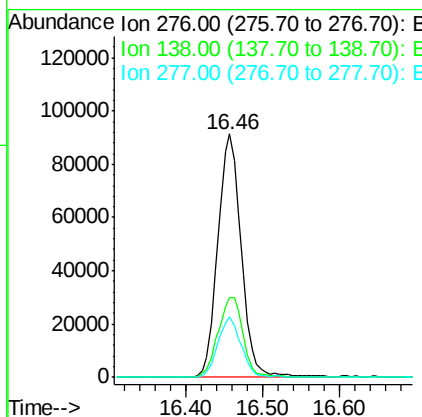
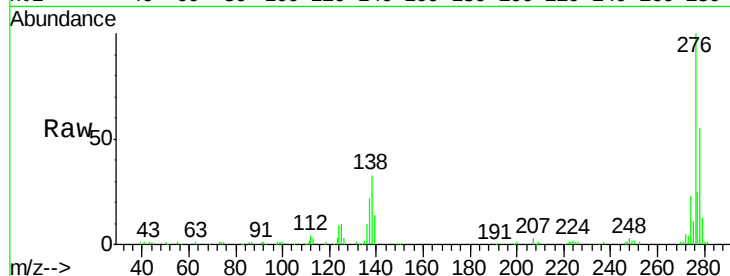




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.53 ng
 RT: 16.46 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

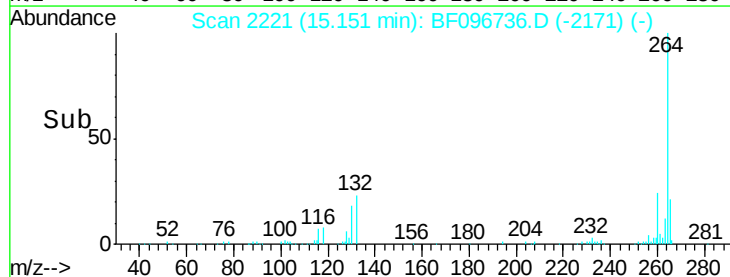
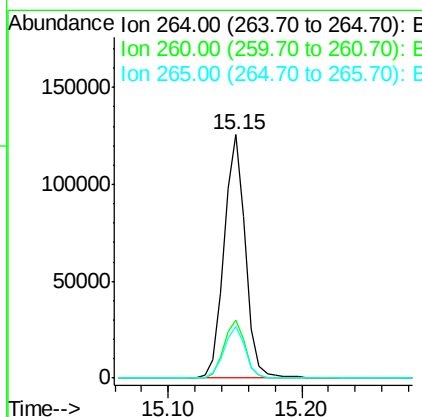
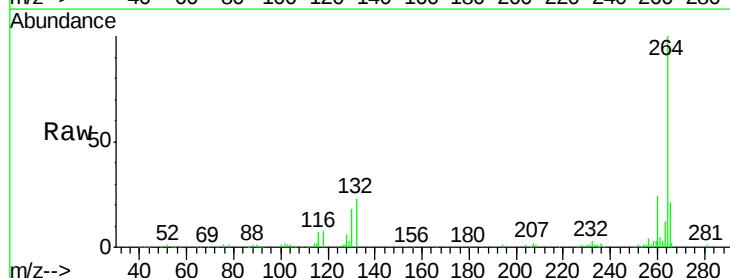
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

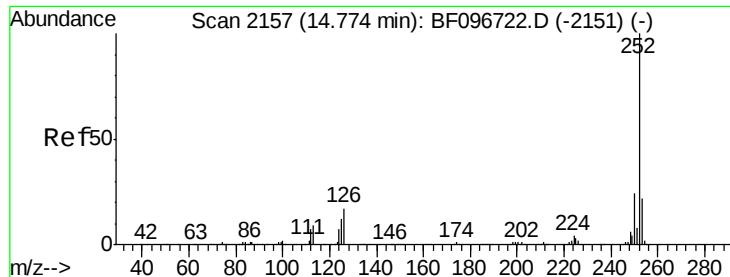
Tot Ion:276 Resp: 192347
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.8 41.6
 277 24.2 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 2221
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion:264 Resp: 141574
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.5 29.3
 265 21.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 20.48 ng

RT: 14.77 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

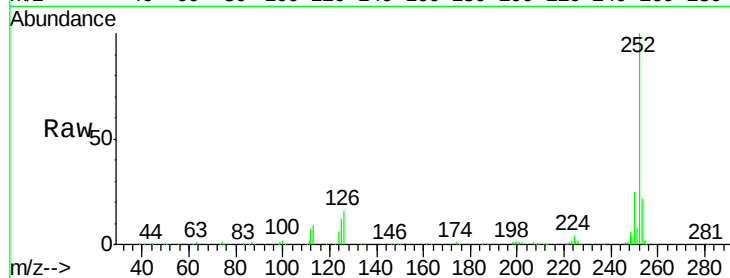
Tot Ion:252 Resp: 174872

Ion Ratio Lower Upper

252 100

253 22.1 18.1 27.1

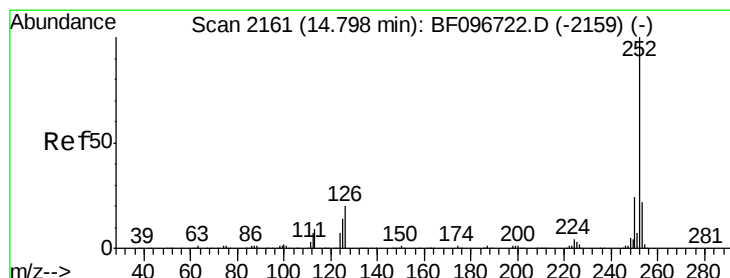
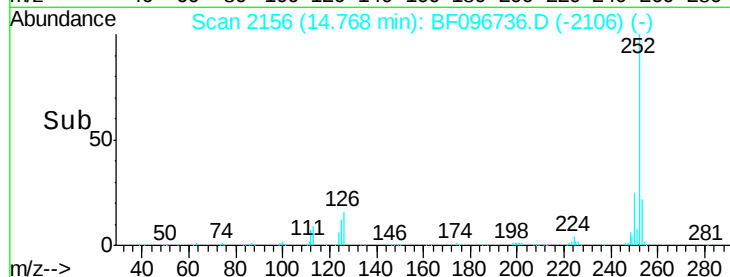
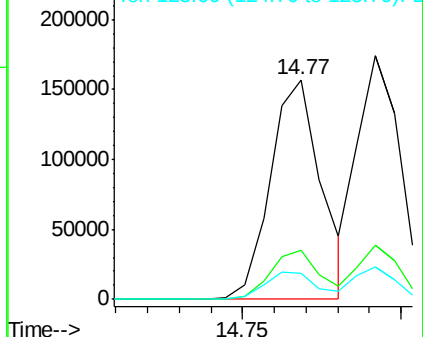
125 11.7 9.8 14.8



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: 20.92 ng

RT: 14.79 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

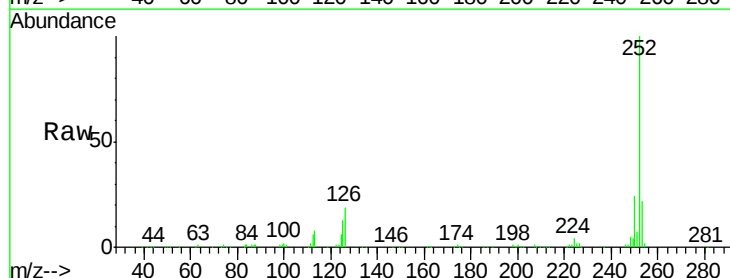
Tgt Ion:252 Resp: 169118

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

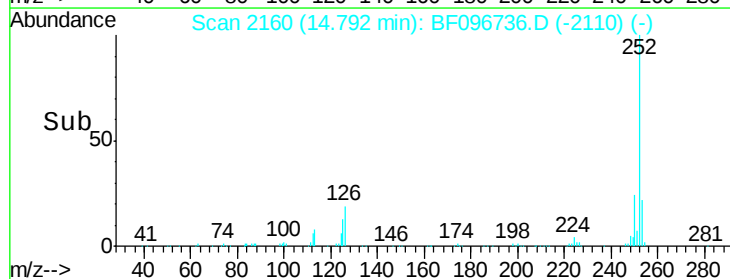
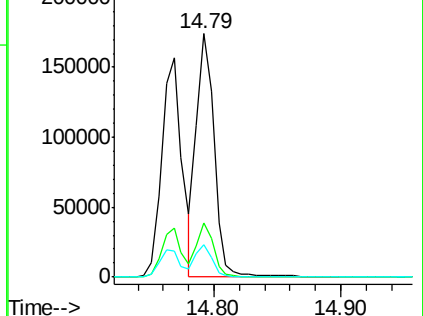
125 13.2 13.1 19.7

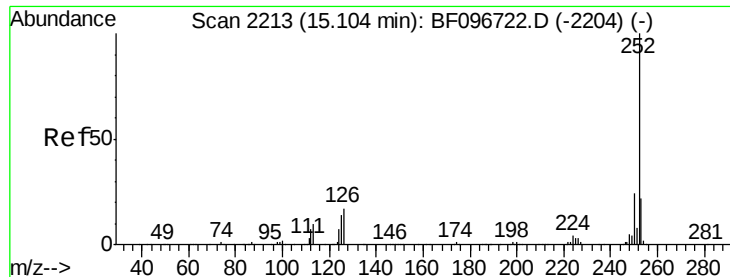


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

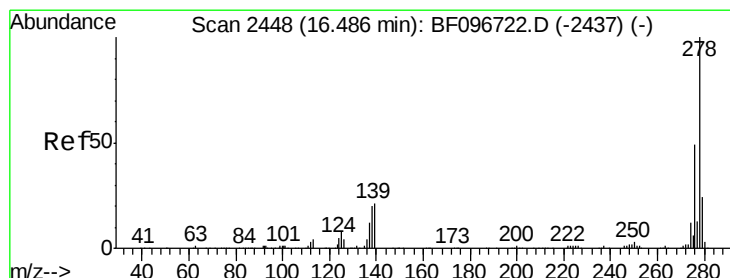
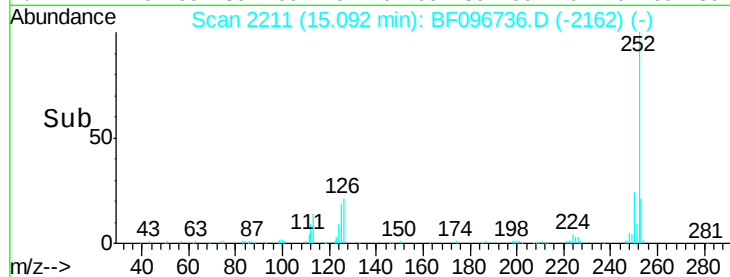
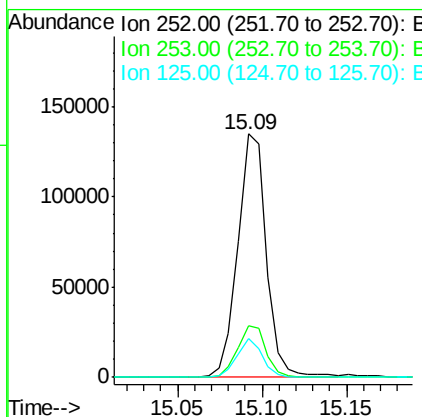
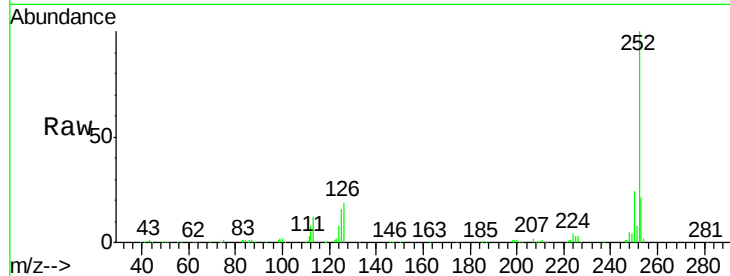




#89
Benzo(a)pyrene
Concen: 20.33 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

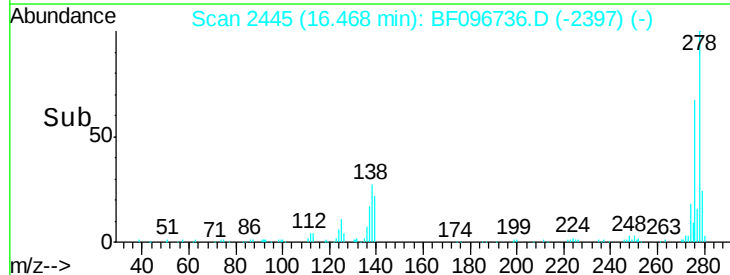
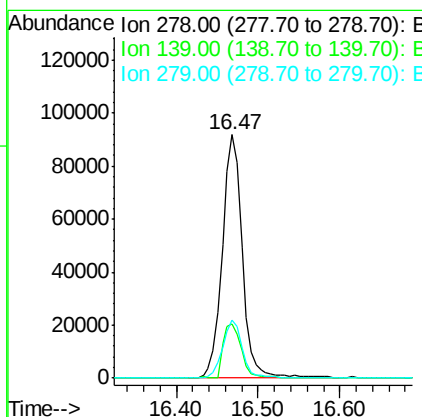
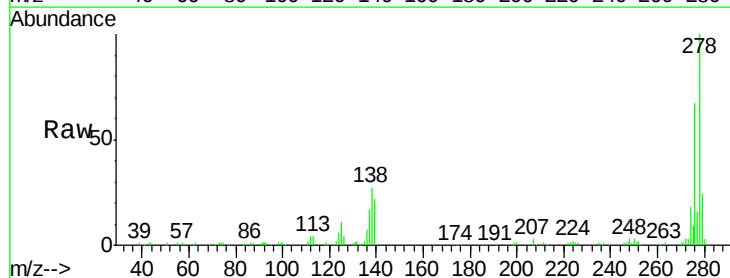
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

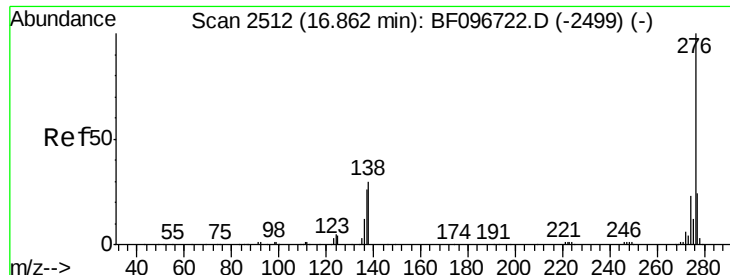
Tot Ion:252 Resp: 159242
Ion Ratio Lower Upper
252 100
253 21.0 17.5 26.3
125 15.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 21.74 ng
RT: 16.47 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:278 Resp: 156648
Ion Ratio Lower Upper
278 100
139 22.5 16.6 24.8
279 23.7 19.3 28.9





#91
 Benzo(a,h,i)perylene
 Concen: 21.41 ng
 RT: 16.84 min Scan# 2509
 Delta R.T. -0.02 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	28.0
138	28.6	25.4	38.0

