

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 LOQ
 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

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

						Qvalue
2) 1,4-Dioxane	2.23	88	76830	23.700	ng	# 83
3) Pyridine	2.93	79	134537	19.747	ng	# 61
4) n-Nitrosodimethylamine	2.83	42	75784	19.891	ng	# 77
6) Aniline	6.30	93	183894	19.747	ng	# 90
8) 2-Chlorophenol	6.42	128	137889	20.288	ng	98
9) Benzaldehyde	6.17	77	70713	16.182	ng	97
10) Phenol	6.29	94	167974	19.654	ng	78
11) bis(2-Chloroethyl)ether	6.37	93	126389	19.665	ng	91
12) 1,3-Dichlorobenzene	6.57	146	149677	20.718	ng	97
13) 1,4-Dichlorobenzene	6.65	146	153612	20.996	ng	96
14) 1,2-Dichlorobenzene	6.80	146	141837	21.314	ng	98
15) Benzyl Alcohol	6.77	79	105756	21.366	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	262617	19.799	ng	90
17) 2-Methylphenol	6.90	107	105140	19.893	ng	96
18) Hexachloroethane	7.15	117	52735	20.327	ng	# 82
19) n-Nitroso-di-n-propylamine	7.05	70	90870	19.950	ng	# 81
20) 3+4-Methylphenols	7.05	107	133404	20.800	ng	# 83
22) Acetophenone	7.05	105	180089	20.295	ng	# 96
24) Nitrobenzene	7.22	77	134963	20.359	ng	91
25) Isophorone	7.46	82	234853	19.696	ng	96
26) 2-Nitrophenol	7.53	139	74839	20.303	ng	90
27) 2,4-Dimethylphenol	7.58	122	121163	19.980	ng	95
28) bis(2-Chloroethoxy)methane	7.67	93	158901	19.721	ng	99
29) 2,4-Dichlorophenol	7.77	162	109881	20.018	ng	97
30) 1,2,4-Trichlorobenzene	7.86	180	108719	20.831	ng	99
31) Naphthalene	7.94	128	393414	20.917	ng	99
32) Benzoic acid	7.69	122	78433	20.236	ng	92
33) 4-Chloroaniline	7.99	127	155011	20.802	ng	98
34) Hexachlorobutadiene	8.06	225	59806	21.466	ng	96
35) Caprolactam	8.34	113	32945	18.731	ng	# 55
36) 4-Chloro-3-methylphenol	8.47	107	119933	20.320	ng	91
37) 2-Methylnaphthalene	8.63	142	251982	21.015	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	104140	21.972	ng	99
40) Hexachlorocyclopentadiene	8.79	237	27546	19.473	ng	90

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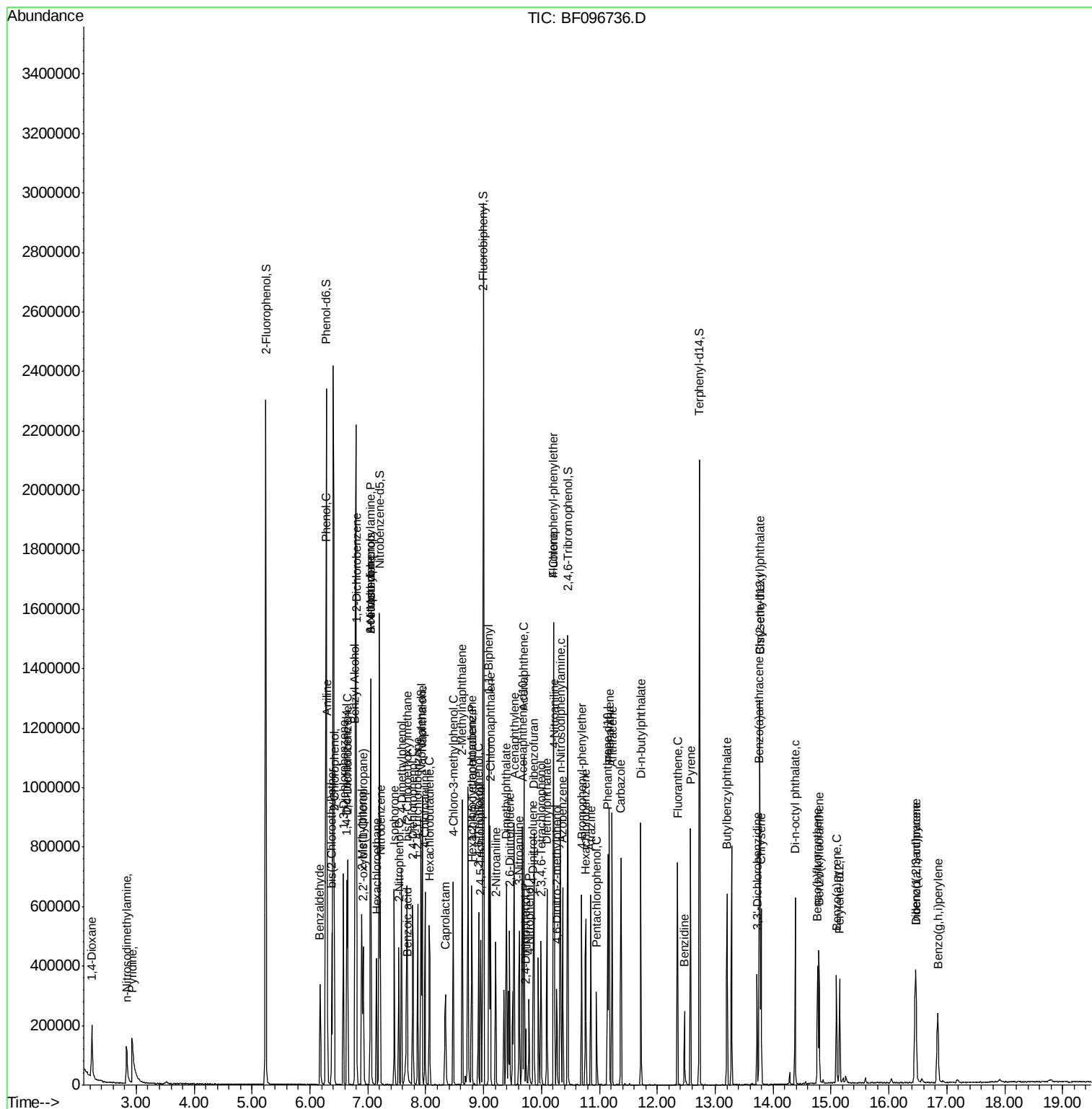
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.91	196	72623	20.772	ng	97
43) 2,4,5-Trichlorophenol	8.95	196	73726	20.909	ng	# 90
45) 1,1'-Biphenyl	9.09	154	331700	22.058	ng	98
46) 2-Chloronaphthalene	9.12	162	239096	21.593	ng	94
47) 2-Nitroaniline	9.21	65	75138	19.741	ng	92
48) Acenaphthylene	9.53	152	372602	21.119	ng	99
49) Dimethylphthalate	9.39	163	276661	20.956	ng	99
50) 2,6-Dinitrotoluene	9.45	165	60172	21.042	ng	# 83
51) Acenaphthene	9.70	154	215329	20.660	ng	98
52) 3-Nitroaniline	9.62	138	67020	19.784	ng	91
53) 2,4-Dinitrophenol	9.73	184	20436	19.958	ng	# 70
54) Dibenzofuran	9.87	168	317017	21.706	ng	99
55) 4-Nitrophenol	9.78	139	46794	18.907	ng	# 64
56) 2,4-Dinitrotoluene	9.86	165	75597	20.573	ng	# 92
57) Fluorene	10.21	166	246130	22.805	ng	97
58) 2,3,4,6-Tetrachlorophenol	9.99	232	50464	20.636	ng	# 97
59) Diethylphthalate	10.10	149	272962	21.238	ng	99
60) 4-Chlorophenyl-phenylether	10.21	204	104255	20.039	ng	88
61) 4-Nitroaniline	10.22	138	63936	20.098	ng	91
62) Azobenzene	10.37	77	225616	19.899	ng	91
64) 4,6-Dinitro-2-methylphenol	10.26	198	33524	18.421	ng	94
65) n-Nitrosodiphenylamine	10.33	169	218861	21.123	ng	98
66) 4-Bromophenyl-phenylether	10.69	248	63185	21.351	ng	97
67) Hexachlorobenzene	10.76	284	71763	21.772	ng	# 91
68) Atrazine	10.85	200	61308	20.768	ng	93
69) Pentachlorophenol	10.95	266	32903	20.664	ng	95
70) Phenanthrene	11.17	178	334862	21.246	ng	99
71) Anthracene	11.22	178	338140	21.219	ng	99
72) Carbazole	11.37	167	322557	20.902	ng	97
73) Di-n-butylphthalate	11.72	149	405086	21.078	ng	99
74) Fluoranthene	12.35	202	313985	20.813	ng	96
76) Benzidine	12.47	184	91267	15.973	ng	97
77) Pyrene	12.57	202	317139	20.036	ng	98
79) Butylbenzylphthalate	13.20	149	140356	37.325	ng	# 84
80) Benzo(a)anthracene	13.76	228	213130	19.612	ng	98
81) 3,3'-Dichlorobenzidine	13.73	252	72314	18.505	ng	# 94
82) Chrysene	13.80	228	211706	19.789	ng	99
83) Bis(2-ethylhexyl)phthalate	13.77	149	173843	18.981	ng	# 99
84) Di-n-octyl phthalate	14.38	149	273559	18.069	ng	95
85) Indeno(1,2,3-cd)pyrene	16.46	276	192347	21.531	ng	99
87) Benzo(b)fluoranthene	14.77	252	174872	20.480	ng	99
88) Benzo(k)fluoranthene	14.79	252	169118	20.916	ng	96
89) Benzo(a)pyrene	15.09	252	159242	20.334	ng	97
90) Dibenzo(a,h)anthracene	16.47	278	156648	21.738	ng	98
91) Benzo(g,h,i)perylene	16.84	276	165222	21.411	ng	97

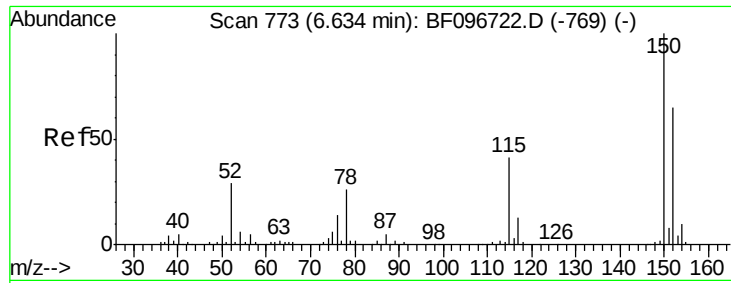
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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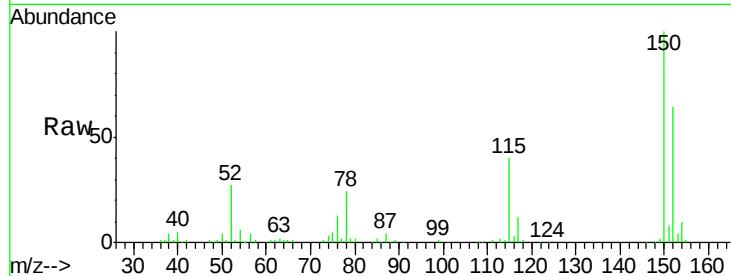


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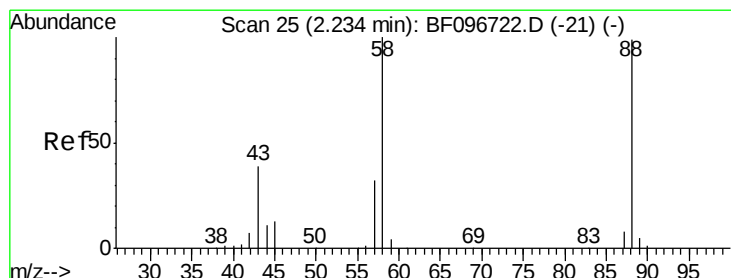
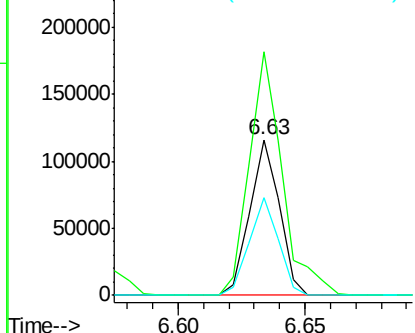
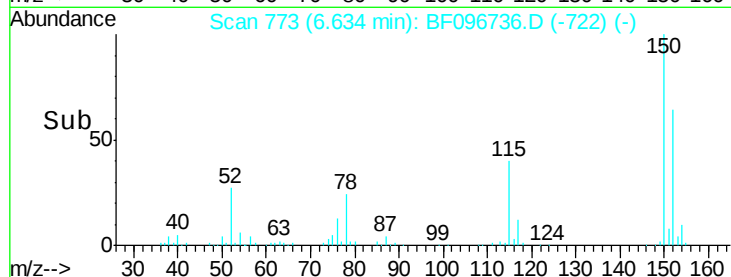
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

Tgt Ion:152 Resp: 94728
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 63.0 52.2 78.2



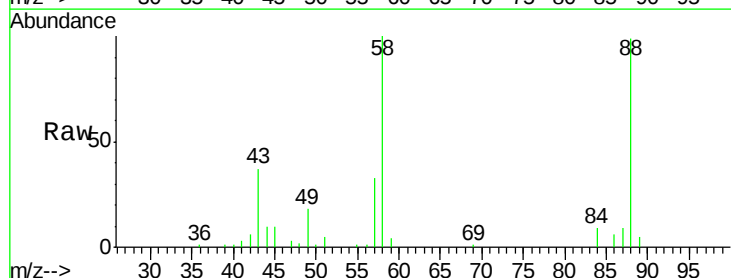
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



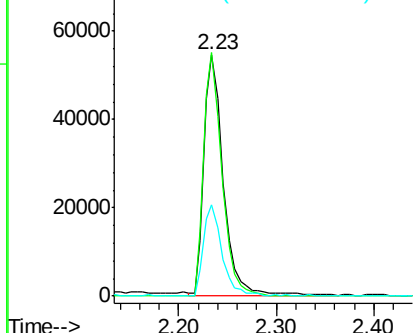
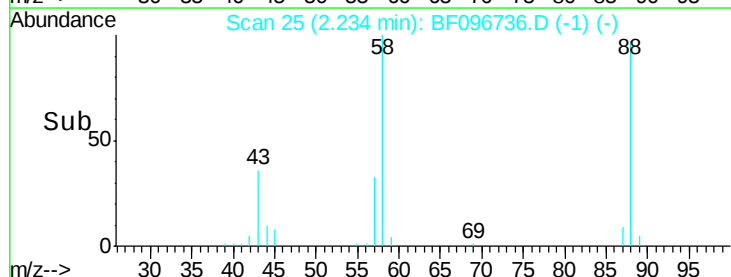
#2

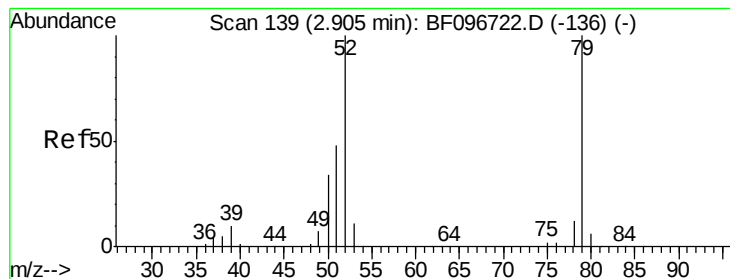
1,4-Dioxane
Concen: 23.700 ng
RT: 2.23 min Scan# 25
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

Pyridine

Concen: 19.747 ng

RT: 2.93 min Scan# 143

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

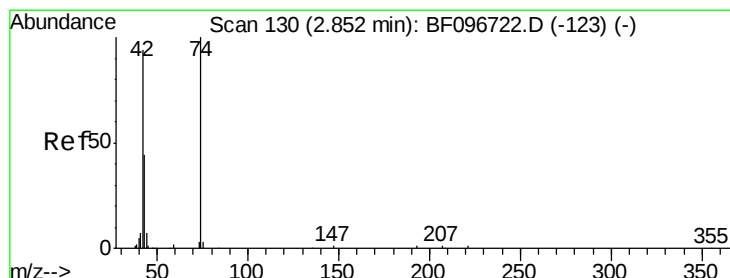
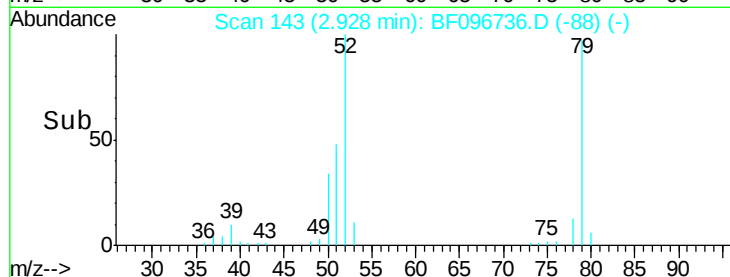
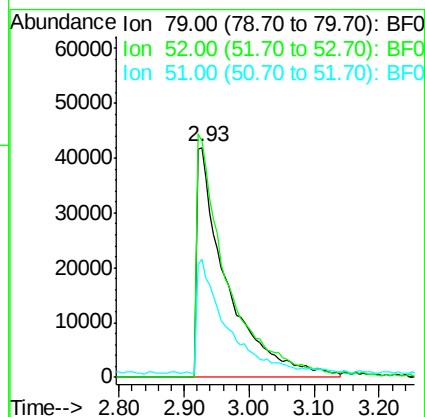
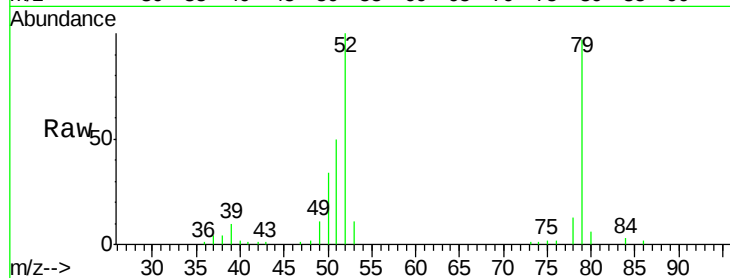
Tgt Ion: 79 Resp: 134537

Ion Ratio Lower Upper

79 100

52 102.9 54.8 82.2#

51 51.7 27.0 40.4#



#4

n-Nitrosodimethylamine

Concen: 19.891 ng

RT: 2.83 min Scan# 127

Delta R.T. -0.02 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

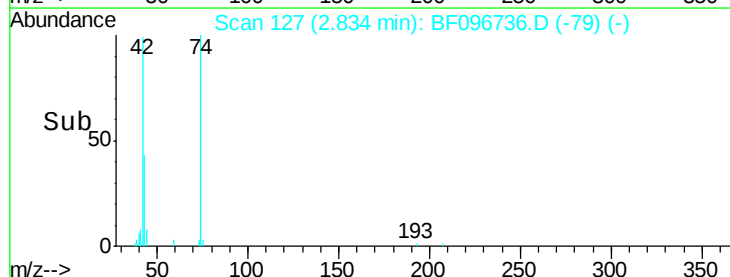
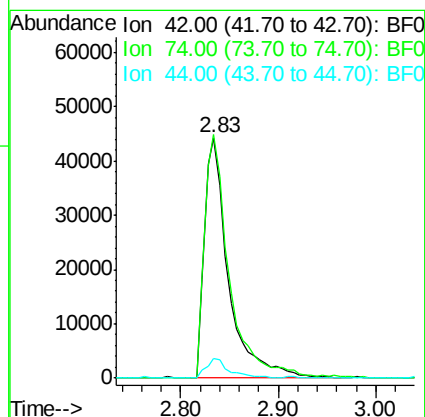
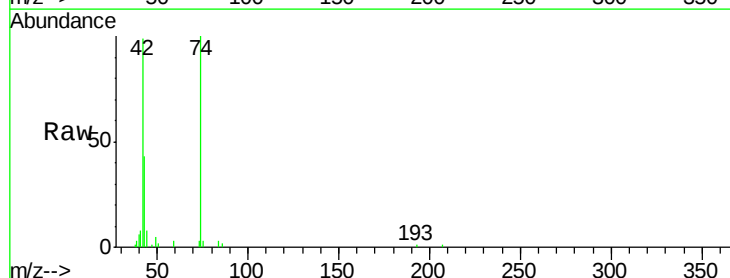
Tgt Ion: 42 Resp: 75784

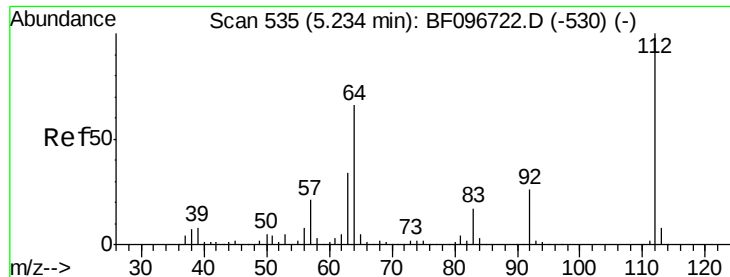
Ion Ratio Lower Upper

42 100

74 101.4 103.9 155.9#

44 8.4 5.7 8.5





#5

2-Fluorophenol

Concen: 113.008 ng

RT: 5.24 min Scan# 536

Delta R.T. 0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

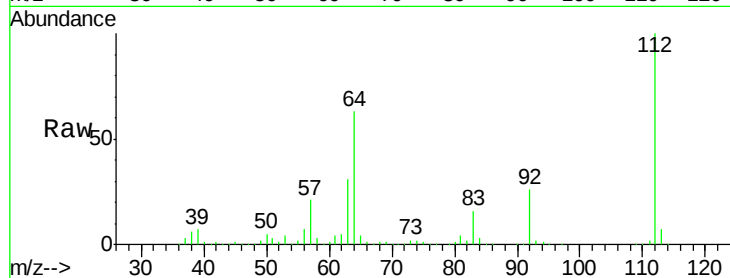
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017

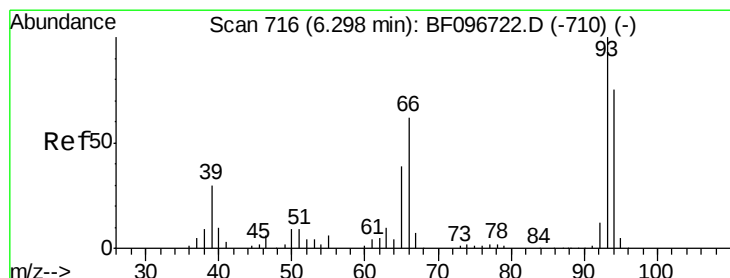
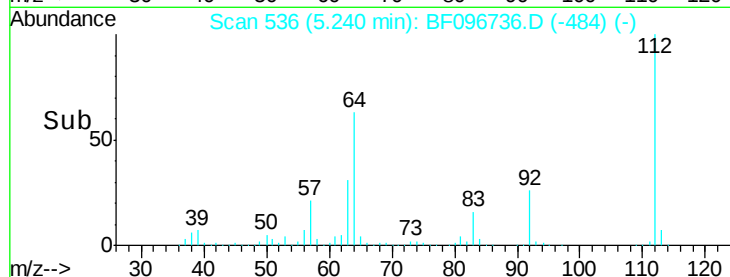
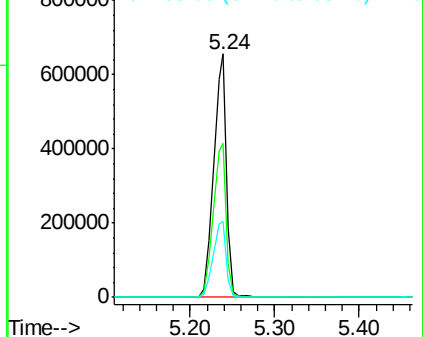
Tgt Ion:	112	Resp:	711966
Ion	Ratio	Lower	Upper
112	100		
64	63.5	46.0	69.0
63	30.9	23.4	35.0



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: 19.747 ng

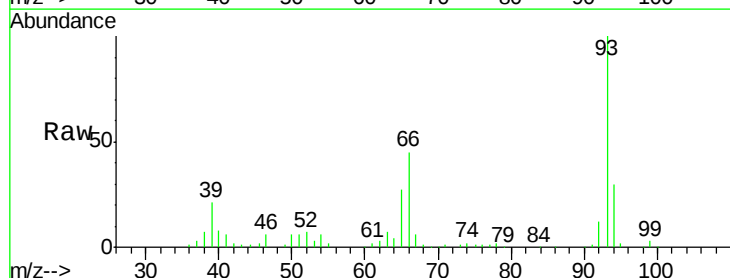
RT: 6.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

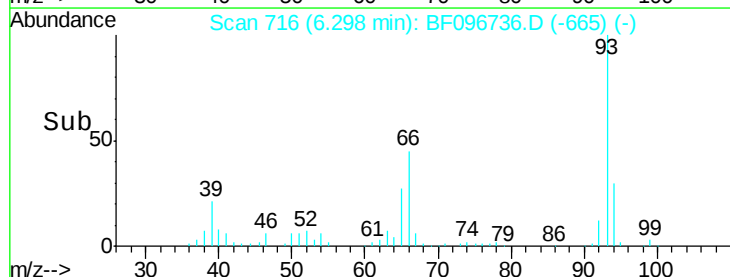
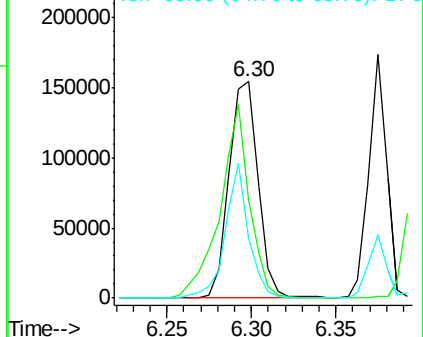
Tgt Ion:	93	Resp:	183894
Ion	Ratio	Lower	Upper
93	100		
66	45.4	32.9	49.3
65	27.3	16.0	24.0

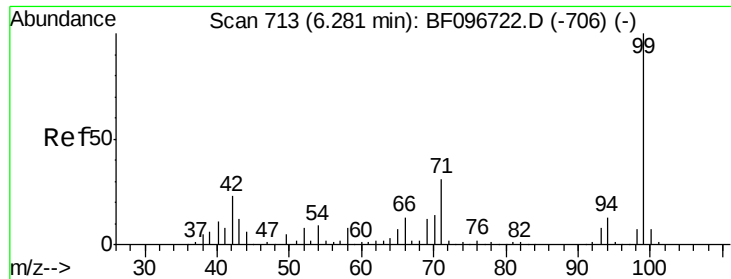


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 113.951 ng

RT: 6.28 min Scan# 713

Delta R.T. -0.00 min

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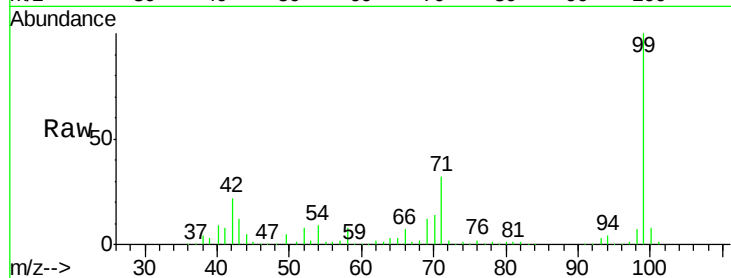
Tgt Ion: 99 Resp: 861508

Ion Ratio Lower Upper

99 100

42 22.2 13.5 20.3#

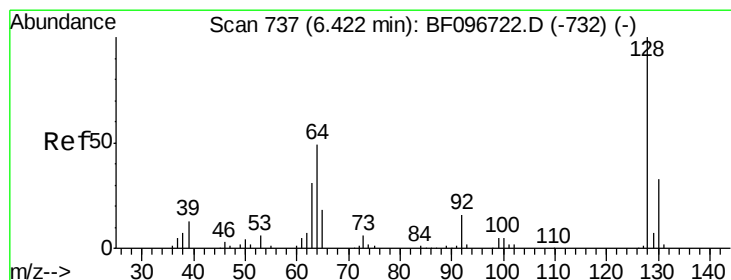
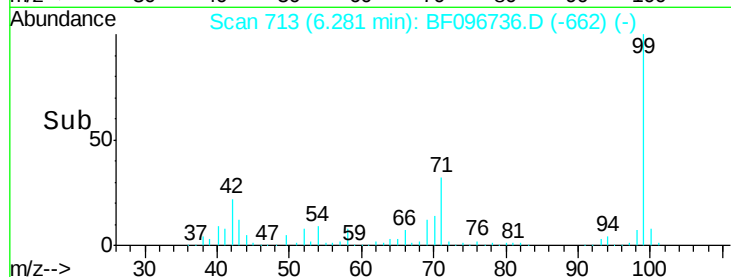
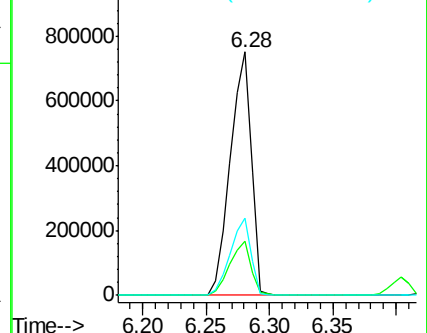
71 31.9 24.5 36.7



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: 20.288 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

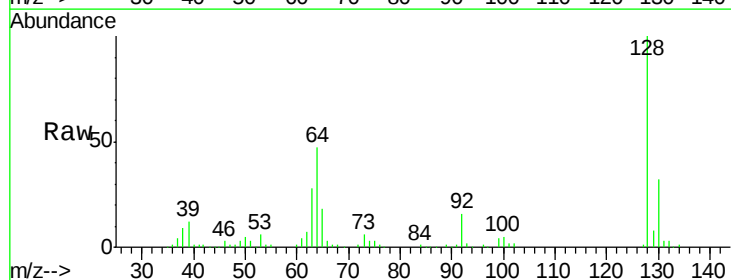
Tgt Ion: 128 Resp: 137889

Ion Ratio Lower Upper

128 100

130 31.6 12.9 52.9

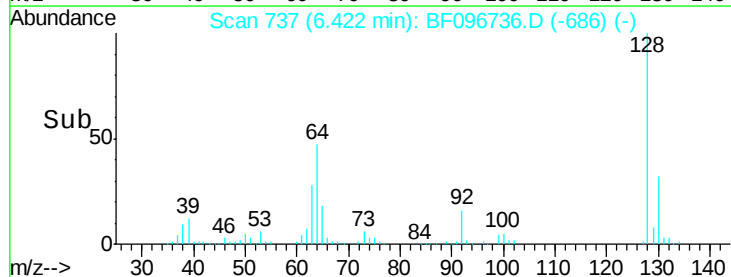
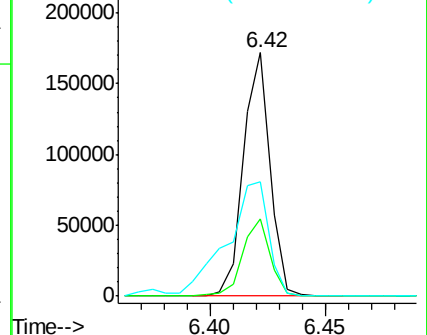
64 47.1 28.4 68.4

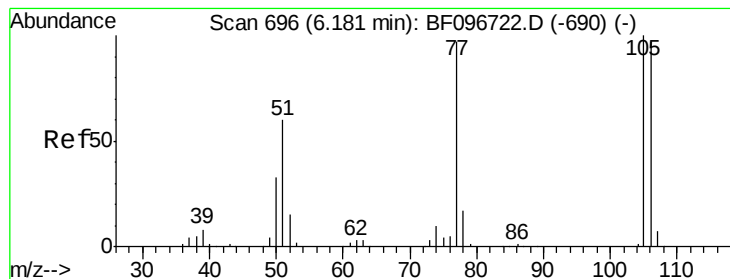


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 16.182 ng

RT: 6.17 min Scan# 695

Delta R.T. -0.01 min

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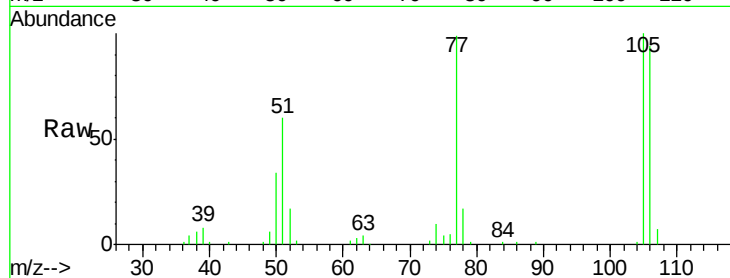
Tgt Ion: 77 Resp: 70713

Ion Ratio Lower Upper

77 100

105 101.3 83.8 123.8

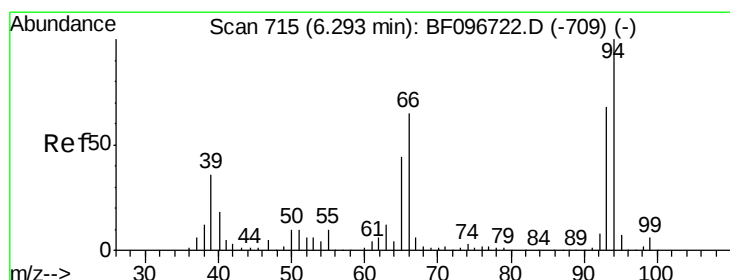
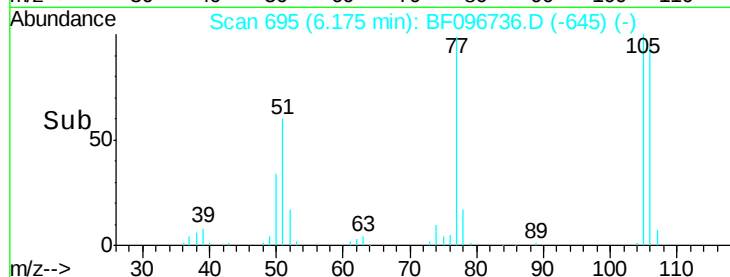
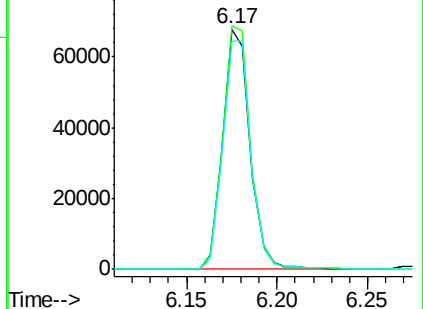
106 95.1 79.1 119.1



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: 19.654 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

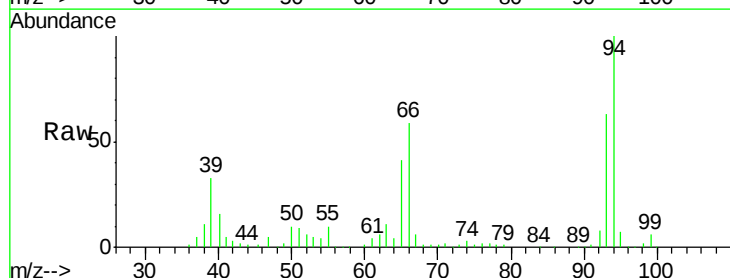
Tgt Ion: 94 Resp: 167974

Ion Ratio Lower Upper

94 100

65 40.6 9.9 49.9

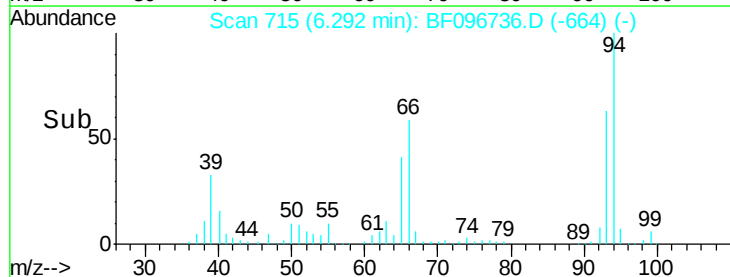
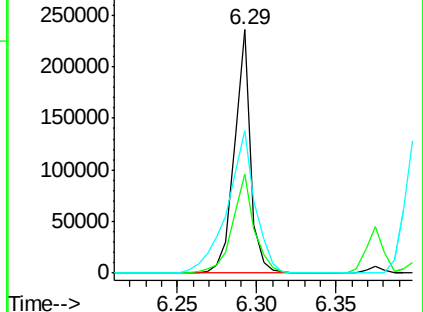
66 58.6 23.1 63.1

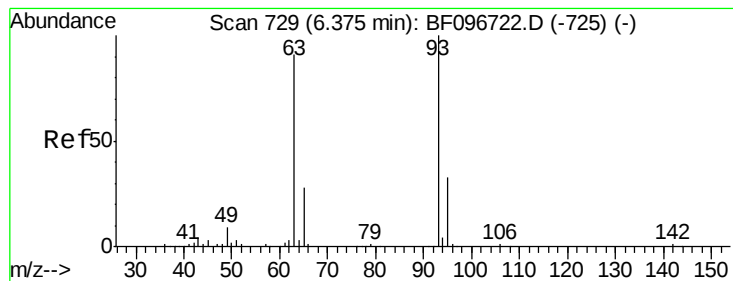


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 19.665 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

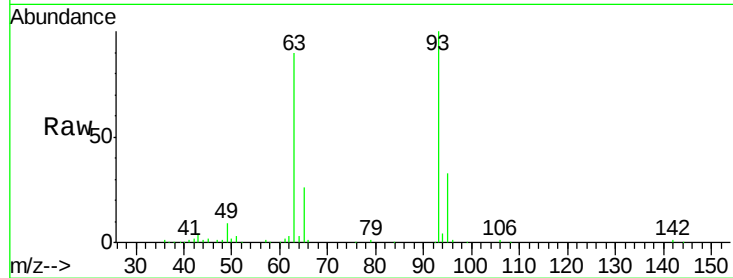
Tgt Ion: 93 Resp: 126389

Ion Ratio Lower Upper

93 100

63 90.0 59.2 99.2

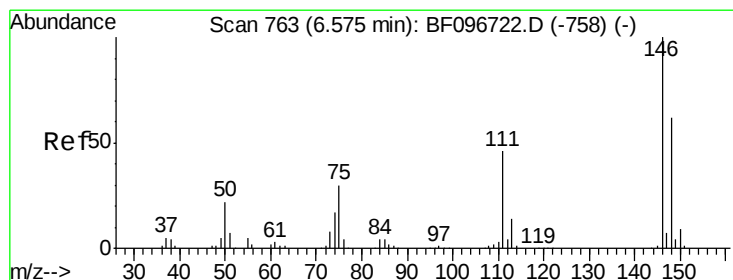
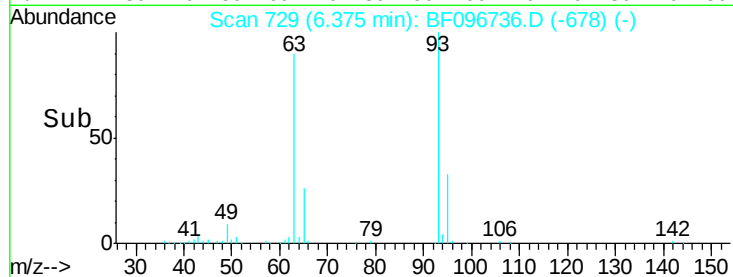
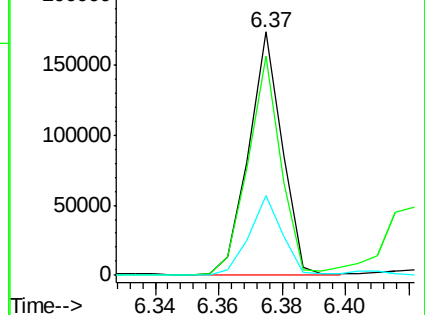
95 32.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 20.718 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

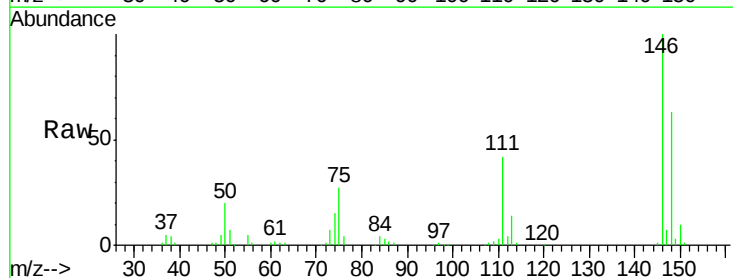
Tgt Ion: 146 Resp: 149677

Ion Ratio Lower Upper

146 100

148 62.9 51.8 77.6

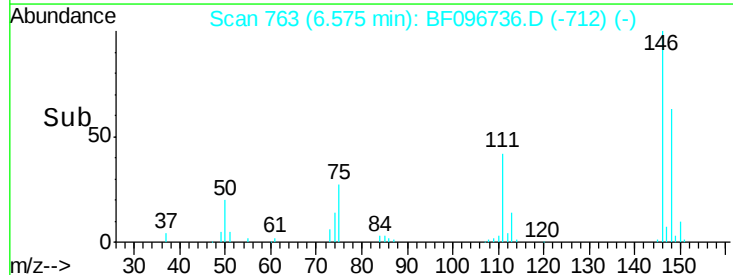
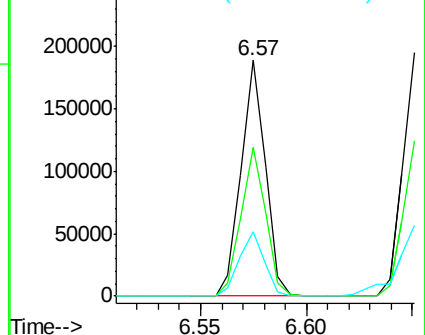
75 27.1 23.1 34.7

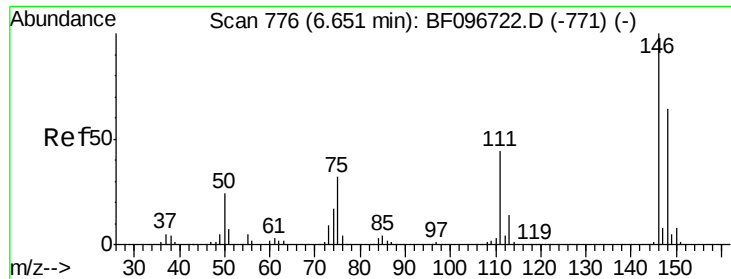


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

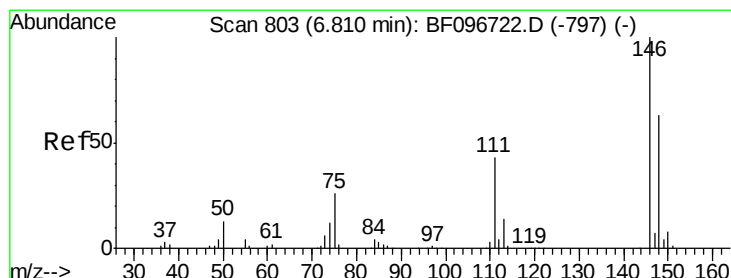
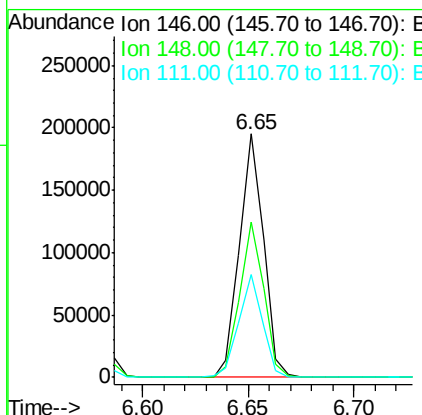
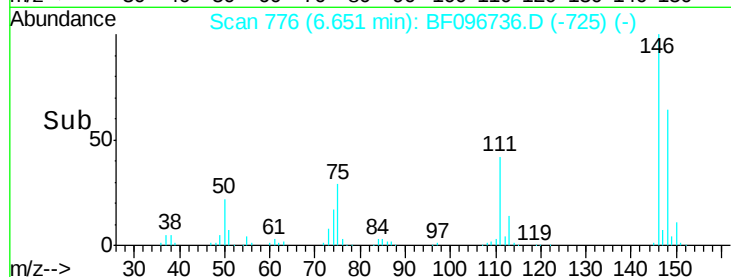
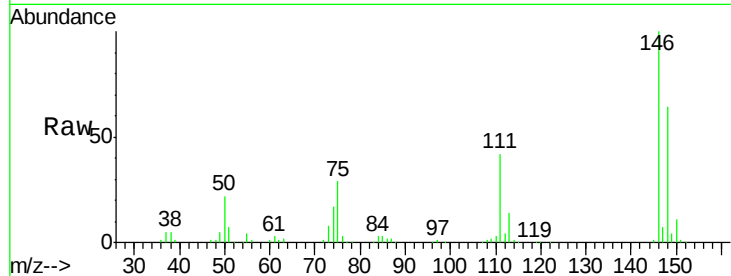




#13
 1,4-Dichlorobenzene
 Concen: 20.996 ng
 RT: 6.65 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

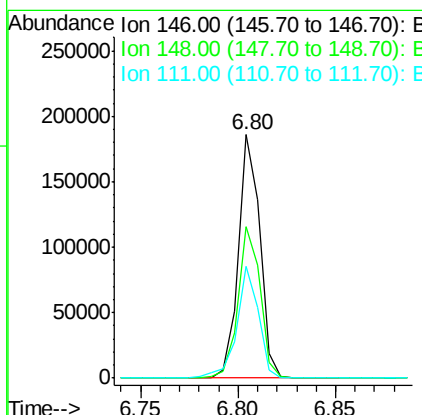
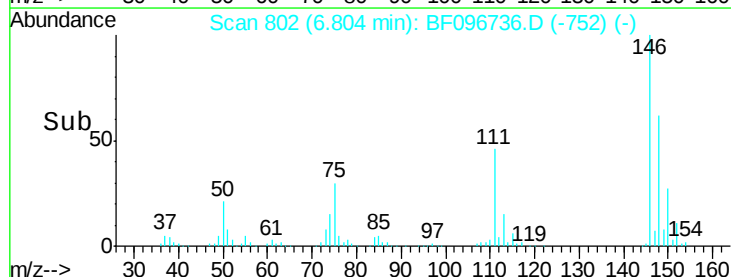
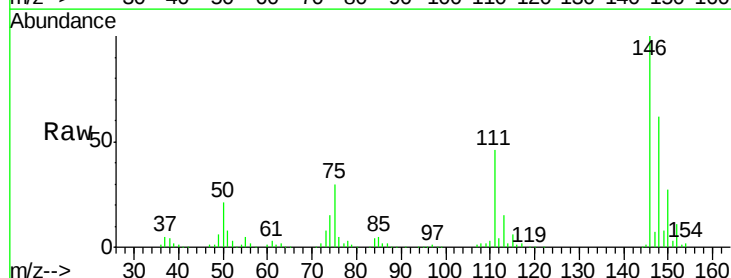
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

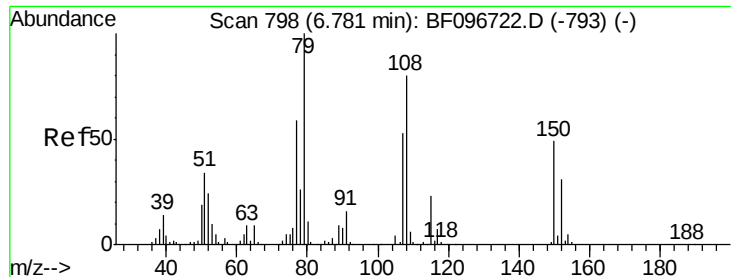
Tgt Ion:146 Resp: 153612
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 42.4 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 21.314 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





#15

Benzyl Alcohol

Concen: 21.366 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

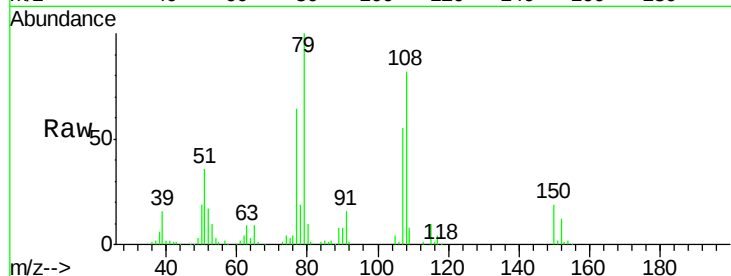
Tgt Ion: 79 Resp: 105756

Ion Ratio Lower Upper

79 100

108 81.5 63.4 95.0

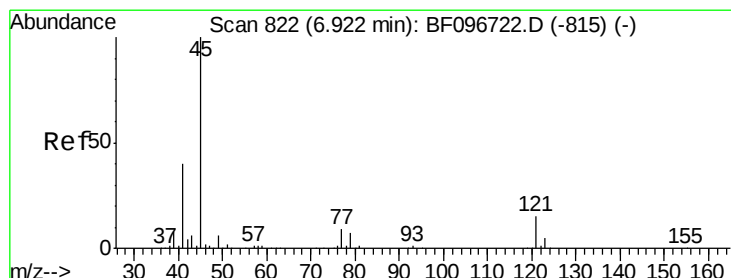
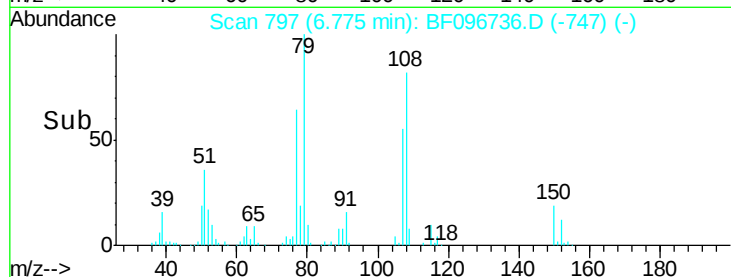
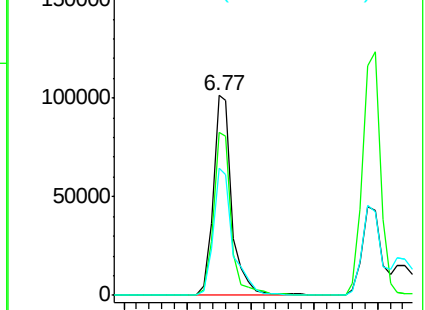
77 63.8 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 19.799 ng

RT: 6.92 min Scan# 822

Delta R.T. -0.00 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

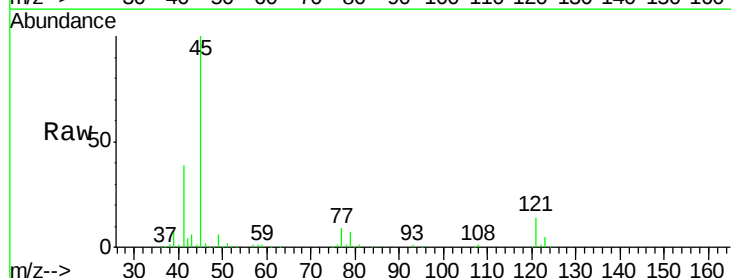
Tgt Ion: 45 Resp: 262617

Ion Ratio Lower Upper

45 100

77 8.6 0.0 33.2

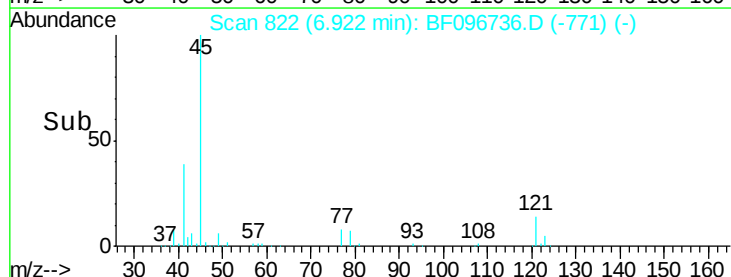
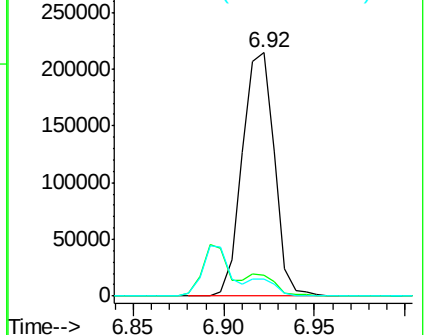
79 7.2 0.0 30.0

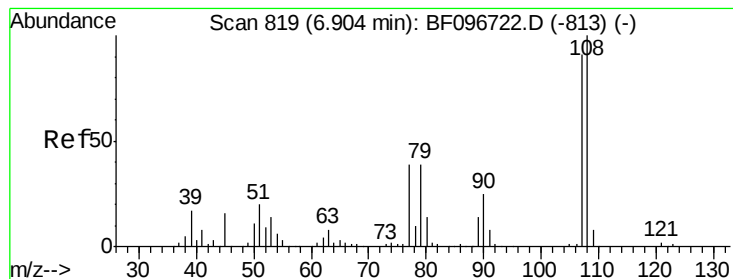


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

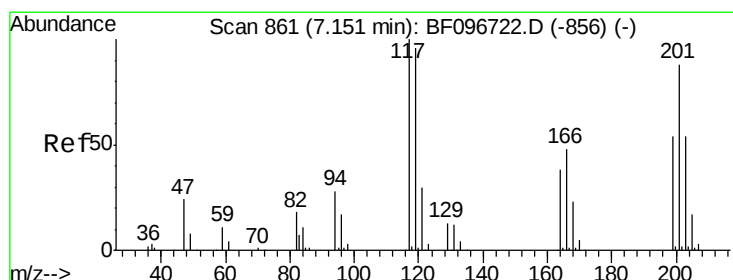
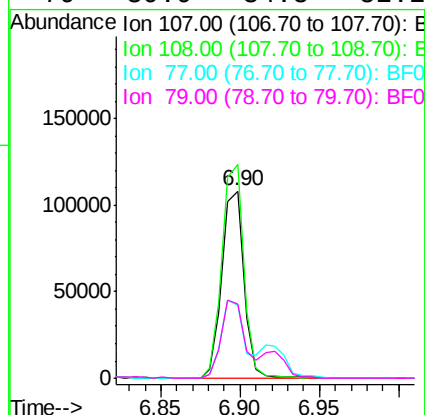
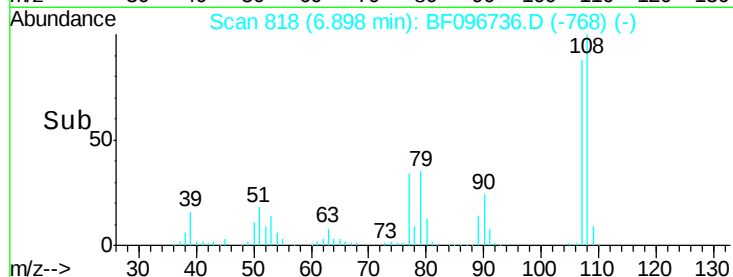
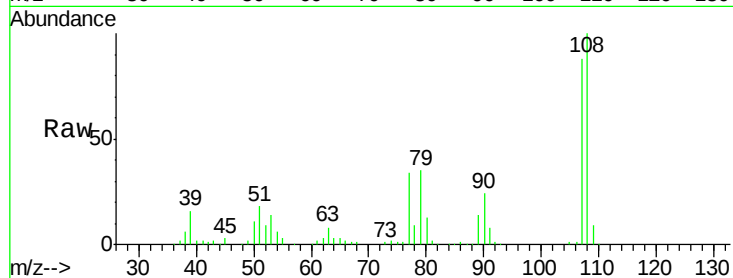




#17
2-Methylphenol
Concen: 19.893 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

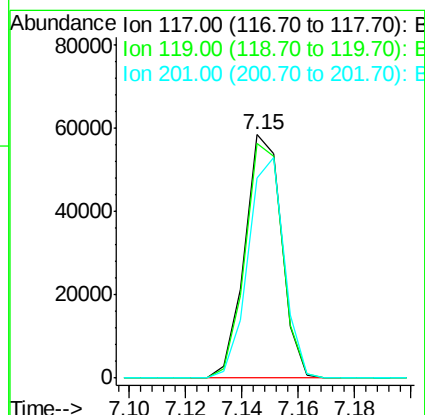
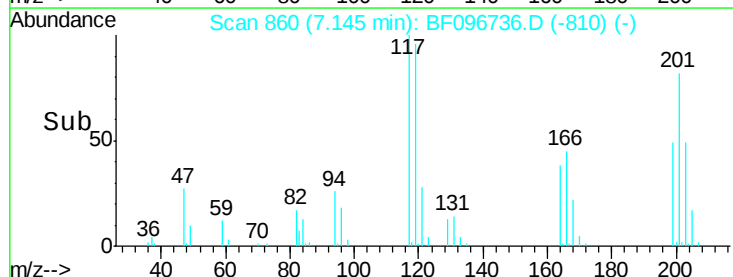
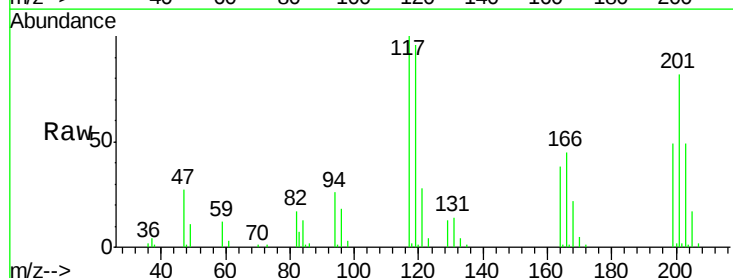
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

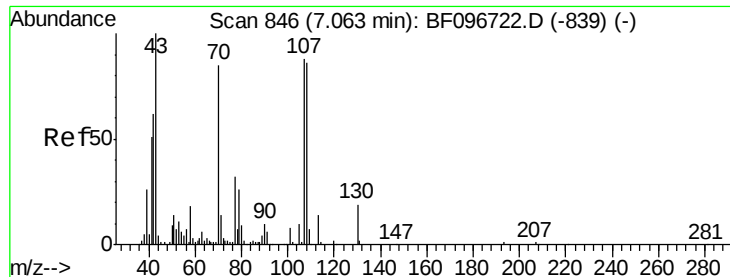
Tgt Ion:	107	Resp:	105140
Ion	Ratio	Lower	Upper
107	100		
108	114.3	93.4	140.0
77	39.2	35.8	53.6
79	39.9	34.8	52.2



#18
Hexachloroethane
Concen: 20.327 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#

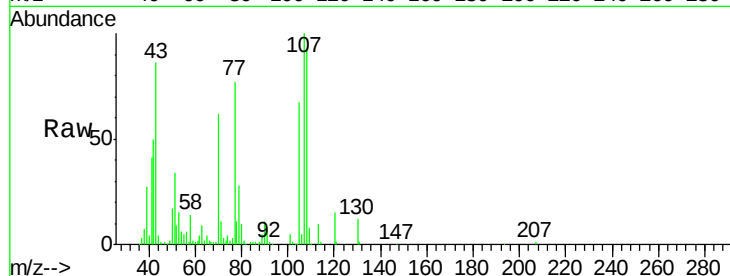




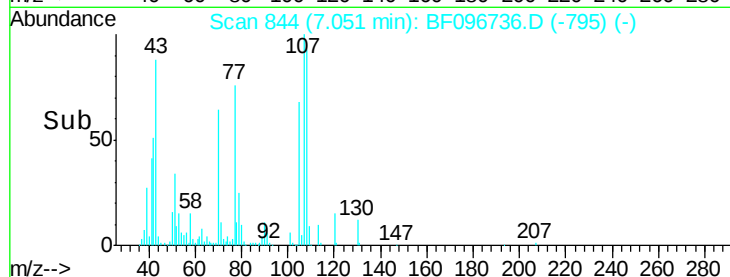
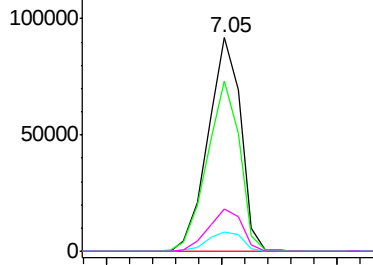
#19
n-Nitroso-di-n-propylamine
Concen: 19.950 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

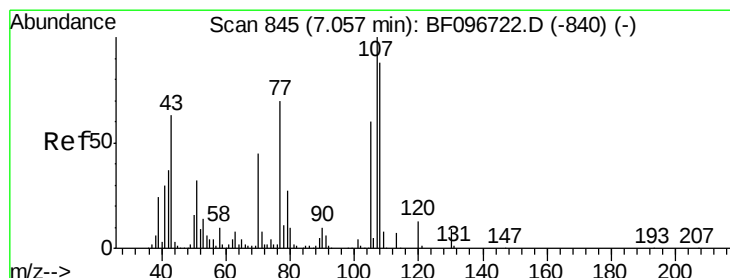
Tgt Ion:	70	Resp:	90870
Ion	Ratio	Lower	Upper
70	100		
42	79.7	47.2	70.8#
101	8.8	7.2	10.8
130	19.6	15.9	23.9



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

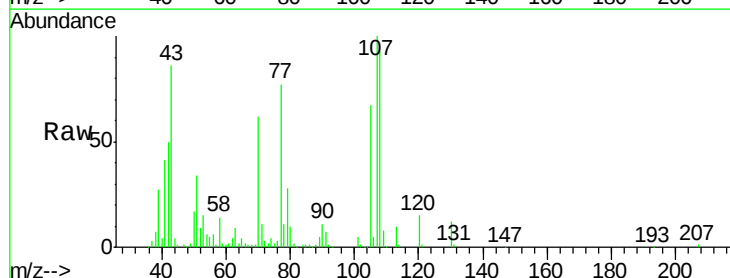


Time-->

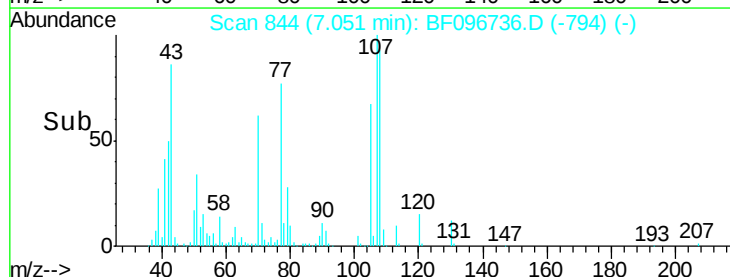
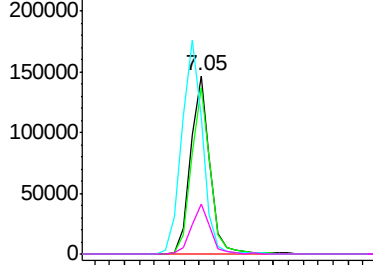


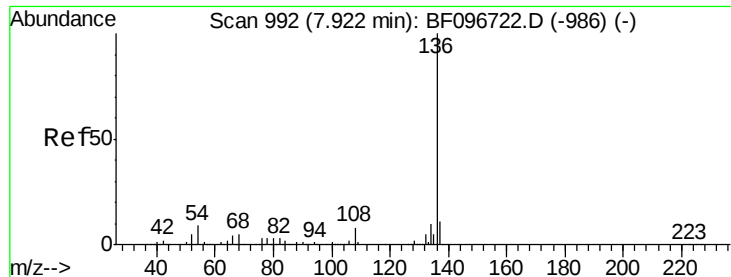
#20
3+4-Methylphenols
Concen: 20.800 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

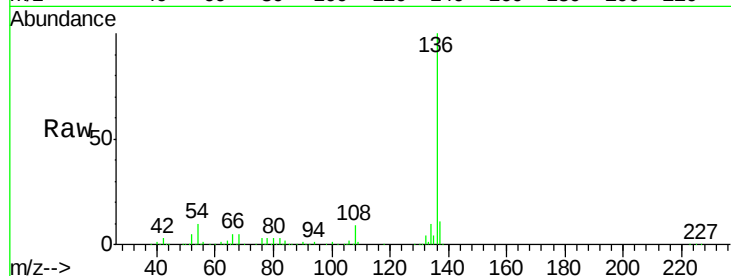




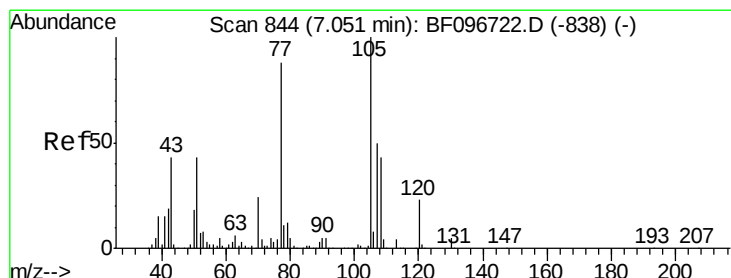
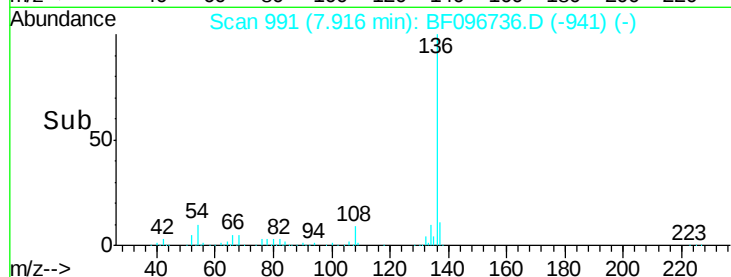
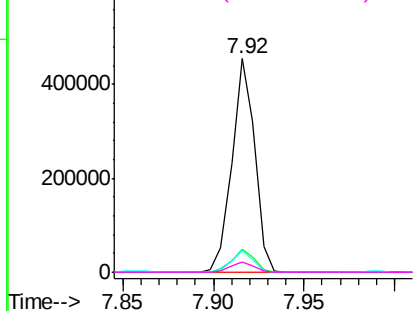
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

Tgt 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

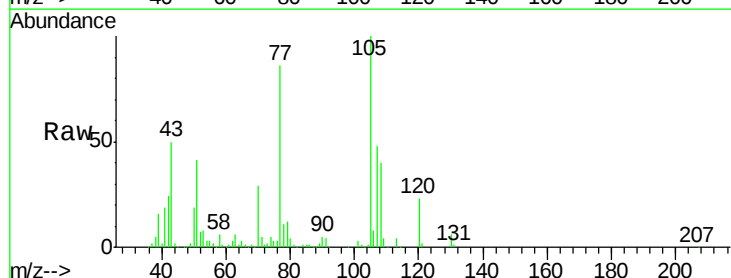


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

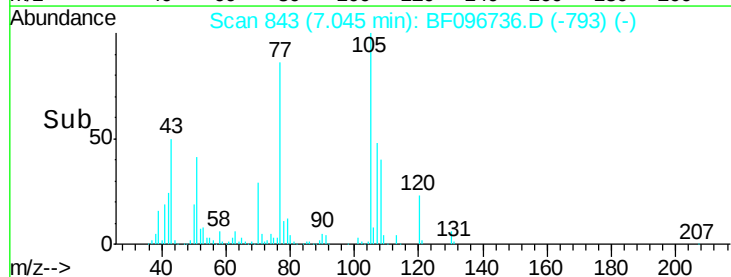
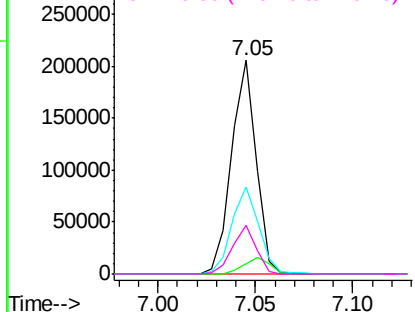


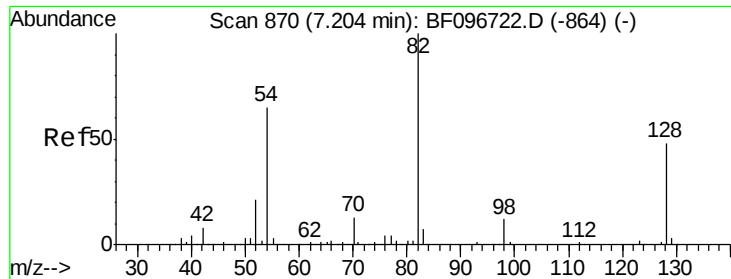
#22
Acetophenone
Concen: 20.295 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

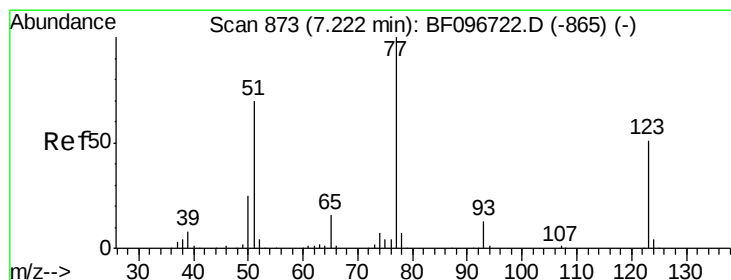
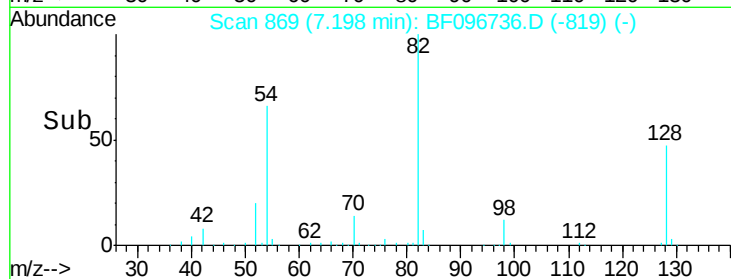
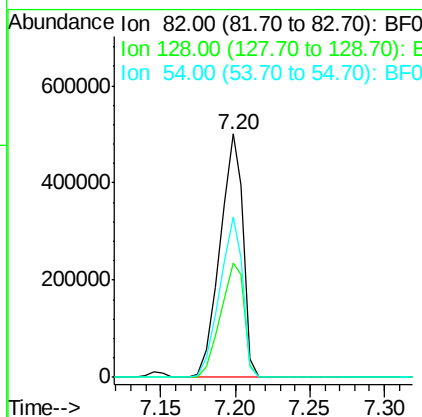
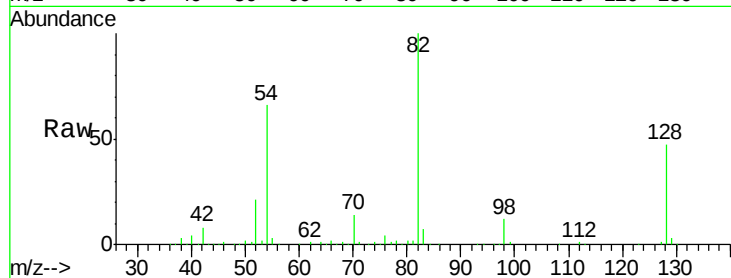




#23
 Nitrobenzene-d5
 Concen: 85.150 ng
 RT: 7.20 min Scan# 869
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

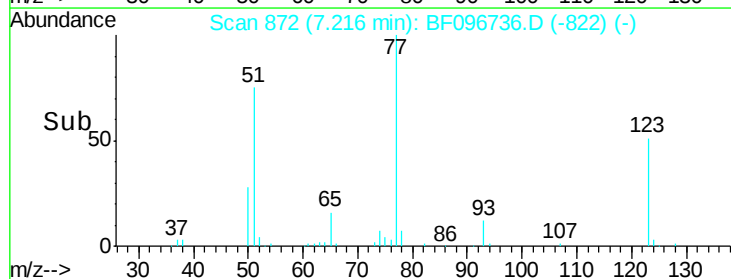
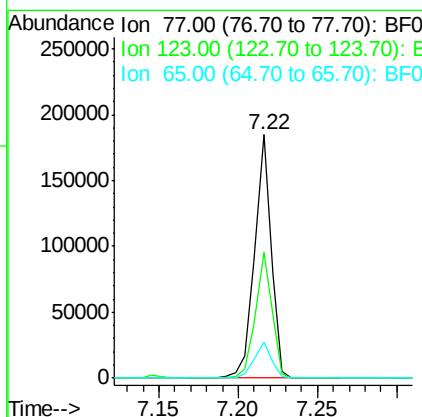
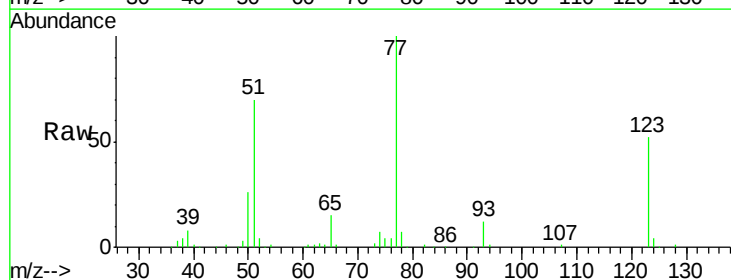
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

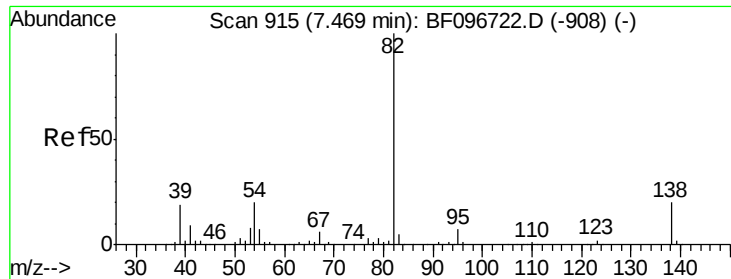
Tgt Ion: 82 Resp: 545791
 Ion Ratio Lower Upper
 82 100
 128 47.0 34.0 51.0
 54 66.1 42.2 63.2#



#24
 Nitrobenzene
 Concen: 20.359 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: 19.696 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

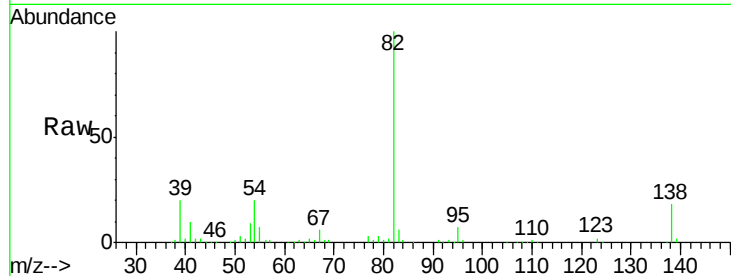
Tgt Ion: 82 Resp: 234853

Ion Ratio Lower Upper

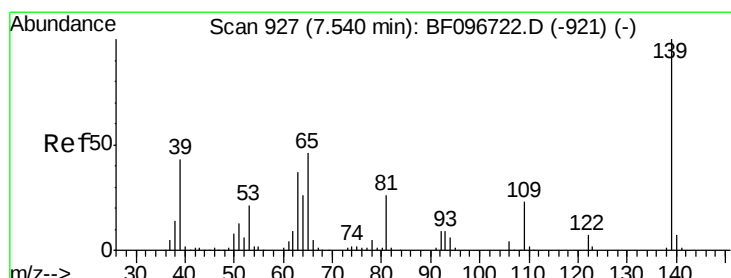
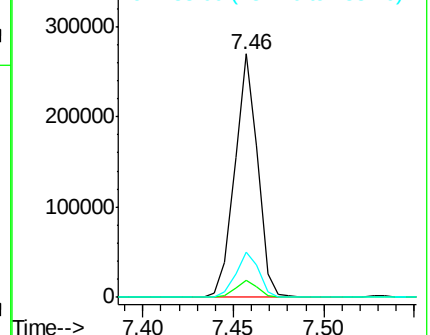
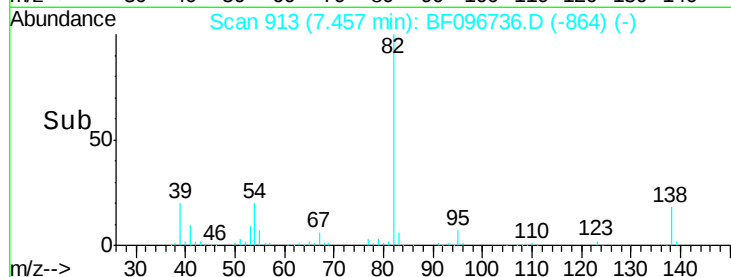
82 100

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: 20.303 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

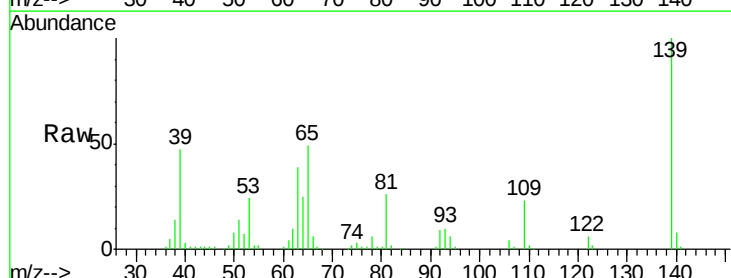
Tgt Ion: 139 Resp: 74839

Ion Ratio Lower Upper

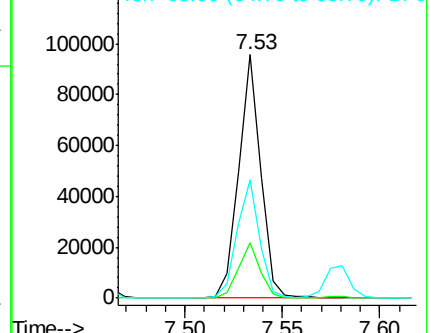
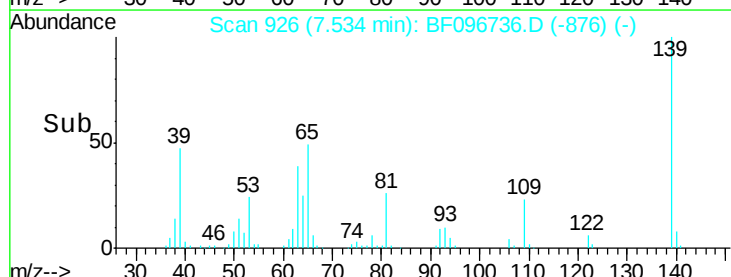
139 100

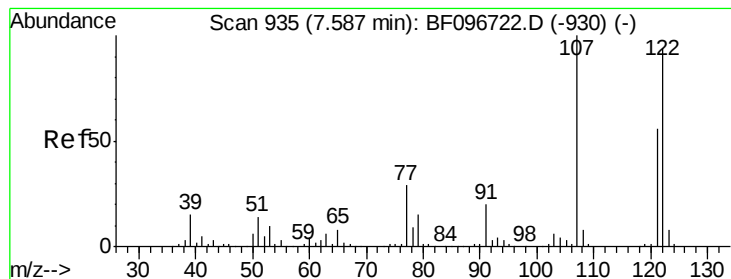
109 22.6 21.0 31.6

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: 19.980 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

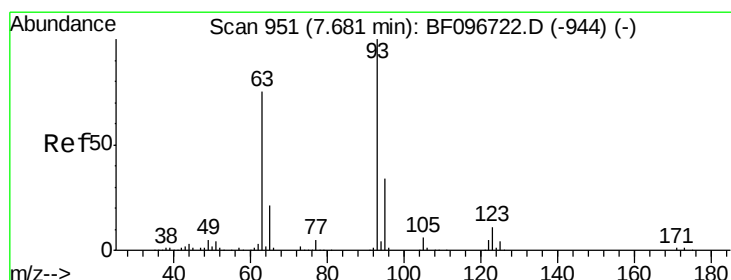
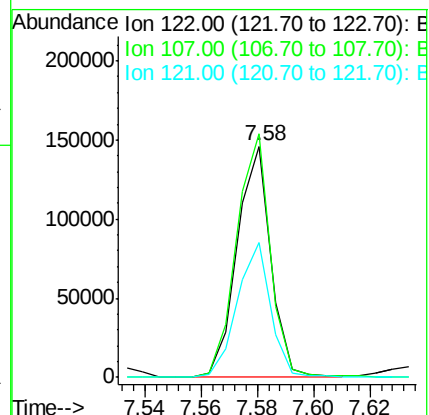
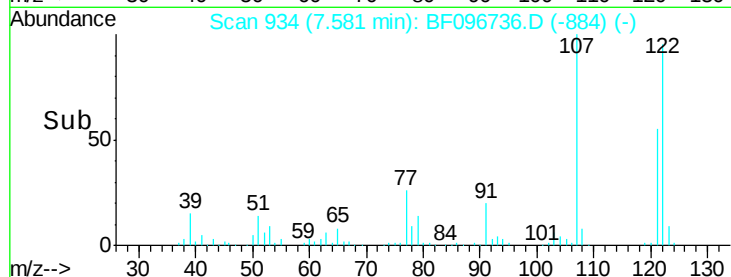
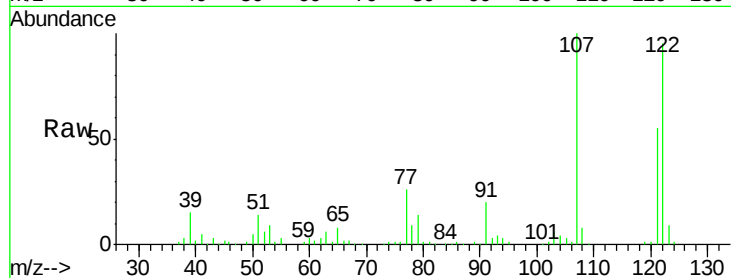
Tgt Ion: 122 Resp: 121163

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: 19.721 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

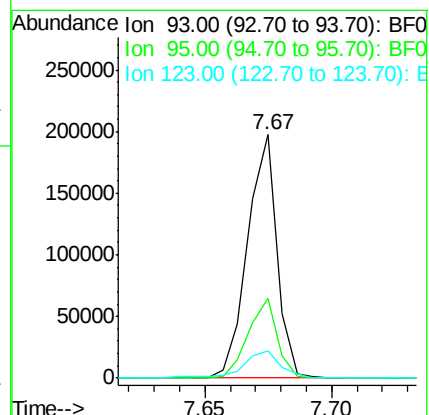
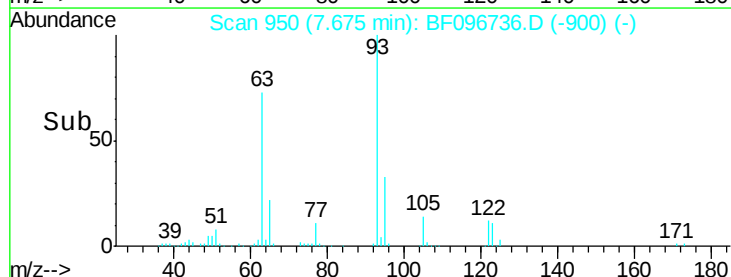
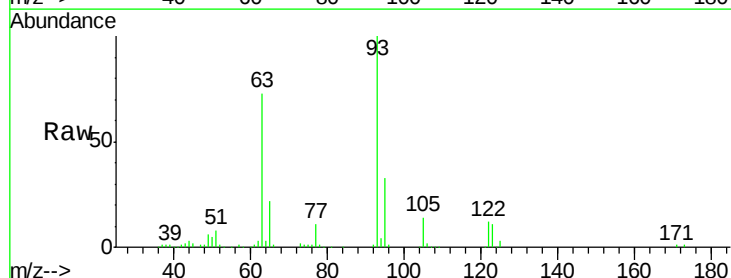
Tgt Ion: 93 Resp: 158901

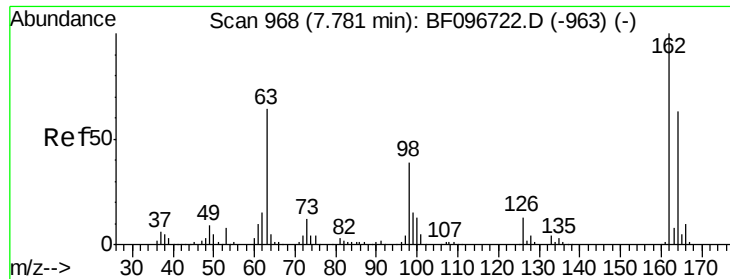
Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

123 11.0 9.0 13.4

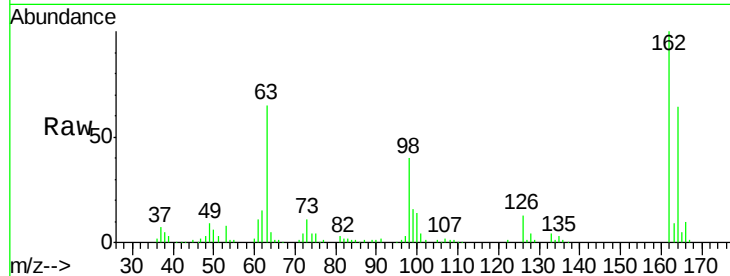




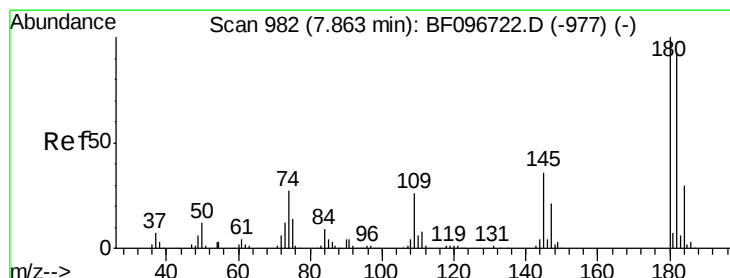
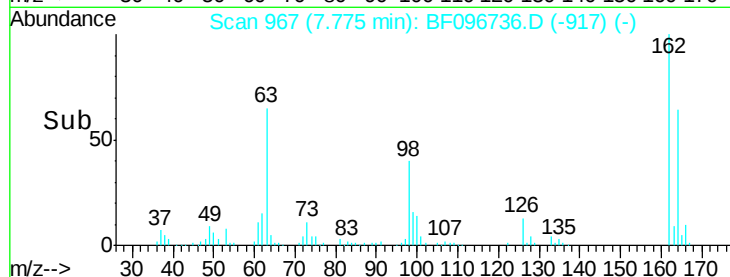
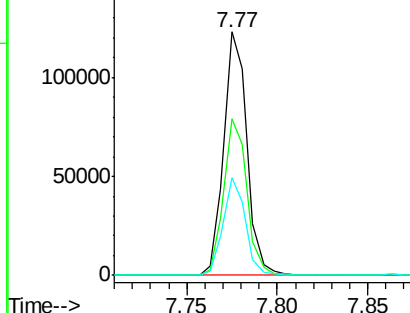
#29
2,4-Dichlorophenol
Concen: 20.018 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	40.0	14.8	54.8

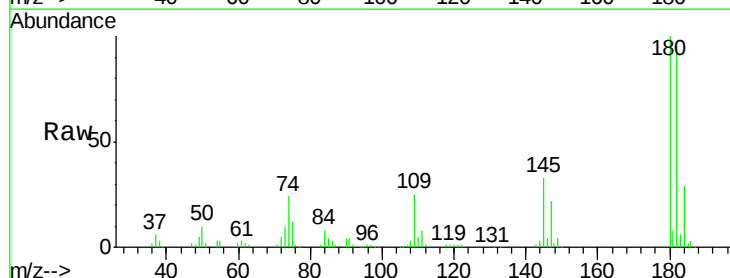


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

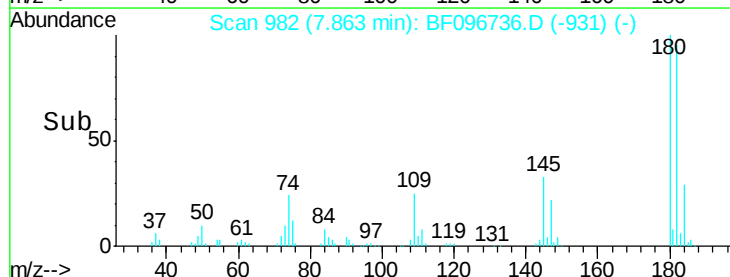
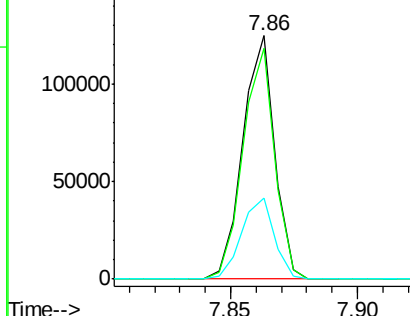


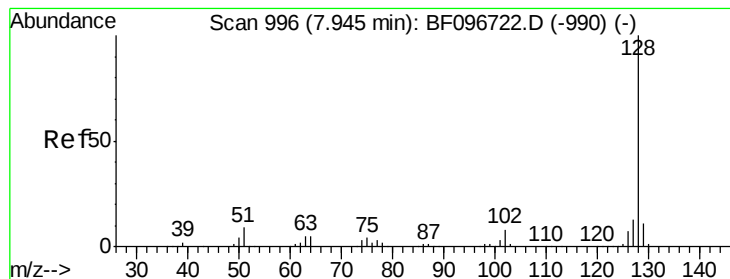
#30
1,2,4-Trichlorobenzene
Concen: 20.831 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion	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: 20.917 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

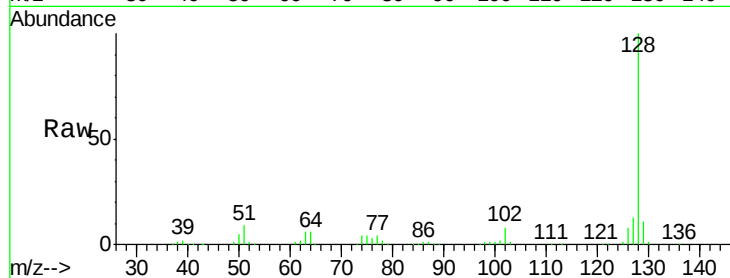
Tgt Ion:128 Resp: 393414

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

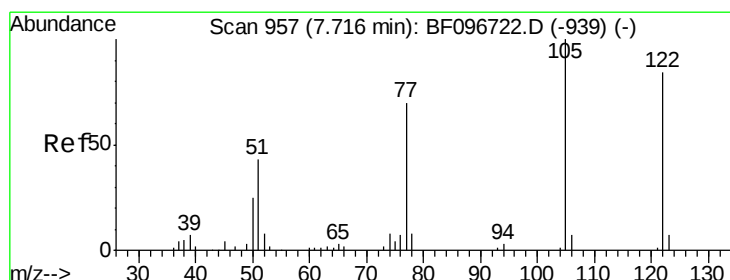
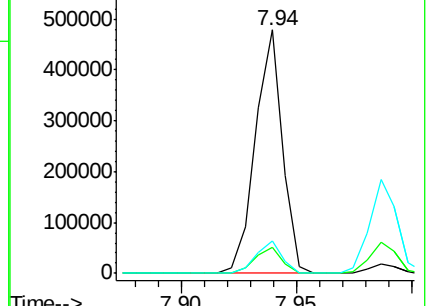
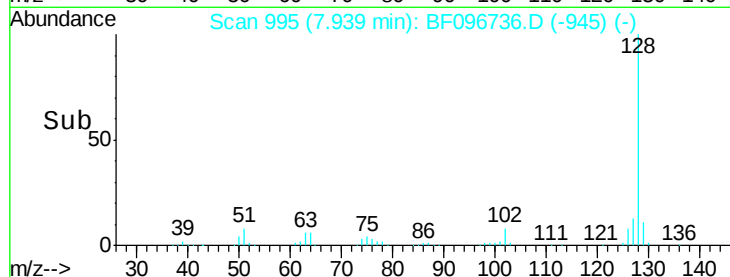
127 13.1 10.8 16.2



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: 20.236 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.03 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

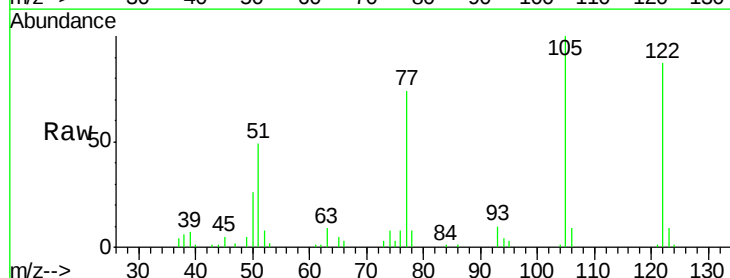
Tgt Ion:122 Resp: 78433

Ion Ratio Lower Upper

122 100

105 115.5 103.3 143.3

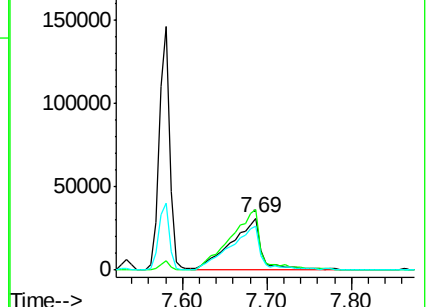
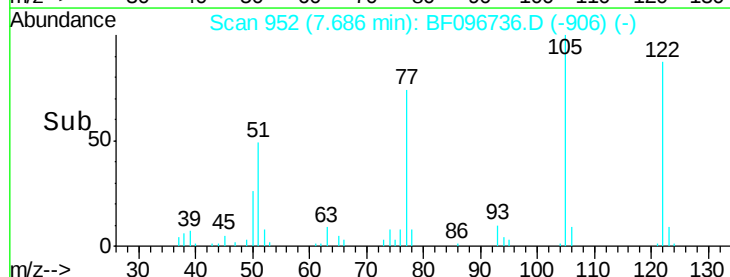
77 85.0 73.7 113.7

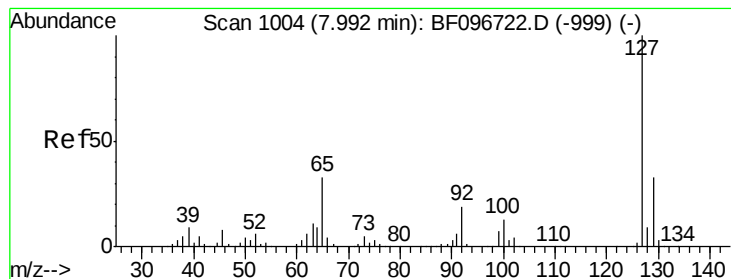


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 20.802 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

Tgt Ion:127 Resp: 155011

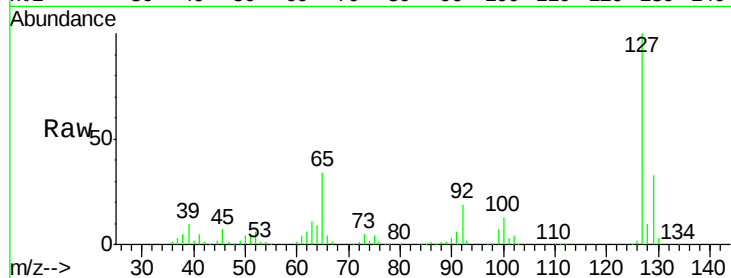
Ion Ratio Lower Upper

127 100

129 32.9 26.2 39.2

65 33.5 27.8 41.8

92 19.5 16.8 25.2

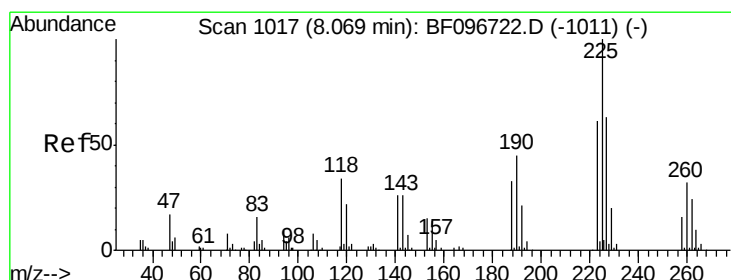
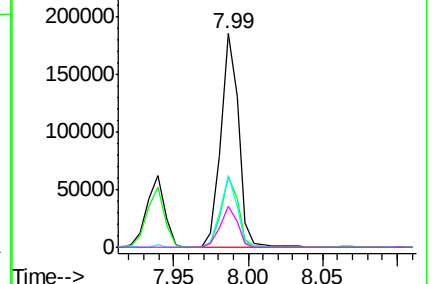
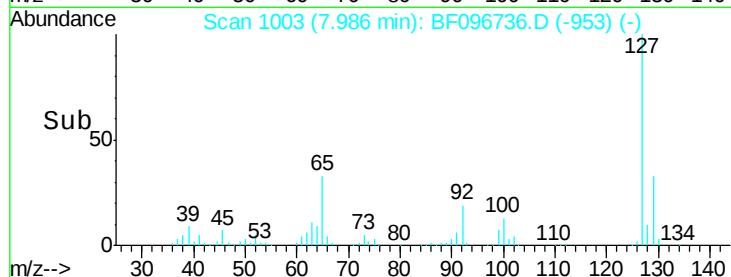


Abundance Ion 127.00 (126.70 to 127.70): E

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: 21.466 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

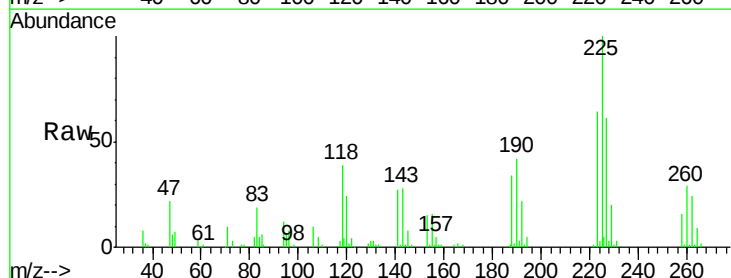
Tgt Ion:225 Resp: 59806

Ion Ratio Lower Upper

225 100

223 63.8 48.8 73.2

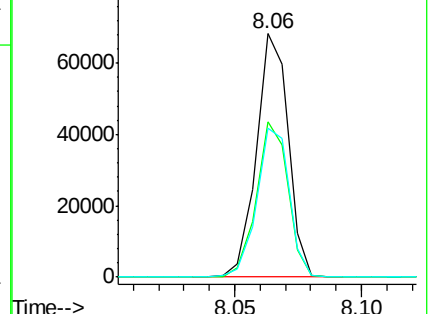
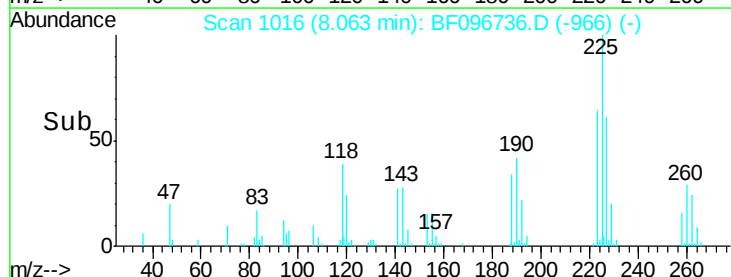
227 61.2 51.1 76.7

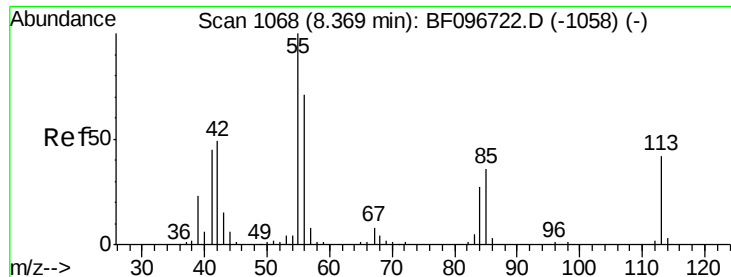


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 18.731 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

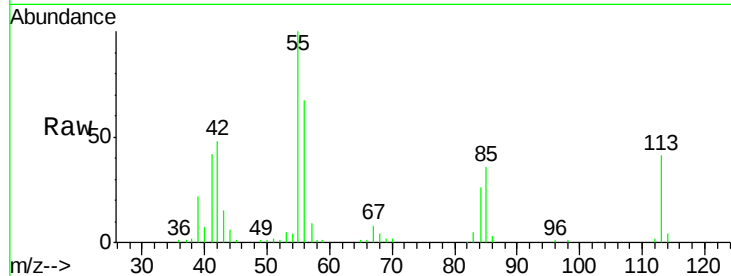
Tgt Ion:113 Resp: 32945

Ion Ratio Lower Upper

113 100

55 245.2 150.2 190.2#

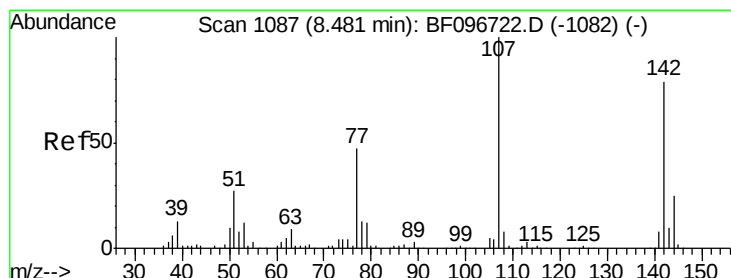
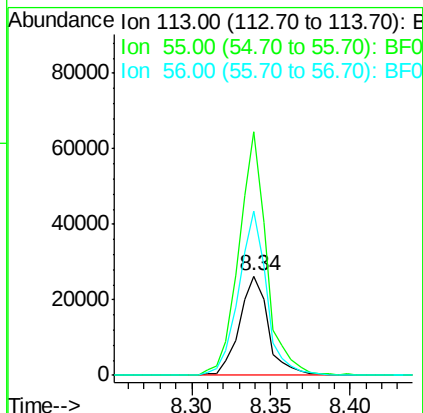
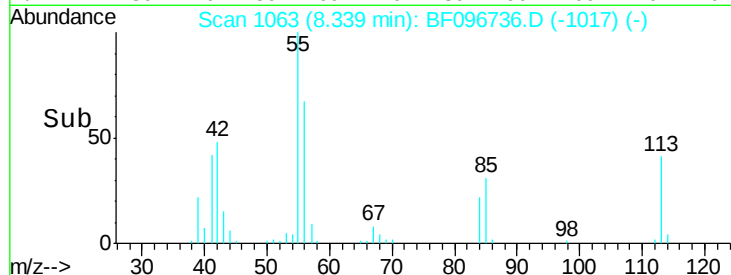
56 165.3 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 20.320 ng

RT: 8.47 min Scan# 1086

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

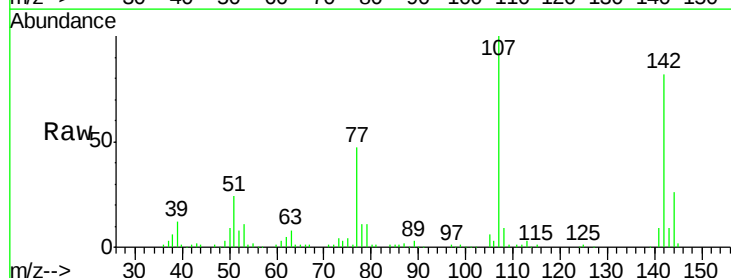
Tgt Ion:107 Resp: 119933

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

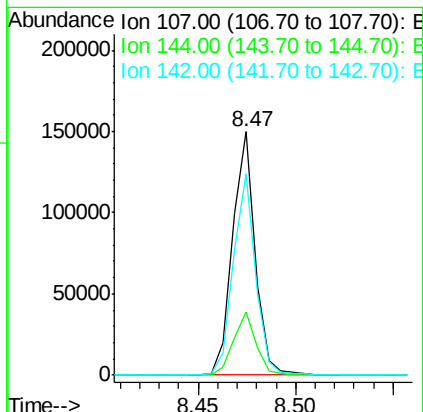
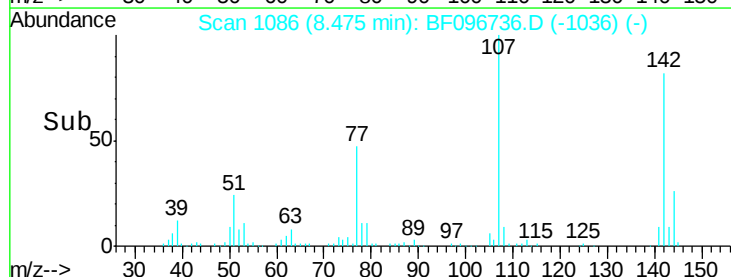
142 82.5 73.4 110.0

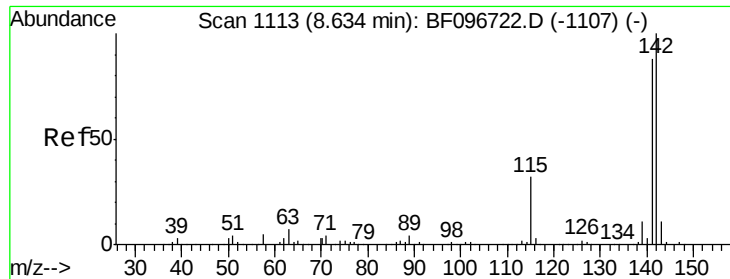


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

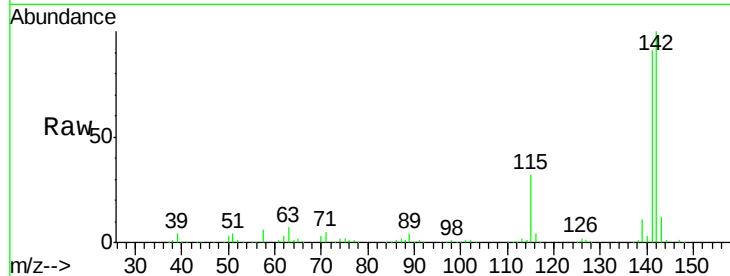




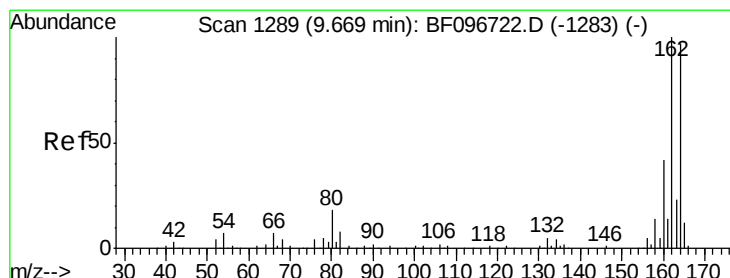
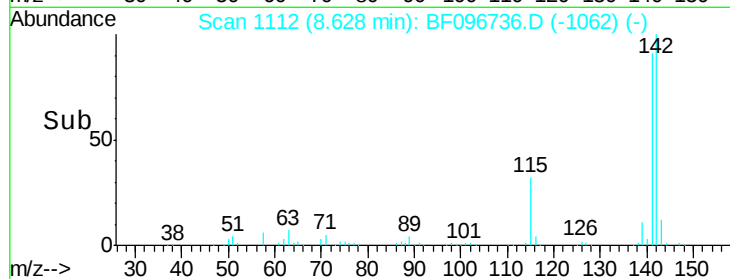
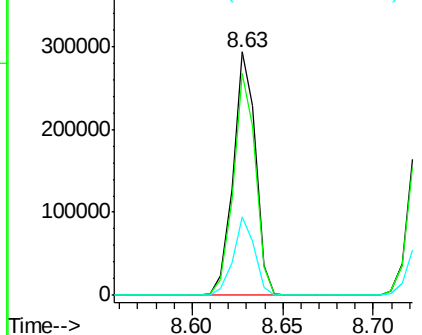
#37
 2-Methylnaphthalene
 Concen: 21.015 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.3	106.9
115	32.4	27.1	40.7

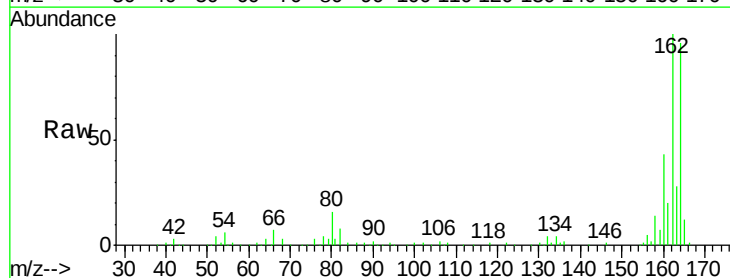


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

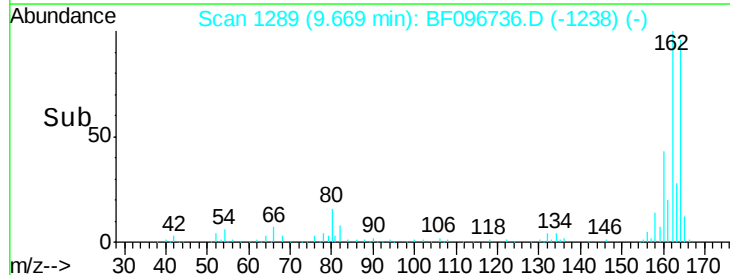
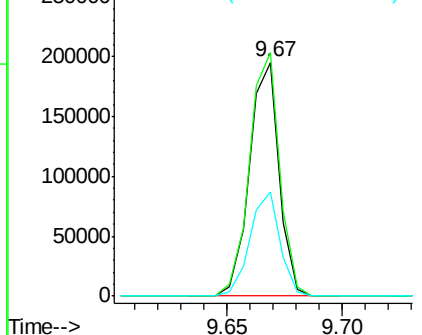


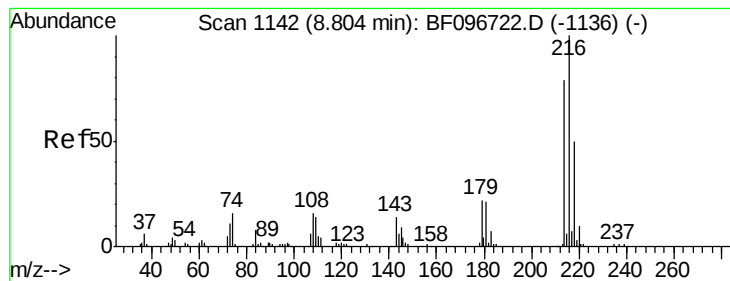
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Tgt Ion	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: 21.972 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

Tgt Ion:216 Resp: 104140

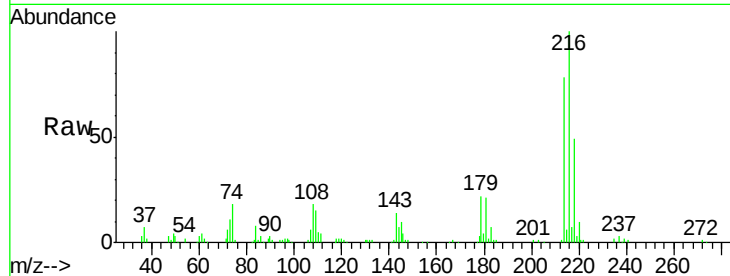
Ion Ratio Lower Upper

216 100

214 78.7 63.4 95.2

179 22.3 17.9 26.9

108 19.1 16.5 24.7

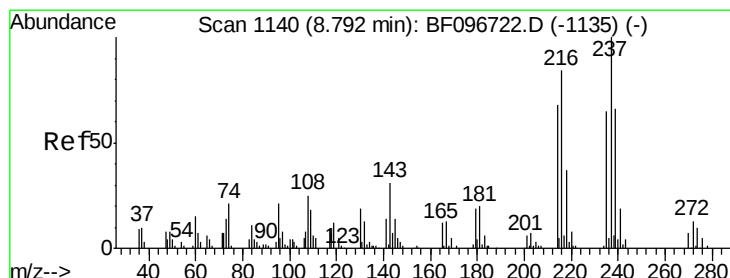
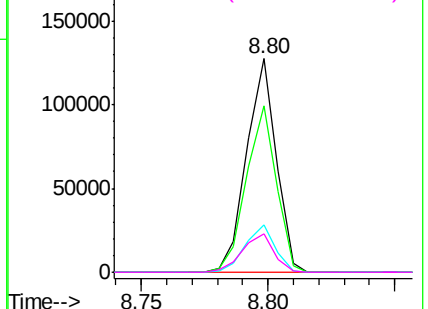
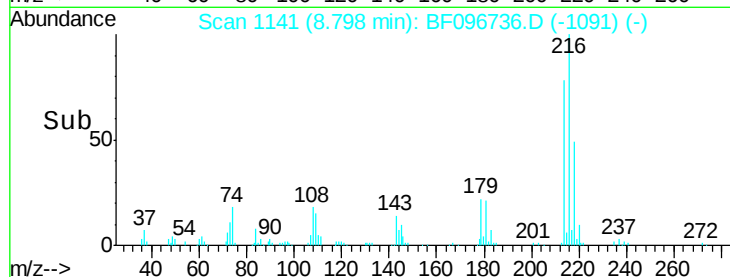


Abundance Ion 216.00 (215.70 to 216.70): E

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: 19.473 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

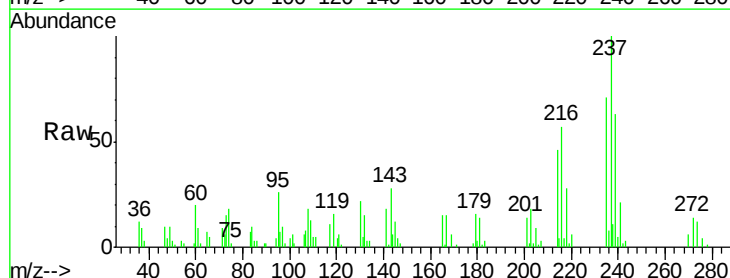
Tgt Ion:237 Resp: 27546

Ion Ratio Lower Upper

237 100

235 71.3 42.6 82.6

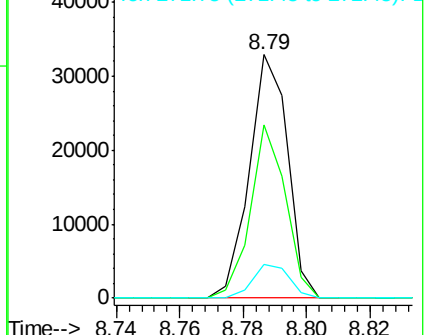
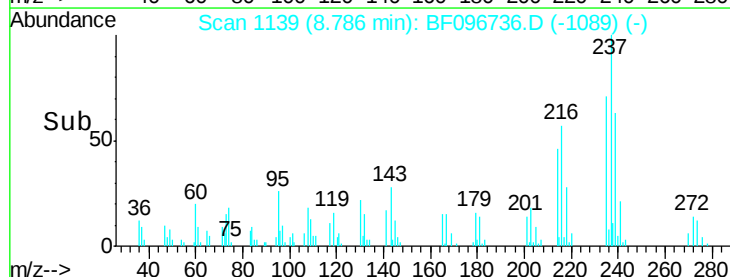
272 13.7 0.0 31.9

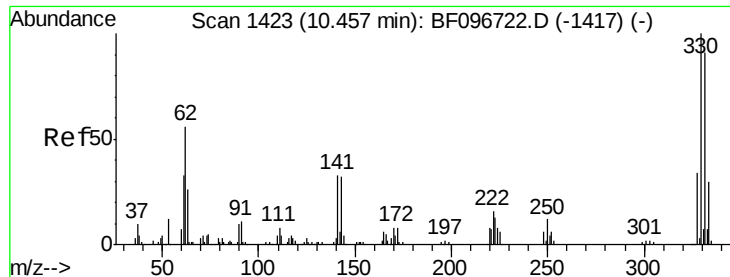


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

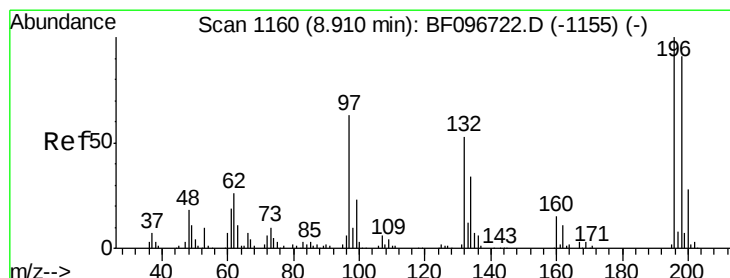
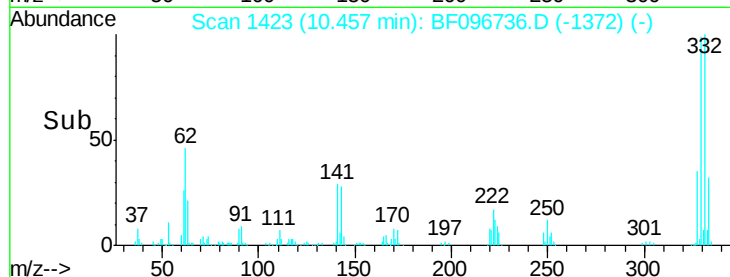
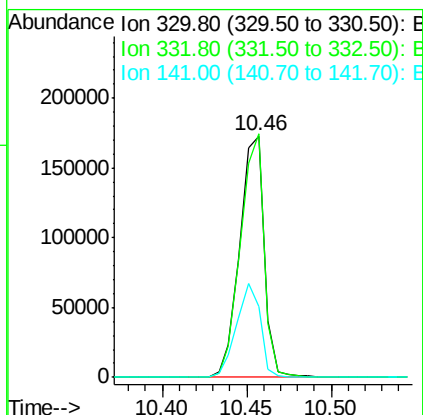
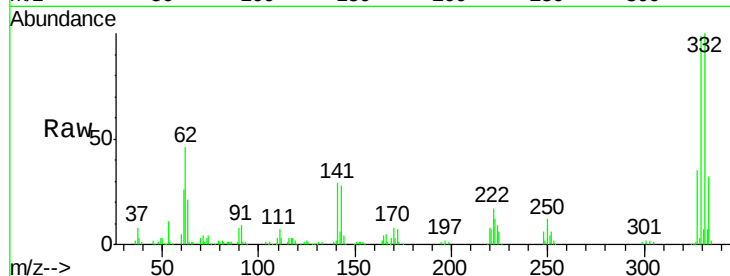




#41
 2,4,6-Tribromophenol
 Concen: 117.390 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

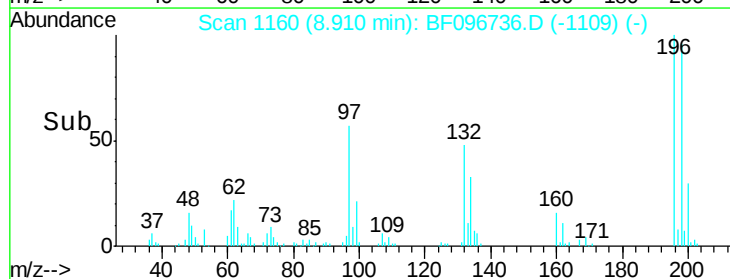
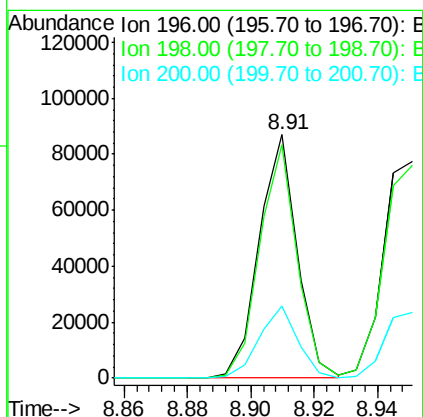
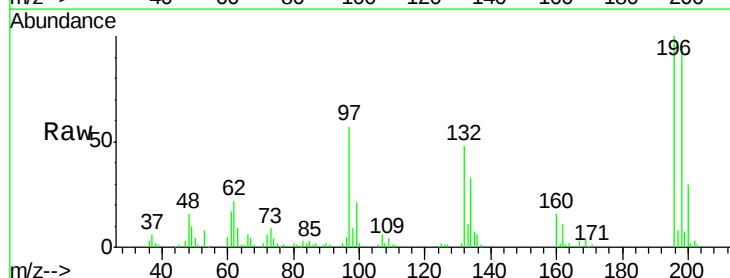
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

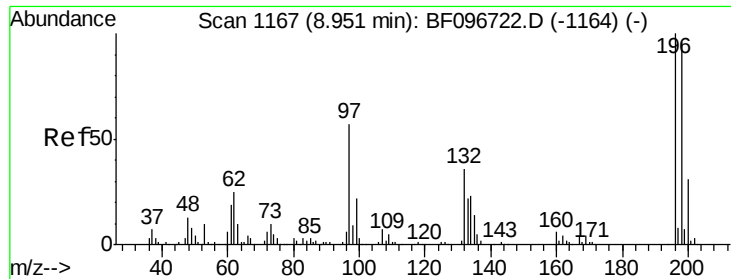
Tgt Ion:330 Resp: 175692
 Ion Ratio Lower Upper
 330 100
 332 97.5 76.6 115.0
 141 38.1 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 20.772 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

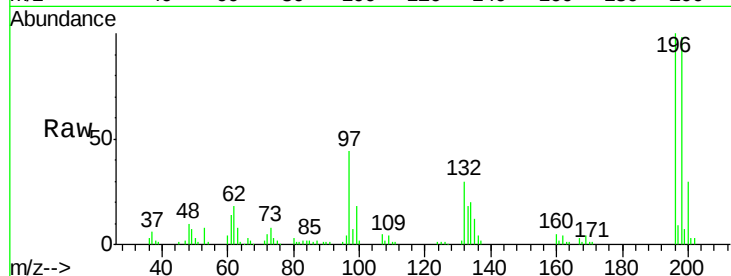




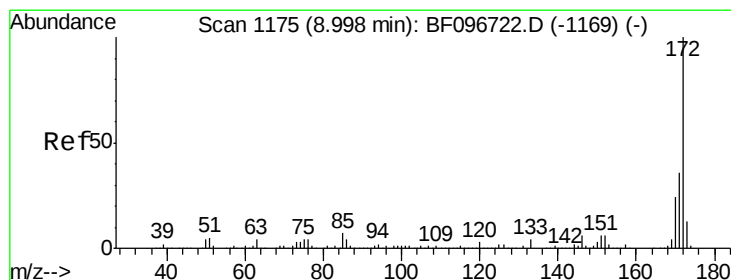
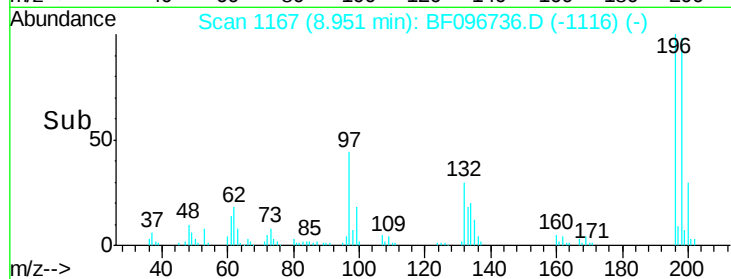
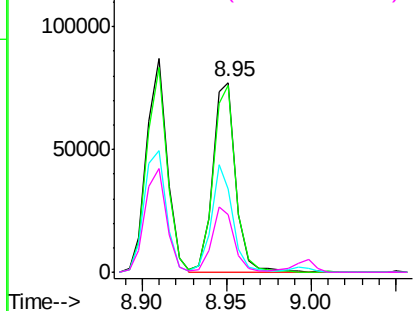
#43
 2,4,5-Trichlorophenol
 Concen: 20.909 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

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

Tgt 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

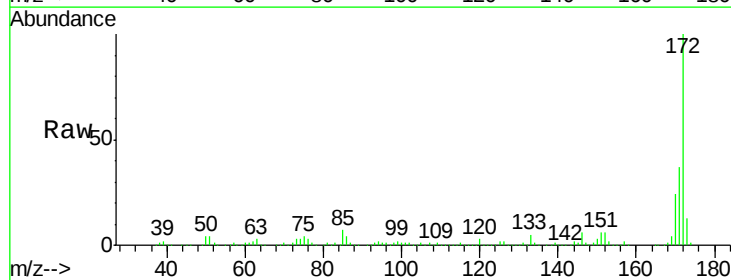


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

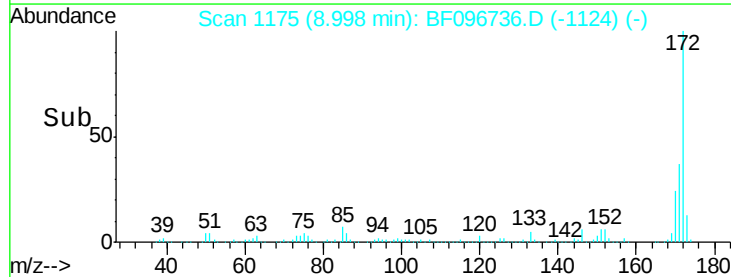
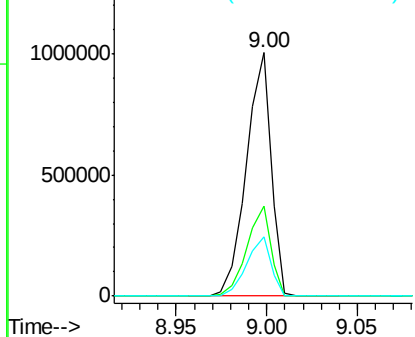


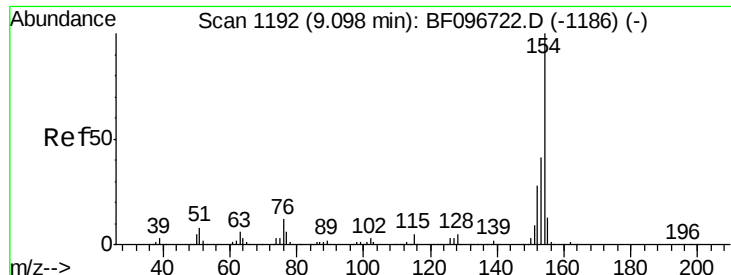
#44
 2-Fluorobiphenyl
 Concen: 85.855 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

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: 22.058 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

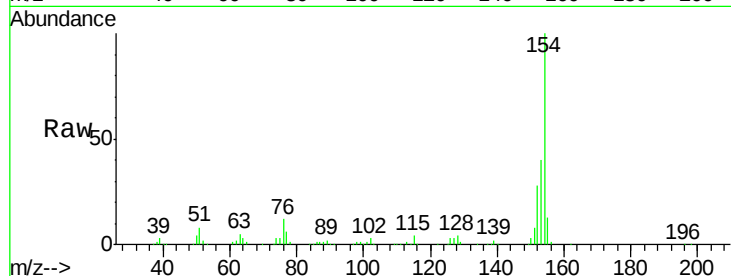
Tgt Ion:154 Resp: 331700

Ion Ratio Lower Upper

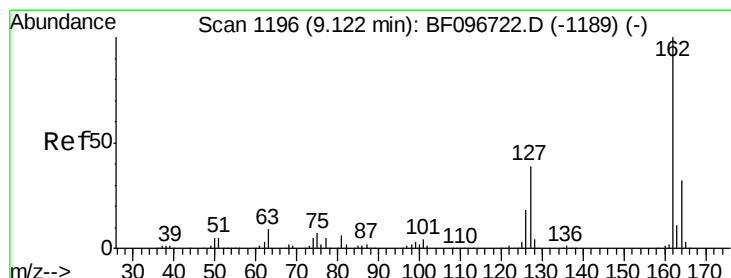
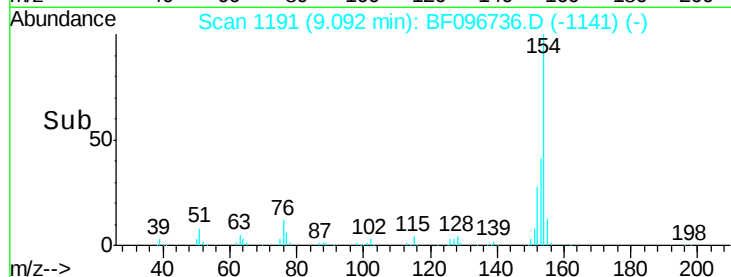
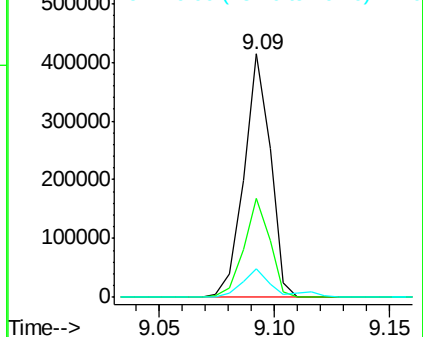
154 100

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: 21.593 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

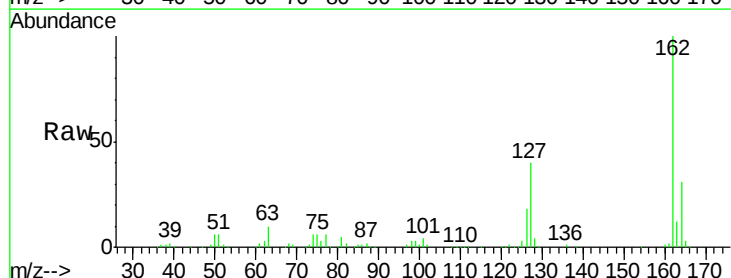
Tgt Ion:162 Resp: 239096

Ion Ratio Lower Upper

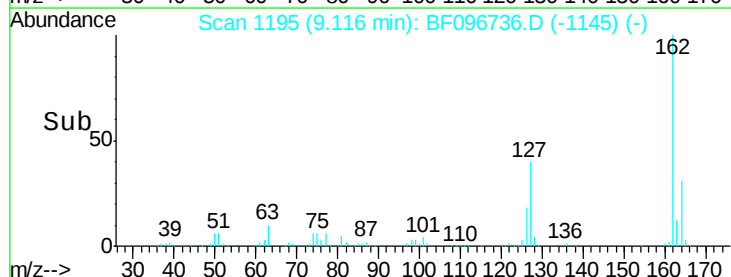
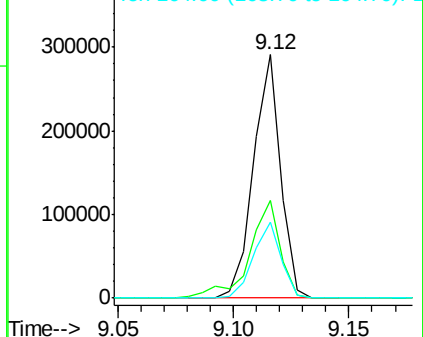
162 100

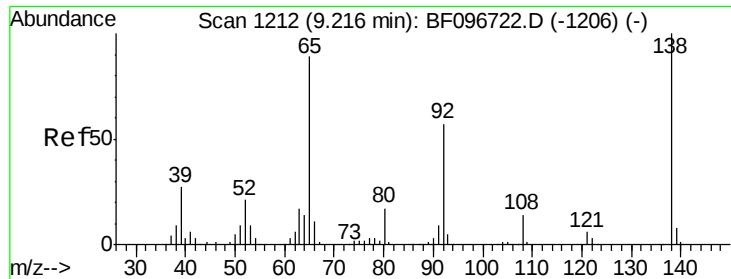
127 40.2 28.3 42.5

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

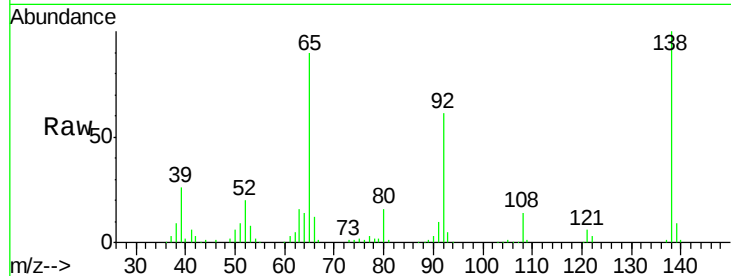




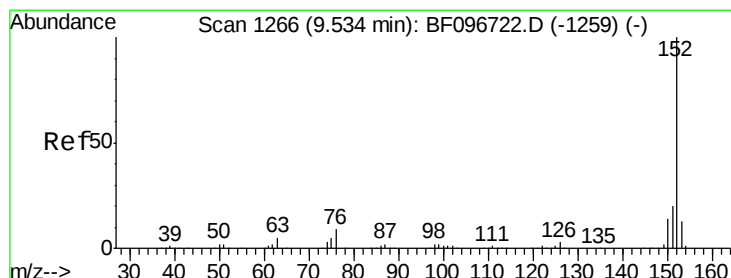
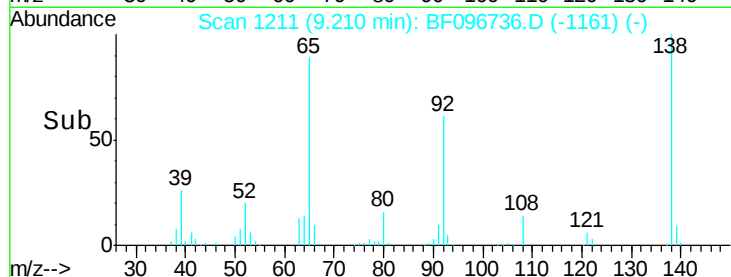
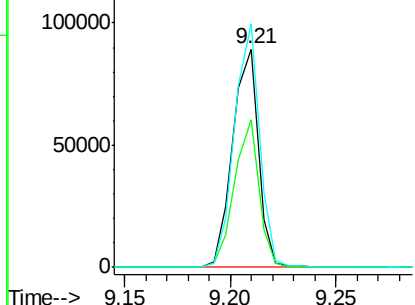
#47
2-Nitroaniline
Concen: 19.741 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

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

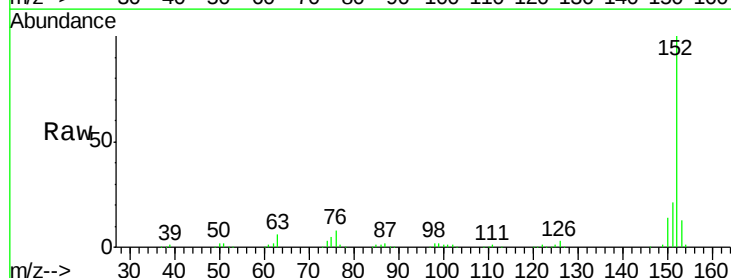


Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E

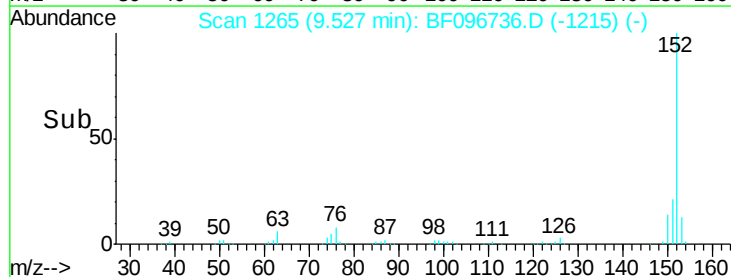
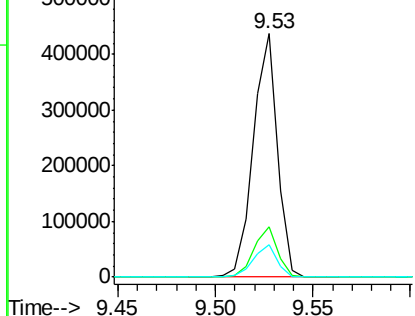


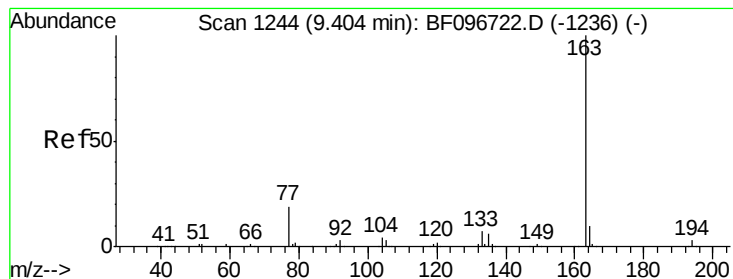
#48
Acenaphthylene
Concen: 21.119 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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: 20.956 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

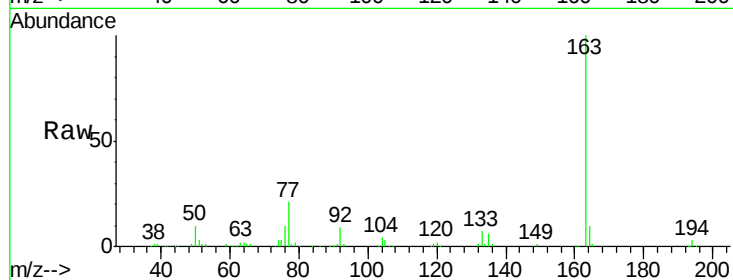
Tgt Ion:163 Resp: 276661

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

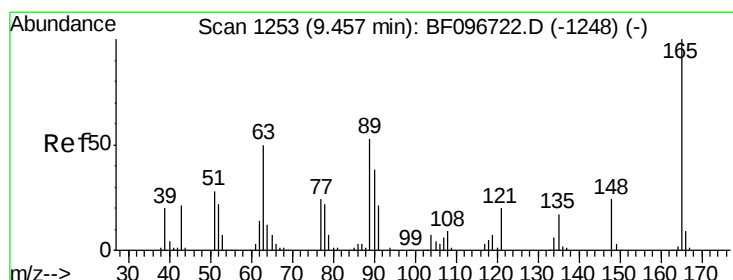
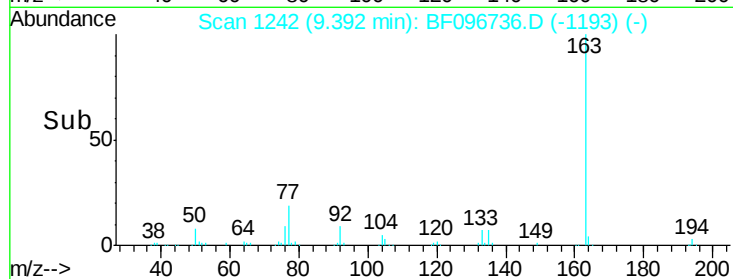
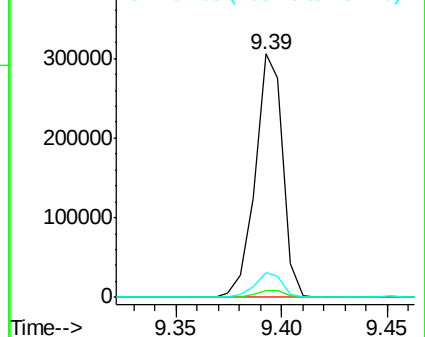
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 21.042 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

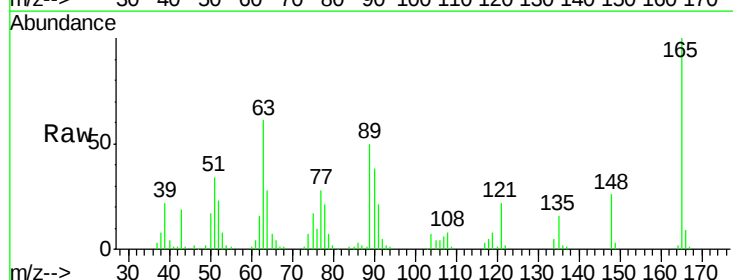
Tgt Ion:165 Resp: 60172

Ion Ratio Lower Upper

165 100

63 61.3 34.3 51.5#

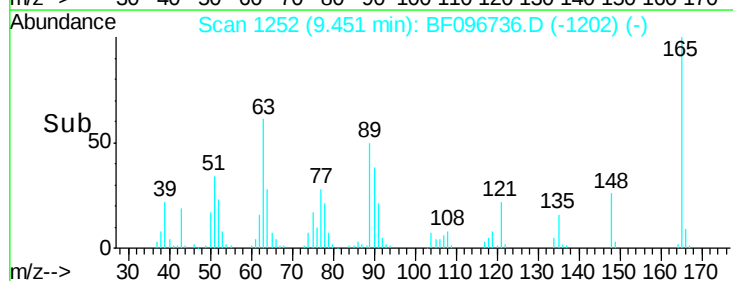
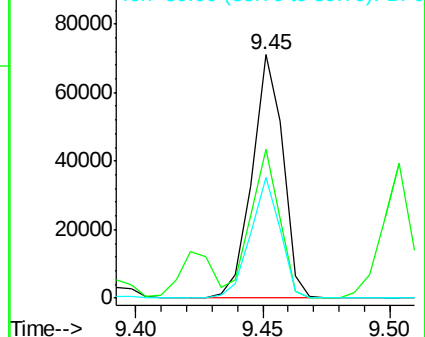
89 49.8 37.1 55.7

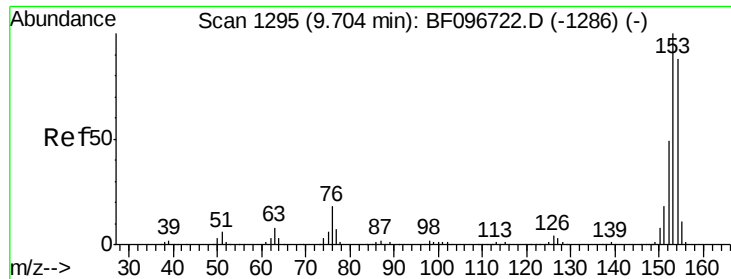


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 20.660 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

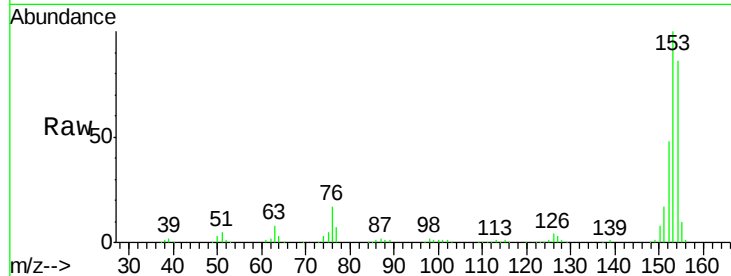
Tgt Ion:154 Resp: 215329

Ion Ratio Lower Upper

154 100

153 116.0 90.5 135.7

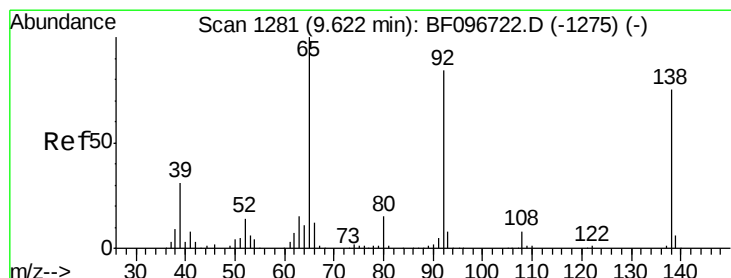
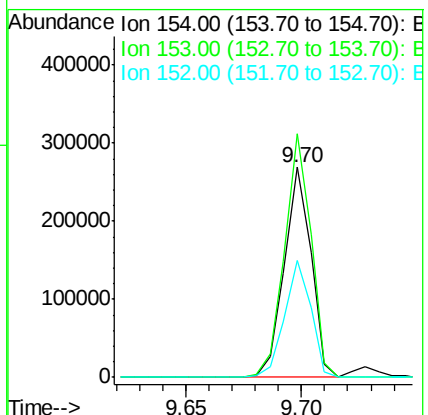
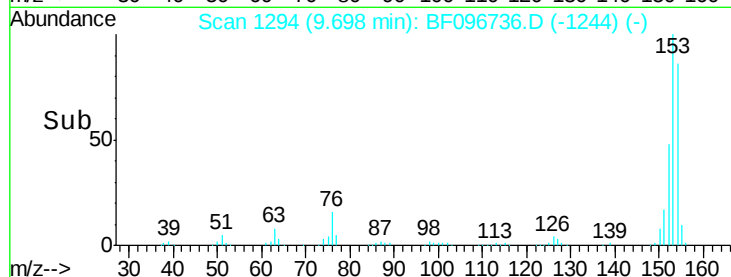
152 55.5 43.6 65.4



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: 19.784 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

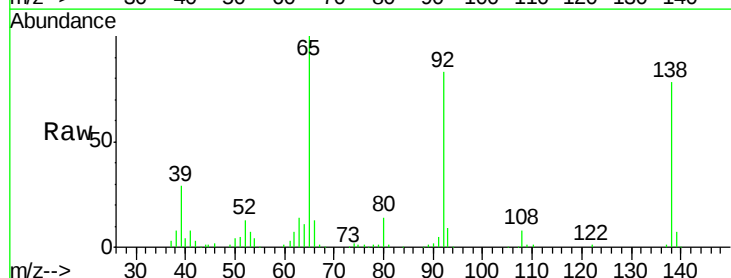
Tgt Ion:138 Resp: 67020

Ion Ratio Lower Upper

138 100

108 10.3 9.1 13.7

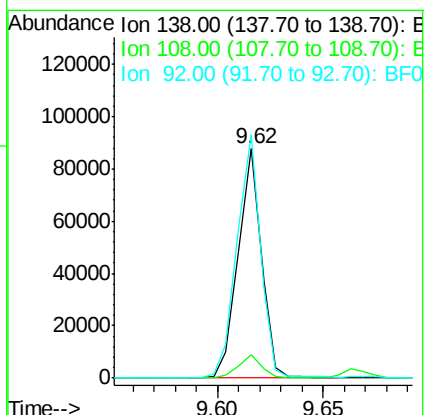
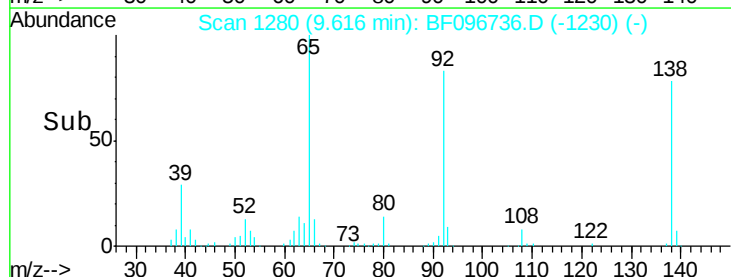
92 106.3 93.8 140.6

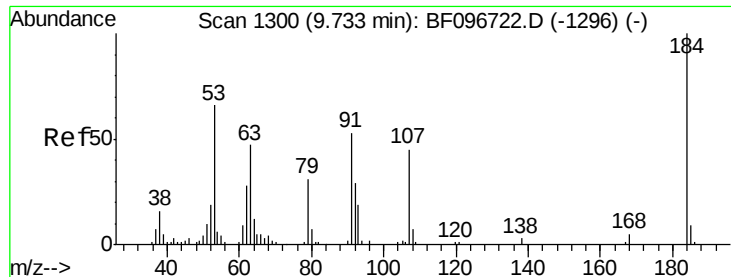


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

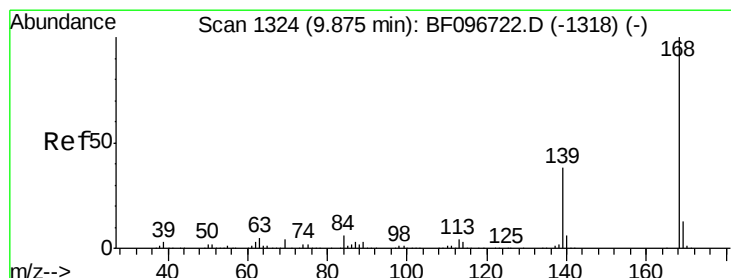
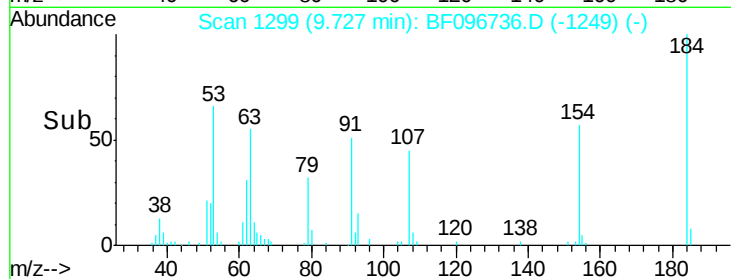
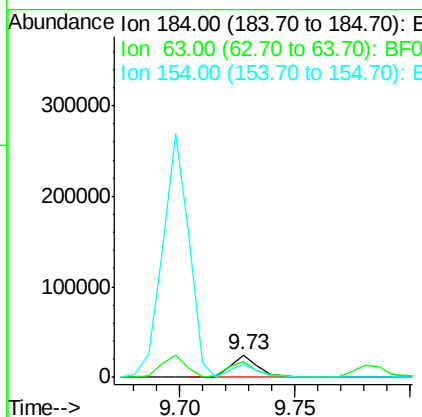
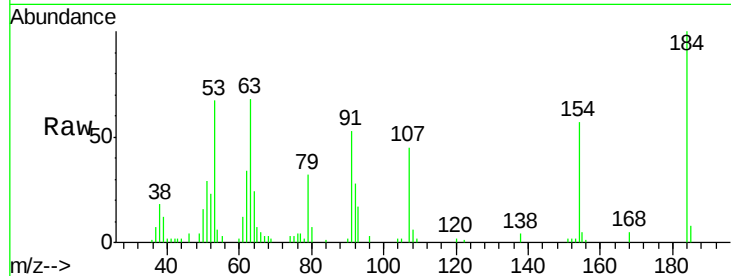




#53
 2,4-Dinitrophenol
 Concen: 19.958 ng
 RT: 9.73 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

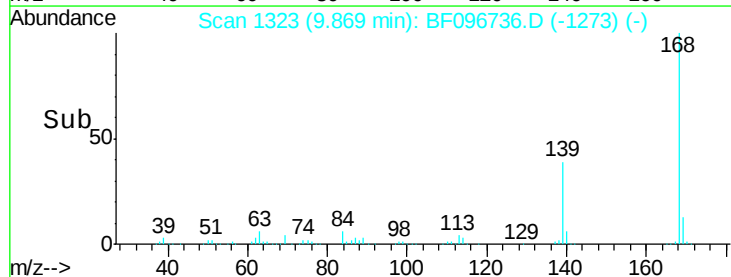
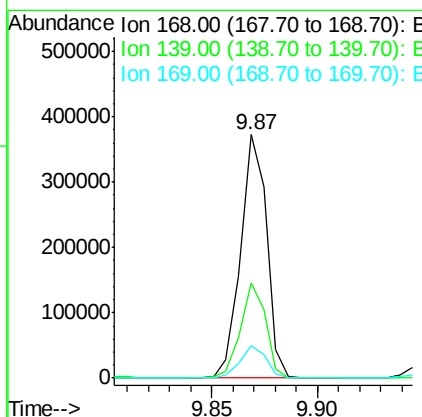
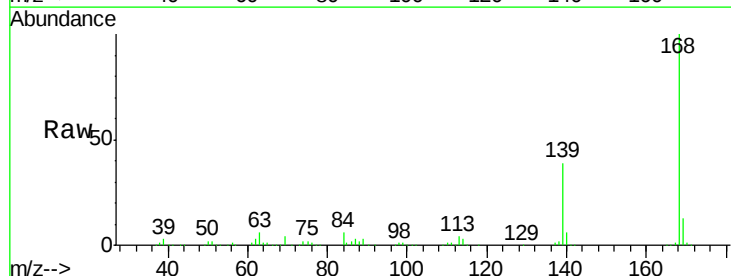
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

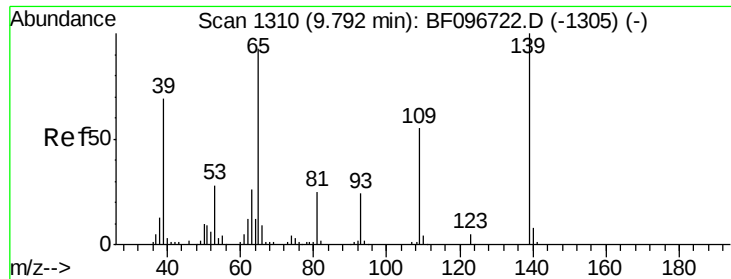
Tgt Ion:184 Resp: 20436
 Ion Ratio Lower Upper
 184 100
 63 68.1 62.7 94.1
 154 56.8 81.1 121.7#



#54
 Dibenzofuran
 Concen: 21.706 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: 18.907 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

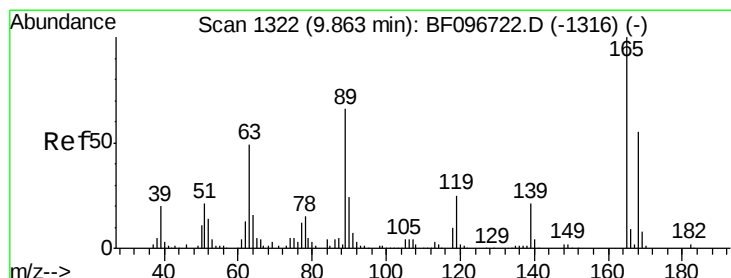
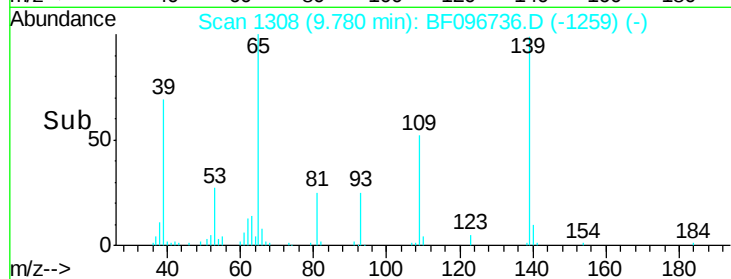
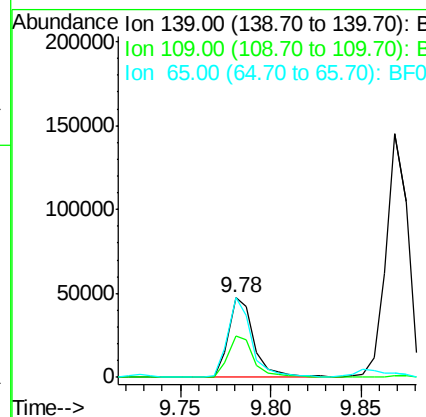
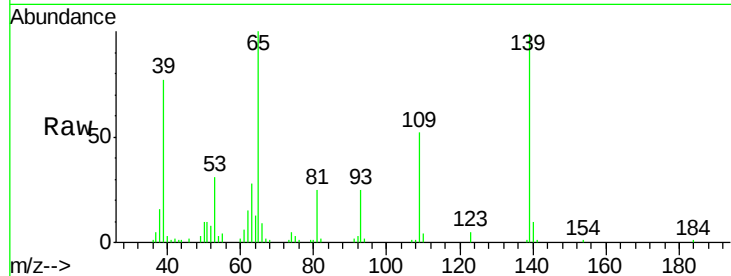
Tgt Ion:139 Resp: 46794

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: 20.573 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

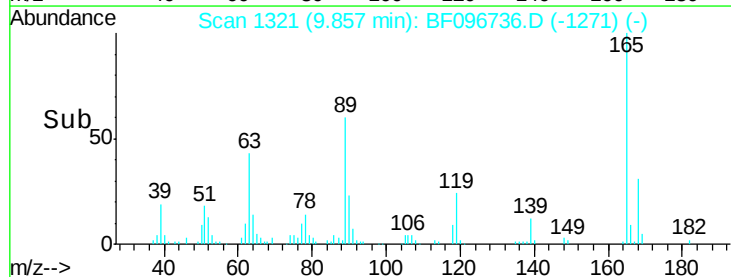
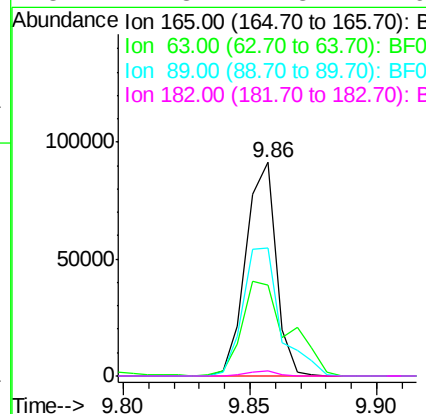
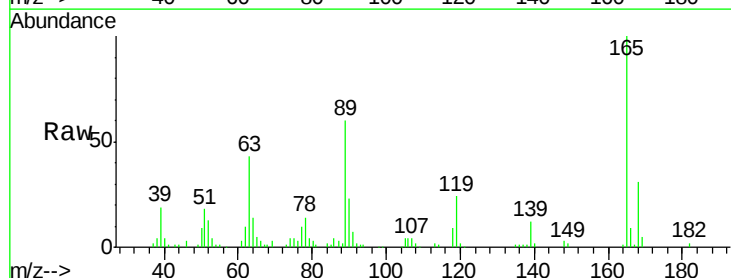
Ion Ratio Lower Upper

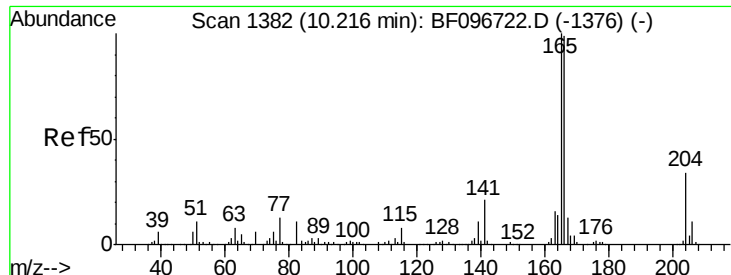
165 100

63 42.6 25.4 38.0#

89 59.7 46.4 69.6

182 2.3 1.8 2.6





#57

Fluorene

Concen: 22.805 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

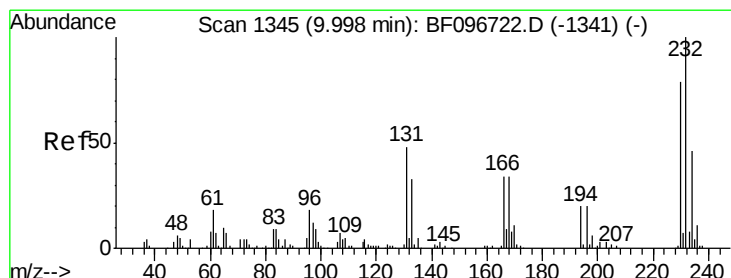
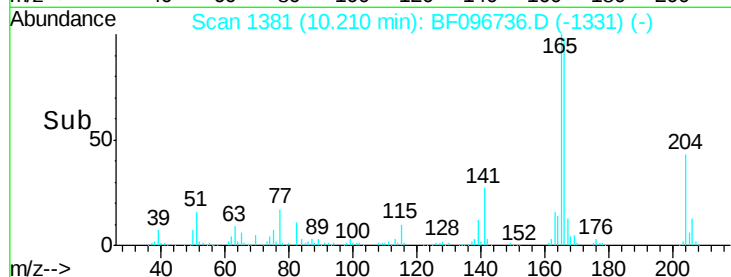
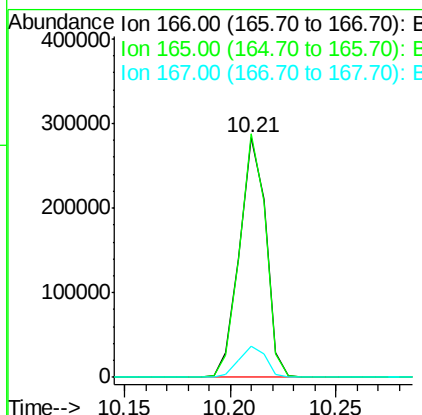
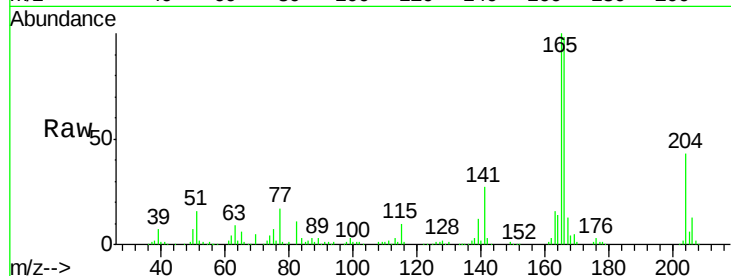
Tgt Ion:166 Resp: 246130

Ion Ratio Lower Upper

166 100

165 101.6 78.8 118.2

167 13.0 10.6 16.0



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.636 ng

RT: 9.99 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BF096736.D

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Tgt Ion:232 Resp: 50464

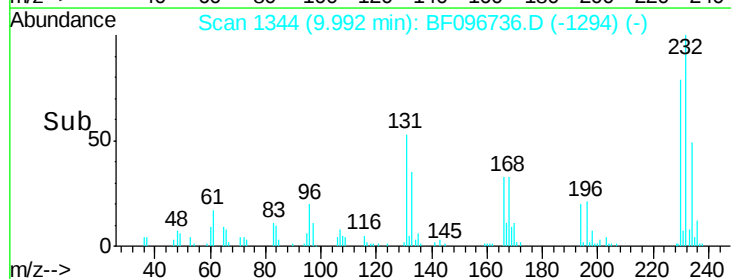
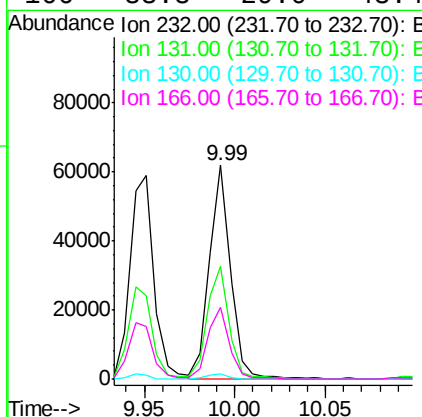
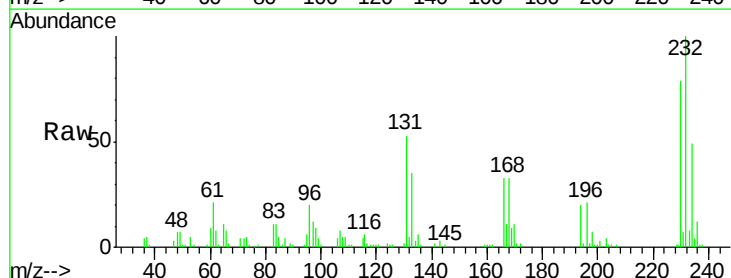
Ion Ratio Lower Upper

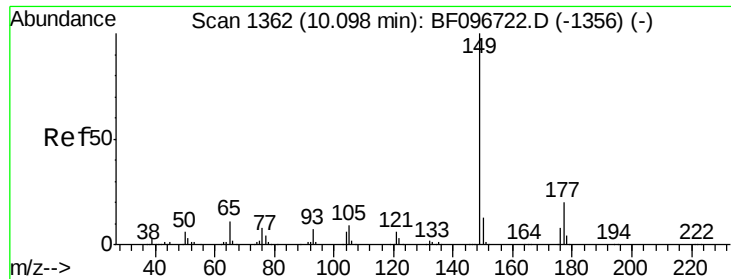
232 100

131 54.7 44.8 67.2

130 2.3 2.3 3.5#

166 33.8 29.0 43.4

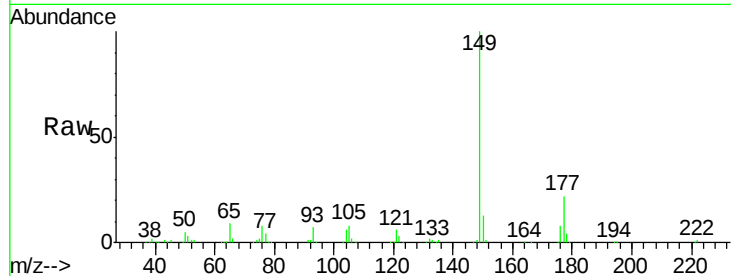




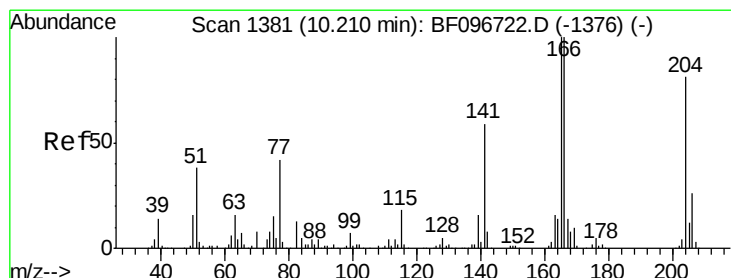
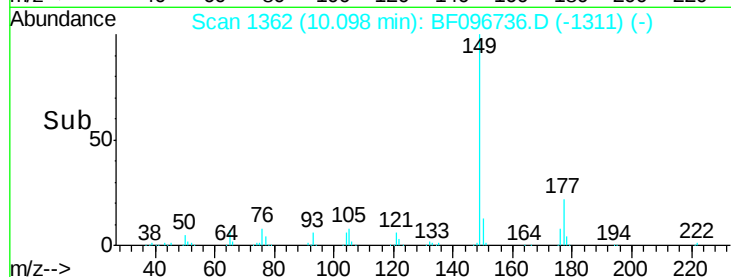
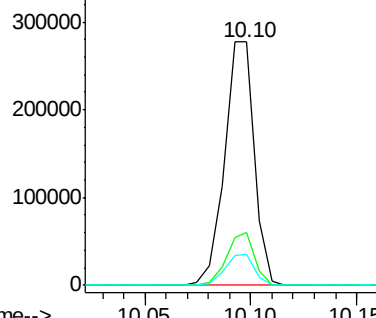
#59
Diethylphthalate
Concen: 21.238 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:149 Resp: 272962
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.6 10.2 15.2

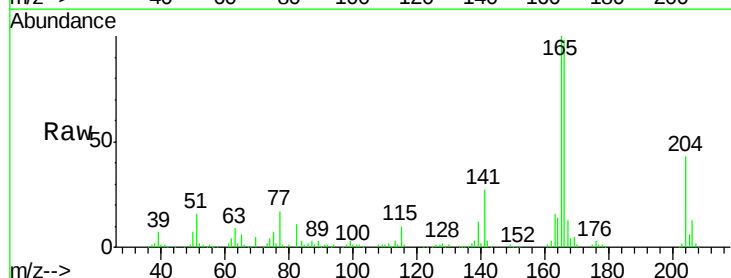


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

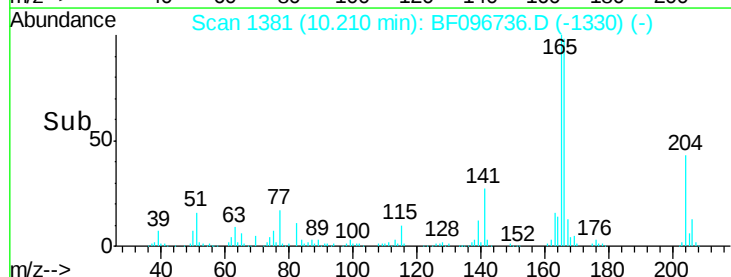
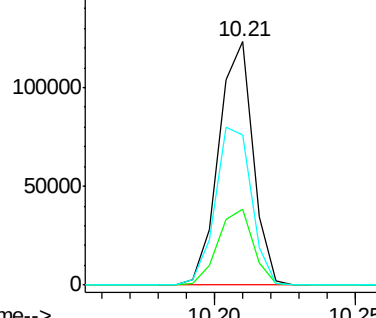


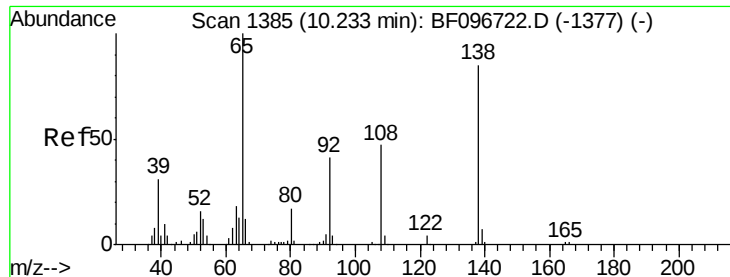
#60
4-Chlorophenyl-phenylether
Concen: 20.039 ng
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

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

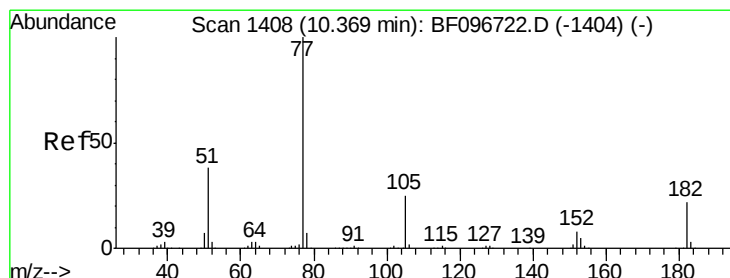
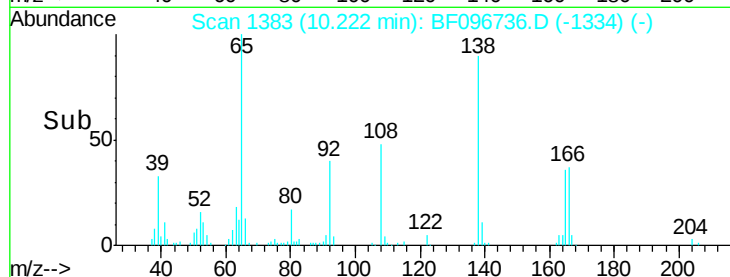
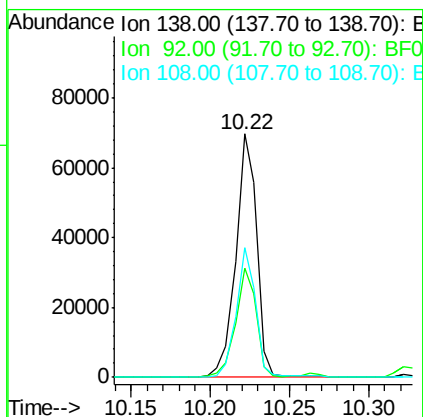
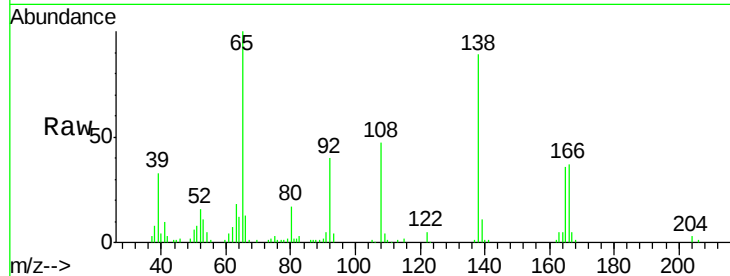




#61
4-Nitroaniline
Concen: 20.098 ng
RT: 10.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

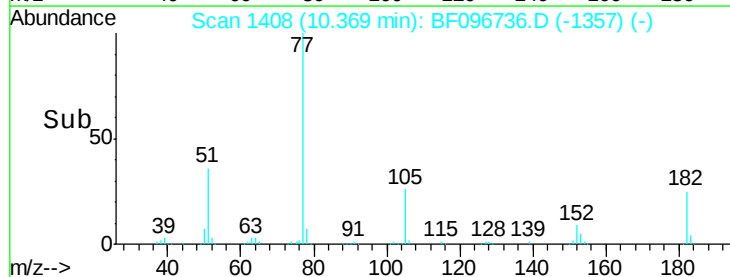
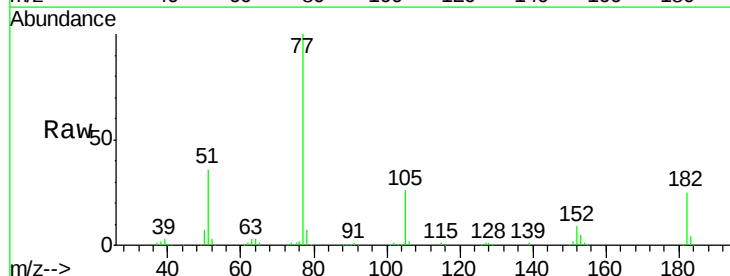
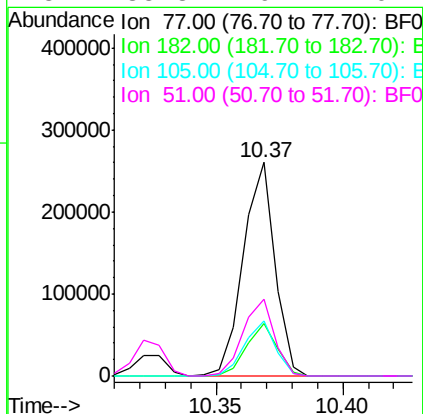
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

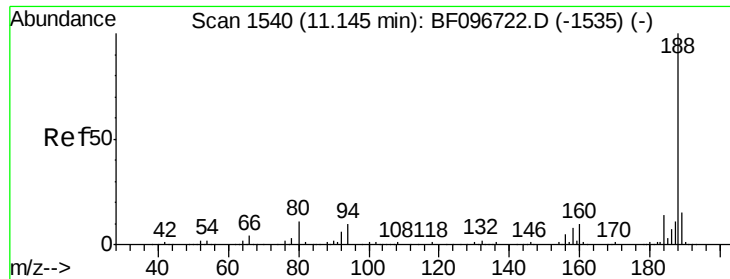
Tgt Ion:138 Resp: 63936
Ion Ratio Lower Upper
138 100
92 44.9 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 19.899 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

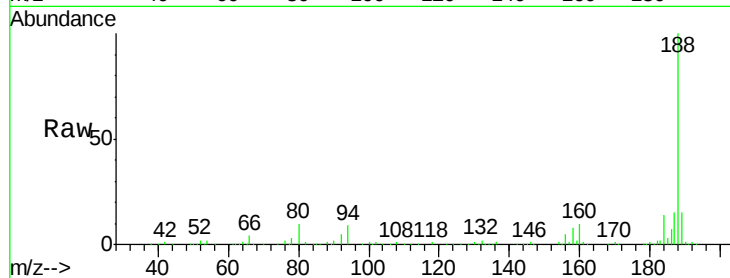




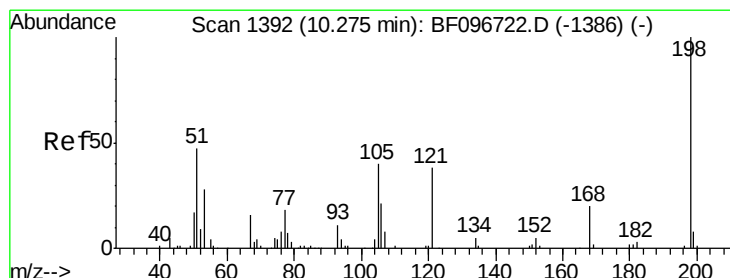
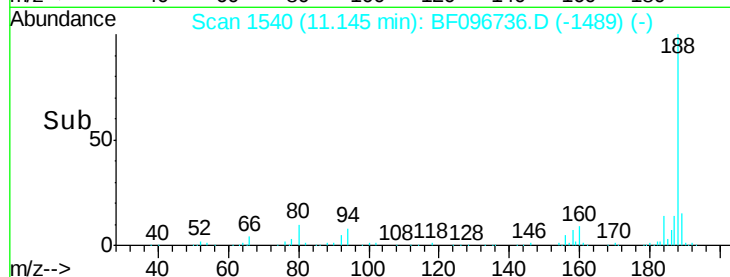
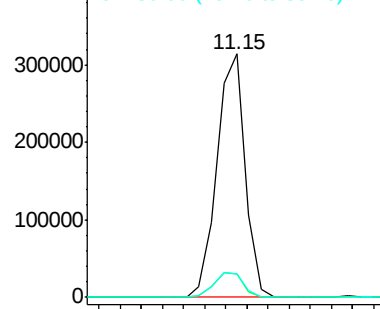
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.15 min Scan# 1540
Delta R.T. -0.00 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:188 Resp: 289863
Ion Ratio Lower Upper
188 100
94 9.5 9.4 14.2
80 9.8 10.2 15.2#

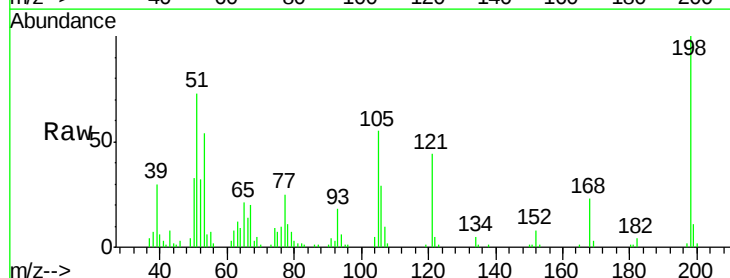


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

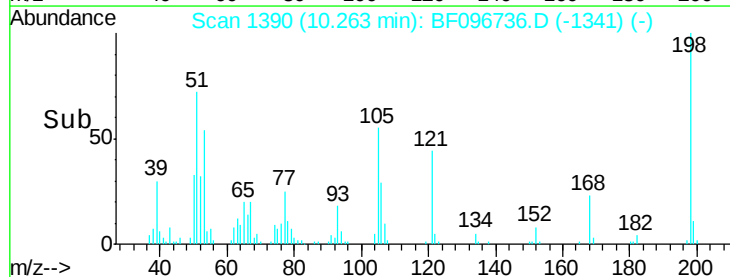
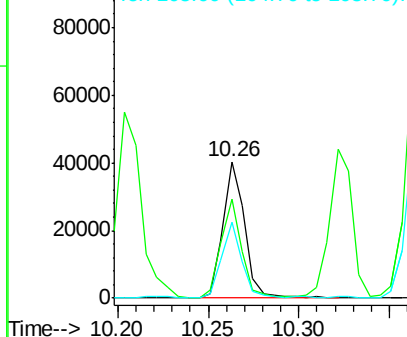


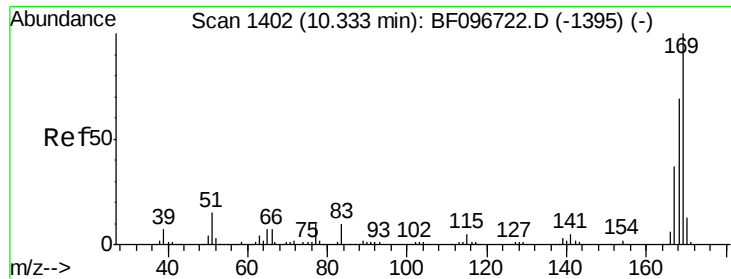
#64
4,6-Dinitro-2-methylphenol
Concen: 18.421 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

Tgt Ion:198 Resp: 33524
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

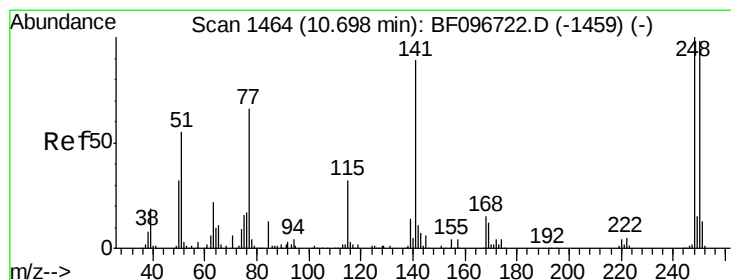
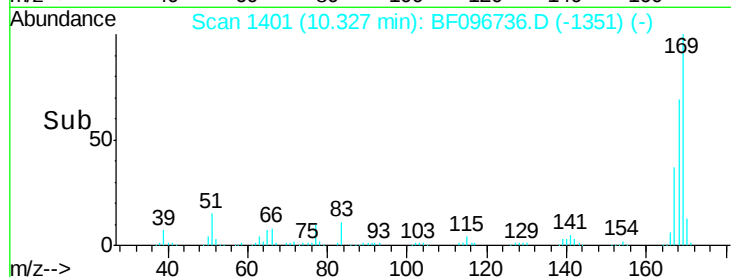
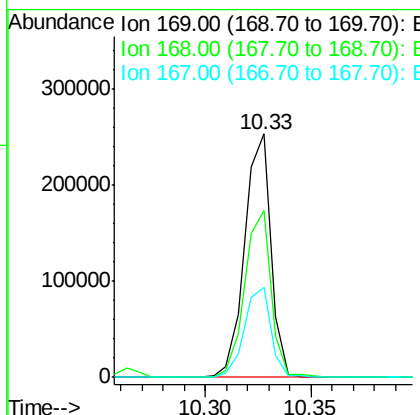
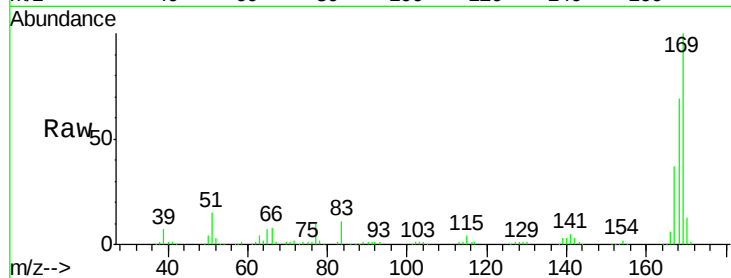




#65
 n-Nitrosodiphenylamine
 Concen: 21.123 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

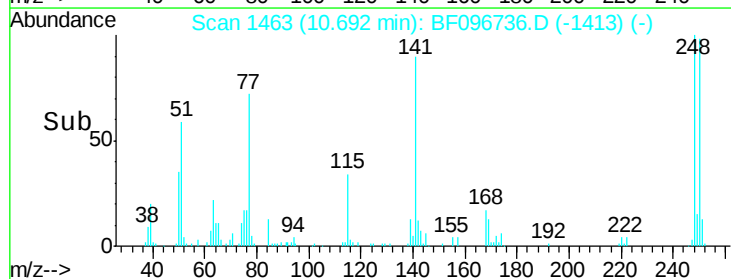
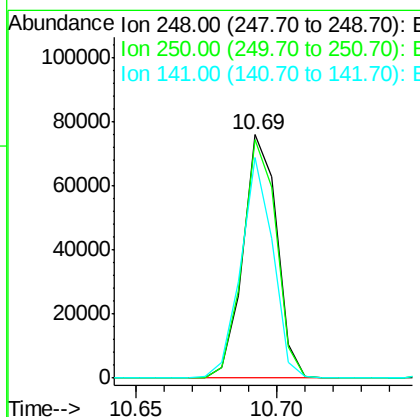
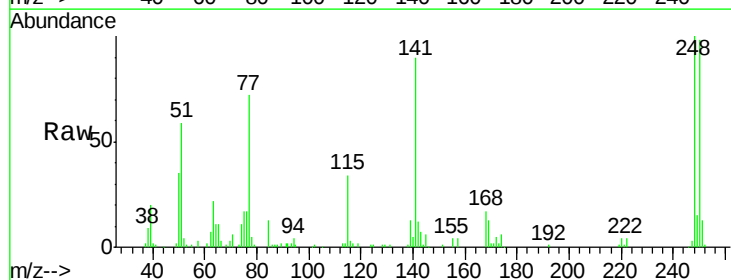
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

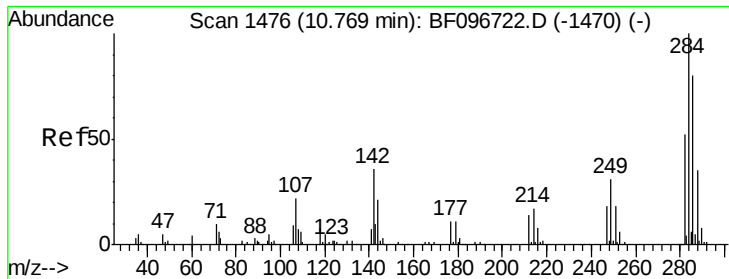
Tgt Ion:169 Resp: 218861
 Ion Ratio Lower Upper
 169 100
 168 68.6 53.2 79.8
 167 37.2 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 21.351 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

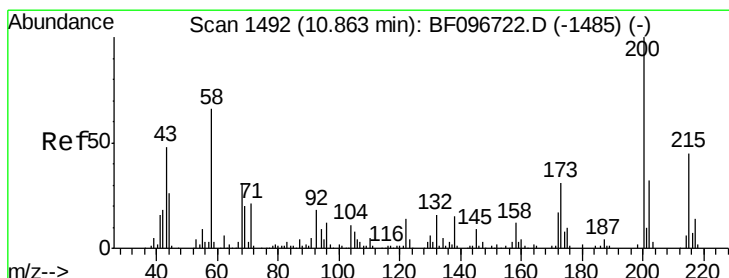
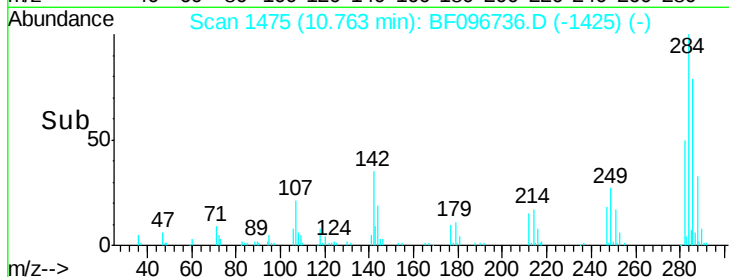
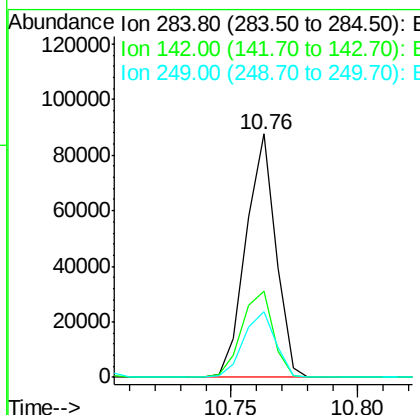
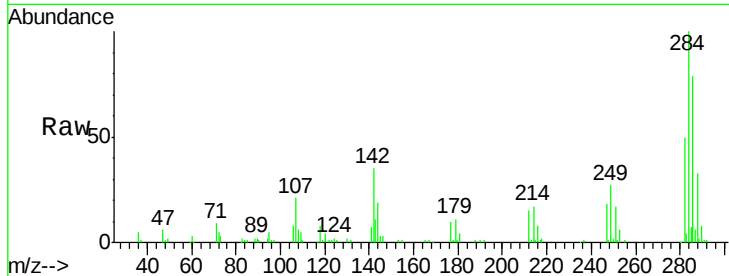




#67
Hexachlorobenzene
Concen: 21.772 ng
RT: 10.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

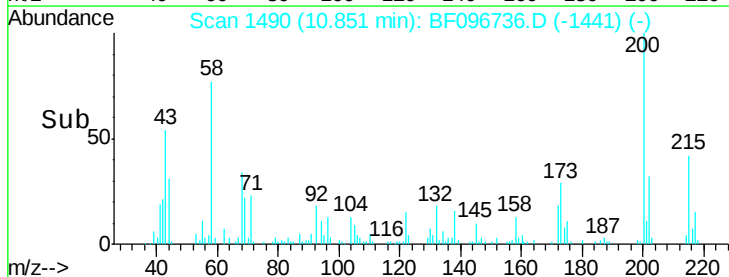
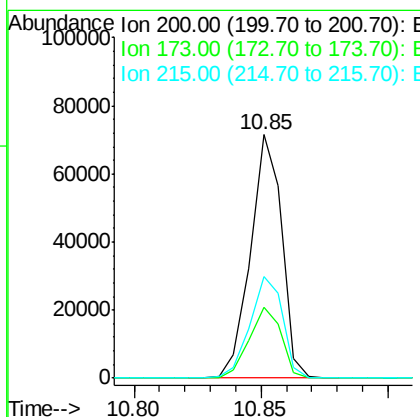
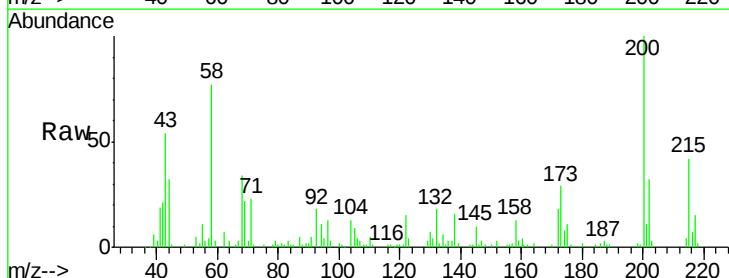
Instrument :
BNA_F
ClientSampleId :
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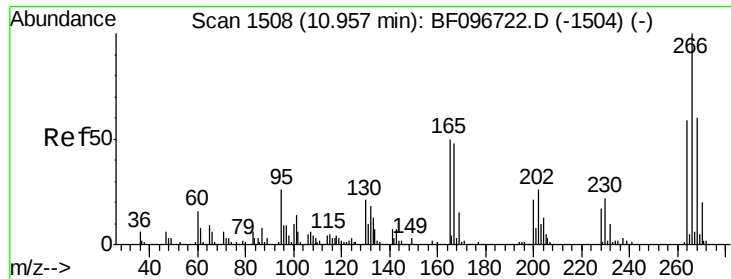
Tgt Ion: 284 Resp: 71763
Ion Ratio Lower Upper
284 100
142 35.5 22.8 34.2#
249 27.2 24.0 36.0



#68
Atrazine
Concen: 20.768 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

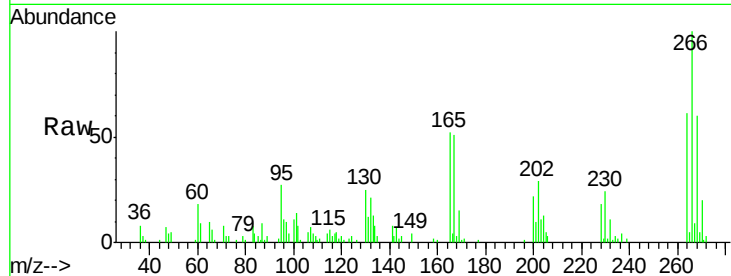




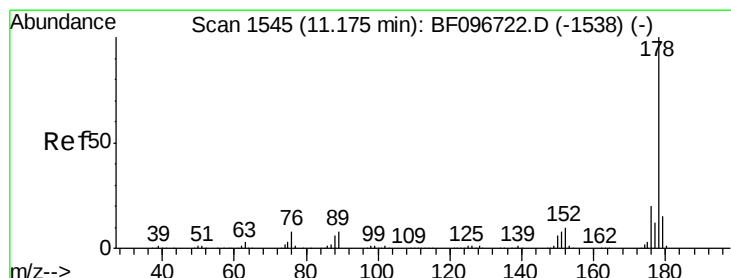
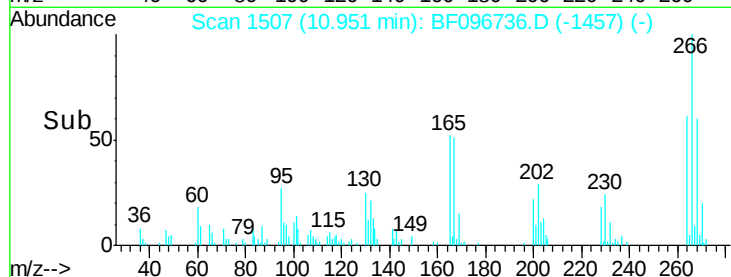
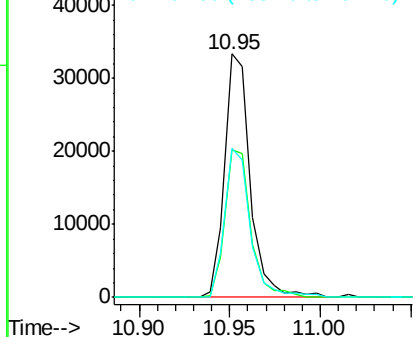
#69
 Pentachlorophenol
 Concen: 20.664 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 266 Resp: 32903
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 61.0 51.7 77.5

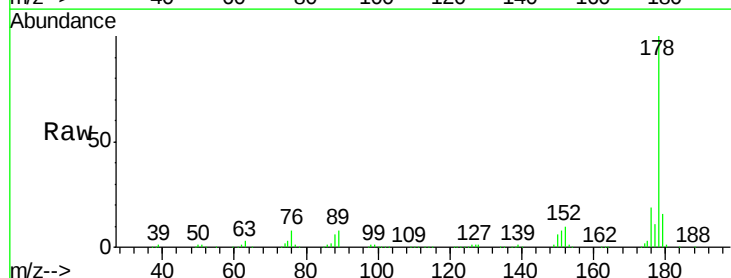


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

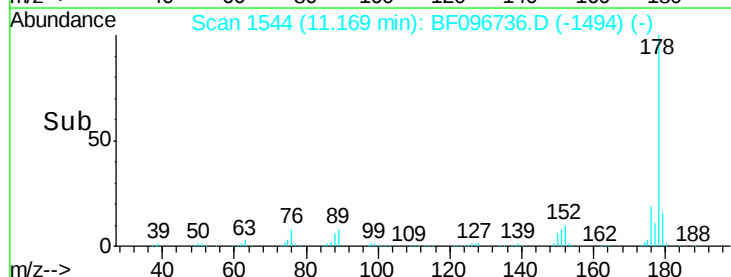
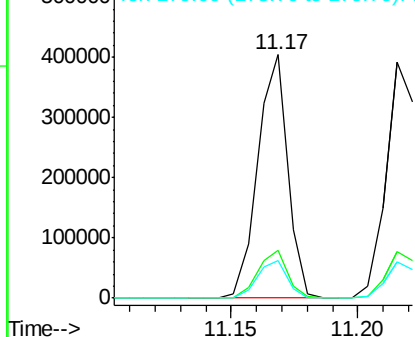


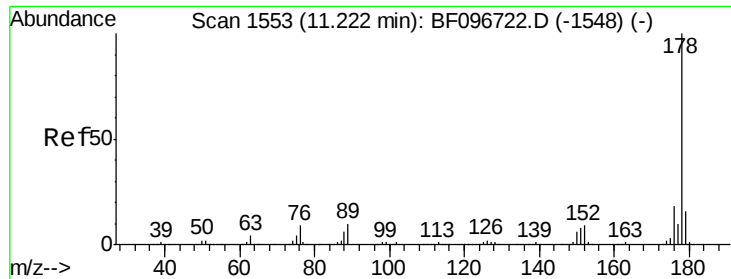
#70
 Phenanthrene
 Concen: 21.246 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

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

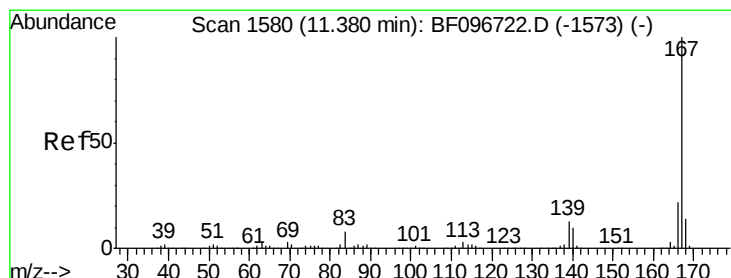
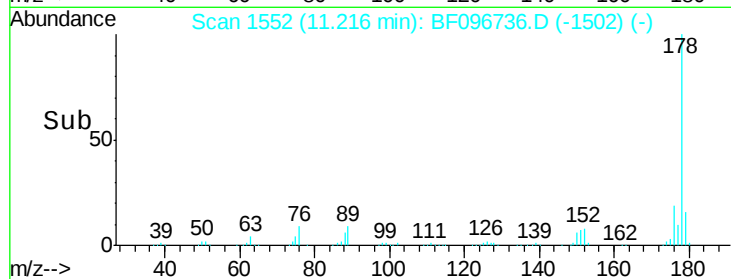
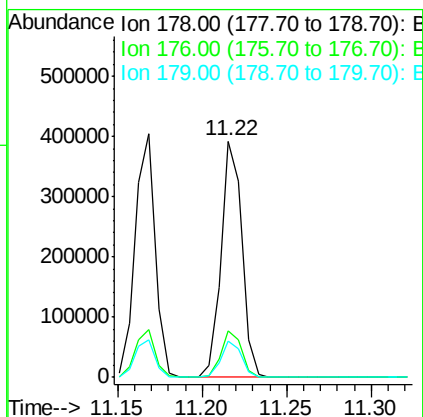
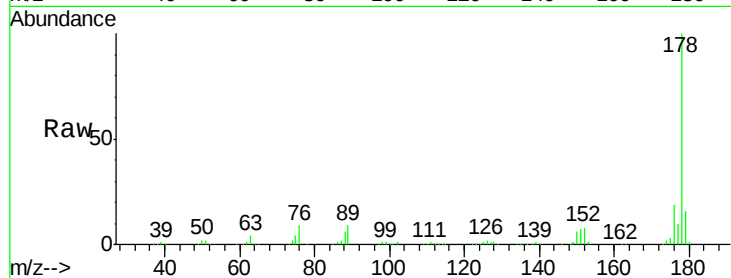




#71
 Anthracene
 Concen: 21.219 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

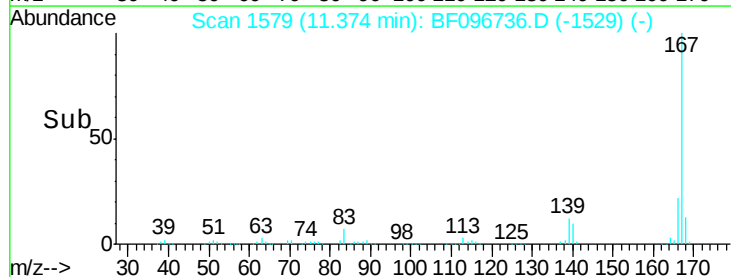
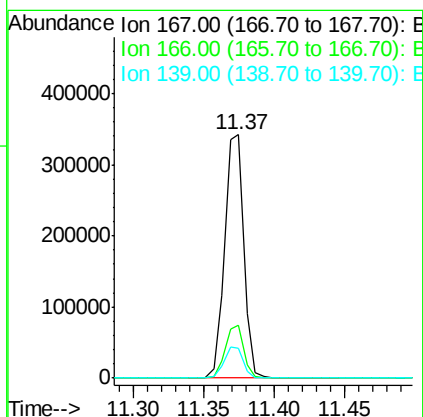
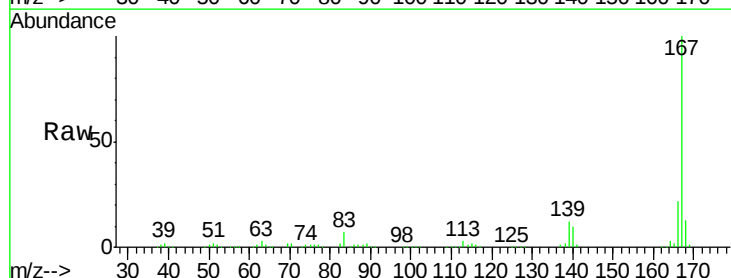
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

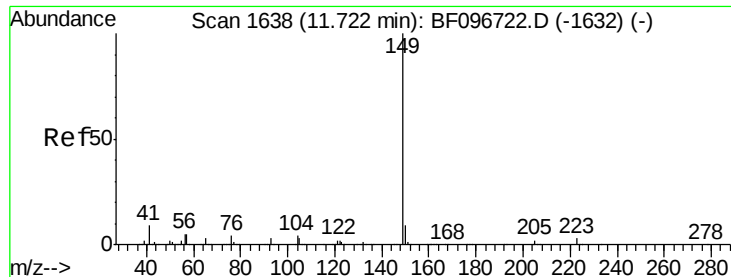
Tgt Ion:178 Resp: 338140
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 20.902 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

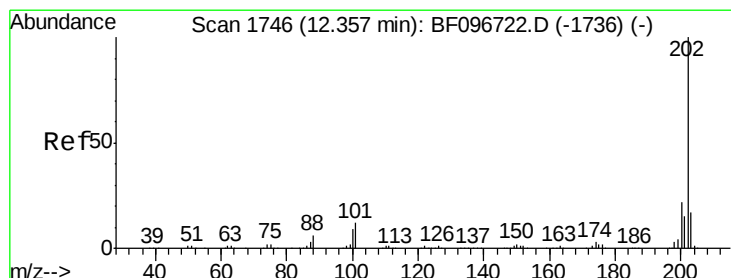
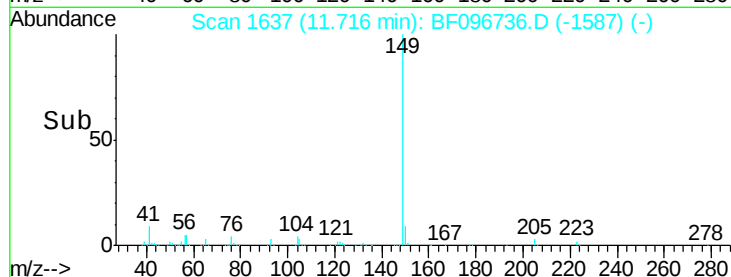
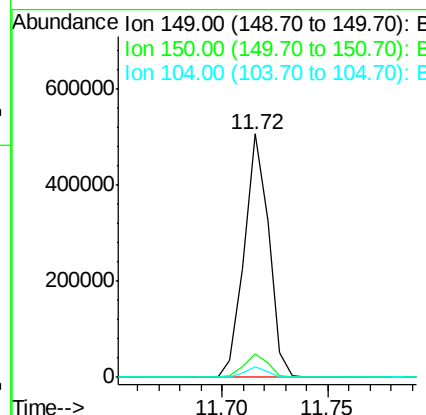
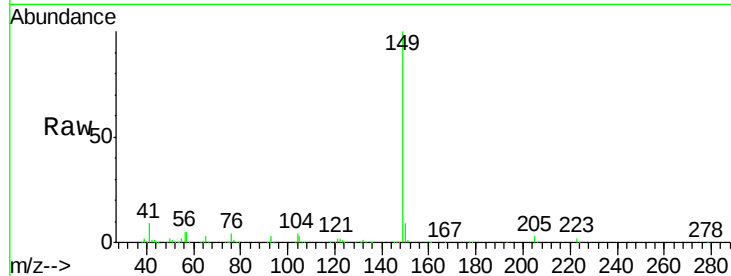




#73
Di-n-butylphthalate
Concen: 21.078 ng
RT: 11.72 min Scan# 1637
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

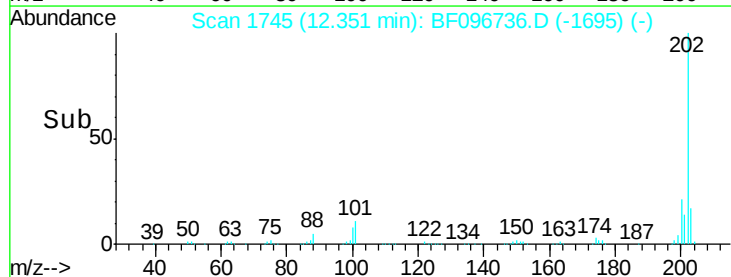
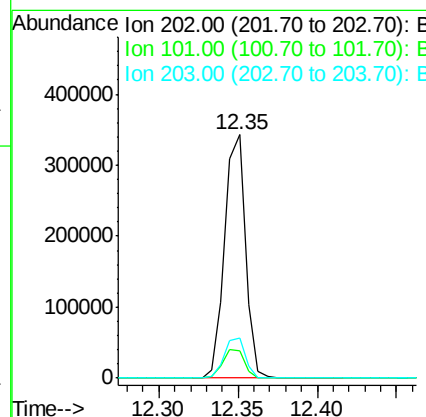
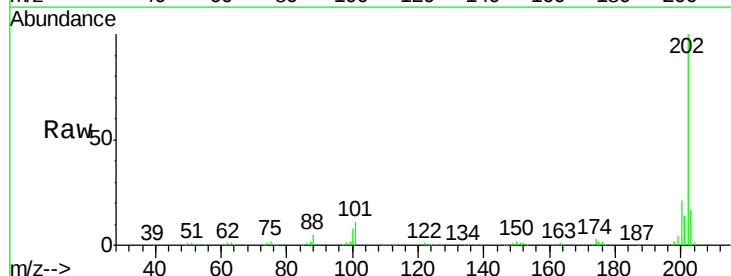
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

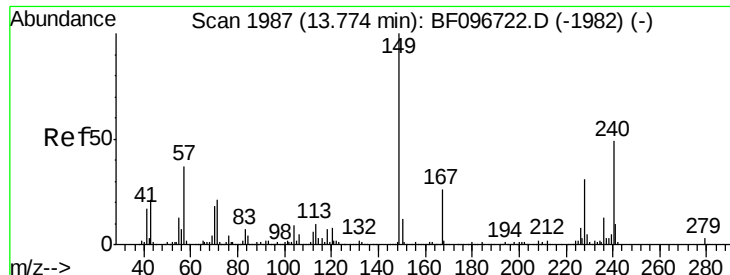
Tgt Ion:149 Resp: 405086
Ion Ratio Lower Upper
149 100
150 9.4 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 20.813 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





#75

Chrysene-d12

Concen: 20.000 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

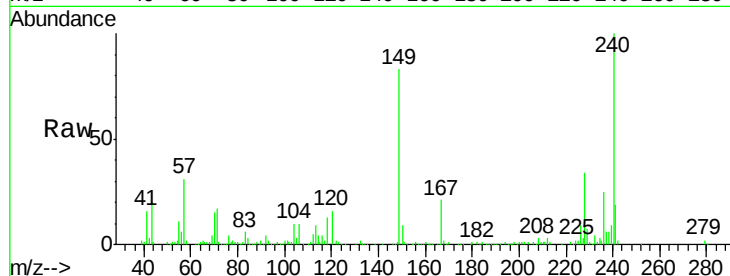
Tgt Ion:240 Resp: 174412

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

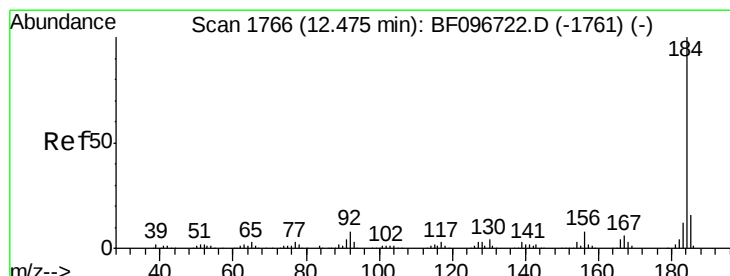
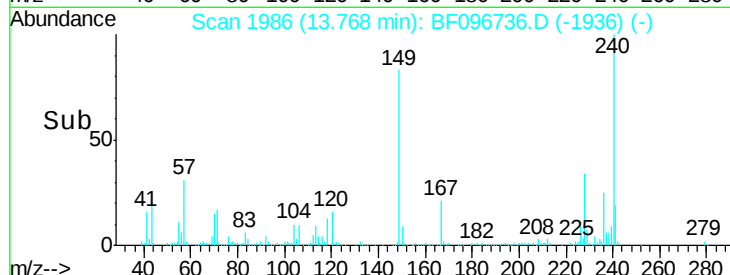
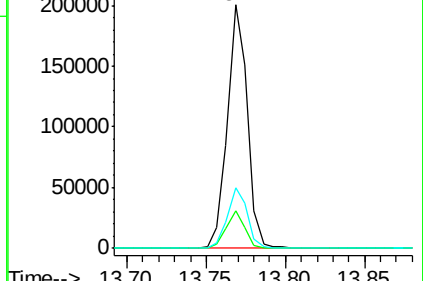
236 24.7 20.5 30.7



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: 15.973 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

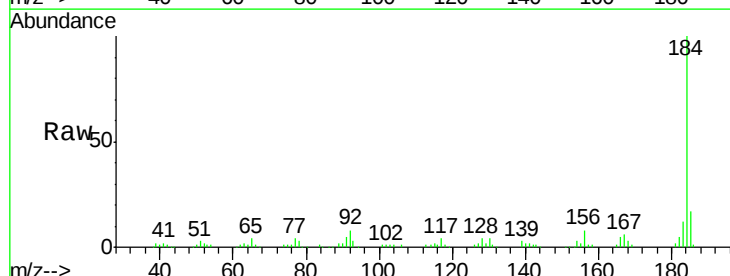
Tgt Ion:184 Resp: 91267

Ion Ratio Lower Upper

184 100

185 17.2 15.5 23.3

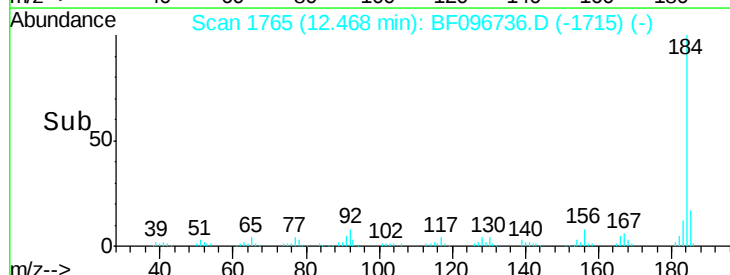
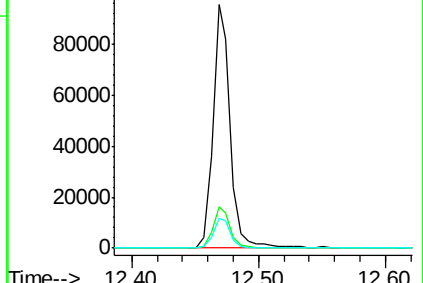
183 12.0 9.8 14.6

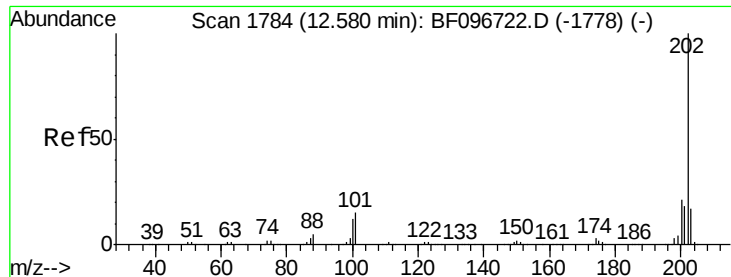


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

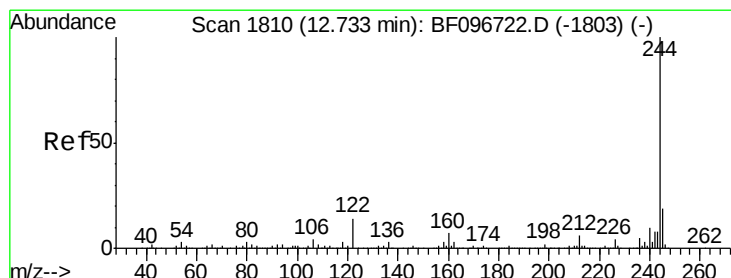
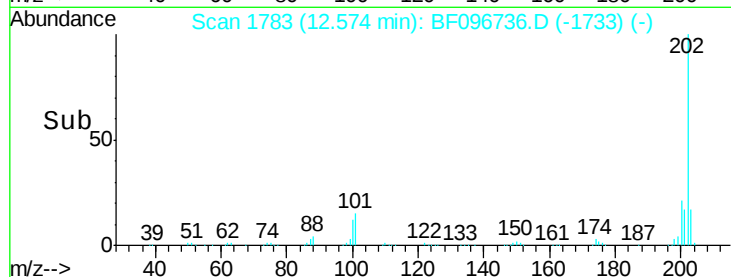
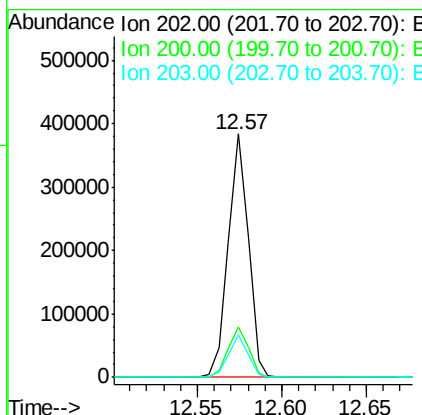
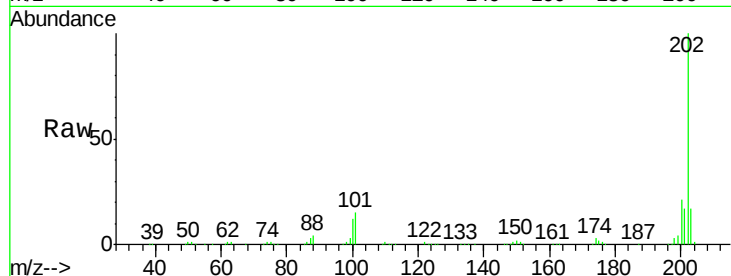




#77
 Pyrene
 Concen: 20.036 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

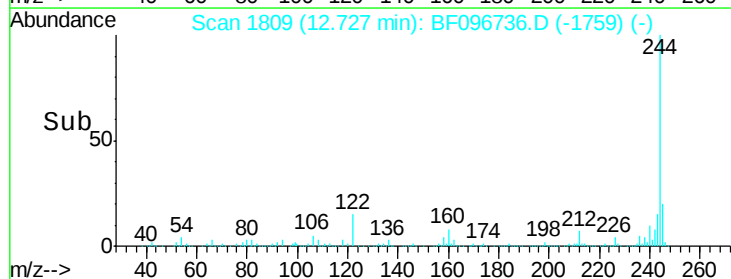
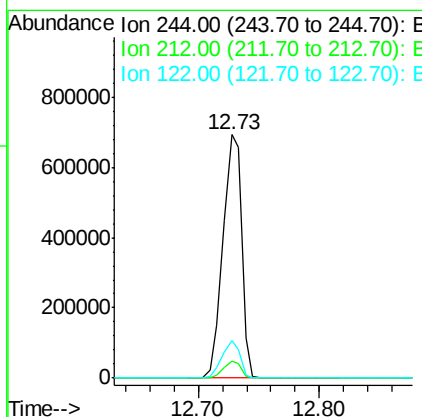
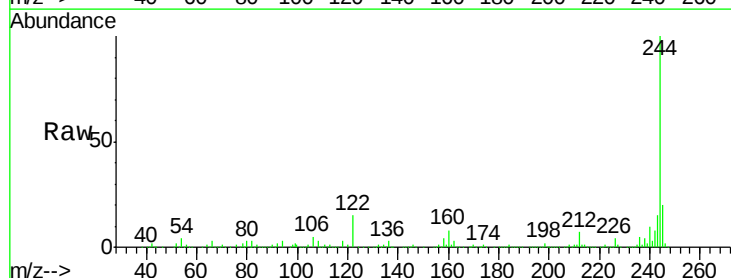
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

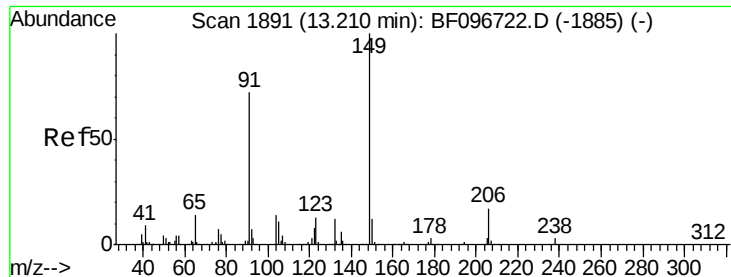
Tgt Ion: 202 Resp: 317139
 Ion Ratio Lower Upper
 202 100
 200 20.6 17.6 26.4
 203 17.4 14.4 21.6



#78
 Terphenyl-d14
 Concen: 73.923 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

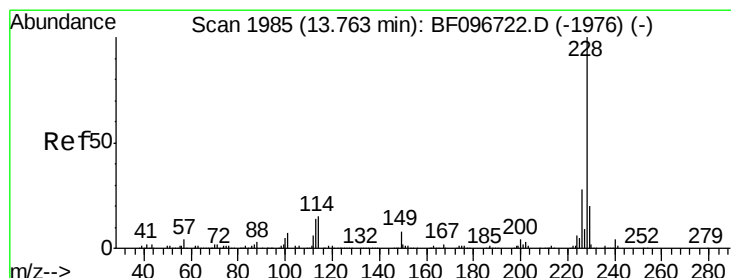
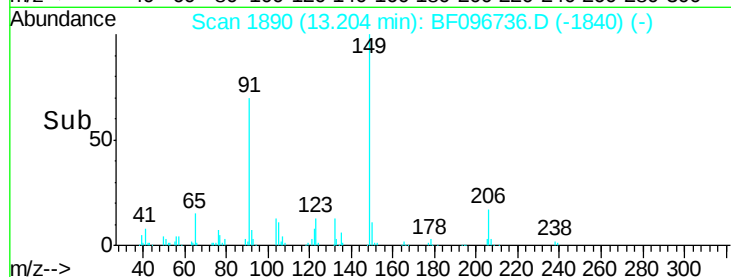
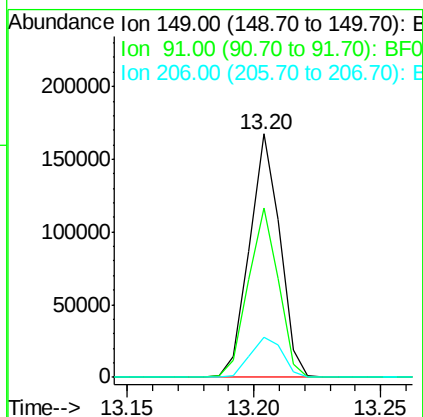
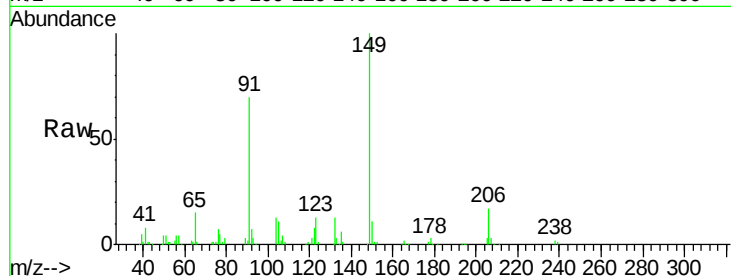




#79
Butylbenzylphthalate
Concen: 37.325 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

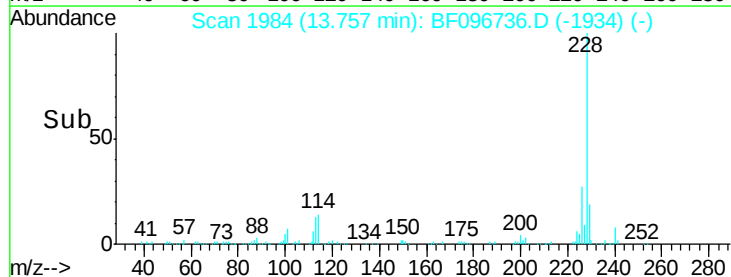
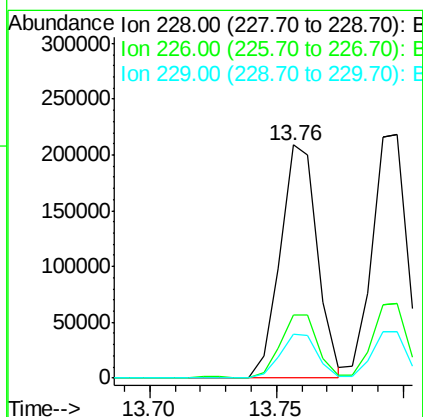
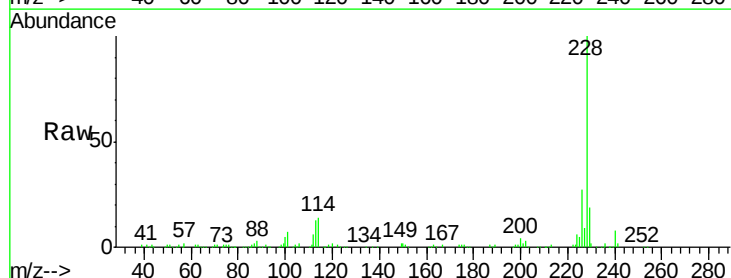
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

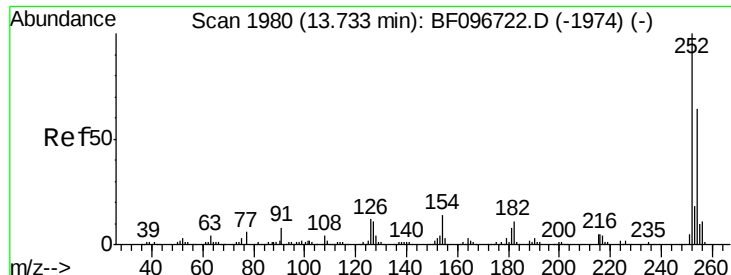
Tgt Ion:149 Resp: 140356
Ion Ratio Lower Upper
149 100
91 69.8 45.0 67.4#
206 16.7 17.0 25.6#



#80
Benzo(a)anthracene
Concen: 19.612 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:228 Resp: 213130
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.1 16.3 24.5

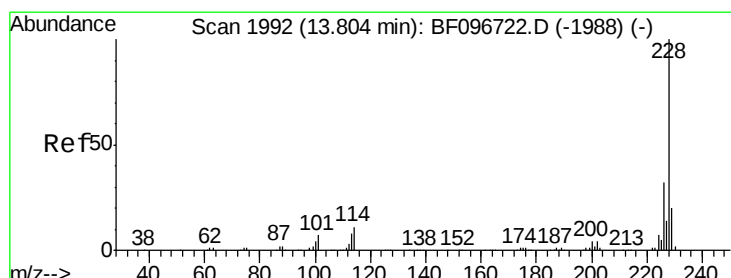
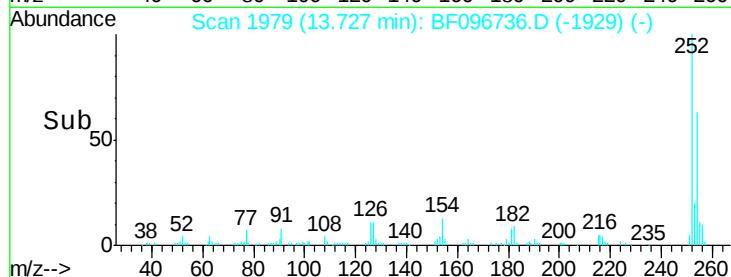
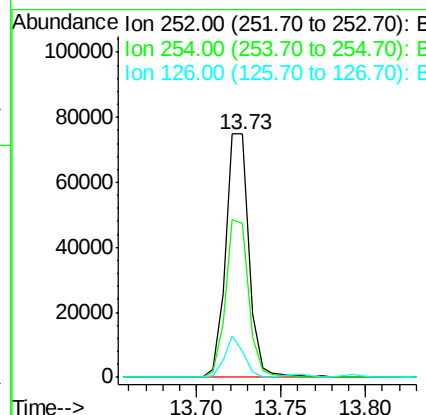
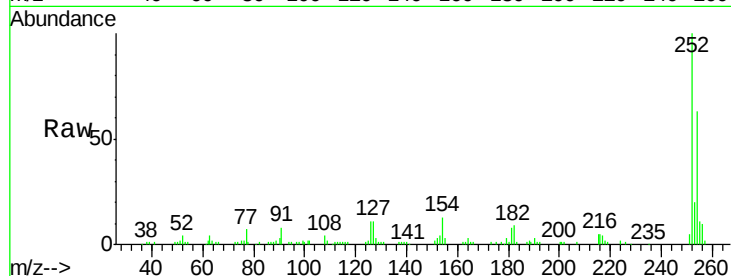




#81
 3,3'-Dichlorobenzidine
 Concen: 18.505 ng
 RT: 13.73 min Scan# 1979
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

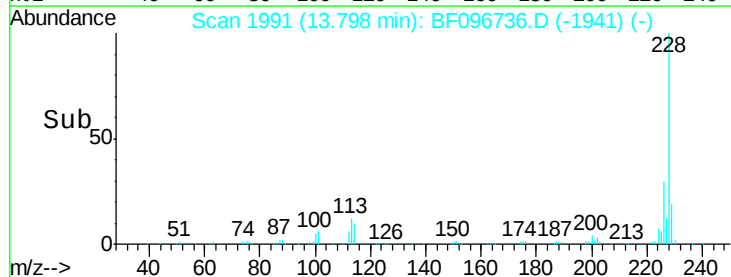
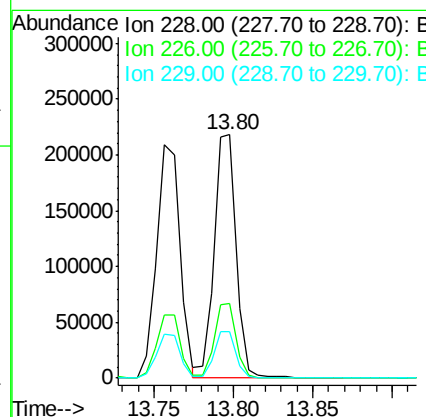
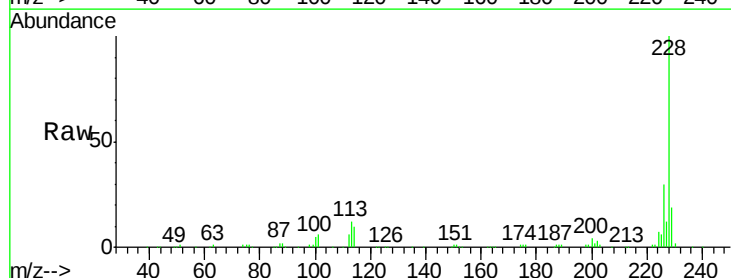
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

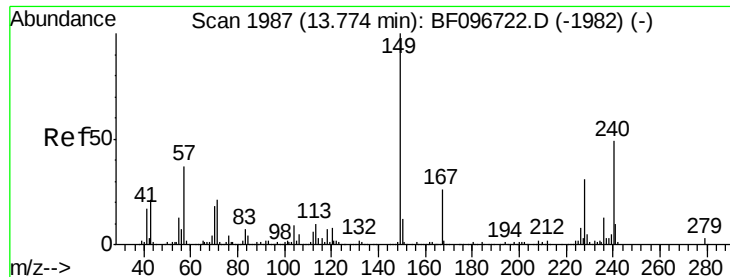
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.0	51.5	77.3
126	10.9	15.8	23.8#



#82
 Chrysene
 Concen: 19.789 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: 18.981 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

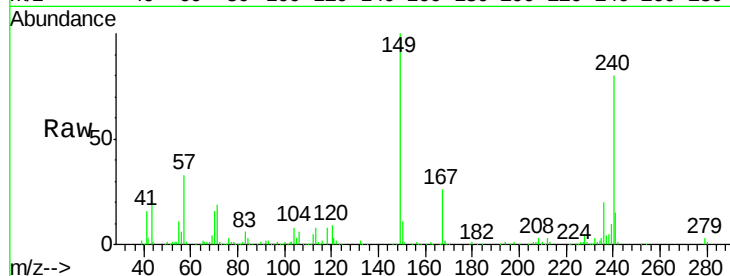
Tgt Ion:149 Resp: 173843

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

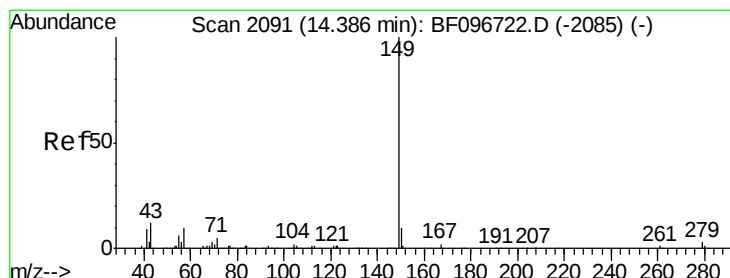
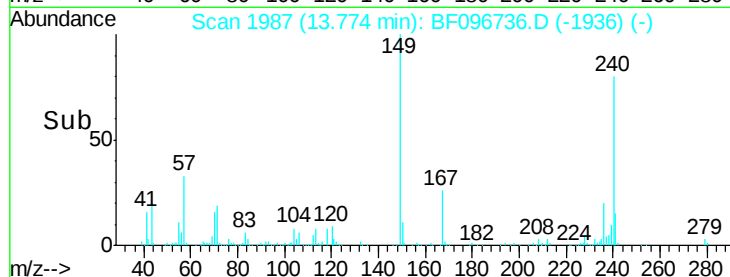
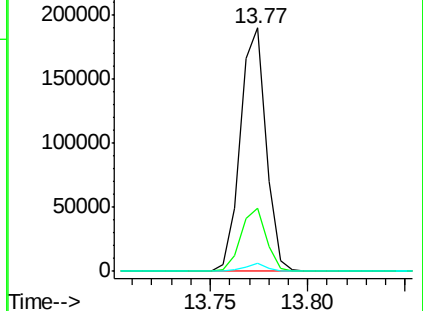
279 3.2 1.9 2.9#



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: 18.069 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

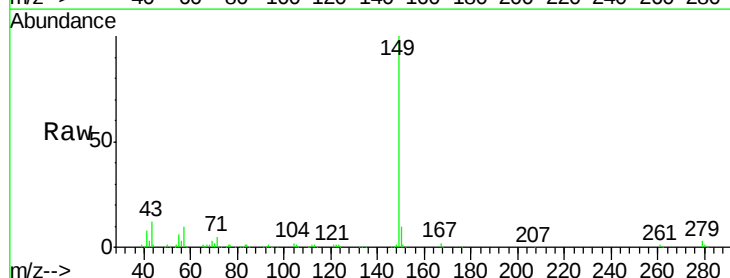
Tgt Ion:149 Resp: 273559

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

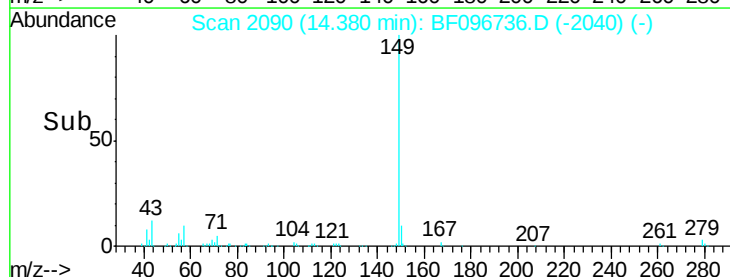
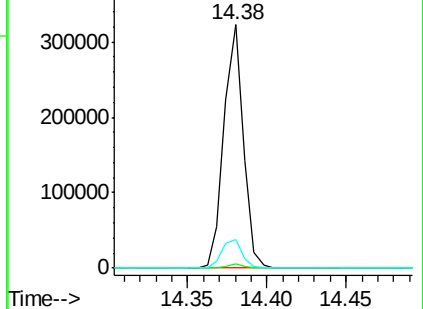
43 12.7 8.5 12.7

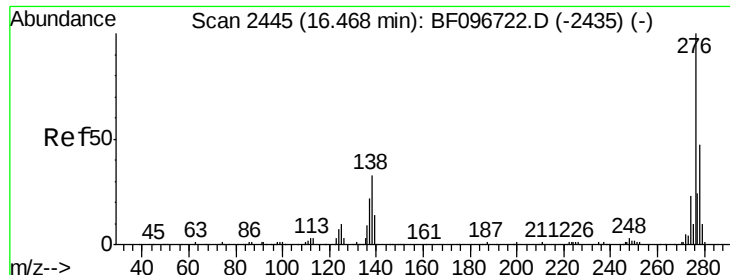


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

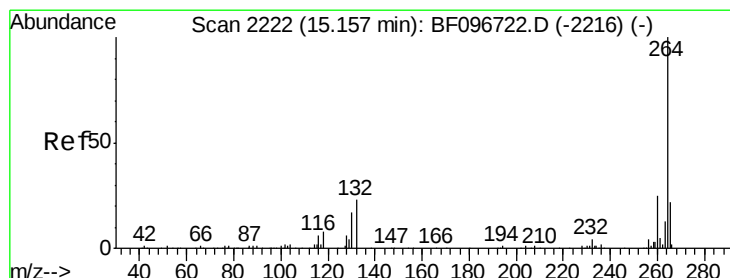
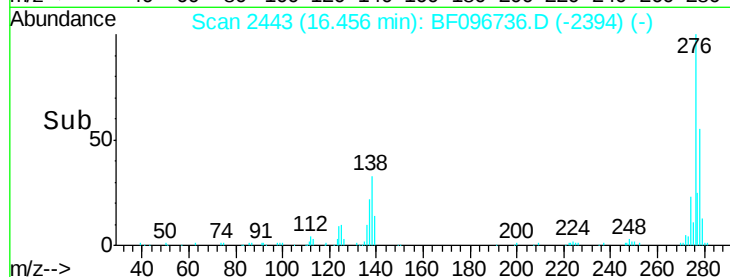
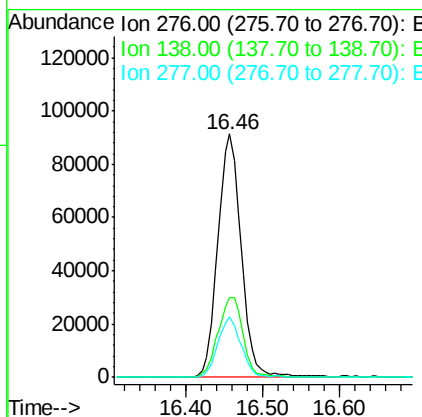
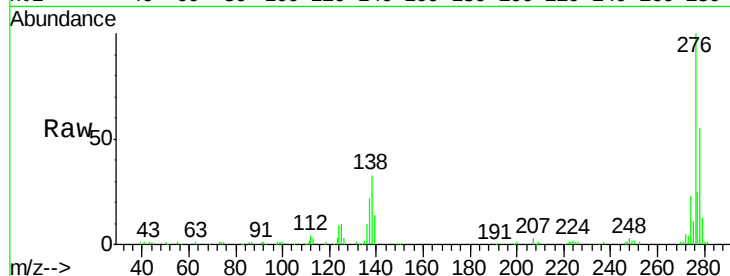




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.531 ng
 RT: 16.46 min Scan# 2443
 Delta R.T. -0.01 min
 Lab File: BF096736.D
 Acq: 13 Jul 2017 19:12

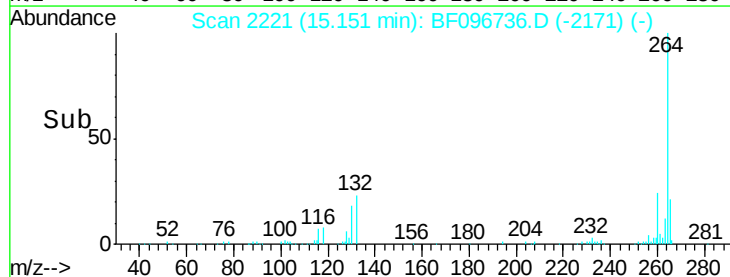
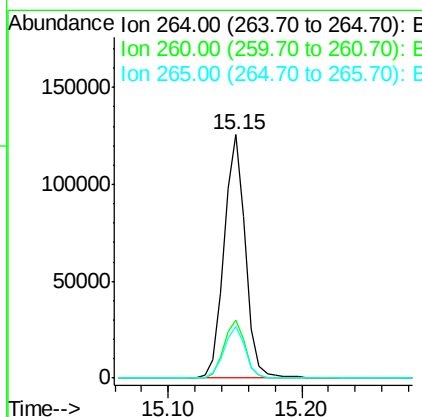
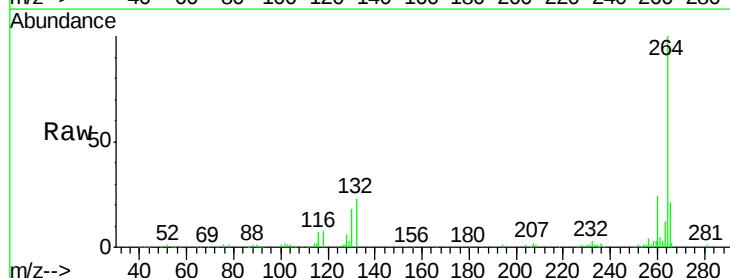
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT3-2017

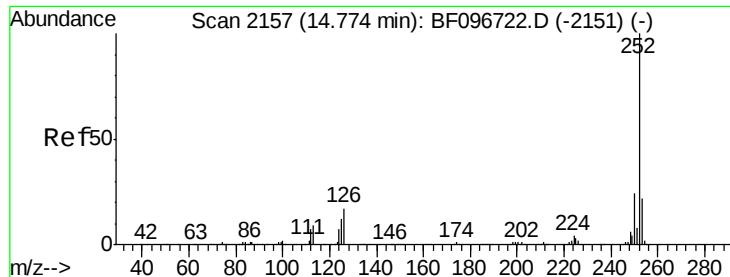
Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.2	27.8	41.6
277	24.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 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	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	21.5	17.2	25.8

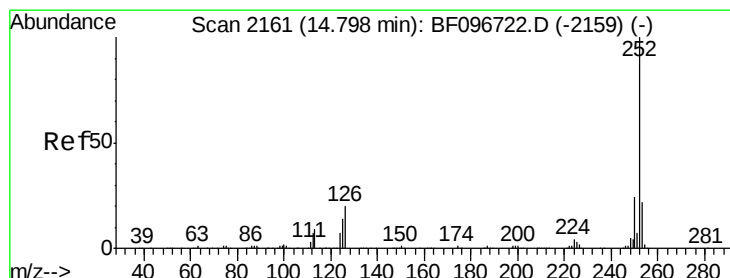
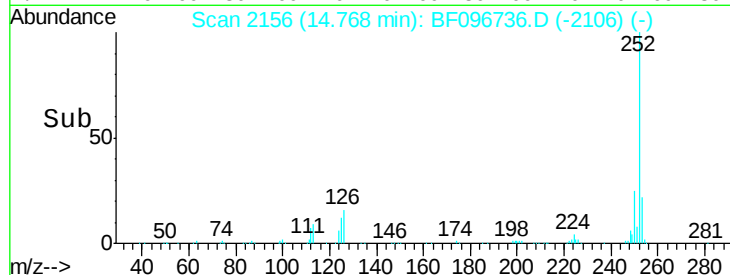
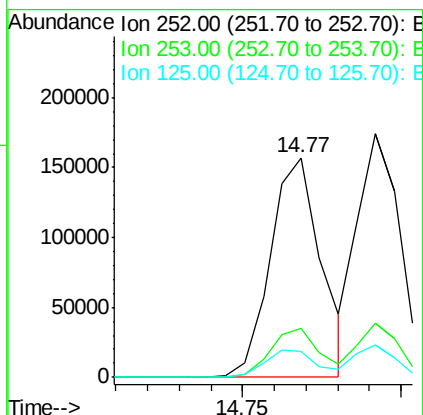
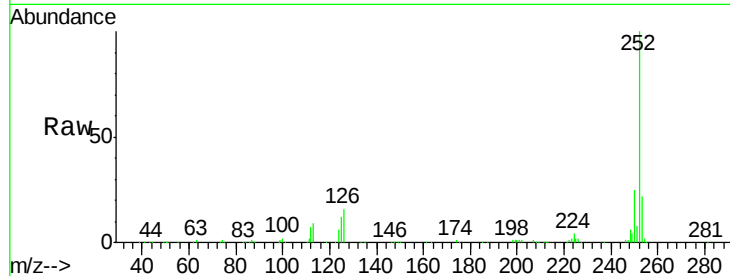




#87
Benzo(b)fluoranthene
Concen: 20.480 ng
RT: 14.77 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF096736.D
Acq: 13 Jul 2017 19:12

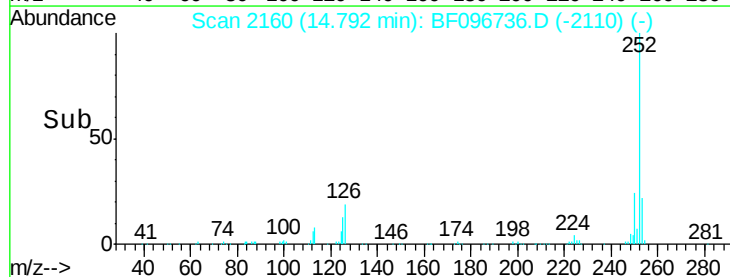
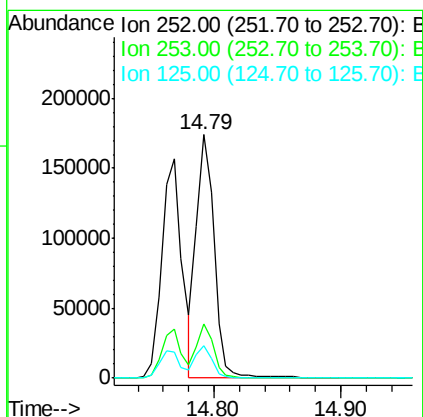
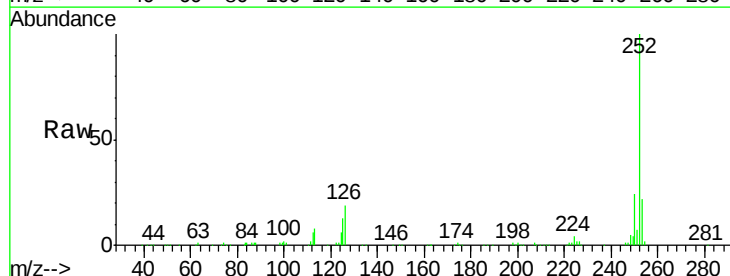
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT3-2017

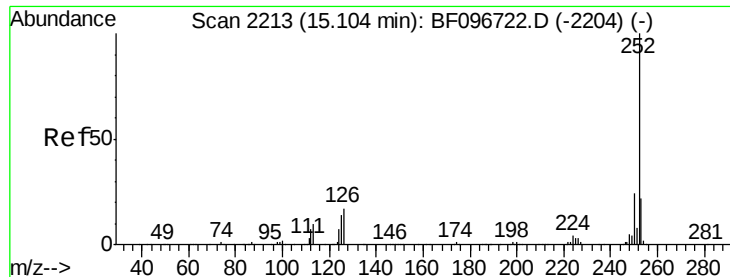
Tgt Ion:252 Resp: 174872
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 11.7 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 20.916 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





#89

Benzo(a)pyrene

Concen: 20.334 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

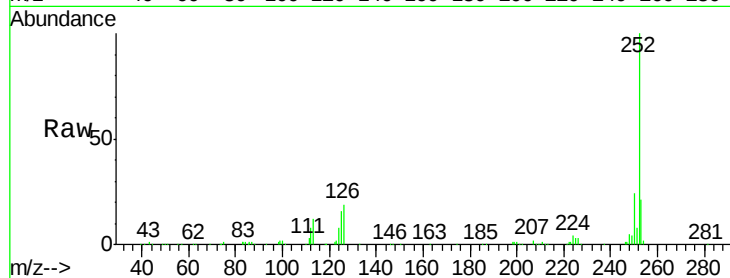
Tgt Ion:252 Resp: 159242

Ion Ratio Lower Upper

252 100

253 21.0 17.5 26.3

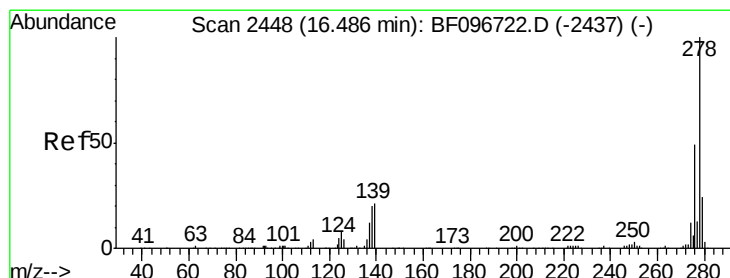
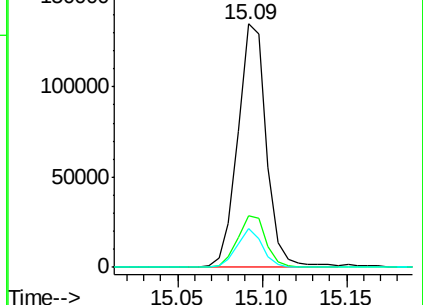
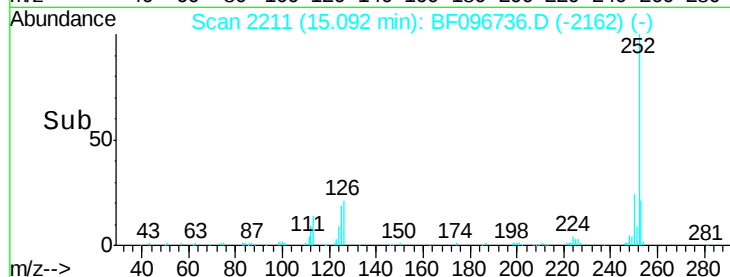
125 15.9 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 21.738 ng

RT: 16.47 min Scan# 2445

Delta R.T. -0.02 min

Lab File: BF096736.D

Acq: 13 Jul 2017 19:12

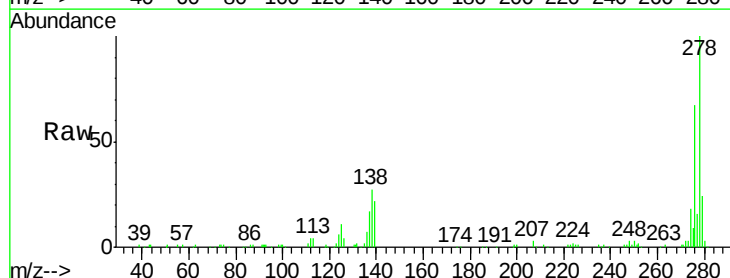
Tgt Ion:278 Resp: 156648

Ion Ratio Lower Upper

278 100

139 22.5 16.6 24.8

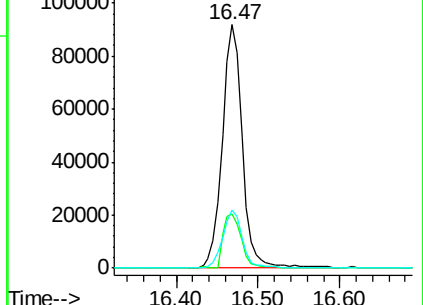
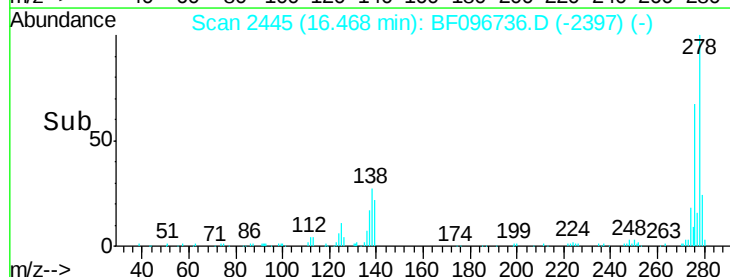
279 23.7 19.3 28.9

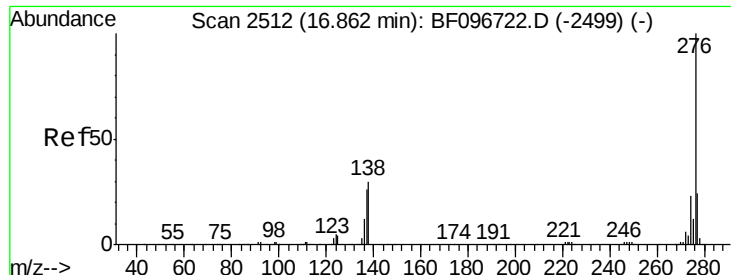


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 21.411 ng

RT: 16.84 min Scan# 2509

Delta R.T. -0.02 min

Lab File: BF096736.D

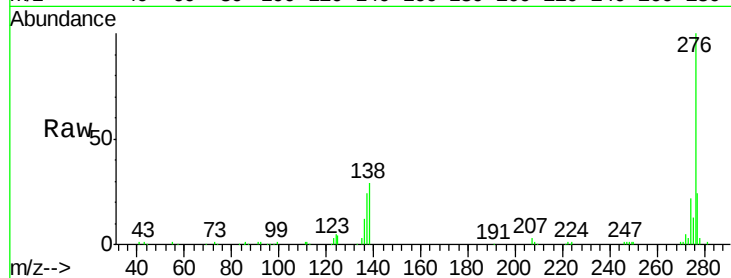
Acq: 13 Jul 2017 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT3-2017



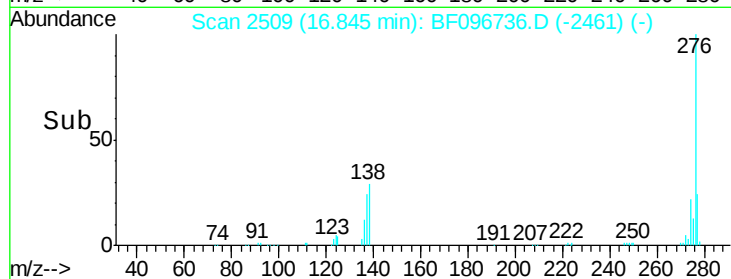
Tgt Ion: 276 Resp: 165222

Ion Ratio Lower Upper

276 100

277 23.6 18.6 28.0

138 28.6 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

