

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
 Data File : BF099032.D
 Acq On : 3 Oct 2017 15:31
 Operator : SJ/JU
 Sample : I5275-06
 Misc : L00 20 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Quant Time: Oct 05 01:07:30 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	116093	20.00	ng	-0.05
21) Naphthalene-d8	8.16	136	486118	20.00	ng	-0.05
38) Acenaphthene-d10	9.91	164	222037	20.00	ng	-0.05
63) Phenanthrene-d10	11.40	188	388357	20.00	ng	-0.05
75) Chrysene-d12	14.03	240	272776	20.00	ng	-0.05
86) Perylene-d12	15.51	264	216749	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1083428	148.56	ng	-0.05
7) Phenol-d6	6.50	99	1317885	146.49	ng	-0.04
23) Nitrobenzene-d5	7.44	82	712406	93.98	ng	-0.05
41) 2,4,6-Tribromophenol	10.70	330	278230	153.14	ng	-0.05
44) 2-Fluorobiphenyl	9.23	172	1267274	95.28	ng	-0.05
78) Terphenyl-d14	12.98	244	1072513	89.42	ng	-0.05

Target Compounds					Qvalue
2) 1,4-Dioxane	2.65	88	71763	20.600 ng	95
3) Pyridine	3.46	79	190836	20.250 ng	97
4) n-Nitrosodimethylamine	3.37	42	75518	18.897 ng	90
6) Aniline	6.54	93	252301	20.779 ng	97
8) 2-Chlorophenol	6.66	128	172199	20.851 ng	99
9) Benzaldehyde	6.43	77	78868	15.113 ng	95
10) Phenol	6.52	94	208364	20.709 ng	95
11) bis(2-Chloroethyl)ether	6.61	93	166928	21.341 ng	99
12) 1,3-Dichlorobenzene	6.82	146	185634	21.463 ng	98
13) 1,4-Dichlorobenzene	6.89	146	192668	21.894 ng	98
14) 1,2-Dichlorobenzene	7.05	146	178655	21.972 ng	98
15) Benzyl Alcohol	7.01	79	139807	21.183 ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	245709	20.162 ng	99
17) 2-Methylphenol	7.12	107	139929	20.707 ng	97
18) Hexachloroethane	7.39	117	65598	20.739 ng	98
19) n-Nitroso-di-n-propylamine	7.28	70	119440	20.795 ng	96
20) 3+4-Methylphenols	7.27	107	184473	21.579 ng	97
22) Acetophenone	7.28	105	249584	21.191 ng	# 96
24) Nitrobenzene	7.46	77	182326	21.204 ng	95
25) Isophorone	7.69	82	320711	20.464 ng	98
26) 2-Nitrophenol	7.77	139	92997	22.491 ng	94
27) 2,4-Dimethylphenol	7.80	122	158378	20.282 ng	96
28) bis(2-Chloroethoxy)methane	7.90	93	208575	21.356 ng	100
29) 2,4-Dichlorophenol	8.01	162	145077	21.639 ng	96
30) 1,2,4-Trichlorobenzene	8.09	180	145111	21.640 ng	97
31) Naphthalene	8.17	128	502628	22.015 ng	99
32) Benzoic acid	7.90	122	90865	14.166 ng	97
33) 4-Chloroaniline	8.22	127	204789	21.479 ng	98
34) Hexachlorobutadiene	8.29	225	74236	21.494 ng	98
35) Caprolactam	8.57	113	43755	20.345 ng	98
36) 4-Chloro-3-methylphenol	8.70	107	156802	20.808 ng	93
37) 2-Methylnaphthalene	8.87	142	323292	21.782 ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	148708	22.457 ng	99
40) Hexachlorocyclopentadiene	9.02	237	36309	11.998 ng	98

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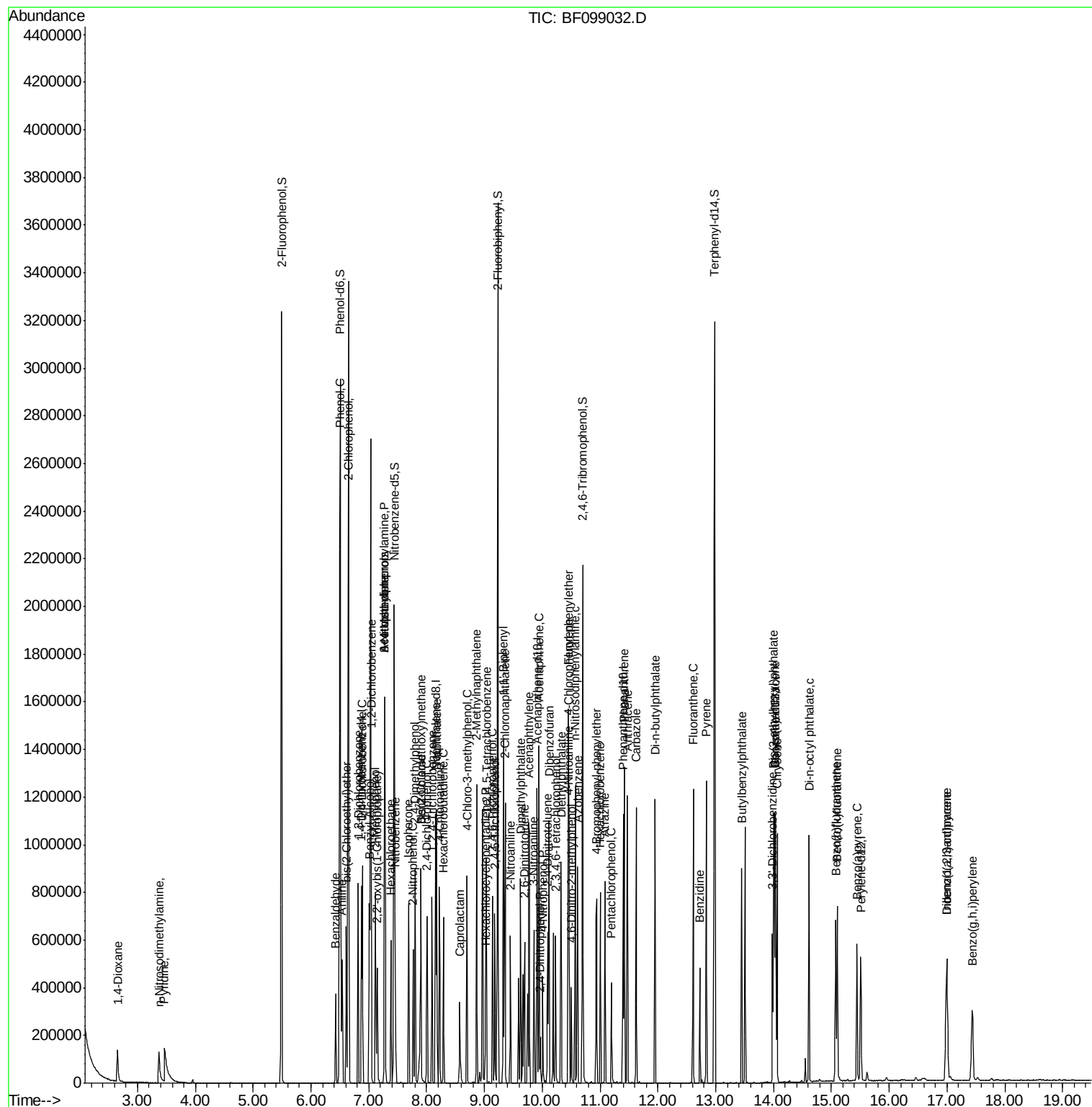
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	96730	20.620	ng	99
43) 2,4,5-Trichlorophenol	9.18	196	99770	21.305	ng	95
45) 1,1'-Biphenyl	9.33	154	427060	22.379	ng	99
46) 2-Chloronaphthalene	9.36	162	312757	21.829	ng	97
47) 2-Nitroaniline	9.45	65	93257	21.257	ng	95
48) Acenaphthylene	9.77	152	485496	22.135	ng	99
49) Dimethylphthalate	9.63	163	362547	21.634	ng	99
50) 2,6-Dinitrotoluene	9.69	165	79751	21.859	ng	88
51) Acenaphthene	9.95	154	301022	21.666	ng	99
52) 3-Nitroaniline	9.86	138	91478	21.504	ng	98
53) 2,4-Dinitrophenol	9.97	184	24005	17.545	ng	89
54) Dibenzofuran	10.12	168	410136	22.171	ng	98
55) 4-Nitrophenol	10.01	139	67297	18.709	ng	96
56) 2,4-Dinitrotoluene	10.09	165	105622	22.307	ng	98
57) Fluorene	10.46	166	339379	22.825	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	67138	20.754	ng	99
59) Diethylphthalate	10.33	149	355762	21.726	ng	97
60) 4-Chlorophenyl-phenylether	10.45	204	149611	22.400	ng	99
61) 4-Nitroaniline	10.47	138	87928	21.424	ng	94
62) Azobenzene	10.61	77	317310	21.075	ng	96
64) 4,6-Dinitro-2-methylphenol	10.50	198	45237	19.145	ng	85
65) n-Nitrosodiphenylamine	10.57	169	296933	22.070	ng	99
66) 4-Bromophenyl-phenylether	10.94	248	84734	22.290	ng	92
67) Hexachlorobenzene	11.00	284	90514	22.294	ng	99
68) Atrazine	11.09	200	85050	21.011	ng	98
69) Pentachlorophenol	11.20	266	40801	16.147	ng	98
70) Phenanthrene	11.42	178	464795	22.359	ng	98
71) Anthracene	11.47	178	471684	22.176	ng	98
72) Carbazole	11.63	167	448136	21.515	ng	99
73) Di-n-butylphthalate	11.95	149	548360	21.872	ng	99
74) Fluoranthene	12.61	202	453255	21.532	ng	98
76) Benzidine	12.73	184	167836	16.635	ng	98
77) Pyrene	12.84	202	465954	22.401	ng	99
79) Butylbenzylphthalate	13.45	149	212519	21.740	ng	92
80) Benzo(a)anthracene	14.02	228	352287	21.328	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	117228	19.360	ng	99
82) Chrysene	14.06	228	331677	21.092	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	295453	21.950	ng	# 99
84) Di-n-octyl phthalate	14.62	149	459872	21.217	ng	97
85) Indeno(1,2,3-cd)pyrene	16.99	276	273026	21.705	ng	96
87) Benzo(b)fluoranthene	15.07	252	300059	22.516	ng	98
88) Benzo(k)fluoranthene	15.10	252	266911	20.278	ng	99
89) Benzo(a)pyrene	15.44	252	259039	21.176	ng	98
90) Dibenzo(a,h)anthracene	17.00	278	227403	23.228	ng	98
91) Benzo(g,h,i)perylene	17.44	276	226033	23.357	ng	97

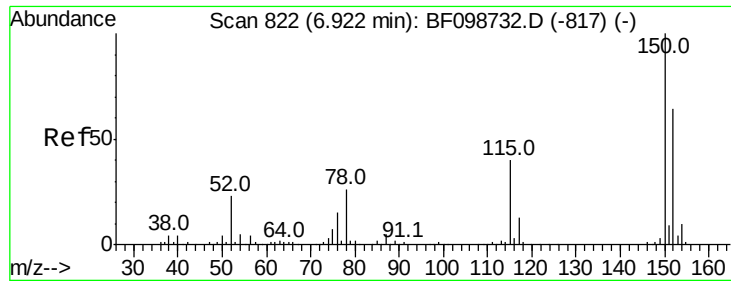
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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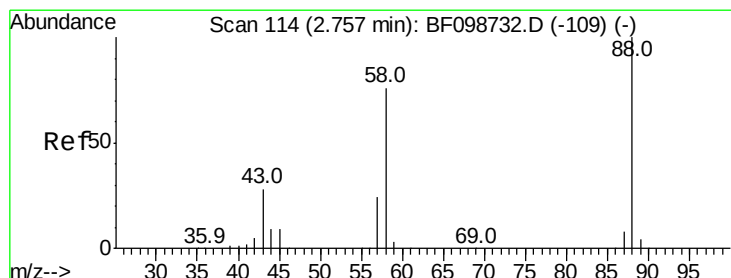
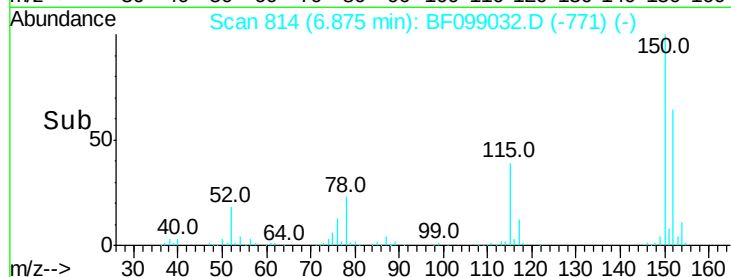
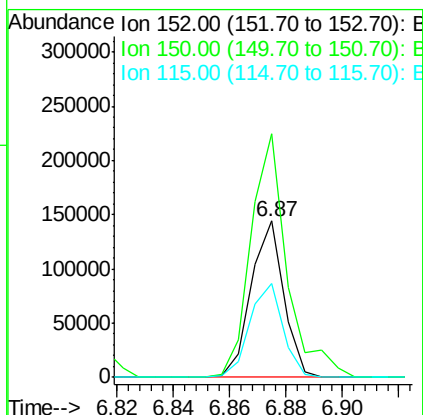
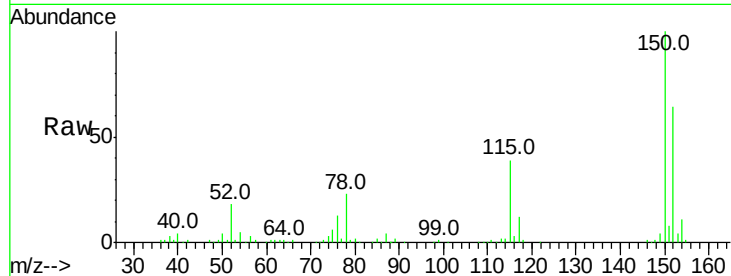


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

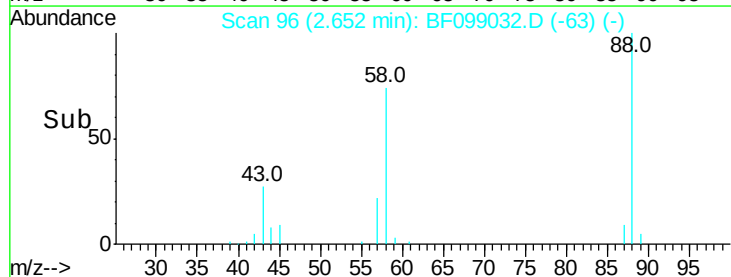
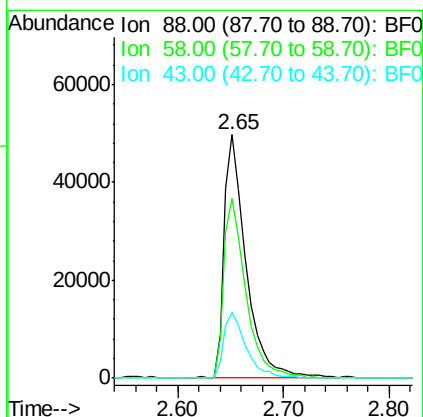
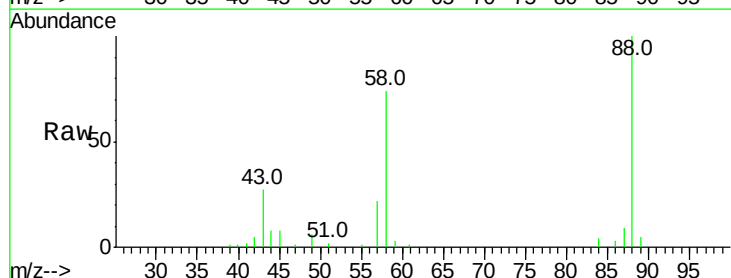
Tot Ion:152 Resp: 116093
Ion Ratio Lower Upper
152 100
150 155.6 124.6 186.8
115 59.9 50.1 75.1

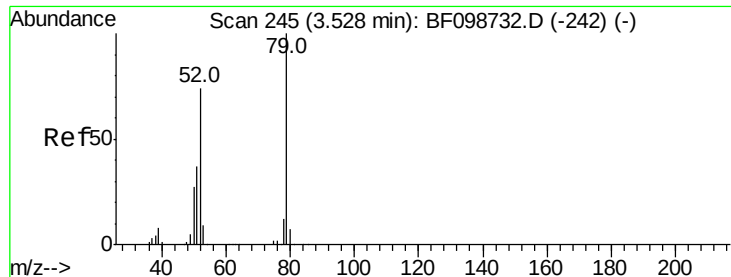


#2

1,4-Dioxane
Concen: 20.600 ng
RT: 2.65 min Scan# 96
Delta R.T. -0.11 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion: 88 Resp: 71763
Ion Ratio Lower Upper
88 100
58 74.1 62.6 93.8
43 27.8 24.6 37.0





#3

Pvridine

Concen: 20.250 ng

RT: 3.46 min Scan# 234

Delta R.T. -0.06 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

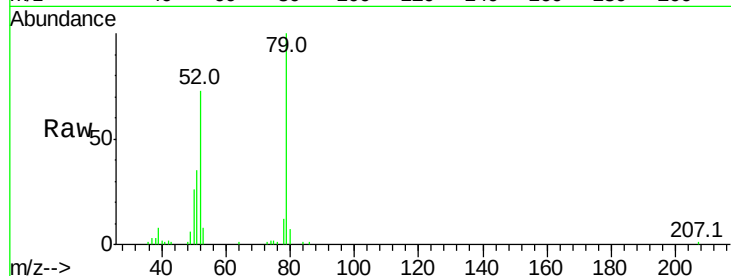
Tot Ion: 79 Resp: 190836

Ion Ratio Lower Upper

79 100

52 72.7 59.8 89.6

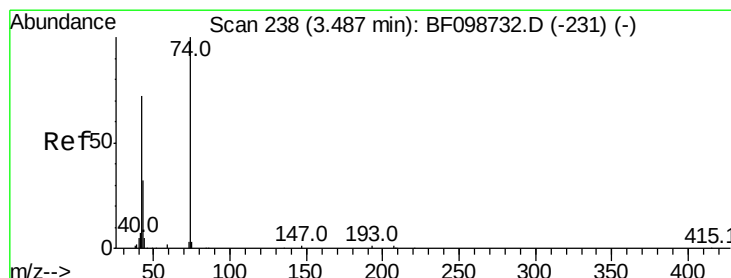
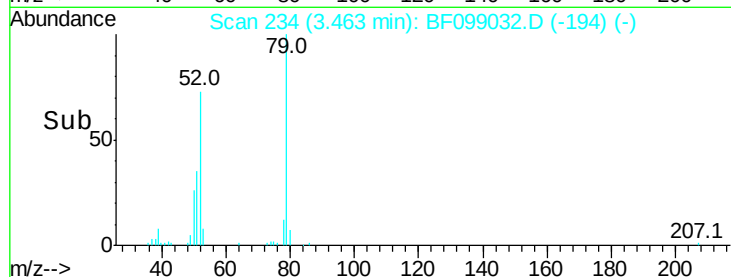
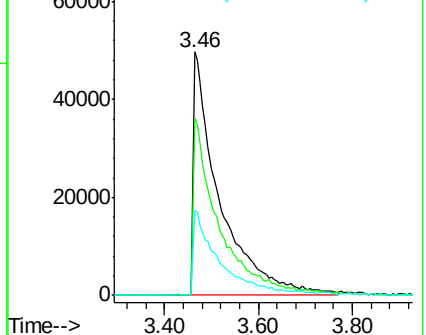
51 34.6 29.8 44.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 18.897 ng

RT: 3.37 min Scan# 218

Delta R.T. -0.12 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

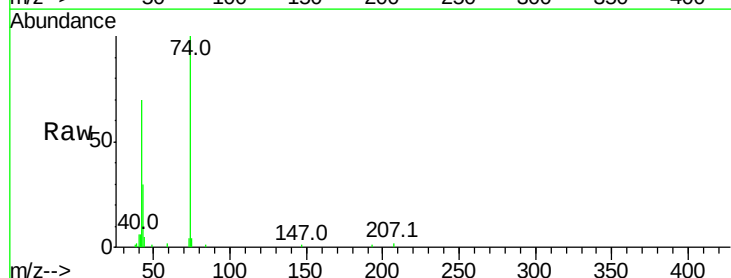
Tgt Ion: 42 Resp: 75518

Ion Ratio Lower Upper

42 100

74 143.7 104.9 157.3

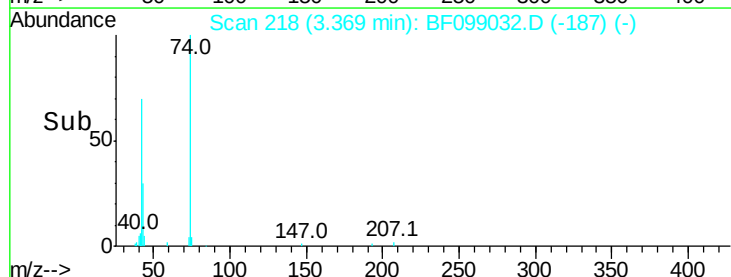
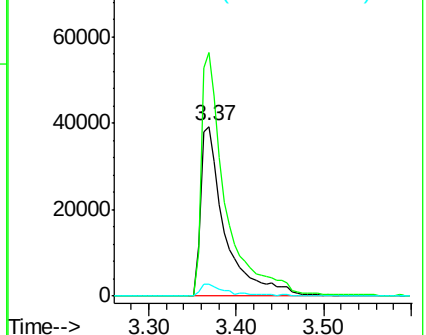
44 7.3 6.9 10.3

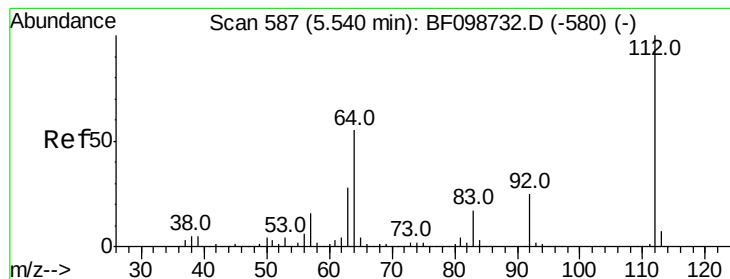


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 148.563 ng

RT: 5.49 min Scan# 579

Delta R.T. -0.05 min

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LOQ-WATER-06-QT4-2017

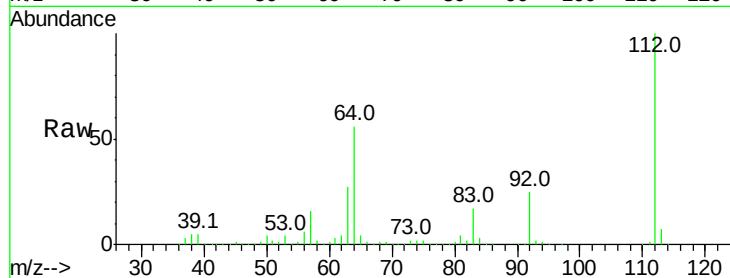
Tot Ion:112 Resp: 1083428

Ion Ratio Lower Upper

112 100

64 56.1 47.9 71.9

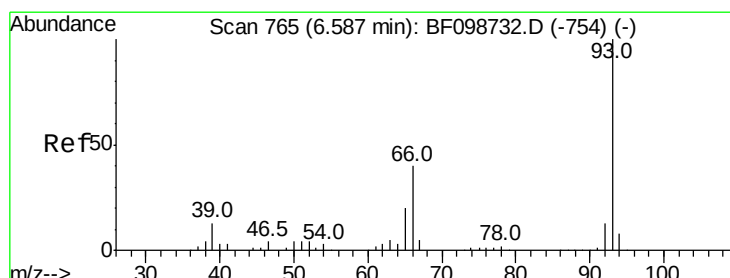
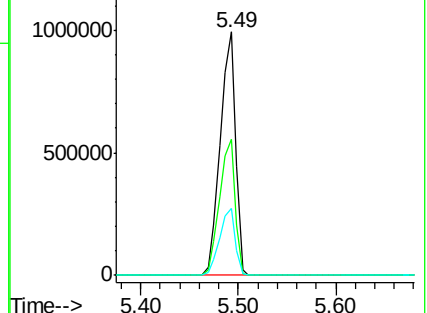
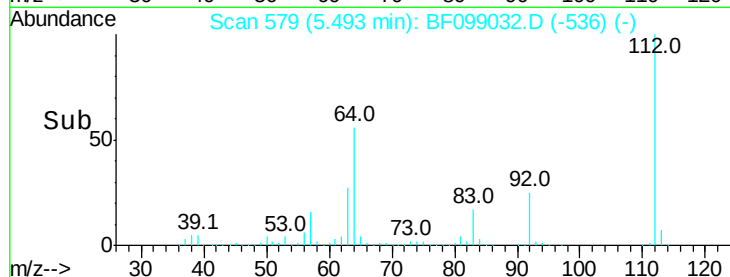
63 27.3 23.7 35.5



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: 20.779 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

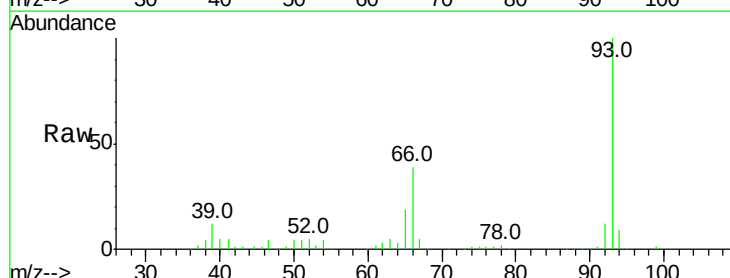
Tgt Ion: 93 Resp: 252301

Ion Ratio Lower Upper

93 100

66 38.6 32.2 48.2

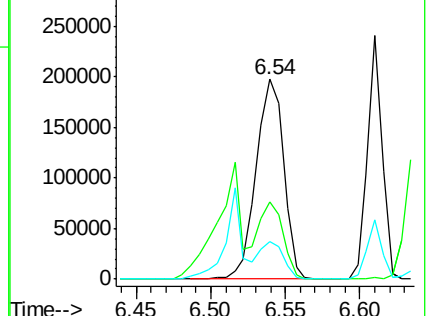
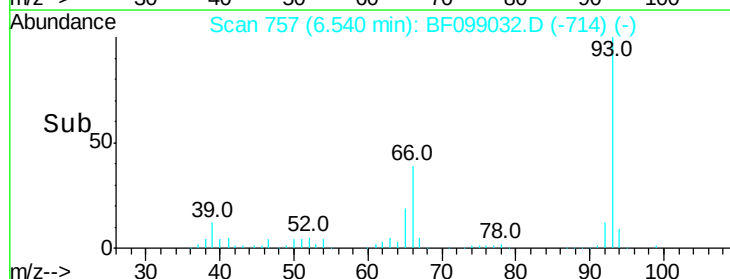
65 18.8 16.4 24.6

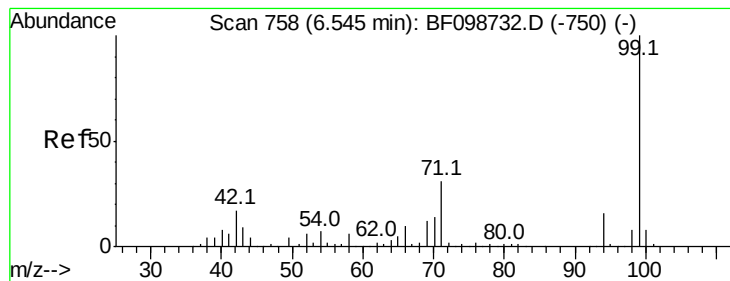


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 146.490 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.04 min

Lab File: BF099032.D

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Instrument :

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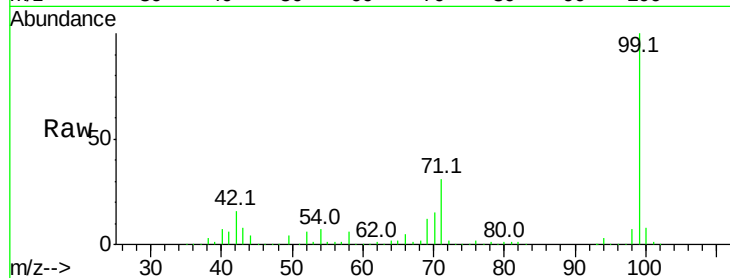
Tot Ion: 99 Resp: 1317885

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.5	21.7
71	31.5	25.4	38.0

99 100

42 16.4 14.5 21.7

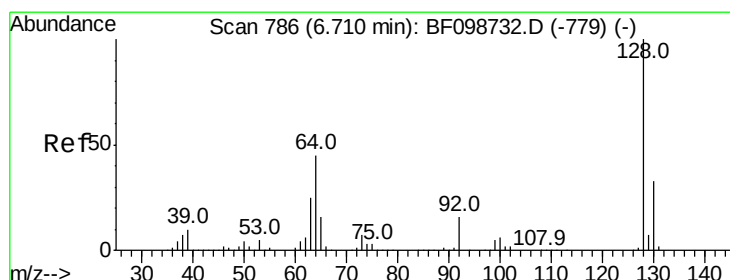
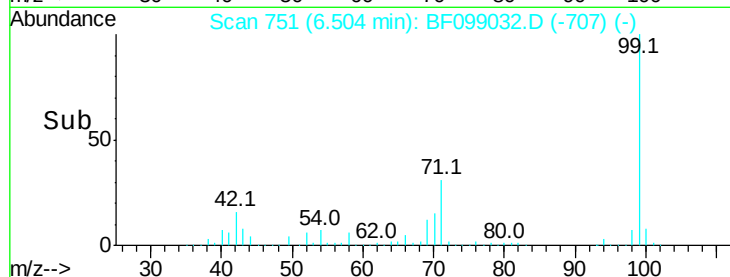
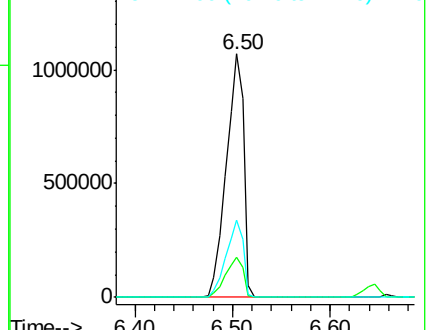
71 31.5 25.4 38.0



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: 20.851 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

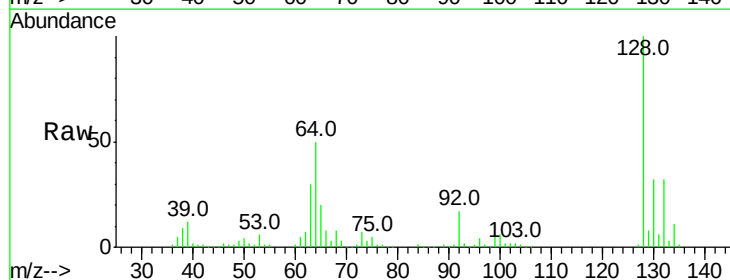
Tgt Ion:128 Resp: 172199

Ion	Ratio	Lower	Upper
128	100		
130	32.4	13.0	53.0
64	50.1	29.4	69.4

128 100

130 32.4 13.0 53.0

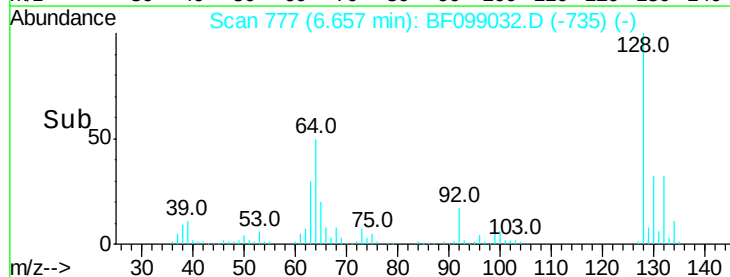
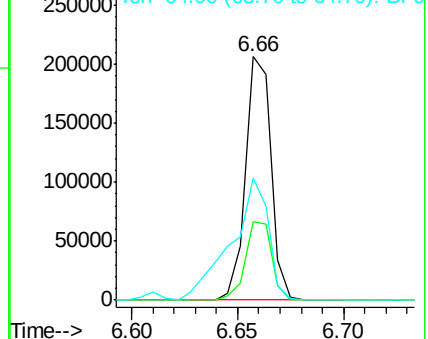
64 50.1 29.4 69.4

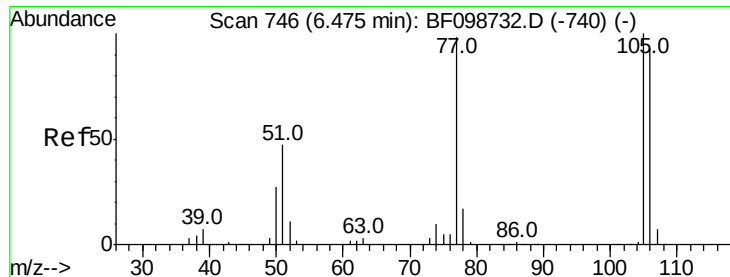


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

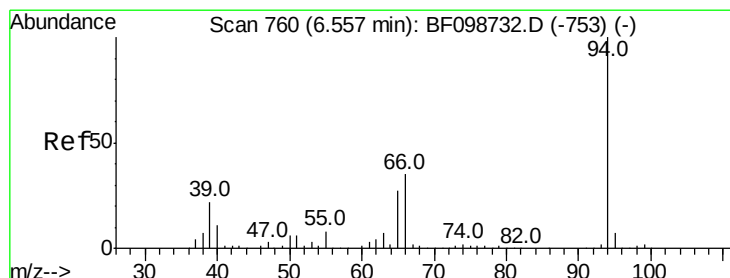
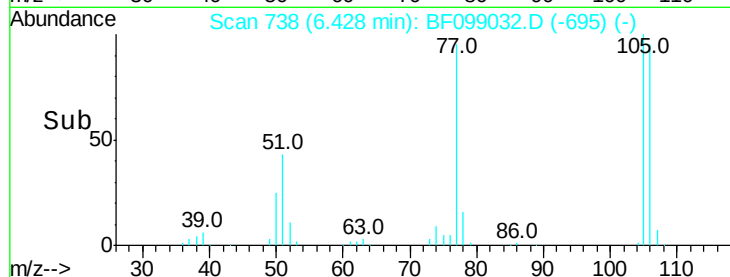
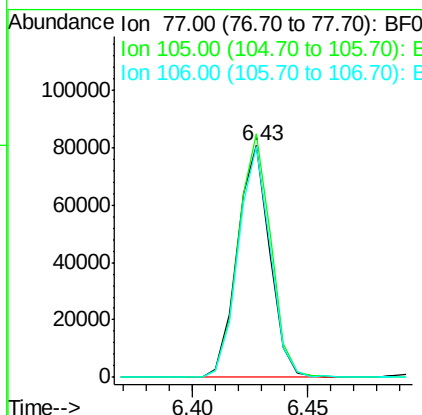
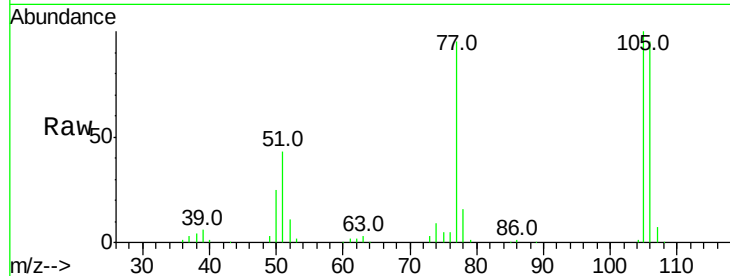




#9
Benzaldehyde
Concen: 15.113 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.05 min
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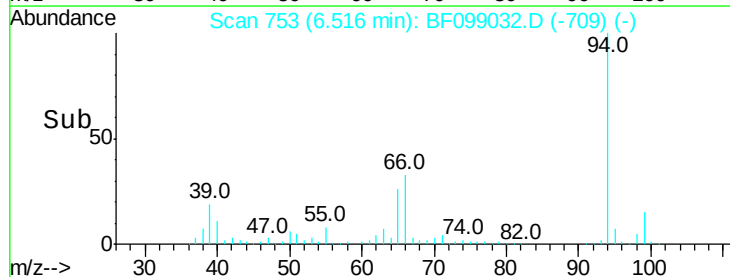
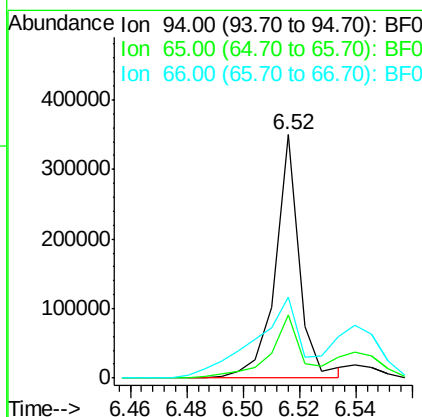
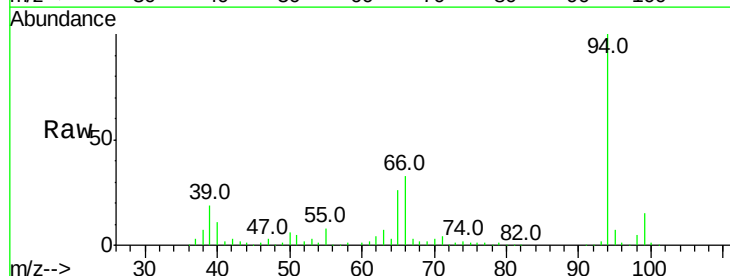
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

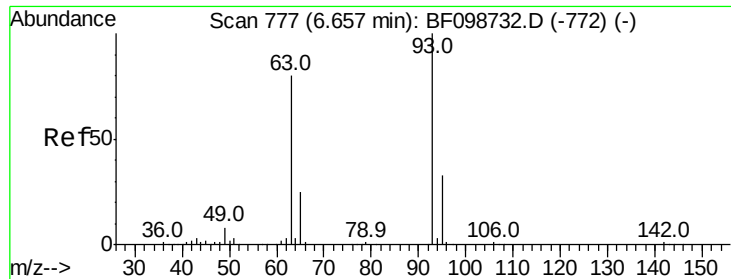
Tot Ion: 77 Resp: 78868
Ion Ratio Lower Upper
77 100
105 105.2 81.1 121.1
106 99.8 74.5 114.5



#10
Phenol
Concen: 20.709 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.04 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion: 94 Resp: 208364
Ion Ratio Lower Upper
94 100
65 25.9 7.9 47.9
66 33.1 16.2 56.2





#11

bis(2-Chloroethyl)ether

Concen: 21.341 ng

RT: 6.61 min Scan# 769

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

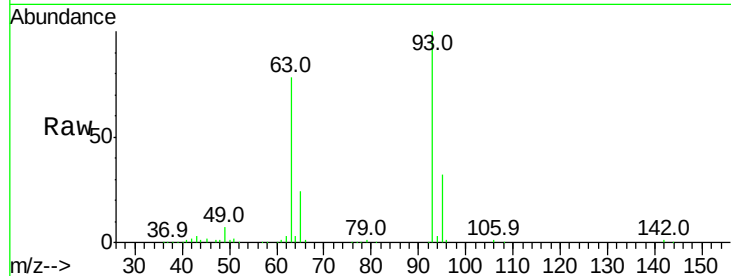
Tot Ion: 93 Resp: 166928

Ion Ratio Lower Upper

93 100

63 78.1 58.6 98.6

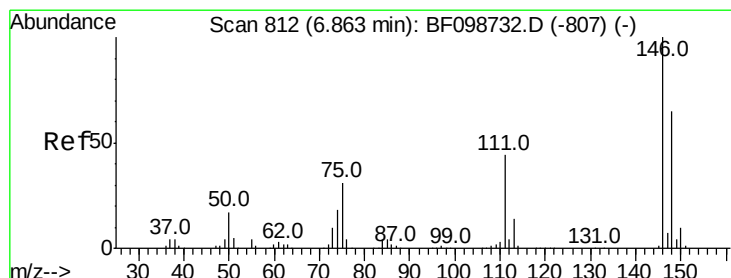
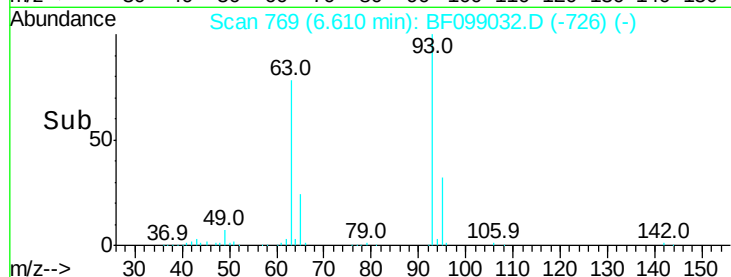
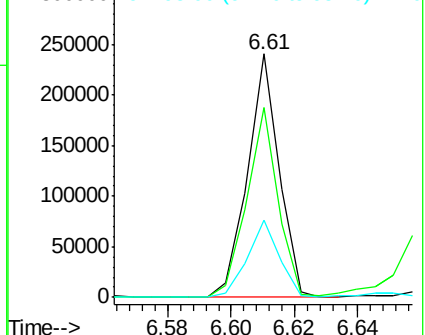
95 31.6 11.8 51.8



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: 21.463 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

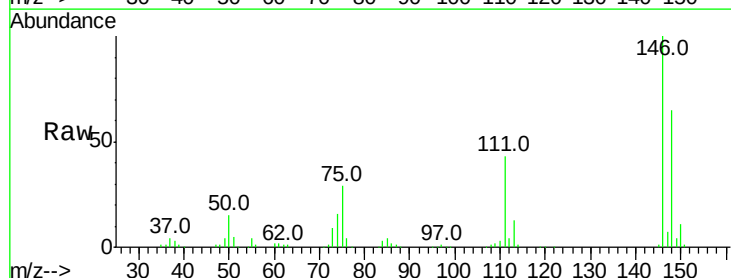
Tgt Ion: 146 Resp: 185634

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.8

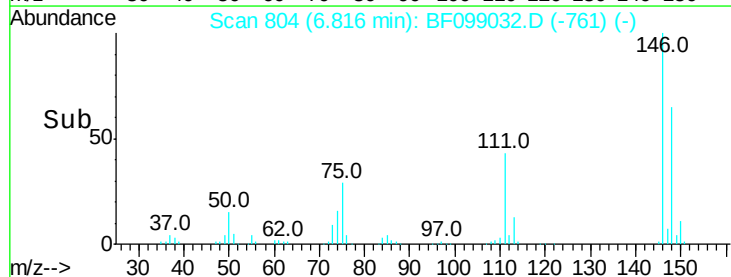
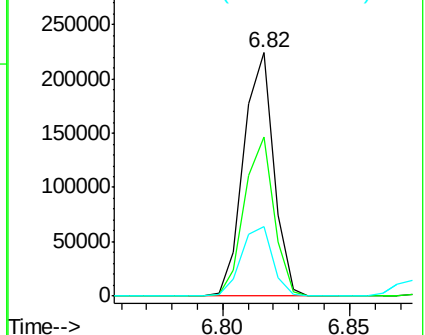
75 28.5 24.2 36.4

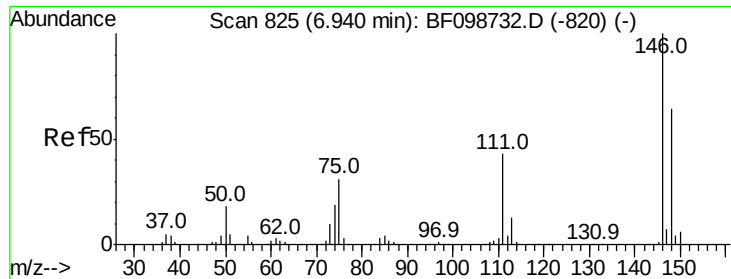


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

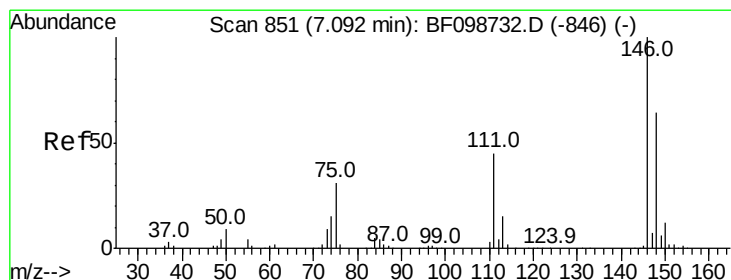
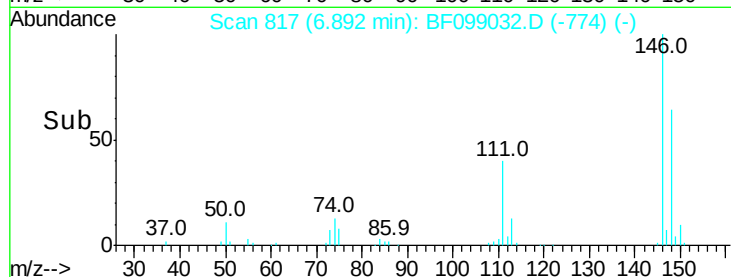
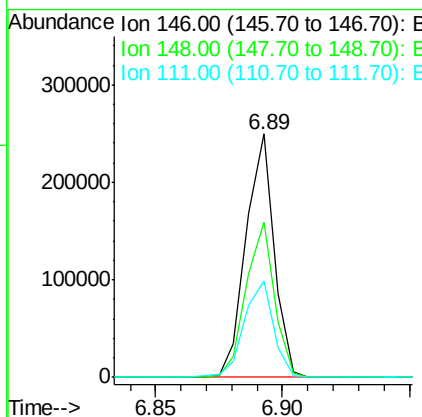
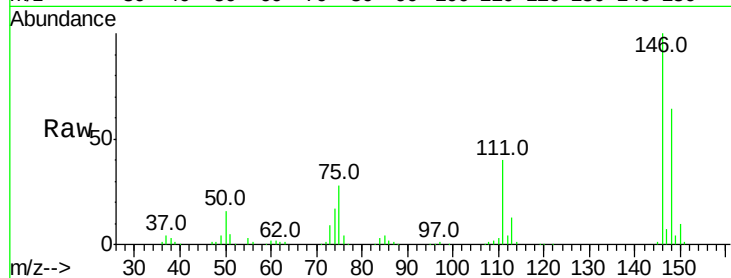




#13
 1,4-Dichlorobenzene
 Concen: 21.894 ng
 RT: 6.89 min Scan# 817
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

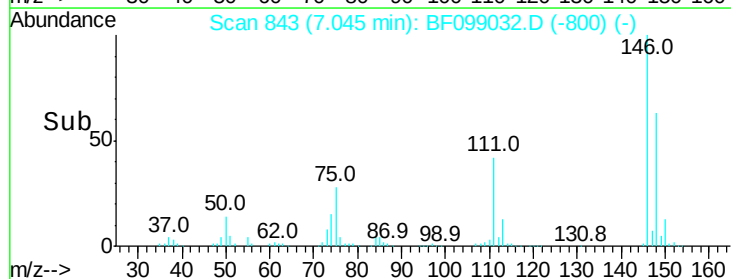
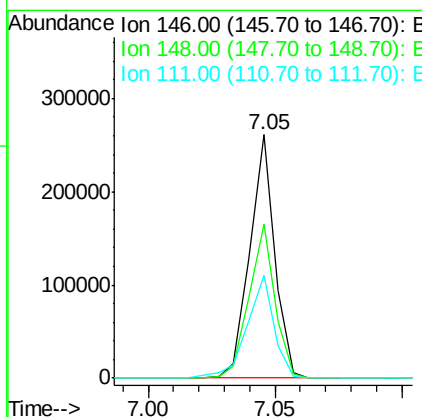
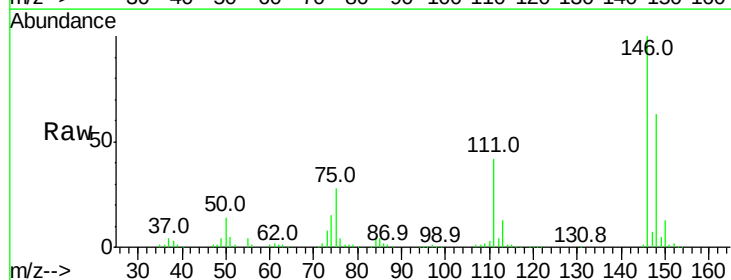
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

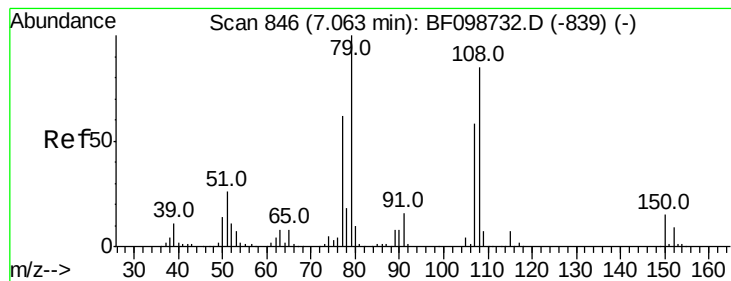
Tot Ion:146 Resp: 192668
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 39.8 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 21.972 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:146 Resp: 178655
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.6 75.8
 111 42.0 36.0 54.0





#15

Benzyl Alcohol

Concen: 21.183 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

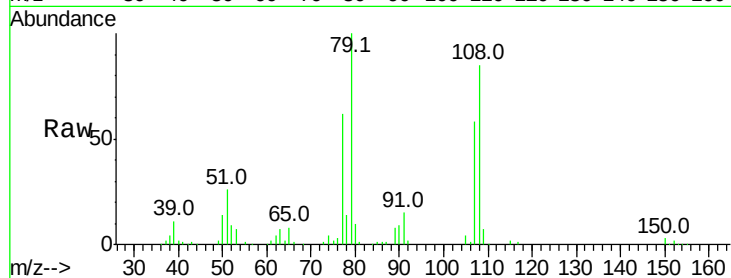
Tot Ion: 79 Resp: 139807

Ion Ratio Lower Upper

79 100

108 85.1 65.1 97.7

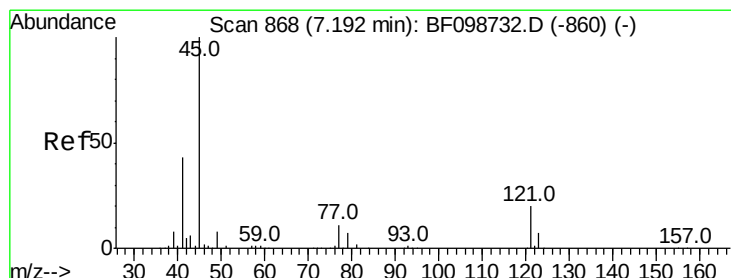
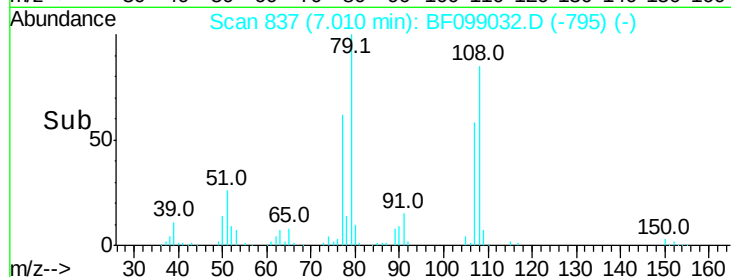
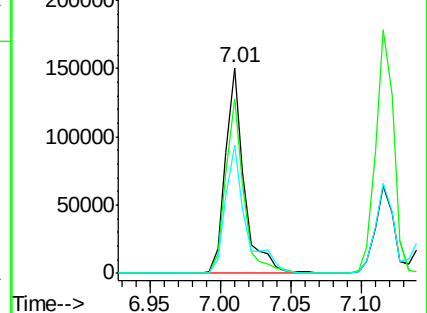
77 62.2 50.6 75.8



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: 20.162 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

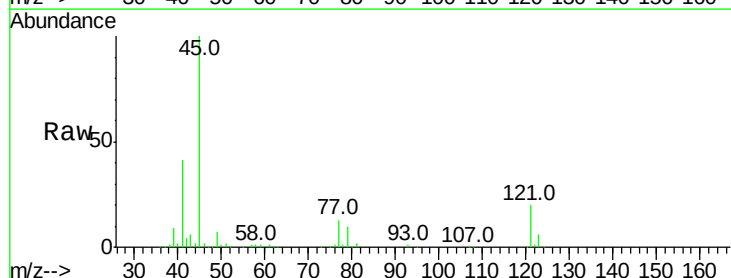
Tgt Ion: 45 Resp: 245709

Ion Ratio Lower Upper

45 100

77 12.9 0.0 32.9

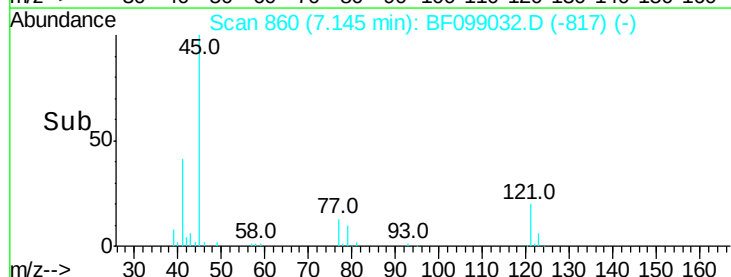
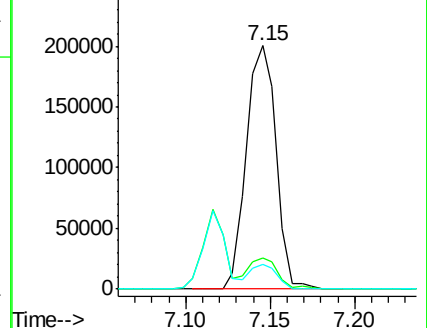
79 10.3 0.0 29.6

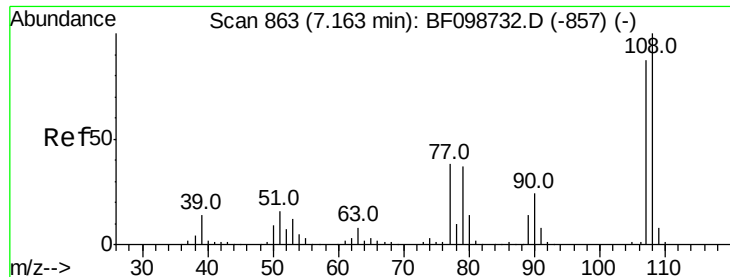


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

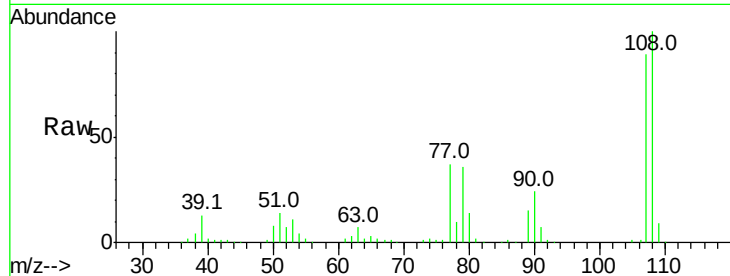




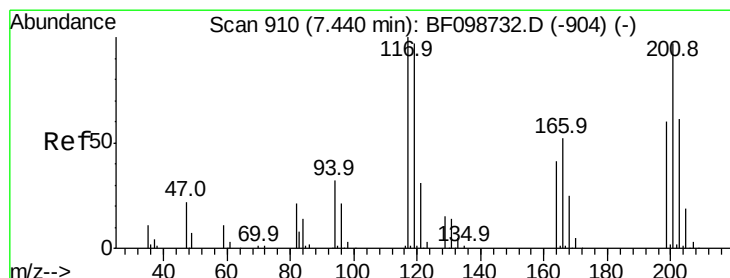
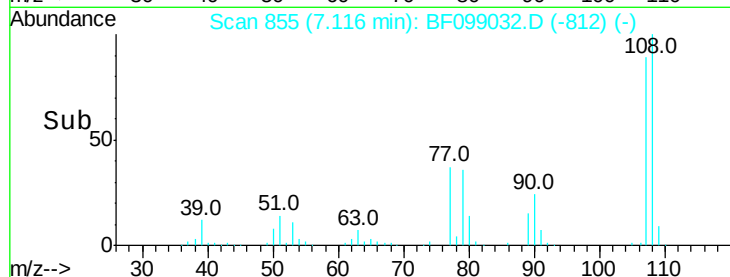
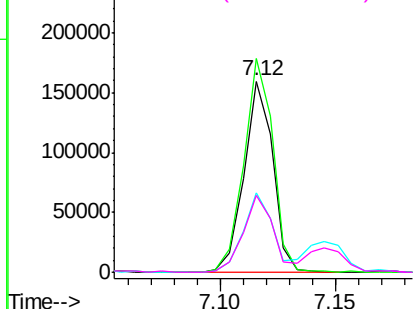
#17
2-Methylphenol
Concen: 20.707 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tot Ion:	107	Resp:	139929
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.7	137.5
77	41.4	33.8	50.8
79	40.3	33.8	50.8

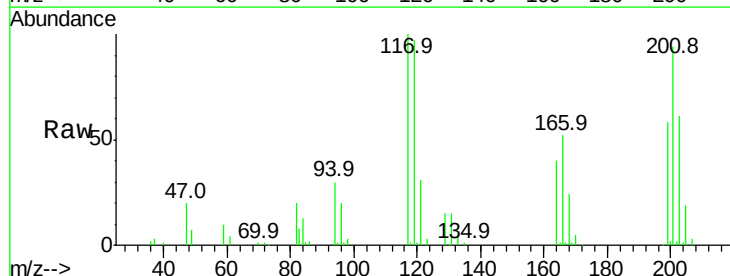


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

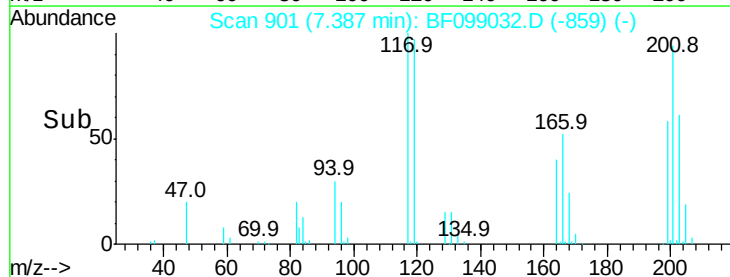
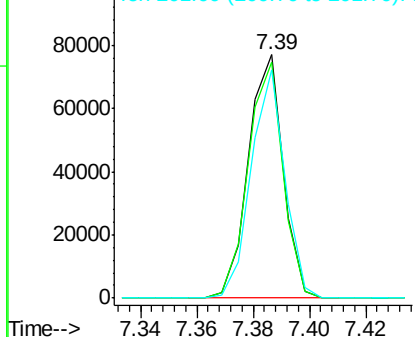


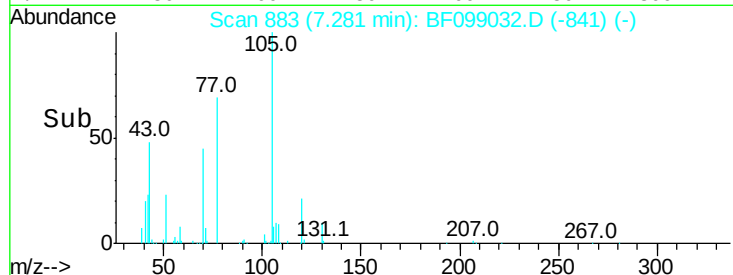
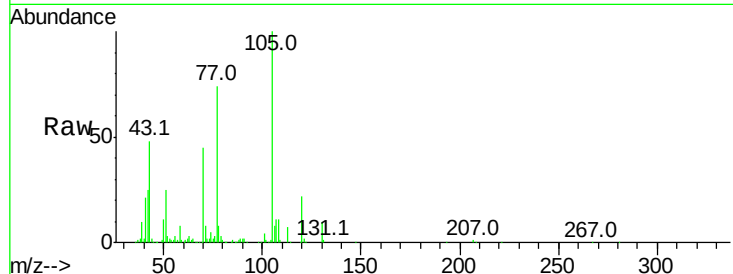
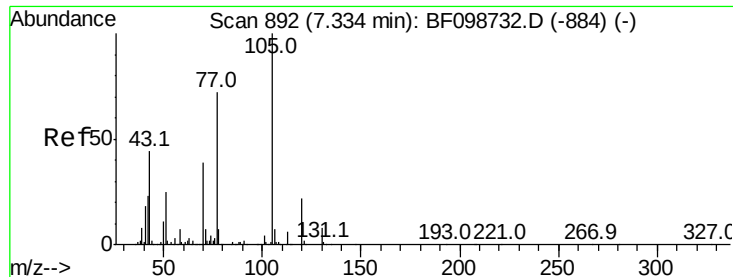
#18
Hexachloroethane
Concen: 20.739 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:	117	Resp:	65598
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.8	113.8
201	93.6	75.7	113.5



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

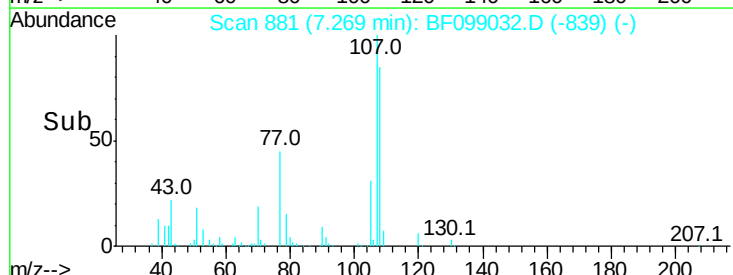
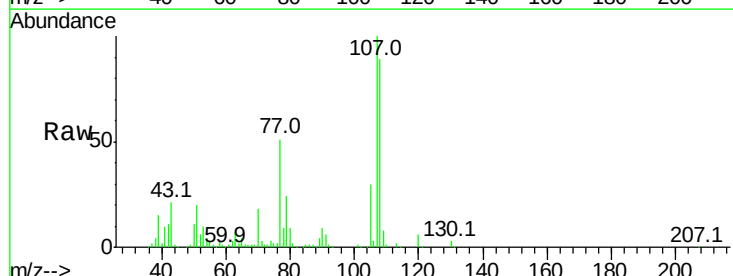
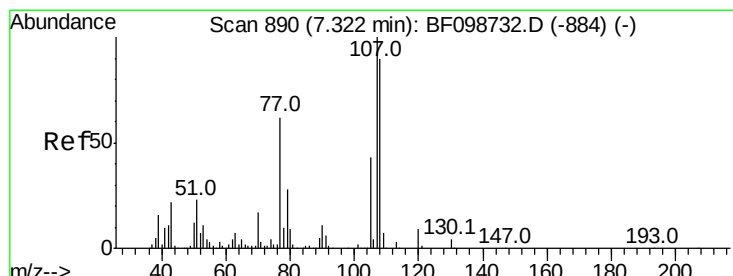
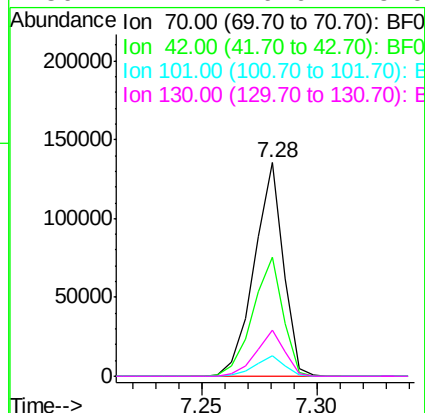




#19
n-Nitroso-di-n-propylamine
Concen: 20.795 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

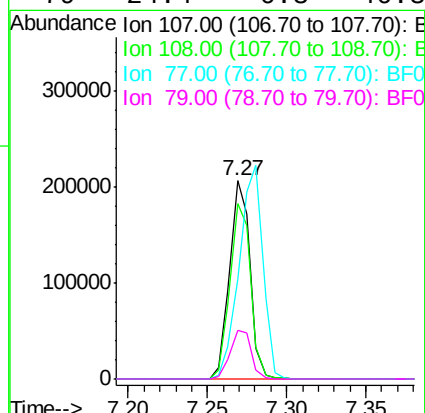
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

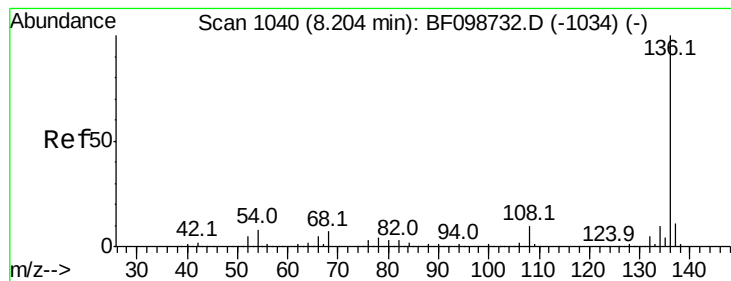
Tot Ion:	70	Resp:	119440
Ion	Ratio	Lower	Upper
70	100		
42	55.8	47.5	71.3
101	9.4	7.4	11.2
130	21.7	16.6	25.0



#20
3+4-Methylphenols
Concen: 21.579 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:	107	Resp:	184473
Ion	Ratio	Lower	Upper
107	100		
108	88.7	68.2	108.2
77	50.7	26.7	66.7
79	24.4	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

Tot Ion:136 Resp: 486118

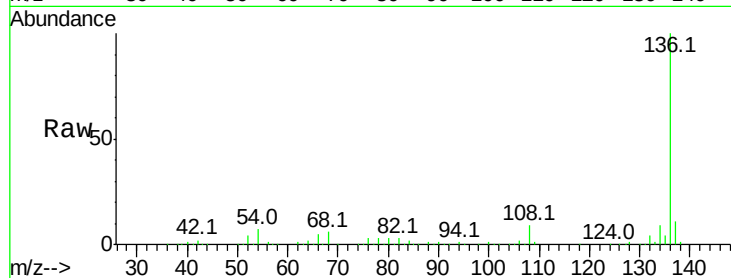
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 7.4 6.6 9.8

68 6.1 5.0 7.4

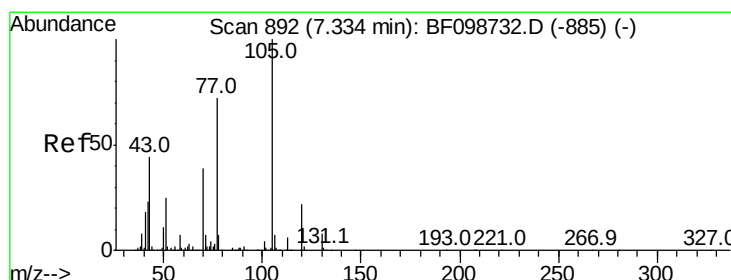
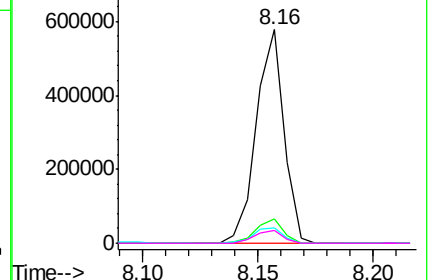
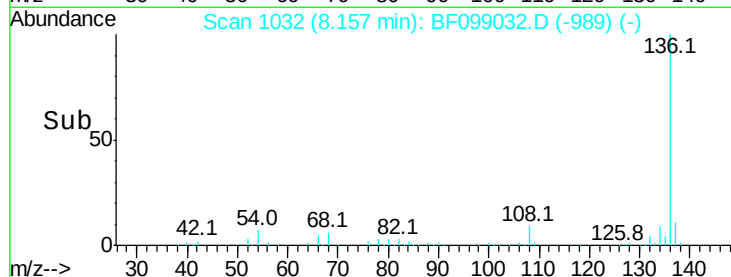


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.191 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Tgt Ion:105 Resp: 249584

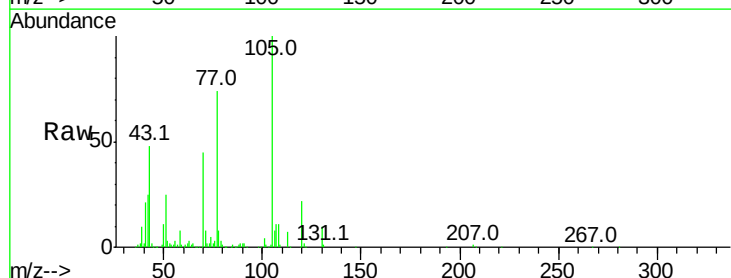
Ion Ratio Lower Upper

105 100

71 7.6 4.4 6.6#

51 25.1 22.3 33.5

120 21.8 16.9 25.3

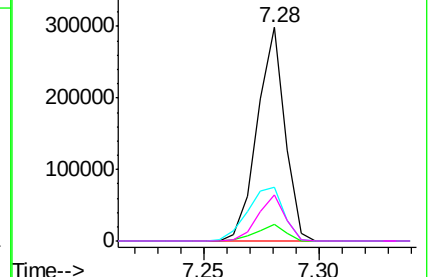
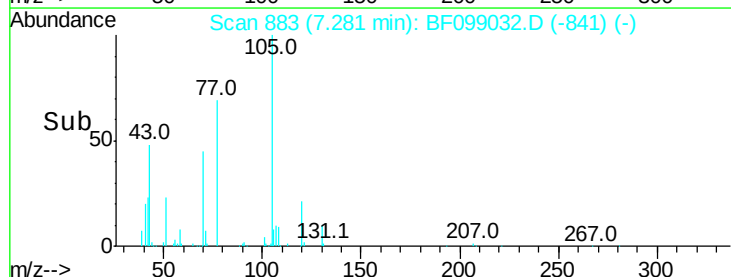


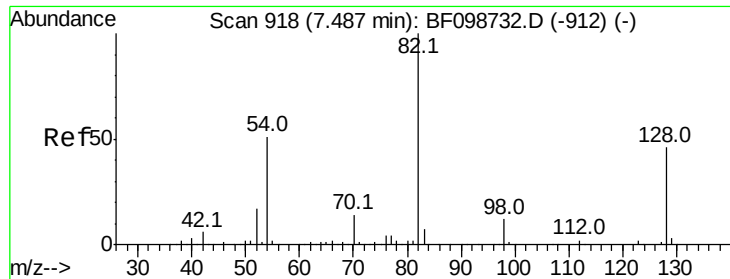
Abundance Ion 105.00 (104.70 to 105.70): E

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

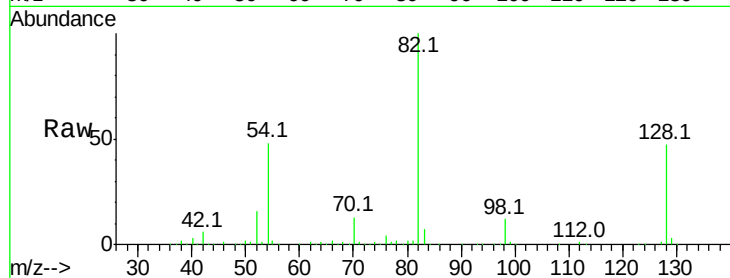




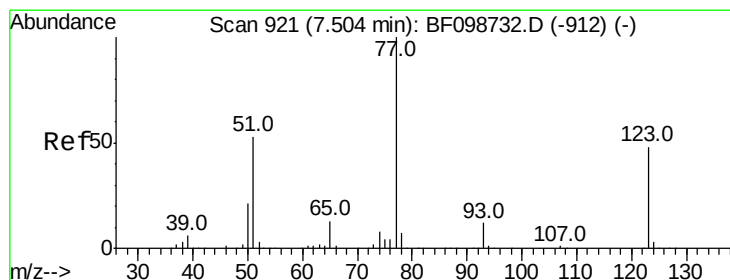
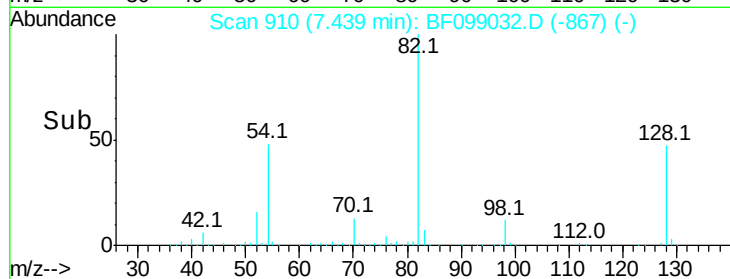
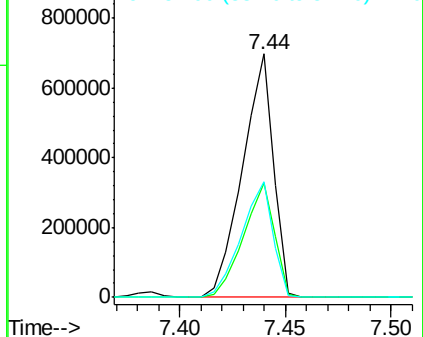
#23
 Nitrobenzene-d5
 Concen: 93.983 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion: 82 Resp: 712406
 Ion Ratio Lower Upper
 82 100
 128 47.2 36.1 54.1
 54 47.7 41.4 62.2

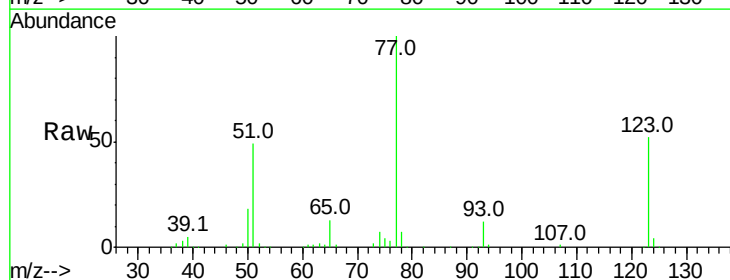


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

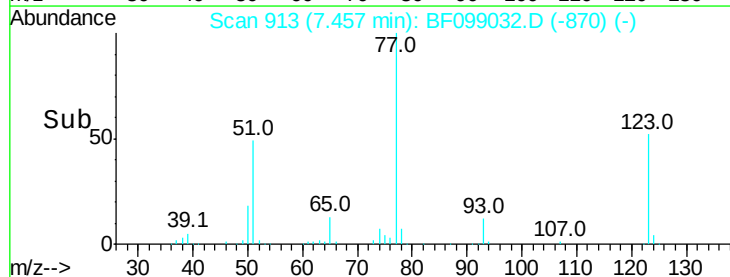
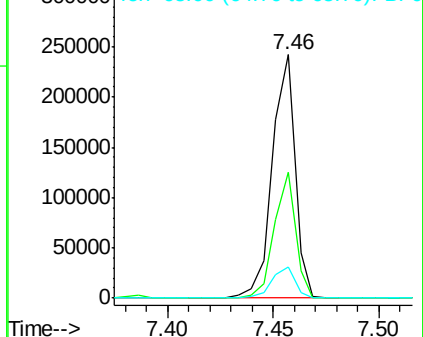


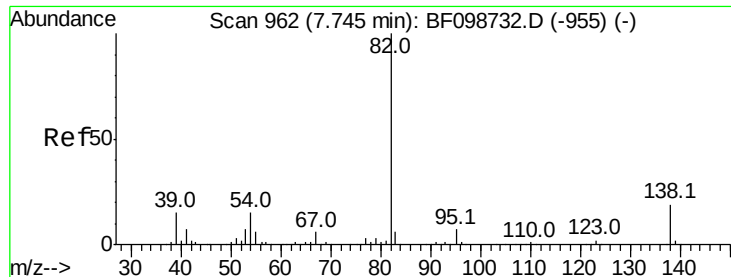
#24
 Nitrobenzene
 Concen: 21.204 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion: 77 Resp: 182326
 Ion Ratio Lower Upper
 77 100
 123 51.5 37.9 56.9
 65 12.9 11.0 16.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 20.464 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.06 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

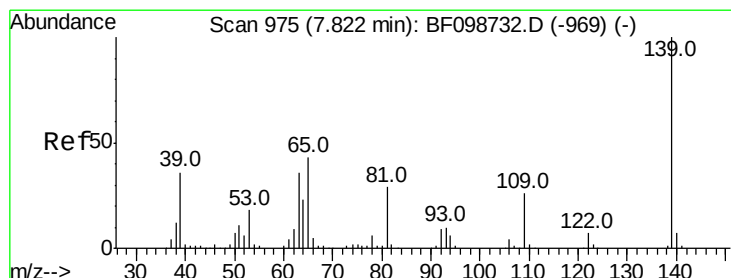
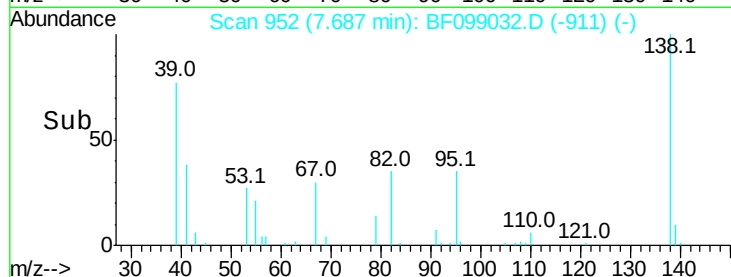
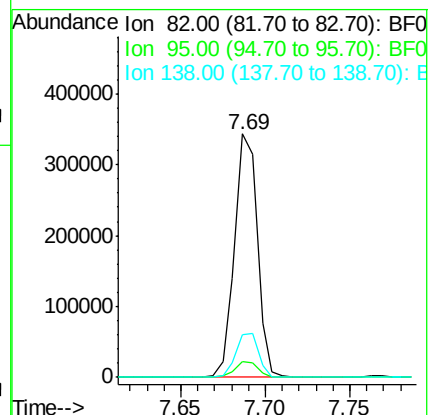
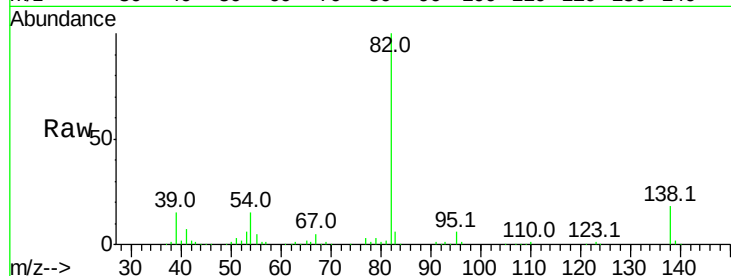
Tot Ion: 82 Resp: 320711

Ion Ratio Lower Upper

82 100

95 6.2 5.2 7.8

138 17.7 14.9 22.3



#26

2-Nitrophenol

Concen: 22.491 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

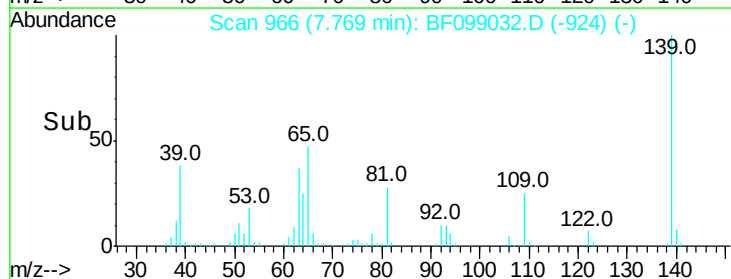
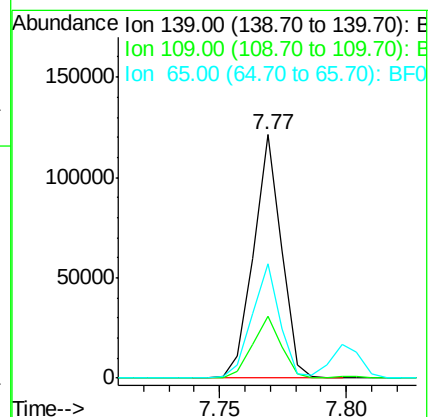
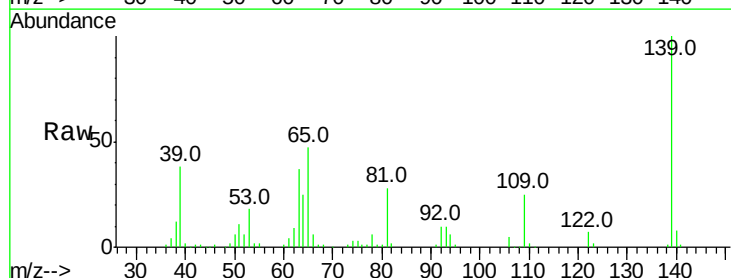
Tgt Ion:139 Resp: 92997

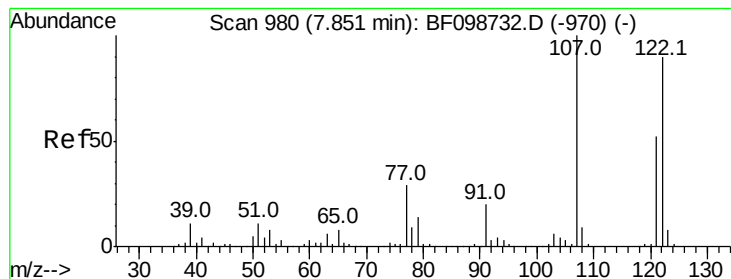
Ion Ratio Lower Upper

139 100

109 25.2 22.7 34.1

65 47.0 40.5 60.7





#27

2,4-Dimethylphenol

Concen: 20.282 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

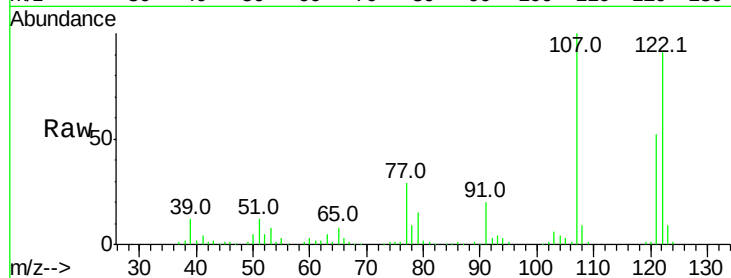
Tot Ion:122 Resp: 158378

Ion Ratio Lower Upper

122 100

107 109.9 91.2 136.8

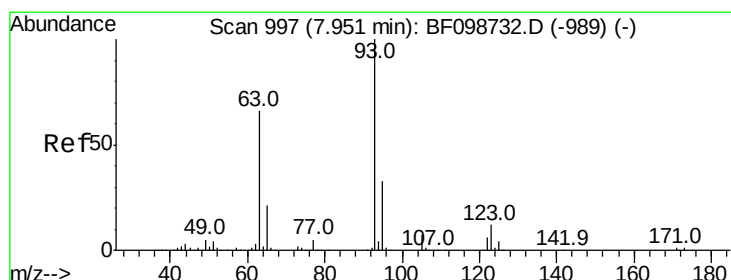
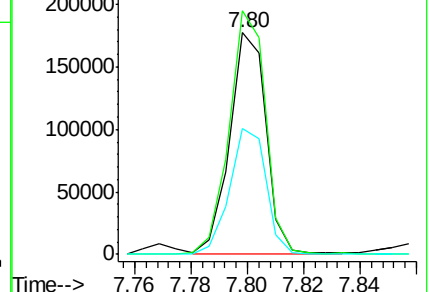
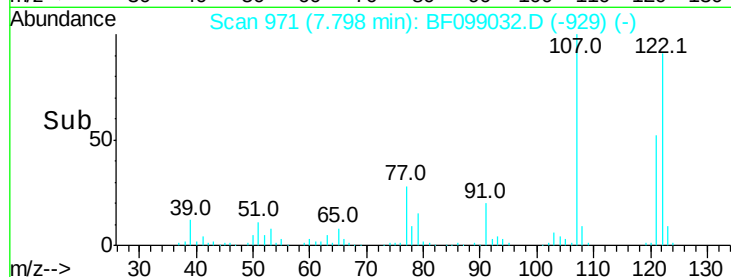
121 56.8 47.2 70.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 21.356 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

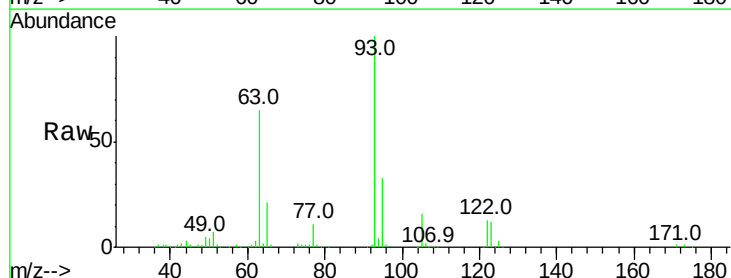
Tgt Ion: 93 Resp: 208575

Ion Ratio Lower Upper

93 100

95 33.1 26.3 39.5

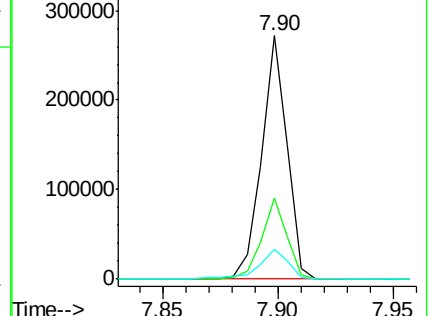
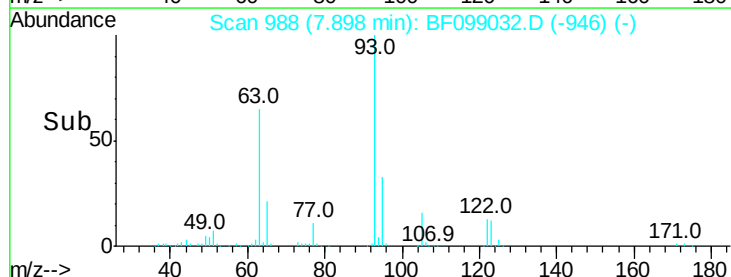
123 12.3 9.8 14.6

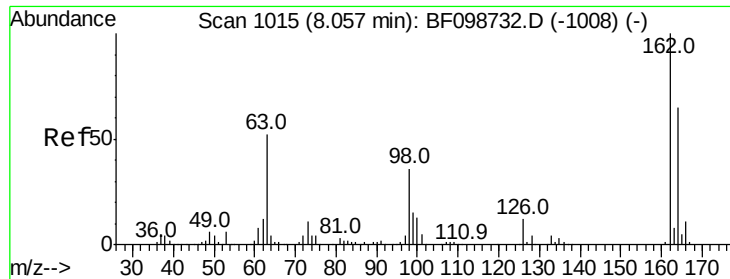


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

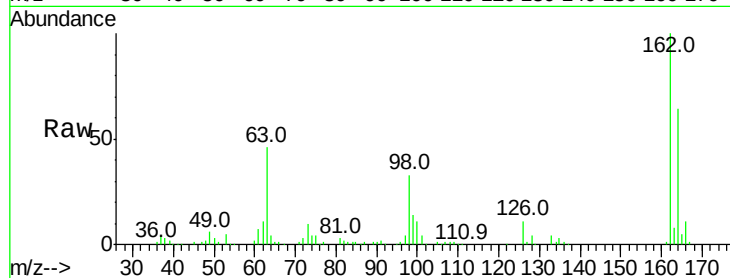




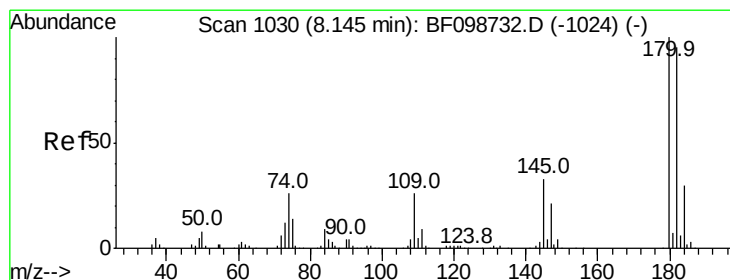
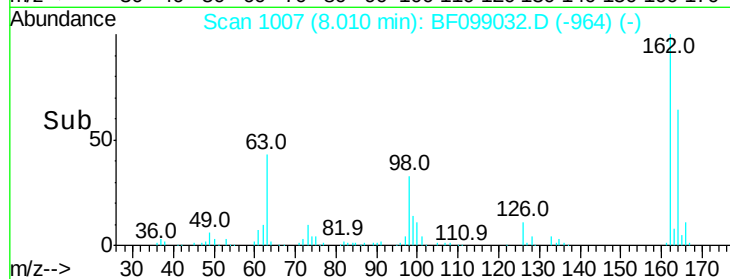
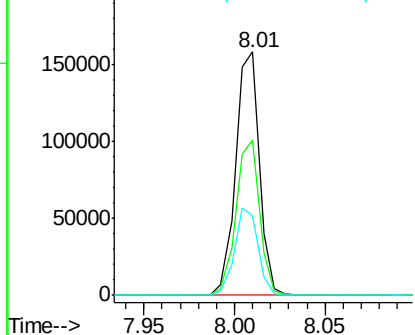
#29
 2,4-Dichlorophenol
 Concen: 21.639 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	42.7	82.7
98	32.7	18.1	58.1

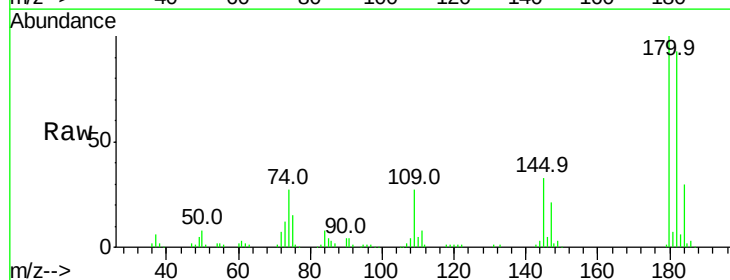


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

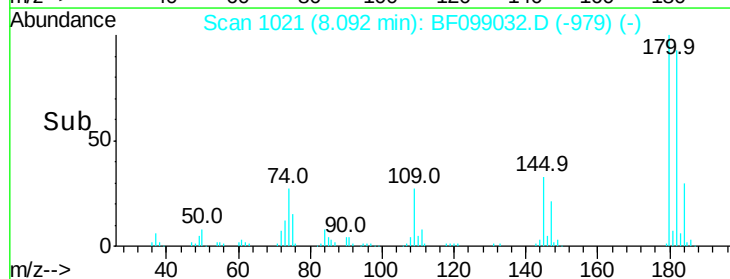
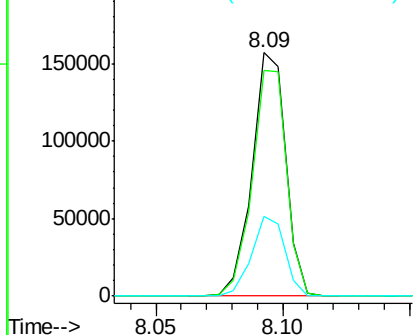


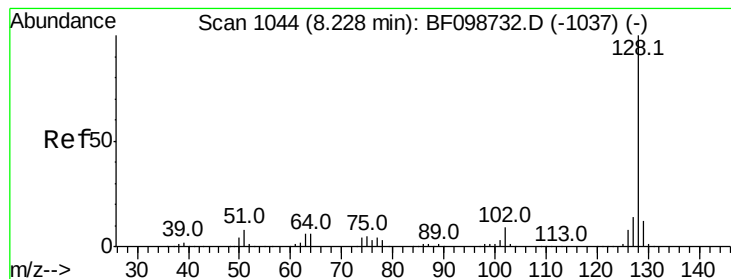
#30
 1,2,4-Trichlorobenzene
 Concen: 21.640 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.8	115.2
145	33.0	26.5	39.7



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: 22.015 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

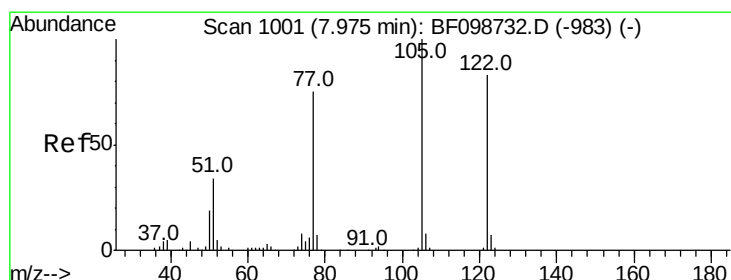
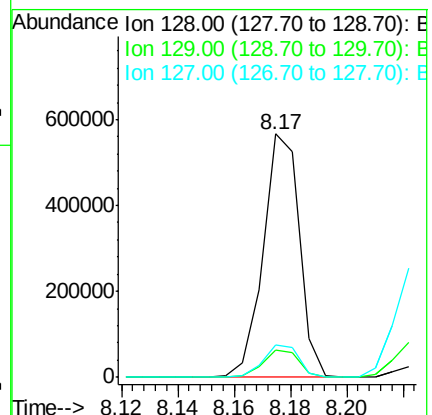
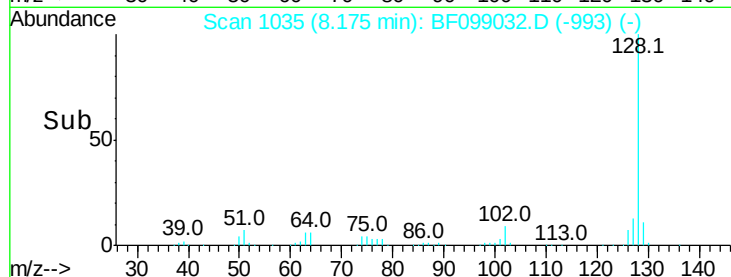
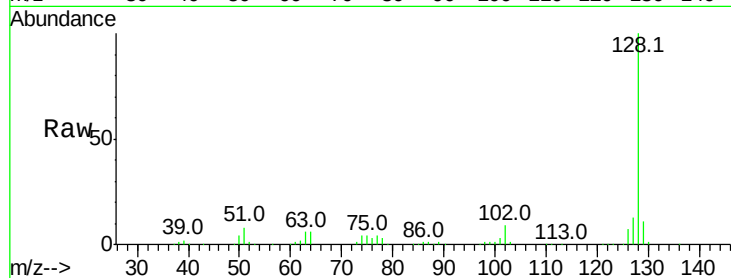
Tot Ion:128 Resp: 502628

Ion Ratio Lower Upper

128 100

129 11.3 8.8 13.2

127 13.2 10.9 16.3



#32

Benzoic acid

Concen: 14.166 ng

RT: 7.90 min Scan# 988

Delta R.T. -0.08 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

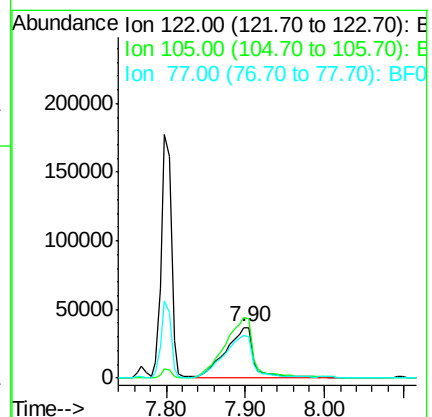
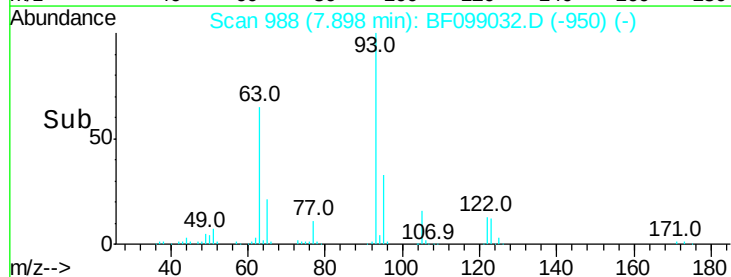
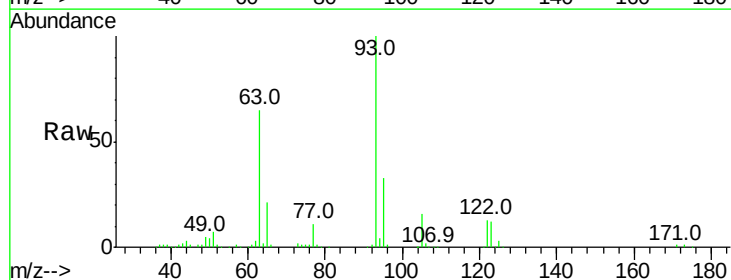
Tgt Ion:122 Resp: 90865

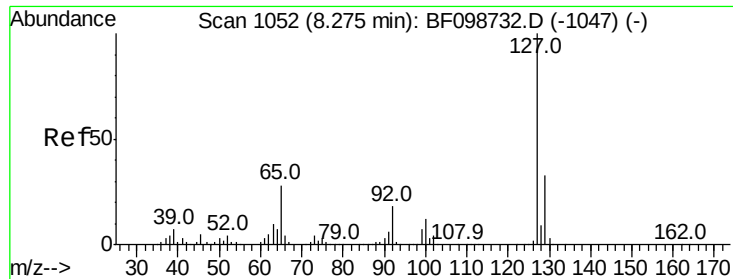
Ion Ratio Lower Upper

122 100

105 120.5 101.1 141.1

77 83.8 70.7 110.7

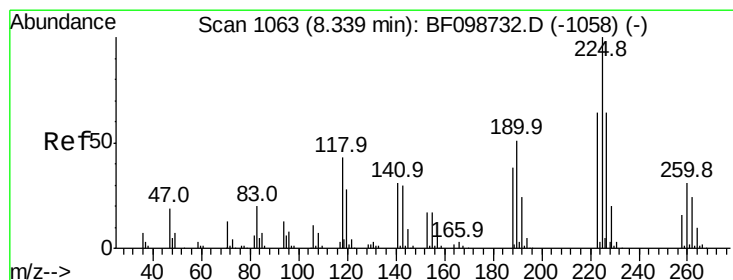
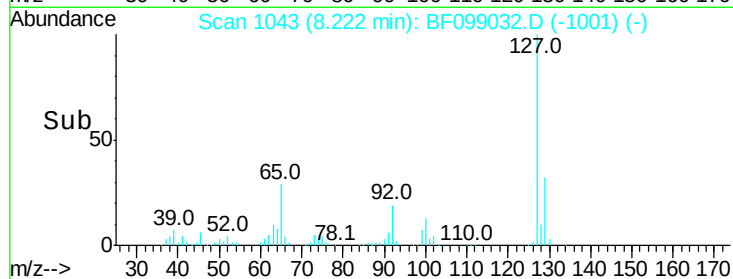
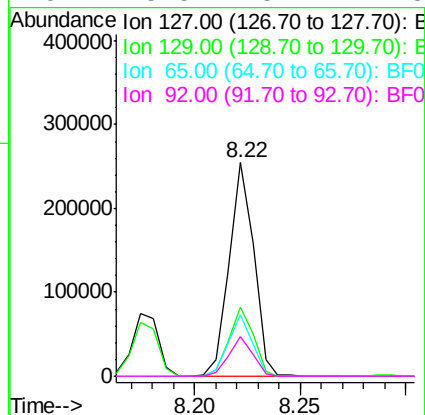
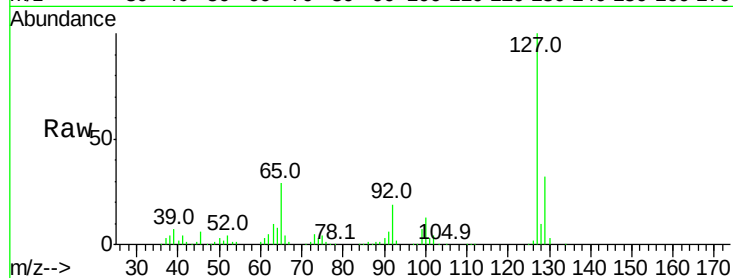




#33
4-Chloroaniline
Concen: 21.479 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

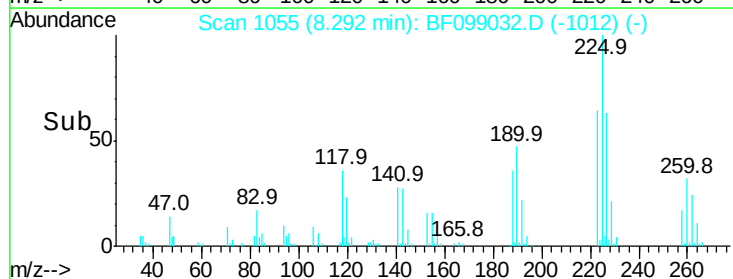
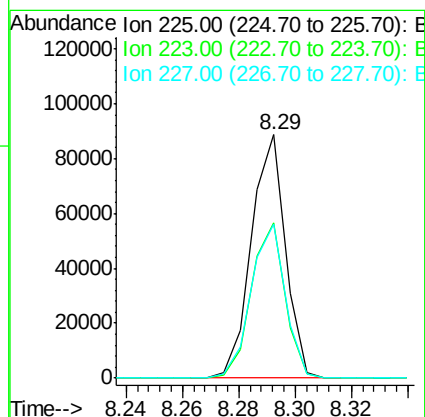
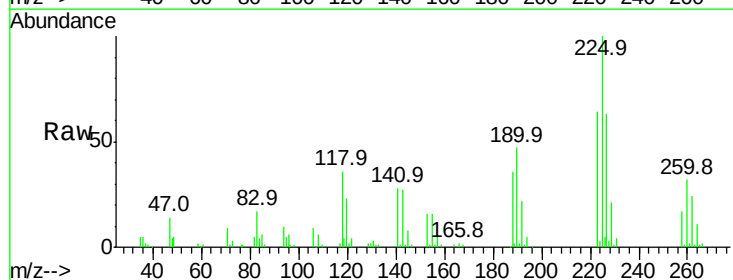
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

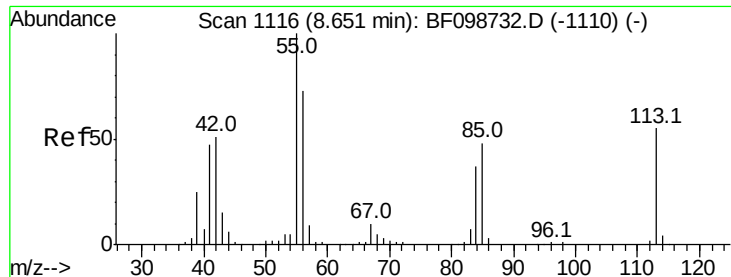
Tot Ion:	127	Resp:	204789
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	28.8	25.0	37.4
92	18.5	15.2	22.8



#34
Hexachlorobutadiene
Concen: 21.494 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:	225	Resp:	74236
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.6	76.0
227	63.2	51.9	77.9

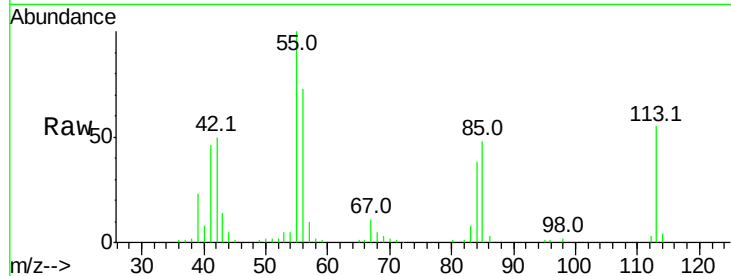




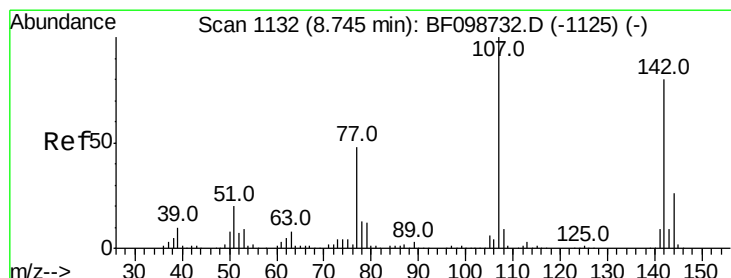
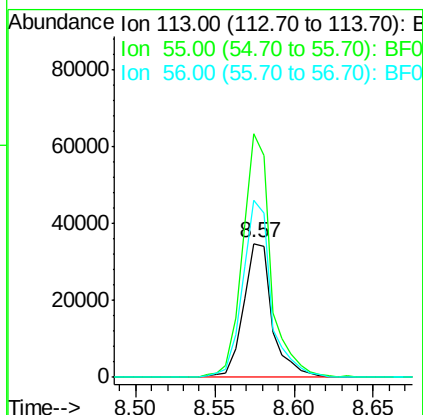
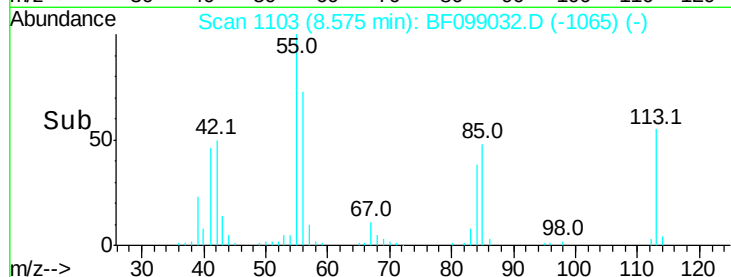
#35
 Caprolactam
 Concen: 20.345 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.08 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion:113 Resp: 43755
 Ion Ratio Lower Upper
 113 100
 55 182.1 163.3 203.3
 56 132.2 115.7 155.7

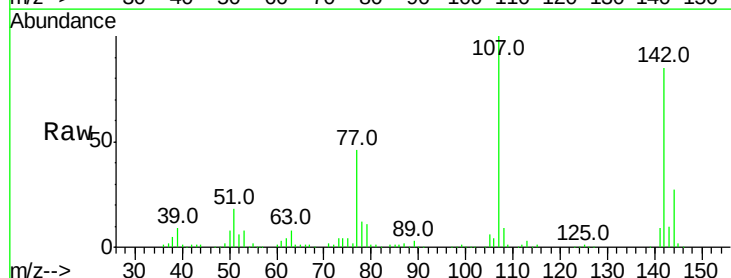


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

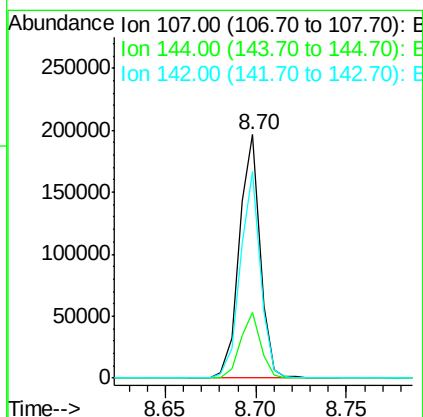
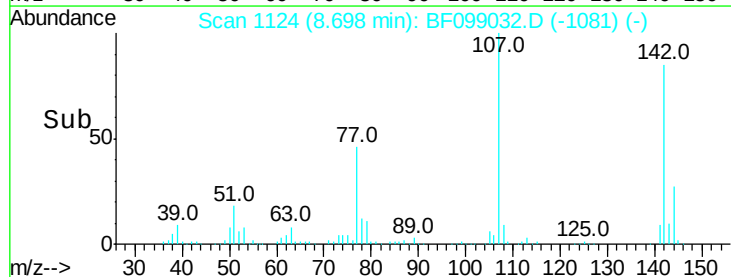


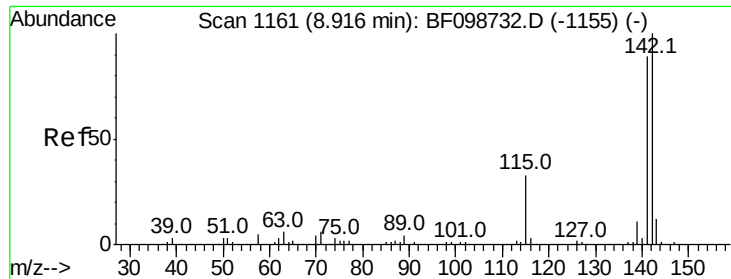
#36
 4-Chloro-3-methylphenol
 Concen: 20.808 ng
 RT: 8.70 min Scan# 1124
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:107 Resp: 156802
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.5 30.7
 142 84.7 62.0 93.0



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

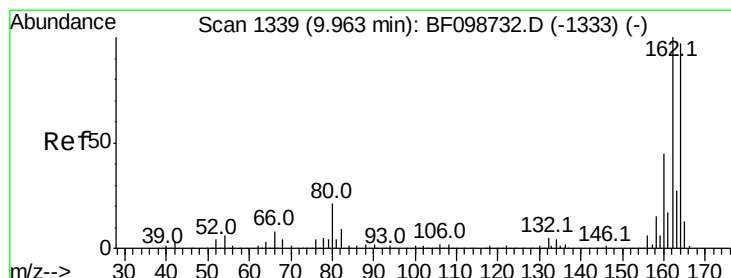
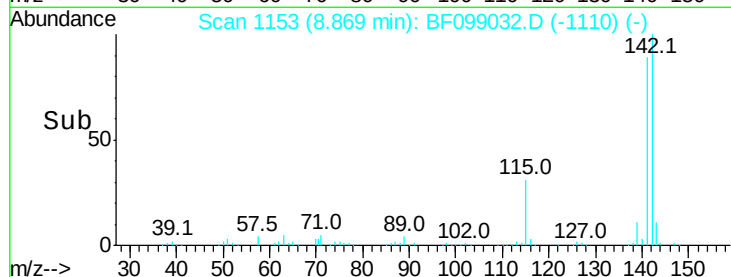
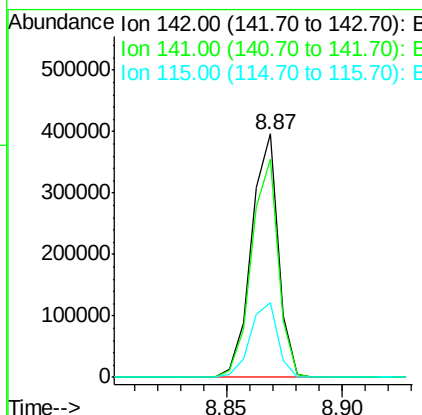
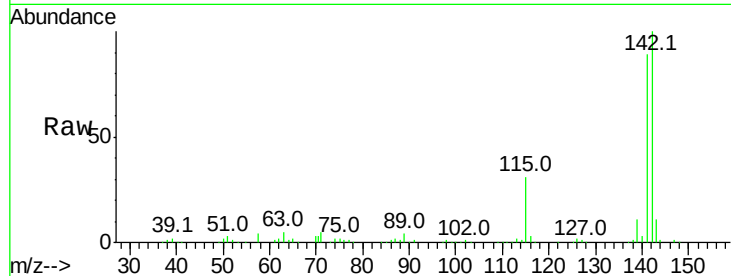




#37
 2-Methylnaphthalene
 Concen: 21.782 ng
 RT: 8.87 min Scan# 1153
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

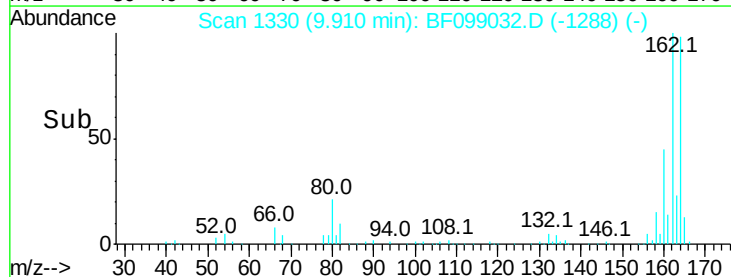
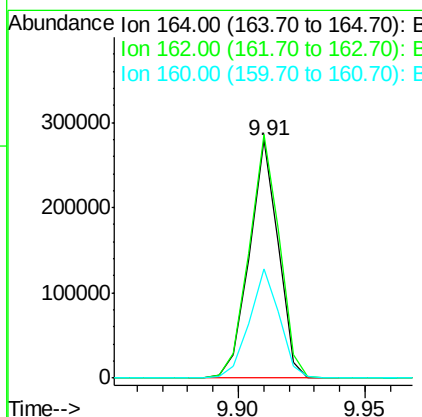
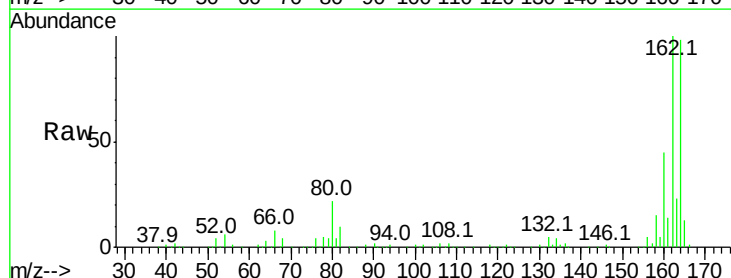
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

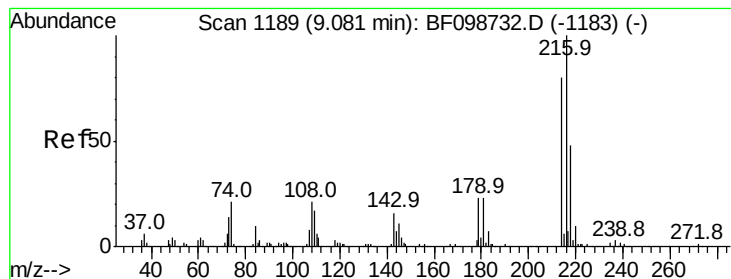
Tot Ion:142 Resp: 323292
 Ion Ratio Lower Upper
 142 100
 141 89.4 70.8 106.2
 115 30.6 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.91 min Scan# 1330
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:164 Resp: 222037
 Ion Ratio Lower Upper
 164 100
 162 102.2 86.1 129.1
 160 45.9 38.3 57.5





#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.457 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

Tot Ion:216 Resp: 148708

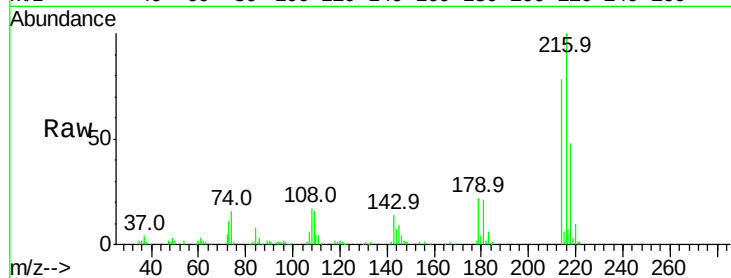
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 22.6 18.1 27.1

108 19.5 17.2 25.8

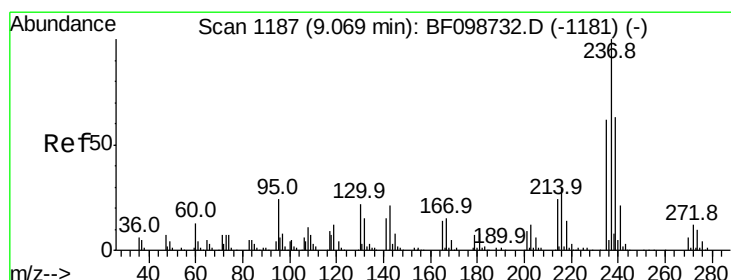
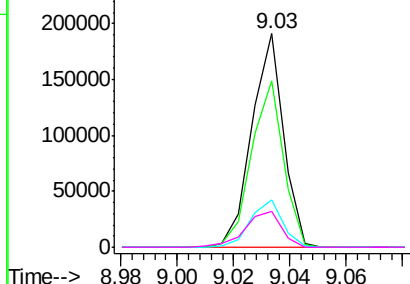
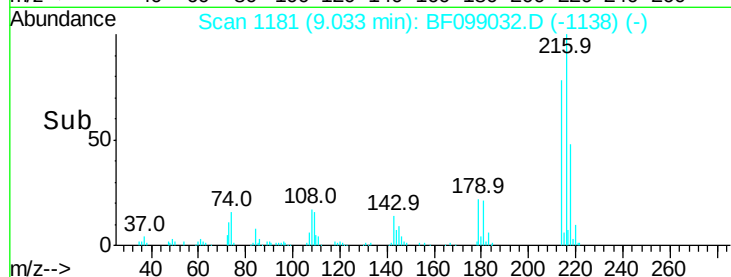


Abundance Ion 216.00 (215.70 to 216.70): E

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: 11.998 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

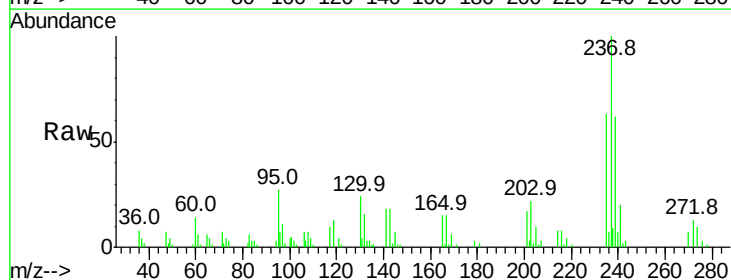
Tgt Ion:237 Resp: 36309

Ion Ratio Lower Upper

237 100

235 62.7 44.8 84.8

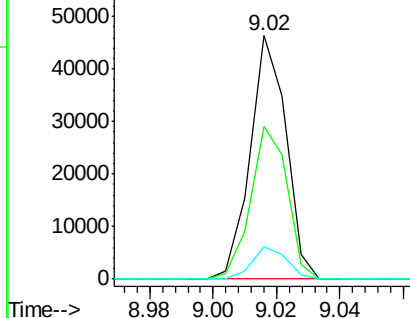
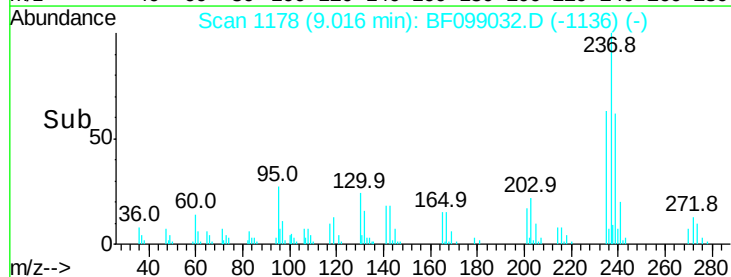
272 13.1 0.0 33.3

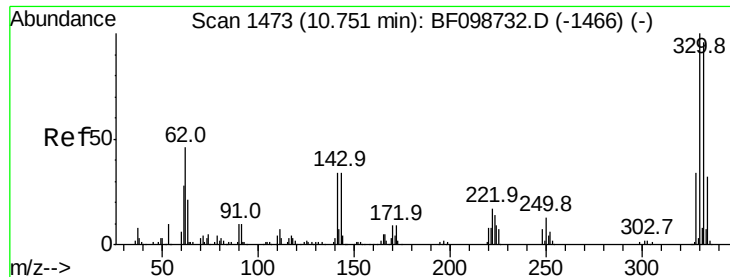


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

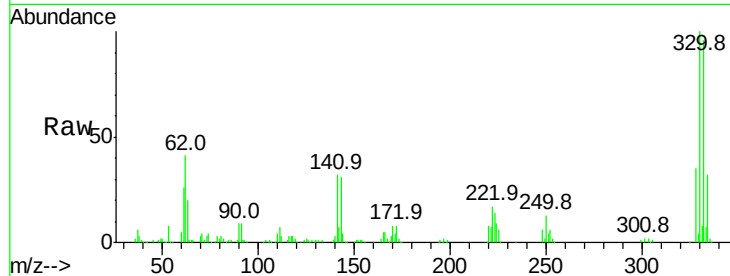




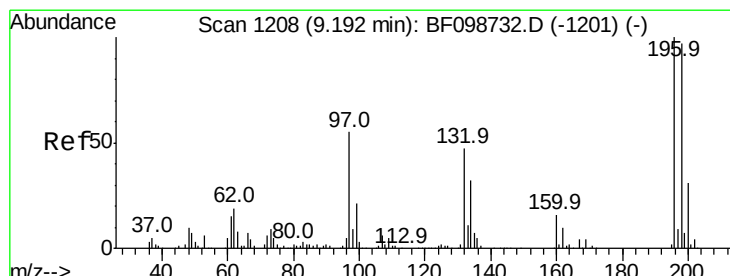
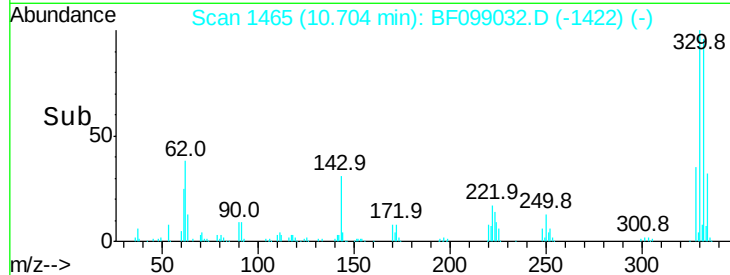
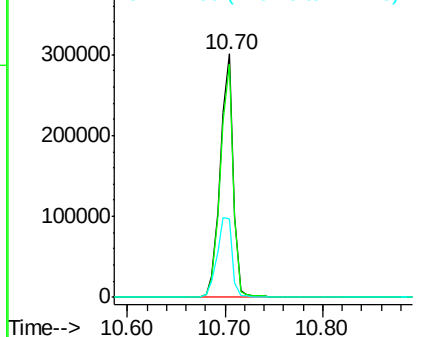
#41
 2,4,6-Tribromophenol
 Concen: 153.137 ng
 RT: 10.70 min Scan# 1465
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	77.0	115.6
141	38.0	29.9	44.9

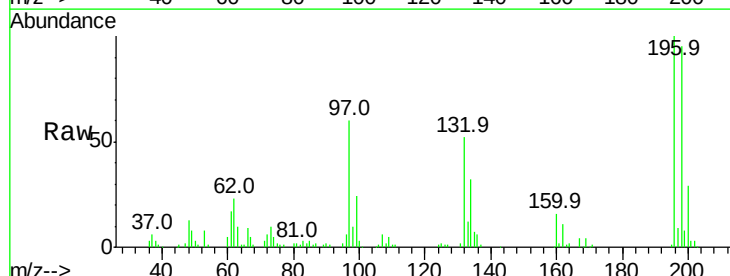


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

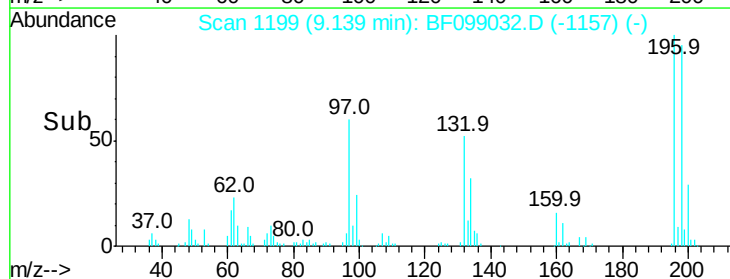
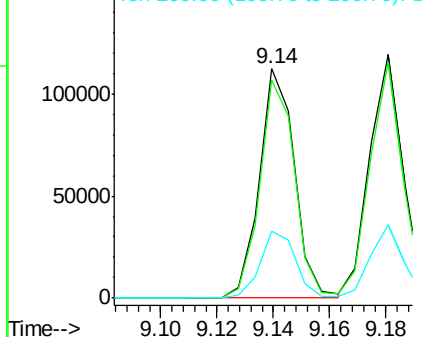


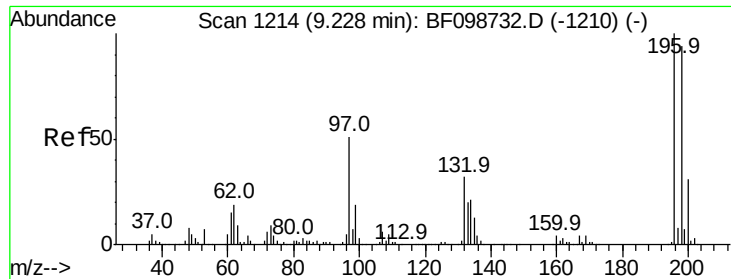
#42
 2,4,6-Trichlorophenol
 Concen: 20.620 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	29.3	24.5	36.7



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

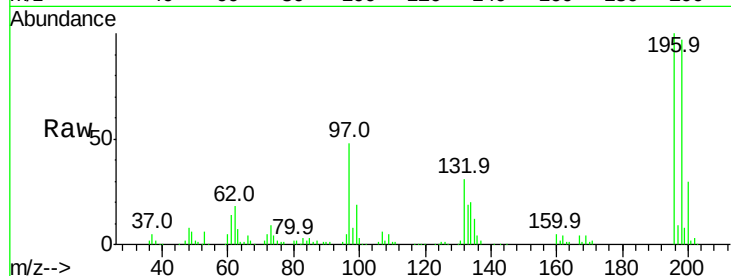




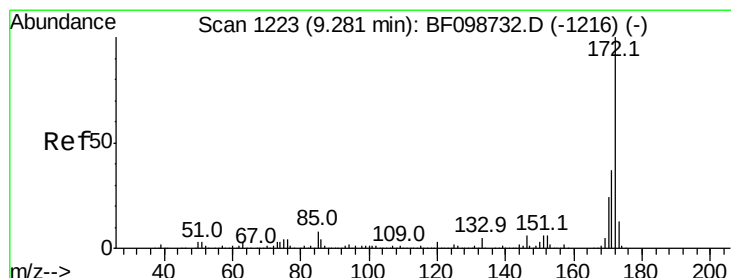
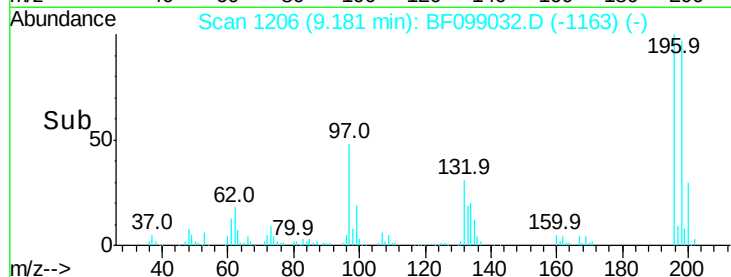
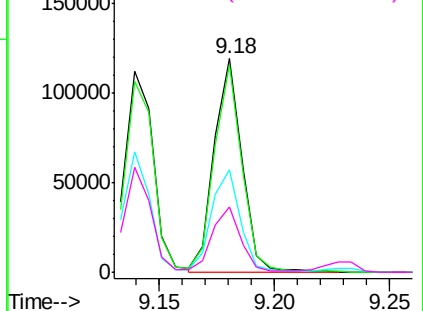
#43
 2,4,5-Trichlorophenol
 Concen: 21.305 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion:196 Resp: 99770
 Ion Ratio Lower Upper
 196 100
 198 96.9 74.6 112.0
 97 47.8 42.9 64.3
 132 30.5 26.3 39.5

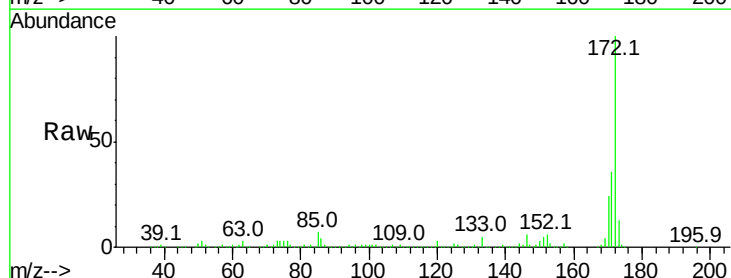


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

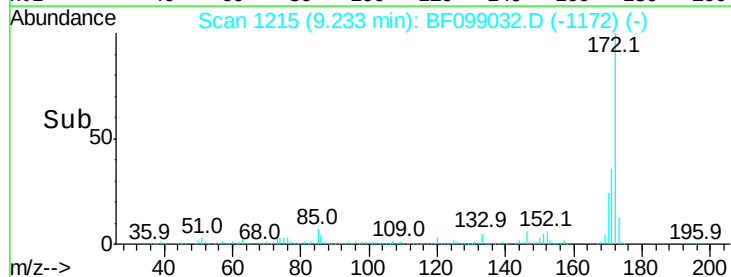
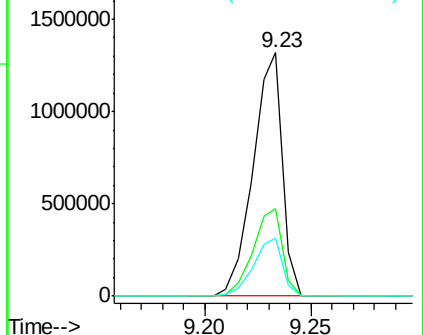


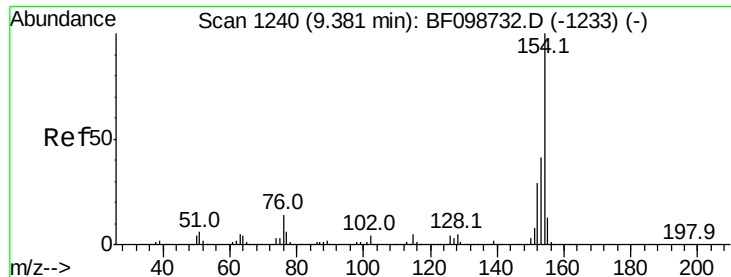
#44
 2-Fluorobiphenyl
 Concen: 95.282 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:172 Resp: 1267274
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 23.8 19.6 29.4



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

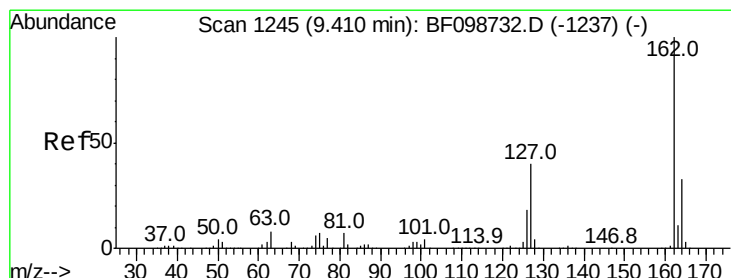
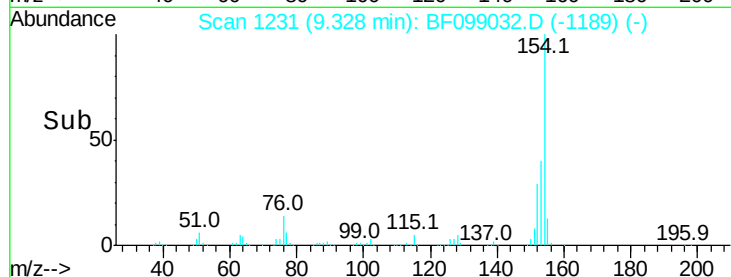
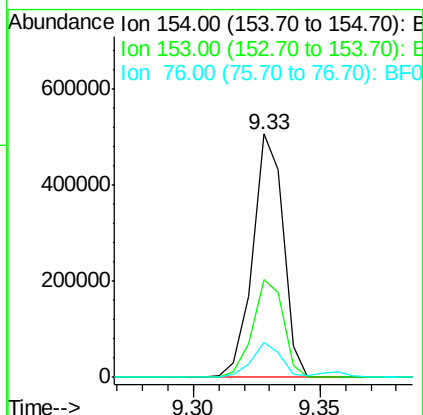
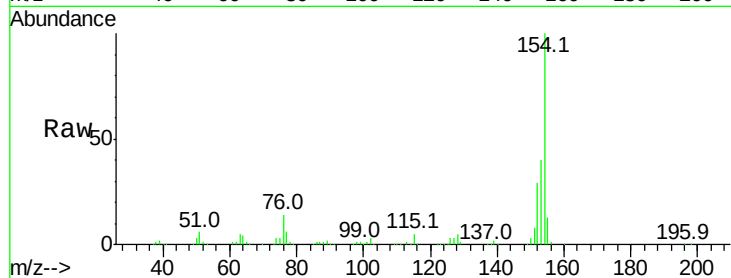




#45
 1,1'-Biphenyl
 Concen: 22.379 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

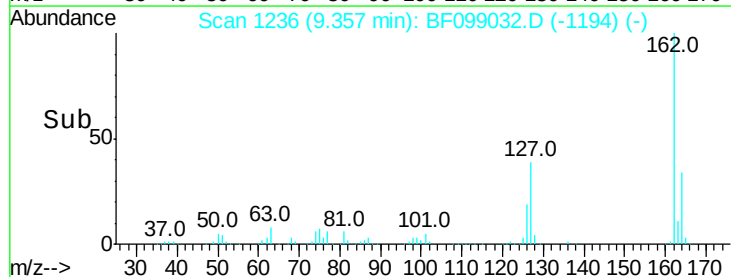
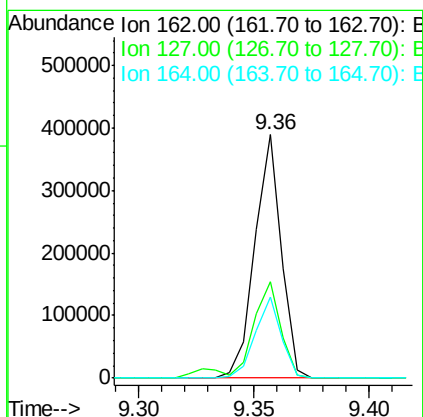
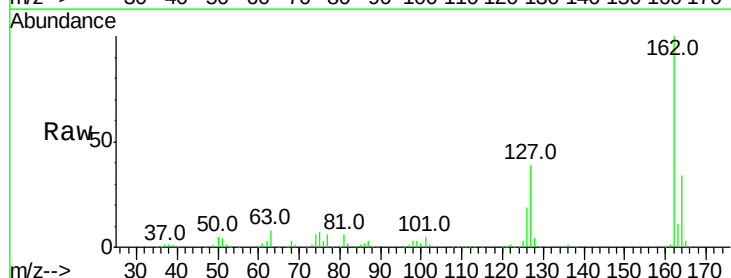
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

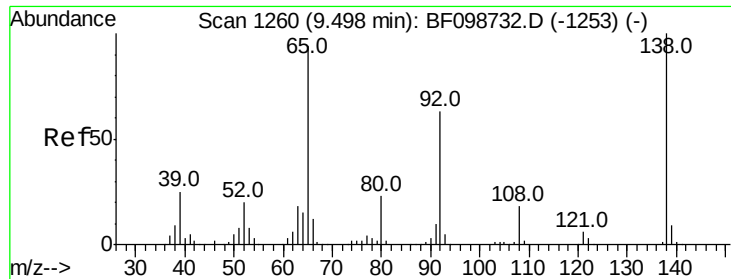
Tot Ion:154 Resp: 427060
 Ion Ratio Lower Upper
 154 100
 153 40.2 21.3 61.3
 76 14.1 0.0 34.0



#46
 2-Chloronaphthalene
 Concen: 21.829 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:162 Resp: 312757
 Ion Ratio Lower Upper
 162 100
 127 39.4 33.9 50.9
 164 33.5 26.5 39.7





#47

2-Nitroaniline

Concen: 21.257 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

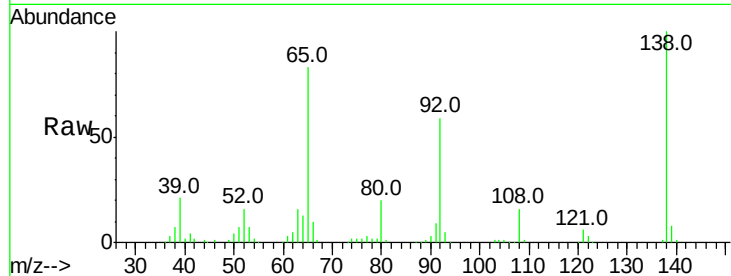
Tot Ion: 65 Resp: 93257

Ion Ratio Lower Upper

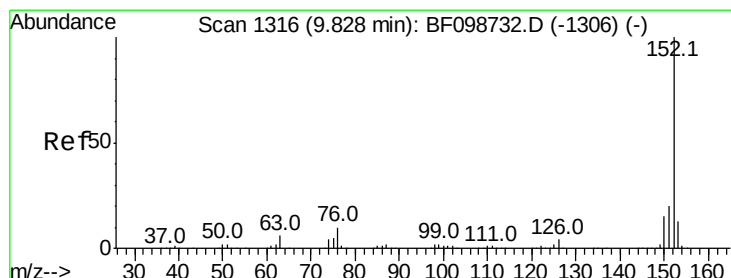
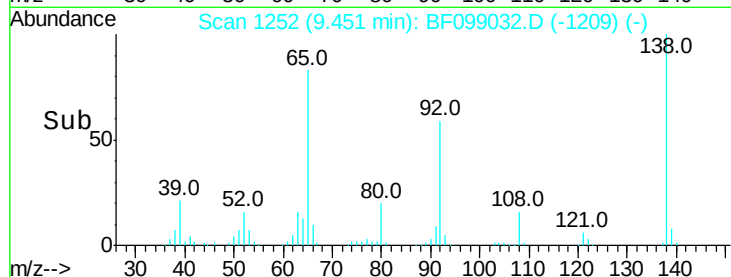
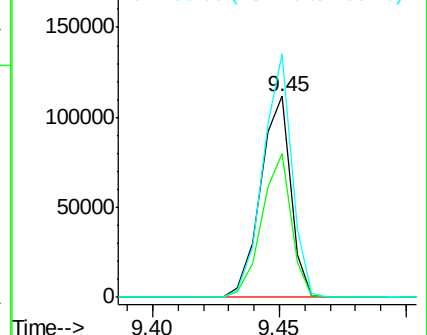
65 100

92 71.4 55.8 83.6

138 121.0 91.2 136.8



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: 22.135 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

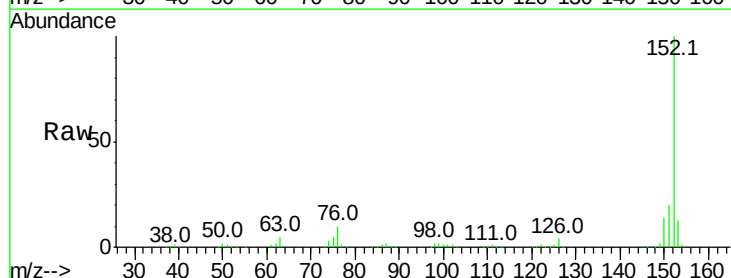
Tgt Ion:152 Resp: 485496

Ion Ratio Lower Upper

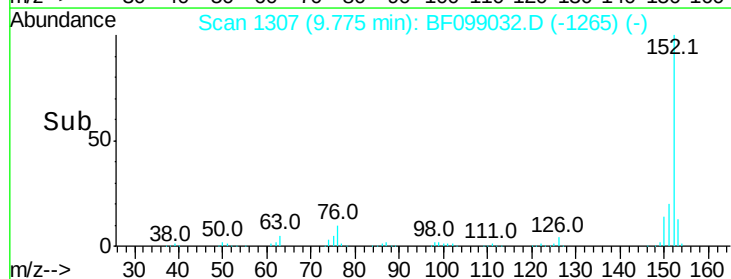
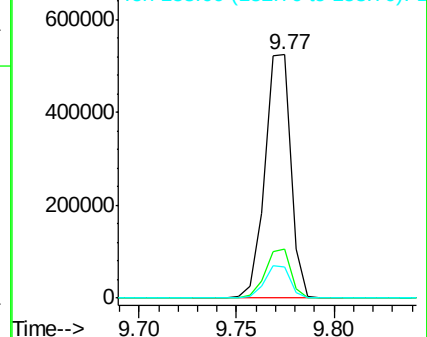
152 100

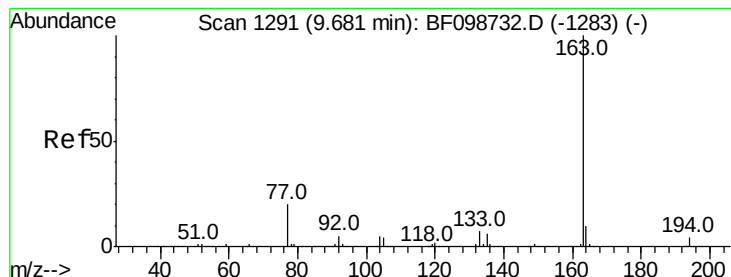
151 20.1 16.3 24.5

153 12.7 10.7 16.1



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: 21.634 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

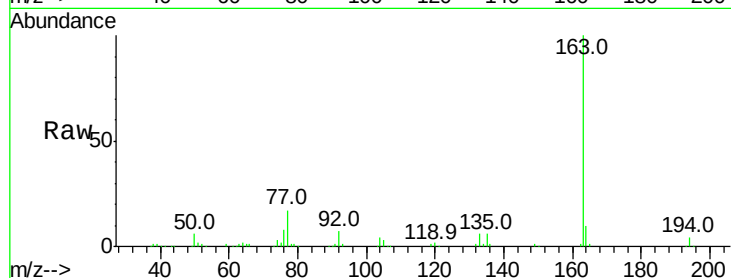
Tot Ion:163 Resp: 362547

Ion Ratio Lower Upper

163 100

194 3.5 2.7 4.1

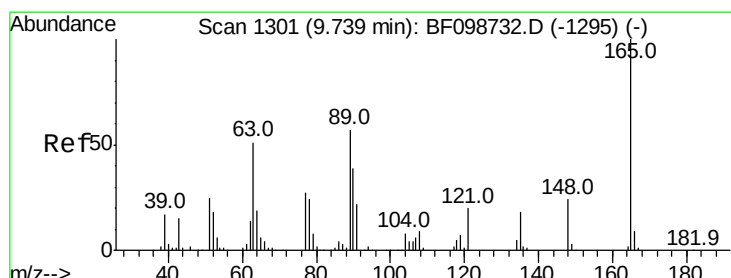
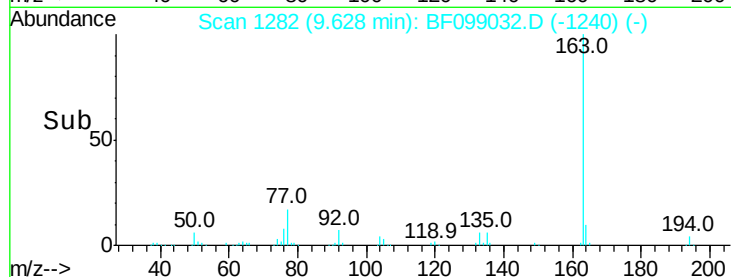
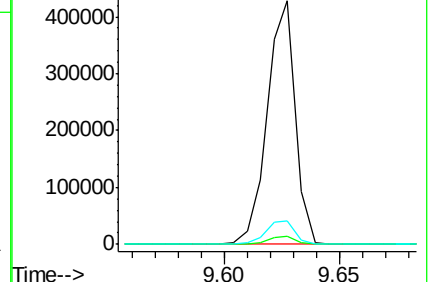
164 9.6 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 21.859 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

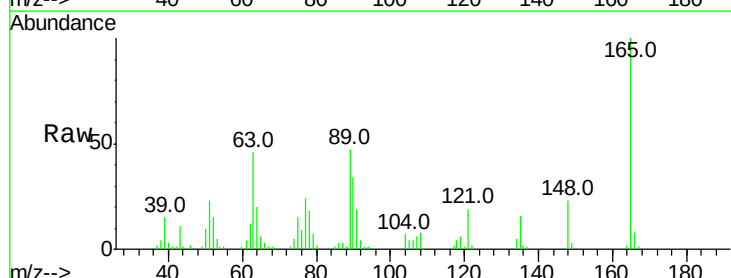
Tgt Ion:165 Resp: 79751

Ion Ratio Lower Upper

165 100

63 45.8 44.7 67.1

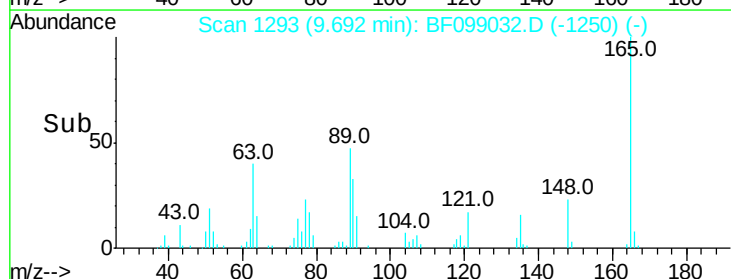
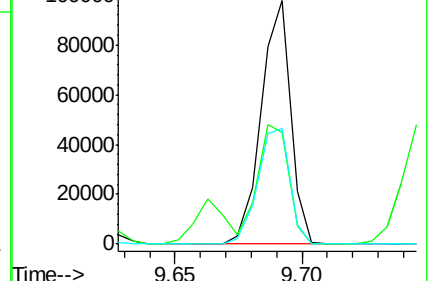
89 47.4 44.0 66.0

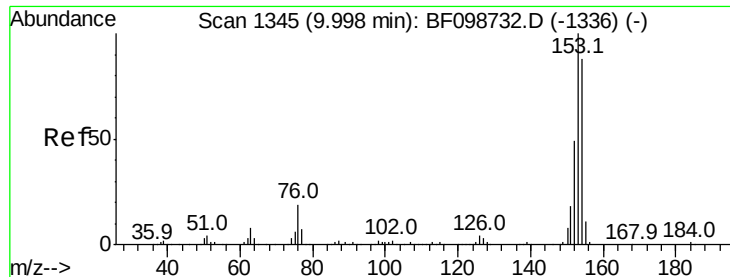


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 21.666 ng

RT: 9.95 min Scan# 1336

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

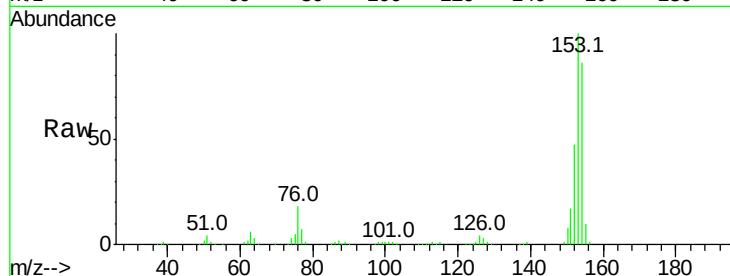
Tot Ion:154 Resp: 301022

Ion Ratio Lower Upper

154 100

153 115.7 91.2 136.8

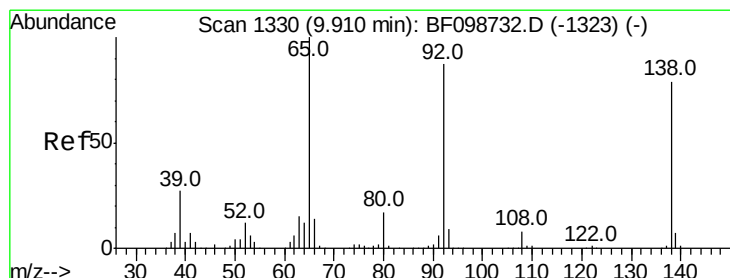
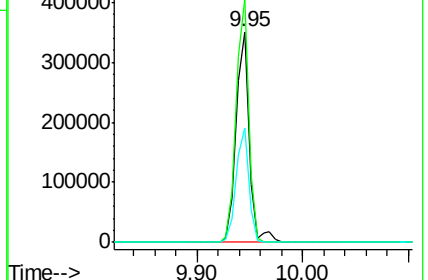
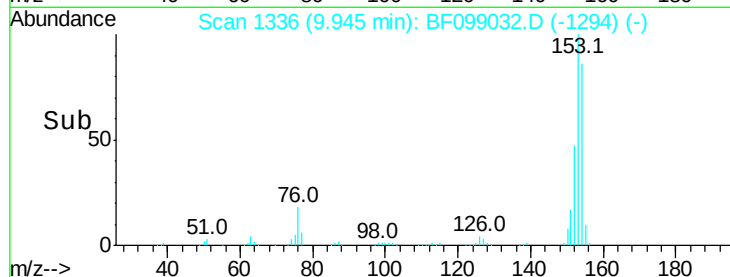
152 54.1 43.8 65.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 21.504 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

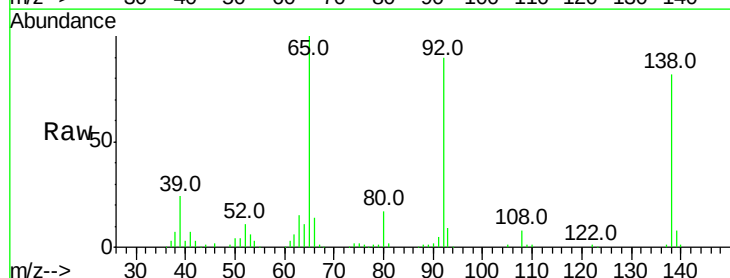
Tgt Ion:138 Resp: 91478

Ion Ratio Lower Upper

138 100

108 9.9 9.4 14.0

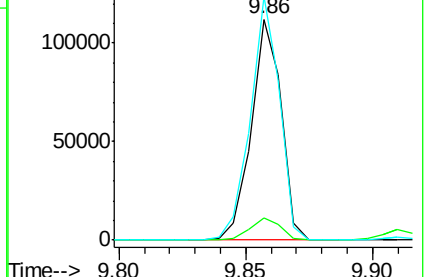
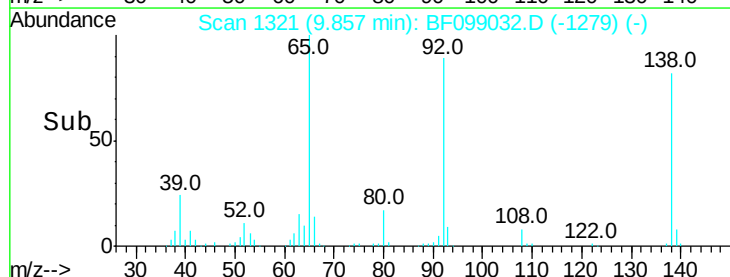
92 110.3 89.4 134.2

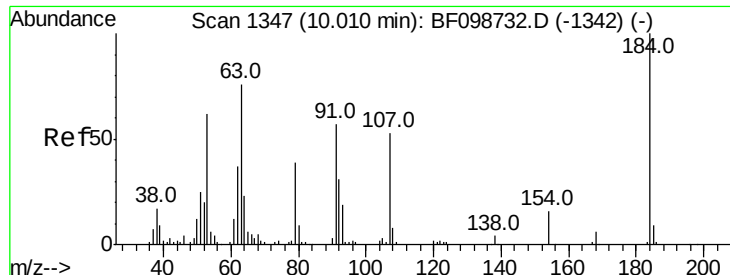


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

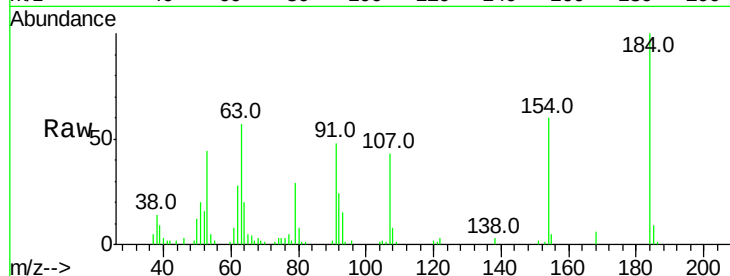




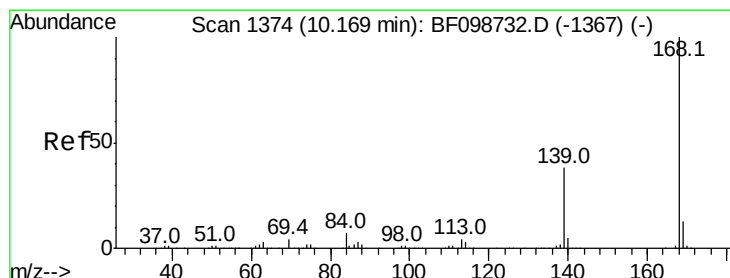
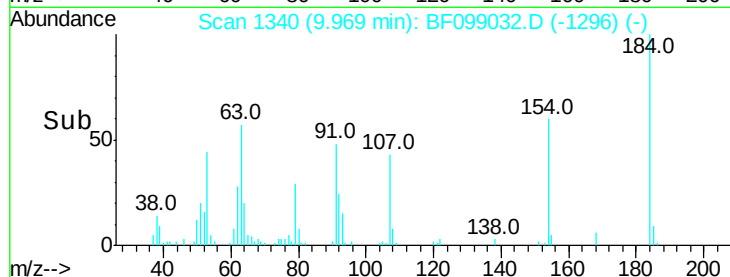
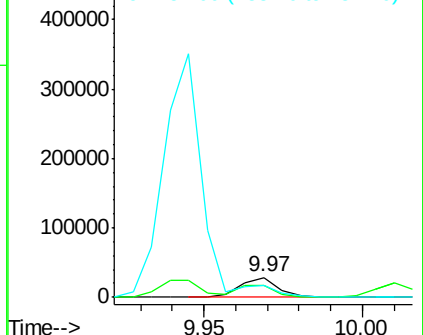
#53
2,4-Dinitrophenol
Concen: 17.545 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.04 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

Tot Ion:184 Resp: 24005
Ion Ratio Lower Upper
184 100
63 57.0 54.2 81.2
154 59.7 53.5 80.3

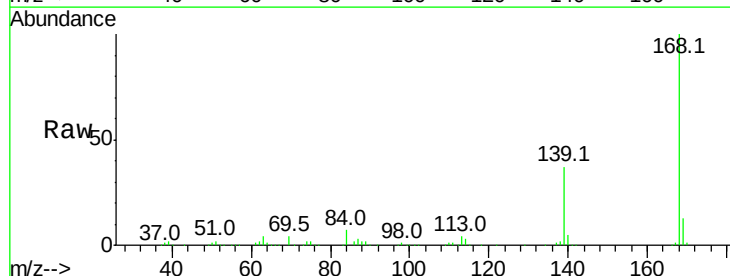


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

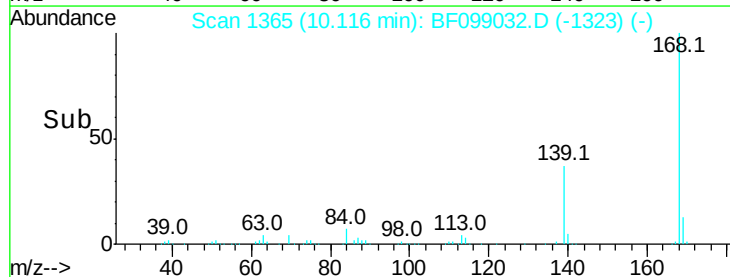
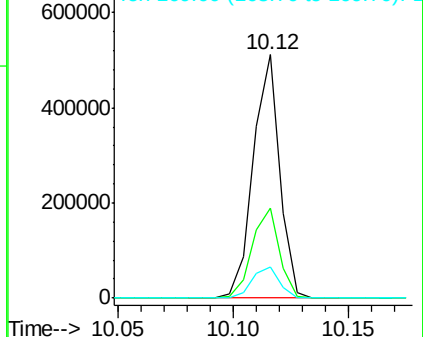


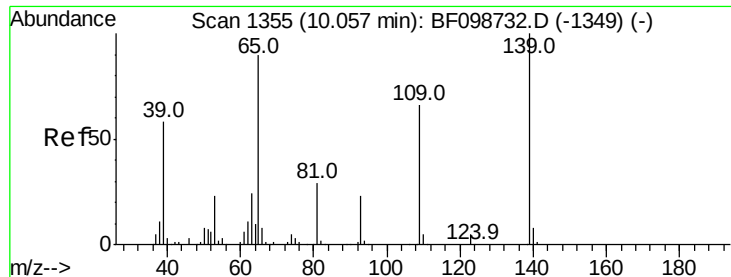
#54
Dibenzofuran
Concen: 22.171 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:168 Resp: 410136
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 12.9 10.9 16.3



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





#55

4-Nitrophenol

Concen: 18.709 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

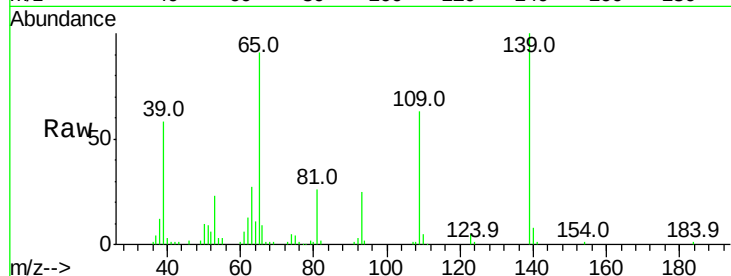
Tot Ion:139 Resp: 67297

Ion Ratio Lower Upper

139 100

109 62.6 48.4 88.4

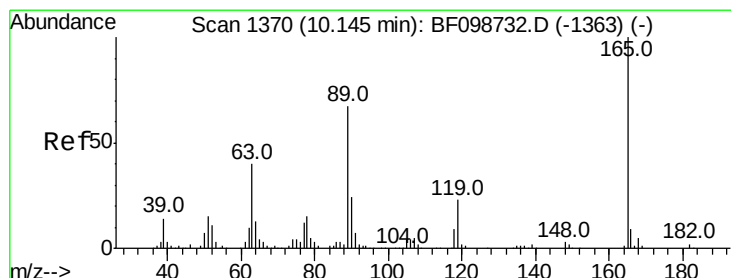
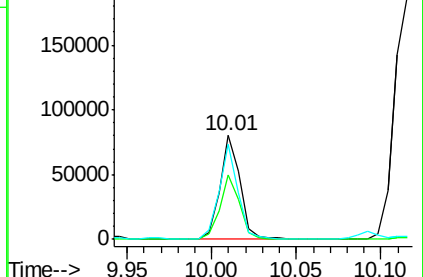
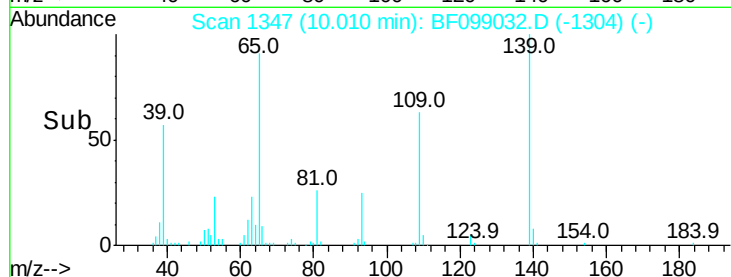
65 91.4 72.6 112.6



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 22.307 ng

RT: 10.09 min Scan# 1361

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Tgt Ion:165 Resp: 105622

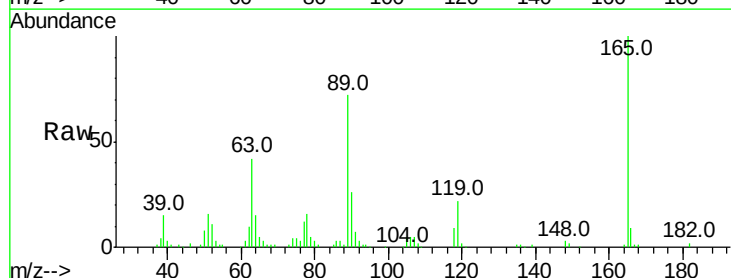
Ion Ratio Lower Upper

165 100

63 41.7 36.4 54.6

89 71.9 57.8 86.6

182 2.2 1.6 2.4

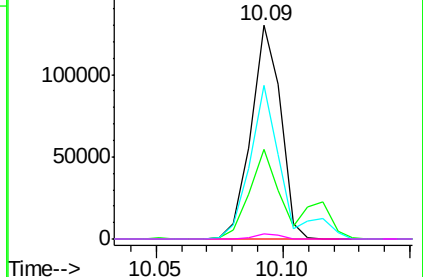
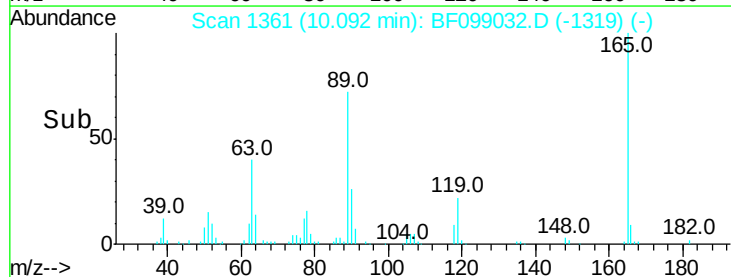


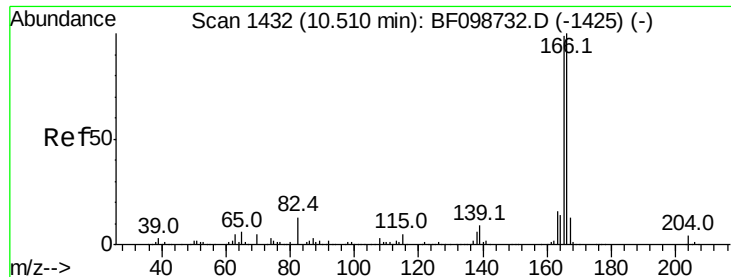
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

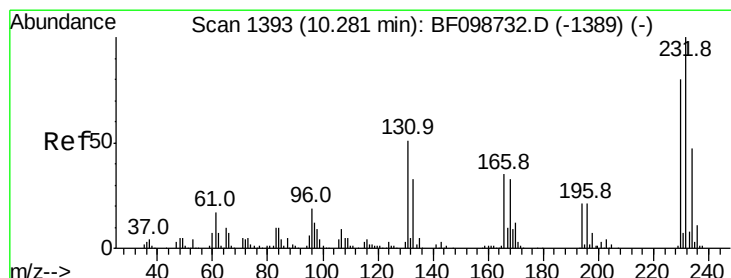
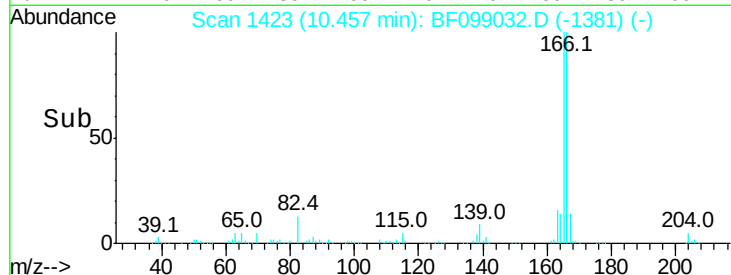
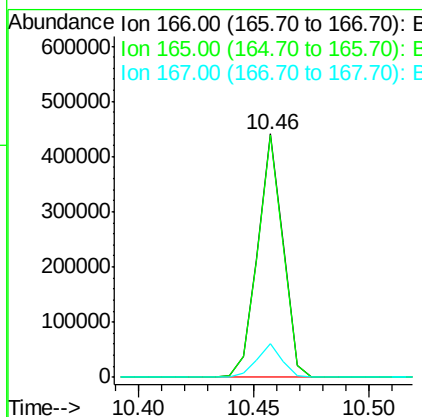
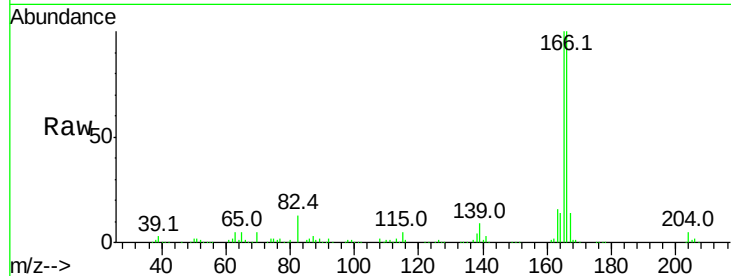




#57
Fluorene
 Concen: 22.825 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

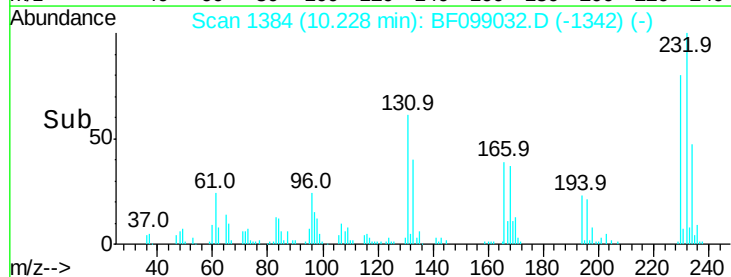
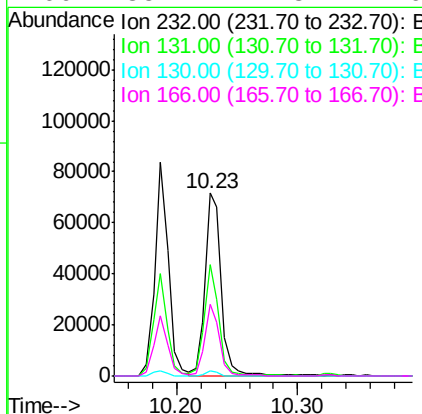
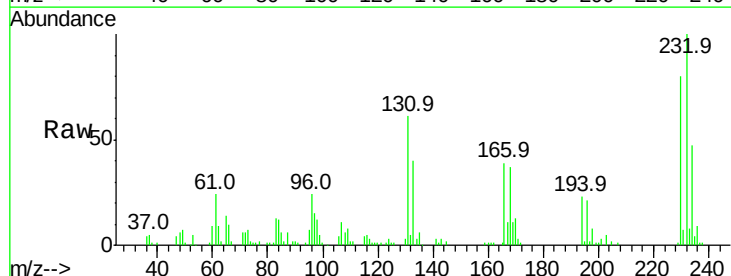
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

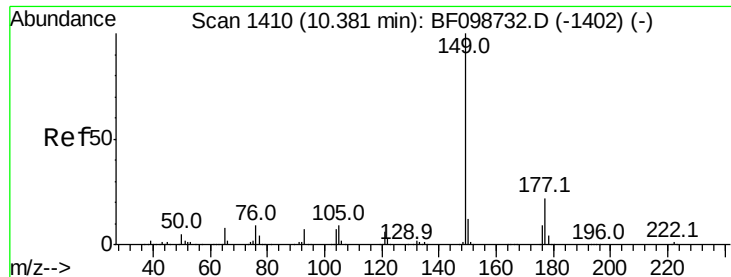
Tot Ion	Ratio	Lower	Upper
166	100		
165	99.8	79.8	119.8
167	13.6	10.6	16.0



#58
2,3,4,6-Tetrachlorophenol
 Concen: 20.754 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	55.6	43.8	65.8
130	2.5	2.1	3.1
166	35.4	27.8	41.6

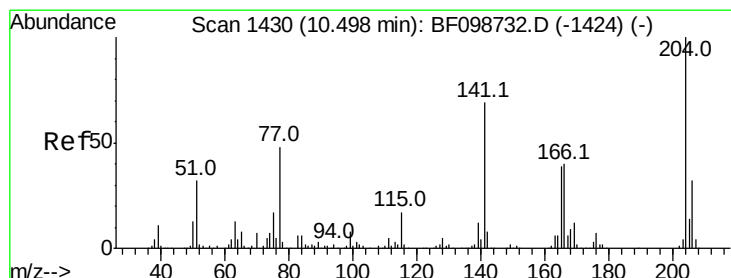
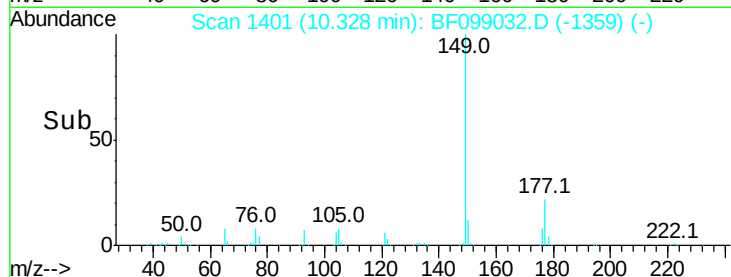
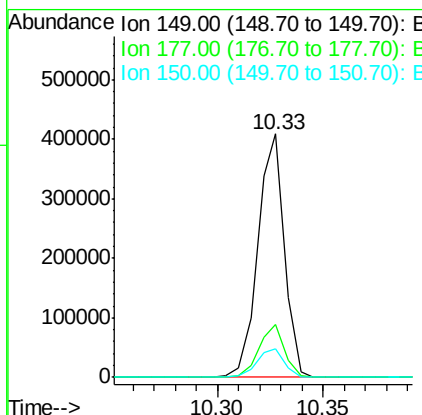
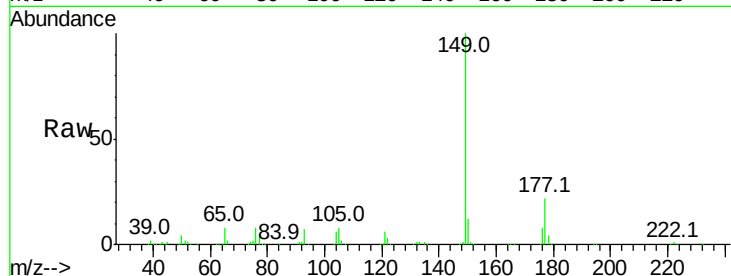




#59
Diethylphthalate
Concen: 21.726 ng
RT: 10.33 min Scan# 1401
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

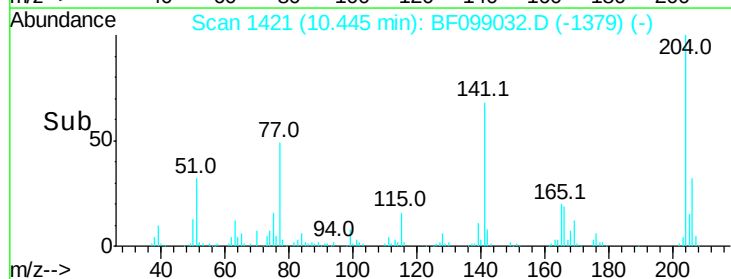
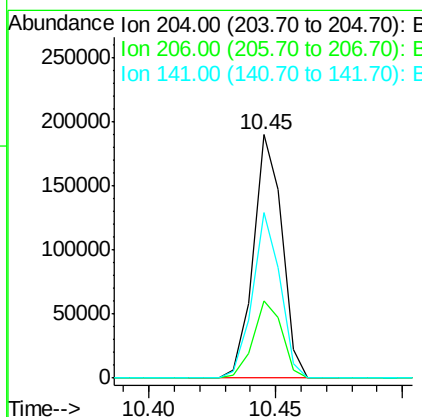
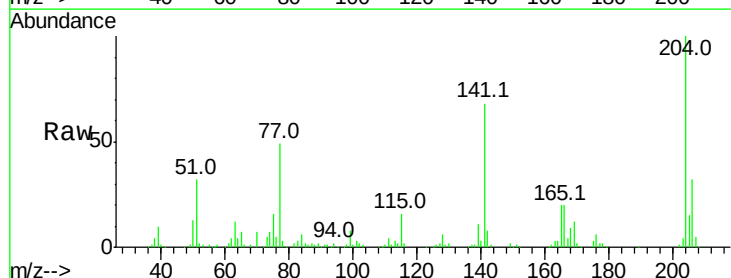
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

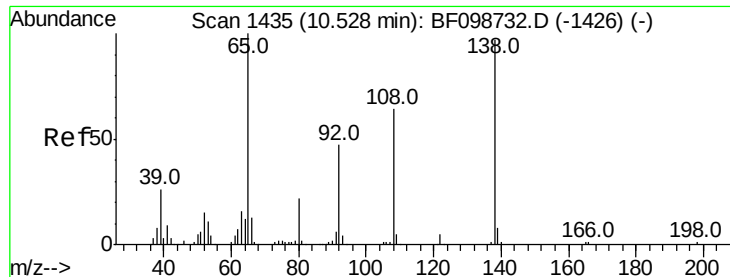
Tot Ion:149 Resp: 355762
Ion Ratio Lower Upper
149 100
177 21.6 16.1 24.1
150 12.0 10.1 15.1



#60
4-Chlorophenyl-phenylether
Concen: 22.400 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:204 Resp: 149611
Ion Ratio Lower Upper
204 100
206 31.6 26.5 39.7
141 68.1 54.6 81.8

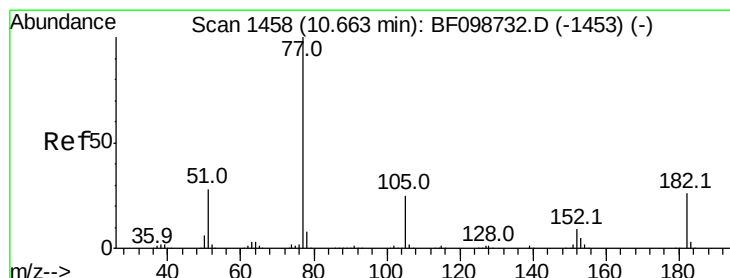
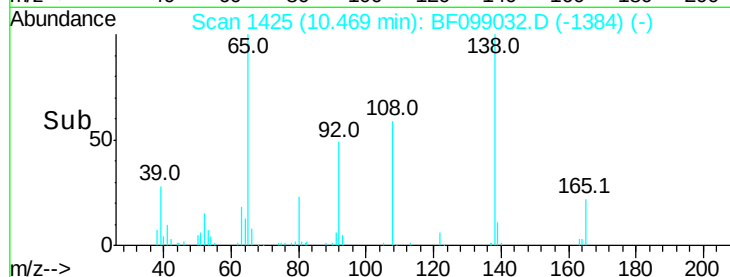
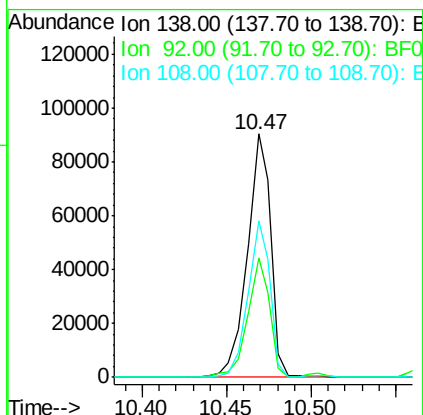
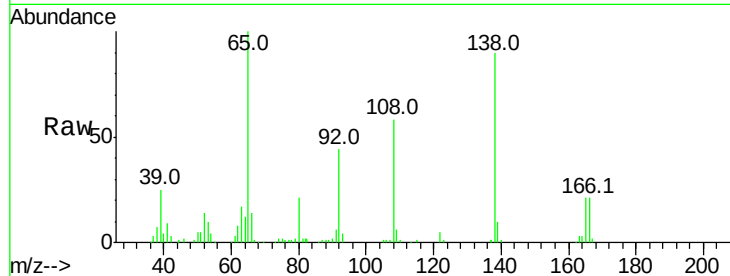




#61
4-Nitroaniline
Concen: 21.424 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.06 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

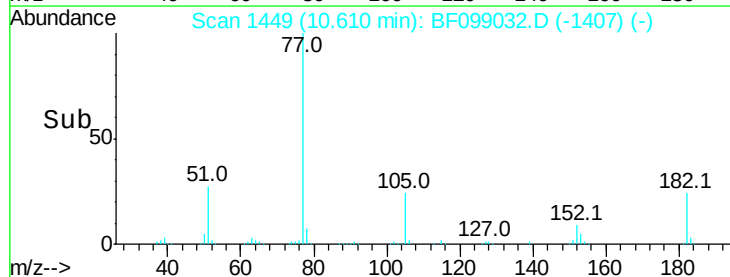
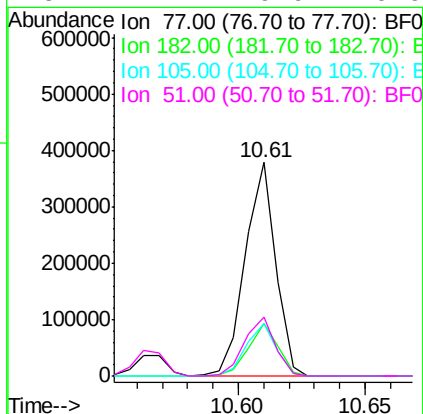
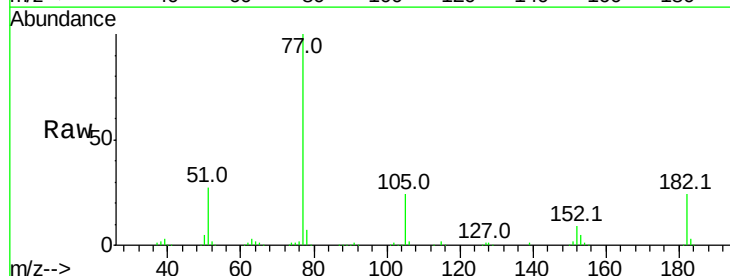
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

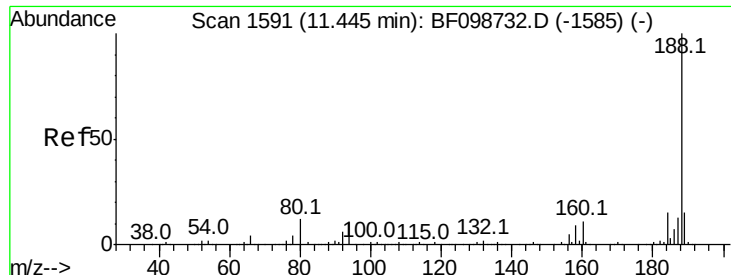
Tot Ion:138 Resp: 87928
Ion Ratio Lower Upper
138 100
92 48.8 30.2 70.2
108 64.5 52.5 92.5



#62
Azobenzene
Concen: 21.075 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.05 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion: 77 Resp: 317310
Ion Ratio Lower Upper
77 100
182 24.3 1.7 41.7
105 24.4 3.0 43.0
51 27.4 9.9 49.9

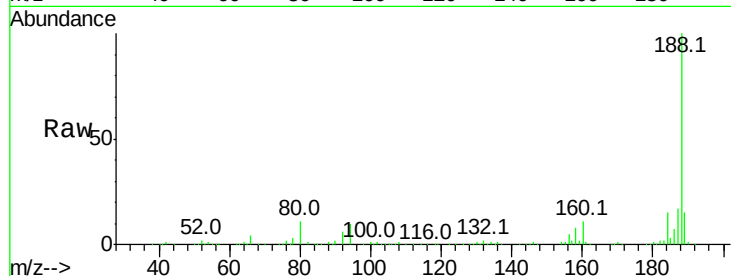




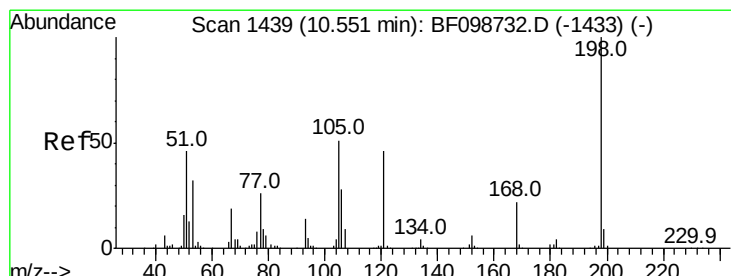
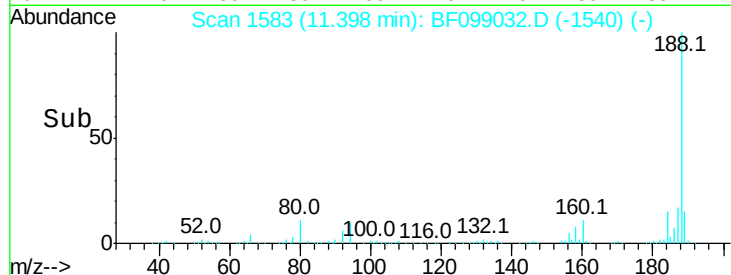
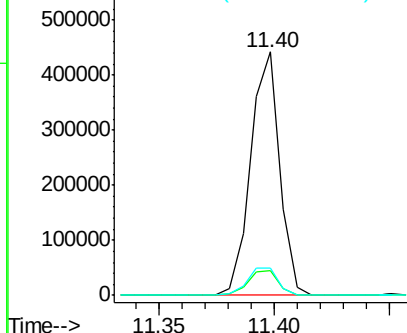
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.5	12.7
80	11.0	9.2	13.8

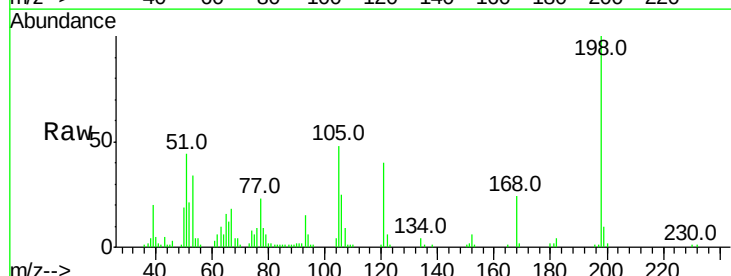


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

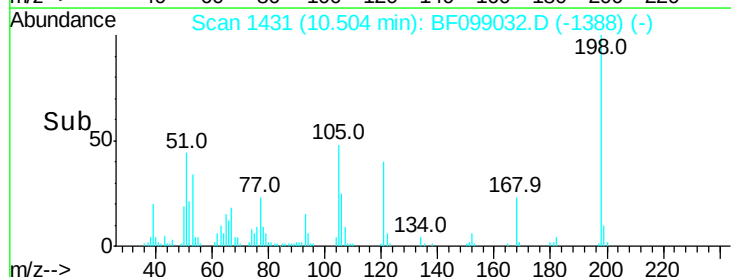
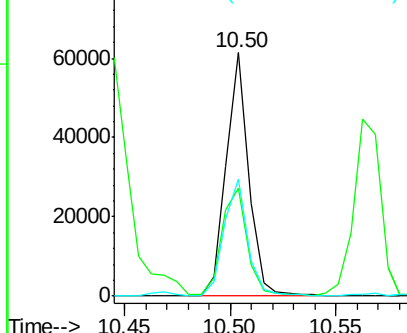


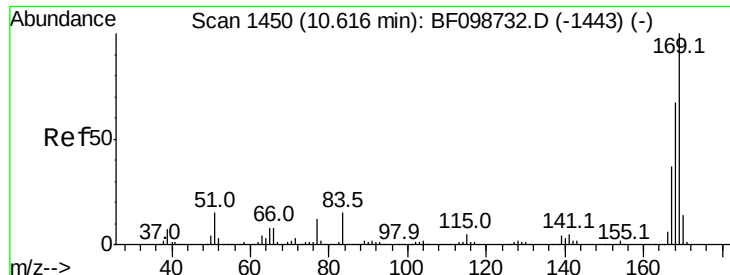
#64
 4,6-Dinitro-2-methylphenol
 Concen: 19.145 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.4	37.7	77.7
105	47.9	36.3	76.3



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

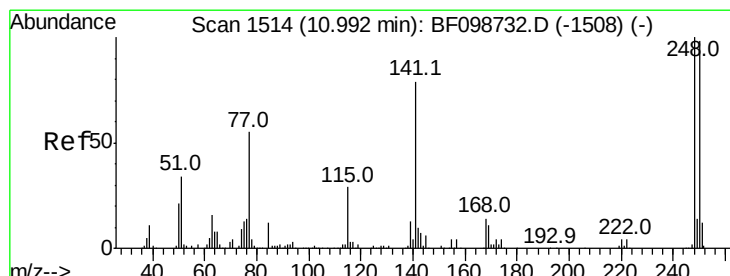
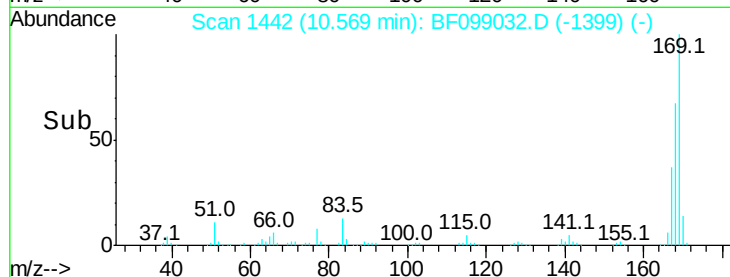
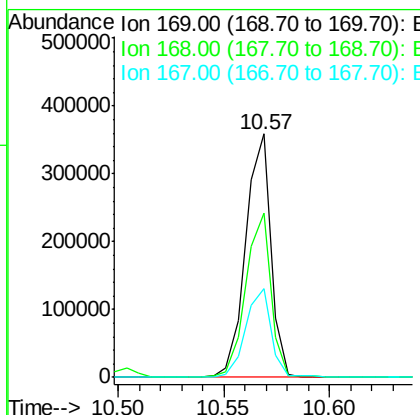
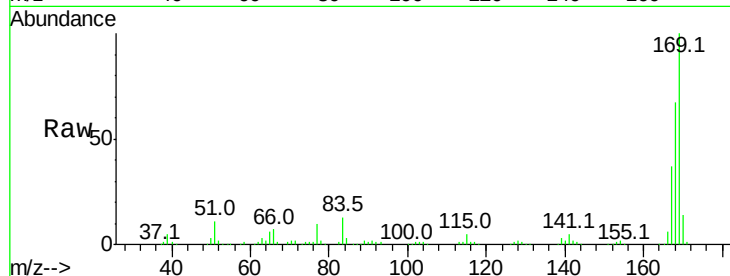




#65
 n-Nitrosodiphenylamine
 Concen: 22.070 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

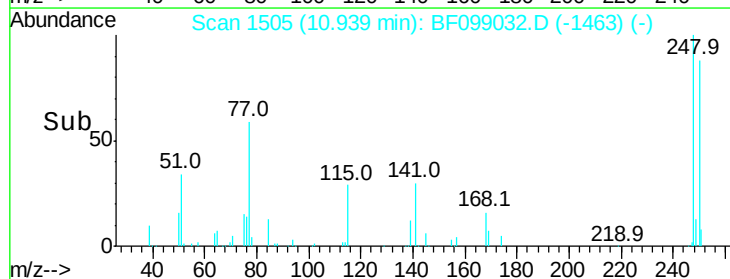
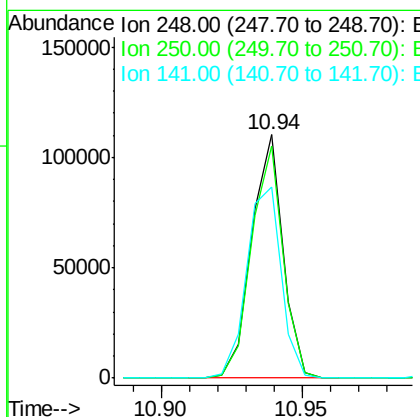
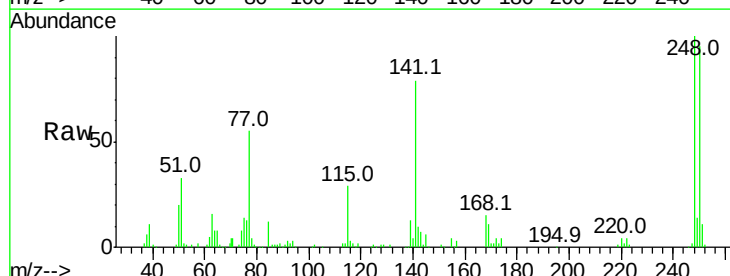
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

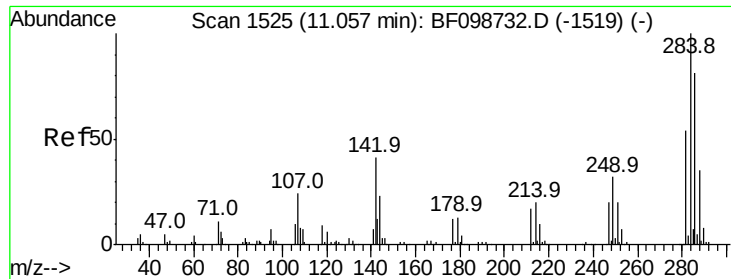
Tot Ion	Ratio	Lower	Upper
169	100		
168	67.2	54.4	81.6
167	36.5	29.8	44.6



#66
 4-Bromophenyl-phenylether
 Concen: 22.290 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	76.9	115.3
141	78.7	74.4	111.6

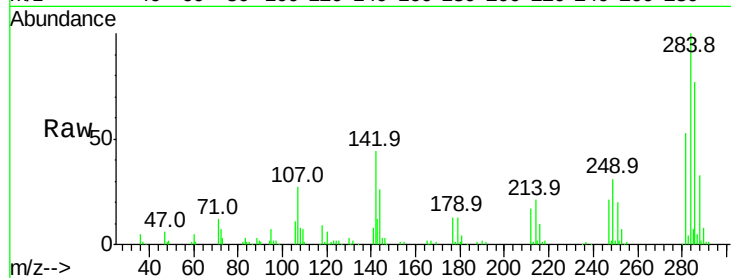




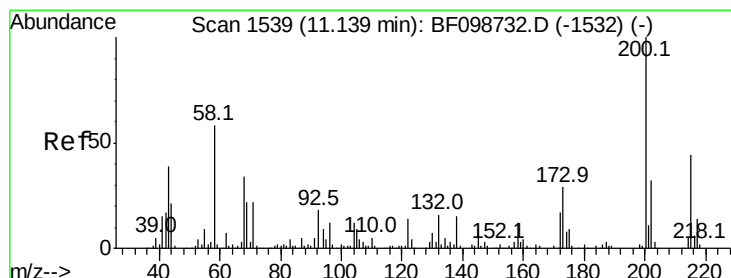
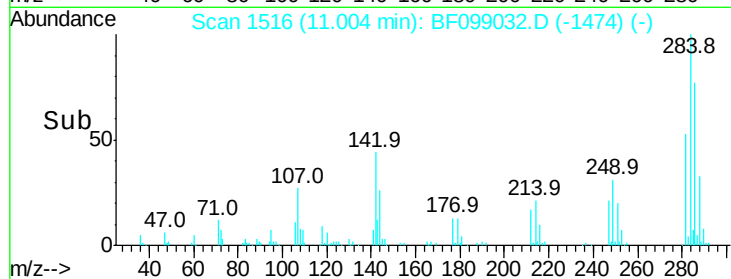
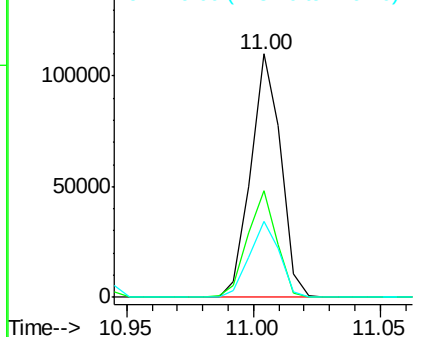
#67
 Hexachlorobenzene
 Concen: 22.294 ng
 RT: 11.00 min Scan# 1516
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

Tot Ion	Ratio	Lower	Upper
284	100		
142	44.0	34.6	52.0
249	31.0	24.8	37.2

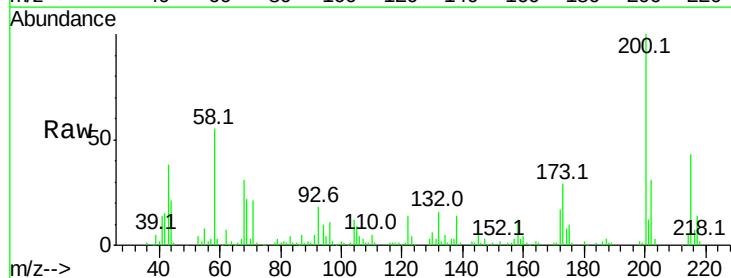


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

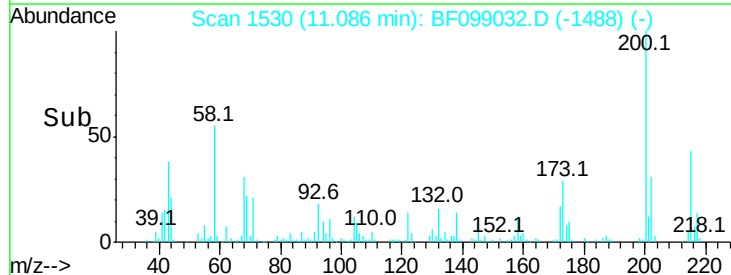
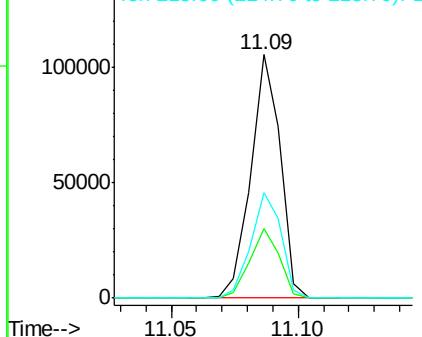


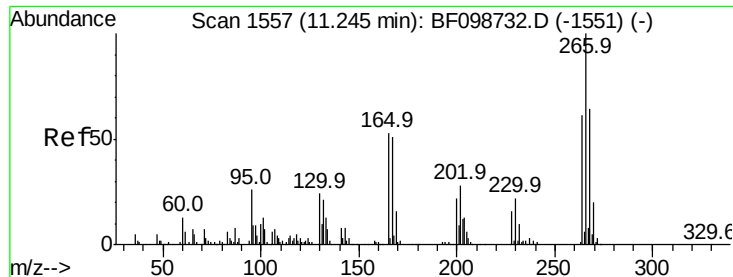
#68
 Atrazine
 Concen: 21.011 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.8	8.6	48.6
215	43.3	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

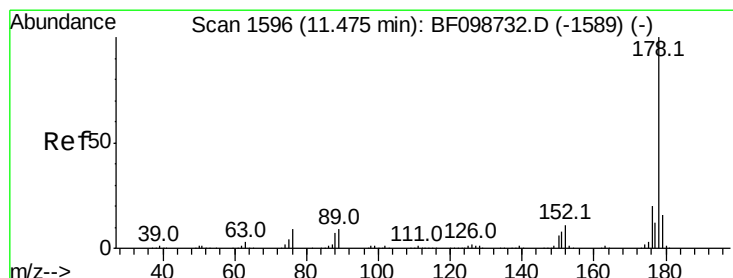
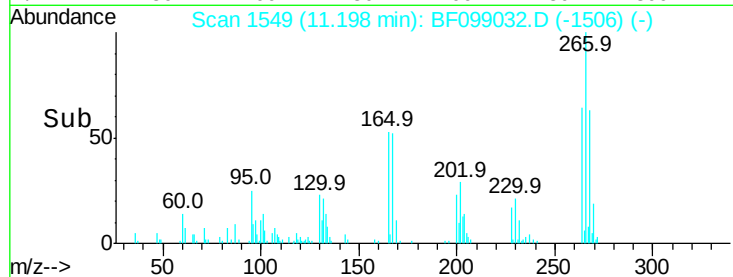
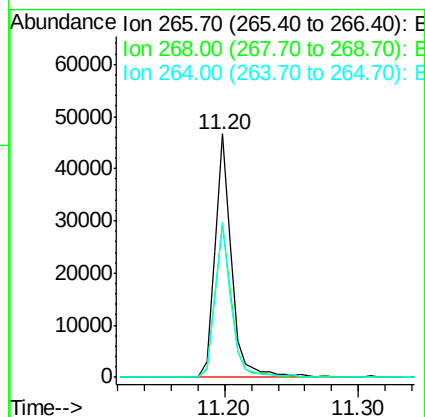
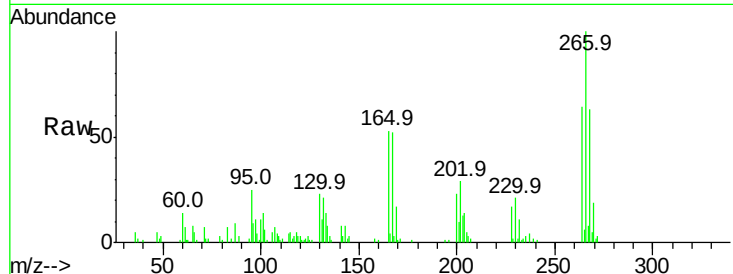




#69
 Pentachlorophenol
 Concen: 16.147 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

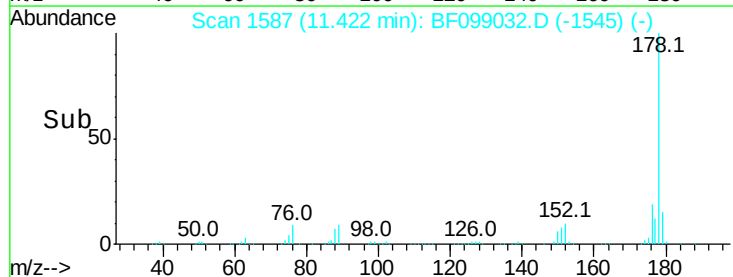
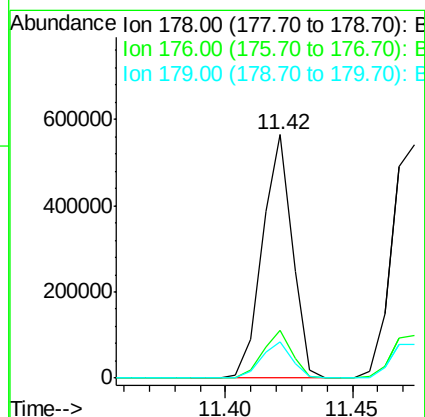
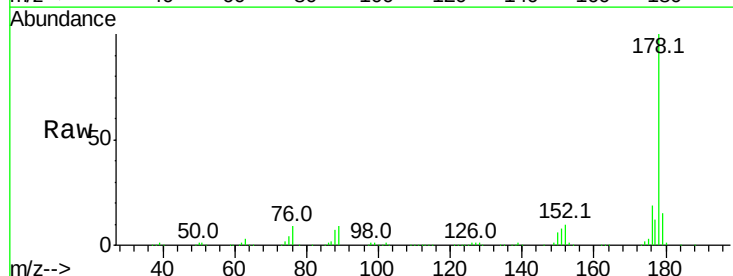
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

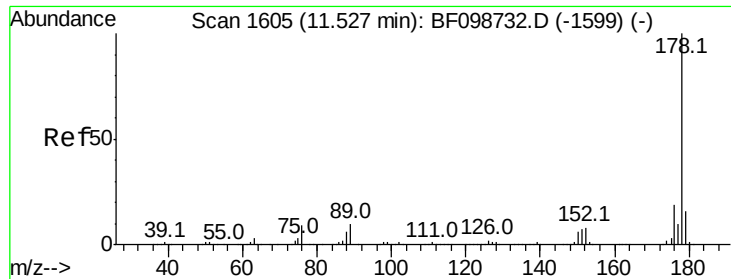
Tot Ion:266 Resp: 40801
 Ion Ratio Lower Upper
 266 100
 268 62.7 51.1 76.7
 264 63.6 49.5 74.3



#70
 Phenanthrene
 Concen: 22.359 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:178 Resp: 464795
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.1 13.0 19.6

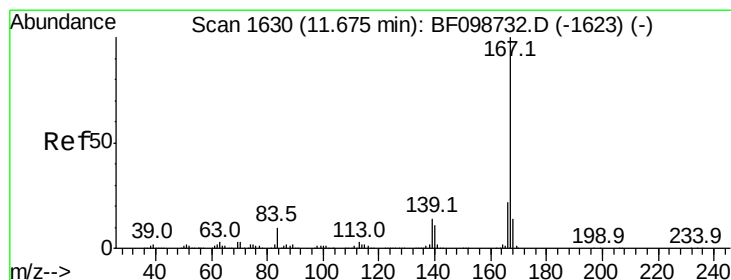
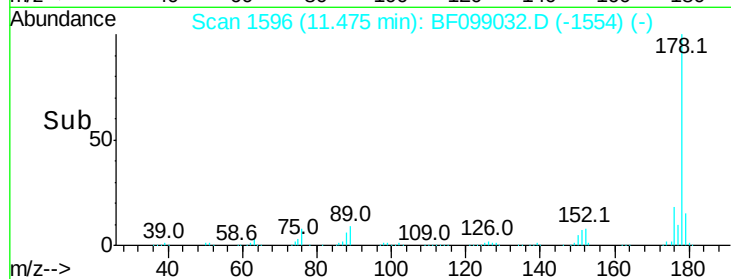
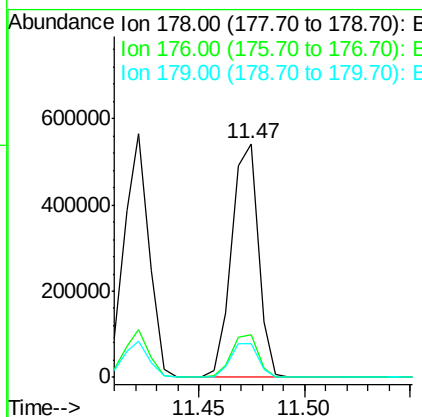
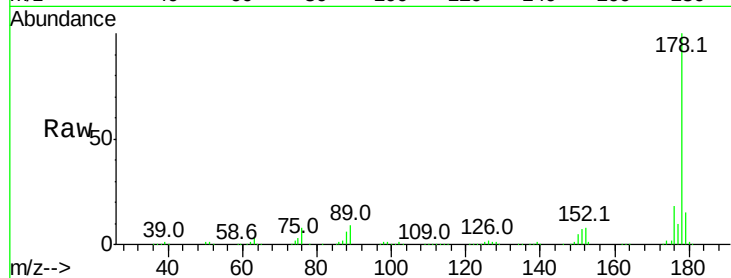




#71
 Anthracene
 Concen: 22.176 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

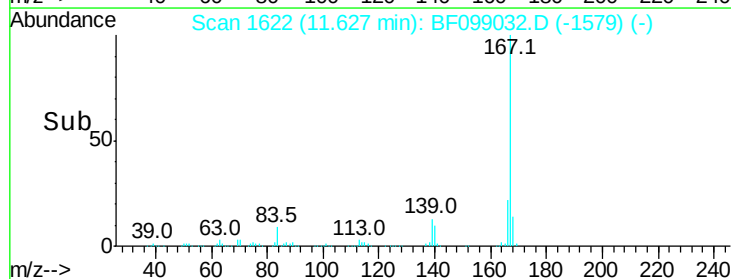
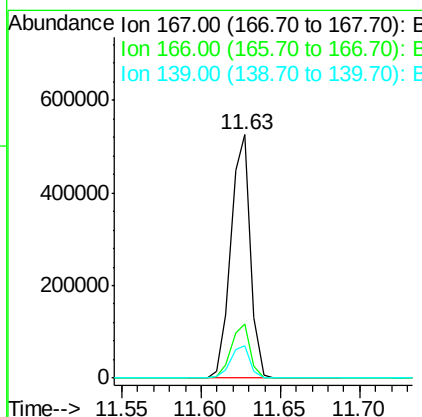
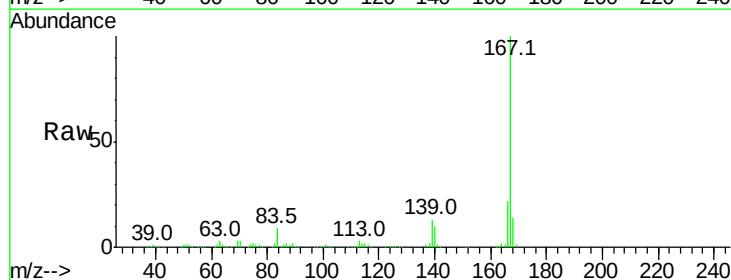
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

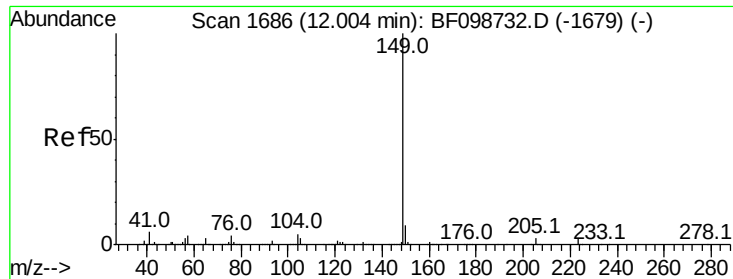
Tot Ion:178 Resp: 471684
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.4 23.2
 179 14.7 12.6 19.0



#72
 Carbazole
 Concen: 21.515 ng
 RT: 11.63 min Scan# 1622
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:167 Resp: 448136
 Ion Ratio Lower Upper
 167 100
 166 22.4 17.6 26.4
 139 13.1 10.9 16.3





#73

Di-n-butylphthalate

Concen: 21.872 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

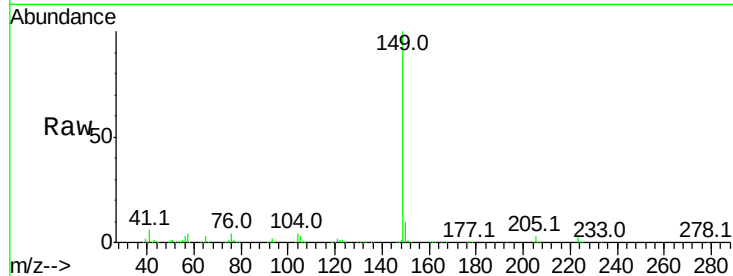
Tot Ion:149 Resp: 548360

Ion Ratio Lower Upper

149 100

150 9.6 7.8 11.6

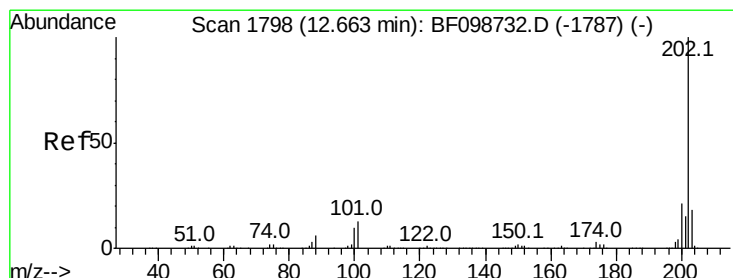
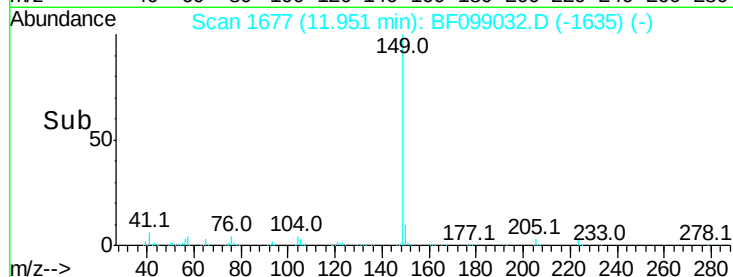
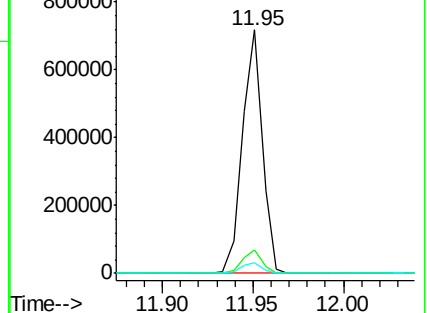
104 4.3 3.8 5.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 21.532 ng

RT: 12.61 min Scan# 1789

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

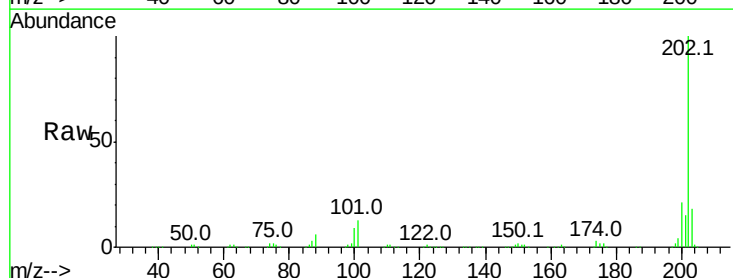
Tgt Ion:202 Resp: 453255

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.1

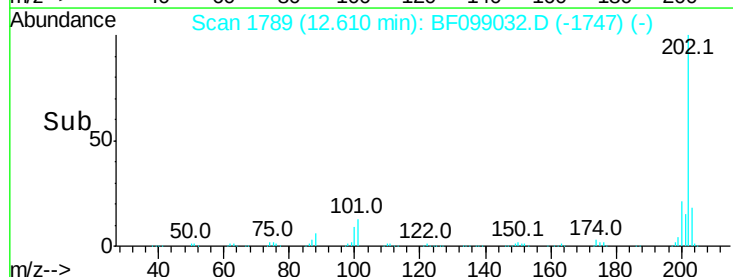
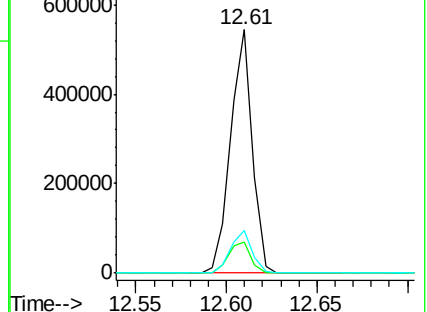
203 17.7 0.0 38.1

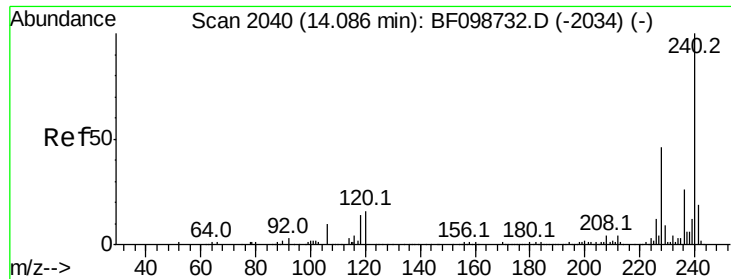


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

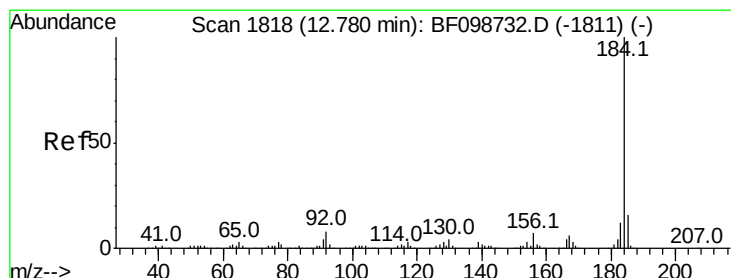
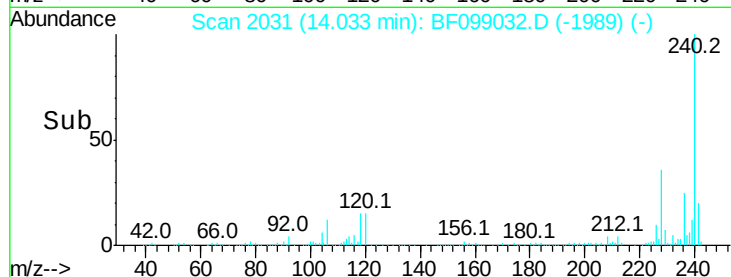
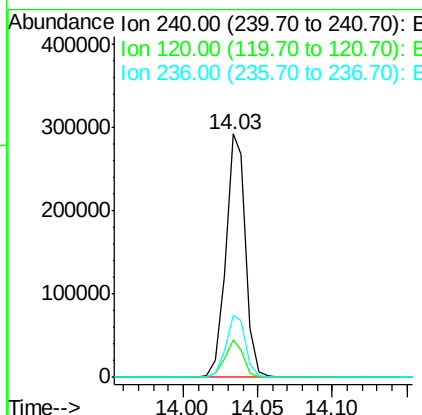
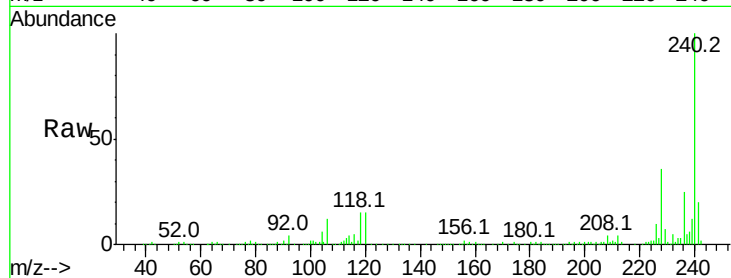




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

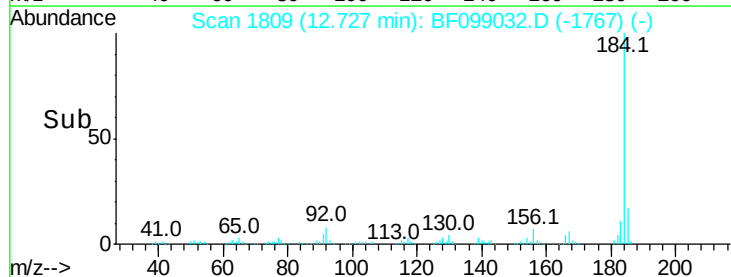
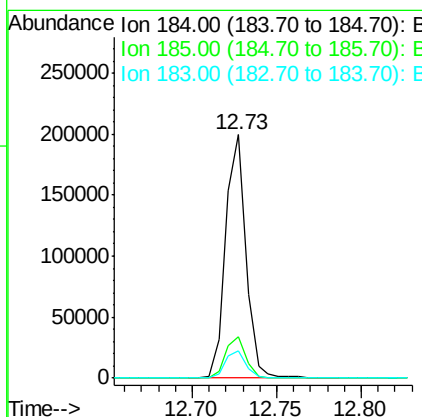
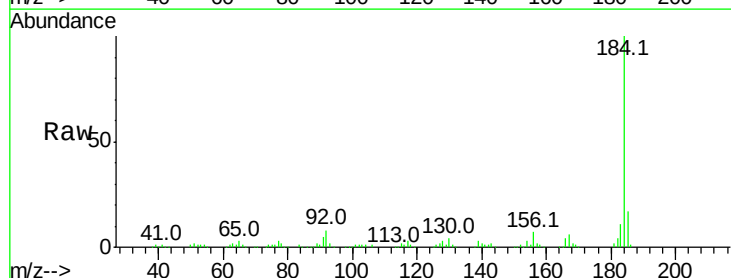
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

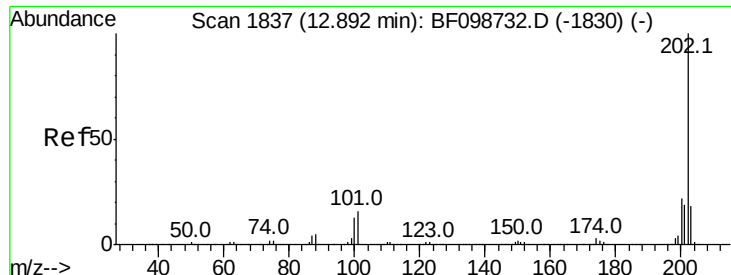
Tot Ion:240 Resp: 272776
 Ion Ratio Lower Upper
 240 100
 120 15.4 9.5 14.3#
 236 25.3 20.7 31.1



#76
 Benzidine
 Concen: 16.635 ng
 RT: 12.73 min Scan# 1809
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion:184 Resp: 167836
 Ion Ratio Lower Upper
 184 100
 185 16.9 12.6 18.8
 183 11.5 9.3 13.9





#77

Pvrene

Concen: 22.401 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

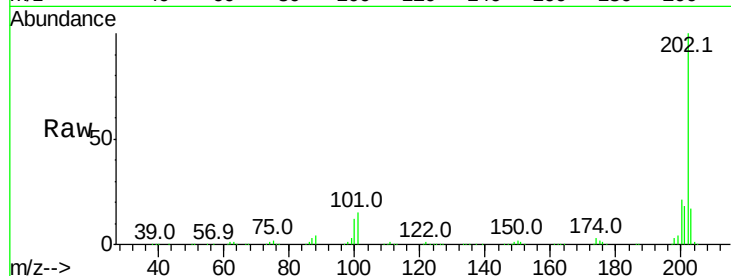
Tot Ion:202 Resp: 465954

Ion Ratio Lower Upper

202 100

200 21.2 17.4 26.2

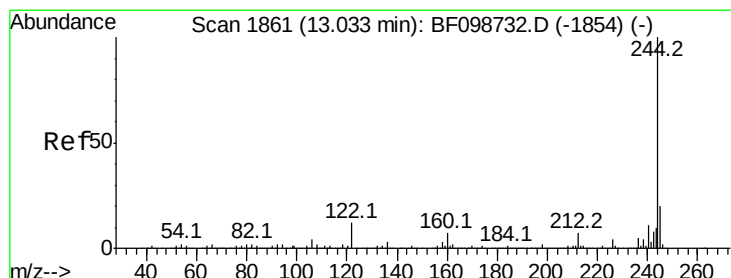
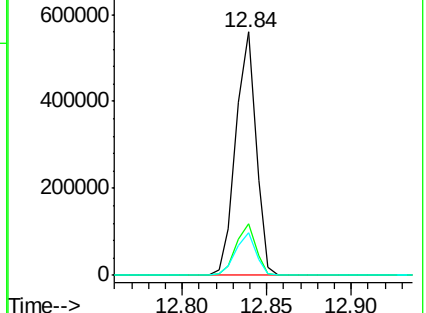
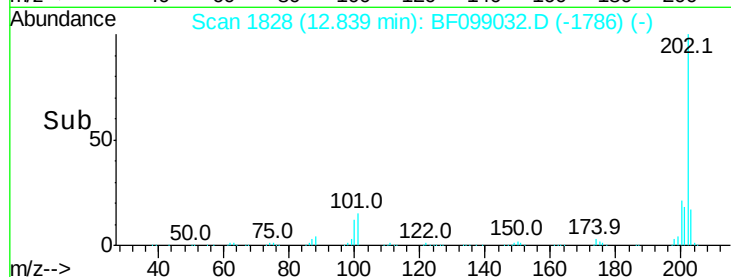
203 17.5 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 89.418 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

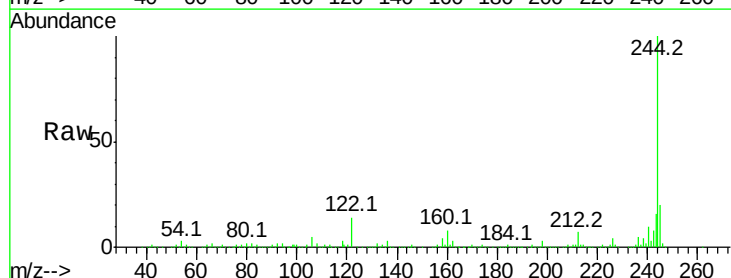
Tgt Ion:244 Resp: 1072513

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

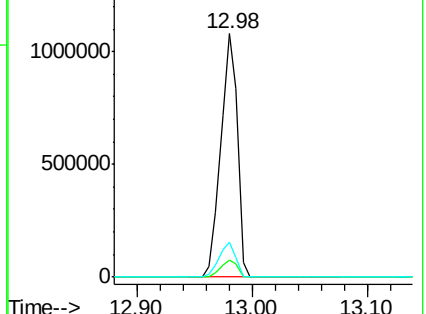
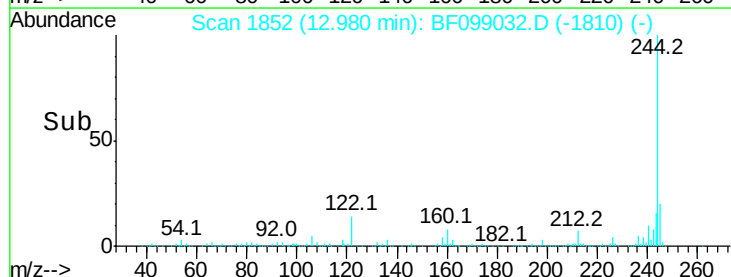
122 14.3 11.0 16.4

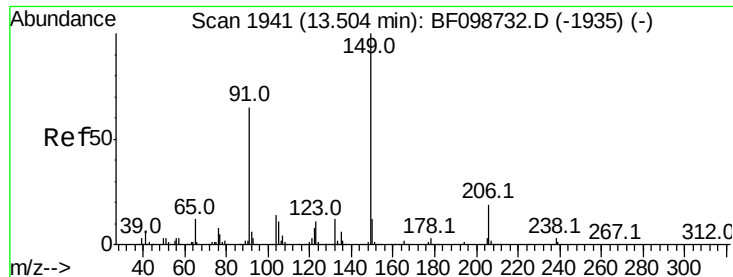


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 21.740 ng

RT: 13.45 min Scan# 1932

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

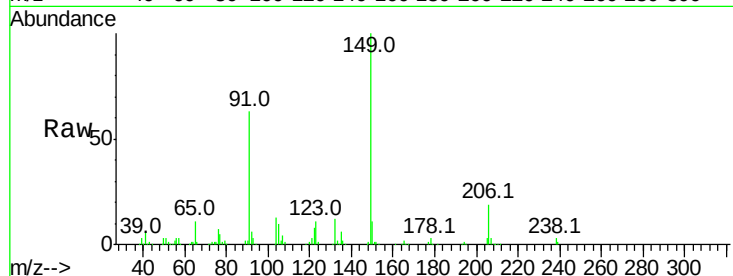
Tot Ion:149 Resp: 212519

Ion Ratio Lower Upper

149 100

91 62.7 56.8 85.2

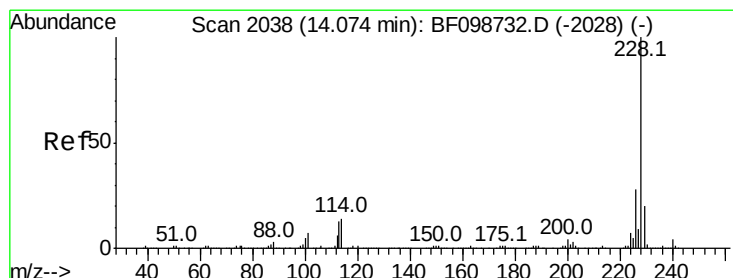
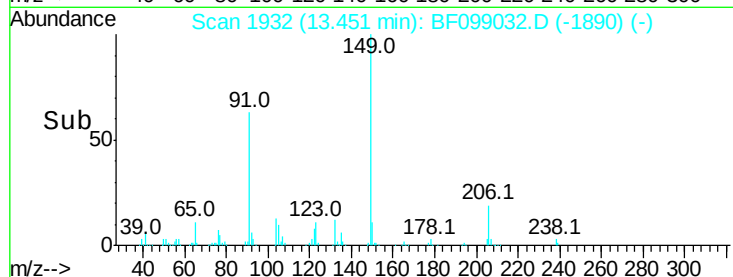
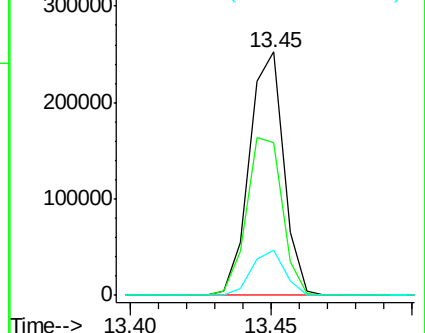
206 18.6 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 21.328 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.05 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

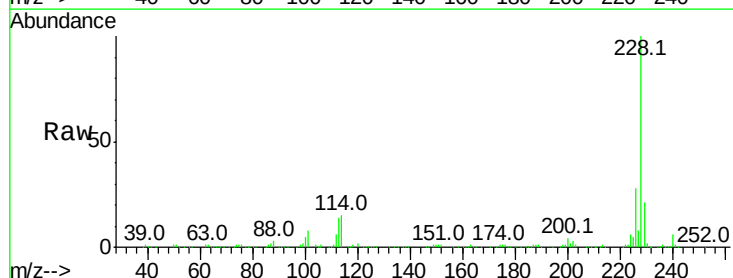
Tgt Ion:228 Resp: 352287

Ion Ratio Lower Upper

228 100

226 27.6 22.6 33.8

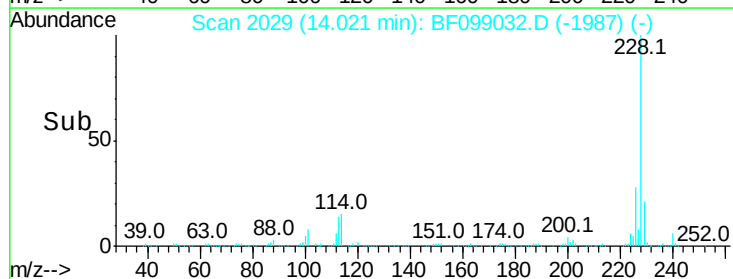
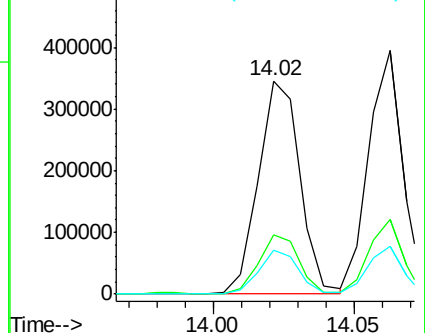
229 20.6 15.8 23.6

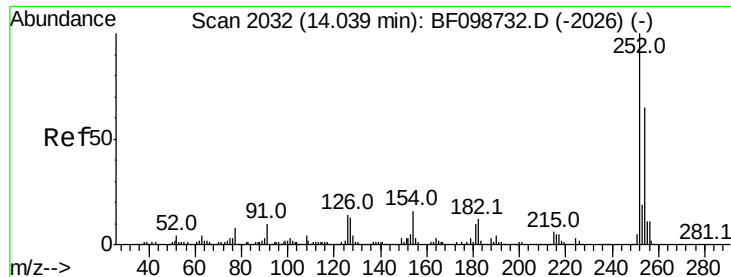


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

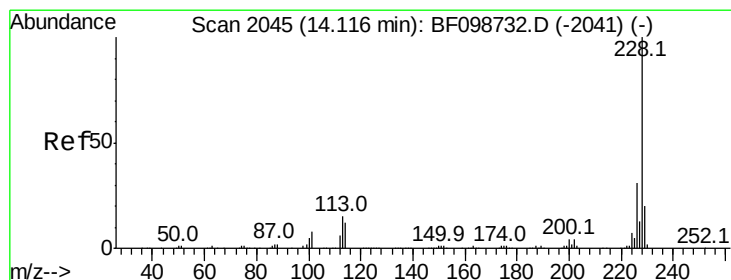
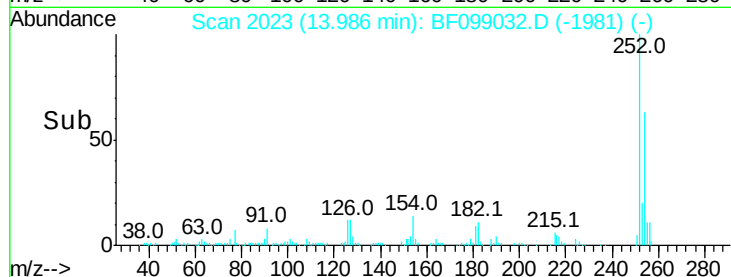
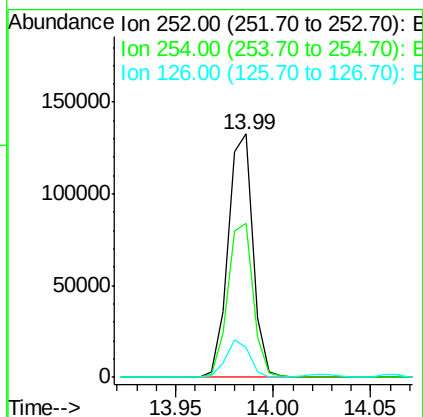
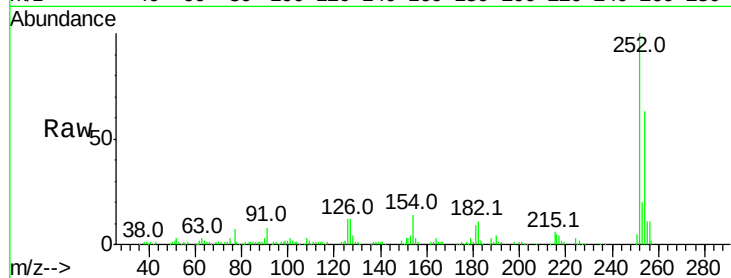




#81
 3,3'-Dichlorobenzidine
 Concen: 19.360 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

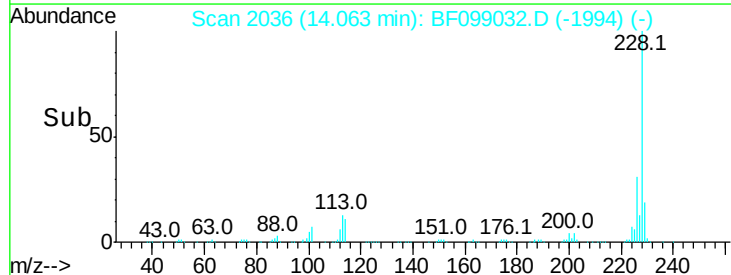
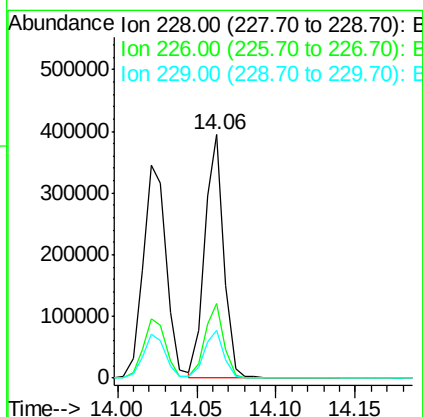
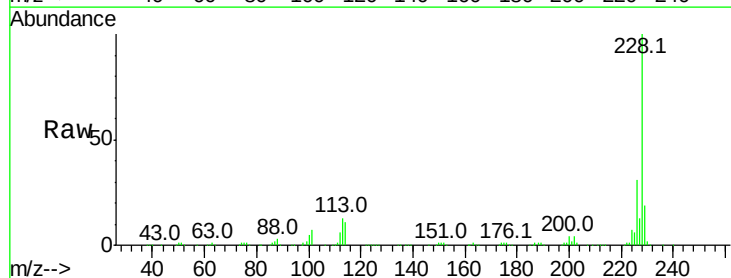
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

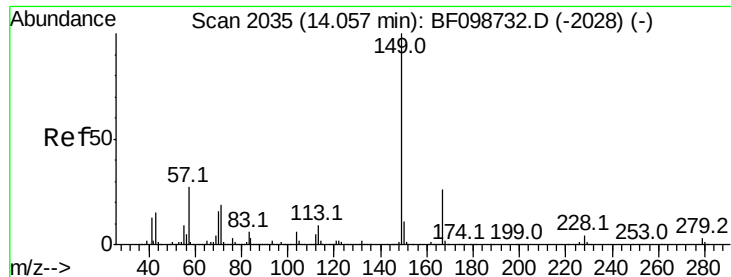
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	50.4	75.6
126	12.0	11.3	16.9



#82
 Chrysene
 Concen: 21.092 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	19.5	16.2	24.4

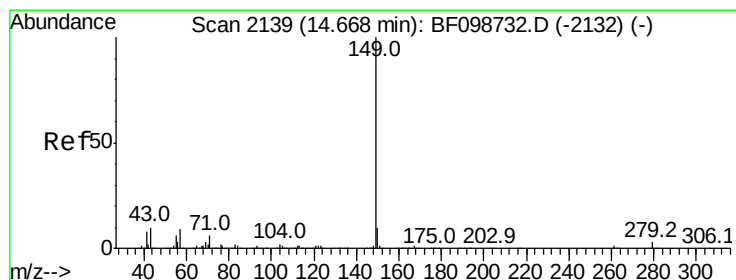
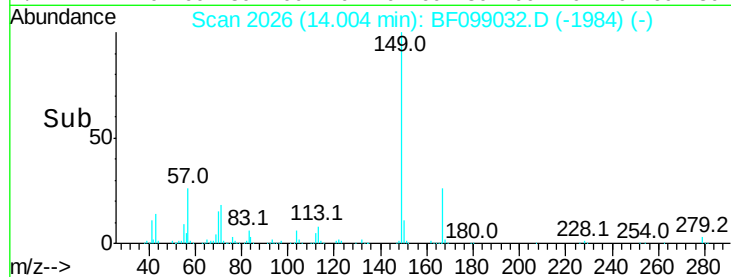
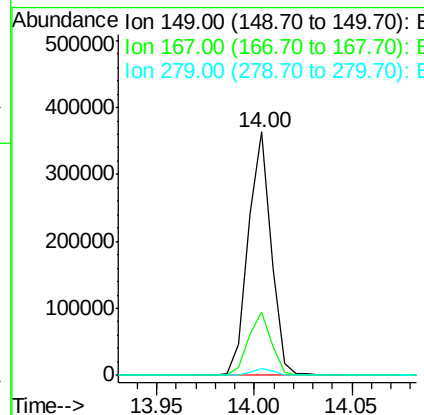
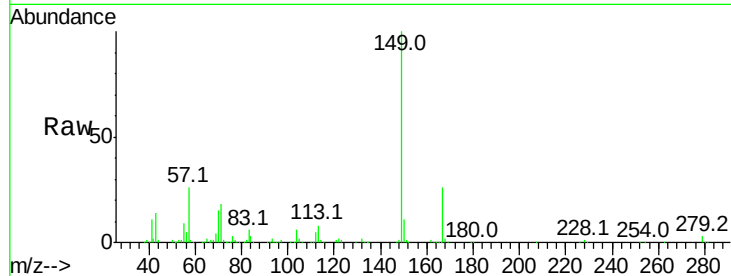




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 21.950 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

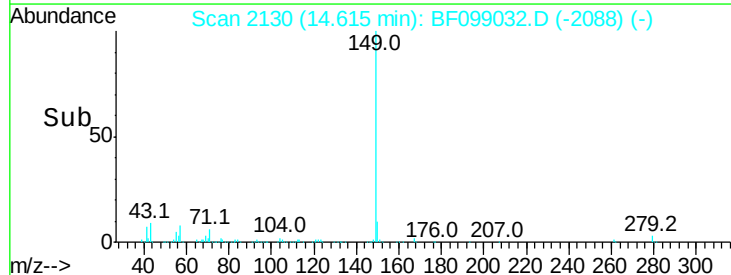
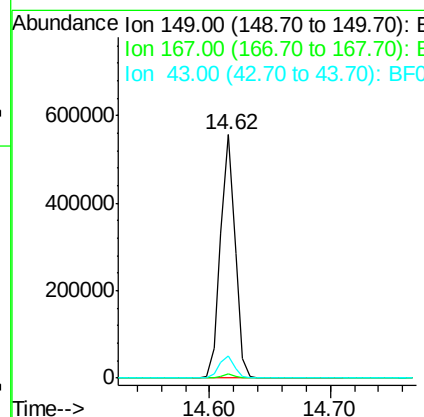
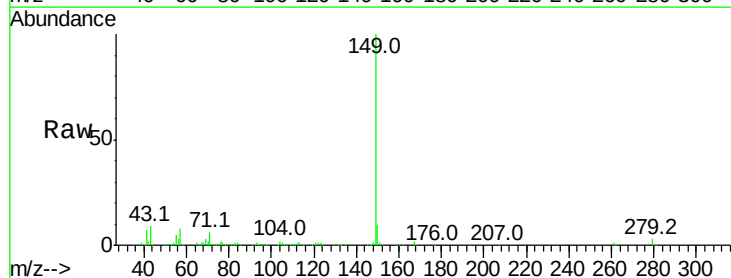
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

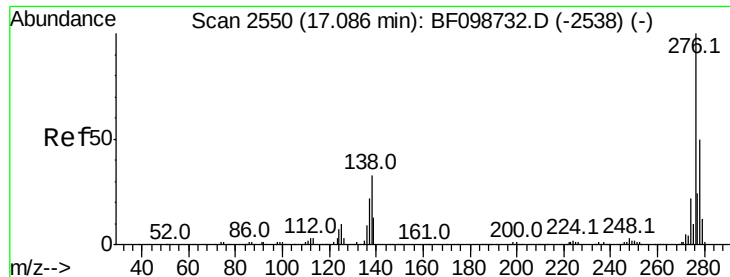
Tot Ion	Ratio	Lower	Upper
149	100		
167	26.2	21.3	31.9
279	2.8	3.0	4.4#



#84
 Di-n-octyl phthalate
 Concen: 21.217 ng
 RT: 14.62 min Scan# 2130
 Delta R.T. -0.05 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.4	8.4	12.6

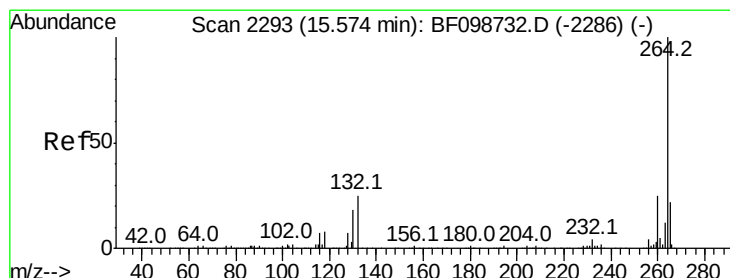
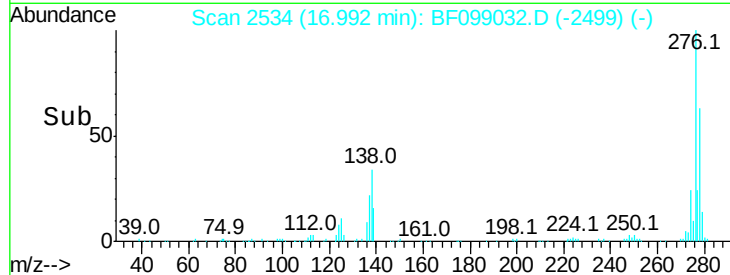
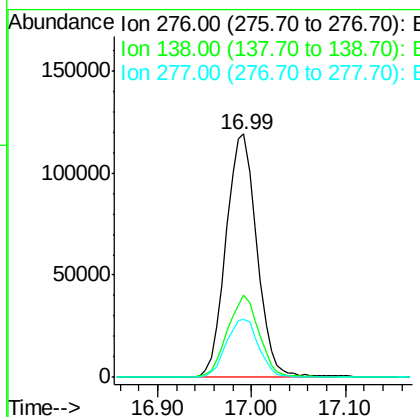
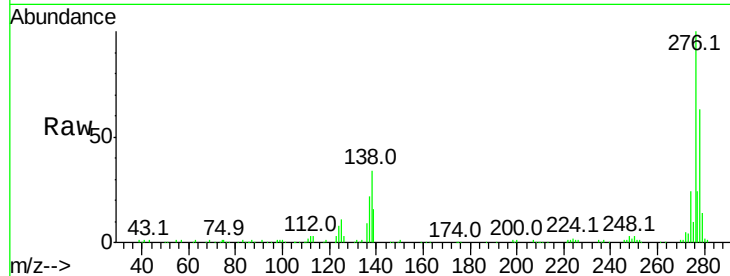




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 21.705 ng
 RT: 16.99 min Scan# 2534
 Delta R.T. -0.09 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

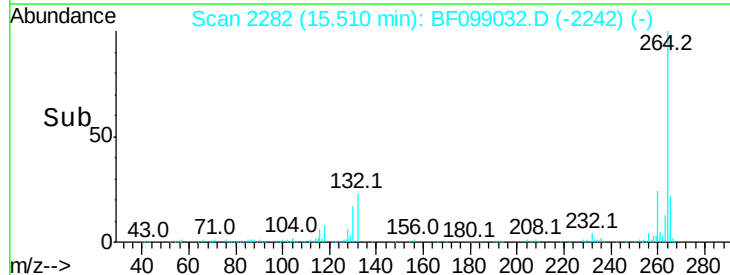
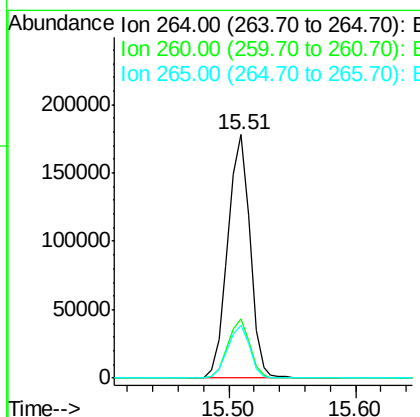
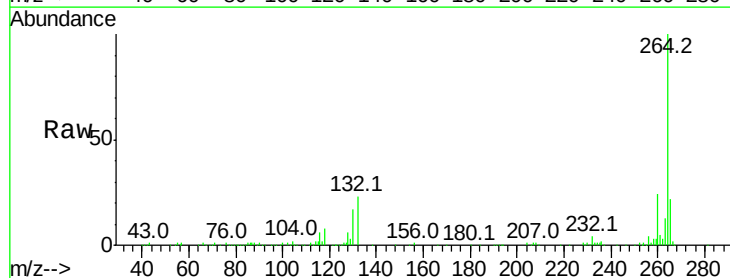
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT4-2017

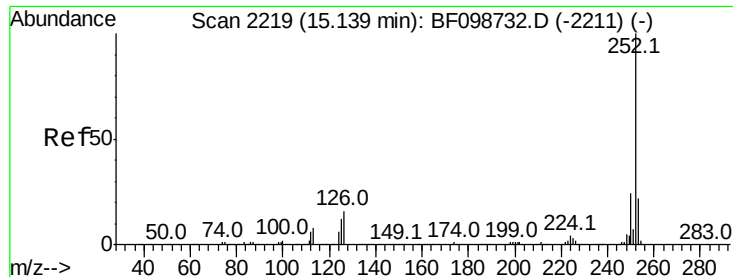
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	25.0	37.6
277	24.9	20.1	30.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.51 min Scan# 2282
 Delta R.T. -0.06 min
 Lab File: BF099032.D
 Acq: 3 Oct 2017 15:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.5	26.3

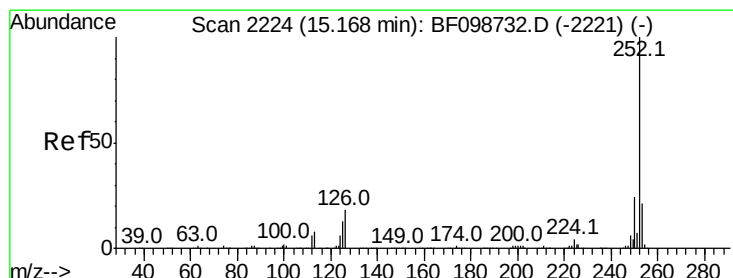
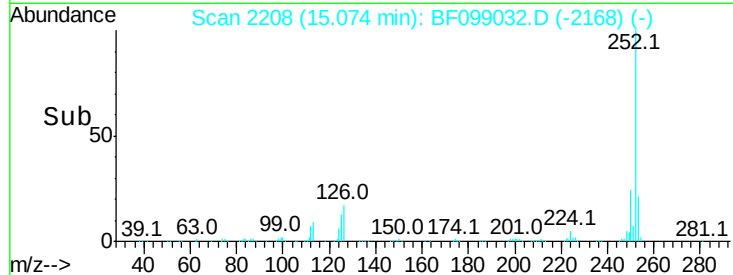
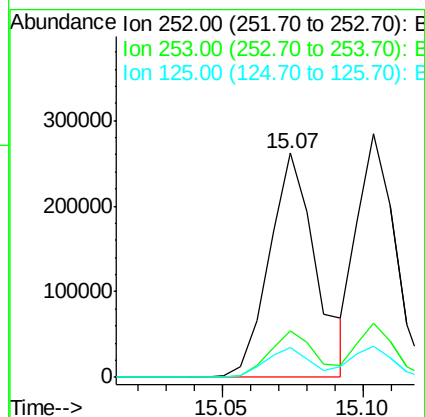
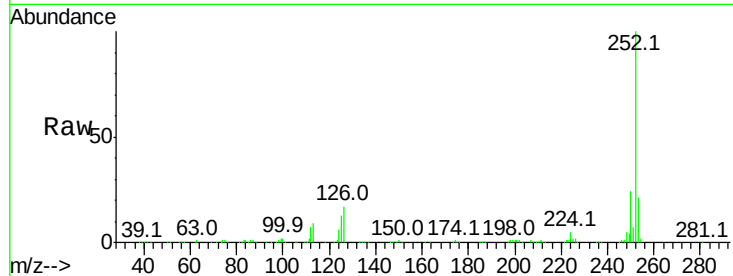




#87
Benzo(b)fluoranthene
Concen: 22.516 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.06 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

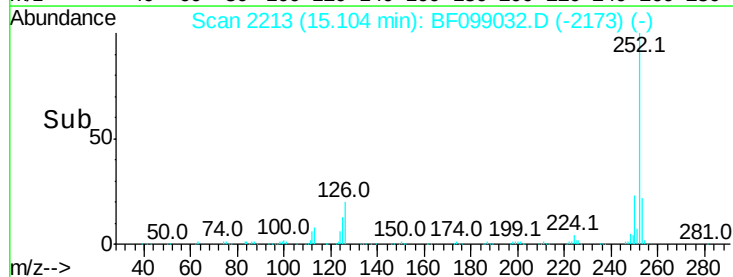
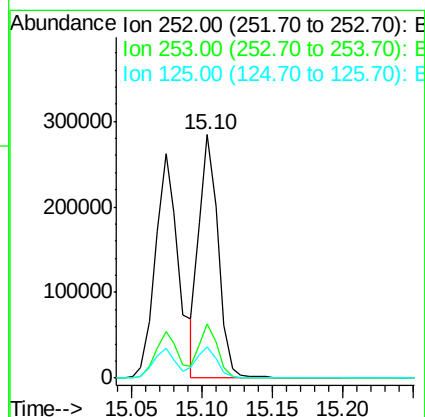
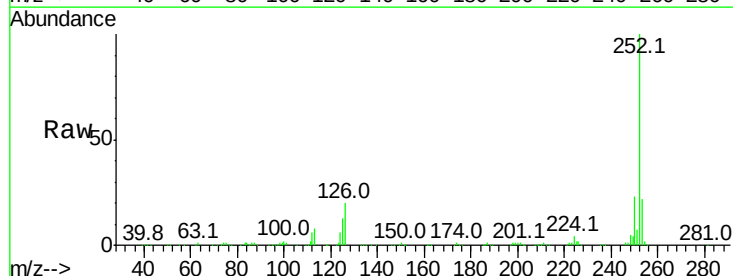
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

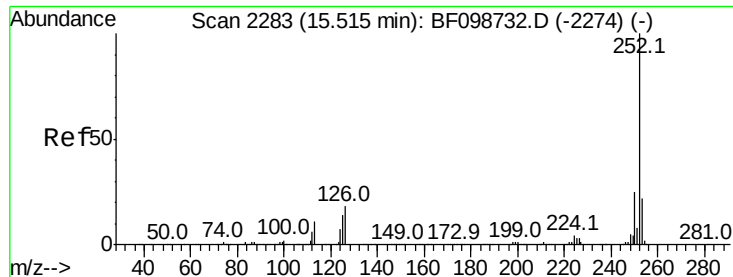
Tot Ion:252	Resp:	300059
Ion Ratio	Lower	Upper
252	100	
253	21.0	17.0 25.6
125	13.3	9.0 13.6



#88
Benzo(k)fluoranthene
Concen: 20.278 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.06 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:252	Resp:	266911
Ion Ratio	Lower	Upper
252	100	
253	22.1	17.9 26.9
125	12.8	10.2 15.2

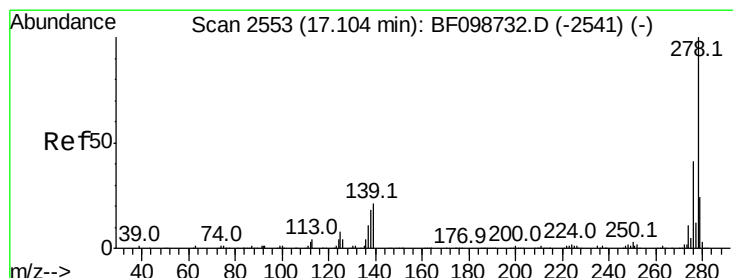
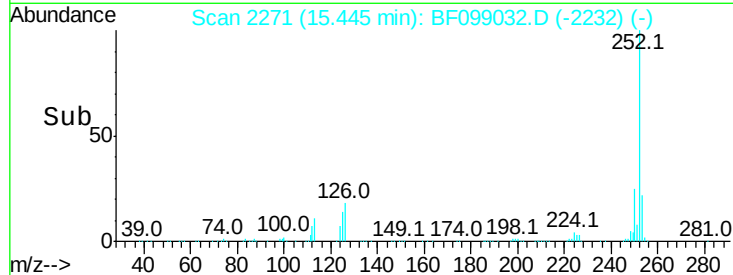
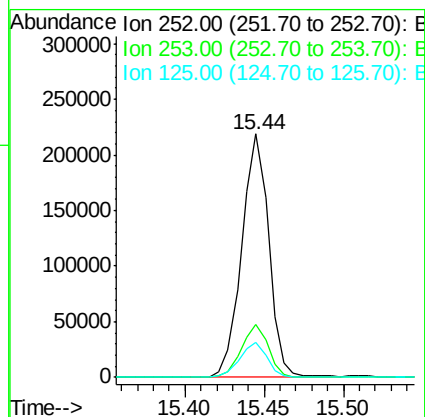
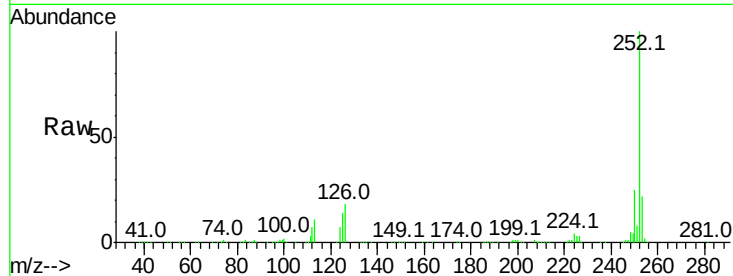




#89
Benzo(a)pyrene
Concen: 21.176 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.07 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

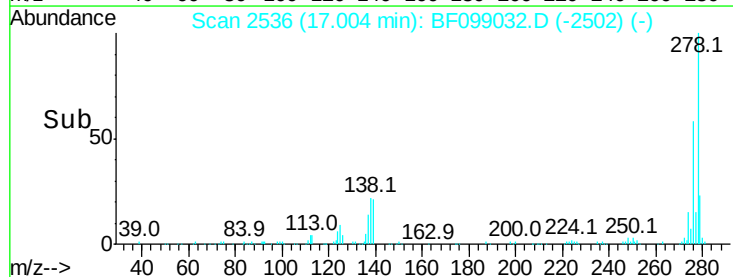
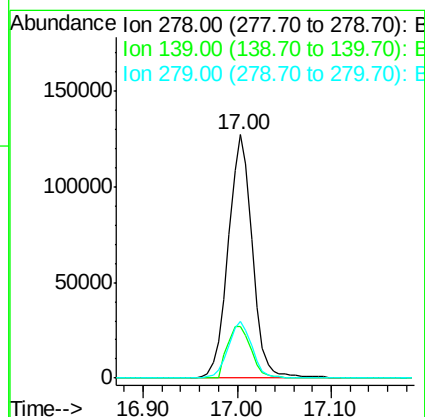
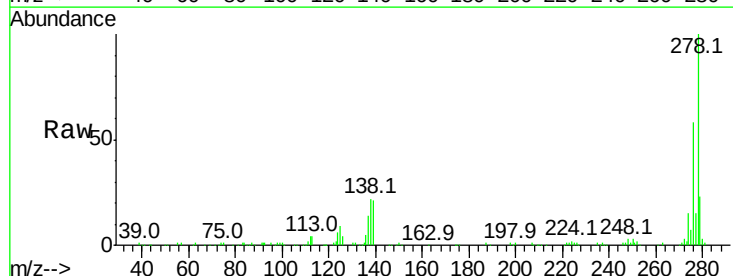
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT4-2017

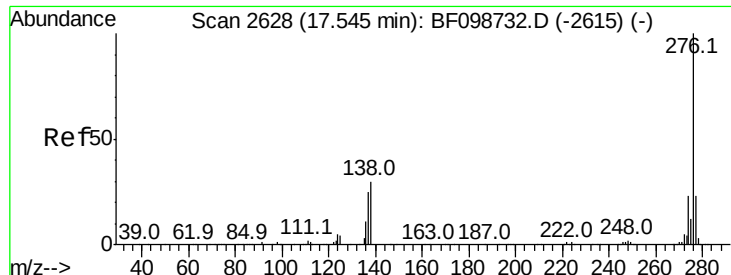
Tot Ion:252 Resp: 259039
Ion Ratio Lower Upper
252 100
253 21.8 17.1 25.7
125 14.2 9.8 14.6



#90
Dibenzo(a,h)anthracene
Concen: 23.228 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.10 min
Lab File: BF099032.D
Acq: 3 Oct 2017 15:31

Tgt Ion:278 Resp: 227403
Ion Ratio Lower Upper
278 100
139 21.1 15.9 23.9
279 23.2 19.0 28.4





#91

Benzo(a,h,i)perylene

Concen: 23.357 ng

RT: 17.44 min Scan# 2610

Delta R.T. -0.11 min

Lab File: BF099032.D

Acq: 3 Oct 2017 15:31

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT4-2017

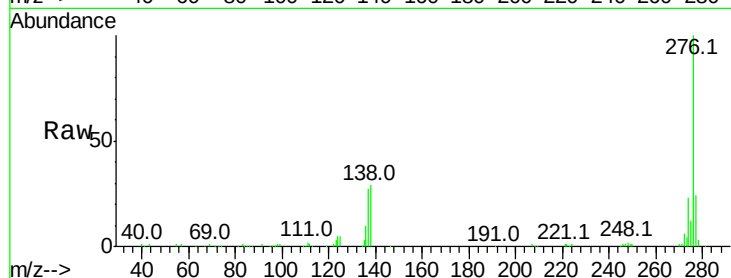
Tot Ion:276 Resp: 226033

Ion Ratio Lower Upper

276 100

277 23.9 17.9 26.9

138 28.9 21.8 32.8



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

