

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090388.D
 Acq On : 5 Oct 2016 19:12
 Operator : UM/SJ
 Sample : H4818-06
 Misc : LOQ 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Quant Time: Oct 06 01:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	221456	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	977236	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	479660	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	738907	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	610808	20.00	ng	-0.01
86) Perylene-d12	15.70	264	419566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.62	112	1717959	115.78	ng	0.01
7) Phenol-d6	6.62	99	2389578	122.96	ng	0.00
23) Nitrobenzene-d5	7.56	82	1811291	90.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.85	330	545189	139.78	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	2908997	101.05	ng	0.00
78) Terphenyl-d14	13.14	244	2573343	94.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.82	88	145483	19.89	ng	94
3) Pyridine	3.58	79	394616	19.35	ng	87
4) n-Nitrosodimethylamine	3.50	42	168044	19.97	ng	# 69
6) Aniline	6.66	93	444027	16.54	ng	98
8) 2-Chlorophenol	6.78	128	317102	19.42	ng	86
9) Benzaldehyde	6.54	77	192897	19.64	ng	88
10) Phenol	6.63	94	377320	16.70	ng	88
11) bis(2-Chloroethyl)ether	6.74	93	349714	20.21	ng	97
12) 1,3-Dichlorobenzene	7.02	146	329409	20.24	ng	98
13) 1,4-Dichlorobenzene	7.02	146	329409	19.92	ng	96
14) 1,2-Dichlorobenzene	7.17	146	308255	19.35	ng	95
15) Benzyl Alcohol	7.14	79	331069	22.41	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.27	45	605631	20.64	ng	97
17) 2-Methylphenol	7.25	107	271900	20.25	ng	97
18) Hexachloroethane	7.51	117	124942	19.17	ng	# 86
19) n-Nitroso-di-n-propylamine	7.41	70	302045	21.20	ng	# 85
20) 3+4-Methylphenols	7.40	107	366482	21.08	ng	# 86
22) Acetophenone	7.41	105	472392	20.41	ng	# 87
24) Nitrobenzene	7.58	77	437371	21.93	ng	99
25) Isophorone	7.82	82	742692	20.22	ng	99
26) 2-Nitrophenol	7.90	139	168283	19.60	ng	# 88
27) 2,4-Dimethylphenol	7.94	122	335027	20.07	ng	99
28) bis(2-Chloroethoxy)methane	8.03	93	408377	18.80	ng	# 95
29) 2,4-Dichlorophenol	8.14	162	245862	19.37	ng	94
30) 1,2,4-Trichlorobenzene	8.23	180	245888	18.80	ng	95
31) Naphthalene	8.31	128	970364	20.58	ng	97
32) Benzoic acid	8.02	122	218582	18.83	ng	91
33) 4-Chloroaniline	8.36	127	283145	14.53	ng	# 90
34) Hexachlorobutadiene	8.43	225	124197	16.99	ng	99
35) Caprolactam	8.70	113	76032	17.82	ng	92
36) 4-Chloro-3-methylphenol	8.83	107	284958	17.93	ng	91
37) 2-Methylnaphthalene	9.00	142	556112	19.49	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	235861	18.65	ng	# 96
40) Hexachlorocyclopentadiene	9.16	237	118895	17.15	ng	98

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\
 Data File : BF090388.D
 Acq On : 5 Oct 2016 19:12
 Operator : UM/SJ
 Sample : H4818-06
 Misc : LOQ 20PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Quant Time: Oct 06 01:08:56 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

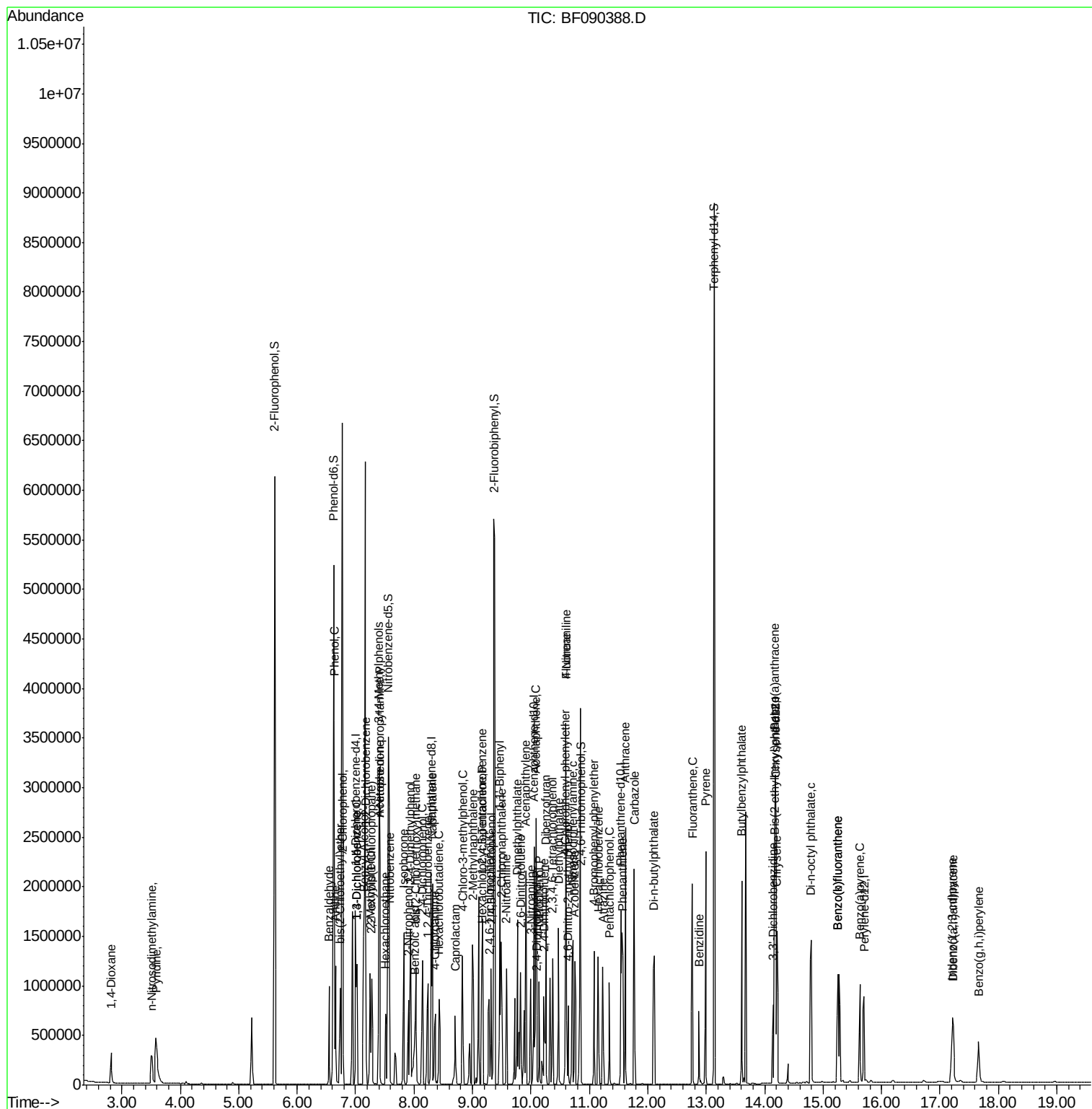
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	161681	18.53	ng	98
43) 2,4,5-Trichlorophenol	9.32	196	169552	20.55	ng	94
45) 1,1'-Biphenyl	9.47	154	714996	20.12	ng	93
46) 2-Chloronaphthalene	9.49	162	517681	19.71	ng	96
47) 2-Nitroaniline	9.58	65	214668	20.72	ng	# 85
48) Acenaphthylene	9.91	152	911605	21.04	ng	97
49) Dimethylphthalate	9.77	163	607635	19.78	ng	98
50) 2,6-Dinitrotoluene	9.82	165	120432	17.66	ng	# 80
51) Acenaphthene	10.09	154	562086	20.80	ng	98
52) 3-Nitroaniline	9.99	138	143120	17.96	ng	98
53) 2,4-Dinitrophenol	10.10	184	53970	17.75	ng	# 43
54) Dibenzofuran	10.26	168	712758	20.38	ng	95
55) 4-Nitrophenol	10.14	139	134830	19.34	ng	92
56) 2,4-Dinitrotoluene	10.22	165	168133	18.52	ng	# 1
57) Fluorene	10.60	166	603711	20.54	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	116978	18.98	ng	# 75
59) Diethylphthalate	10.47	149	668131	21.02	ng	# 93
60) 4-Chlorophenyl-phenylether	10.59	204	253693	18.98	ng	# 81
61) 4-Nitroaniline	10.60	138	154773	19.28	ng	94
62) Azobenzene	10.75	77	685083	18.66	ng	87
64) 4,6-Dinitro-2-methylphenol	10.63	198	71518	18.15	ng	95
65) n-Nitrosodiphenylamine	10.71	169	503424	20.33	ng	99
66) 4-Bromophenyl-phenylether	11.08	248	134658	18.59	ng	# 67
67) Hexachlorobenzene	11.15	284	153428	19.02	ng	# 68
68) Atrazine	11.23	200	107978	17.69	ng	95
69) Pentachlorophenol	11.34	266	100773	20.99	ng	98
70) Phenanthrene	11.57	178	782726	20.69	ng	95
71) Anthracene	11.62	178	832307	21.54	ng	97
72) Carbazole	11.77	167	744176	20.73	ng	98
73) Di-n-butylphthalate	12.11	149	969902	22.20	ng	# 95
74) Fluoranthene	12.76	202	789708	21.28	ng	94
76) Benzidine	12.87	184	240385	14.97	ng	98
77) Pyrene	12.99	202	830895	20.40	ng	98
79) Butylbenzylphthalate	13.61	149	397832	19.04	ng	# 73
80) Benzo(a)anthracene	14.18	228	691217	20.17	ng	97
81) 3,3'-Dichlorobenzidine	14.14	252	195520	15.74	ng	# 97
82) Chrysene	14.21	228	601214	19.06	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	590348	19.87	ng	# 92
84) Di-n-octyl phthalate	14.80	149	916374	20.81	ng	95
85) Indeno(1,2,3-cd)pyrene	17.21	276	410816	18.27	ng	94
87) Benzo(b)fluoranthene	15.25	252	516630	19.33	ng	# 97
88) Benzo(k)fluoranthene	15.25	252	516630	20.58	ng	# 96
89) Benzo(a)pyrene	15.63	252	452079	19.63	ng	97
90) Dibenzo(a,h)anthracene	17.23	278	343069	17.51	ng	# 95
91) Benzo(g,h,i)perylene	17.66	276	322962	17.17	ng	94

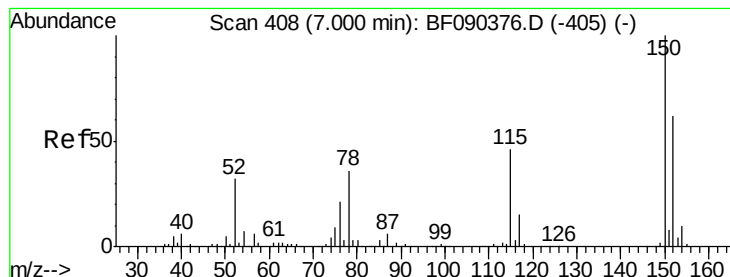
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100516\  
Data File : BF090388.D  
Acq On    : 5 Oct 2016 19:12  
Operator  : UM/SJ  
Sample    : H4818-06  
Misc      : LOQ 20PPM  
ALS Vial  : 8 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Quant Time: Oct 06 01:08:56 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

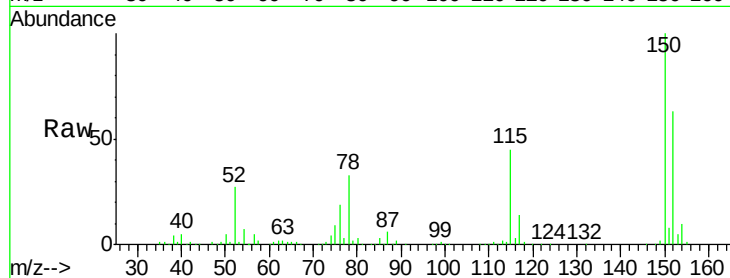
Tgt Ion:152 Resp: 221456

Ion Ratio Lower Upper

152 100

150 158.3 124.6 186.8

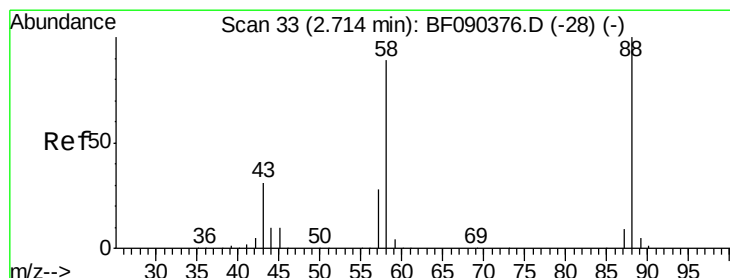
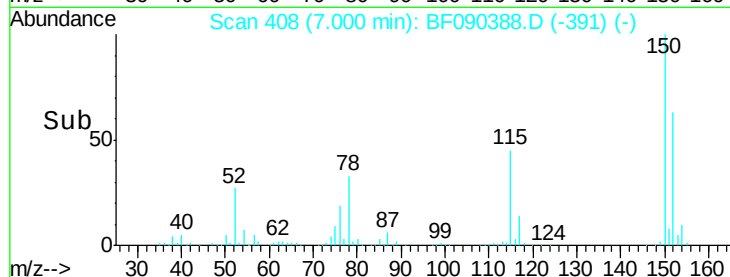
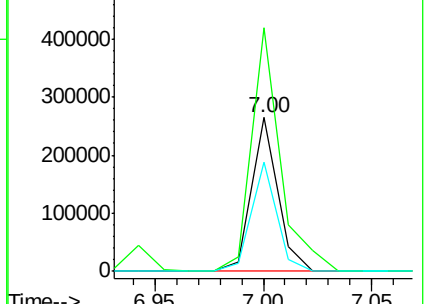
115 71.2 46.2 69.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 19.89 ng

RT: 2.82 min Scan# 42

Delta R.T. 0.10 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

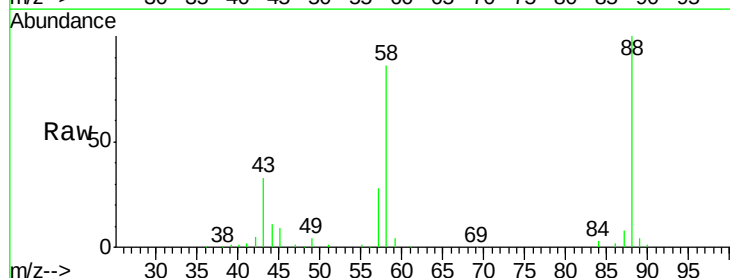
Tgt Ion: 88 Resp: 145483

Ion Ratio Lower Upper

88 100

58 84.7 71.2 106.8

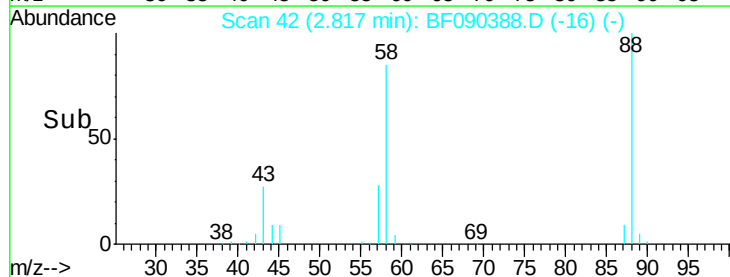
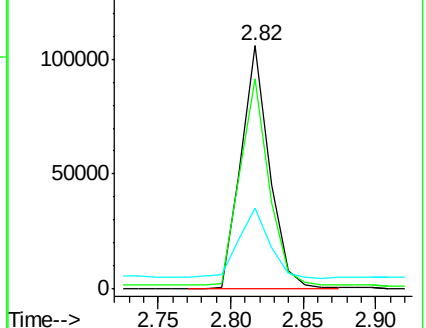
43 31.2 29.8 44.6

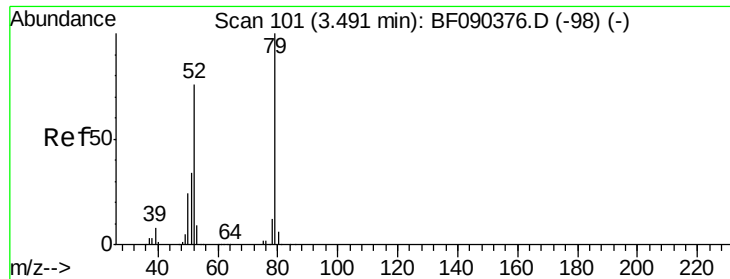


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 19.35 ng

RT: 3.58 min Scan# 109

Delta R.T. 0.09 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

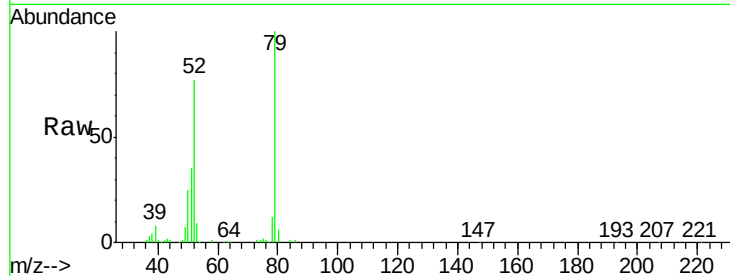
Tgt Ion: 79 Resp: 394616

Ion Ratio Lower Upper

79 100

52 77.3 71.3 106.9

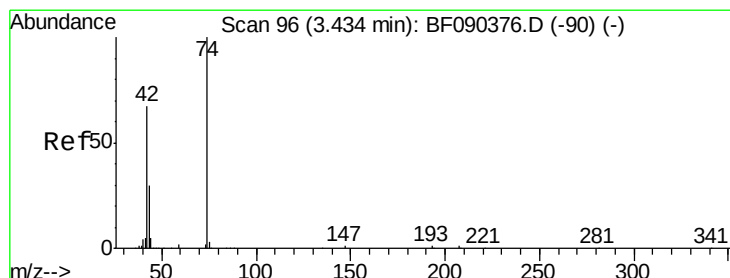
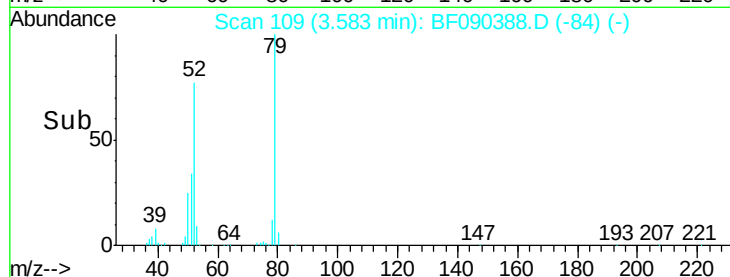
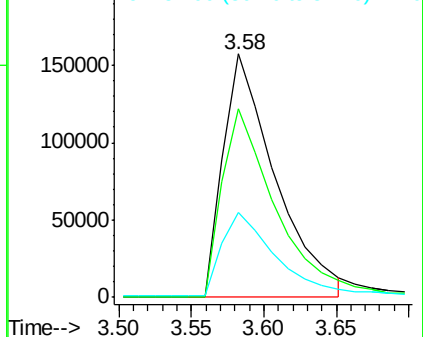
51 34.9 34.5 51.7



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: 19.97 ng

RT: 3.50 min Scan# 102

Delta R.T. 0.07 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

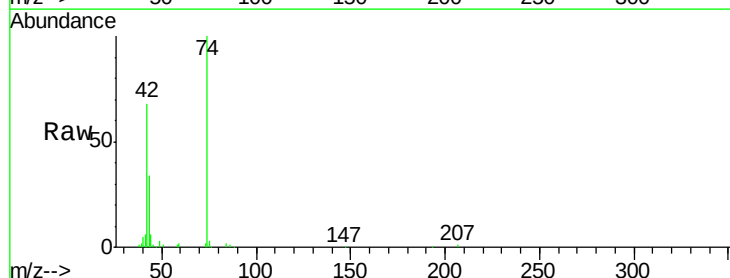
Tgt Ion: 42 Resp: 168044

Ion Ratio Lower Upper

42 100

74 146.0 88.9 133.3#

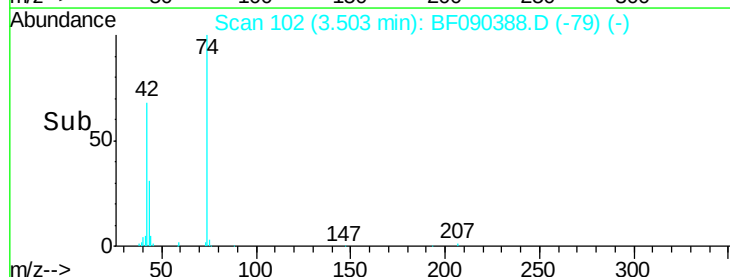
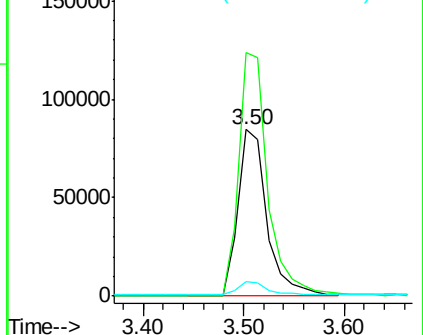
44 8.6 6.5 9.7

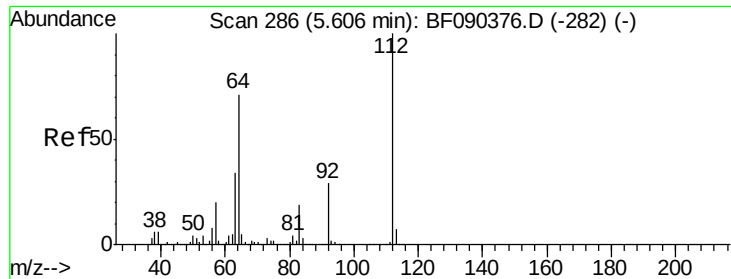


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 115.78 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

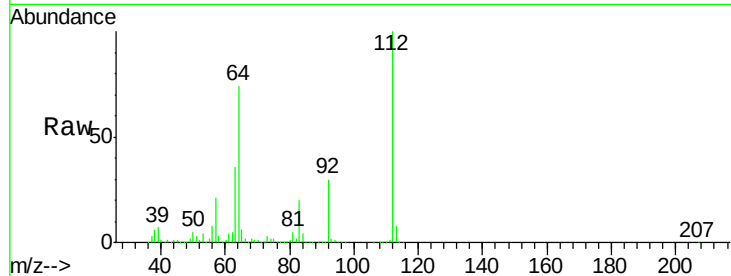
Tgt Ion:112 Resp: 1717959

Ion Ratio Lower Upper

112 100

64 74.0 57.9 86.9

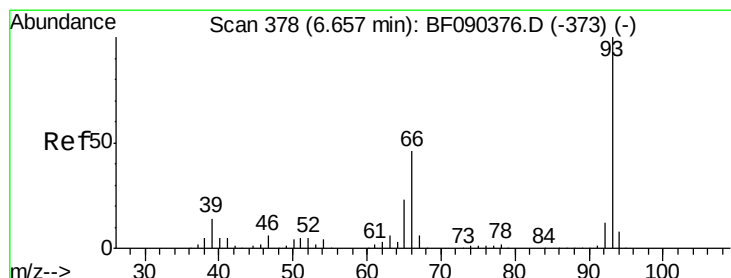
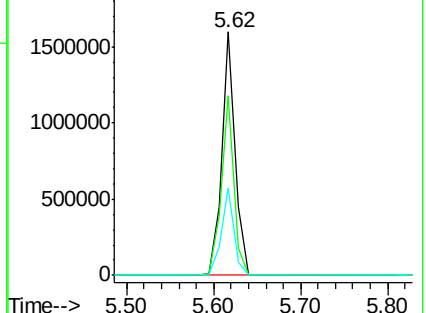
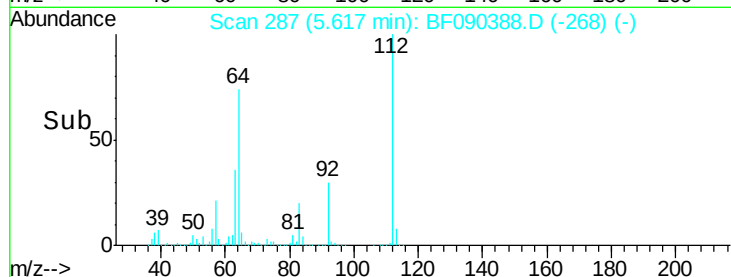
63 36.1 29.6 44.4



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 16.54 ng

RT: 6.66 min Scan# 378

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

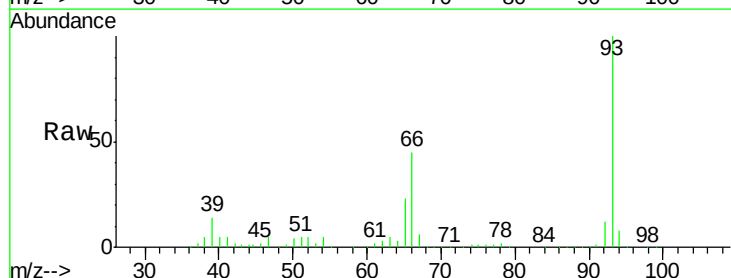
Tgt Ion: 93 Resp: 444027

Ion Ratio Lower Upper

93 100

66 45.4 34.5 51.7

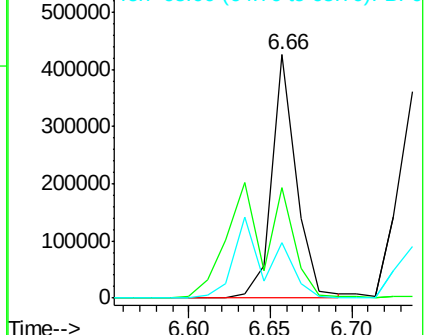
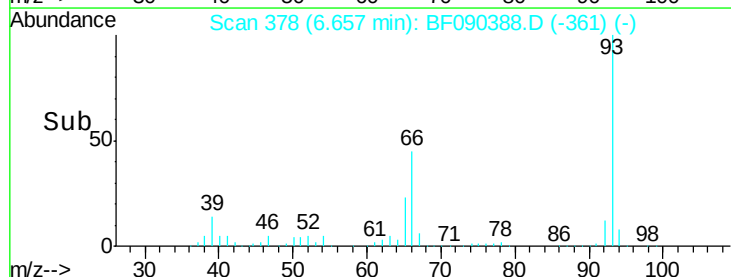
65 22.7 18.2 27.2

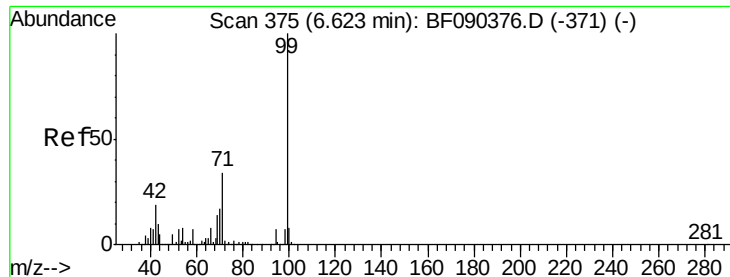


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 122.96 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

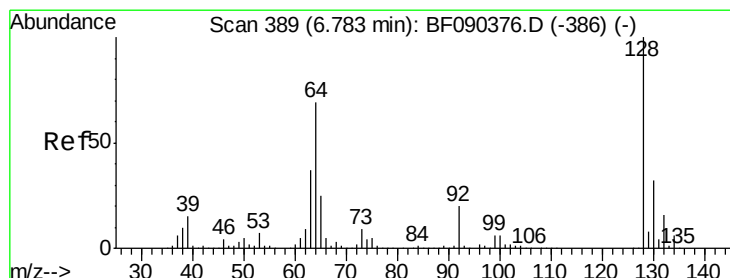
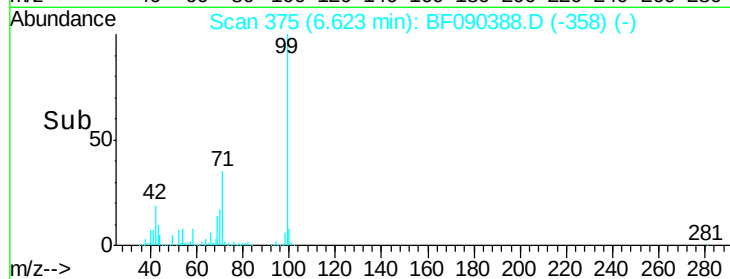
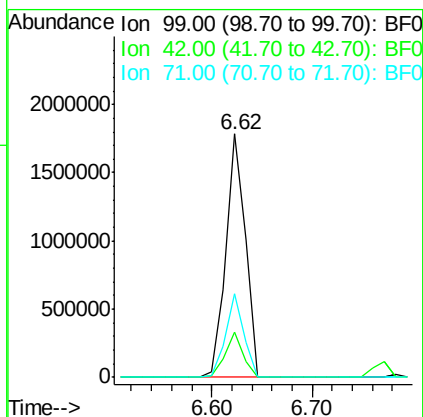
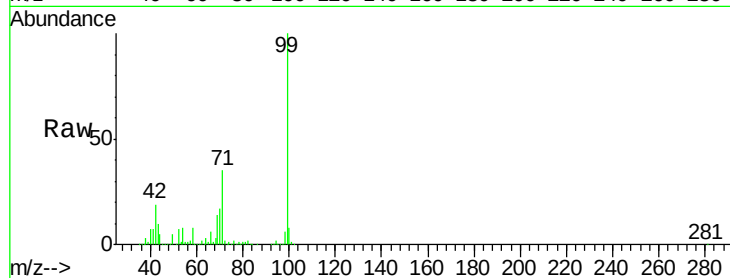
BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion: 99 Resp: 2389578

Ion	Ratio	Lower	Upper
99	100		
42	18.8	20.0	30.0#
71	34.6	27.9	41.9



#8

2-Chlorophenol

Concen: 19.42 ng

RT: 6.78 min Scan# 389

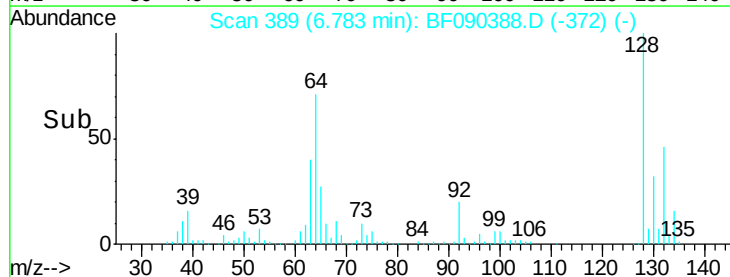
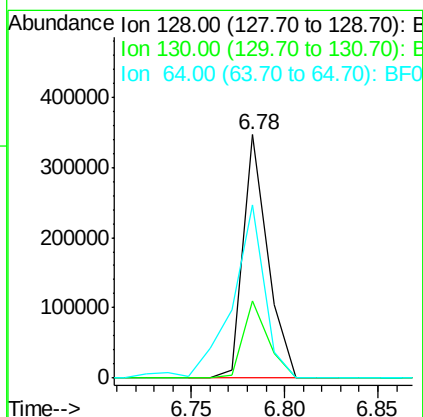
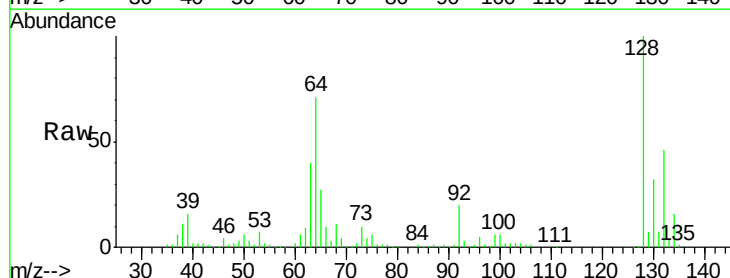
Delta R.T. -0.00 min

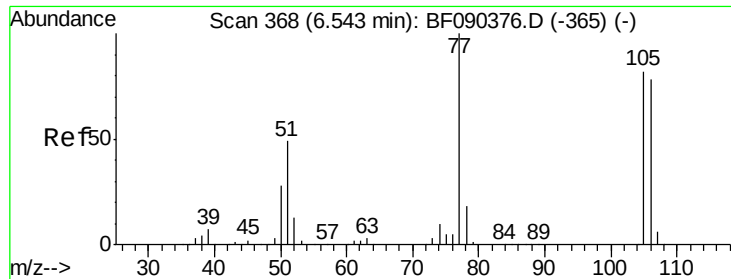
Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Tgt Ion: 128 Resp: 317102

Ion	Ratio	Lower	Upper
128	100		
130	31.7	13.3	53.3
64	71.3	36.0	76.0





#9

Benzaldehyde

Concen: 19.64 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

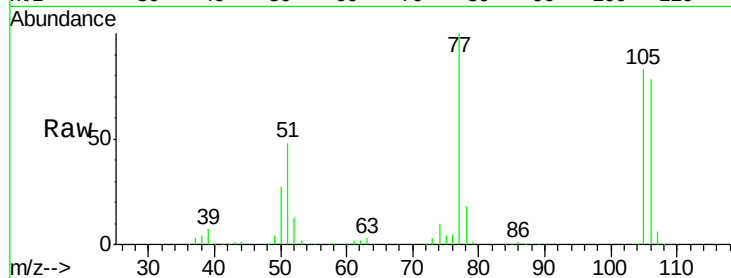
Tgt Ion: 77 Resp: 192897

Ion Ratio Lower Upper

77 100

105 82.7 73.1 113.1

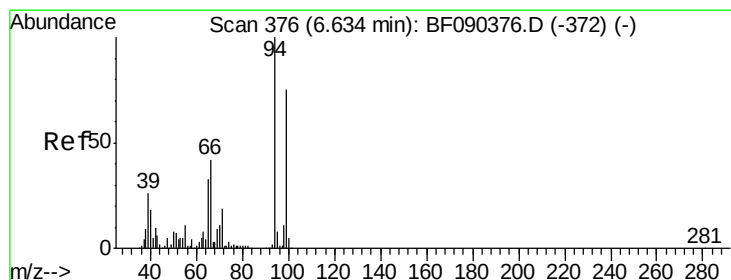
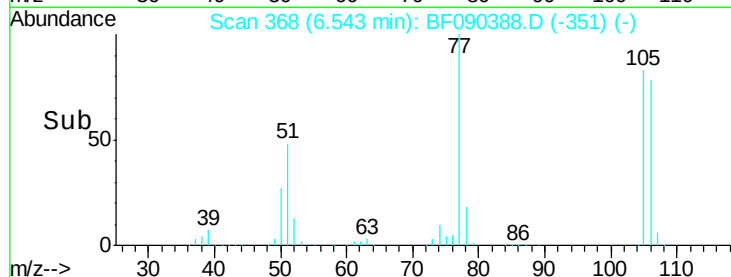
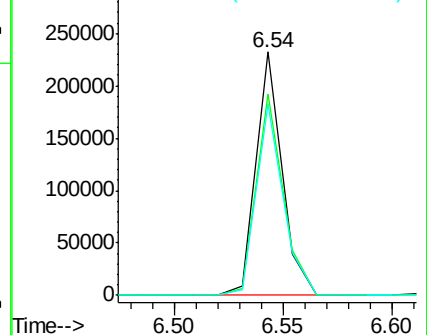
106 78.2 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 16.70 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

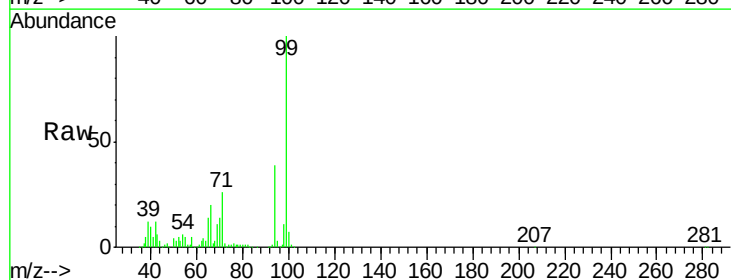
Tgt Ion: 94 Resp: 377320

Ion Ratio Lower Upper

94 100

65 36.3 13.3 53.3

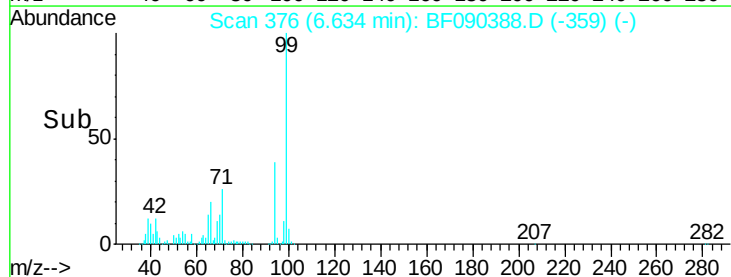
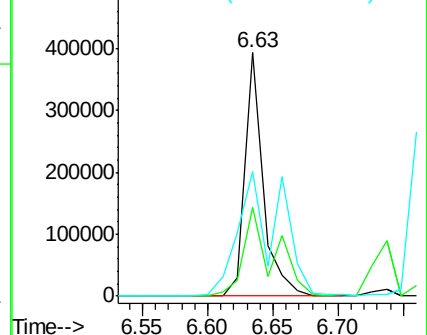
66 51.3 20.4 60.4

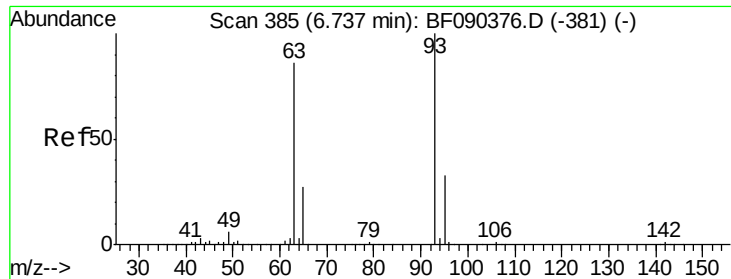


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

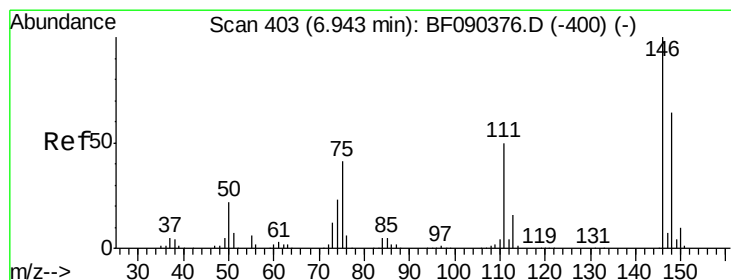
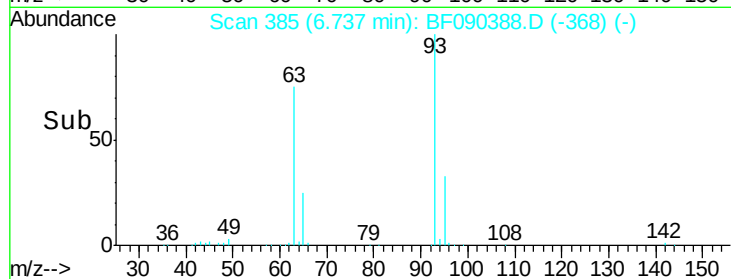
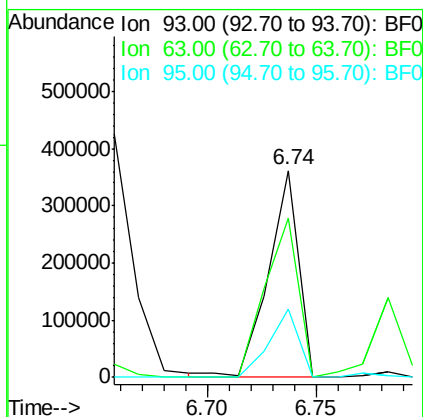
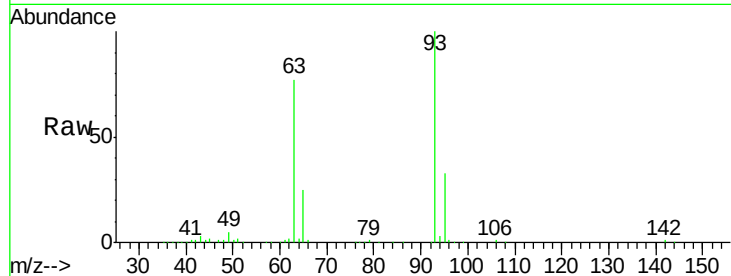




#11
bis(2-Chloroethyl)ether
Concen: 20.21 ng
RT: 6.74 min Scan# 385
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

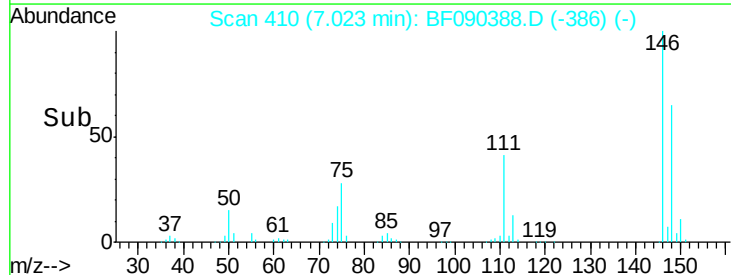
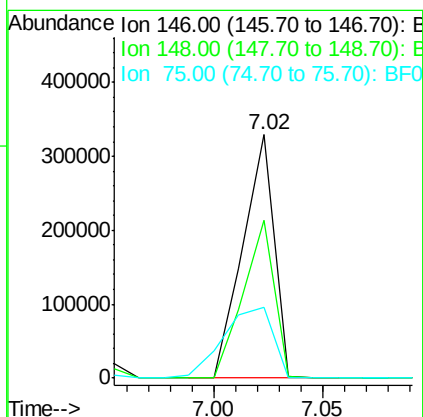
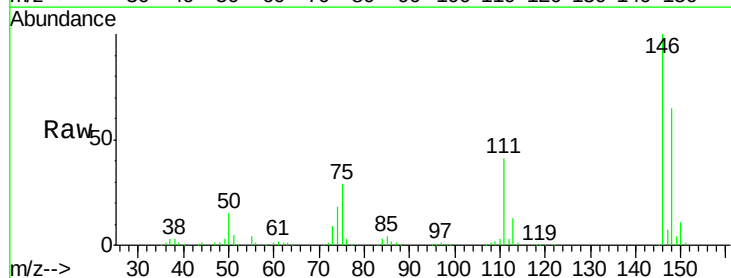
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

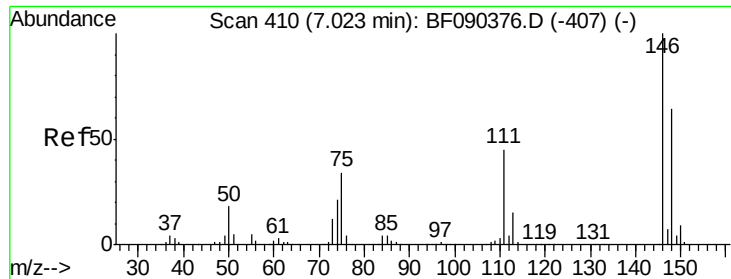
Tgt Ion: 93 Resp: 349714
Ion Ratio Lower Upper
93 100
63 77.0 59.7 99.7
95 33.1 14.0 54.0



#12
1,3-Dichlorobenzene
Concen: 20.24 ng
RT: 7.02 min Scan# 410
Delta R.T. 0.08 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion: 146 Resp: 329409
Ion Ratio Lower Upper
146 100
148 64.6 52.2 78.4
75 29.2 21.4 32.2

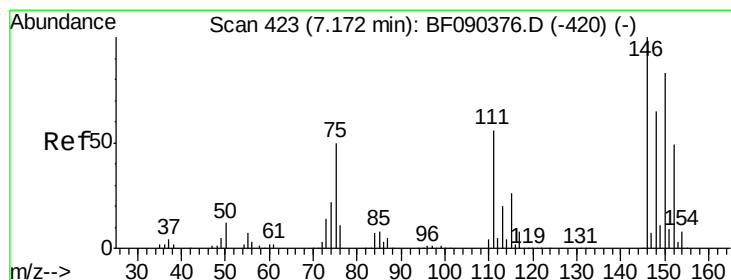
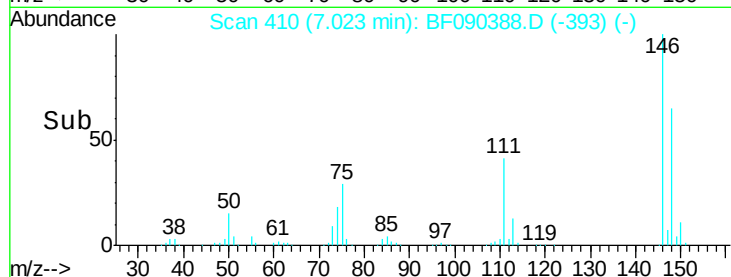
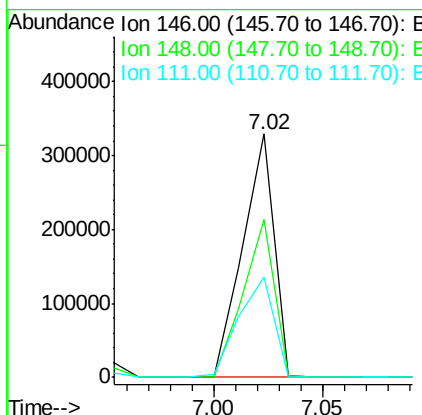
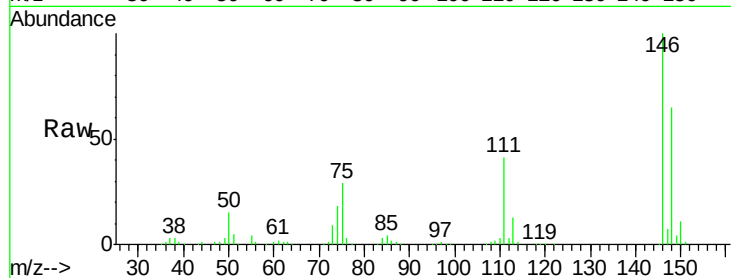




#13
 1,4-Dichlorobenzene
 Concen: 19.92 ng
 RT: 7.02 min Scan# 410
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

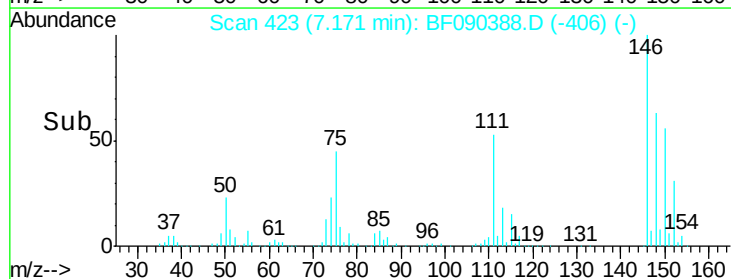
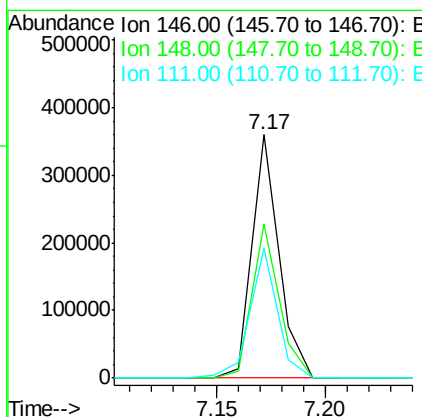
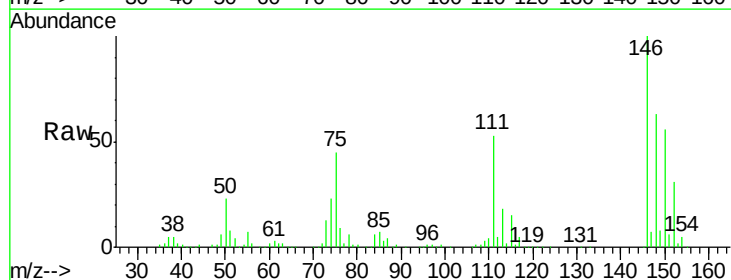
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

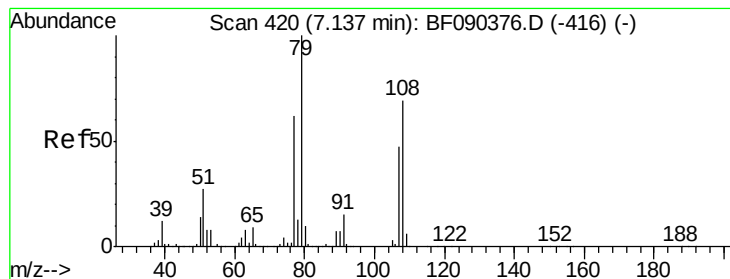
Tgt Ion:146 Resp: 329409
 Ion Ratio Lower Upper
 146 100
 148 64.6 51.1 76.7
 111 41.1 37.8 56.6



#14
 1,2-Dichlorobenzene
 Concen: 19.35 ng
 RT: 7.17 min Scan# 423
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:146 Resp: 308255
 Ion Ratio Lower Upper
 146 100
 148 63.0 52.3 78.5
 111 53.1 38.2 57.4





#15

Benzyl Alcohol

Concen: 22.41 ng

RT: 7.14 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

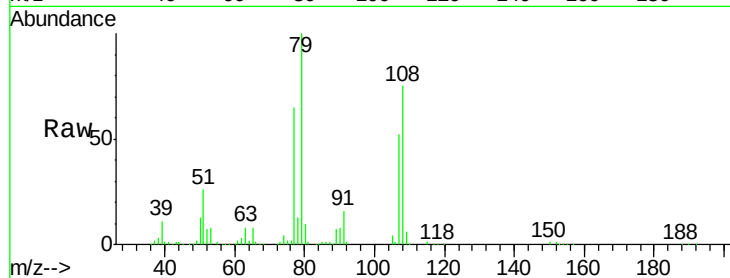
Tgt Ion: 79 Resp: 331069

Ion Ratio Lower Upper

79 100

108 74.7 60.9 91.3

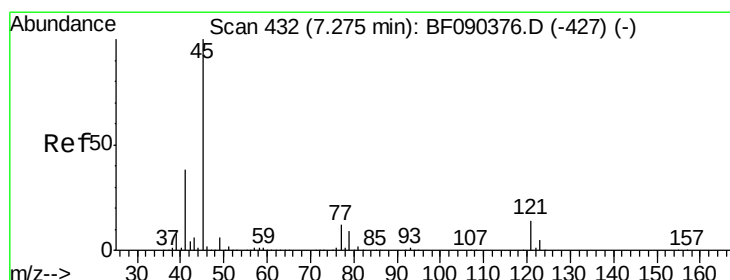
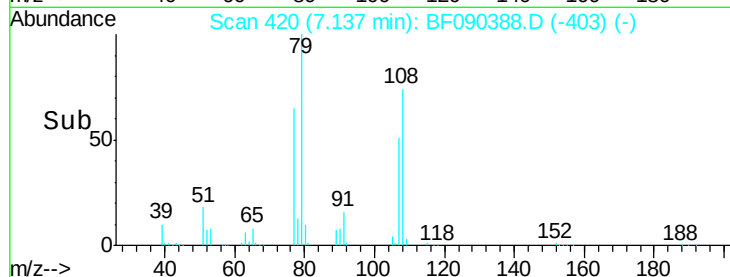
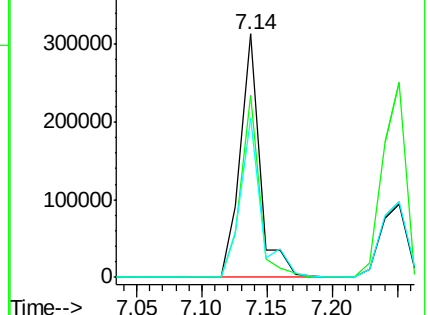
77 65.1 51.5 77.3



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: 20.64 ng

RT: 7.27 min Scan# 432

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

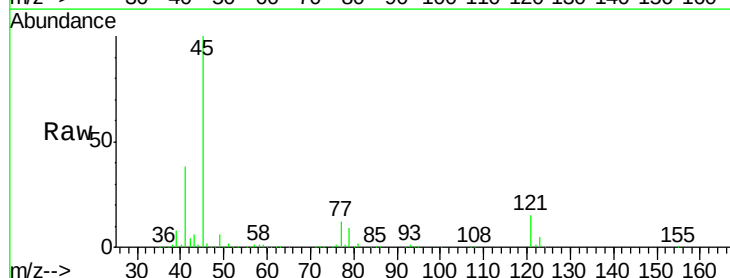
Tgt Ion: 45 Resp: 605631

Ion Ratio Lower Upper

45 100

77 12.0 0.0 30.8

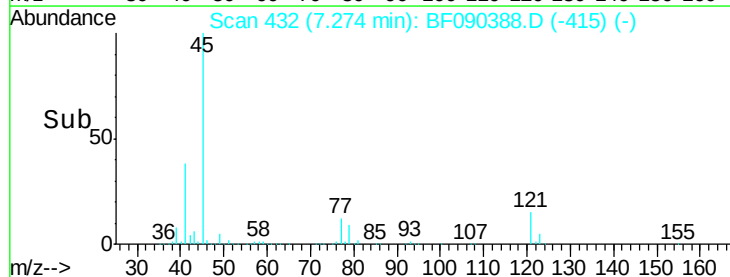
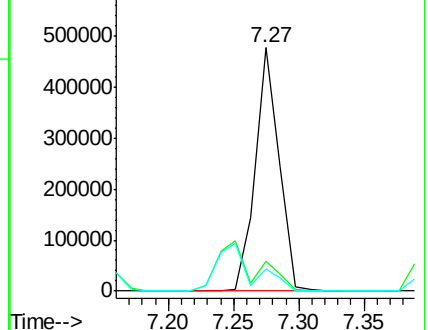
79 9.4 0.0 28.2

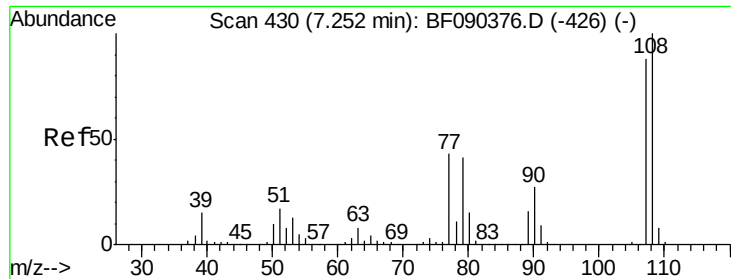


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

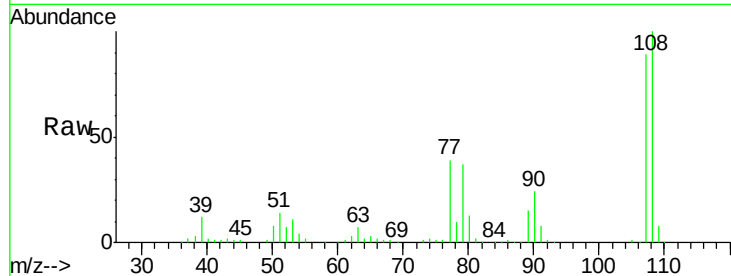




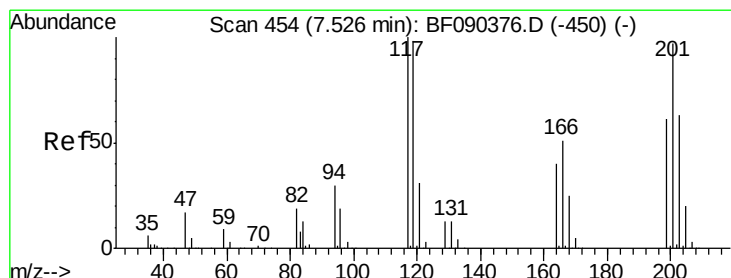
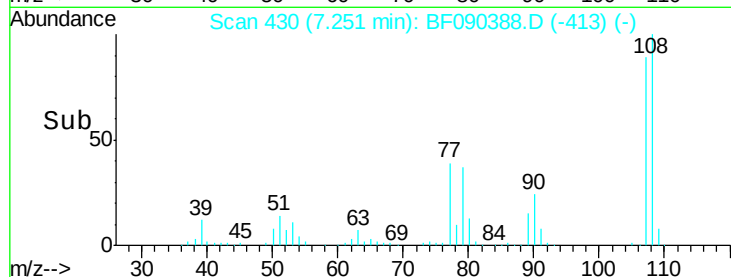
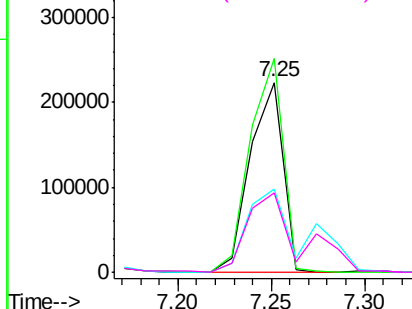
#17
2-Methylphenol
Concen: 20.25 ng
RT: 7.25 min Scan# 430
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:	107	Resp:	271900
Ion	Ratio	Lower	Upper
107	100		
108	112.6	90.9	136.3
77	43.9	38.2	57.4
79	42.1	37.0	55.4

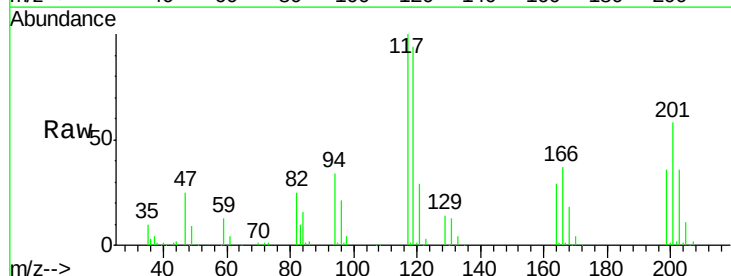


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

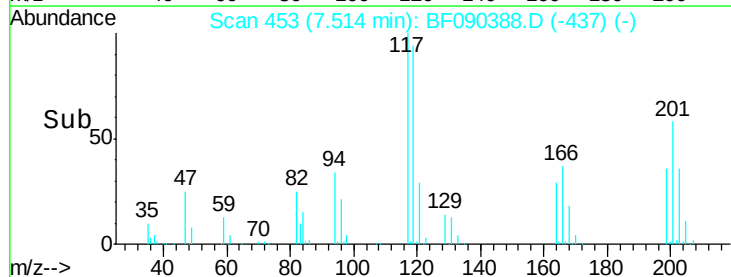
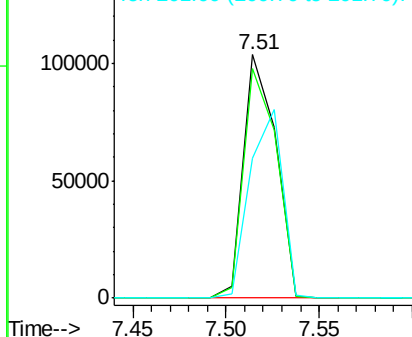


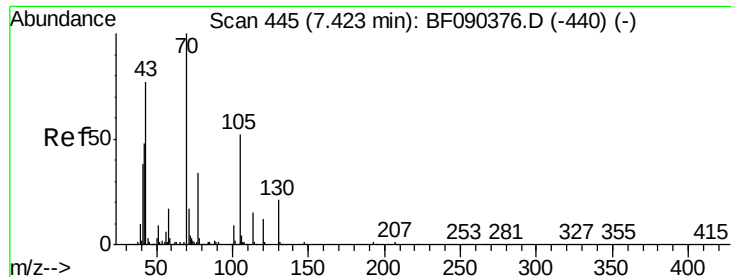
#18
Hexachloroethane
Concen: 19.17 ng
RT: 7.51 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:	117	Resp:	124942
Ion	Ratio	Lower	Upper
117	100		
119	94.1	75.9	113.9
201	57.7	66.5	99.7#



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

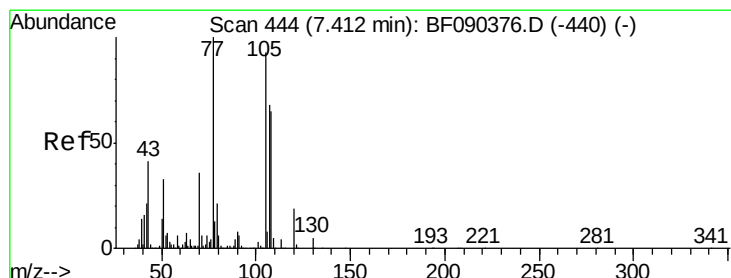
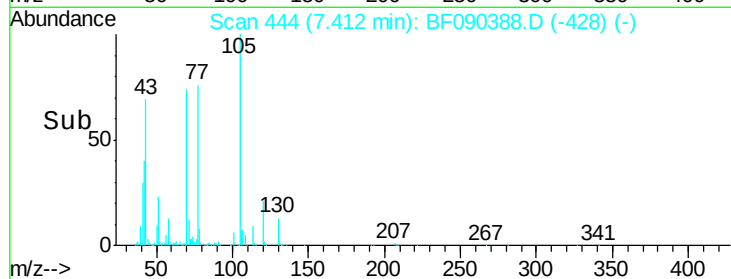
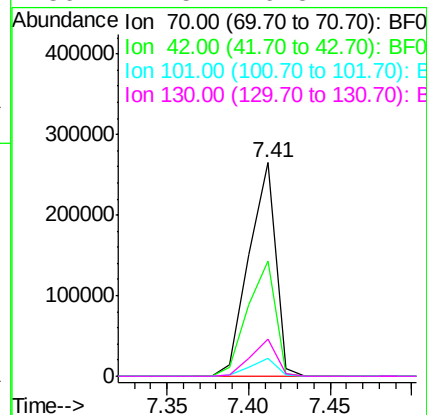
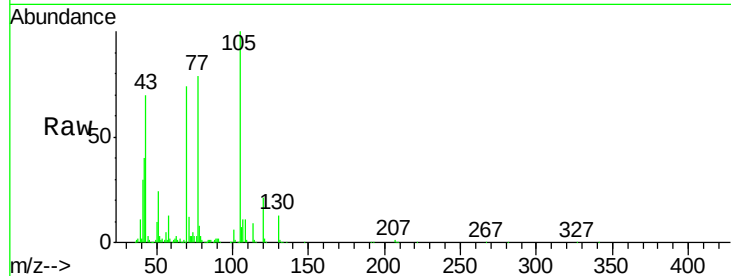




#19
n-Nitroso-di-n-propylamine
Concen: 21.20 ng
RT: 7.41 min Scan# 444
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

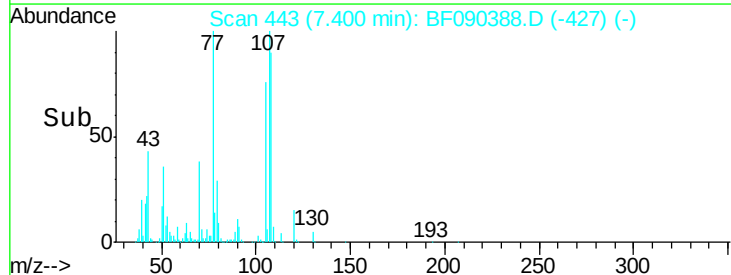
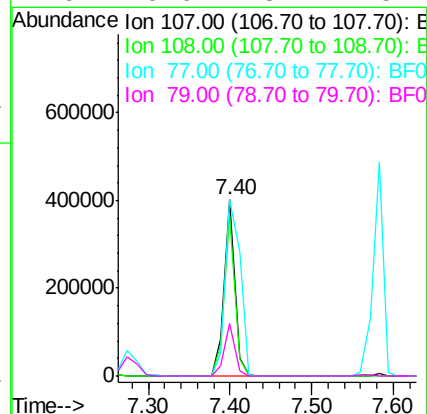
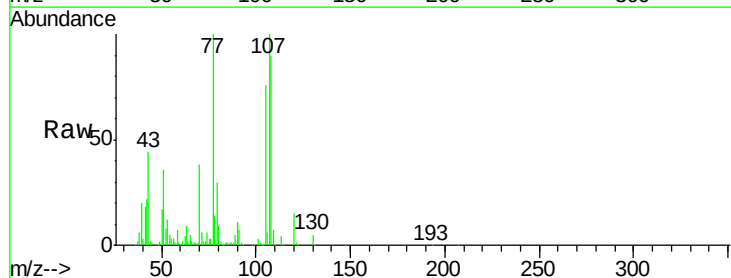
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

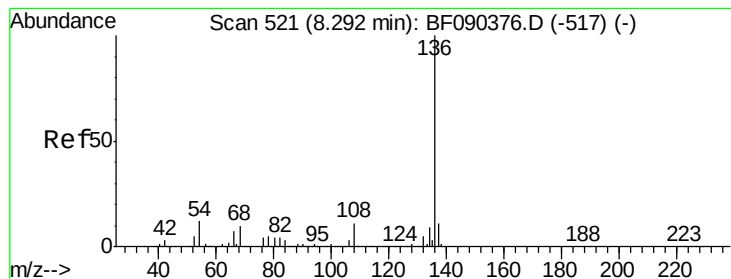
Tgt Ion: 70 Resp: 302045
Ion Ratio Lower Upper
70 100
42 53.9 55.4 83.2#
101 8.3 7.6 11.4
130 17.5 16.5 24.7



#20
3+4-Methylphenols
Concen: 21.08 ng
RT: 7.40 min Scan# 443
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion: 107 Resp: 366482
Ion Ratio Lower Upper
107 100
108 90.4 66.7 106.7
77 100.0 53.7 93.7#
79 29.6 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:136 Resp: 977236

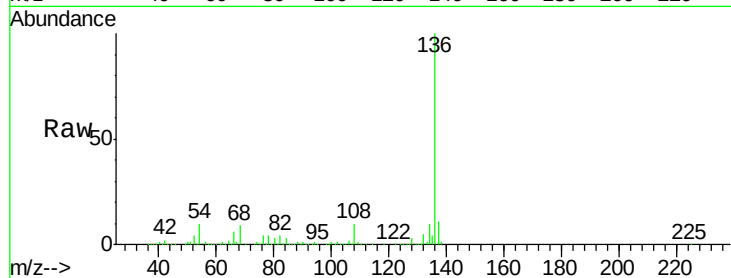
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.6

54 10.2 6.6 10.0#

68 8.8 5.0 7.6#

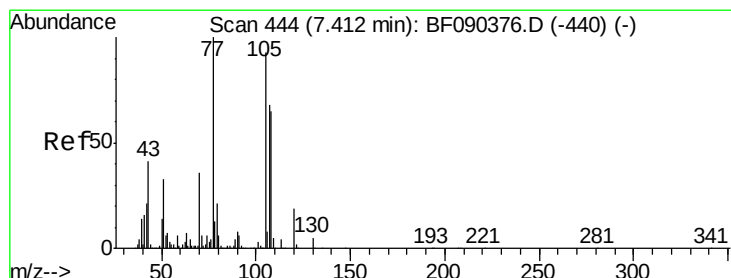
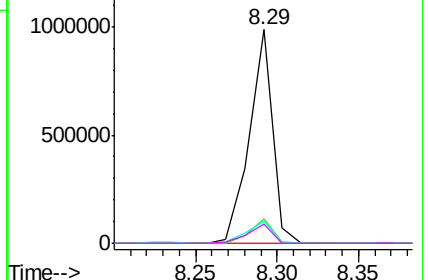
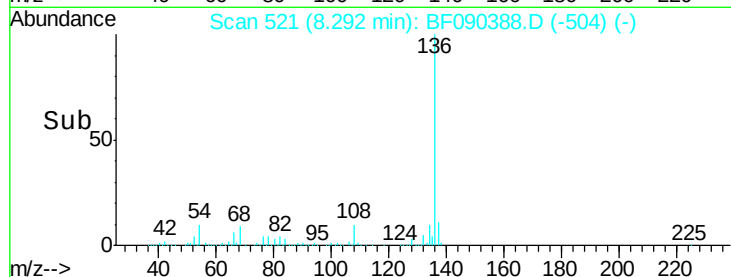


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 20.41 ng

RT: 7.41 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Tgt Ion:105 Resp: 472392

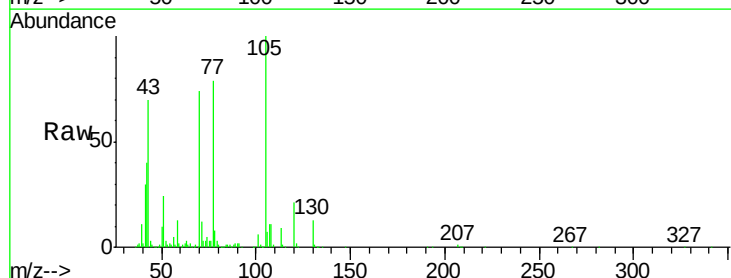
Ion Ratio Lower Upper

105 100

71 12.4 3.8 5.6#

51 24.1 28.2 42.4#

120 21.5 17.4 26.2

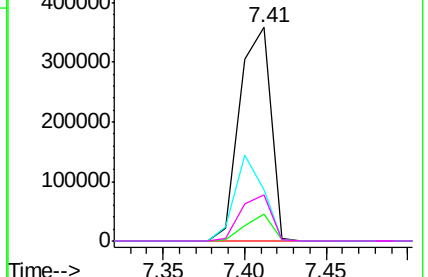
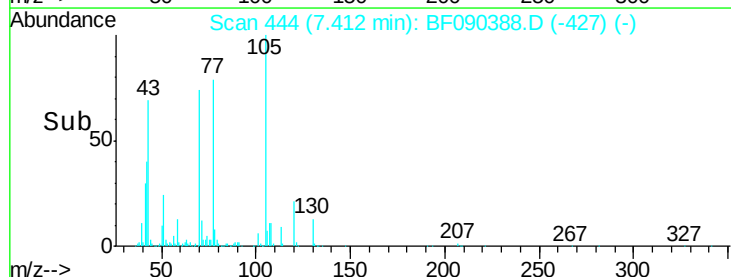


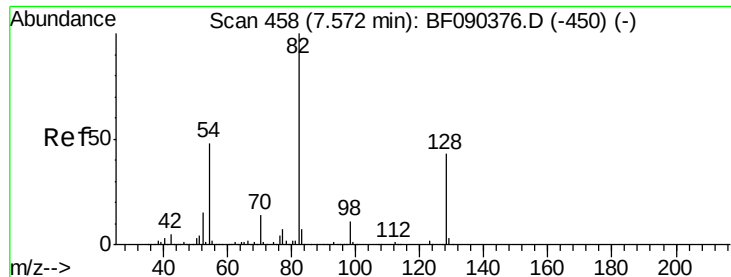
Abundance Ion 105.00 (104.70 to 105.70): E

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

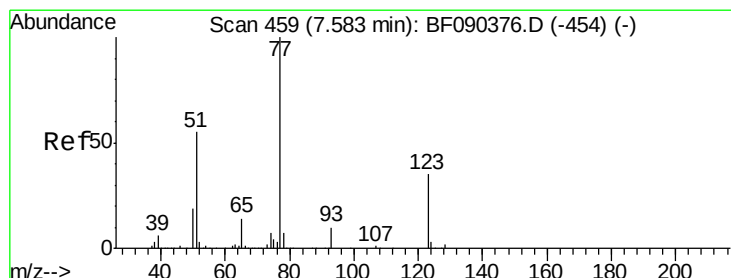
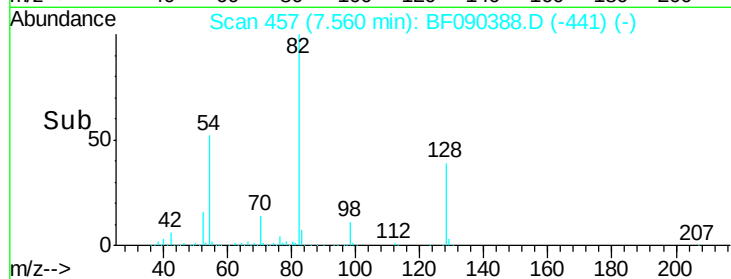
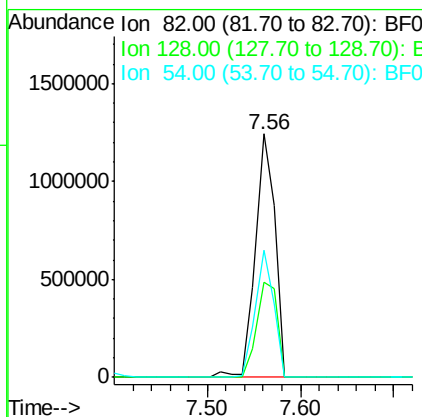
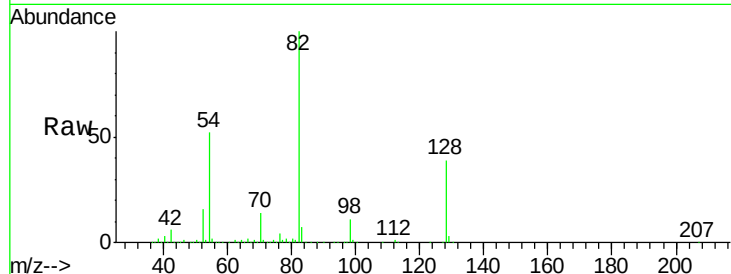




#23
 Nitrobenzene-d5
 Concen: 90.16 ng
 RT: 7.56 min Scan# 457
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

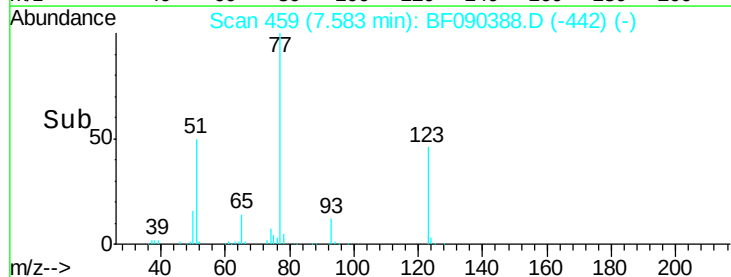
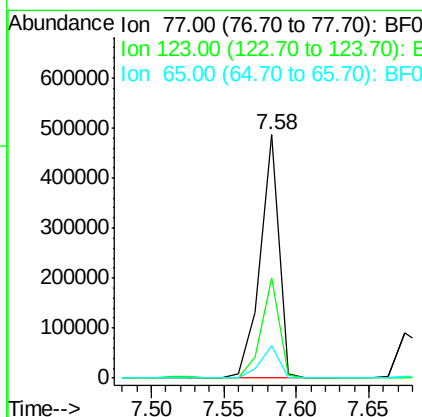
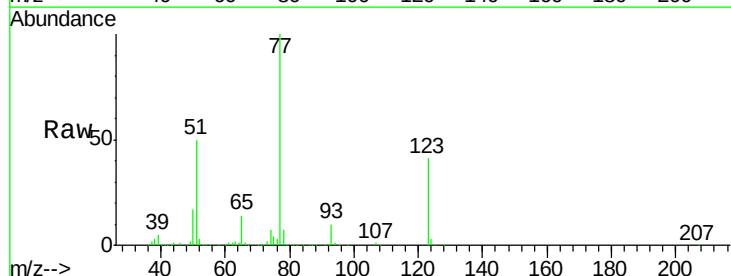
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

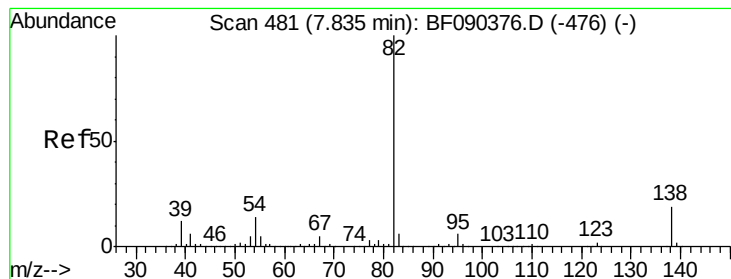
Tgt Ion: 82 Resp: 1811291
 Ion Ratio Lower Upper
 82 100
 128 38.8 40.0 60.0#
 54 52.3 42.6 64.0



#24
 Nitrobenzene
 Concen: 21.93 ng
 RT: 7.58 min Scan# 459
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion: 77 Resp: 437371
 Ion Ratio Lower Upper
 77 100
 123 41.3 33.0 49.4
 65 13.5 12.0 18.0





#25

Isophorone

Concen: 20.22 ng

RT: 7.82 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

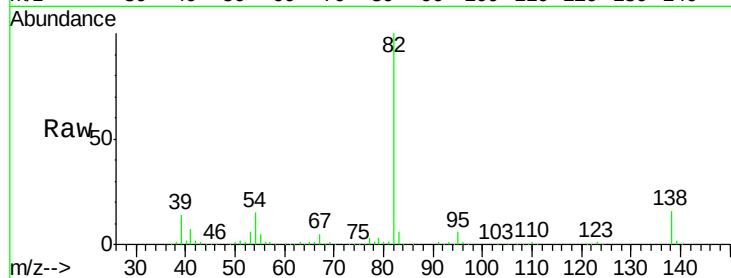
Tgt Ion: 82 Resp: 742692

Ion Ratio Lower Upper

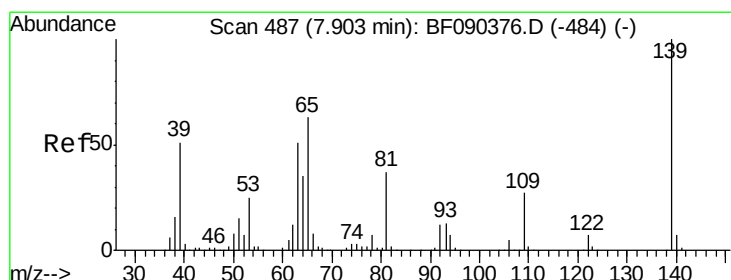
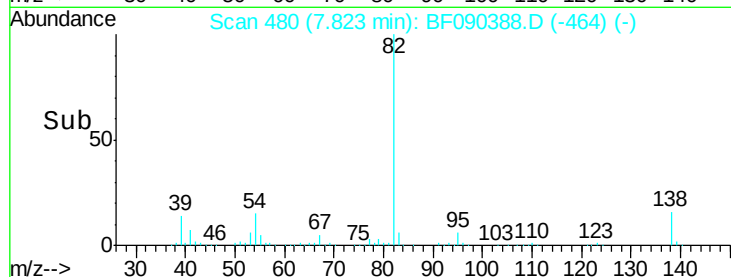
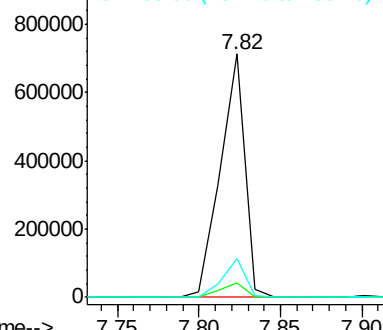
82 100

95 6.2 5.2 7.8

138 16.0 13.0 19.4



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 19.60 ng

RT: 7.90 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

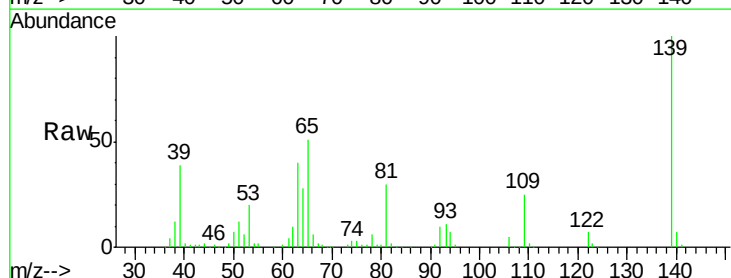
Tgt Ion: 139 Resp: 168283

Ion Ratio Lower Upper

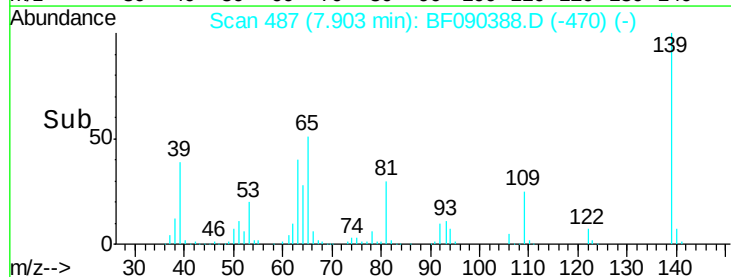
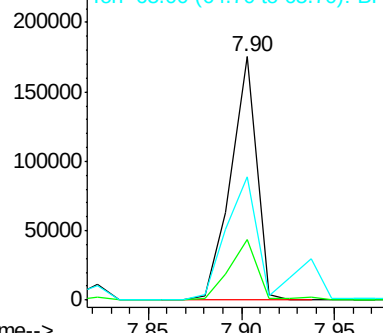
139 100

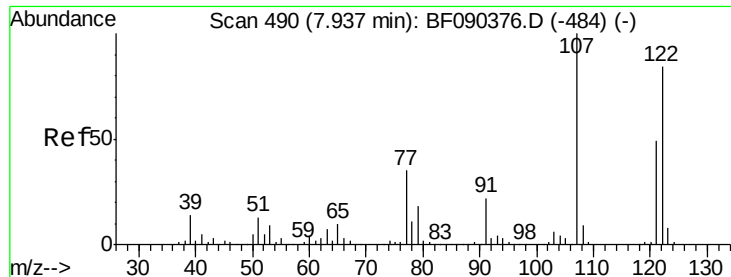
109 25.0 18.9 28.3

65 50.6 31.6 47.4#



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

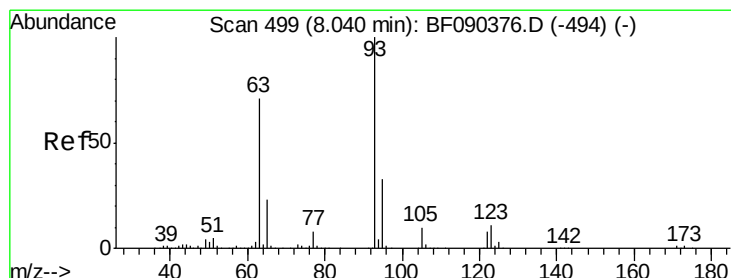
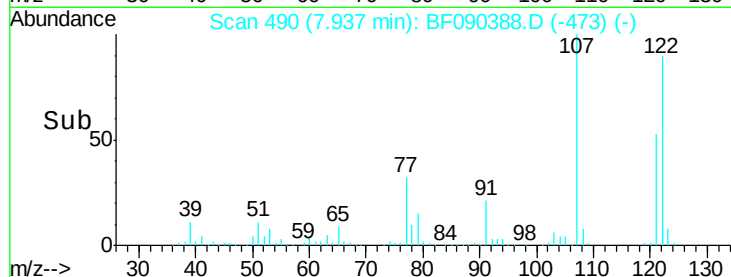
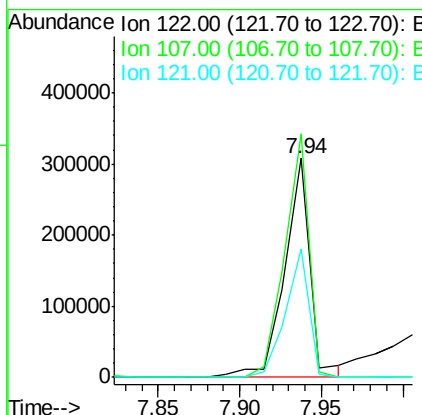
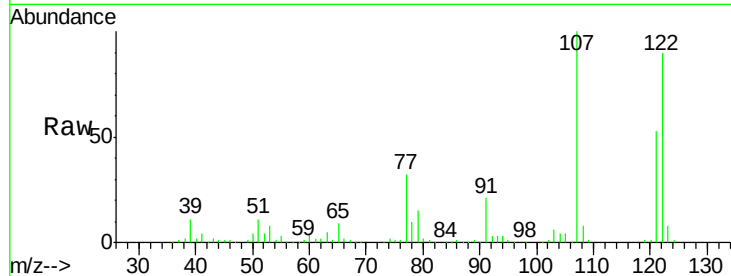




#27
 2,4-Dimethylphenol
 Concen: 20.07 ng
 RT: 7.94 min Scan# 490
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

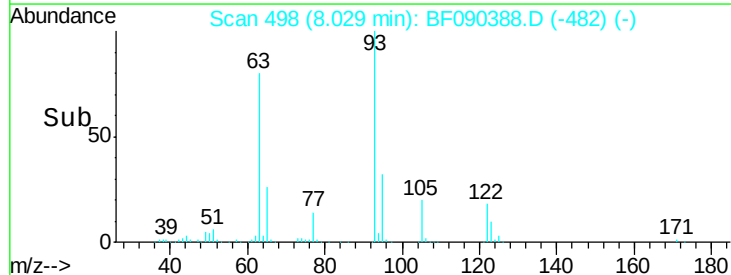
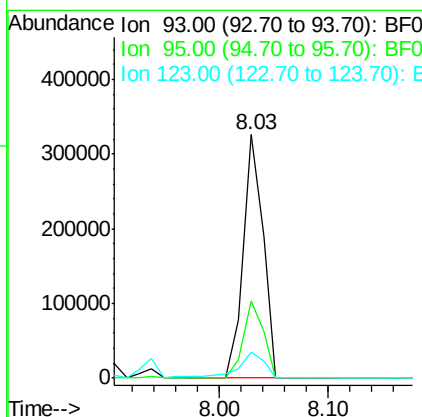
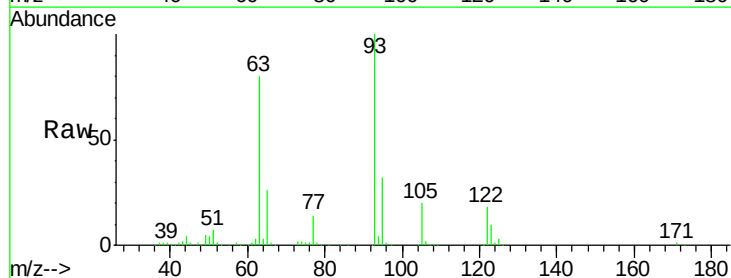
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

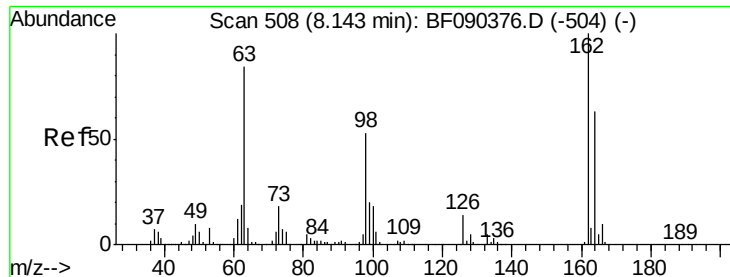
Tgt Ion: 122 Resp: 335027
 Ion Ratio Lower Upper
 122 100
 107 111.3 88.6 132.8
 121 58.6 47.5 71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 18.80 ng
 RT: 8.03 min Scan# 498
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion: 93 Resp: 408377
 Ion Ratio Lower Upper
 93 100
 95 31.9 27.0 40.4
 123 10.5 11.1 16.7#

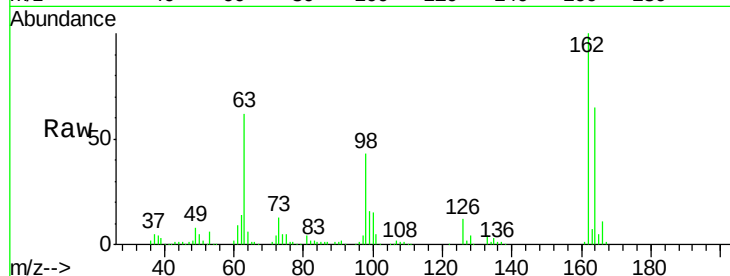




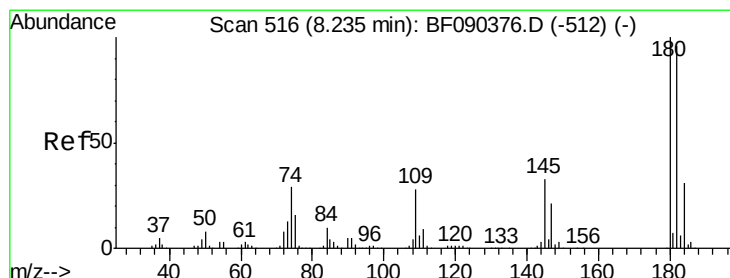
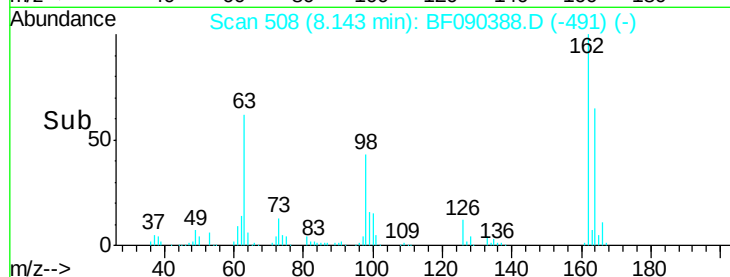
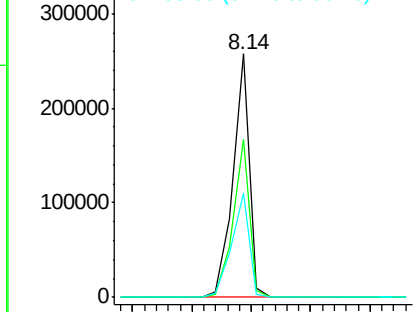
#29
 2,4-Dichlorophenol
 Concen: 19.37 ng
 RT: 8.14 min Scan# 508
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:162 Resp: 245862
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.7 85.7
 98 42.6 13.3 53.3

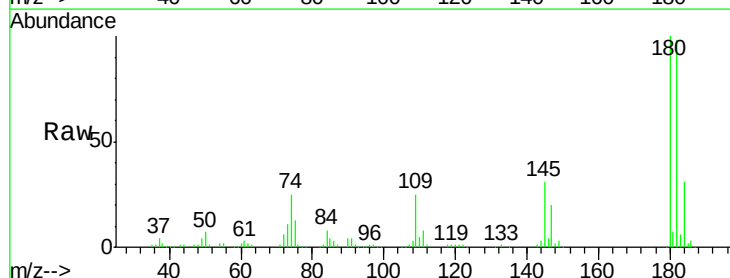


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

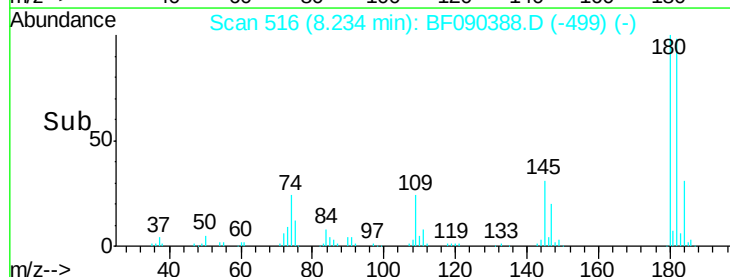
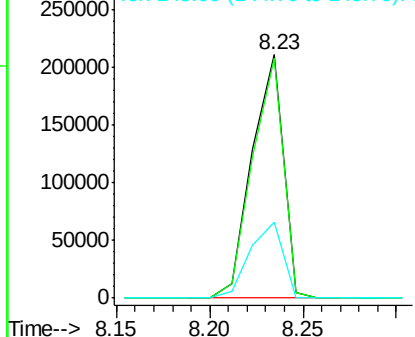


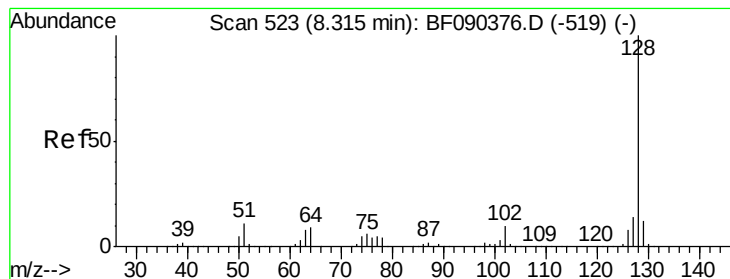
#30
 1,2,4-Trichlorobenzene
 Concen: 18.80 ng
 RT: 8.23 min Scan# 516
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:180 Resp: 245888
 Ion Ratio Lower Upper
 180 100
 182 98.2 75.3 112.9
 145 31.3 27.7 41.5



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





#31

Naphthalene

Concen: 20.58 ng

RT: 8.31 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

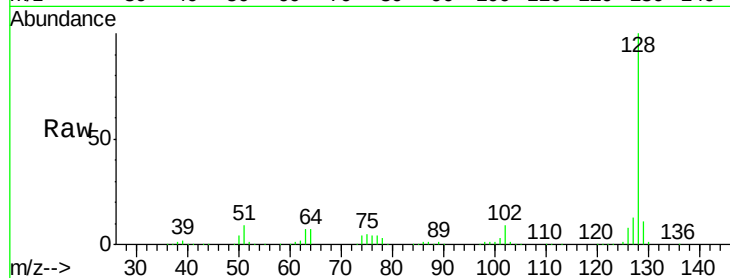
Tgt Ion:128 Resp: 970364

Ion Ratio Lower Upper

128 100

129 11.2 9.7 14.5

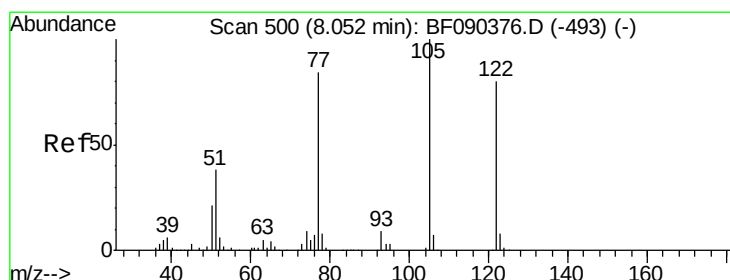
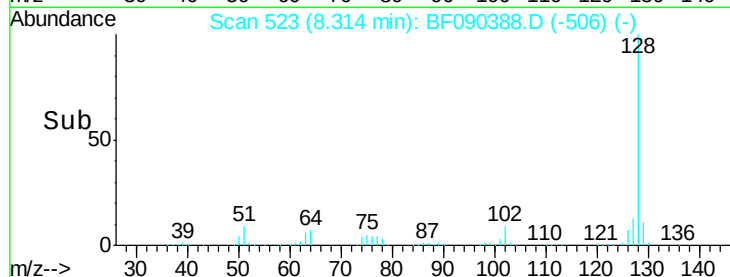
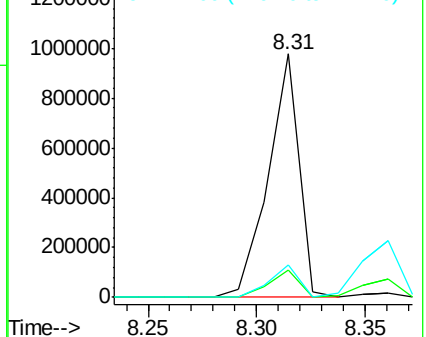
127 13.3 11.7 17.5



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 18.83 ng

RT: 8.02 min Scan# 497

Delta R.T. -0.03 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

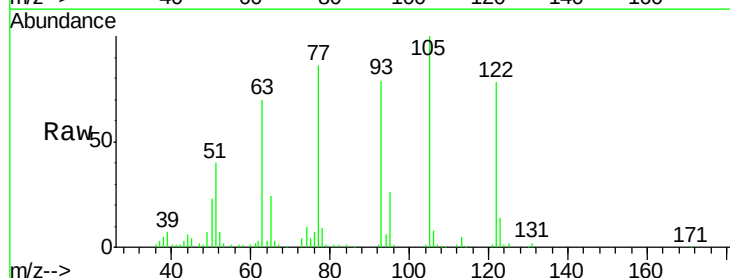
Tgt Ion:122 Resp: 218582

Ion Ratio Lower Upper

122 100

105 128.3 103.9 143.9

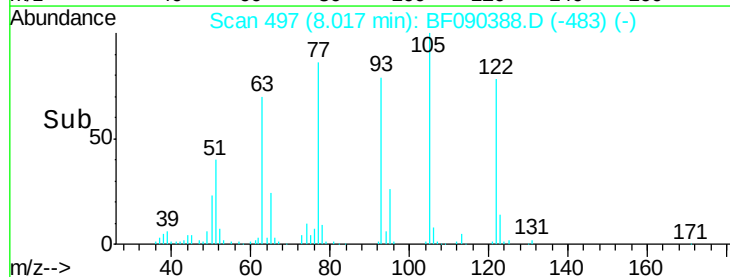
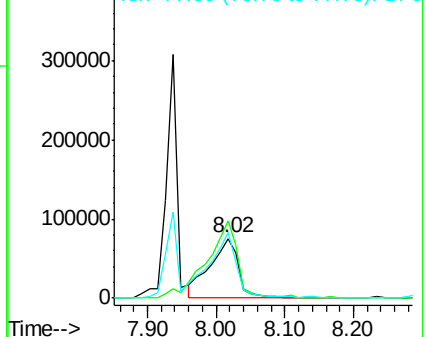
77 110.1 74.6 114.6

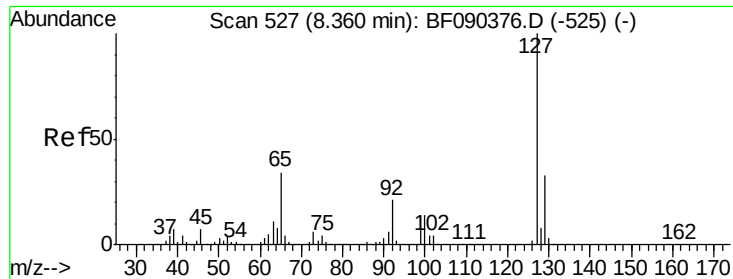


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

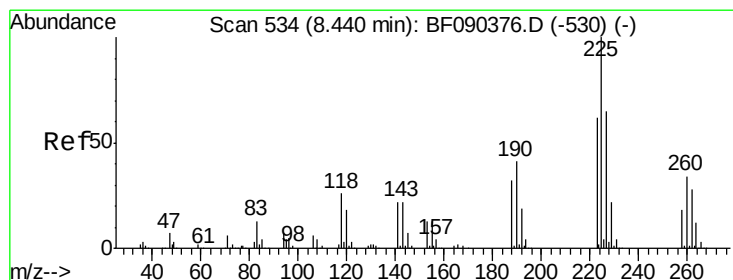
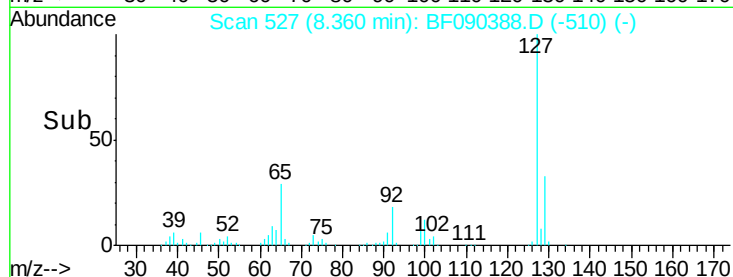
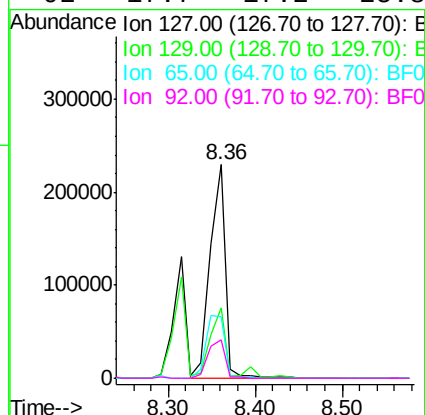
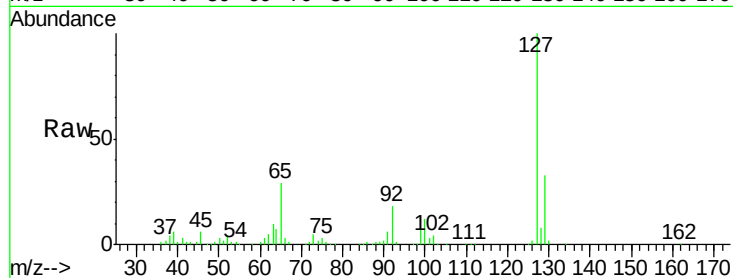




#33
4-Chloroaniline
Concen: 14.53 ng
RT: 8.36 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

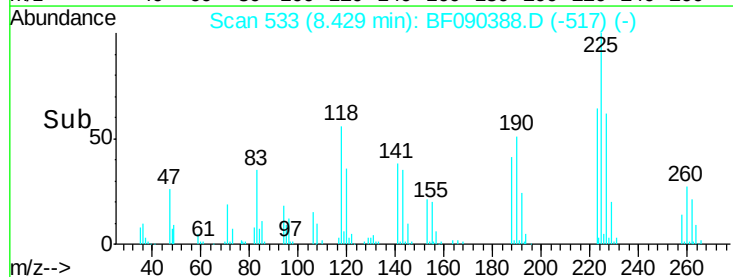
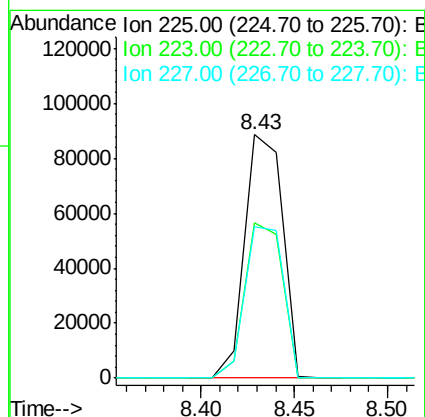
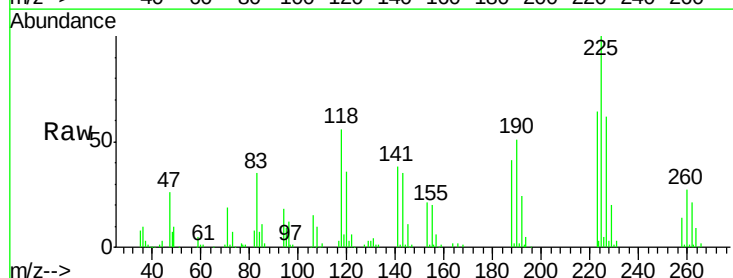
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

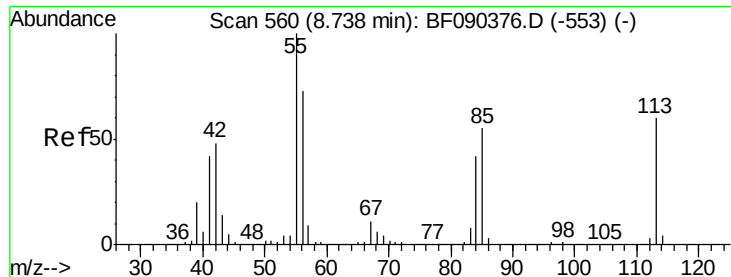
Tgt Ion:	127	Resp:	283145
Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.4
65	28.8	32.5	48.7#
92	17.7	17.2	25.8



#34
Hexachlorobutadiene
Concen: 16.99 ng
RT: 8.43 min Scan# 533
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:	225	Resp:	124197
Ion	Ratio	Lower	Upper
225	100		
223	63.6	51.0	76.4
227	62.2	50.8	76.2

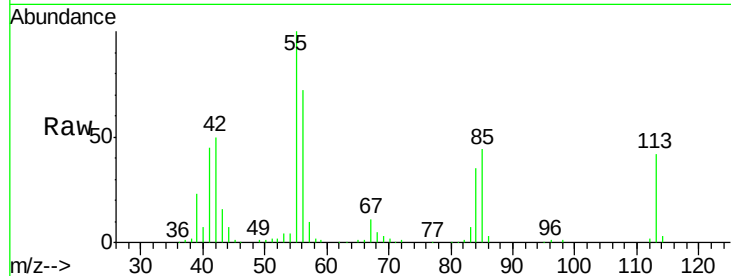




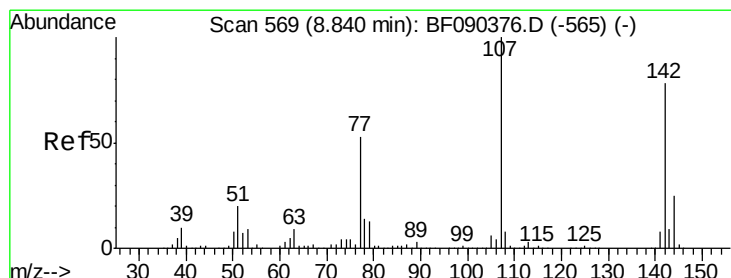
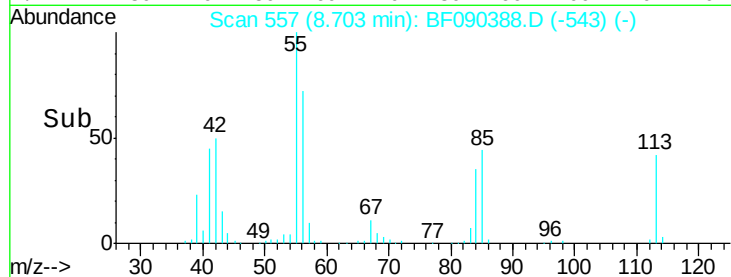
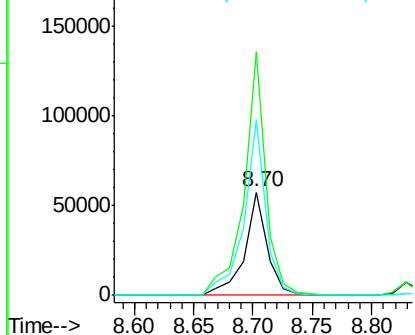
#35
 Caprolactam
 Concen: 17.82 ng
 RT: 8.70 min Scan# 557
 Delta R.T. -0.03 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:113 Resp: 76032
 Ion Ratio Lower Upper
 113 100
 55 236.5 203.3 243.3
 56 171.3 140.5 180.5

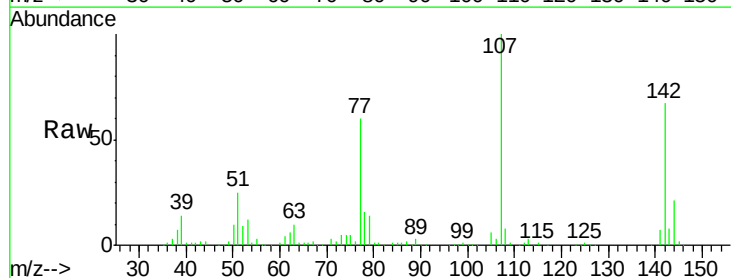


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

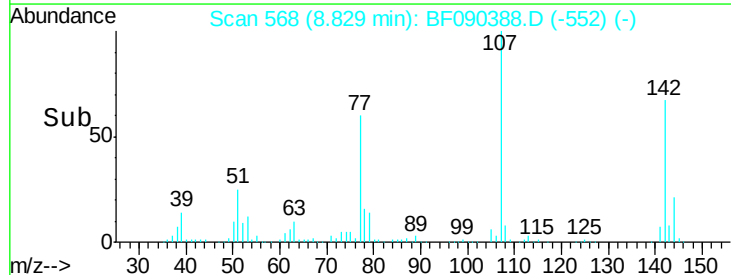
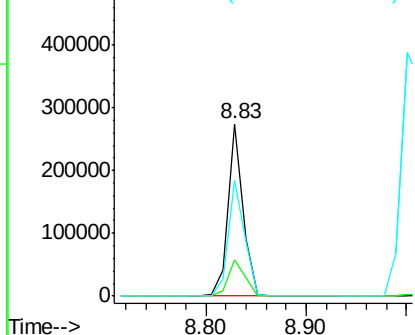


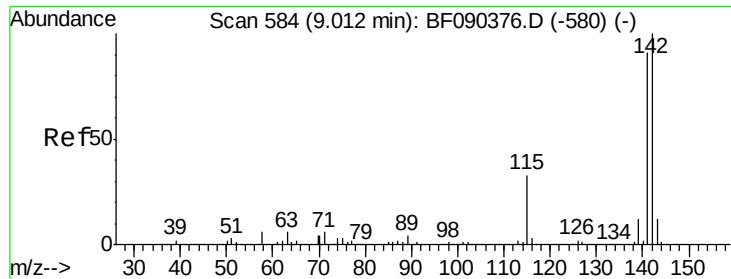
#36
 4-Chloro-3-methylphenol
 Concen: 17.93 ng
 RT: 8.83 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:107 Resp: 284958
 Ion Ratio Lower Upper
 107 100
 144 21.2 19.8 29.8
 142 67.2 60.7 91.1



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

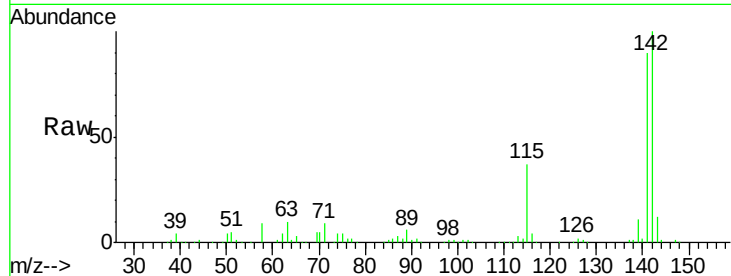




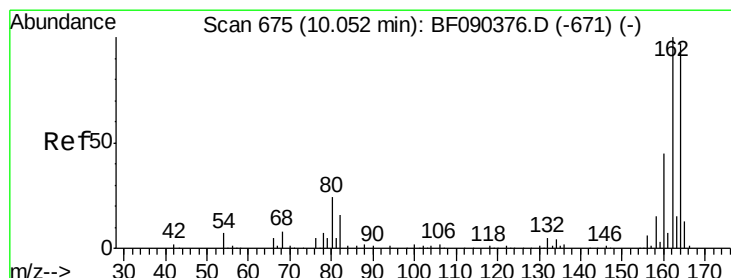
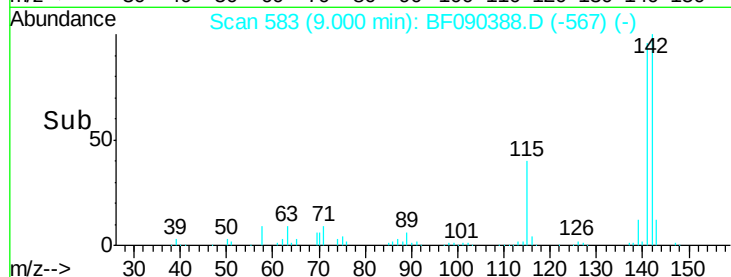
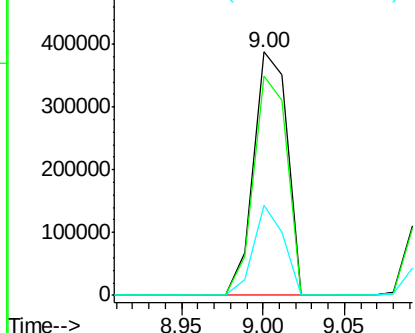
#37
 2-Methylnaphthalene
 Concen: 19.49 ng
 RT: 9.00 min Scan# 583
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:142 Resp: 556112
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.8 107.8
 115 37.0 28.8 43.2

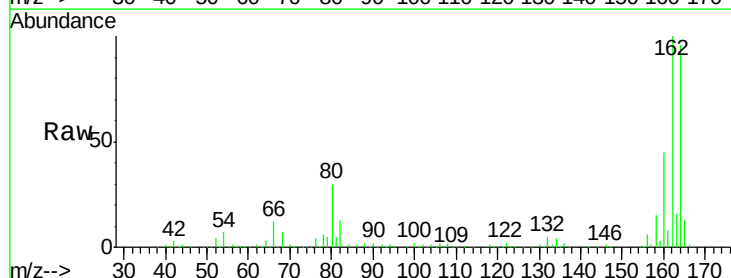


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

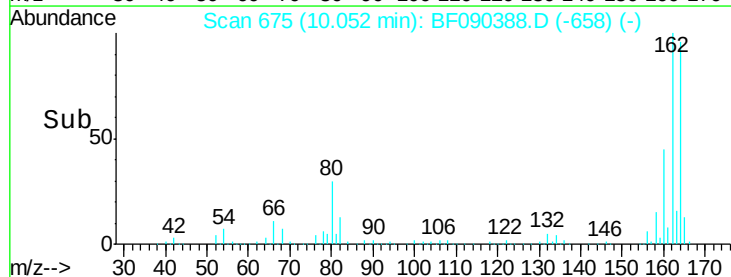
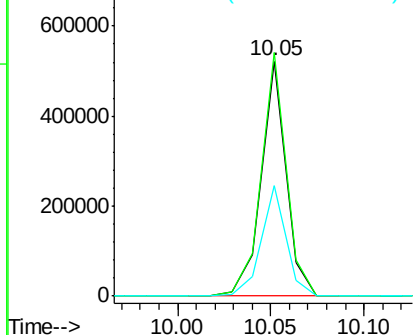


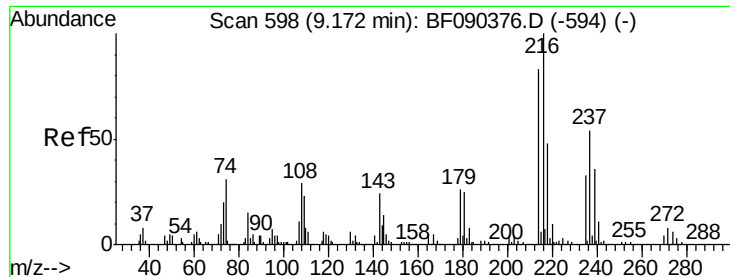
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.05 min Scan# 675
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:164 Resp: 479660
 Ion Ratio Lower Upper
 164 100
 162 103.7 80.1 120.1
 160 46.9 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 18.65 ng

RT: 9.17 min Scan# 598

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

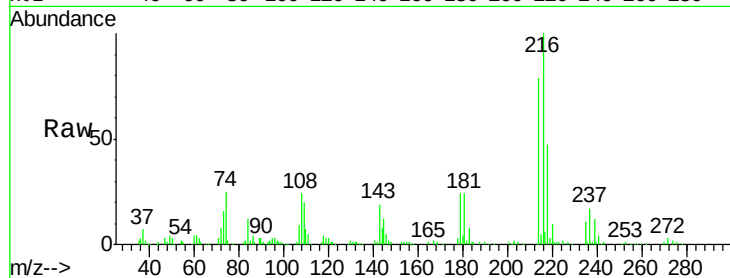
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	216	Resp:	235861
Ion Ratio		Lower	Upper
216	100		
214	78.8	64.2	96.2
179	24.2	18.0	27.0
108	26.1	15.2	22.8#



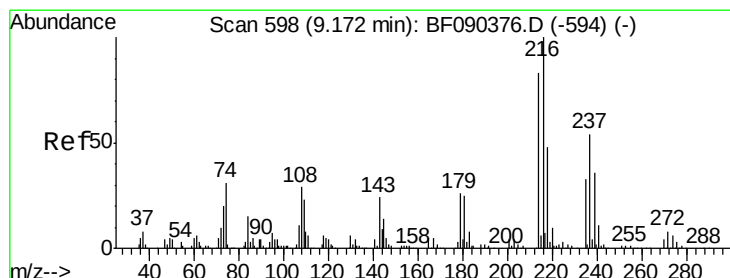
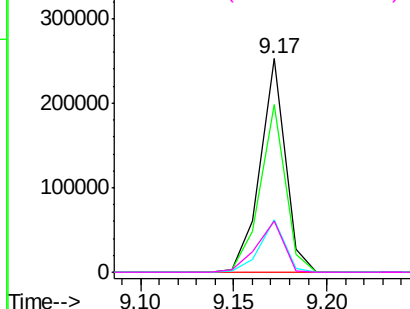
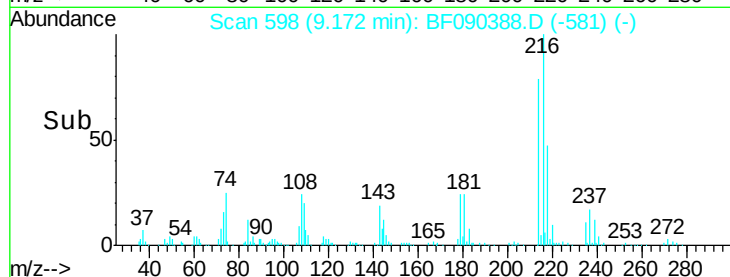
Abundance

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: 17.15 ng

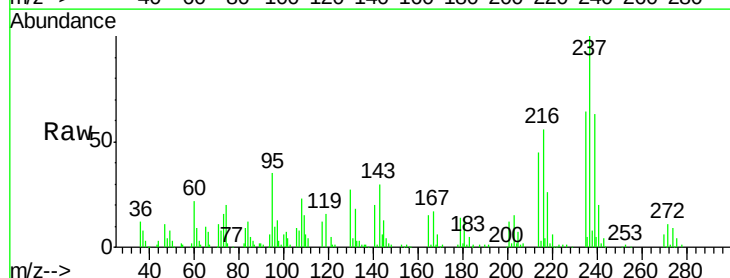
RT: 9.16 min Scan# 597

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Tgt Ion:	237	Resp:	118895
Ion Ratio		Lower	Upper
237	100		
235	64.5	43.6	83.6
272	11.3	0.0	32.7

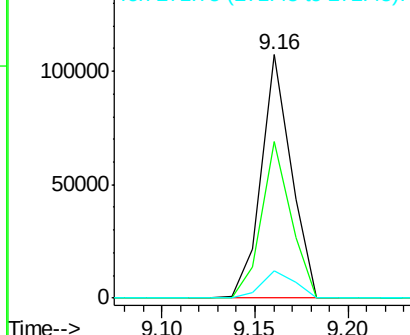
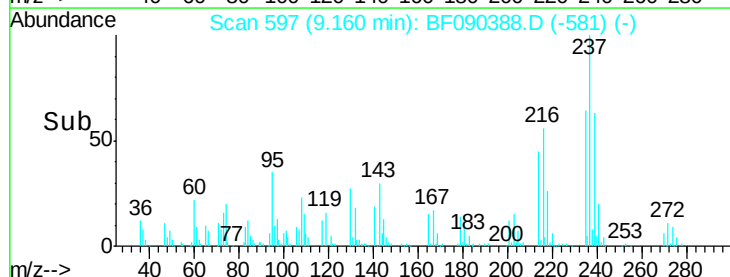


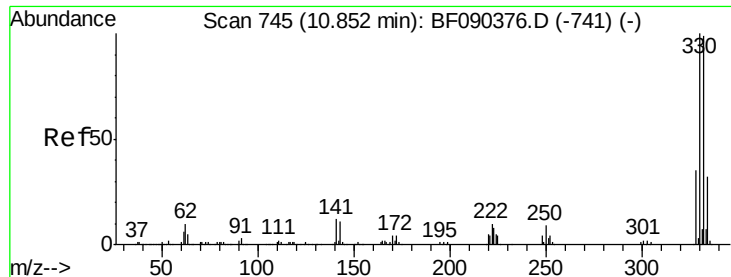
Abundance

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

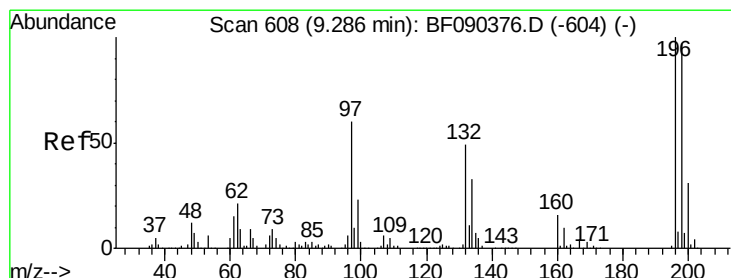
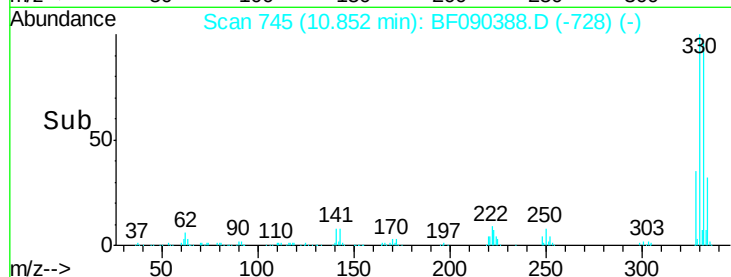
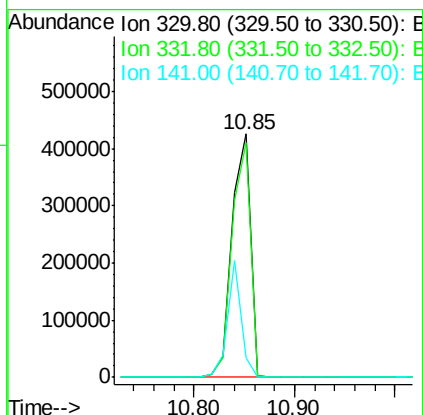
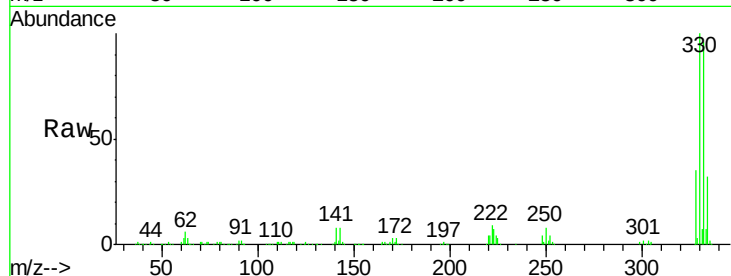




#41
 2,4,6-Tribromophenol
 Concen: 139.78 ng
 RT: 10.85 min Scan# 745
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

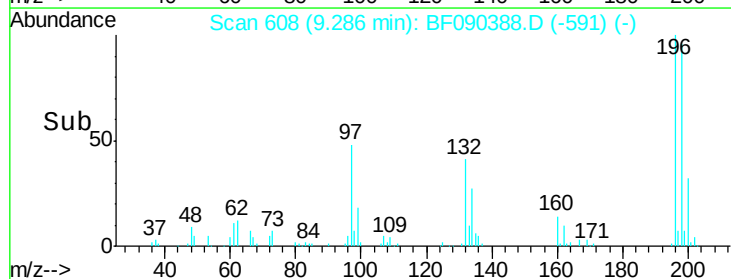
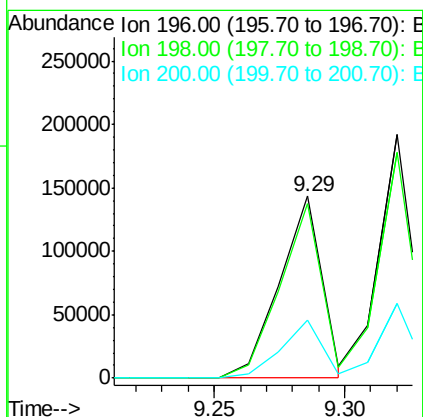
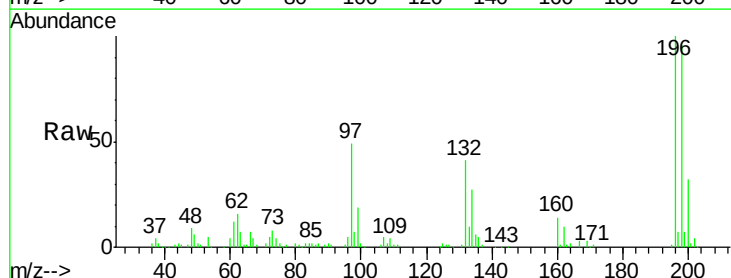
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

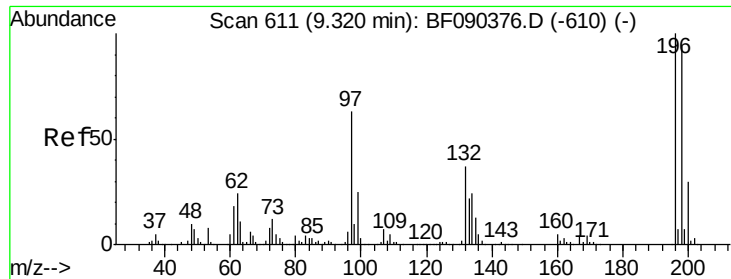
Tgt Ion:330 Resp: 545189
 Ion Ratio Lower Upper
 330 100
 332 96.2 75.4 113.0
 141 36.0 26.9 40.3



#42
 2,4,6-Trichlorophenol
 Concen: 18.53 ng
 RT: 9.29 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:196 Resp: 161681
 Ion Ratio Lower Upper
 196 100
 198 95.9 78.9 118.3
 200 31.6 25.4 38.2

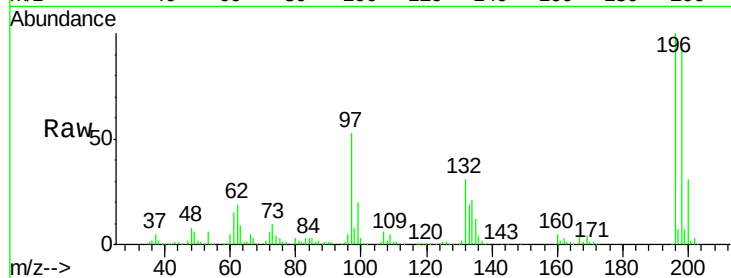




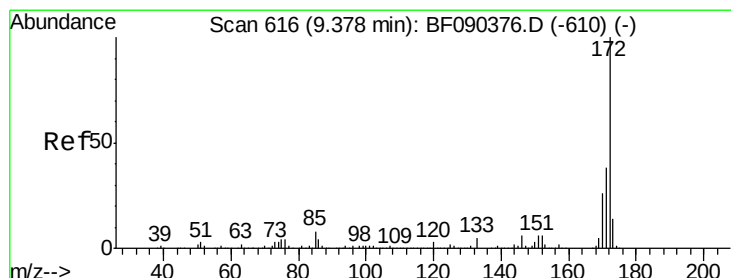
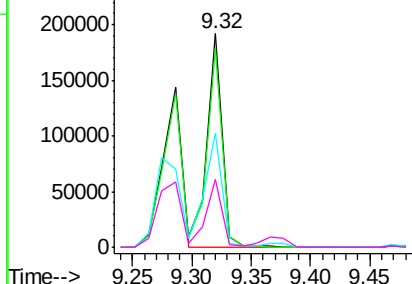
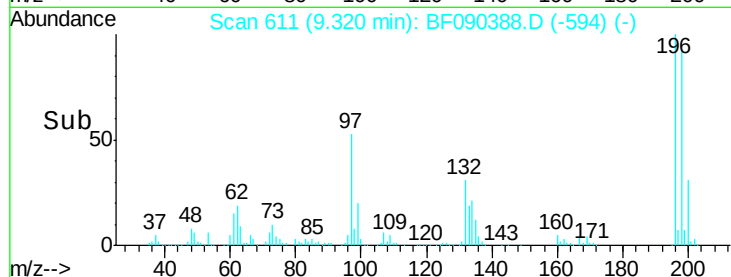
#43
 2,4,5-Trichlorophenol
 Concen: 20.55 ng
 RT: 9.32 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:196 Resp: 169552
 Ion Ratio Lower Upper
 196 100
 198 92.9 78.1 117.1
 97 53.3 48.1 72.1
 132 31.5 27.4 41.2

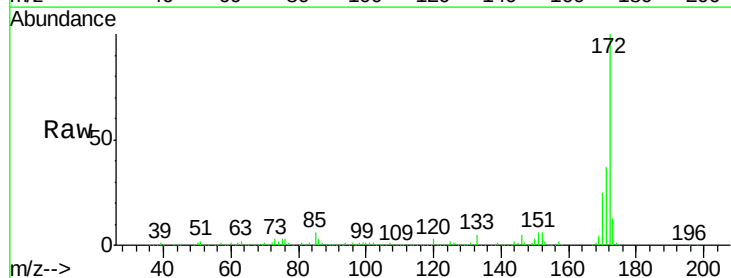


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

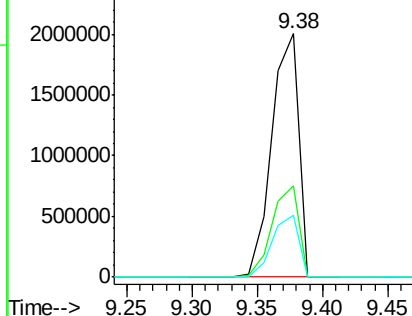
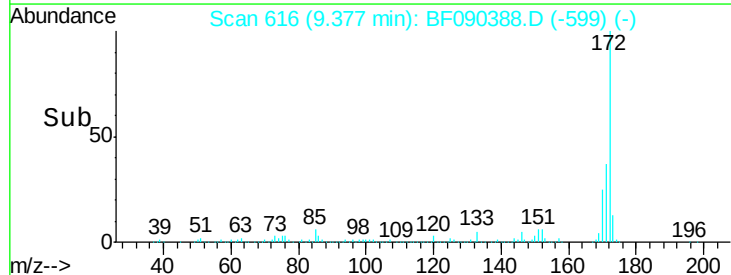


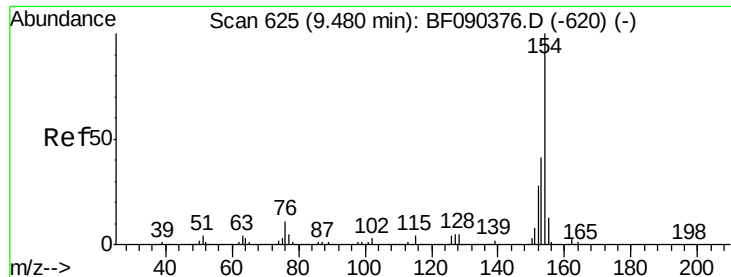
#44
 2-Fluorobiphenyl
 Concen: 101.05 ng
 RT: 9.38 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:172 Resp: 2908997
 Ion Ratio Lower Upper
 172 100
 171 37.3 31.8 47.8
 170 25.2 21.7 32.5



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: 20.12 ng

RT: 9.47 min Scan# 624

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

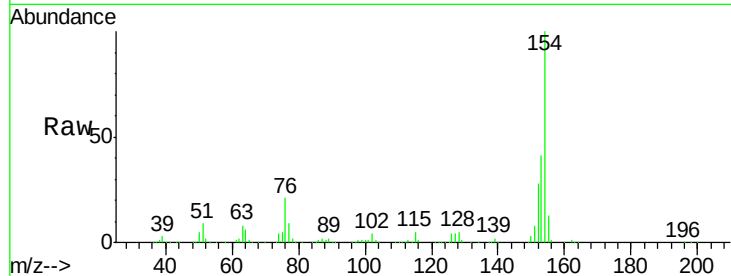
Tgt Ion:154 Resp: 714996

Ion Ratio Lower Upper

154 100

153 40.9 23.8 63.8

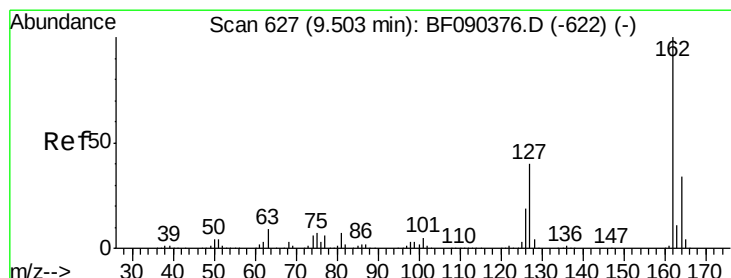
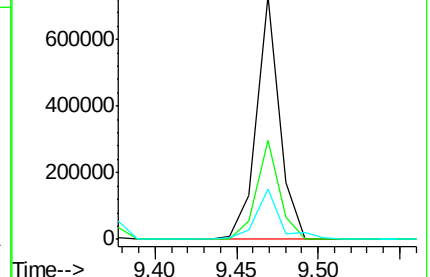
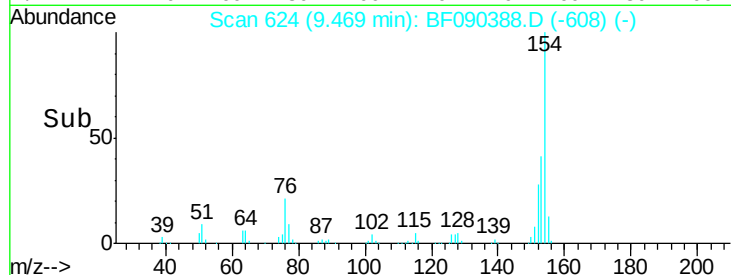
76 20.9 0.0 35.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 19.71 ng

RT: 9.49 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

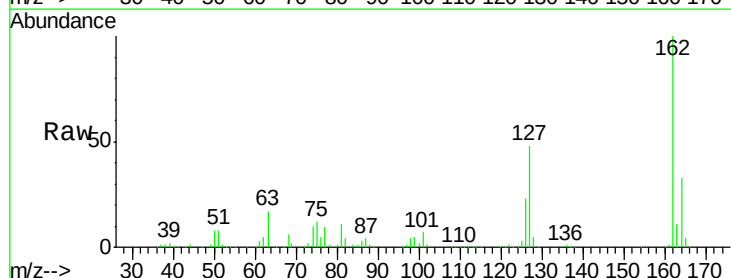
Tgt Ion:162 Resp: 517681

Ion Ratio Lower Upper

162 100

127 47.8 35.6 53.4

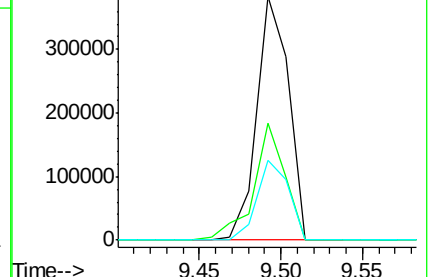
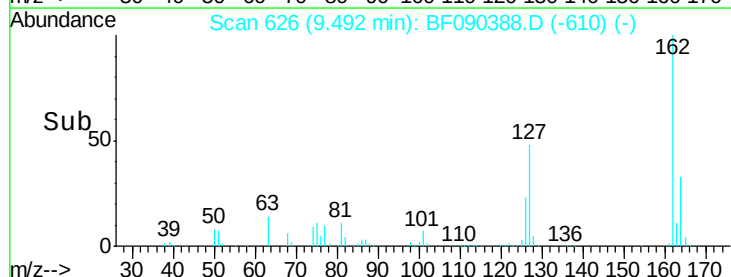
164 32.7 27.5 41.3

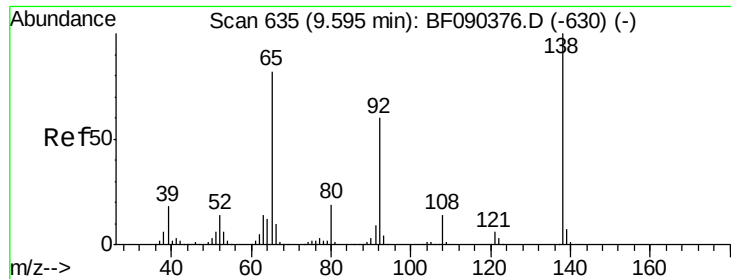


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 20.72 ng

RT: 9.58 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

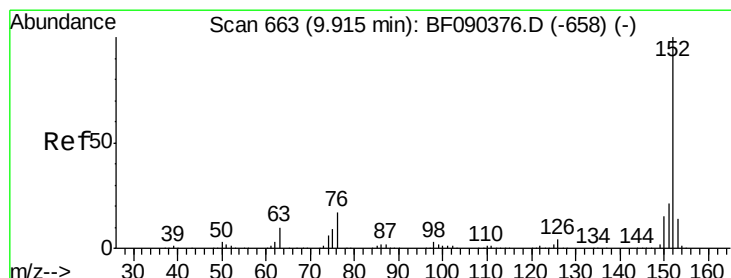
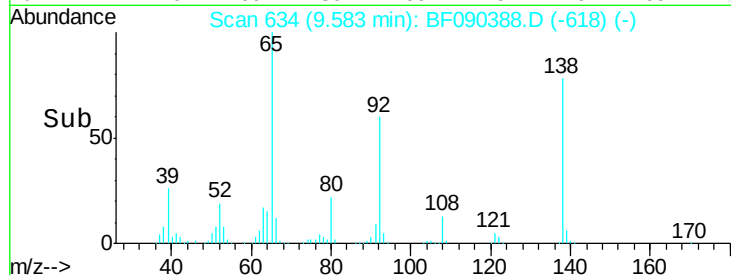
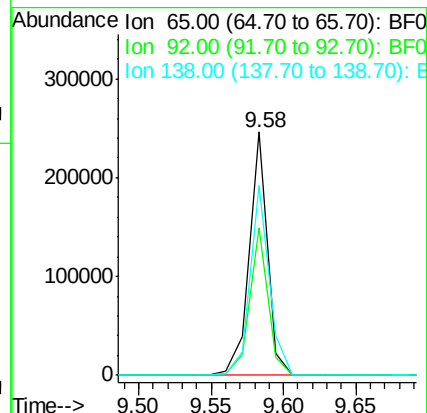
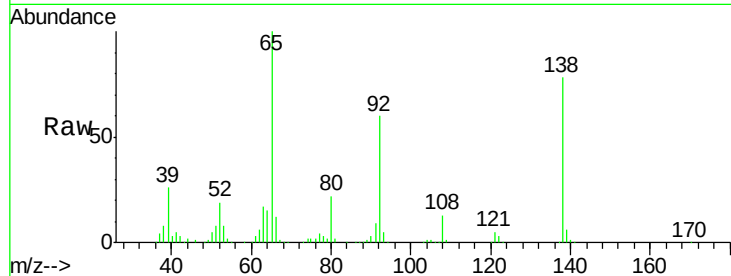
Tgt Ion: 65 Resp: 214668

Ion Ratio Lower Upper

65 100

92 60.5 51.7 77.5

138 77.8 79.0 118.4#



#48

Acenaphthylene

Concen: 21.04 ng

RT: 9.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

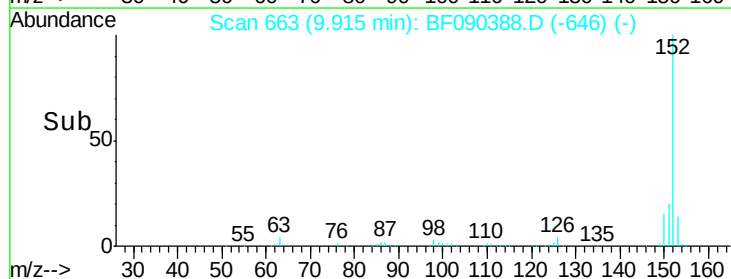
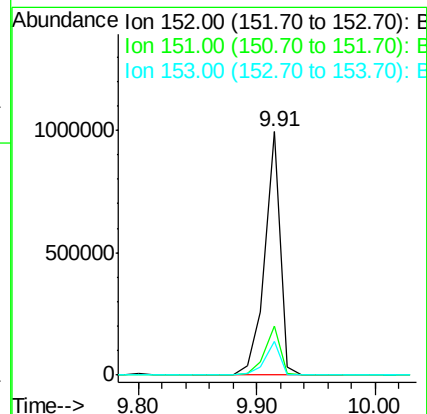
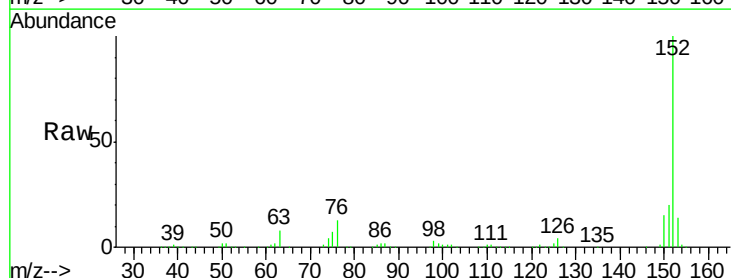
Tgt Ion: 152 Resp: 911605

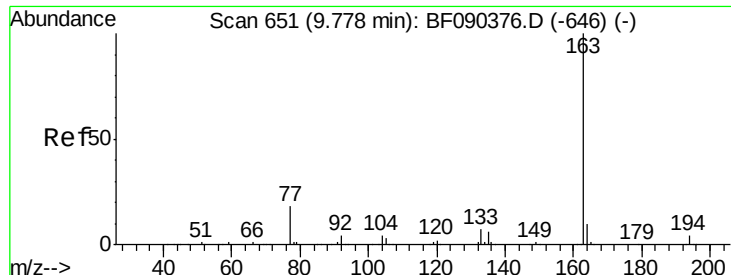
Ion Ratio Lower Upper

152 100

151 20.4 17.4 26.0

153 13.6 11.6 17.4

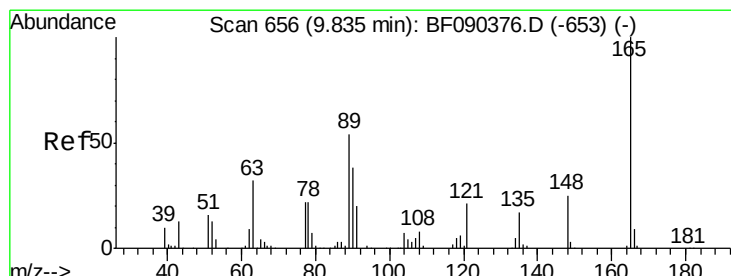
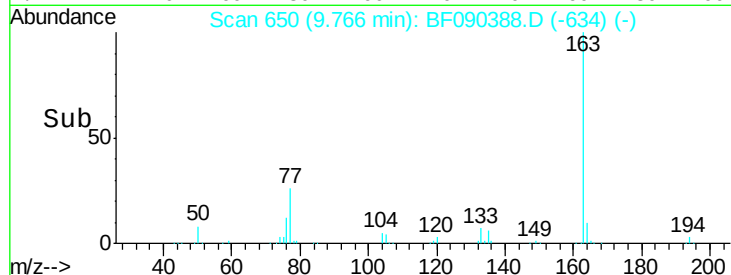
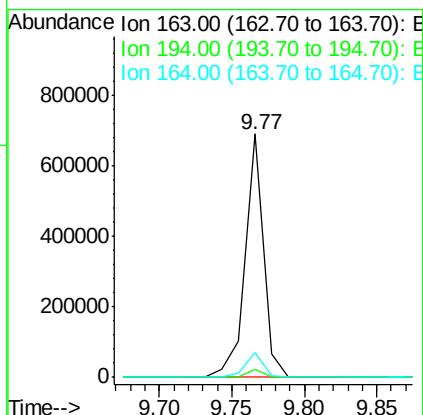
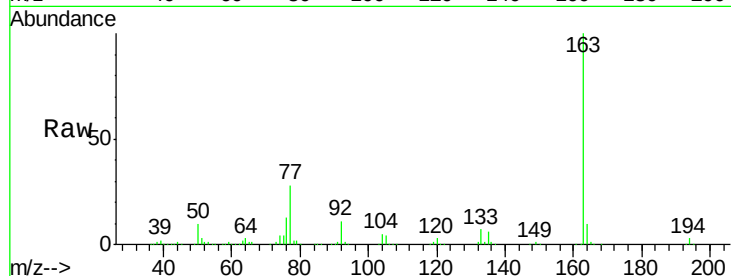




#49
Dimethylphthalate
Concen: 19.78 ng
RT: 9.77 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

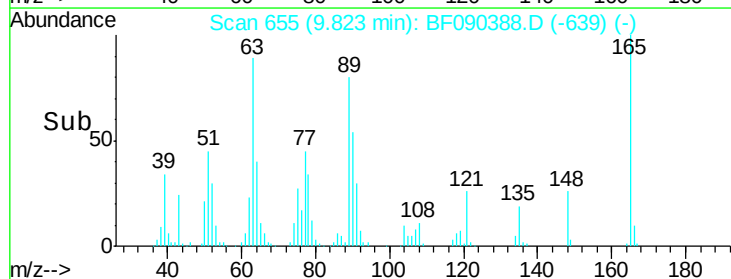
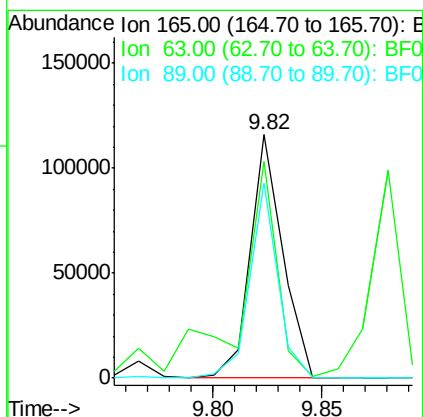
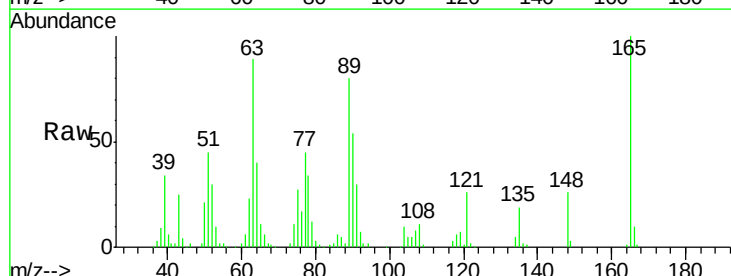
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

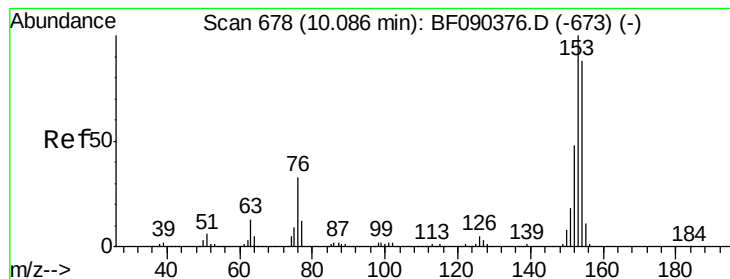
Tgt Ion:163 Resp: 607635
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.3 9.0 13.4



#50
2,6-Dinitrotoluene
Concen: 17.66 ng
RT: 9.82 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:165 Resp: 120432
Ion Ratio Lower Upper
165 100
63 89.2 58.0 87.0#
89 80.0 51.2 76.8#





#51

Acenaphthene

Concen: 20.80 ng

RT: 10.09 min Scan# 678

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

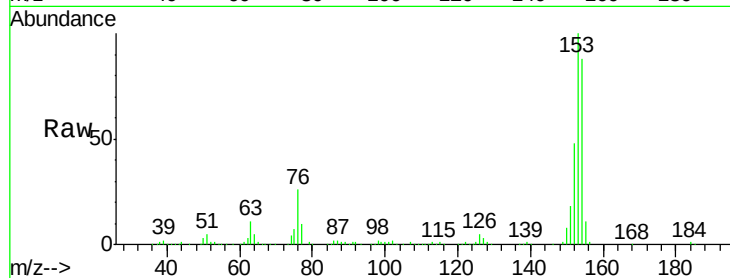
Tgt Ion:154 Resp: 562086

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

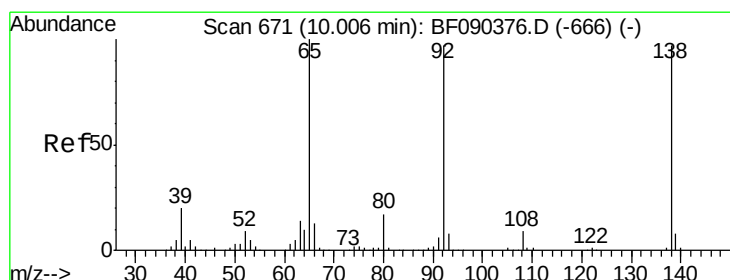
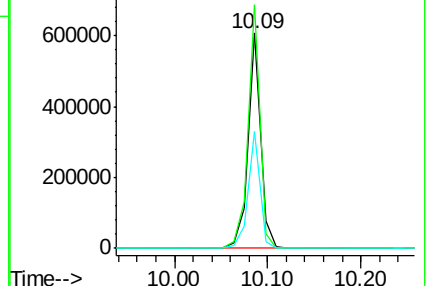
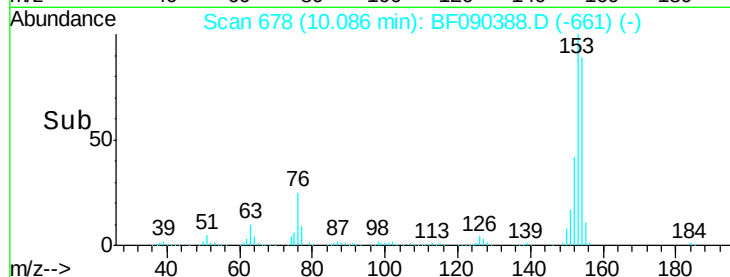
152 54.0 42.6 64.0



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: 17.96 ng

RT: 9.99 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

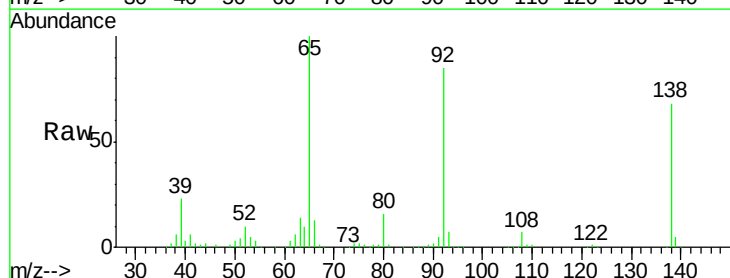
Tgt Ion:138 Resp: 143120

Ion Ratio Lower Upper

138 100

108 10.6 9.7 14.5

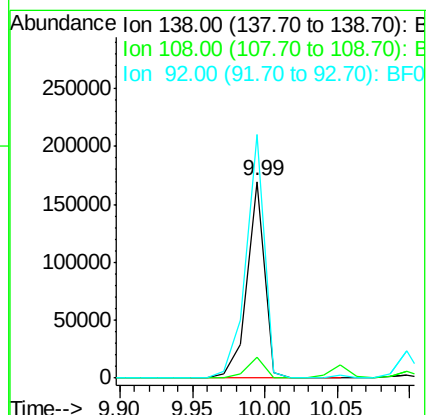
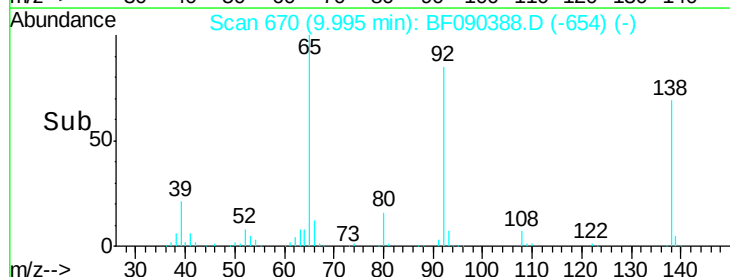
92 123.9 97.1 145.7

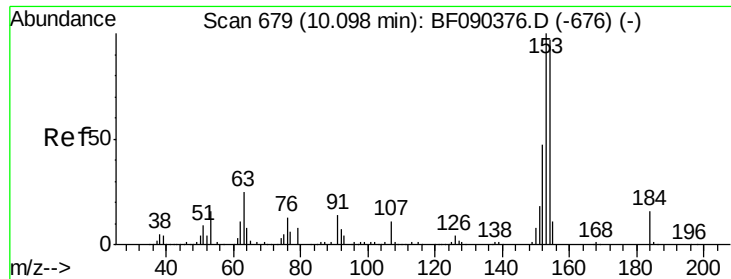


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

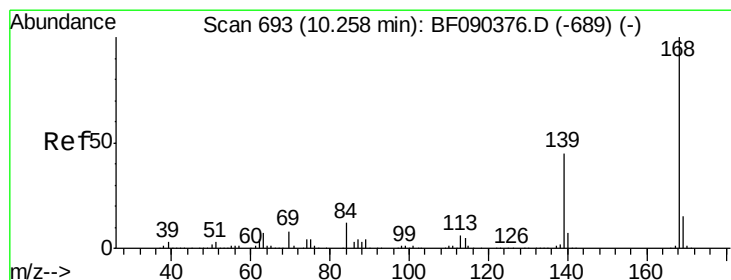
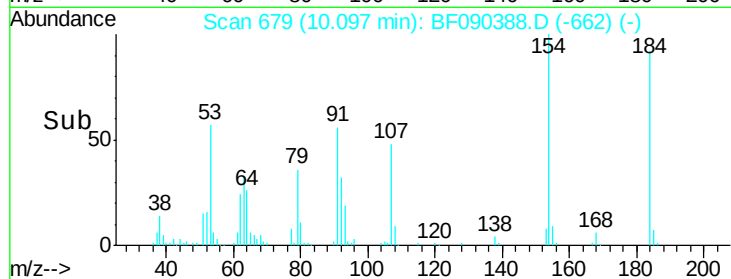
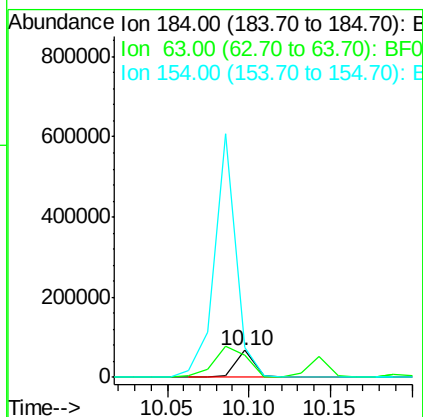
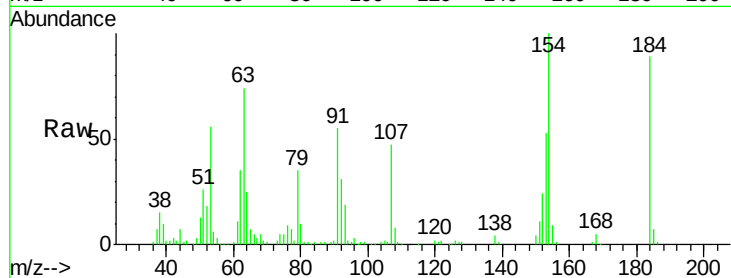




#53
 2,4-Dinitrophenol
 Concen: 17.75 ng
 RT: 10.10 min Scan# 679
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

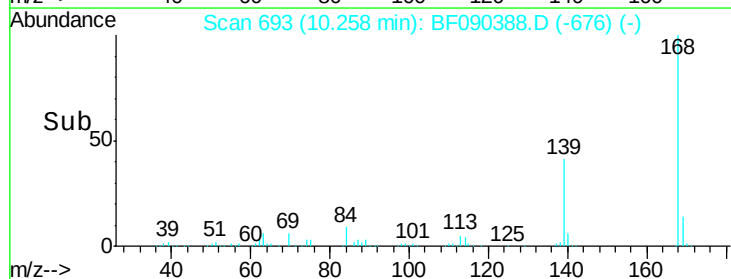
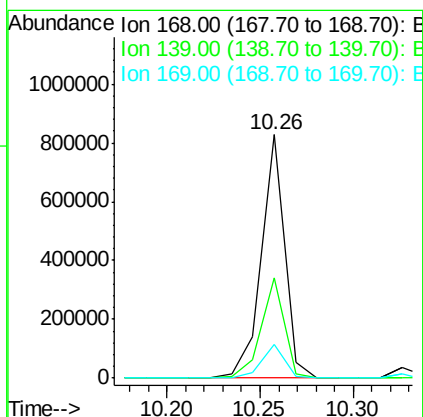
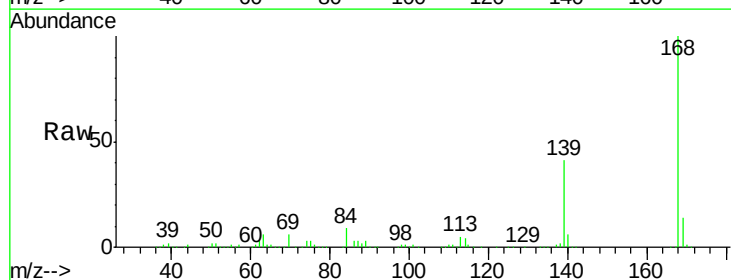
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

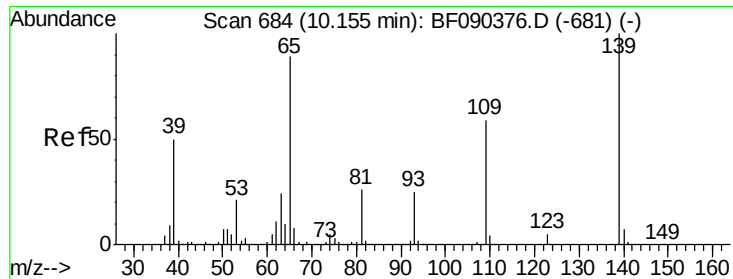
Tgt Ion:184 Resp: 53970
 Ion Ratio Lower Upper
 184 100
 63 83.6 41.9 62.9#
 154 112.5 48.9 73.3#



#54
 Dibenzofuran
 Concen: 20.38 ng
 RT: 10.26 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:168 Resp: 712758
 Ion Ratio Lower Upper
 168 100
 139 41.0 29.6 44.4
 169 13.8 11.3 16.9

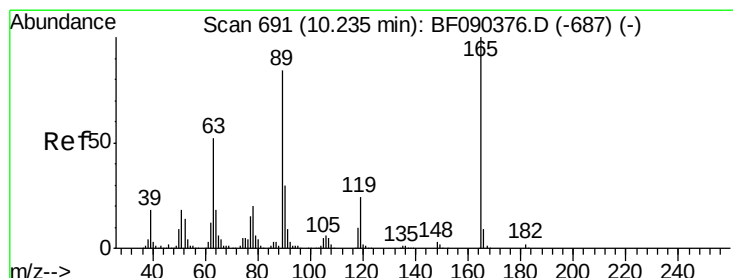
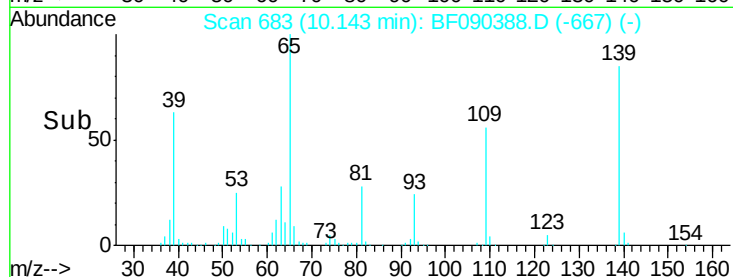
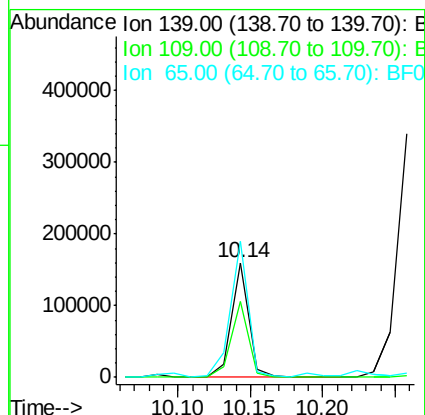
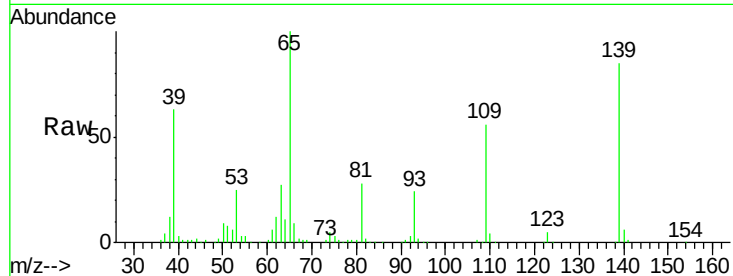




#55
4-Nitrophenol
Concen: 19.34 ng
RT: 10.14 min Scan# 683
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

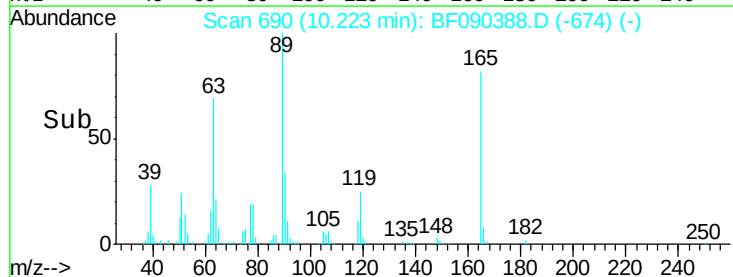
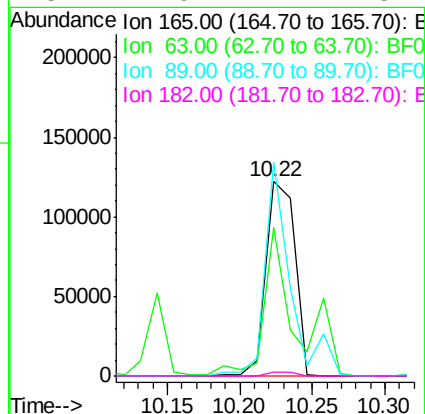
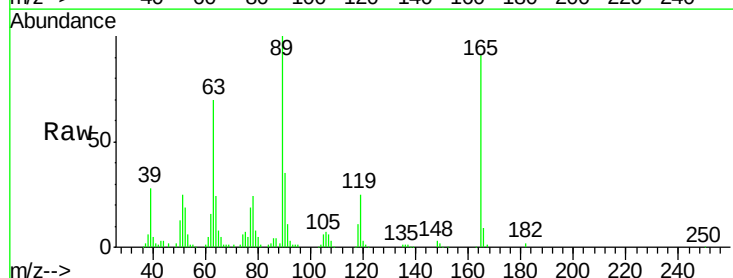
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

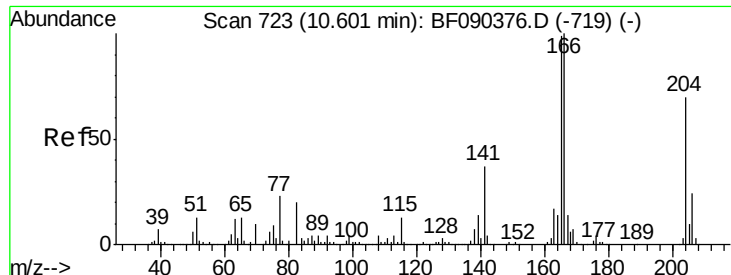
Tgt Ion:139 Resp: 134830
Ion Ratio Lower Upper
139 100
109 66.2 43.6 83.6
65 118.2 87.5 127.5



#56
2,4-Dinitrotoluene
Concen: 18.52 ng
RT: 10.22 min Scan# 690
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:165 Resp: 168133
Ion Ratio Lower Upper
165 100
63 76.6 17.8 26.6#
89 109.9 33.2 49.8#
182 1.9 2.1 3.1#

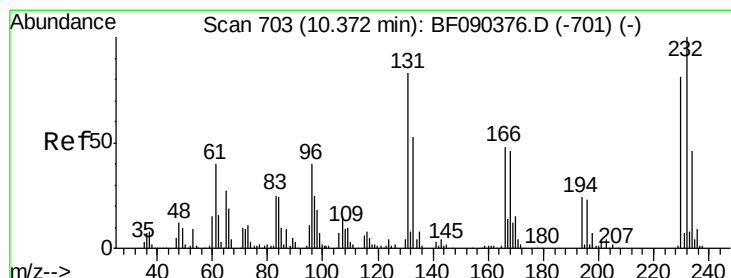
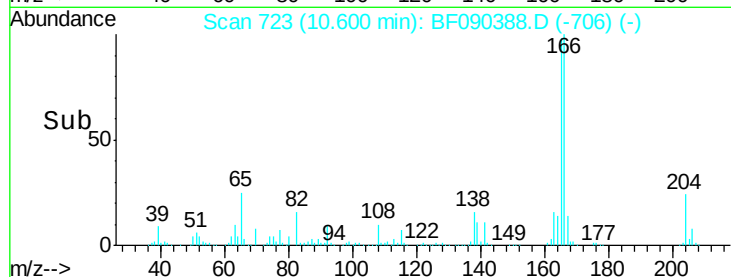
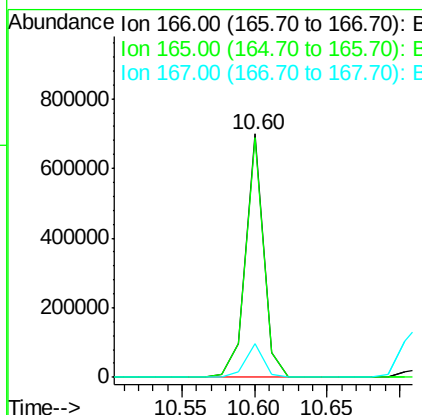
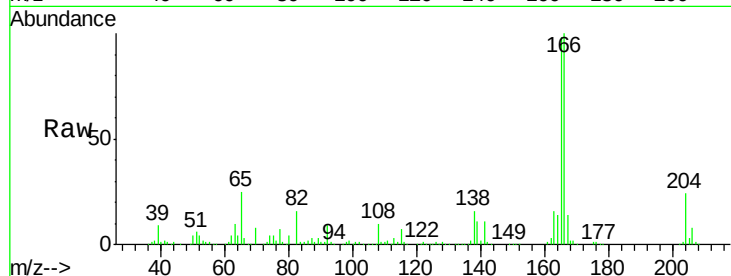




#57
Fluorene
 Concen: 20.54 ng
 RT: 10.60 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

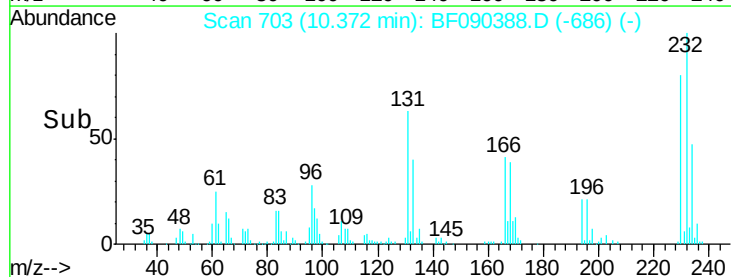
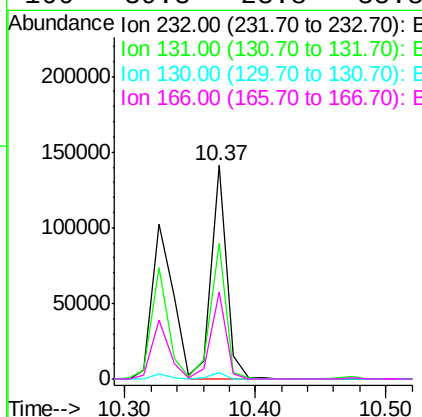
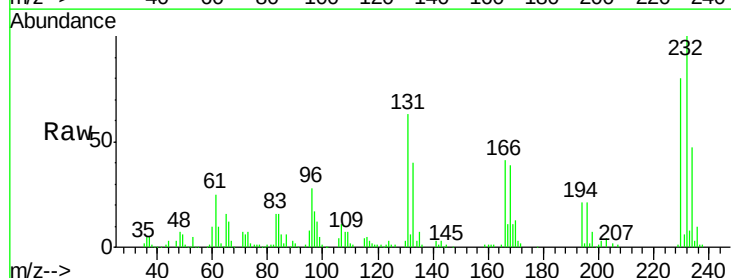
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

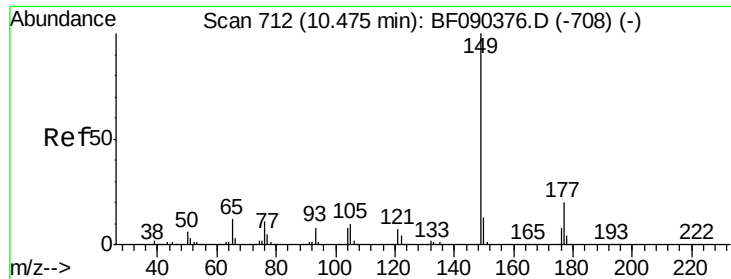
Tgt Ion:166 Resp: 603711
 Ion Ratio Lower Upper
 166 100
 165 98.4 79.2 118.8
 167 13.8 11.1 16.7



#58
2,3,4,6-Tetrachlorophenol
 Concen: 18.98 ng
 RT: 10.37 min Scan# 703
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:232 Resp: 116978
 Ion Ratio Lower Upper
 232 100
 131 62.8 34.5 51.7#
 130 3.1 1.6 2.4#
 166 39.3 23.8 35.8#

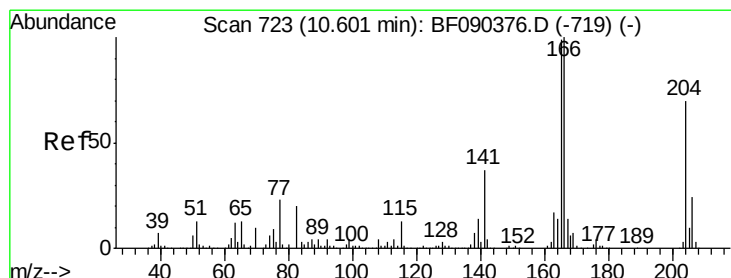
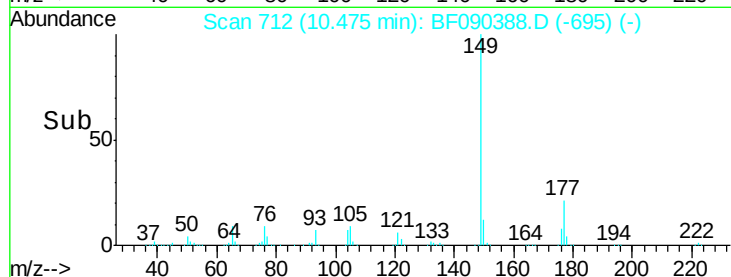
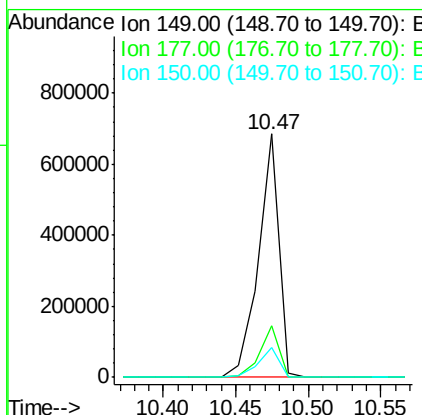
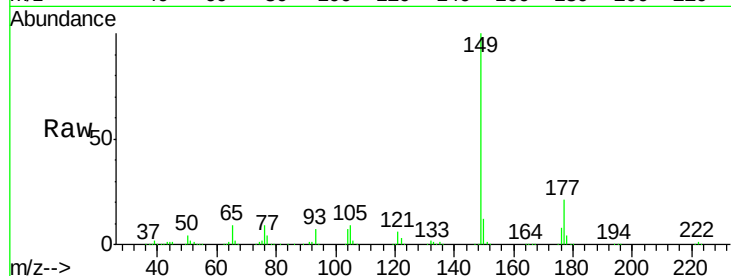




#59
Diethylphthalate
Concen: 21.02 ng
RT: 10.47 min Scan# 712
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

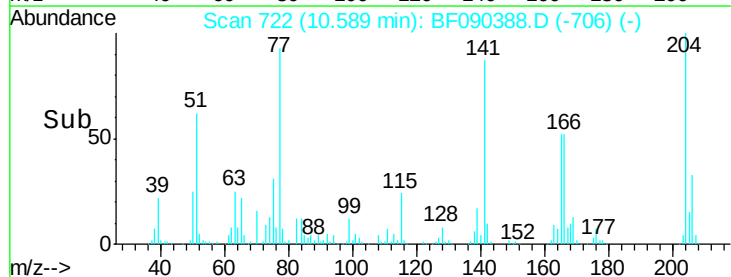
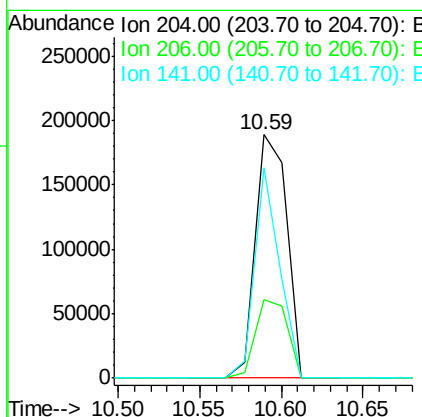
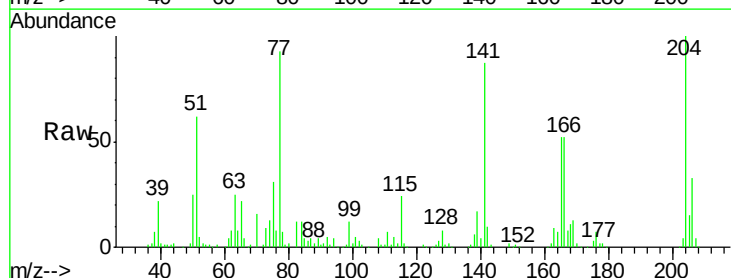
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

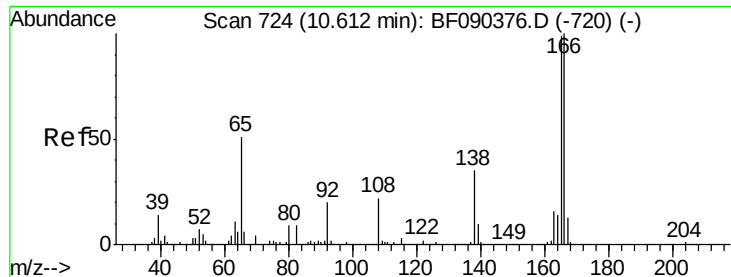
Tgt Ion:149 Resp: 668131
Ion Ratio Lower Upper
149 100
177 21.0 21.1 31.7#
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 18.98 ng
RT: 10.59 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:204 Resp: 253693
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 86.6 51.7 77.5#

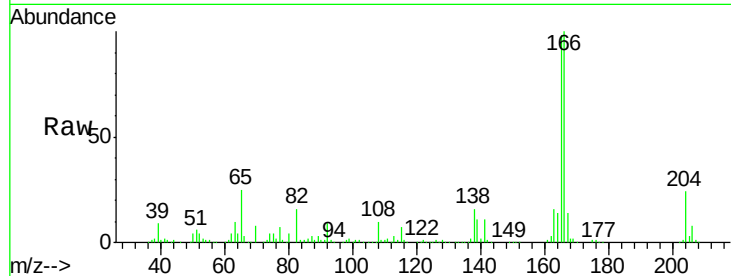




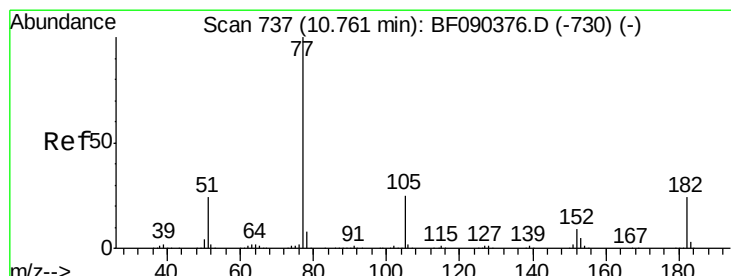
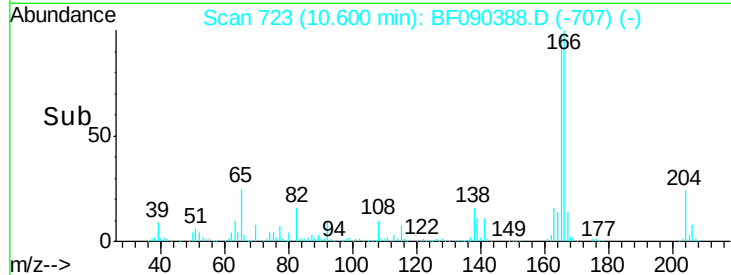
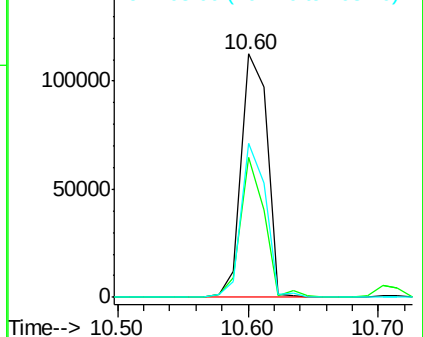
#61
4-Nitroaniline
Concen: 19.28 ng
RT: 10.60 min Scan# 723
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:138 Resp: 154773
Ion Ratio Lower Upper
138 100
92 57.5 33.2 73.2
108 63.2 48.5 88.5



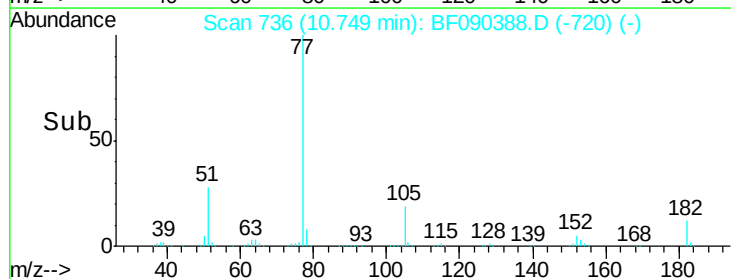
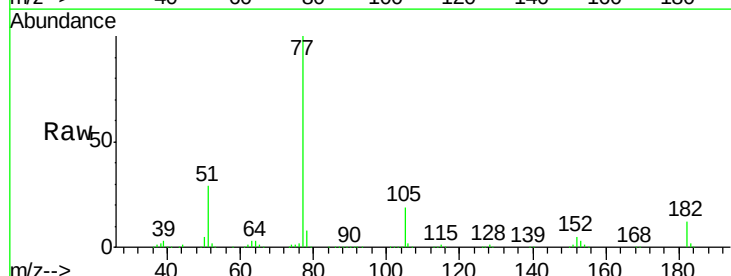
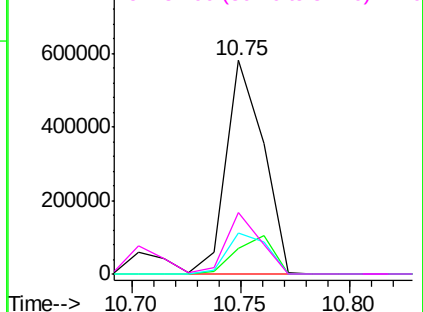
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

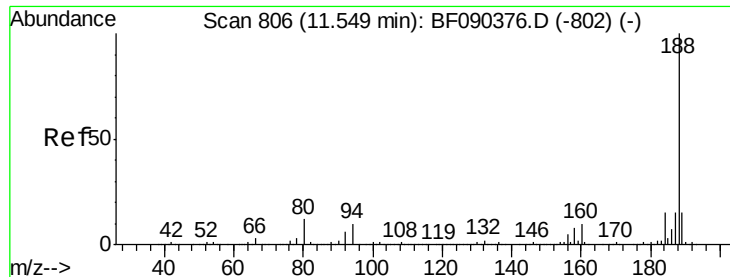


#62
Azobenzene
Concen: 18.66 ng
RT: 10.75 min Scan# 736
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion: 77 Resp: 685083
Ion Ratio Lower Upper
77 100
182 12.0 3.2 43.2
105 19.4 2.9 42.9
51 28.6 14.2 54.2

Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

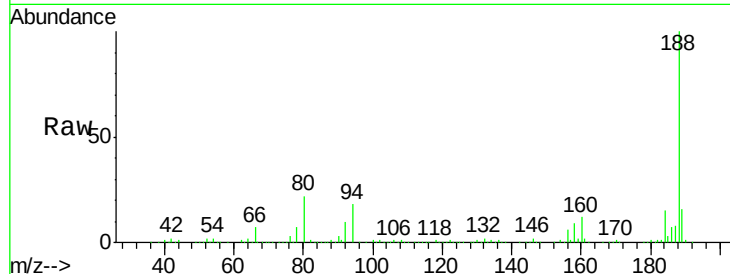




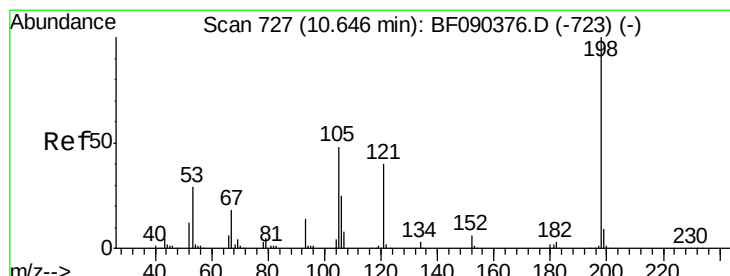
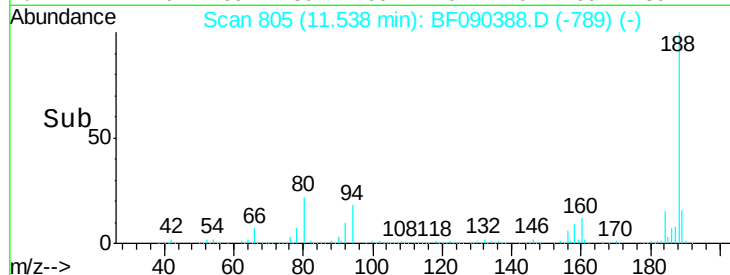
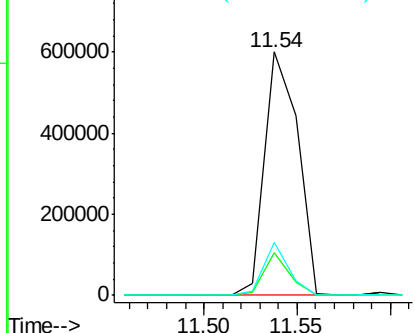
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.54 min Scan# 805
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:188 Resp: 738907
Ion Ratio Lower Upper
188 100
94 17.7 8.2 12.2#
80 21.9 8.8 13.2#

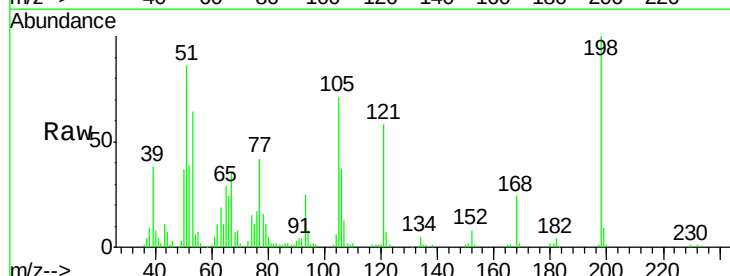


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

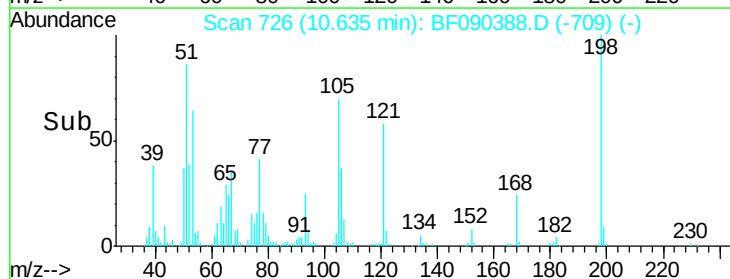
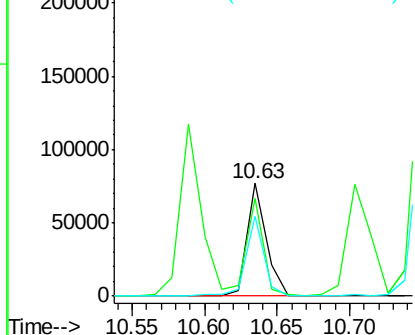


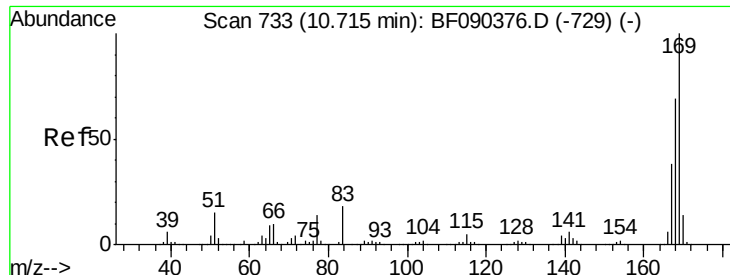
#64
4,6-Dinitro-2-methylphenol
Concen: 18.15 ng
RT: 10.63 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:198 Resp: 71518
Ion Ratio Lower Upper
198 100
51 86.4 67.3 107.3
105 71.0 42.6 82.6



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

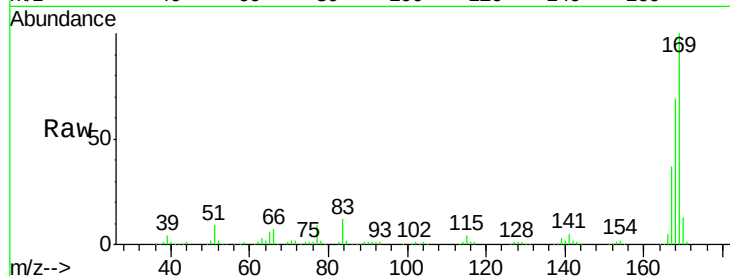




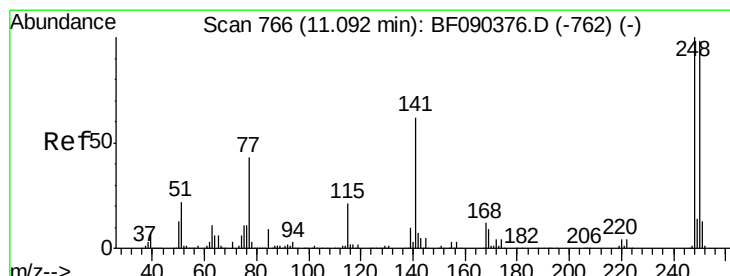
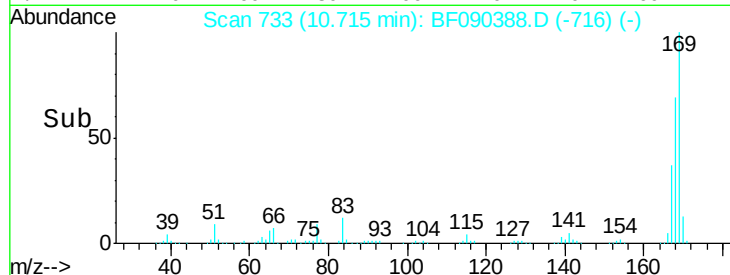
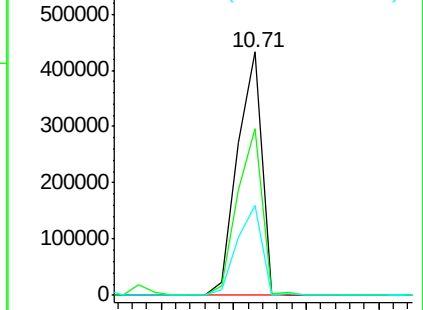
#65
n-Nitrosodiphenylamine
Concen: 20.33 ng
RT: 10.71 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion:169 Resp: 503424
Ion Ratio Lower Upper
169 100
168 68.5 53.8 80.6
167 36.8 29.8 44.8

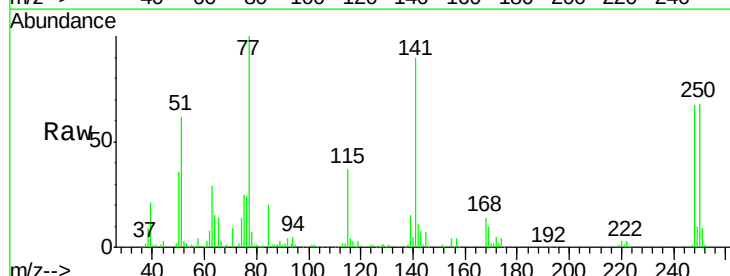


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

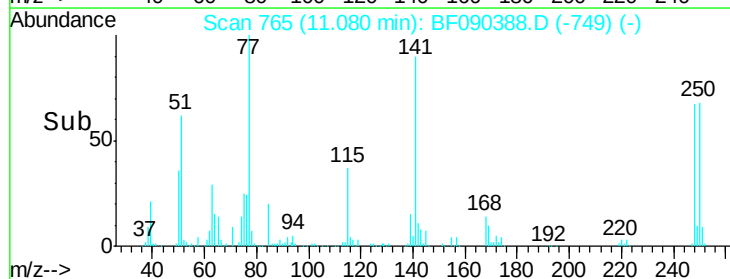
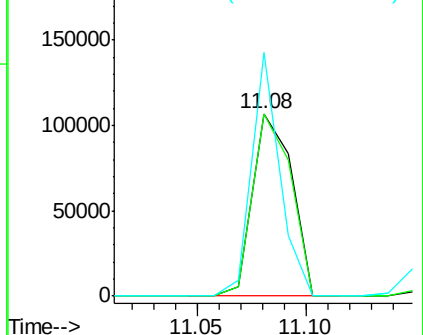


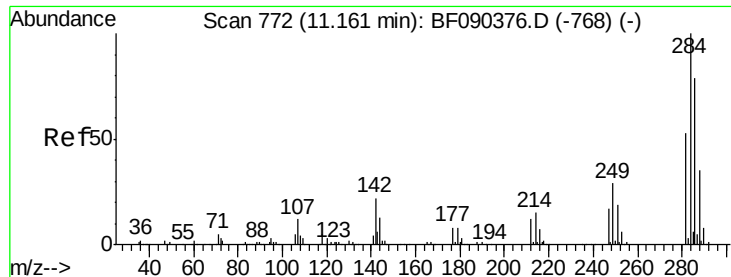
#66
4-Bromophenyl-phenylether
Concen: 18.59 ng
RT: 11.08 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:248 Resp: 134658
Ion Ratio Lower Upper
248 100
250 100.2 76.5 114.7
141 133.5 59.8 89.6#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

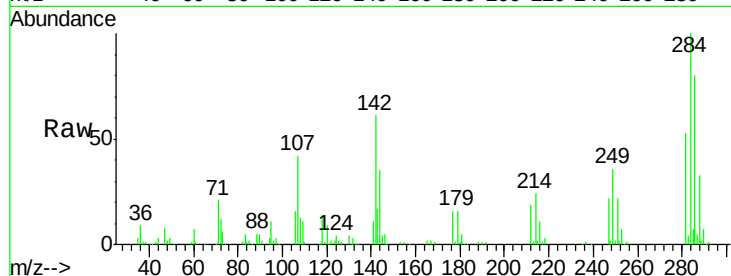




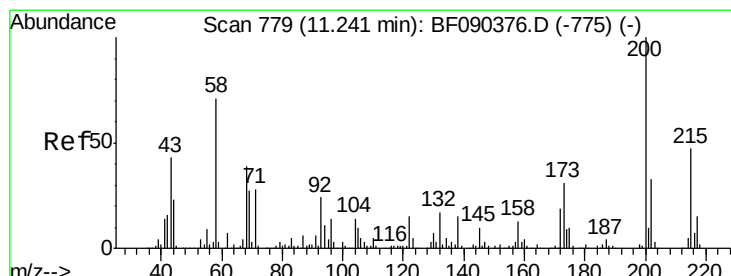
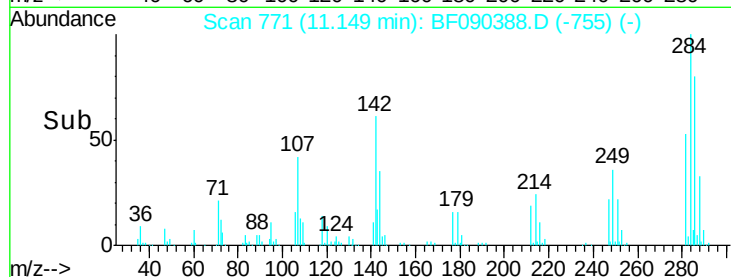
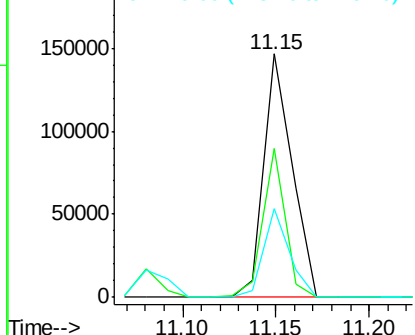
#67
Hexachlorobenzene
Concen: 19.02 ng
RT: 11.15 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

Tgt Ion: 284 Resp: 153428
Ion Ratio Lower Upper
284 100
142 61.0 23.1 34.7#
249 36.4 26.3 39.5

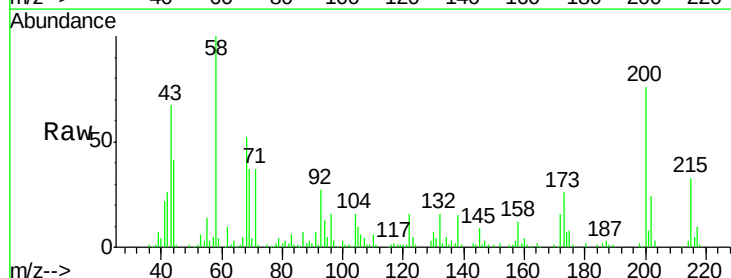


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

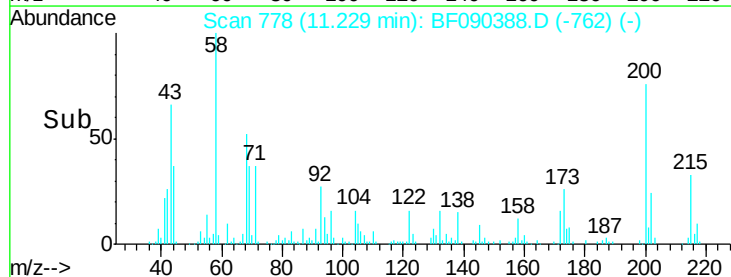
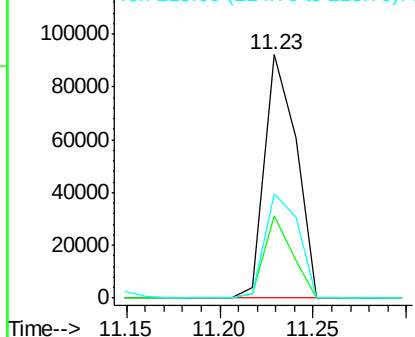


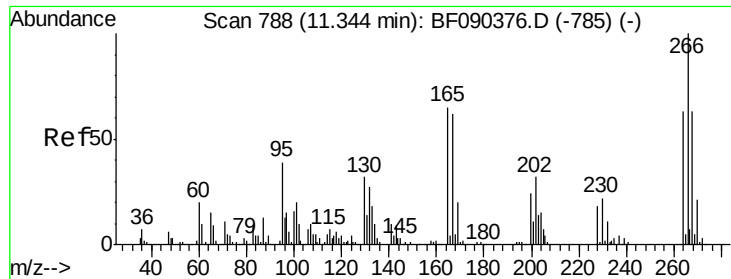
#68
Atrazine
Concen: 17.69 ng
RT: 11.23 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion: 200 Resp: 107978
Ion Ratio Lower Upper
200 100
173 33.8 9.0 49.0
215 43.0 24.8 64.8



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

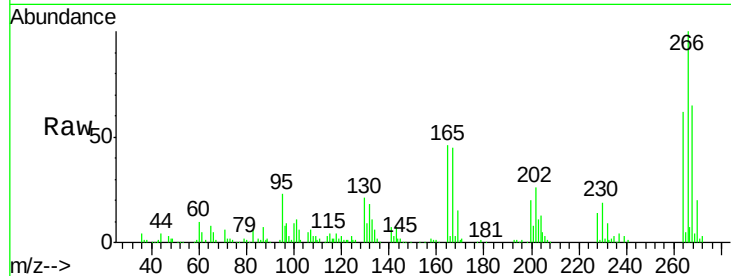




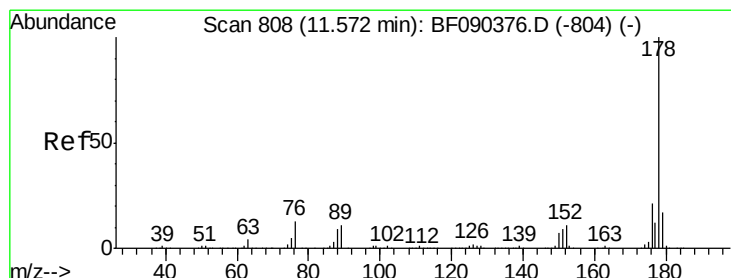
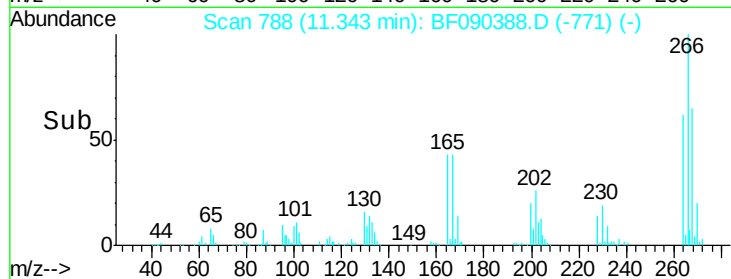
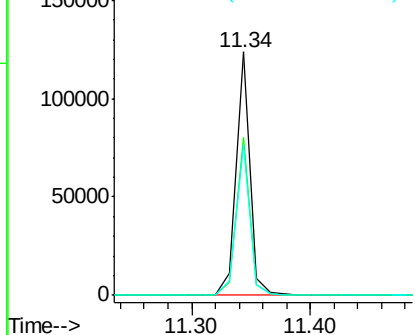
#69
 Pentachlorophenol
 Concen: 20.99 ng
 RT: 11.34 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:266 Resp: 100773
 Ion Ratio Lower Upper
 266 100
 268 64.6 50.9 76.3
 264 61.9 51.5 77.3

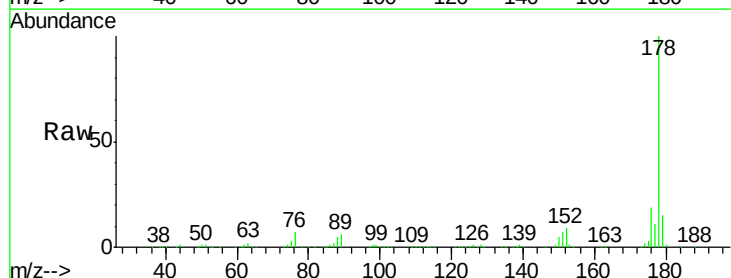


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

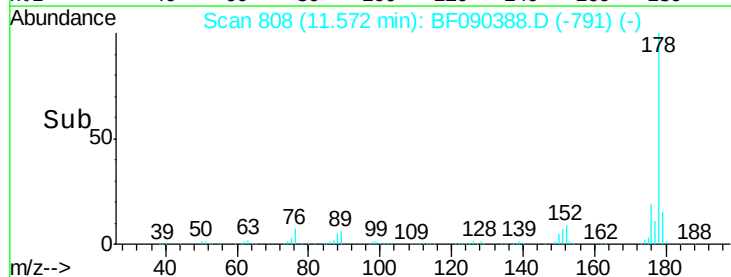
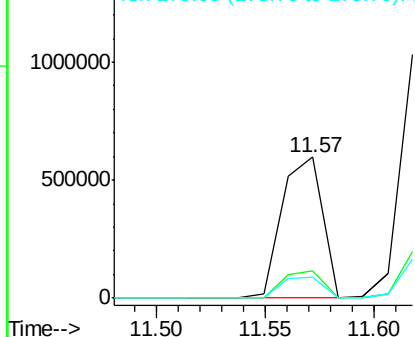


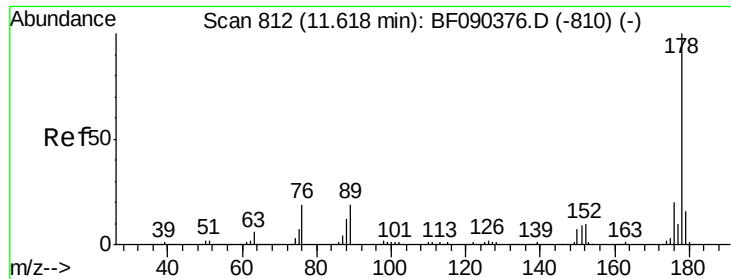
#70
 Phenanthrene
 Concen: 20.69 ng
 RT: 11.57 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:178 Resp: 782726
 Ion Ratio Lower Upper
 178 100
 176 19.2 17.3 25.9
 179 15.2 13.8 20.6



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

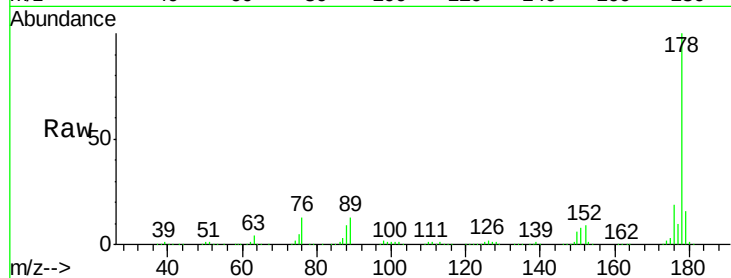




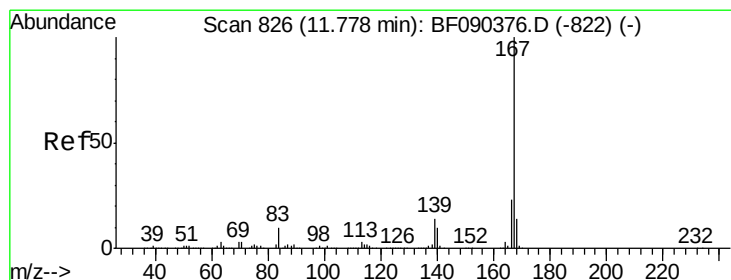
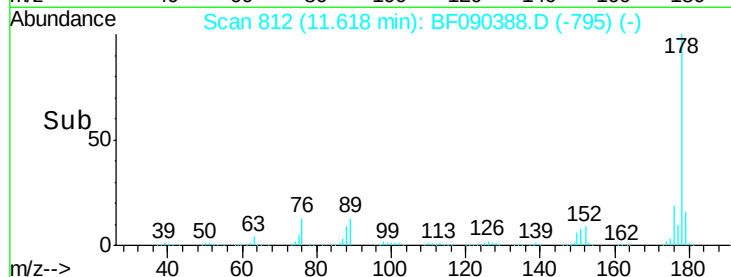
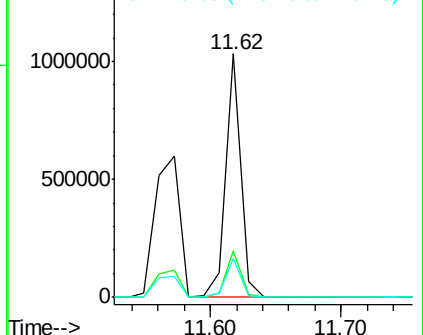
#71
 Anthracene
 Concen: 21.54 ng
 RT: 11.62 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion:178 Resp: 832307
 Ion Ratio Lower Upper
 178 100
 176 19.3 16.8 25.2
 179 15.8 13.4 20.2

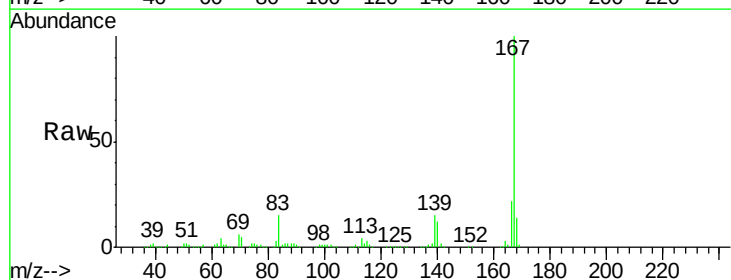


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

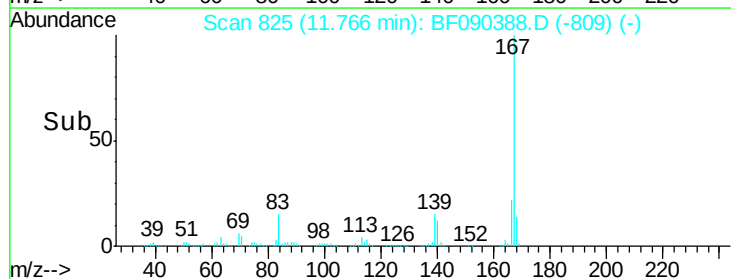
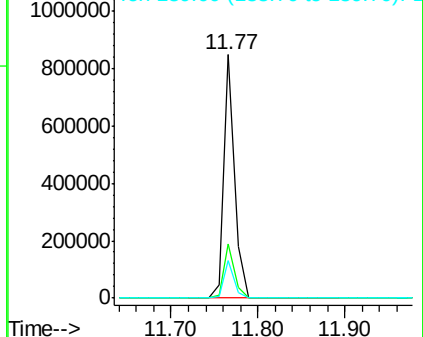


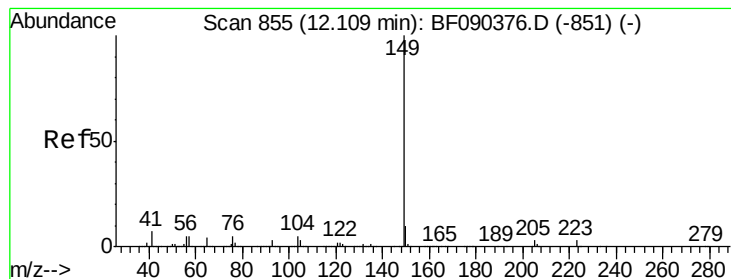
#72
 Carbazole
 Concen: 20.73 ng
 RT: 11.77 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion:167 Resp: 744176
 Ion Ratio Lower Upper
 167 100
 166 22.3 19.1 28.7
 139 15.3 12.1 18.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 22.20 ng

RT: 12.11 min Scan# 855

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

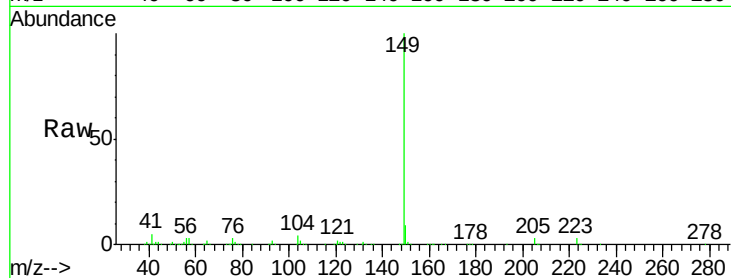
Tgt Ion:149 Resp: 969902

Ion Ratio Lower Upper

149 100

150 8.9 8.6 12.8

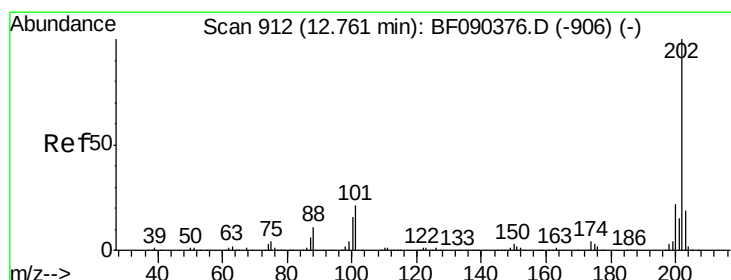
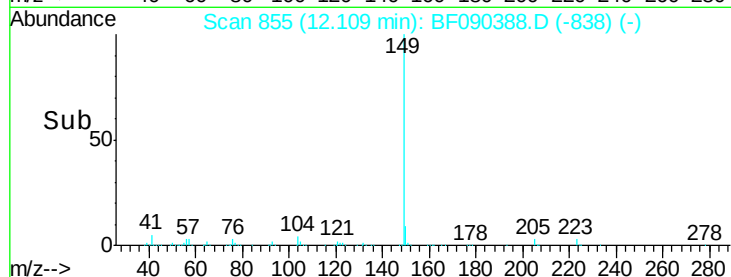
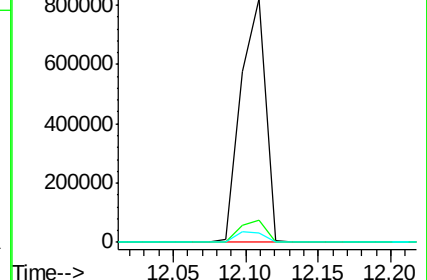
104 3.9 4.7 7.1#



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: 21.28 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

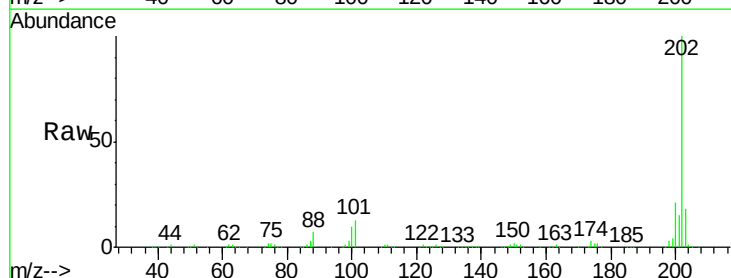
Tgt Ion:202 Resp: 789708

Ion Ratio Lower Upper

202 100

101 13.2 0.0 37.2

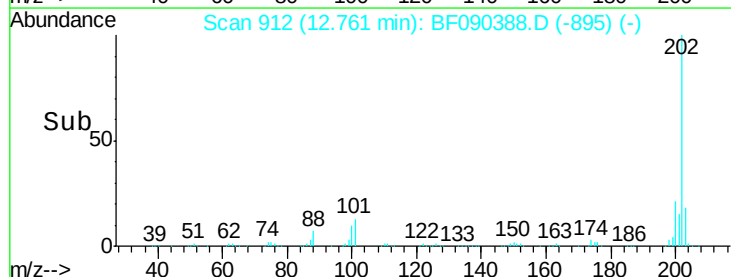
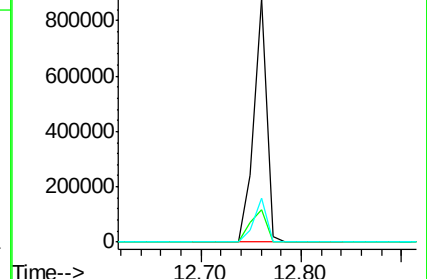
203 17.8 0.0 39.3

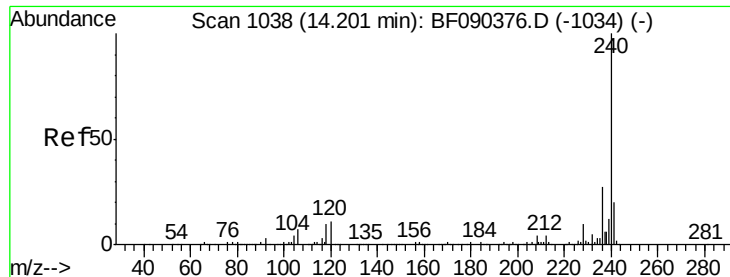


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

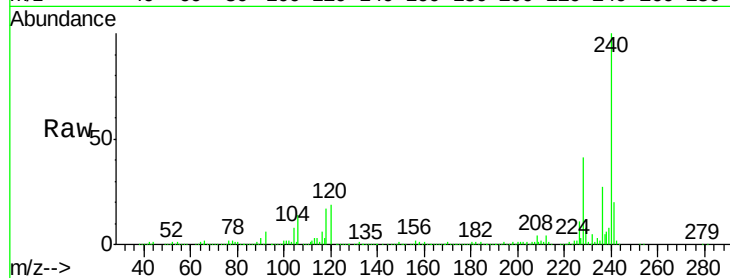
Tgt Ion:240 Resp: 610808

Ion Ratio Lower Upper

240 100

120 19.2 8.6 13.0#

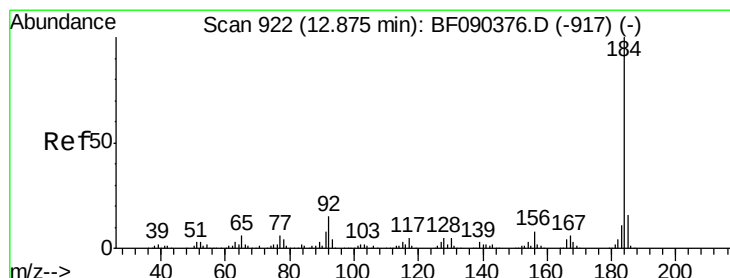
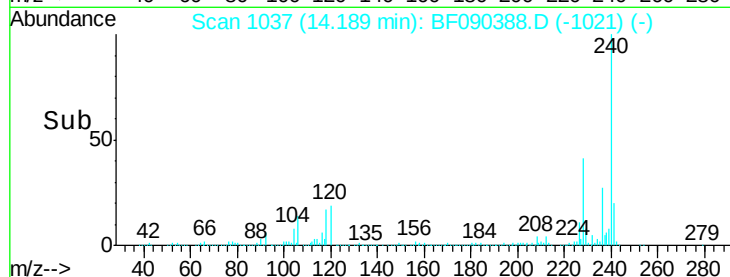
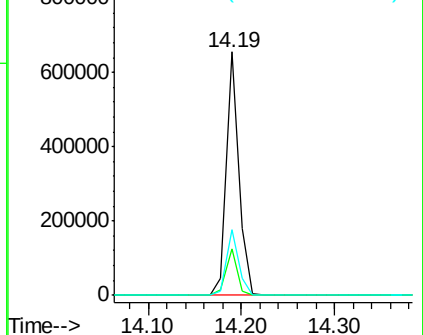
236 27.1 21.6 32.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 14.97 ng

RT: 12.87 min Scan# 922

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

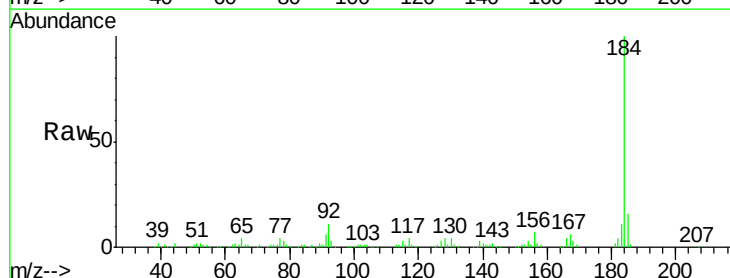
Tgt Ion:184 Resp: 240385

Ion Ratio Lower Upper

184 100

185 16.0 11.8 17.8

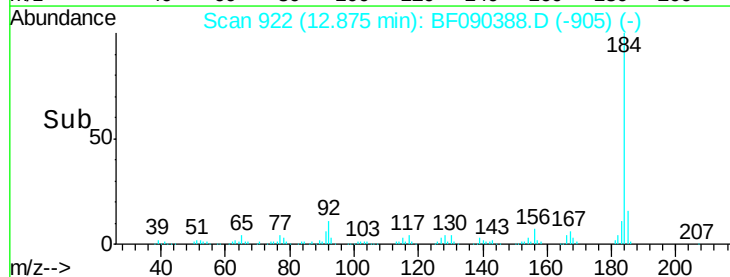
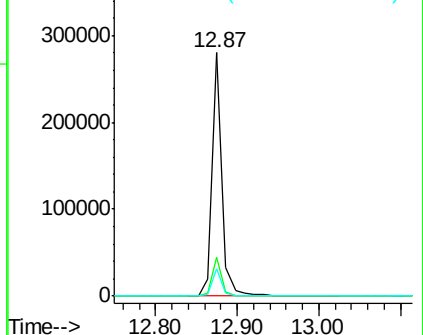
183 11.3 9.6 14.4

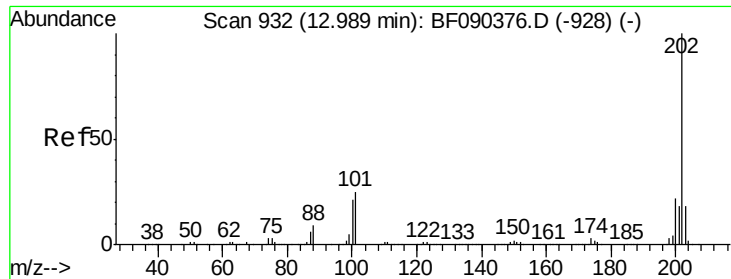


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

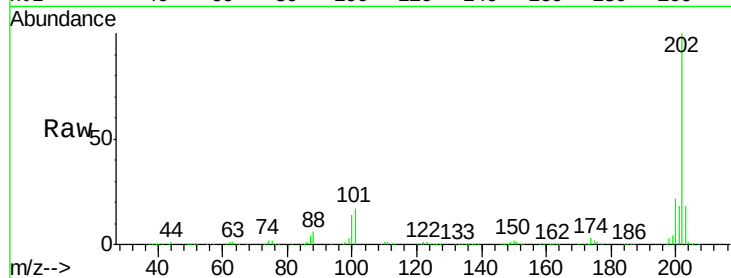




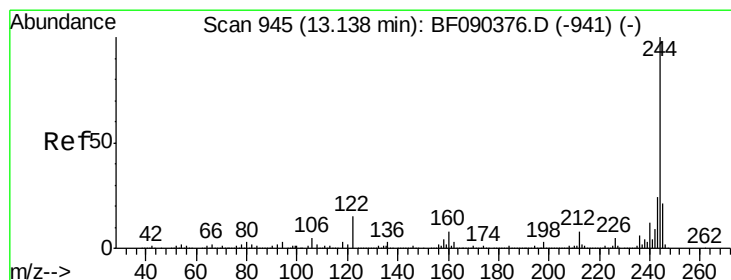
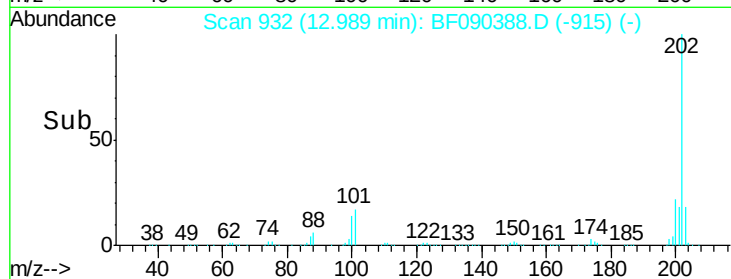
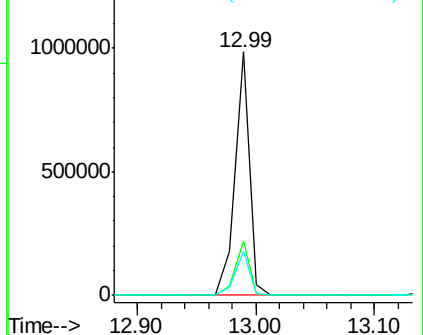
#77
Pyrene
 Concen: 20.40 ng
 RT: 12.99 min Scan# 932
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	18.5	27.7
203	18.0	15.0	22.6

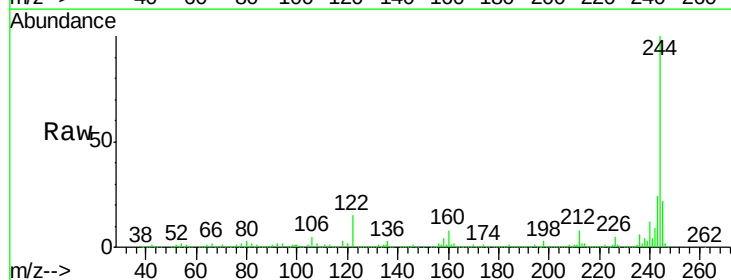


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

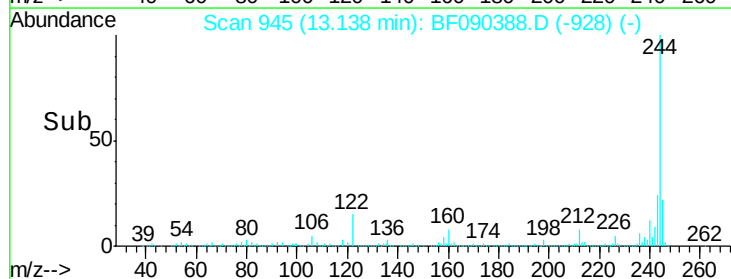
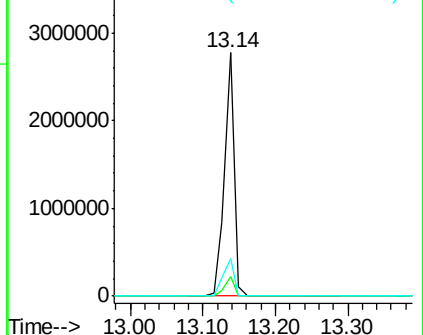


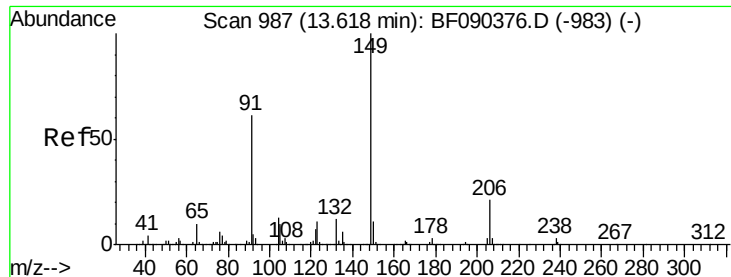
#78
Terphenyl-d14
 Concen: 94.72 ng
 RT: 13.14 min Scan# 945
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.8	10.2
122	15.3	13.3	19.9



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

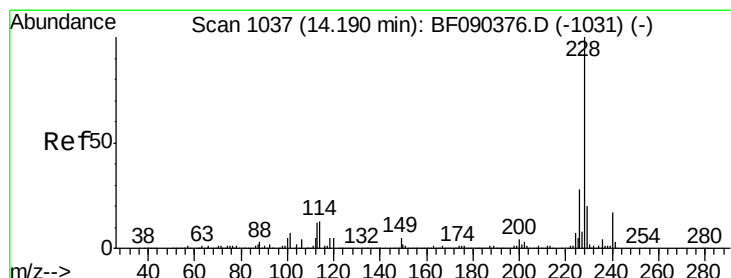
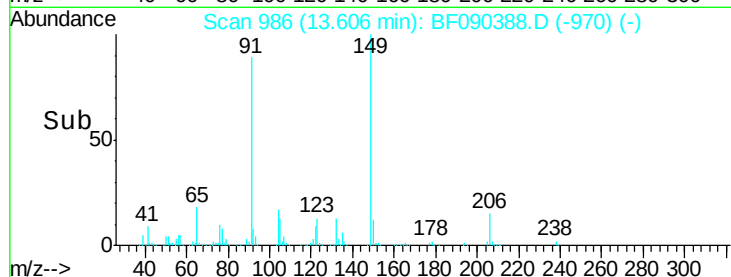
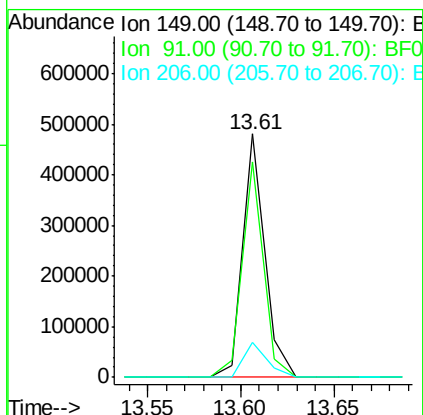
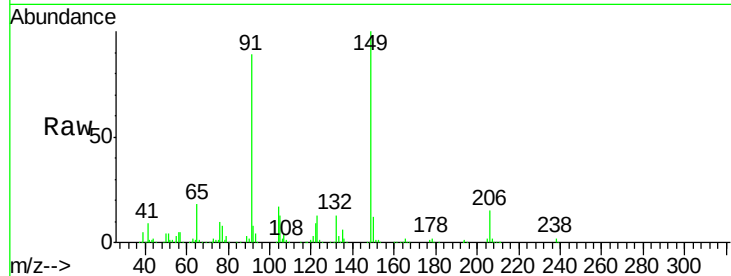




#79
Butylbenzylphthalate
Concen: 19.04 ng
RT: 13.61 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

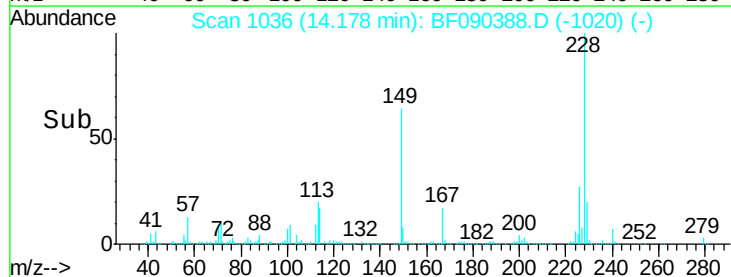
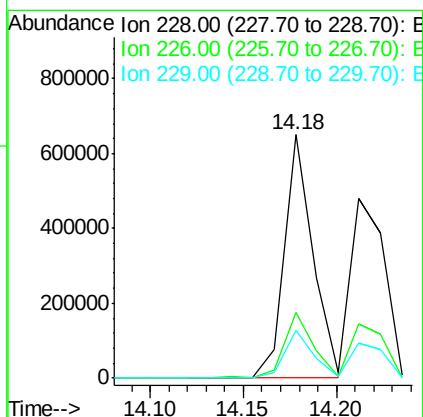
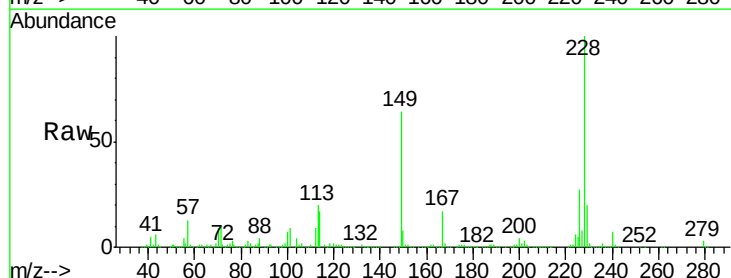
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

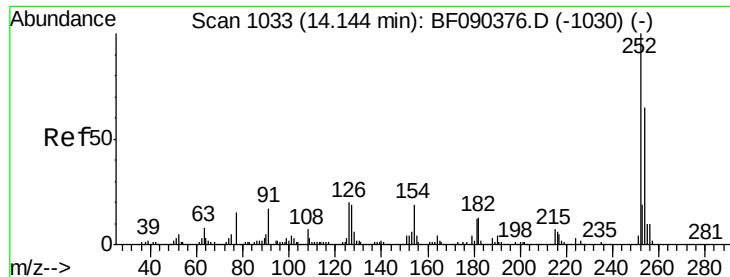
Tgt Ion:149 Resp: 397832
Ion Ratio Lower Upper
149 100
91 88.6 51.8 77.8#
206 14.5 18.0 27.0#



#80
Benzo(a)anthracene
Concen: 20.17 ng
RT: 14.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:228 Resp: 691217
Ion Ratio Lower Upper
228 100
226 27.2 23.6 35.4
229 19.8 16.6 25.0

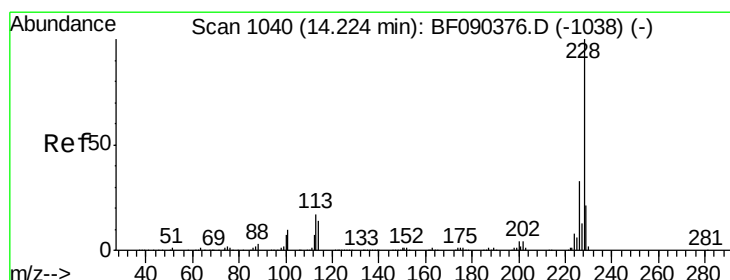
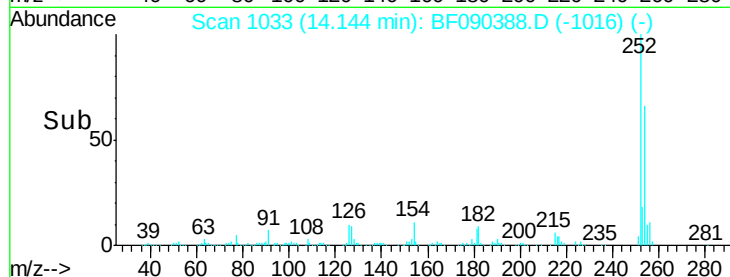
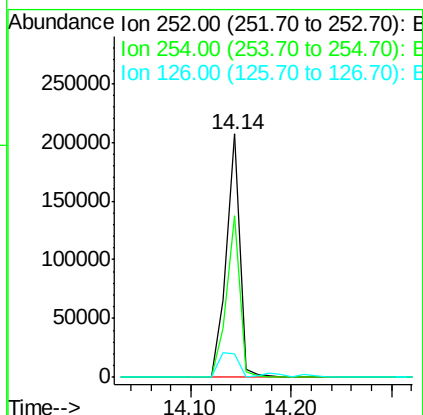
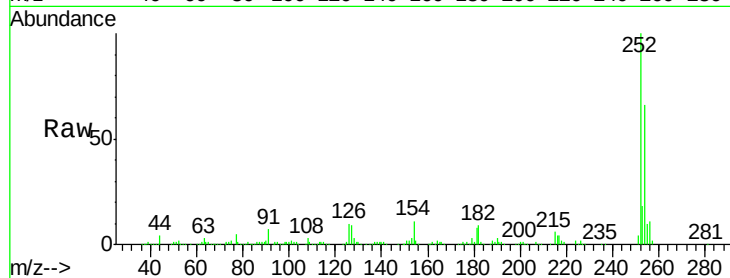




#81
 3,3'-Dichlorobenzidine
 Concen: 15.74 ng
 RT: 14.14 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

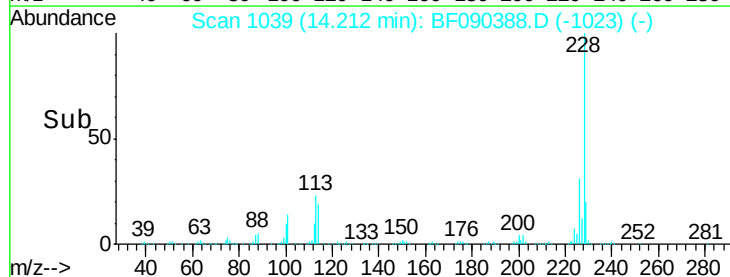
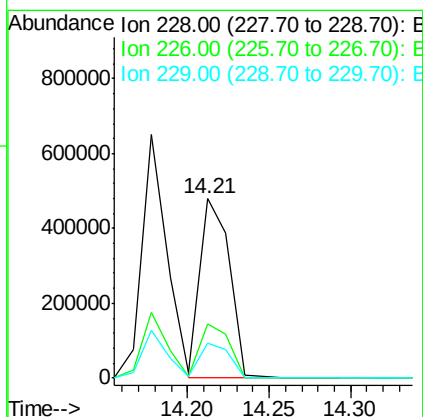
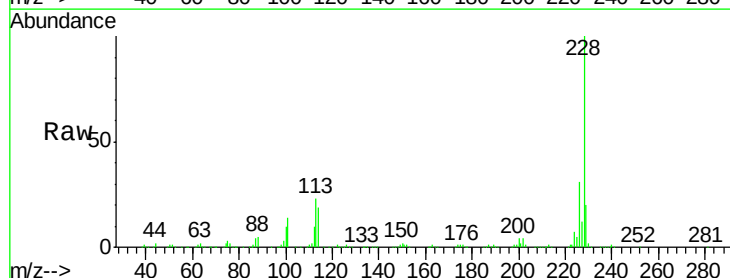
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER2016-06-QT4

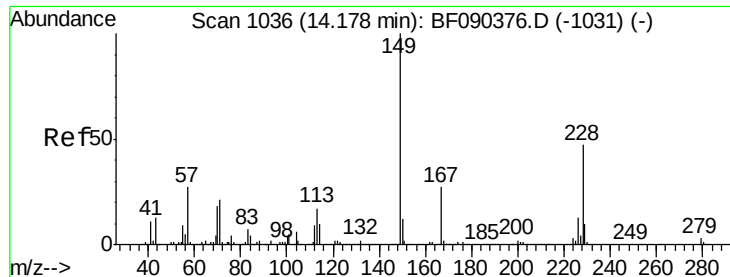
Tgt Ion: 252 Resp: 195520
 Ion Ratio Lower Upper
 252 100
 254 66.4 52.1 78.1
 126 9.8 4.2 6.4#



#82
 Chrysene
 Concen: 19.06 ng
 RT: 14.21 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF090388.D
 Acq: 5 Oct 2016 19:12

Tgt Ion: 228 Resp: 601214
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.8 38.6
 229 19.9 16.9 25.3





#83

Bis(2-ethylhexyl)phthalate

Concen: 19.87 ng

RT: 14.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

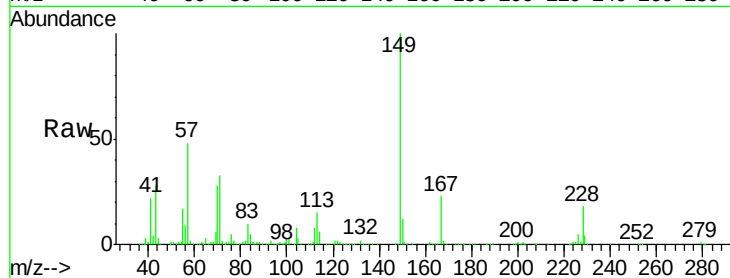
Tgt Ion:149 Resp: 590348

Ion Ratio Lower Upper

149 100

167 22.7 21.5 32.3

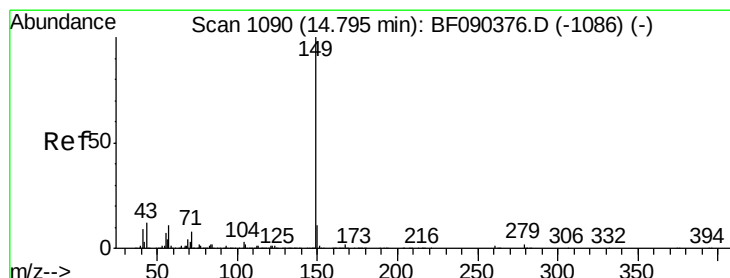
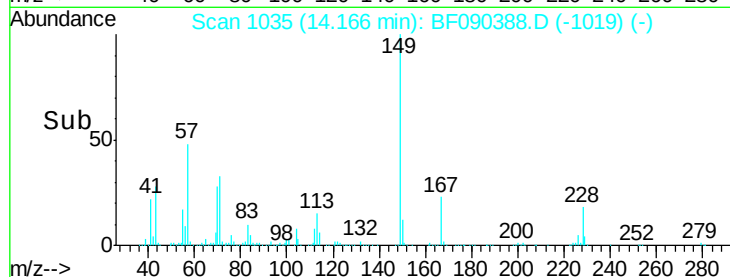
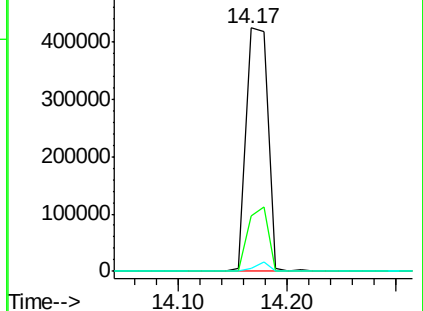
279 1.3 2.6 3.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 20.81 ng

RT: 14.80 min Scan# 1090

Delta R.T. -0.00 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

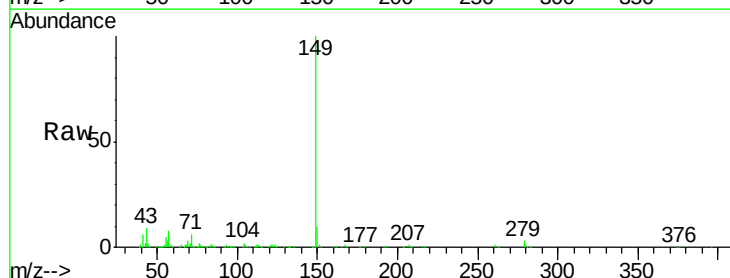
Tgt Ion:149 Resp: 916374

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

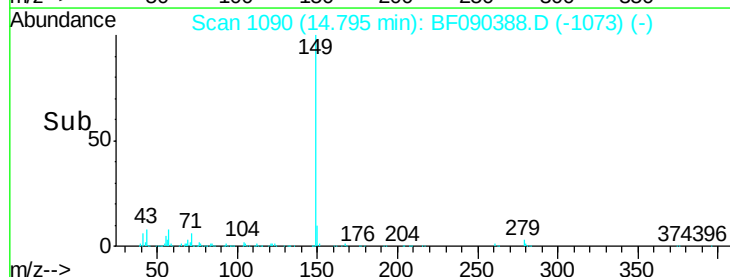
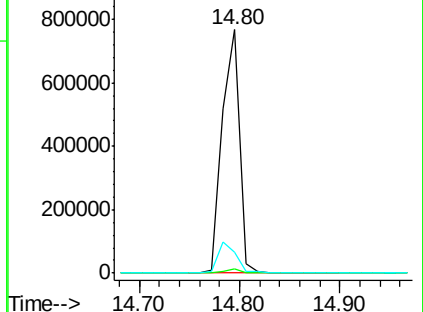
43 12.8 11.8 17.8

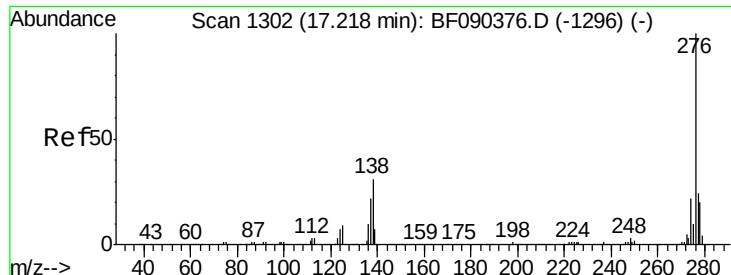


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

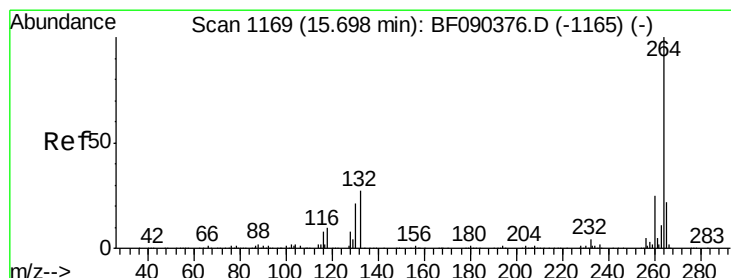
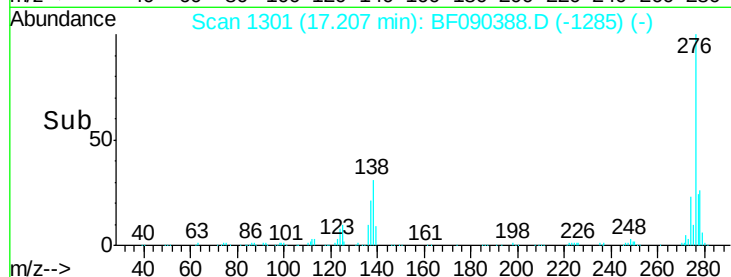
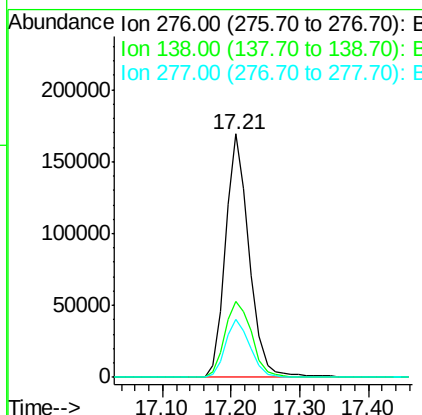
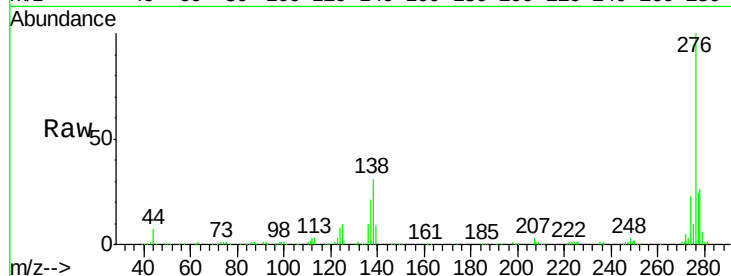




#85
Indeno(1,2,3-cd)pyrene
Concen: 18.27 ng
RT: 17.21 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

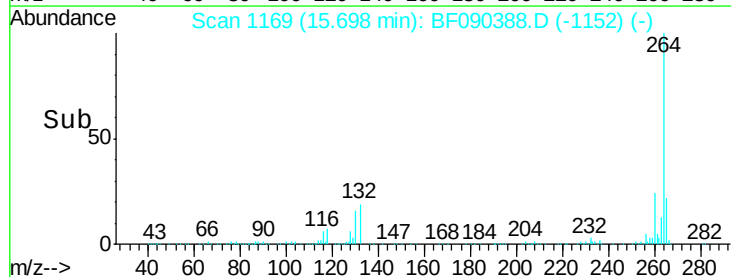
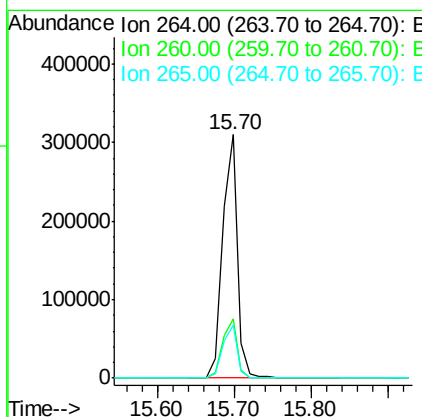
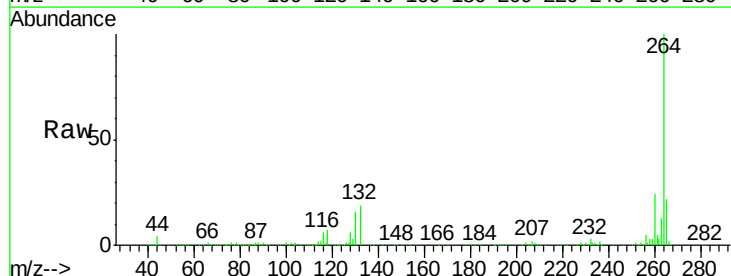
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

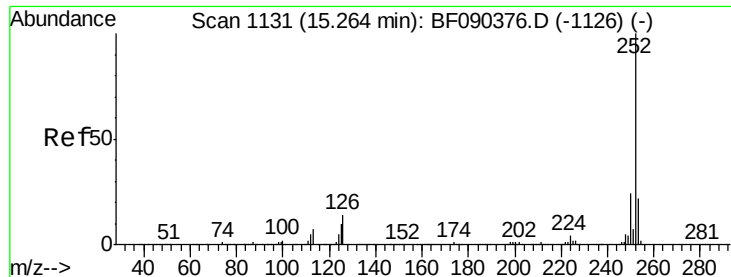
Tgt Ion	Ratio	Lower	Upper
276	100		
138	35.7	23.8	35.8
277	24.9	20.4	30.6



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.70 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	21.5	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 19.33 ng

RT: 15.25 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

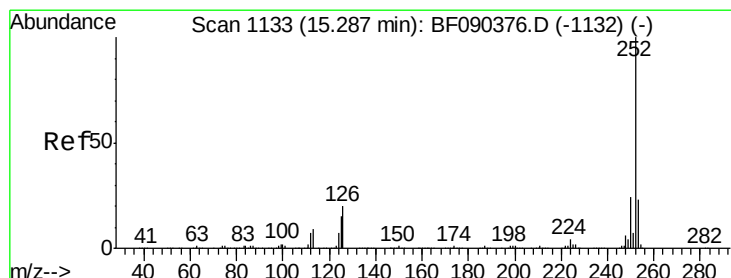
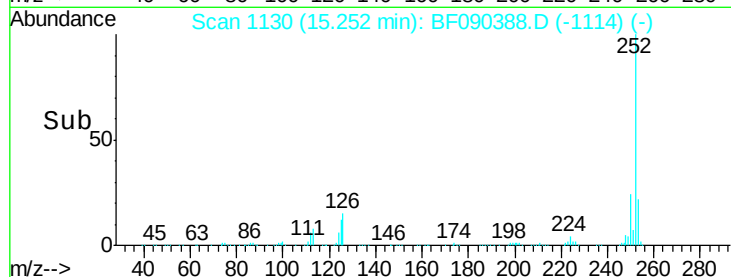
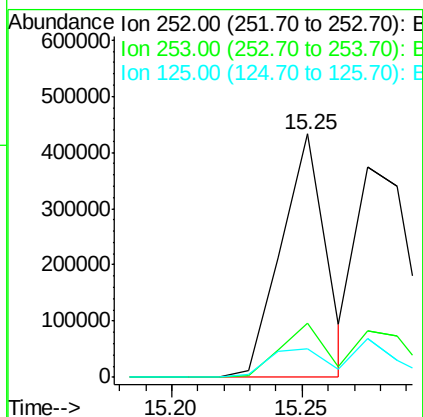
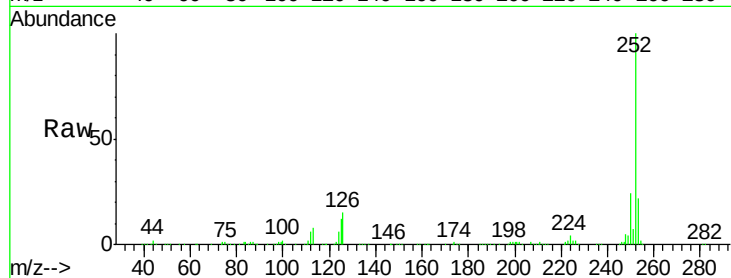
Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	252	Resp:	516630
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	11.6	7.0	10.4#



#88

Benzo(k)fluoranthene

Concen: 20.58 ng

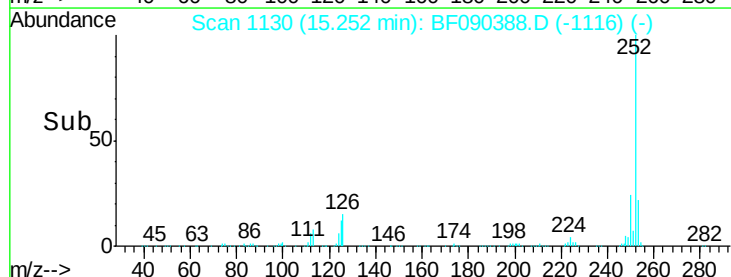
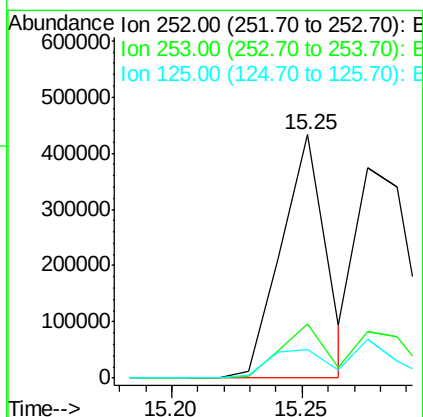
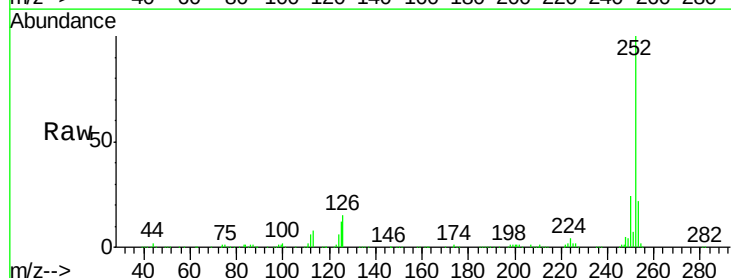
RT: 15.25 min Scan# 1130

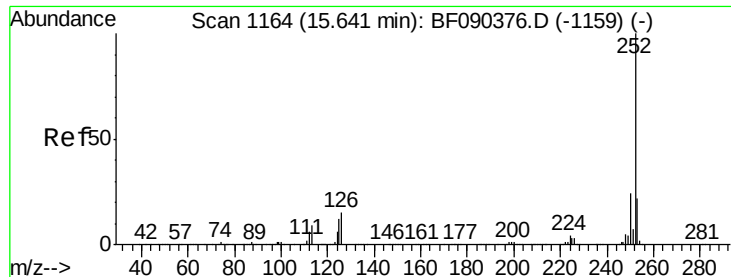
Delta R.T. -0.03 min

Lab File: BF090388.D

Acq: 5 Oct 2016 19:12

Tgt Ion:	252	Resp:	516630
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.6	27.8
125	11.6	11.7	17.5#

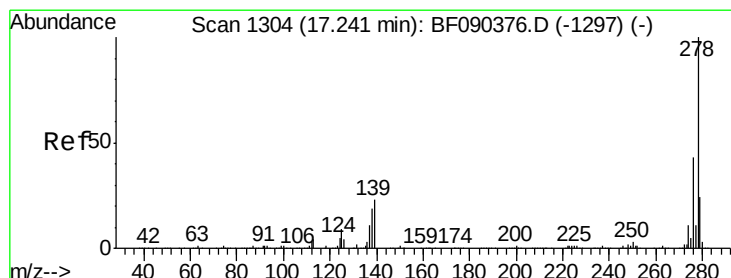
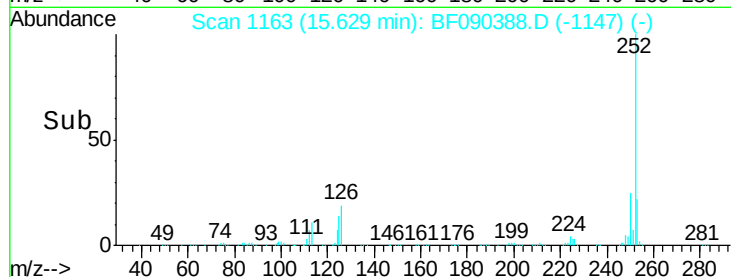
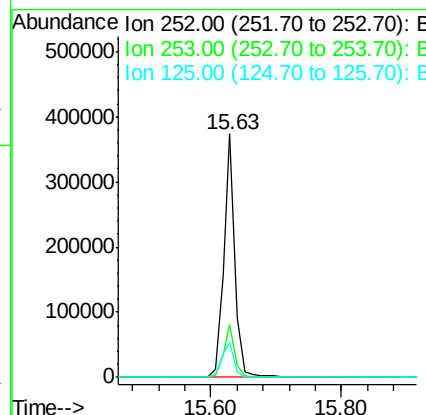
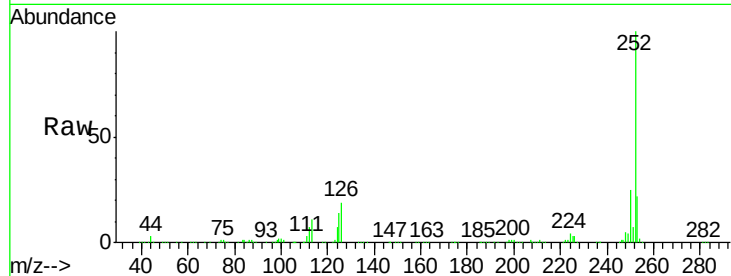




#89
Benzo(a)pyrene
Concen: 19.63 ng
RT: 15.63 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

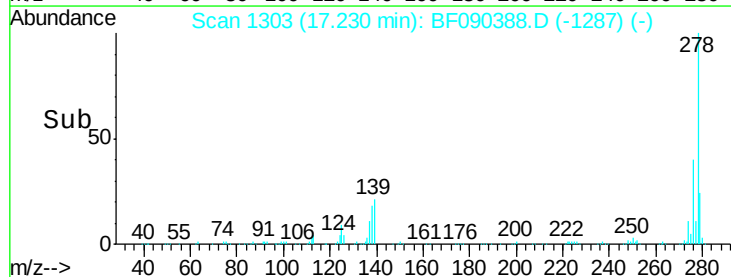
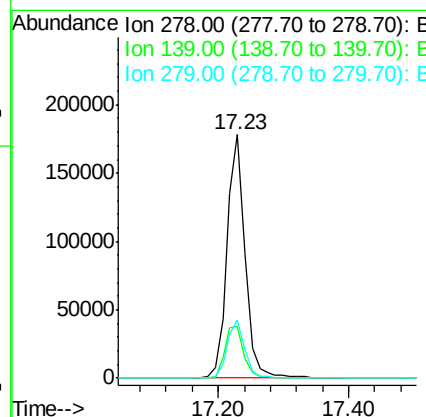
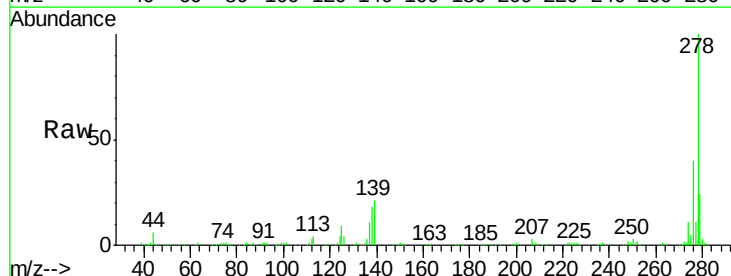
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER2016-06-QT4

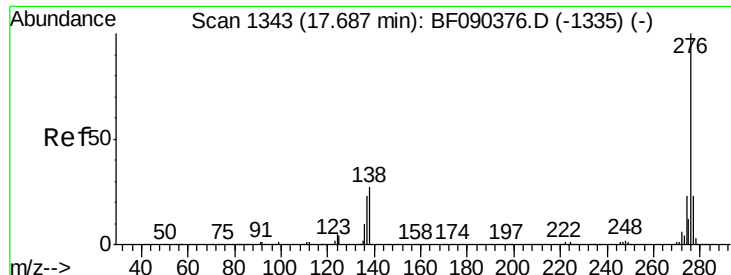
Tgt Ion:252 Resp: 452079
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 14.3 9.8 14.8



#90
Dibenzo(a,h)anthracene
Concen: 17.51 ng
RT: 17.23 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF090388.D
Acq: 5 Oct 2016 19:12

Tgt Ion:278 Resp: 343069
Ion Ratio Lower Upper
278 100
139 21.0 12.8 19.2#
279 24.1 19.6 29.4





#91

Benzo(g,h,i)perylene

Concen: 17.17 ng

RT: 17.66 min Scan# 1341

Delta R.T. -0.02 min

Lab File: BF090388.D

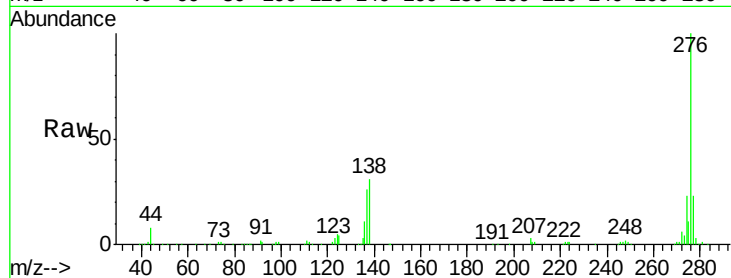
Acq: 5 Oct 2016 19:12

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER2016-06-QT4



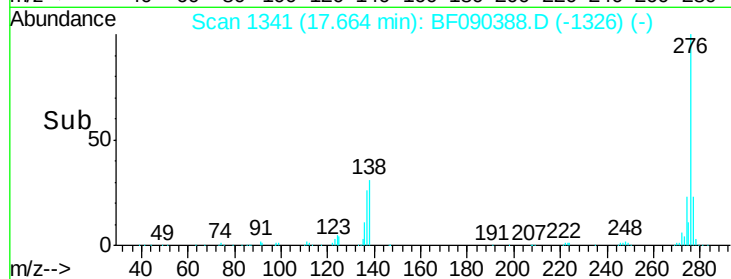
Tgt Ion: 276 Resp: 322962

Ion Ratio Lower Upper

276 100

277 23.2 19.4 29.0

138 31.1 20.8 31.2



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

200000

150000

100000

50000

0

17.66

17.60

17.80

Time-->