

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091880.D
 Acq On : 22 Dec 2016 12:34
 Operator : UM/SJ
 Sample : H6200-04
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

Quant Time: Dec 23 00:33:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	145350	20.00	ng	0.01
21) Naphthalene-d8	8.05	136	112058	20.00	ng	0.01
38) Acenaphthene-d10	9.77	164	78643	20.00	ng	-0.02
63) Phenanthrene-d10	11.34	188	197921	20.00	ng	0.08
75) Chrysene-d12	13.94	240	168107	20.00	ng	0.03
86) Perylene-d12	15.35	264	329698	20.00	ng	0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	311689	35.81	ng	0.00
7) Phenol-d6	6.40	99	29150	2.74	ng	-0.01
23) Nitrobenzene-d5	7.32	82	502840	249.52	ng	0.00
41) 2,4,6-Tribromophenol	10.66	330	157333	241.74	ng	0.08
44) 2-Fluorobiphenyl	9.25	172	619355	175.03	ng	0.14
78) Terphenyl-d14	12.91	244	722678	104.26	ng	0.06

Target Compounds

						Qvalue
4) n-Nitrosodimethylamine	2.90	42	29502	5.23	ng	# 1
9) Benzaldehyde	6.27	77	304376	64.25	ng	# 1
15) Benzyl Alcohol	6.90	79	59262	7.18	ng	# 44
17) 2-Methylphenol	7.14	107	54056	6.79	ng	# 1
18) Hexachloroethane	7.33	117	2153760	539.94	ng	# 1
19) n-Nitroso-di-n-propylamine	7.12	70	550108	77.80	ng	# 69
20) 3+4-Methylphenols	7.14	107	57750	6.08	ng	# 1
22) Acetophenone	7.09	105	1079194	390.45	ng	# 55
24) Nitrobenzene	7.41	77	14450	6.73	ng	# 47
25) Isophorone	7.60	82	547116	147.15	ng	# 1
26) 2-Nitrophenol	7.77	139	319195	301.56	ng	# 1
27) 2,4-Dimethylphenol	7.71	122	43591	24.83	ng	# 1
28) bis(2-Chloroethoxy)methane	7.93	93	40225	17.84	ng	# 1
29) 2,4-Dichlorophenol	8.03	162	442237	297.49	ng	# 1
30) 1,2,4-Trichlorobenzene	8.03	180	26062	16.00	ng	# 1
31) Naphthalene	8.11	128	337628	65.83	ng	# 4
32) Benzoic acid	7.71	122	36154	27.77	ng	# 1
33) 4-Chloroaniline	8.13	127	478861	207.07	ng	# 1
35) Caprolactam	8.61	113	165079	337.92	ng	# 1
36) 4-Chloro-3-methylphenol	8.61	107	23778	13.90	ng	# 39
37) 2-Methylnaphthalene	8.96	142	2093117	Below Cal		# 78
42) 2,4,6-Trichlorophenol	8.99	196	70070	50.43	ng	# 14
43) 2,4,5-Trichlorophenol	8.99	196	70070	49.00	ng	# 1
45) 1,1'-Biphenyl	9.12	154	233752	43.41	ng	# 86
46) 2-Chloronaphthalene	9.23	162	13365	3.13	ng	# 1
47) 2-Nitroaniline	9.41	65	293434	193.26	ng	# 50
48) Acenaphthylene	9.58	152	143552	21.89	ng	# 1
49) Dimethylphthalate	9.48	163	115483	22.96	ng	# 1
50) 2,6-Dinitrotoluene	9.42	165	185498	168.49	ng	# 82
51) Acenaphthene	9.78	154	32350	7.28	ng	# 55
52) 3-Nitroaniline	9.76	138	107706	79.05	ng	# 44
53) 2,4-Dinitrophenol	9.87	184	20739	33.86	ng	# 1
54) Dibenzofuran	9.93	168	209771	34.94	ng	# 97
55) 4-Nitrophenol	9.94	139	177484	191.86	ng	# 1

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 Misc :
 ALS Vial : 58 Sample Multiplier: 1

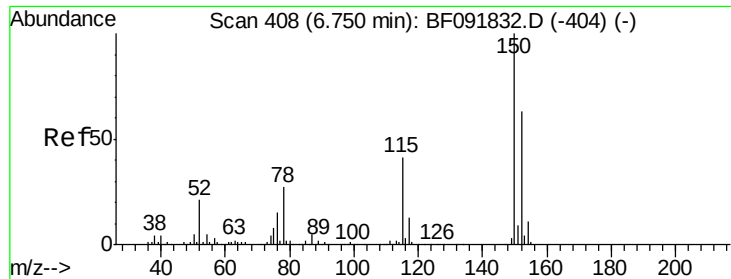
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

Quant Time: Dec 23 00:33:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) 2,4-Dinitrotoluene	9.93	165	121200	87.71	ng	# 59
57) Fluorene	10.29	166	42976	9.84	ng	# 1
58) 2,3,4,6-Tetrachlorophenol	10.11	232	5258	4.65	ng	# 35
59) Diethylphthalate	10.19	149	79170	16.21	ng	# 39
60) 4-Chlorophenyl-phenylether	10.36	204	17642	9.22	ng	# 1
61) 4-Nitroaniline	10.38	138	39417	27.92	ng	# 31
62) Azobenzene	10.46	77	527353	98.05	ng	# 1
65) n-Nitrosodiphenylamine	10.52	169	437288	74.46	ng	# 76
66) 4-Bromophenyl-phenylether	10.93	248	21360	10.37	ng	# 1
68) Atrazine	11.06	200	166137	87.70	ng	# 64
69) Pentachlorophenol	11.18	266	7711	7.14	ng	# 42
70) Phenanthrene	11.38	178	284914	26.55	ng	# 35
71) Anthracene	11.38	178	284914	26.04	ng	# 33
72) Carbazole	11.70	167	80393	6.67	ng	# 1
73) Di-n-butylphthalate	12.00	149	104413	6.78	ng	# 9
74) Fluoranthene	12.77	202	239621	23.63	ng	78
77) Pyrene	12.77	202	239621	19.43	ng	# 83
79) Butylbenzylphthalate	13.37	149	156672	27.93	ng	# 5
81) 3,3'-Dichlorobenzidine	13.87	252	16721	4.65	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	5192038	785.92	ng	# 95
84) Di-n-octyl phthalate	14.57	149	174400	14.25	ng	# 62

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

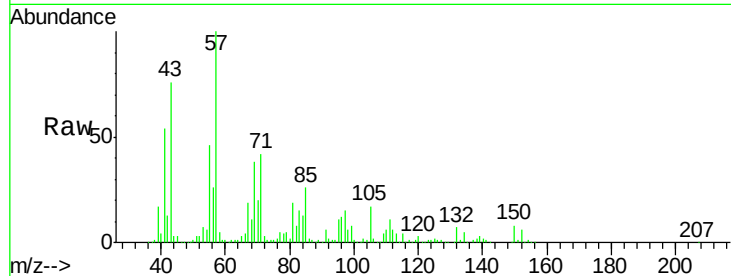


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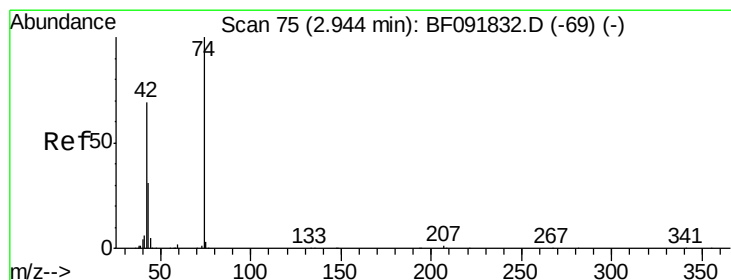
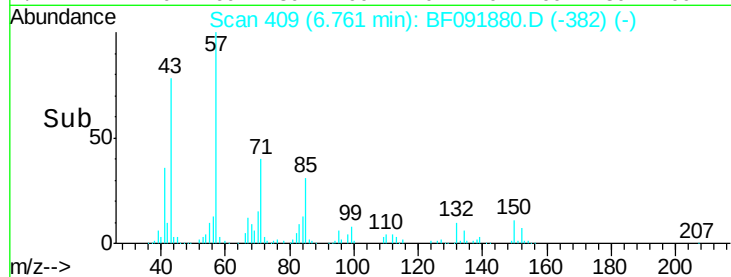
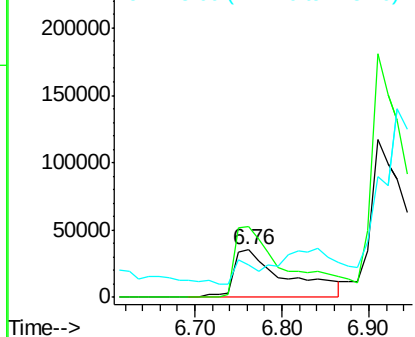
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion:152 Resp: 145350
Ion Ratio Lower Upper
152 100
150 148.7 124.9 187.3
115 67.5 46.0 69.0



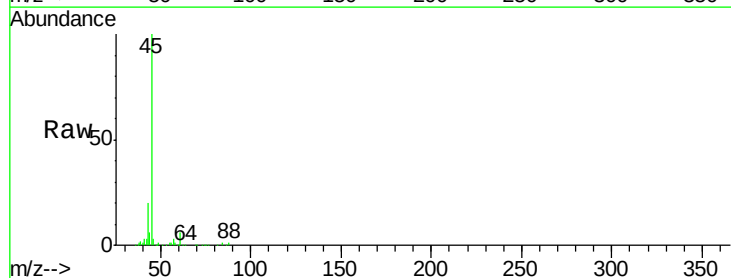
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



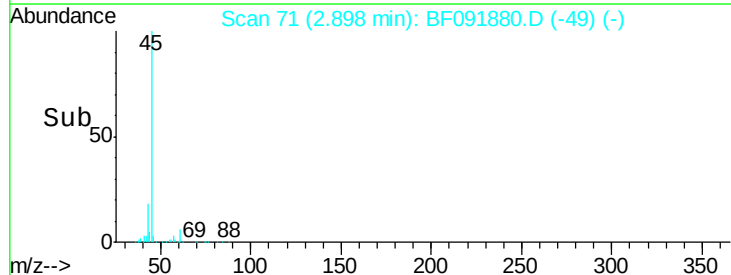
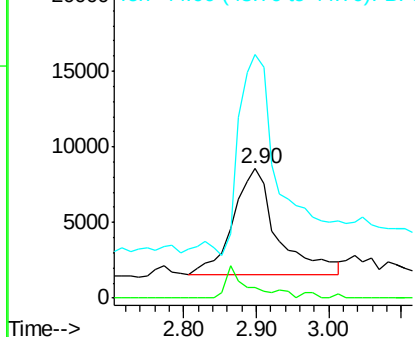
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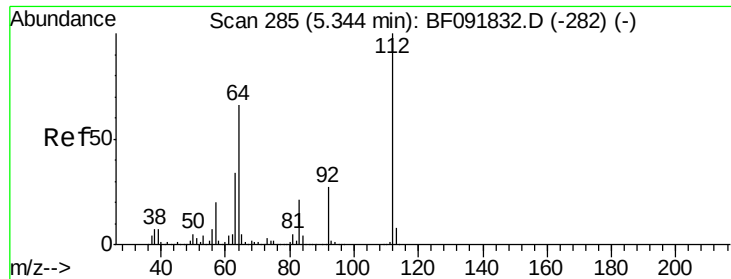
n-Nitrosodimethylamine
Concen: 5.23 ng
RT: 2.90 min Scan# 71
Delta R.T. -0.05 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion: 42 Resp: 29502
Ion Ratio Lower Upper
42 100
74 7.8 117.0 175.4#
44 187.9 5.5 8.3#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 35.81 ng

RT: 5.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

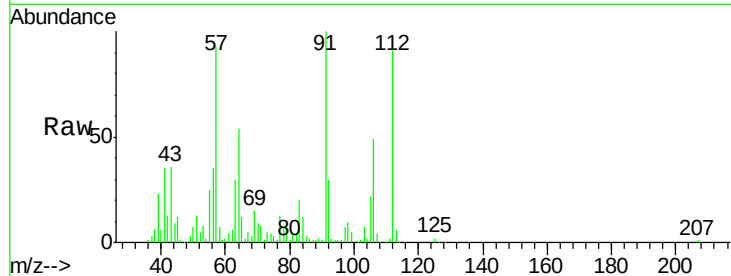
Tgt Ion: 112 Resp: 311689

Ion Ratio Lower Upper

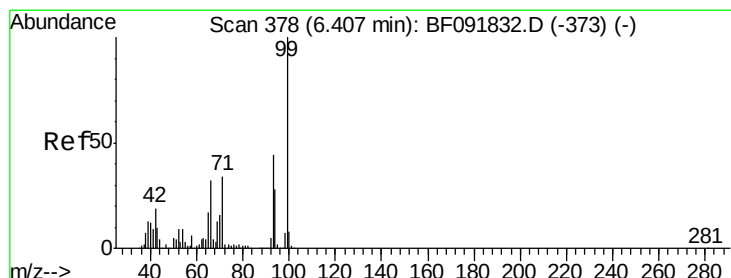
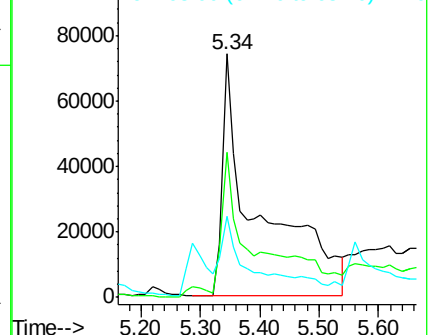
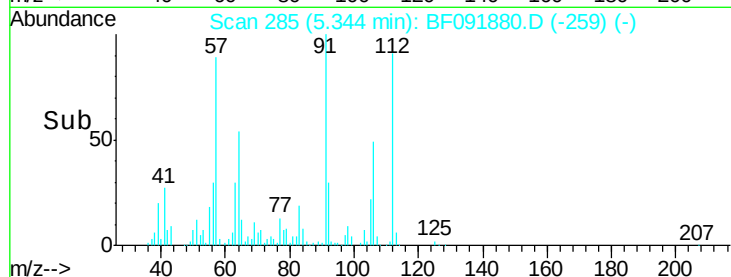
112 100

64 59.6 46.1 69.1

63 33.1 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF091832.D (-282) (-)



#7

Phenol-d6

Concen: 2.74 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

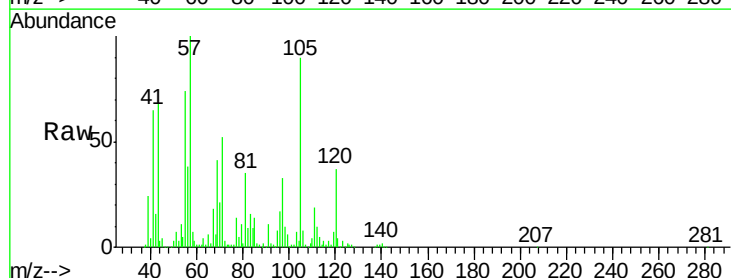
Tgt Ion: 99 Resp: 29150

Ion Ratio Lower Upper

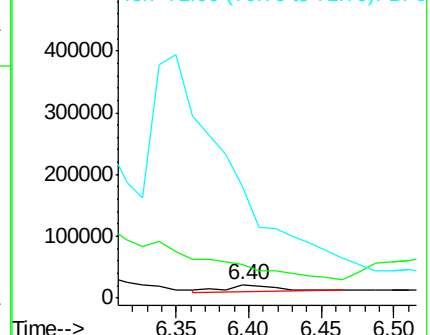
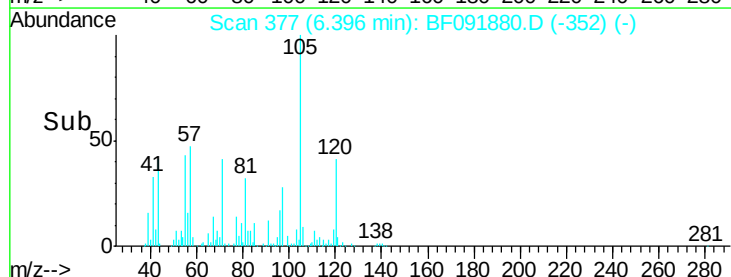
99 100

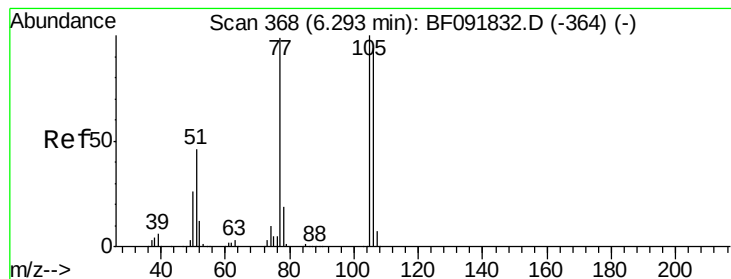
42 244.6 15.6 23.4#

71 814.7 27.5 41.3#



Abundance Ion 99.00 (98.70 to 99.70): BF091832.D (-373) (-)





#9

Benzaldehyde

Concen: 64.25 ng

RT: 6.27 min Scan# 366

Delta R.T. -0.02 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

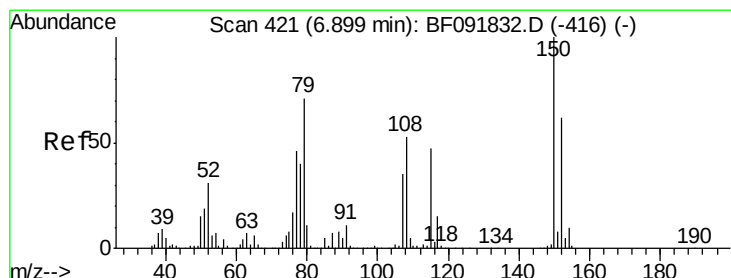
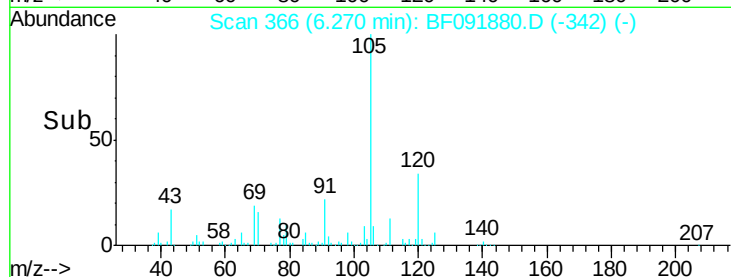
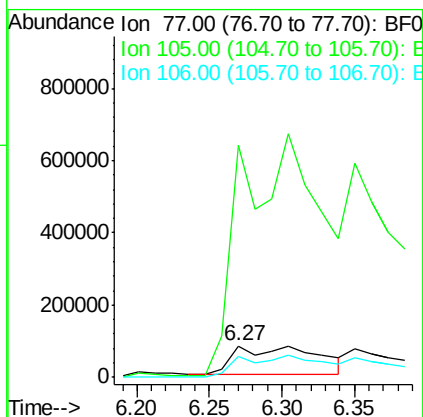
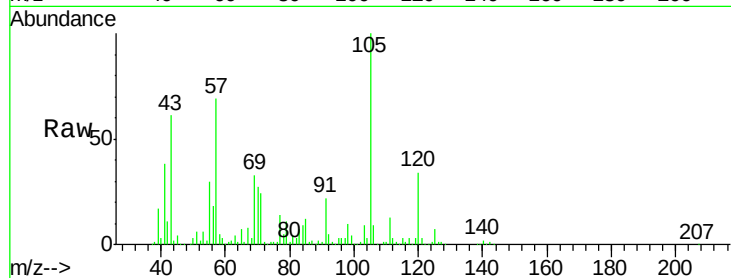
Tgt Ion: 77 Resp: 304376

Ion Ratio Lower Upper

77 100

105 734.8 83.9 123.9#

106 66.3 77.6 117.6#



#15

Benzyl Alcohol

Concen: 7.18 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.00 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

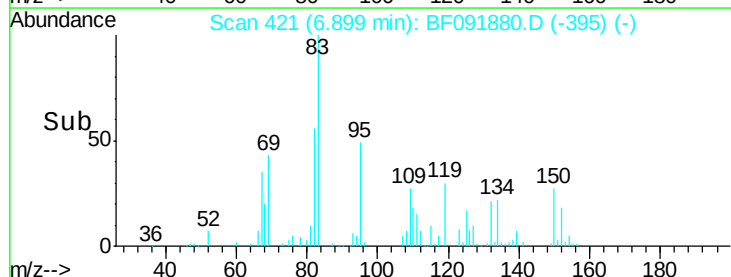
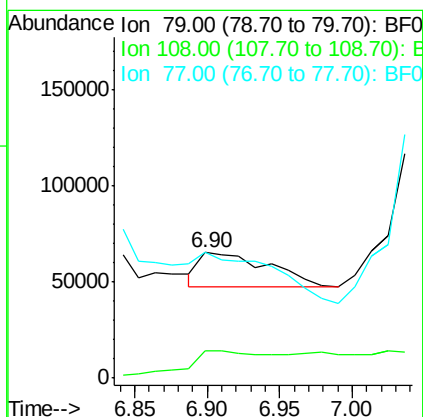
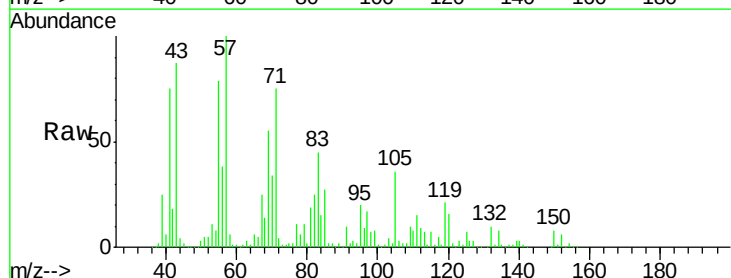
Tgt Ion: 79 Resp: 59262

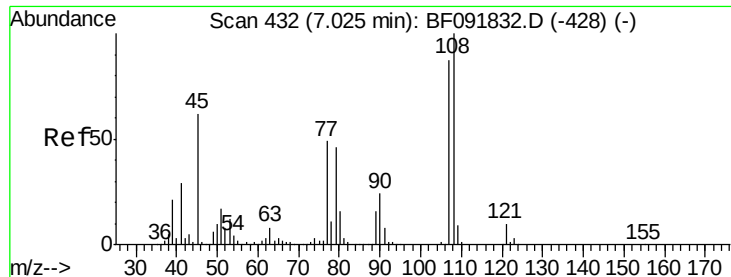
Ion Ratio Lower Upper

79 100

108 22.1 61.4 92.0#

77 100.4 50.9 76.3#

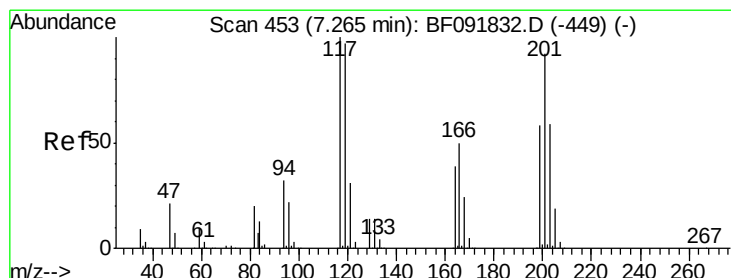
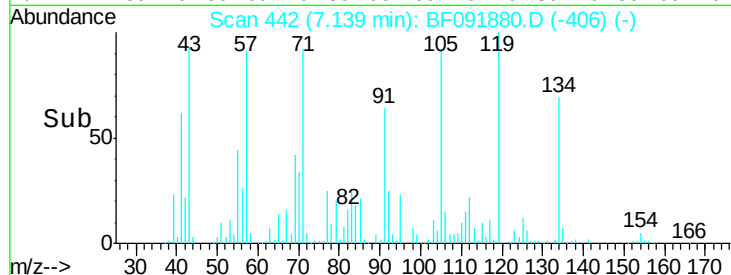
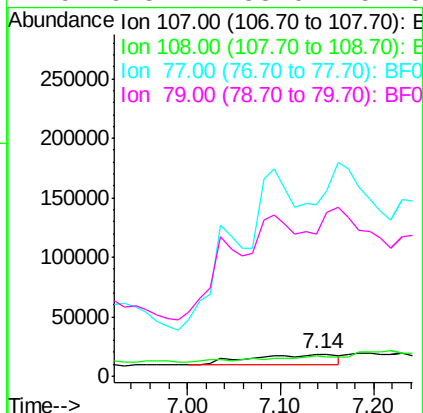
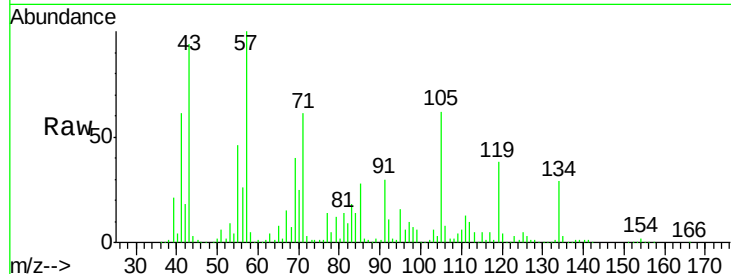




#17
2-Methylphenol
Concen: 6.79 ng
RT: 7.14 min Scan# 442
Delta R.T. 0.11 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

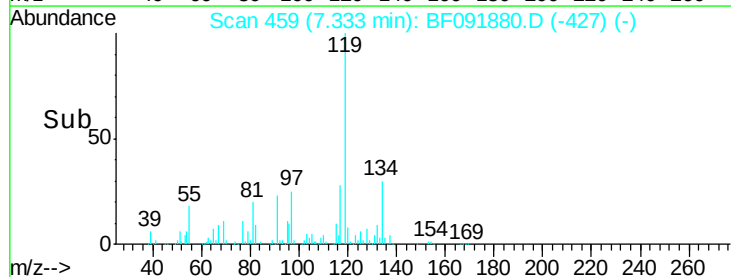
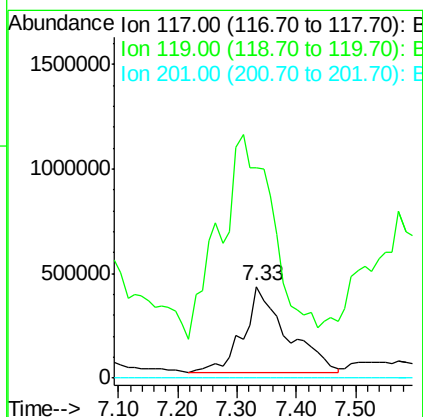
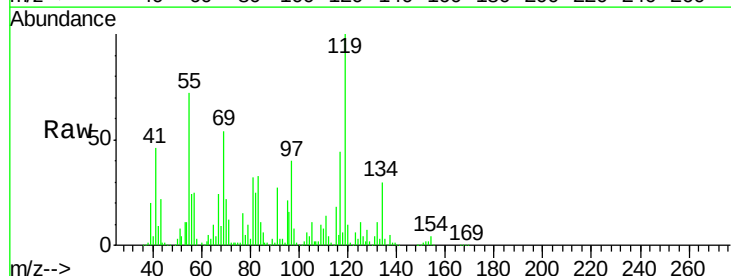
Instrument :
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ClientSampleId :
WASTE-WATER-COMP

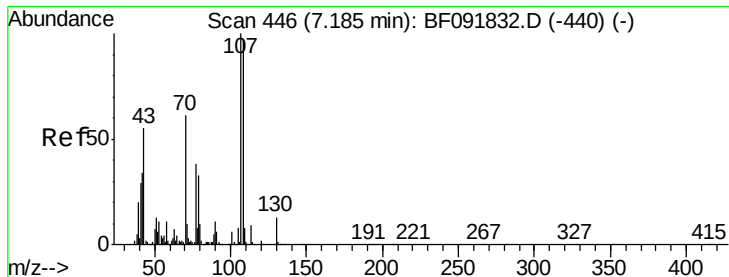
Tgt Ion:107 Resp: 54056
Ion Ratio Lower Upper
107 100
108 91.5 93.0 139.6#
77 775.2 39.8 59.8#
79 643.2 38.0 57.0#



#18
Hexachloroethane
Concen: 539.94 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.07 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion:117 Resp: 2153760
Ion Ratio Lower Upper
117 100
119 229.4 78.1 117.1#
201 0.0 78.6 117.8#

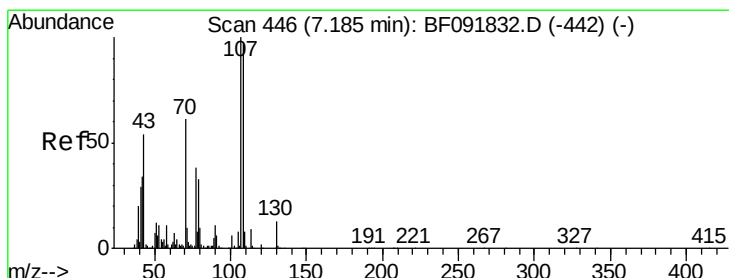
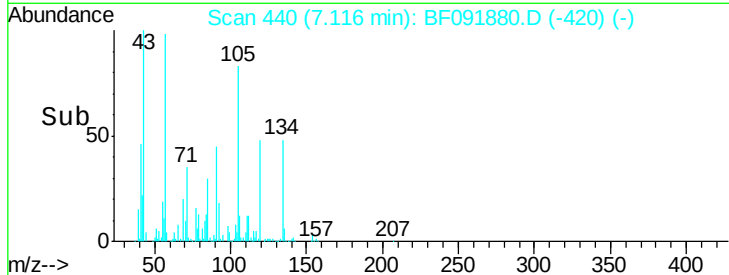
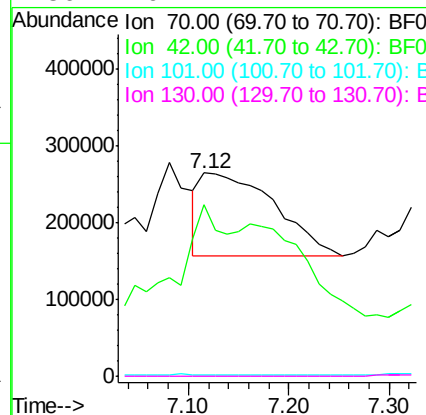
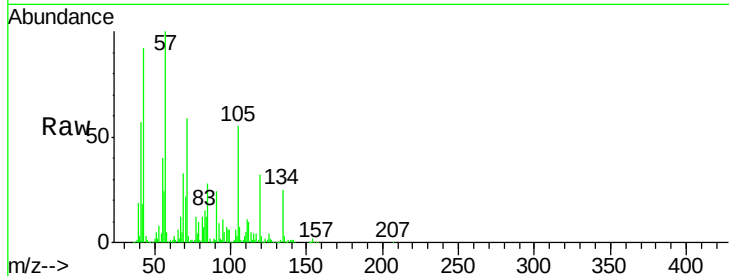




#19
n-Nitroso-di-n-propylamine
Concen: 77.80 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.07 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

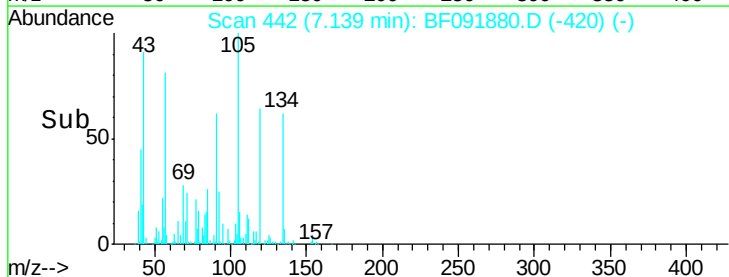
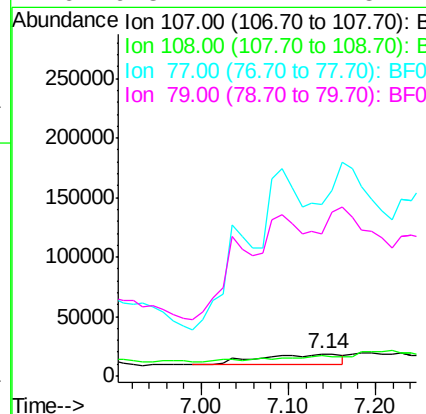
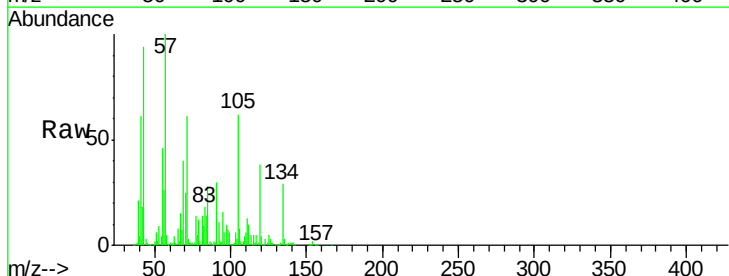
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

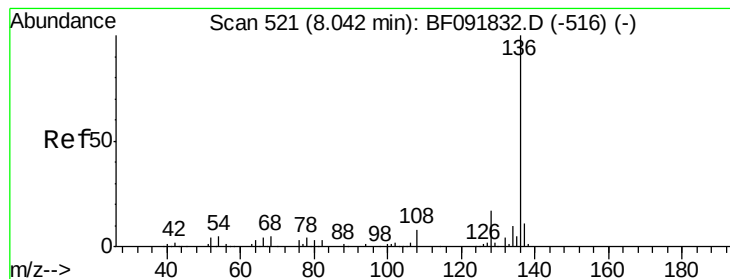
Tgt Ion: 70 Resp: 550108
Ion Ratio Lower Upper
70 100
42 84.6 49.4 74.0#
101 0.8 7.4 11.2#
130 0.2 14.2 21.4#



#20
3+4-Methylphenols
Concen: 6.08 ng
RT: 7.14 min Scan# 442
Delta R.T. -0.05 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion: 107 Resp: 57750
Ion Ratio Lower Upper
107 100
108 91.5 73.0 113.0
77 775.2 71.3 111.3#
79 643.2 11.1 51.1#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

Delta R.T. 0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

Tgt Ion:136 Resp: 112058

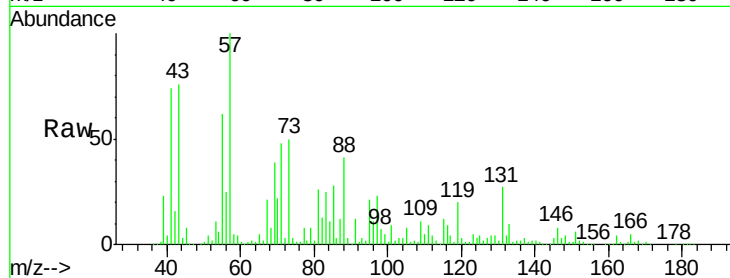
Ion Ratio Lower Upper

136 100

137 185.5 8.4 12.6#

54 332.4 4.5 6.7#

68 430.2 3.6 5.4#

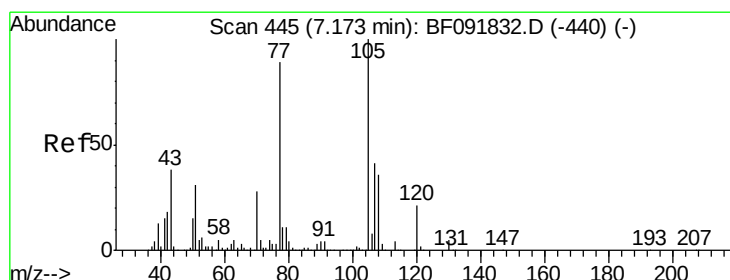
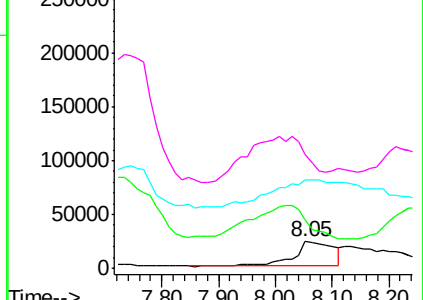
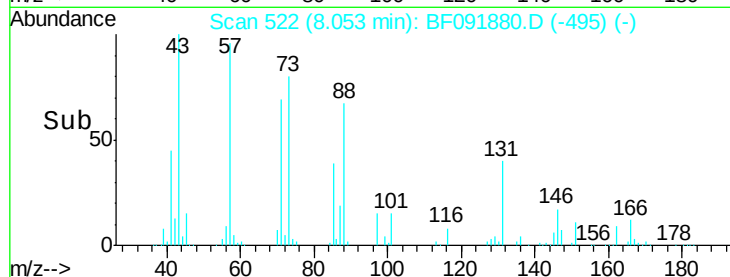


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 390.45 ng

RT: 7.09 min Scan# 438

Delta R.T. -0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Tgt Ion:105 Resp: 1079194

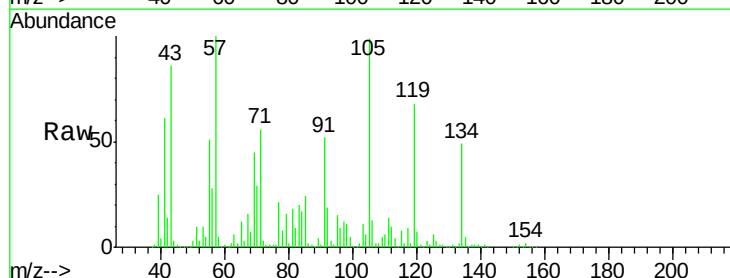
Ion Ratio Lower Upper

105 100

71 56.3 3.2 4.8#

51 9.9 26.2 39.4#

120 7.0 16.6 24.8#

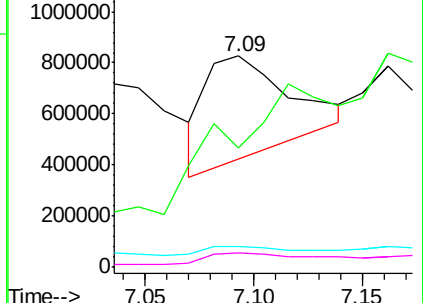
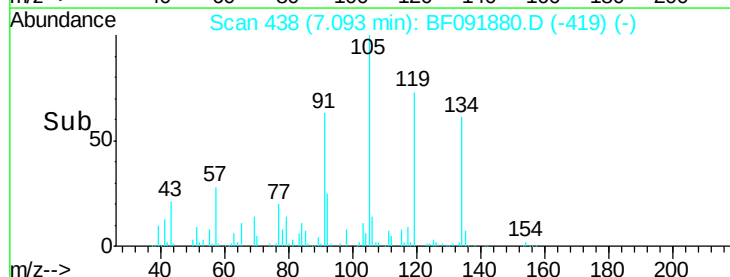


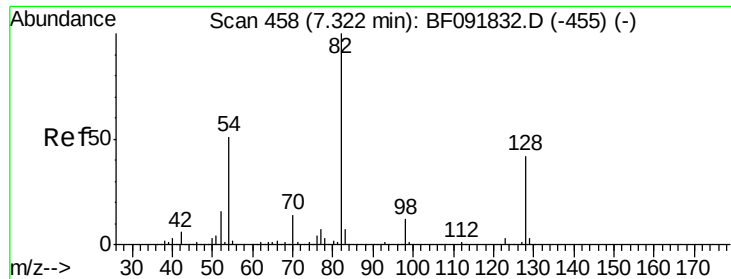
Abundance Ion 105.00 (104.70 to 105.70): E

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

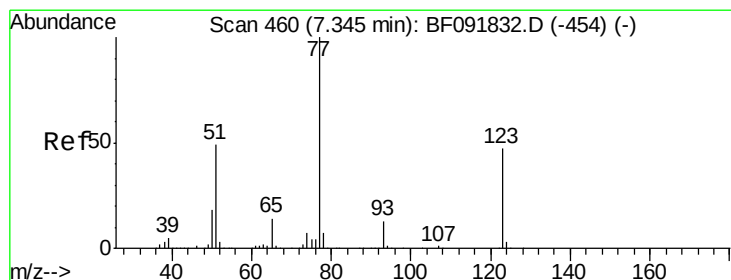
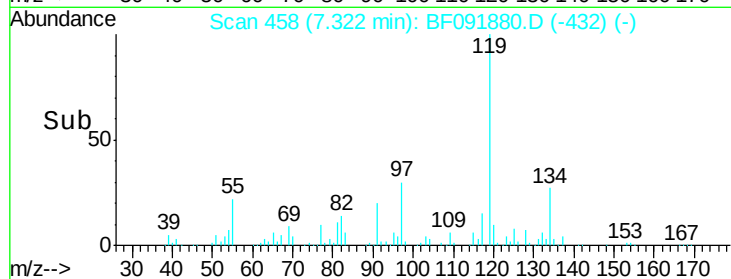
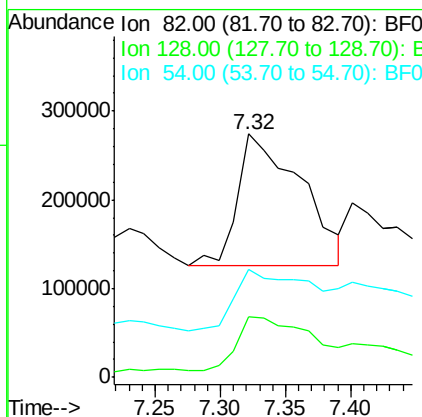
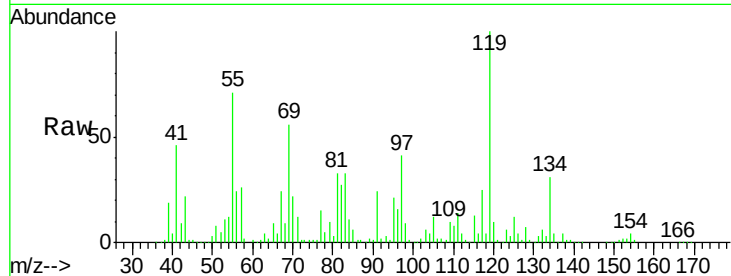




#23
 Nitrobenzene-d5
 Concen: 249.52 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.00 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

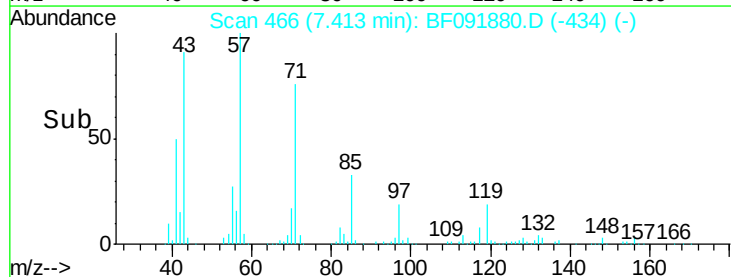
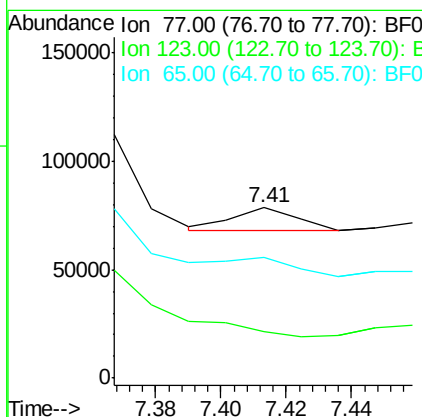
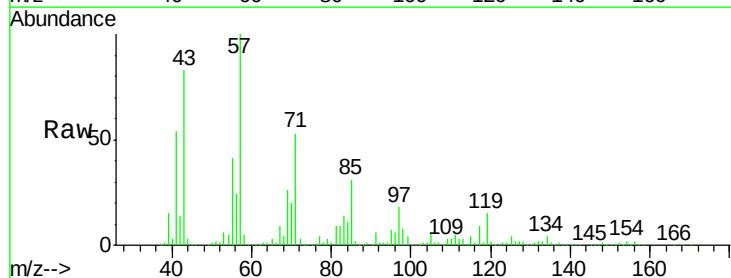
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

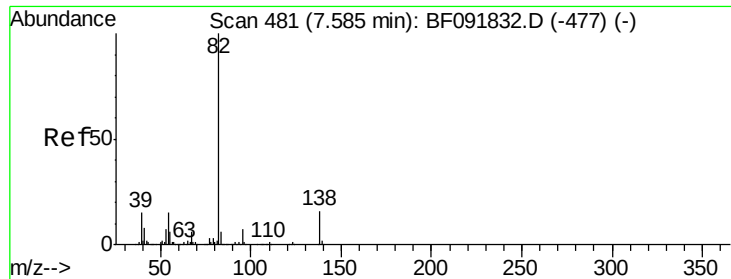
Tgt Ion: 82 Resp: 502840
 Ion Ratio Lower Upper
 82 100
 128 24.7 34.6 52.0#
 54 44.6 39.5 59.3



#24
 Nitrobenzene
 Concen: 6.73 ng
 RT: 7.41 min Scan# 466
 Delta R.T. 0.07 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion: 77 Resp: 14450
 Ion Ratio Lower Upper
 77 100
 123 27.0 33.0 49.4#
 65 71.2 11.2 16.8#





#25

Isophorone

Concen: 147.15 ng

RT: 7.60 min Scan# 482

Delta R.T. 0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

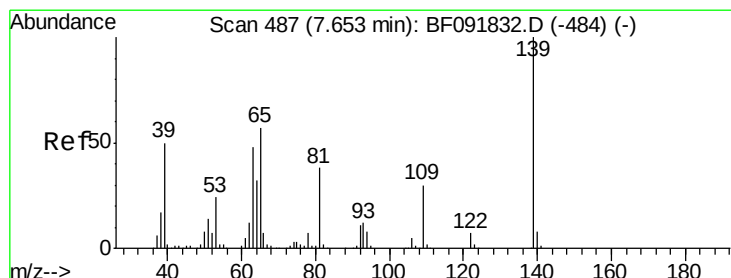
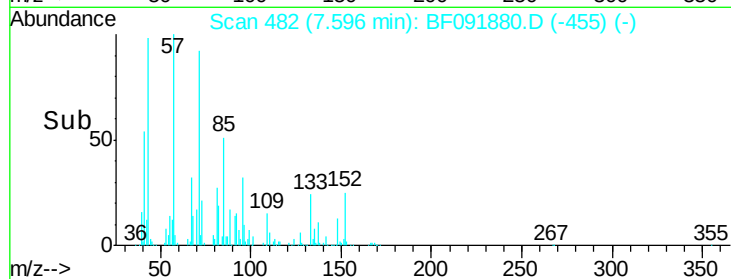
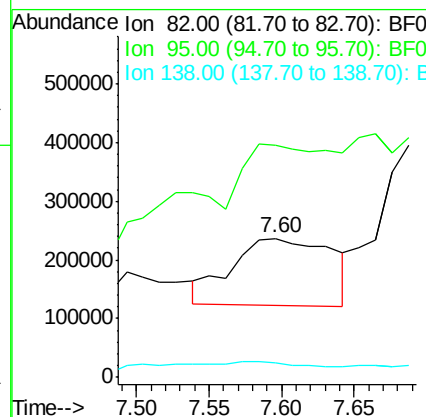
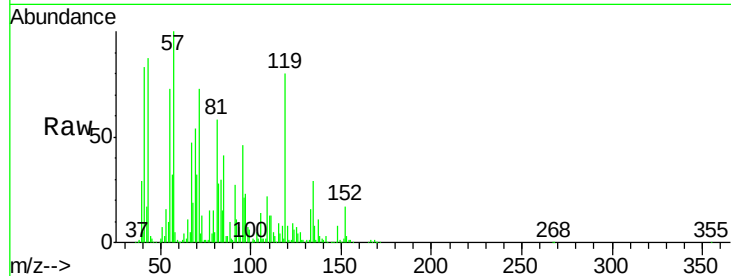
Tgt Ion: 82 Resp: 547116

Ion Ratio Lower Upper

82 100

95 167.3 5.6 8.4#

138 10.2 14.6 22.0#



#26

2-Nitrophenol

Concen: 301.56 ng

RT: 7.77 min Scan# 497

Delta R.T. 0.11 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

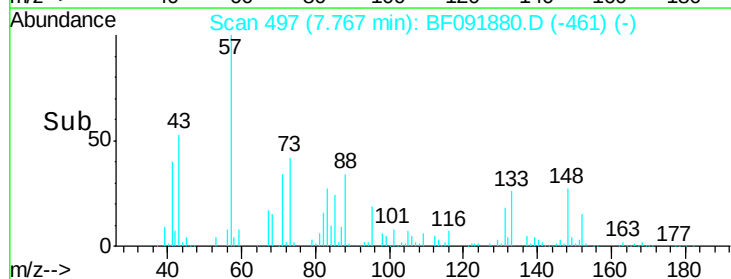
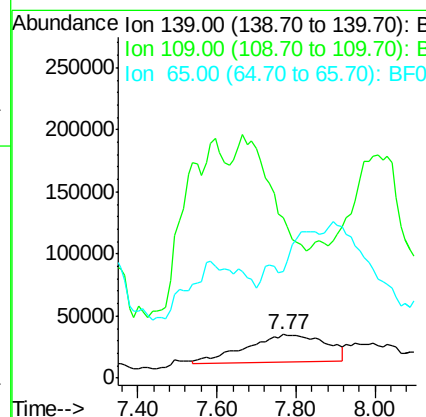
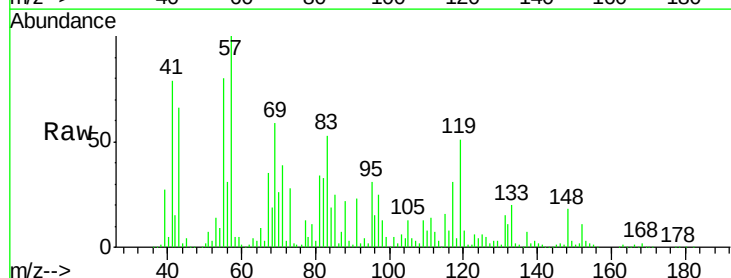
Tgt Ion: 139 Resp: 319195

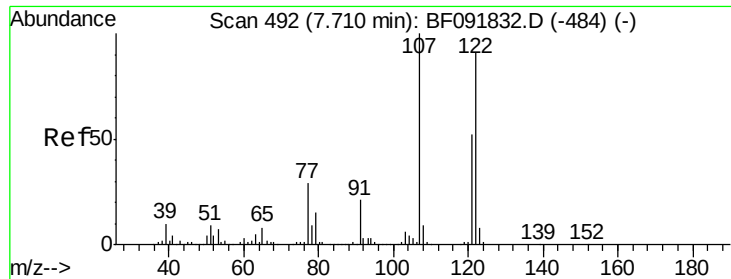
Ion Ratio Lower Upper

139 100

109 370.6 23.3 34.9#

65 245.2 42.7 64.1#





#27

2,4-Dimethylphenol

Concen: 24.83 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.00 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

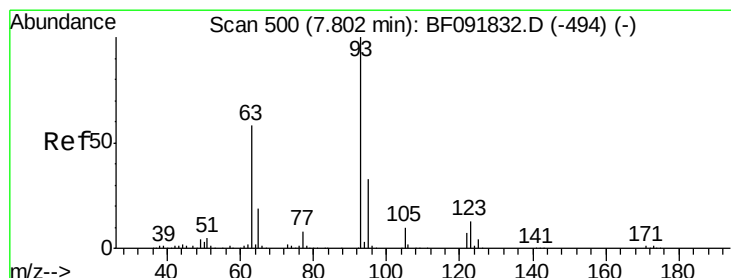
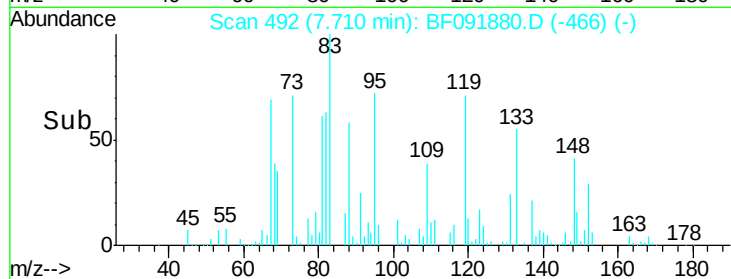
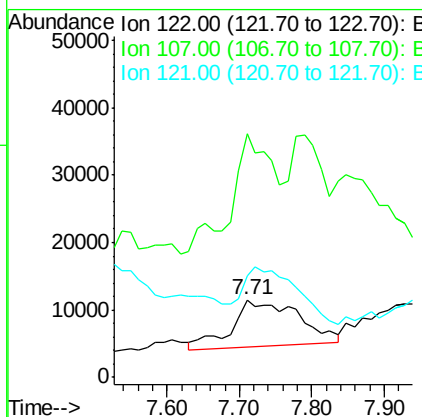
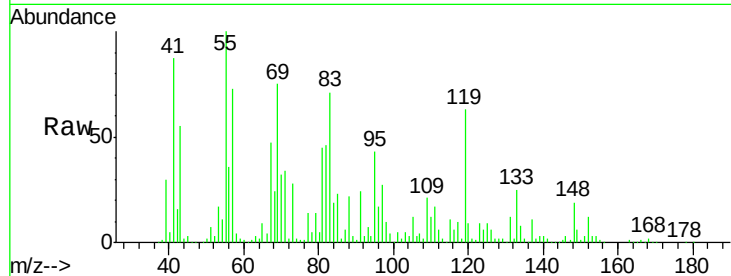
BNA_F

ClientSampleId :

WASTE-WATER-COMP

Tgt Ion:122 Resp: 43591

Ion	Ratio	Lower	Upper
122	100		
107	315.4	94.1	141.1#
121	131.7	46.0	69.0#



#28

bis(2-Chloroethoxy)methane

Concen: 17.84 ng

RT: 7.93 min Scan# 511

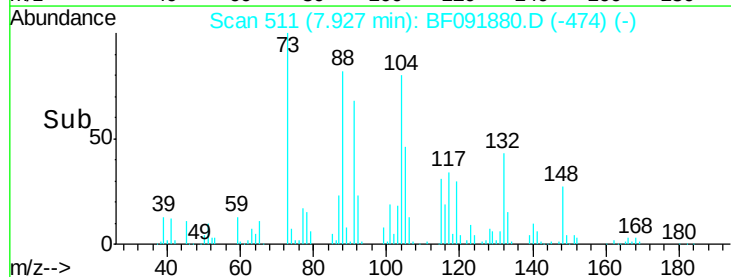
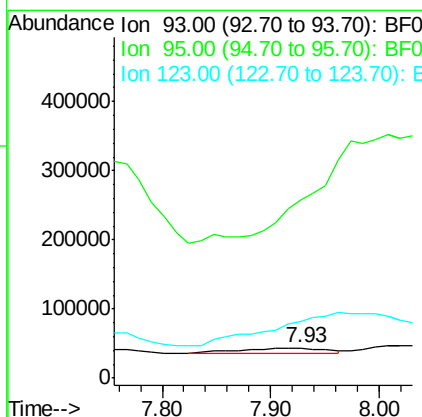
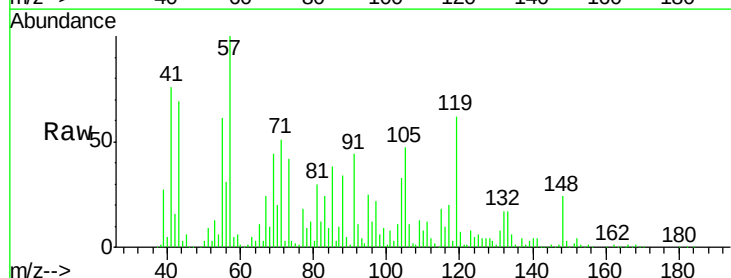
Delta R.T. 0.13 min

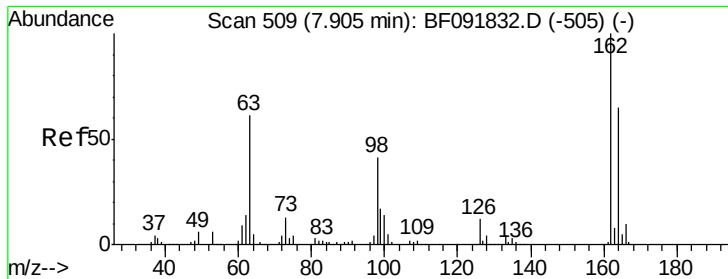
Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Tgt Ion: 93 Resp: 40225

Ion	Ratio	Lower	Upper
93	100		
95	592.2	26.5	39.7#
123	187.8	8.6	13.0#

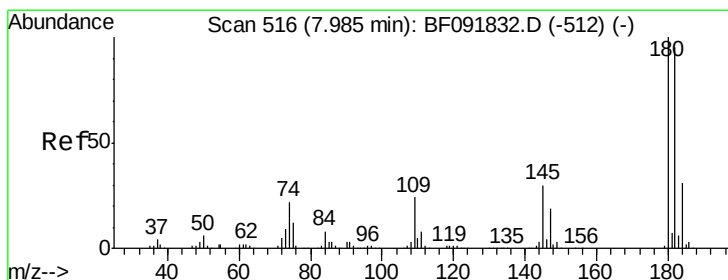
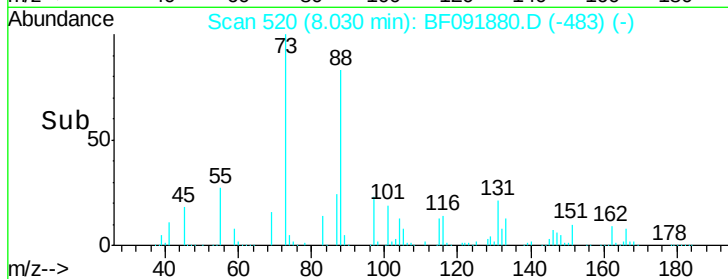
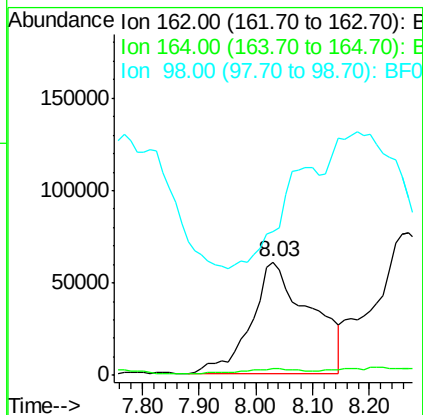
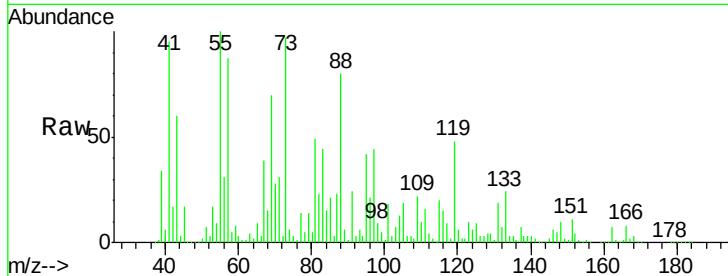




#29
2,4-Dichlorophenol
Concen: 297.49 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.13 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

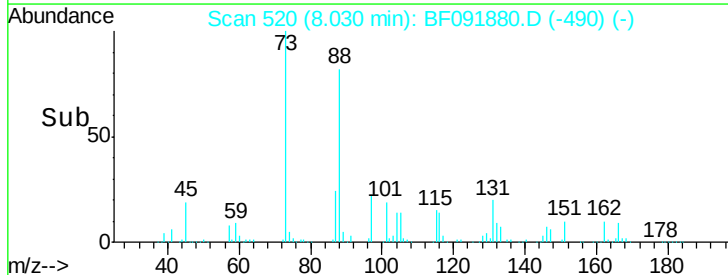
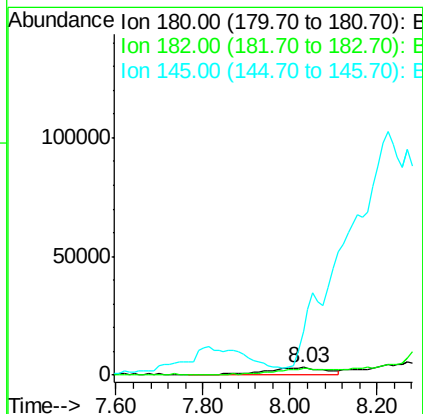
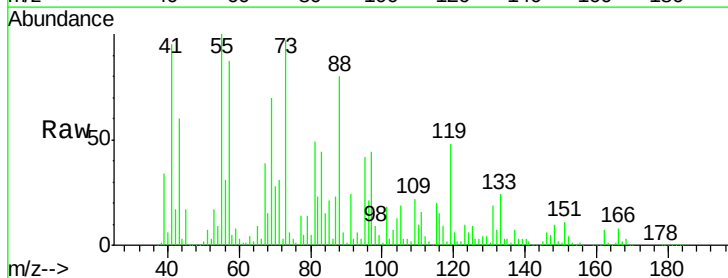
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

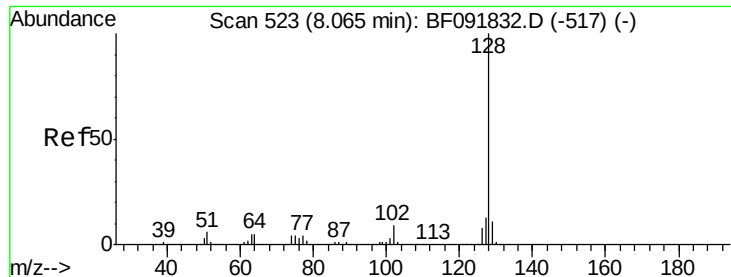
Tgt Ion:162 Resp: 442237
Ion Ratio Lower Upper
162 100
164 5.8 46.8 86.8#
98 127.1 9.1 49.1#



#30
1,2,4-Trichlorobenzene
Concen: 16.00 ng
RT: 8.03 min Scan# 520
Delta R.T. 0.05 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion:180 Resp: 26062
Ion Ratio Lower Upper
180 100
182 82.7 78.2 117.4
145 579.4 21.6 32.4#

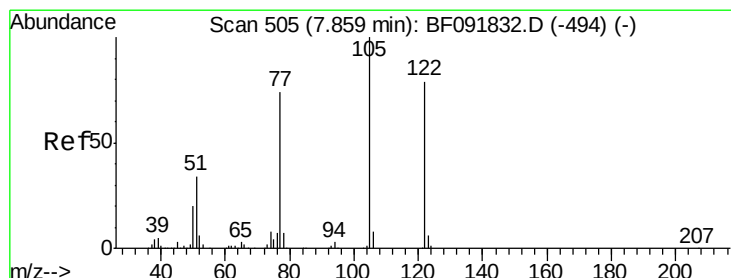
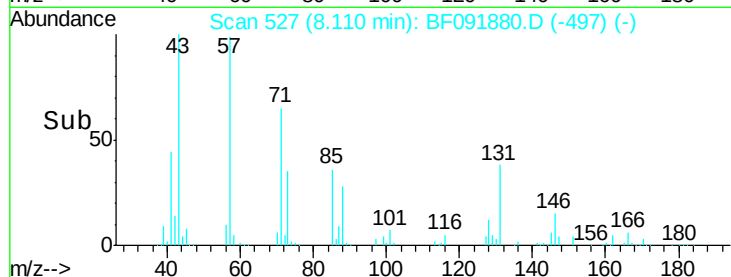
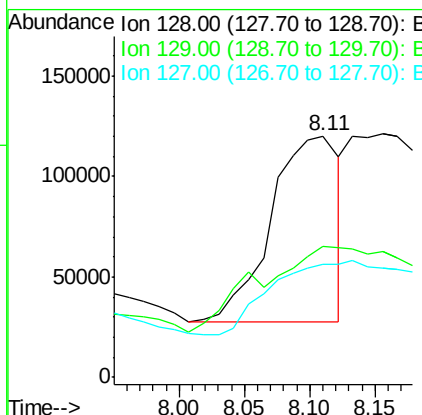
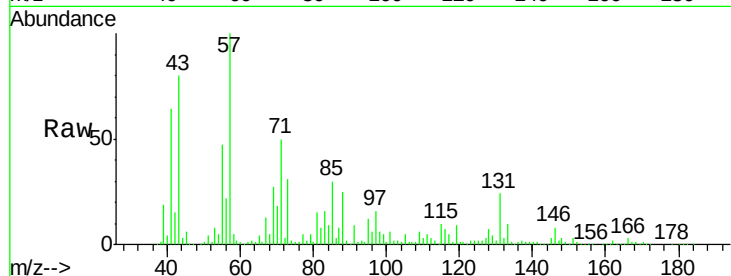




#31
Naphthalene
Concen: 65.83 ng
RT: 8.11 min Scan# 527
Delta R.T. 0.05 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

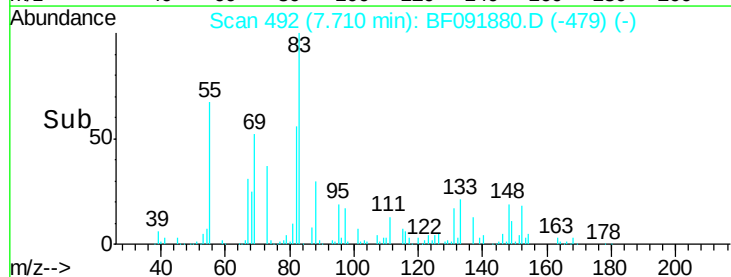
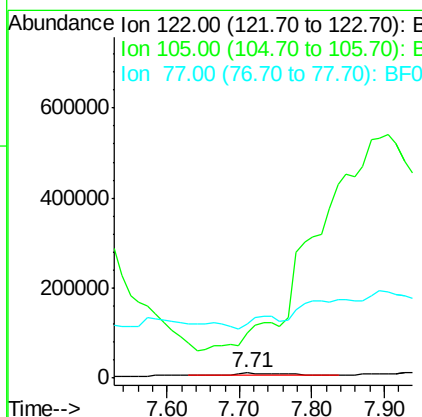
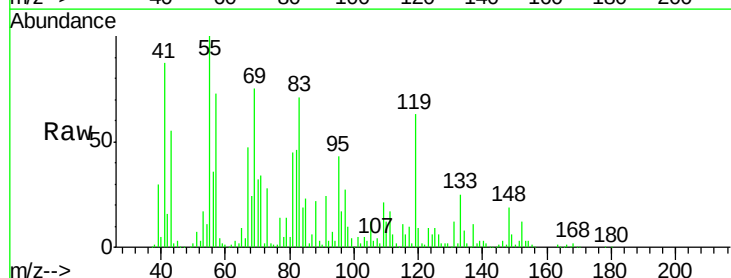
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

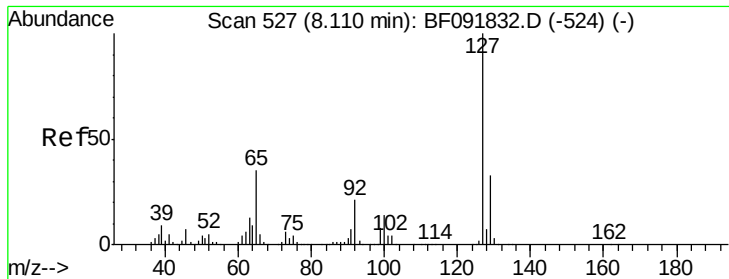
Tgt Ion:128 Resp: 337628
Ion Ratio Lower Upper
128 100
129 54.4 9.5 14.3#
127 46.9 10.8 16.2#



#32
Benzoic acid
Concen: 27.77 ng
RT: 7.71 min Scan# 492
Delta R.T. -0.15 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion:122 Resp: 36154
Ion Ratio Lower Upper
122 100
105 874.0 107.2 147.2#
77 1047.5 74.5 114.5#

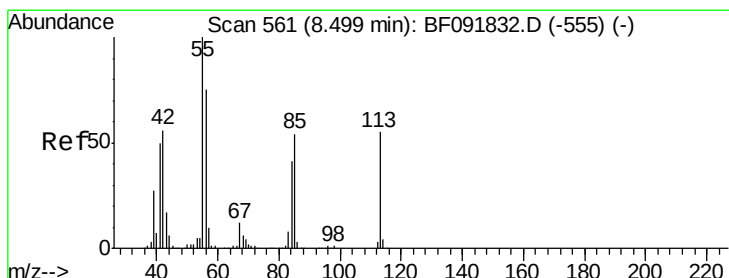
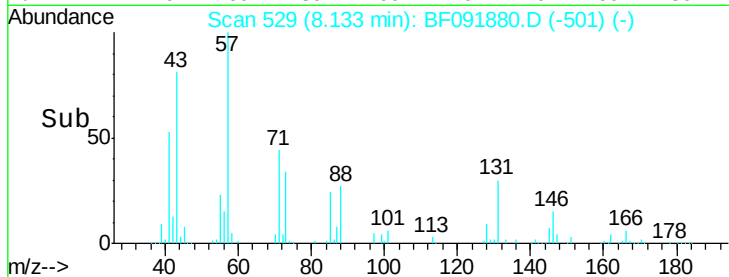
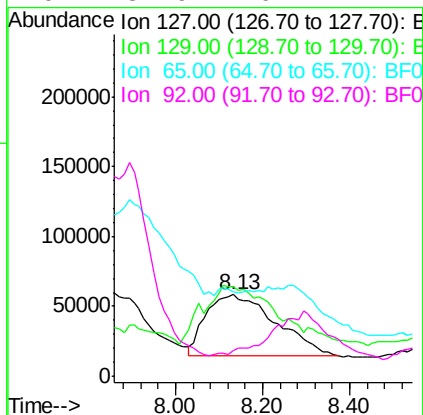
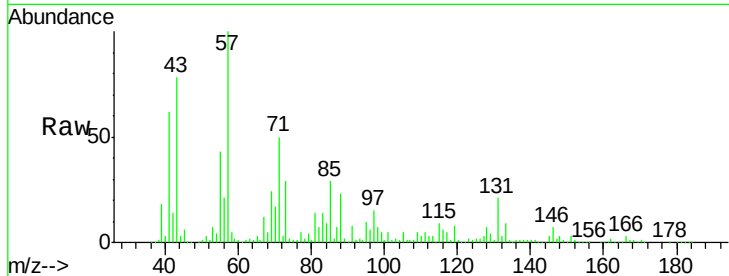




#33
4-Chloroaniline
Concen: 207.07 ng
RT: 8.13 min Scan# 529
Delta R.T. 0.02 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

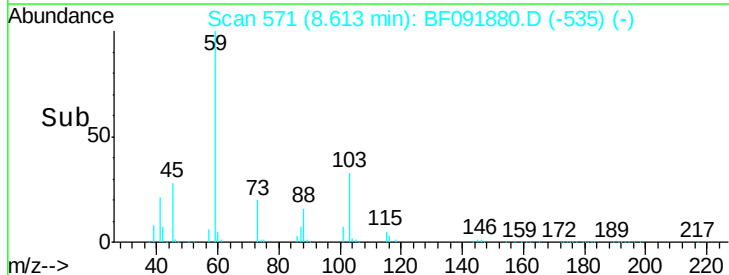
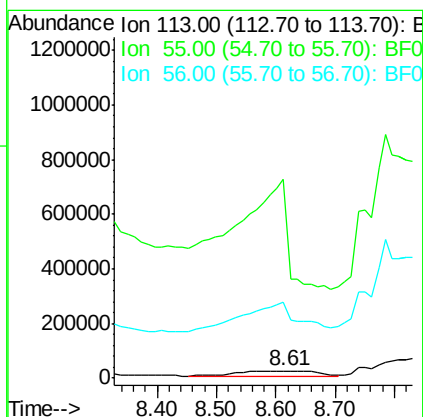
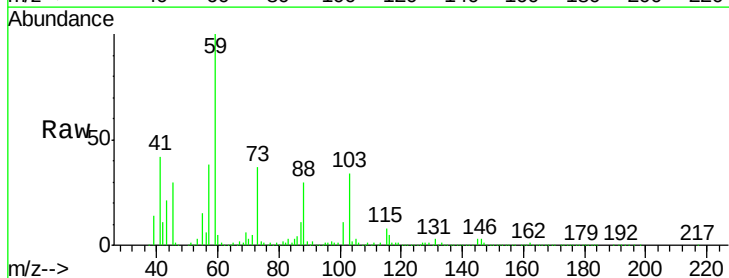
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

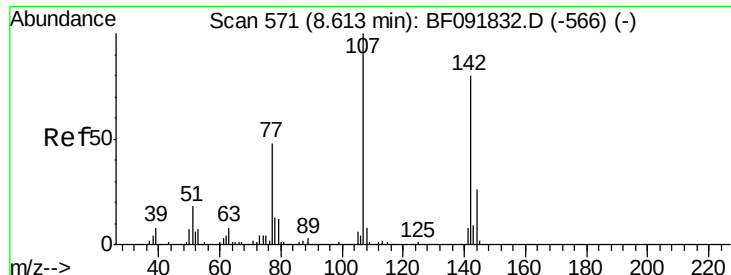
Tgt Ion	Ratio	Lower	Upper
127	100		
129	109.5	26.3	39.5#
65	104.2	25.8	38.8#
92	31.9	16.1	24.1#



#35
Caprolactam
Concen: 337.92 ng
RT: 8.61 min Scan# 571
Delta R.T. 0.11 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion	Ratio	Lower	Upper
113	100		
55	2728.8	119.2	159.2#
56	1053.0	83.8	123.8#

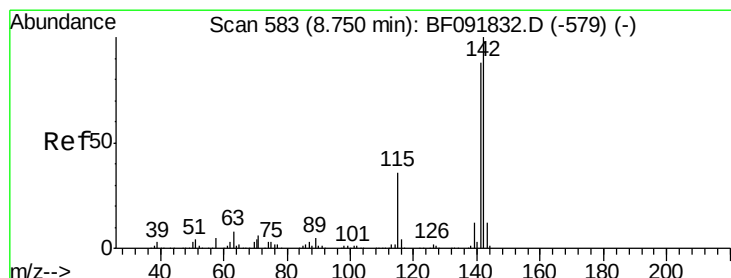
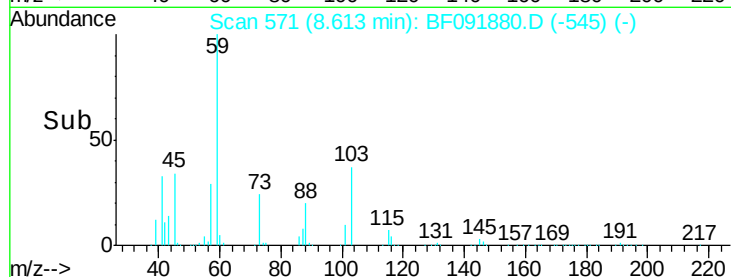
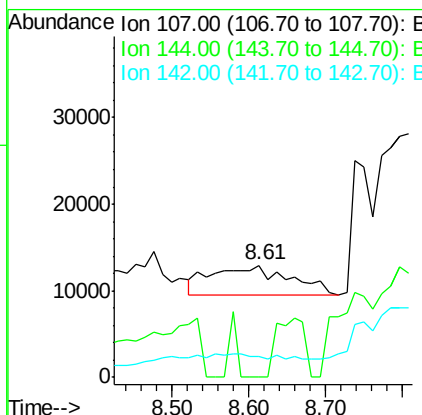
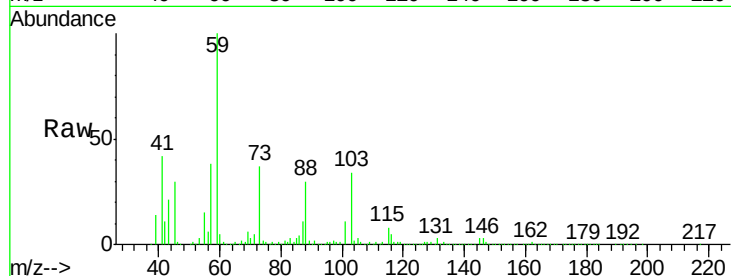




#36
 4-Chloro-3-methylphenol
 Concen: 13.90 ng
 RT: 8.61 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

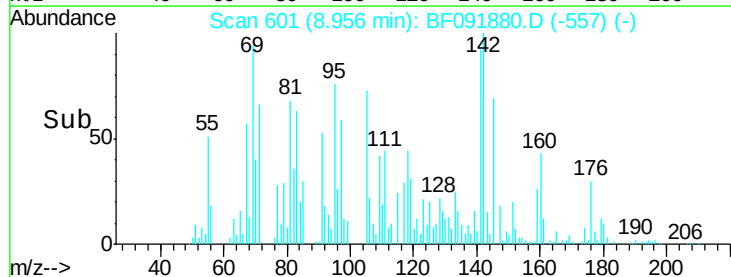
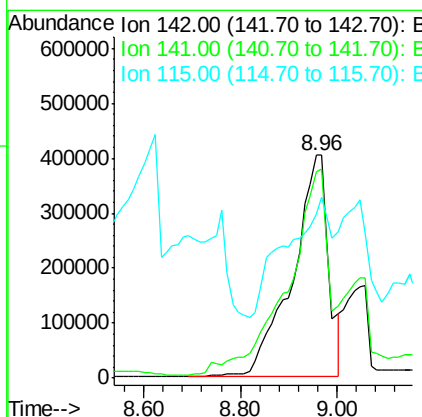
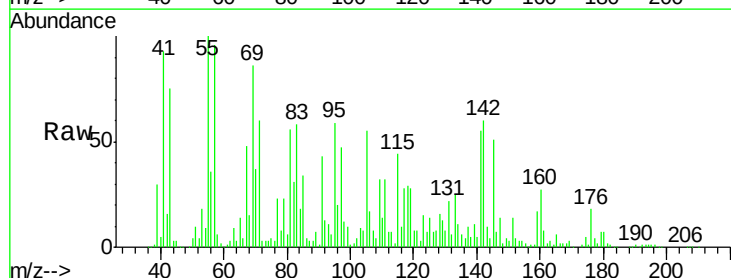
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

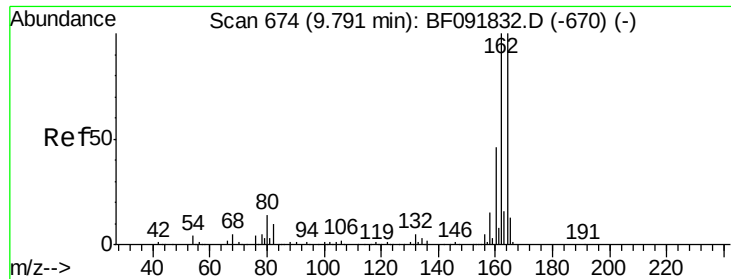
Tgt Ion:107 Resp: 23778
 Ion Ratio Lower Upper
 107 100
 144 0.0 19.3 28.9#
 142 18.5 59.0 88.6#



#37
 2-Methylnaphthalene
 Concen: Below Cal
 RT: 8.96 min Scan# 601
 Delta R.T. 0.21 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion:142 Resp: 2093117
 Ion Ratio Lower Upper
 142 100
 141 92.9 71.0 106.6
 115 73.4 28.3 42.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.02 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

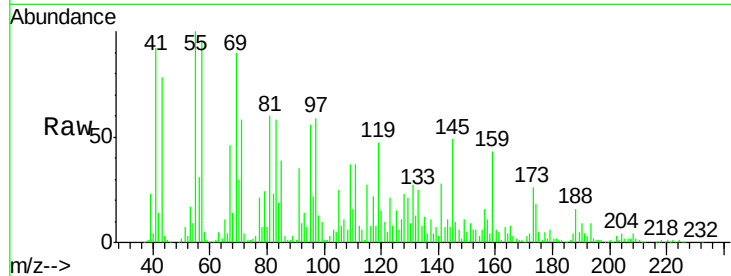
Tgt Ion:164 Resp: 78643

Ion Ratio Lower Upper

164 100

162 29.7 80.2 120.2#

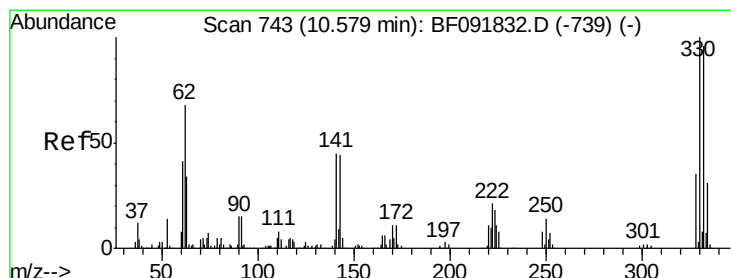
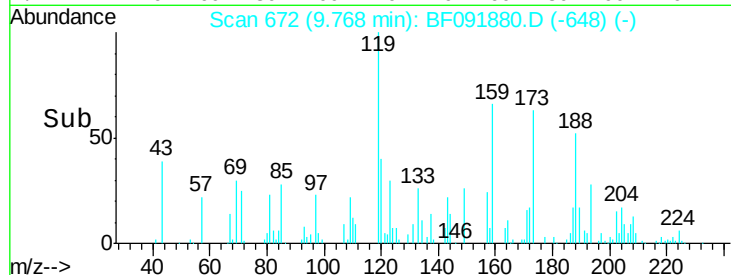
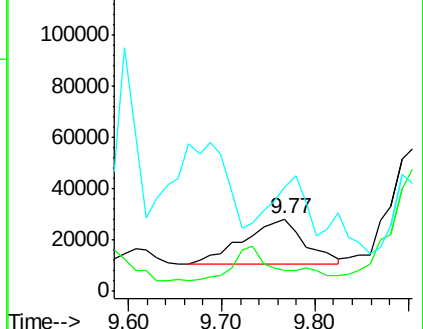
160 144.4 36.9 55.3#



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



#41

2,4,6-Tribromophenol

Concen: 241.74 ng

RT: 10.66 min Scan# 750

Delta R.T. 0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

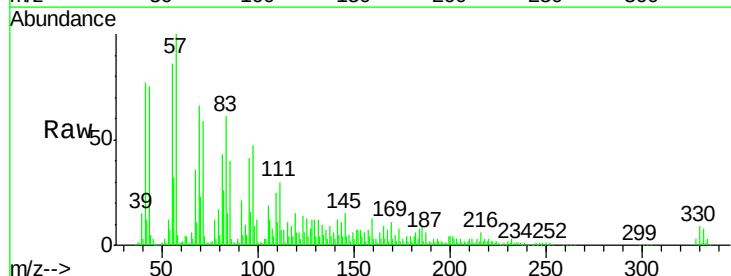
Tgt Ion:330 Resp: 157333

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

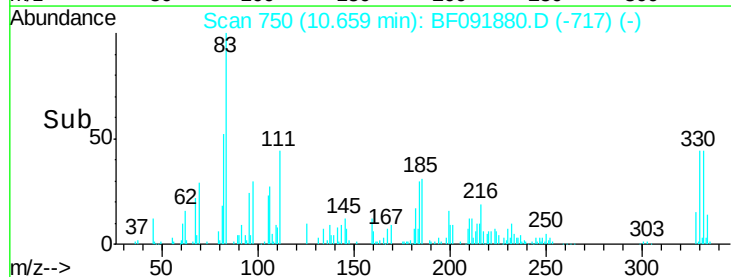
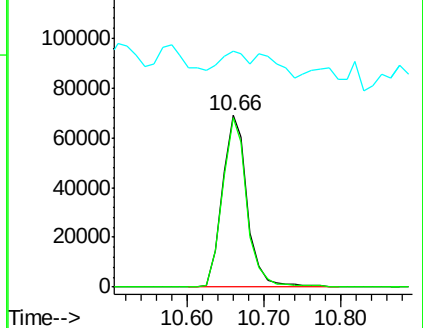
141 10.8 34.1 51.1#

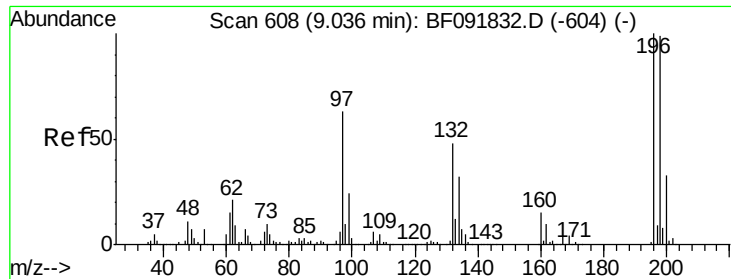


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

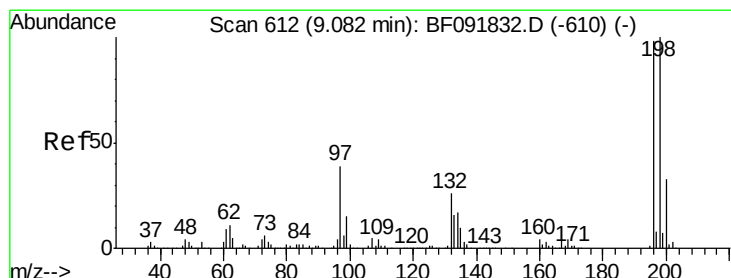
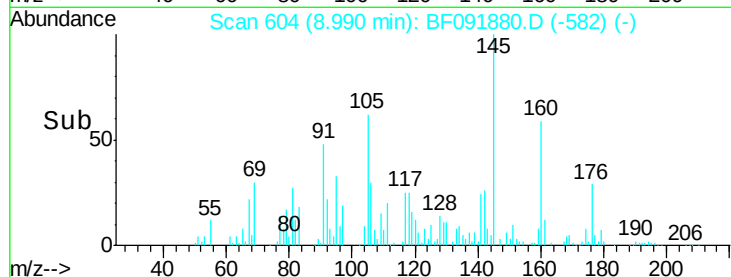
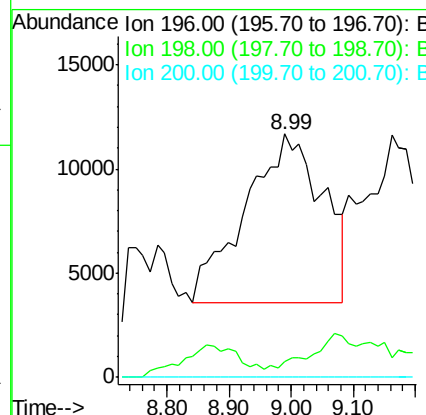
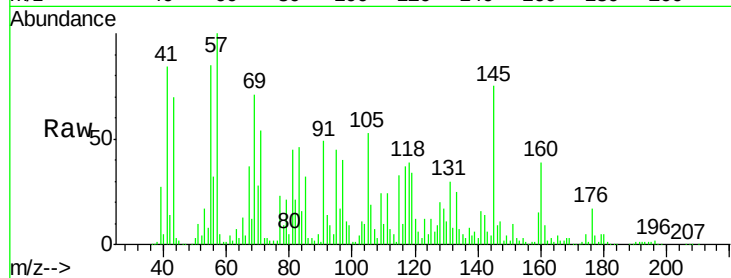




#42
 2,4,6-Trichlorophenol
 Concen: 50.43 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.05 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

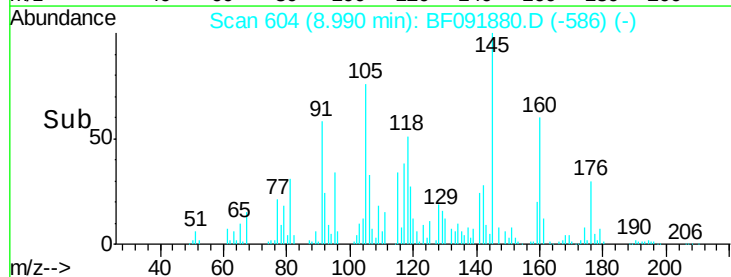
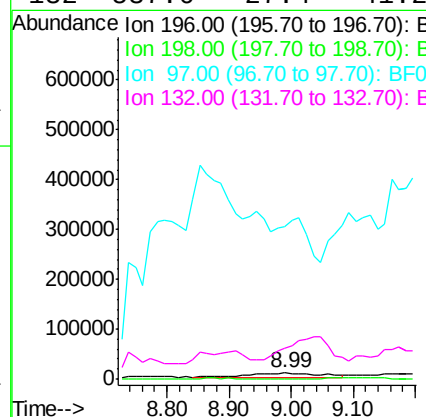
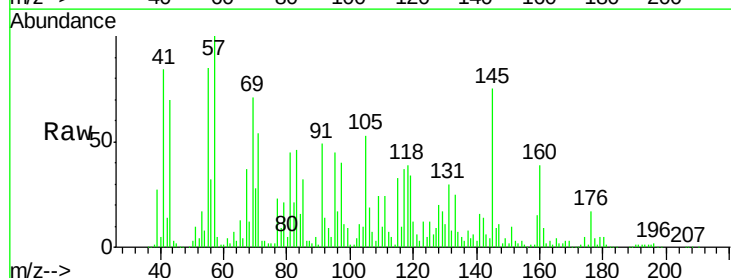
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

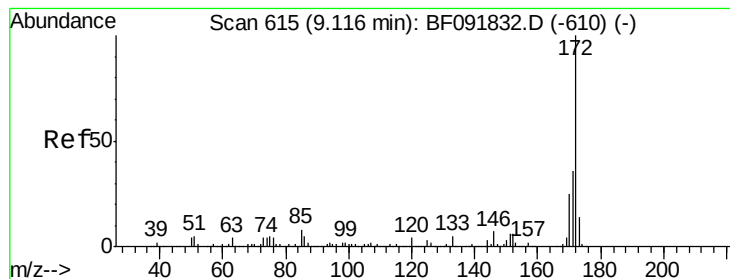
Tgt Ion:196 Resp: 70070
 Ion Ratio Lower Upper
 196 100
 198 6.2 82.1 123.1#
 200 0.0 27.0 40.4#



#43
 2,4,5-Trichlorophenol
 Concen: 49.00 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.09 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion:196 Resp: 70070
 Ion Ratio Lower Upper
 196 100
 198 6.2 79.4 119.2#
 97 2622.6 51.5 77.3#
 132 537.6 27.4 41.2#





#44

2-Fluorobiphenyl

Concen: 175.03 ng

RT: 9.25 min Scan# 627

Delta R.T. 0.14 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

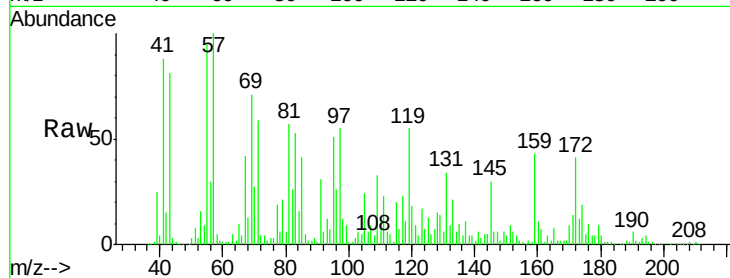
Tgt Ion:172 Resp: 619355

Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

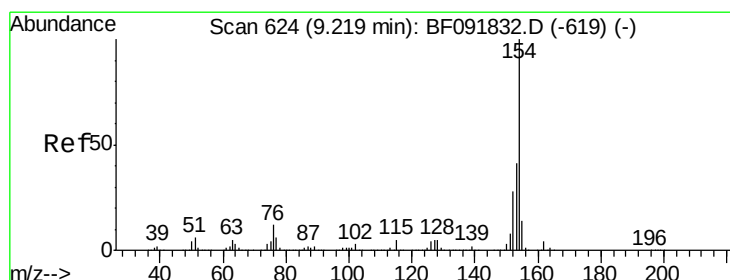
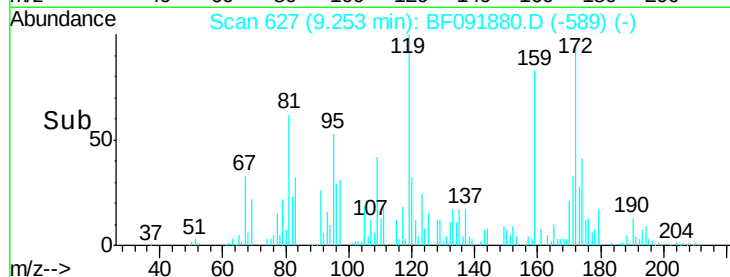
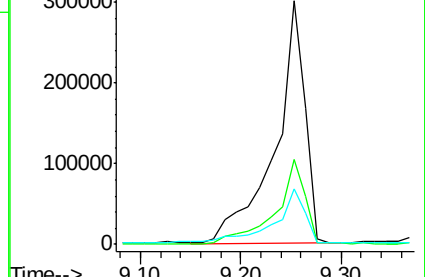
170 23.0 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#45

1,1'-Biphenyl

Concen: 43.41 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.10 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

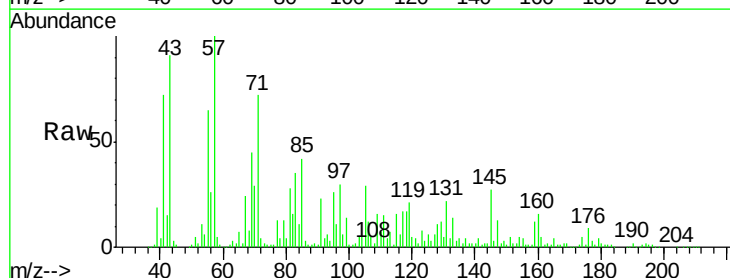
Tgt Ion:154 Resp: 233752

Ion Ratio Lower Upper

154 100

153 34.1 20.9 60.9

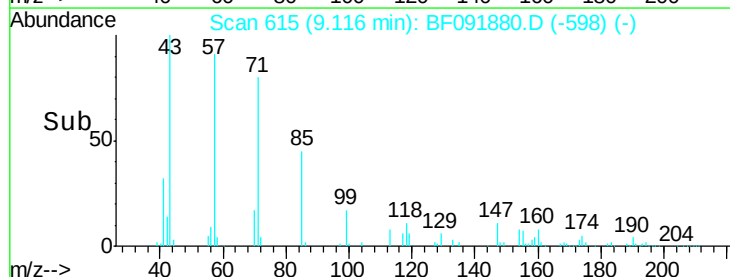
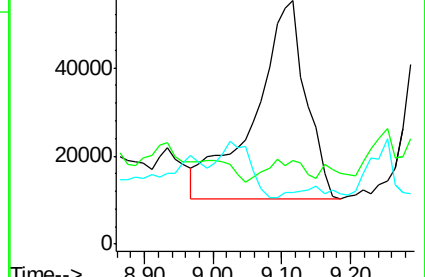
76 21.1 0.0 30.5

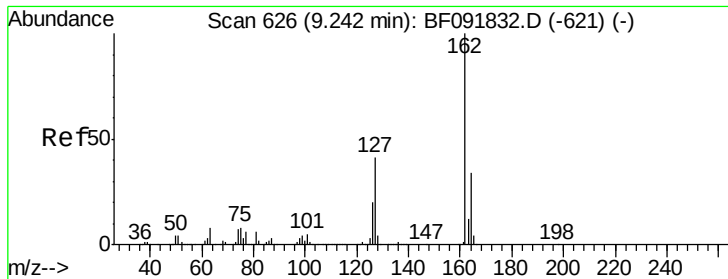


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0





#46

2-Chloronaphthalene

Concen: 3.13 ng

RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

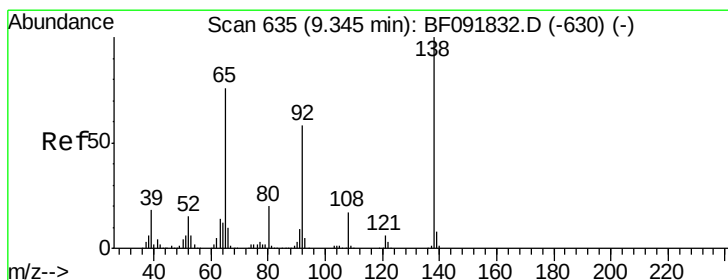
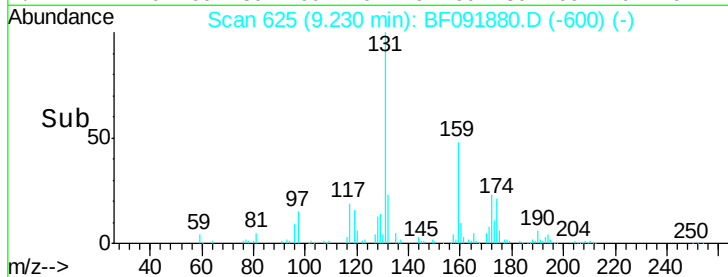
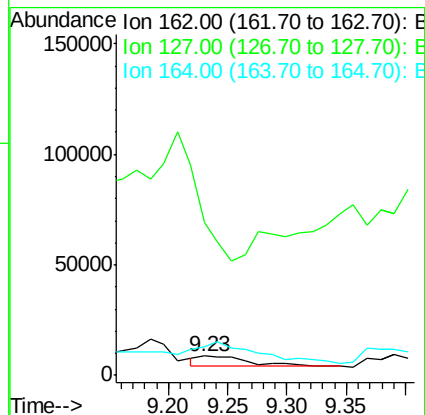
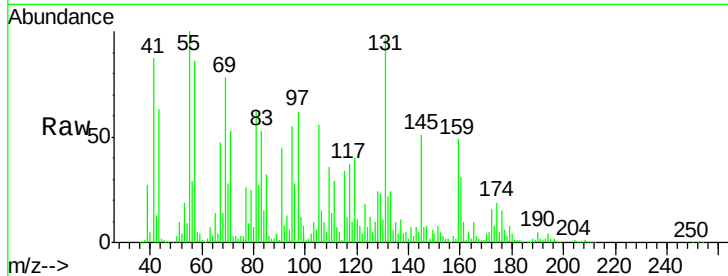
Tgt Ion: 162 Resp: 13365

Ion Ratio Lower Upper

162 100

127 797.8 30.7 46.1#

164 149.5 27.6 41.4#



#47

2-Nitroaniline

Concen: 193.26 ng

RT: 9.41 min Scan# 641

Delta R.T. 0.07 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

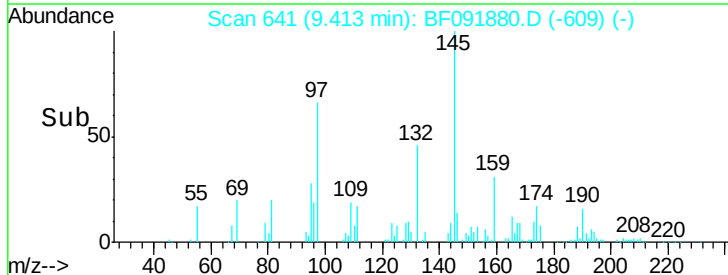
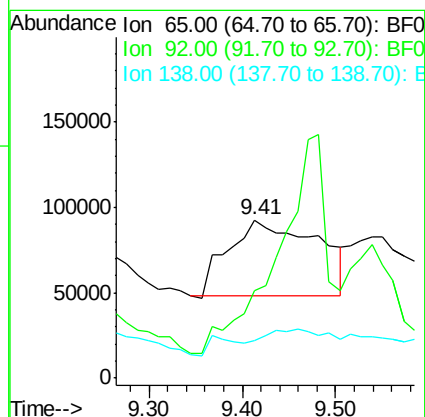
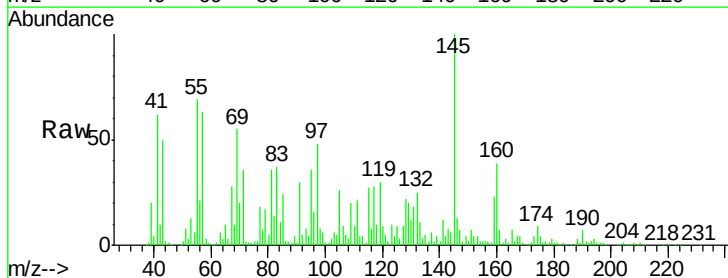
Tgt Ion: 65 Resp: 293434

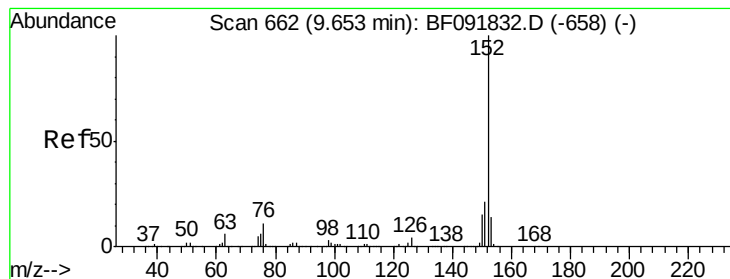
Ion Ratio Lower Upper

65 100

92 55.0 53.9 80.9

138 23.6 76.8 115.2#





#48

Acenaphthylene

Concen: 21.89 ng

RT: 9.58 min Scan# 656

Delta R.T. -0.07 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

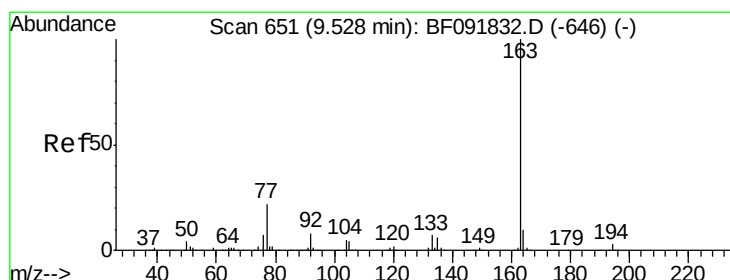
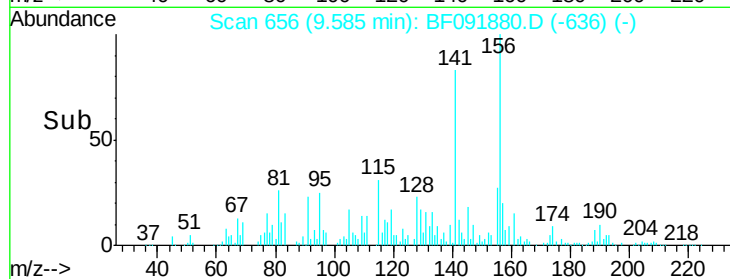
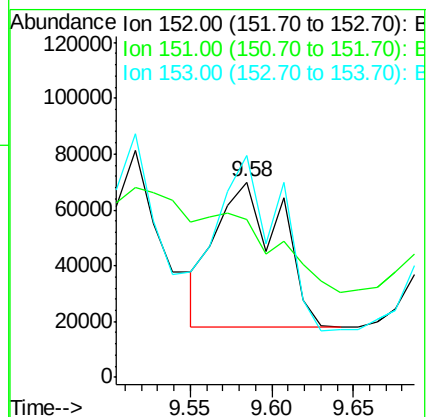
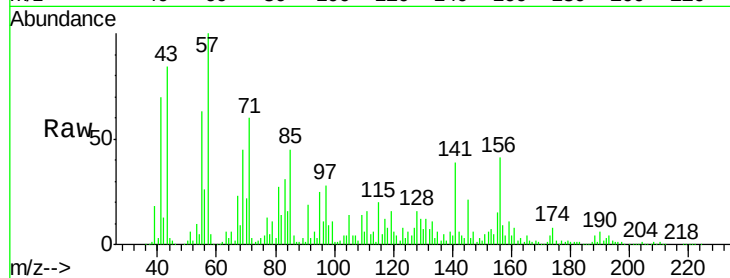
Tgt Ion:152 Resp: 143552

Ion Ratio Lower Upper

152 100

151 81.0 16.9 25.3#

153 114.0 11.4 17.2#



#49

Dimethylphthalate

Concen: 22.96 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.05 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

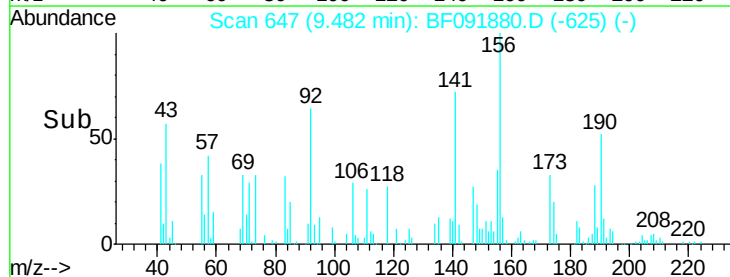
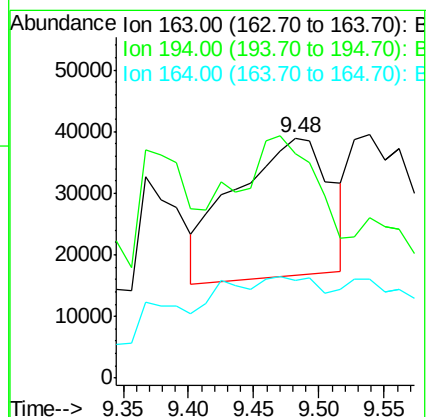
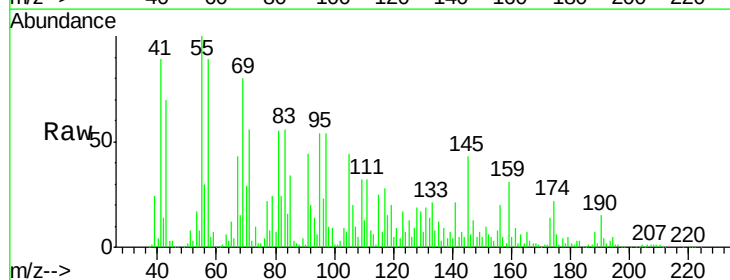
Tgt Ion:163 Resp: 115483

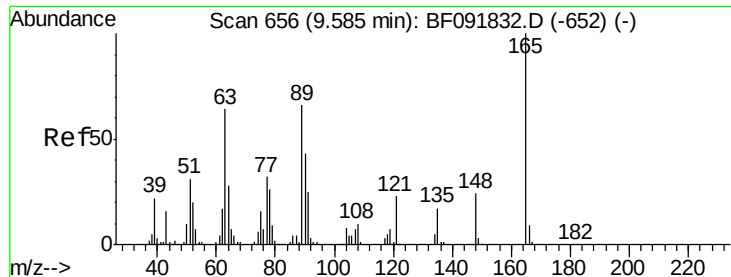
Ion Ratio Lower Upper

163 100

194 93.4 3.0 4.4#

164 40.5 8.0 12.0#

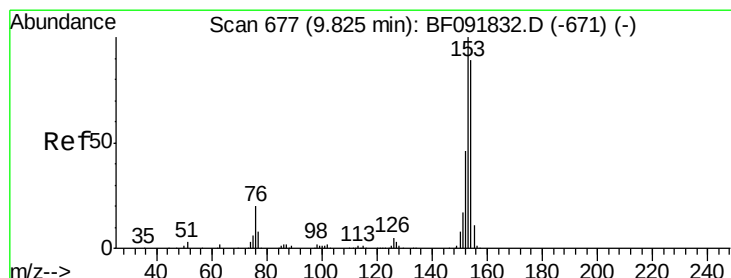
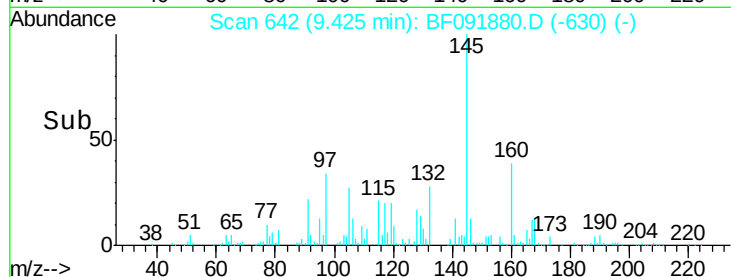
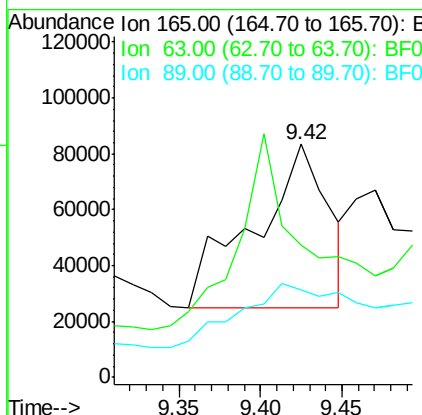
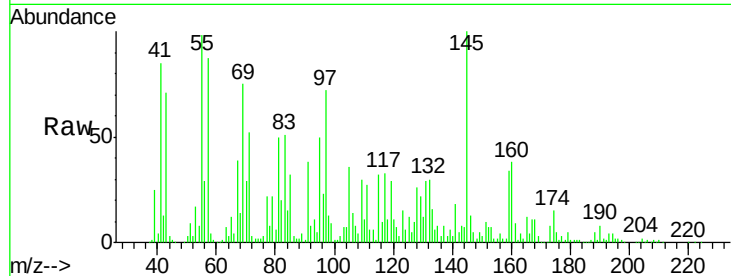




#50
 2,6-Dinitrotoluene
 Concen: 168.49 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.16 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

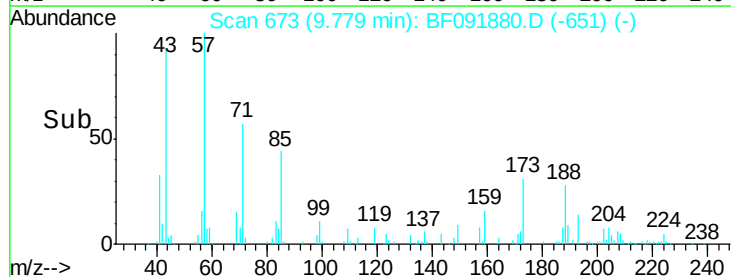
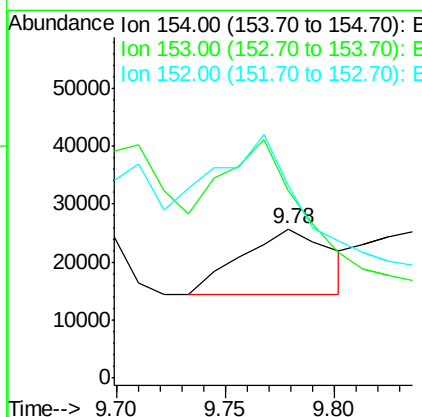
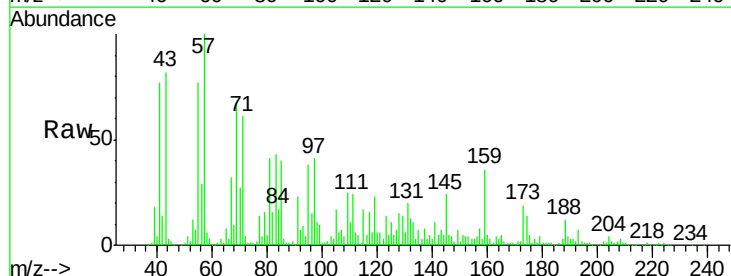
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

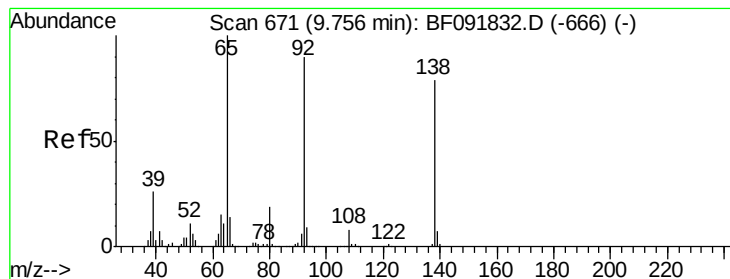
Tgt Ion:165 Resp: 185498
 Ion Ratio Lower Upper
 165 100
 63 56.7 36.2 54.4#
 89 37.6 40.2 60.4#



#51
 Acenaphthene
 Concen: 7.28 ng
 RT: 9.78 min Scan# 673
 Delta R.T. -0.05 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion:154 Resp: 32350
 Ion Ratio Lower Upper
 154 100
 153 125.8 88.6 133.0
 152 129.2 41.6 62.4#





#52

3-Nitroaniline

Concen: 79.05 ng

RT: 9.76 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

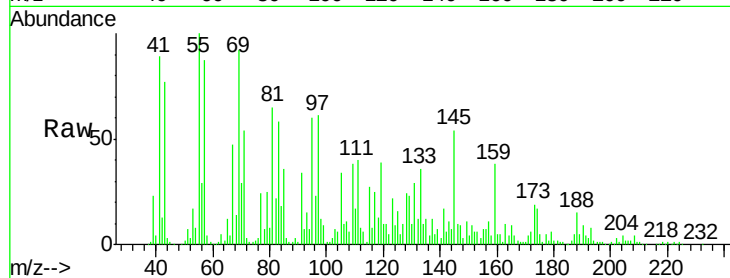
Tgt Ion:138 Resp: 107706

Ion Ratio Lower Upper

138 100

108 129.3 8.5 12.7#

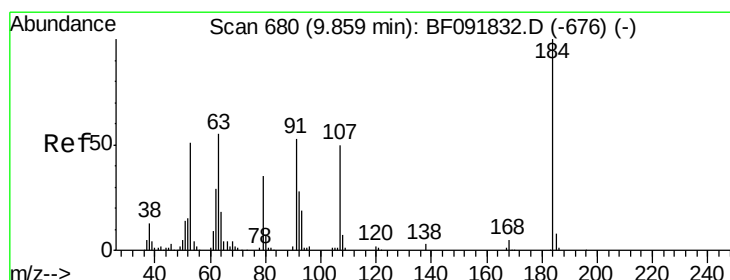
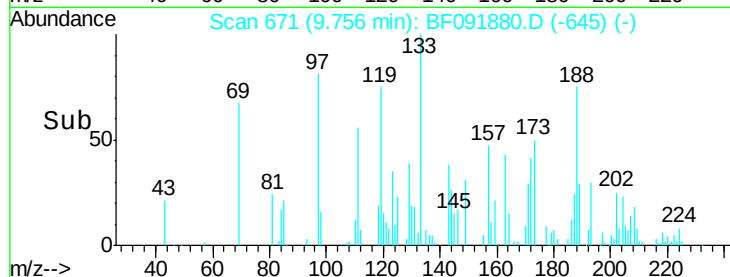
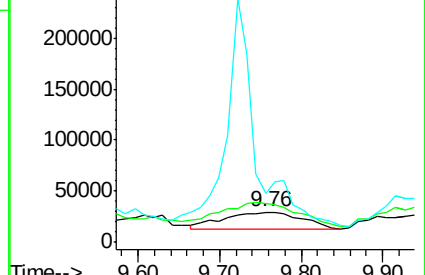
92 160.4 97.8 146.8#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0



#53

2,4-Dinitrophenol

Concen: 33.86 ng

RT: 9.87 min Scan# 681

Delta R.T. 0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

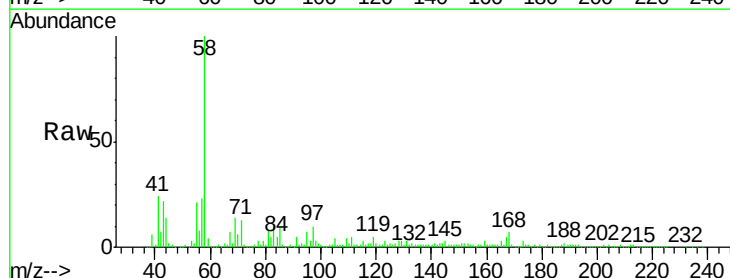
Tgt Ion:184 Resp: 20739

Ion Ratio Lower Upper

184 100

63 433.8 28.4 42.6#

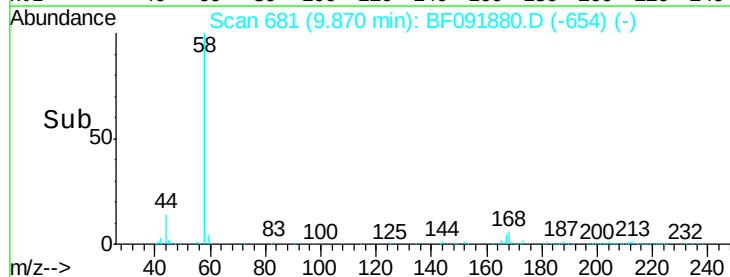
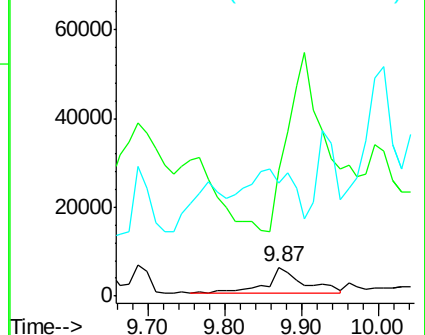
154 385.8 44.3 66.5#

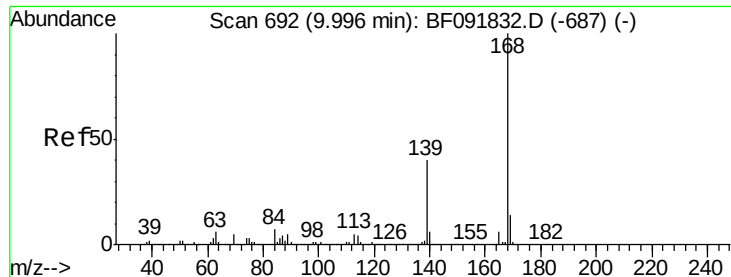


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

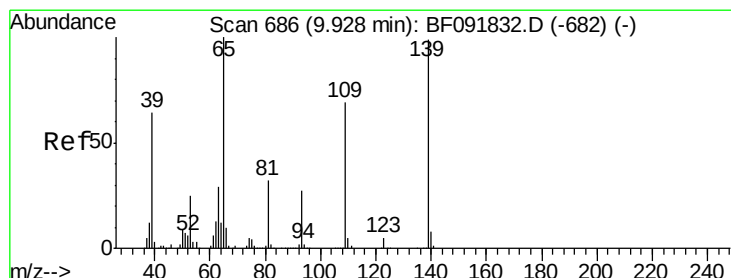
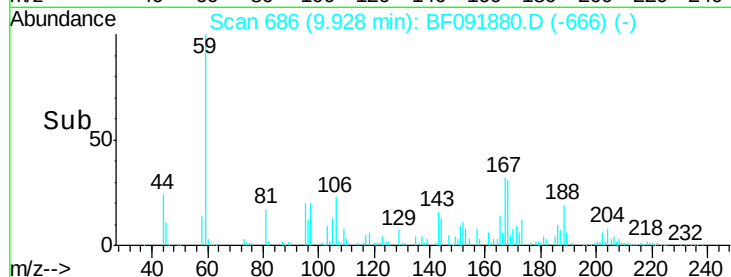
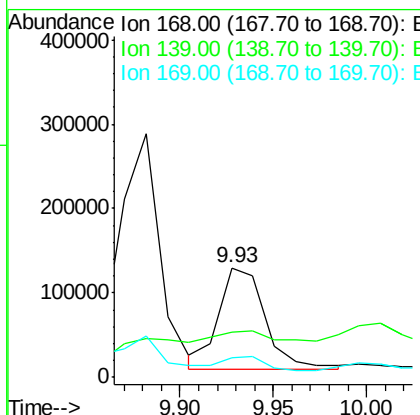
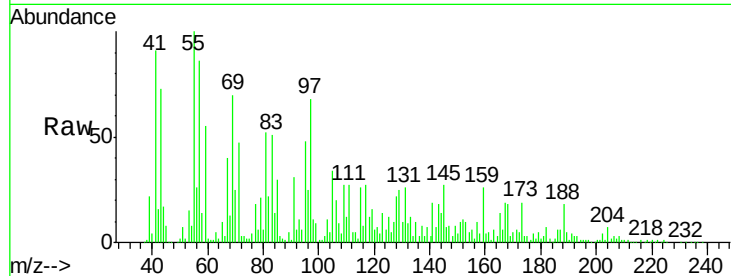




#54
Dibenzenofuran
Concen: 34.94 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.07 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

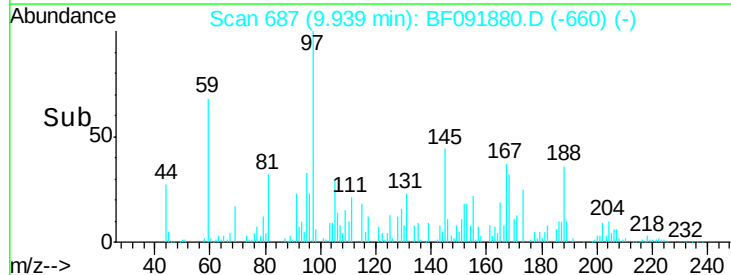
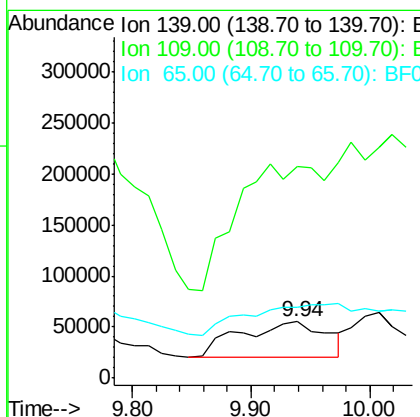
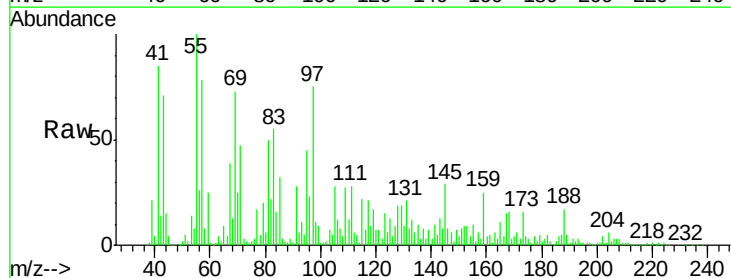
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

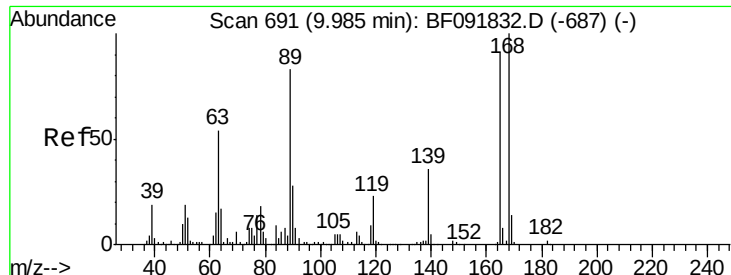
Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.2	32.6	49.0
169	18.0	11.3	16.9#



#55
4-Nitrophenol
Concen: 191.86 ng
RT: 9.94 min Scan# 687
Delta R.T. 0.01 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion	Ratio	Lower	Upper
139	100		
109	374.1	52.2	92.2#
65	124.5	85.8	125.8





#56

2,4-Dinitrotoluene

Concen: 87.71 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.06 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

Tgt Ion:165 Resp: 121200

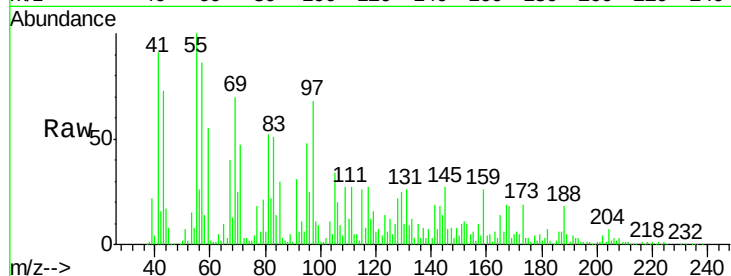
Ion Ratio Lower Upper

165 100

63 36.9 40.2 60.4#

89 32.2 62.5 93.7#

182 48.9 1.8 2.8#

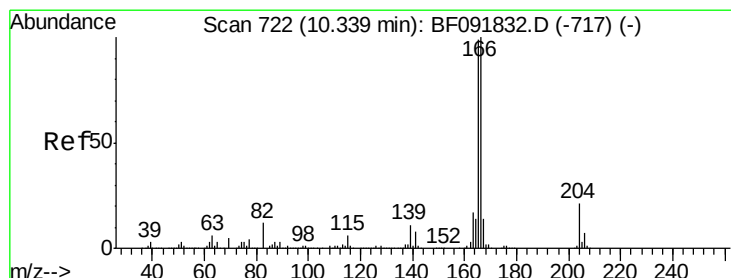
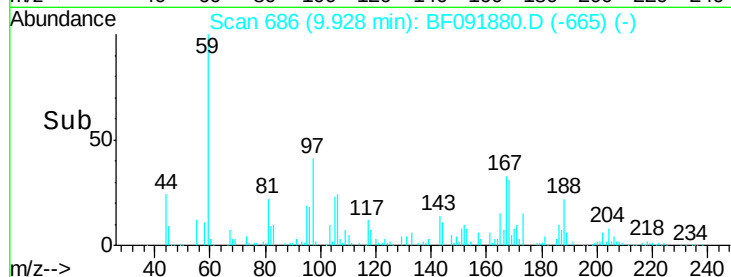
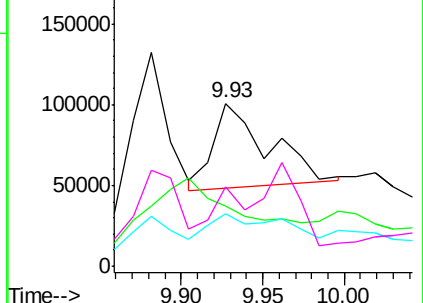


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 9.84 ng

RT: 10.29 min Scan# 718

Delta R.T. -0.05 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

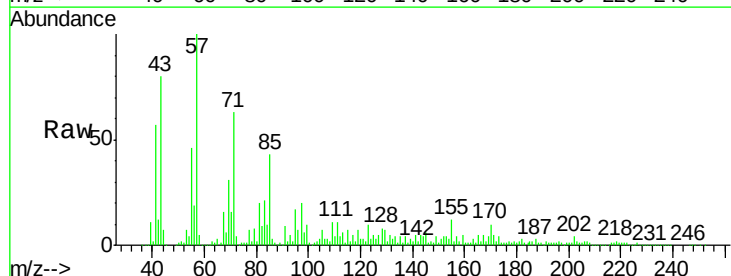
Tgt Ion:166 Resp: 42976

Ion Ratio Lower Upper

166 100

165 245.1 77.8 116.8#

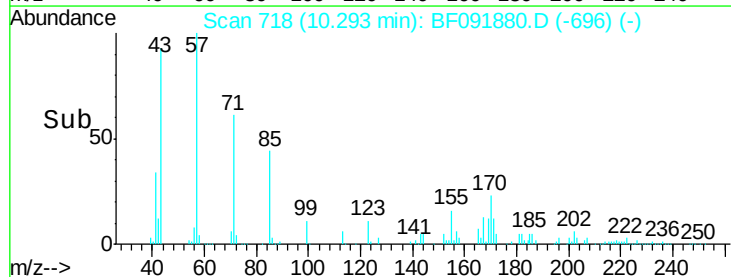
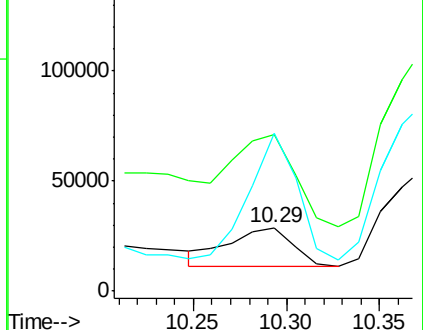
167 247.4 10.8 16.2#

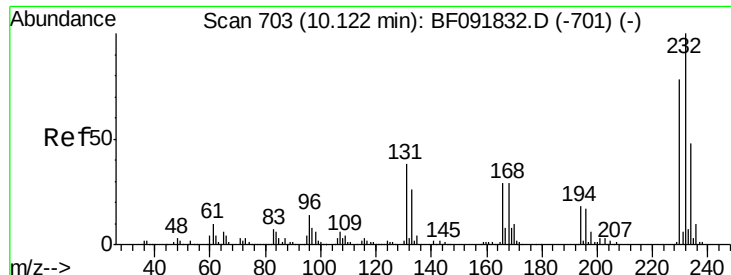


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

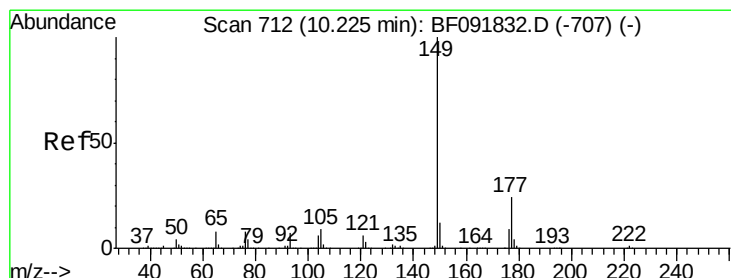
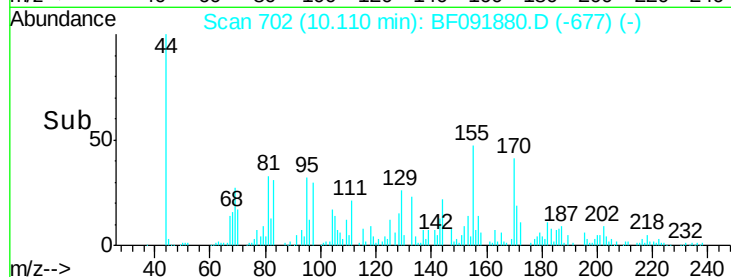
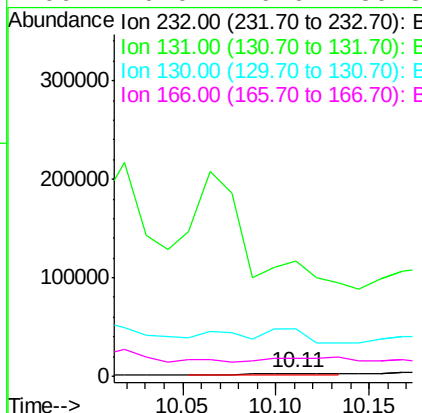
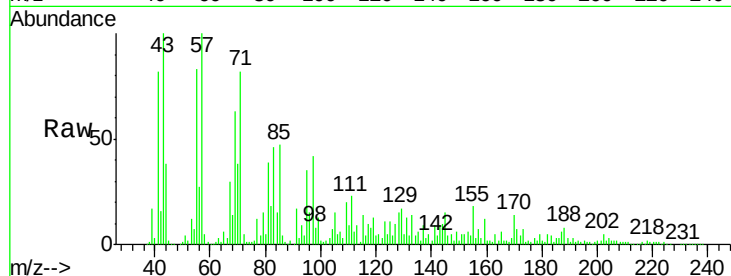




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.65 ng
 RT: 10.11 min Scan# 702
 Delta R.T. -0.01 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

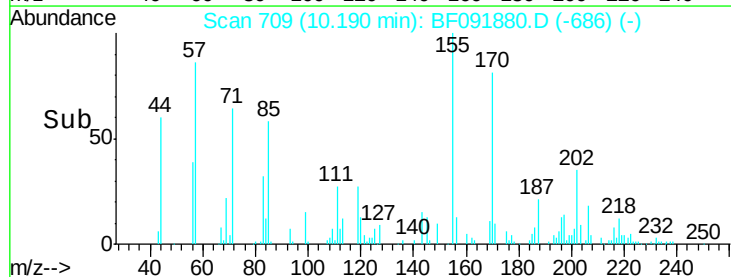
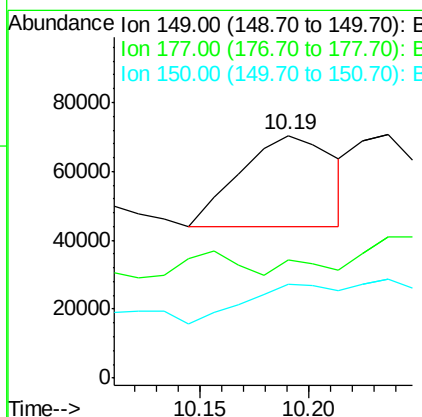
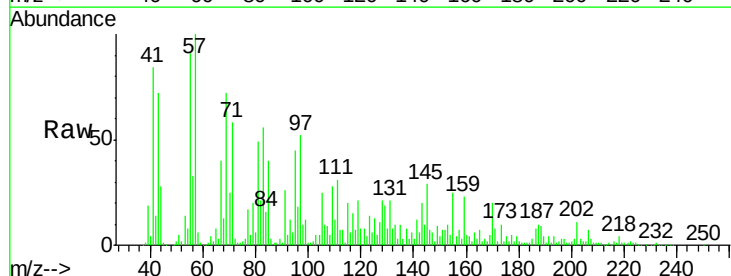
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

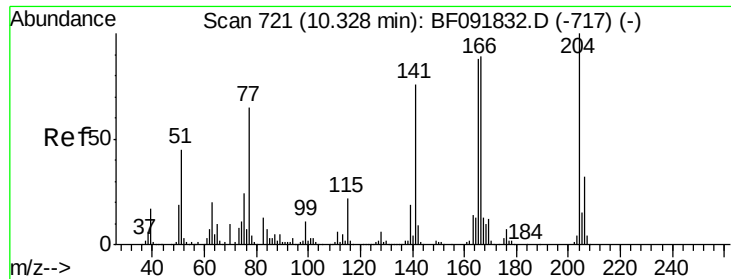
Tgt Ion: 232 Resp: 5258
 Ion Ratio Lower Upper
 232 100
 131 0.0 40.1 60.1#
 130 0.0 1.8 2.8#
 166 0.0 26.6 39.8#



#59
 Diethylphthalate
 Concen: 16.21 ng
 RT: 10.19 min Scan# 709
 Delta R.T. -0.03 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion: 149 Resp: 79170
 Ion Ratio Lower Upper
 149 100
 177 48.5 16.6 25.0#
 150 38.7 10.4 15.6#

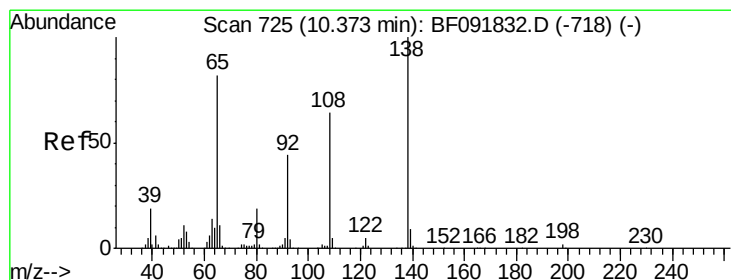
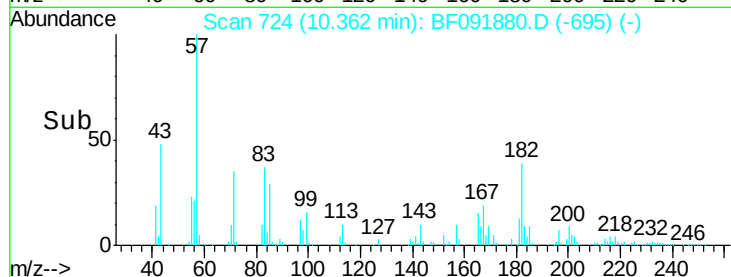
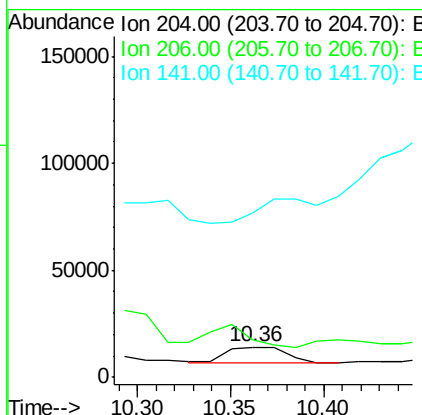
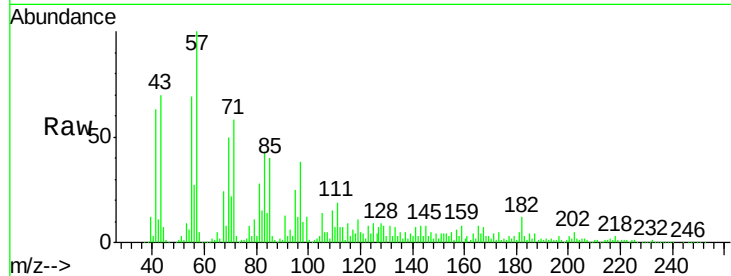




#60
4-Chlorophenyl-phenylether
Concen: 9.22 ng
RT: 10.36 min Scan# 724
Delta R.T. 0.03 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

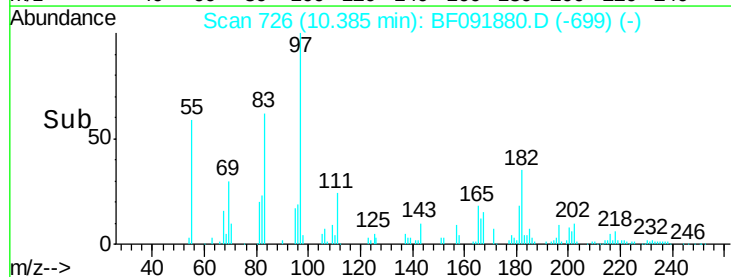
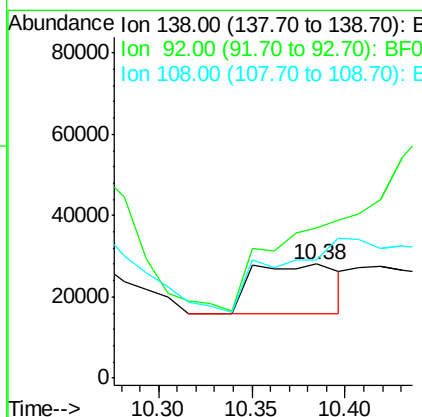
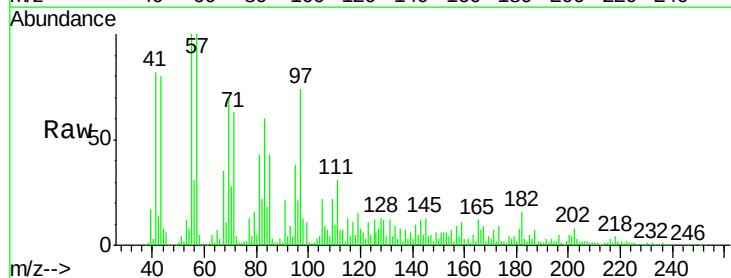
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

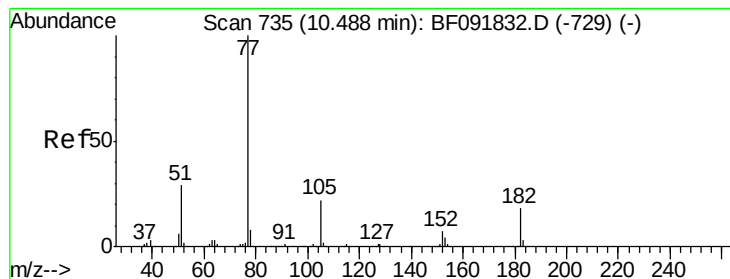
Tgt Ion: 204 Resp: 17642
Ion Ratio Lower Upper
204 100
206 126.3 25.8 38.6#
141 544.6 59.4 89.0#



#61
4-Nitroaniline
Concen: 27.92 ng
RT: 10.38 min Scan# 726
Delta R.T. 0.01 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion: 138 Resp: 39417
Ion Ratio Lower Upper
138 100
92 131.8 31.7 71.7#
108 103.9 52.6 92.6#





#62

Azobenzene

Concen: 98.05 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.02 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

Tgt Ion: 77 Resp: 527353

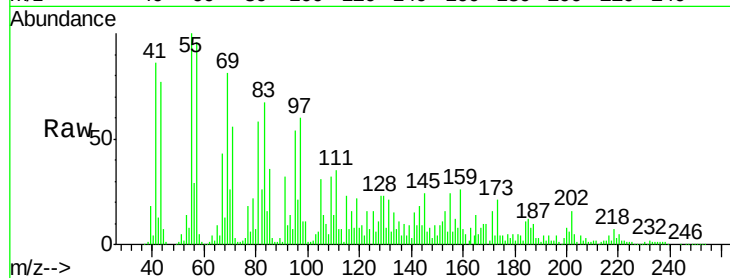
Ion Ratio Lower Upper

77 100

182 23.5 0.0 39.3

105 168.6 2.3 42.3#

51 27.0 8.9 48.9

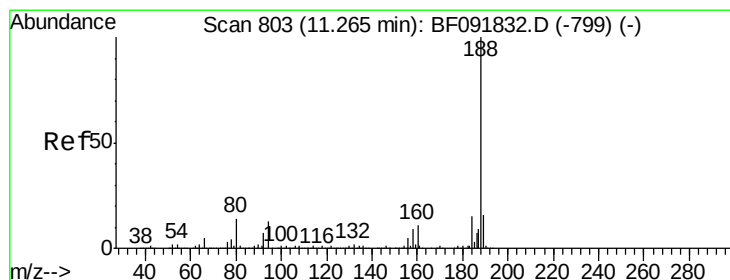
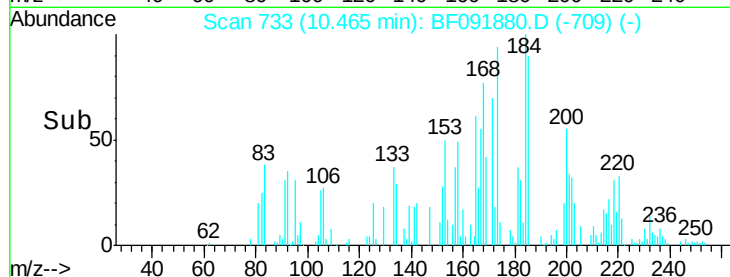
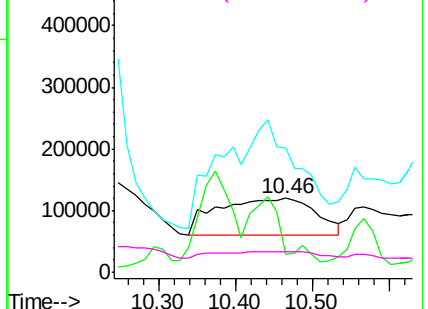


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.34 min Scan# 810

Delta R.T. 0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

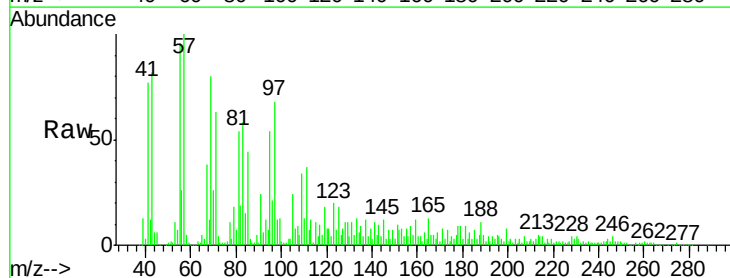
Tgt Ion: 188 Resp: 197921

Ion Ratio Lower Upper

188 100

94 65.3 10.0 15.0#

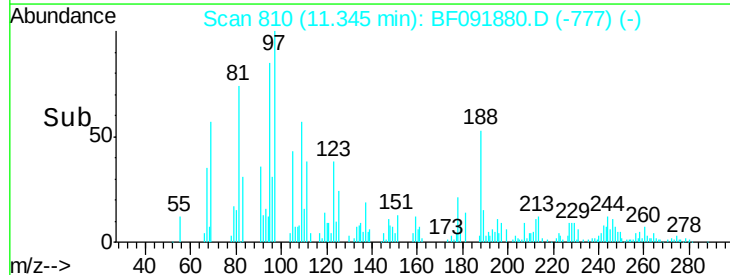
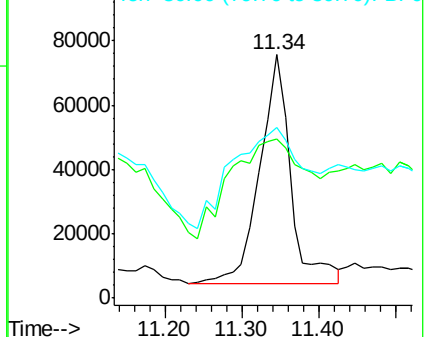
80 70.0 11.2 16.8#

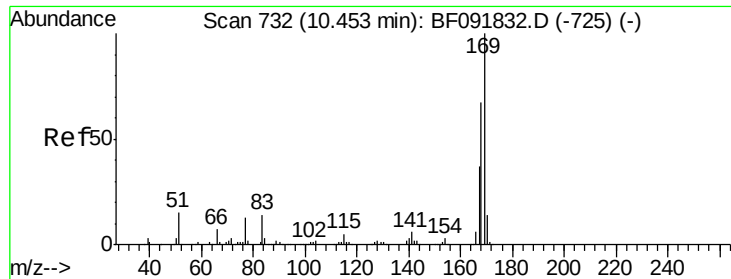


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

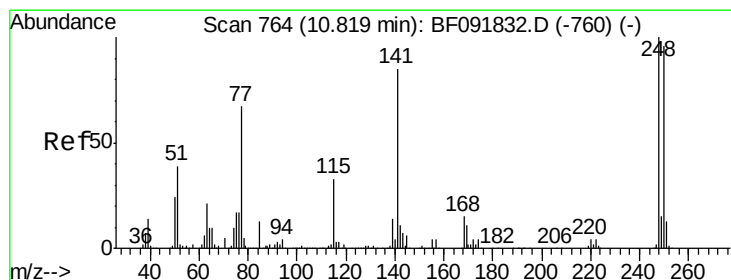
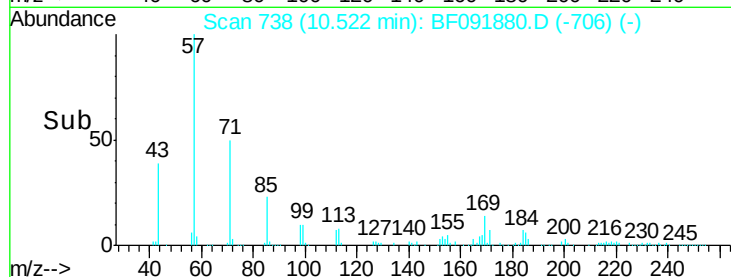
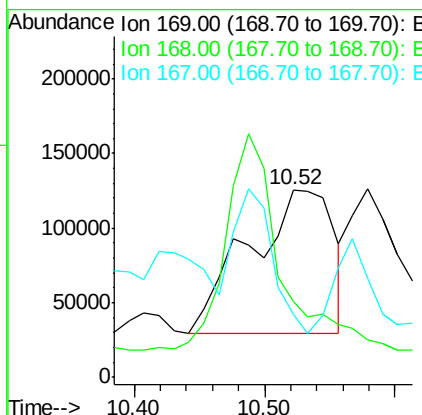
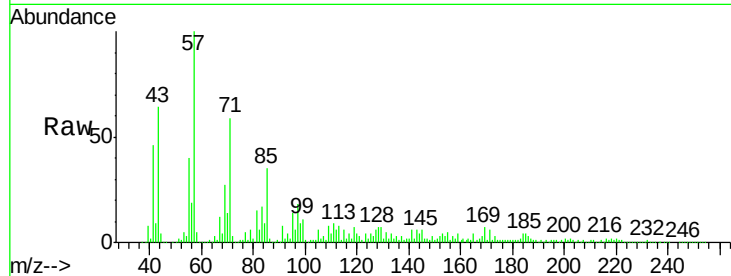




#65
n-Nitrosodiphenylamine
Concen: 74.46 ng
RT: 10.52 min Scan# 738
Delta R.T. 0.07 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

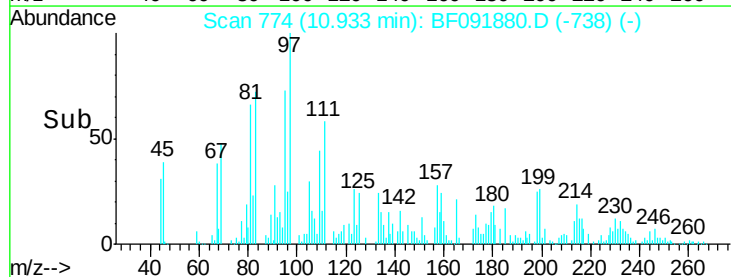
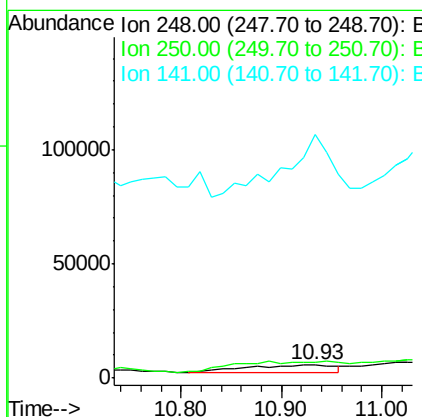
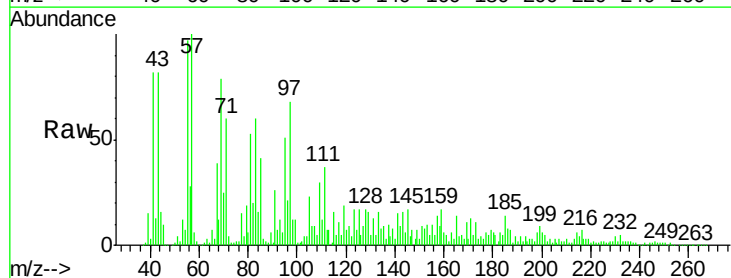
Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

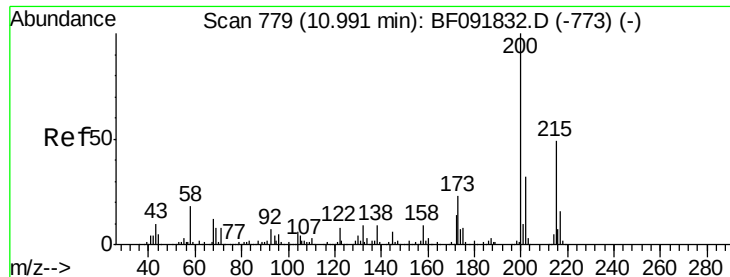
Tgt Ion:169 Resp: 437288
Ion Ratio Lower Upper
169 100
168 40.4 54.2 81.2#
167 33.3 30.2 45.4



#66
4-Bromophenyl-phenylether
Concen: 10.37 ng
RT: 10.93 min Scan# 774
Delta R.T. 0.11 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Tgt Ion:248 Resp: 21360
Ion Ratio Lower Upper
248 100
250 120.1 76.9 115.3#
141 1815.2 68.2 102.4#





#68

Atrazine

Concen: 87.70 ng

RT: 11.06 min Scan# 785

Delta R.T. 0.07 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

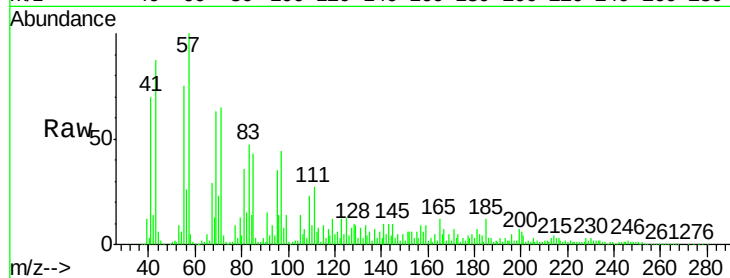
Tgt Ion:200 Resp: 166137

Ion Ratio Lower Upper

200 100

173 74.5 9.6 49.6#

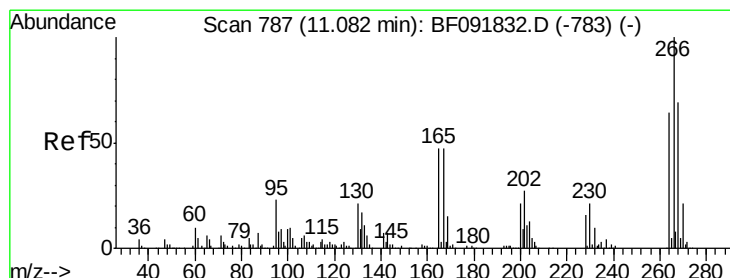
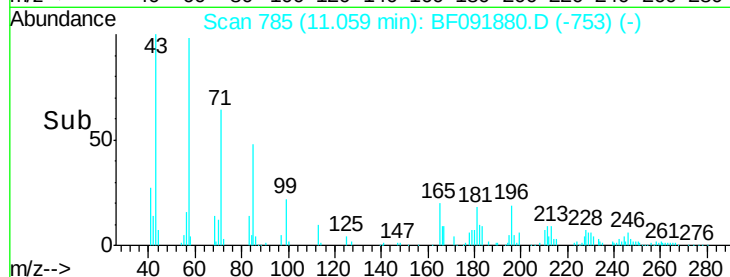
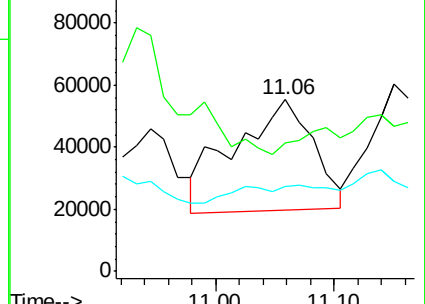
215 49.3 25.7 65.7



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: 7.14 ng

RT: 11.18 min Scan# 796

Delta R.T. 0.10 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

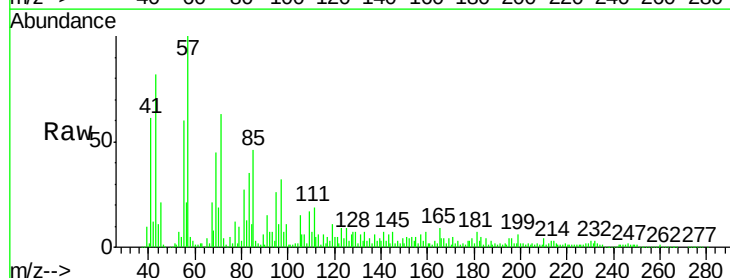
Tgt Ion:266 Resp: 7711

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

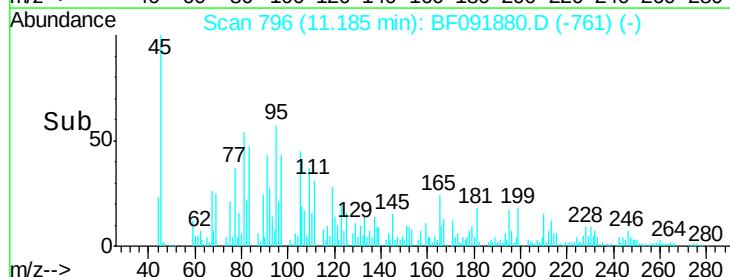
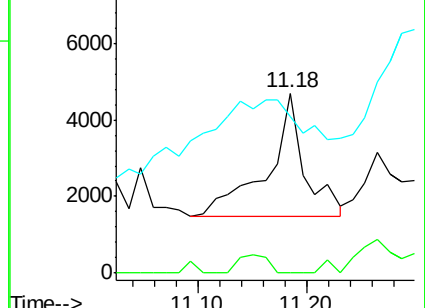
264 86.9 50.3 75.5#

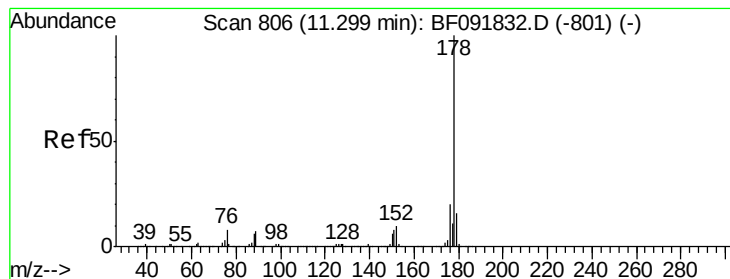


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#70

Phenanthrene

Concen: 26.55 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.08 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

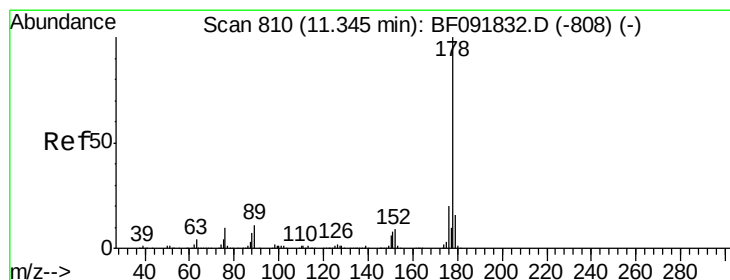
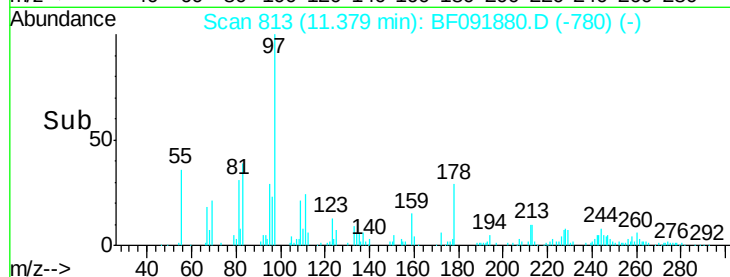
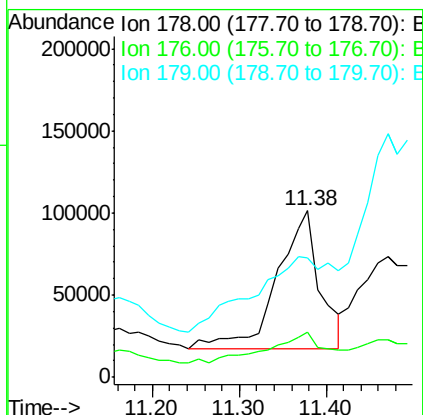
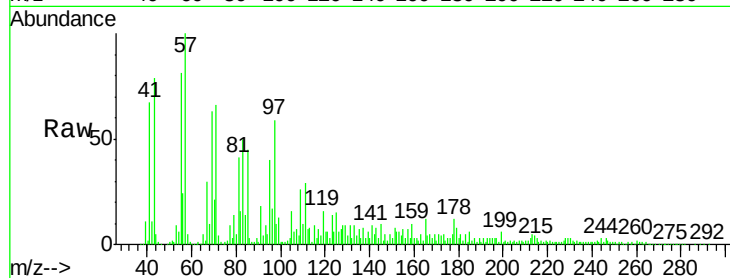
Tgt Ion:178 Resp: 284914

Ion Ratio Lower Upper

178 100

176 27.0 16.6 25.0#

179 72.0 12.8 19.2#



#71

Anthracene

Concen: 26.04 ng

RT: 11.38 min Scan# 813

Delta R.T. 0.04 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

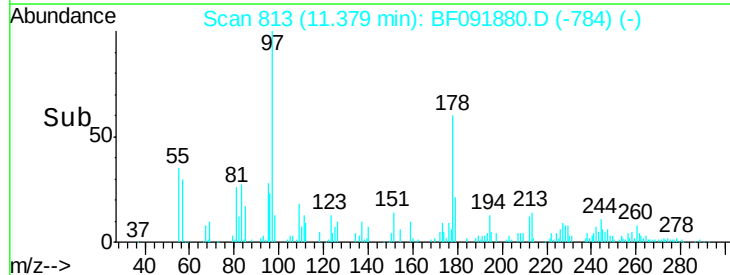
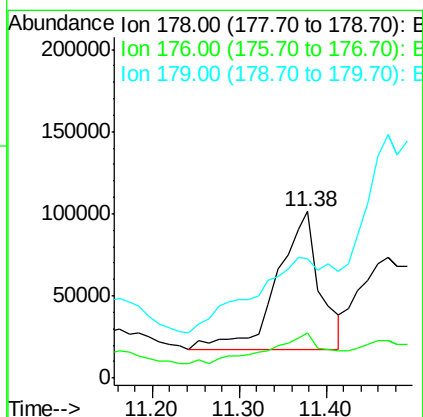
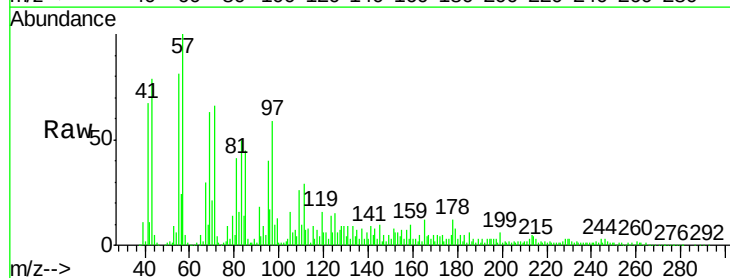
Tgt Ion:178 Resp: 284914

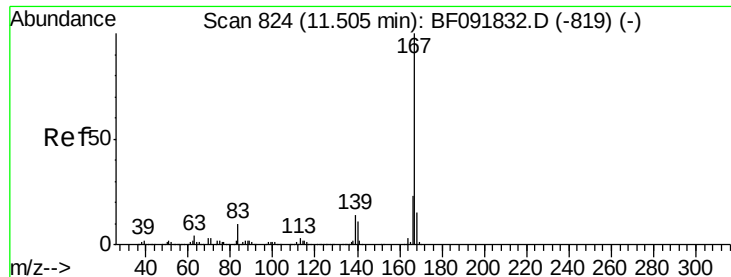
Ion Ratio Lower Upper

178 100

176 27.0 15.9 23.9#

179 72.0 13.2 19.8#





#72

Carbazole

Concen: 6.67 ng

RT: 11.70 min Scan# 841

Delta R.T. 0.19 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

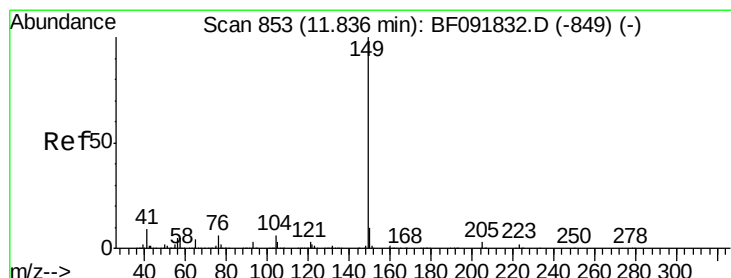
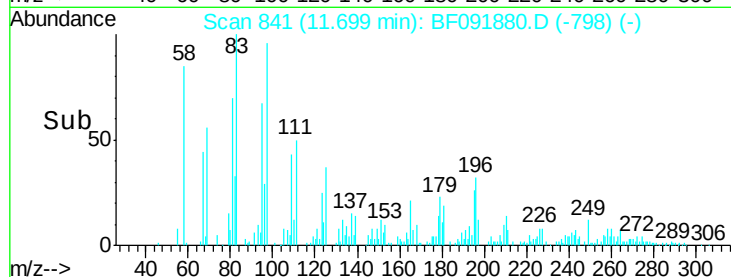
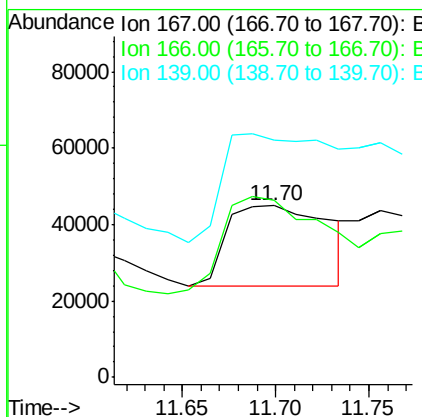
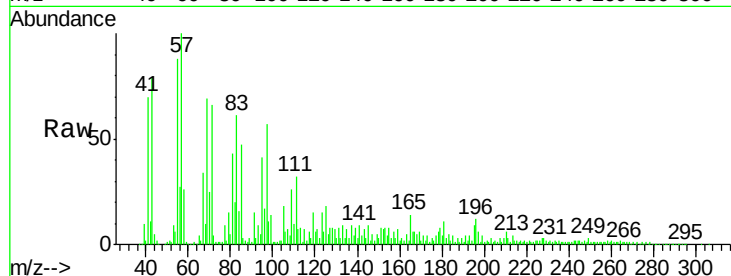
Tgt Ion:167 Resp: 80393

Ion Ratio Lower Upper

167 100

166 102.9 18.2 27.2#

139 138.3 11.4 17.2#



#73

Di-n-butylphthalate

Concen: 6.78 ng

RT: 12.00 min Scan# 867

Delta R.T. 0.16 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

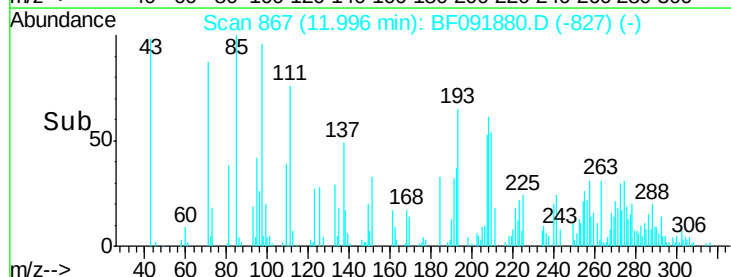
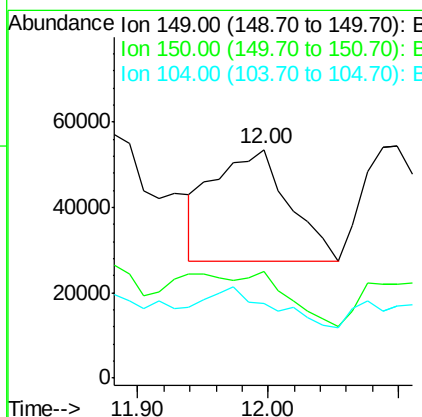
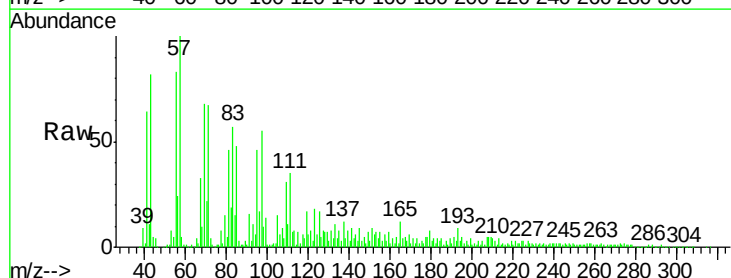
Tgt Ion:149 Resp: 104413

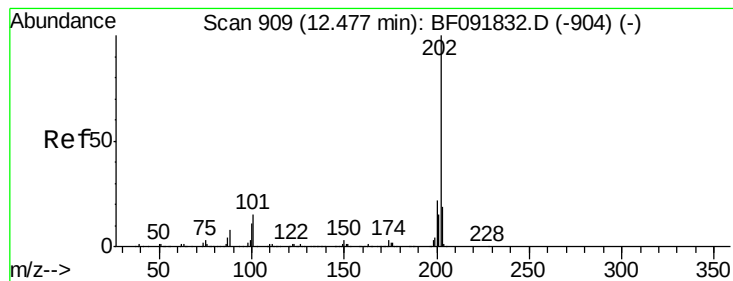
Ion Ratio Lower Upper

149 100

150 46.5 8.1 12.1#

104 32.5 4.6 7.0#





#74

Fluoranthene

Concen: 23.63 ng

RT: 12.77 min Scan# 935

Delta R.T. 0.30 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

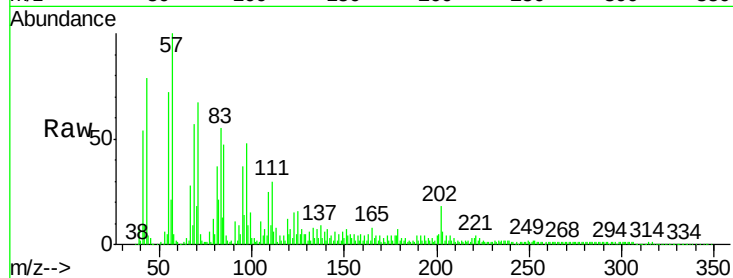
Tgt Ion:202 Resp: 239621

Ion Ratio Lower Upper

202 100

101 17.4 0.0 34.6

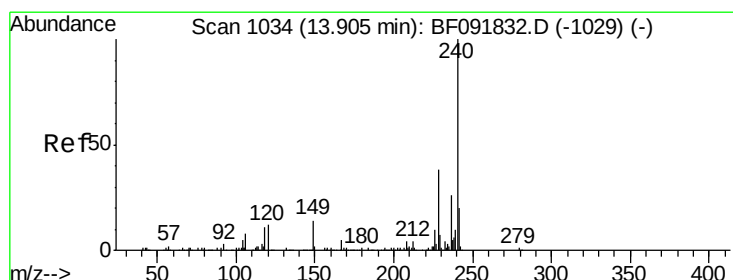
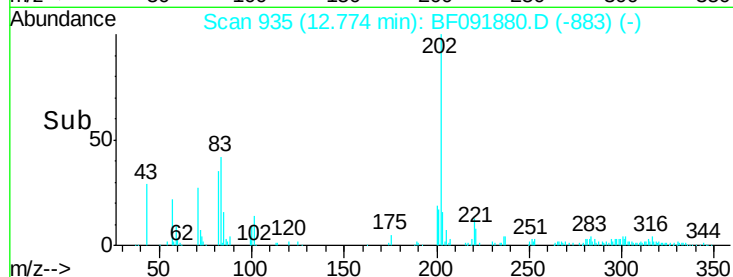
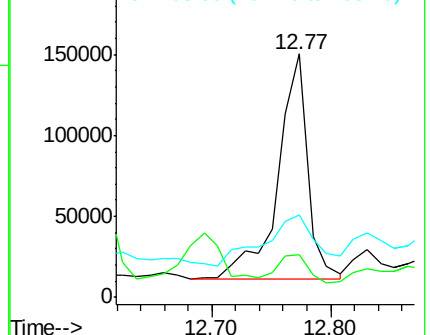
203 33.6 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. 0.03 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

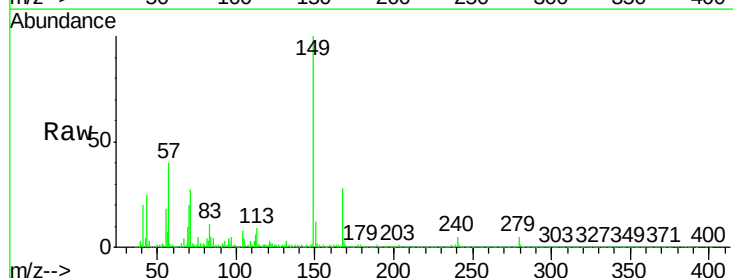
Tgt Ion:240 Resp: 168107

Ion Ratio Lower Upper

240 100

120 21.4 12.9 19.3#

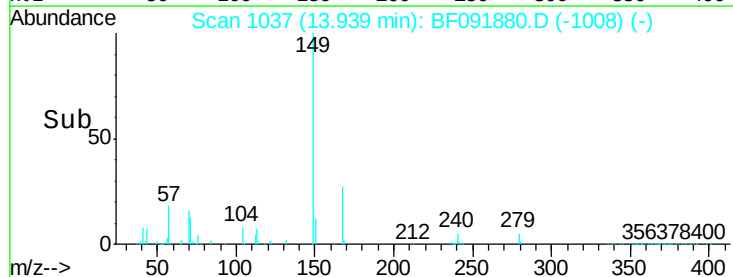
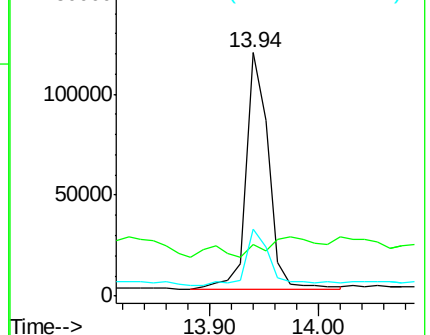
236 27.5 20.9 31.3

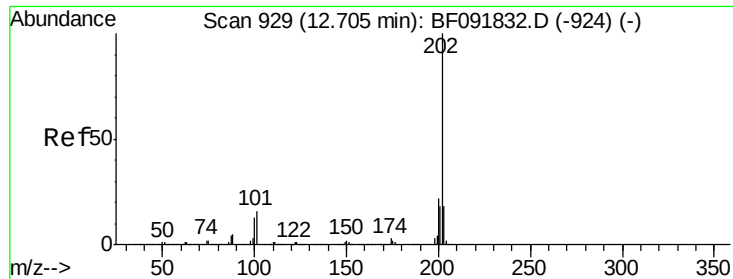


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

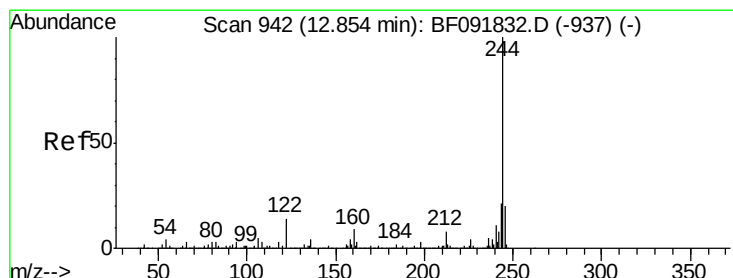
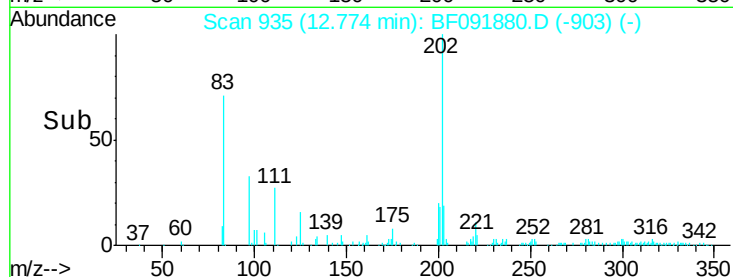
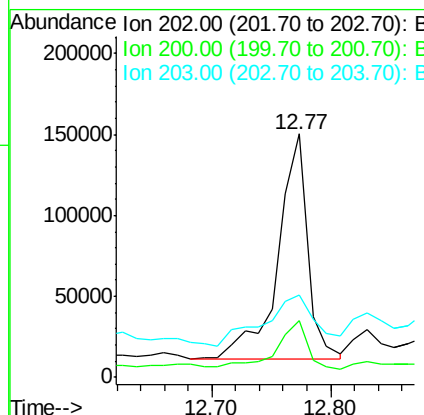
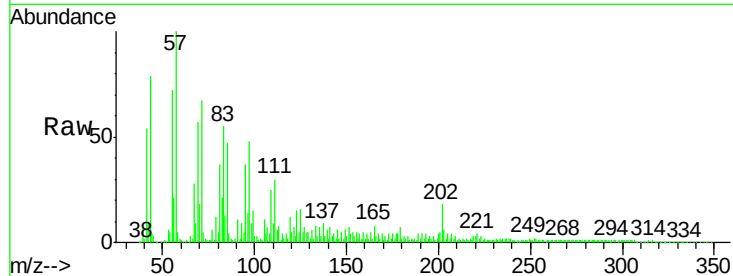




#77
 Pyrene
 Concen: 19.43 ng
 RT: 12.77 min Scan# 935
 Delta R.T. 0.07 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

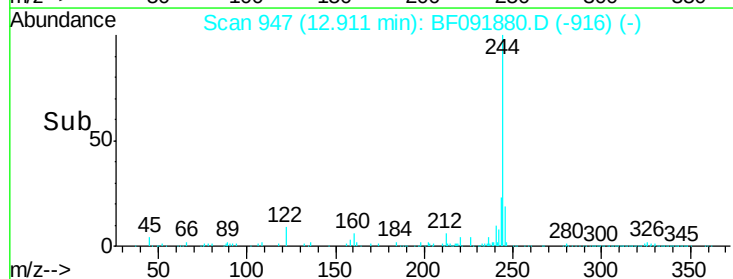
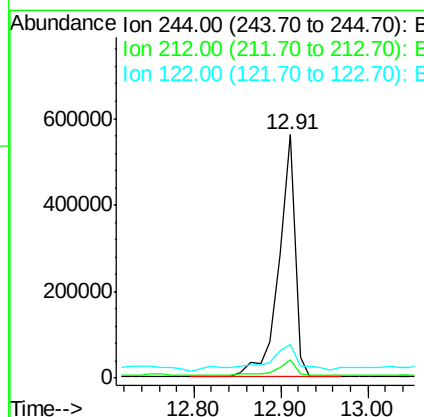
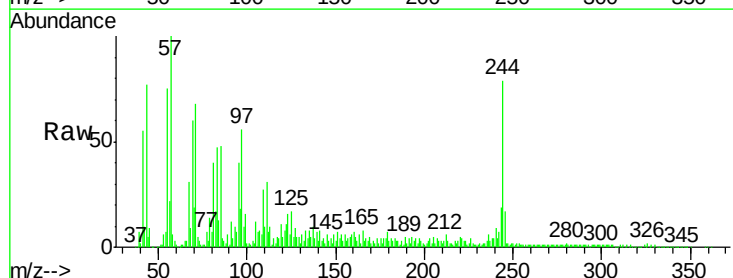
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

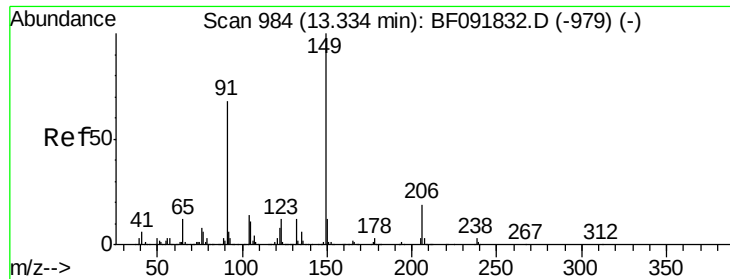
Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.5	17.7	26.5
203	33.6	14.7	22.1



#78
 Terphenyl-d14
 Concen: 104.26 ng
 RT: 12.91 min Scan# 947
 Delta R.T. 0.06 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	13.7	11.4	17.2





#79

Butylbenzylphthalate

Concen: 27.93 ng

RT: 13.37 min Scan# 987

Delta R.T. 0.03 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

Instrument :

BNA_F

ClientSampleId :

WASTE-WATER-COMP

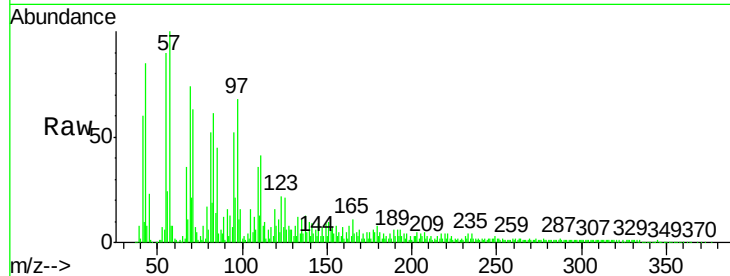
Tgt Ion:149 Resp: 156672

Ion Ratio Lower Upper

149 100

91 177.6 63.9 95.9#

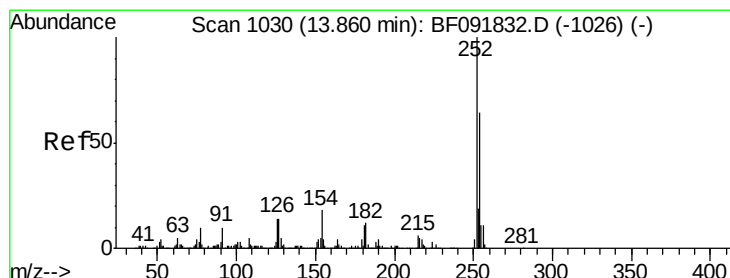
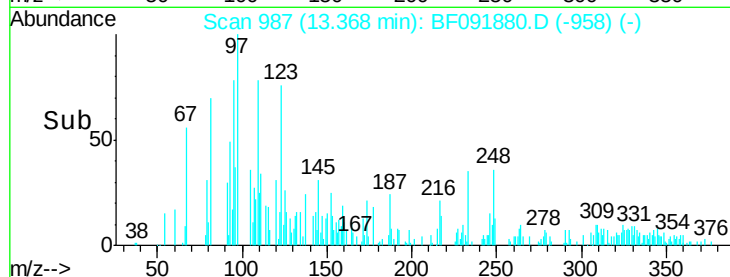
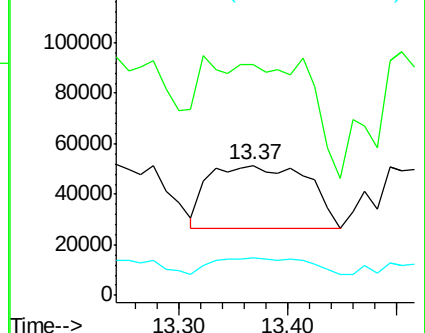
206 28.7 14.6 21.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#81

3,3'-Dichlorobenzidine

Concen: 4.65 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.01 min

Lab File: BF091880.D

Acq: 22 Dec 2016 12:34

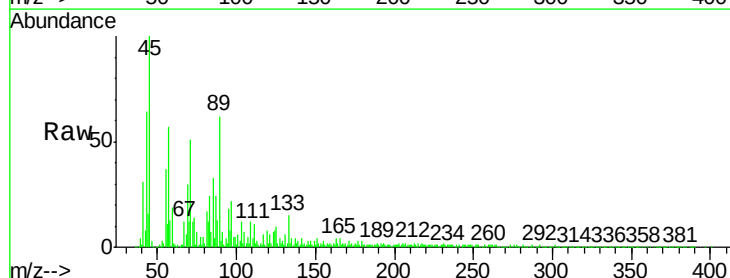
Tgt Ion:252 Resp: 16721

Ion Ratio Lower Upper

252 100

254 33.2 52.3 78.5#

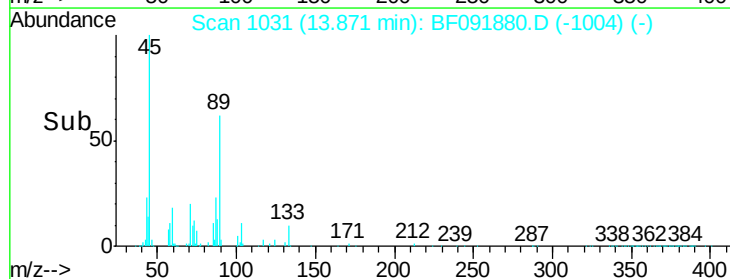
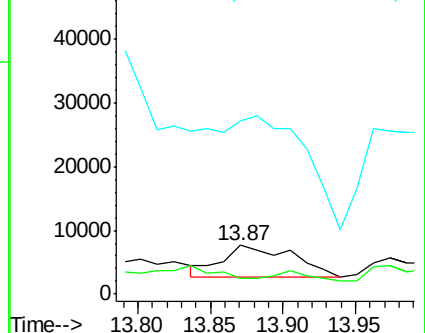
126 354.8 13.6 20.4#

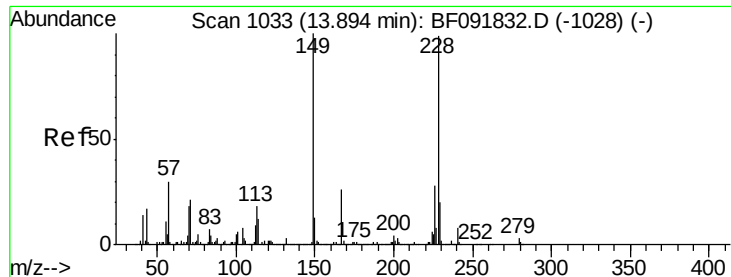


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

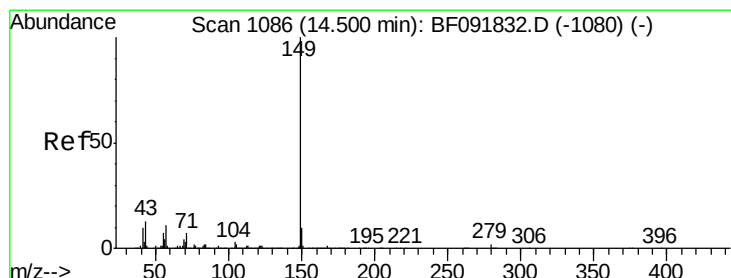
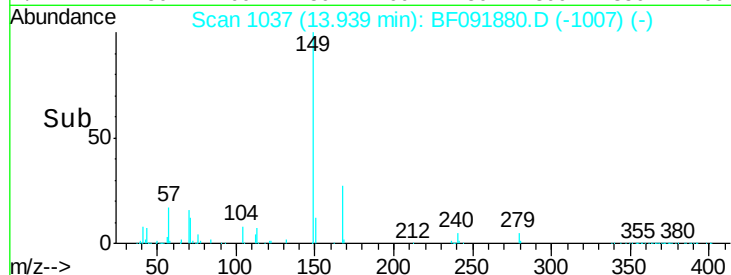
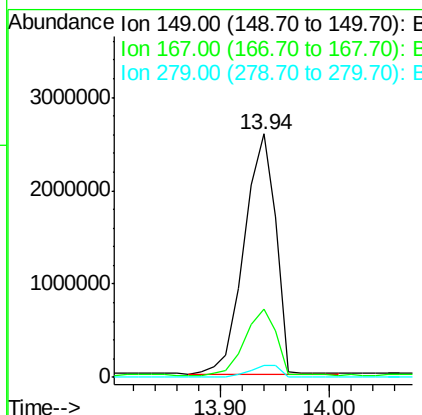
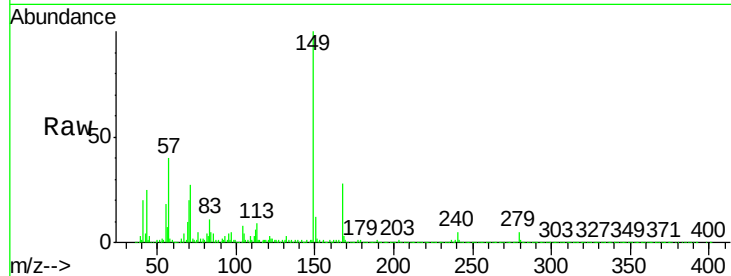




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 785.92 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. 0.05 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

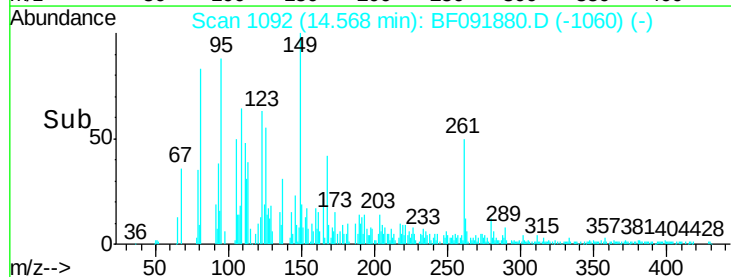
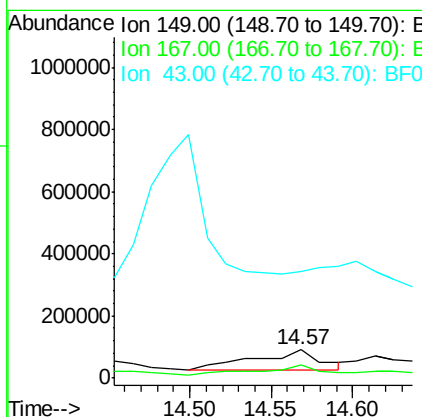
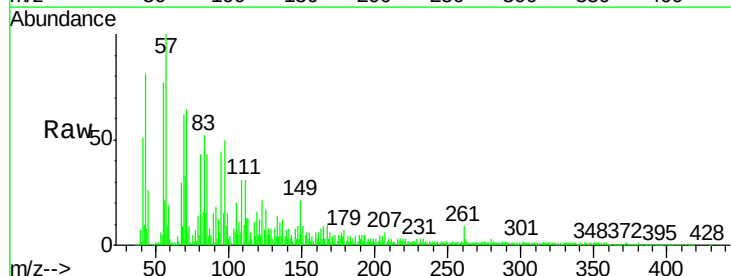
Instrument :
 BNA_F
 ClientSampleId :
 WASTE-WATER-COMP

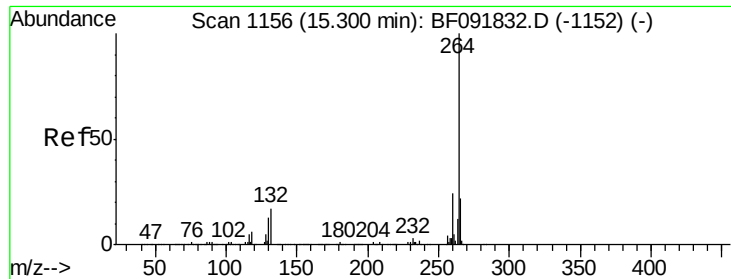
Tgt Ion:149 Resp: 5192038
 Ion Ratio Lower Upper
 149 100
 167 28.0 20.2 30.4
 279 4.7 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 14.25 ng
 RT: 14.57 min Scan# 1092
 Delta R.T. 0.07 min
 Lab File: BF091880.D
 Acq: 22 Dec 2016 12:34

Tgt Ion:149 Resp: 174400
 Ion Ratio Lower Upper
 149 100
 167 39.3 1.3 1.9#
 43 0.0 8.9 13.3#





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1160
Delta R.T. 0.05 min
Lab File: BF091880.D
Acq: 22 Dec 2016 12:34

Instrument :
BNA_F
ClientSampleId :
WASTE-WATER-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.2	28.8
265	22.1	17.4	26.0

