

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
 Data File : BF091837.D
 Acq On : 21 Dec 2016 17:00
 Operator : UM/SJ
 Sample : H6103-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Manual Integrations
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 12/22/2016 7:08:43 PM

Quant Time: Dec 22 02:41:52 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	6.75	152	253861	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	1071105	20.00	ng	-0.01
38) Acenaphthene-d10	9.79	164	593228	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	958492	20.00	ng	0.00
75) Chrysene-d12	13.91	240	794165	20.00	ng	0.00
86) Perylene-d12	15.30	264	732759	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.37	112	2562392	168.54	ng	0.02
7) Phenol-d6	6.40	99	2775489	149.52	ng	-0.01
23) Nitrobenzene-d5	7.31	82	2031316	105.45	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	631551	128.64	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	3224875	116.10	ng	0.00
78) Terphenyl-d14	12.85	244	2864978	87.49	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	152053	20.31	ng	# 94
3) Pyridine	3.12	79	361021	13.82	ng	95
4) n-Nitrosodimethylamine	3.02	42	161792	16.42	ng	97
6) Aniline	6.41	93	232037	9.62	ng	# 84
8) 2-Chlorophenol	6.53	128	310233	17.94	ng	98
9) Benzaldehyde	6.29	77	183979	13.96	ng	91
10) Phenol	6.41	94	244522	11.56	ng	# 68
11) bis(2-Chloroethyl)ether	6.49	93	290904	17.28	ng	99
12) 1,3-Dichlorobenzene	6.68	146	302380m	16.38	ng	
13) 1,4-Dichlorobenzene	6.76	146	321104	17.09	ng	97
14) 1,2-Dichlorobenzene	6.92	146	264447m	16.22	ng	
15) Benzyl Alcohol	6.89	79	257434	17.85	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	442431	17.65	ng	84
17) 2-Methylphenol	7.01	107	243980	17.54	ng	99
18) Hexachloroethane	7.25	117	116371	16.70	ng	# 87
19) n-Nitroso-di-n-propylamine	7.16	70	210427	17.04	ng	97
20) 3+4-Methylphenols	7.17	107	322355	19.43	ng	# 74
22) Acetophenone	7.16	105	440902	16.69	ng	# 95
24) Nitrobenzene	7.33	77	350176	17.07	ng	# 89
25) Isophorone	7.57	82	576719	16.23	ng	98
26) 2-Nitrophenol	7.65	139	165688	16.38	ng	# 81
27) 2,4-Dimethylphenol	7.70	122	287736	17.15	ng	97
28) bis(2-Chloroethoxy)methane	7.79	93	355875	16.51	ng	99
29) 2,4-Dichlorophenol	7.89	162	231880	16.32	ng	89
30) 1,2,4-Trichlorobenzene	7.97	180	252924	16.24	ng	95
31) Naphthalene	8.05	128	867843	17.70	ng	99
32) Benzoic acid	7.80	122	191986	15.43	ng	99
33) 4-Chloroaniline	8.11	127	258654	11.70	ng	94
34) Hexachlorobutadiene	8.18	225	146347	17.81	ng	99
35) Caprolactam	8.46	113	77821	16.67	ng	# 77
36) 4-Chloro-3-methylphenol	8.60	107	276032	16.88	ng	90
37) 2-Methylnaphthalene	8.75	142	578070	15.57	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	241601	16.12	ng	99
40) Hexachlorocyclopentadiene	8.90	237	76278	14.84	ng	98

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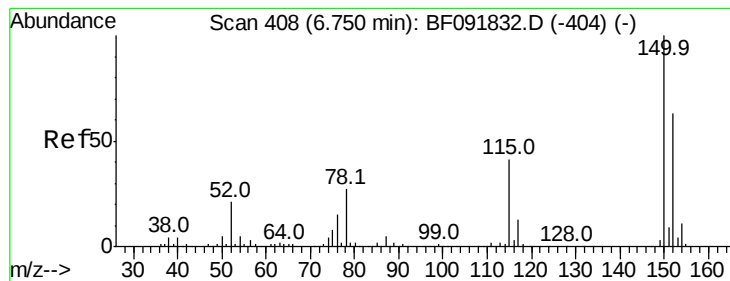
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	171718	16.38	nq	96
43) 2,4,5-Trichlorophenol	9.07	196	167806	15.56	nq	95
45) 1,1'-Biphenyl	9.21	154	692886	17.06	nq	97
46) 2-Chloronaphthalene	9.23	162	517525	16.09	nq	94
47) 2-Nitroaniline	9.33	65	188025	16.42	nq	# 84
48) Acenaphthylene	9.64	152	828038	16.74	nq	98
49) Dimethylphthalate	9.52	163	666273	17.56	nq	100
50) 2,6-Dinitrotoluene	9.57	165	140687	16.94	nq	# 86
51) Acenaphthene	9.81	154	555333	16.56	nq	99
52) 3-Nitroaniline	9.74	138	127462	12.40	nq	# 78
53) 2,4-Dinitrophenol	9.85	184	56698	12.27	nq	# 59
54) Dibenzofuran	9.98	168	715768	15.80	nq	99
55) 4-Nitrophenol	9.92	139	119915	17.18	nq	89
56) 2,4-Dinitrotoluene	9.97	165	177539	17.03	nq	91
57) Fluorene	10.33	166	569474	17.28	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.11	232	134220	15.73	nq	98
59) Diethylphthalate	10.21	149	621133	16.86	nq	98
60) 4-Chlorophenyl-phenylether	10.33	204	274741	19.04	nq	88
61) 4-Nitroaniline	10.35	138	161704	15.18	nq	99
62) Azobenzene	10.49	77	689828	17.00	nq	93
64) 4,6-Dinitro-2-methylphenol	10.38	198	89547	15.45	nq	# 68
65) n-Nitrosodiphenylamine	10.44	169	492285	17.31	nq	99
66) 4-Bromophenyl-phenylether	10.82	248	166714	16.72	nq	# 77
67) Hexachlorobenzene	10.88	284	171564	16.10	nq	# 80
68) Atrazine	10.98	200	122097	13.31	nq	94
69) Pentachlorophenol	11.08	266	71336	13.64	nq	99
70) Phenanthrene	11.29	178	874165	16.82	nq	98
71) Anthracene	11.34	178	899406	15.70	nq	96
72) Carbazole	11.49	167	793627	14.27	nq	98
73) Di-n-butylphthalate	11.84	149	967777	17.11	nq	98
74) Fluoranthene	12.48	202	927212	18.04	nq	93
76) Benzidine	12.60	184	220095	7.50	nq	99
77) Pyrene	12.70	202	960669	16.49	nq	98
79) Butylbenzylphthalate	13.33	149	406585	15.34	nq	# 75
80) Benzo(a)anthracene	13.89	228	735647	16.41	nq	98
81) 3,3'-Dichlorobenzidine	13.86	252	204774	12.05	nq	# 95
82) Chrysene	13.93	228	772912	17.19	nq	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	514316	16.48	nq	# 97
84) Di-n-octyl phthalate	14.50	149	926633	16.03	nq	99
85) Indeno(1,2,3-cd)pyrene	16.63	276	642855	16.50	nq	99
87) Benzo(b)fluoranthene	14.90	252	678700m	14.88	nq	
88) Benzo(k)fluoranthene	14.93	252	723381m	18.59	nq	
89) Benzo(a)pyrene	15.24	252	664035	16.40	nq	# 95
90) Dibenzo(a,h)anthracene	16.65	278	544478	16.36	nq	95
91) Benzo(g,h,i)perylene	17.03	276	542916	15.69	nq	# 93

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.75 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

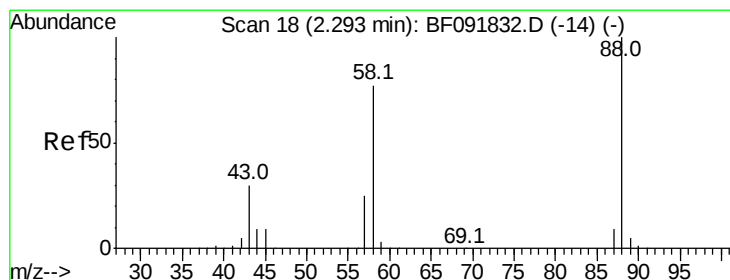
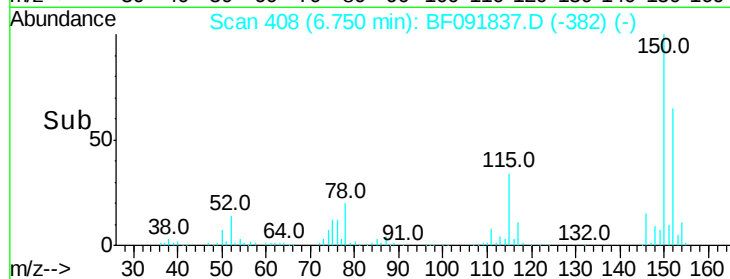
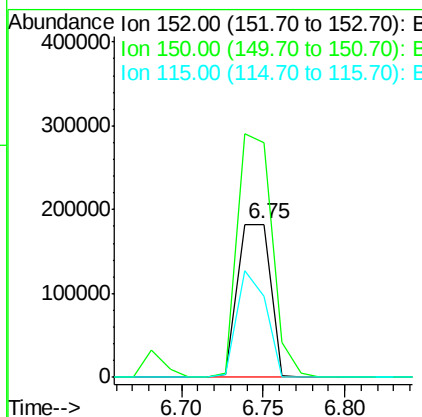
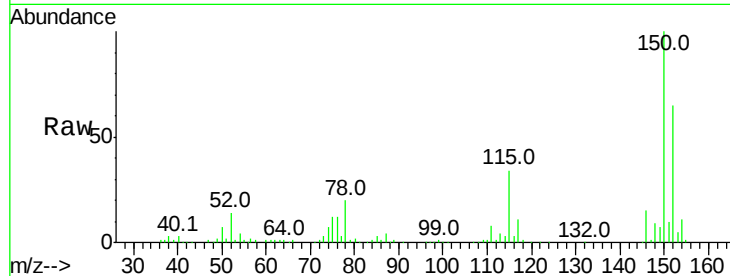
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	152	Resp:	253861
Ion Ratio	Lower	Upper	
152	100		
150	153.6	124.9	187.3
115	52.7	46.0	69.0

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#2

1,4-Dioxane

Concen: 20.31 ng

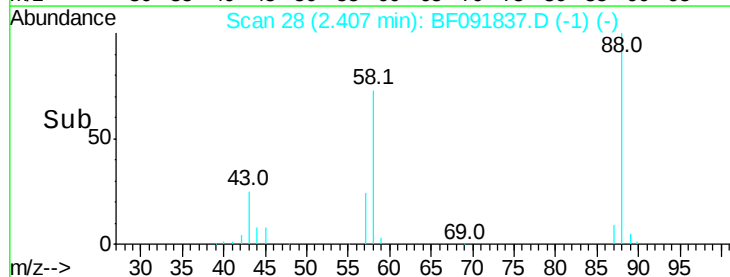
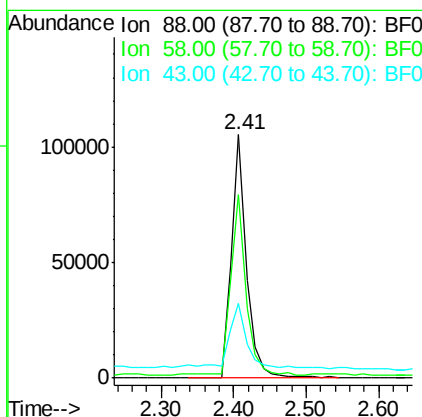
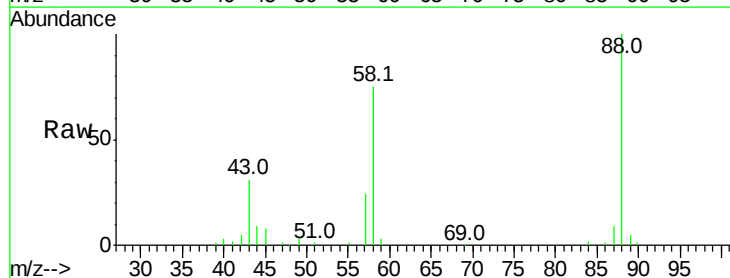
RT: 2.41 min Scan# 28

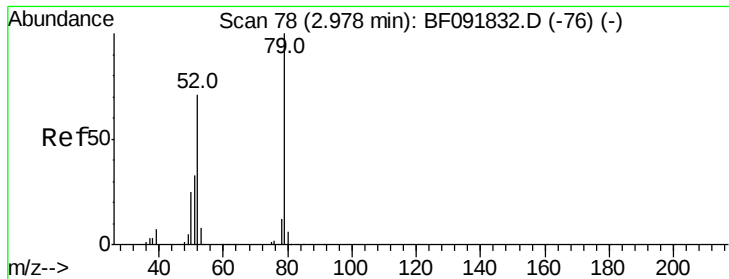
Delta R.T. 0.11 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	88	Resp:	152053
Ion Ratio	Lower	Upper	
88	100		
58	75.6	57.8	86.8
43	34.0	22.3	33.5#





#3

Pvridine

Concen: 13.82 ng

RT: 3.12 min Scan# 90

Delta R.T. 0.14 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

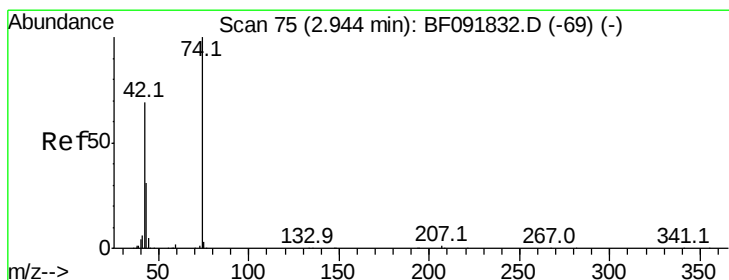
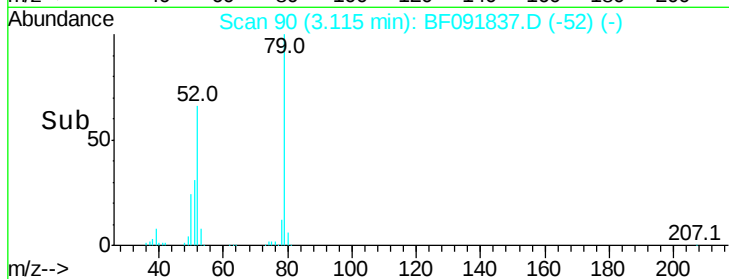
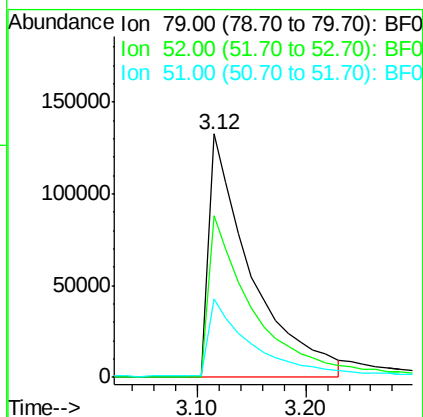
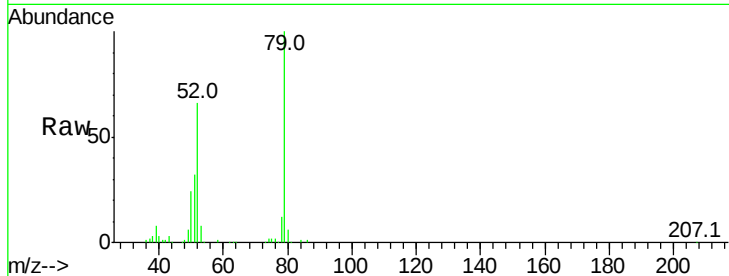
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	79	Resp:	361021
Ion Ratio	Lower	Upper	
79	100		
52	66.4	57.1	85.7
51	32.0	27.3	40.9

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#4

n-Nitrosodimethylamine

Concen: 16.42 ng

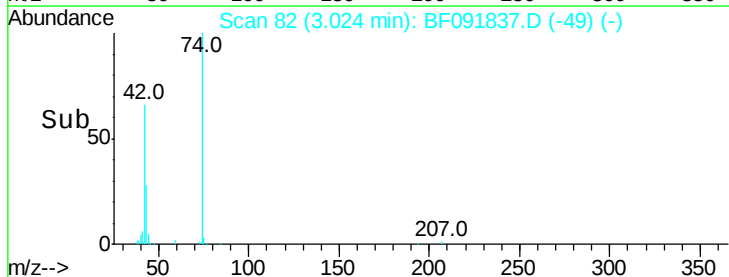
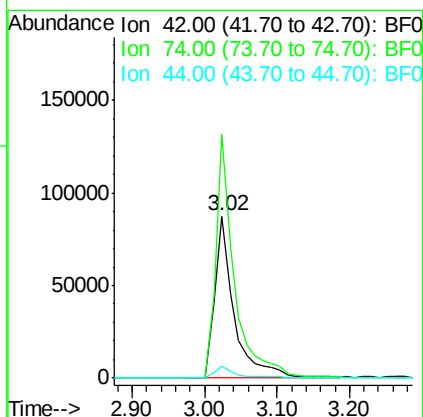
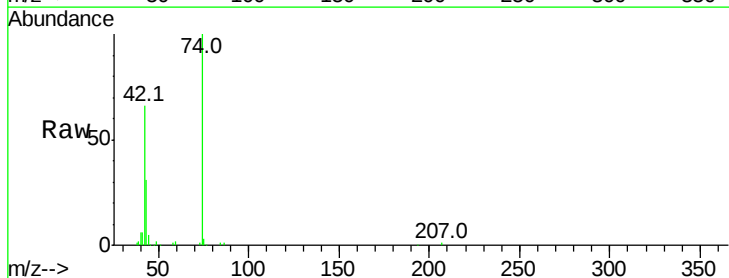
RT: 3.02 min Scan# 82

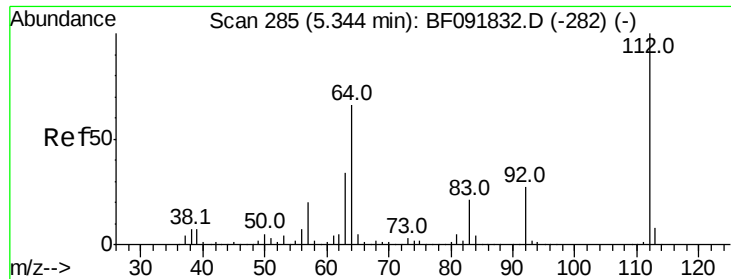
Delta R.T. 0.08 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	42	Resp:	161792
Ion Ratio	Lower	Upper	
42	100		
74	150.5	117.0	175.4
44	7.4	5.5	8.3





#5

2-Fluorophenol

Concen: 168.54 ng

RT: 5.37 min Scan# 287

Delta R.T. 0.02 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:112 Resp: 2562392

Ion Ratio Lower Upper

112 100

64 61.4 46.1 69.1

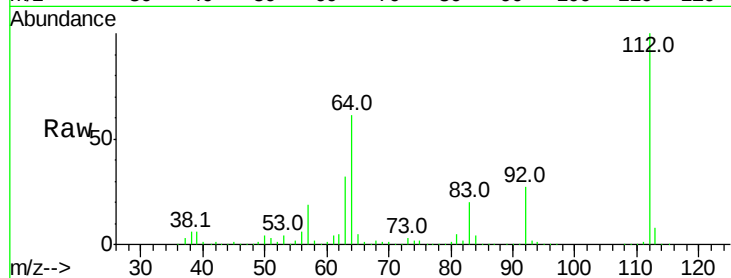
63 31.6 23.8 35.6

Manual Integrations

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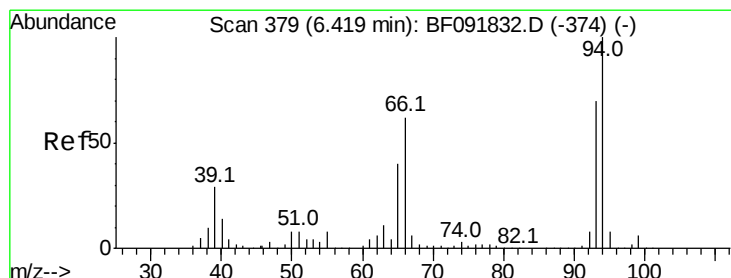
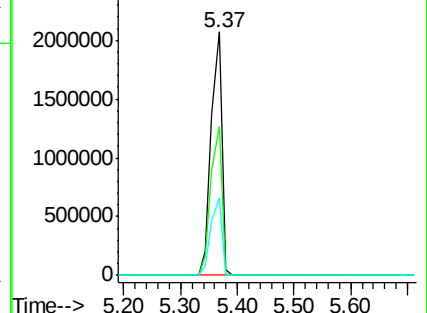
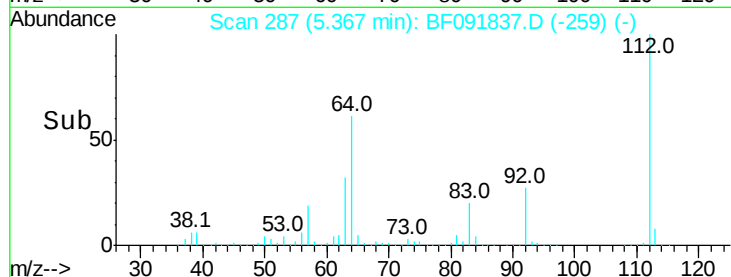
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Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 9.62 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

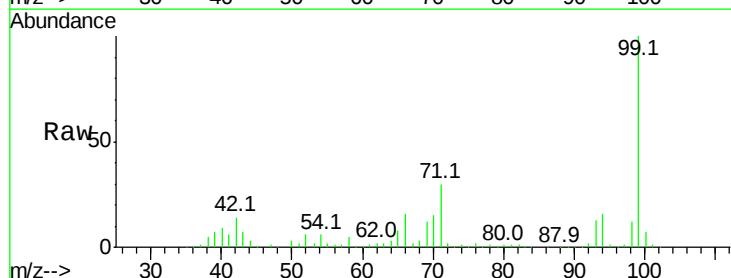
Tgt Ion: 93 Resp: 232037

Ion Ratio Lower Upper

93 100

66 119.3 76.2 114.2#

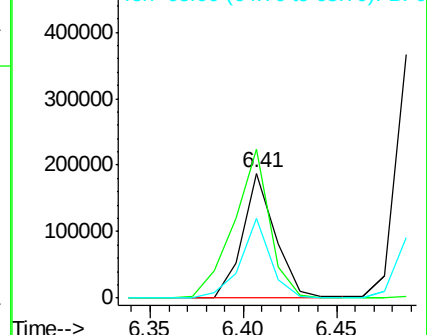
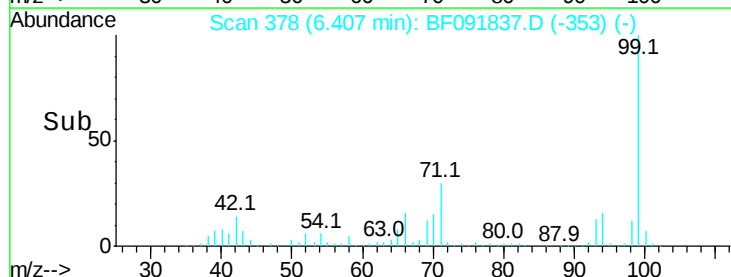
65 63.8 49.3 73.9

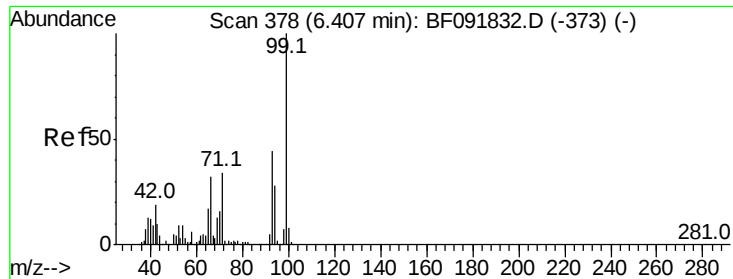


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 149.52 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion: 99 Resp: 2775489

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

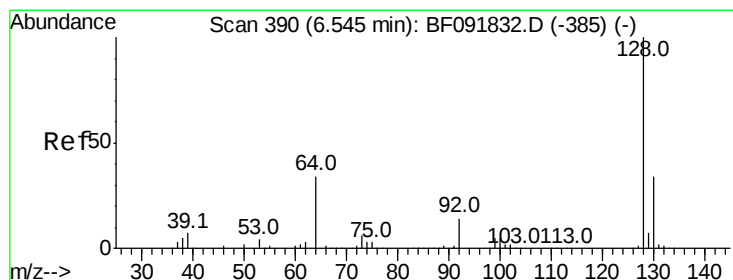
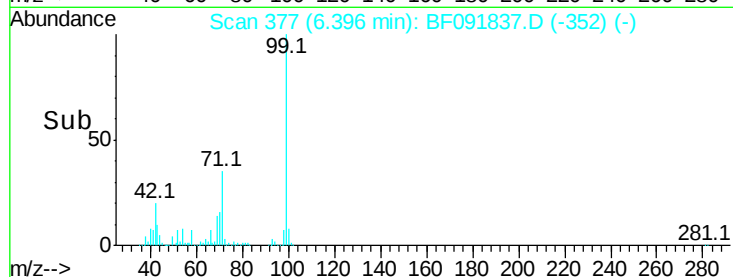
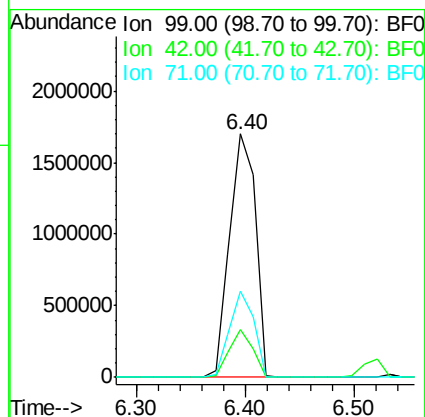
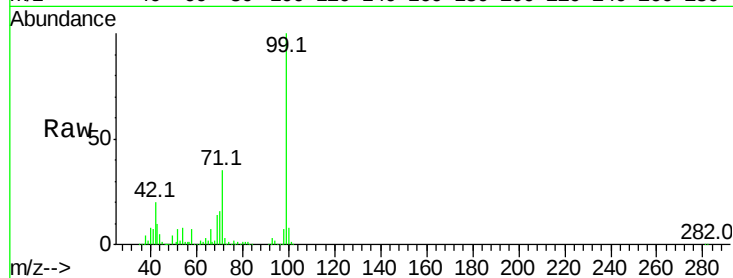
71 35.4 27.5 41.3

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#8

2-Chlorophenol

Concen: 17.94 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

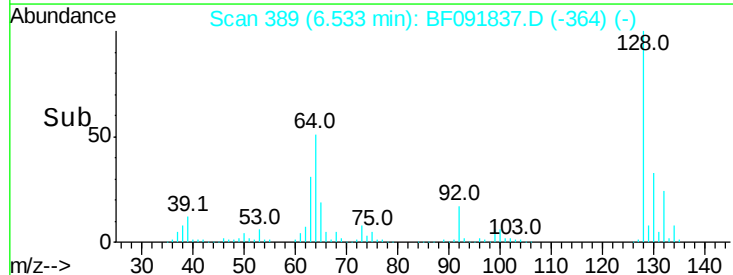
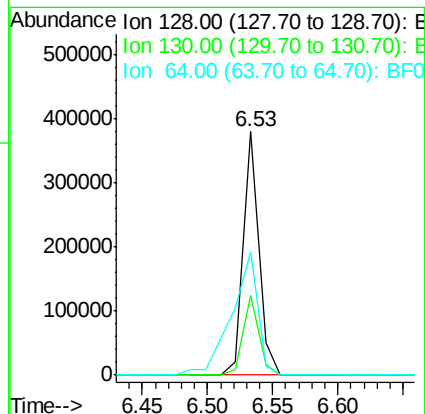
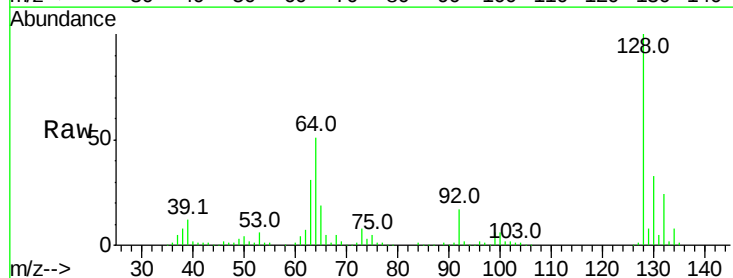
Tgt Ion: 128 Resp: 310233

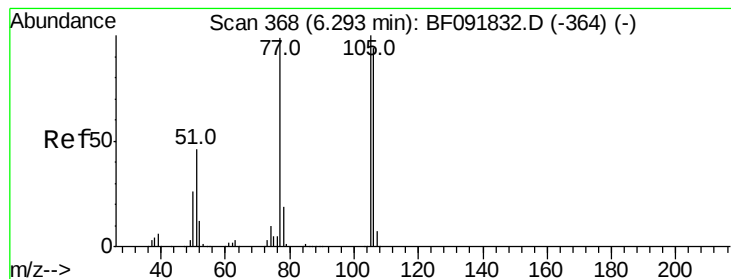
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 50.7 32.2 72.2





#9

Benzaldehyde

Concen: 13.96 ng

RT: 6.29 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

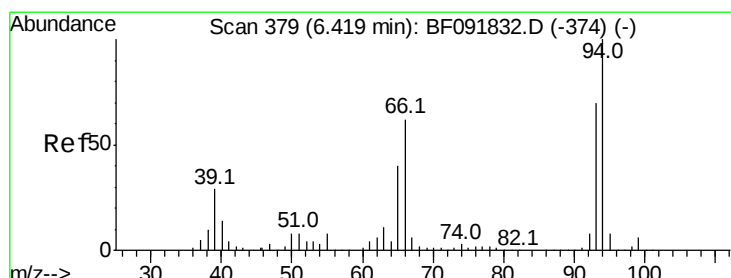
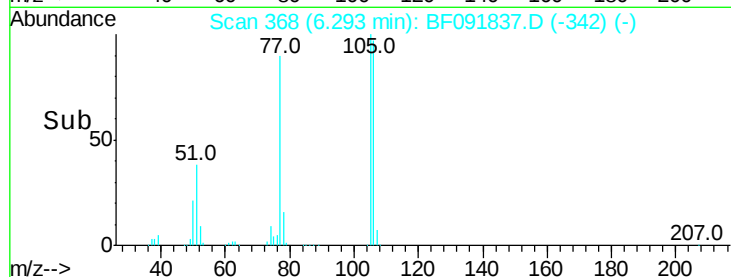
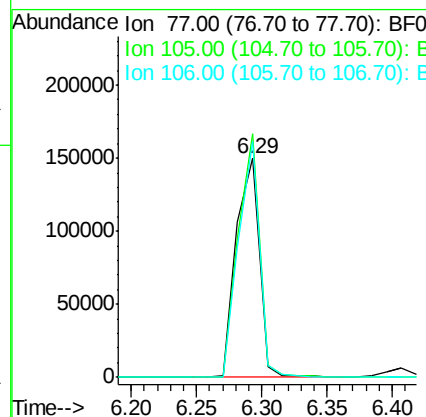
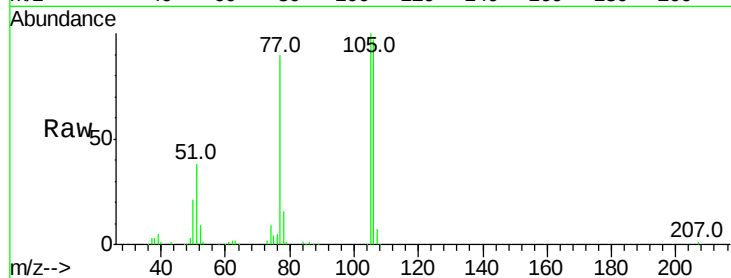
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
77	100		
105	111.3	83.9	123.9
106	107.6	77.6	117.6

Manual Integrations
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#10

Phenol

Concen: 11.56 ng

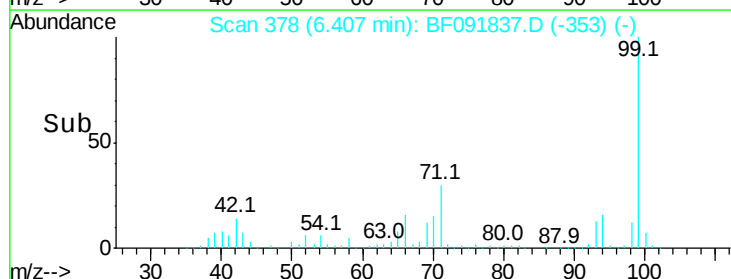
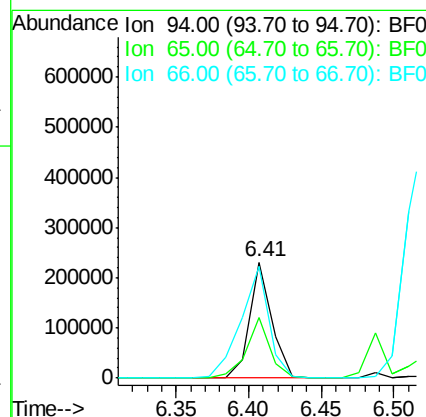
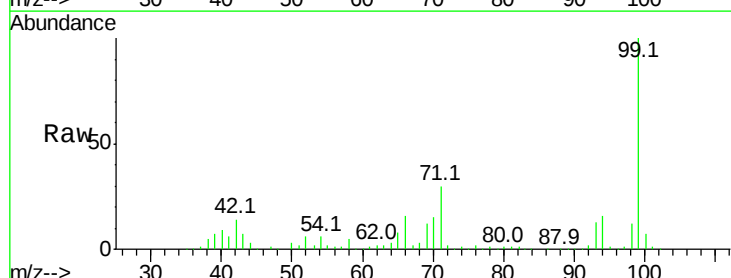
RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
94	100		
65	51.8	21.4	61.4
66	96.9	44.0	84.0#





#11

bis(2-Chloroethyl)ether

Concen: 17.28 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

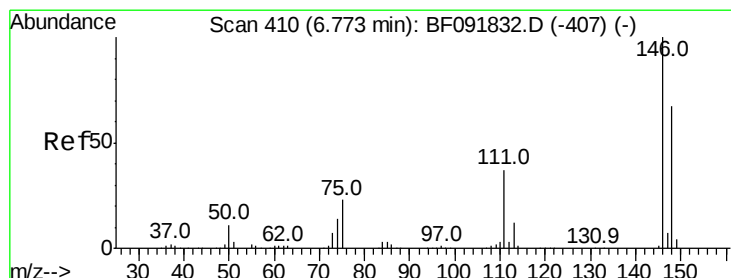
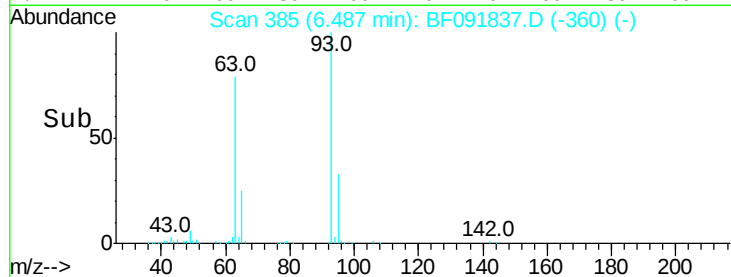
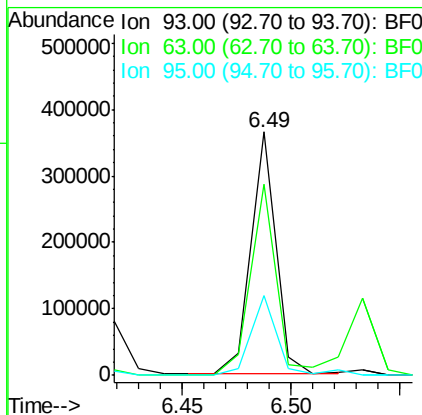
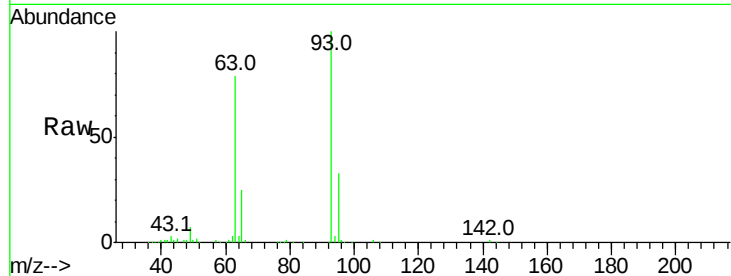
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	60.4	100.4
95	32.9	12.8	52.8

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#12

1,3-Dichlorobenzene

Concen: 16.38 ng m

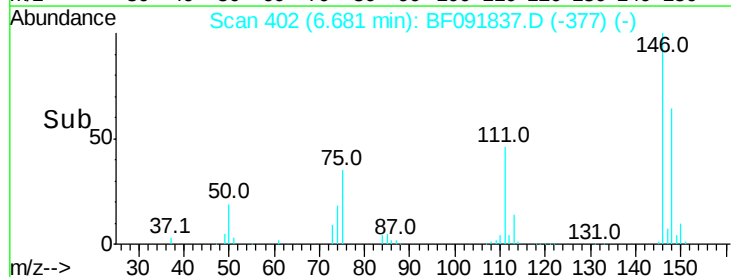
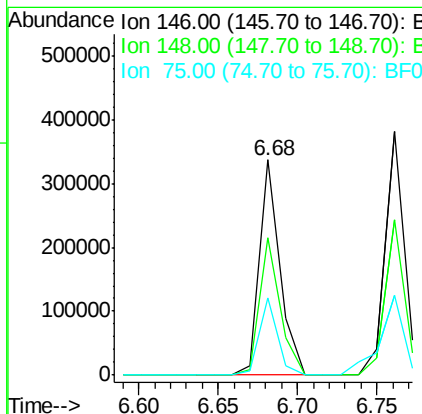
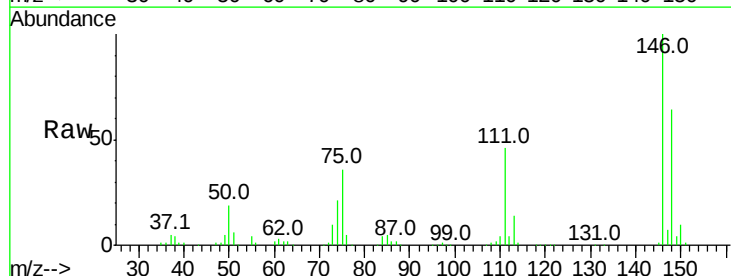
RT: 6.68 min Scan# 402

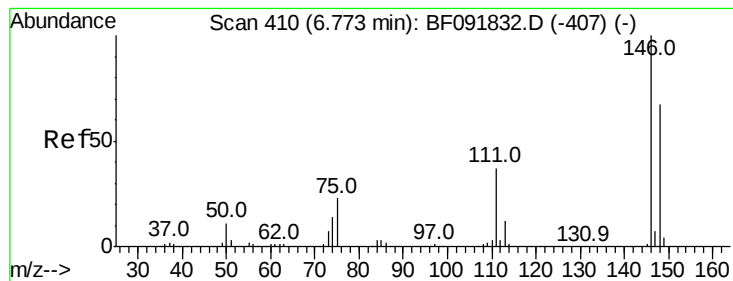
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.4	80.0
75	35.8	18.5	27.7#





#13

1,4-Dichlorobenzene

Concen: 17.09 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

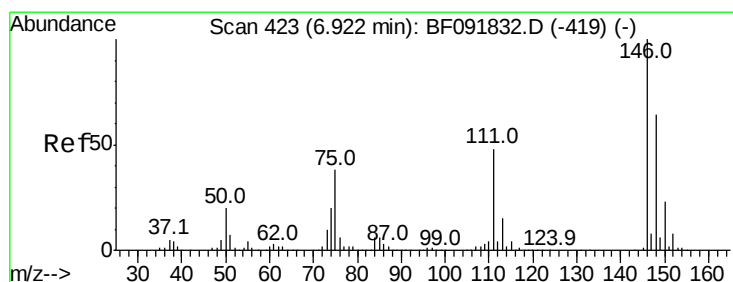
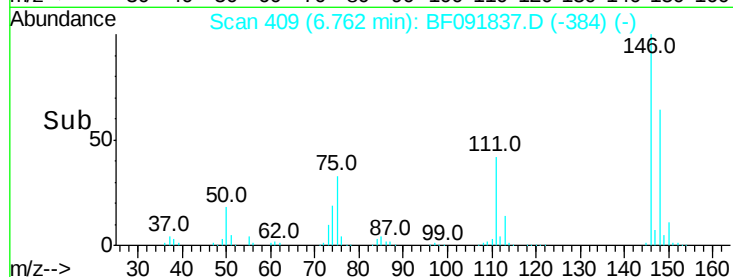
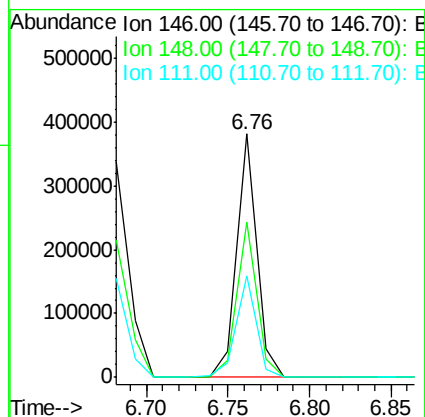
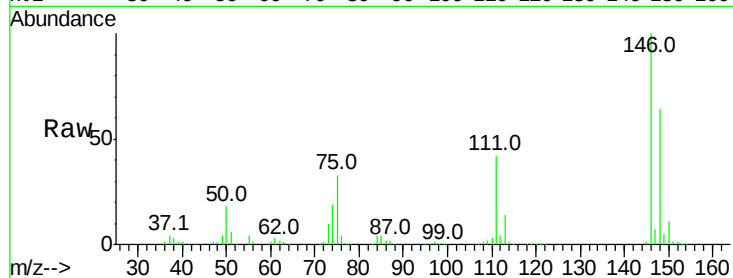
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	146	Resp:	321104
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.6	76.0
111	41.8	36.2	54.4

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#14

1,2-Dichlorobenzene

Concen: 16.22 ng m

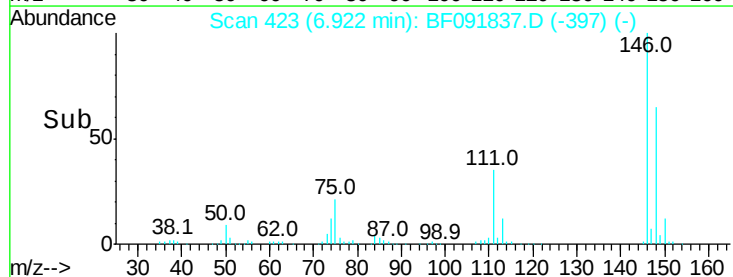
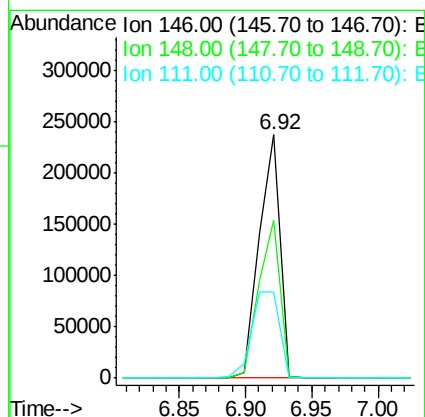
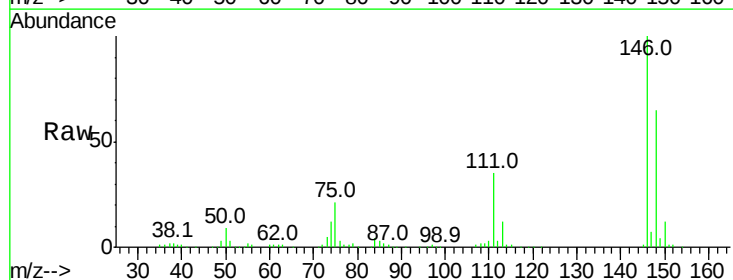
RT: 6.92 min Scan# 423

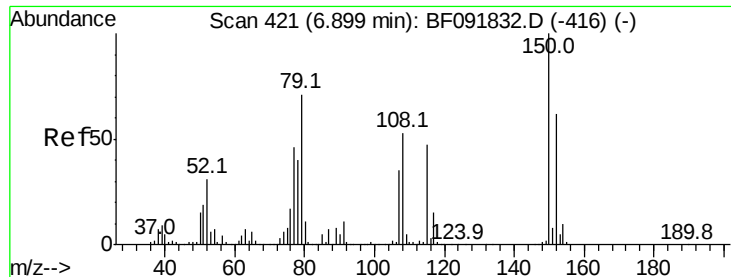
Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	146	Resp:	264447
Ion Ratio	Lower	Upper	
146	100		
148	64.7	52.2	78.2
111	35.2	36.2	54.2#





#15

Benzyl Alcohol

Concen: 17.85 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

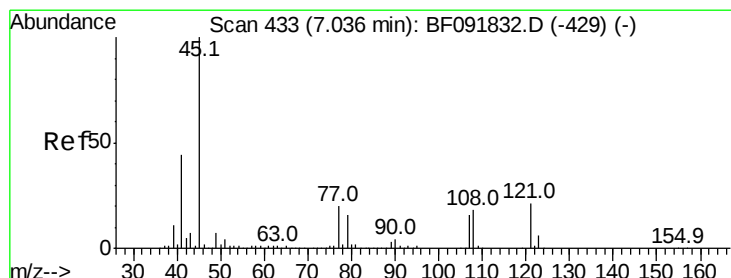
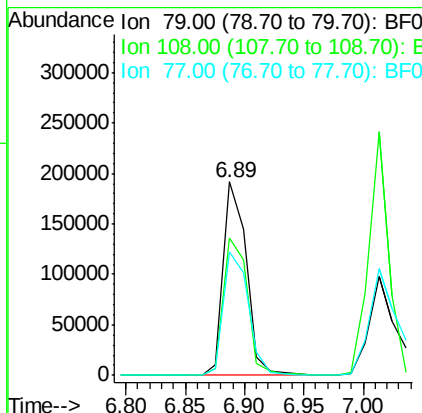
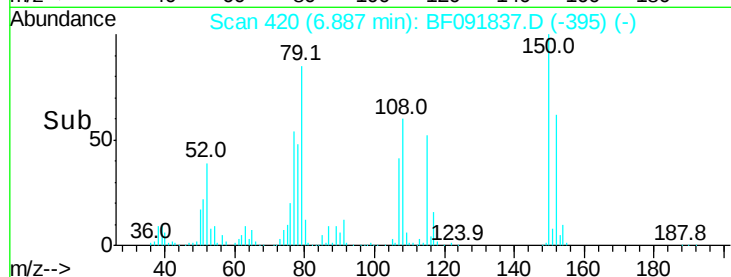
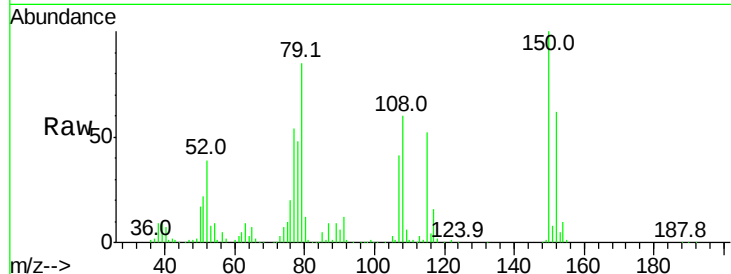
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	79	Resp:	257434
Ion Ratio	Lower	Upper	
79	100		
108	70.8	61.4	92.0
77	63.8	50.9	76.3

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 17.65 ng

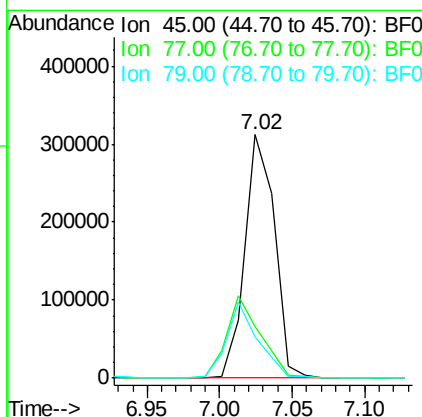
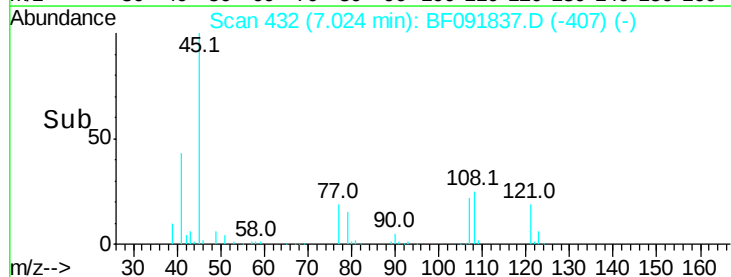
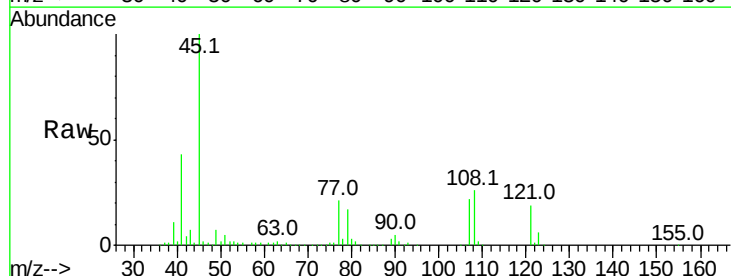
RT: 7.02 min Scan# 432

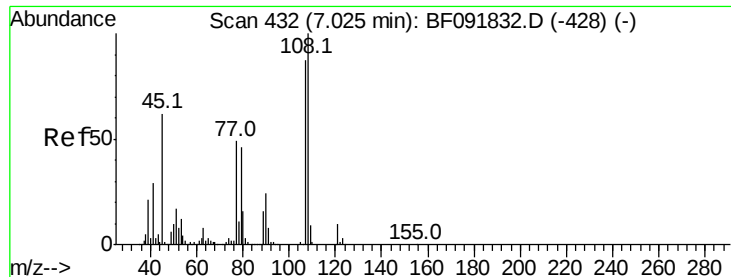
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	45	Resp:	442431
Ion Ratio	Lower	Upper	
45	100		
77	21.2	0.0	34.6
79	17.1	0.0	31.2





#17

2-Methylphenol

Concen: 17.54 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

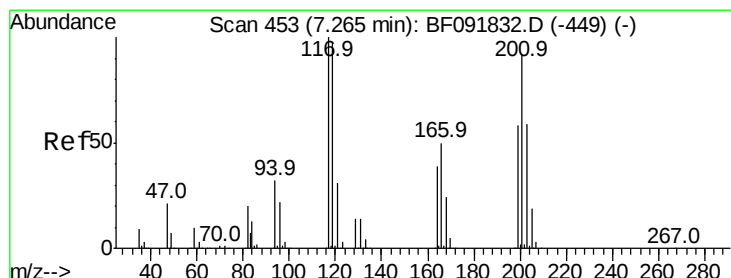
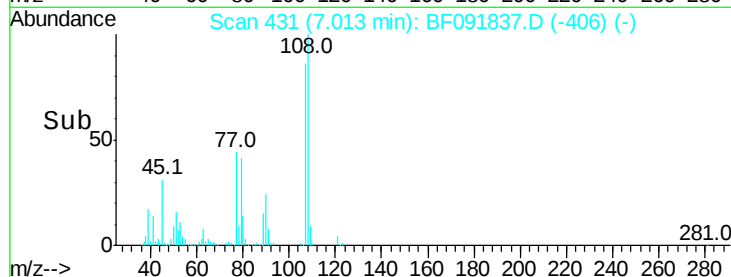
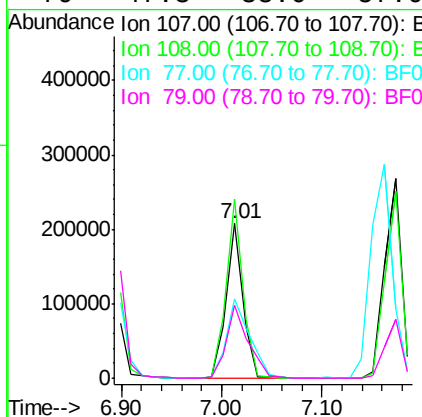
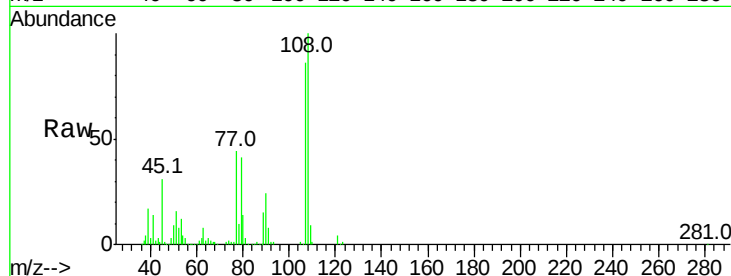
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.1	93.0	139.6	
77	51.1	39.8	59.8	
79	47.3	38.0	57.0	

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#18

Hexachloroethane

Concen: 16.70 ng

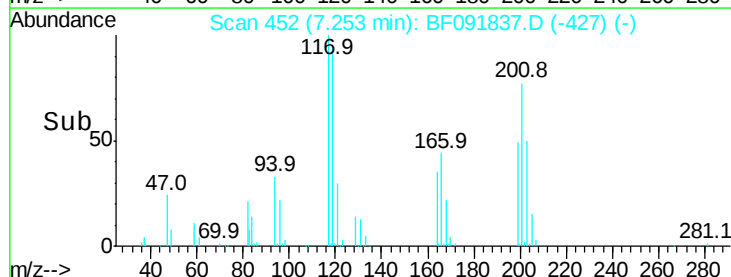
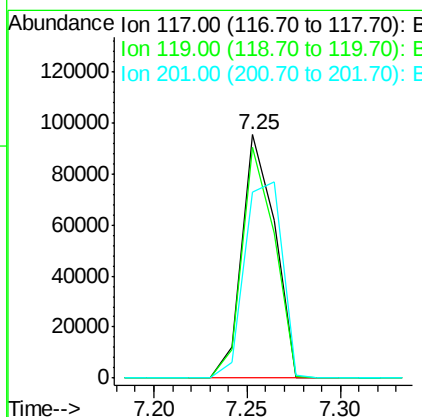
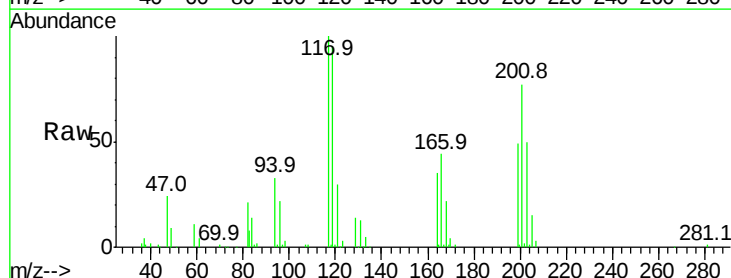
RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.6	78.1	117.1	
201	76.5	78.6	117.8#	





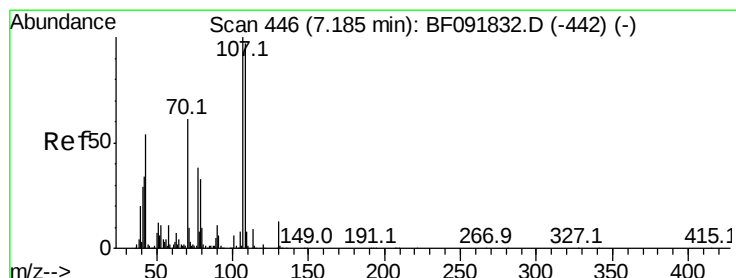
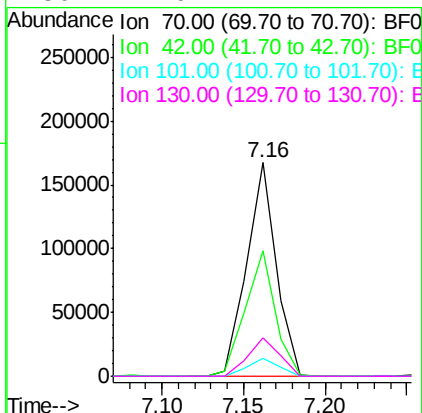
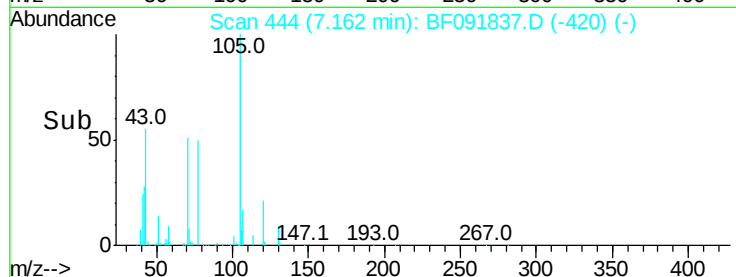
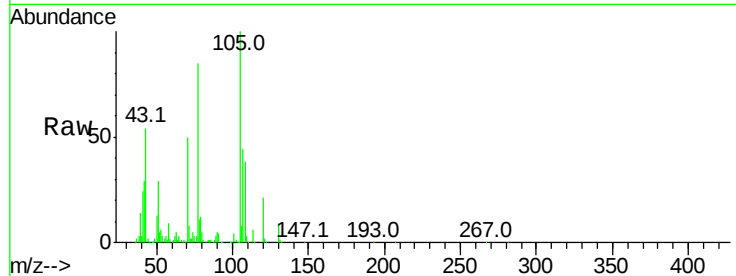
#19
n-Nitroso-di-n-propylamine
Concen: 17.04 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		210427		
42	58.5	49.4	74.0		
101	8.7	7.4	11.2		
130	17.9	14.2	21.4		

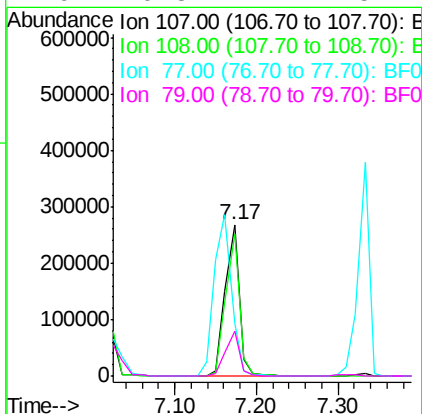
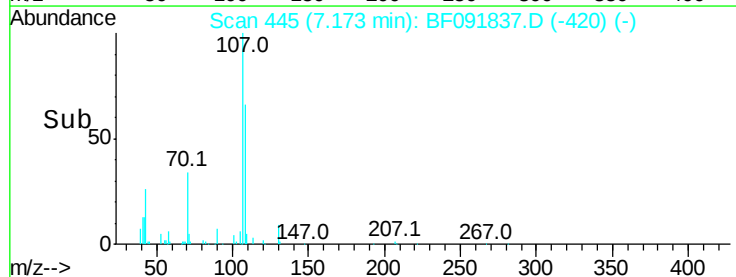
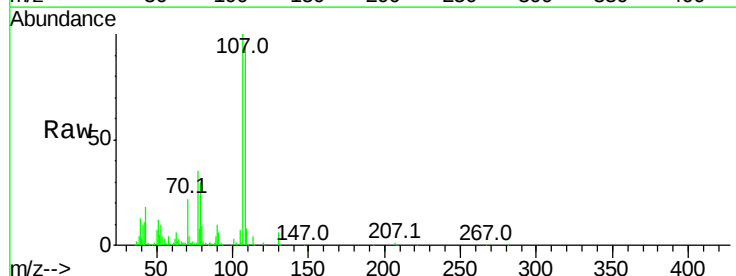
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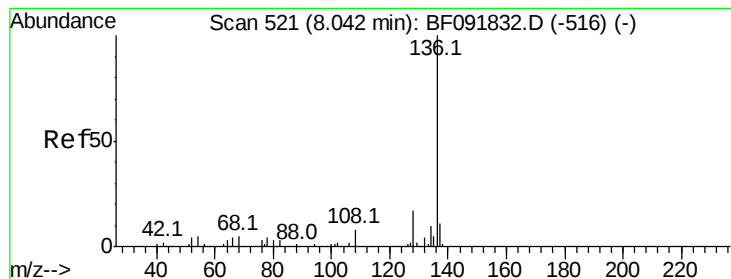
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#20
3+4-Methylphenols
Concen: 19.43 ng
RT: 7.17 min Scan# 445
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		322355		
108	93.7	73.0	113.0		
77	34.8	71.3	111.3#		
79	29.8	11.1	51.1		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:136 Resp: 1071105

Ion Ratio Lower Upper

136 100

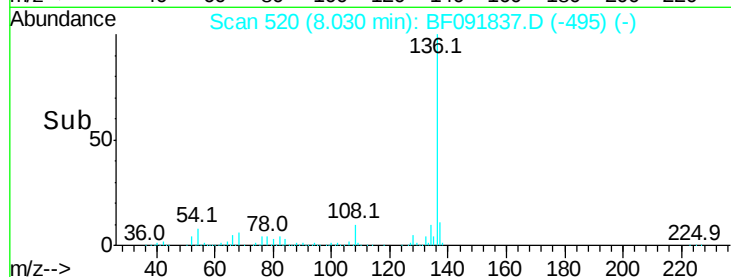
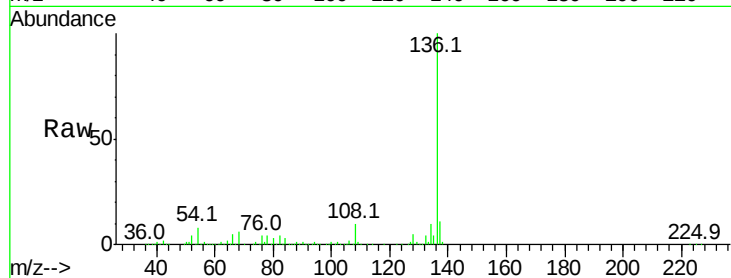
137 11.2 8.4 12.6

54 8.4 4.5 6.7#

68 6.4 3.6 5.4#

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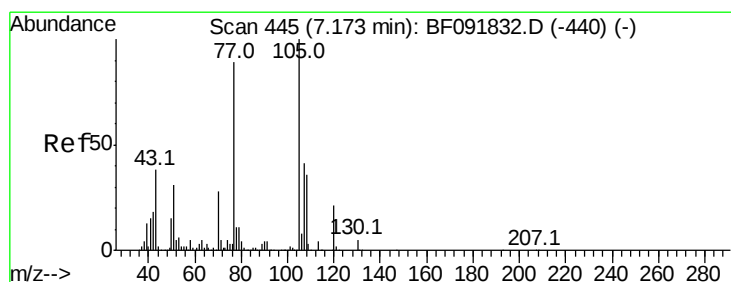
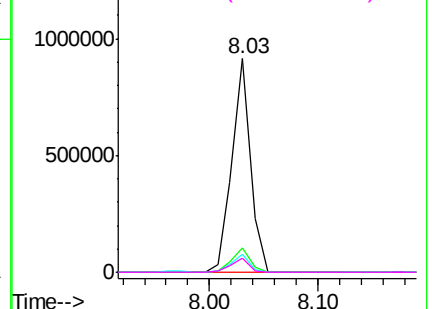


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.69 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:105 Resp: 440902

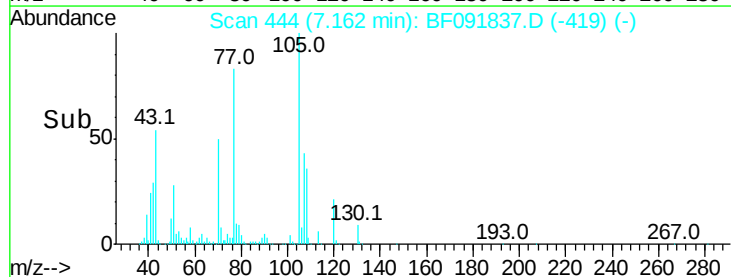
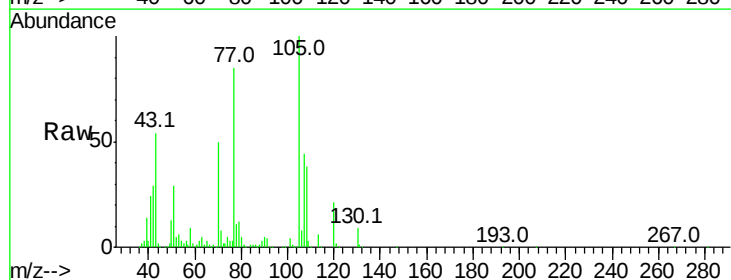
Ion Ratio Lower Upper

105 100

71 7.9 3.2 4.8#

51 28.8 26.2 39.4

120 21.1 16.6 24.8

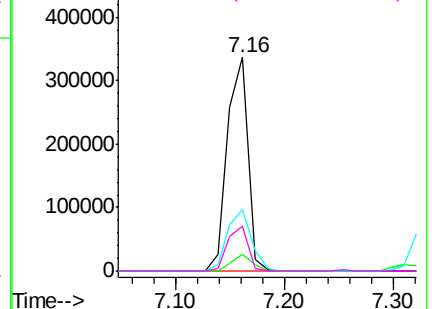


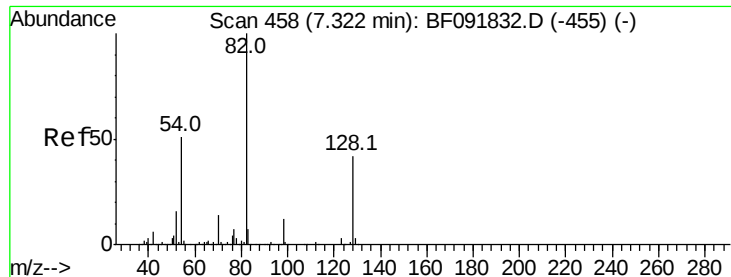
Abundance Ion 105.00 (104.70 to 105.70): E

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





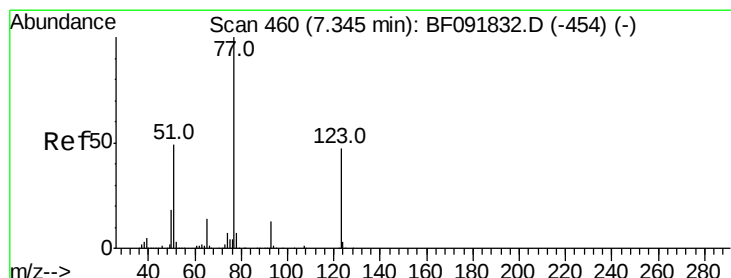
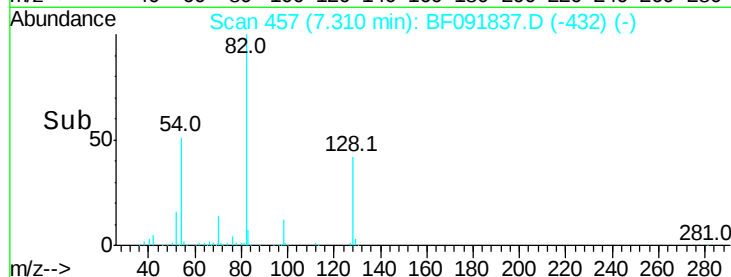
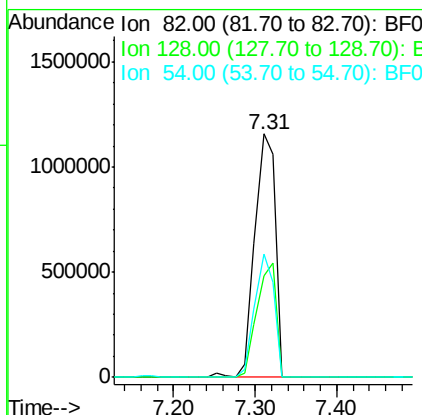
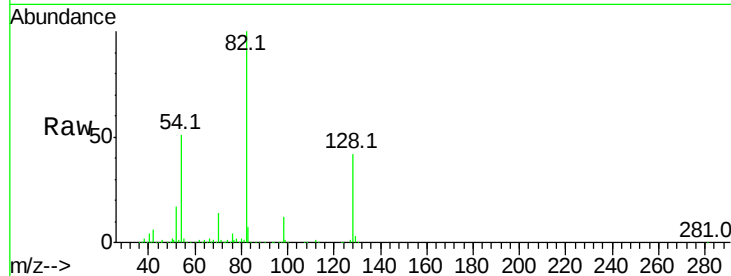
#23
Nitrobenzene-d5
Concen: 105.45 ng
RT: 7.31 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.8	34.6	52.0
54	50.8	39.5	59.3

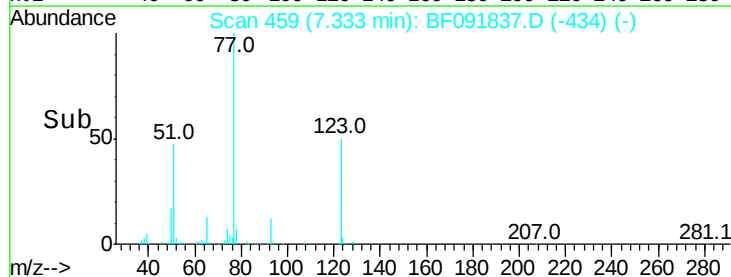
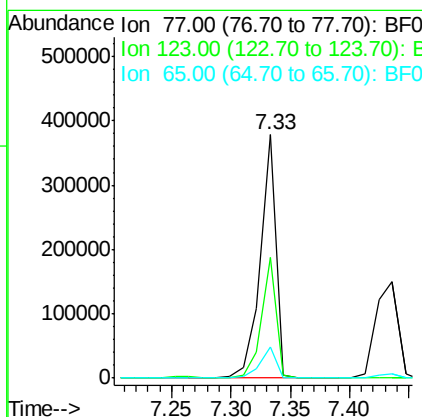
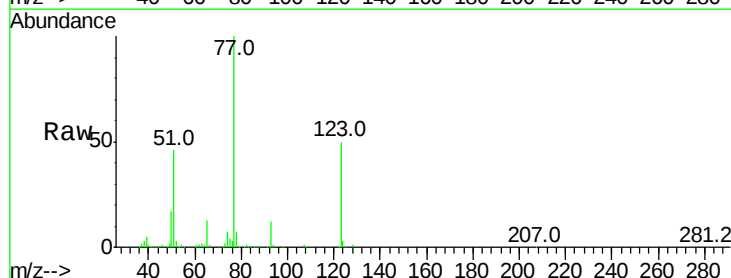
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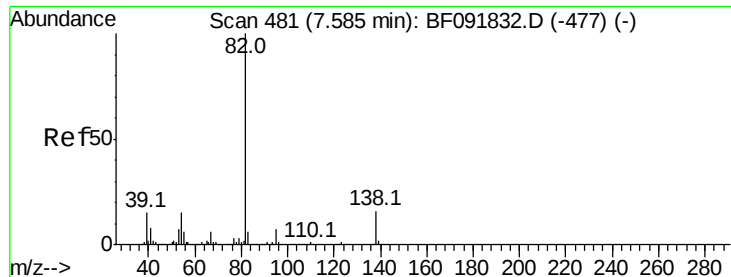
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#24
Nitrobenzene
Concen: 17.07 ng
RT: 7.33 min Scan# 459
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.5	33.0	49.4#
65	13.0	11.2	16.8





#25

Isophorone

Concen: 16.23 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

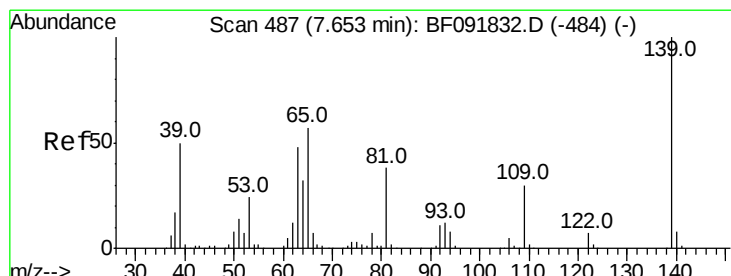
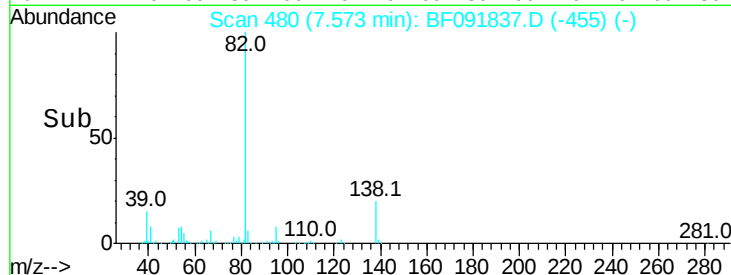
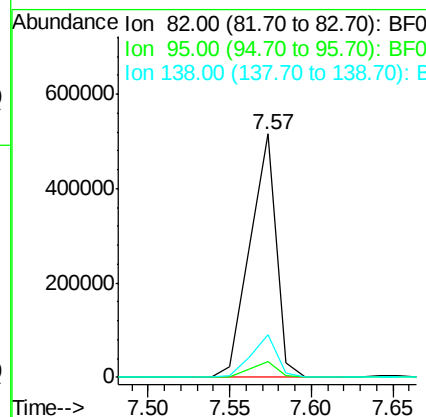
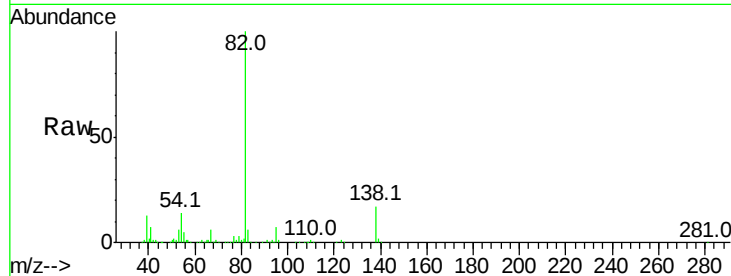
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	82	Resp:	576719
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.6	8.4
138	17.4	14.6	22.0

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#26

2-Nitrophenol

Concen: 16.38 ng

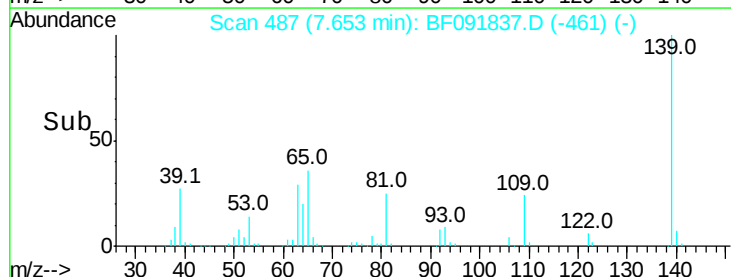
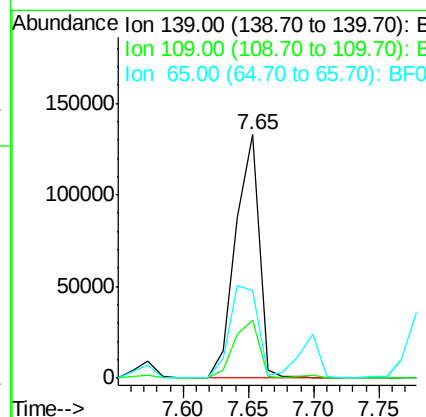
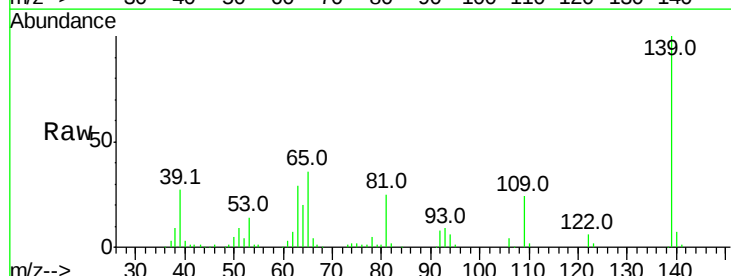
RT: 7.65 min Scan# 487

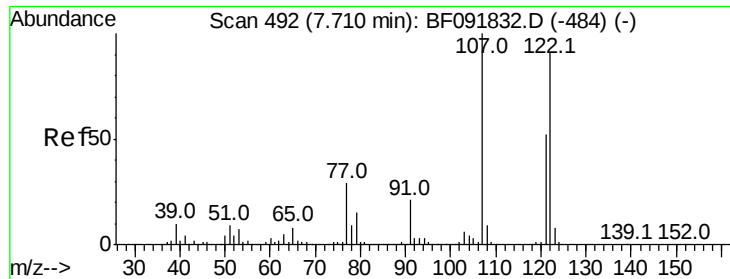
Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	139	Resp:	165688
Ion Ratio	Lower	Upper	
139	100		
109	23.7	23.3	34.9
65	36.0	42.7	64.1#





#27

2,4-Dimethylphenol

Concen: 17.15 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

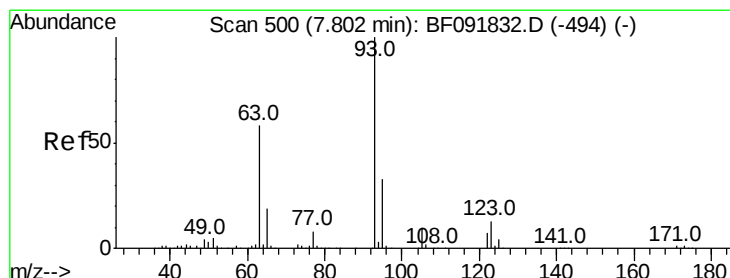
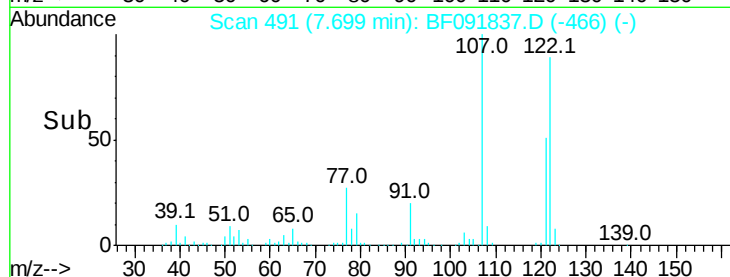
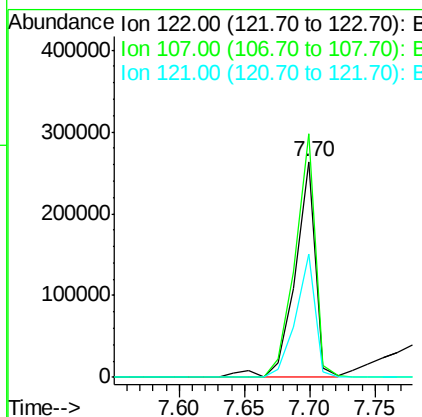
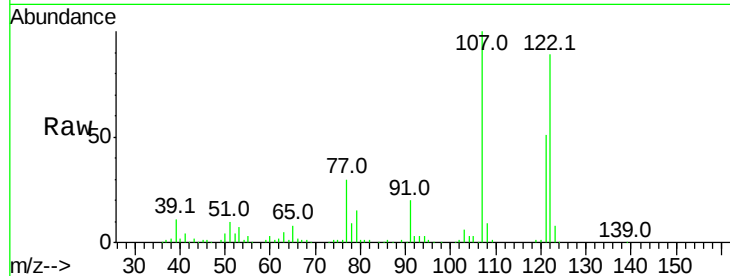
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	122	Resp:	287736
Ion Ratio	Lower	Upper	
122	100		
107	112.7	94.1	141.1
121	57.1	46.0	69.0

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#28

bis(2-Chloroethoxy)methane

Concen: 16.51 ng

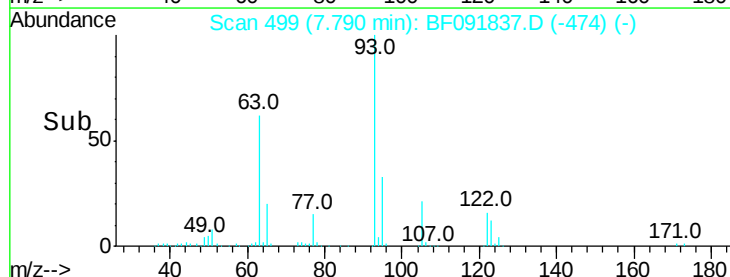
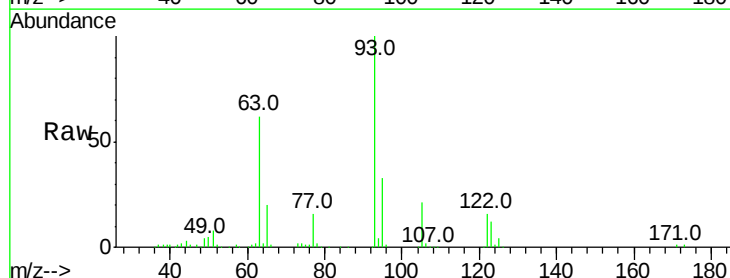
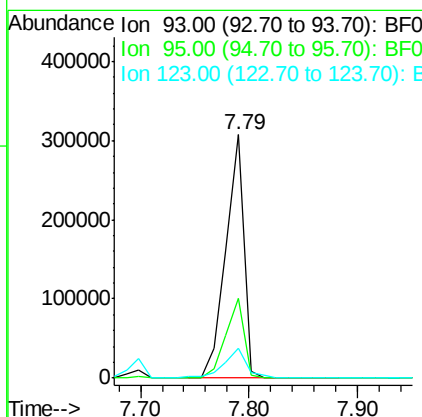
RT: 7.79 min Scan# 499

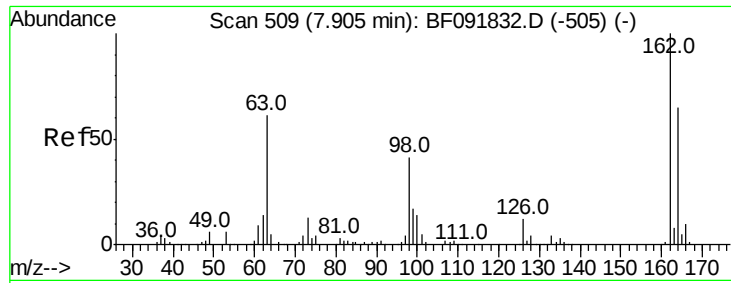
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	93	Resp:	355875
Ion Ratio	Lower	Upper	
93	100		
95	32.8	26.5	39.7
123	12.4	8.6	13.0





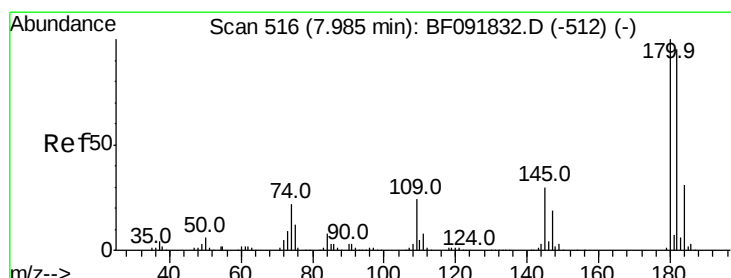
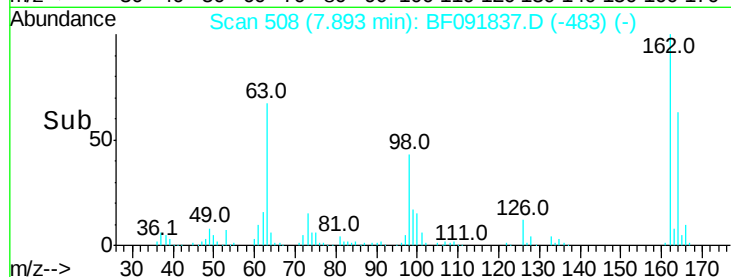
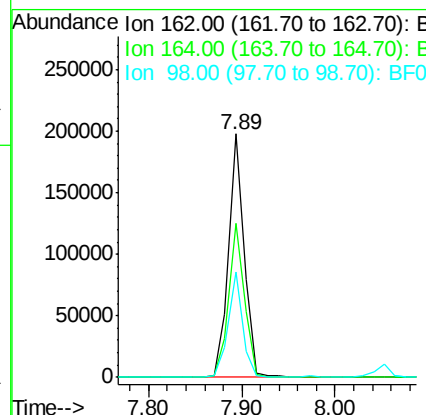
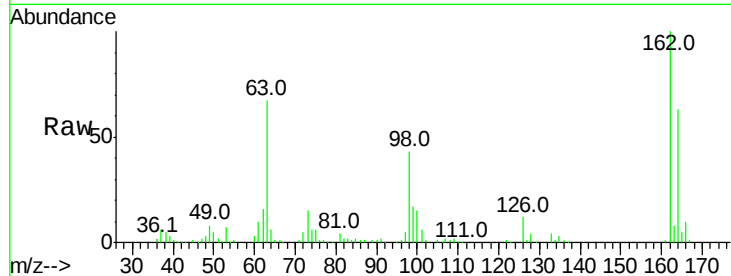
#29
 2,4-Dichlorophenol
 Concen: 16.32 ng
 RT: 7.89 min Scan# 508
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	63.3	46.8	86.8
98	43.4	9.1	49.1

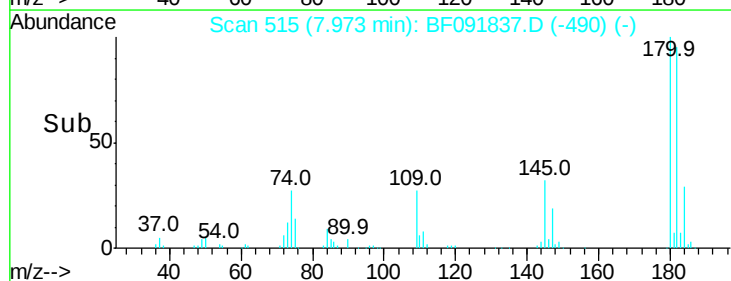
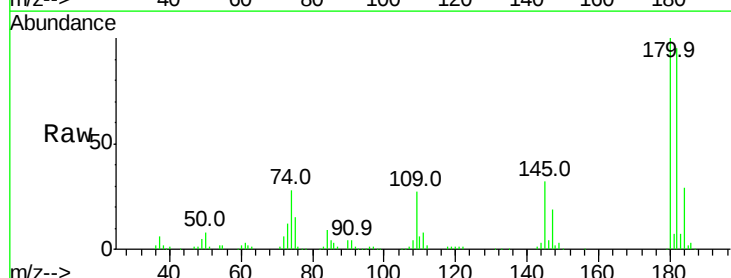
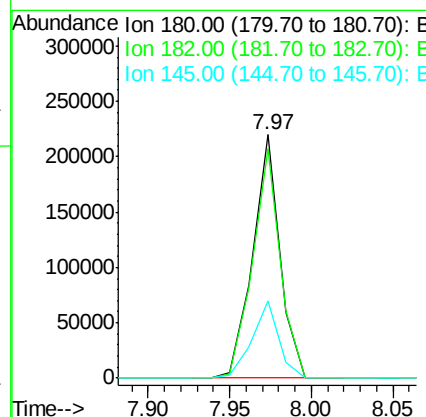
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#30
 1,2,4-Trichlorobenzene
 Concen: 16.24 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.5	78.2	117.4
145	31.7	21.6	32.4





#31

Naphthalene

Concen: 17.70 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

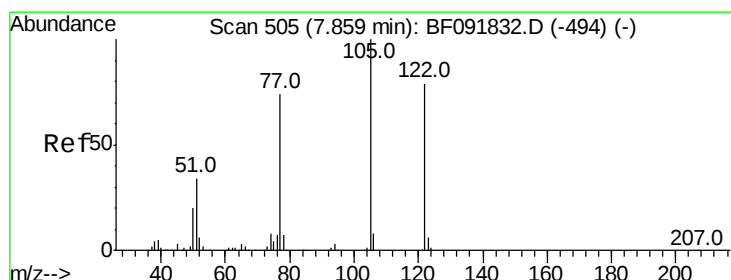
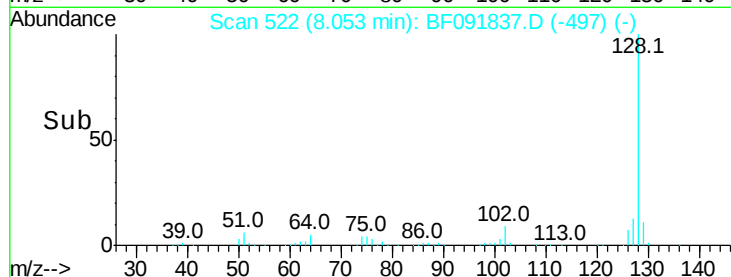
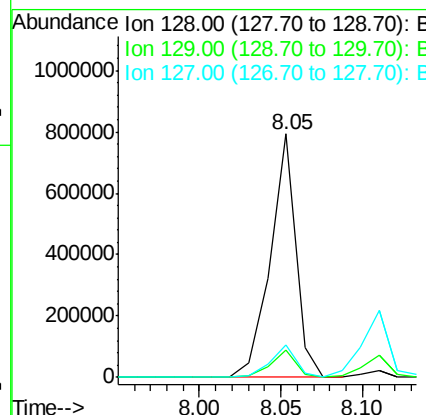
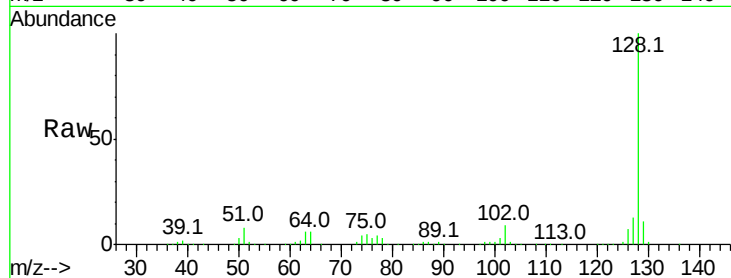
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	128	Resp:	867843
Ion Ratio	Lower	Upper	
128	100		
129	11.3	9.5	14.3
127	13.2	10.8	16.2

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#32

Benzoic acid

Concen: 15.43 ng

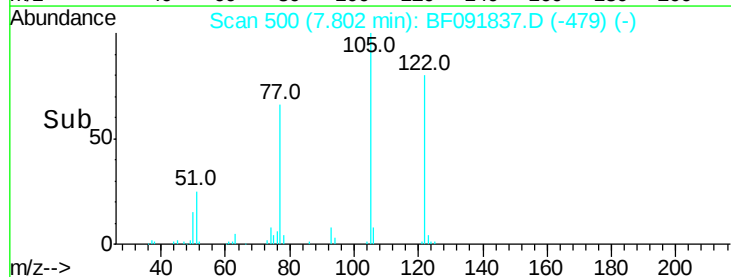
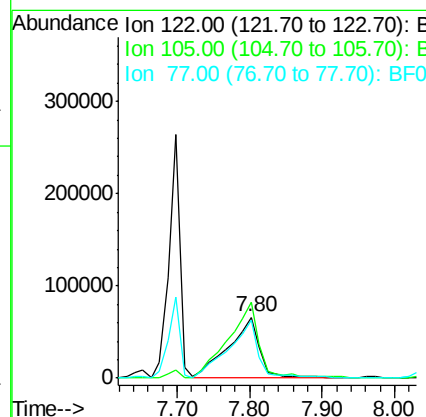
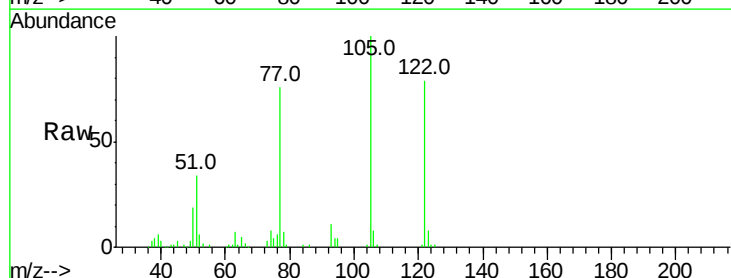
RT: 7.80 min Scan# 500

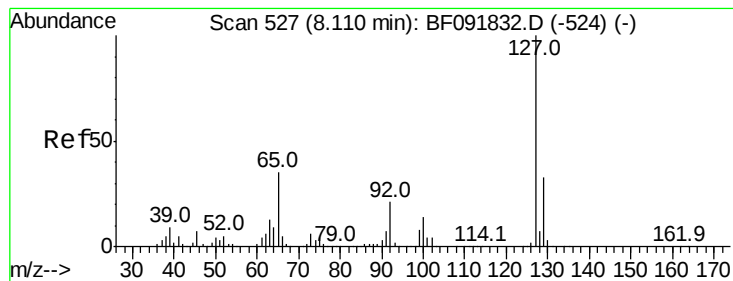
Delta R.T. -0.06 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	122	Resp:	191986
Ion Ratio	Lower	Upper	
122	100		
105	126.1	107.2	147.2
77	95.3	74.5	114.5





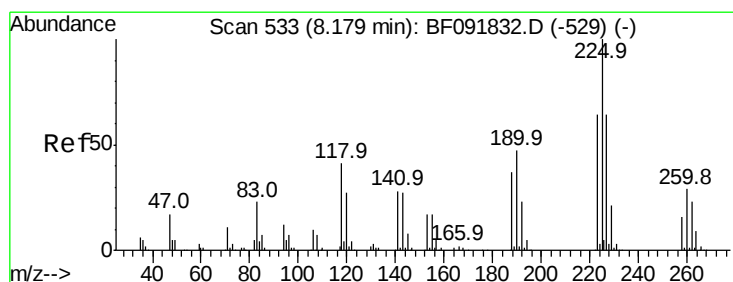
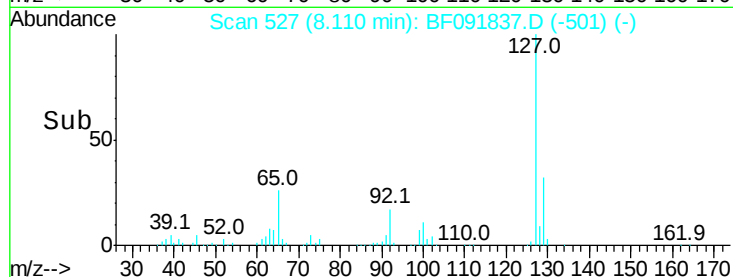
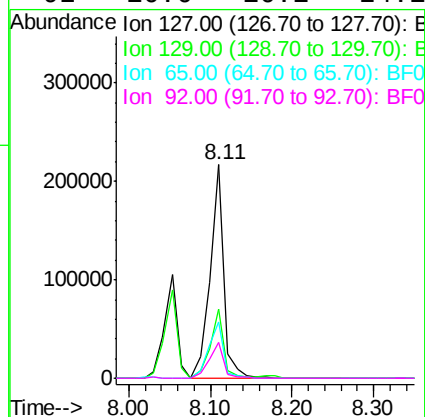
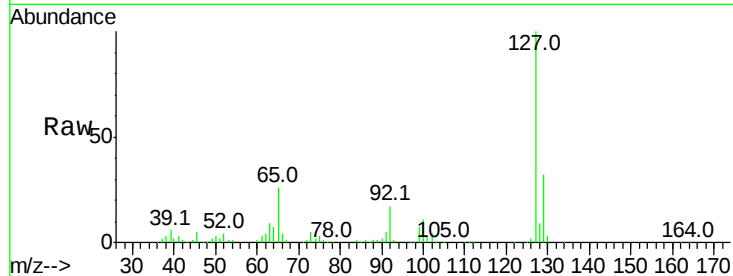
#33
4-Chloroaniline
Concen: 11.70 ng
RT: 8.11 min Scan# 527
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	26.1	25.8	38.8
92	16.6	16.1	24.1

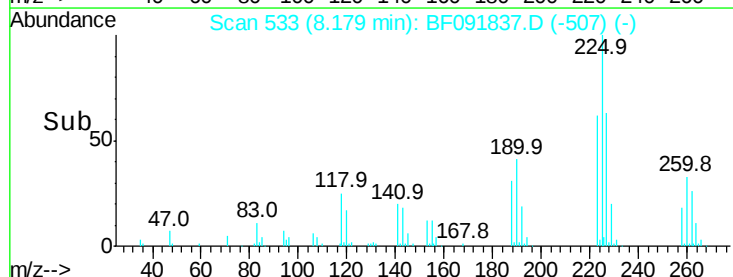
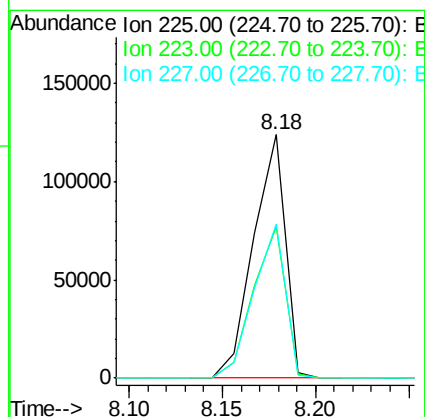
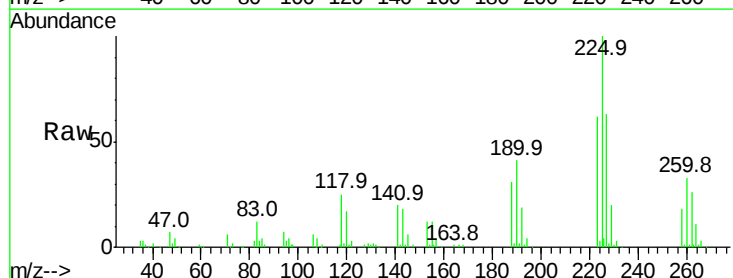
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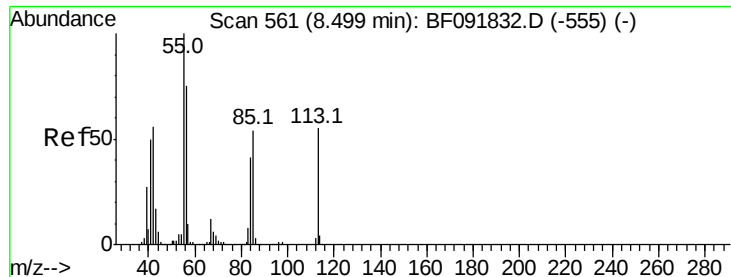
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#34
Hexachlorobutadiene
Concen: 17.81 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.0	76.6
227	63.5	50.6	76.0





#35

Caprolactam

Concen: 16.67 ng

RT: 8.46 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

ClientSampleId :

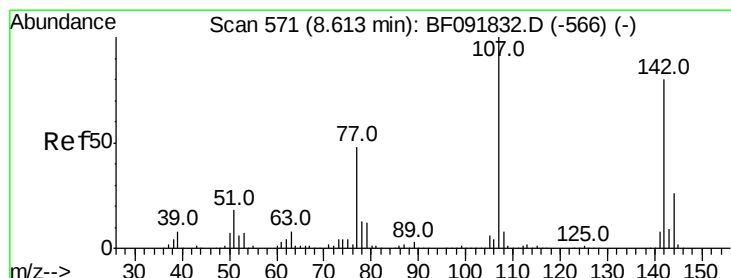
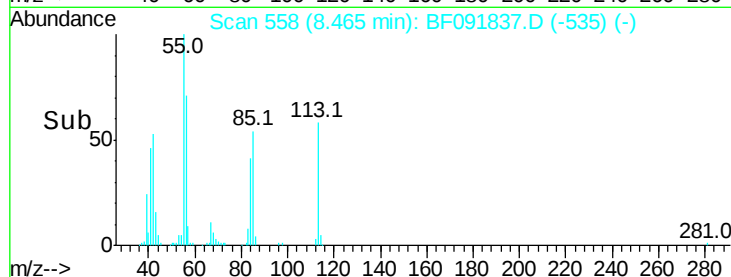
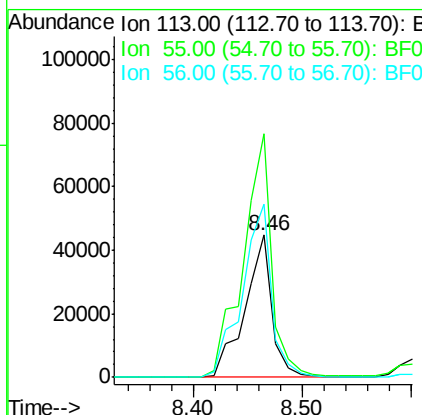
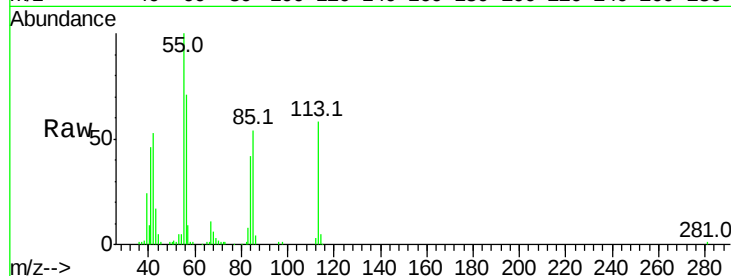
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Tot Ion:113 Resp: 77821

Ion	Ratio	Lower	Upper
113	100		
55	171.3	119.2	159.2#
56	121.7	83.8	123.8

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#36

4-Chloro-3-methylphenol

Concen: 16.88 ng

RT: 8.60 min Scan# 570

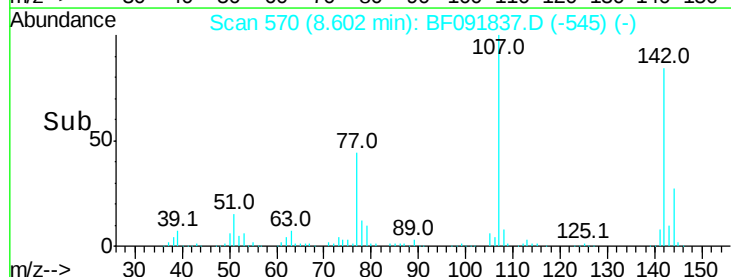
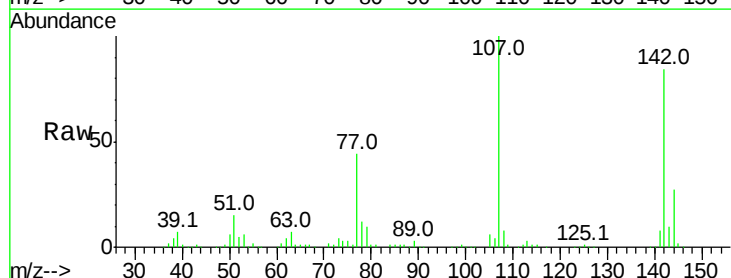
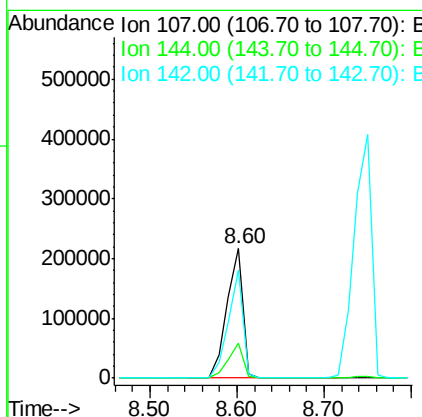
Delta R.T. -0.01 min

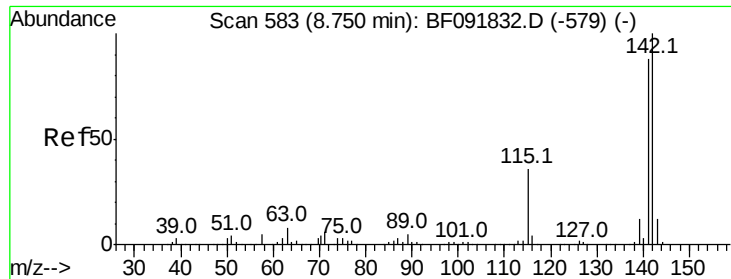
Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:107 Resp: 276032

Ion	Ratio	Lower	Upper
107	100		
144	27.0	19.3	28.9
142	83.9	59.0	88.6





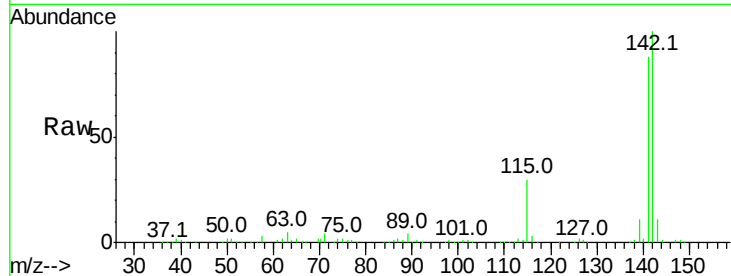
#37
2-Methylnaphthalene
Concen: 15.57 ng
RT: 8.75 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

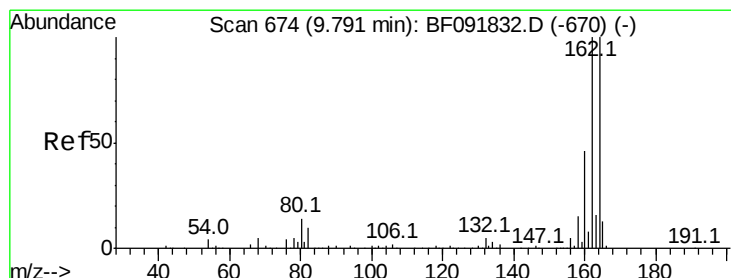
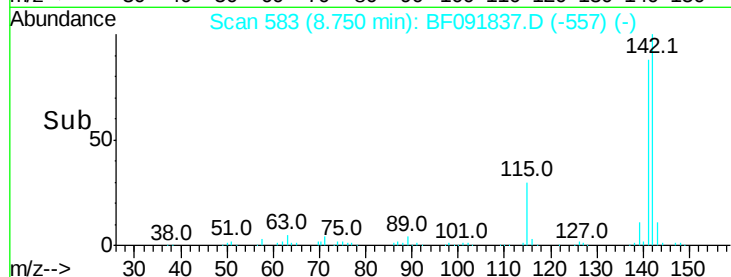
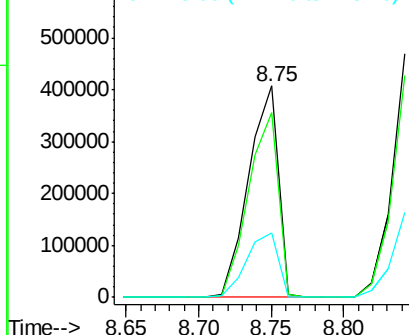
Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.0	106.6
115	30.2	28.3	42.5

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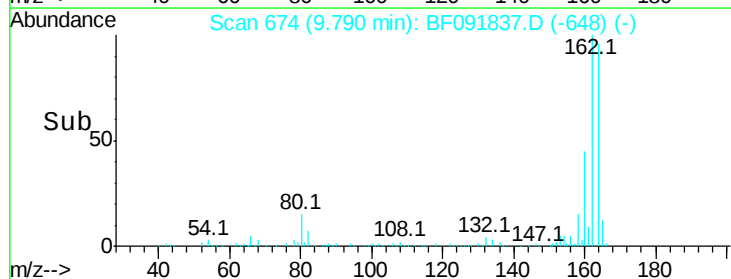
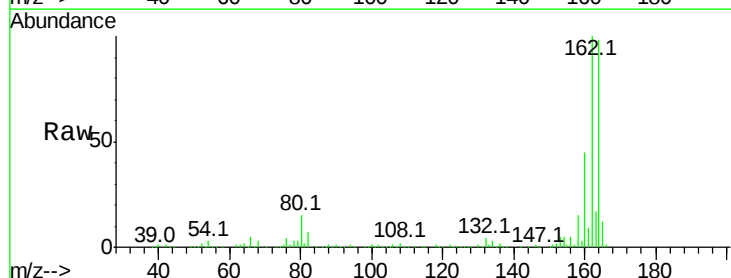
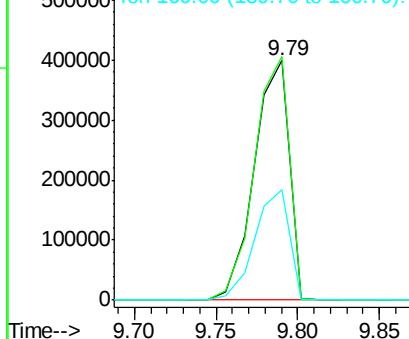
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

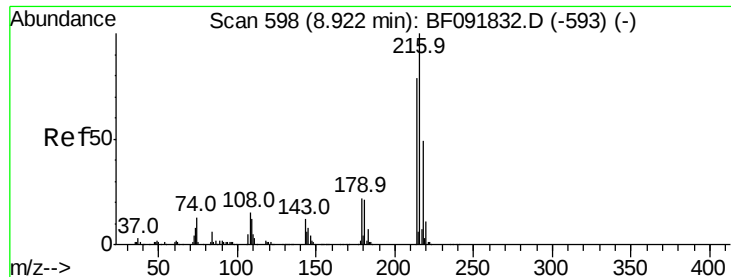


#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 674
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	80.2	120.2
160	45.9	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





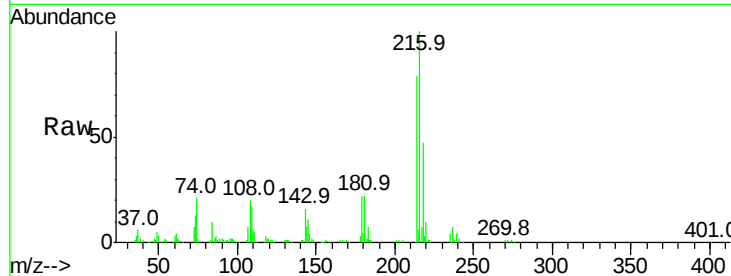
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 16.12 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
216	100	241601		
214	78.4	63.4	95.0	
179	21.6	17.4	26.2	
108	20.0	15.6	23.4	

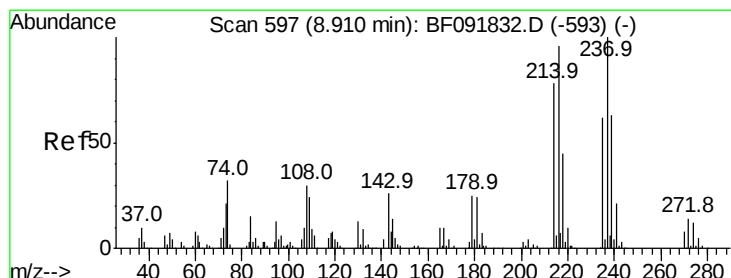
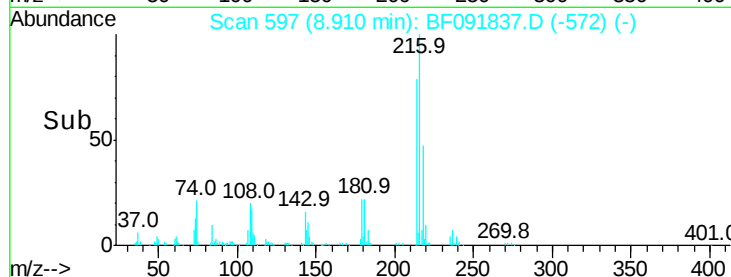
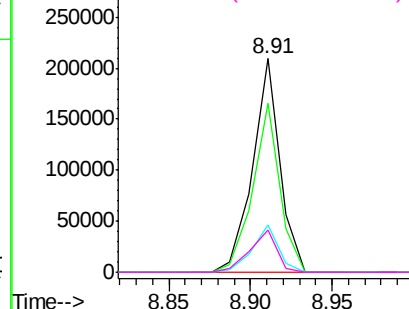
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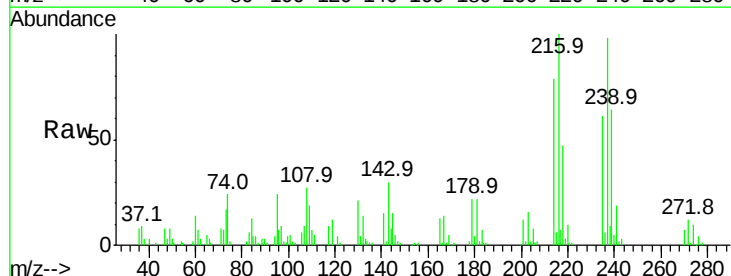
Abundance Ion 216.00 (215.70 to 216.70): E

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



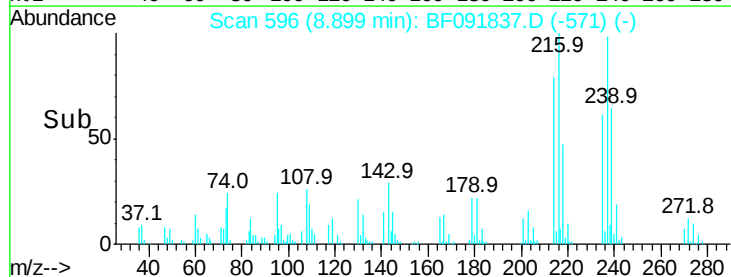
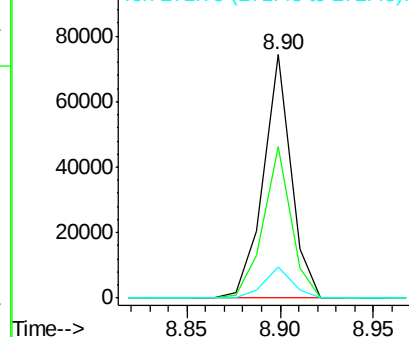
#40
 Hexachlorocyclopentadiene
 Concen: 14.84 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

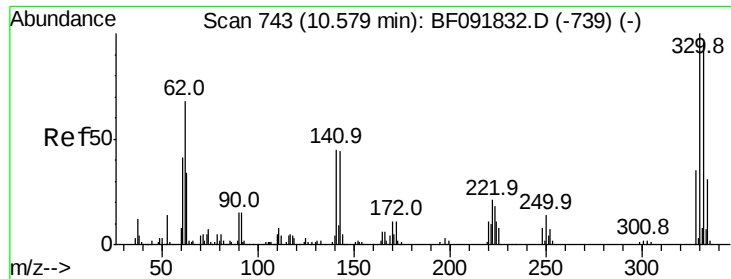
Tgt Ion	Ratio	Resp	Lower	Upper
237	100	76278		
235	62.3	41.2	81.2	
272	12.6	0.0	35.4	



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





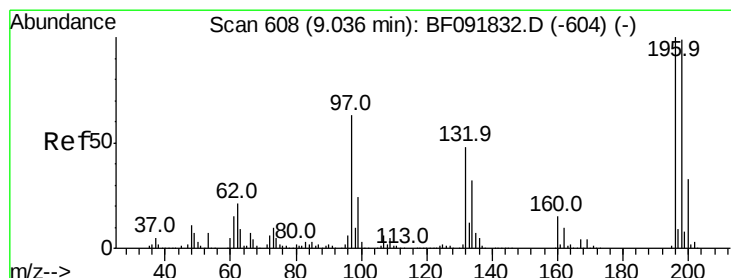
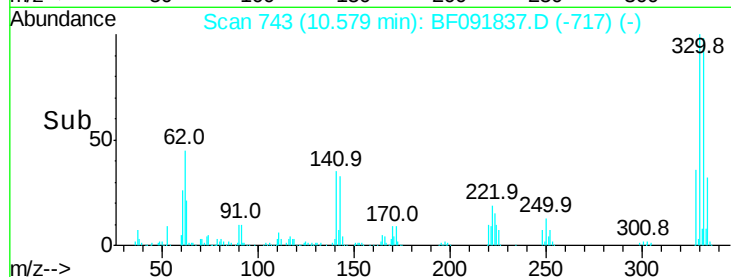
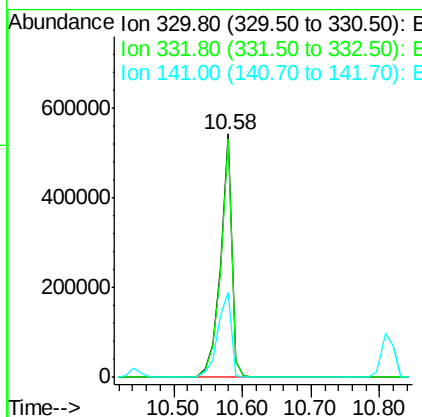
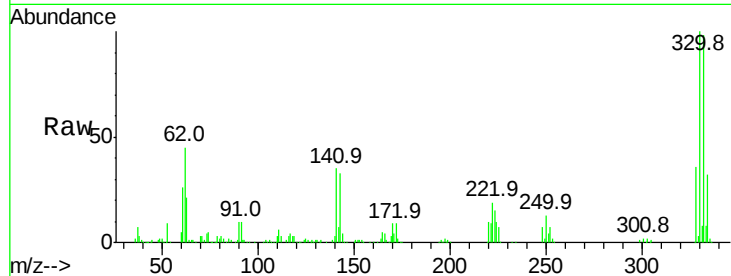
#41
 2,4,6-Tribromophenol
 Concen: 128.64 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
330	100	631551		
332	97.2		77.4	116.2
141	41.5		34.1	51.1

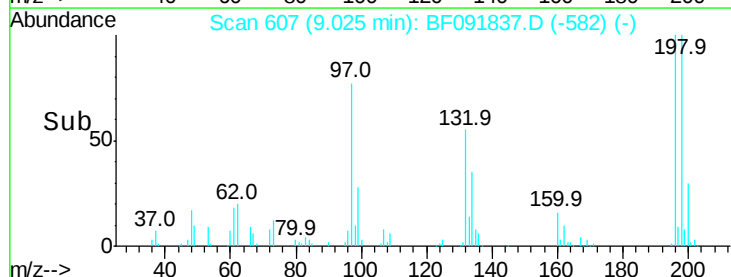
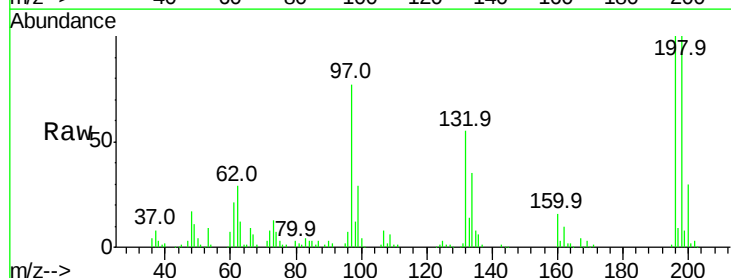
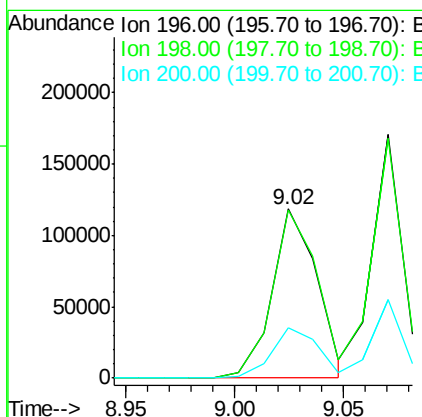
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#42
 2,4,6-Trichlorophenol
 Concen: 16.38 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	171718		
198	99.6		82.1	123.1
200	29.9		27.0	40.4





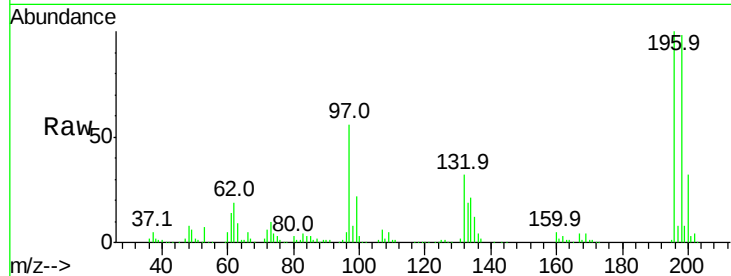
#43
 2,4,5-Trichlorophenol
 Concen: 15.56 ng
 RT: 9.07 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	196	Resp	167806
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.4	119.2
97	55.8	51.5	77.3
132	32.3	27.4	41.2

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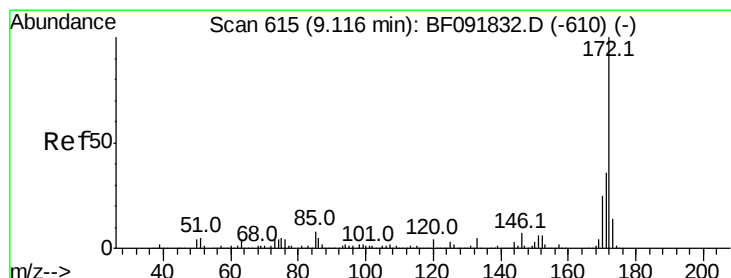
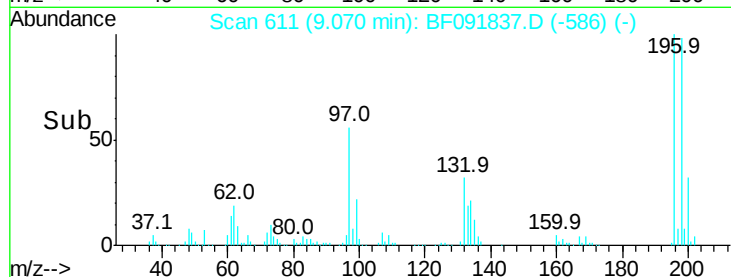
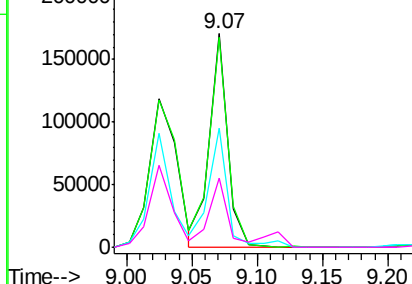
Abundance

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: 116.10 ng
 RT: 9.12 min Scan# 615
 Delta R.T. 0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

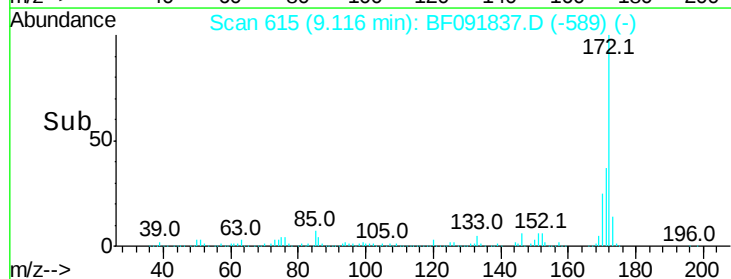
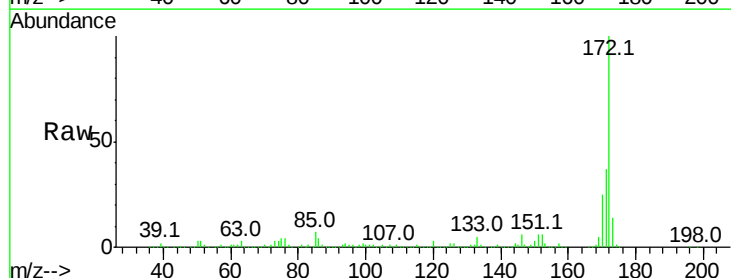
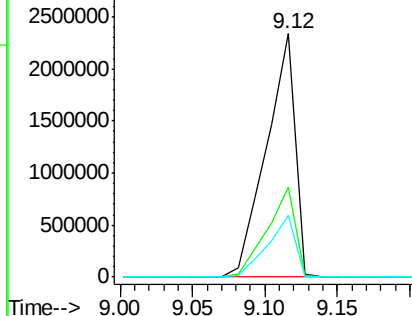
Tgt Ion	172	Resp	3224875
Ion Ratio	Lower	Upper	
172	100		
171	36.8	29.4	44.0
170	25.2	20.2	30.4

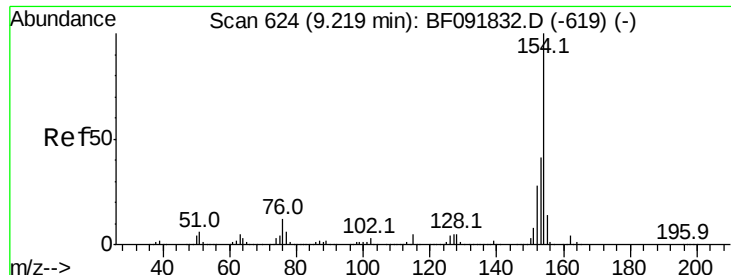
Abundance

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: 17.06 ng

RT: 9.21 min Scan# 623

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

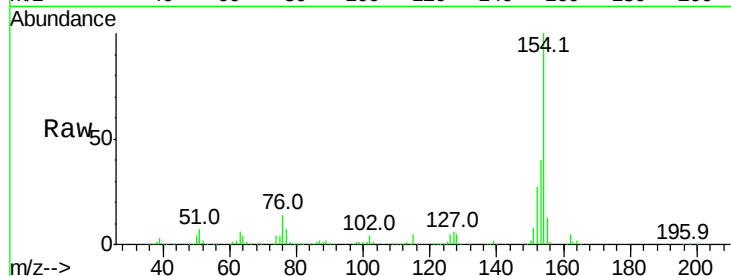
ClientSampleId :

LOQ-WATER-06-QT1-2017

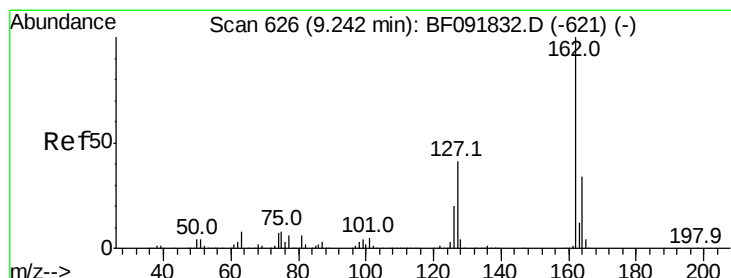
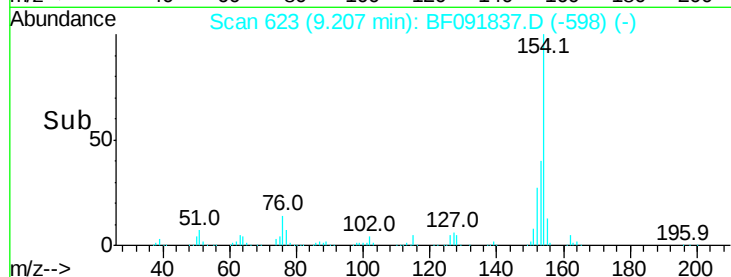
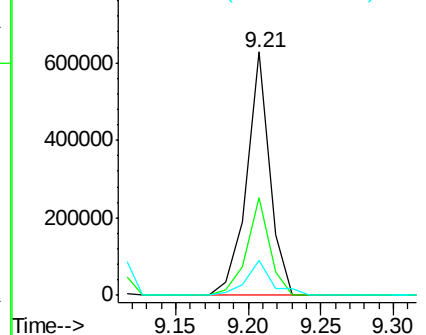
Tot Ion:	154	Resp:	692886
Ion Ratio	Lower	Upper	
154	100		
153	40.0	20.9	60.9
76	14.3	0.0	30.5

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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: 16.09 ng

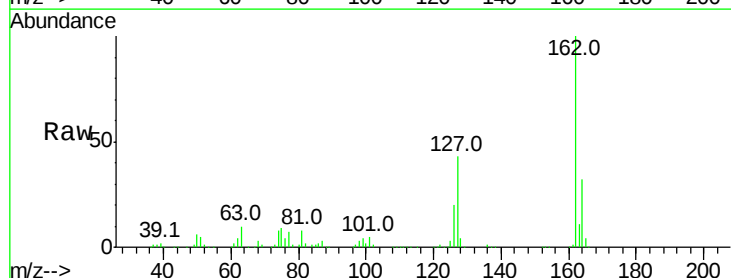
RT: 9.23 min Scan# 625

Delta R.T. -0.01 min

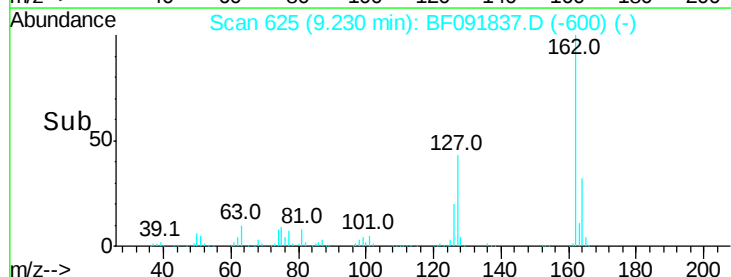
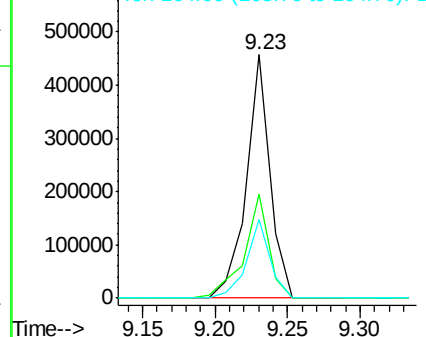
Lab File: BF091837.D

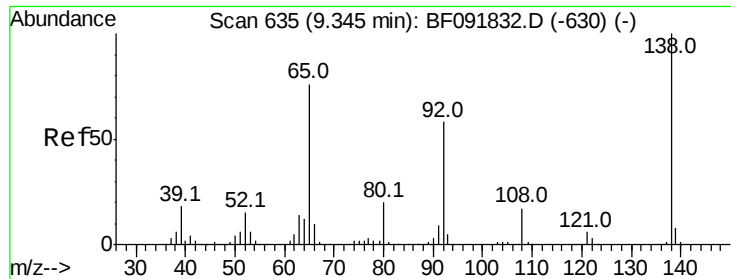
Acq: 21 Dec 2016 17:00

Tgt Ion:	162	Resp:	517525
Ion Ratio	Lower	Upper	
162	100		
127	42.9	30.7	46.1
164	32.1	27.6	41.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





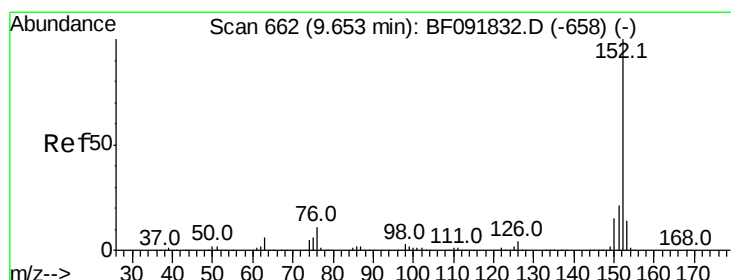
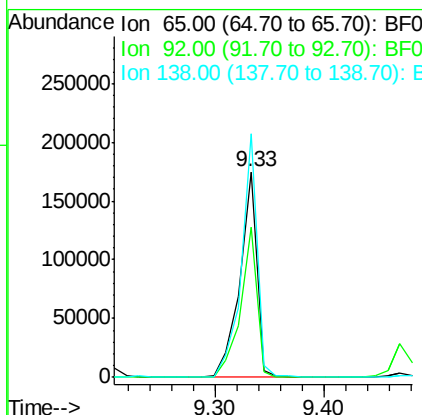
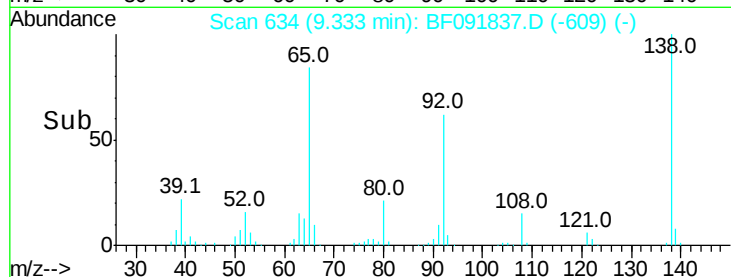
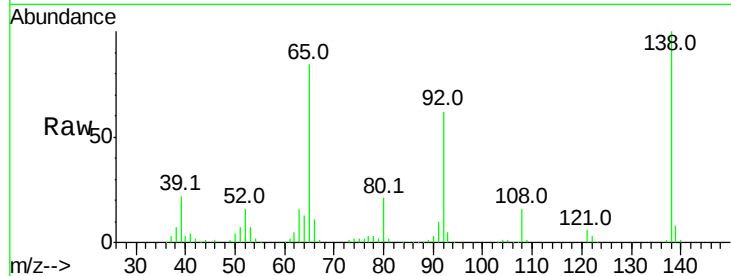
#47
 2-Nitroaniline
 Concen: 16.42 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
65	100		
92	72.9	53.9	80.9
138	118.4	76.8	115.2

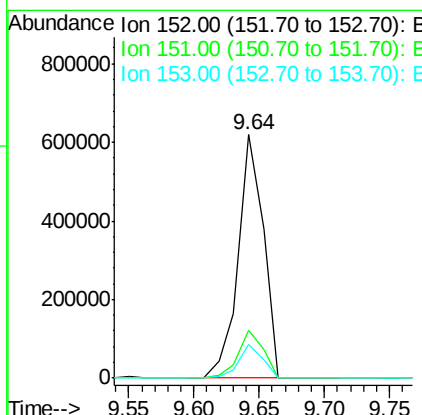
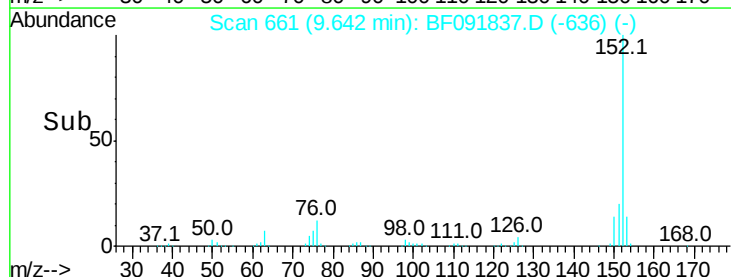
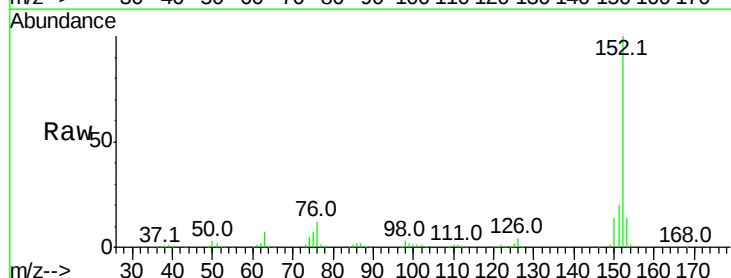
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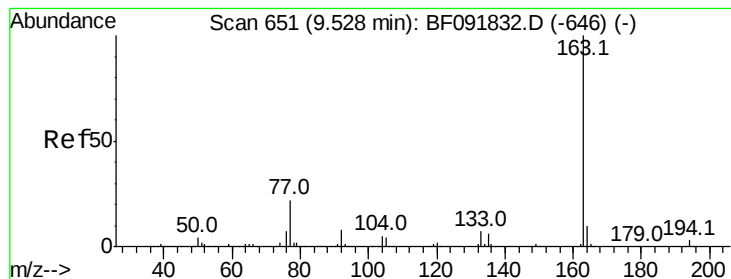
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#48
 Acenaphthylene
 Concen: 16.74 ng
 RT: 9.64 min Scan# 661
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.9	25.3
153	14.0	11.4	17.2





#49

Dimethylphthalate

Concen: 17.56 ng

RT: 9.52 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

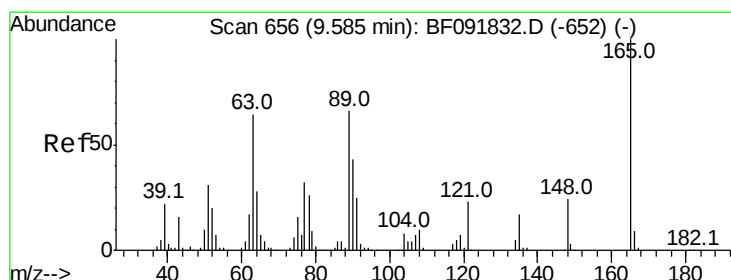
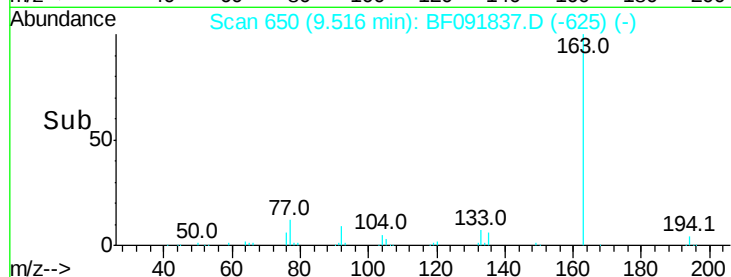
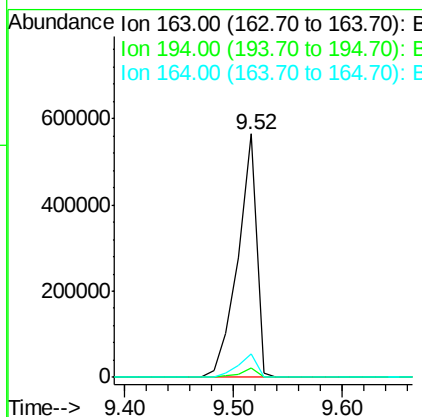
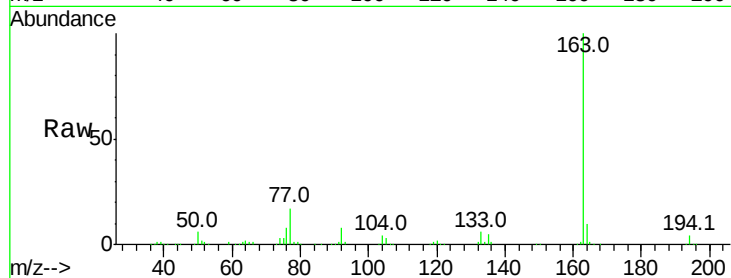
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	163	Resp:	666273
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.0	4.4
164	9.8	8.0	12.0

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#50

2,6-Dinitrotoluene

Concen: 16.94 ng

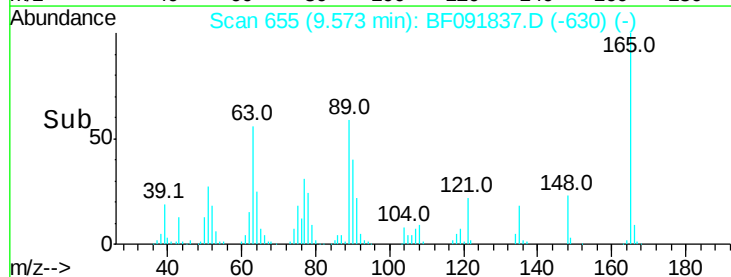
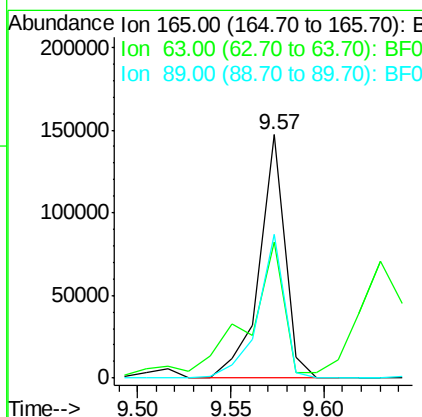
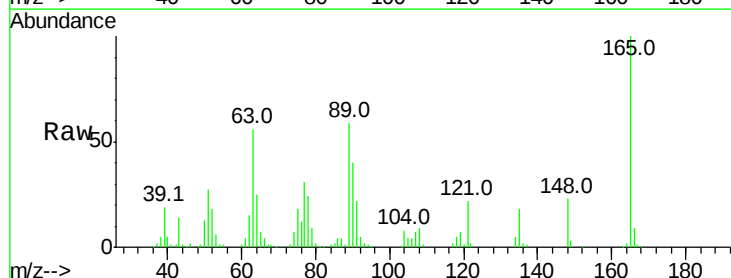
RT: 9.57 min Scan# 655

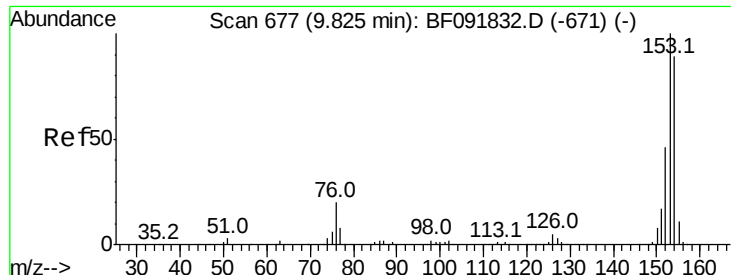
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	165	Resp:	140687
Ion Ratio	Lower	Upper	
165	100		
63	56.1	36.2	54.4#
89	58.9	40.2	60.4





#51

Acenaphthene

Concen: 16.56 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

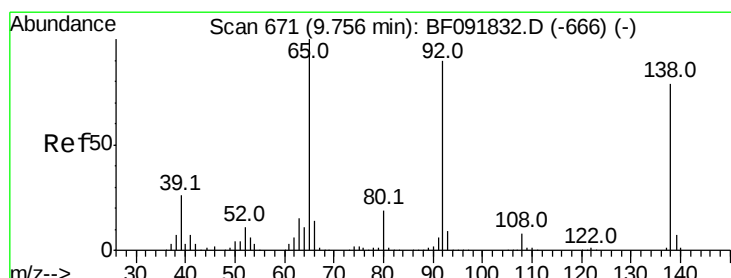
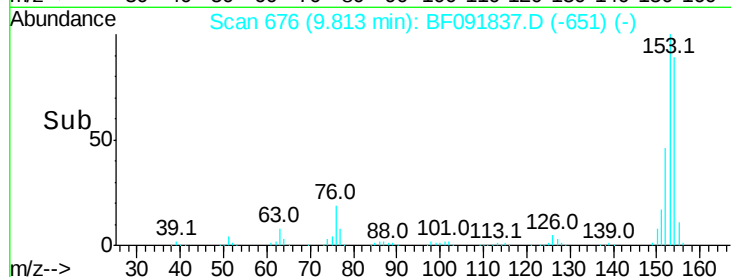
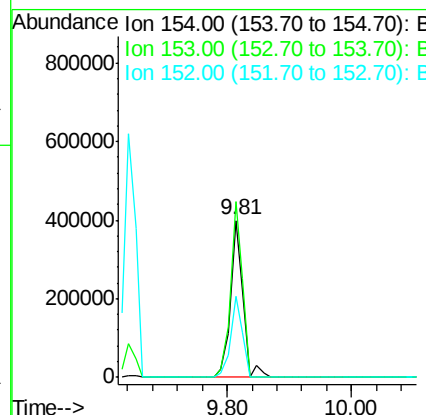
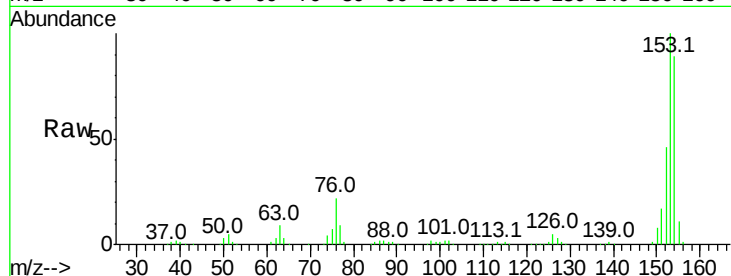
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	154	Resp:	555333
Ion Ratio	Lower	Upper	
154	100		
153	112.0	88.6	133.0
152	51.2	41.6	62.4

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#52

3-Nitroaniline

Concen: 12.40 ng

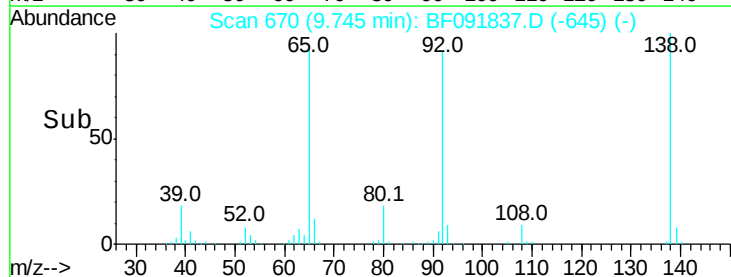
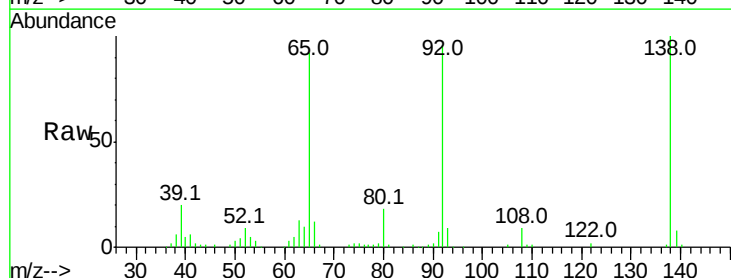
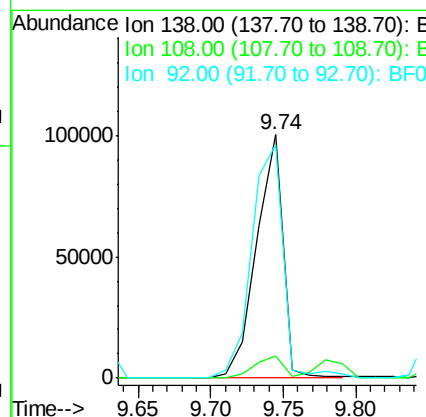
RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	138	Resp:	127462
Ion Ratio	Lower	Upper	
138	100		
108	9.1	8.5	12.7
92	95.9	97.8	146.8#





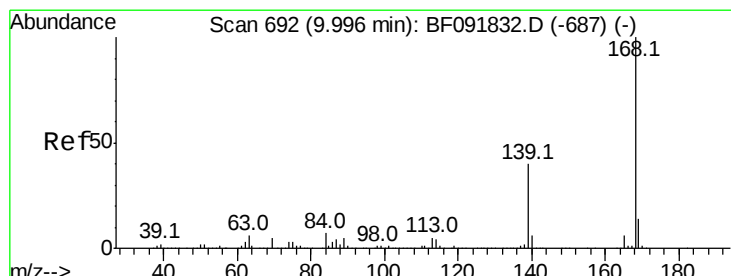
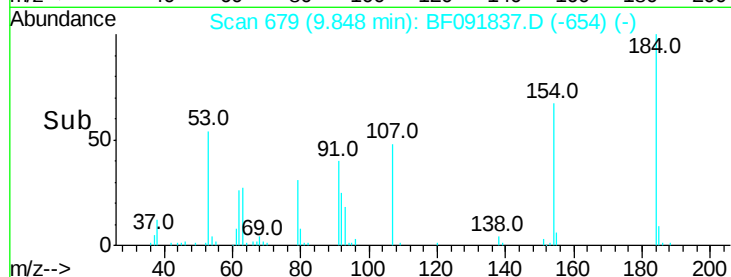
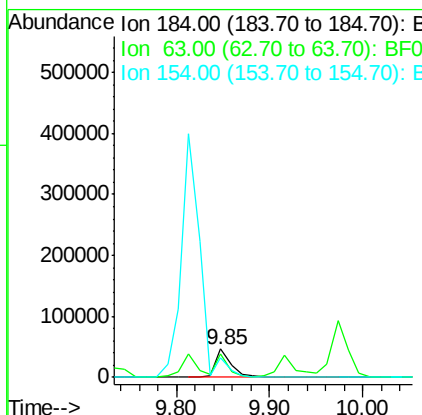
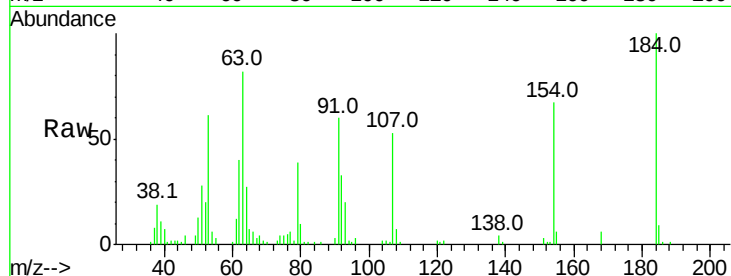
#53
2,4-Dinitrophenol
Concen: 12.27 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
184	100			
63	81.8	28.4	42.6#	
154	67.2	44.3	66.5#	

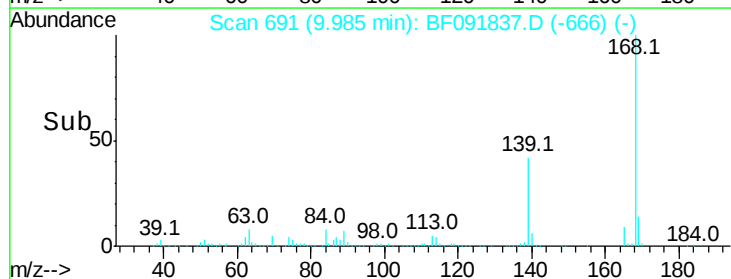
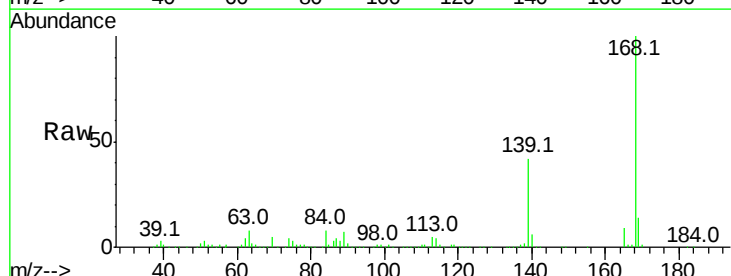
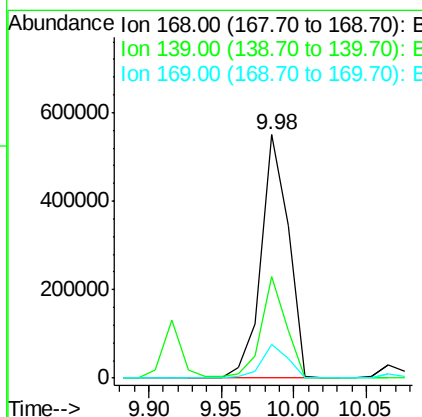
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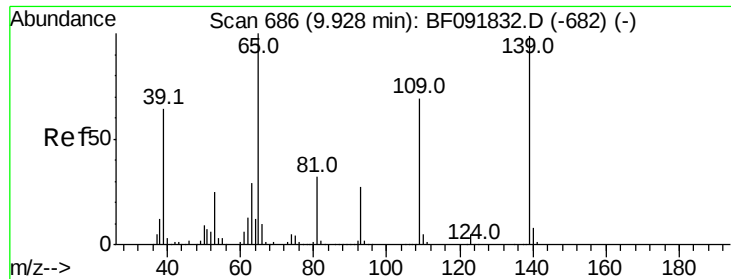
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#54
Dibenzofuran
Concen: 15.80 ng
RT: 9.98 min Scan# 691
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
168	100			
139	41.6	32.6	49.0	
169	13.9	11.3	16.9	





#55

4-Nitrophenol

Concen: 17.18 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

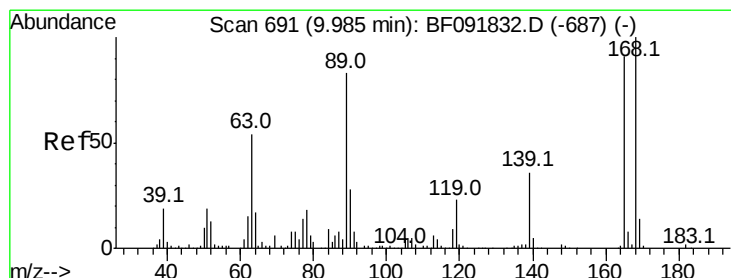
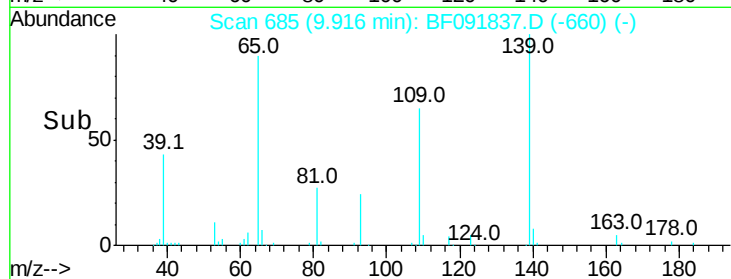
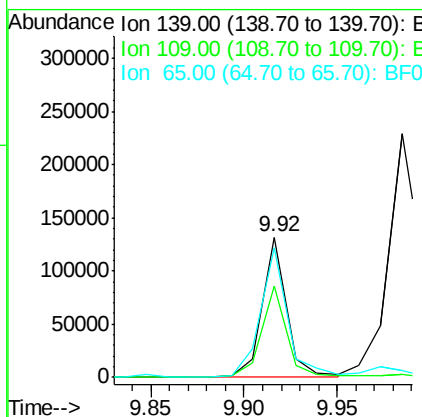
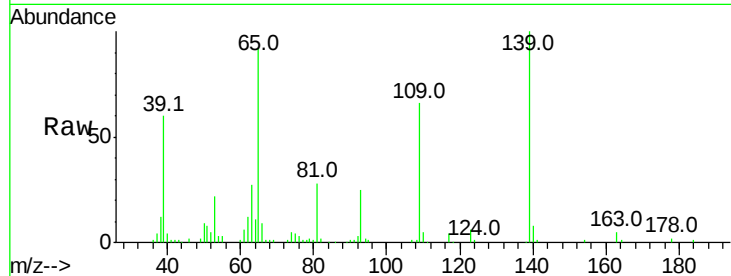
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	139	Resp:	119915
Ion Ratio	Lower	Upper	
139	100		
109	65.5	52.2	92.2
65	92.3	85.8	125.8

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#56

2,4-Dinitrotoluene

Concen: 17.03 ng

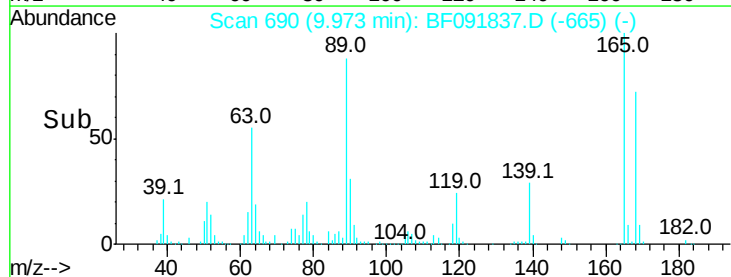
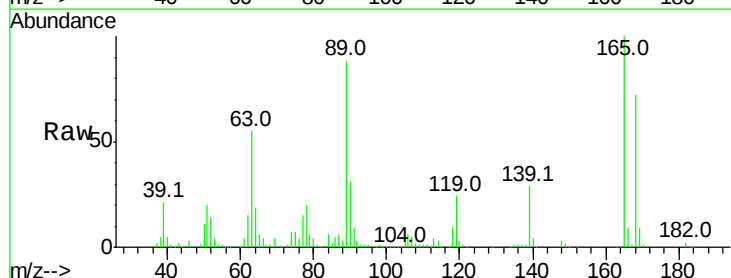
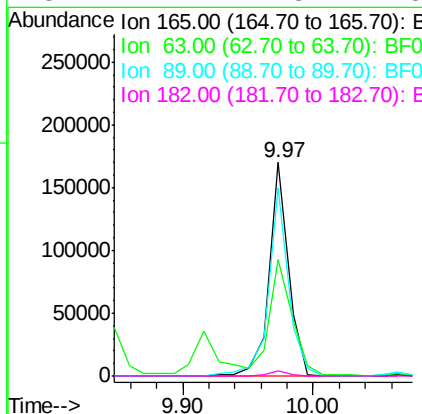
RT: 9.97 min Scan# 690

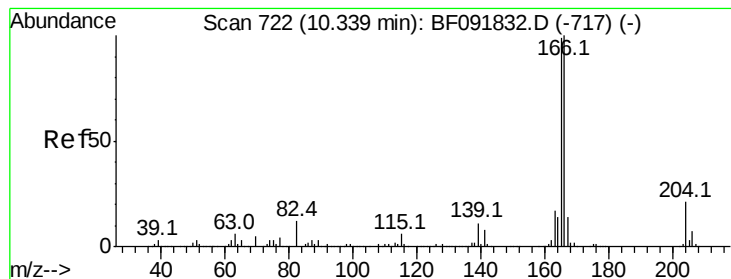
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	165	Resp:	177539
Ion Ratio	Lower	Upper	
165	100		
63	54.8	40.2	60.4
89	88.0	62.5	93.7
182	2.1	1.8	2.8





#57

Fluorene

Concen: 17.28 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

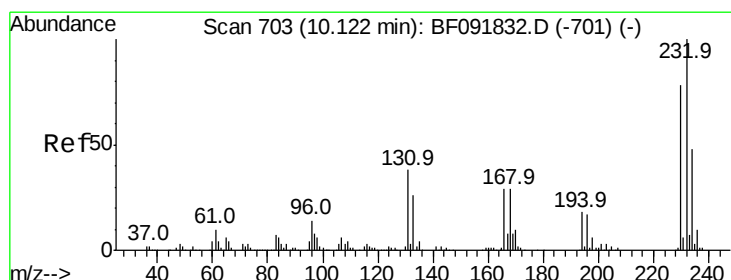
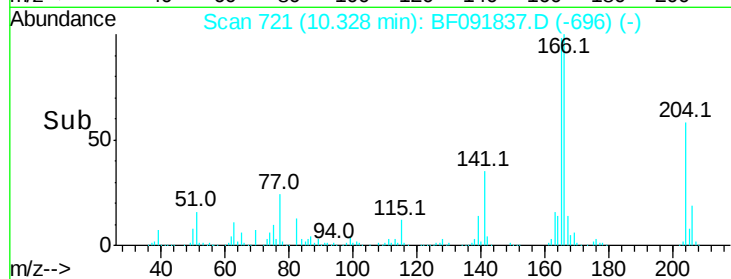
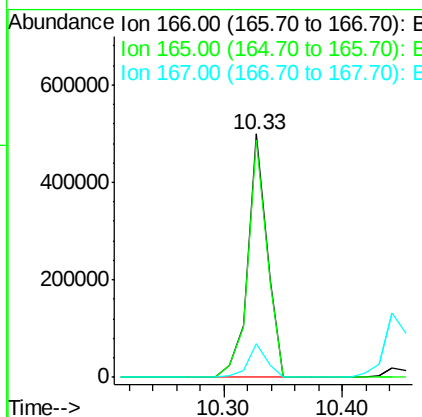
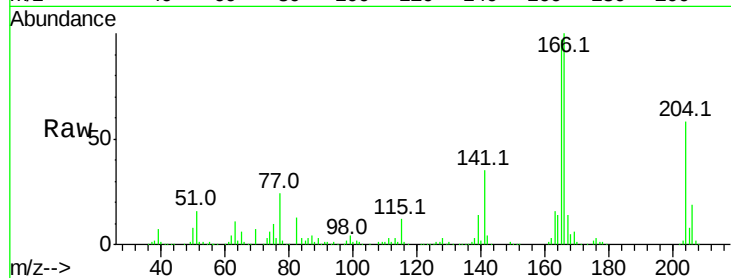
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	166	Resp:	569474
Ion Ratio	Lower	Upper	
166	100		
165	97.4	77.8	116.8
167	13.9	10.8	16.2

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#58

2,3,4,6-Tetrachlorophenol

Concen: 15.73 ng

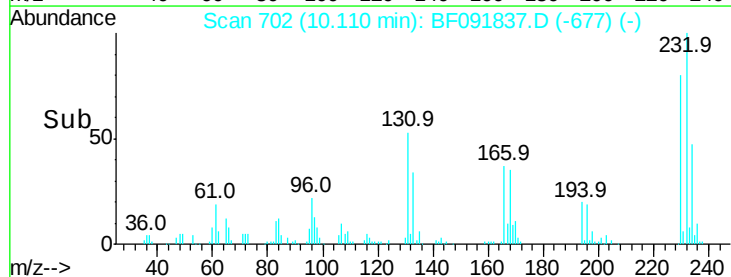
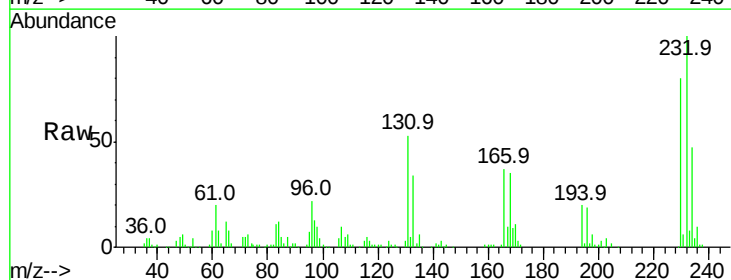
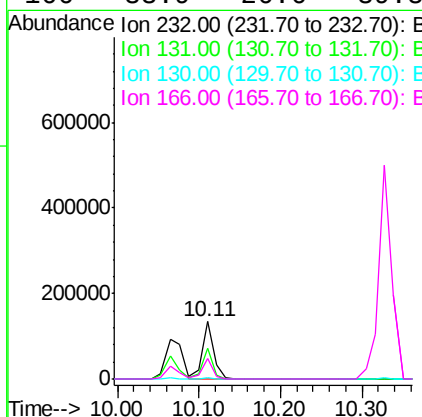
RT: 10.11 min Scan# 702

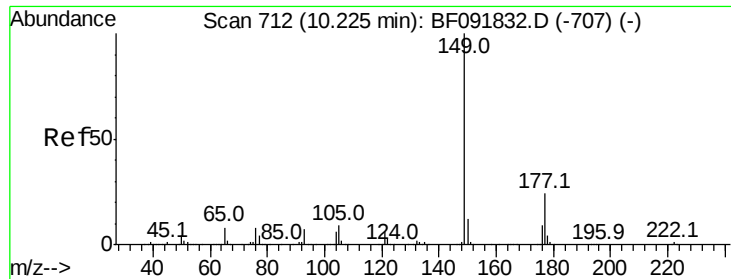
Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	232	Resp:	134220
Ion Ratio	Lower	Upper	
232	100		
131	48.8	40.1	60.1
130	2.4	1.8	2.8
166	33.9	26.6	39.8





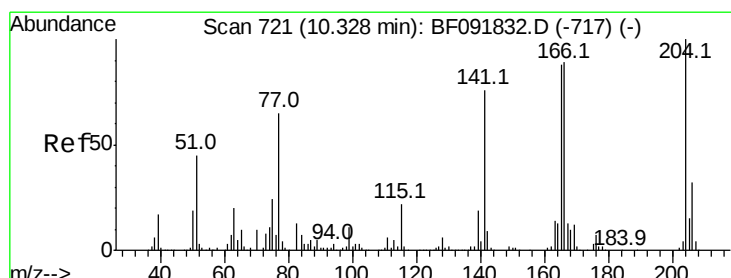
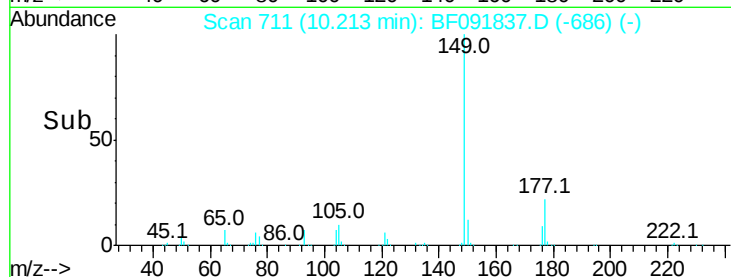
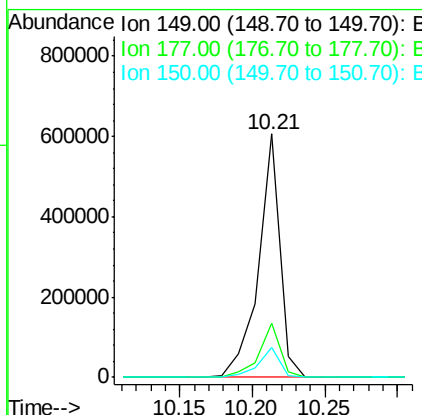
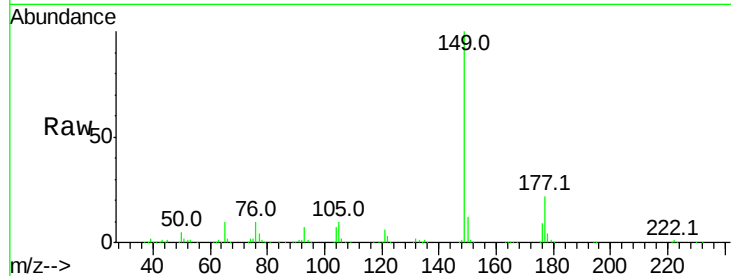
#59
Diethylphthalate
Concen: 16.86 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.0	16.6	25.0
150	12.4	10.4	15.6

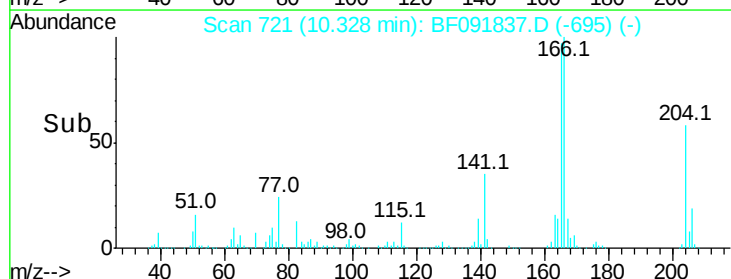
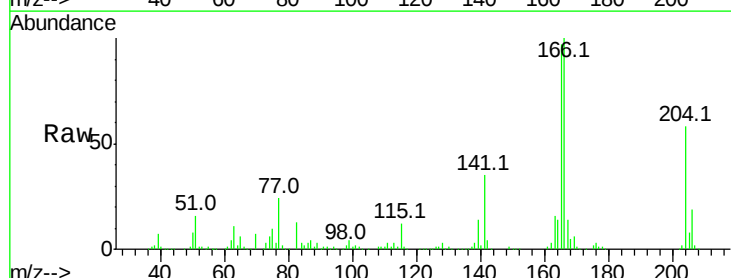
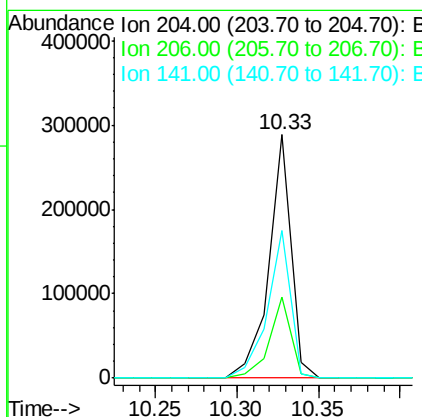
Manual Integrations
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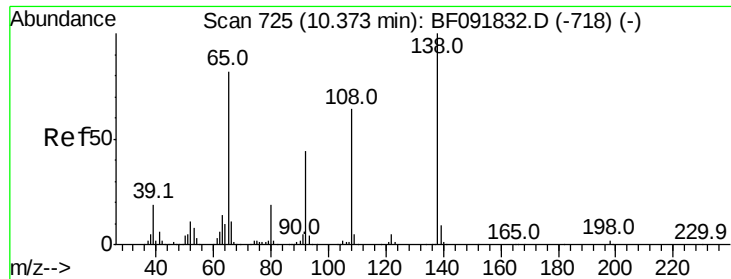
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#60
4-Chlorophenyl-phenylether
Concen: 19.04 ng
RT: 10.33 min Scan# 721
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	25.8	38.6
141	60.5	59.4	89.0





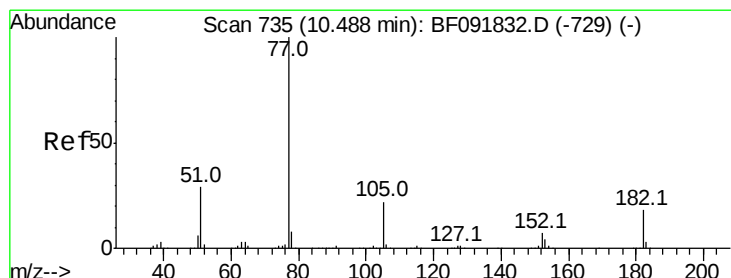
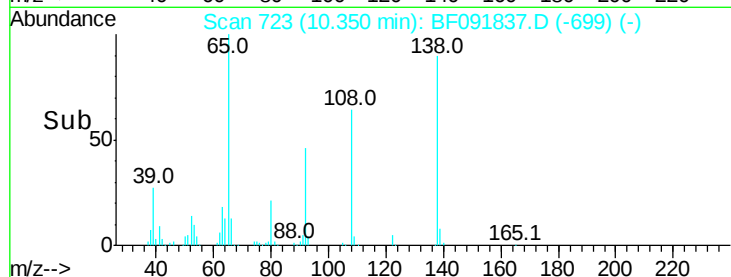
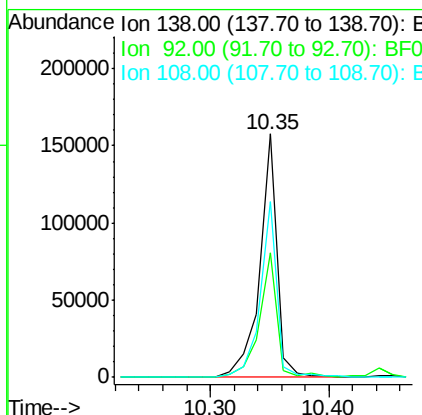
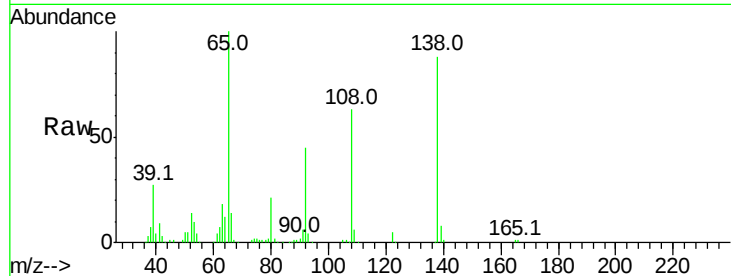
#61
4-Nitroaniline
Concen: 15.18 ng
RT: 10.35 min Scan# 723
Delta R.T. -0.02 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
138	100		
92	51.1	31.7	71.7
108	72.0	52.6	92.6

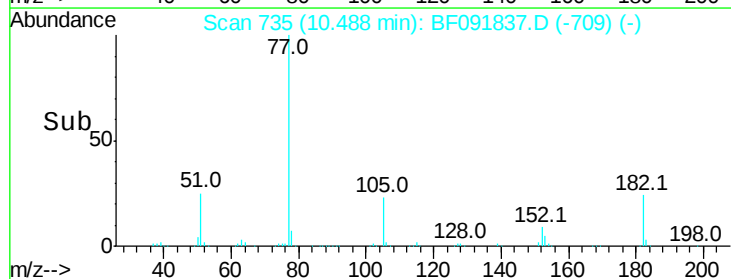
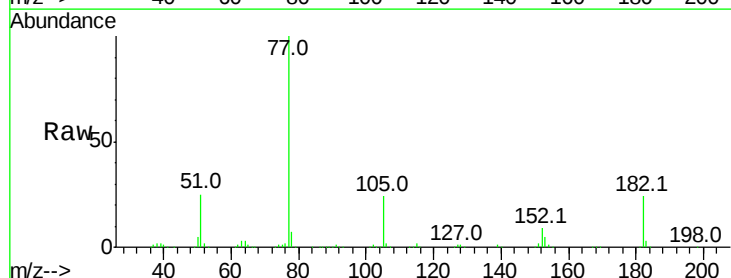
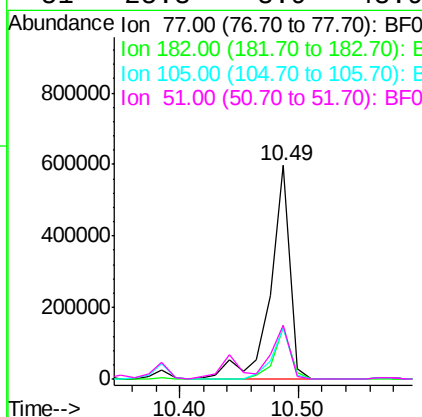
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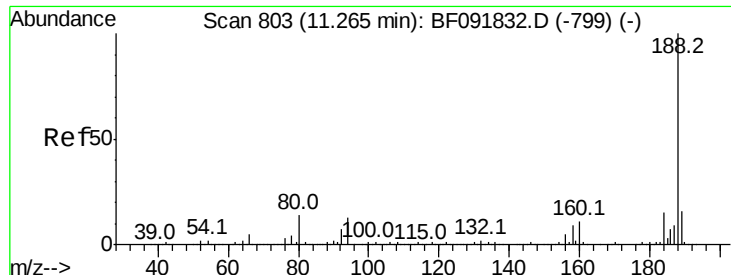
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#62
Azobenzene
Concen: 17.00 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.1	0.0	39.3
105	24.1	2.3	42.3
51	25.3	8.9	48.9





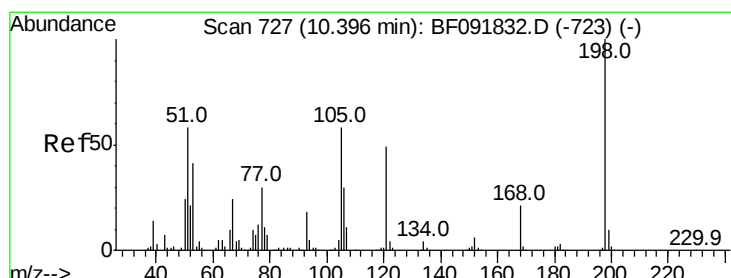
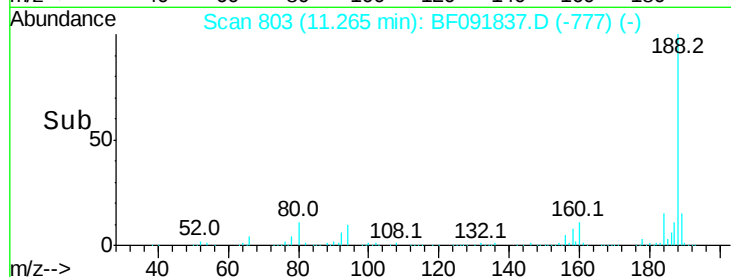
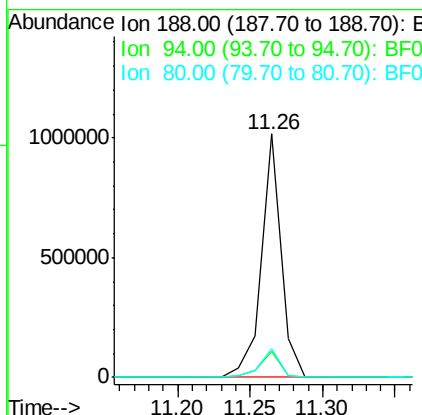
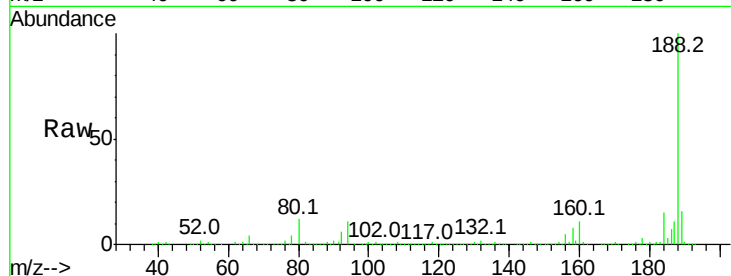
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6	10.0	15.0	
80	11.6	11.2	16.8	

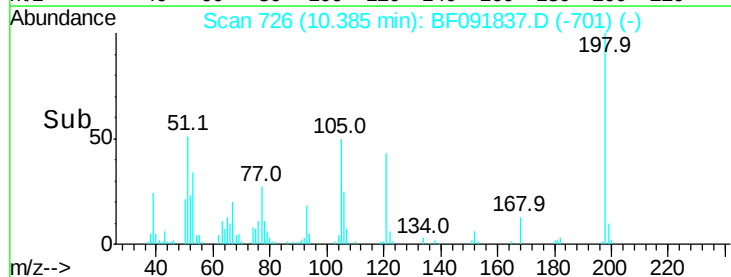
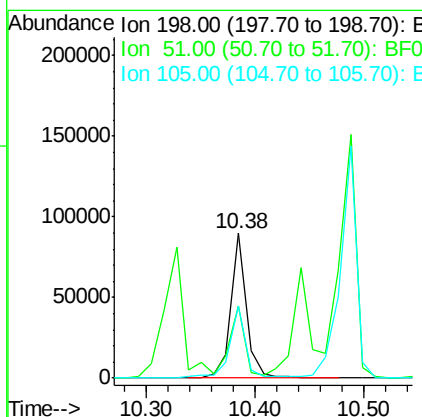
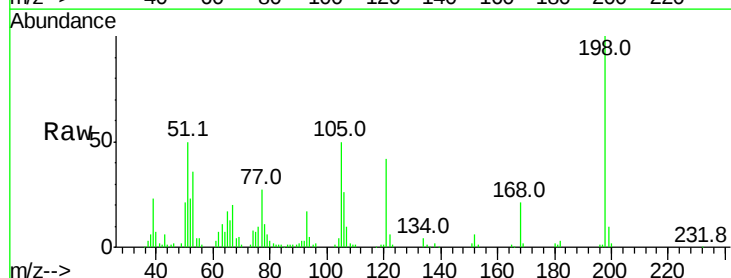
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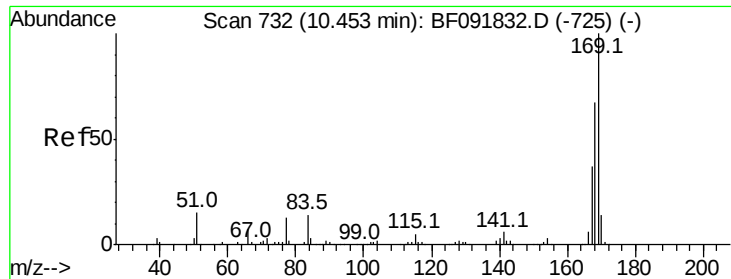
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#64
4,6-Dinitro-2-methylphenol
Concen: 15.45 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	50.0	6.7	46.7#	
105	49.8	16.6	56.6	





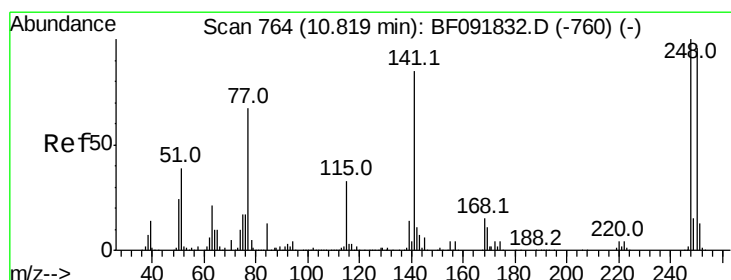
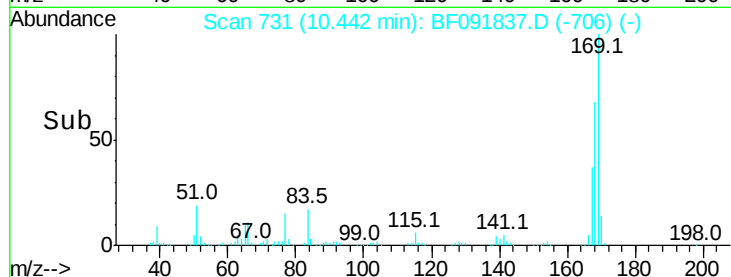
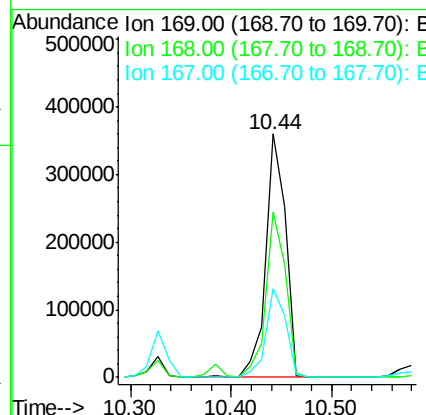
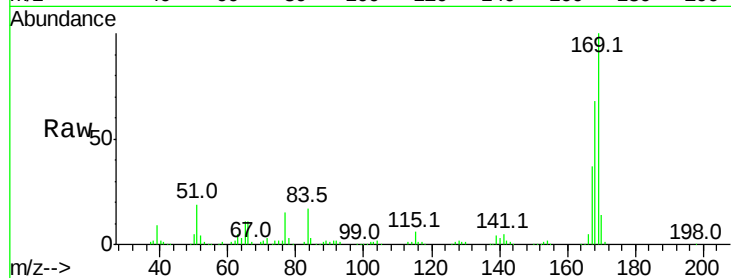
#65
n-Nitrosodiphenylamine
Concen: 17.31 ng
RT: 10.44 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
169	100	492285		
168	67.8	54.2	81.2	
167	36.5	30.2	45.4	

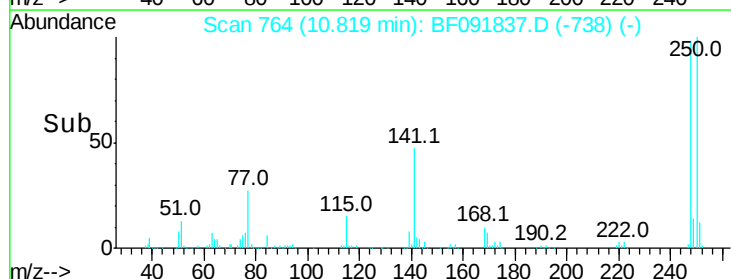
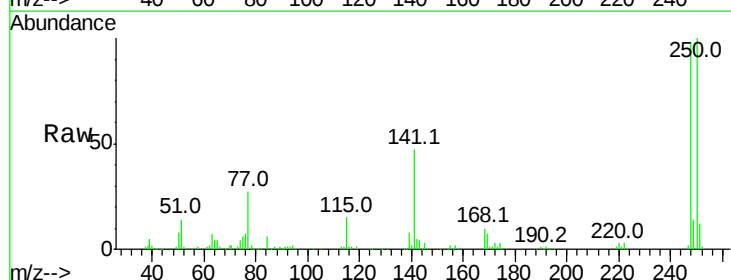
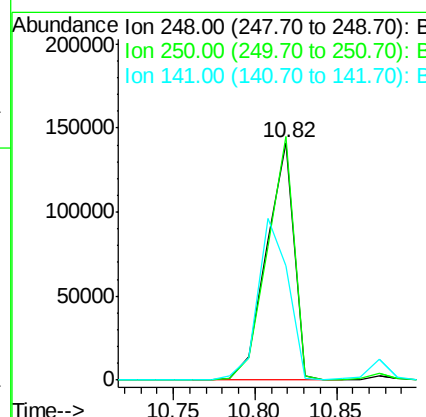
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#66
4-Bromophenyl-phenylether
Concen: 16.72 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	166714		
250	102.4	76.9	115.3	
141	48.1	68.2	102.4	





#67

Hexachlorobenzene

Concen: 16.10 ng

RT: 10.88 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

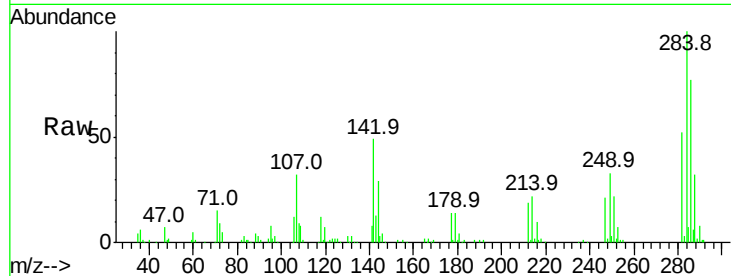
ClientSampleId :

LOQ-WATER-06-QT1-2017

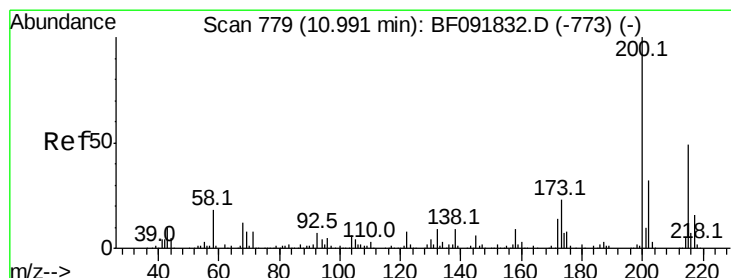
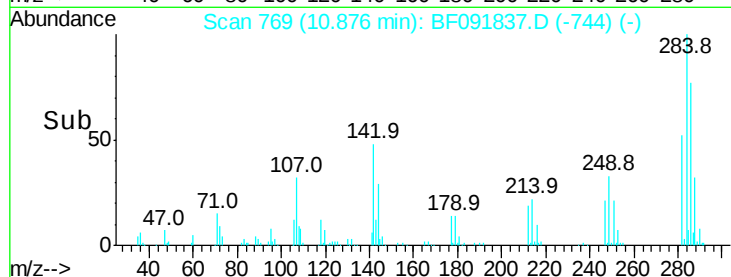
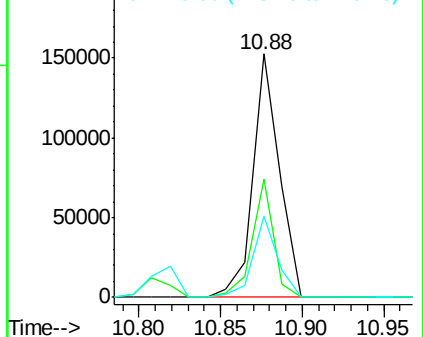
Tot Ion:	284	Resp:	171564
Ion Ratio	Lower	Upper	
284	100		
142	48.7	22.6	33.8#
249	33.4	25.4	38.0

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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: 13.31 ng

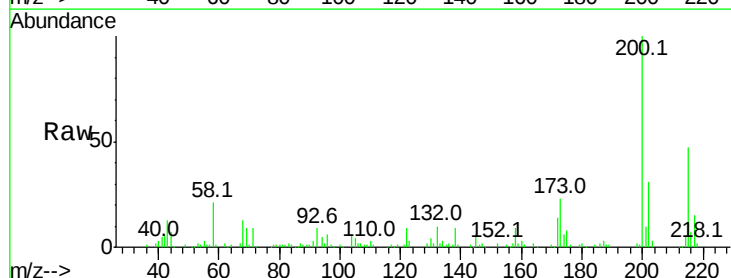
RT: 10.98 min Scan# 778

Delta R.T. -0.01 min

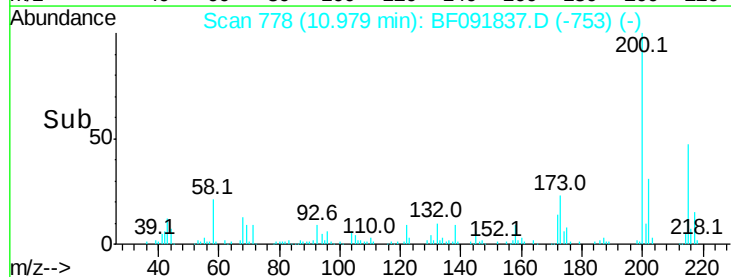
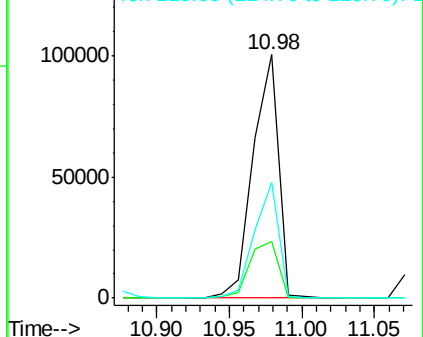
Lab File: BF091837.D

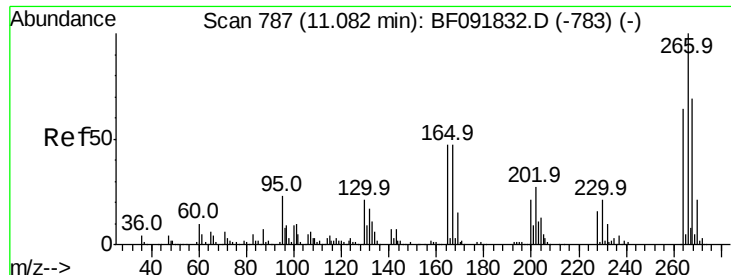
Acq: 21 Dec 2016 17:00

Tgt Ion:	200	Resp:	122097
Ion Ratio	Lower	Upper	
200	100		
173	23.4	9.6	49.6
215	47.3	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





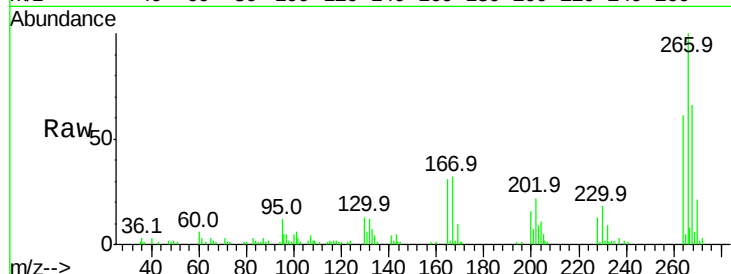
#69
 Pentachlorophenol
 Concen: 13.64 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

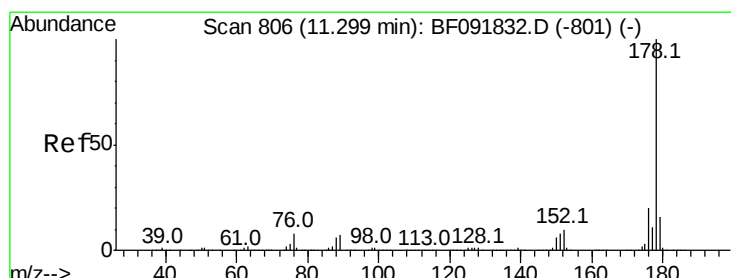
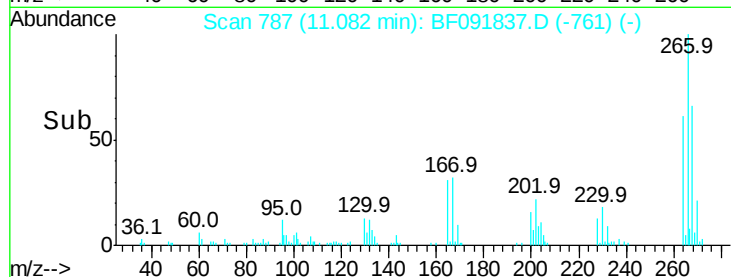
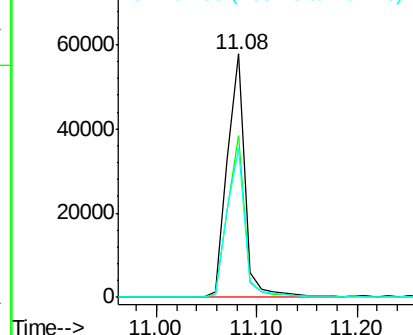
Tot Ion	Ratio	Lower	Upper
266	100		
268	66.3	53.3	79.9
264	61.3	50.3	75.5

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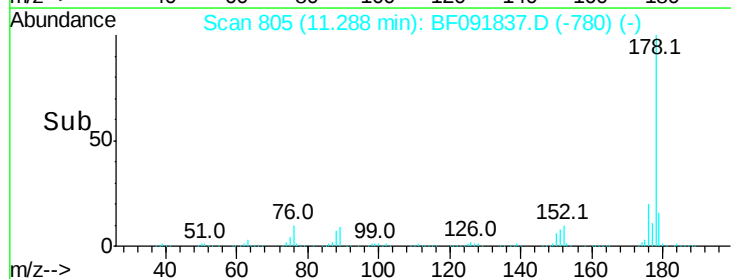
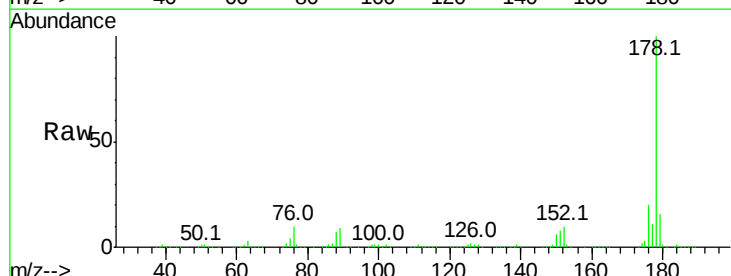
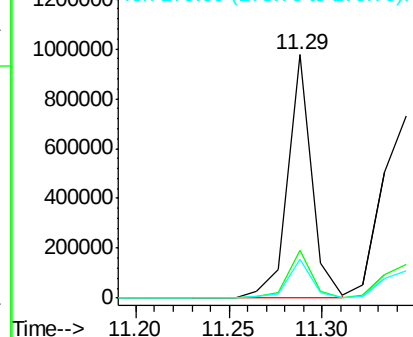
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

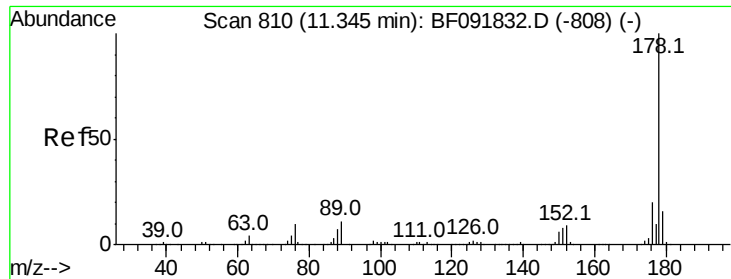


#70
 Phenanthrene
 Concen: 16.82 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.6	25.0
179	16.0	12.8	19.2

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





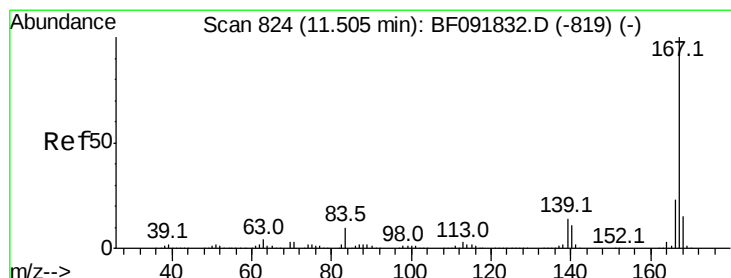
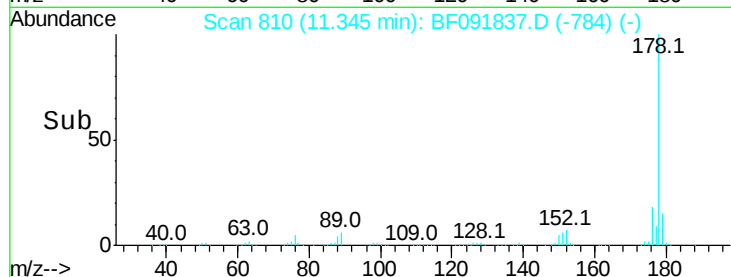
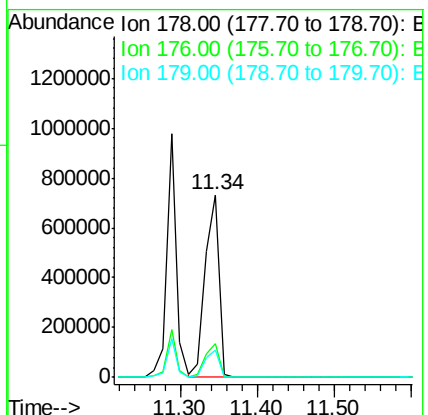
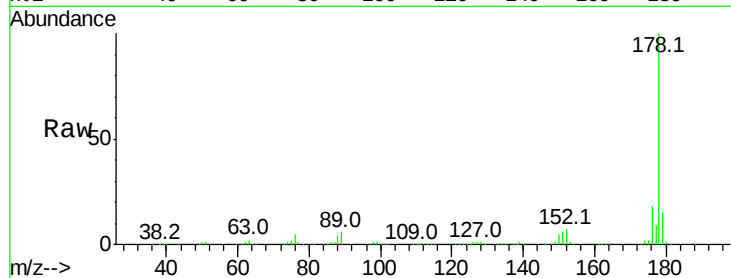
#71
 Anthracene
 Concen: 15.70 ng
 RT: 11.34 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.9	23.9
179	14.9	13.2	19.8

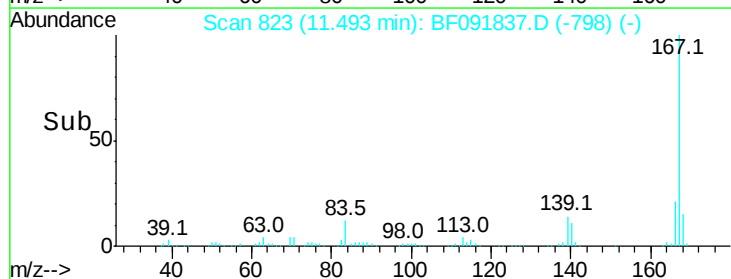
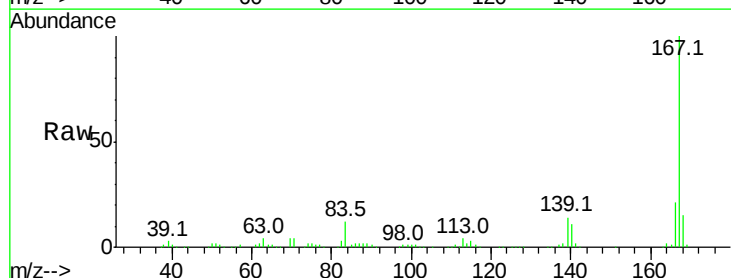
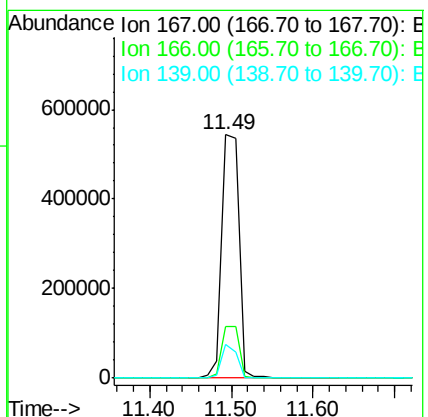
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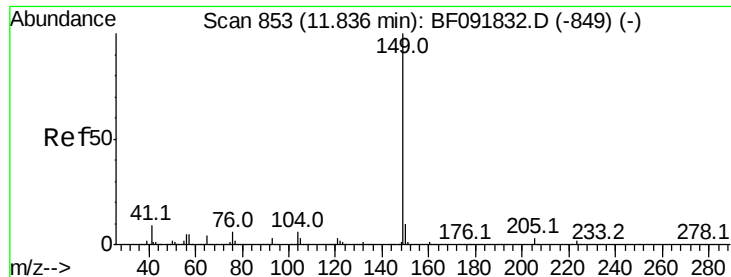
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#72
 Carbazole
 Concen: 14.27 ng
 RT: 11.49 min Scan# 823
 Delta R.T. -0.01 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	18.2	27.2
139	14.0	11.4	17.2





#73

Di-n-butylphthalate

Concen: 17.11 ng

RT: 11.84 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

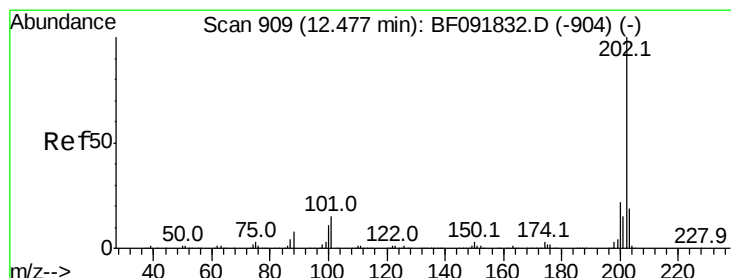
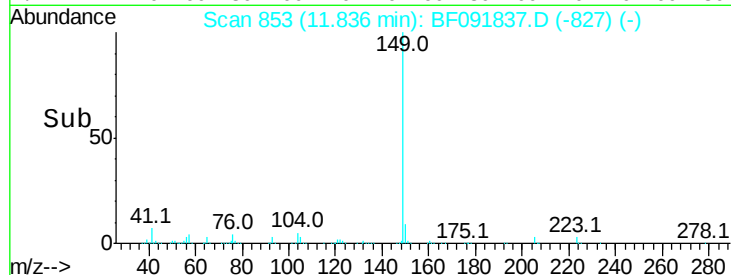
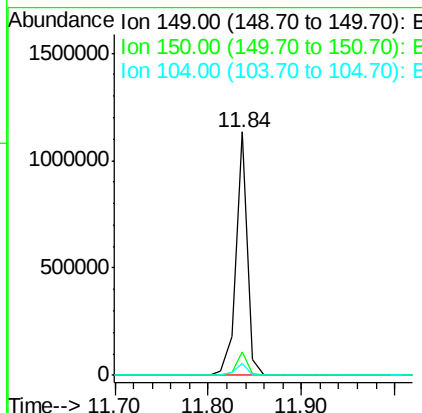
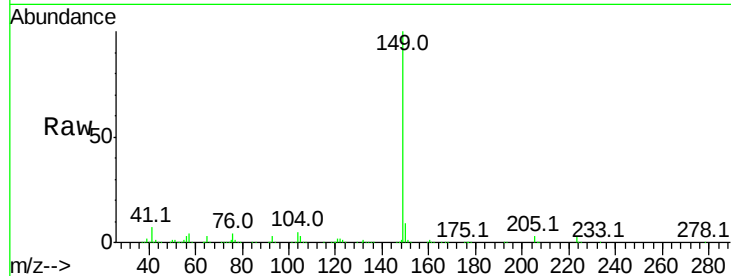
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	149	Resp:	967777
Ion Ratio	Lower	Upper	
149	100		
150	9.4	8.1	12.1
104	4.9	4.6	7.0

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#74

Fluoranthene

Concen: 18.04 ng

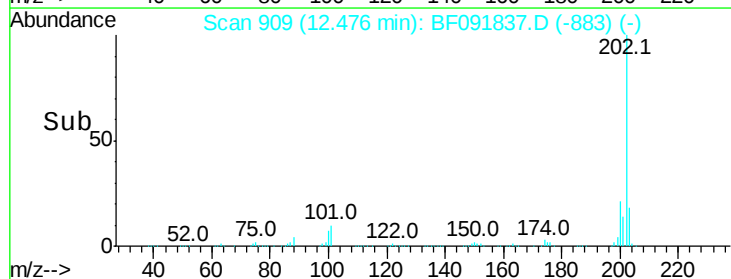
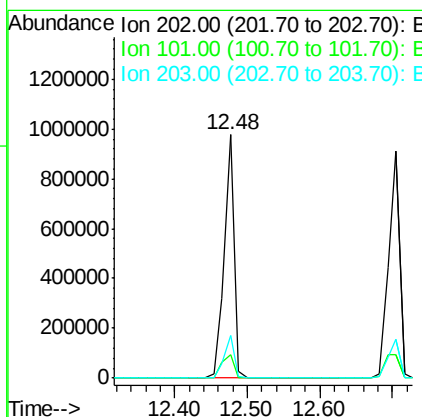
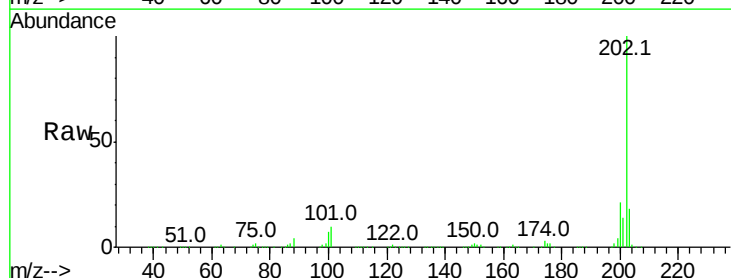
RT: 12.48 min Scan# 909

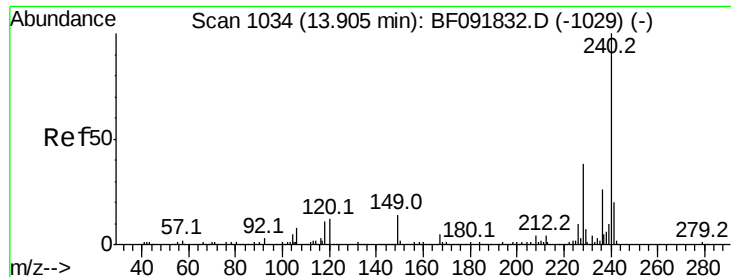
Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	202	Resp:	927212
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	34.6
203	17.7	0.0	38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1034

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

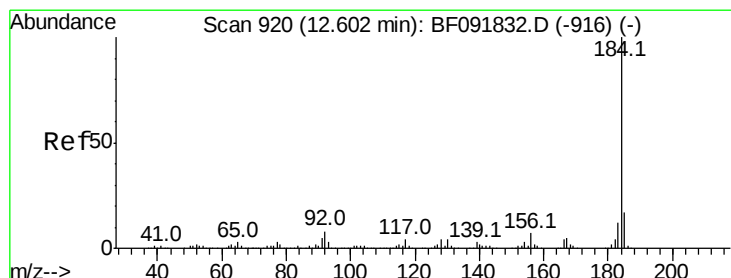
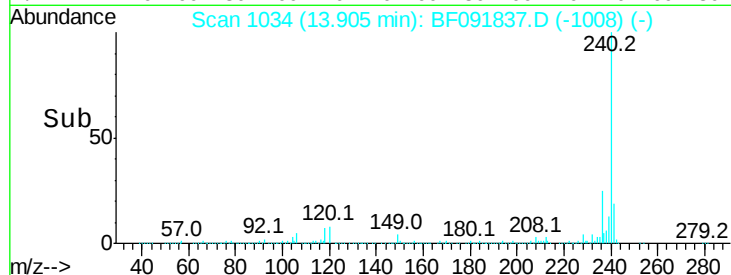
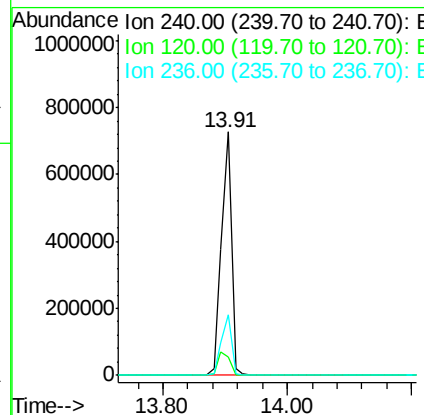
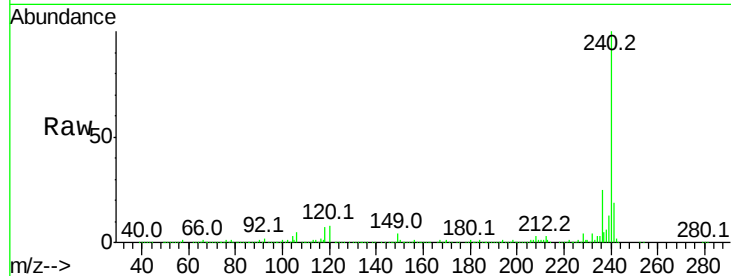
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	12.9	19.3#
236	25.1	20.9	31.3

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#76

Benzidine

Concen: 7.50 ng

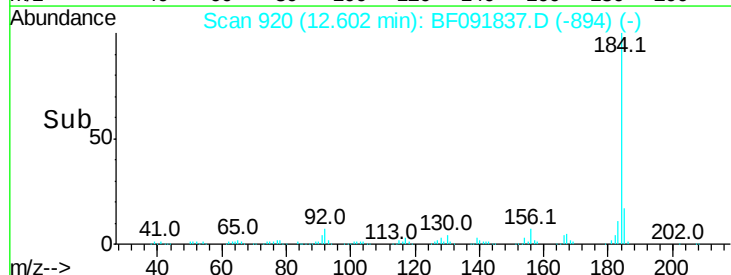
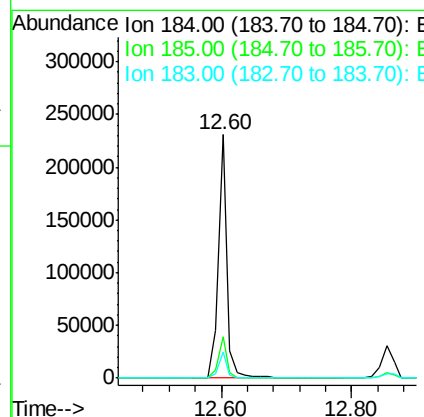
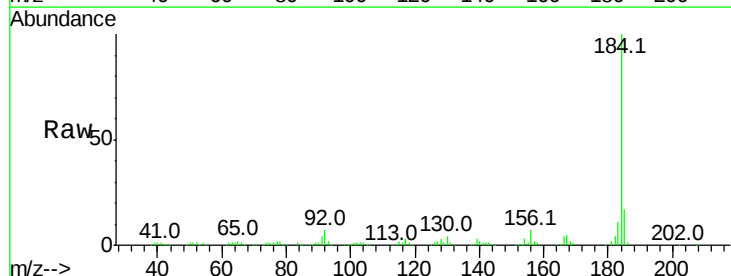
RT: 12.60 min Scan# 920

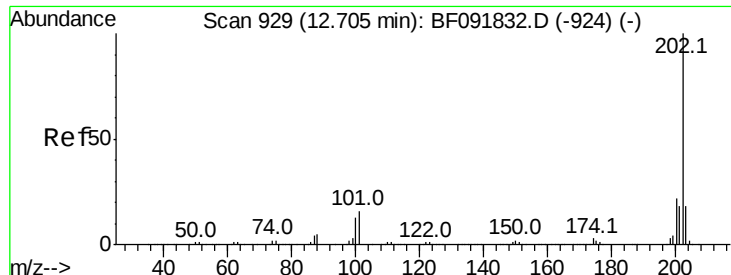
Delta R.T. 0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
184	100		
185	17.0	13.4	20.0
183	10.7	9.2	13.8





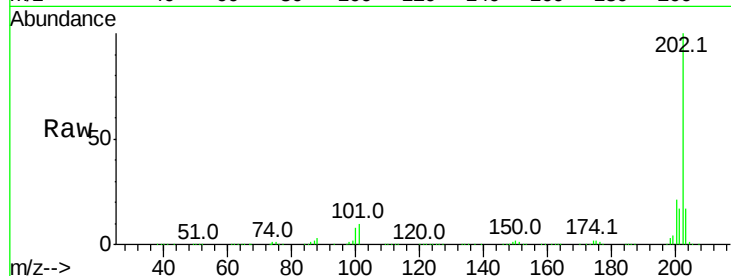
#77
Pvrene
Concen: 16.49 ng
RT: 12.70 min Scan# 929
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.1	17.7	26.5
203	17.4	14.7	22.1

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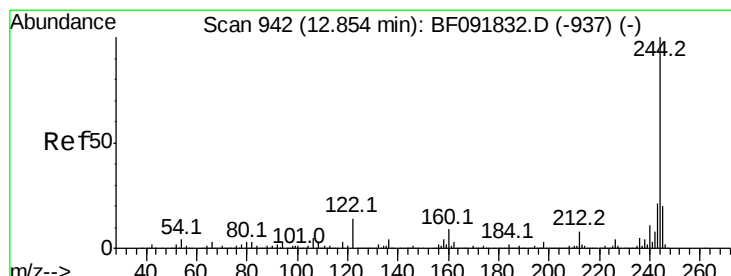
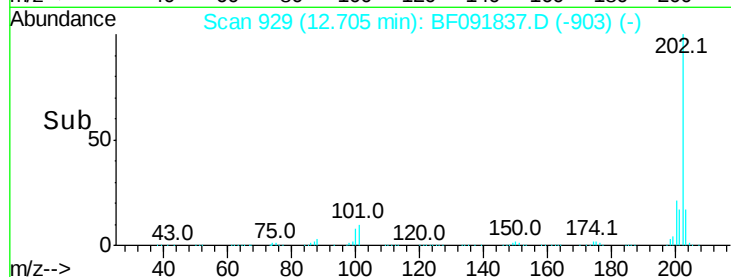
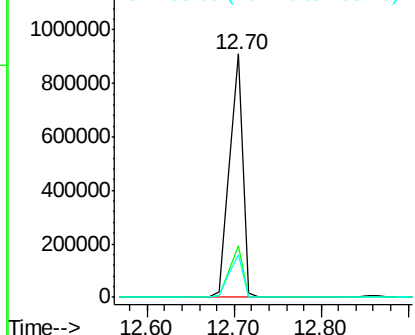


Abundance

Ion 202.00 (201.70 to 202.70): E

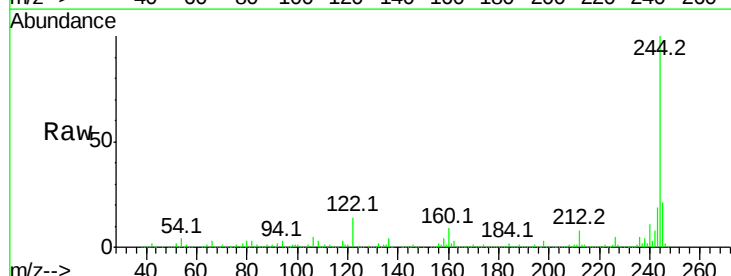
Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78
Terphenyl-d14
Concen: 87.49 ng
RT: 12.85 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.2	9.2
122	14.4	11.4	17.2

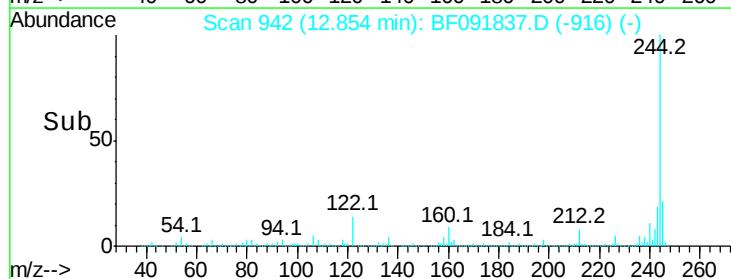
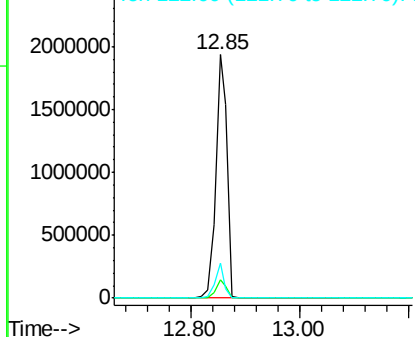


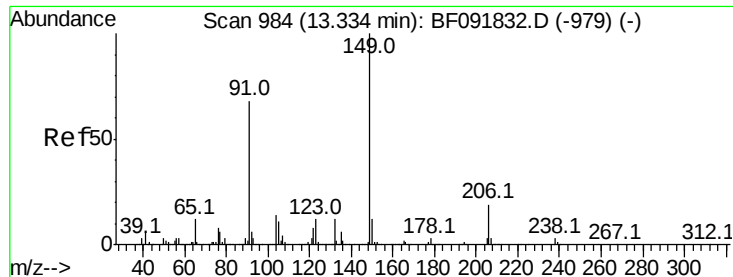
Abundance

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: 15.34 ng

RT: 13.33 min Scan# 984

Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

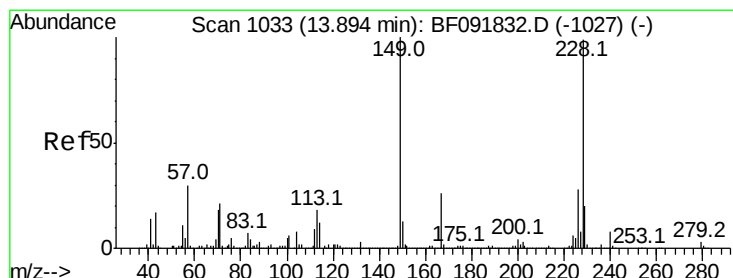
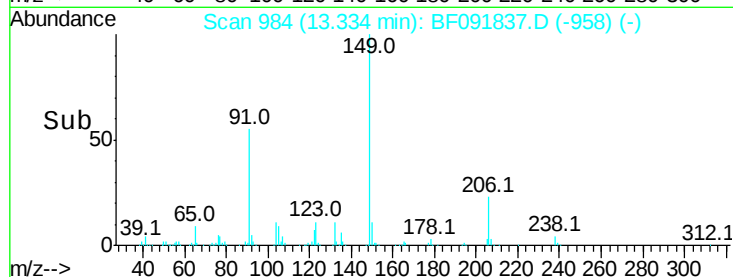
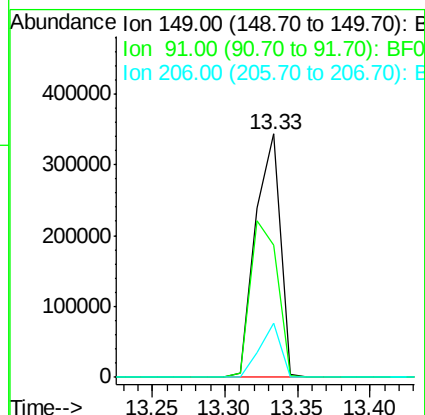
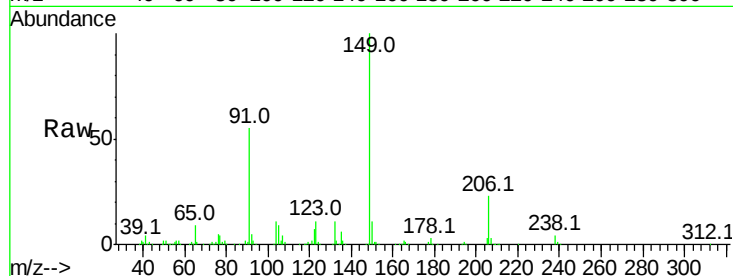
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Resp	Lower	Upper
149	100	406585		
91	54.6	63.9	95.9#	
206	22.5	14.6	21.8#	

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#80

Benzo(a)anthracene

Concen: 16.41 ng

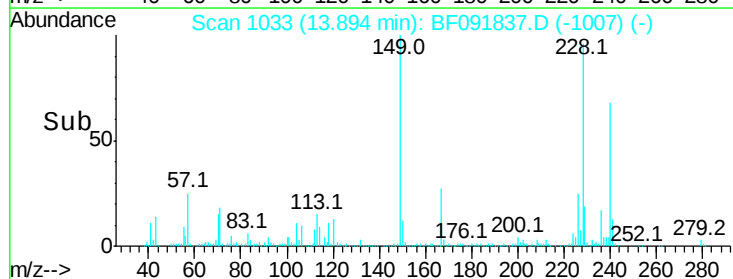
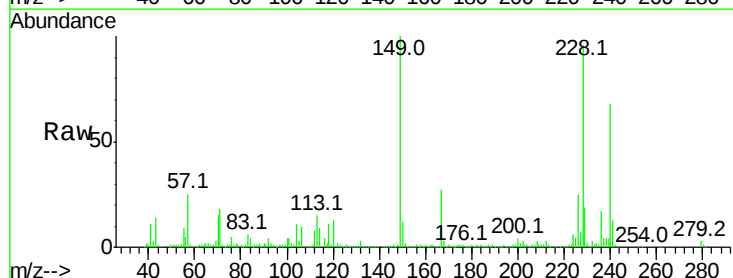
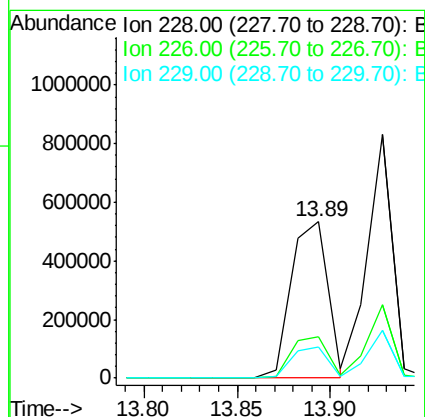
RT: 13.89 min Scan# 1033

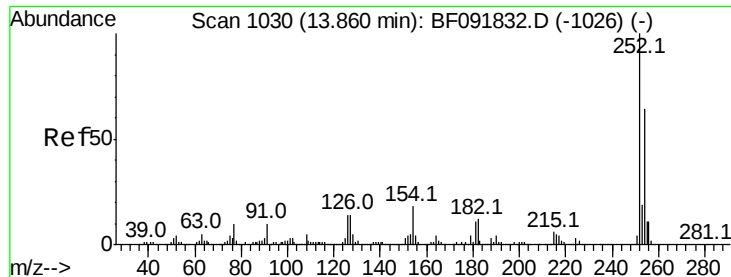
Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	735647		
226	26.5	22.4	33.6	
229	19.7	16.2	24.4	





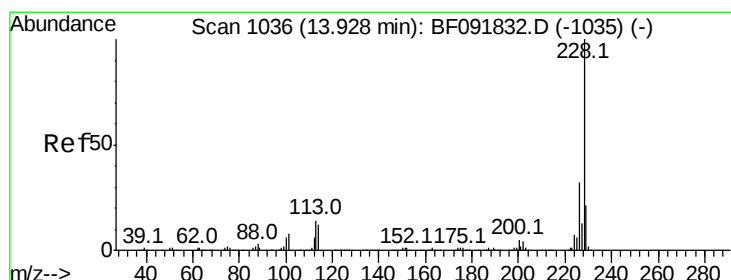
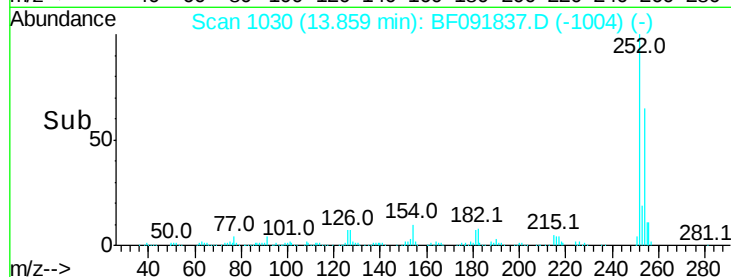
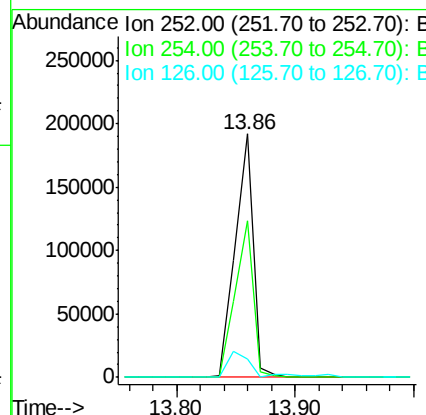
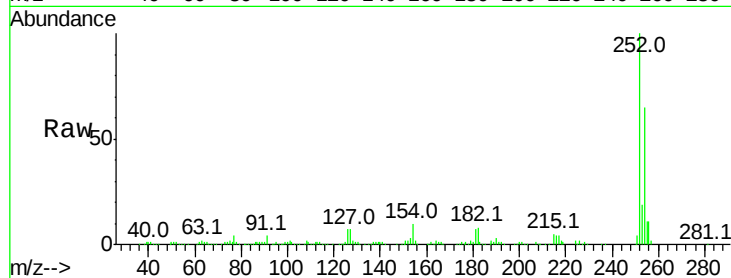
#81
 3,3'-Dichlorobenzidine
 Concen: 12.05 ng
 RT: 13.86 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.3	78.5
126	7.4	13.6	20.4

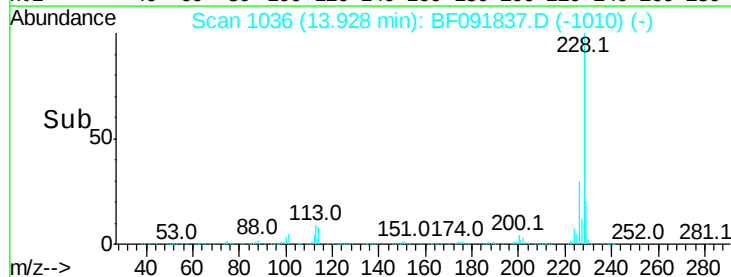
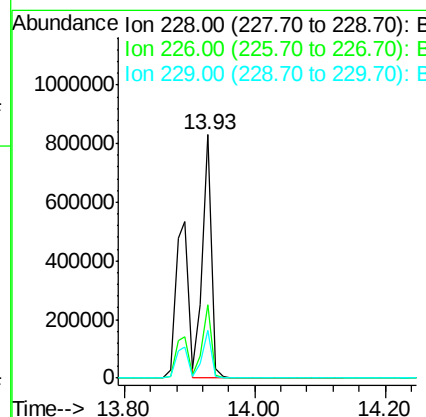
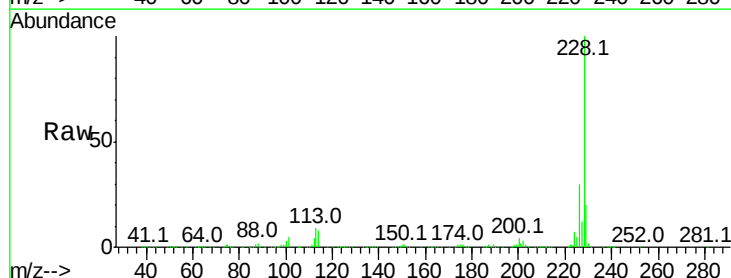
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#82
 Chrysene
 Concen: 17.19 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.4	38.0
229	19.6	16.2	24.2





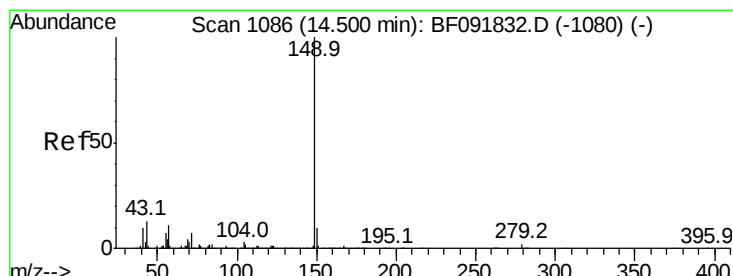
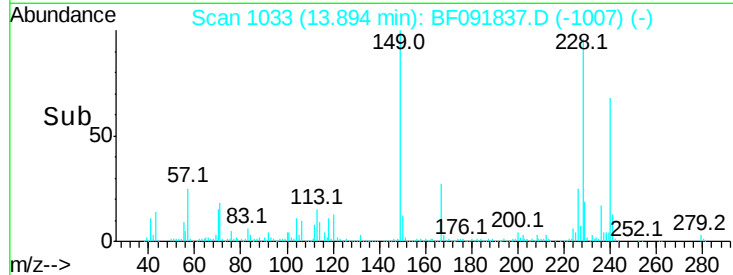
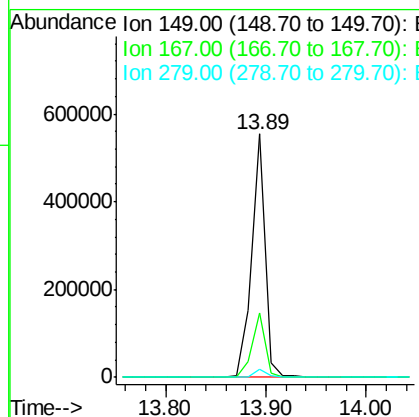
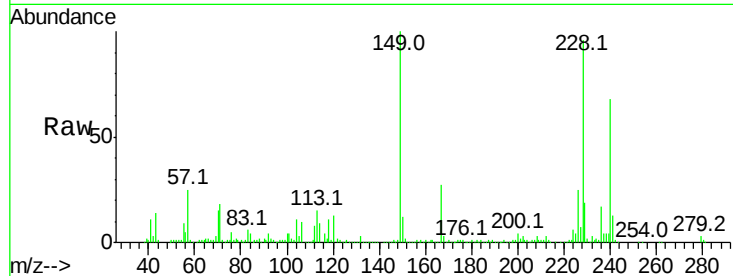
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.48 ng
 RT: 13.89 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion:	149	Resp:	514316
Ion Ratio		Lower	Upper
149	100		
167	26.6	20.2	30.4
279	3.3	1.8	2.8#

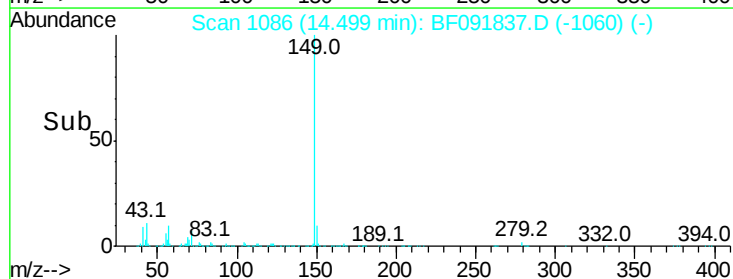
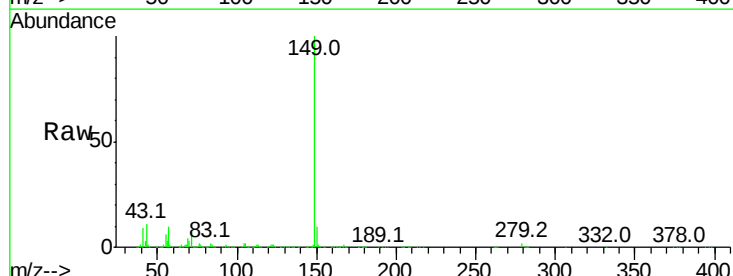
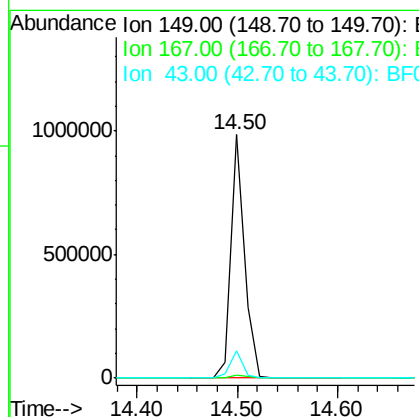
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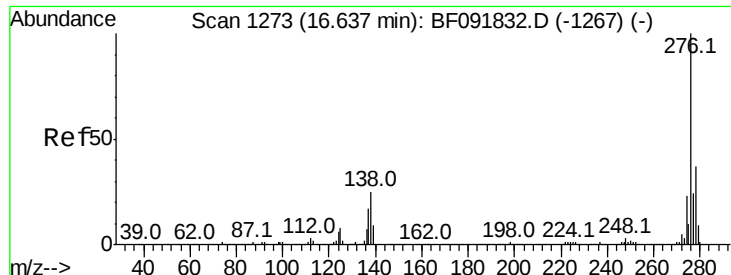
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#84
 Di-n-octyl phthalate
 Concen: 16.03 ng
 RT: 14.50 min Scan# 1086
 Delta R.T. -0.00 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Tgt Ion:	149	Resp:	926633
Ion Ratio		Lower	Upper
149	100		
167	1.5	1.3	1.9
43	10.9	8.9	13.3





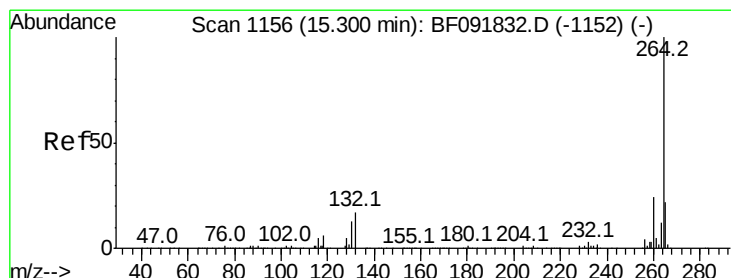
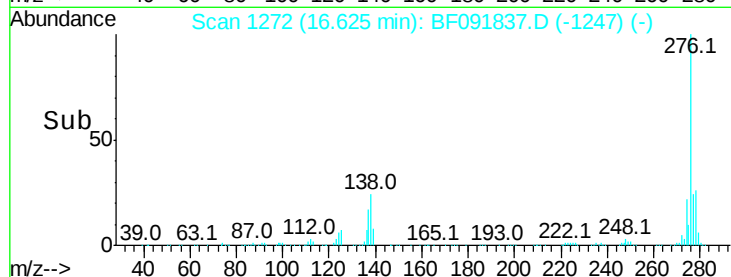
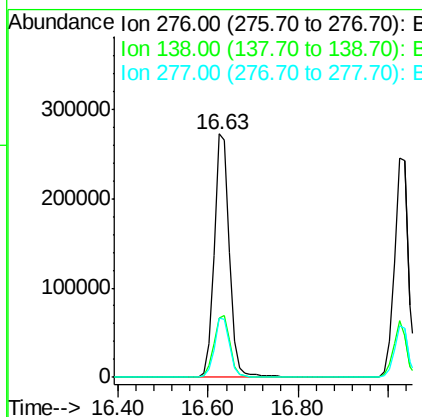
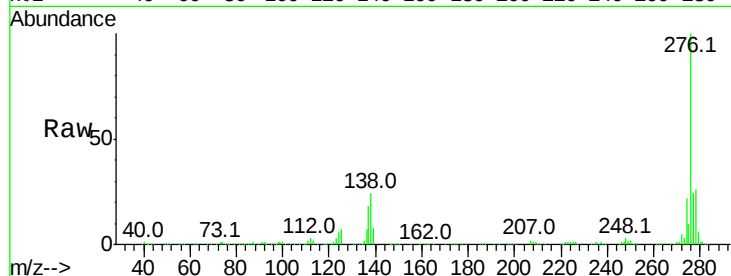
#85
Indeno(1,2,3-cd)pyrene
Concen: 16.50 ng
RT: 16.63 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	21.8	32.6
277	24.6	20.2	30.4

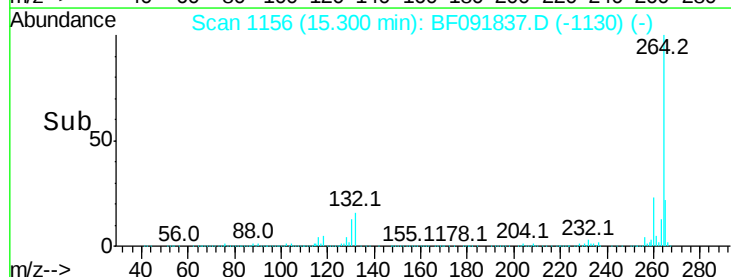
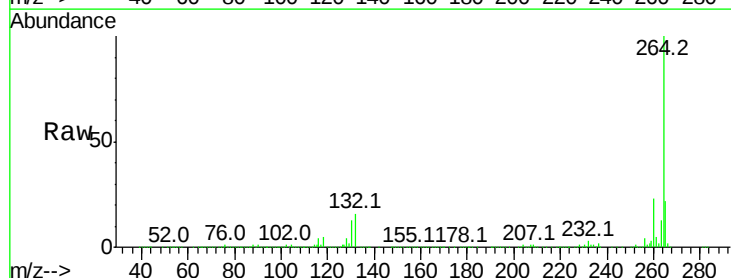
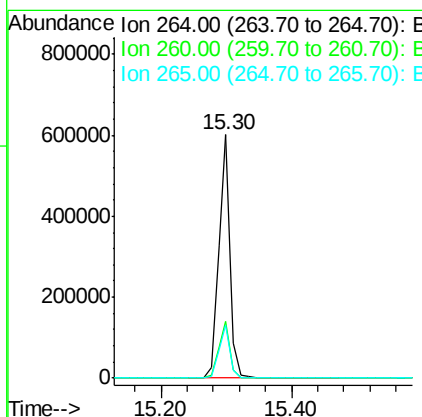
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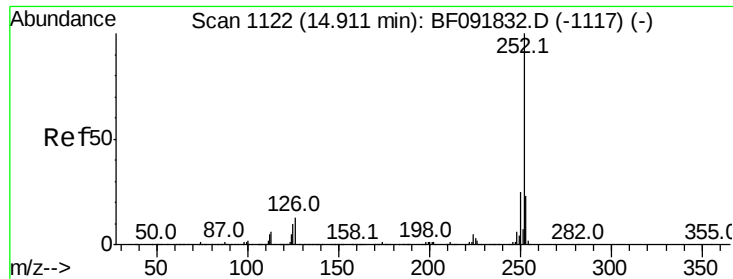
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#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.7	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 14.88 ng m

RT: 14.90 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Instrument :

BNA_F

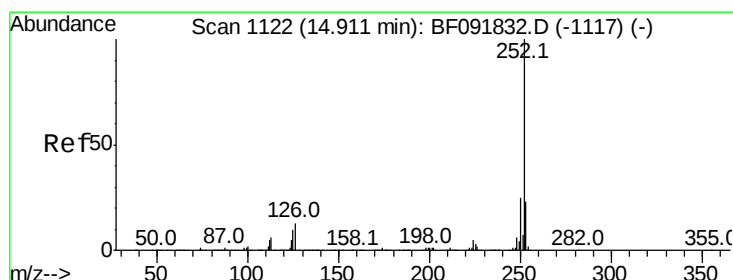
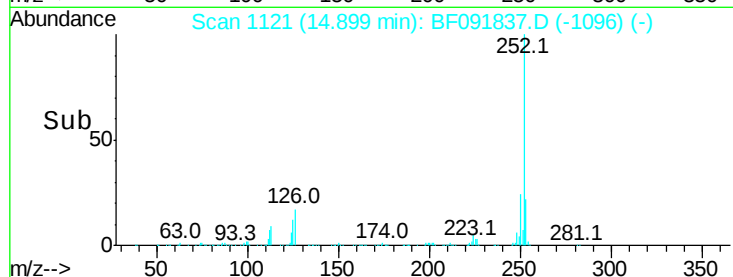
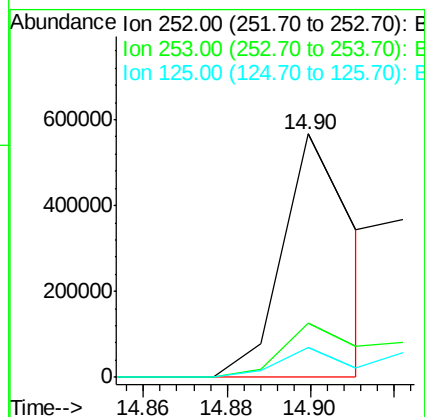
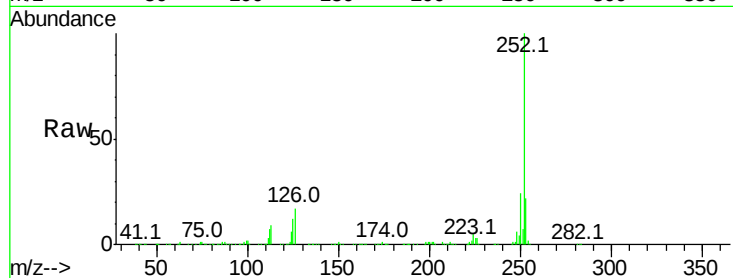
ClientSampleId :

LOQ-WATER-06-QT1-2017

Tot Ion:	252	Resp:	678700
Ion Ratio	Lower	Upper	
252	100		
253	22.3	18.2	27.4
125	12.4	9.8	14.6

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#88

Benzo(k)fluoranthene

Concen: 18.59 ng m

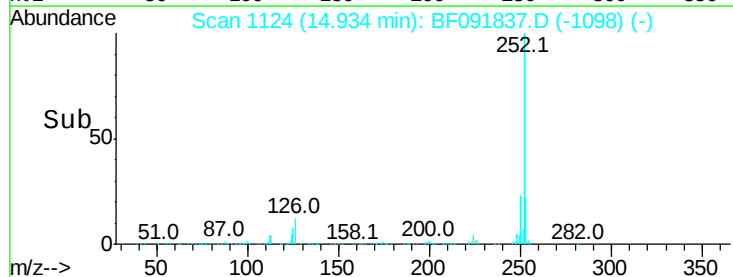
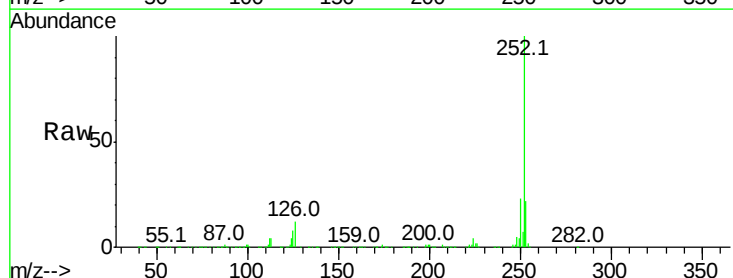
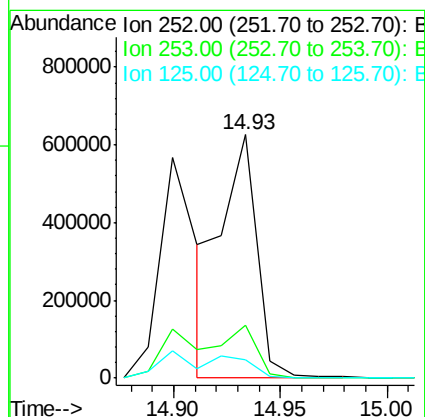
RT: 14.93 min Scan# 1124

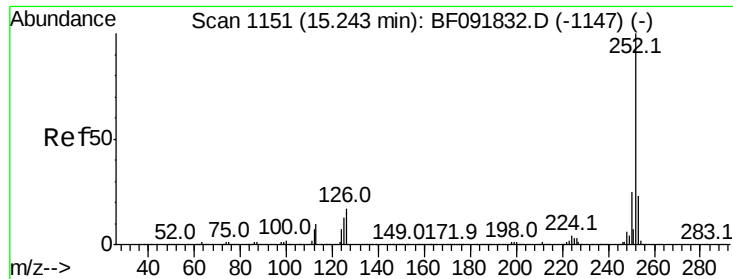
Delta R.T. -0.00 min

Lab File: BF091837.D

Acq: 21 Dec 2016 17:00

Tgt Ion:	252	Resp:	723381
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.5	27.7
125	7.7	8.9	13.3#





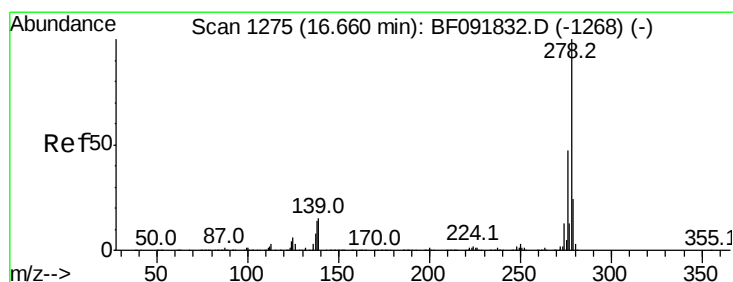
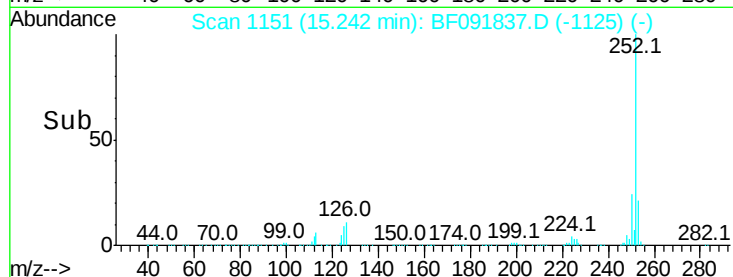
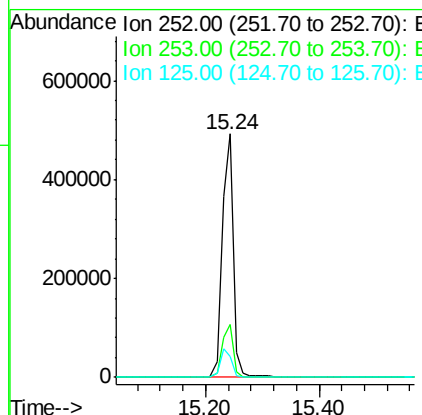
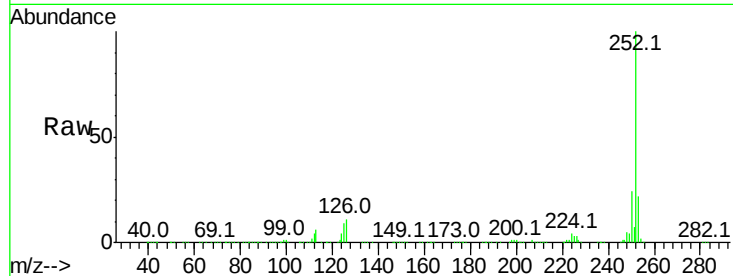
#89
Benzo(a)pyrene
Concen: 16.40 ng
RT: 15.24 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-06-QT1-2017

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.2
125	8.5	10.0	15.0

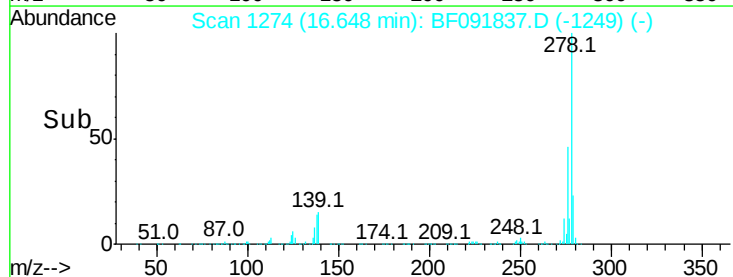
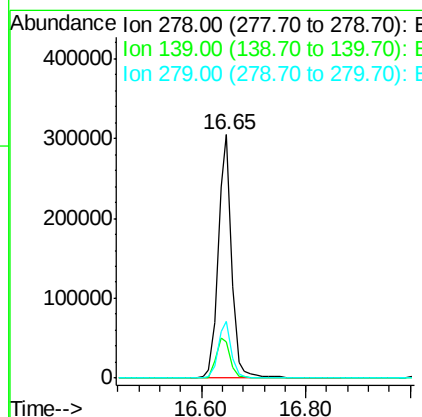
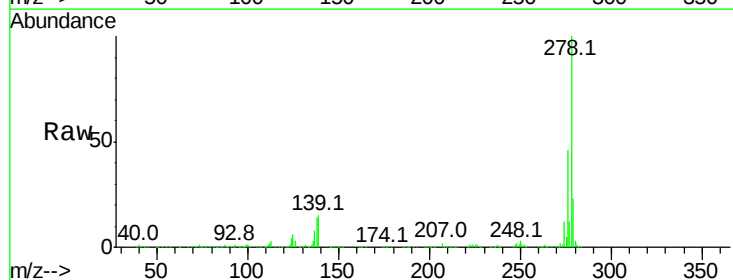
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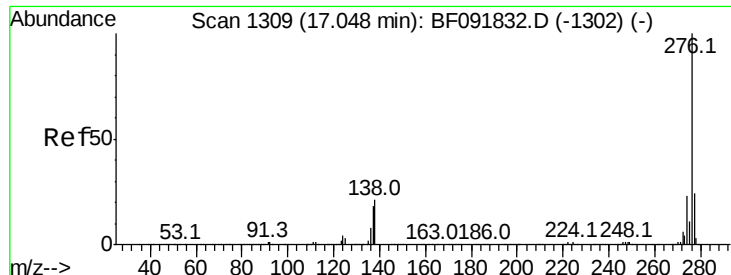
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#90
Dibenzo(a,h)anthracene
Concen: 16.36 ng
RT: 16.65 min Scan# 1274
Delta R.T. -0.01 min
Lab File: BF091837.D
Acq: 21 Dec 2016 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.1	14.8	22.2
279	23.4	19.8	29.6





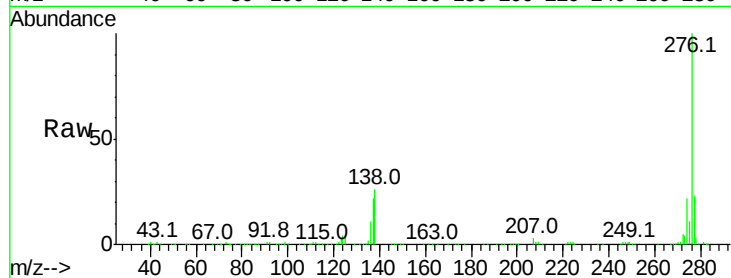
#91
 Benzo(a,h,i)perylene
 Concen: 15.69 ng
 RT: 17.03 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF091837.D
 Acq: 21 Dec 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-06-QT1-2017

Tot Ion:	276	Resp:	542916
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.2	28.8
138	26.0	16.0	24.0

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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

