

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101315\
 Data File : BG019178.D
 Acq On : 13 Oct 2015 4:04
 Operator : UM/NP
 Sample : G3707-06
 Misc : L00 20 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Manual Integrations
 APPROVED

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 10/13/2015 1:26:54 PM

Quant Time: Oct 13 05:19:33 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 13 03:45:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	16791	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	78417	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	56747	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	146936	20.00	ng	0.00
75) Chrysene-d12	21.68	240	179309	20.00	ng	0.00
86) Perylene-d12	24.91	264	177641	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	102189	123.91	ng	0.00
7) Phenol-d6	7.20	99	159519	125.91	ng	0.00
23) Nitrobenzene-d5	9.19	82	109258	76.98	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	93022	120.29	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	273947	74.23	ng	0.00
78) Terphenyl-d14	20.02	244	505390	74.45	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.51	88	3961	11.42	ng	90
3) Pyridine	3.90	79	11651	10.99	ng	91
4) n-Nitrosodimethylamine	3.82	42	8591	14.29	ng	91
6) Aniline	7.36	93	16412	9.57	ng	93
8) 2-Chlorophenol	7.60	128	16539	15.98	ng	93
9) Benzaldehyde	7.16	77	13748	17.23	ng	96
10) Phenol	7.23	94	22387	16.97	ng	96
11) bis(2-Chloroethyl)ether	7.45	93	14637	14.68	ng	97
12) 1,3-Dichlorobenzene	7.92	146	15352	13.59	ng	97
13) 1,4-Dichlorobenzene	8.07	146	16419	14.20	ng	98
14) 1,2-Dichlorobenzene	8.38	146	16654	14.89	ng	92
15) Benzyl Alcohol	8.27	79	17928	15.84	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.56	45	33465	15.67	ng	98
17) 2-Methylphenol	8.47	107	15442	16.39	ng	96
18) Hexachloroethane	9.11	117	6525	14.81	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	13765	13.69	ng	# 91
20) 3+4-Methylphenols	8.80	107	21694	15.99	ng	96
22) Acetophenone	8.86	105	26551	14.48	ng	# 98
24) Nitrobenzene	9.24	77	22279	14.80	ng	92
25) Isophorone	9.75	82	39301	13.61	ng	97
26) 2-Nitrophenol	9.94	139	8875	13.82	ng	93
27) 2,4-Dimethylphenol	10.01	122	16504	14.71	ng	95
28) bis(2-Chloroethoxy)methane	10.24	93	22253	14.45	ng	97
29) 2,4-Dichlorophenol	10.48	162	19240	16.36	ng	93
30) 1,2,4-Trichlorobenzene	10.70	180	17896	14.18	ng	94
31) Naphthalene	10.89	128	54845	14.53	ng	97
32) Benzoic acid	10.11	122	5478m	14.38	ng	
33) 4-Chloroaniline	10.99	127	16427	9.37	ng	# 95
34) Hexachlorobutadiene	11.18	225	13050	15.08	ng	95
35) Caprolactam	11.75	113	6361	14.68	ng	# 78
36) 4-Chloro-3-methylphenol	12.12	107	22789	15.24	ng	96
37) 2-Methylnaphthalene	12.49	142	43790	14.93	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	23472	14.39	ng	99
40) Hexachlorocyclopentadiene	12.84	237	11848	13.97	ng	95

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 LOQ-WATER2015-02

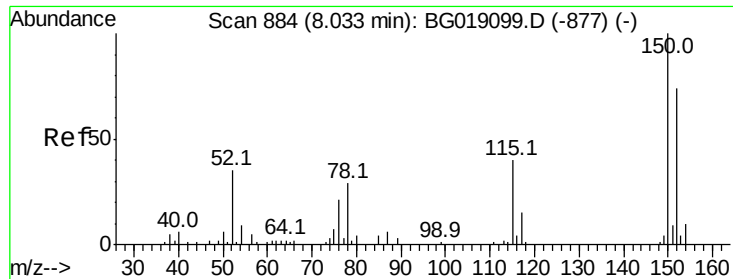
Manual Integrations
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Quant Time: Oct 13 05:19:33 2015
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	16509	14.54	nq	95
43) 2,4,5-Trichlorophenol	13.17	196	18537	15.36	nq	97
45) 1,1'-Biphenyl	13.49	154	58842	14.28	nq	99
46) 2-Chloronaphthalene	13.54	162	46856	14.78	nq	97
47) 2-Nitroaniline	13.74	65	18437	14.48	nq	98
48) Acenaphthylene	14.38	152	80987	14.48	nq	98
49) Dimethylphthalate	14.11	163	64306	14.35	nq	99
50) 2,6-Dinitrotoluene	14.23	165	13518	14.12	nq	# 82
51) Acenaphthene	14.72	154	49861	14.83	nq	98
52) 3-Nitroaniline	14.56	138	11838	11.21	nq	# 95
53) 2,4-Dinitrophenol	14.77	184	2796	8.72	nq	# 67
54) Dibenzofuran	15.06	168	77486	15.59	nq	98
55) 4-Nitrophenol	14.87	139	10062	12.58	nq	91
56) 2,4-Dinitrotoluene	15.01	165	20688	14.86	nq	99
57) Fluorene	15.71	166	65444	15.18	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.28	232	18253	15.98	nq	# 98
59) Diethylphthalate	15.47	149	67709	14.54	nq	97
60) 4-Chlorophenyl-phenylether	15.70	204	33414	15.21	nq	99
61) 4-Nitroaniline	15.72	138	15881	13.83	nq	97
62) Azobenzene	15.99	77	67843	15.71	nq	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	7799	9.72	nq	98
65) n-Nitrosodiphenylamine	15.91	169	58259	14.35	nq	96
66) 4-Bromophenyl-phenylether	16.59	248	22544	15.10	nq	93
67) Hexachlorobenzene	16.71	284	26353	15.03	nq	95
68) Atrazine	16.86	200	24169	14.45	nq	97
69) Pentachlorophenol	17.06	266	10105	11.05	nq	93
70) Phenanthrene	17.44	178	113172	14.97	nq	97
71) Anthracene	17.54	178	115534	15.27	nq	97
72) Carbazole	17.81	167	102372	14.46	nq	98
73) Di-n-butylphthalate	18.37	149	124104	14.31	nq	98
74) Fluoranthene	19.45	202	143355	14.73	nq	99
76) Benzidine	19.64	184	22564	4.90	nq	98
77) Pyrene	19.82	202	145076	14.45	nq	98
79) Butylbenzylphthalate	20.71	149	54556	13.33	nq	98
80) Benzo(a)anthracene	21.66	228	137333	14.29	nq	99
81) 3,3'-Dichlorobenzidine	21.57	252	37316	10.50	nq	94
82) Chrysene	21.72	228	126942	13.91	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	76902	13.53	nq	96
84) Di-n-octyl phthalate	22.79	149	132160	13.46	nq	100
85) Indeno(1,2,3-cd)pyrene	28.58	276	157129	14.15	nq	97
87) Benzo(b)fluoranthene	23.88	252	138048	14.45	nq	100
88) Benzo(k)fluoranthene	23.95	252	137049	14.53	nq	98
89) Benzo(a)pyrene	24.75	252	133295	14.77	nq	97
90) Dibenzo(a,h)anthracene	28.64	278	135539	13.99	nq	97
91) Benzo(g,h,i)perylene	29.72	276	119948	13.31	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.03 min Scan# 884

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

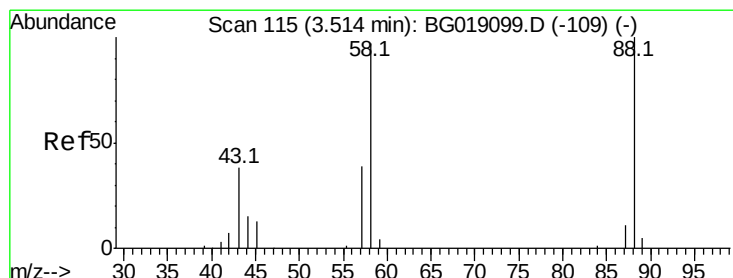
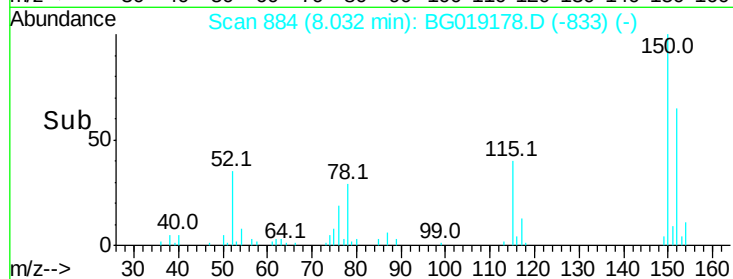
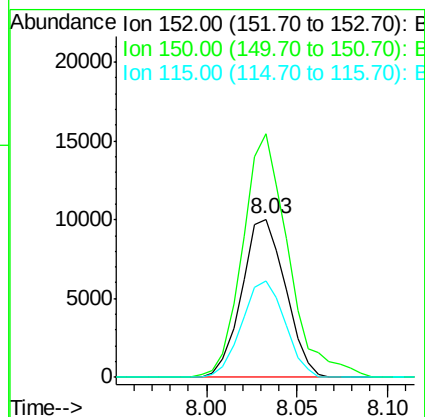
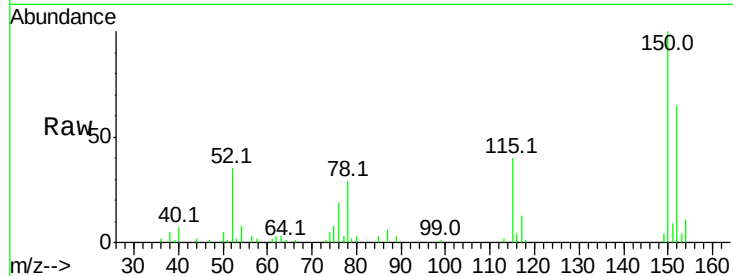
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	152	Resp:	16791
Ion Ratio	Lower	Upper	
152	100		
150	153.8	108.2	162.2
115	61.1	43.2	64.8

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#2

1,4-Dioxane

Concen: 11.42 ng

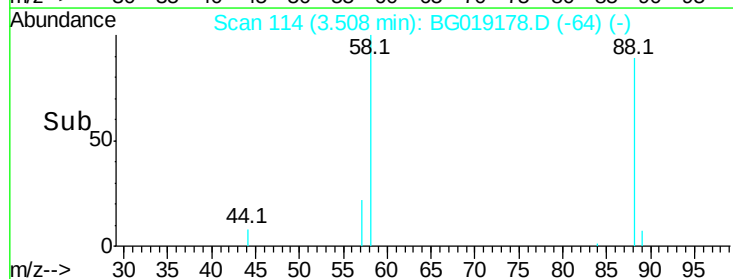
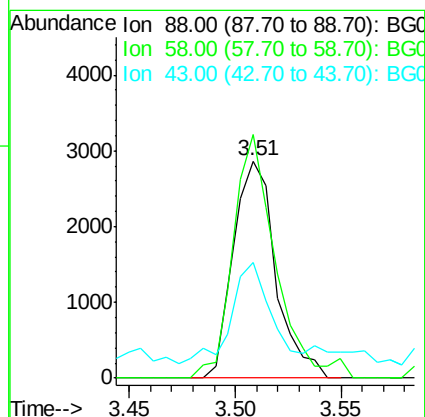
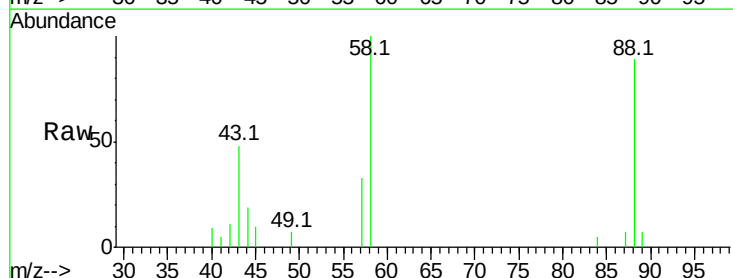
RT: 3.51 min Scan# 114

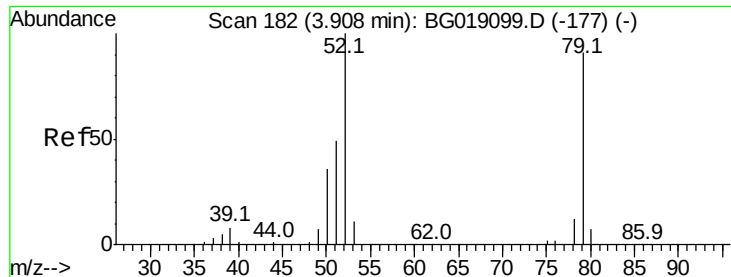
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	88	Resp:	3961
Ion Ratio	Lower	Upper	
88	100		
58	112.7	81.1	121.7
43	42.8	31.0	46.6





#3

Pvridine

Concen: 10.99 ng

RT: 3.90 min Scan# 181

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

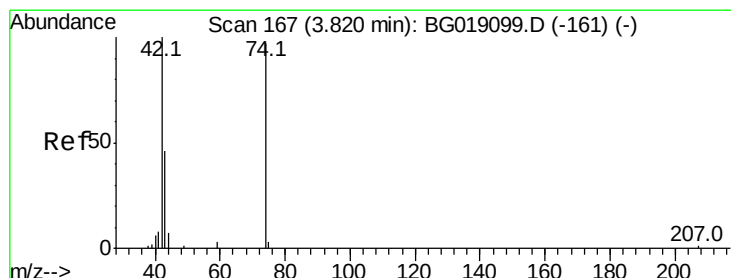
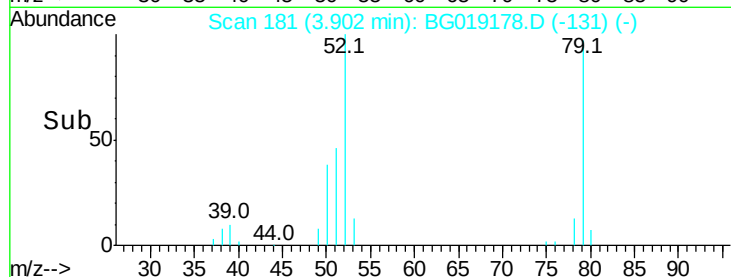
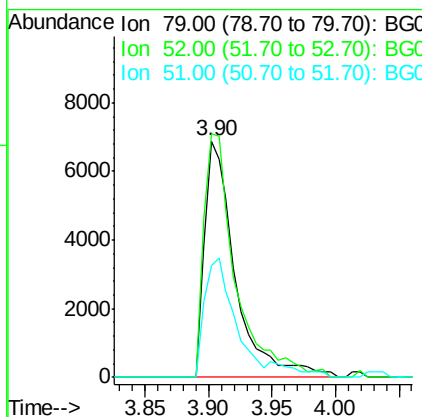
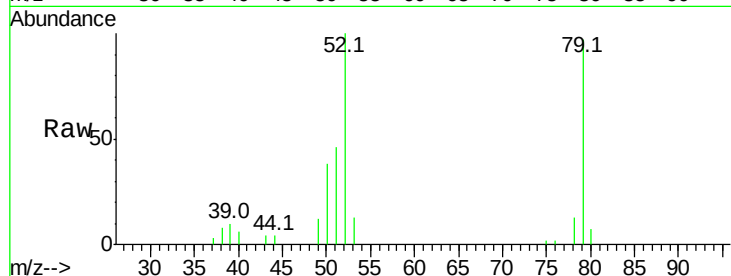
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	79	Resp:	11651
Ion	Ratio	Lower	Upper
79	100		
52	102.9	88.3	132.5
51	47.4	44.6	66.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 14.29 ng

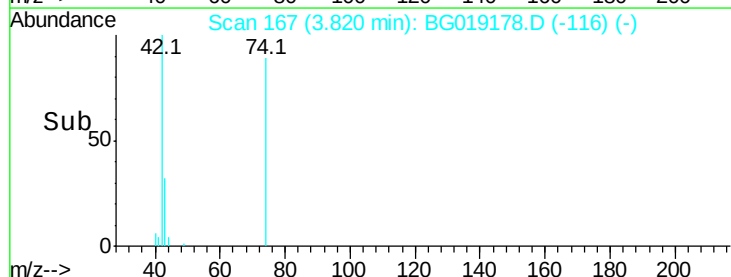
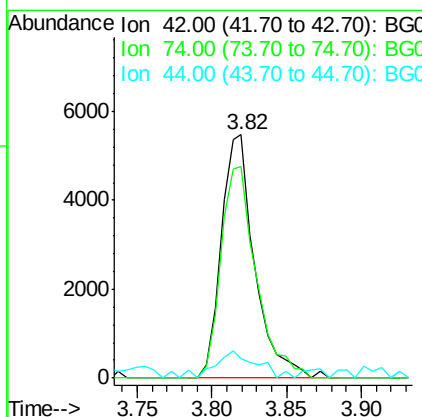
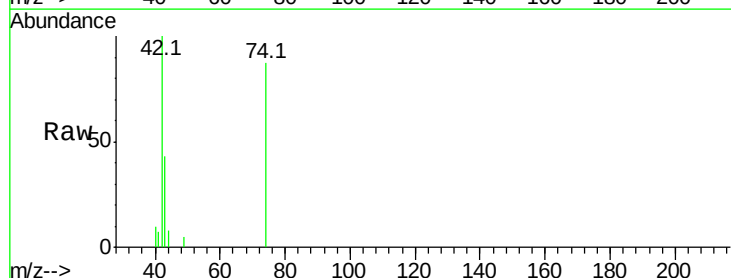
RT: 3.82 min Scan# 167

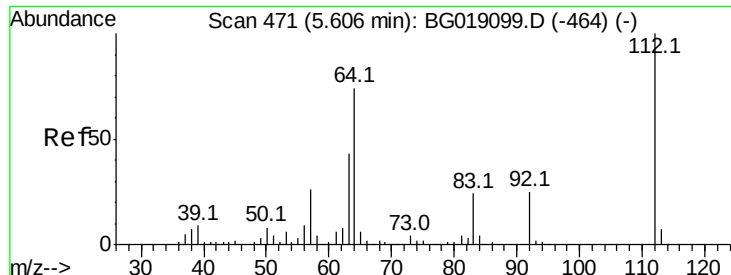
Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	42	Resp:	8591
Ion	Ratio	Lower	Upper
42	100		
74	86.7	77.3	115.9
44	8.3	7.2	10.8





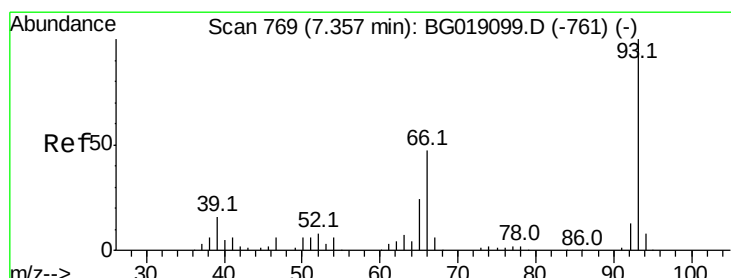
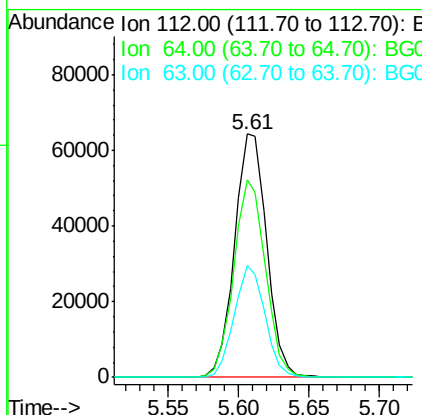
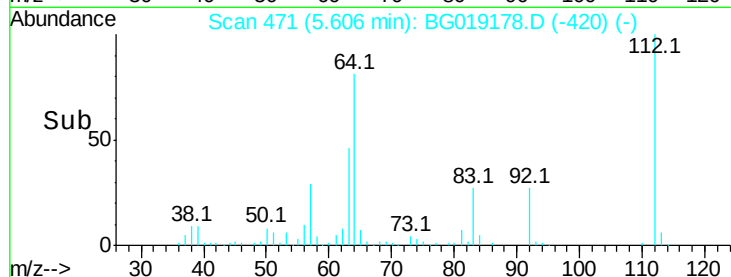
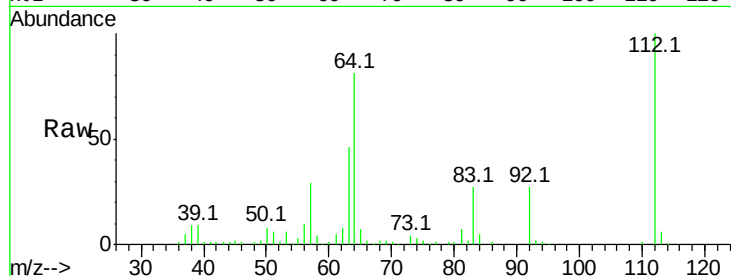
#5
2-Fluorophenol
Concen: 123.91 ng
RT: 5.61 min Scan# 471
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
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ClientSampleId :
LOQ-WATER2015-02

Tot Ion:	112	Resp:	102189
Ion Ratio	Lower	Upper	
112	100		
64	81.0	59.0	88.4
63	45.9	34.7	52.1

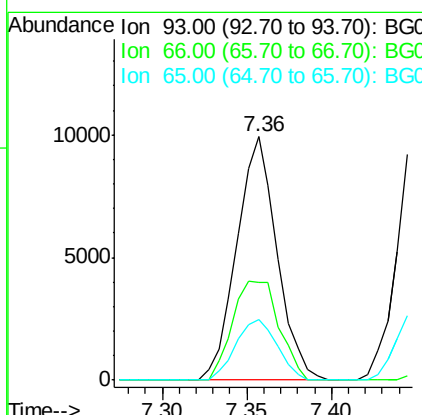
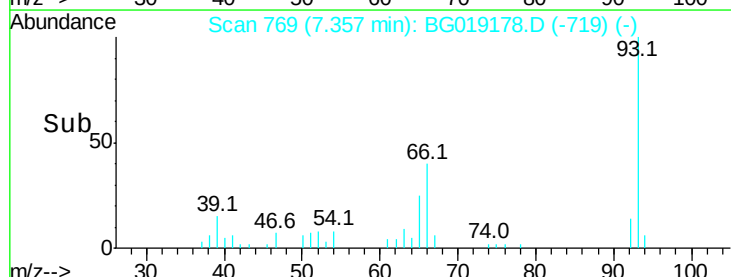
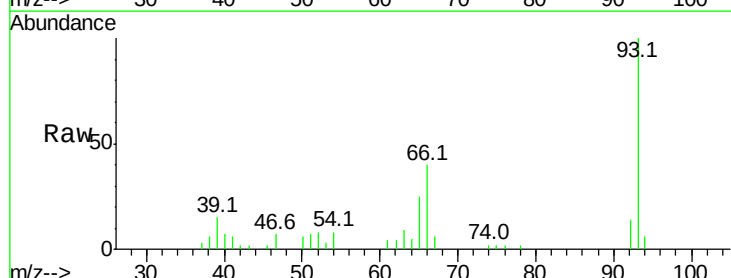
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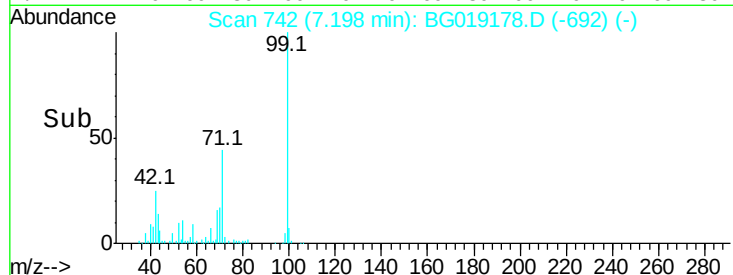
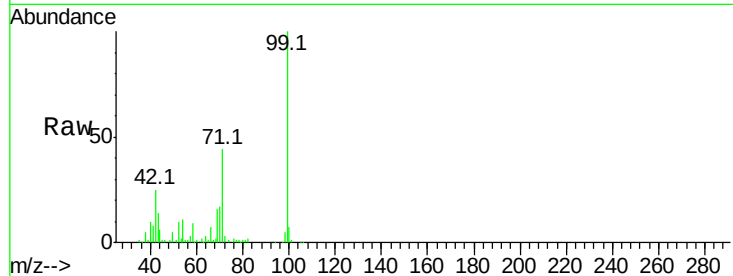
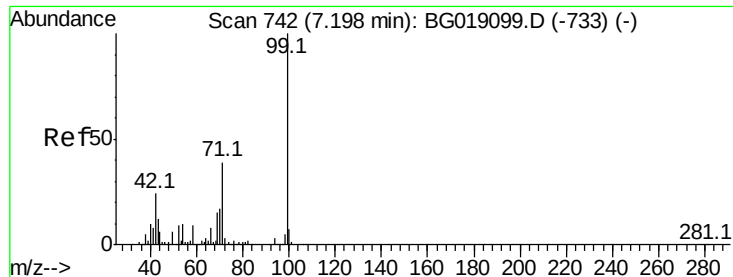
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#6
Aniline
Concen: 9.57 ng
RT: 7.36 min Scan# 769
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:	93	Resp:	16412
Ion Ratio	Lower	Upper	
93	100		
66	40.0	37.4	56.2
65	24.9	19.6	29.4





#7

Phenol-d6

Concen: 125.91 ng

RT: 7.20 min Scan# 742

Delta R.T. -0.01 min

Lab File: BG019178.D

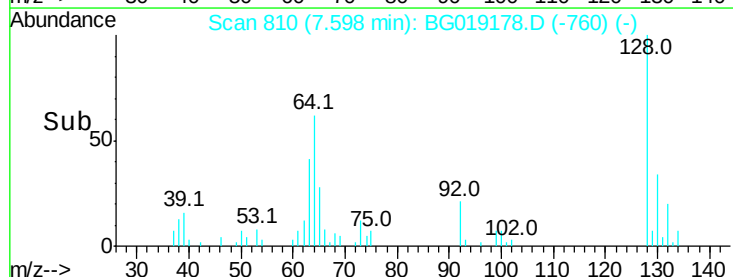
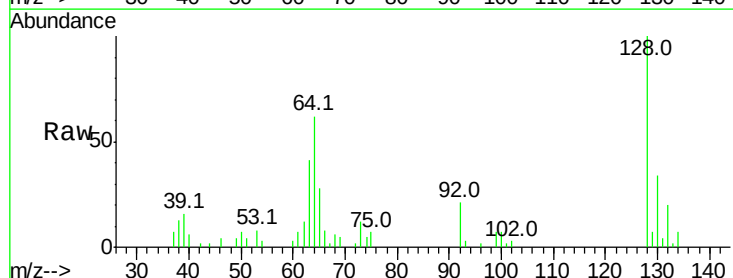
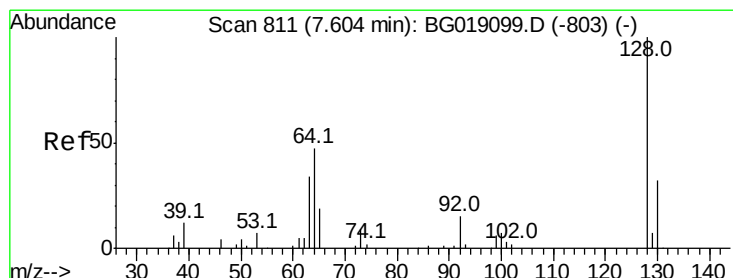
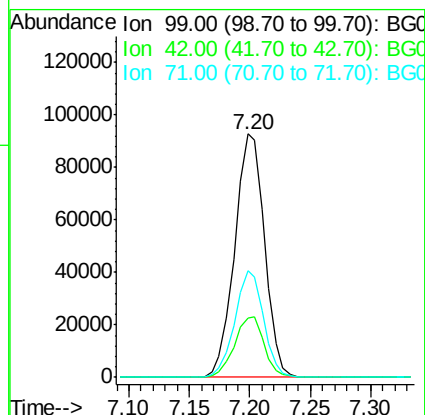
Acq: 13 Oct 2015 4:04

Tot Ion	99	Resp	159519
Ion Ratio	Lower	Upper	
99	100		
42	24.5	19.5	29.3
71	43.9	31.4	47.0

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

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#8

2-Chlorophenol

Concen: 15.98 ng

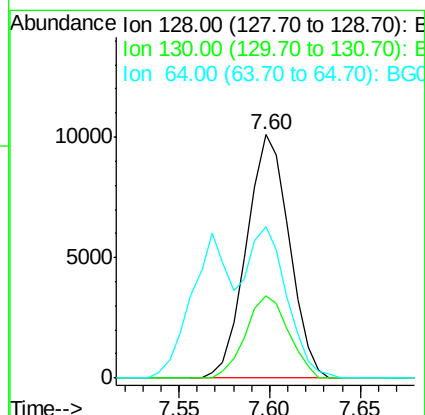
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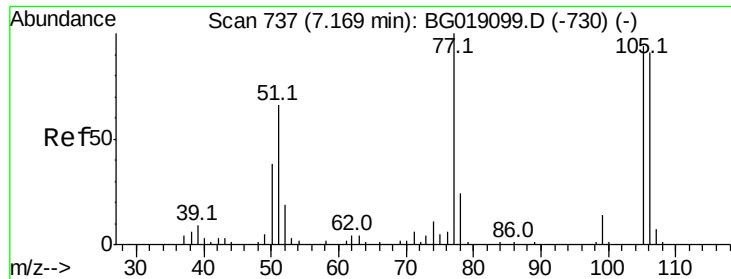
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion	128	Resp	16539
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.3	52.3
64	62.4	35.8	75.8





#9

Benzaldehyde

Concen: 17.23 ng

RT: 7.16 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

Tot Ion: 77 Resp: 13748

Ion Ratio Lower Upper

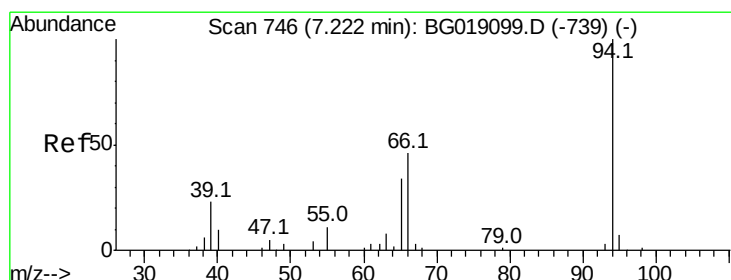
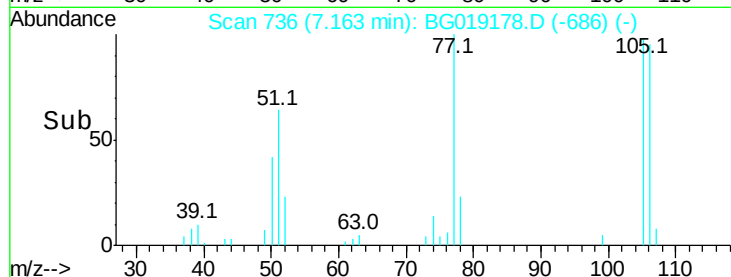
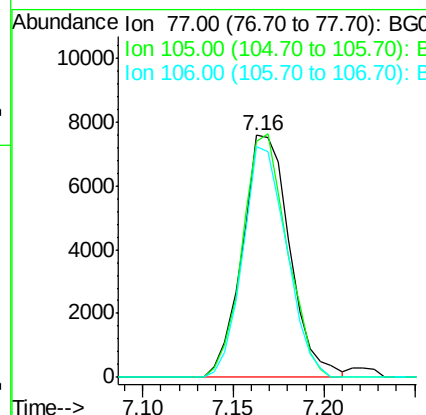
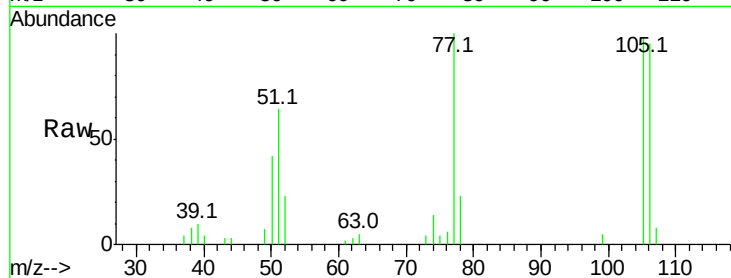
77 100

105 97.6 73.7 113.7

106 95.5 71.0 111.0

Manual Integrations
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#10

Phenol

Concen: 16.97 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

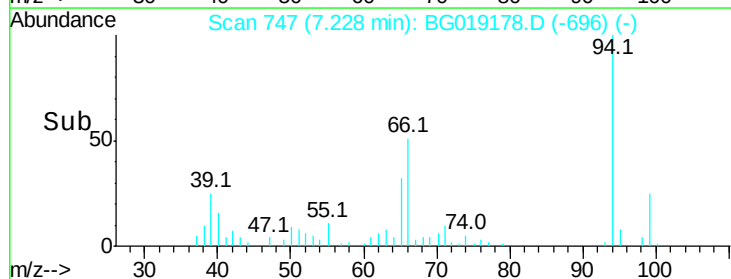
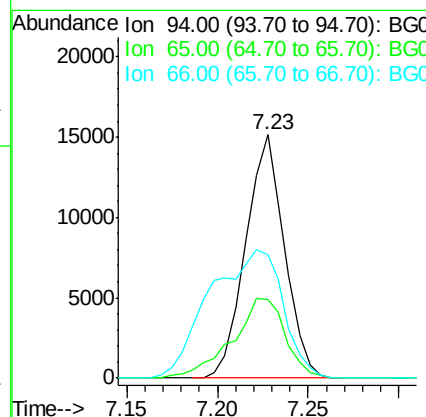
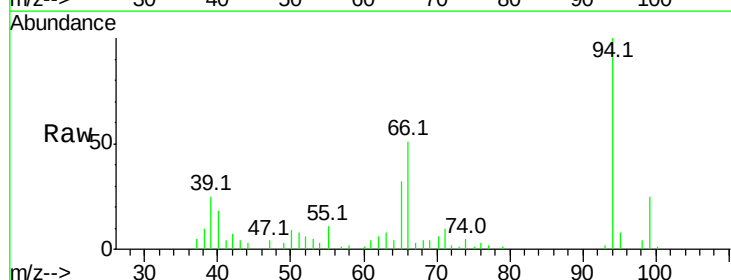
Tgt Ion: 94 Resp: 22387

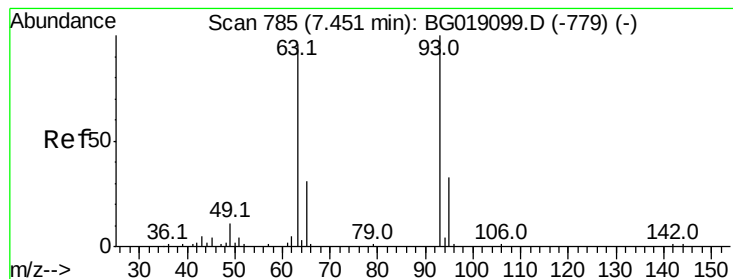
Ion Ratio Lower Upper

94 100

65 32.2 15.2 55.2

66 50.6 28.7 68.7





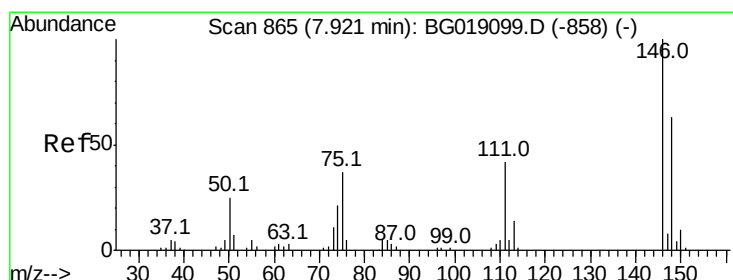
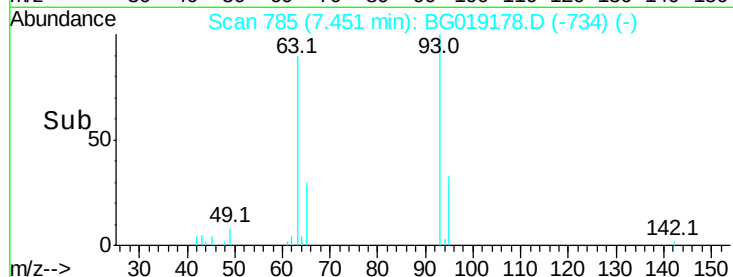
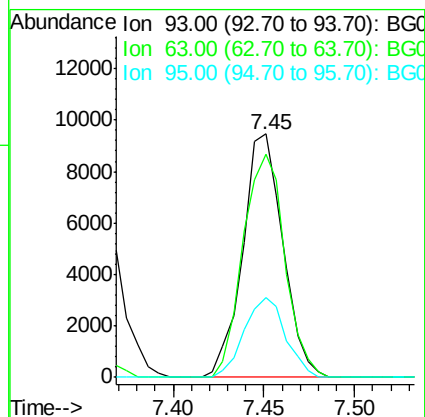
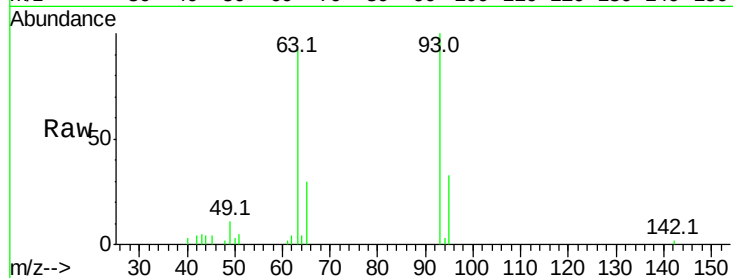
#11
bis(2-Chloroethyl)ether
Concen: 14.68 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.6	75.3	115.3
95	32.9	12.9	52.9

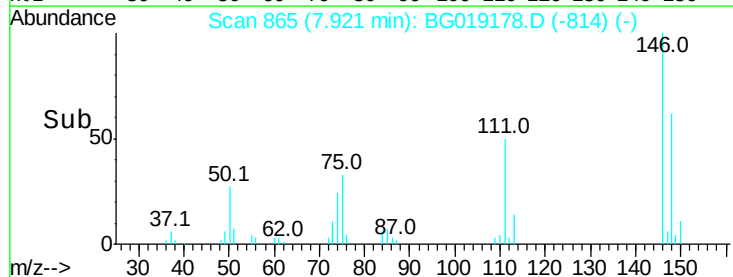
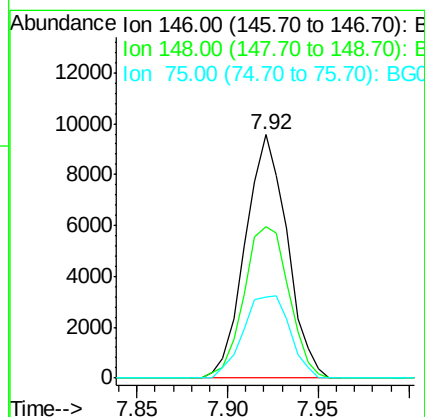
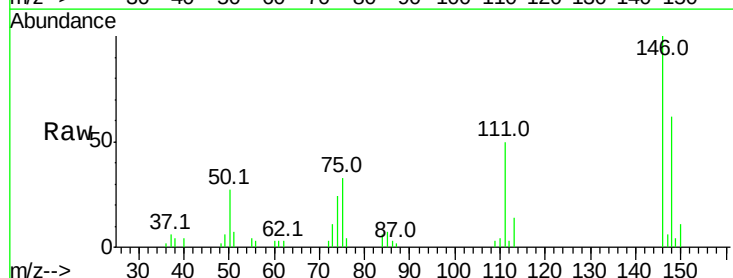
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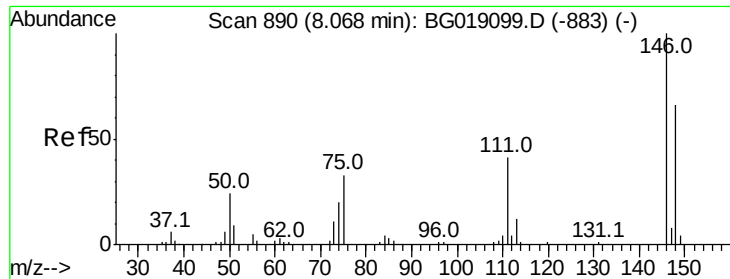
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#12
1,3-Dichlorobenzene
Concen: 13.59 ng
RT: 7.92 min Scan# 865
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.2	75.4
75	33.2	29.3	43.9





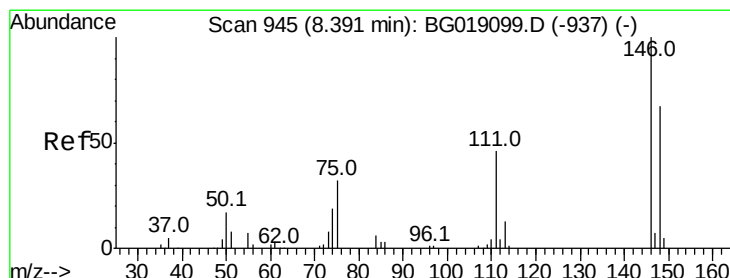
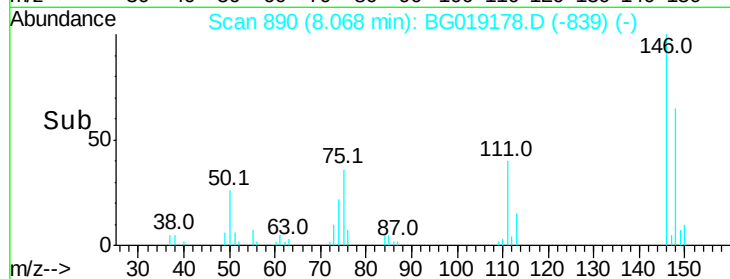
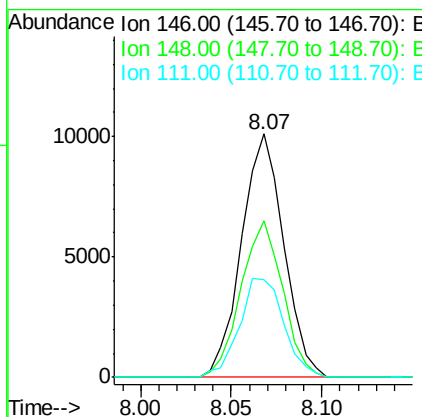
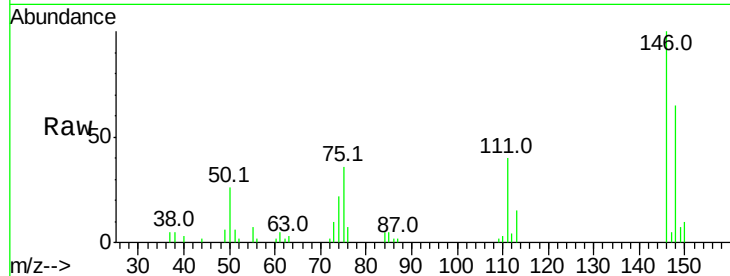
#13
 1,4-Dichlorobenzene
 Concen: 14.20 ng
 RT: 8.07 min Scan# 890
 Delta R.T. -0.00 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.9	79.3
111	39.9	33.1	49.7

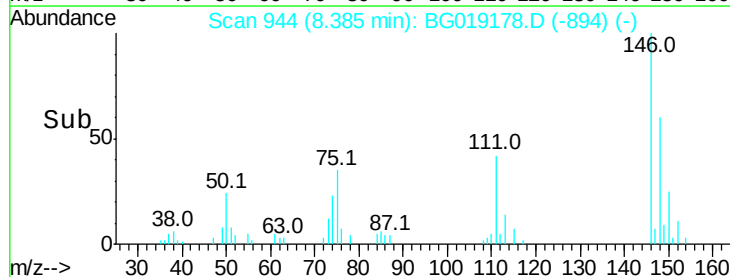
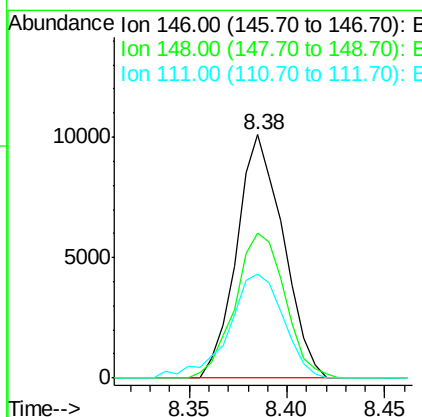
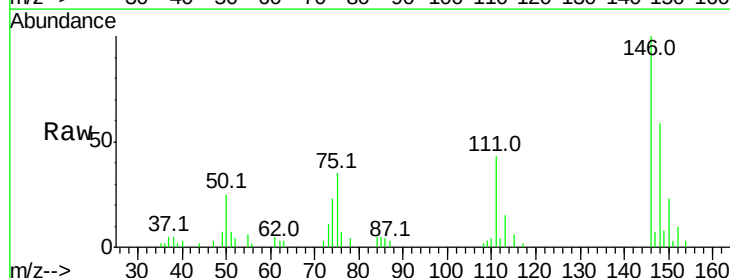
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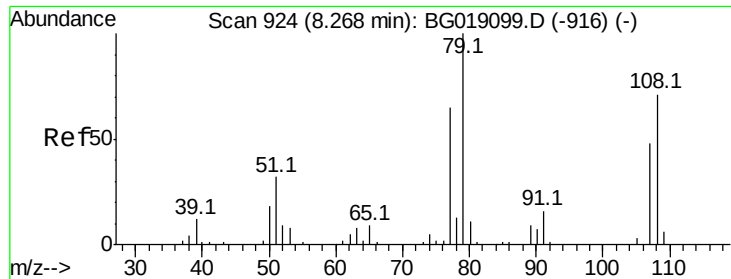
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#14
 1,2-Dichlorobenzene
 Concen: 14.89 ng
 RT: 8.38 min Scan# 944
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	59.4	53.6	80.4
111	42.6	37.3	55.9





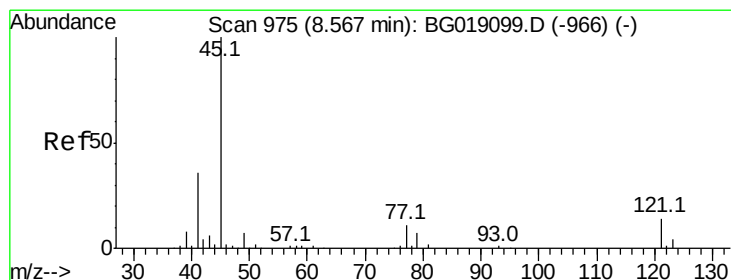
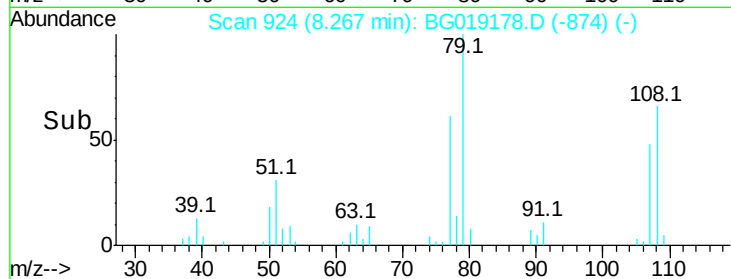
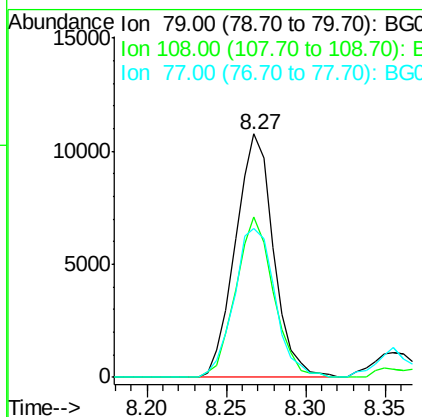
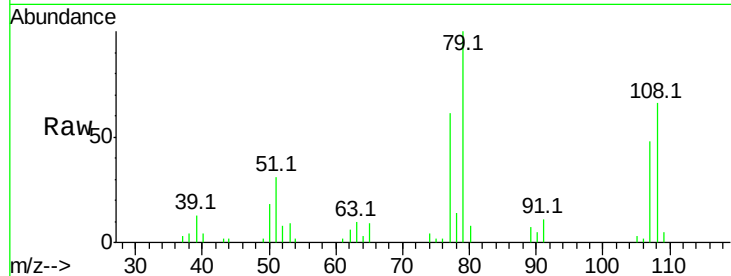
#15
Benzyl Alcohol
Concen: 15.84 ng
RT: 8.27 min Scan# 924
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
79	100		
108	66.0	56.6	84.8
77	61.1	51.6	77.4

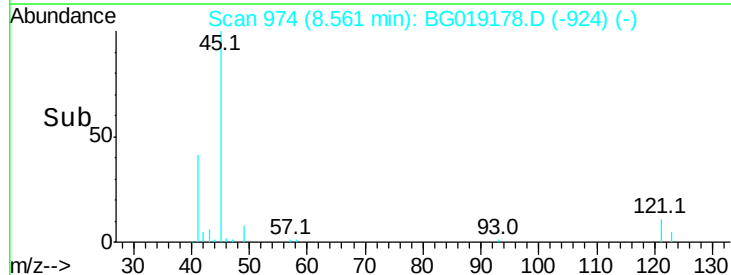
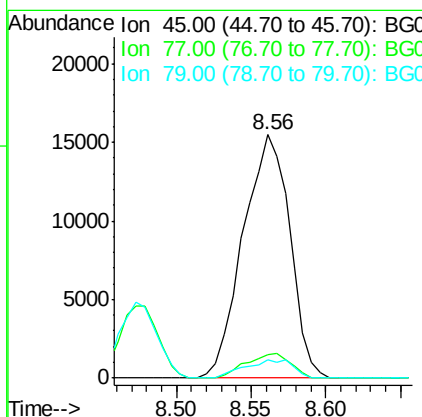
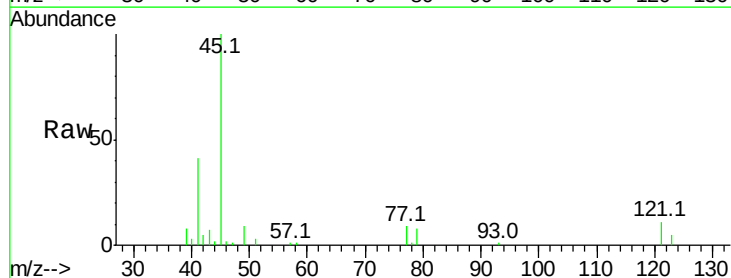
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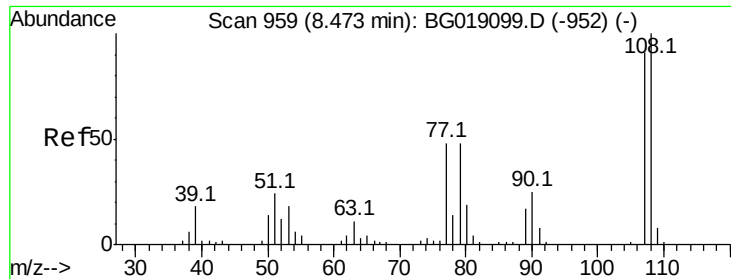
MMdadoda
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 15.67 ng
RT: 8.56 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
45	100		
77	9.4	0.0	30.8
79	7.6	0.0	27.5





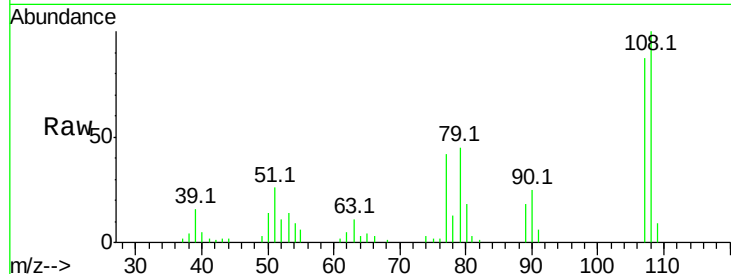
#17
2-Methylphenol
Concen: 16.39 ng
RT: 8.47 min Scan# 959
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:	107	Resp:	15442
Ion Ratio	Lower	Upper	
107	100		
108	114.5	87.7	131.5
77	48.2	42.2	63.2
79	51.1	42.1	63.1

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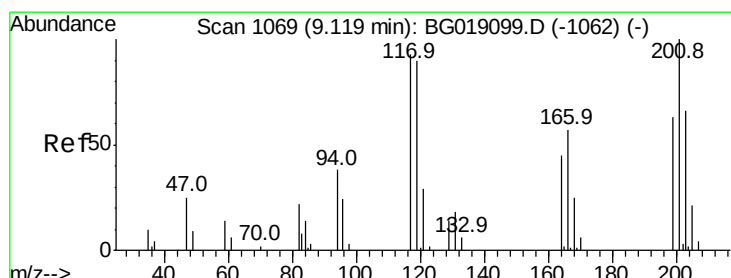
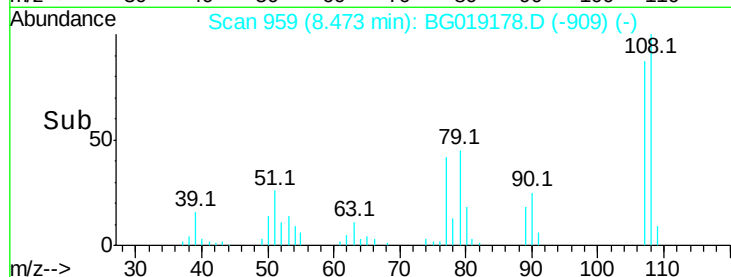
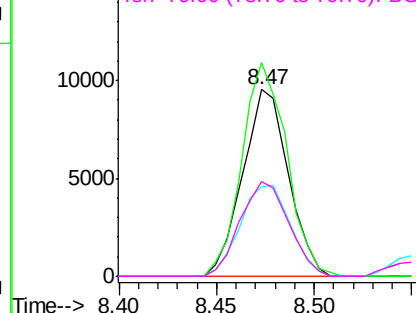
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 14.81 ng
RT: 9.11 min Scan# 1068
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

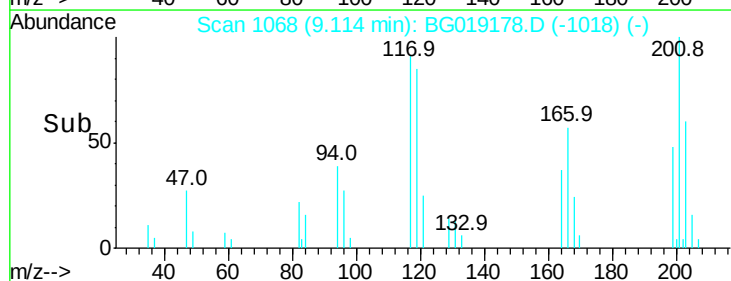
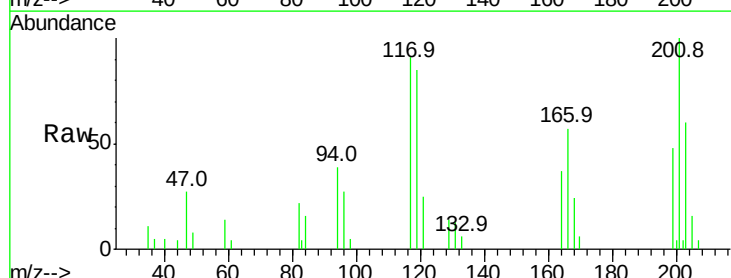
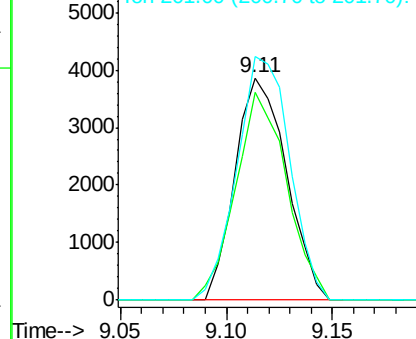
Tgt Ion:	117	Resp:	6525
Ion Ratio	Lower	Upper	
117	100		
119	93.3	77.0	115.4
201	109.5	85.6	128.4

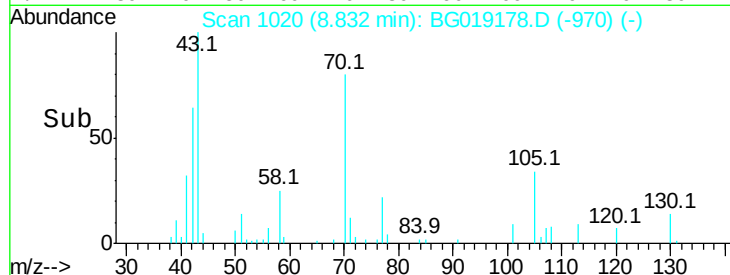
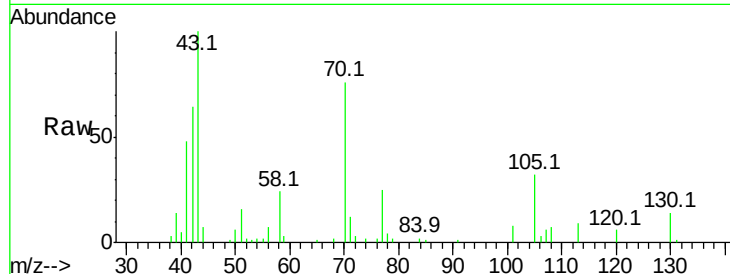
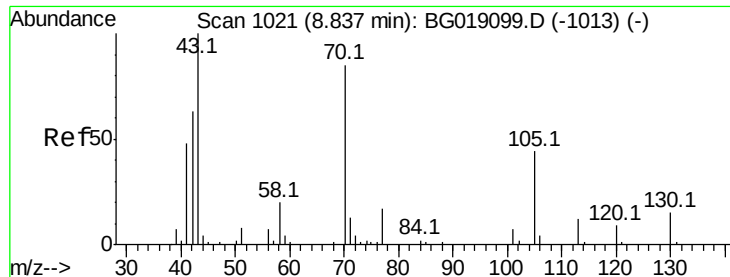
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





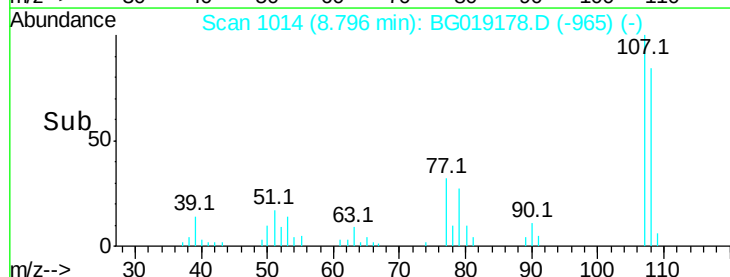
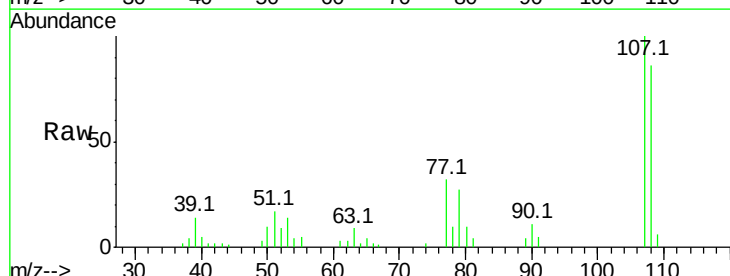
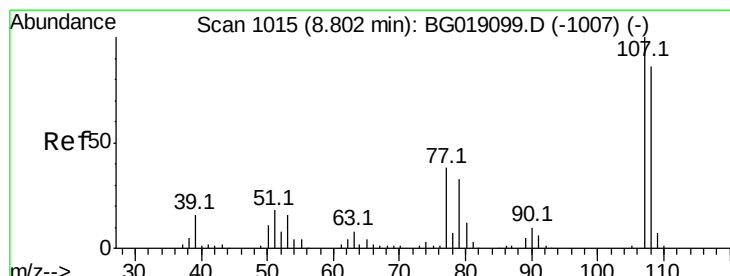
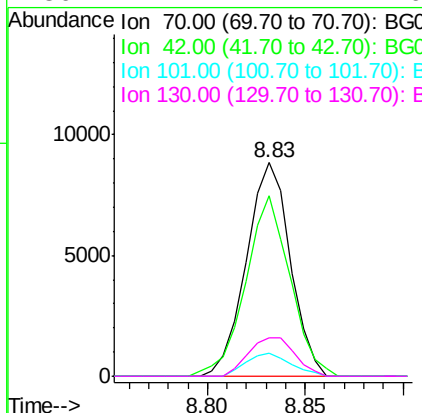
#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 8.83 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

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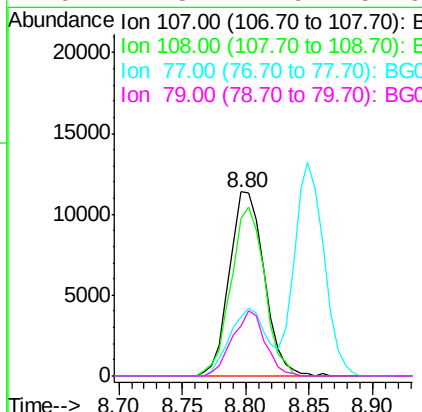
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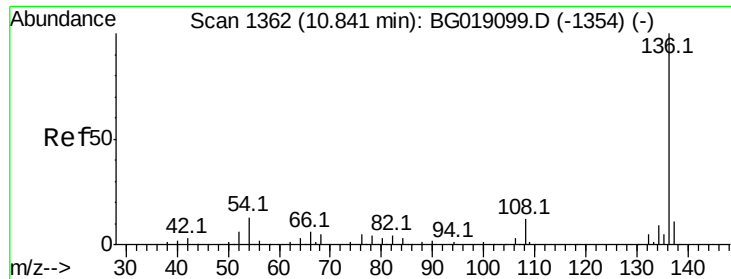
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	84.2	59.8	89.8		
101	10.7	7.0	10.4		
130	17.7	14.4	21.6		



#20
3+4-Methylphenols
Concen: 15.99 ng
RT: 8.80 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	85.9	66.2	106.2		
77	32.4	17.8	57.8		
79	27.3	12.9	52.9		





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.84 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BG019178.D

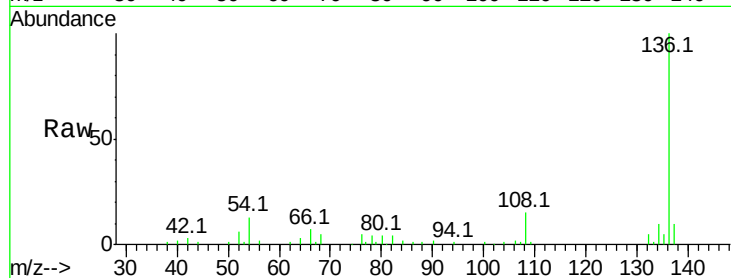
Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

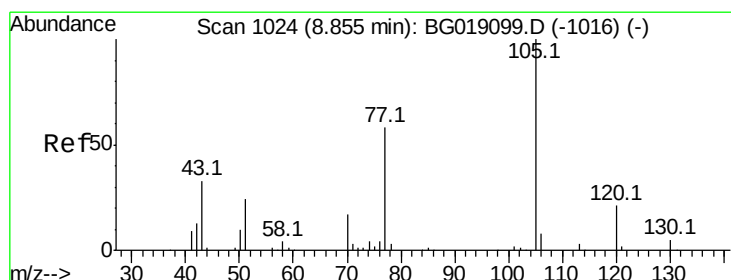
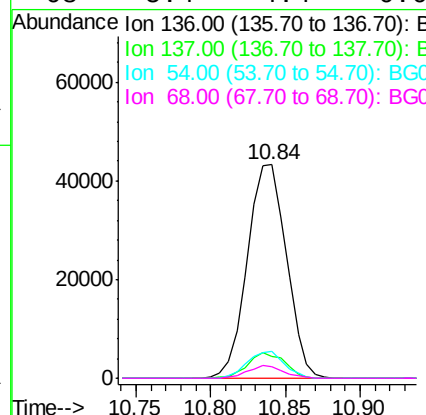
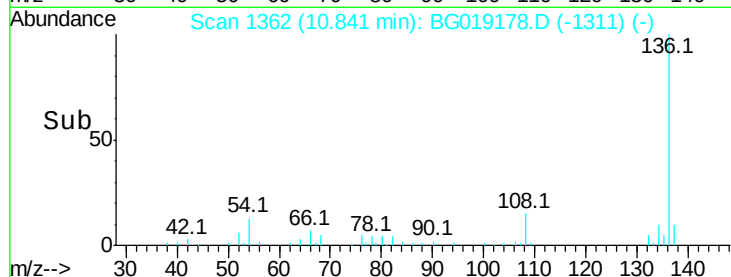
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Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	9.0	13.4	
54	12.8	10.1	15.1	
68	5.4	4.4	6.6	

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#22

Acetophenone

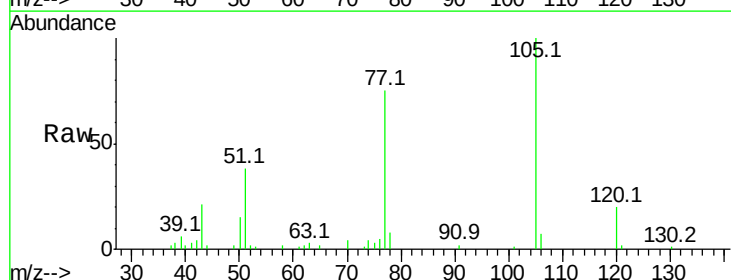
Concen: 14.48 ng

RT: 8.86 min Scan# 1024

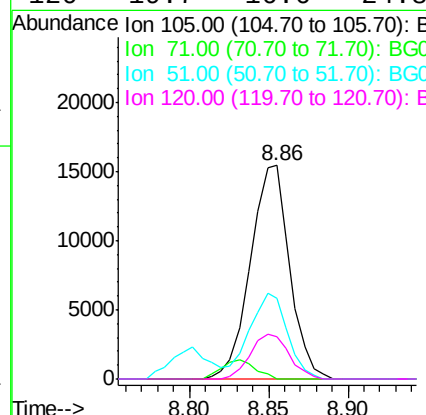
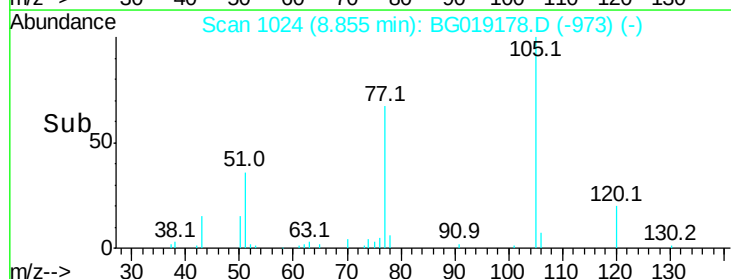
Delta R.T. -0.00 min

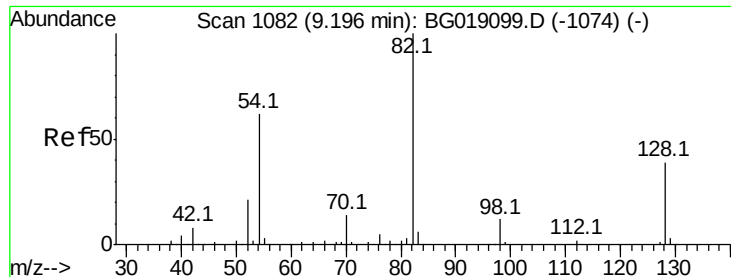
Lab File: BG019178.D

Acq: 13 Oct 2015 4:04



Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	2.2	3.2#	
51	37.8	29.2	43.8	
120	19.7	16.6	24.8	





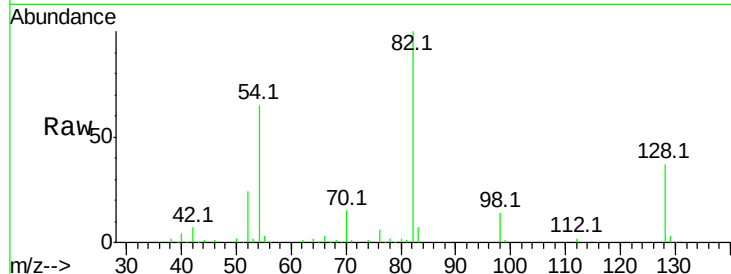
#23
Nitrobenzene-d5
Concen: 76.98 ng
RT: 9.19 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	36.6	31.4	47.2	
54	64.7	50.0	75.0	

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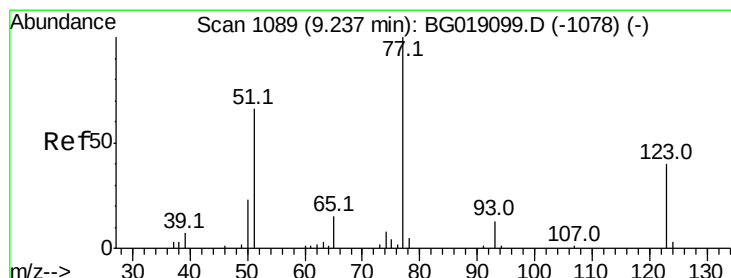
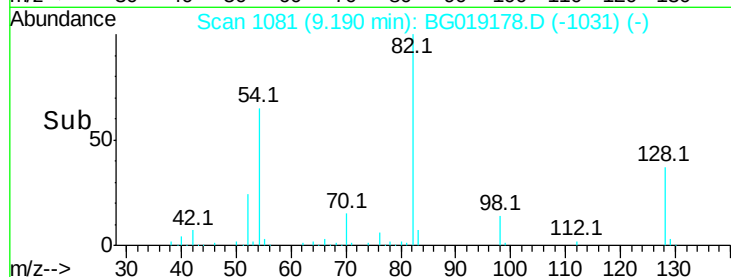
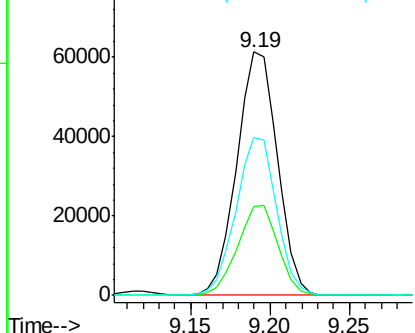


Abundance

Ion 82.00 (81.70 to 82.70): BGC

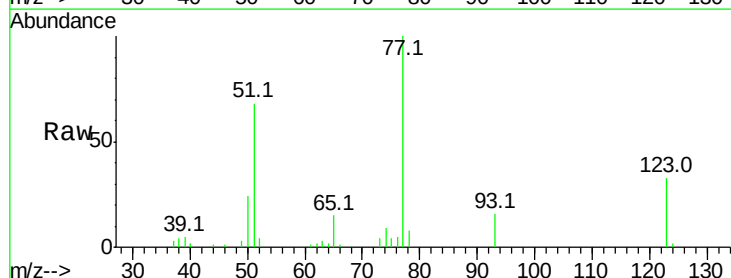
Ion 128.00 (127.70 to 128.70): BGC

Ion 54.00 (53.70 to 54.70): BGC



#24
Nitrobenzene
Concen: 14.80 ng
RT: 9.24 min Scan# 1089
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	32.6	31.8	47.6	
65	14.7	11.8	17.6	

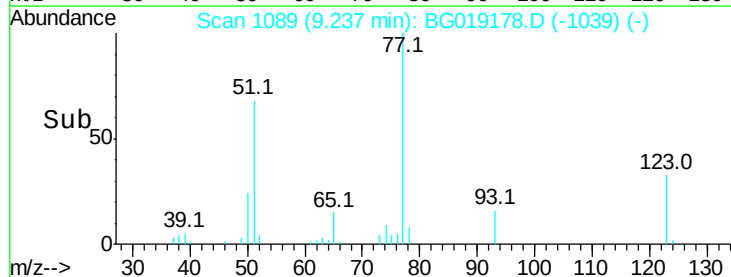
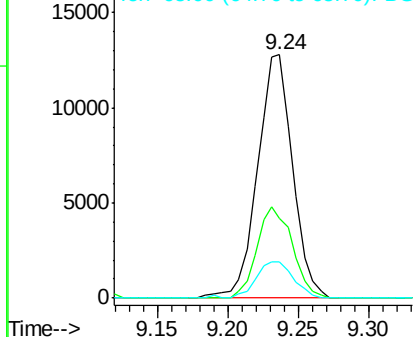


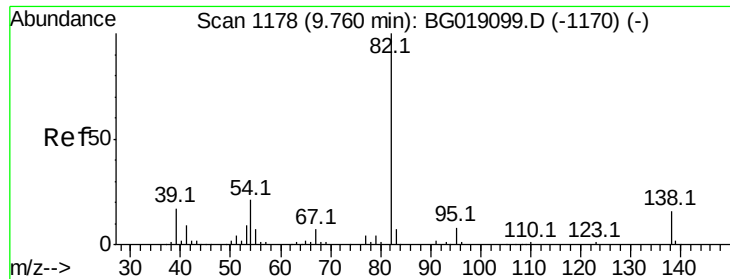
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 123.00 (122.70 to 123.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





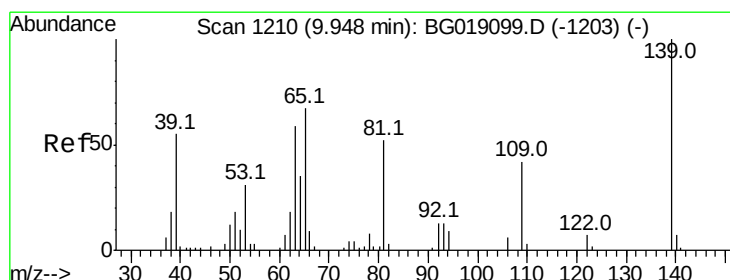
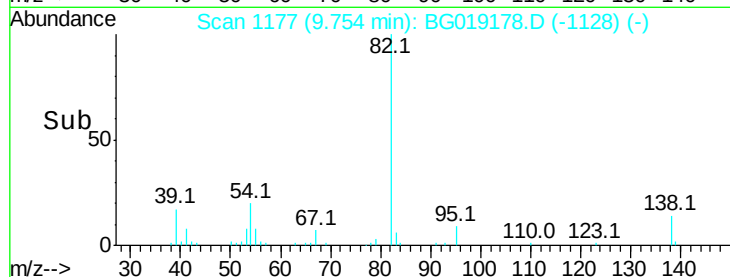
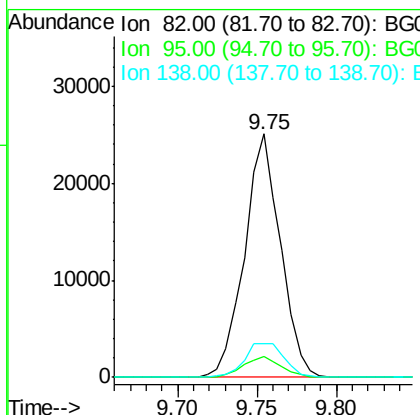
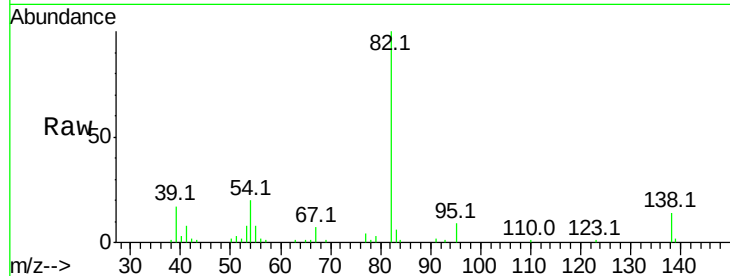
#25
Isophorone
Concen: 13.61 ng
RT: 9.75 min Scan# 1177
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
82	100		
95	8.5	6.7	10.1
138	14.0	12.6	19.0

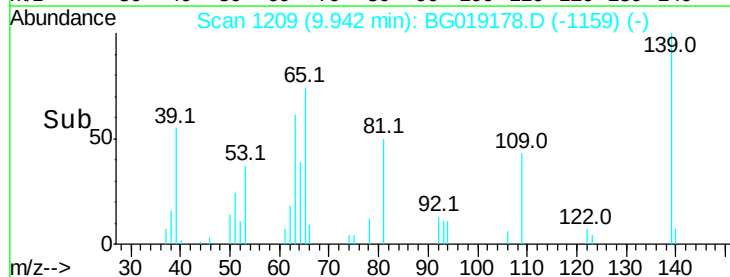
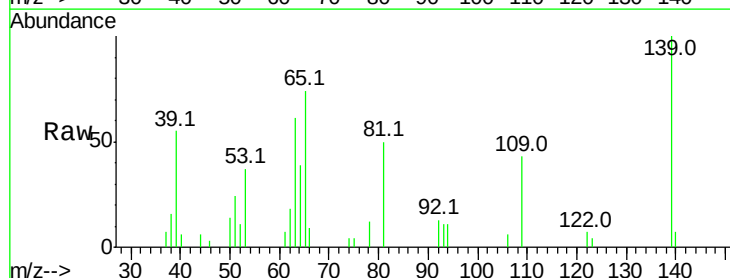
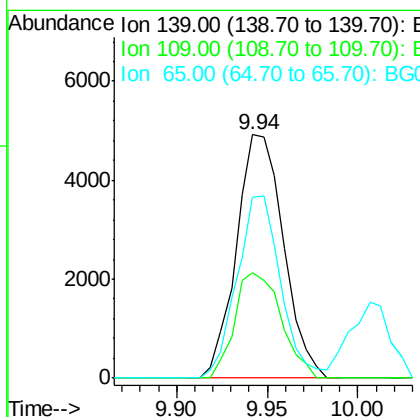
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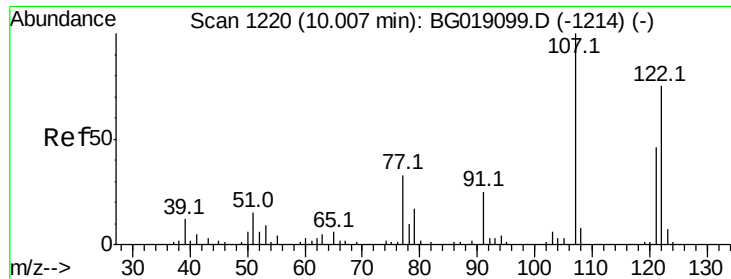
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#26
2-Nitrophenol
Concen: 13.82 ng
RT: 9.94 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
139	100		
109	43.1	33.3	49.9
65	74.5	53.6	80.4





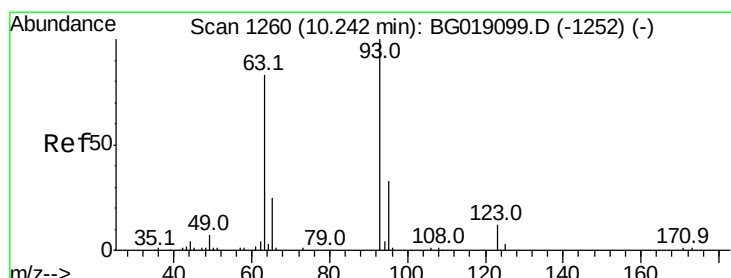
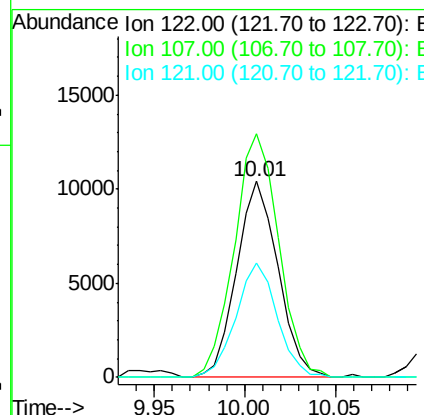
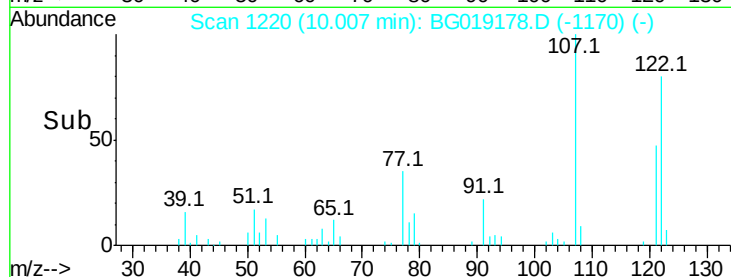
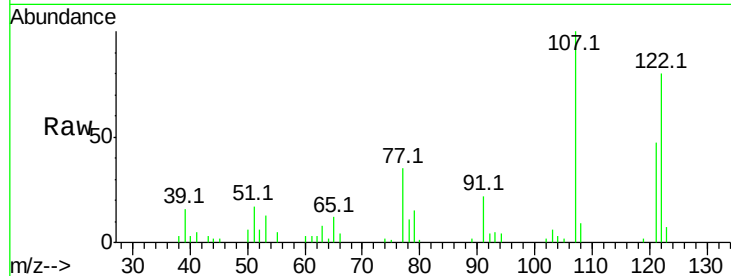
#27
 2,4-Dimethylphenol
 Concen: 14.71 ng
 RT: 10.01 min Scan# 1220
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	124.4	16504	105.1	157.7
121	58.5		48.7	73.1

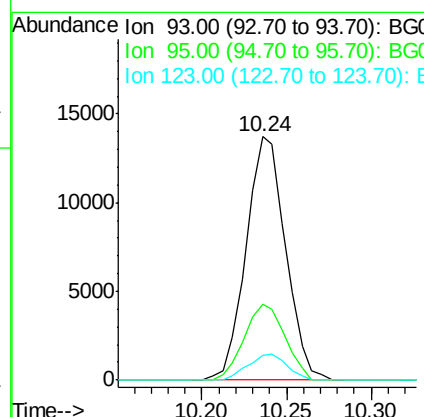
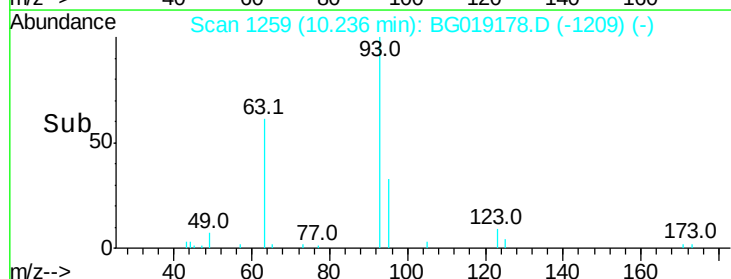
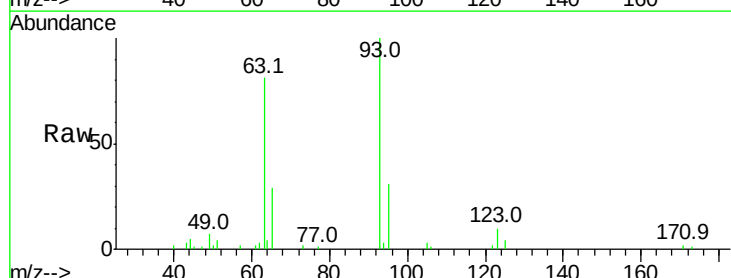
Manual Integrations
 APPROVED

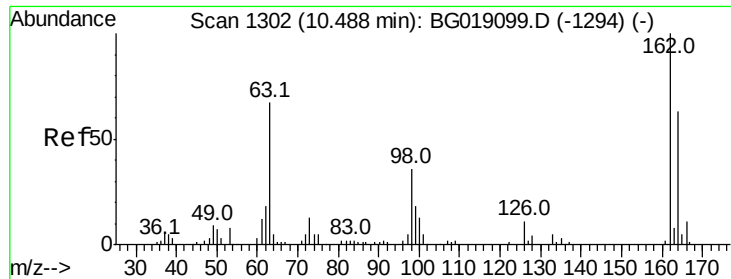
MMdadoda
 10/13/2015 1:26:54 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 14.45 ng
 RT: 10.24 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	22253		
95	31.3		26.5	39.7
123	10.3		9.4	14.2





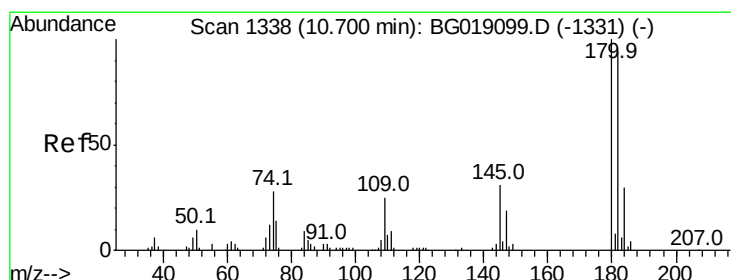
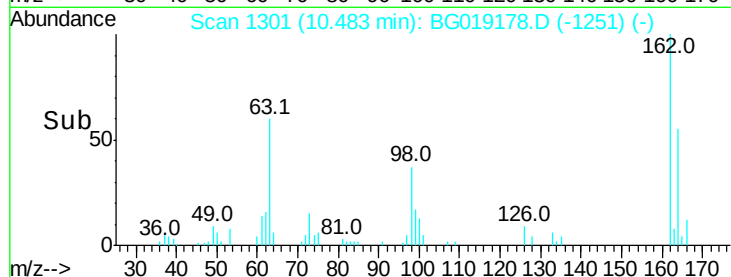
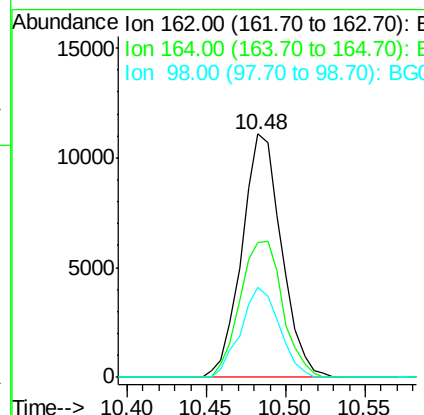
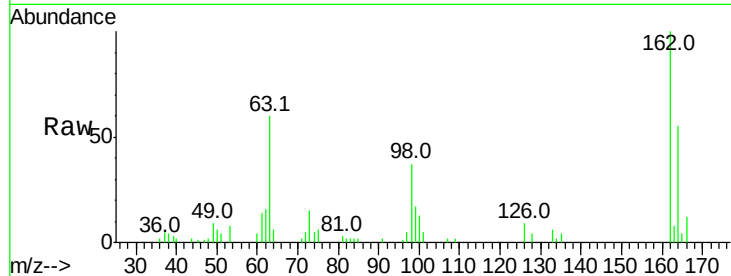
#29
2,4-Dichlorophenol
Concen: 16.36 ng
RT: 10.48 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	55.4	42.8	82.8
98	37.0	16.1	56.1

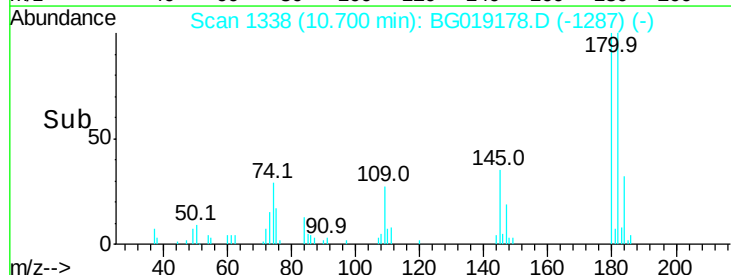
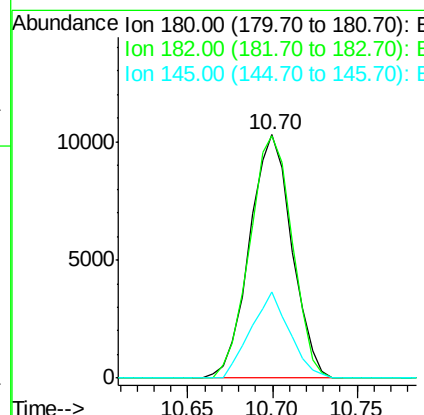
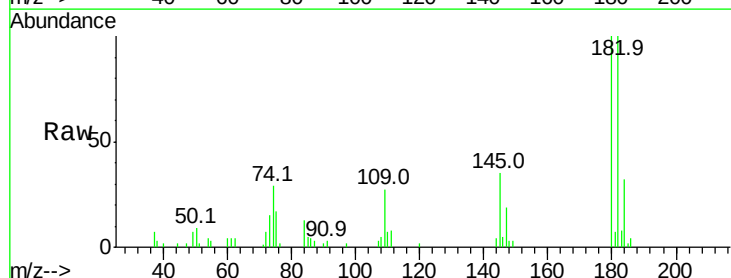
Manual Integrations
APPROVED

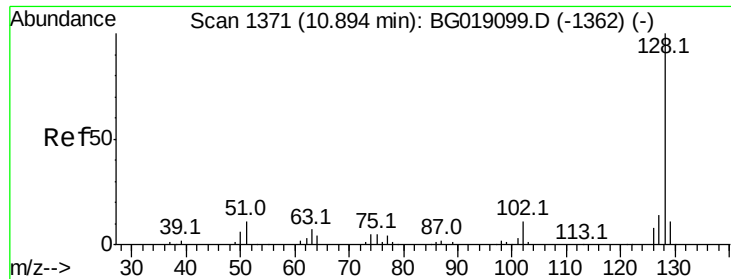
MMdadoda
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#30
1,2,4-Trichlorobenzene
Concen: 14.18 ng
RT: 10.70 min Scan# 1338
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	99.6	75.3	112.9
145	35.3	24.9	37.3





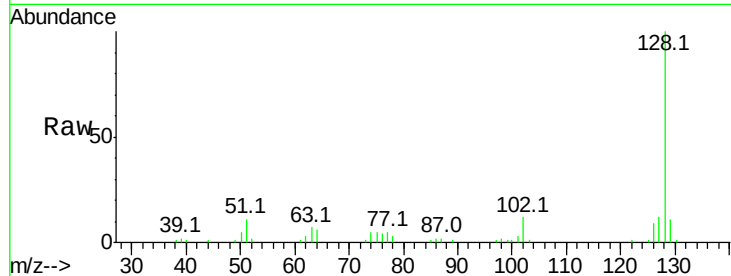
#31
Naphthalene
Concen: 14.53 ng
RT: 10.89 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	12.3	11.4	17.0

Manual Integrations
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MMdadoda
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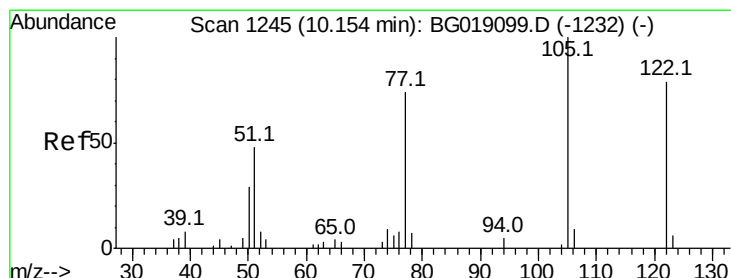
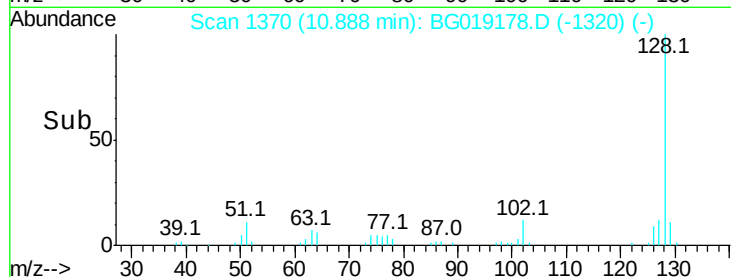
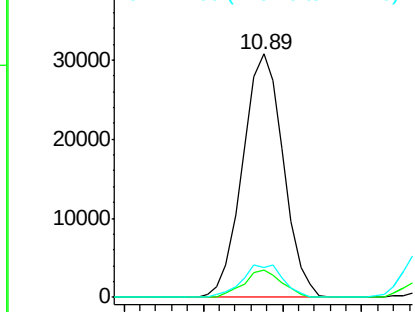


Abundance

Ion 128.00 (127.70 to 128.70): E

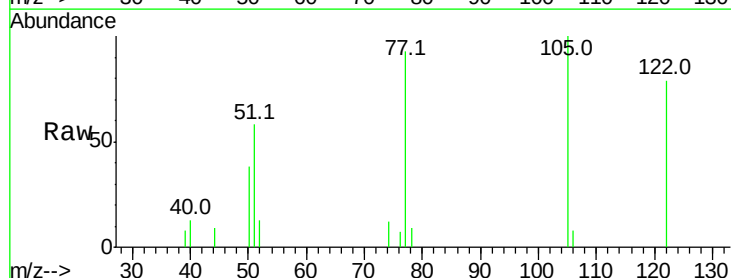
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 14.38 ng m
RT: 10.11 min Scan# 1237
Delta R.T. -0.06 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.3	107.0	147.0
77	117.8	73.4	113.4

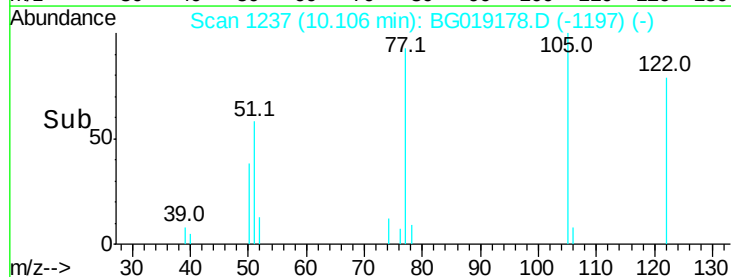
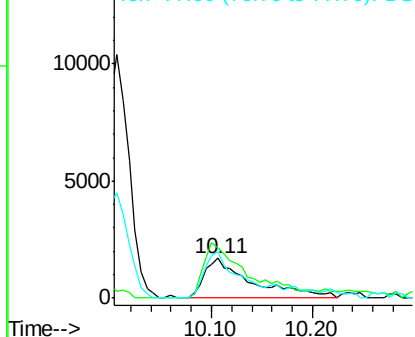


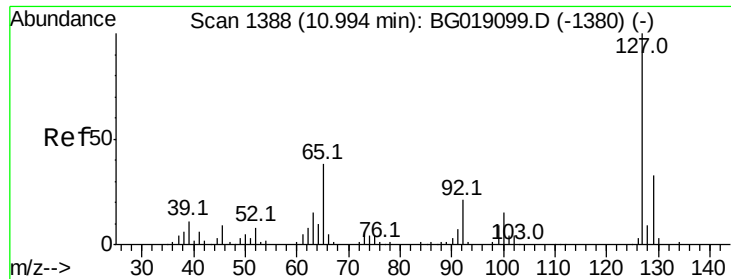
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG





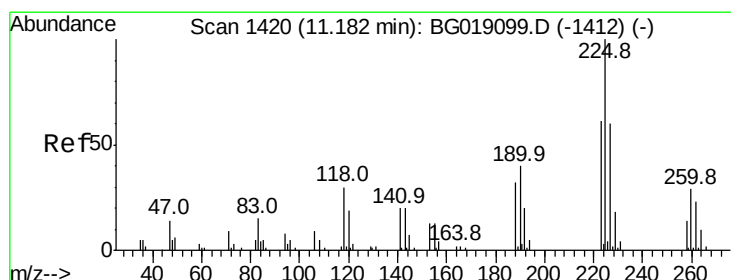
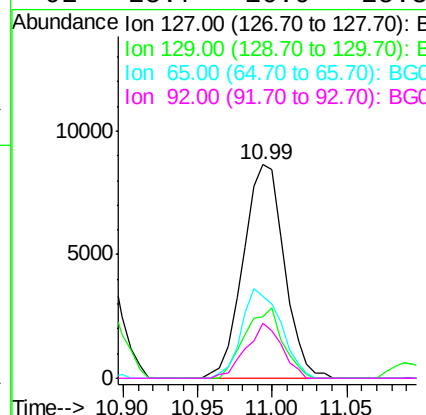
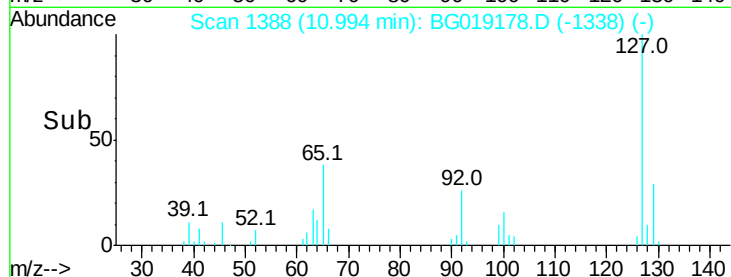
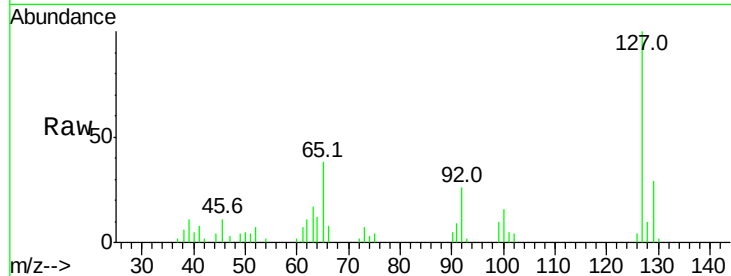
#33
4-Chloroaniline
Concen: 9.37 ng
RT: 10.99 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ion	Ratio	Resp Lower	Upper
127	100			
129	29.0	26.2	39.2	
65	38.3	30.4	45.6	
92	25.7	16.9	25.3	

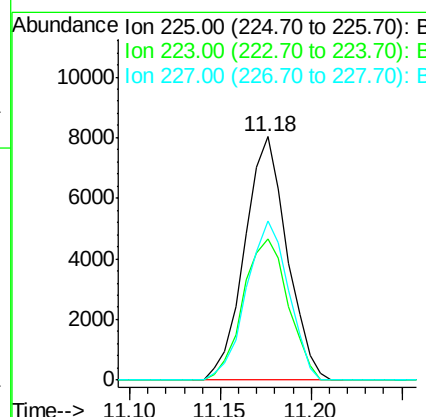
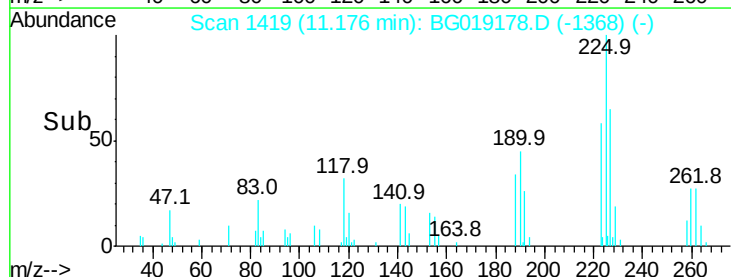
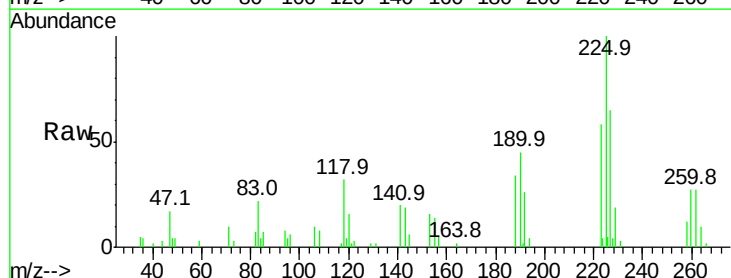
Manual Integrations
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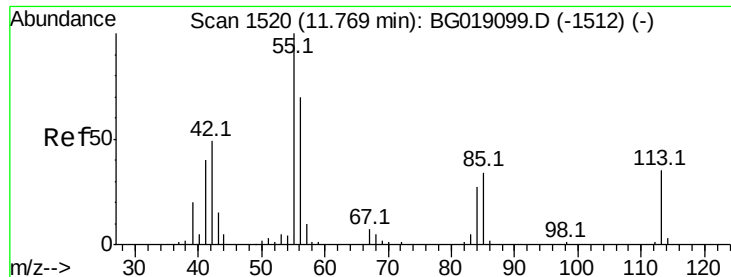
MMdadoda
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#34
Hexachlorobutadiene
Concen: 15.08 ng
RT: 11.18 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ion	Ratio	Resp Lower	Upper
225	100			
223	57.7	48.6	72.8	
227	65.2	48.1	72.1	





#35

Caprolactam

Concen: 14.68 ng

RT: 11.75 min Scan# 1516

Delta R.T. -0.05 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

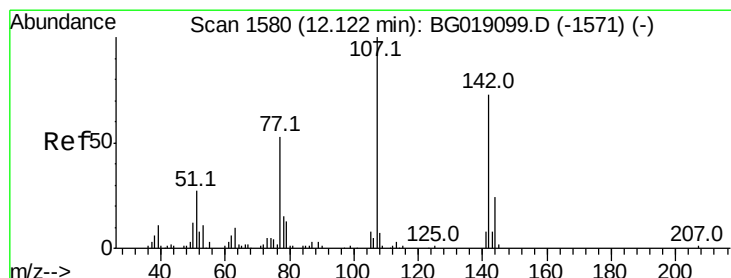
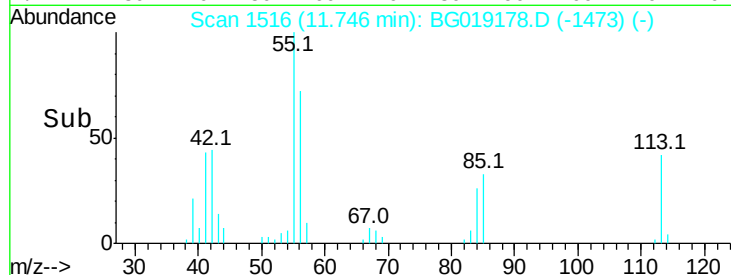
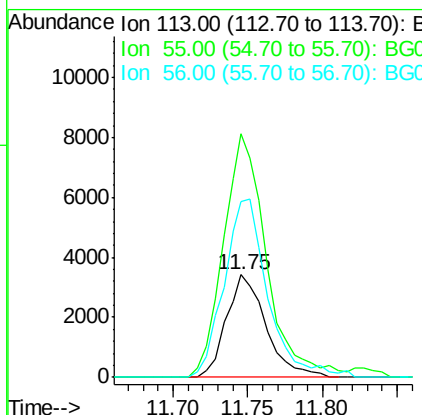
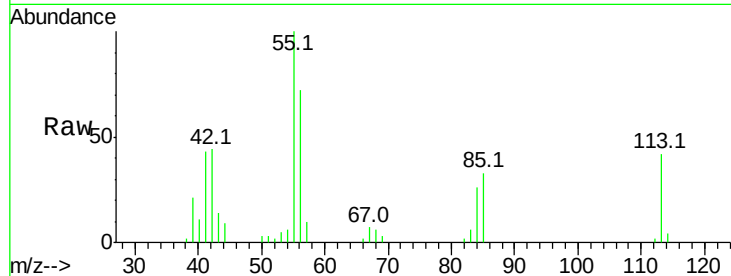
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	113	Resp:	6361
Ion Ratio	Lower	Upper	
113	100		
55	237.2	263.4	303.4#
56	171.4	179.0	219.0#

Manual Integrations
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MMdadoda
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#36

4-Chloro-3-methylphenol

Concen: 15.24 ng

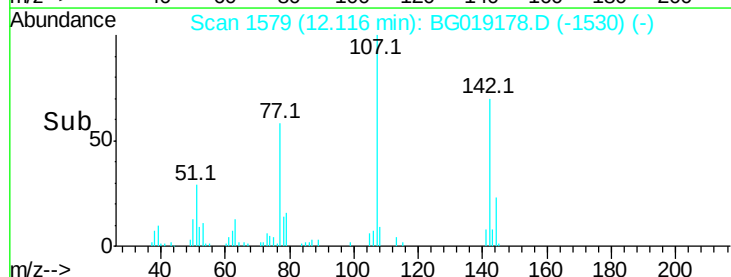
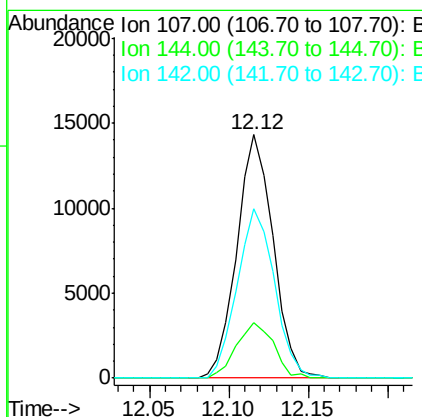
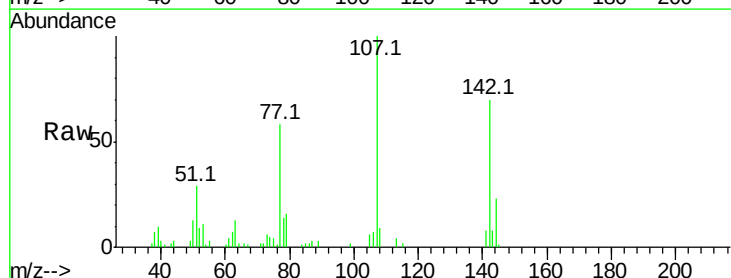
RT: 12.12 min Scan# 1579

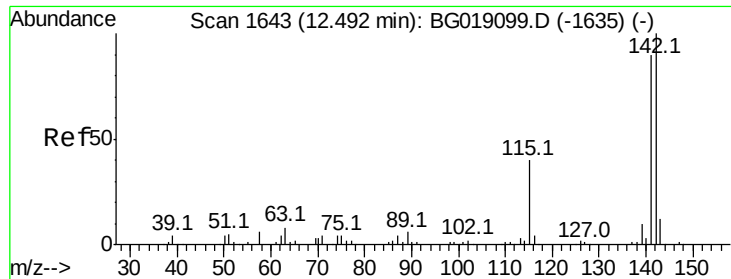
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	107	Resp:	22789
Ion Ratio	Lower	Upper	
107	100		
144	22.6	19.0	28.6
142	69.8	58.5	87.7





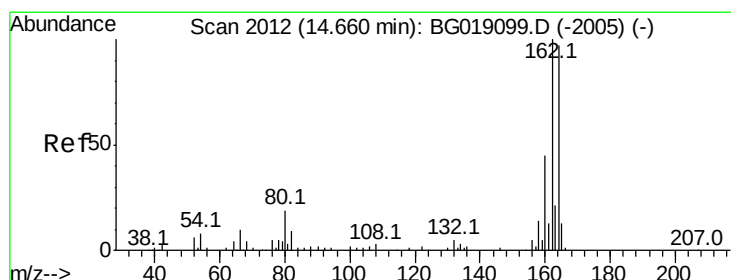
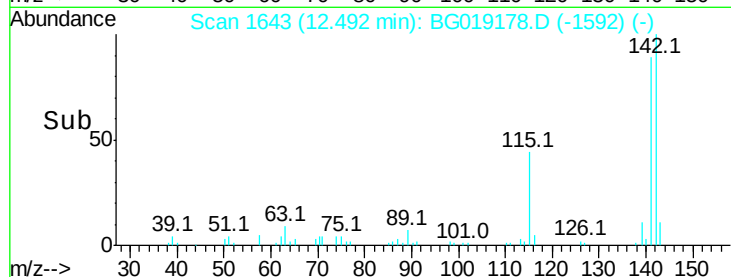
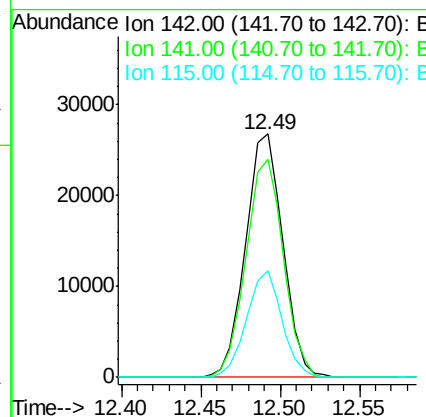
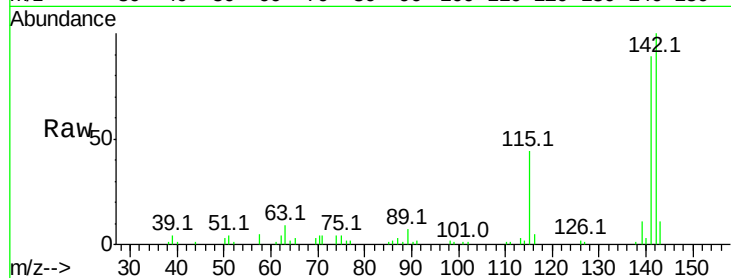
#37
2-Methylnaphthalene
Concen: 14.93 ng
RT: 12.49 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
115	43.8	31.8	47.8

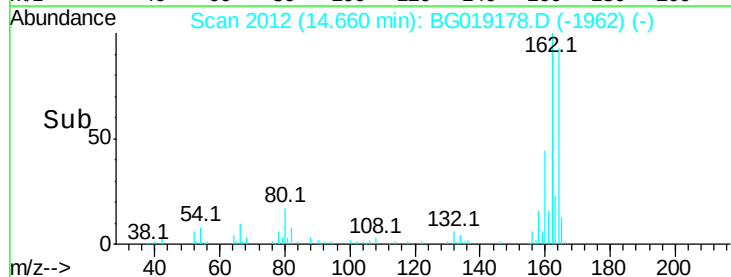
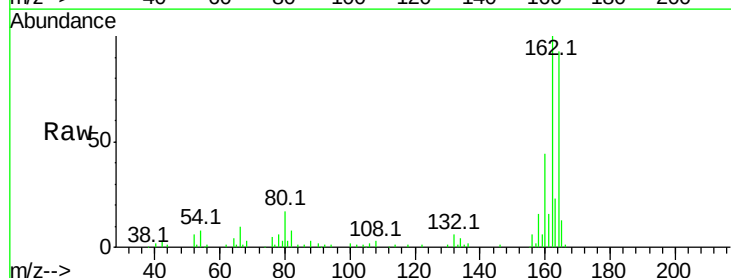
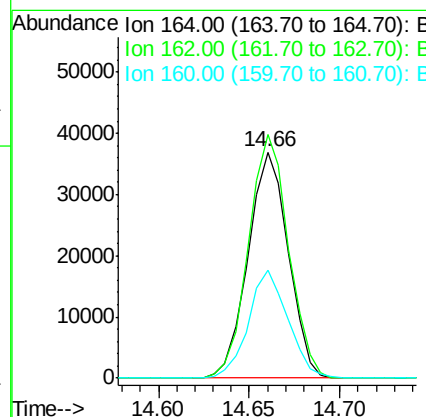
Manual Integrations
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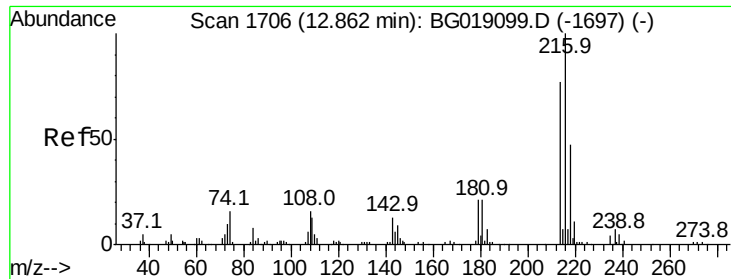
MMdadoda
10/13/2015 1:26:54 PM



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.66 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	107.8	82.6	124.0
160	47.9	36.9	55.3





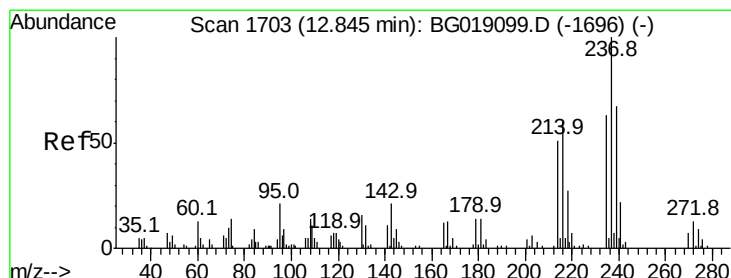
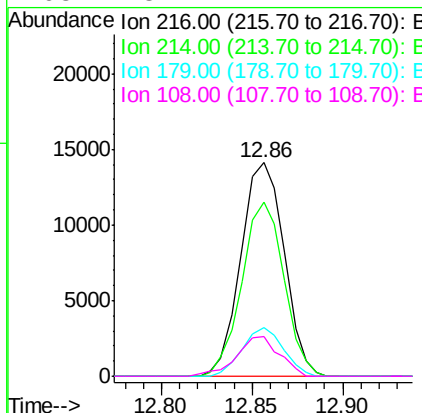
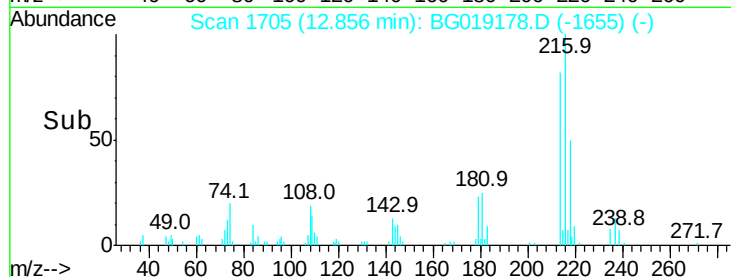
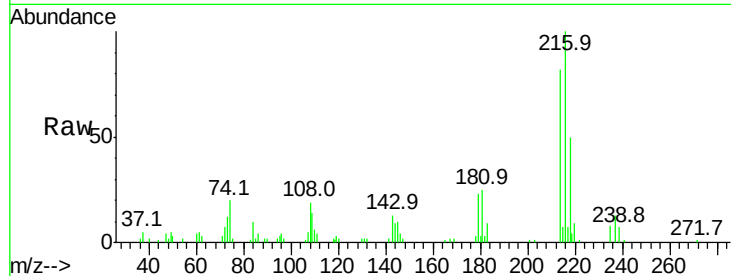
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 14.39 ng
 RT: 12.86 min Scan# 1705
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	64.0	96.0	
179	21.6	16.9	25.3	
108	18.1	14.7	22.1	

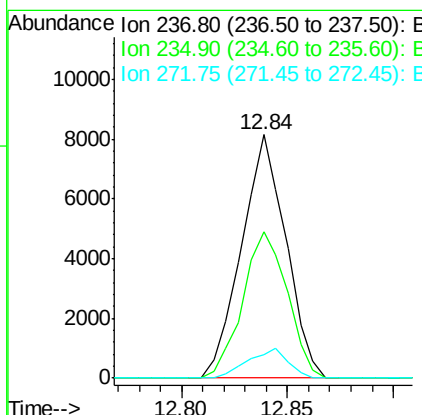
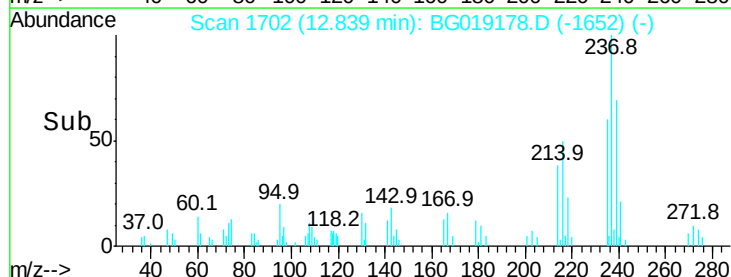
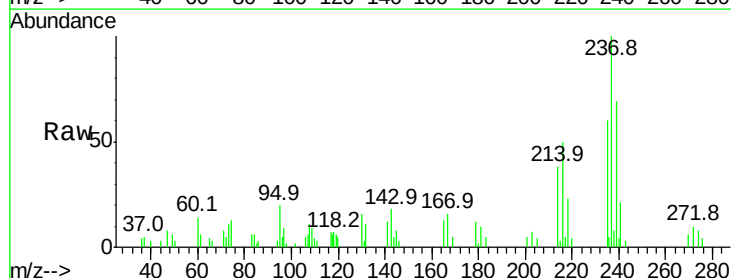
Manual Integrations
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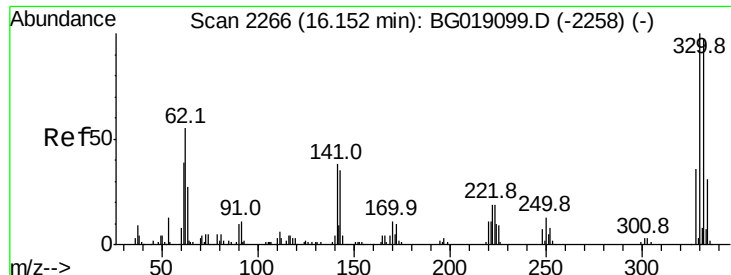
MMdadoda
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#40
 Hexachlorocyclopentadiene
 Concen: 13.97 ng
 RT: 12.84 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
237	100			
235	60.0	43.2	83.2	
272	9.5	0.0	33.2	





#41

2,4,6-Tribromophenol

Concen: 120.29 ng

RT: 16.15 min Scan# 2266

Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

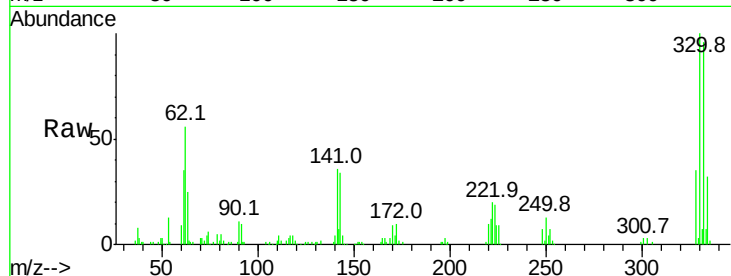
ClientSampleId :

LOQ-WATER2015-02

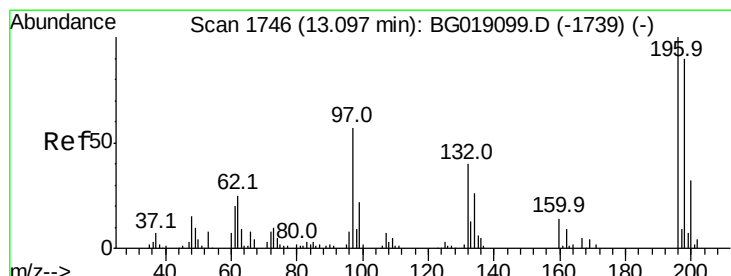
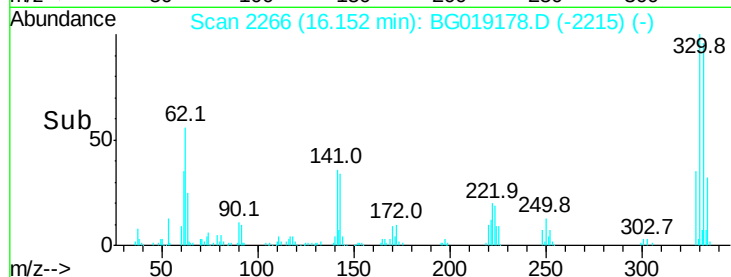
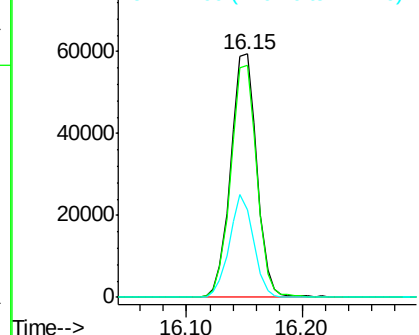
Tot Ion:	330	Resp:	93022
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.3	115.9
141	39.0	30.7	46.1

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



#42

2,4,6-Trichlorophenol

Concen: 14.54 ng

RT: 13.10 min Scan# 1746

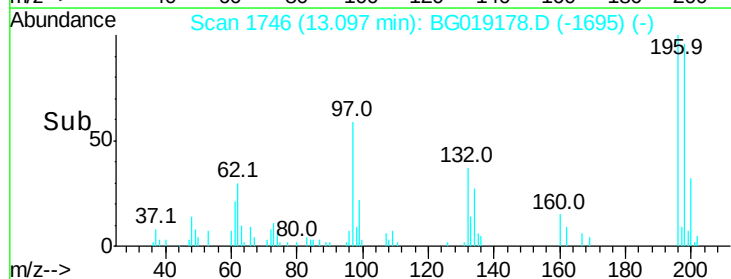
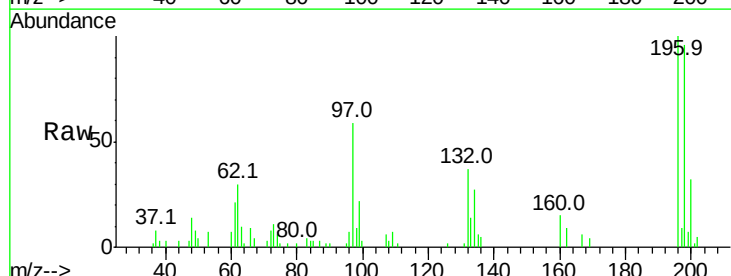
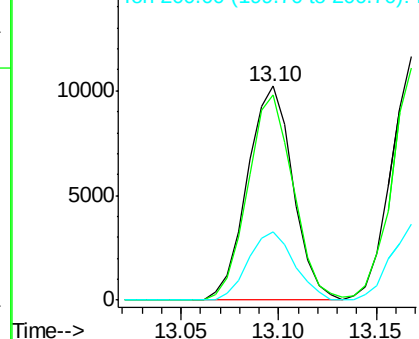
Delta R.T. -0.00 min

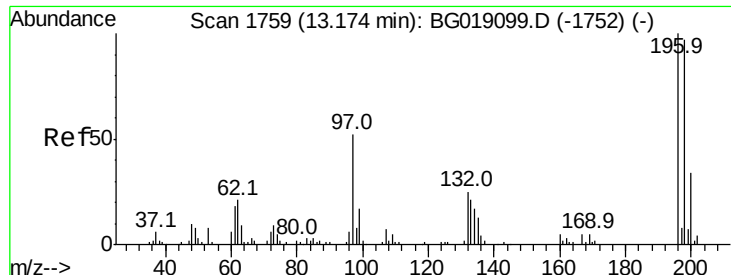
Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	196	Resp:	16509
Ion Ratio	Lower	Upper	
196	100		
198	96.2	72.0	108.0
200	31.8	25.5	38.3

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





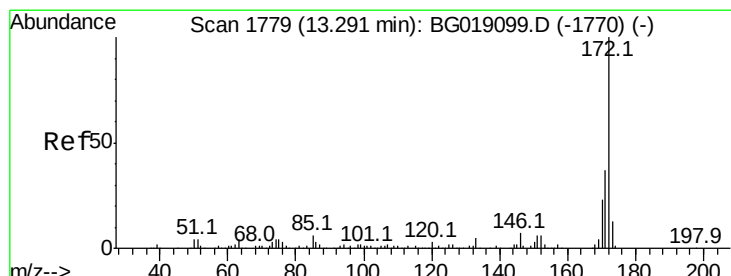
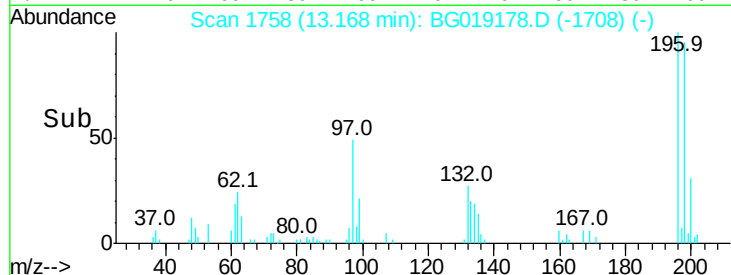
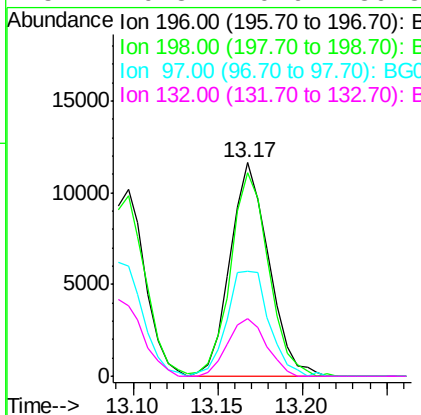
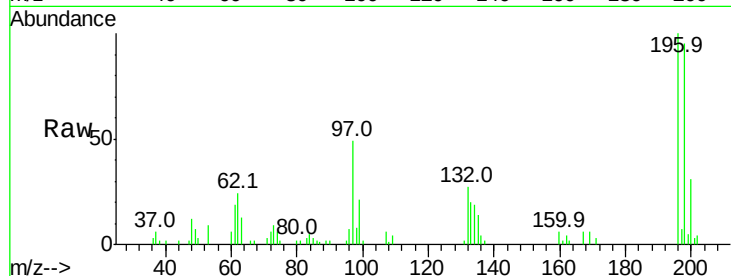
#43
2,4,5-Trichlorophenol
Concen: 15.36 ng
RT: 13.17 min Scan# 1758
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
196	100	18537		
198	95.1	77.7	116.5	
97	49.0	41.4	62.2	
132	26.8	20.6	30.8	

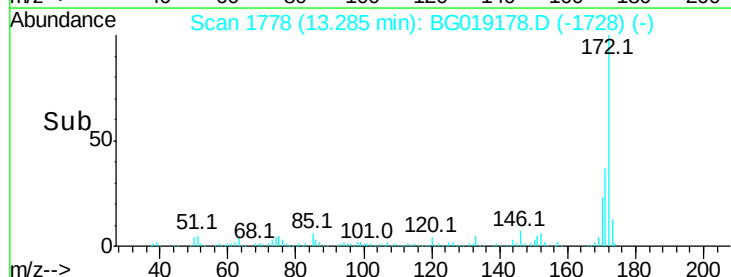
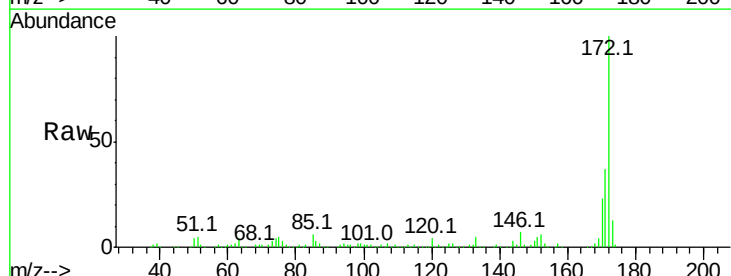
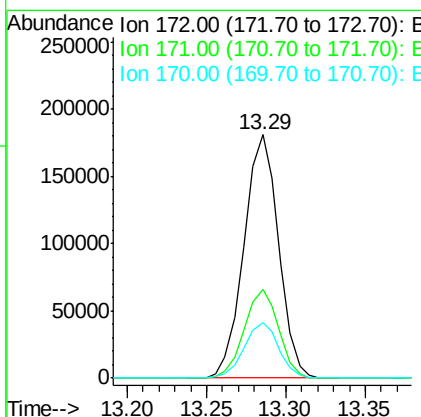
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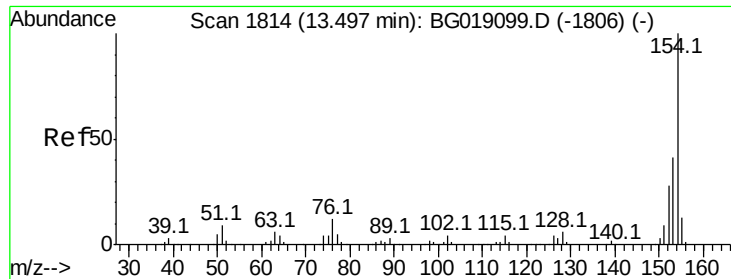
MMdadoda
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#44
2-Fluorobiphenyl
Concen: 74.23 ng
RT: 13.29 min Scan# 1778
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	273947		
171	36.5	29.9	44.9	
170	22.8	18.6	27.8	





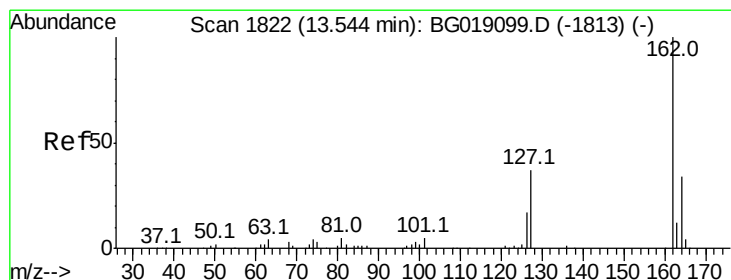
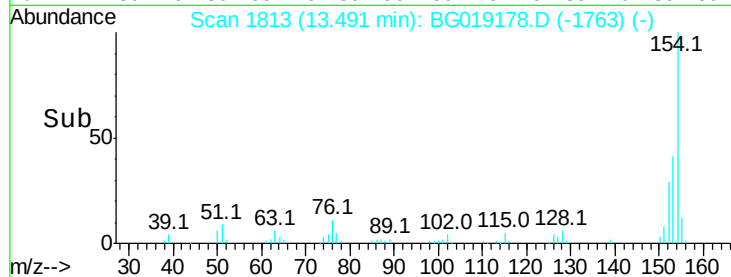
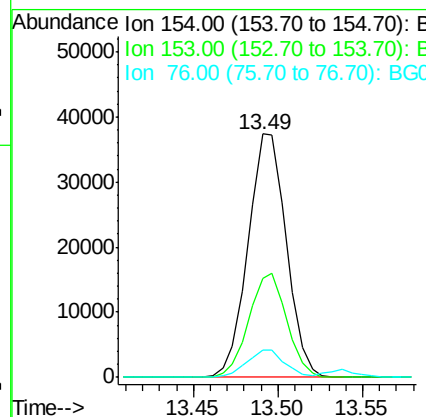
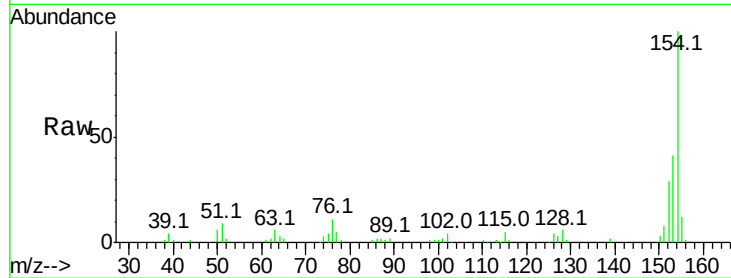
#45
 1,1'-Biphenyl
 Concen: 14.28 ng
 RT: 13.49 min Scan# 1813
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.6	20.6	60.6
76	11.1	0.0	32.2

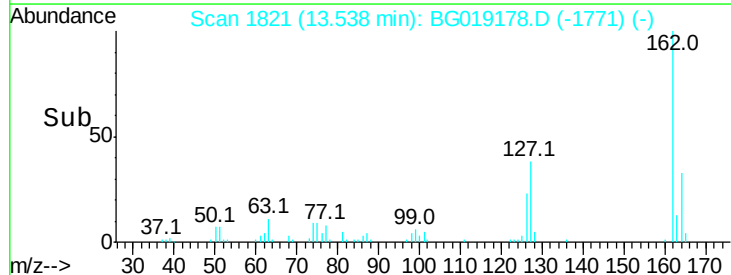
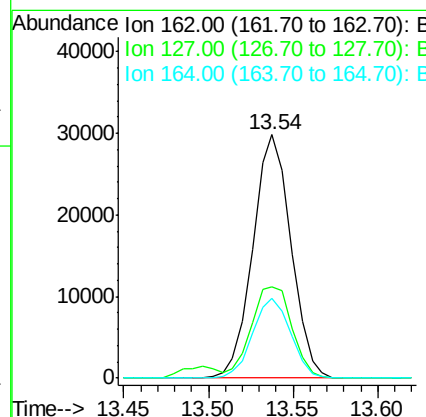
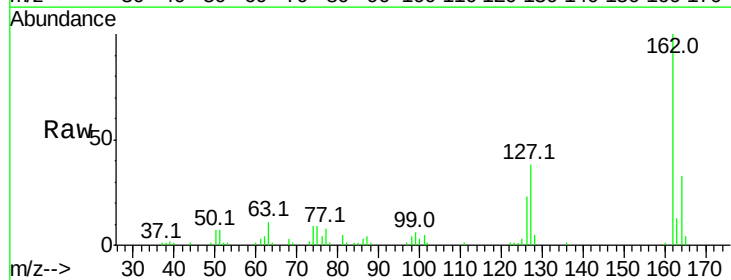
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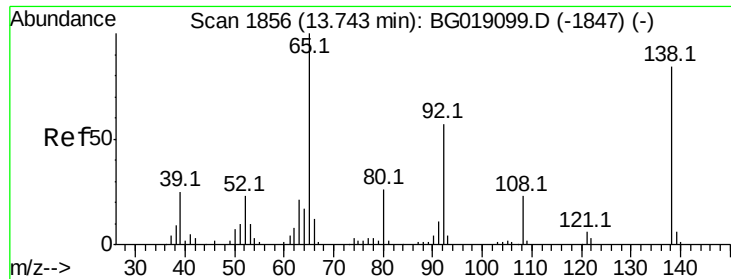
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#46
 2-Chloronaphthalene
 Concen: 14.78 ng
 RT: 13.54 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
162	100		
127	37.8	32.2	48.4
164	33.0	27.3	40.9





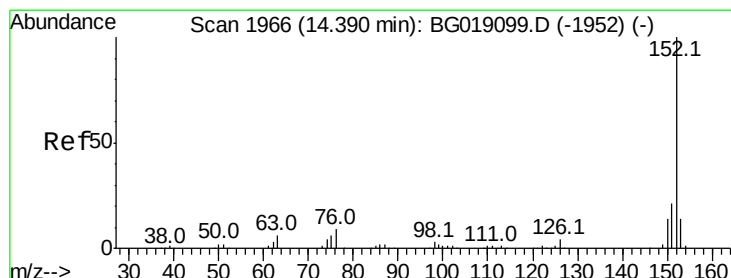
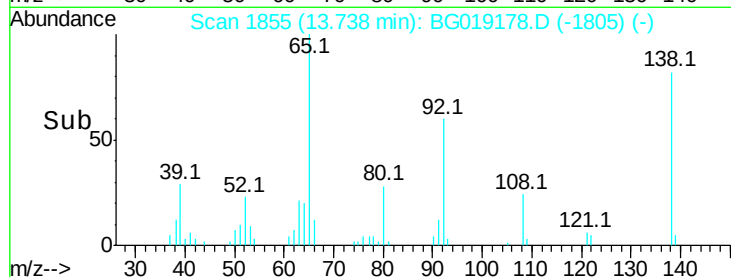
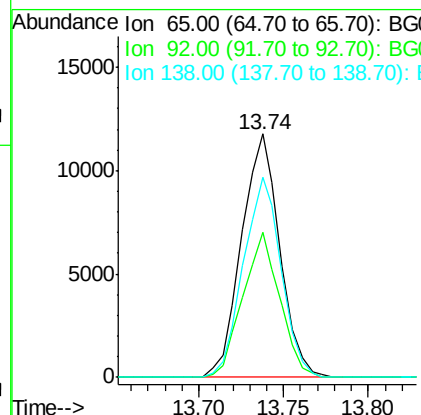
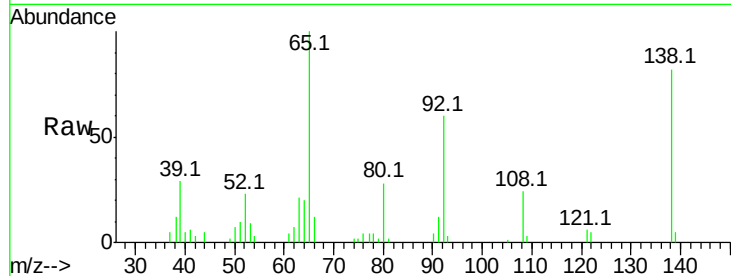
#47
 2-Nitroaniline
 Concen: 14.48 ng
 RT: 13.74 min Scan# 1855
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
65	100		
92	59.8	45.8	68.8
138	82.0	66.9	100.3

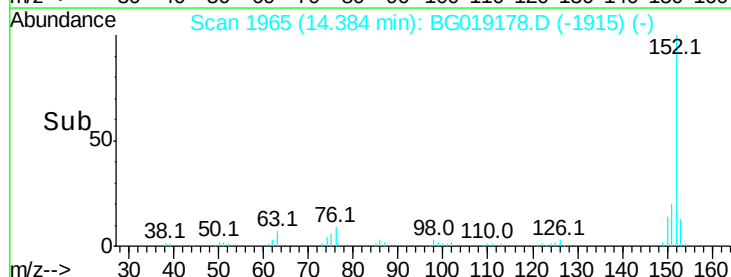
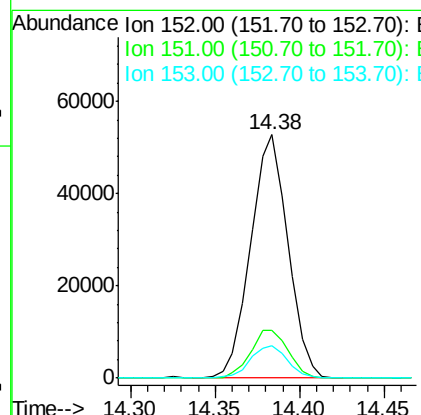
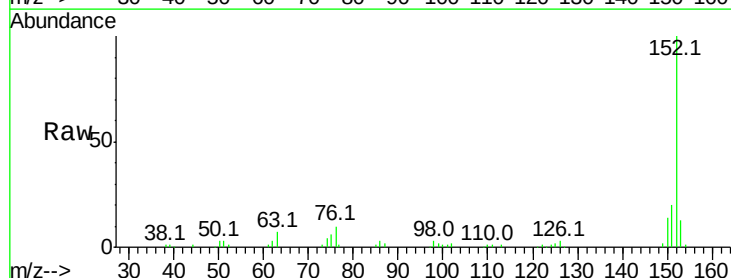
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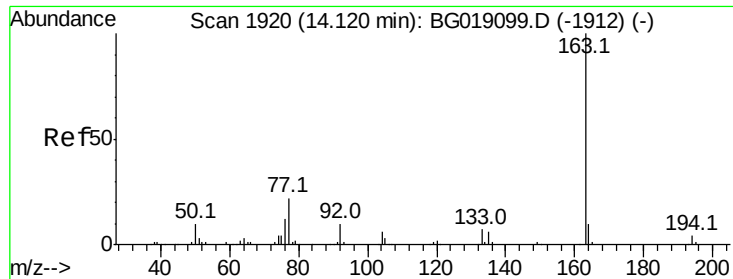
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#48
 Acenaphthylene
 Concen: 14.48 ng
 RT: 14.38 min Scan# 1965
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.8	25.2
153	13.2	11.0	16.4





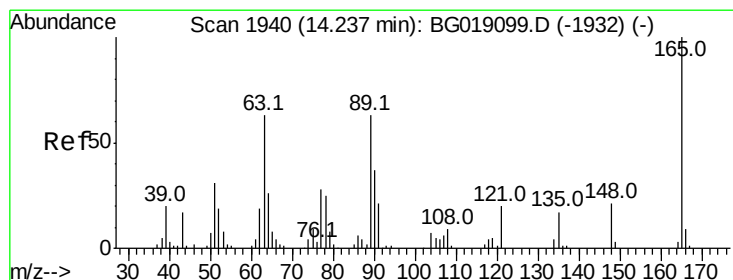
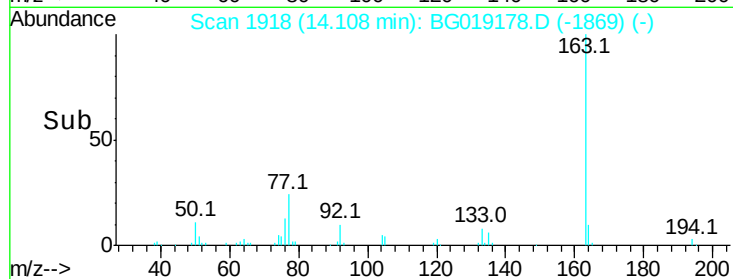
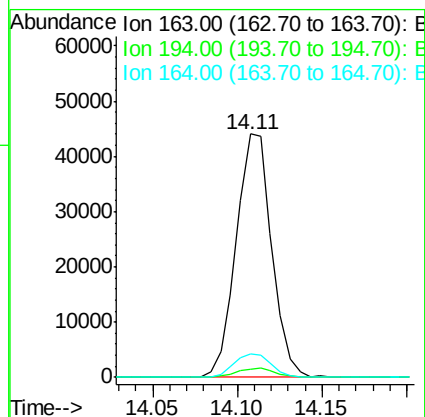
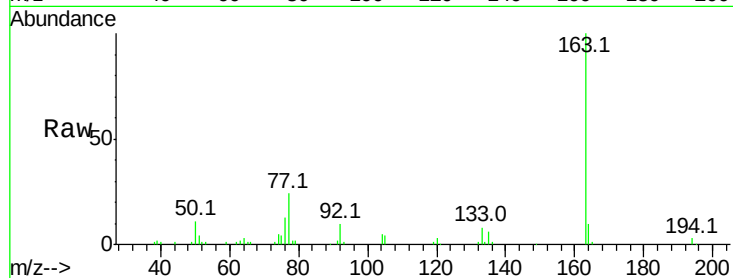
#49
Dimethylphthalate
Concen: 14.35 ng
RT: 14.11 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	3.2	4.8
164	9.8	8.1	12.1

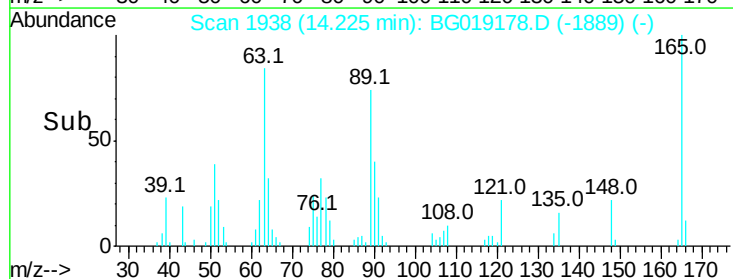
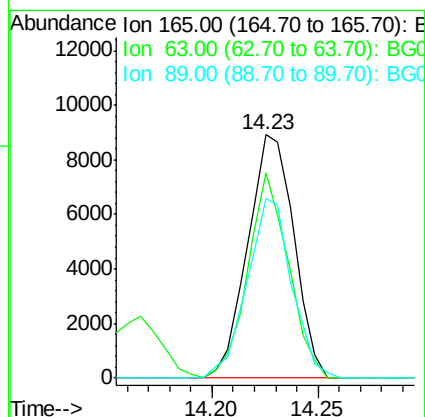
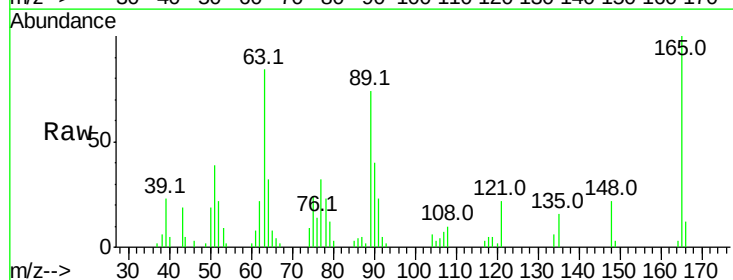
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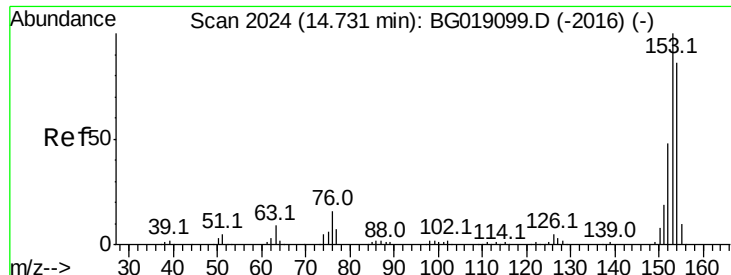
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#50
2,6-Dinitrotoluene
Concen: 14.12 ng
RT: 14.23 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
165	100		
63	84.2	52.6	78.8#
89	73.6	50.6	76.0





#51

Acenaphthene

Concen: 14.83 ng

RT: 14.72 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

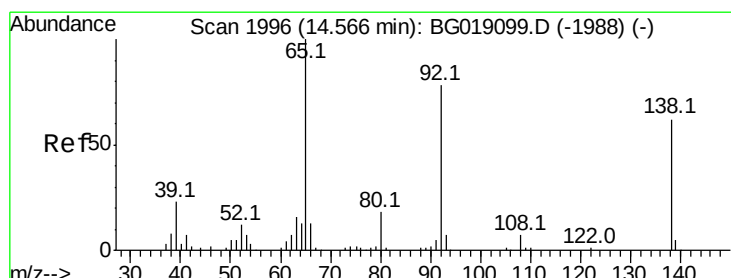
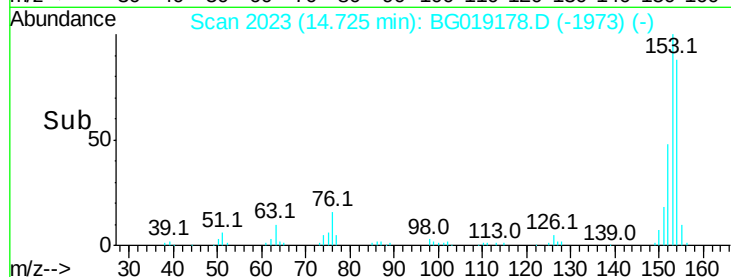
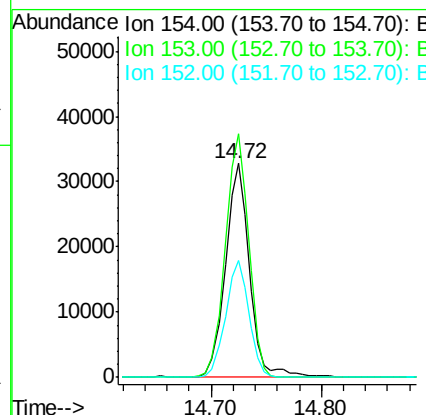
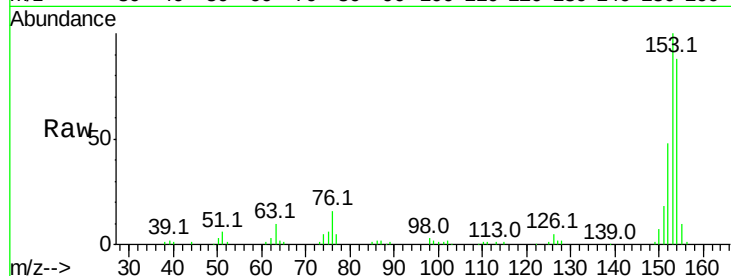
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	154	Resp:	49861
Ion Ratio	Lower	Upper	
154	100		
153	114.0	93.4	140.2
152	54.8	44.9	67.3

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#52

3-Nitroaniline

Concen: 11.21 ng

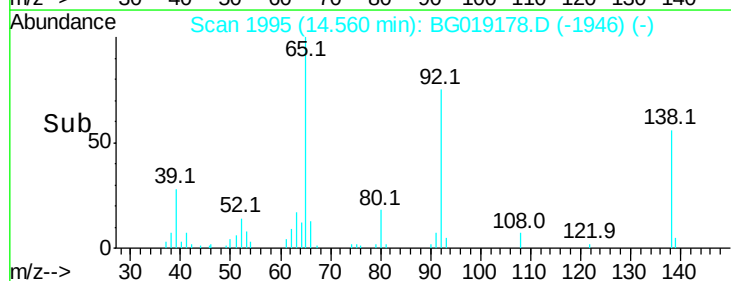
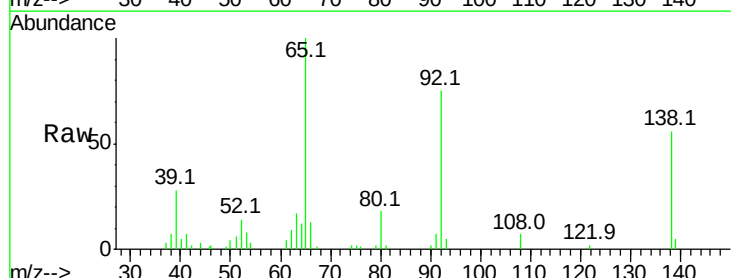
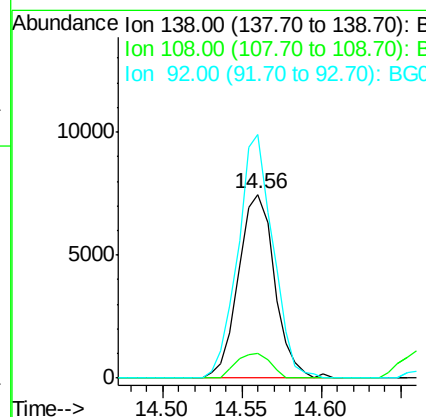
RT: 14.56 min Scan# 1995

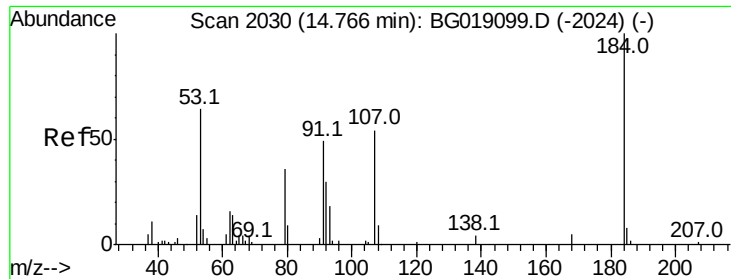
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	138	Resp:	11838
Ion Ratio	Lower	Upper	
138	100		
108	13.2	8.6	13.0#
92	132.7	101.4	152.0





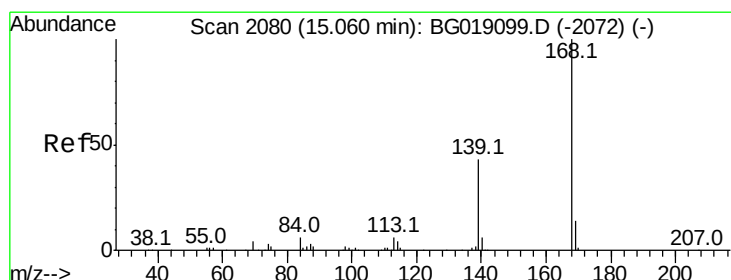
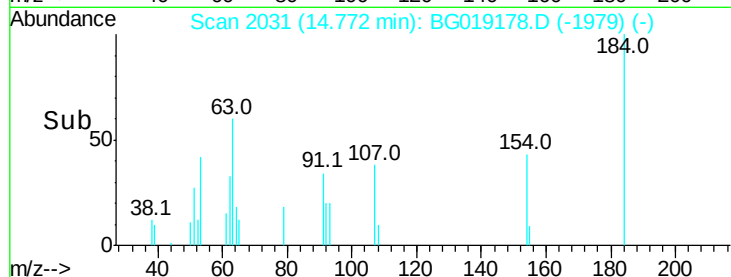
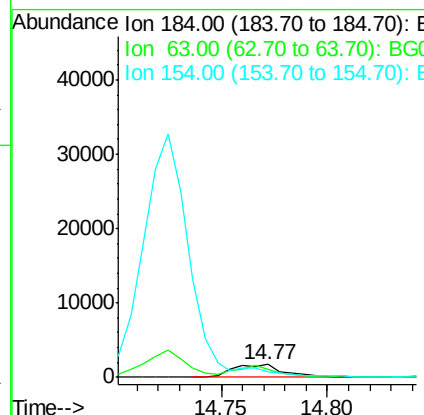
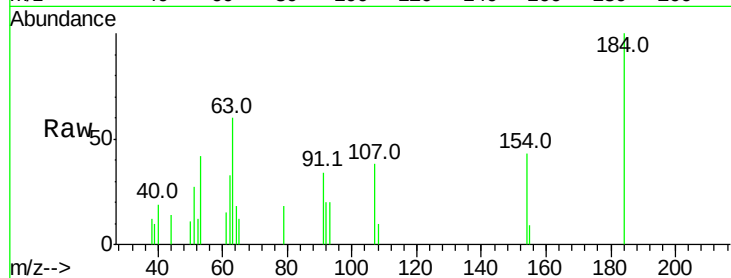
#53
2,4-Dinitrophenol
Concen: 8.72 na
RT: 14.77 min Scan# 2031
Delta R.T. 0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
184	100		
63	60.4	67.5	101.3#
154	42.9	62.4	93.6#

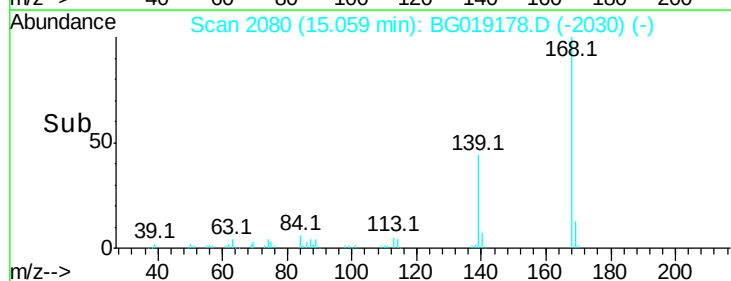
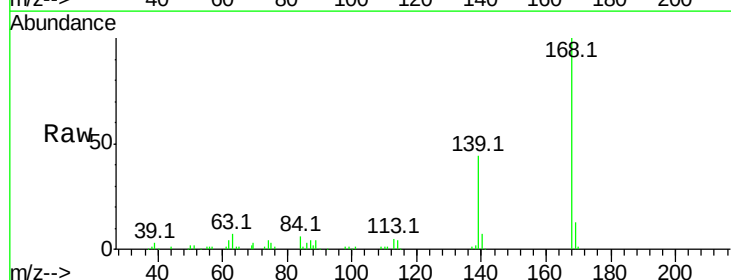
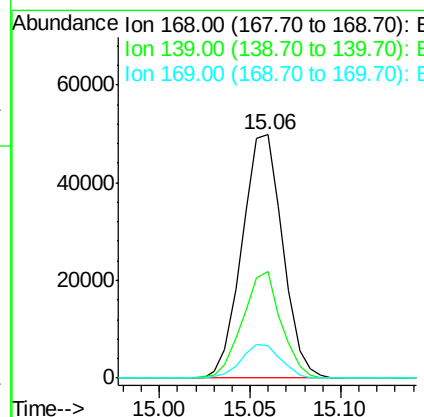
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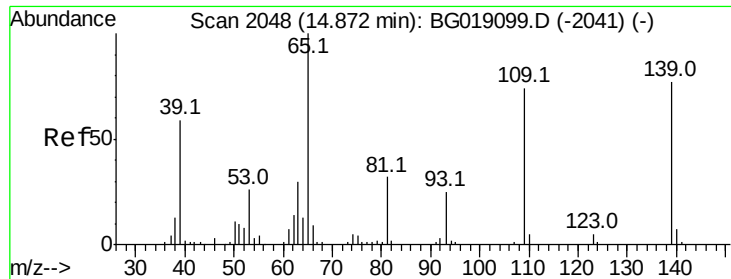
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#54
Dibenzofuran
Concen: 15.59 ng
RT: 15.06 min Scan# 2080
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
168	100		
139	43.7	34.2	51.4
169	13.3	11.4	17.0





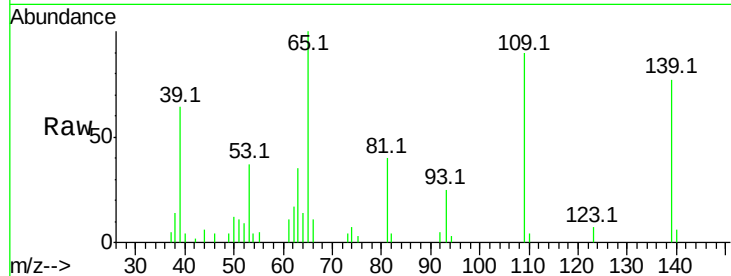
#55
4-Nitrophenol
Concen: 12.58 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
139	100		
109	116.8	76.8	116.8
65	129.2	110.0	150.0

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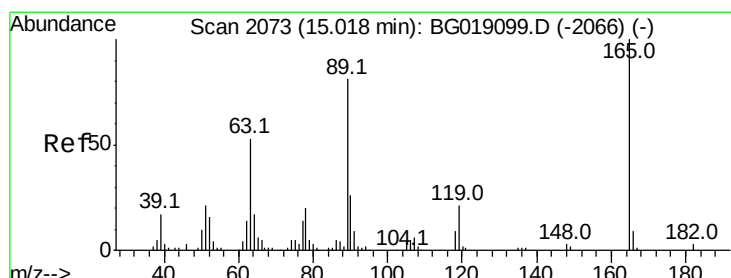
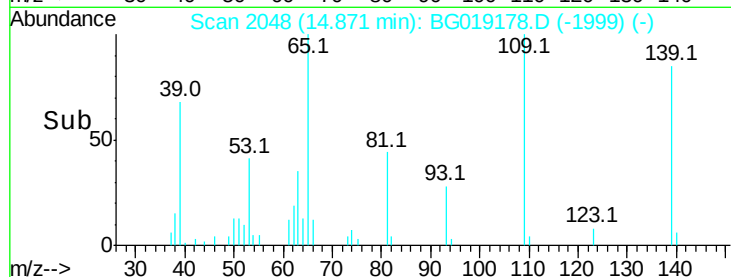
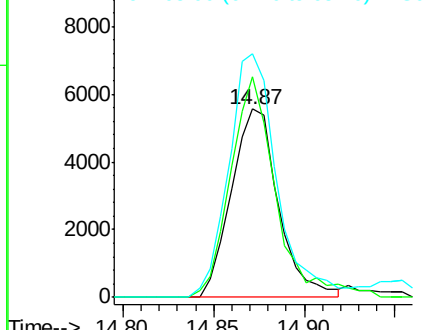


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC



#56
2,4-Dinitrotoluene
Concen: 14.86 ng
RT: 15.01 min Scan# 2072
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	51.9	42.2	63.2
89	80.7	64.8	97.2
182	3.2	2.4	3.6

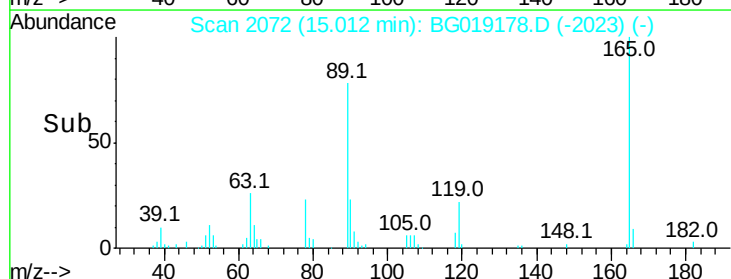
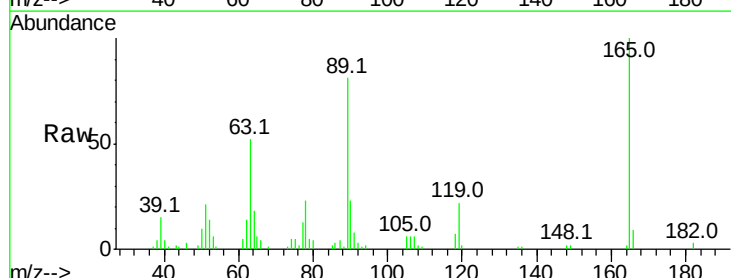
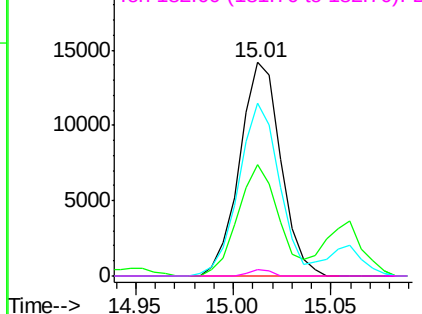
Abundance

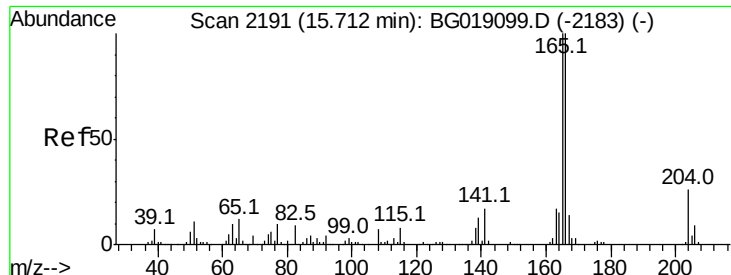
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





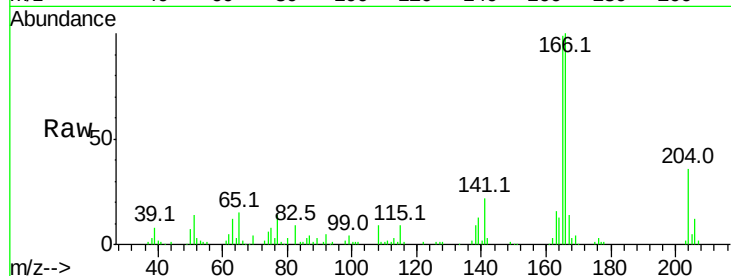
#57
Fluorene
 Concen: 15.18 ng
 RT: 15.71 min Scan# 2190
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

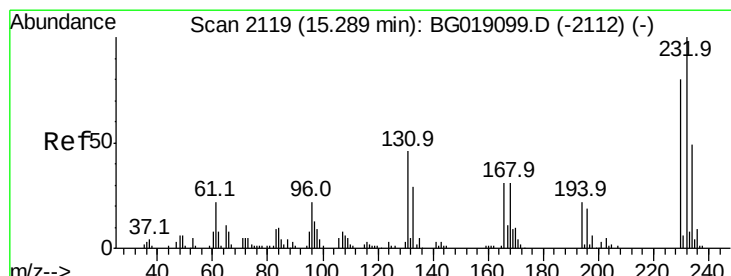
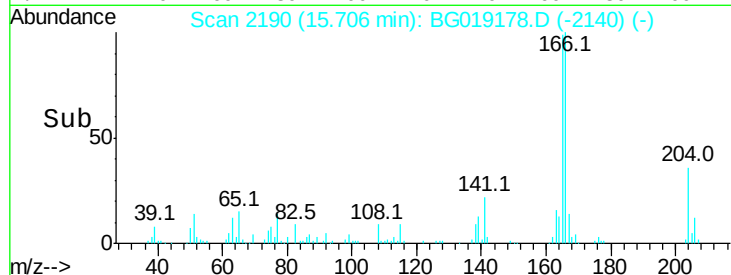
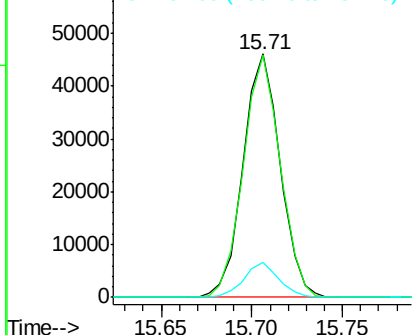
Tot Ion	Ratio	Resp	Lower	Upper
166	100	65444		
165	99.3	80.2	120.2	
167	14.4	11.4	17.0	

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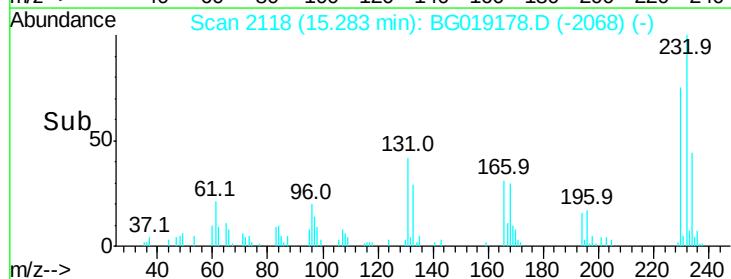
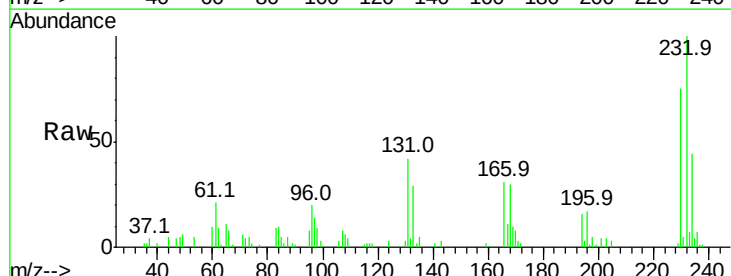
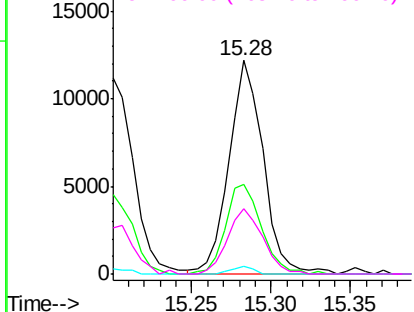
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

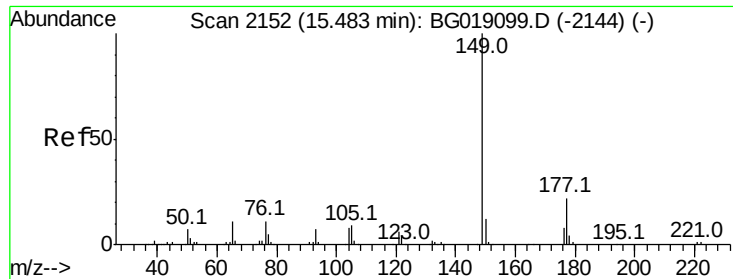


#58
2,3,4,6-Tetrachlorophenol
 Concen: 15.98 ng
 RT: 15.28 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	18253		
131	44.0	36.5	54.7	
130	2.2	2.3	3.5	
166	31.7	25.7	38.5	

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E





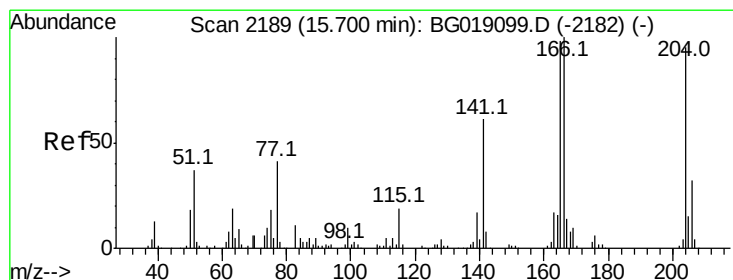
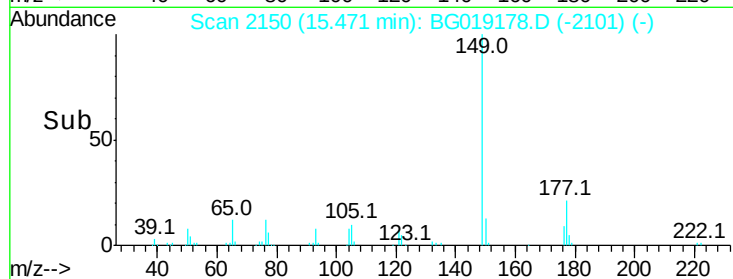
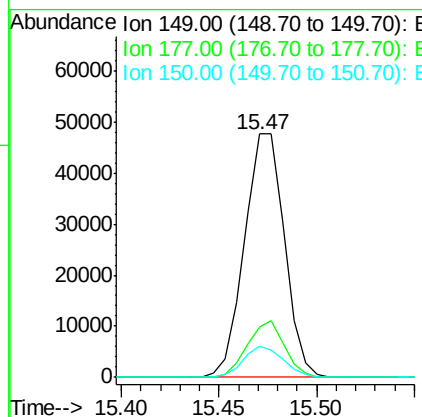
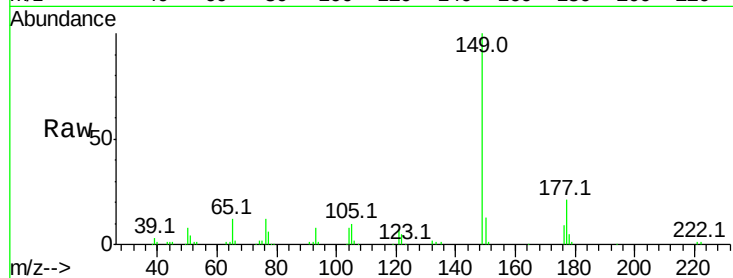
#59
Diethylphthalate
Concen: 14.54 ng
RT: 15.47 min Scan# 2150
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.7	26.5
150	12.7	9.4	14.2

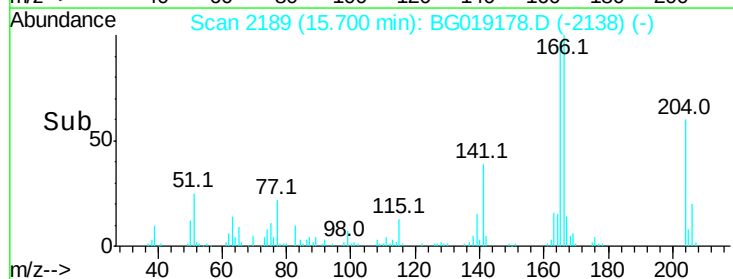
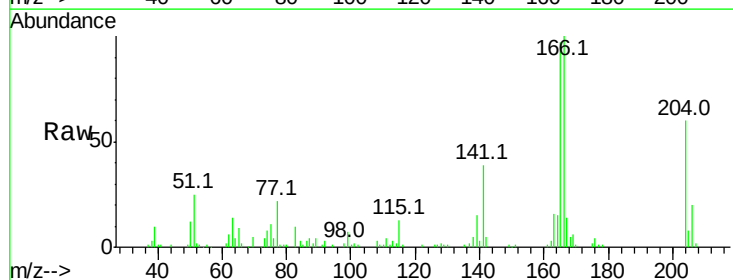
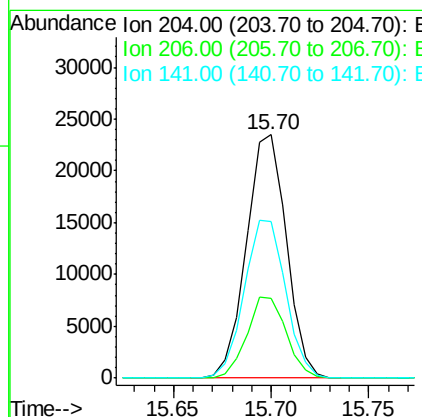
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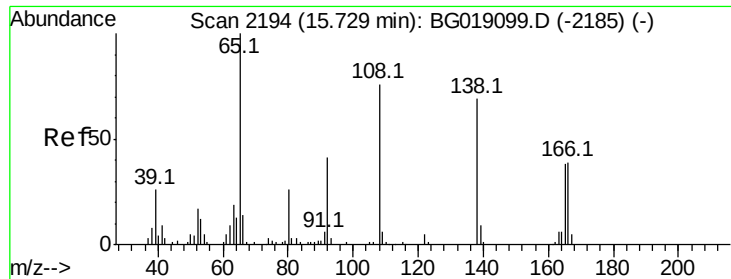
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#60
4-Chlorophenyl-phenylether
Concen: 15.21 ng
RT: 15.70 min Scan# 2189
Delta R.T. -0.00 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.6	27.0	40.4
141	64.2	51.9	77.9





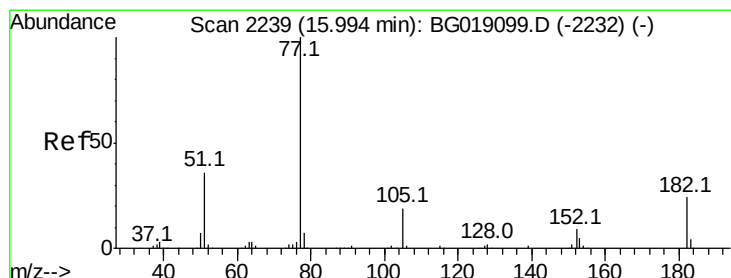
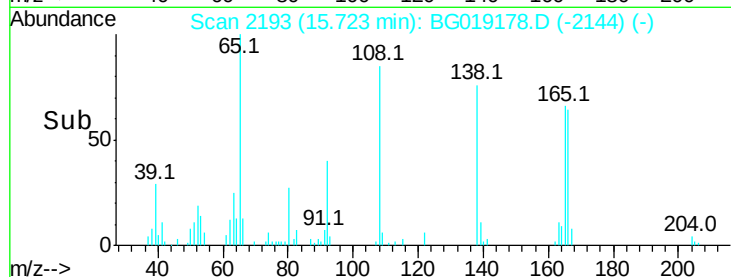
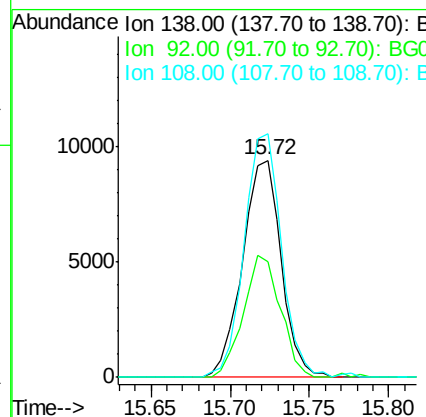
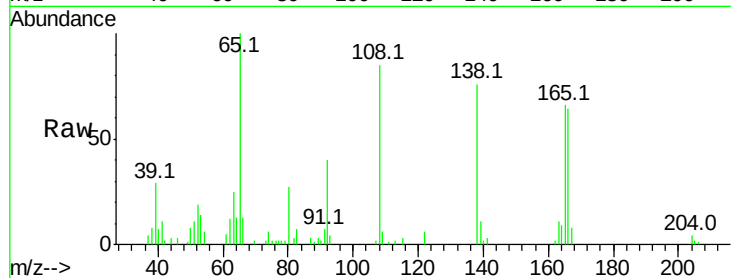
#61
4-Nitroaniline
Concen: 13.83 ng
RT: 15.72 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
138	100		
92	53.3	39.0	79.0
108	112.0	90.8	130.8

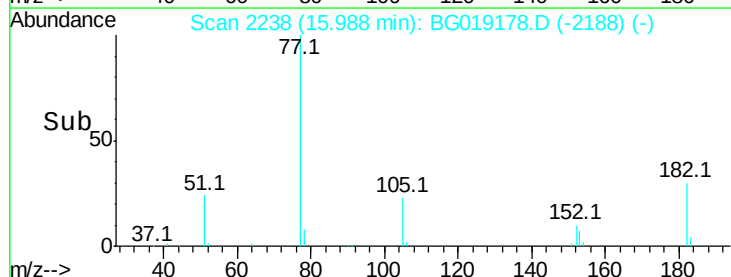
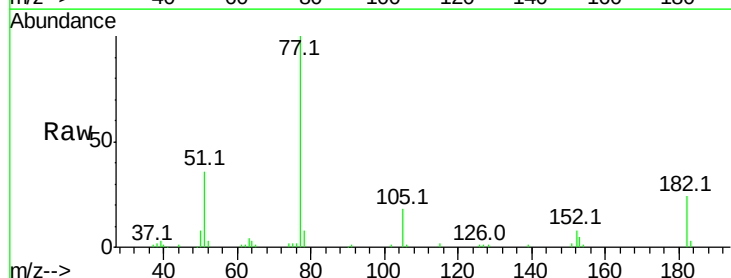
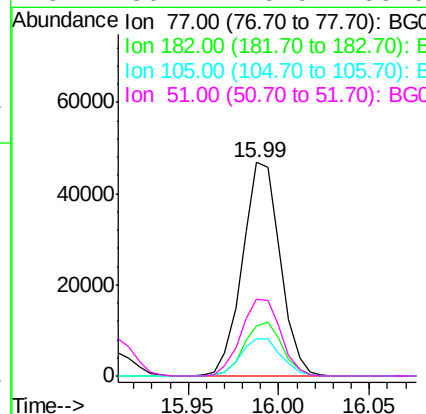
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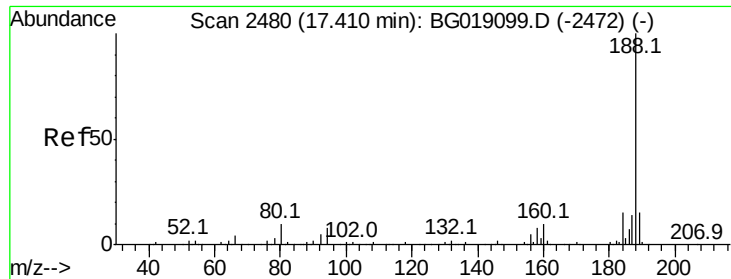
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#62
Azobenzene
Concen: 15.71 ng
RT: 15.99 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.6	4.4	44.4
105	17.7	0.0	39.1
51	36.2	15.9	55.9





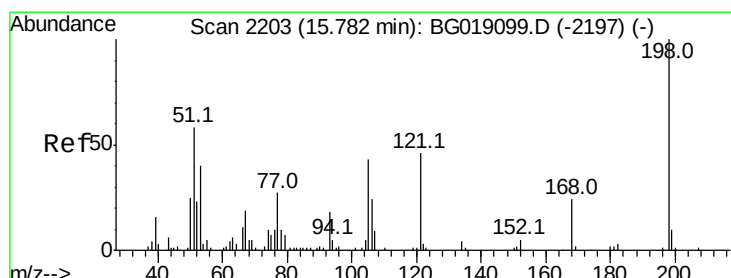
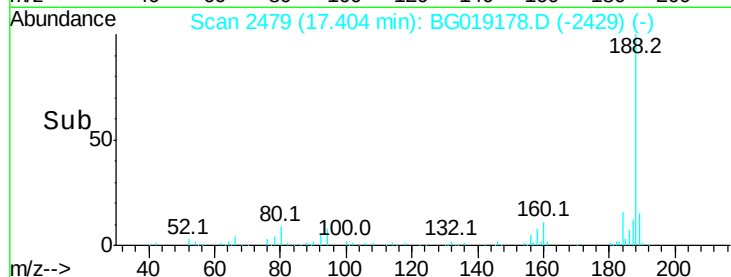
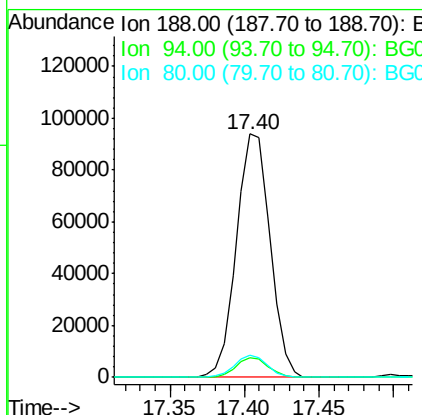
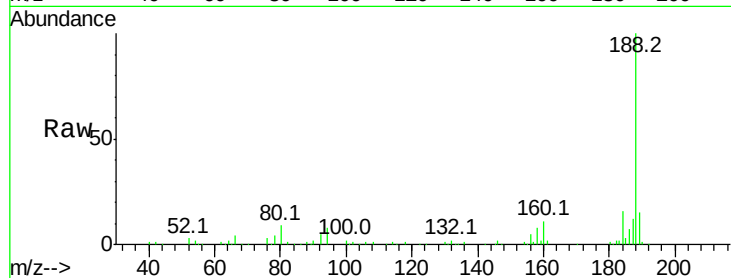
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.0	6.4	9.6
80	9.2	7.6	11.4

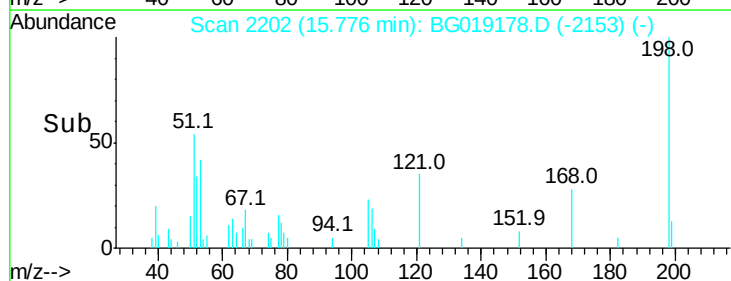
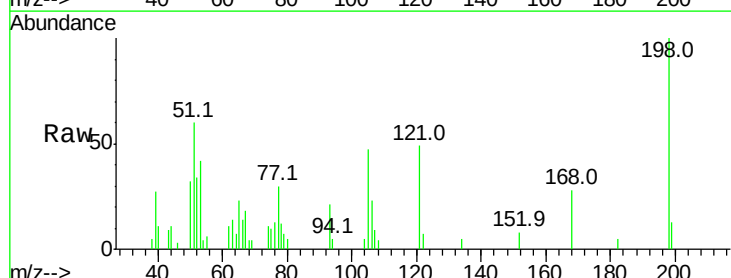
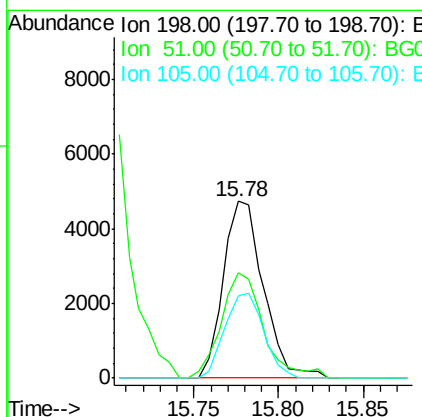
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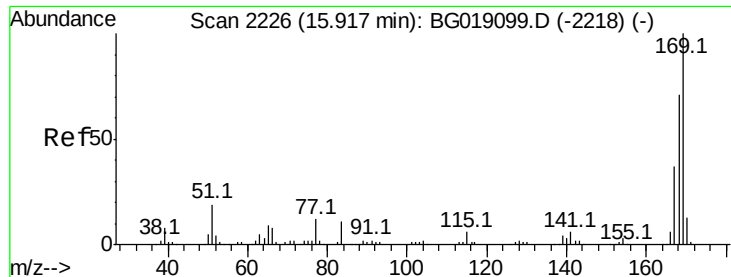
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#64
4,6-Dinitro-2-methylphenol
Concen: 9.72 ng
RT: 15.78 min Scan# 2202
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	59.8	40.1	80.1
105	46.8	23.4	63.4





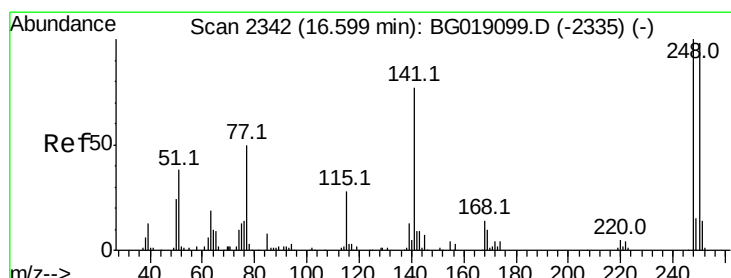
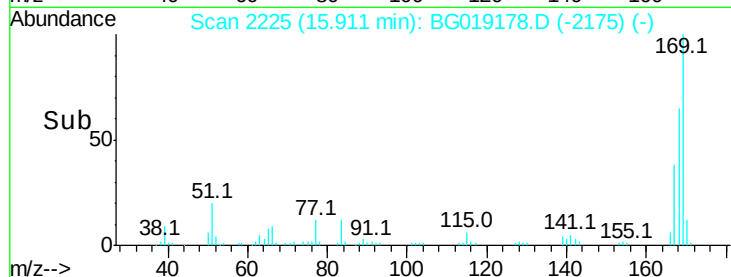
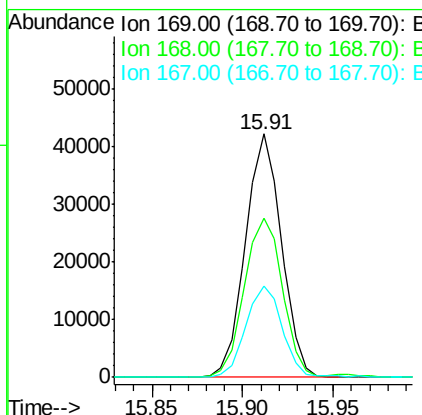
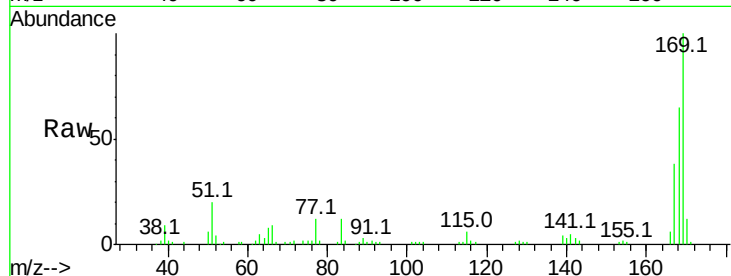
#65
 n-Nitrosodiphenylamine
 Concen: 14.35 ng
 RT: 15.91 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	65.5	56.6	84.8	
167	37.6	30.0	45.0	

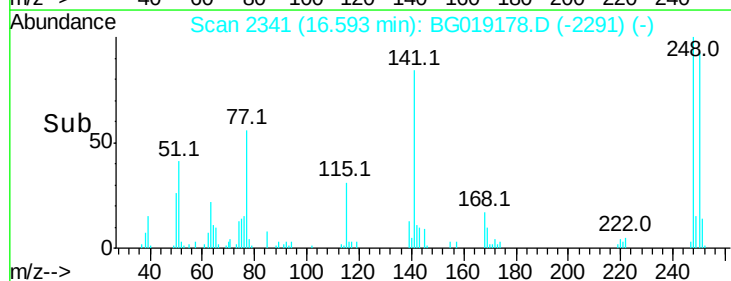
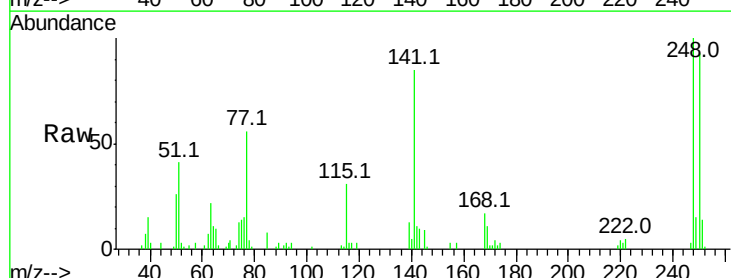
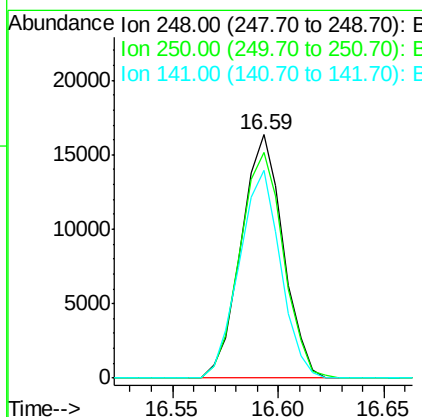
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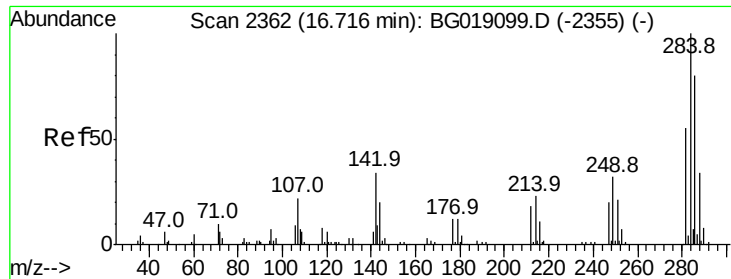
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#66
 4-Bromophenyl-phenylether
 Concen: 15.10 ng
 RT: 16.59 min Scan# 2341
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	92.7	78.4	117.6	
141	85.1	61.7	92.5	





#67

Hexachlorobenzene

Concen: 15.03 ng

RT: 16.71 min Scan# 2361

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

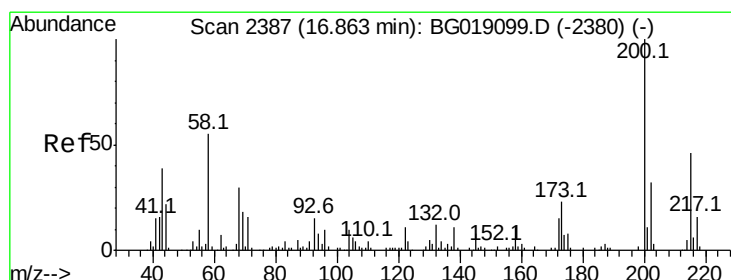
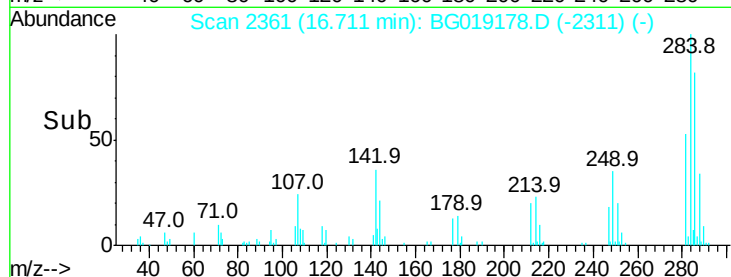
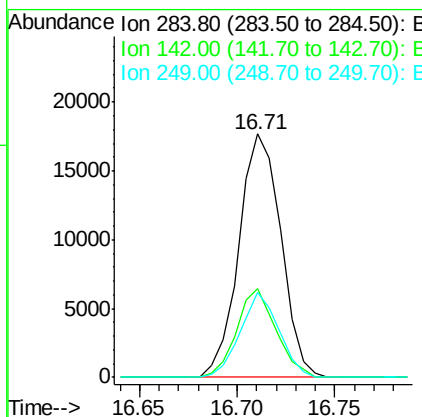
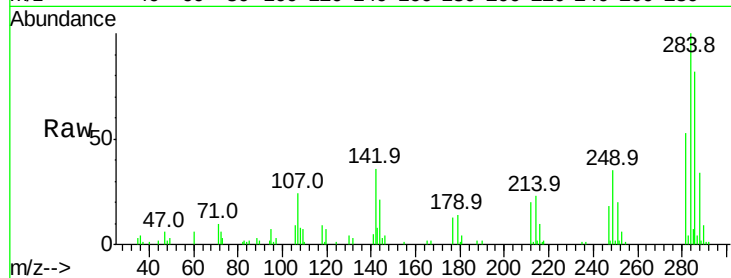
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	284	Resp:	26353
Ion Ratio		Lower	Upper
284	100		
142	36.4	27.0	40.4
249	35.0	25.4	38.2

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#68

Atrazine

Concen: 14.45 ng

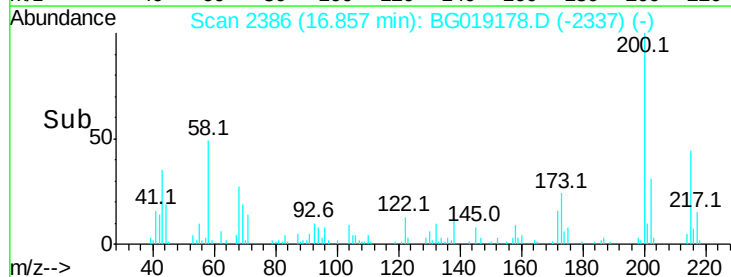
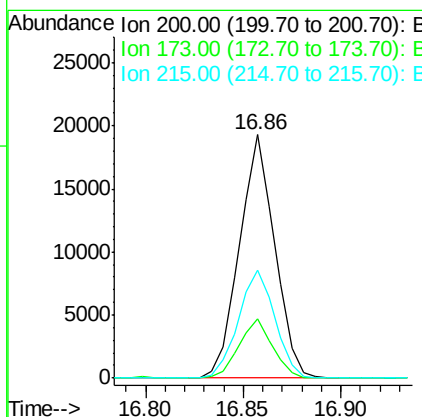
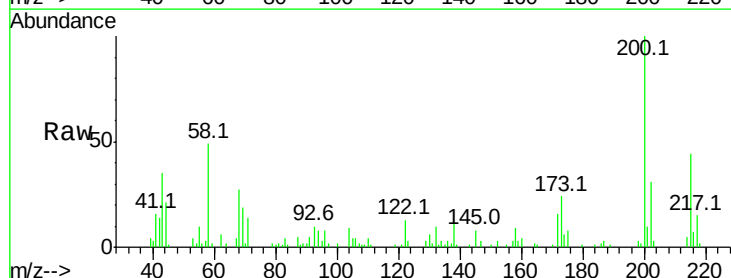
RT: 16.86 min Scan# 2386

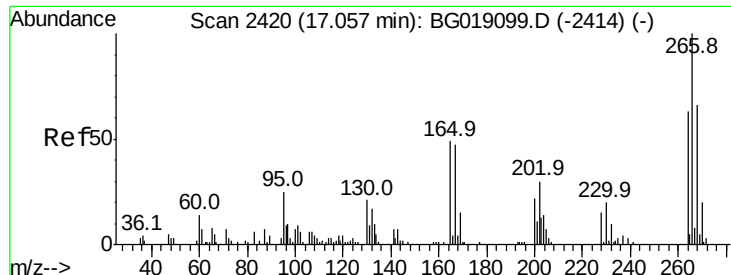
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	200	Resp:	24169
Ion Ratio		Lower	Upper
200	100		
173	24.3	3.3	43.3
215	44.1	26.4	66.4





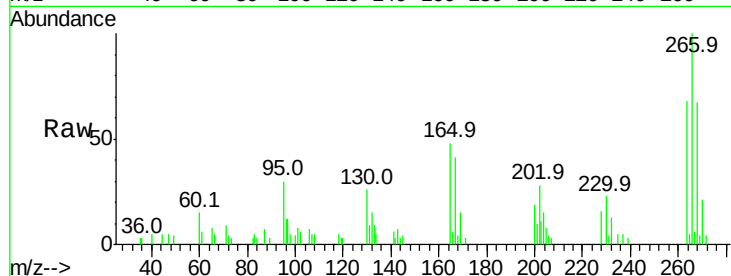
#69
 Pentachlorophenol
 Concen: 11.05 ng
 RT: 17.06 min Scan# 2420
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

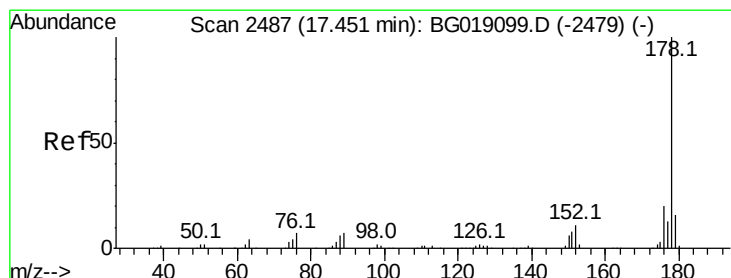
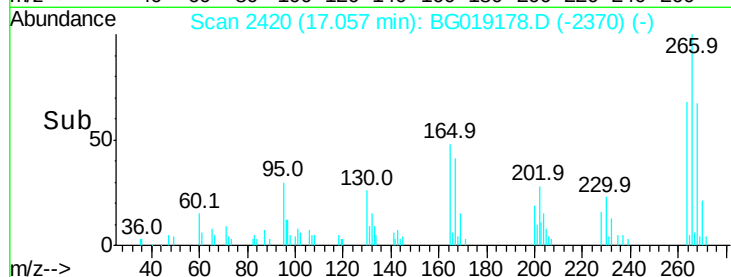
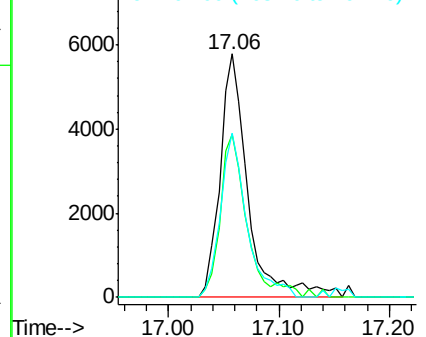
Tot Ion	Ratio	Resp	Lower	Upper
266	100	10105		
268	67.1	53.0	79.4	
264	72.3	50.1	75.1	

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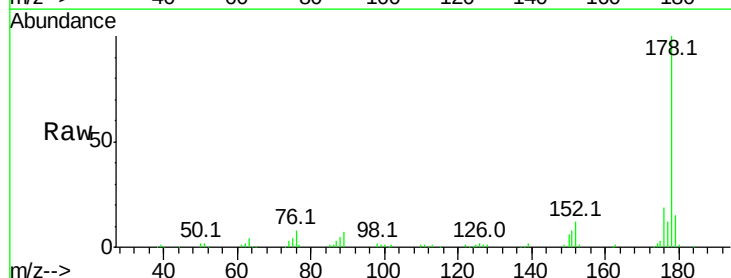


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

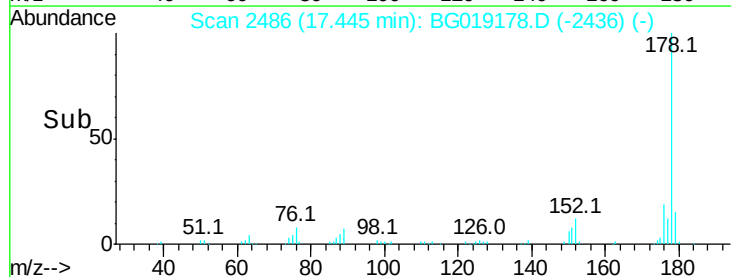
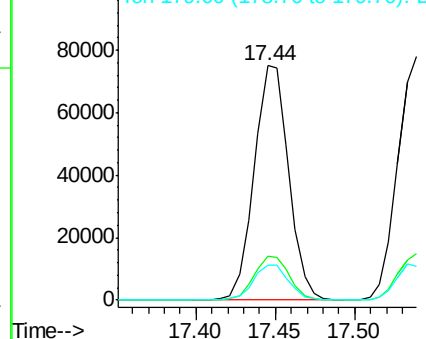


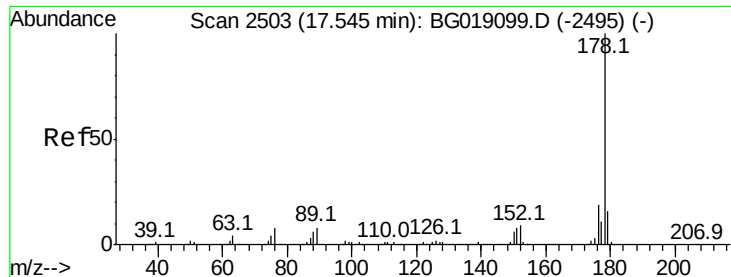
#70
 Phenanthrene
 Concen: 14.97 ng
 RT: 17.44 min Scan# 2486
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	113172		
176	18.7	16.3	24.5	
179	14.7	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





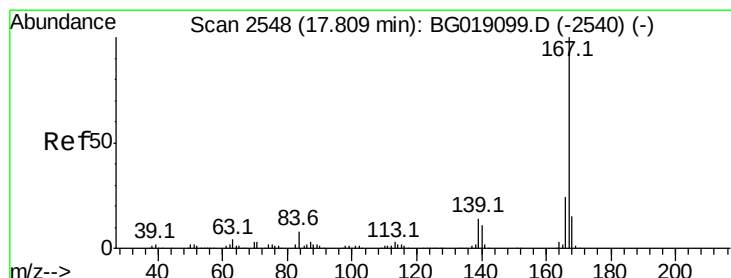
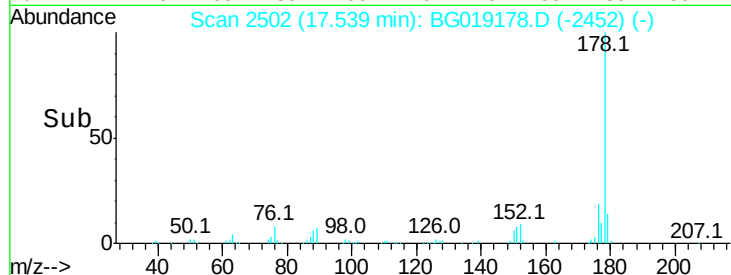
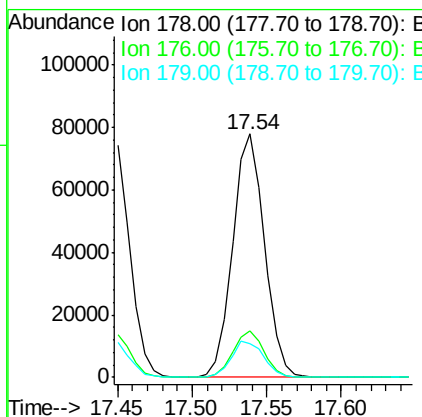
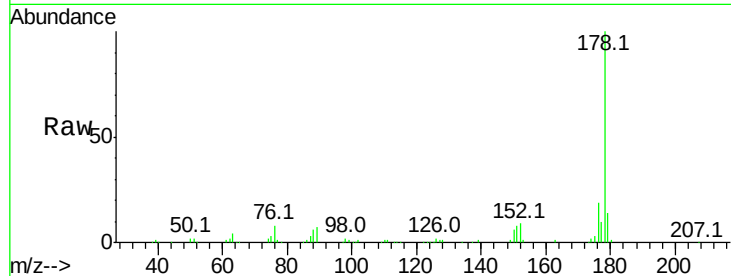
#71
 Anthracene
 Concen: 15.27 ng
 RT: 17.54 min Scan# 2502
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.5	23.3
179	14.1	12.9	19.3

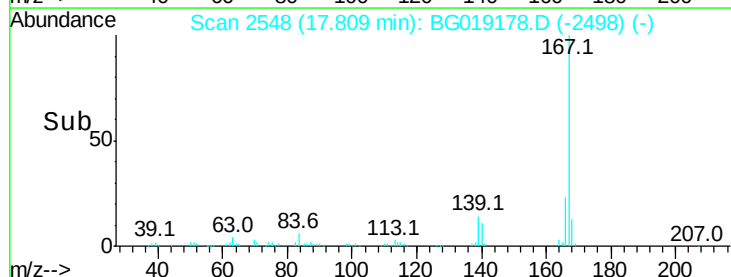
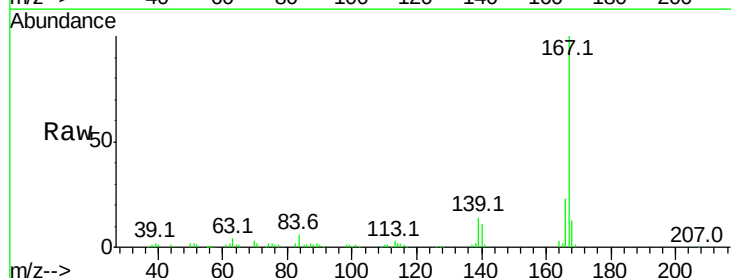
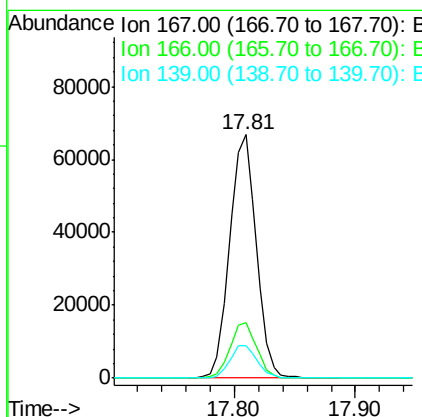
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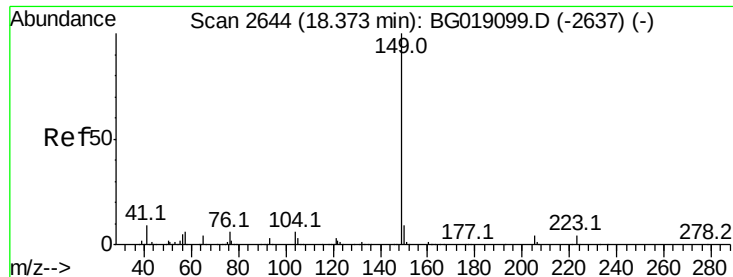
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#72
 Carbazole
 Concen: 14.46 ng
 RT: 17.81 min Scan# 2548
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.7	19.1	28.7
139	13.6	11.2	16.8





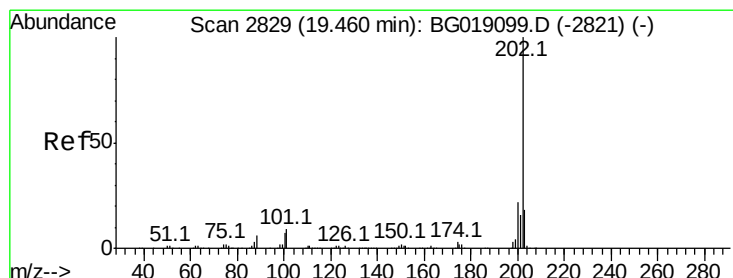
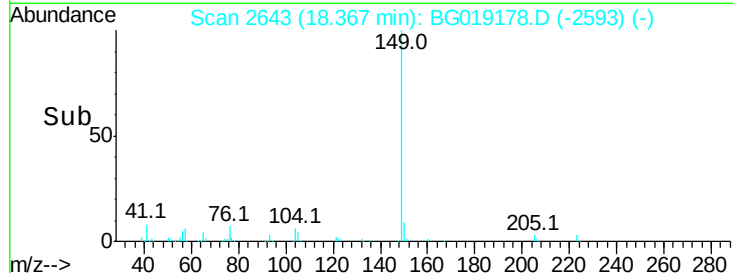
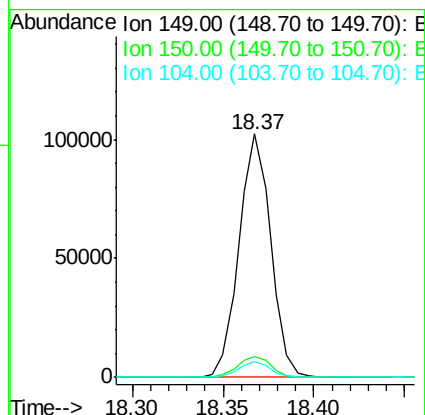
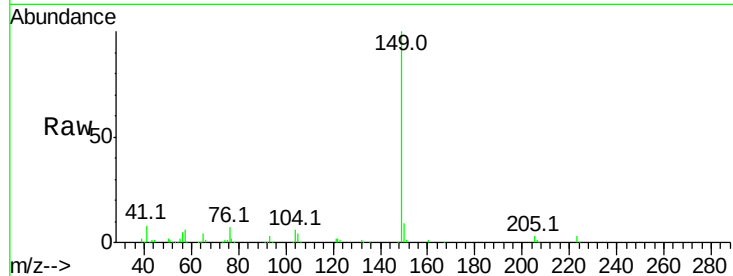
#73
Di-n-butylphthalate
Concen: 14.31 ng
RT: 18.37 min Scan# 2643
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion:	149	Resp:	124104
Ion Ratio	Lower	Upper	
149	100		
150	8.5	7.5	11.3
104	6.5	5.0	7.6

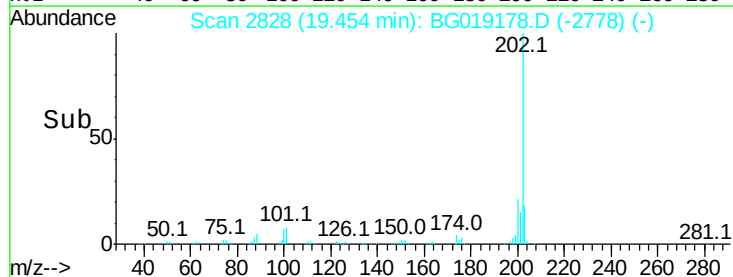
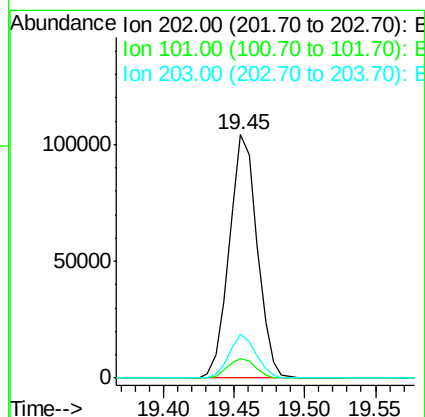
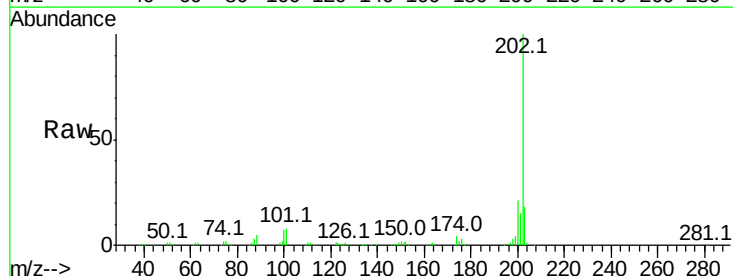
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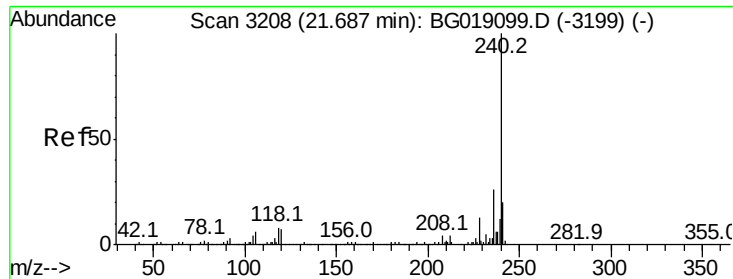
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#74
Fluoranthene
Concen: 14.73 ng
RT: 19.45 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion:	202	Resp:	143355
Ion Ratio	Lower	Upper	
202	100		
101	8.1	0.0	28.9
203	17.8	0.0	38.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.68 min Scan# 3207

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

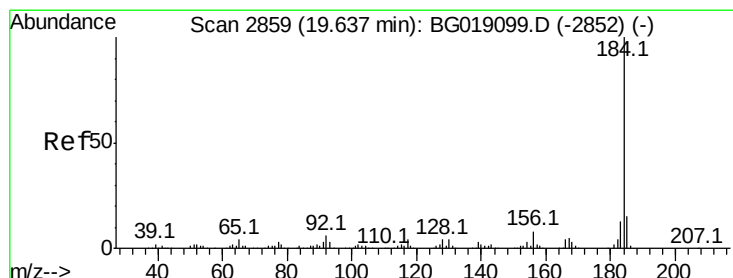
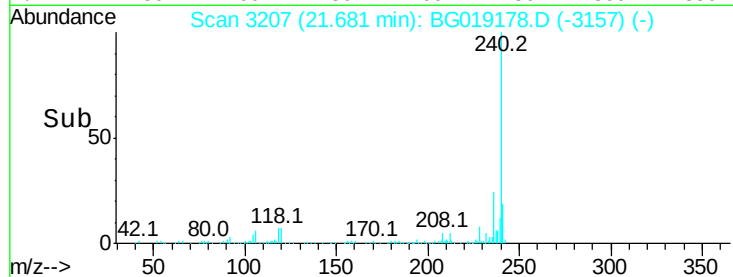
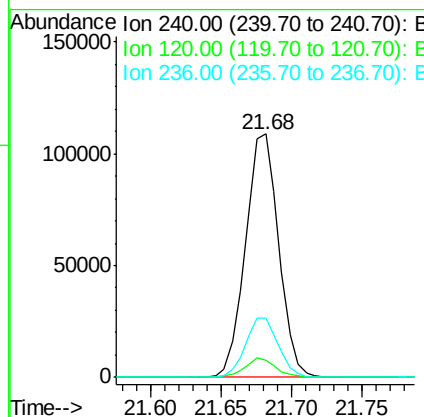
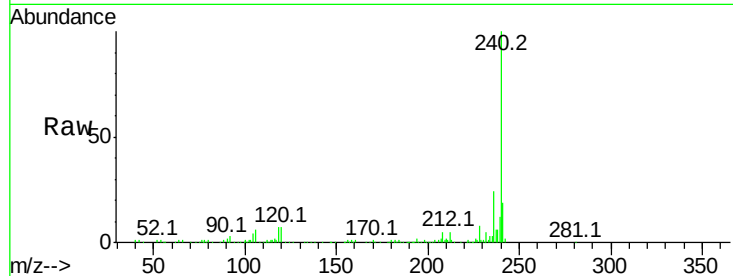
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	240	Resp:	179309
Ion Ratio	Lower	Upper	
240	100		
120	7.3	5.8	8.6
236	24.4	21.2	31.8

Manual Integrations
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#76

Benzidine

Concen: 4.90 ng

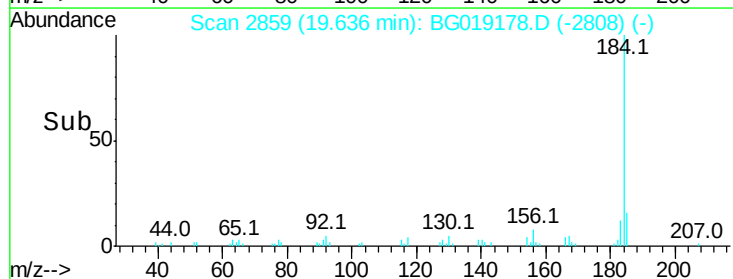
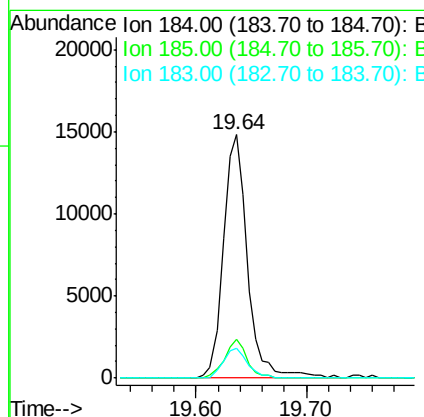
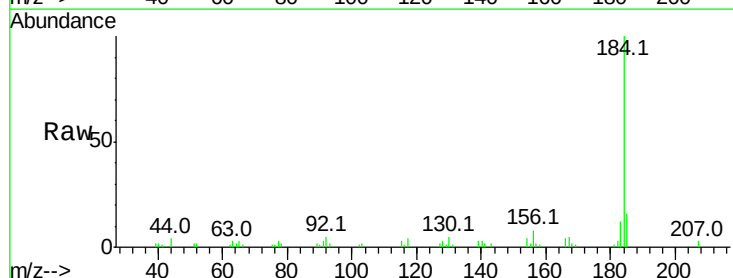
RT: 19.64 min Scan# 2859

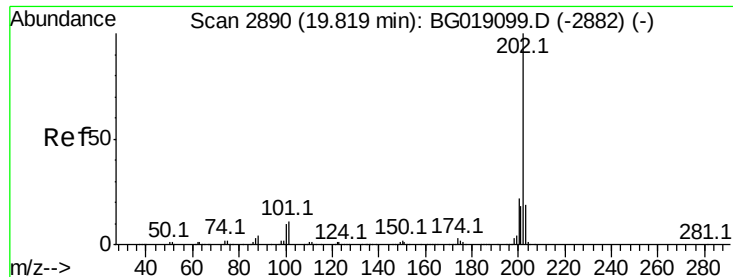
Delta R.T. -0.00 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	184	Resp:	22564
Ion Ratio	Lower	Upper	
184	100		
185	15.9	11.9	17.9
183	12.4	10.1	15.1





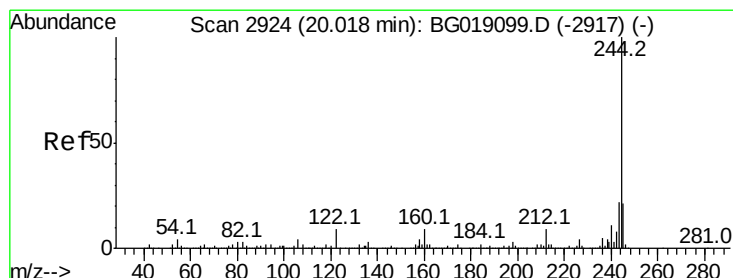
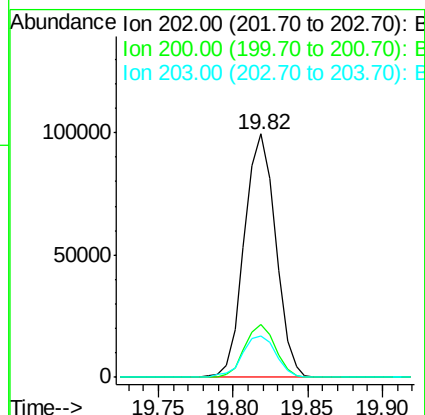
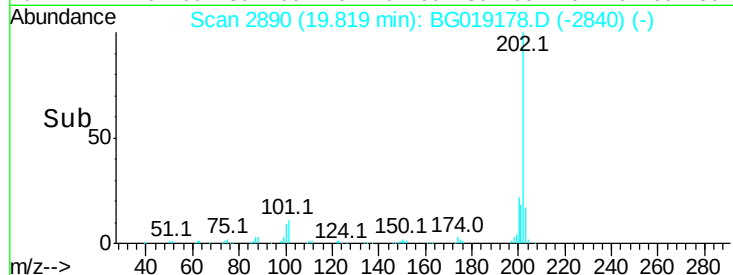
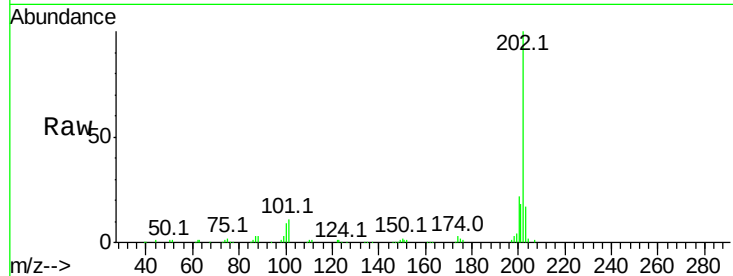
#77
Pvrene
Concen: 14.45 ng
RT: 19.82 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.4	26.2
203	17.2	14.8	22.2

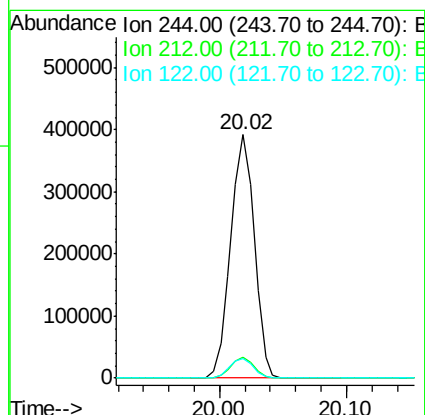
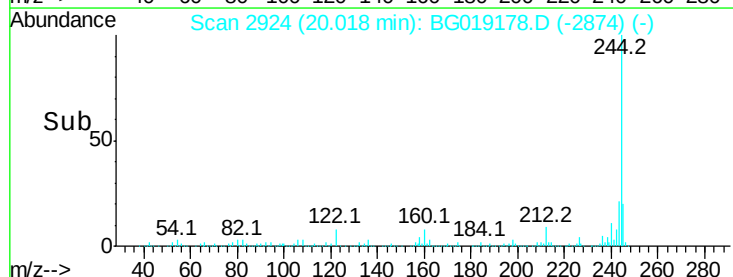
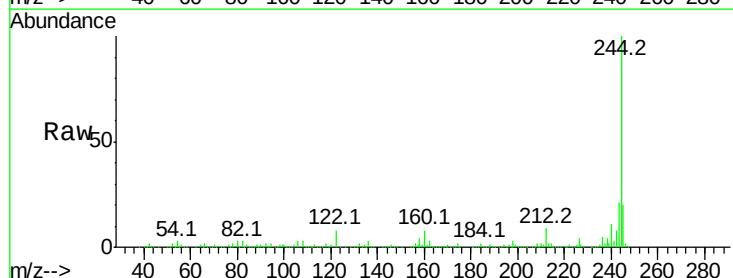
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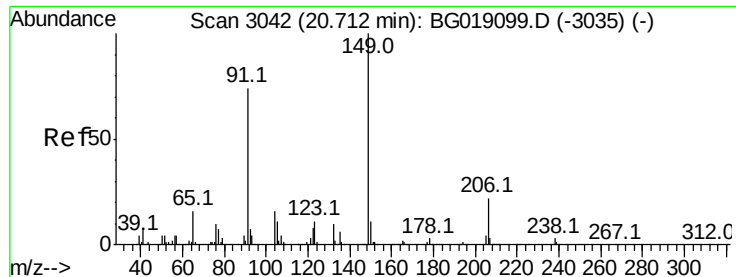
MMdadoda
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#78
Terphenyl-d14
Concen: 74.45 ng
RT: 20.02 min Scan# 2924
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	8.7	6.8	10.2
122	8.1	7.4	11.2





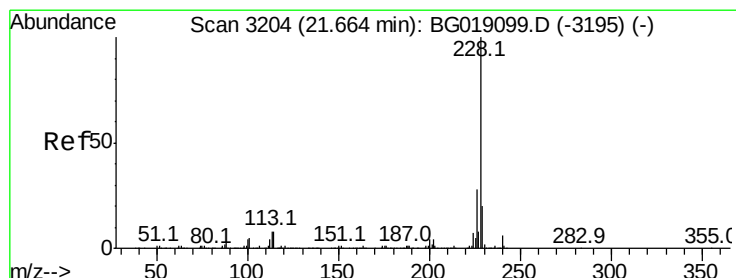
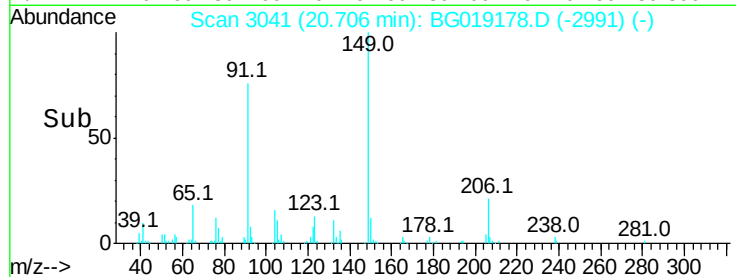
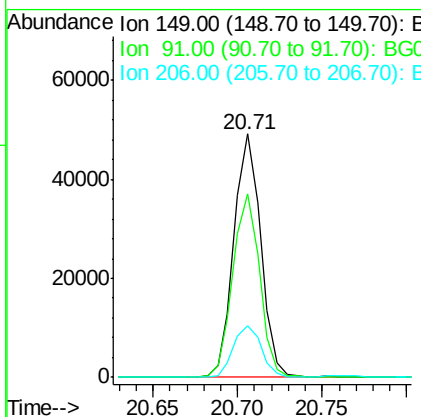
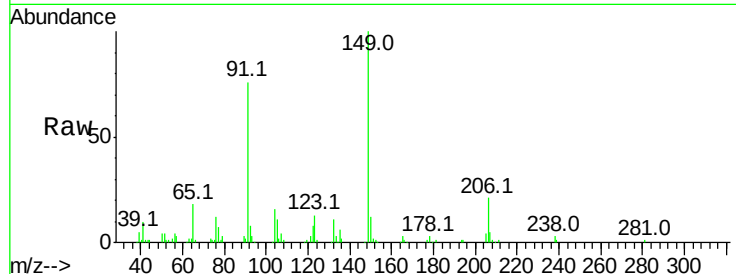
#79
Butylbenzylphthalate
Concen: 13.33 ng
RT: 20.71 min Scan# 3041
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
149	100		
91	75.6	59.2	88.8
206	21.4	17.5	26.3

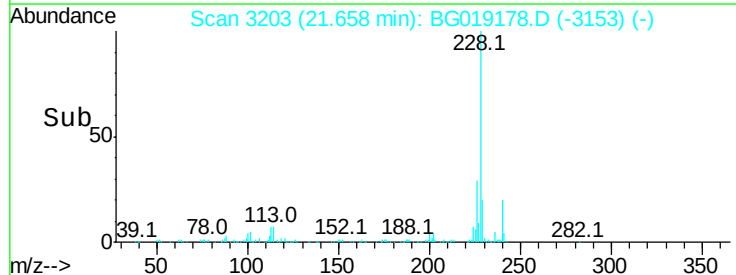
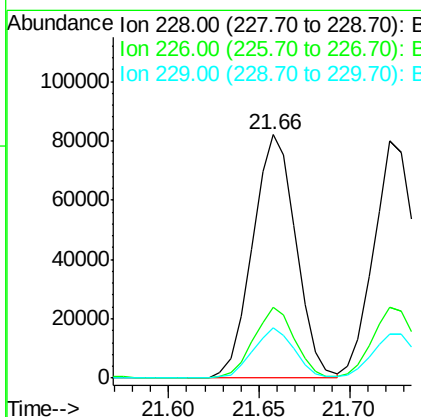
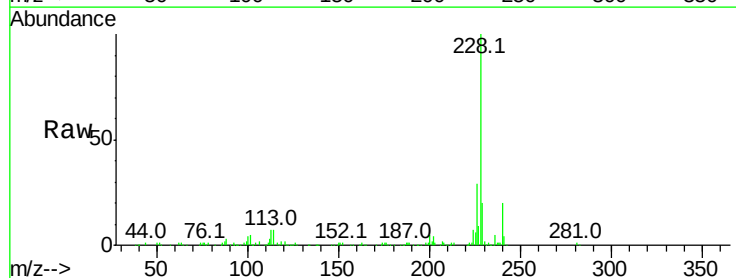
Manual Integrations
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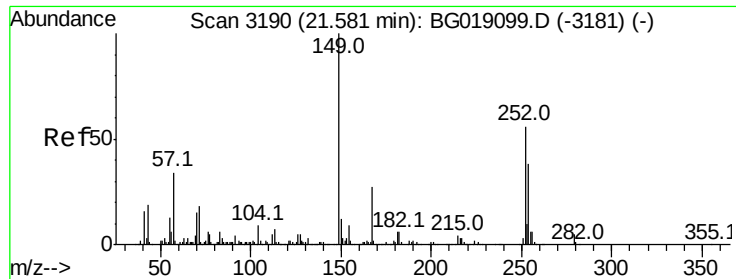
MMdadoda
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#80
Benzo(a)anthracene
Concen: 14.29 ng
RT: 21.66 min Scan# 3203
Delta R.T. -0.01 min
Lab File: BG019178.D
Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.0	22.4	33.6
229	20.5	16.2	24.2





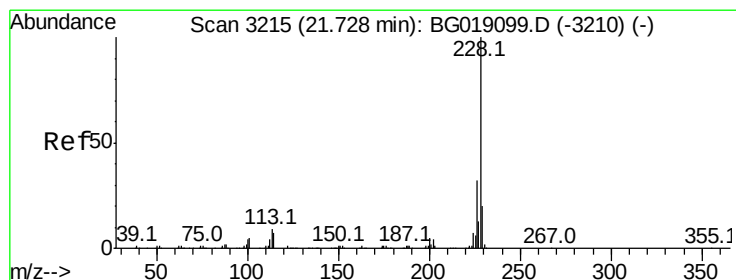
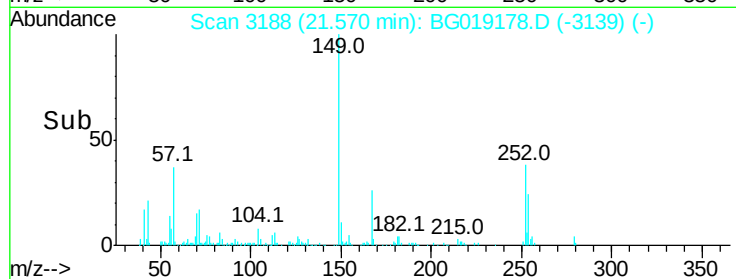
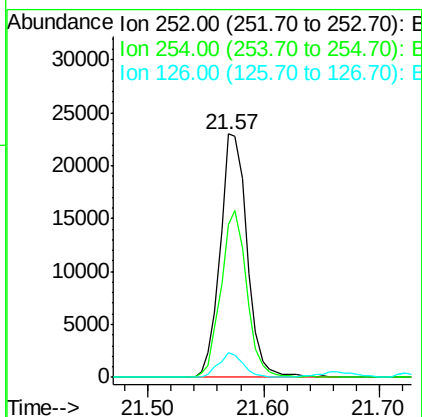
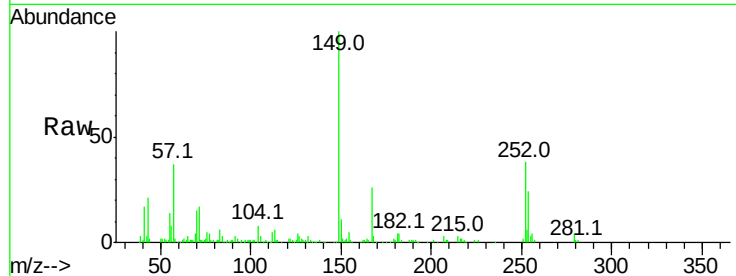
#81
 3,3'-Dichlorobenzidine
 Concen: 10.50 ng
 RT: 21.57 min Scan# 3188
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp Lower	Upper
252	100		
254	62.5	53.9	80.9
126	10.1	7.0	10.6

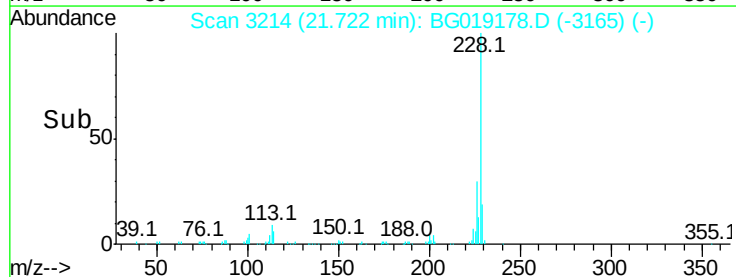
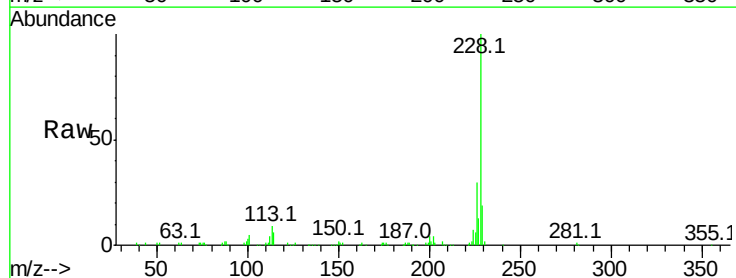
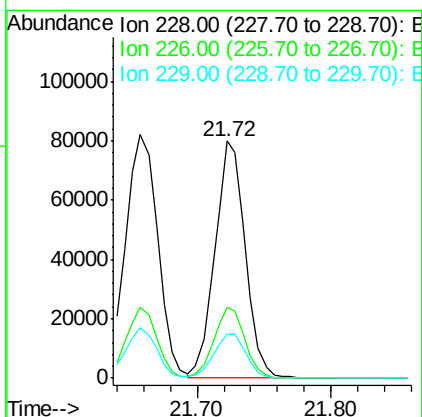
Manual Integrations
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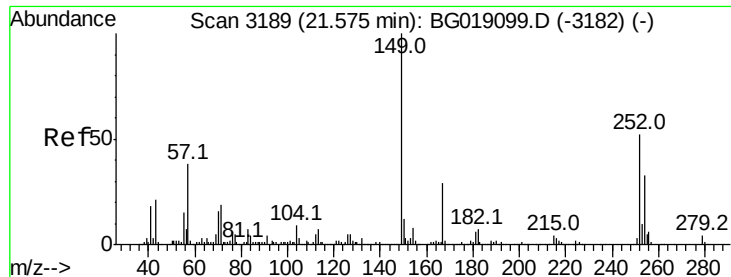
MMdadoda
 10/13/2015 1:26:54 PM



#82
 Chrysene
 Concen: 13.91 ng
 RT: 21.72 min Scan# 3214
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
226	29.8	25.2	37.8
229	18.6	16.3	24.5





#83

Bis(2-ethylhexyl)phthalate

Concen: 13.53 ng

RT: 21.57 min Scan# 3188

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

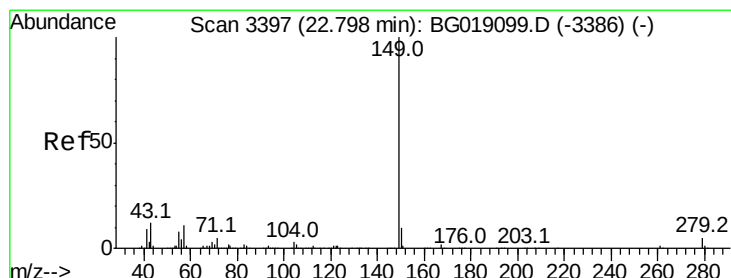
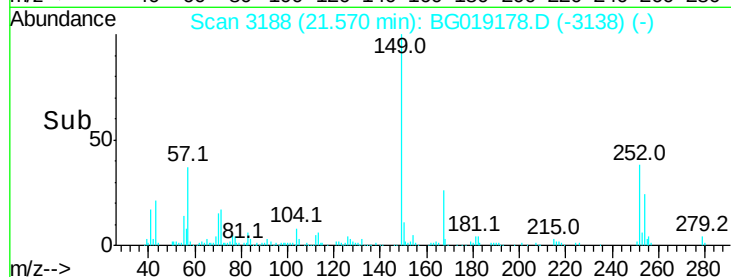
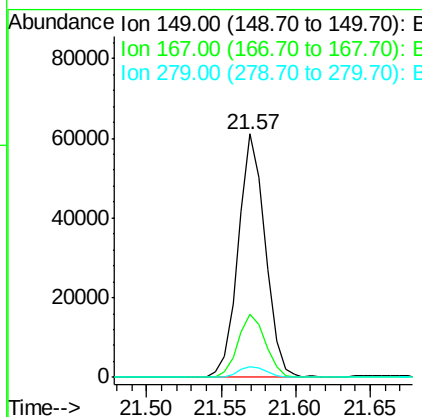
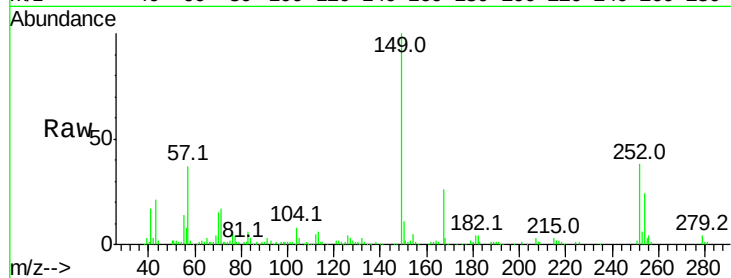
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	149	Resp:	76902
Ion Ratio	Lower	Upper	
149	100		
167	25.9	22.8	34.2
279	4.4	3.6	5.4

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 13.46 ng

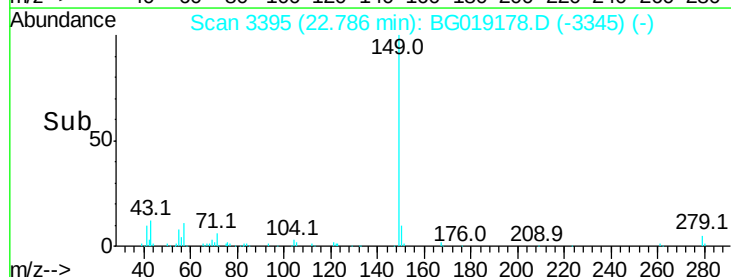
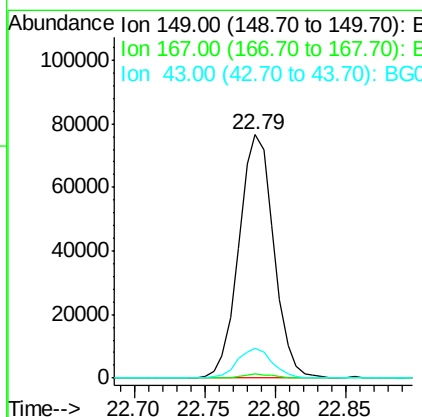
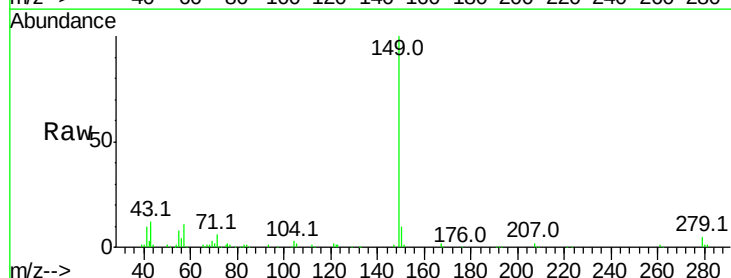
RT: 22.79 min Scan# 3395

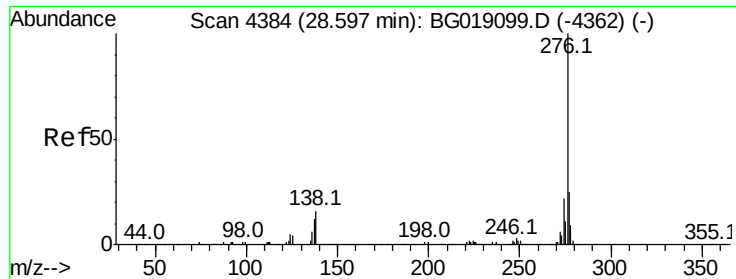
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	149	Resp:	132160
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1





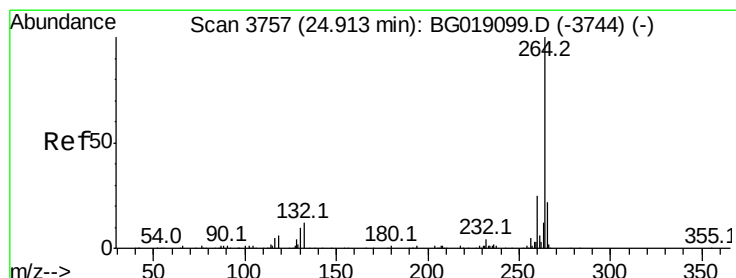
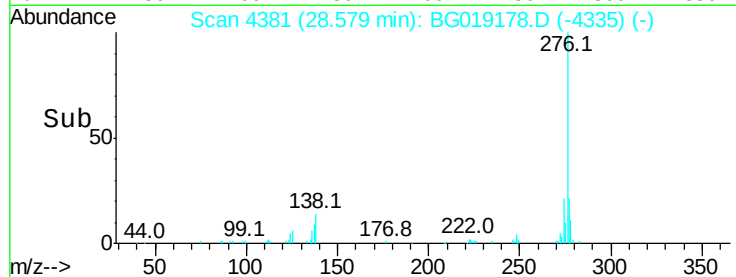
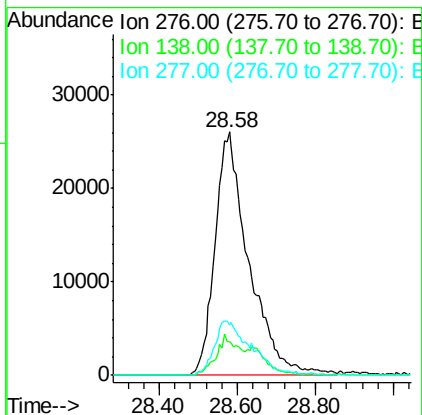
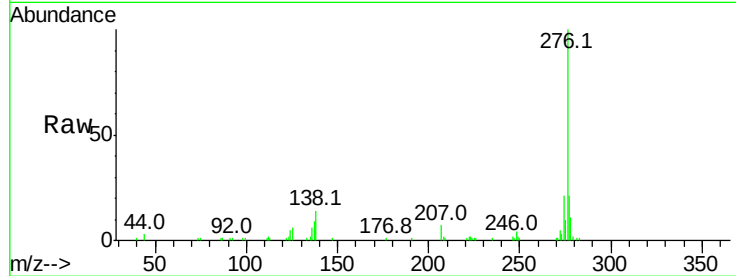
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 14.15 ng
 RT: 28.58 min Scan# 4381
 Delta R.T. -0.03 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER2015-02

Tot Ion	Ratio	Resp	Lower	Upper
276	100	157129		
138	11.0		10.2	15.4
277	24.0		20.2	30.4

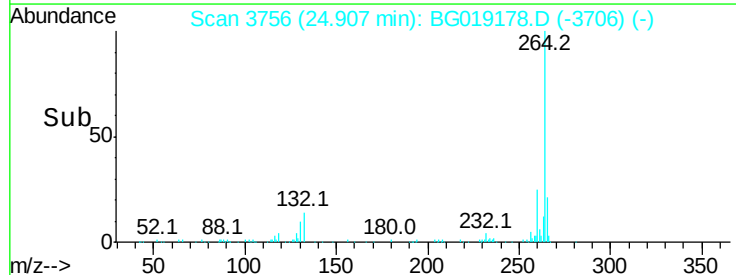
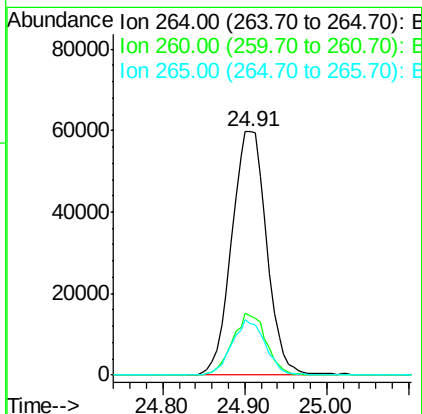
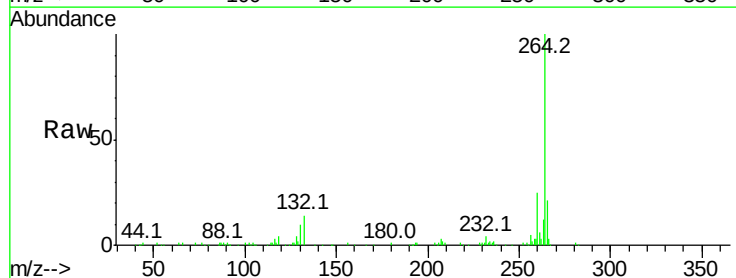
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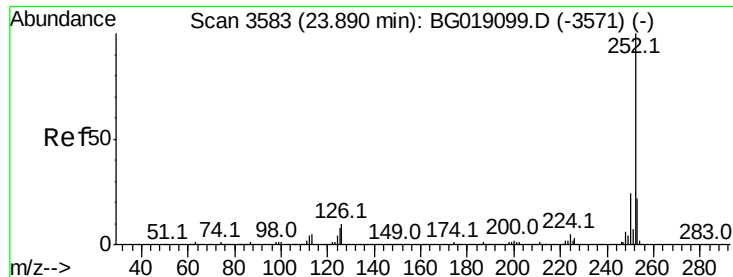
MMdadoda
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.91 min Scan# 3756
 Delta R.T. -0.01 min
 Lab File: BG019178.D
 Acq: 13 Oct 2015 4:04

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	177641		
260	24.6		20.1	30.1
265	21.3		17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 14.45 ng

RT: 23.88 min Scan# 3581

Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

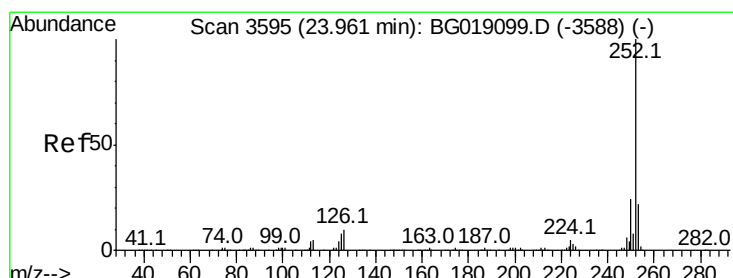
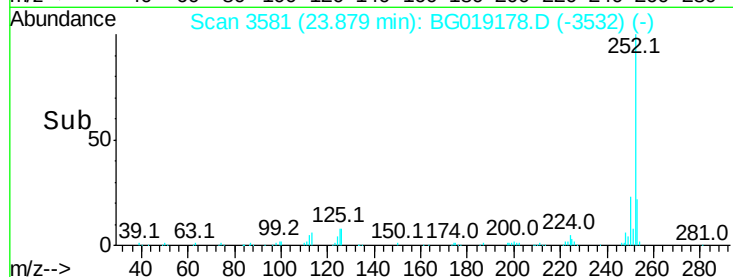
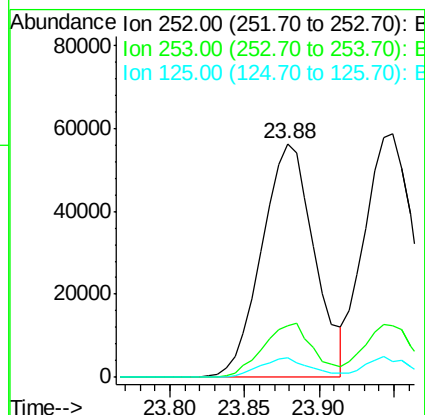
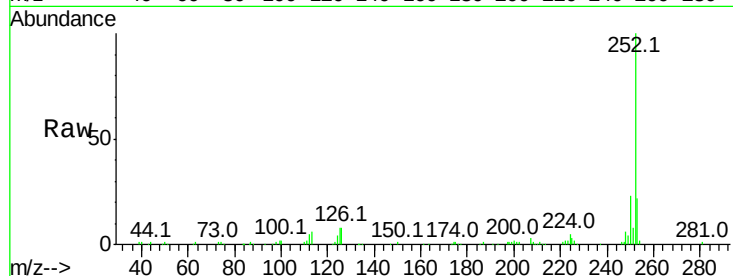
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	252	Resp:	138048
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.5	26.3
125	8.3	6.6	9.8

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#88

Benzo(k)fluoranthene

Concen: 14.53 ng

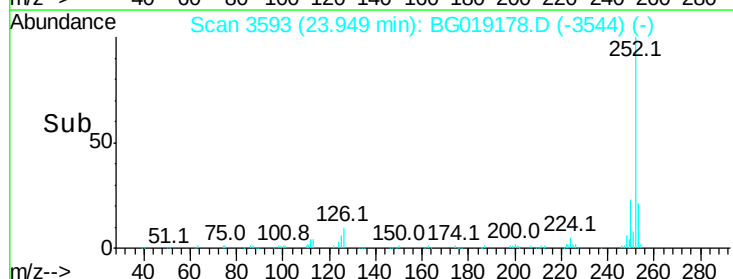
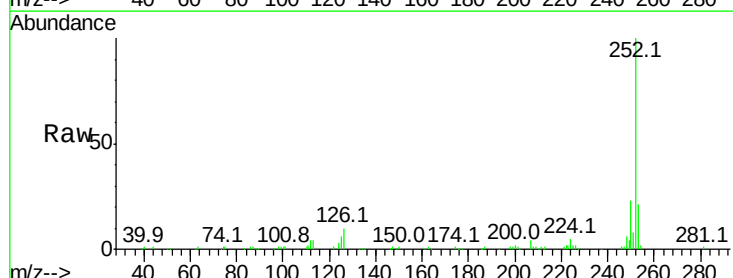
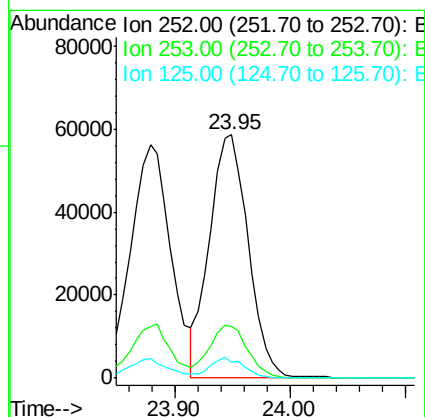
RT: 23.95 min Scan# 3593

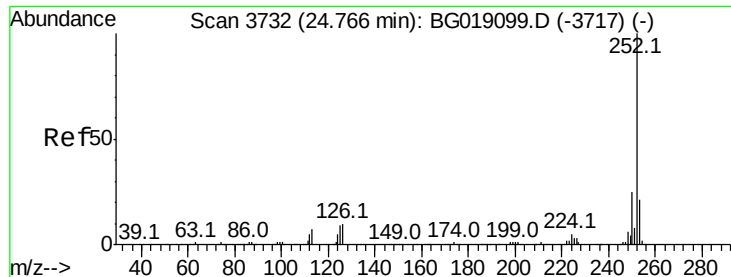
Delta R.T. -0.01 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	252	Resp:	137049
Ion Ratio		Lower	Upper
252	100		
253	21.0	17.0	25.4
125	6.5	6.4	9.6





#89

Benzo(a)pyrene

Concen: 14.77 ng

RT: 24.75 min Scan# 3729

Delta R.T. -0.02 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

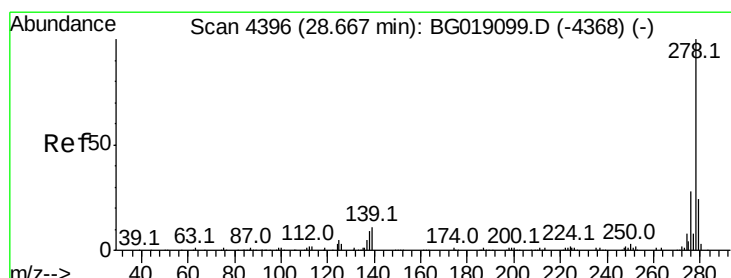
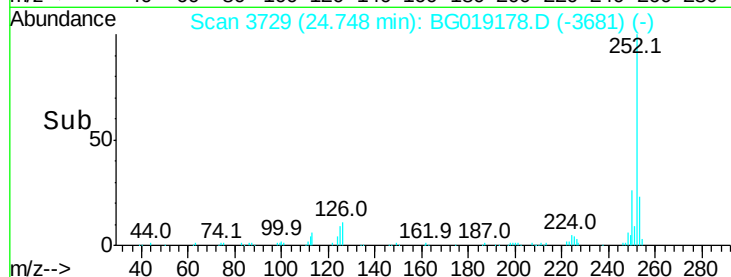
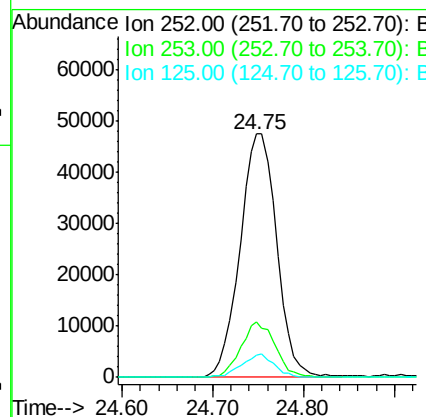
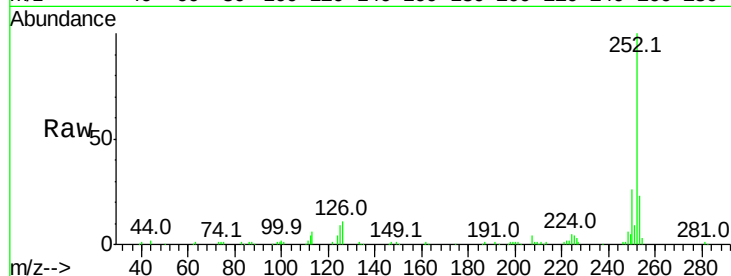
ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	252	Resp:	133295
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.0	25.4
125	9.1	7.2	10.8

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#90

Dibenzo(a,h)anthracene

Concen: 13.99 ng

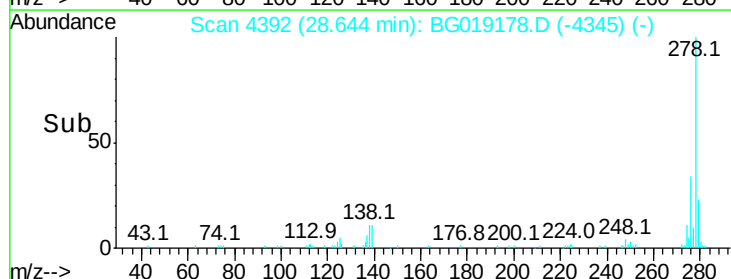
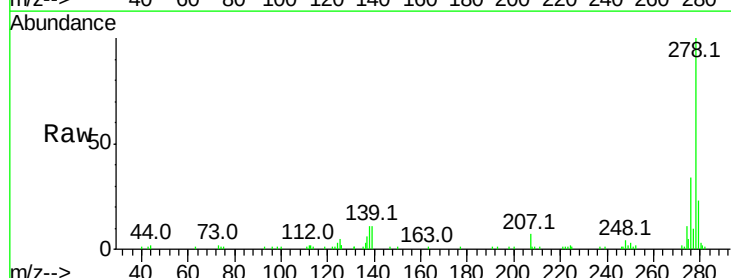
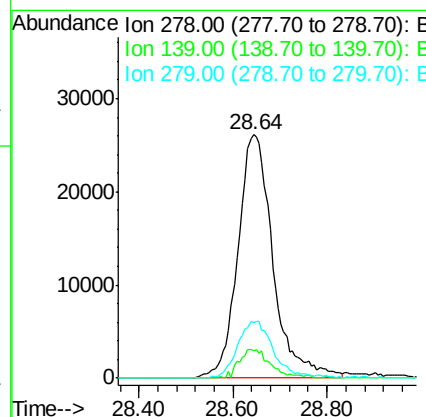
RT: 28.64 min Scan# 4392

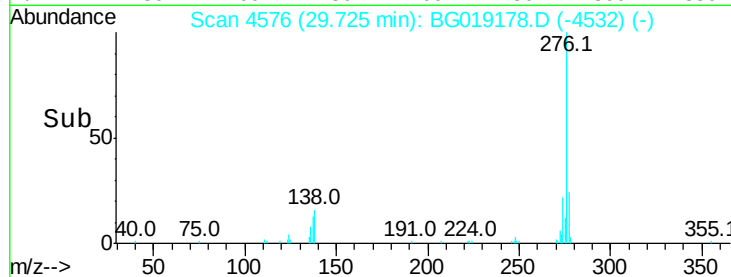
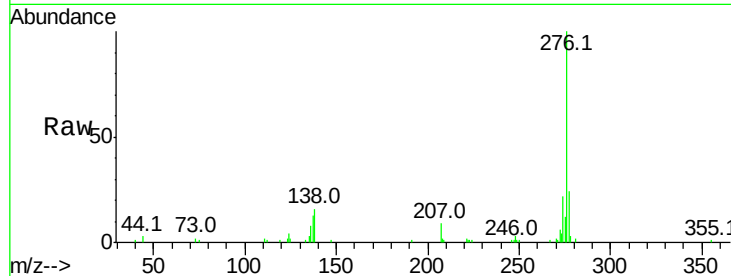
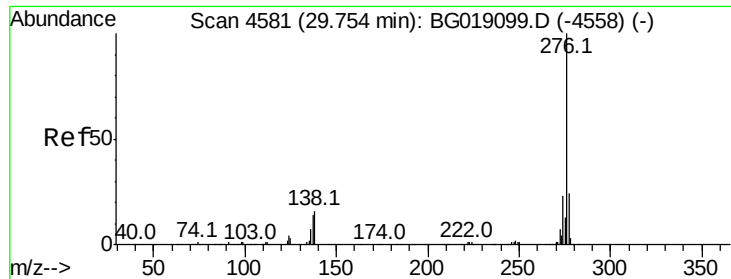
Delta R.T. -0.02 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Tgt Ion:	278	Resp:	135539
Ion Ratio	Lower	Upper	
278	100		
139	11.2	8.6	12.8
279	22.9	19.5	29.3





#91

Benzo(a,h,i)perylene

Concen: 13.31 ng

RT: 29.72 min Scan# 4576

Delta R.T. -0.04 min

Lab File: BG019178.D

Acq: 13 Oct 2015 4:04

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER2015-02

Tot Ion:	276	Resp:	119948
Ion Ratio	Lower	Upper	
276	100		
277	23.5	19.5	29.3
138	16.4	13.0	19.6

Manual Integrations
APPROVED

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