

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092316\
 Data File : BG024104.D
 Acq On : 24 Sep 2016 1:48
 Operator : UM/SJ
 Sample : H4818-06
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

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

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Quant Time: Sep 26 10:44:01 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	43693	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	191891	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	172858	20.00	ng	0.00
63) Phenanthrene-d10	17.48	188	414351	20.00	ng	0.00
75) Chrysene-d12	21.79	240	437288	20.00	ng	0.00
86) Perylene-d12	25.13	264	429713	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.59	112	319893	126.84	ng	0.00
7) Phenol-d6	7.21	99	511746	120.59	ng	0.00
23) Nitrobenzene-d5	9.22	82	368428	75.67	ng	0.00
41) 2,4,6-Tribromophenol	16.22	330	285650	114.97	ng	0.00
44) 2-Fluorobiphenyl	13.32	172	785337	76.37	ng	0.00
78) Terphenyl-d14	20.09	244	1452548	68.02	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	14373	14.89	ng	99
3) Pyridine	3.85	79	36460	10.69	ng	91
4) n-Nitrosodimethylamine	3.77	42	22300	12.90	ng	# 80
6) Aniline	7.37	93	52637	8.83	ng	99
8) 2-Chlorophenol	7.60	128	43348	14.36	ng	99
9) Benzaldehyde	7.18	77	43491	18.82	ng	89
10) Phenol	7.24	94	66574	14.92	ng	89
11) bis(2-Chloroethyl)ether	7.45	93	44519	12.65	ng	93
12) 1,3-Dichlorobenzene	7.93	146	44847	13.32	ng	87
13) 1,4-Dichlorobenzene	8.07	146	45446	13.23	ng	89
14) 1,2-Dichlorobenzene	8.40	146	46178	13.81	ng	95
15) Benzyl Alcohol	8.30	79	50350	12.26	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.57	45	60446	12.44	ng	94
17) 2-Methylphenol	8.50	107	42791	14.43	ng	94
18) Hexachloroethane	9.12	117	19468	13.45	ng	97
19) n-Nitroso-di-n-propylamine	8.85	70	48138	11.55	ng	# 95
20) 3+4-Methylphenols	8.84	107	57659	13.38	ng	88
22) Acetophenone	8.88	105	80408	14.52	ng	# 95
24) Nitrobenzene	9.27	77	70762	13.56	ng	94
25) Isophorone	9.78	82	129577	13.05	ng	# 96
26) 2-Nitrophenol	9.99	139	25105	13.56	ng	# 78
27) 2,4-Dimethylphenol	10.05	122	48369	15.63	ng	85
28) bis(2-Chloroethoxy)methane	10.27	93	71106	14.73	ng	95
29) 2,4-Dichlorophenol	10.55	162	48960	15.20	ng	95
30) 1,2,4-Trichlorobenzene	10.73	180	50802	14.73	ng	92
31) Naphthalene	10.92	128	137829	14.18	ng	95
32) Benzoic acid	10.18	122	19738m	10.83	ng	
33) 4-Chloroaniline	11.05	127	40907	9.43	ng	# 94
34) Hexachlorobutadiene	11.19	225	34371	12.66	ng	91
35) Caprolactam	11.82	113	20567	15.69	ng	98
36) 4-Chloro-3-methylphenol	12.19	107	64152	14.15	ng	99
37) 2-Methylnaphthalene	12.53	142	110207	14.81	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	64765	12.83	ng	96
40) Hexachlorocyclopentadiene	12.87	237	14007	11.04	ng	97

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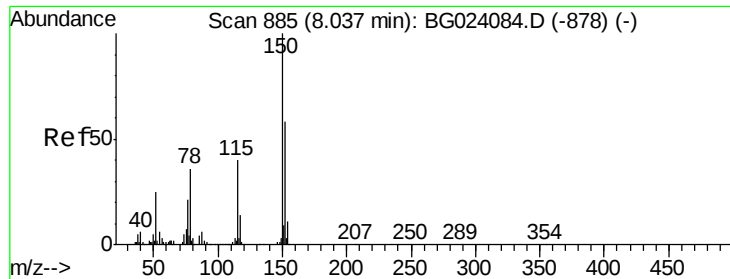
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.16	196	47257	14.48	ng	96
43) 2,4,5-Trichlorophenol	13.25	196	46834	13.95	ng #	86
45) 1,1'-Biphenyl	13.54	154	158143	13.38	ng	98
46) 2-Chloronaphthalene	13.59	162	128359	14.54	ng	99
47) 2-Nitroaniline	13.81	65	53619	13.06	ng	97
48) Acenaphthylene	14.44	152	210289	14.04	ng	95
49) Dimethylphthalate	14.16	163	190384	14.36	ng	98
50) 2,6-Dinitrotoluene	14.30	165	40065	14.38	ng	94
51) Acenaphthene	14.78	154	129542	14.26	ng	98
52) 3-Nitroaniline	14.65	138	27498	9.88	ng	85
53) 2,4-Dinitrophenol	14.88	184	15012	12.02	ng #	83
54) Dibenzofuran	15.12	168	225027	15.91	ng	98
55) 4-Nitrophenol	15.02	139	20464	13.99	ng #	86
56) 2,4-Dinitrotoluene	15.10	165	60398	14.25	ng #	80
57) Fluorene	15.77	166	183824	14.93	ng	96
58) 2,3,4,6-Tetrachlorophenol	15.36	232	48317	14.90	ng	93
59) Diethylphthalate	15.52	149	209240	14.65	ng	95
60) 4-Chlorophenyl-phenylether	15.76	204	91664	13.89	ng	98
61) 4-Nitroaniline	15.82	138	38043	13.20	ng	92
62) Azobenzene	16.05	77	221894	15.29	ng	91
64) 4,6-Dinitro-2-methylphenol	15.88	198	31573	10.97	ng	84
65) n-Nitrosodiphenylamine	15.97	169	172242	15.20	ng	98
66) 4-Bromophenyl-phenylether	16.66	248	68005	14.15	ng	95
67) Hexachlorobenzene	16.78	284	71389	13.18	ng	94
68) Atrazine	16.93	200	74823	14.95	ng	98
69) Pentachlorophenol	17.15	266	23759	11.65	ng	92
70) Phenanthrene	17.52	178	326473	15.47	ng	96
71) Anthracene	17.61	178	324132	14.95	ng	95
72) Carbazole	17.89	167	296247	14.68	ng	94
73) Di-n-butylphthalate	18.43	149	361991	13.70	ng #	96
74) Fluoranthene	19.54	202	392197	14.23	ng	94
76) Benzidine	19.73	184	96026	7.76	ng	96
77) Pyrene	19.90	202	399990	13.10	ng	93
79) Butylbenzylphthalate	20.77	149	153340	13.64	ng	96
80) Benzo(a)anthracene	21.77	228	367692	14.77	ng	93
81) 3,3'-Dichlorobenzidine	21.68	252	71880	8.06	ng	98
82) Chrysene	21.84	228	350650	14.99	ng	96
83) Bis(2-ethylhexyl)phthalate	21.64	149	219586	16.35	ng #	92
84) Di-n-octyl phthalate	22.88	149	372500	16.07	ng	99
85) Indeno(1,2,3-cd)pyrene	28.95	276	408761	15.67	ng #	100
87) Benzo(b)fluoranthene	24.06	252	365813	14.63	ng	97
88) Benzo(k)fluoranthene	24.13	252	360656	14.53	ng #	96
89) Benzo(a)pyrene	24.97	252	357628	14.80	ng #	98
90) Dibenzo(a,h)anthracene	29.00	278	337588	13.99	ng #	97
91) Benzo(g,h,i)perylene	30.15	276	336959	13.86	ng #	95

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.04 min Scan# 885

Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

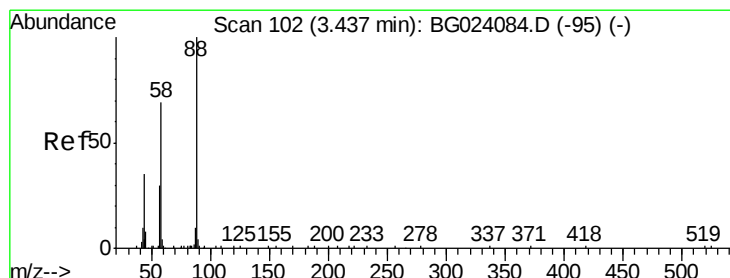
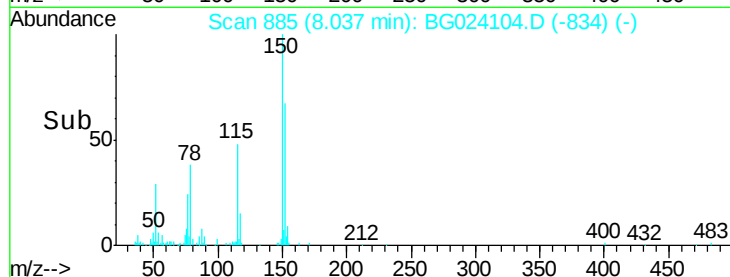
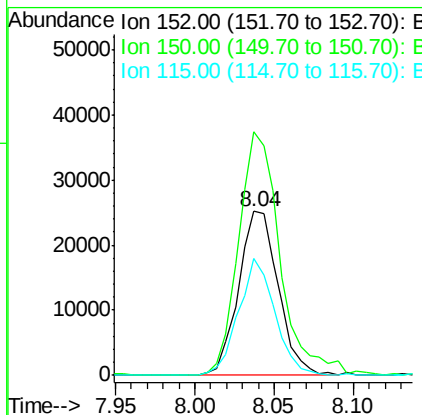
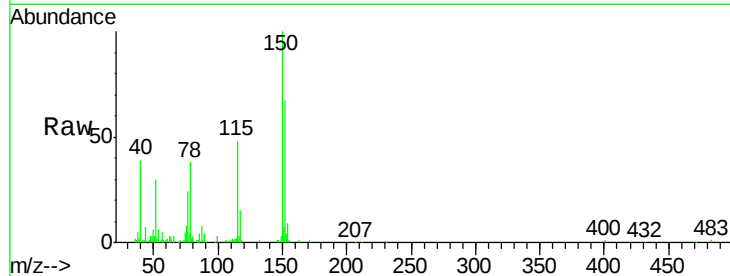
ClientSampleId :

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Tgt Ion:	152	Resp:	43693
Ion Ratio	Lower	Upper	
152	100		
150	148.5	144.7	217.1
115	71.6	64.0	96.0

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#2

1,4-Dioxane

Concen: 14.89 ng

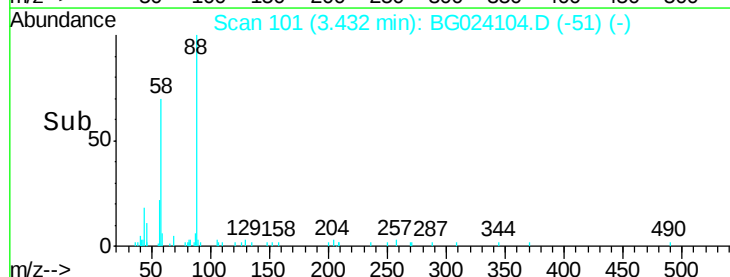
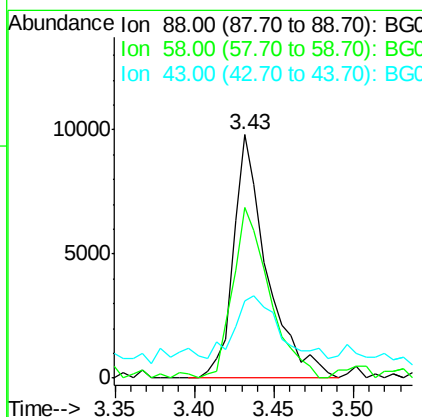
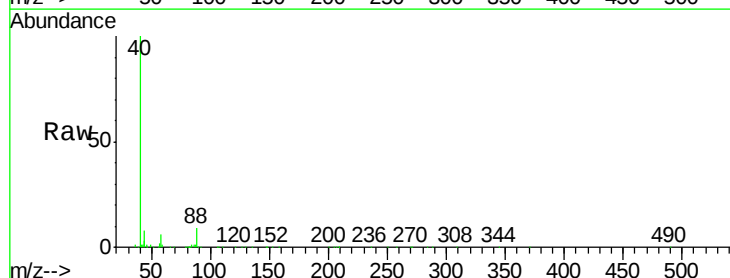
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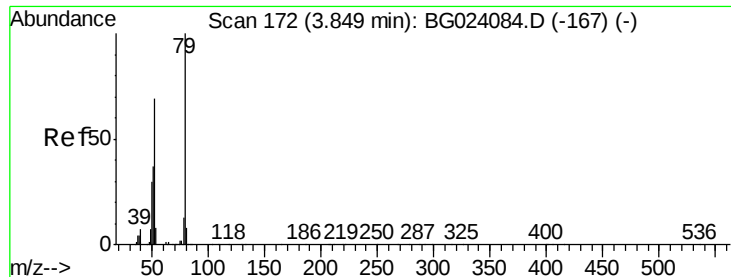
Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	88	Resp:	14373
Ion Ratio	Lower	Upper	
88	100		
58	76.4	60.4	90.6
43	38.7	31.1	46.7





#3

Pyridine

Concen: 10.69 ng

RT: 3.85 min Scan# 173

Delta R.T. 0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

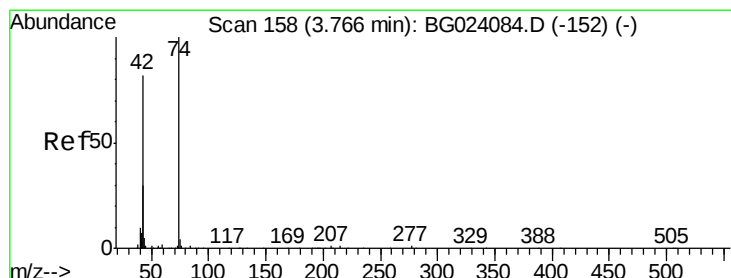
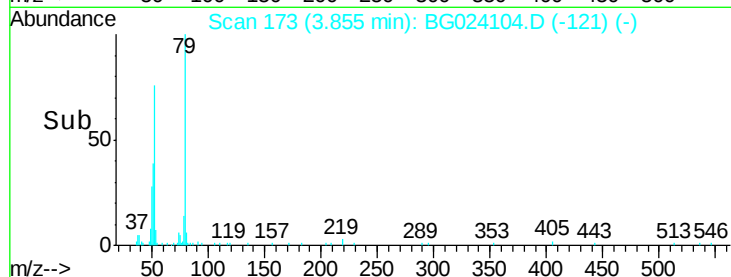
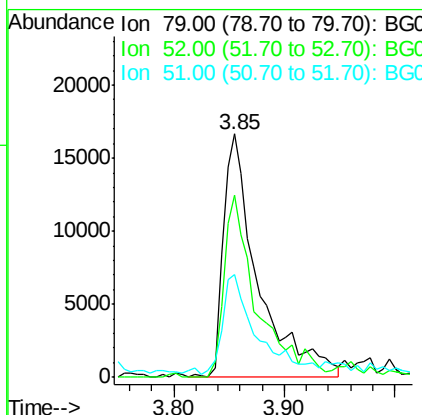
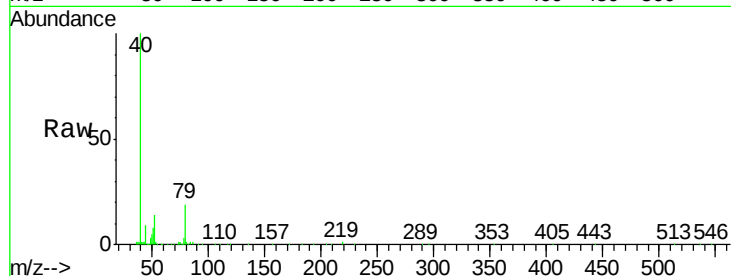
ClientSampleId :

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Tgt Ion:	79	Resp:	36460
Ion	Ratio	Lower	Upper
79	100		
52	74.9	51.8	77.8
51	42.4	32.7	49.1

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#4

n-Nitrosodimethylamine

Concen: 12.90 ng

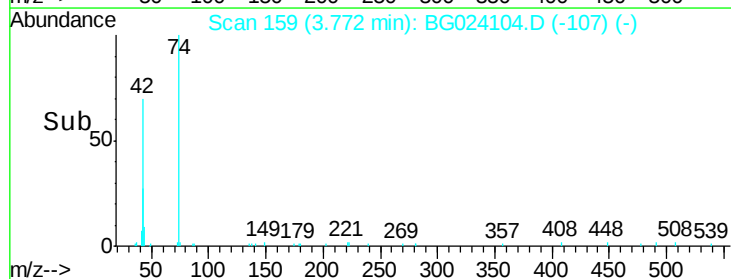
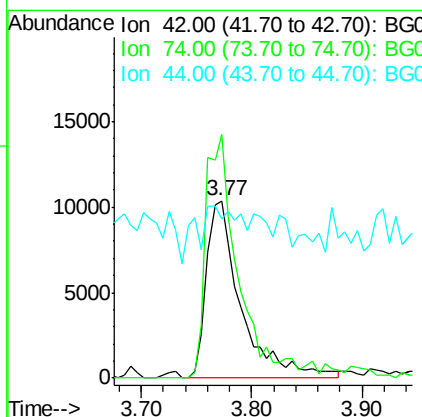
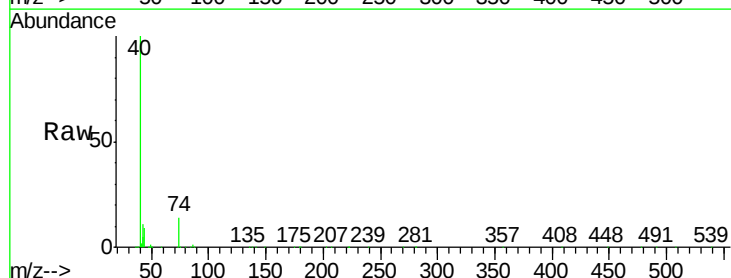
RT: 3.77 min Scan# 159

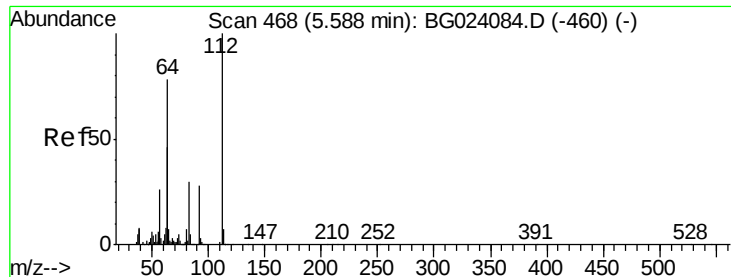
Delta R.T. 0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	42	Resp:	22300
Ion	Ratio	Lower	Upper
42	100		
74	137.2	100.6	150.8
44	89.4	4.5	6.7#





#5

2-Fluorophenol

Concen: 126.84 ng

RT: 5.59 min Scan# 468

Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

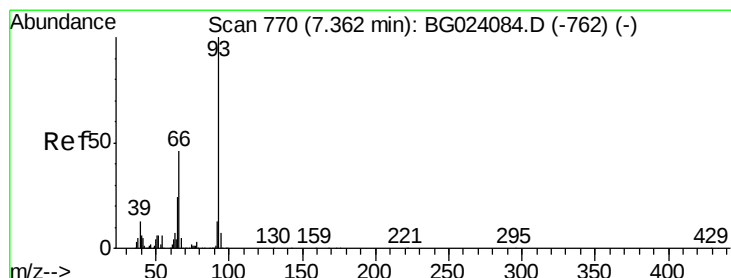
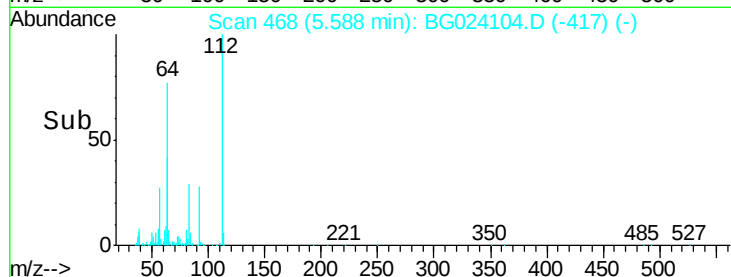
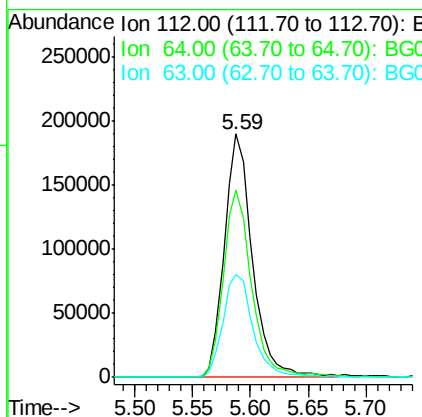
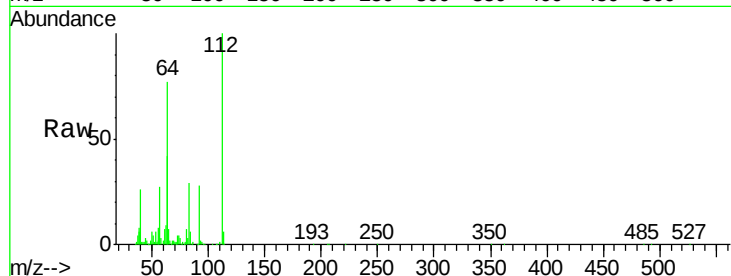
ClientSampleId :

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Tgt Ion:	112	Resp:	319893
Ion Ratio	Lower	Upper	
112	100		
64	76.9	59.0	88.4
63	42.3	37.8	56.8

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#6

Aniline

Concen: 8.83 ng

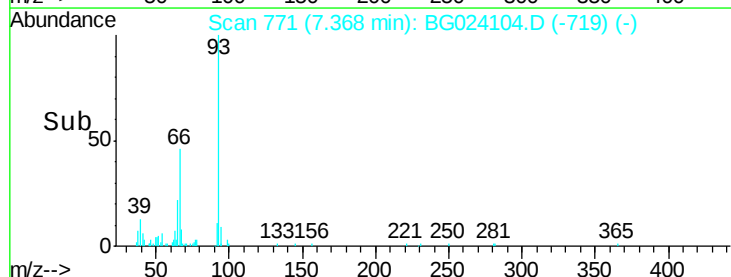
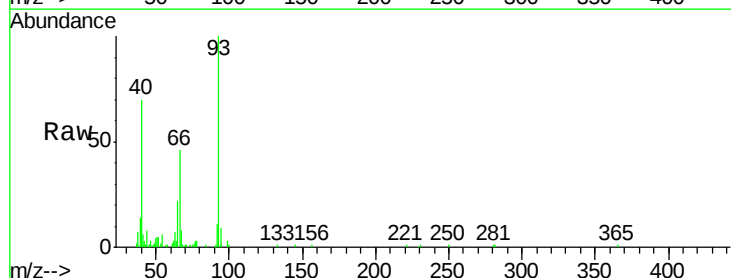
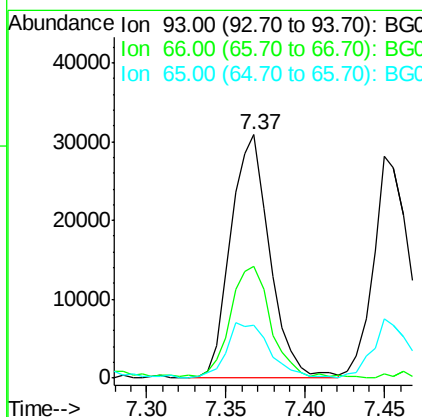
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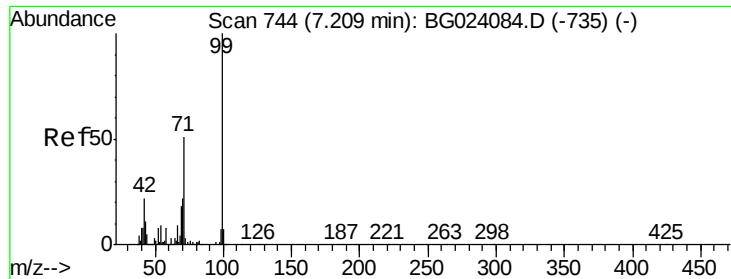
Delta R.T. 0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	93	Resp:	52637
Ion Ratio	Lower	Upper	
93	100		
66	45.9	37.5	56.3
65	21.8	17.9	26.9





#7

Phenol-d6

Concen: 120.59 ng

RT: 7.21 min Scan# 744

Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

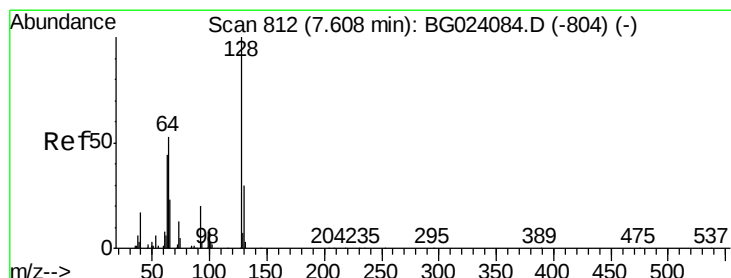
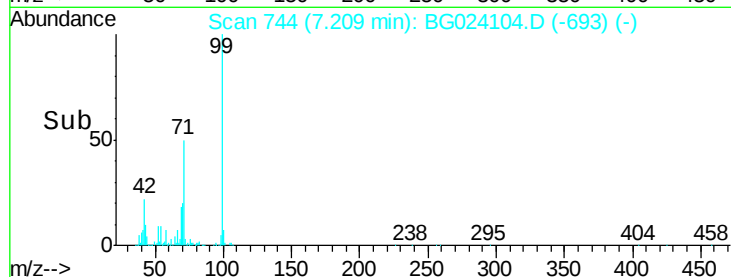
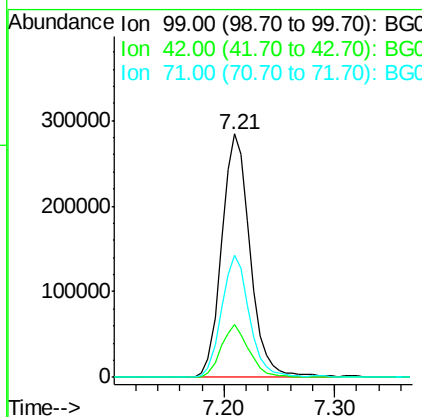
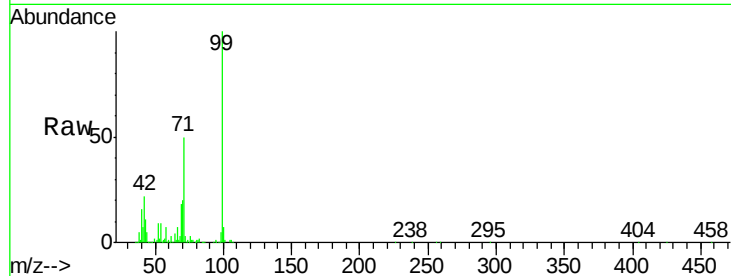
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	99	Resp:	511746
Ion Ratio	Lower	Upper	
99	100		
42	21.6	17.8	26.6
71	49.9	41.5	62.3

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#8

2-Chlorophenol

Concen: 14.36 ng

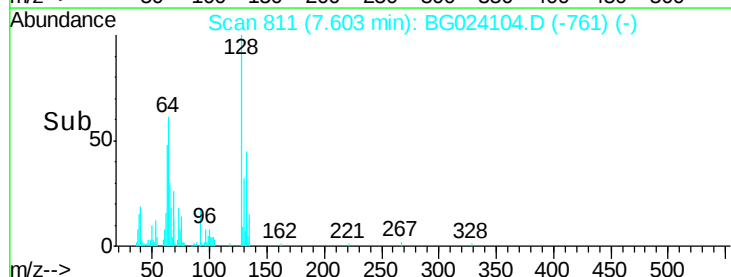
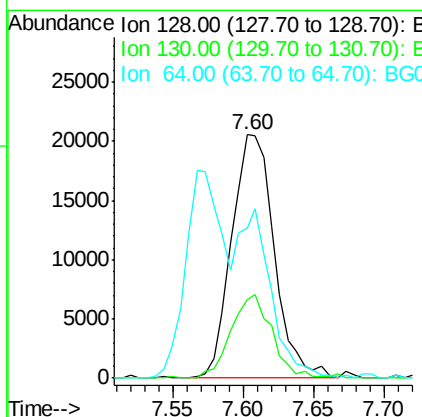
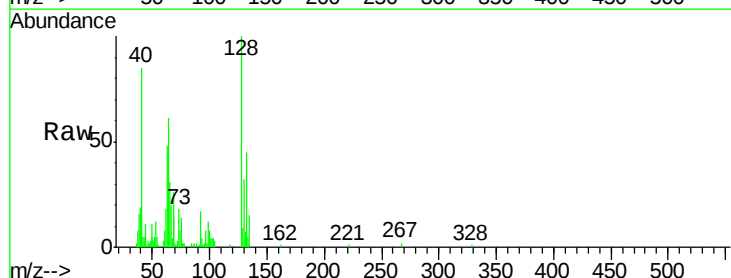
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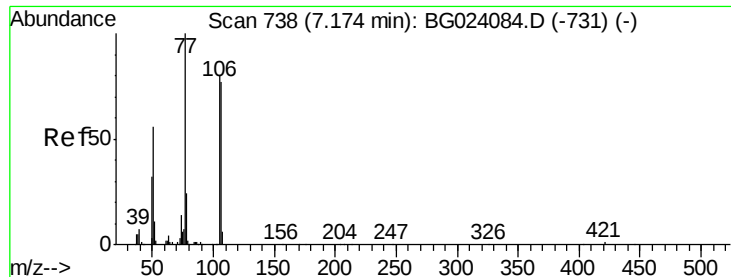
Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	128	Resp:	43348
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.9	52.9
64	61.5	42.0	82.0





#9

Benzaldehyde

Concen: 18.82 ng

RT: 7.18 min Scan# 739

Delta R.T. 0.01 min

Lab File: BG024104.D

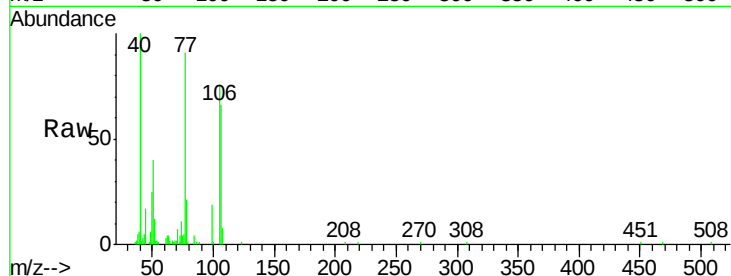
Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

ClientSampleId :

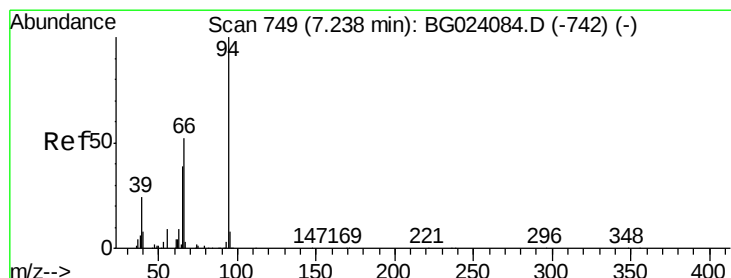
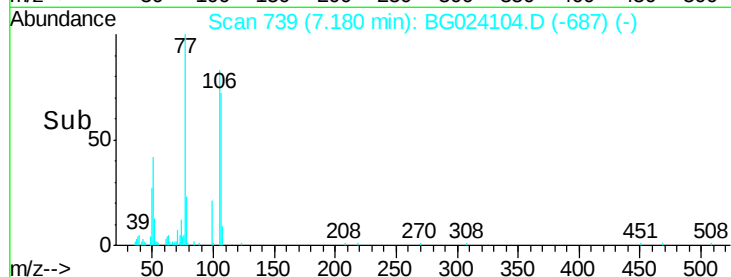
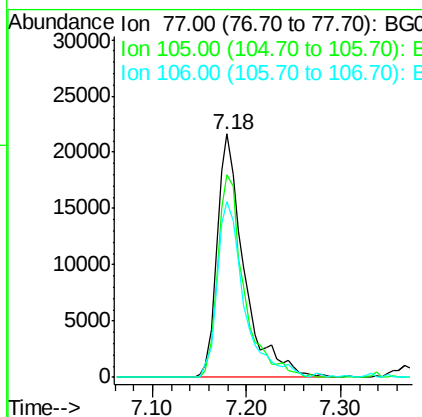
LOQ-WATER2016-06-QT4



Tgt Ion:	77	Resp:	43491
Ion Ratio	Lower	Upper	
77	100		
105	83.4	58.7	98.7
106	72.4	67.5	107.5

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#10

Phenol

Concen: 14.92 ng

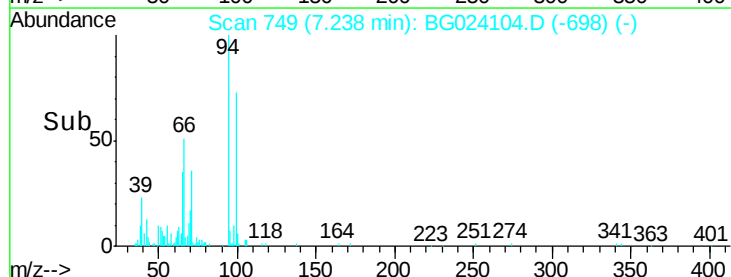
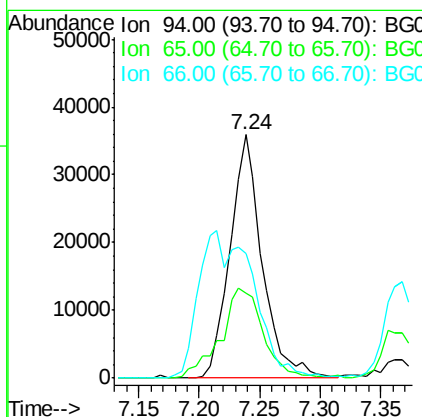
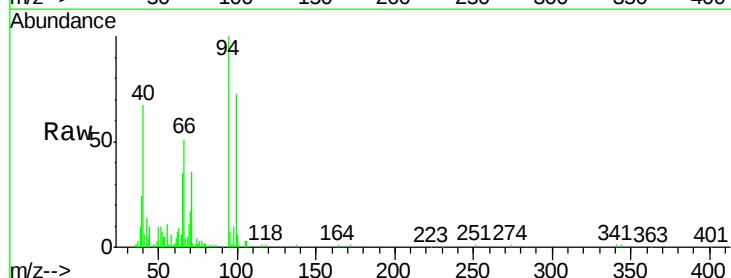
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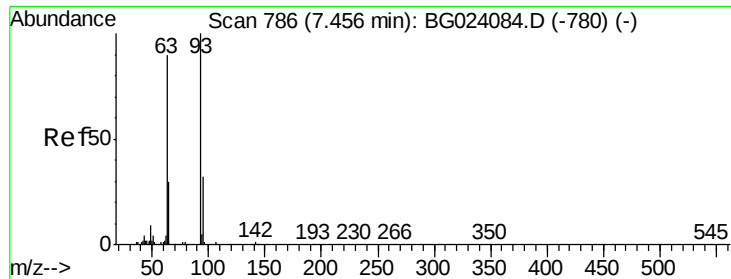
Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	94	Resp:	66574
Ion Ratio	Lower	Upper	
94	100		
65	34.8	18.1	58.1
66	51.3	42.1	82.1





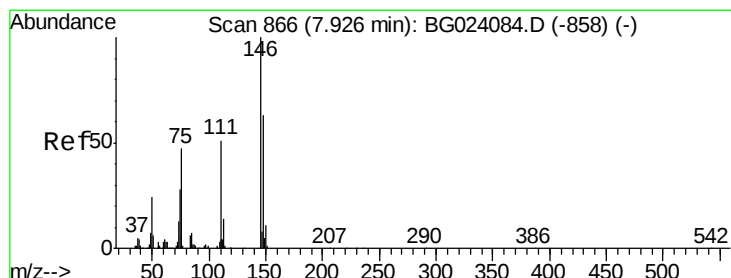
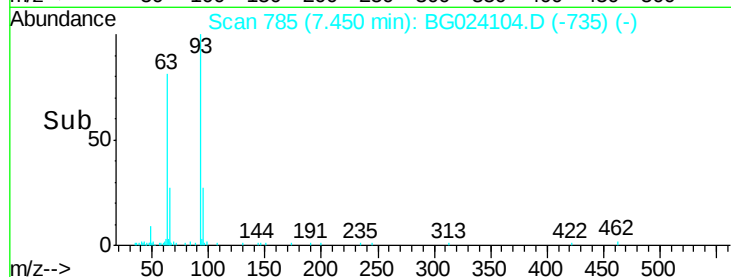
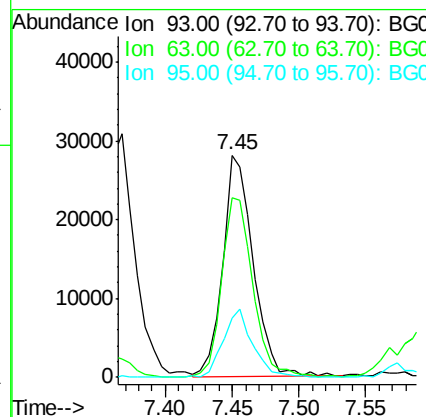
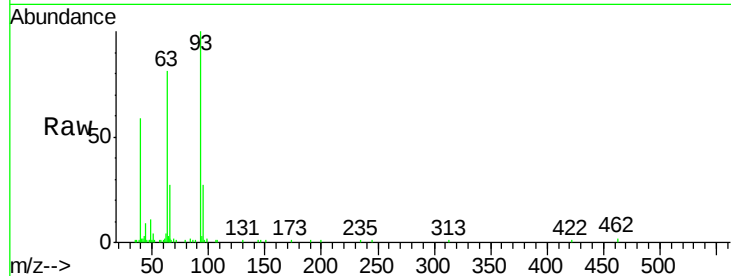
#11
bis(2-Chloroethyl)ether
Concen: 12.65 ng
RT: 7.45 min Scan# 785
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	44519		
63	81.0		55.0	95.0
95	26.6		11.0	51.0

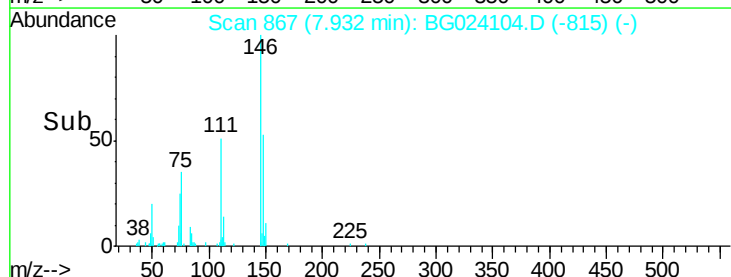
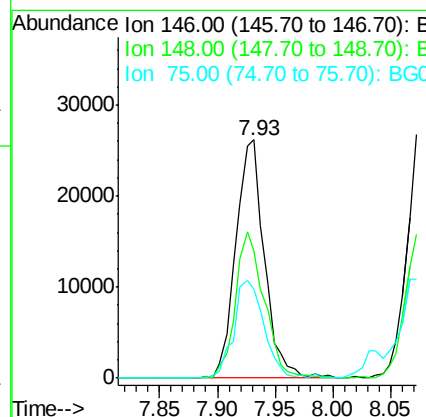
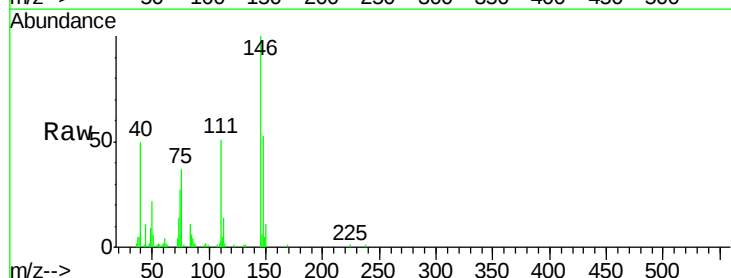
Manual Integrations
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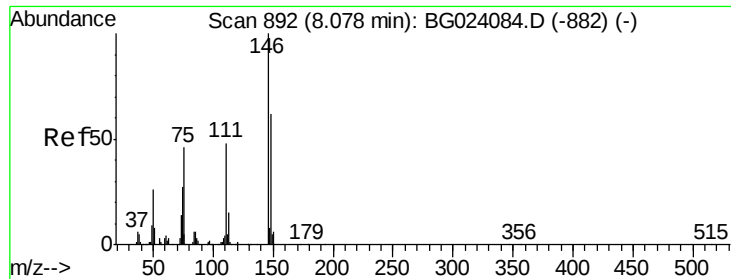
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#12
1,3-Dichlorobenzene
Concen: 13.32 ng
RT: 7.93 min Scan# 867
Delta R.T. 0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	44847		
148	53.3		50.3	75.5
75	37.5		37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 13.23 ng

RT: 8.07 min Scan# 891

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

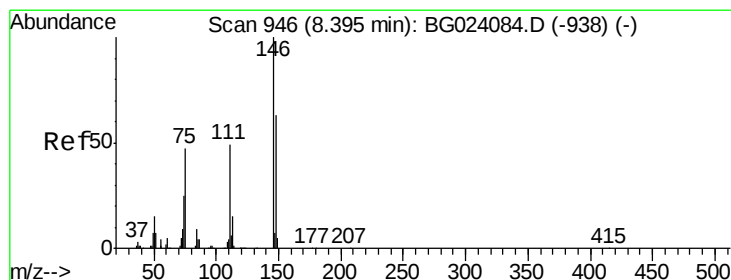
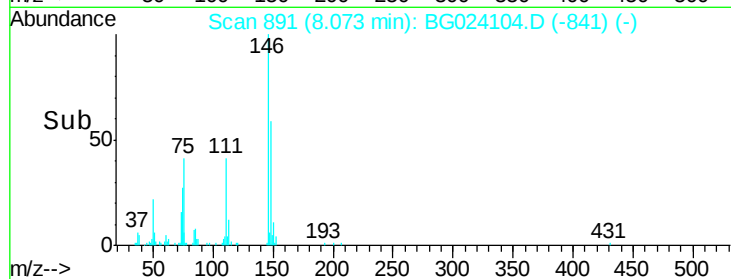
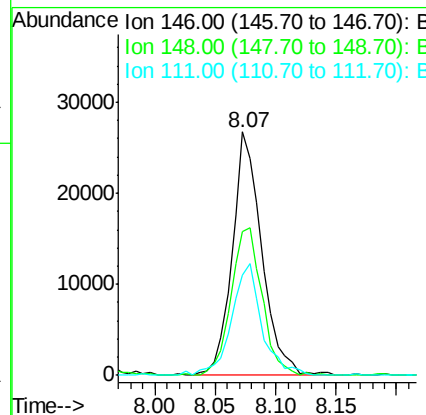
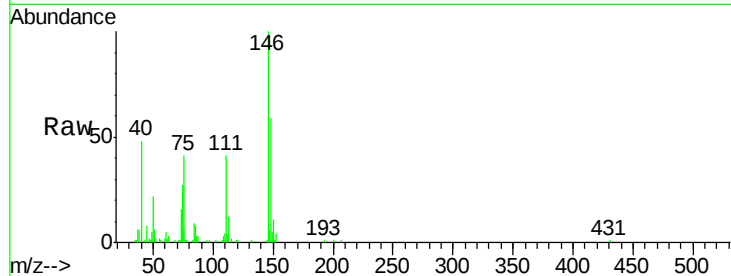
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	146	Resp:	45446
Ion Ratio	Lower	Upper	
146	100		
148	58.9	54.5	81.7
111	41.1	37.8	56.8

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#14

1,2-Dichlorobenzene

Concen: 13.81 ng

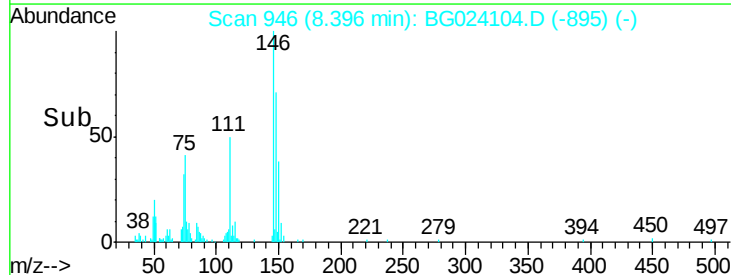
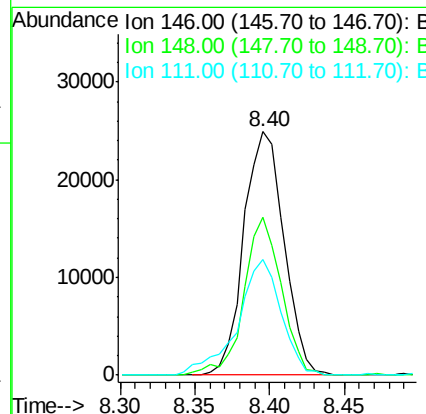
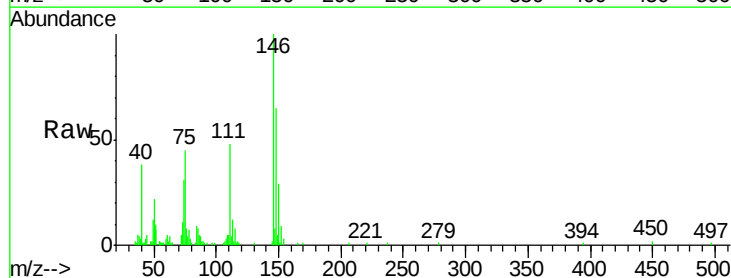
RT: 8.40 min Scan# 946

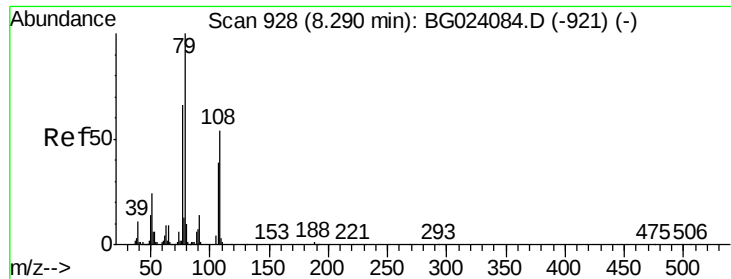
Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	146	Resp:	46178
Ion Ratio	Lower	Upper	
146	100		
148	64.9	52.9	79.3
111	47.5	43.5	65.3





#15

Benzyl Alcohol

Concen: 12.26 ng

RT: 8.30 min Scan# 929

Delta R.T. 0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

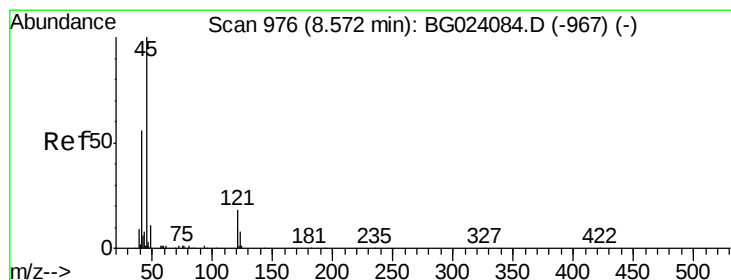
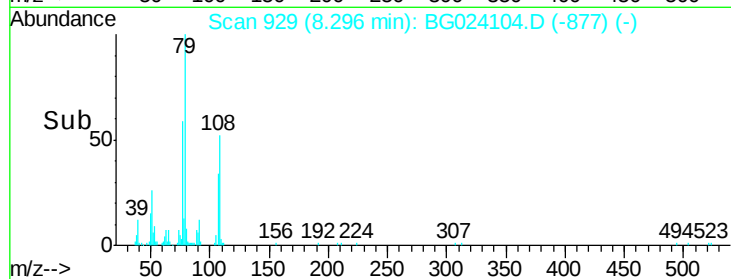
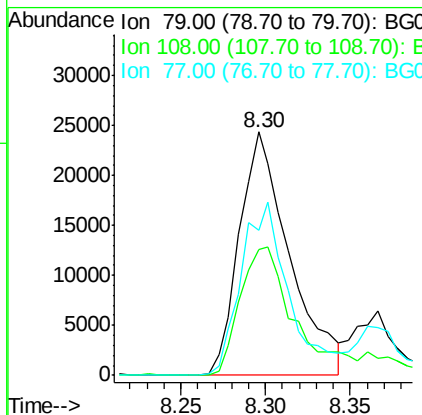
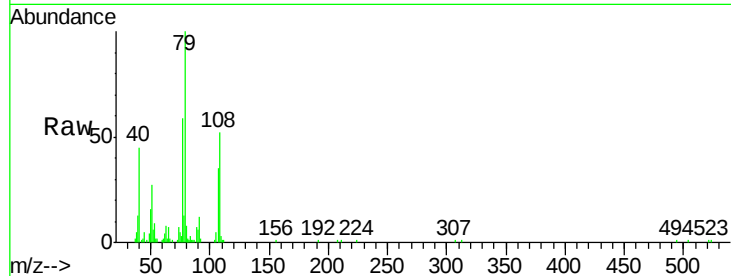
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	79	Resp:	50350
Ion Ratio	Lower	Upper	
79	100		
108	51.9	46.5	69.7
77	59.4	52.3	78.5

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 12.44 ng

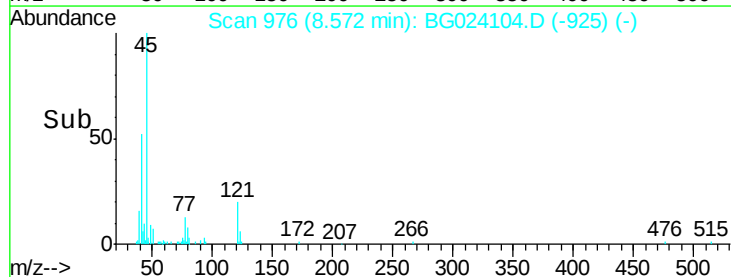
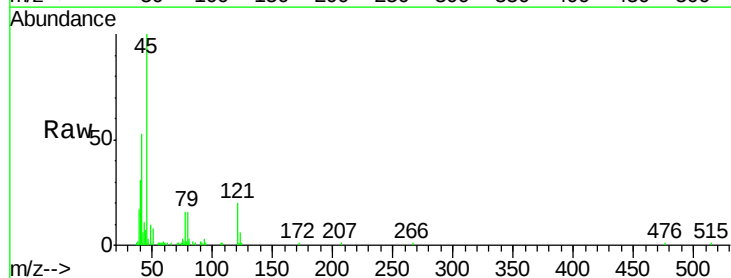
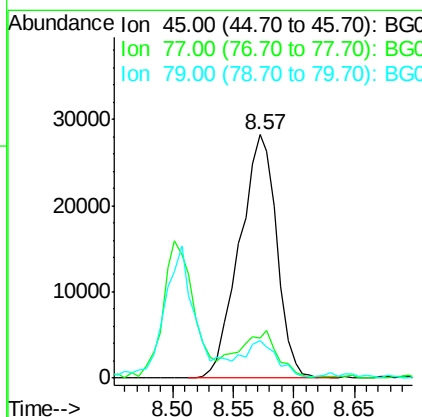
RT: 8.57 min Scan# 976

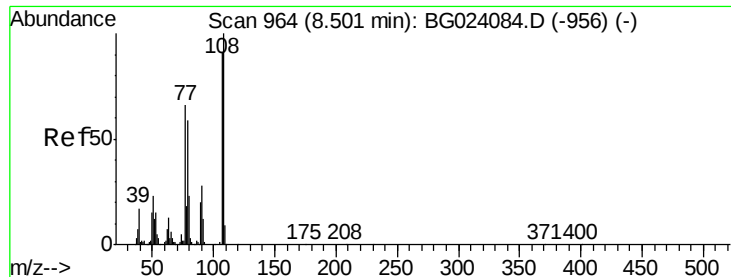
Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	45	Resp:	60446
Ion Ratio	Lower	Upper	
45	100		
77	16.3	0.6	40.6
79	15.6	0.0	36.2





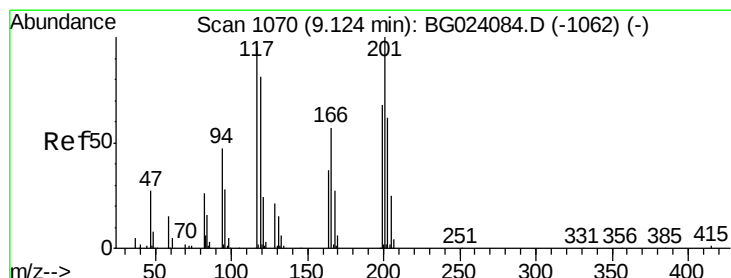
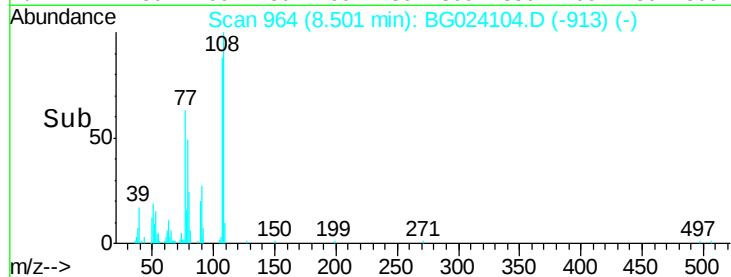
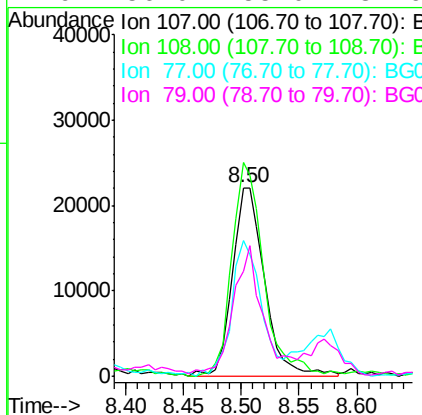
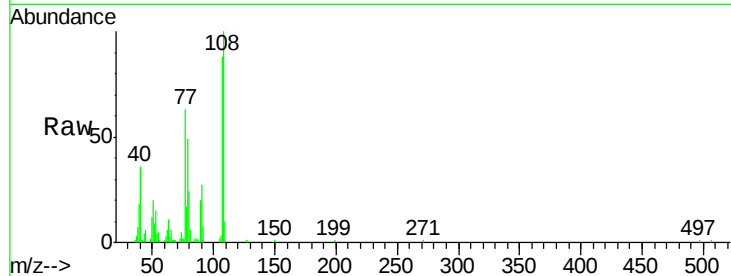
#17
2-Methylphenol
Concen: 14.43 ng
RT: 8.50 min Scan# 964
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	42791		
108	113.4	92.0	138.0	
77	71.9	55.8	83.6	
79	56.0	55.0	82.6	

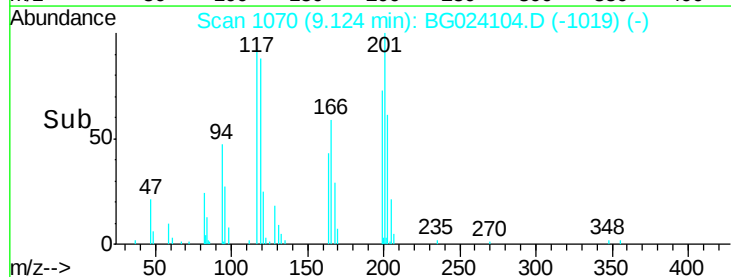
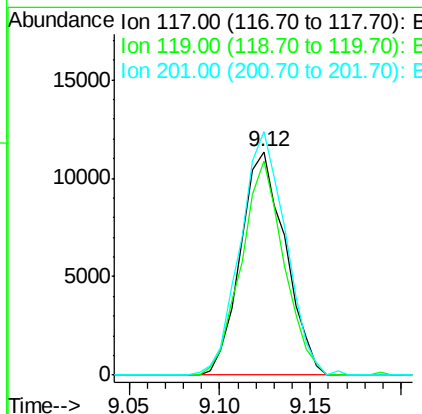
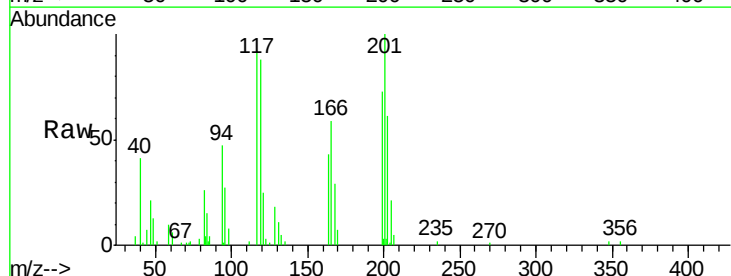
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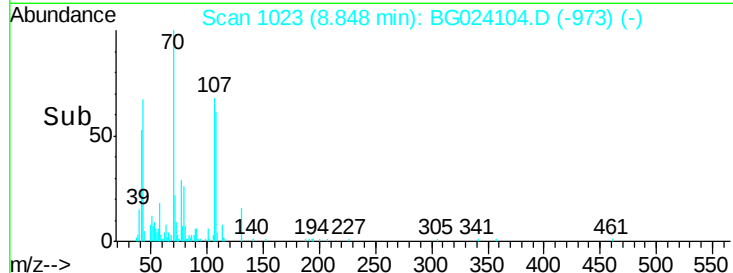
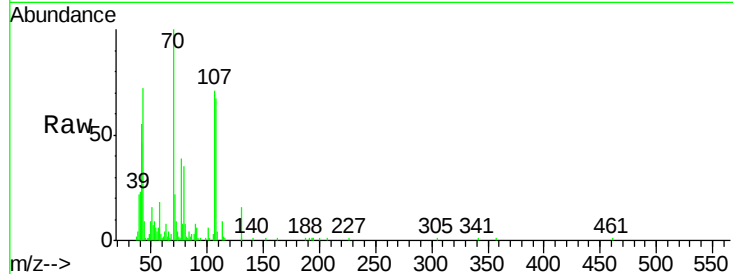
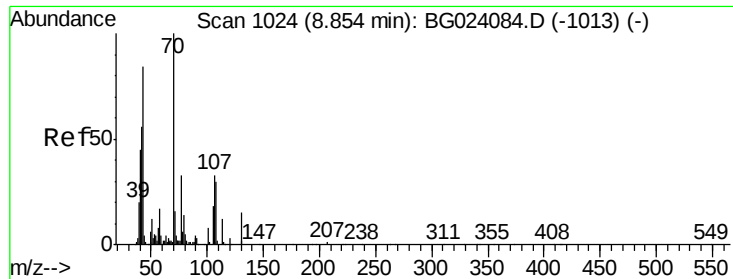
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#18
Hexachloroethane
Concen: 13.45 ng
RT: 9.12 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	19468		
119	95.9	73.7	110.5	
201	109.0	88.7	133.1	





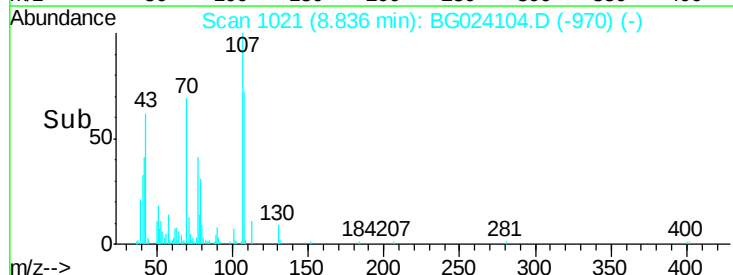
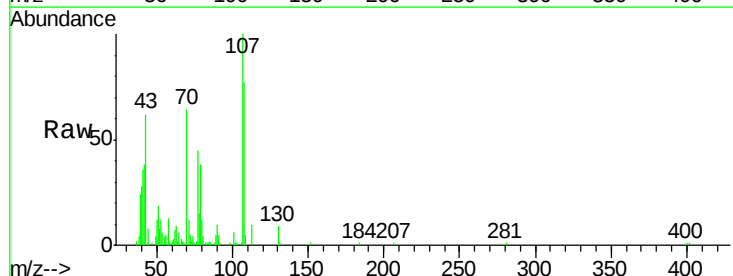
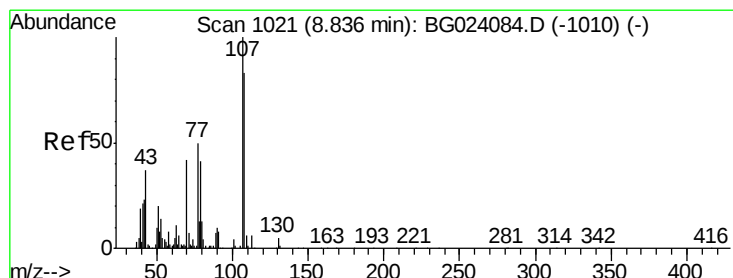
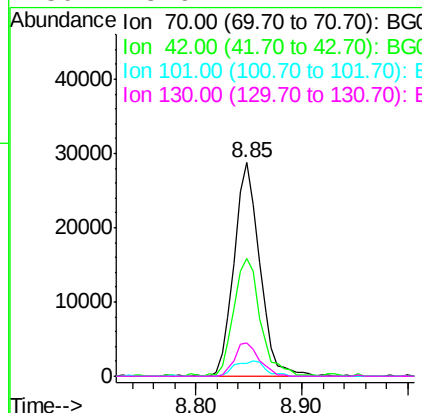
#19
n-Nitroso-di-n-propylamine
Concen: 11.55 ng
RT: 8.85 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
70	100		
42	55.4	42.1	63.1
101	5.8	7.2	10.8
130	15.6	14.2	21.2

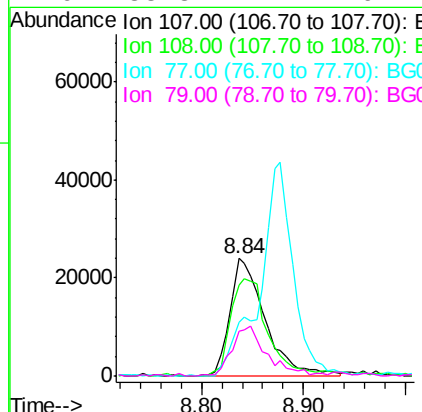
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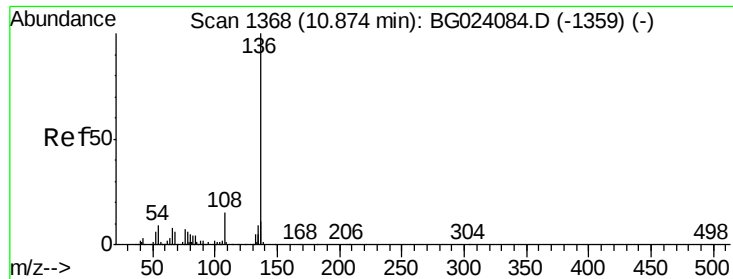
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#20
3+4-Methylphenols
Concen: 13.38 ng
RT: 8.84 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		
108	76.9	72.5	112.5
77	45.3	30.1	70.1
79	38.3	24.2	64.2





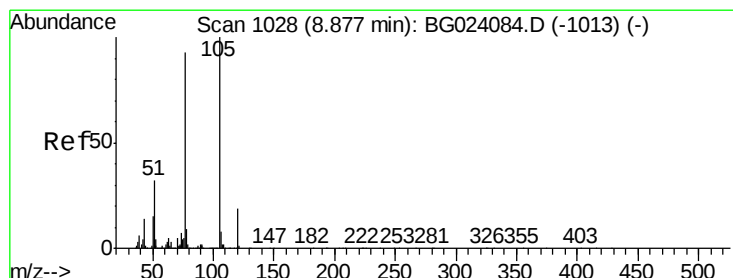
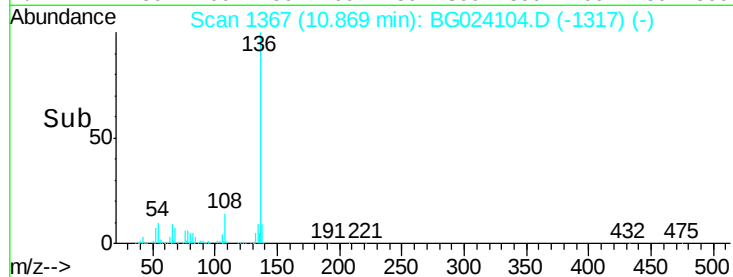
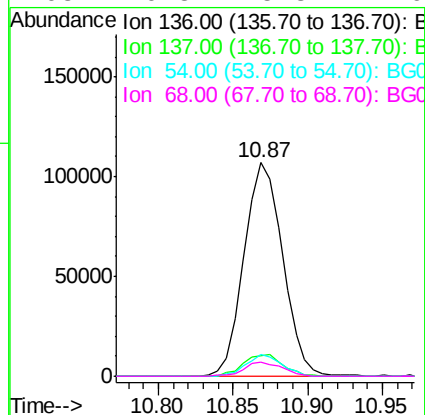
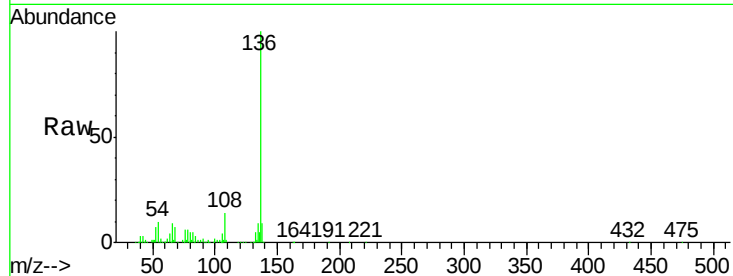
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	191891		
137	9.5	9.6	14.4#	
54	10.5	7.3	10.9	
68	6.8	5.3	7.9	

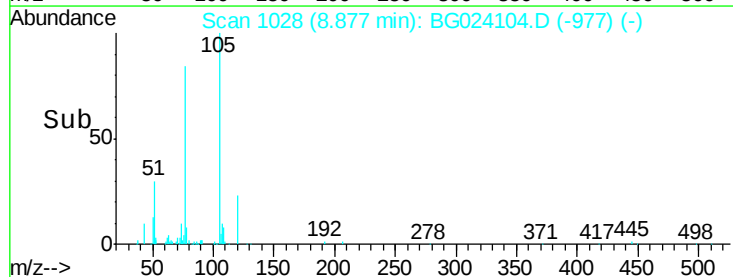
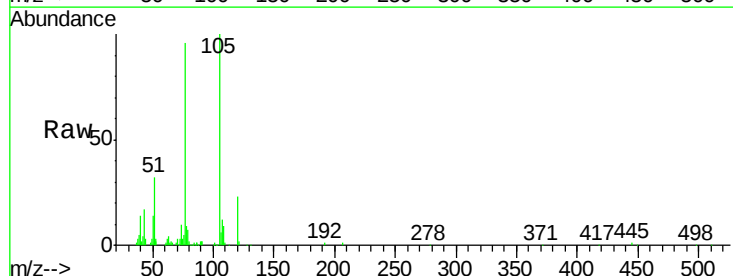
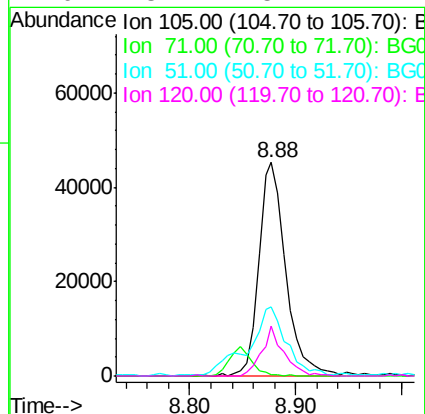
Manual Integrations
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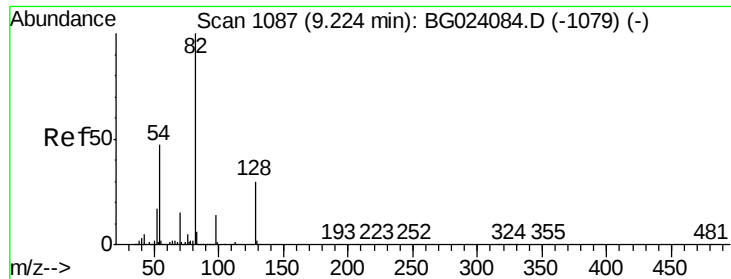
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#22
Acetophenone
Concen: 14.52 ng
RT: 8.88 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	80408		
71	0.4	2.6	3.8#	
51	32.3	27.1	40.7	
120	23.1	15.1	22.7#	





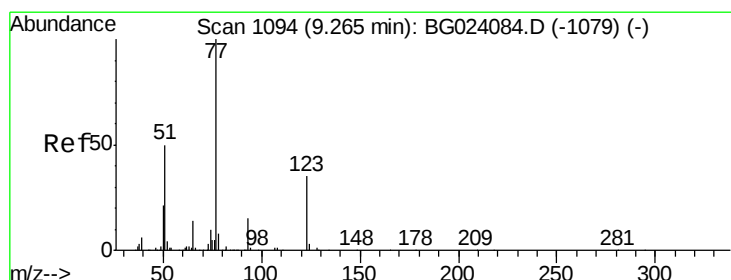
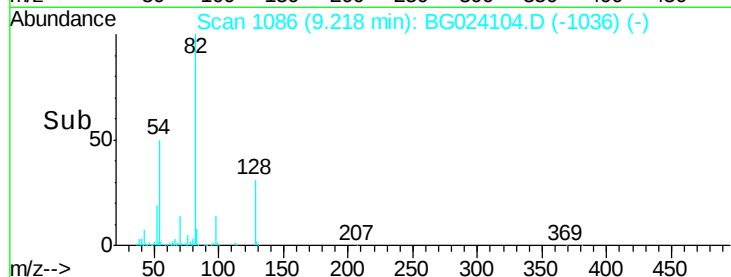
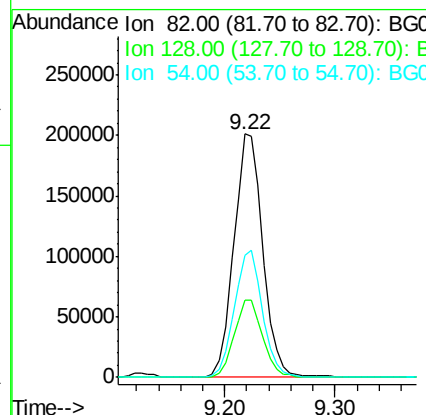
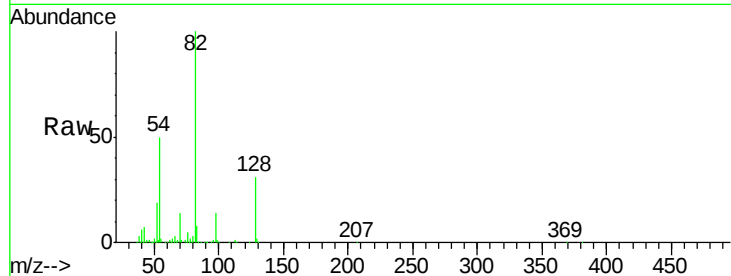
#23
 Nitrobenzene-d5
 Concen: 75.67 ng
 RT: 9.22 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	31.5	24.4	36.6
54	49.9	41.4	62.0

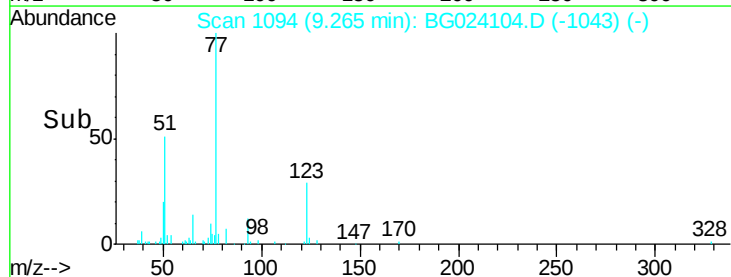
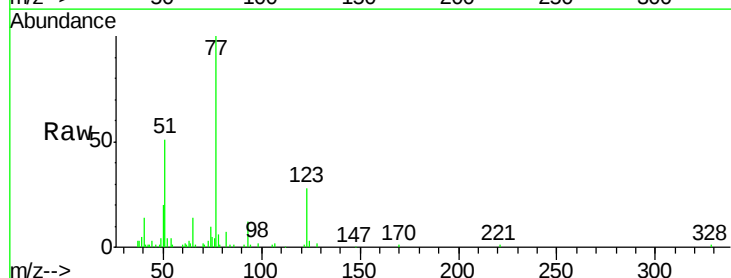
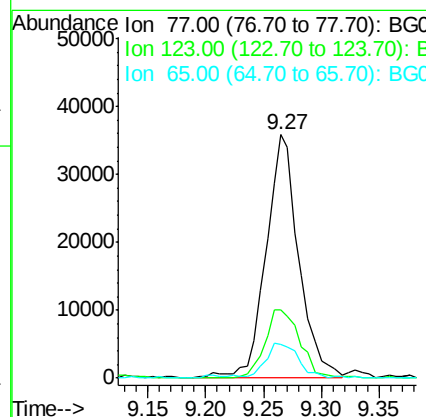
Manual Integrations
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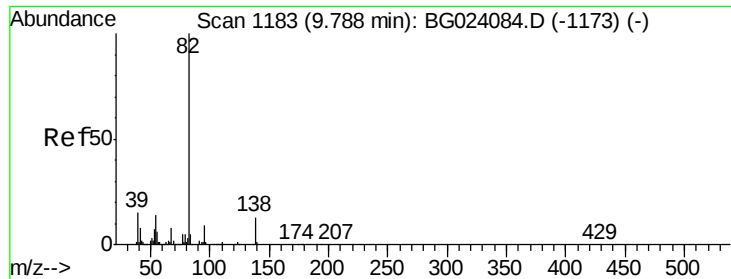
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#24
 Nitrobenzene
 Concen: 13.56 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	28.2	25.0	37.6
65	13.7	13.4	20.0





#25

Isophorone

Concen: 13.05 ng

RT: 9.78 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

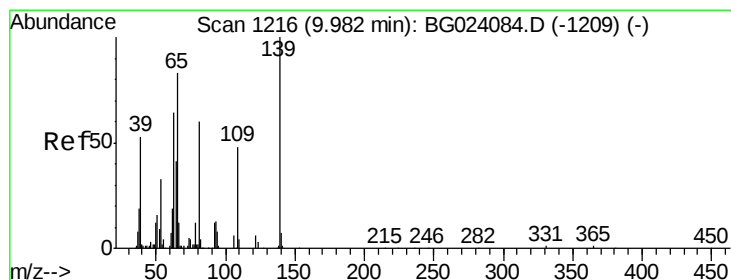
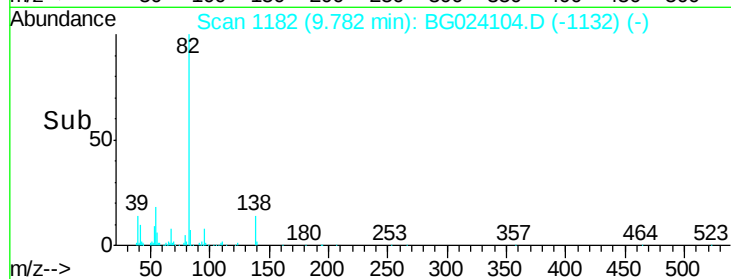
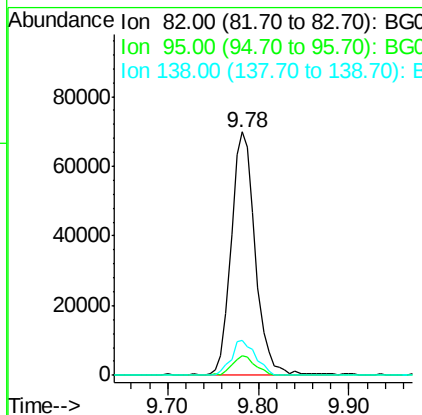
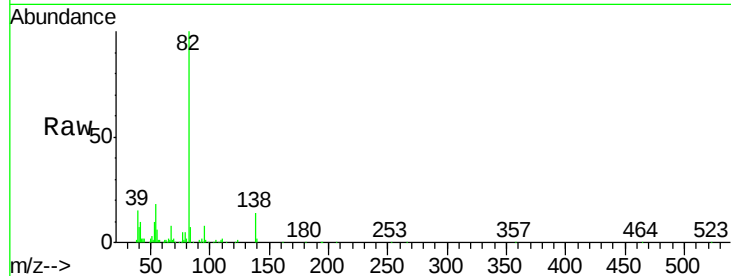
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Resp Upper
82	100		
95	8.0	8.2	12.2#
138	14.3	10.7	16.1

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#26

2-Nitrophenol

Concen: 13.56 ng

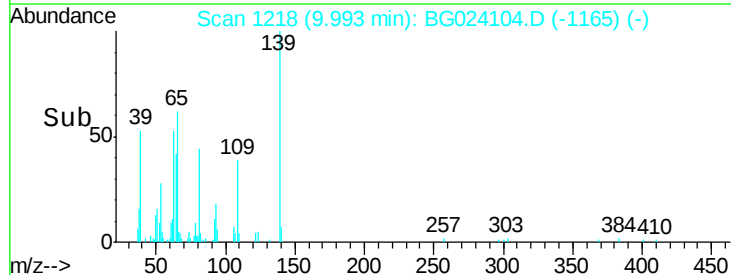
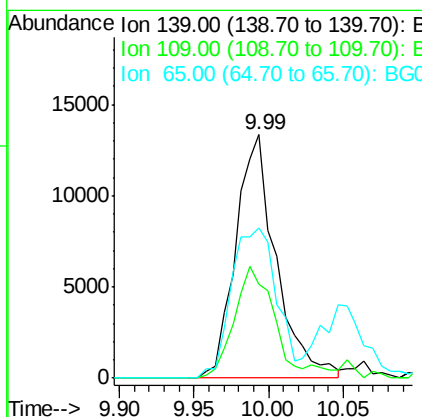
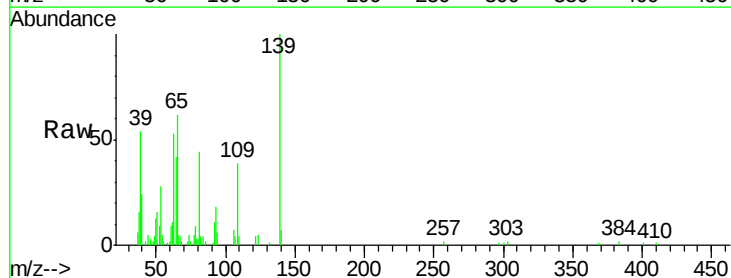
RT: 9.99 min Scan# 1218

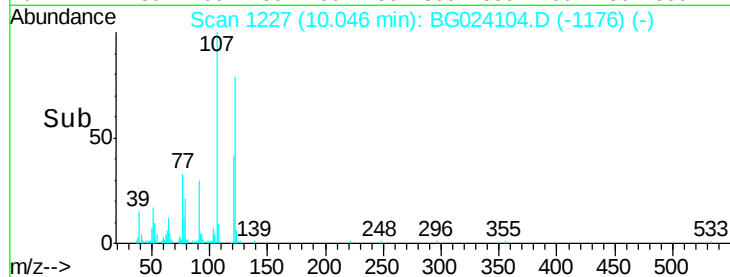
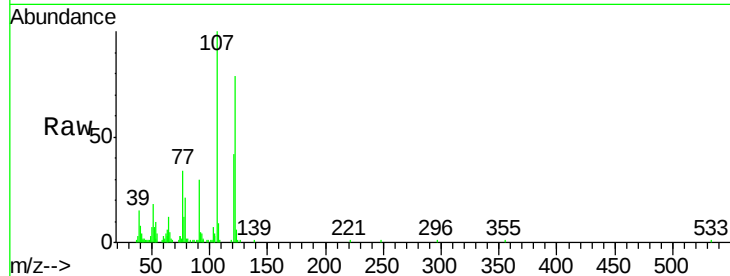
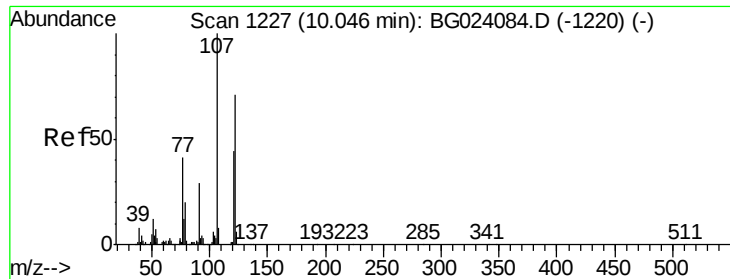
Delta R.T. 0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
139	100		
109	38.5	43.5	65.3#
65	61.6	64.3	96.5#





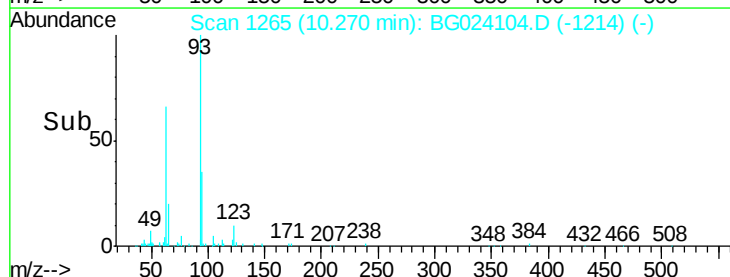
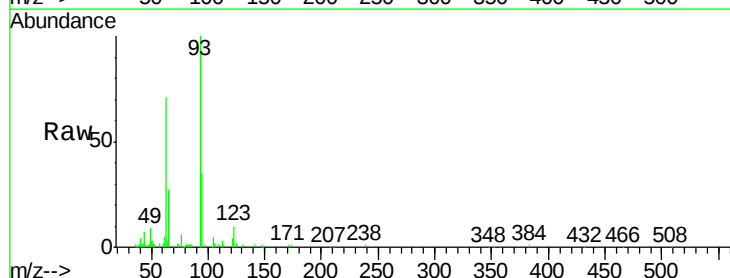
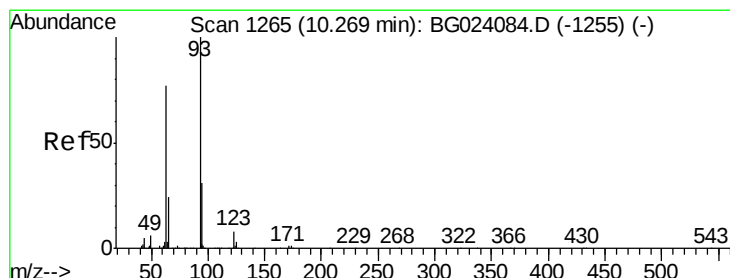
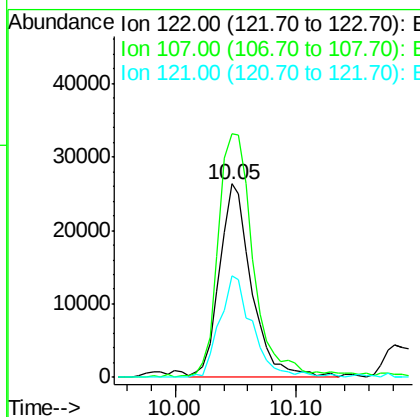
#27
 2,4-Dimethylphenol
 Concen: 15.63 ng
 RT: 10.05 min Scan# 1227
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	48369		
107	126.1	117.0	175.4	
121	52.5	50.1	75.1	

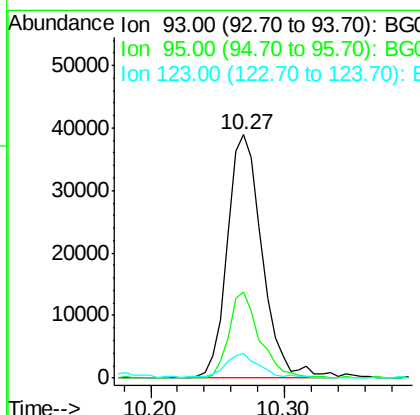
Manual Integrations
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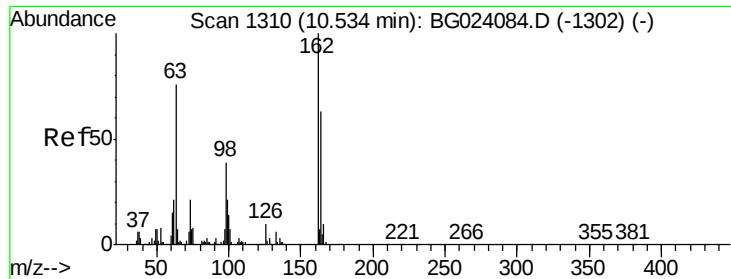
umangi
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#28
 bis(2-Chloroethoxy)methane
 Concen: 14.73 ng
 RT: 10.27 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	71106		
95	35.2	25.4	38.2	
123	10.3	8.2	12.2	





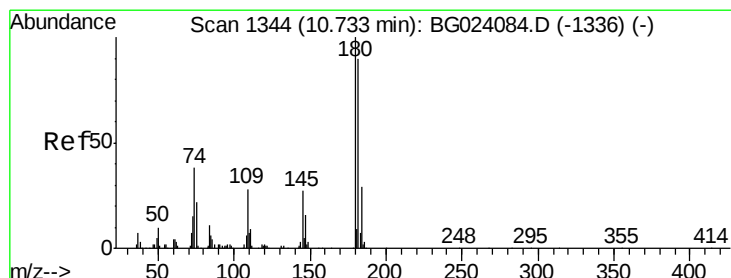
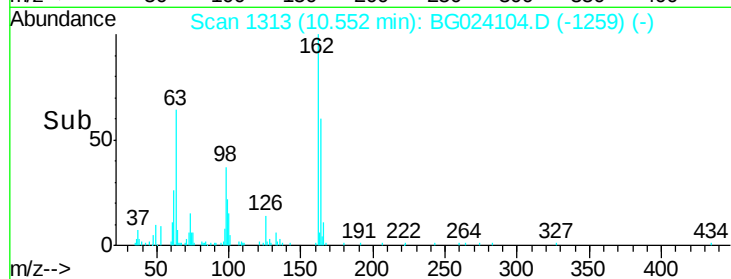
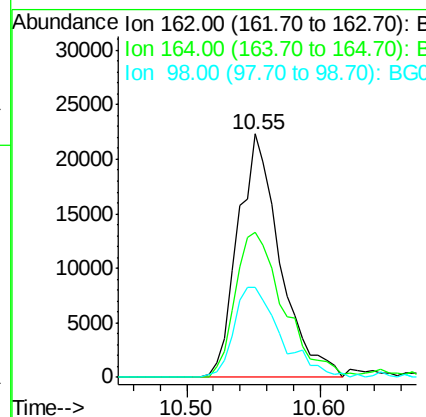
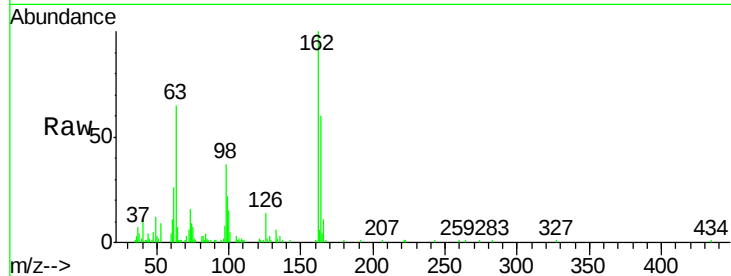
#29
2,4-Dichlorophenol
Concen: 15.20 ng
RT: 10.55 min Scan# 1313
Delta R.T. 0.02 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	48960		
164	59.8	44.3	84.3	
98	36.8	19.5	59.5	

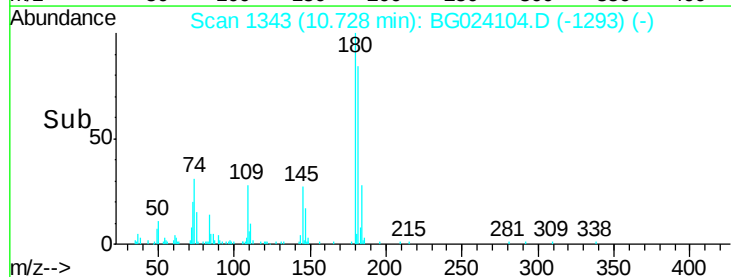
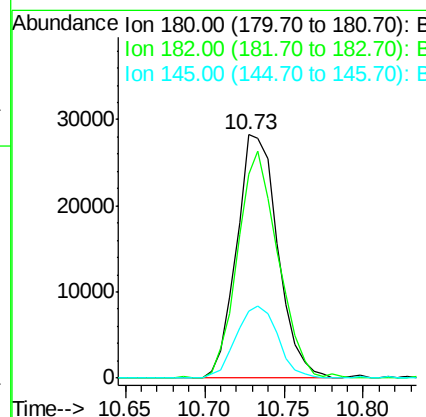
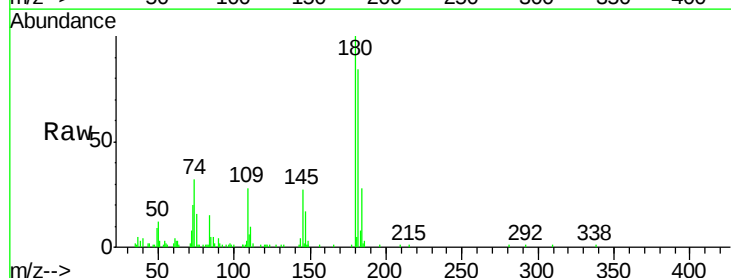
Manual Integrations
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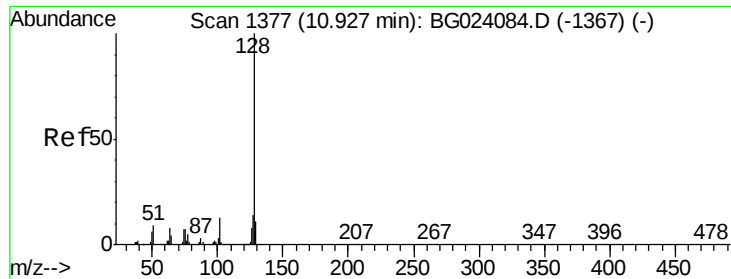
umangi
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#30
1,2,4-Trichlorobenzene
Concen: 14.73 ng
RT: 10.73 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	50802		
182	83.8	73.8	110.8	
145	27.3	24.4	36.6	





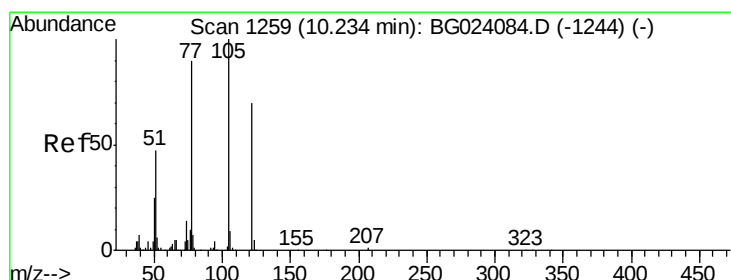
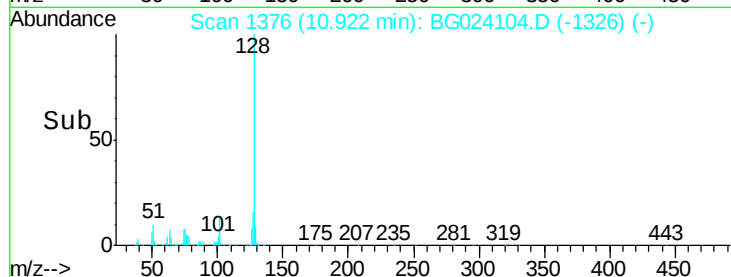
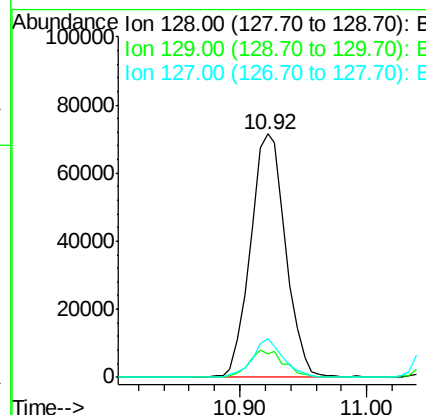
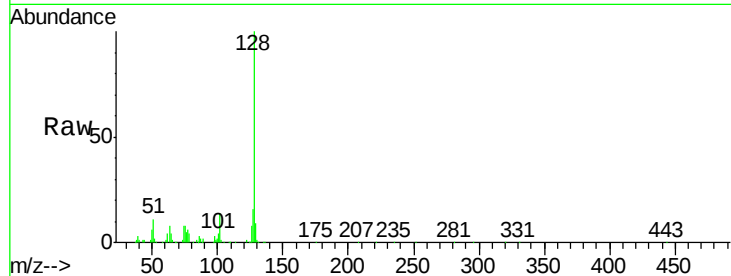
#31
Naphthalene
Concen: 14.18 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	9.5	9.4	14.0
127	16.0	11.3	16.9

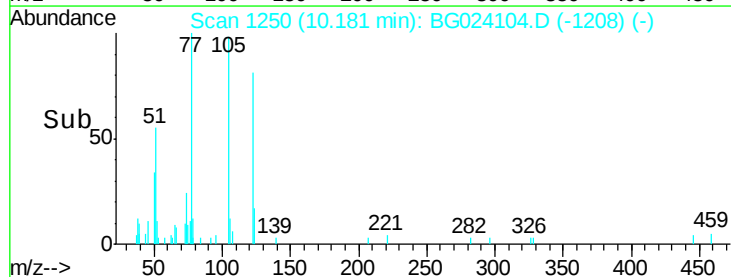
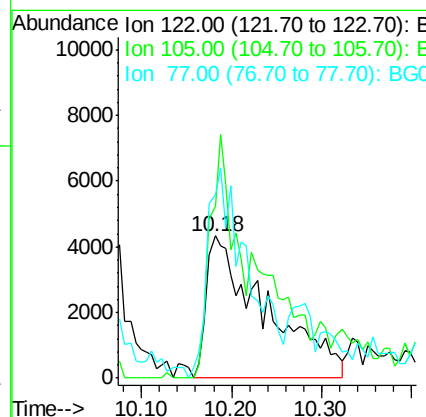
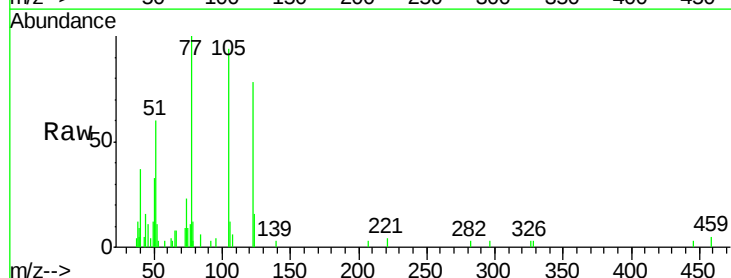
Manual Integrations
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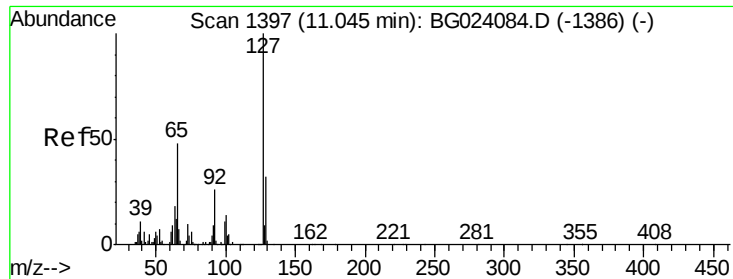
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#32
Benzoic acid
Concen: 10.83 ng m
RT: 10.18 min Scan# 1250
Delta R.T. -0.05 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	121.4	117.2	157.2
77	128.8	109.2	149.2





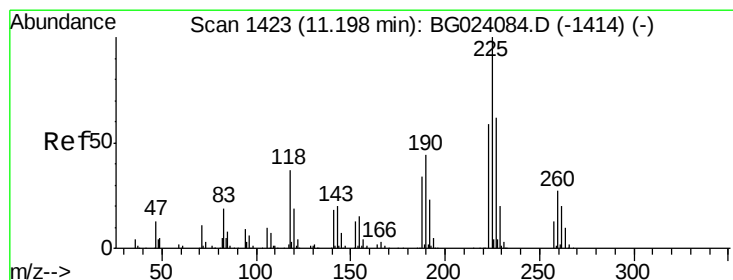
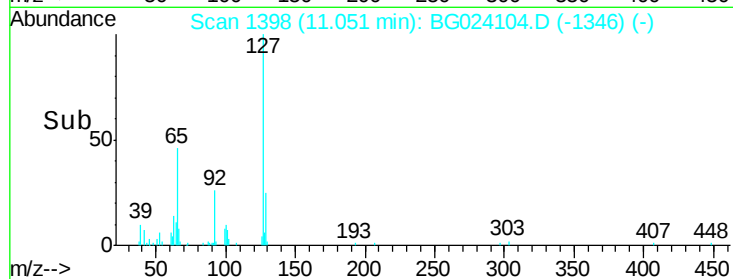
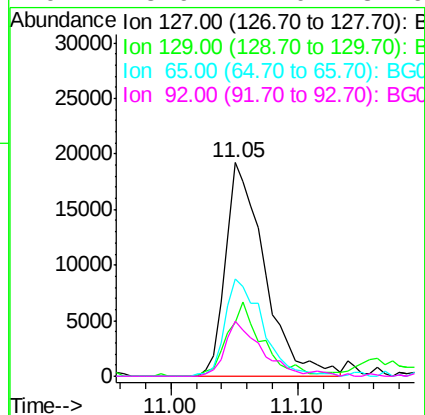
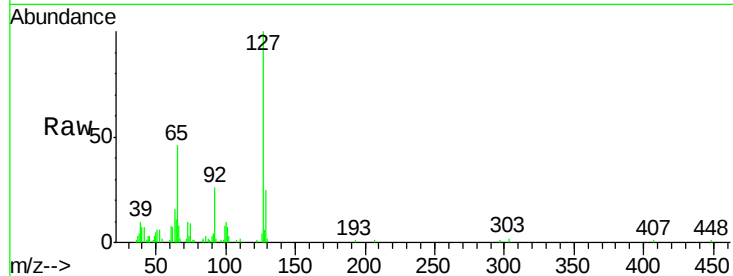
#33
4-Chloroaniline
Concen: 9.43 ng
RT: 11.05 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	40907		
129	25.3	27.9	41.9#	
65	45.5	36.8	55.2	
92	25.9	21.0	31.6	

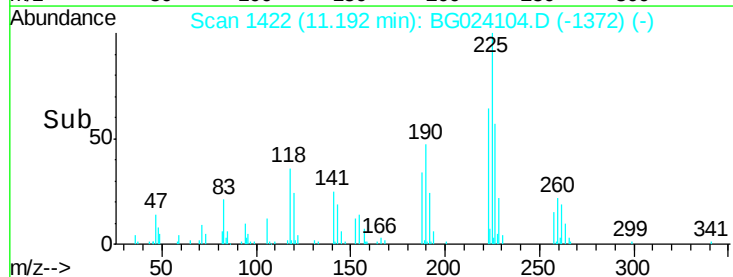
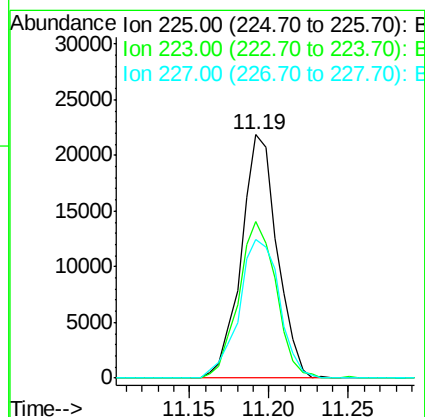
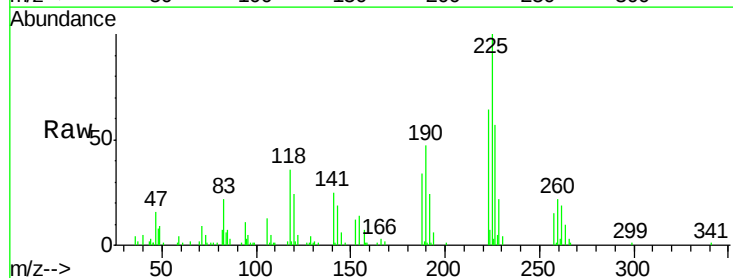
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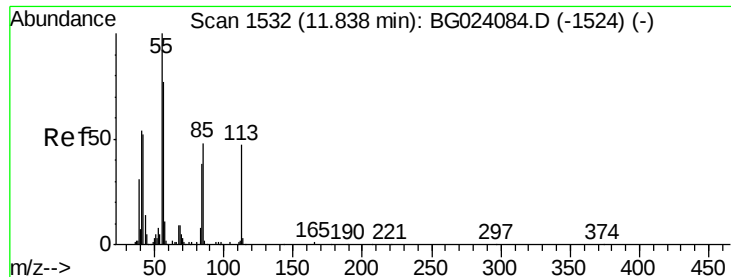
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#34
Hexachlorobutadiene
Concen: 12.66 ng
RT: 11.19 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	34371		
223	64.2	49.6	74.4	
227	57.0	54.5	81.7	





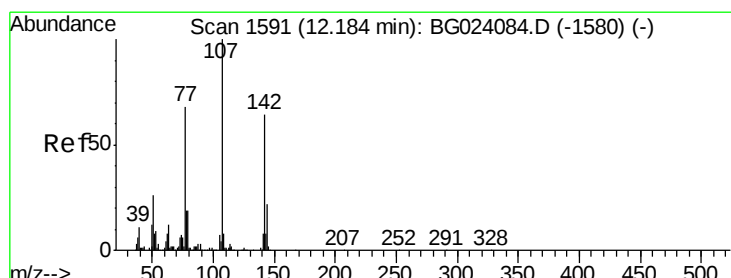
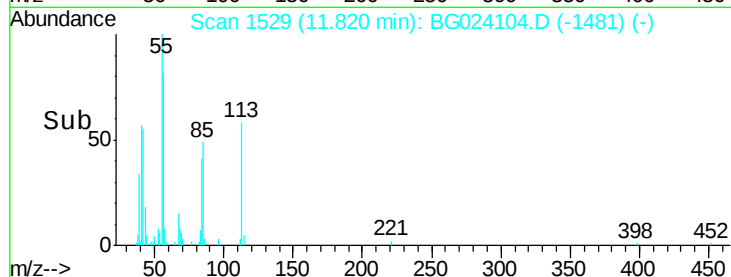
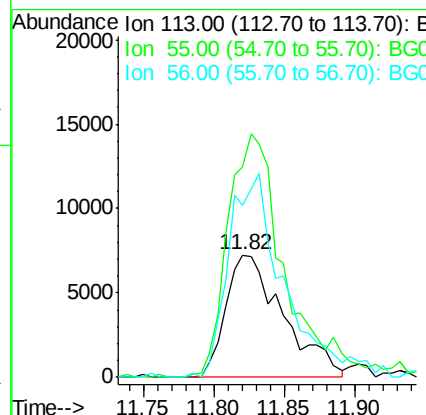
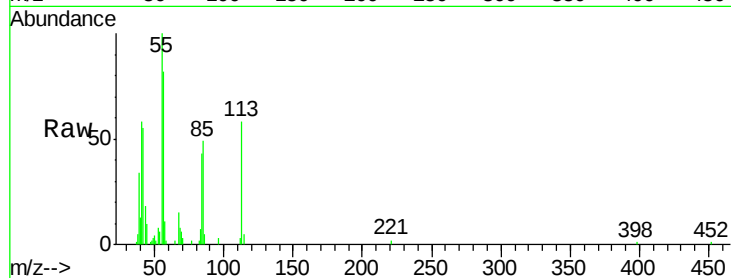
#35
 Caprolactam
 Concen: 15.69 ng
 RT: 11.82 min Scan# 1529
 Delta R.T. -0.02 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	20567		
55	172.3		154.5	194.5
56	141.0		125.1	165.1

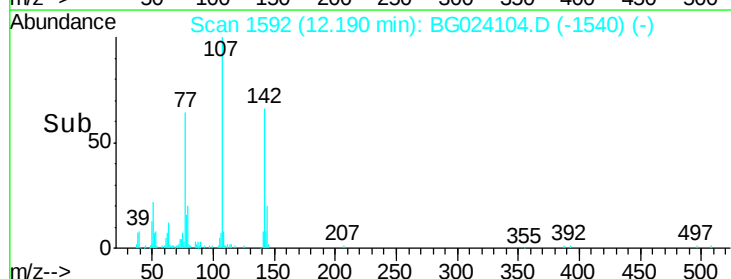
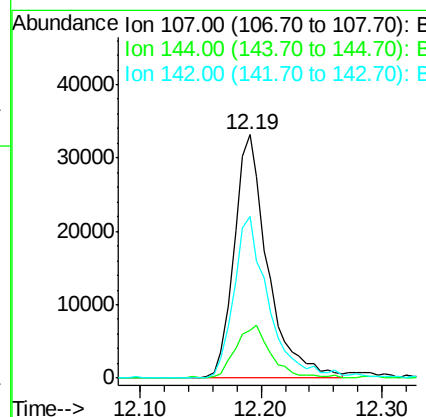
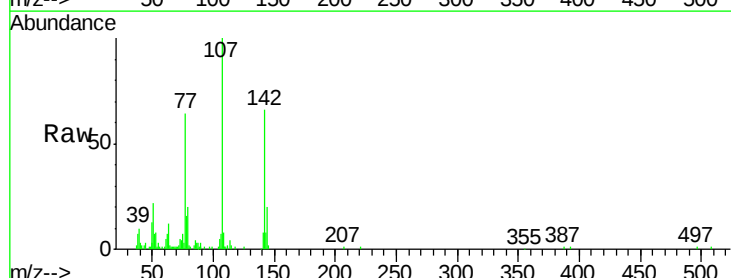
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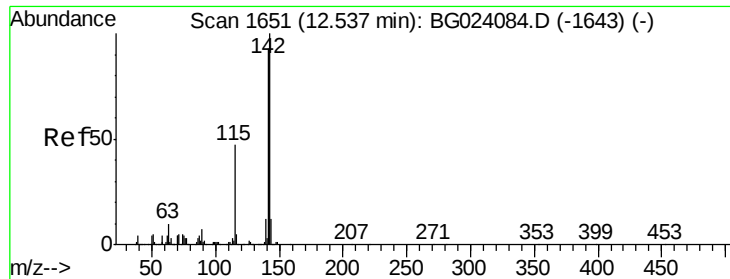
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#36
 4-Chloro-3-methylphenol
 Concen: 14.15 ng
 RT: 12.19 min Scan# 1592
 Delta R.T. 0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	64152		
144	19.9		17.0	25.6
142	66.4		53.0	79.6





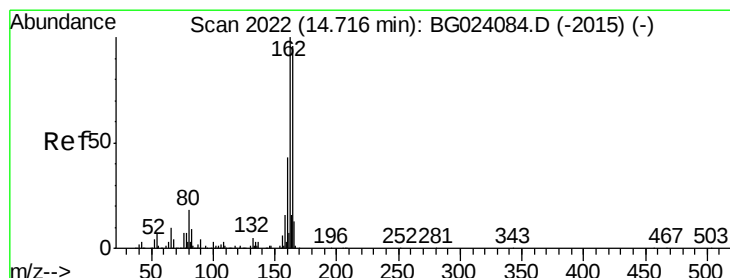
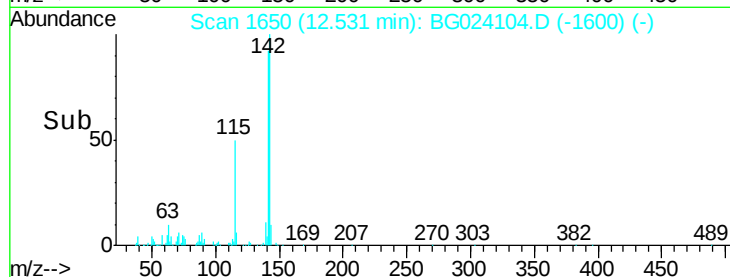
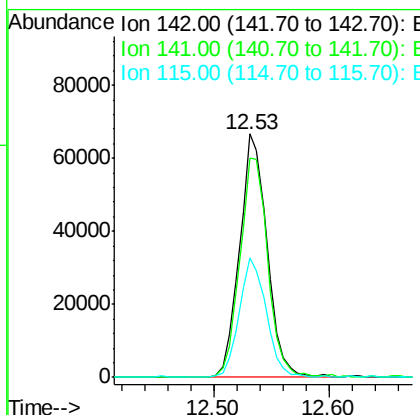
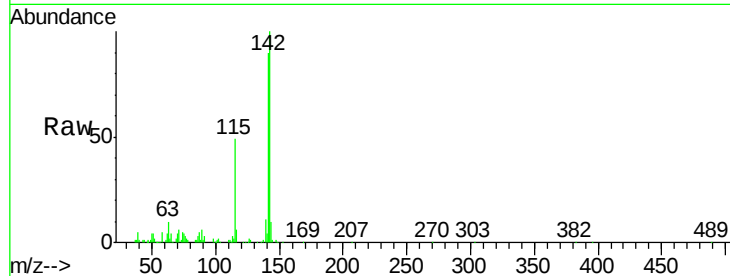
#37
 2-Methylnaphthalene
 Concen: 14.81 ng
 RT: 12.53 min Scan# 1650
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	110207		
141	90.1	70.2	105.2	
115	48.8	41.7	62.5	

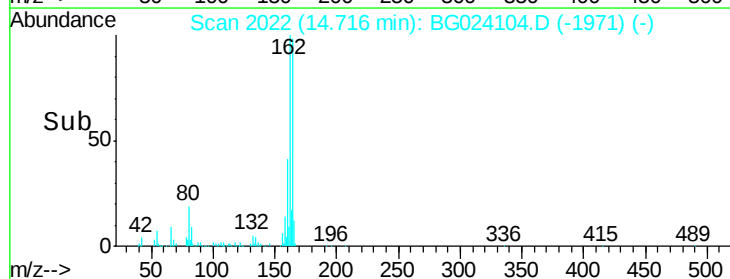
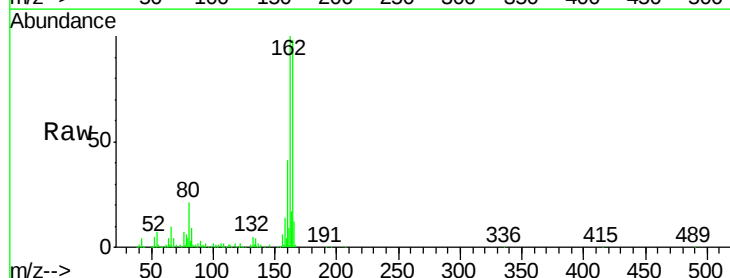
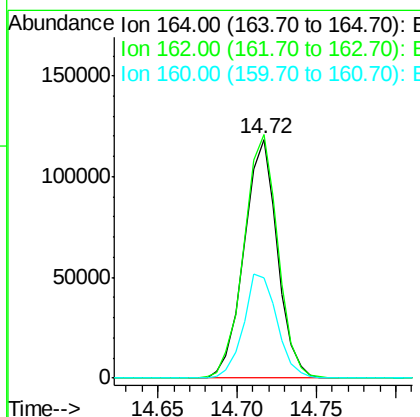
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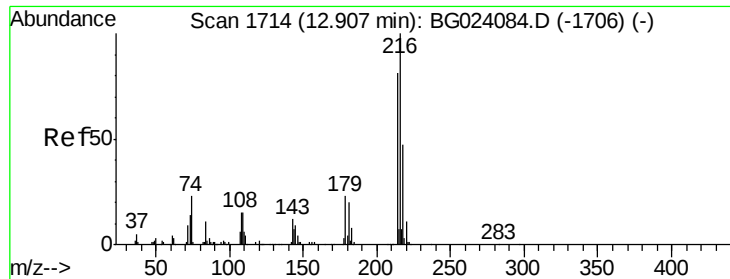
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.72 min Scan# 2022
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	172858		
162	102.0	87.7	131.5	
160	41.9	37.2	55.8	





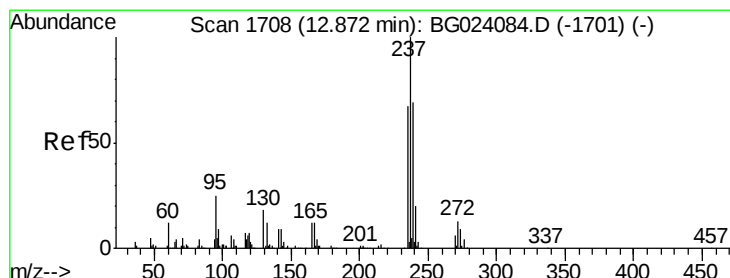
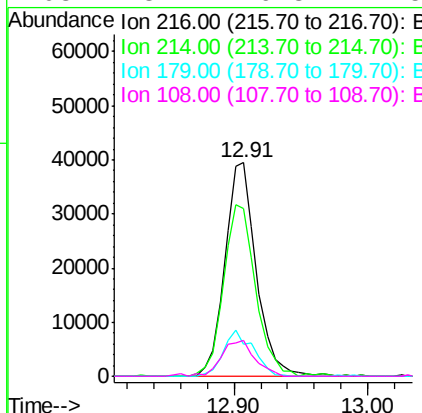
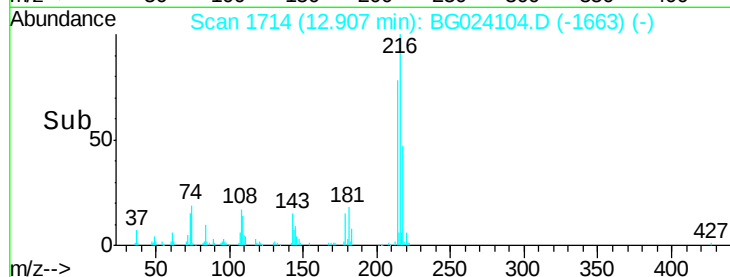
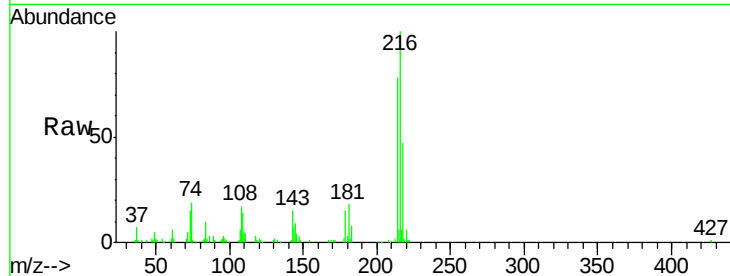
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 12.83 ng
 RT: 12.91 min Scan# 1714
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
216	100		
214	82.6	62.9	94.3
179	20.7	17.2	25.8
108	18.1	16.3	24.5

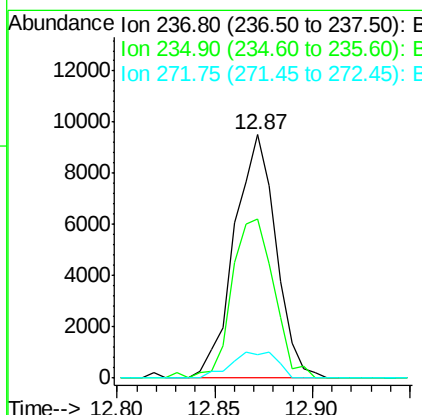
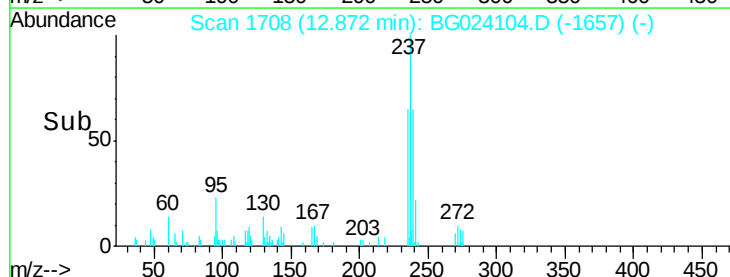
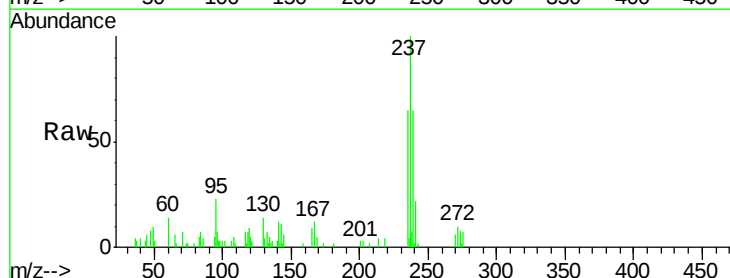
Manual Integrations
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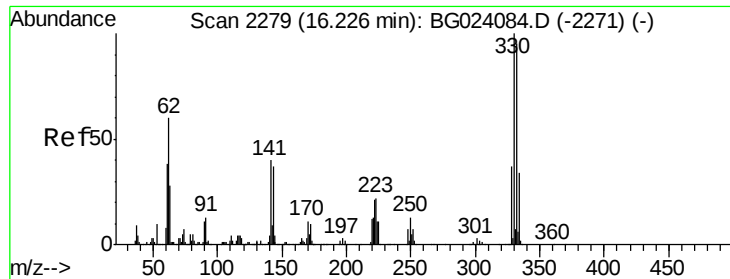
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#40
 Hexachlorocyclopentadiene
 Concen: 11.04 ng
 RT: 12.87 min Scan# 1708
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
237	100		
235	65.2	43.1	83.1
272	9.8	0.0	30.9





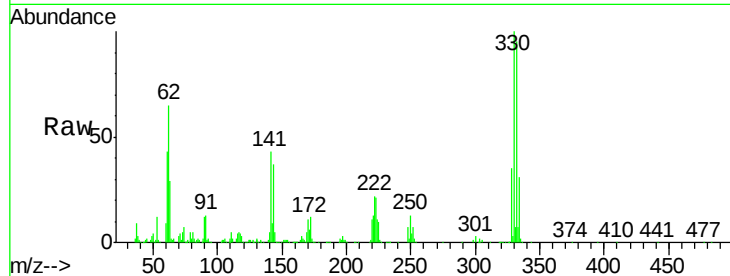
#41
 2,4,6-Tribromophenol
 Concen: 114.97 ng
 RT: 16.22 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	285650		
332	95.8	77.4	116.2	
141	43.2	31.7	47.5	

Manual Integrations
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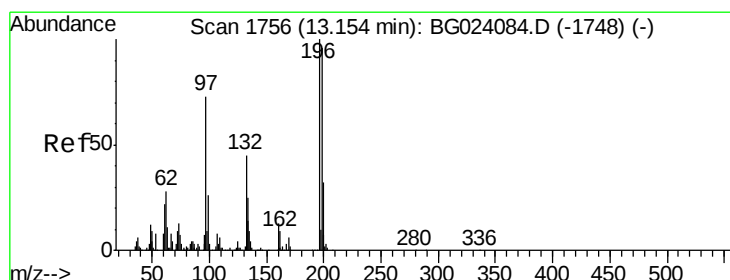
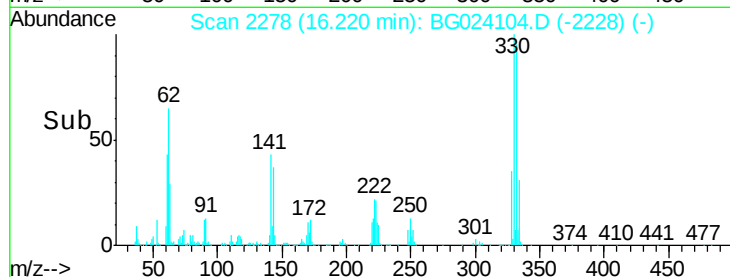
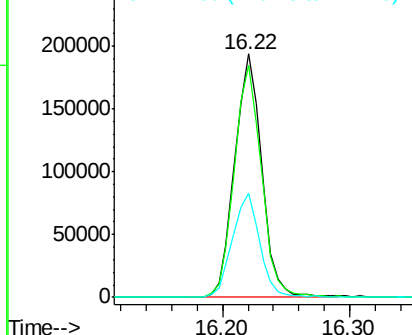


Abundance

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: 14.48 ng
 RT: 13.16 min Scan# 1757
 Delta R.T. 0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

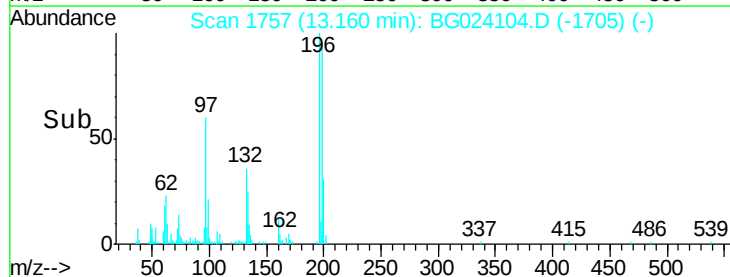
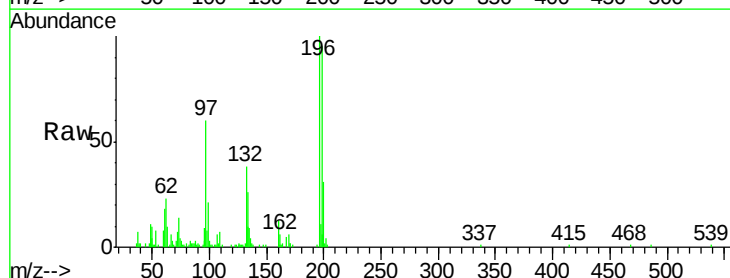
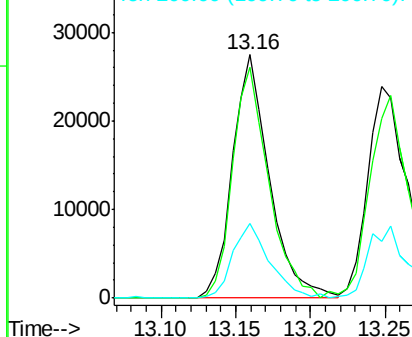
Tgt Ion	Ratio	Resp	Lower	Upper
196	100	47257		
198	94.7	78.2	117.2	
200	30.8	27.0	40.4	

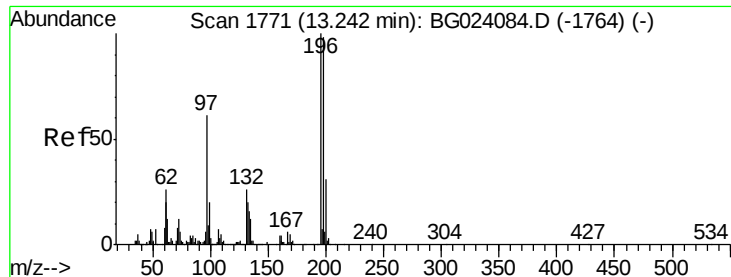
Abundance

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





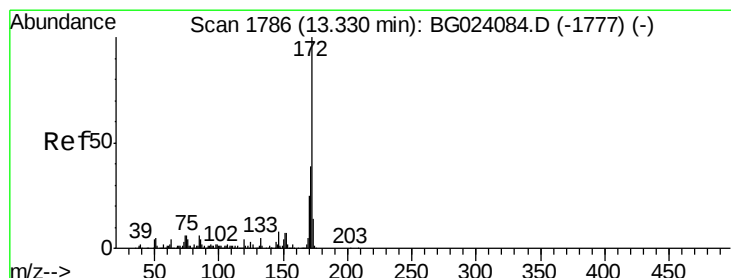
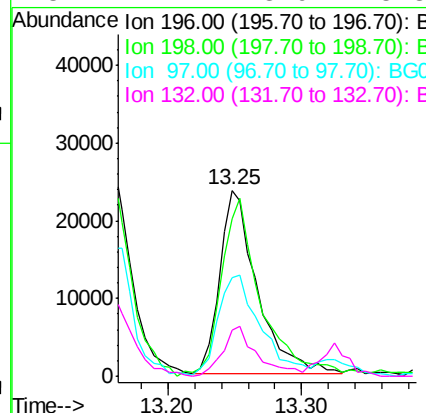
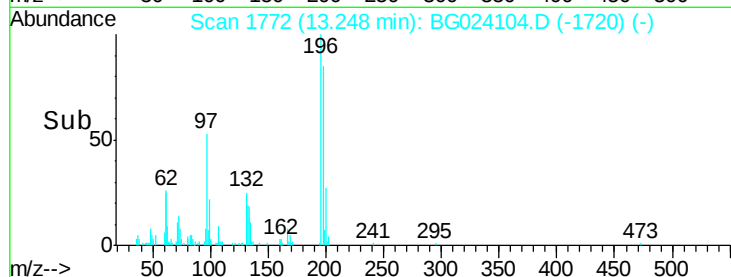
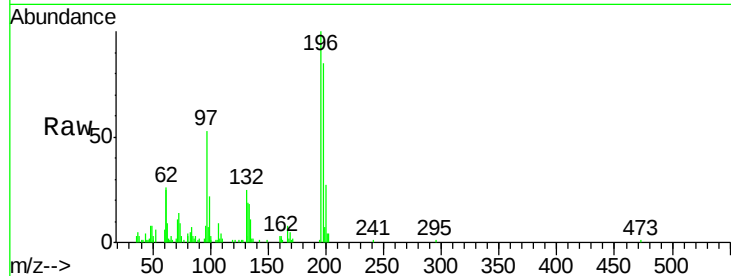
#43
2,4,5-Trichlorophenol
Concen: 13.95 ng
RT: 13.25 min Scan# 1772
Delta R.T. 0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	46834		
198	84.9	85.7	128.5#	
97	52.7	45.5	68.3	
132	24.7	18.9	28.3	

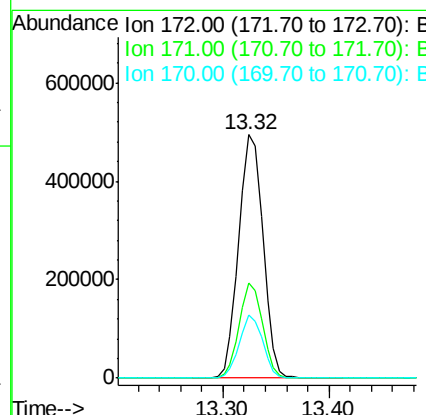
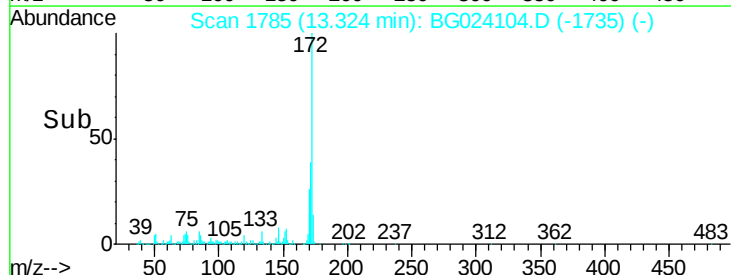
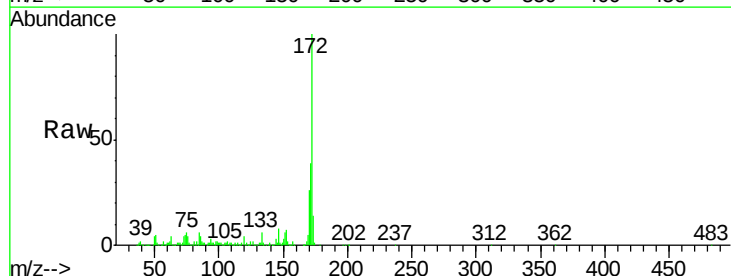
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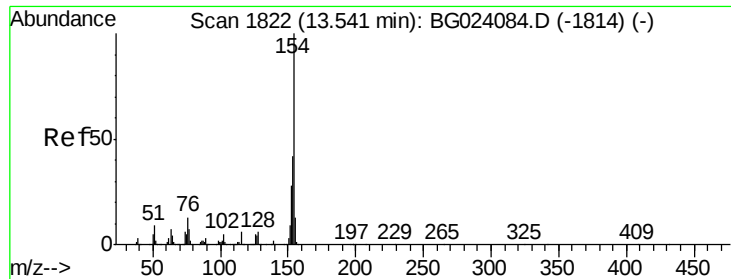
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#44
2-Fluorobiphenyl
Concen: 76.37 ng
RT: 13.32 min Scan# 1785
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	785337		
171	39.1	31.6	47.4	
170	25.9	21.3	31.9	





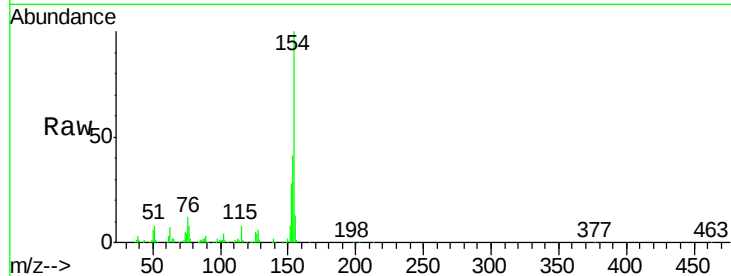
#45
 1,1'-Biphenyl
 Concen: 13.38 ng
 RT: 13.54 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

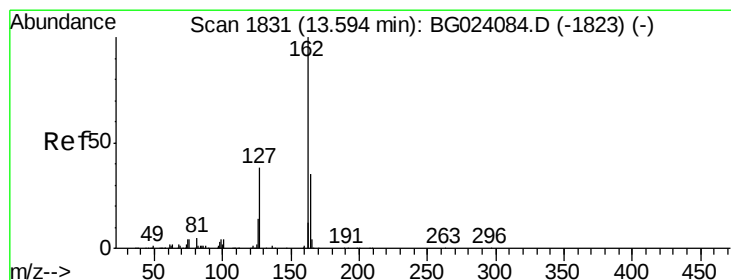
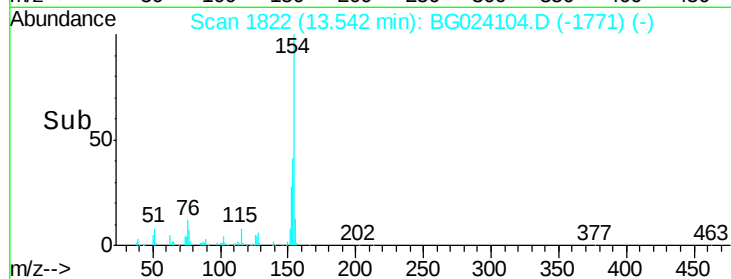
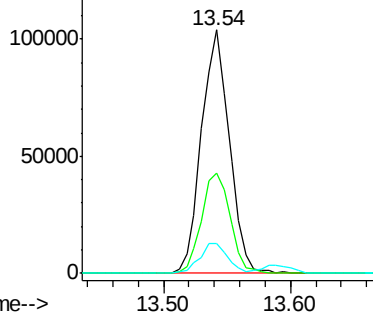
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	158143		
153	41.3	20.2	60.2	
76	12.2	0.0	32.9	

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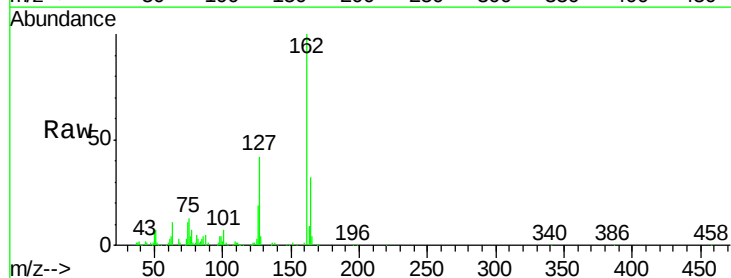


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

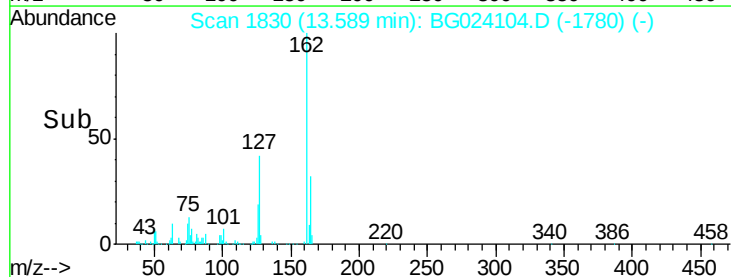
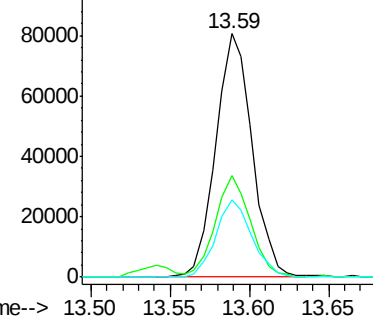


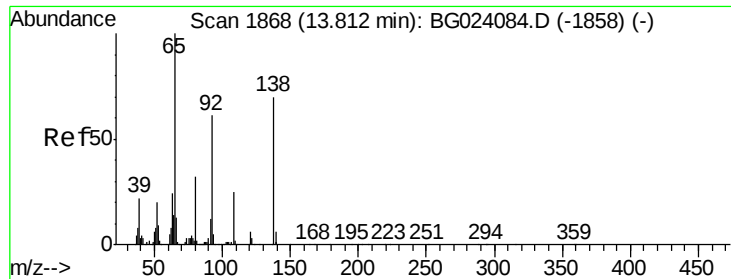
#46
 2-Chloronaphthalene
 Concen: 14.54 ng
 RT: 13.59 min Scan# 1830
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	128359		
127	41.7	32.4	48.6	
164	32.0	25.2	37.8	



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





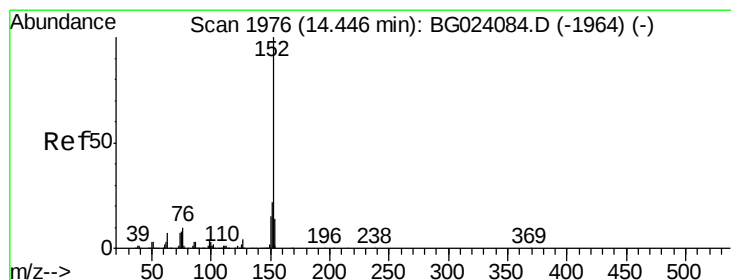
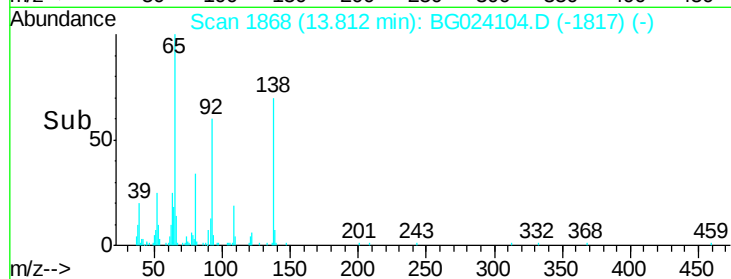
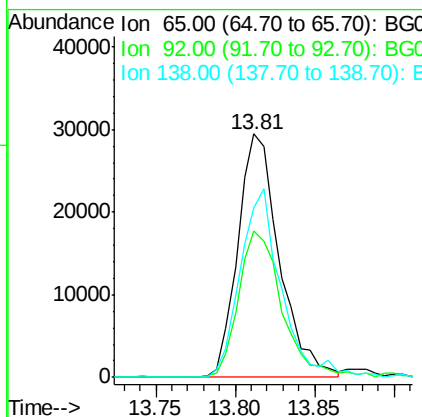
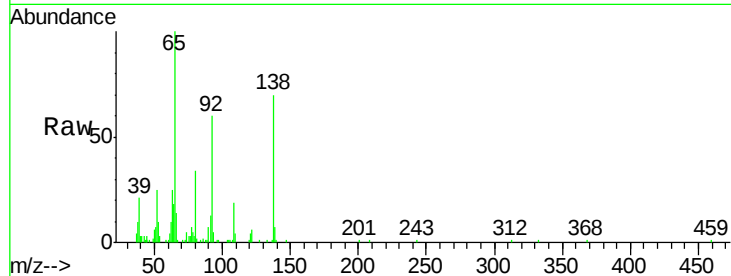
#47
2-Nitroaniline
Concen: 13.06 ng
RT: 13.81 min Scan# 1868
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.1	49.4	74.0
138	69.5	58.0	87.0

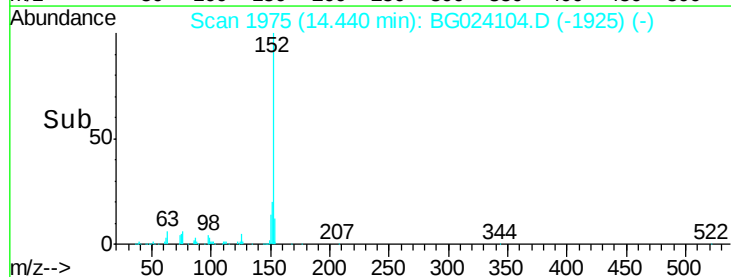
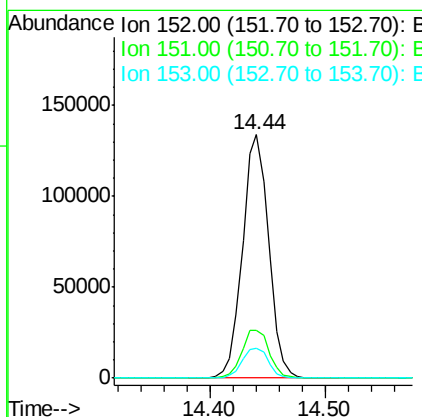
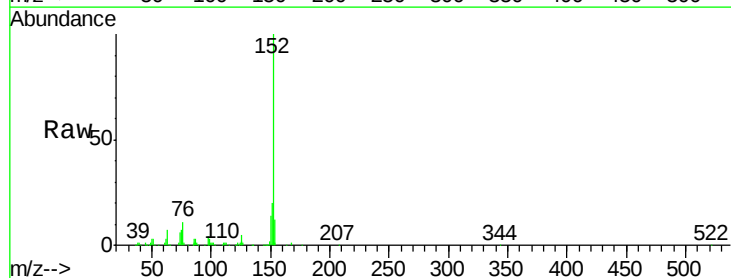
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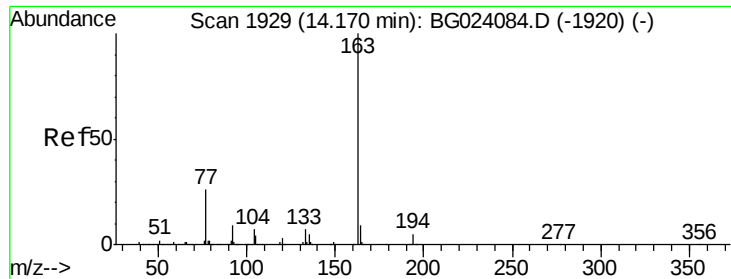
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#48
Acenaphthylene
Concen: 14.04 ng
RT: 14.44 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	17.6	26.4
153	12.3	11.4	17.2





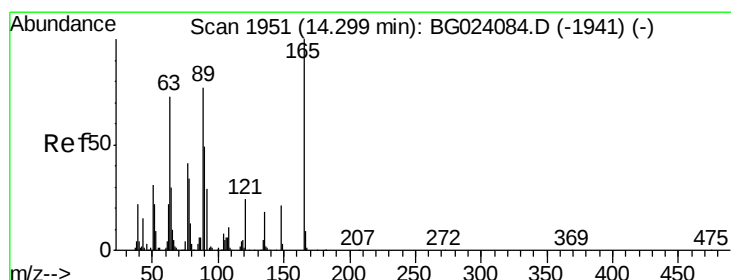
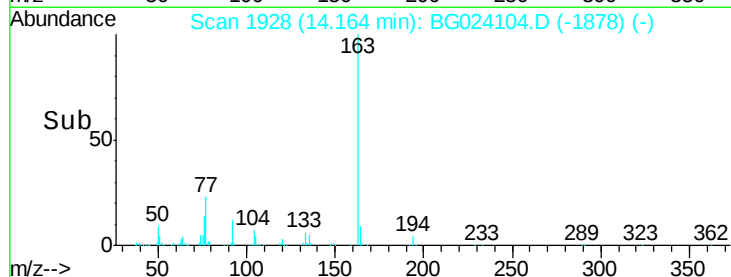
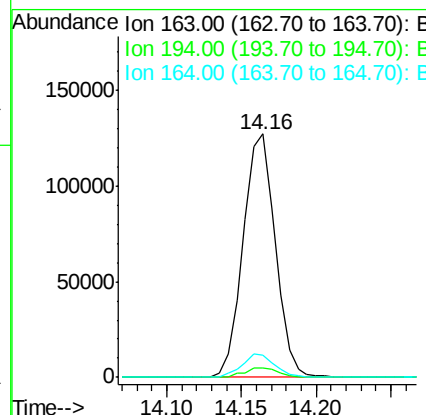
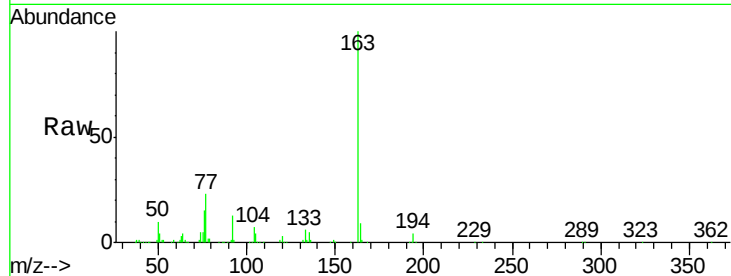
#49
Dimethylphthalate
Concen: 14.36 ng
RT: 14.16 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.7	3.6	5.4
164	9.4	8.1	12.1

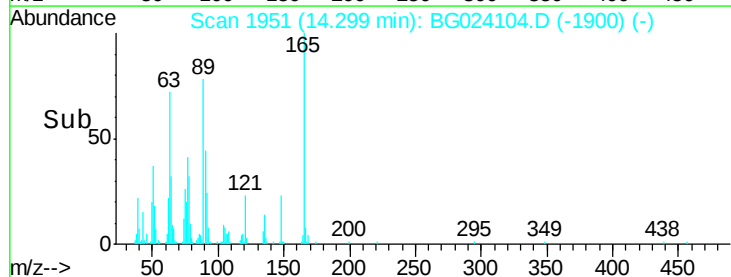
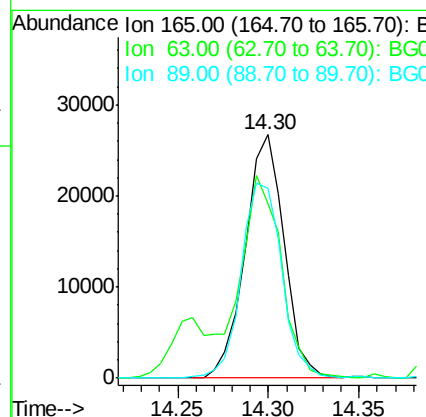
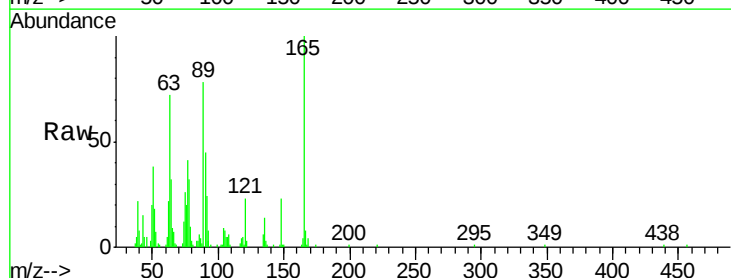
Manual Integrations
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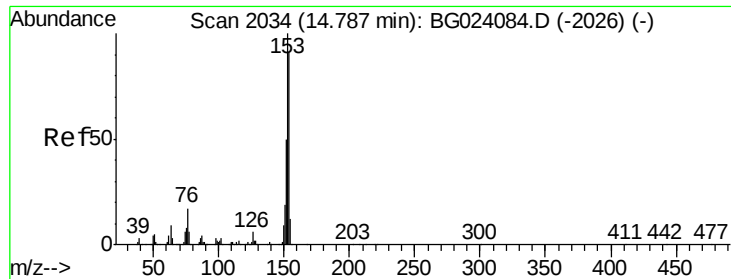
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#50
2,6-Dinitrotoluene
Concen: 14.38 ng
RT: 14.30 min Scan# 1951
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
165	100		
63	71.9	64.3	96.5
89	77.9	64.3	96.5





#51

Acenaphthene

Concen: 14.26 ng

RT: 14.78 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

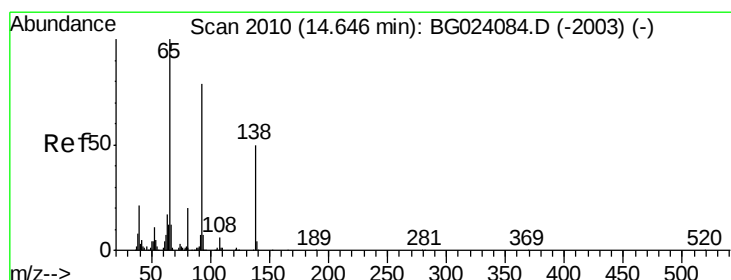
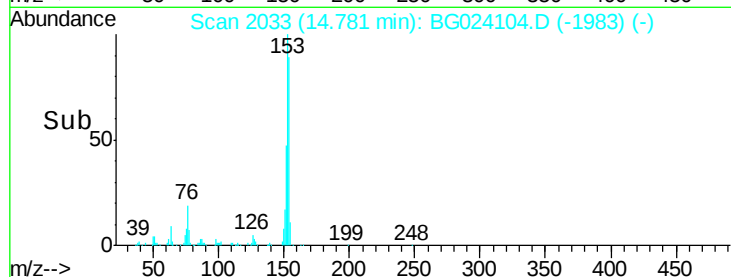
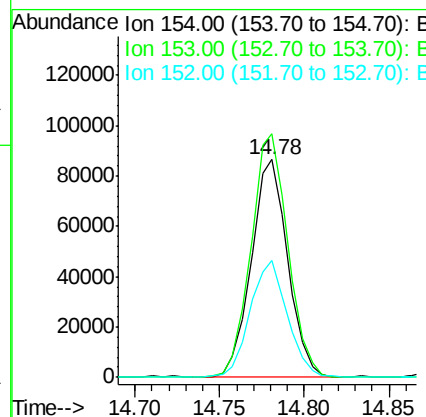
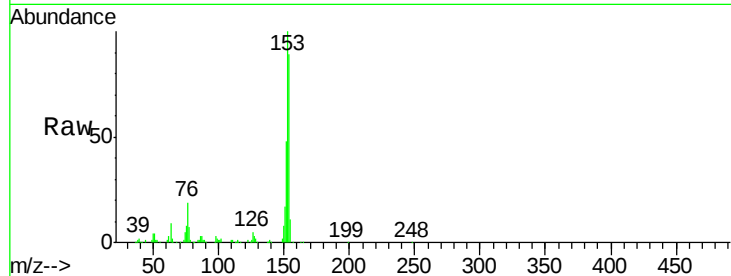
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	129542		
153	111.8	87.5	131.3	
152	53.7	42.7	64.1	

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#52

3-Nitroaniline

Concen: 9.88 ng

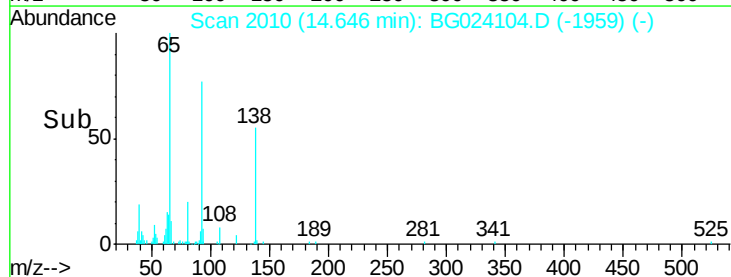
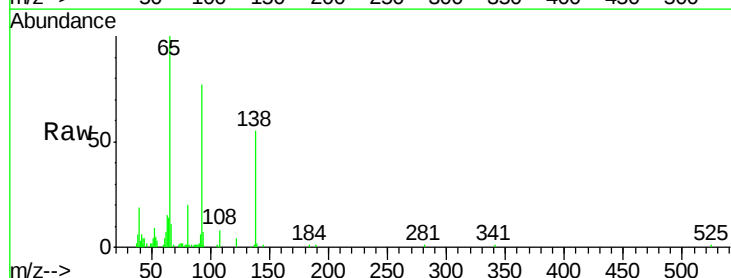
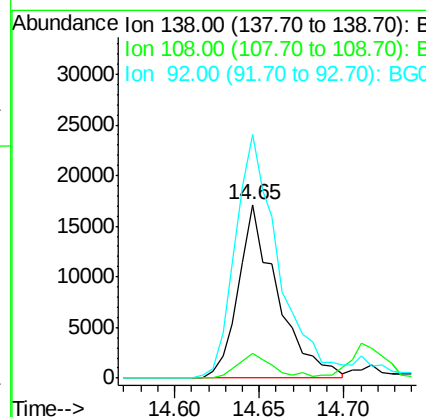
RT: 14.65 min Scan# 2010

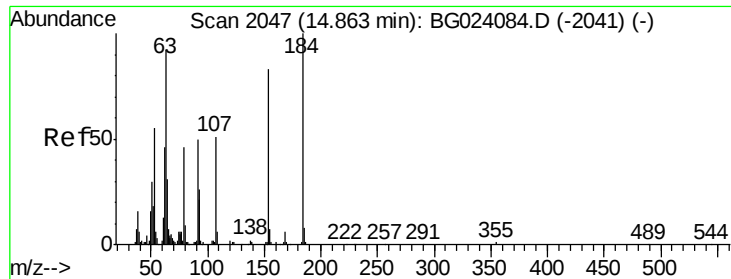
Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	27498		
108	14.4	11.7	17.5	
92	140.6	129.7	194.5	





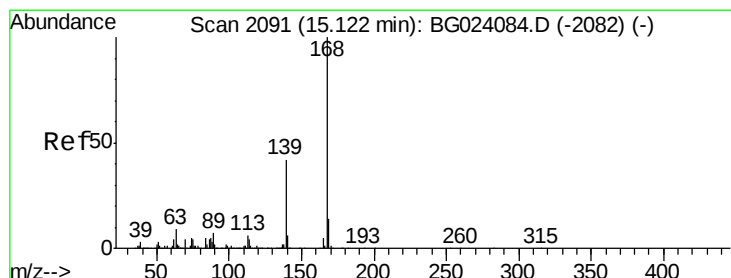
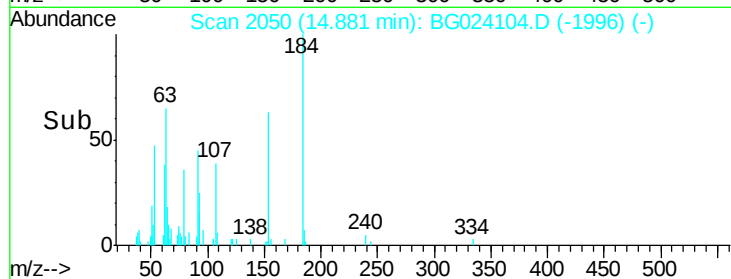
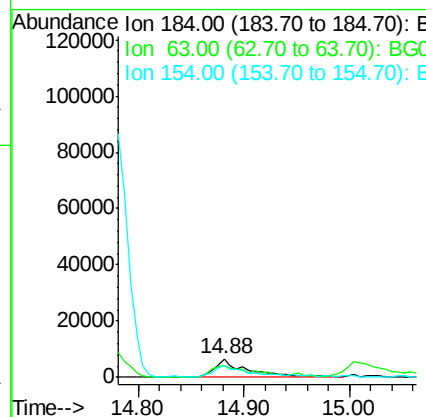
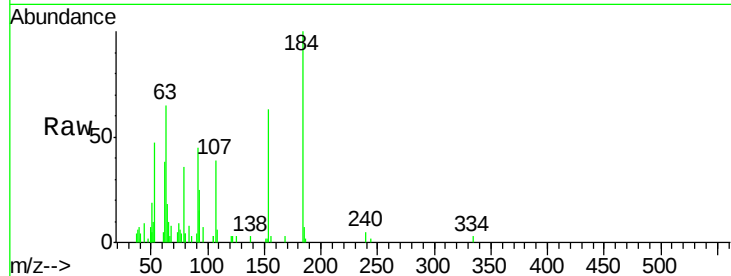
#53
2,4-Dinitrophenol
Concen: 12.02 ng
RT: 14.88 min Scan# 2050
Delta R.T. 0.02 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.4	59.6	89.4
154	63.1	67.4	101.0

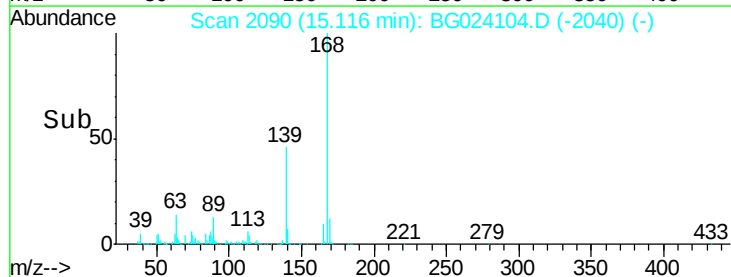
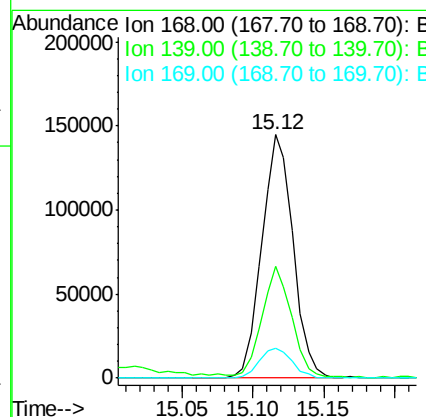
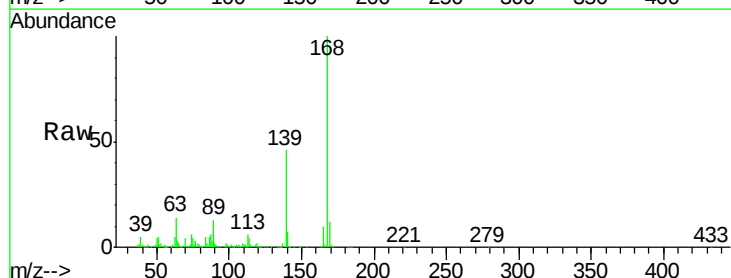
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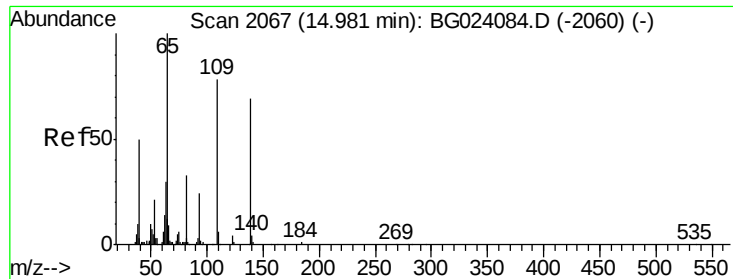
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#54
Dibenzofuran
Concen: 15.91 ng
RT: 15.12 min Scan# 2090
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
168	100		
139	46.0	36.4	54.6
169	12.2	11.9	17.9





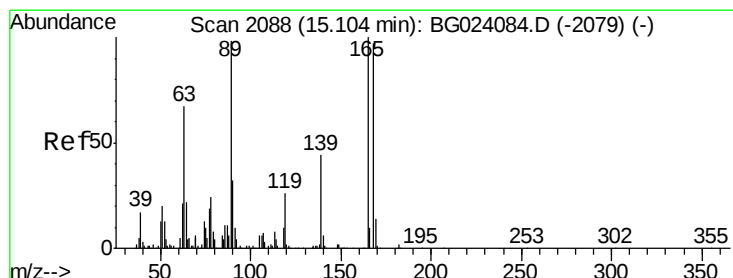
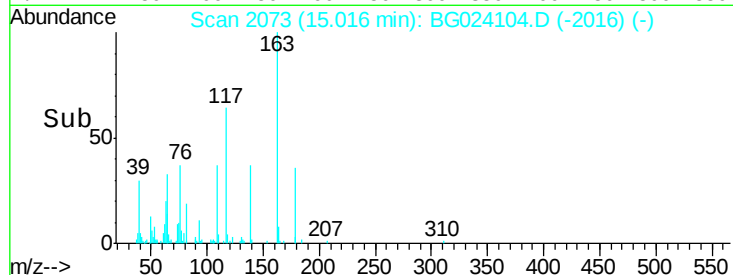
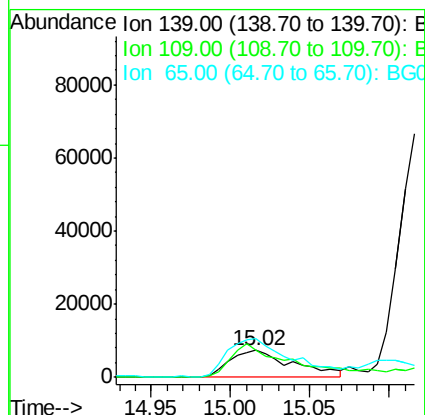
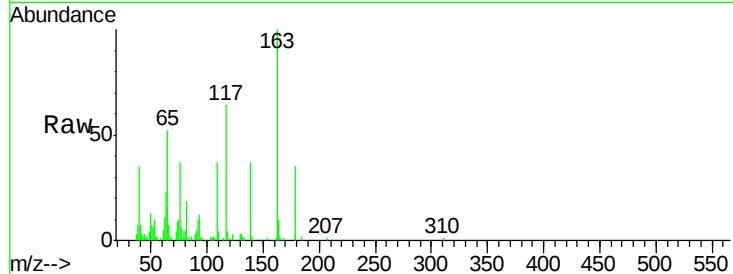
#55
4-Nitrophenol
Concen: 13.99 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.04 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	101.3	103.0	143.0#	
65	142.7	112.7	152.7	

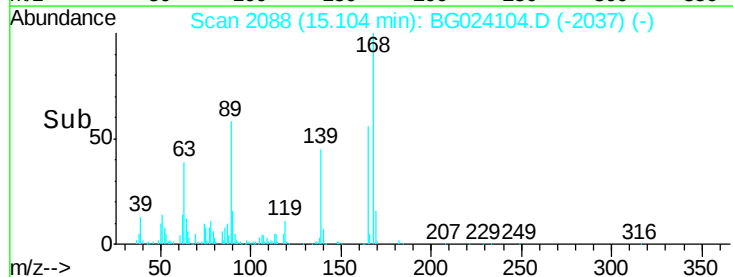
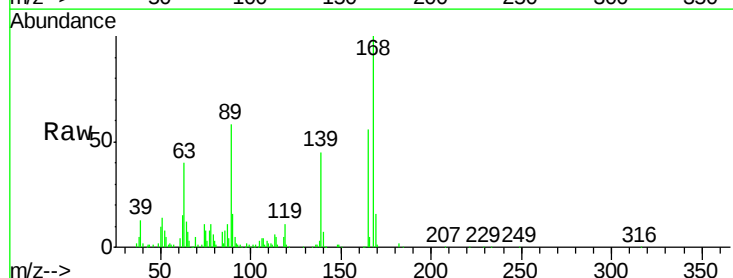
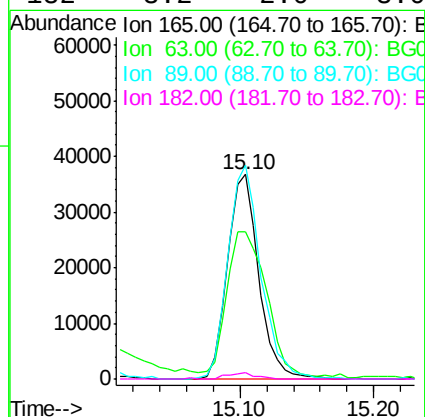
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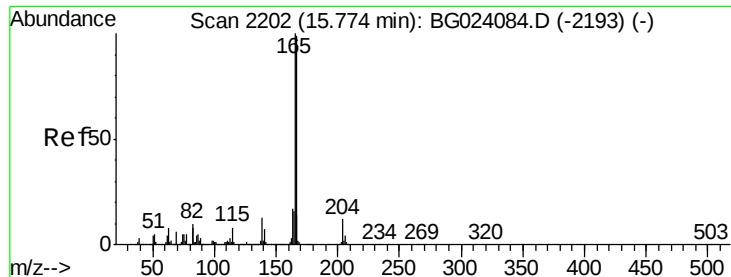
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#56
2,4-Dinitrotoluene
Concen: 14.25 ng
RT: 15.10 min Scan# 2088
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	72.2	45.8	68.6#	
89	104.4	68.6	102.8#	
182	3.2	2.0	3.0#	





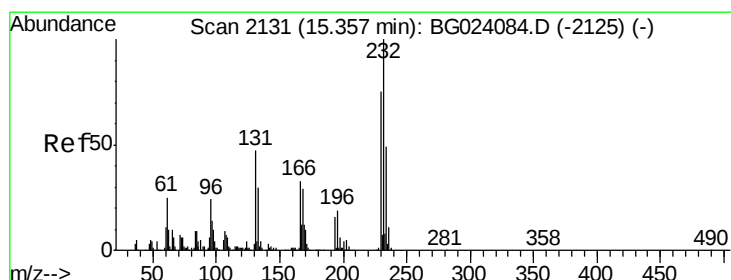
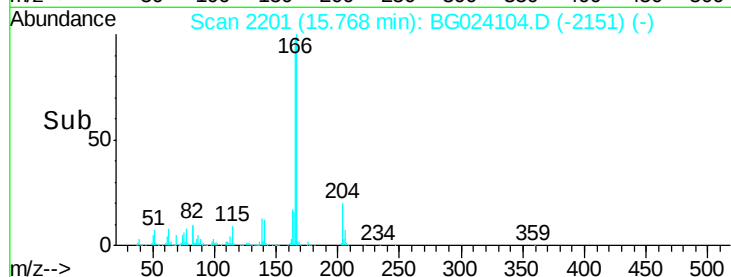
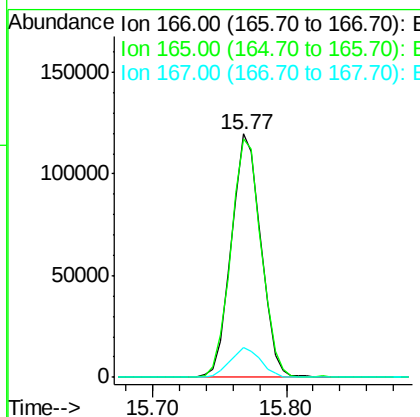
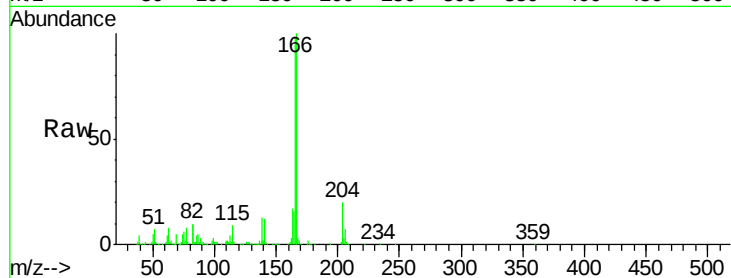
#57
Fluorene
 Concen: 14.93 ng
 RT: 15.77 min Scan# 2201
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	183824		
165	97.8	81.0	121.6	
167	12.0	12.0	18.0	

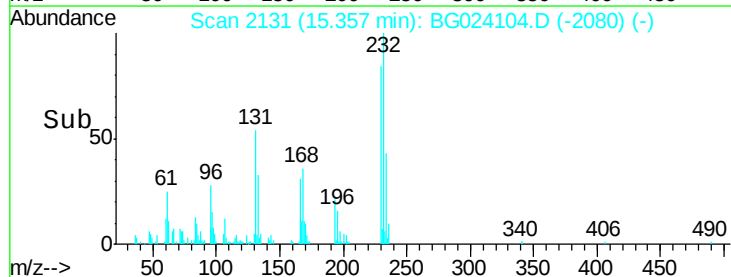
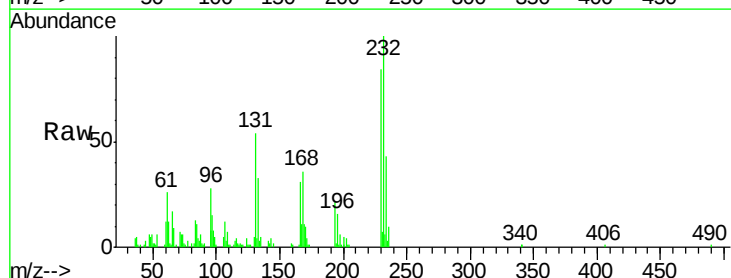
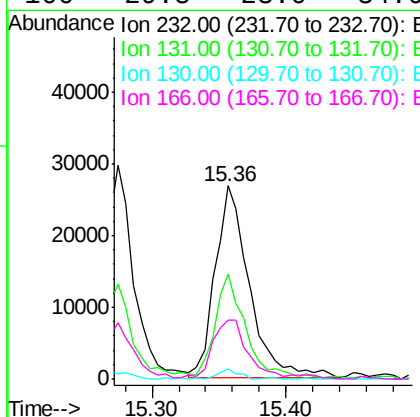
Manual Integrations
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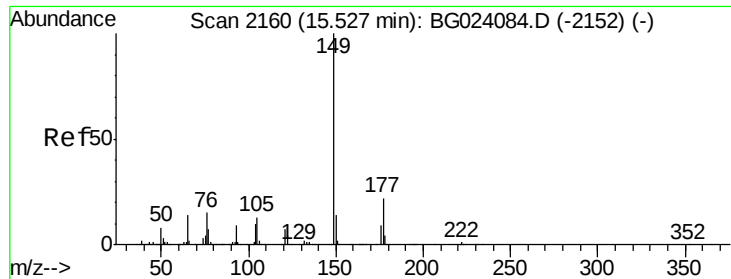
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#58
2,3,4,6-Tetrachlorophenol
 Concen: 14.90 ng
 RT: 15.36 min Scan# 2131
 Delta R.T. 0.00 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	48317		
131	47.3	32.7	49.1	
130	3.0	2.6	3.8	
166	29.8	23.0	34.6	





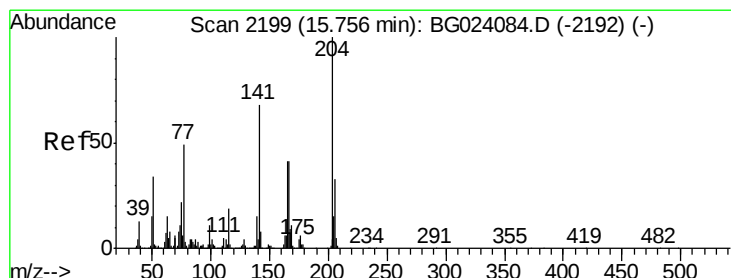
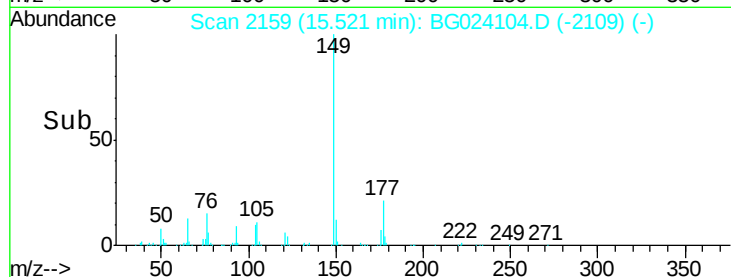
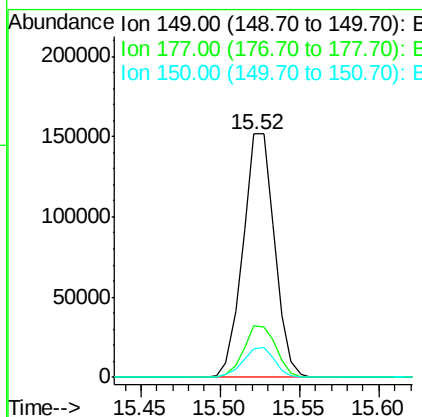
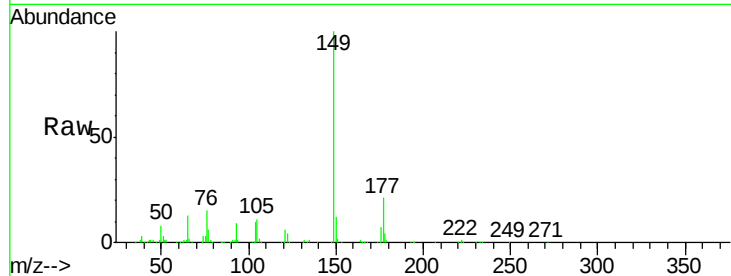
#59
Diethylphthalate
Concen: 14.65 ng
RT: 15.52 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
177	21.3	19.2	28.8
150	11.9	10.6	16.0

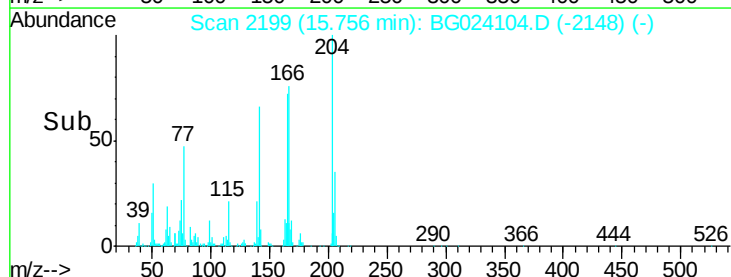
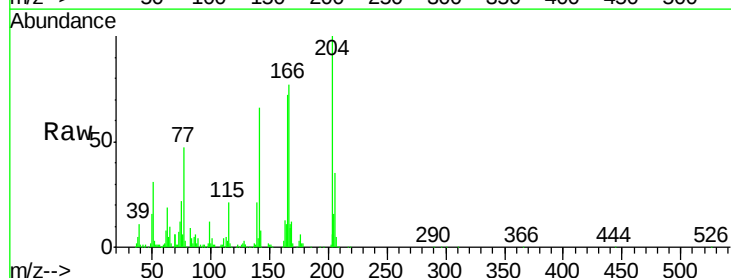
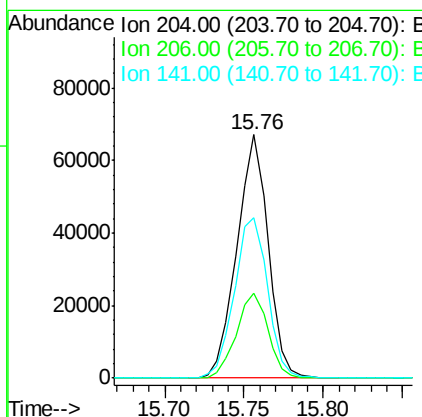
Manual Integrations
APPROVED

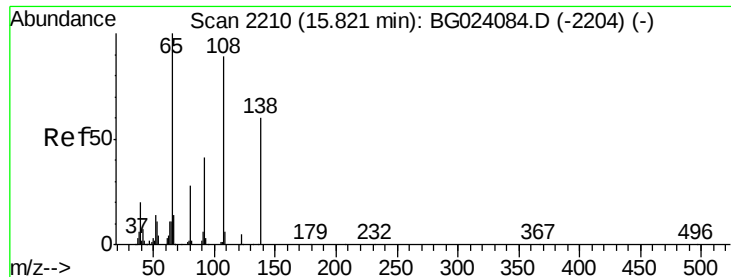
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#60
4-Chlorophenyl-phenylether
Concen: 13.89 ng
RT: 15.76 min Scan# 2199
Delta R.T. 0.00 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
204	100		
206	35.0	28.5	42.7
141	65.7	51.4	77.0





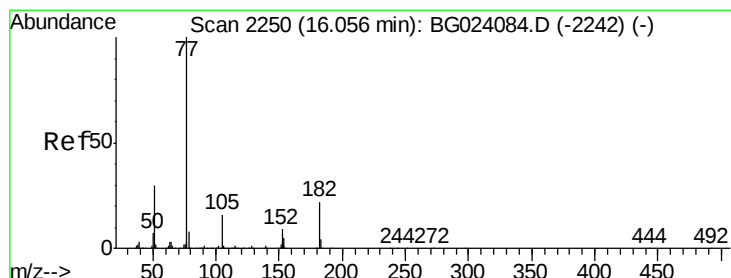
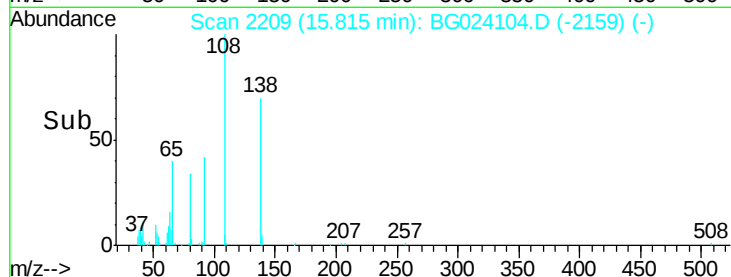
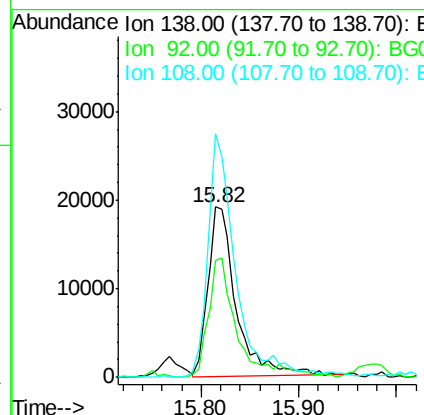
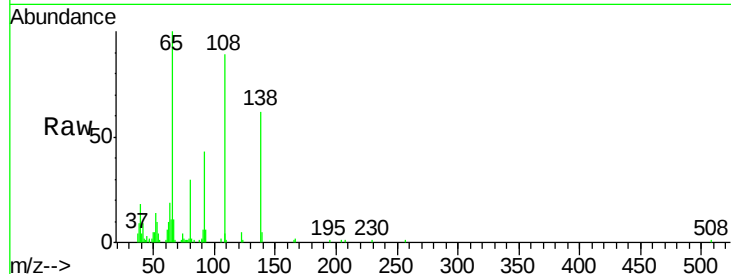
#61
4-Nitroaniline
Concen: 13.20 ng
RT: 15.82 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	38043		
92	69.0	54.1	94.1	
108	143.0	133.9	173.9	

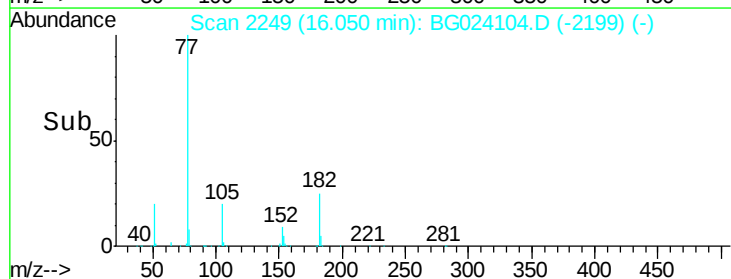
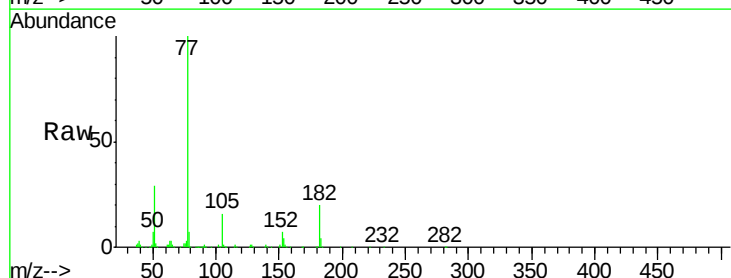
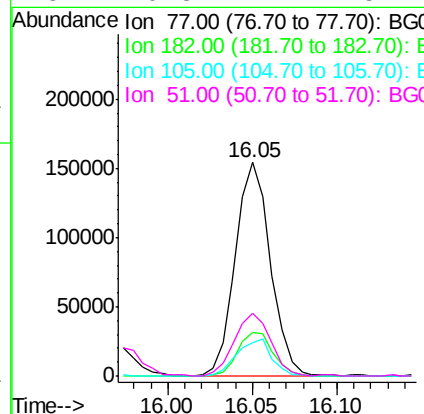
Manual Integrations
APPROVED

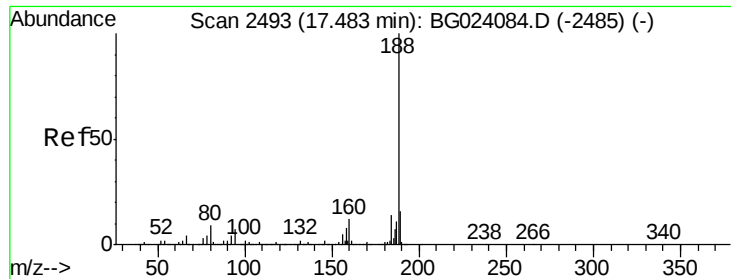
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#62
Azobenzene
Concen: 15.29 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	221894		
182	20.3	3.5	43.5	
105	15.8	0.0	38.5	
51	29.3	17.1	57.1	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.48 min Scan# 2492

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

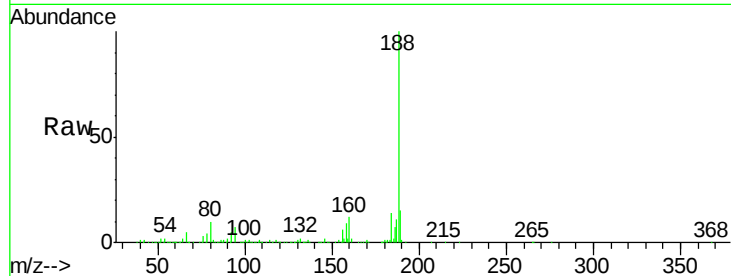
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	188	Resp:	414351
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.2	7.8
80	10.1	7.2	10.8

Manual Integrations
APPROVED

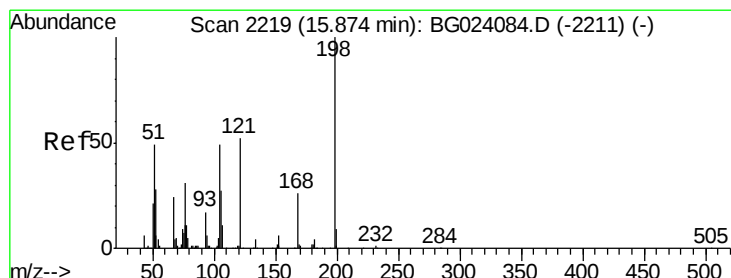
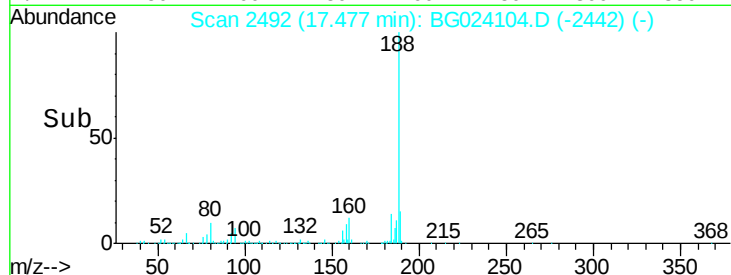
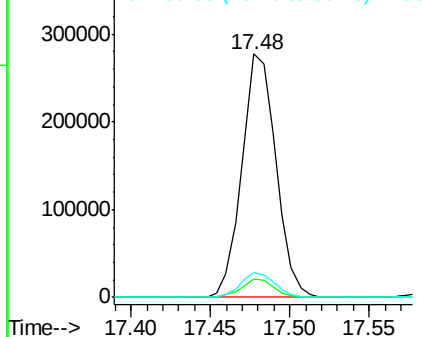
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#64

4,6-Dinitro-2-methylphenol

Concen: 10.97 ng

RT: 15.88 min Scan# 2220

Delta R.T. 0.01 min

Lab File: BG024104.D

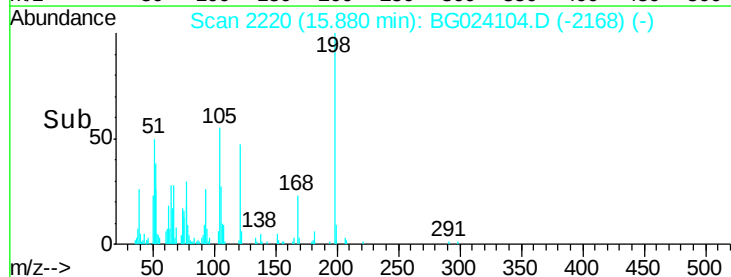
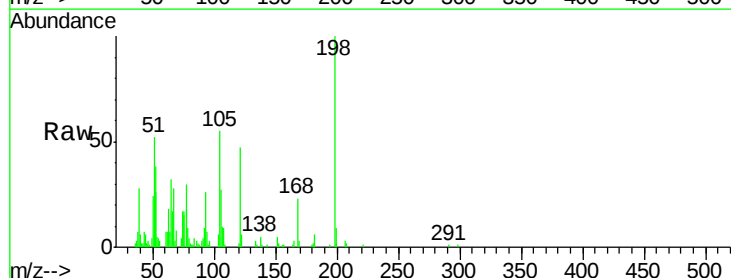
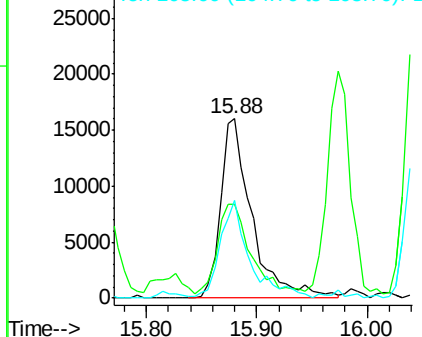
Acq: 24 Sep 2016 1:48

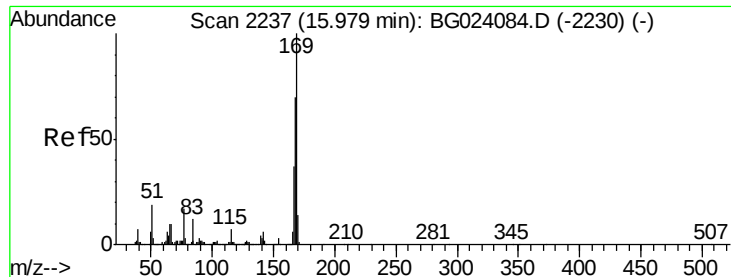
Tgt Ion:	198	Resp:	31573
Ion Ratio	Lower	Upper	
198	100		
51	52.5	26.0	66.0
105	54.6	20.1	60.1

Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 15.20 ng

RT: 15.97 min Scan# 2236

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

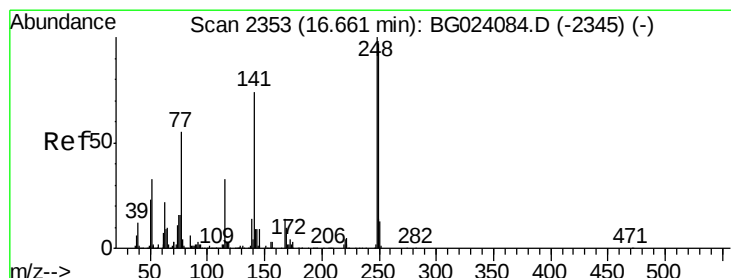
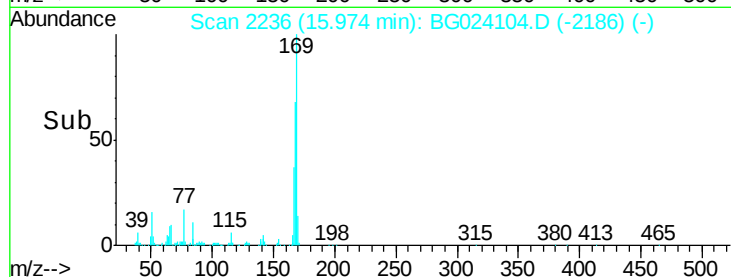
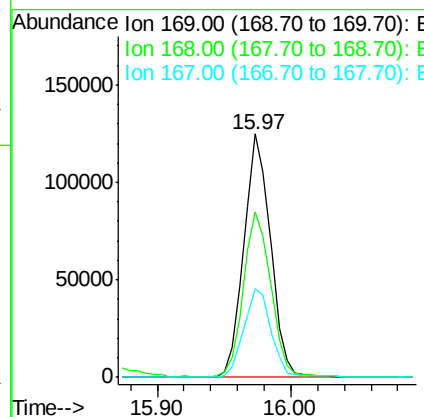
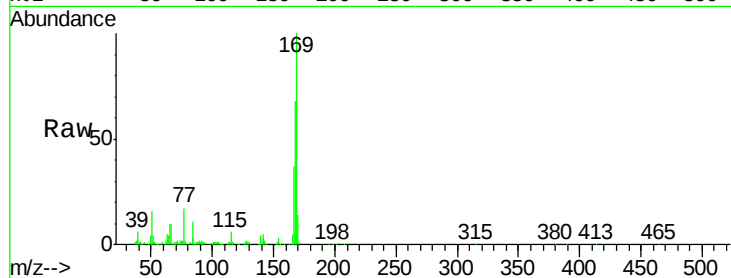
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	169	Resp:	172242
Ion Ratio	Lower	Upper	
169	100		
168	68.1	55.0	82.4
167	36.5	27.4	41.0

Manual Integrations
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#66

4-Bromophenyl-phenylether

Concen: 14.15 ng

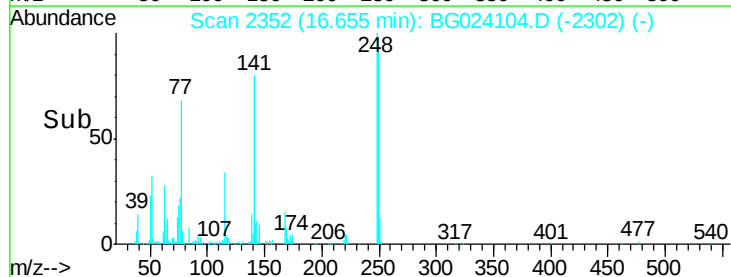
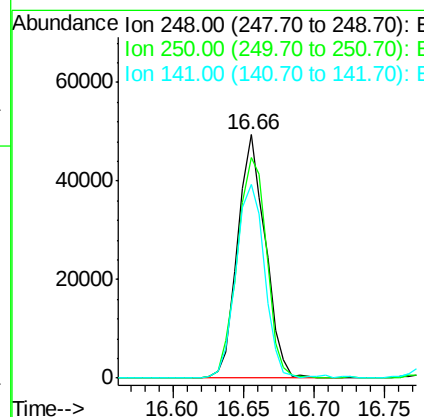
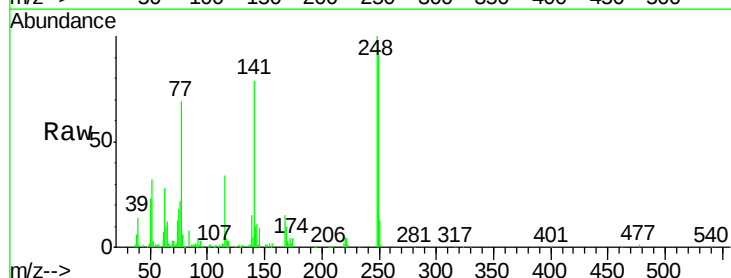
RT: 16.66 min Scan# 2352

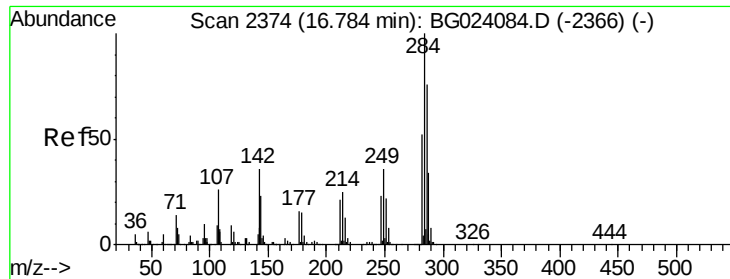
Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	248	Resp:	68005
Ion Ratio	Lower	Upper	
248	100		
250	90.7	77.8	116.8
141	79.3	65.7	98.5





#67

Hexachlorobenzene

Concen: 13.18 ng

RT: 16.78 min Scan# 2373

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

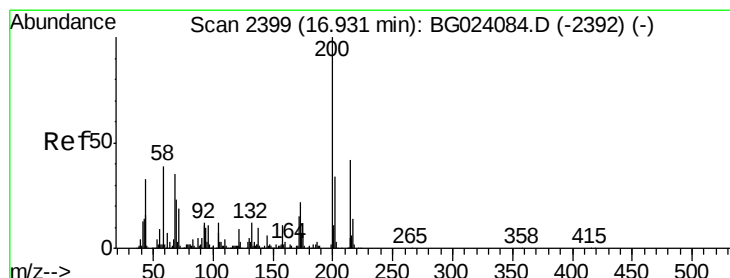
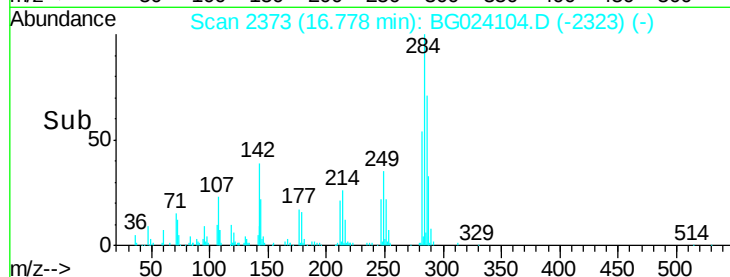
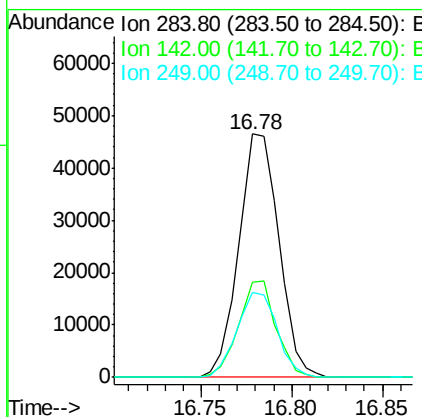
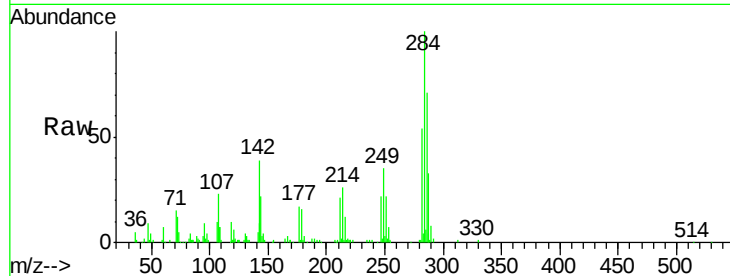
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion:	284	Resp:	71389
Ion Ratio	Lower	Upper	
284	100		
142	39.1	26.8	40.2
249	34.7	28.9	43.3

Manual Integrations
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#68

Atrazine

Concen: 14.95 ng

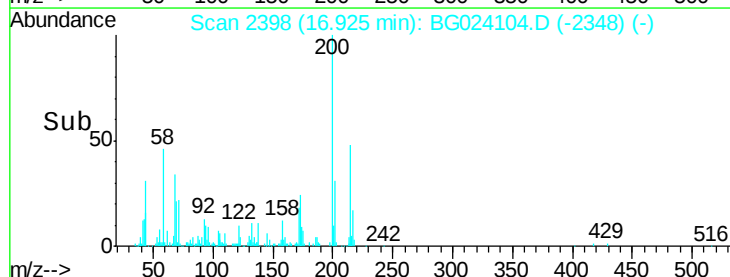
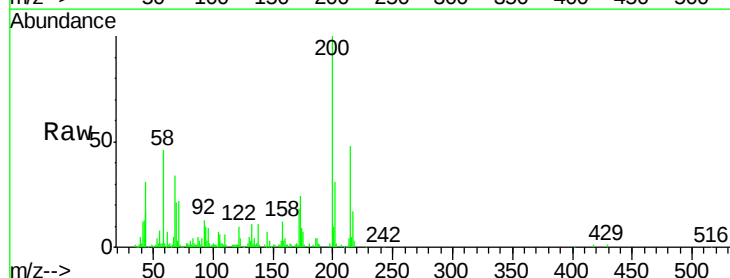
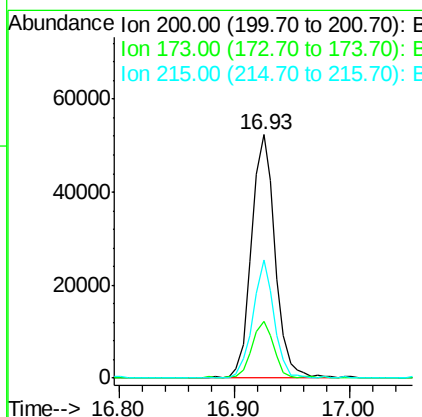
RT: 16.93 min Scan# 2398

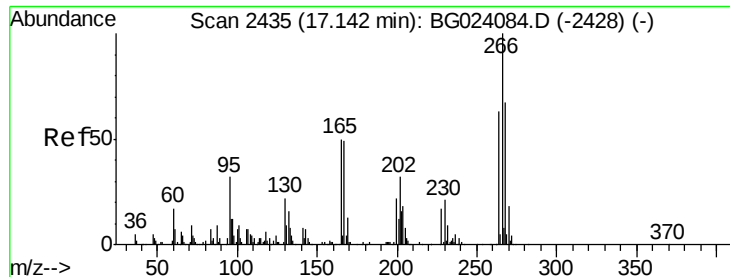
Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	200	Resp:	74823
Ion Ratio	Lower	Upper	
200	100		
173	23.5	1.6	41.6
215	48.4	28.7	68.7





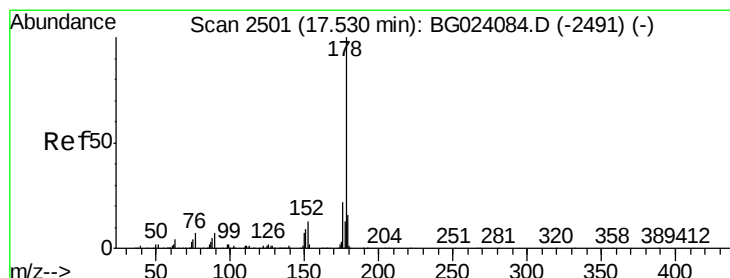
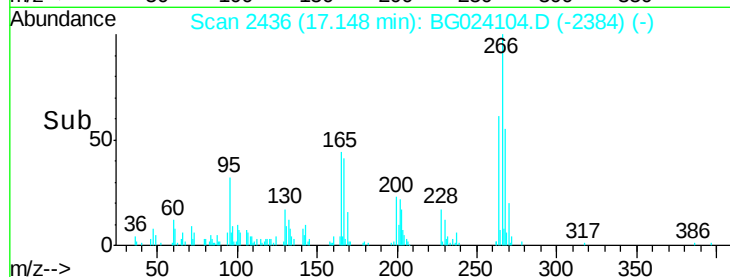
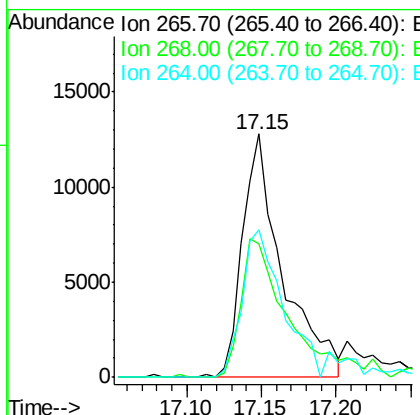
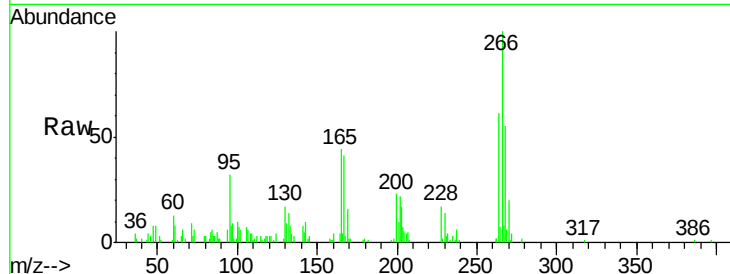
#69
 Pentachlorophenol
 Concen: 11.65 ng
 RT: 17.15 min Scan# 2436
 Delta R.T. 0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	23759		
268	54.8		51.9	77.9
264	60.8		50.6	75.8

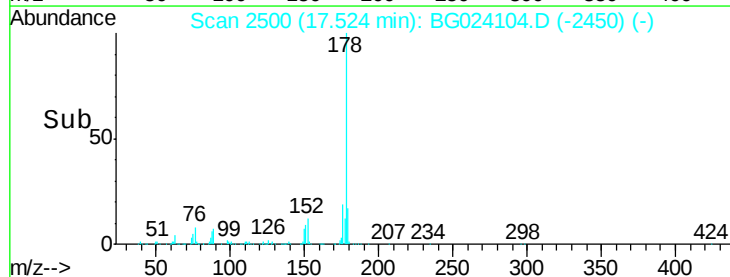
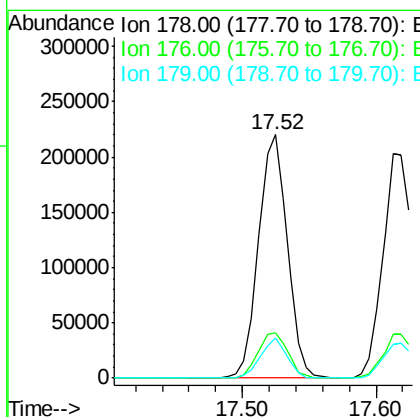
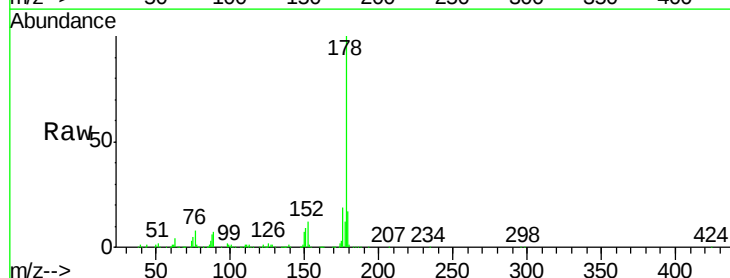
Manual Integrations
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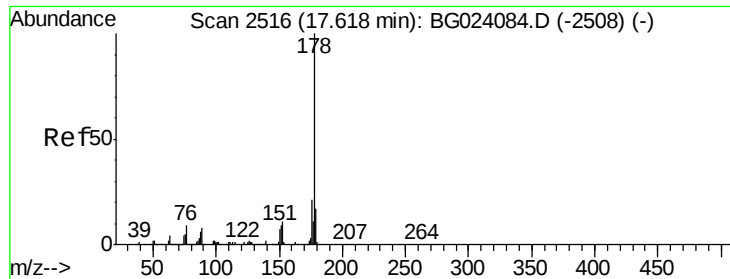
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#70
 Phenanthrene
 Concen: 15.47 ng
 RT: 17.52 min Scan# 2500
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	326473		
176	18.7		16.8	25.2
179	16.6		14.3	21.5





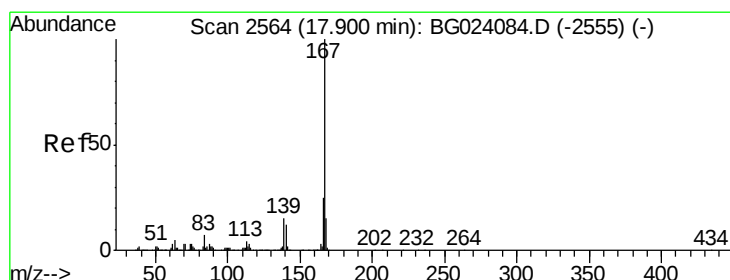
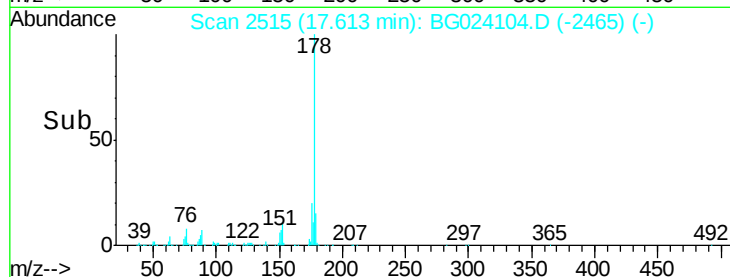
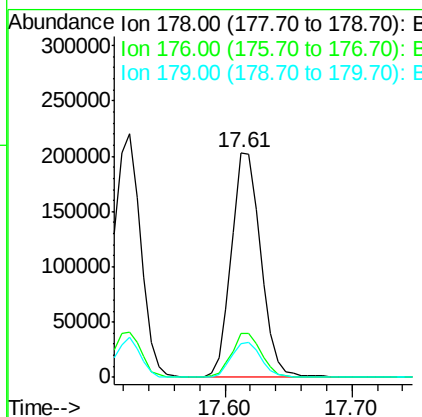
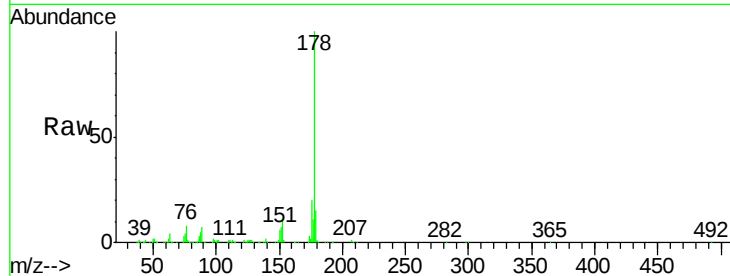
#71
 Anthracene
 Concen: 14.95 ng
 RT: 17.61 min Scan# 2515
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	17.3	25.9
179	15.1	14.0	21.0

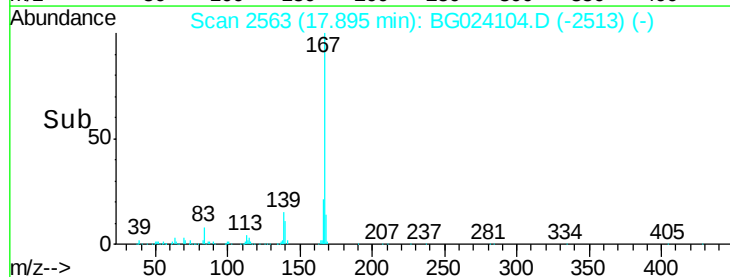
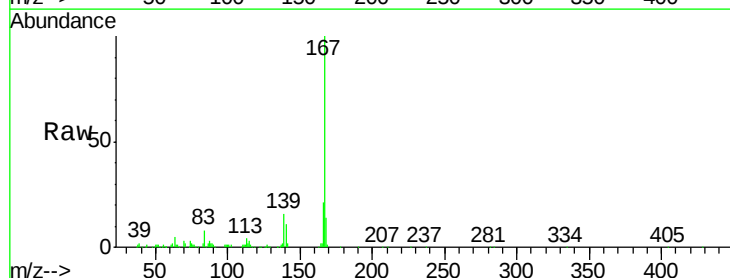
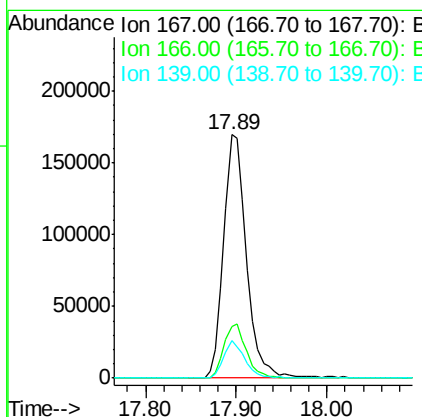
Manual Integrations
 APPROVED

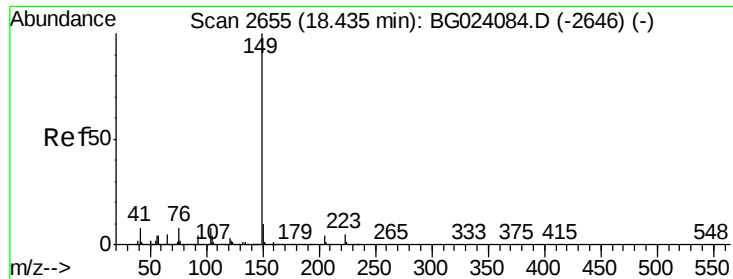
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#72
 Carbazole
 Concen: 14.68 ng
 RT: 17.89 min Scan# 2563
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.3	20.7	31.1
139	15.5	11.9	17.9





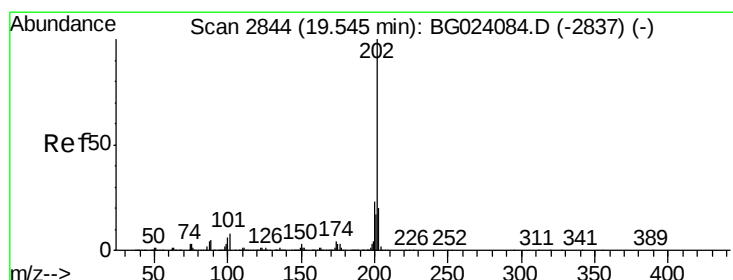
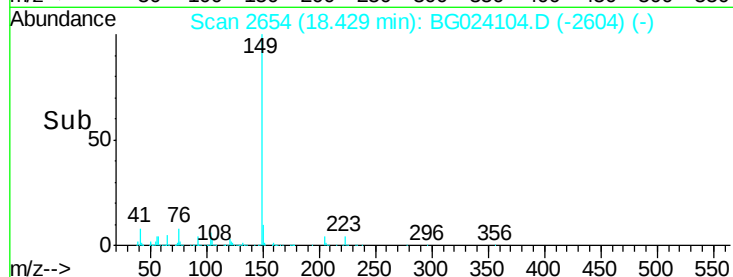
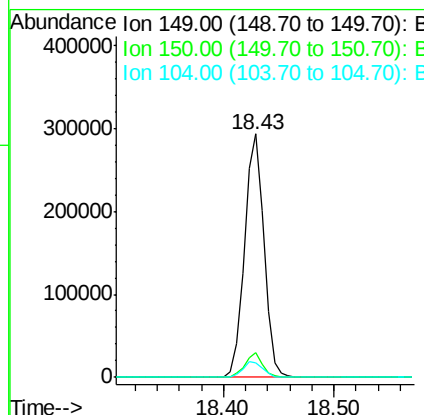
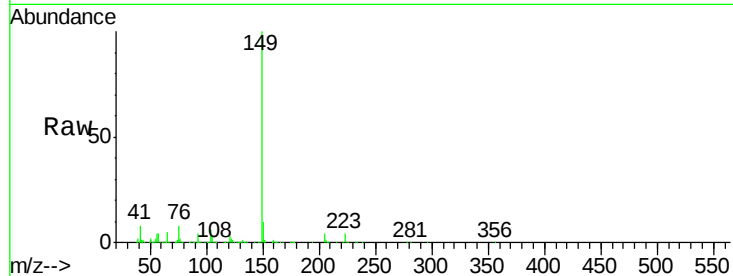
#73
Di-n-butylphthalate
Concen: 13.70 ng
RT: 18.43 min Scan# 2654
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
150	10.4	9.1	13.7
104	6.2	6.9	10.3

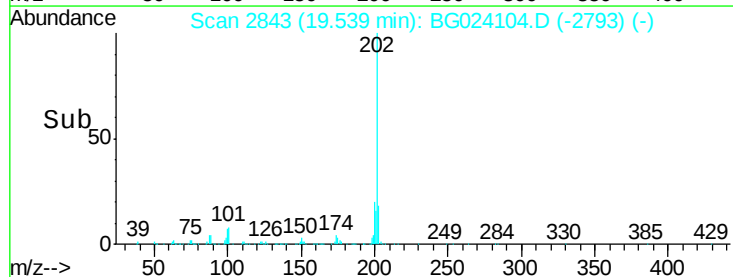
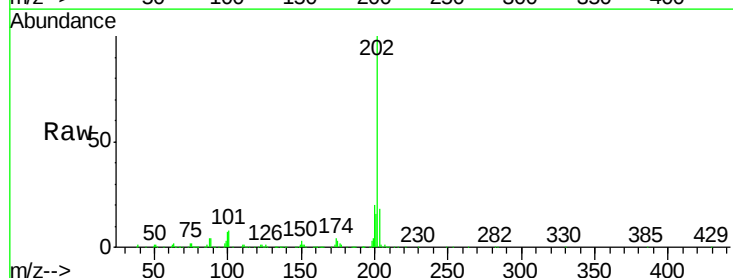
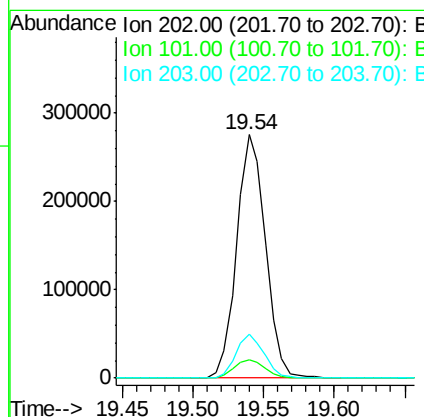
Manual Integrations
APPROVED

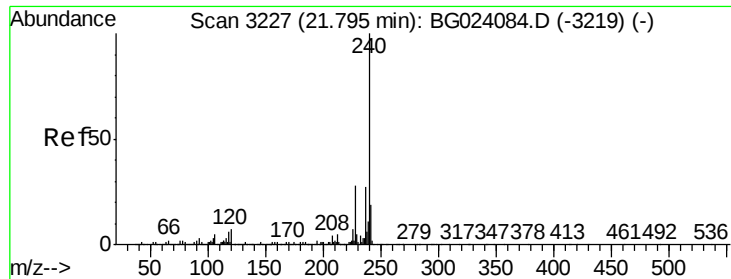
umangi
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#74
Fluoranthene
Concen: 14.23 ng
RT: 19.54 min Scan# 2843
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.7	0.0	27.4
203	18.1	1.7	41.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.79 min Scan# 3226

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

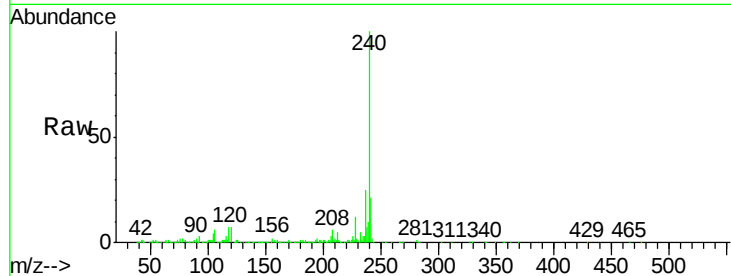
ClientSampleId :

LOQ-WATER2016-06-QT4

Tgt Ion	Ratio	Lower	Upper
240	100		
120	7.3	4.1	6.1#
236	25.0	21.1	31.7

Manual Integrations
APPROVED

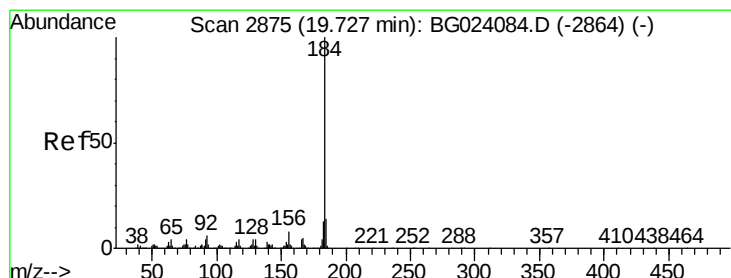
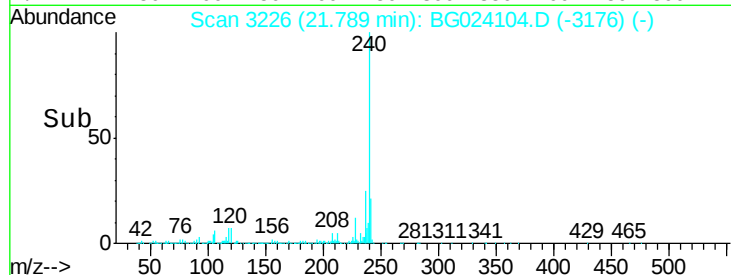
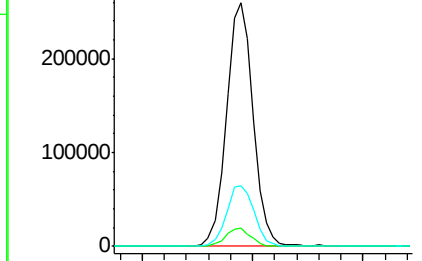
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.76 ng

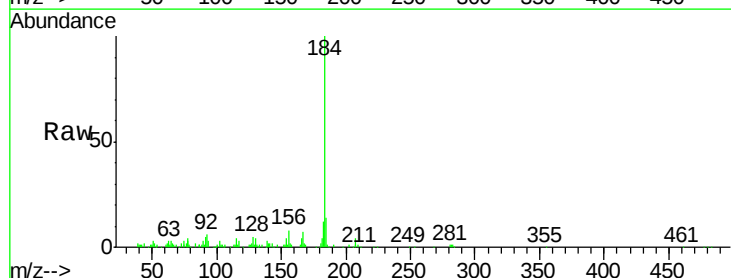
RT: 19.73 min Scan# 2875

Delta R.T. 0.00 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

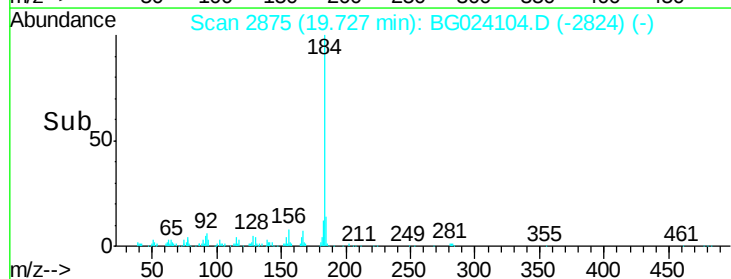
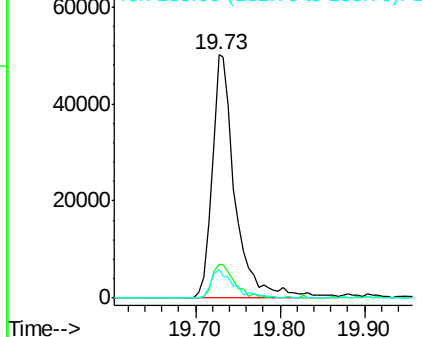
Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	19.0
183	11.9	10.7	16.1

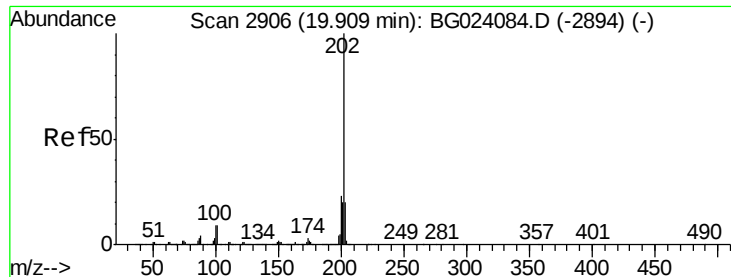


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





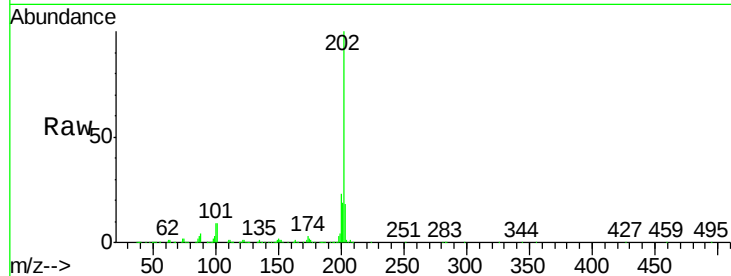
#77
 Pyrene
 Concen: 13.10 ng
 RT: 19.90 min Scan# 2905
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

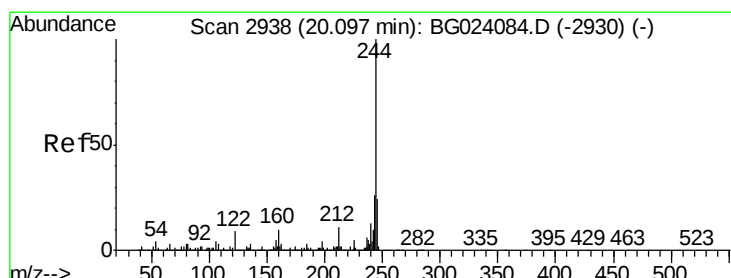
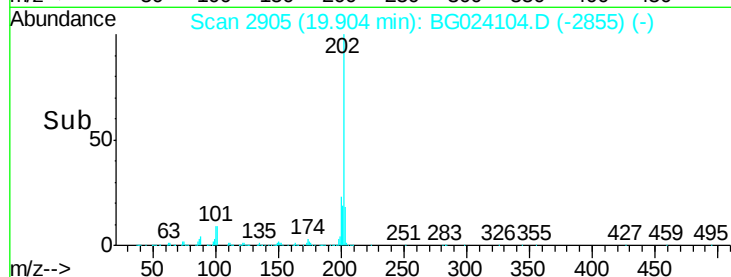
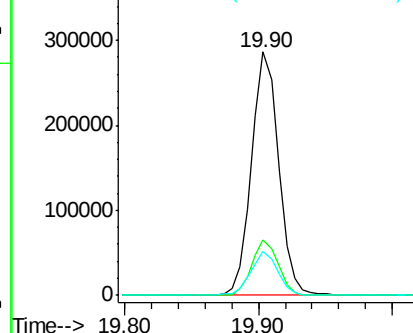
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	22.7	21.2	31.8
203	17.8	16.8	25.2

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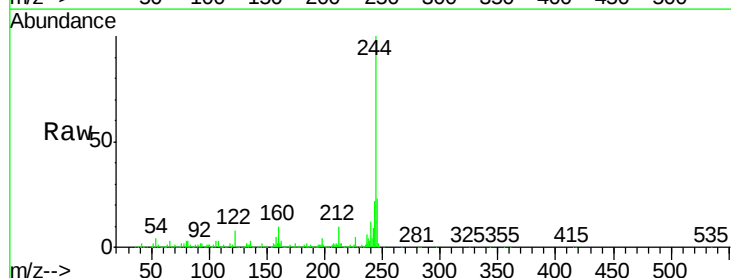


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

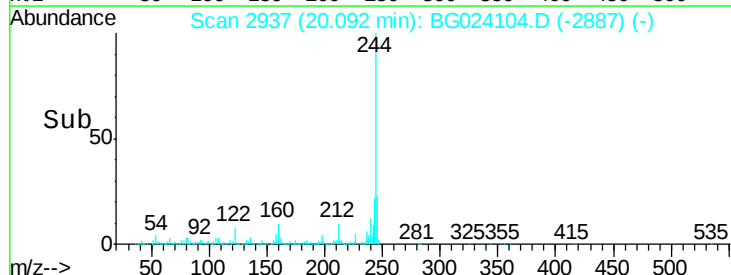
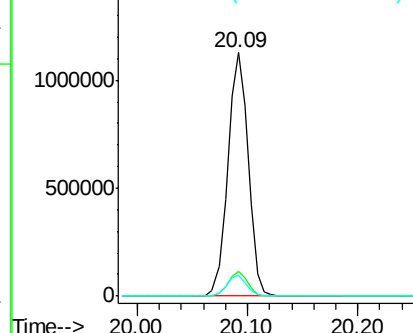


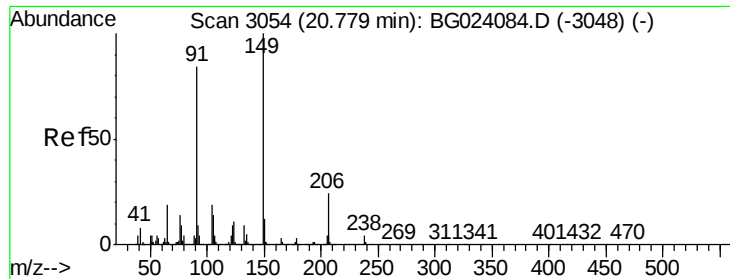
#78
 Terphenyl-d14
 Concen: 68.02 ng
 RT: 20.09 min Scan# 2937
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	10.2	10.8	16.2#
122	8.3	8.0	12.0



Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 13.64 ng

RT: 20.77 min Scan# 3053

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

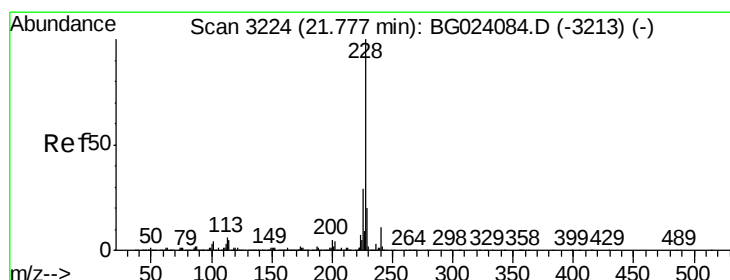
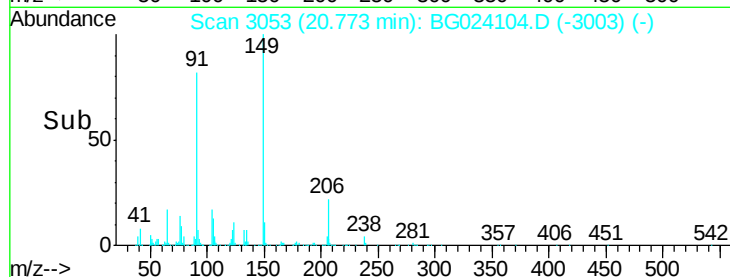
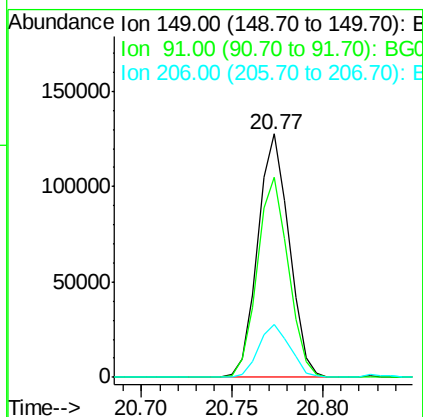
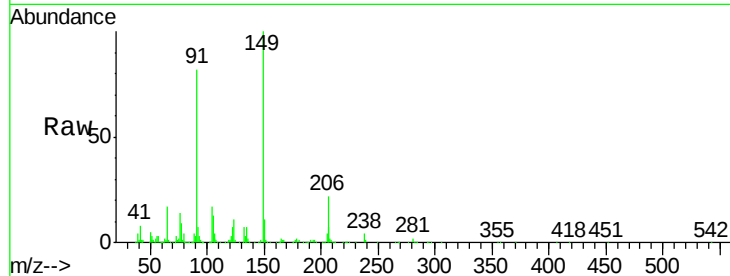
ClientSampleId :

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Tgt Ion:	149	Resp:	153340
Ion Ratio	Lower	Upper	
149	100		
91	82.3	68.1	102.1
206	21.7	19.8	29.6

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#80

Benzo(a)anthracene

Concen: 14.77 ng

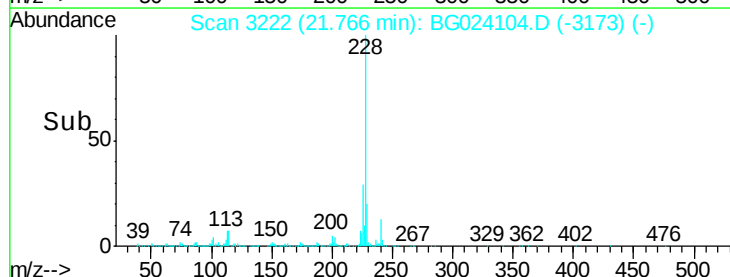
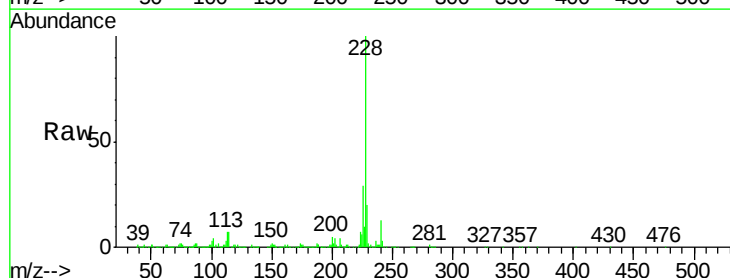
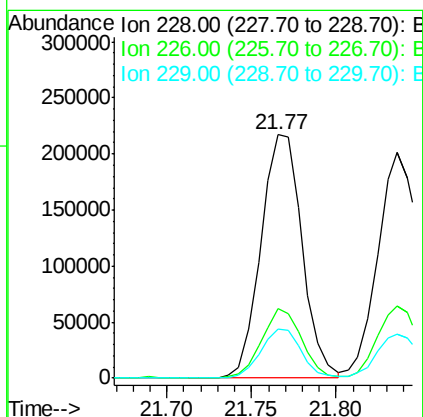
RT: 21.77 min Scan# 3222

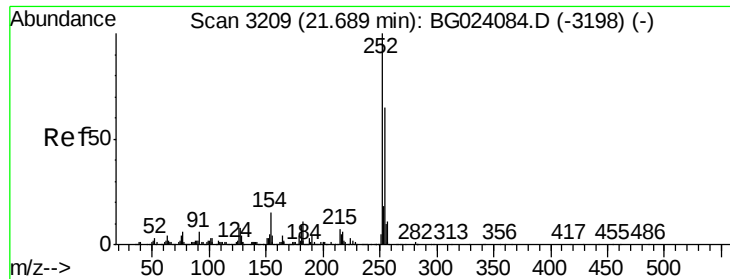
Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	228	Resp:	367692
Ion Ratio	Lower	Upper	
228	100		
226	28.6	25.3	37.9
229	20.0	19.9	29.9





#81

3,3'-Dichlorobenzidine

Concen: 8.06 ng

RT: 21.68 min Scan# 3208

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Instrument :

BNA_G

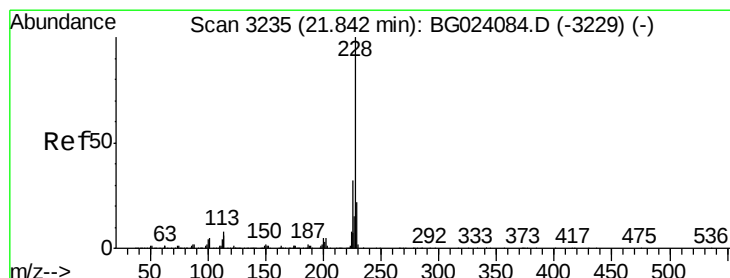
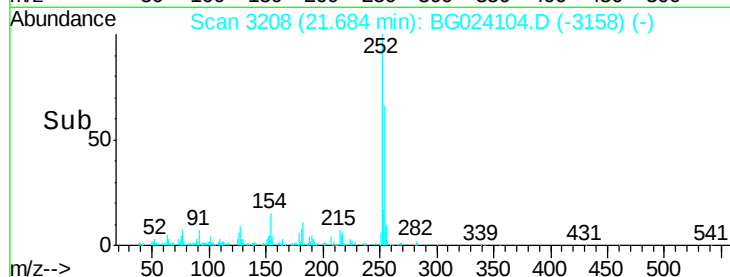
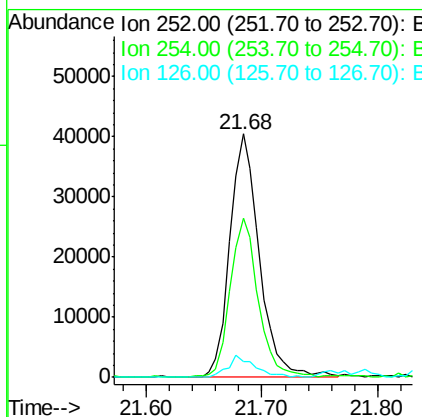
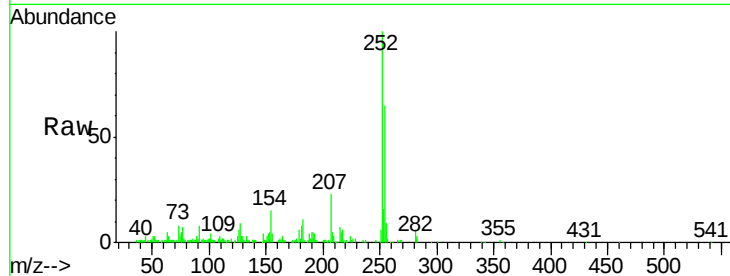
ClientSampleId :

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Tgt Ion:	252	Resp:	71880
Ion Ratio	Lower	Upper	
252	100		
254	65.3	51.2	76.8
126	6.3	5.3	7.9

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#82

Chrysene

Concen: 14.99 ng

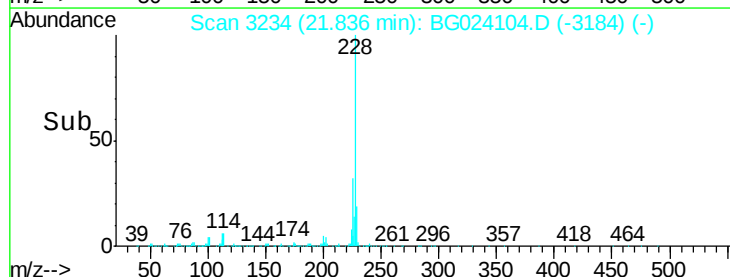
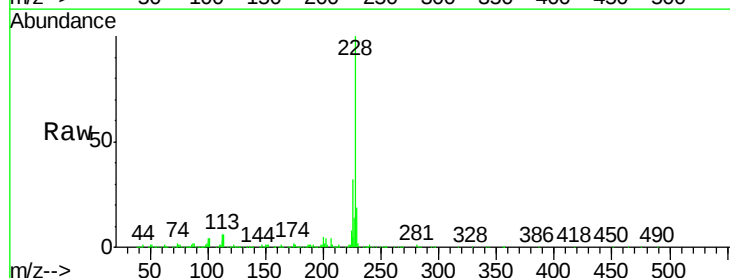
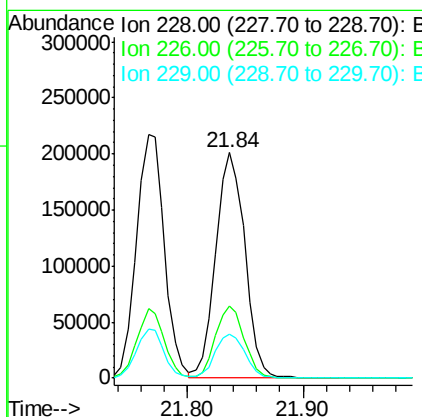
RT: 21.84 min Scan# 3234

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion:	228	Resp:	350650
Ion Ratio	Lower	Upper	
228	100		
226	31.9	26.7	40.1
229	19.4	17.4	26.2





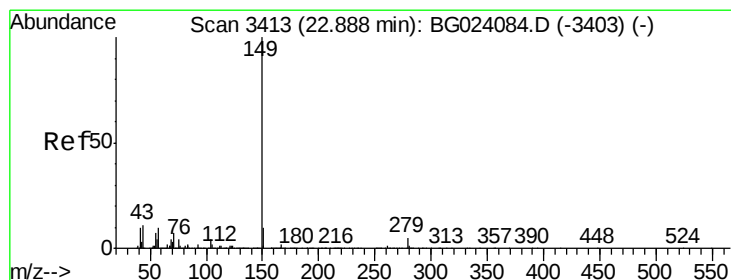
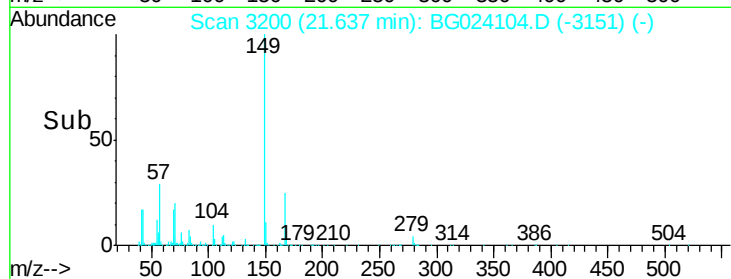
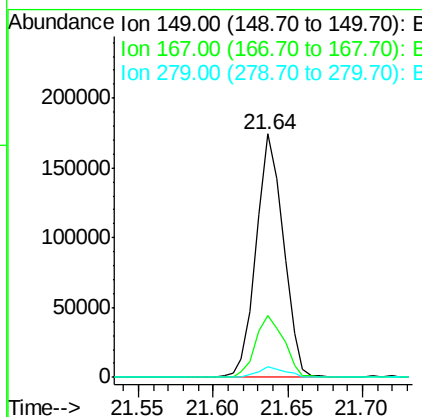
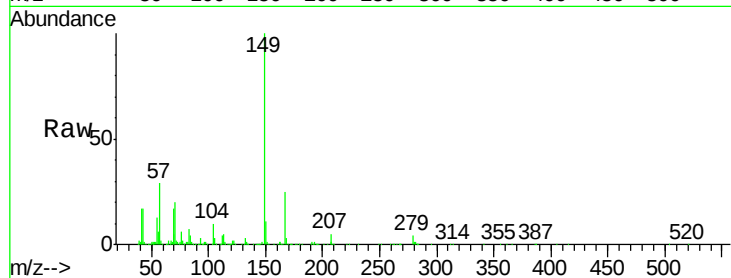
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 16.35 ng
 RT: 21.64 min Scan# 3200
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	25.3	24.0	36.0
279	4.4	4.8	7.2

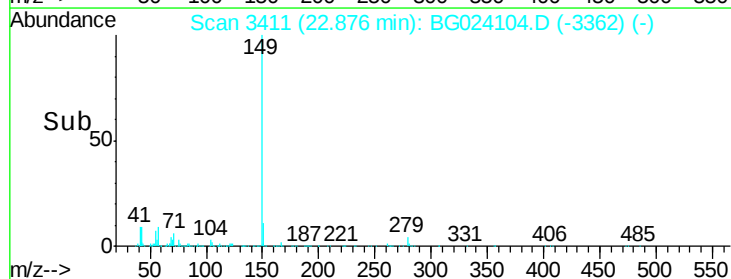
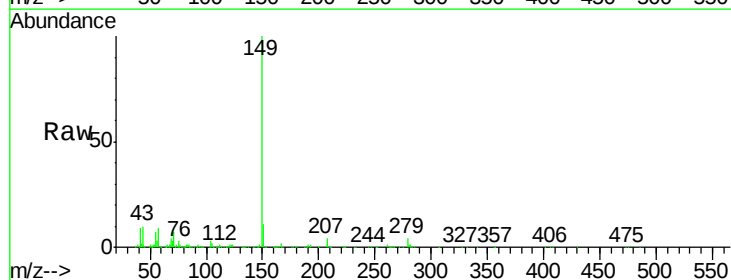
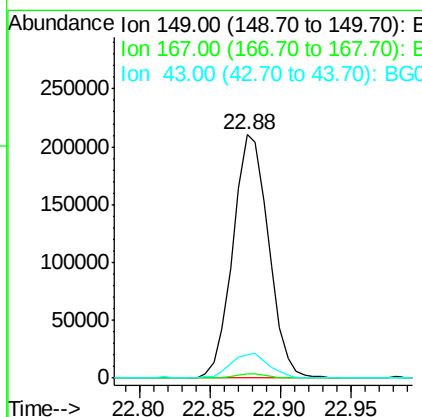
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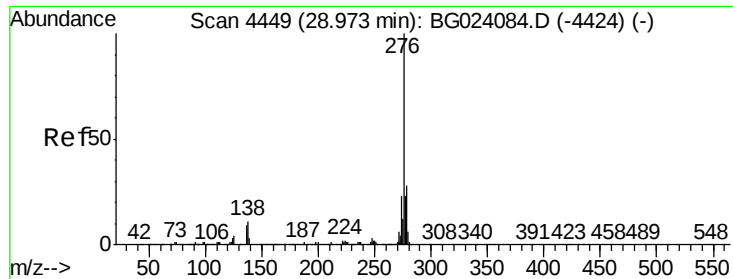
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#84
 Di-n-octyl phthalate
 Concen: 16.07 ng
 RT: 22.88 min Scan# 3411
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	1.6	1.5	2.3
43	10.6	8.8	13.2





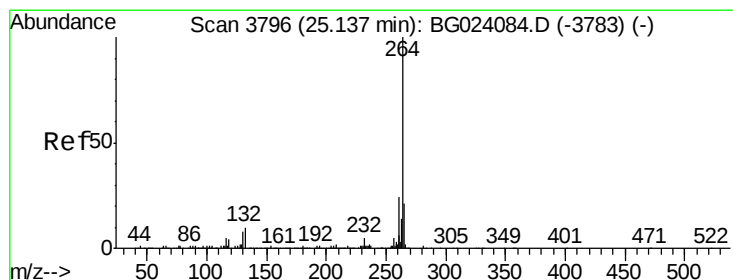
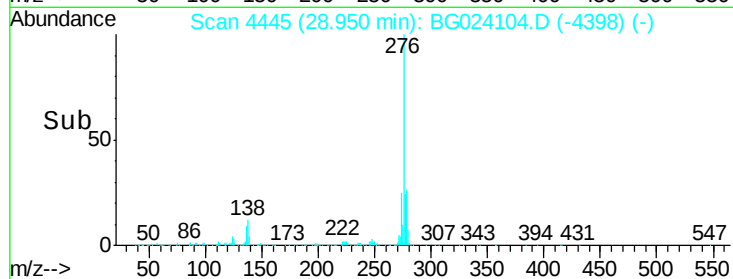
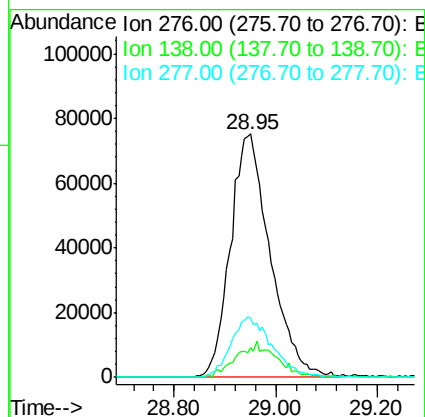
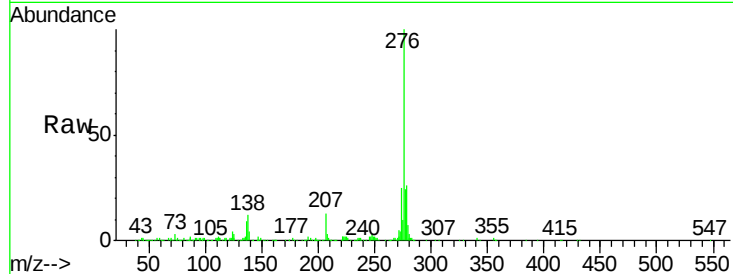
#85
Indeno(1,2,3-cd)pyrene
Concen: 15.67 ng
RT: 28.95 min Scan# 4445
Delta R.T. -0.02 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	9.1	0.0	0.0#
277	25.5	0.0	0.0#

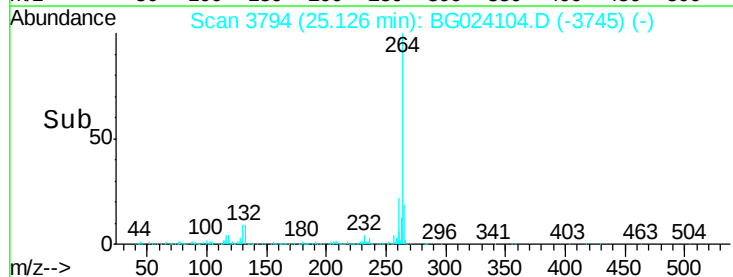
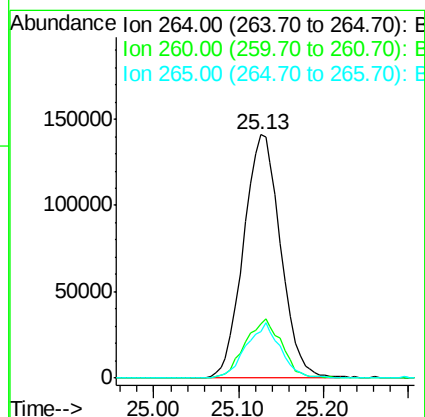
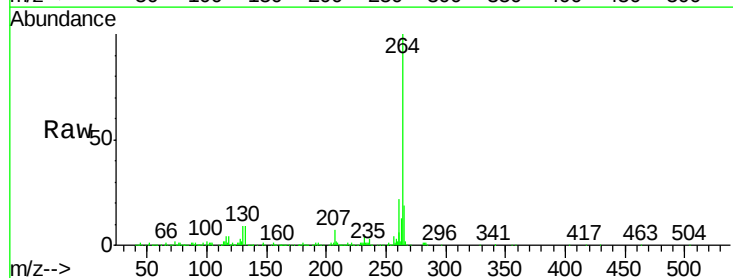
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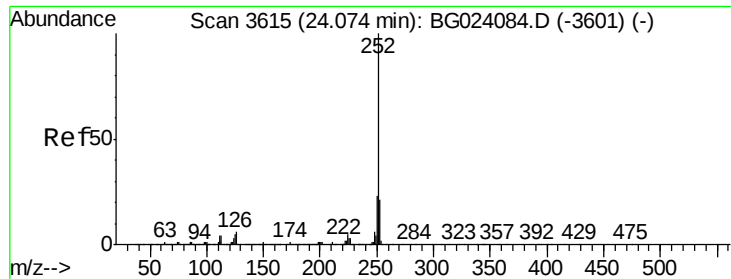
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#86
Perylene-d12
Concen: 20.00 ng
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	22.1	18.4	27.6
265	19.3	18.9	28.3





#87

Benzo(b)fluoranthene

Concen: 14.63 ng

RT: 24.06 min Scan# 3613

Delta R.T. -0.01 min

Lab File: BG024104.D

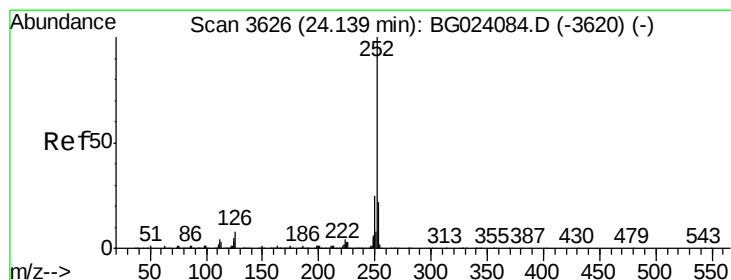
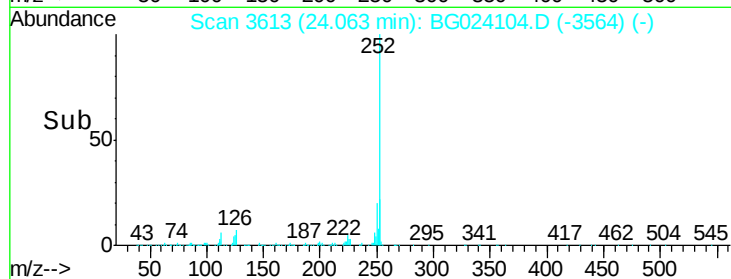
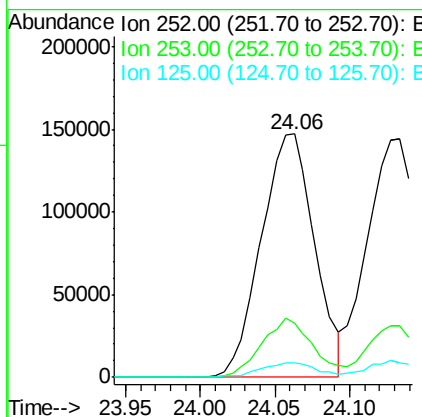
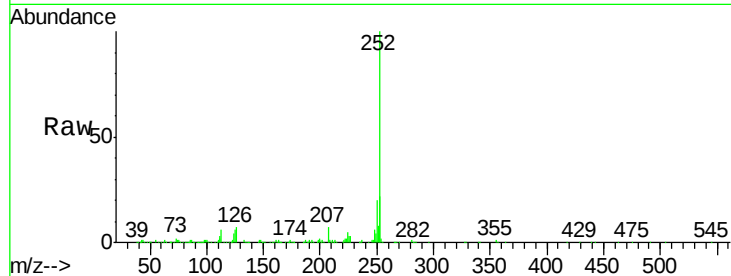
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	5.7	3.9	5.9

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#88

Benzo(k)fluoranthene

Concen: 14.53 ng

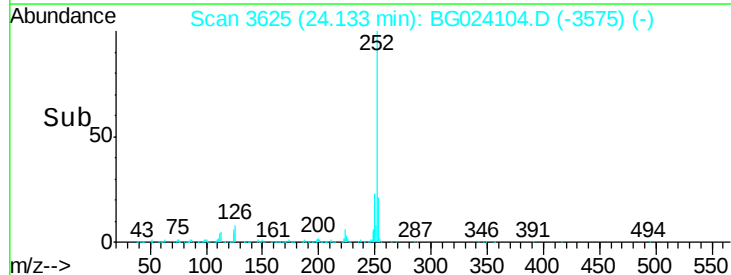
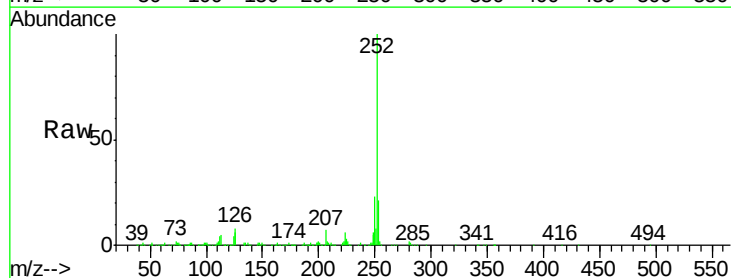
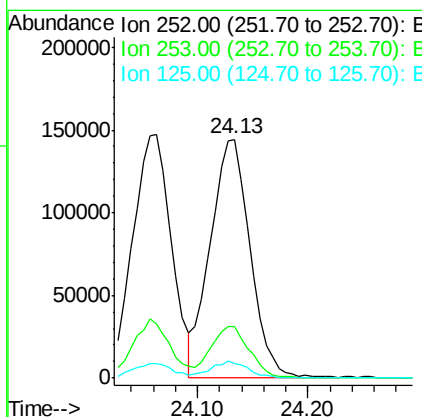
RT: 24.13 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BG024104.D

Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.8	28.2
125	5.8	3.2	4.8#





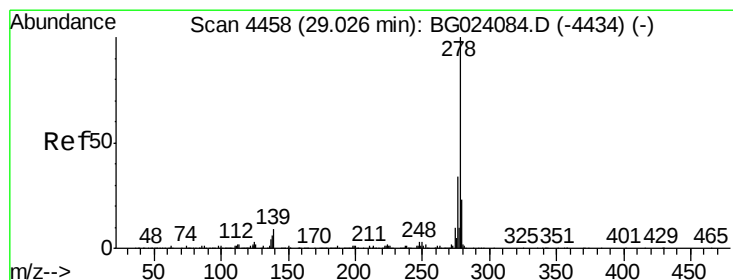
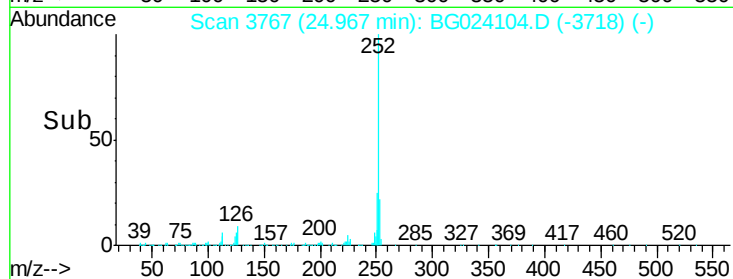
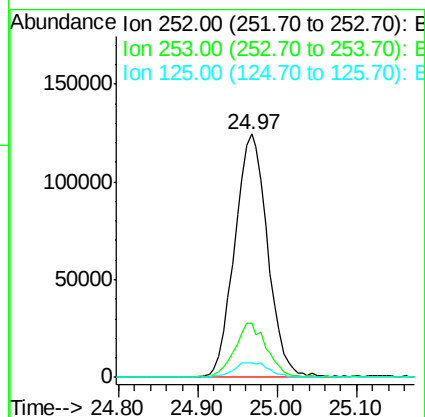
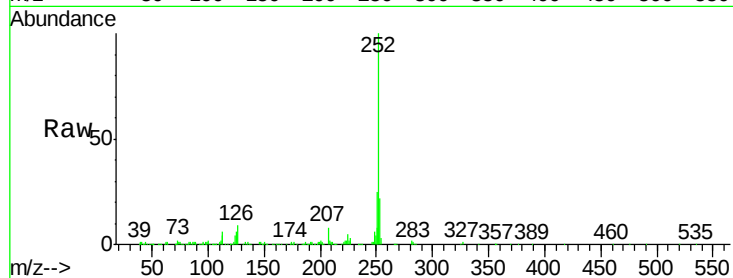
#89
Benzo(a)pyrene
Concen: 14.80 ng
RT: 24.97 min Scan# 3767
Delta R.T. -0.01 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

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

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.7	28.1
125	6.1	3.9	5.9

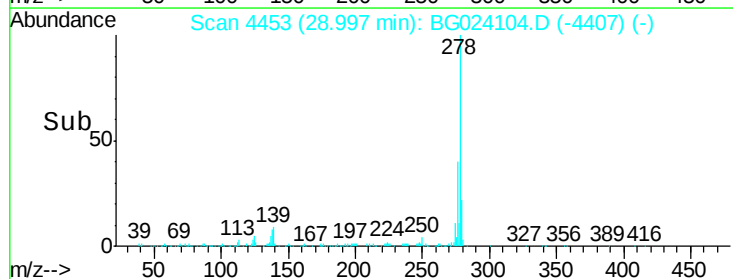
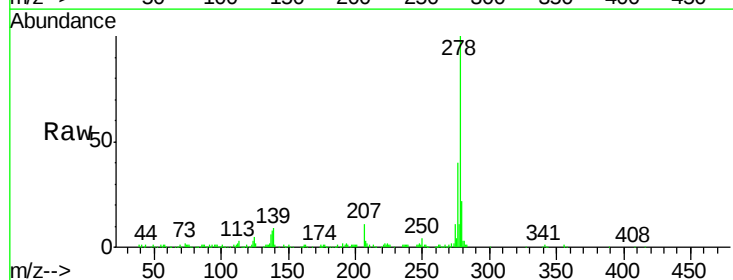
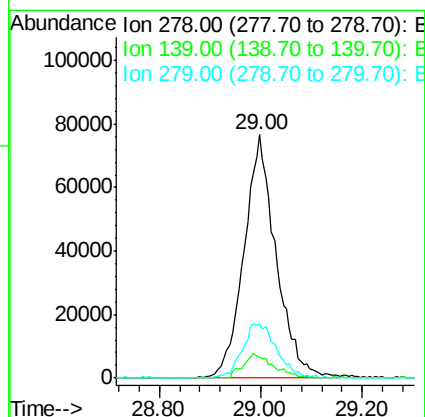
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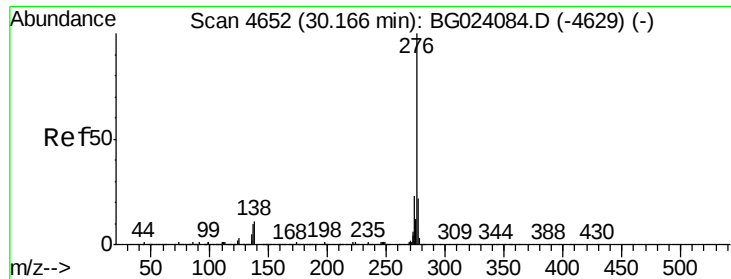
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#90
Dibenzo(a,h)anthracene
Concen: 13.99 ng
RT: 29.00 min Scan# 4453
Delta R.T. -0.03 min
Lab File: BG024104.D
Acq: 24 Sep 2016 1:48

Tgt Ion	Ratio	Lower	Upper
278	100		
139	8.8	4.7	7.1
279	22.1	18.3	27.5





#91
 Benzo(g,h,i)perylene
 Concen: 13.86 ng
 RT: 30.15 min Scan# 4650
 Delta R.T. -0.01 min
 Lab File: BG024104.D
 Acq: 24 Sep 2016 1:48

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

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		336959		
277	24.9	18.6	27.8		
138	12.5	6.8	10.2		

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