

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122116\
 Data File : BG025366.D
 Acq On : 21 Dec 2016 20:44
 Operator : UM/SJ
 Sample : H6103-05
 Misc : LOD 1 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Manual Integrations
 APPROVED

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 12/22/2016 7:03:25 PM

Quant Time: Dec 22 04:34:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 18:42:01 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	48697	20.00	ng	0.00
21) Naphthalene-d8	11.05	136	197782	20.00	ng	0.00
38) Acenaphthene-d10	14.83	164	150003	20.00	ng	0.00
63) Phenanthrene-d10	17.58	188	348928	20.00	ng	0.00
75) Chrysene-d12	21.87	240	543752	20.00	ng	0.00
86) Perylene-d12	25.28	264	562803	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.75	112	376334	140.47	ng	0.00
7) Phenol-d6	7.37	99	518604	137.45	ng	0.00
23) Nitrobenzene-d5	9.39	82	382872	85.52	ng	0.00
41) 2,4,6-Tribromophenol	16.33	330	319236	132.19	ng	0.00
44) 2-Fluorobiphenyl	13.46	172	821875	88.70	ng	0.00
78) Terphenyl-d14	20.16	244	1652815	80.59	ng	0.00

Target Compounds

						Qvalue
6) Aniline	7.53	93	3834	0.75	ng	# 77
8) 2-Chlorophenol	7.77	128	2656	0.88	ng	# 22
9) Benzaldehyde	7.38	77	3044	1.10	ng	# 36
10) Phenol	7.40	94	4019	0.96	ng	# 28
11) bis(2-Chloroethyl)ether	7.63	93	2967	0.92	ng	# 71
12) 1,3-Dichlorobenzene	8.10	146	3793	1.04	ng	# 83
13) 1,4-Dichlorobenzene	8.24	146	2864	0.76	ng	# 63
14) 1,2-Dichlorobenzene	8.57	146	2938	0.81	ng	# 85
15) Benzyl Alcohol	8.49	79	2339	0.65	ng	# 89
16) 2,2'-oxybis(1-Chloropropan	8.72	45	5425	0.91	ng	# 88
17) 2-Methylphenol	8.67	107	2425	0.88	ng	# 67
18) Hexachloroethane	9.30	117	1160	0.80	ng	# 90
19) n-Nitroso-di-n-propylamine	9.01	70	2765	0.87	ng	# 63
20) 3+4-Methylphenols	9.01	107	2277	0.60	ng	# 57
22) Acetophenone	9.05	105	4919	0.90	ng	# 62
24) Nitrobenzene	9.44	77	4454	0.91	ng	# 73
31) Naphthalene	11.10	128	8370	0.85	ng	# 80
34) Hexachlorobutadiene	11.36	225	2995	0.92	ng	# 75
37) 2-Methylnaphthalene	12.70	142	6117	0.84	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	13.06	216	4054	0.82	ng	# 28
45) 1,1'-Biphenyl	13.68	154	9462	0.94	ng	# 86
46) 2-Chloronaphthalene	13.72	162	6236	0.79	ng	# 97
47) 2-Nitroaniline	13.98	65	2623m	0.79	ng	#
48) Acenaphthylene	14.57	152	9651	0.79	ng	# 98
49) Dimethylphthalate	14.29	163	9046	0.83	ng	# 78
50) 2,6-Dinitrotoluene	14.45	165	1776	0.74	ng	# 34
51) Acenaphthene	14.91	154	6078	0.76	ng	# 84
54) Dibenzofuran	15.25	168	11007	0.87	ng	# 89
56) 2,4-Dinitrotoluene	15.23	165	2080m	0.60	ng	#
57) Fluorene	15.89	166	9245	0.87	ng	# 90
58) 2,3,4,6-Tetrachlorophenol	15.49	232	2514	0.72	ng	# 91
59) Diethylphthalate	15.63	149	10315	0.90	ng	# 91
60) 4-Chlorophenyl-phenylether	15.86	204	6137	1.02	ng	# 82
62) Azobenzene	16.16	77	8583	0.78	ng	# 87

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 ClientSampleId :
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Manual Integrations
 APPROVED

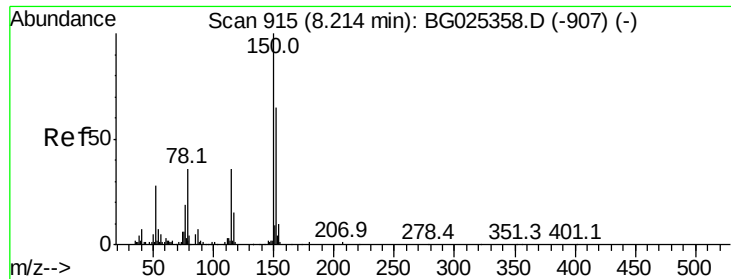
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Quant Time: Dec 22 04:34:03 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

65) n-Nitrosodiphenylamine	16.09	169	7955m	0.84	nq	
66) 4-Bromophenyl-phenylether	16.77	248	3042	0.71	nq	86
67) Hexachlorobenzene	16.89	284	3757	0.76	nq	# 76
68) Atrazine	17.03	200	2848	0.69	nq	# 61
70) Phenanthrene	17.63	178	15893	0.88	nq	# 84
71) Anthracene	17.73	178	15631	0.86	nq	# 92
72) Carbazole	18.01	167	13865	0.85	nq	# 87
73) Di-n-butylphthalate	18.51	149	16305	0.81	nq	# 90
74) Fluoranthene	19.63	202	20825	0.88	nq	95
77) Pvrene	19.99	202	23440	0.82	nq	# 86
79) Butylbenzylphthalate	20.83	149	10229	0.90	nq	# 86
80) Benzo(a)anthracene	21.86	228	28196	0.93	nq	94
81) 3,3'-Dichlorobenzidine	21.77	252	8770	0.74	nq	# 62
82) Chrysene	21.93	228	27324	0.94	nq	# 84
83) Bis(2-ethylhexyl)phthalate	21.70	149	14514	0.91	nq	# 88
84) Di-n-octyl phthalate	22.95	149	25499	0.97	nq	99
85) Indeno(1,2,3-cd)pyrene	29.24	276	29145m	0.79	nq	
87) Benzo(b)fluoranthene	24.19	252	26600	0.87	nq	# 96
88) Benzo(k)fluoranthene	24.27	252	24859	0.84	nq	# 94
89) Benzo(a)pyrene	25.13	252	27025m	0.91	nq	
90) Dibenzo(a,h)anthracene	29.27	278	27281m	0.87	nq	
91) Benzo(g,h,i)perylene	30.48	276	24198m	0.77	nq	

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



#1

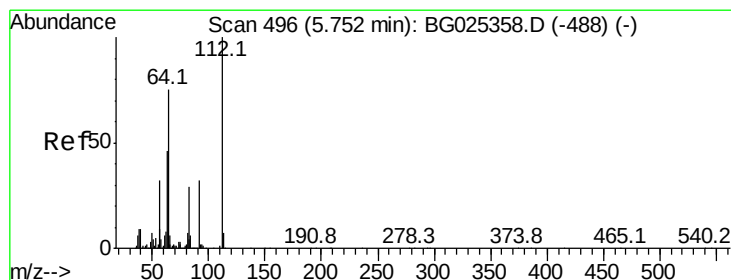
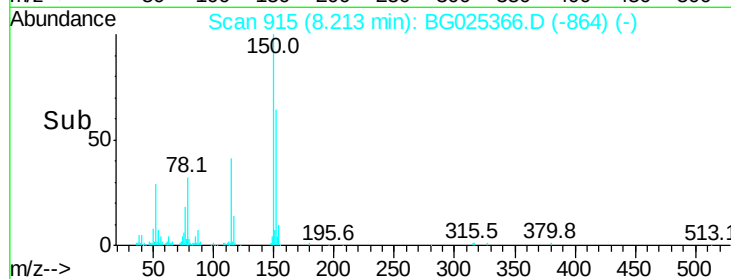
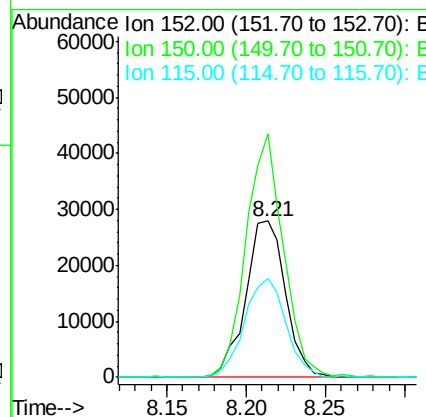
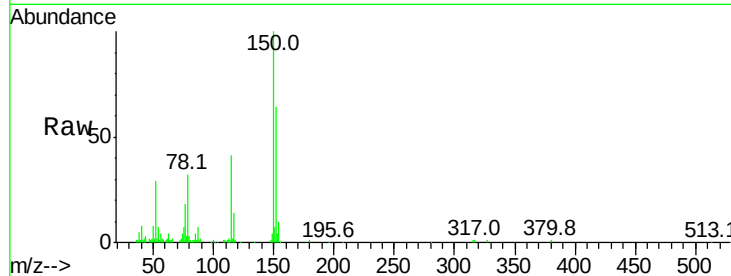
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.21 min Scan# 915
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.5	114.0	171.0
115	63.0	48.1	72.1

Manual Integrations
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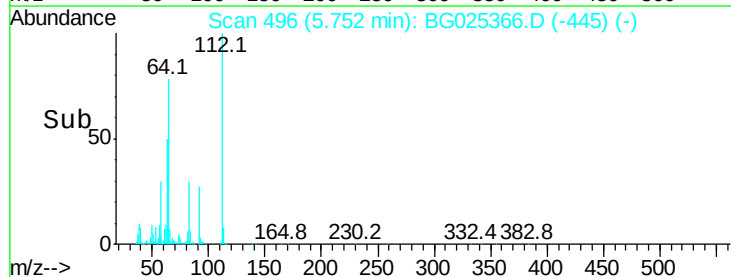
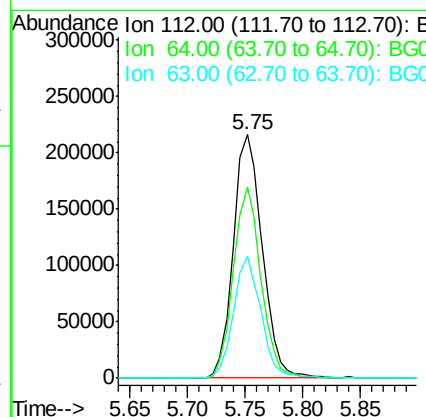
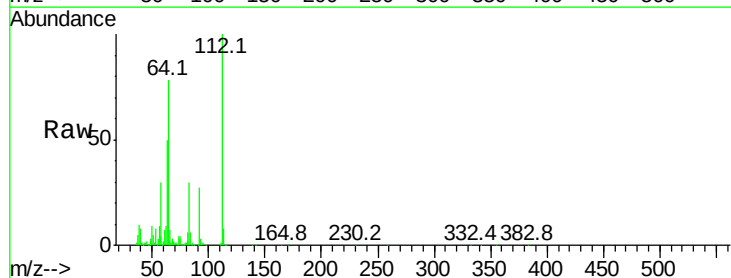
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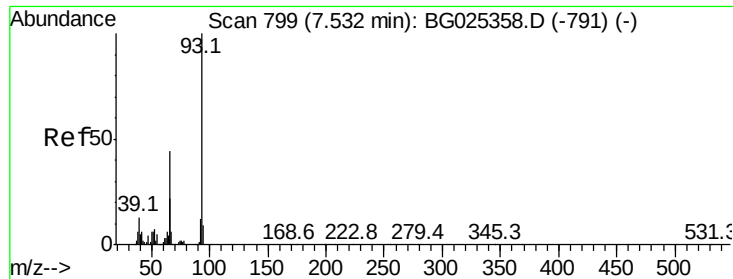


#5

2-Fluorophenol
Concen: 140.47 ng
RT: 5.75 min Scan# 496
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.4	61.8	92.6
63	50.0	37.2	55.8





#6

Aniline

Concen: 0.75 ng

RT: 7.53 min Scan# 799

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

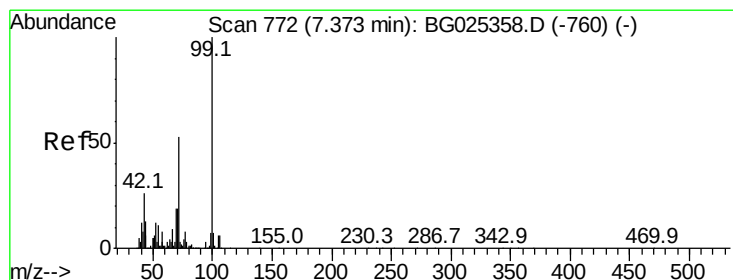
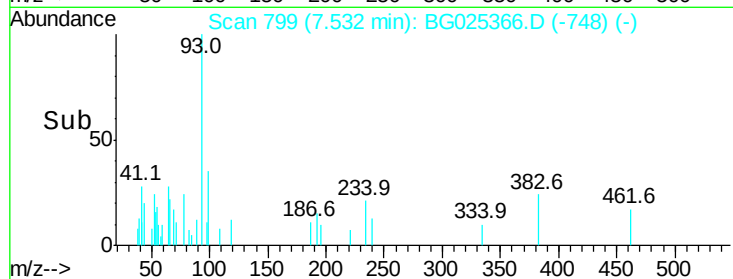
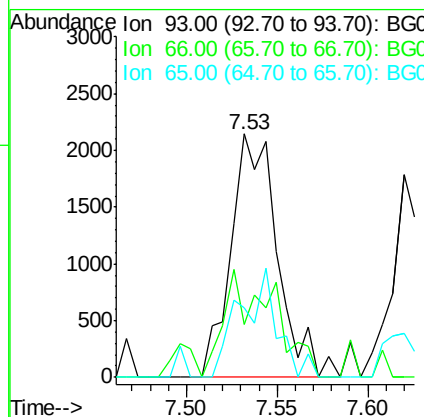
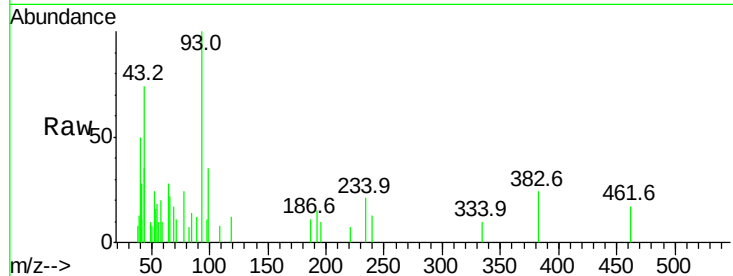
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	93	Resp:	3834
Ion Ratio	Lower	Upper	
93	100		
66	21.8	35.4	53.2#
65	28.5	21.2	31.8

Manual Integrations
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#7

Phenol-d6

Concen: 137.45 ng

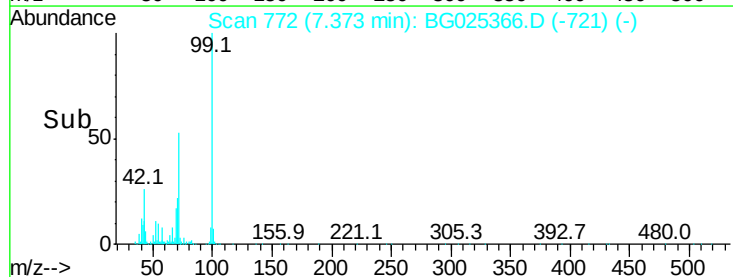
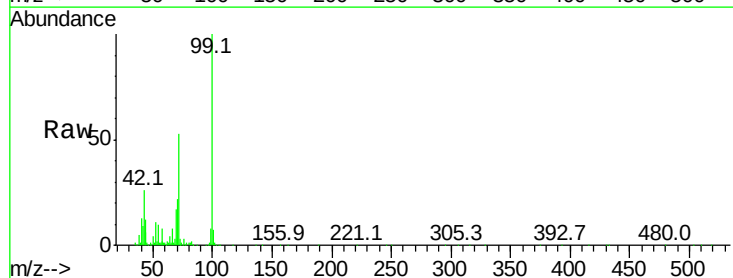
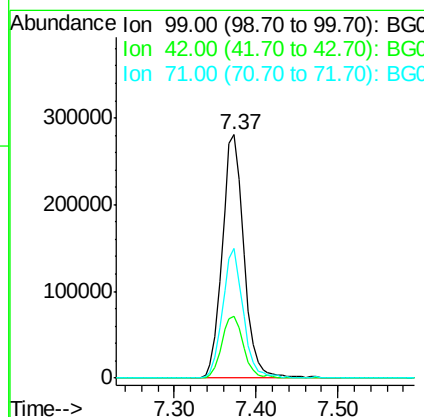
RT: 7.37 min Scan# 772

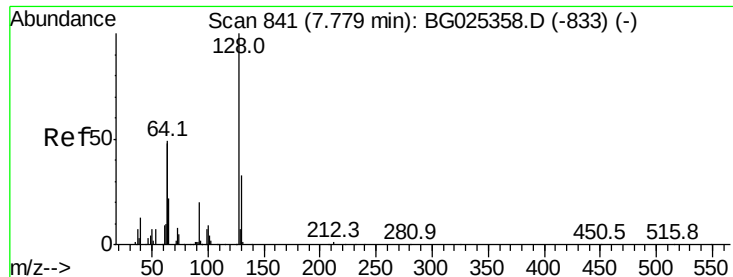
Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	99	Resp:	518604
Ion Ratio	Lower	Upper	
99	100		
42	25.6	20.5	30.7
71	53.0	37.6	56.4





#8

2-Chlorophenol

Concen: 0.88 ng

RT: 7.77 min Scan# 840

Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

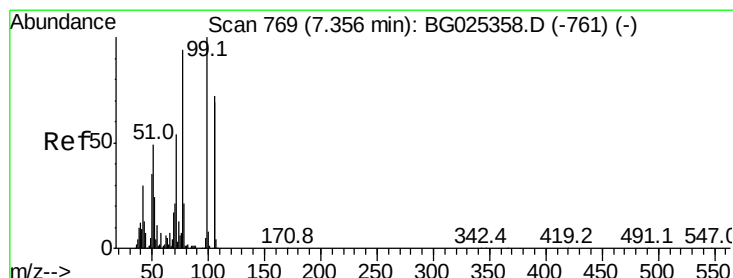
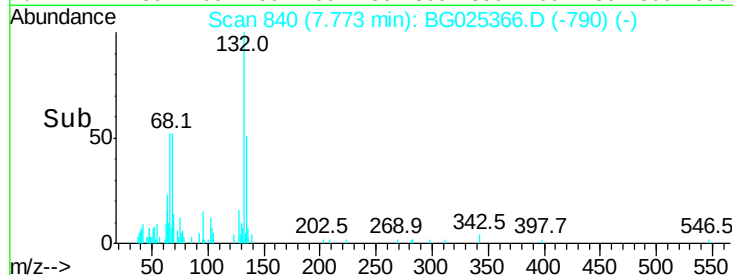
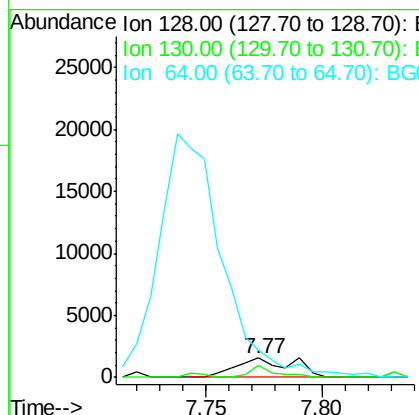
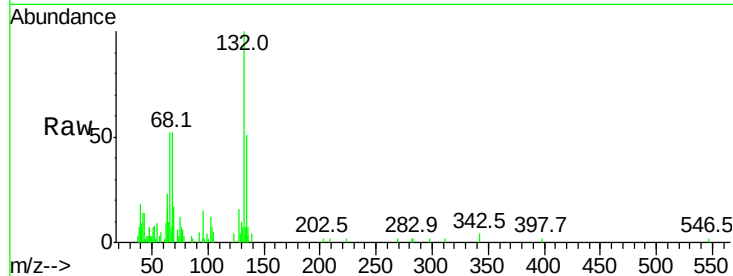
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	128	Resp:	2656
Ion Ratio	Lower	Upper	
128	100		
130	60.9	11.4	51.4#
64	138.4	46.6	86.6#

Manual Integrations
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#9

Benzaldehyde

Concen: 1.10 ng

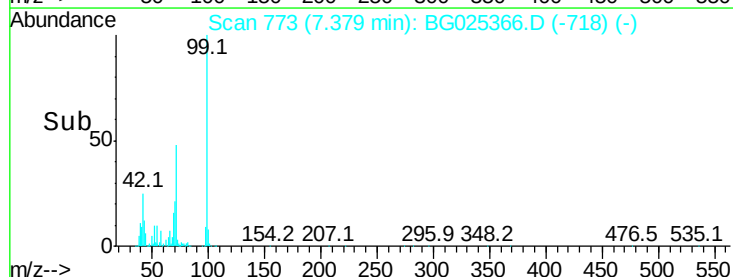
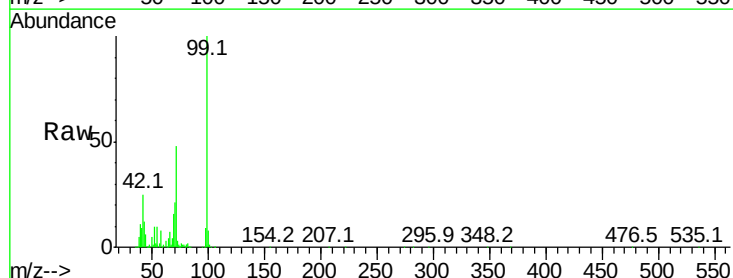
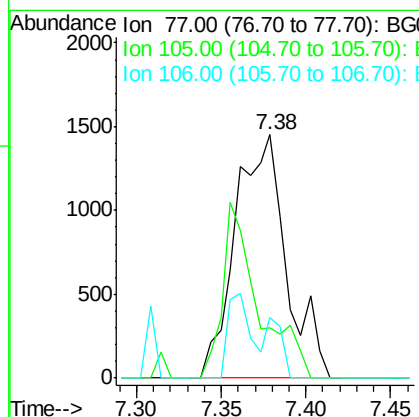
RT: 7.38 min Scan# 773

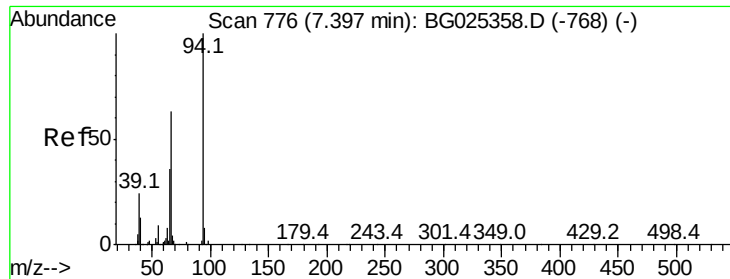
Delta R.T. 0.02 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	77	Resp:	3044
Ion Ratio	Lower	Upper	
77	100		
105	20.4	60.9	100.9#
106	25.0	55.1	95.1#





#10

Phenol

Concen: 0.96 ng

RT: 7.40 min Scan# 777

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

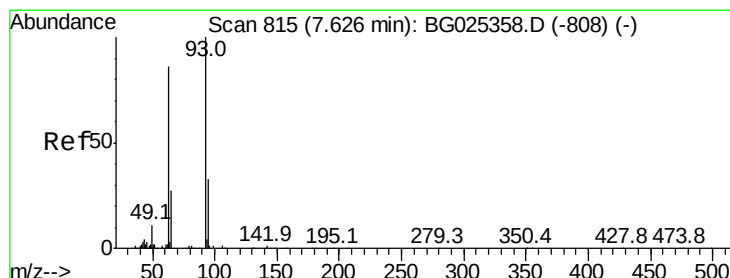
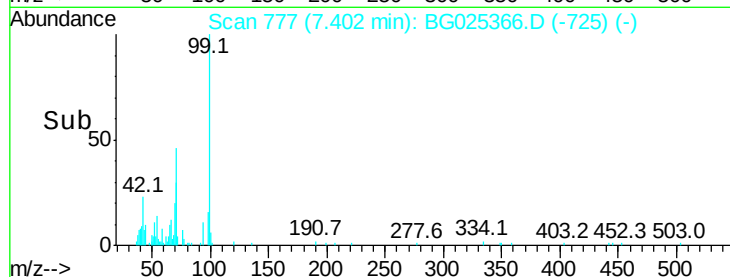
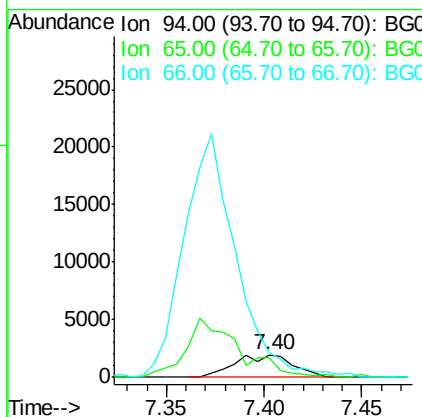
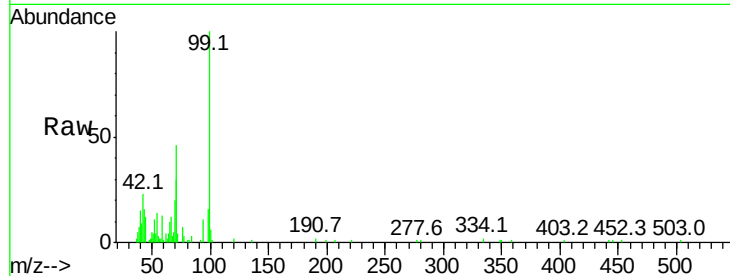
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	94	Resp:	4019
Ion	Ratio	Lower	Upper
94	100		
65	85.0	20.6	60.6#
66	107.6	35.5	75.5#

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#11

bis(2-Chloroethyl)ether

Concen: 0.92 ng

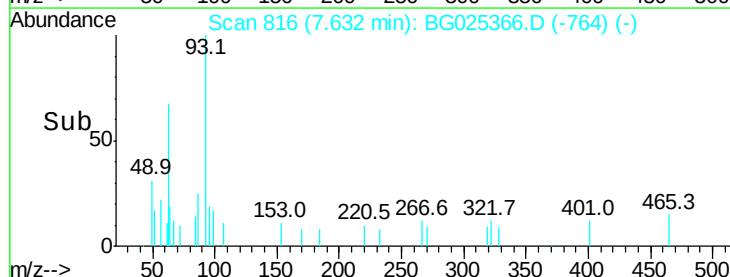
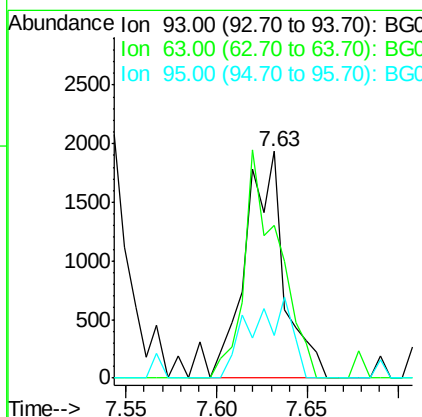
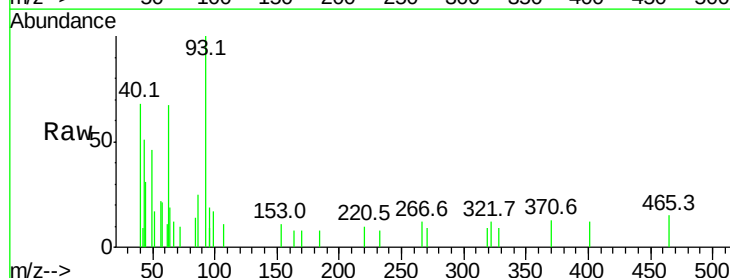
RT: 7.63 min Scan# 816

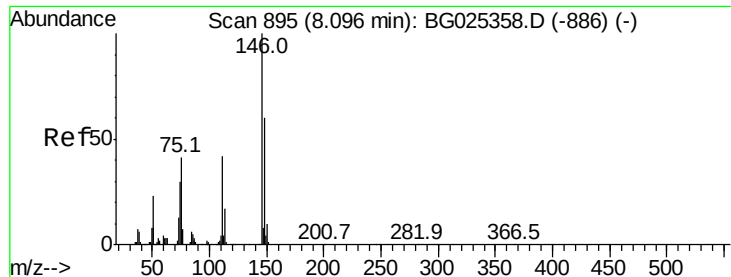
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	93	Resp:	2967
Ion	Ratio	Lower	Upper
93	100		
63	67.3	78.5	118.5#
95	18.7	9.8	49.8





#12

1,3-Dichlorobenzene

Concen: 1.04 ng

RT: 8.10 min Scan# 895

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

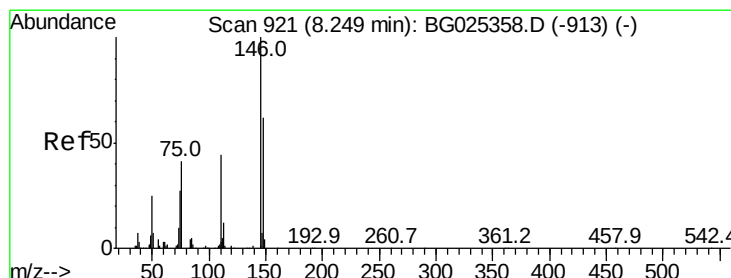
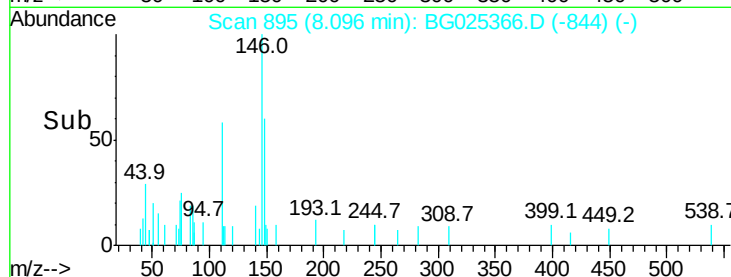
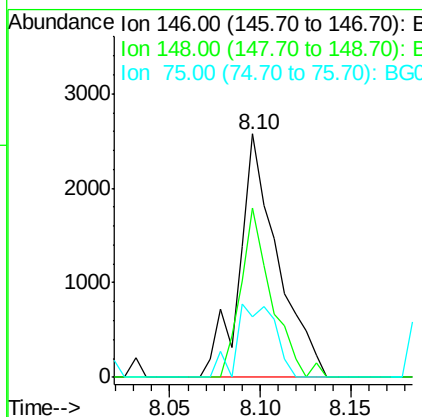
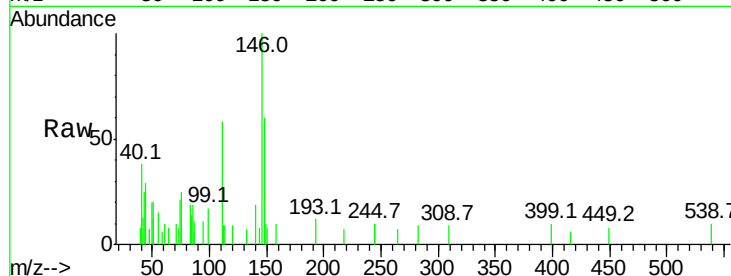
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	146	Resp:	3793
Ion Ratio	Lower	Upper	
146	100		
148	69.7	49.2	73.8
75	24.8	33.4	50.2#

Manual Integrations
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#13

1,4-Dichlorobenzene

Concen: 0.76 ng

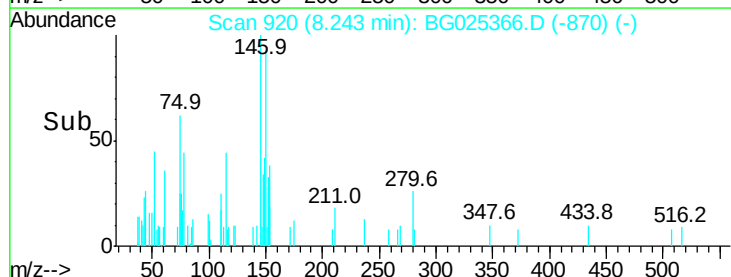
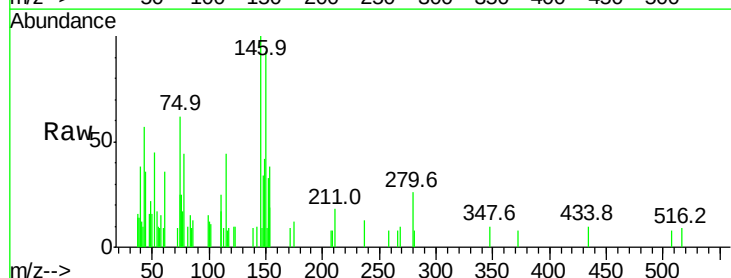
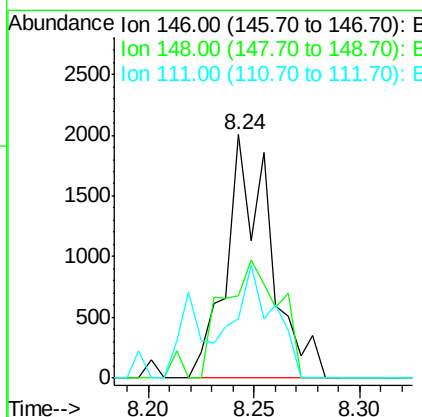
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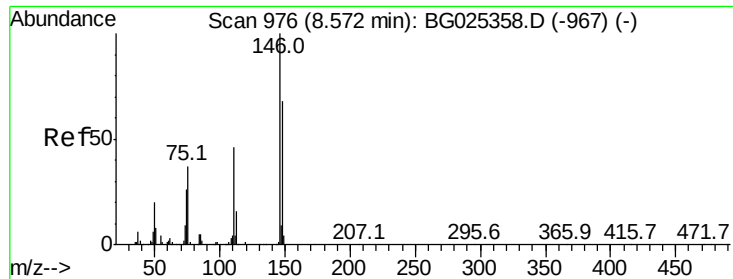
Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	146	Resp:	2864
Ion Ratio	Lower	Upper	
146	100		
148	33.9	52.2	78.2#
111	24.6	37.0	55.6#





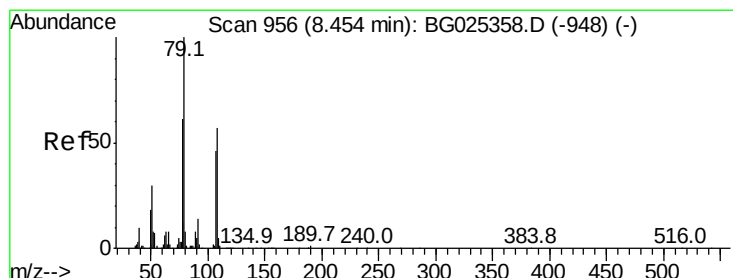
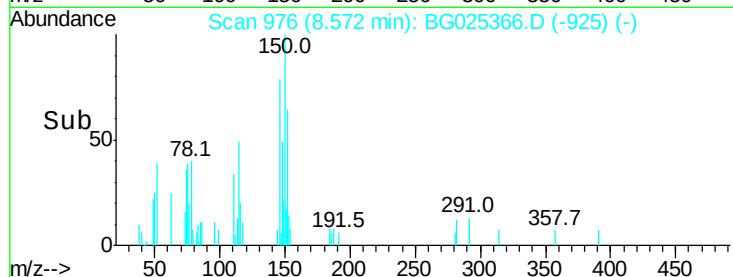
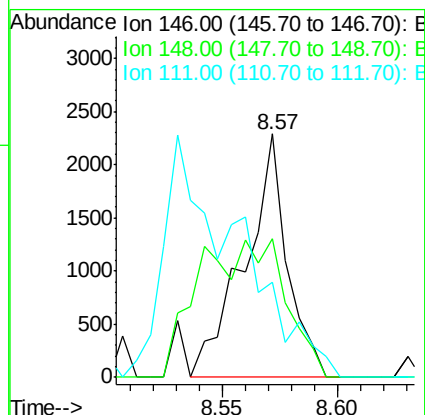
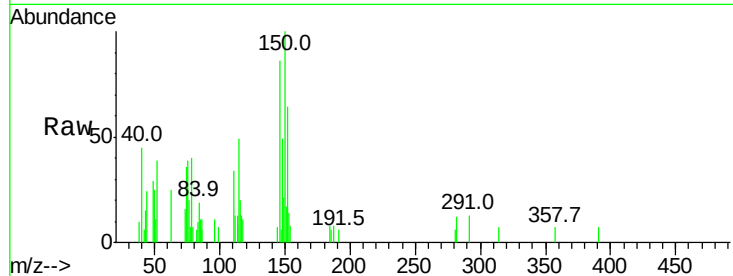
#14
1,2-Dichlorobenzene
Concen: 0.81 ng
RT: 8.57 min Scan# 976
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
146	100		
148	57.1	54.6	81.8
111	38.8	39.7	59.5#

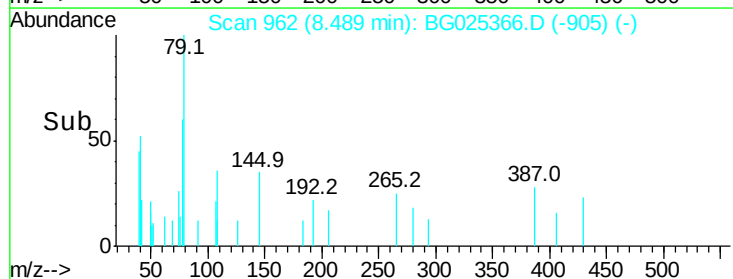
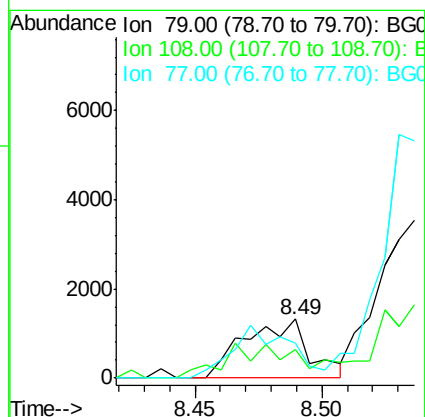
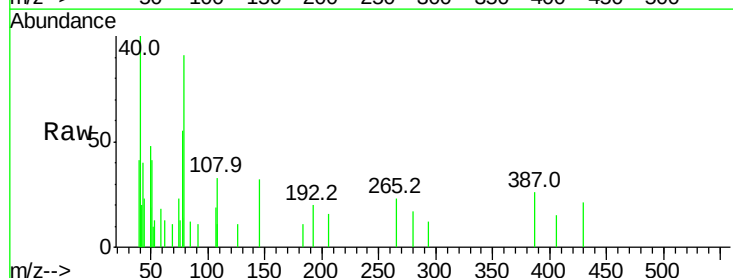
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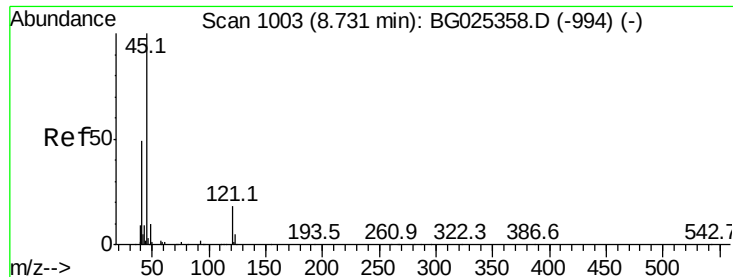
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#15
Benzyl Alcohol
Concen: 0.65 ng
RT: 8.49 min Scan# 962
Delta R.T. 0.03 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
79	100		
108	48.1	45.5	68.3
77	60.2	54.3	81.5





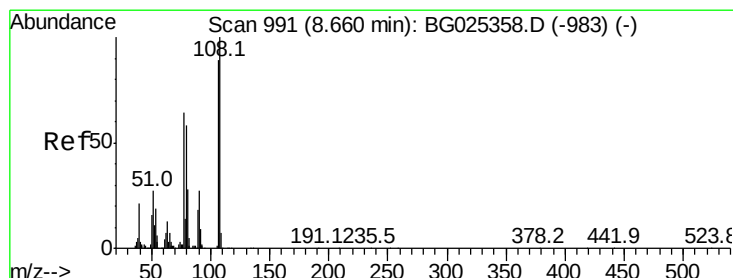
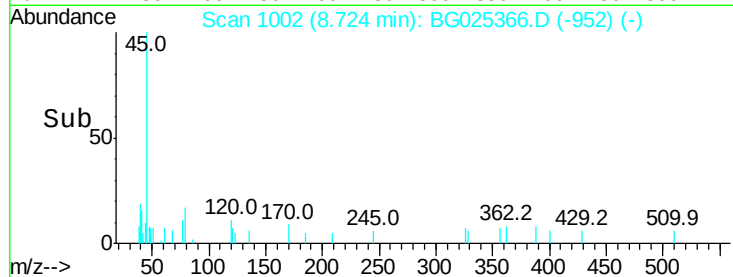
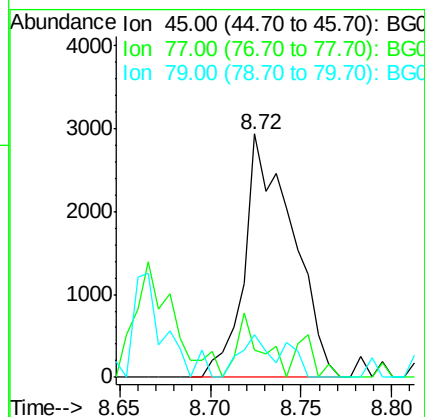
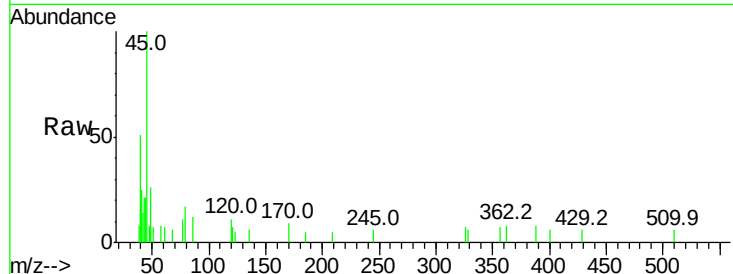
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 0.91 ng
RT: 8.72 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	30.6
79	17.4	0.0	28.5

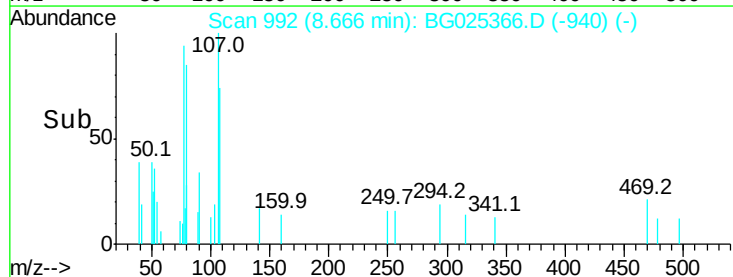
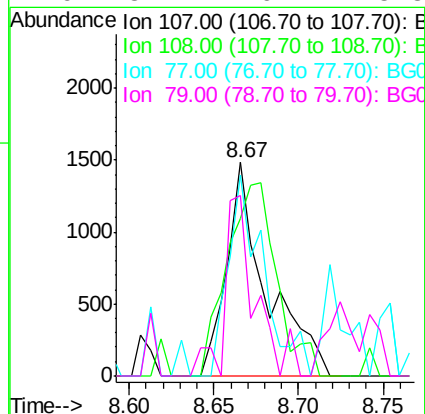
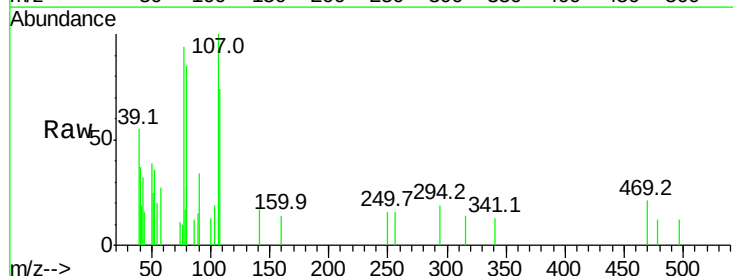
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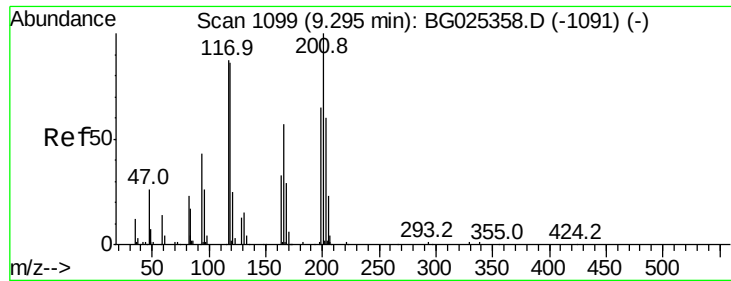
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#17
2-Methylphenol
Concen: 0.88 ng
RT: 8.67 min Scan# 992
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	73.7	85.6	128.4#
77	94.1	51.4	77.2#
79	84.7	49.2	73.8#





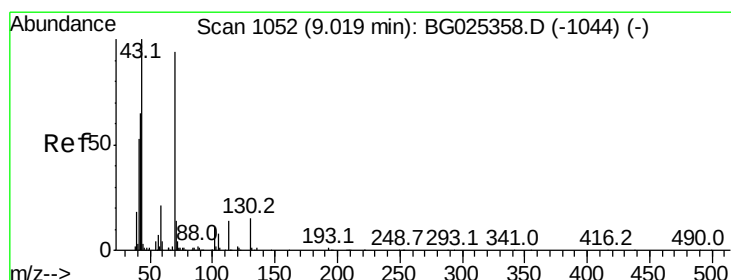
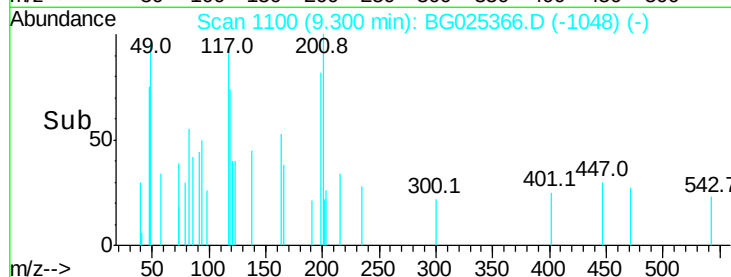
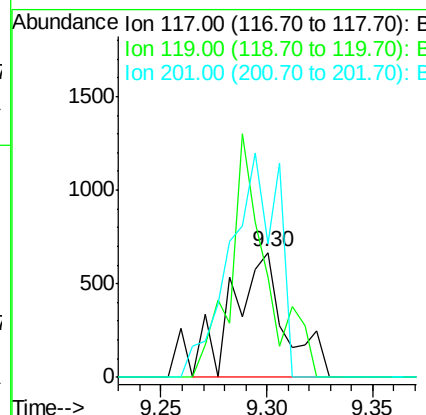
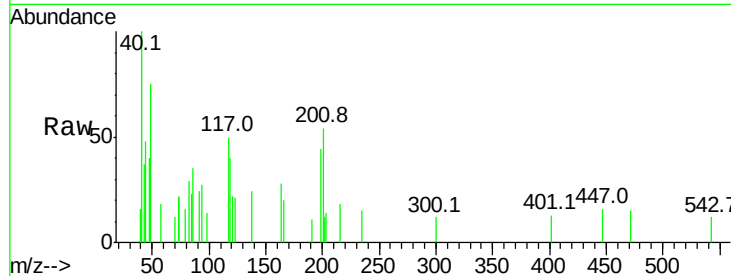
#18
Hexachloroethane
Concen: 0.80 ng
RT: 9.30 min Scan# 1100
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
117	100		
119	80.0	69.8	104.6
201	131.2	95.4	143.0

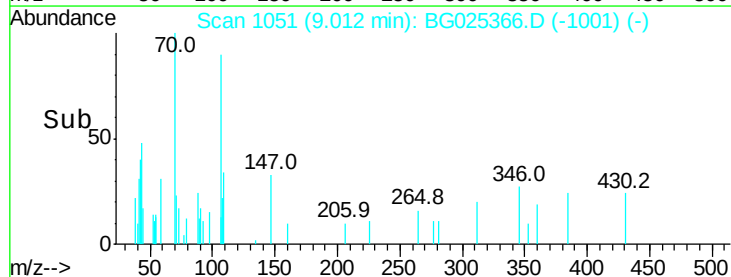
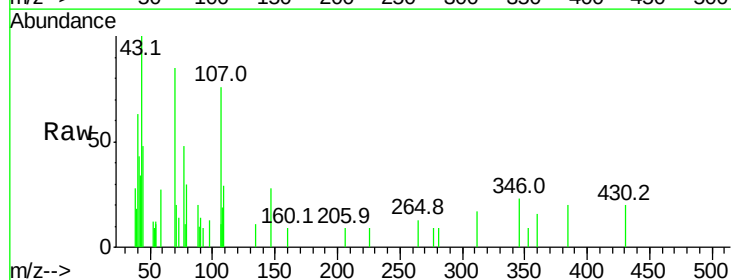
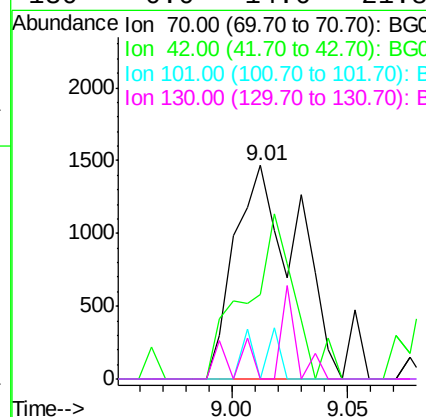
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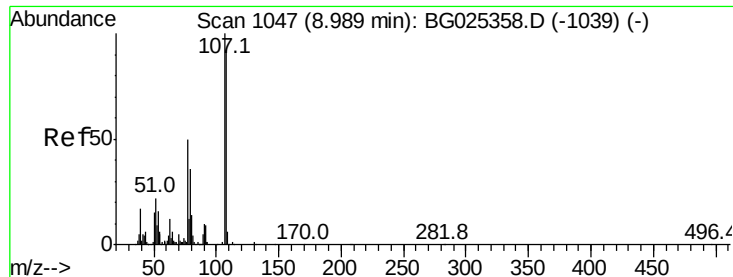
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#19
n-Nitroso-di-n-propylamine
Concen: 0.87 ng
RT: 9.01 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
70	100		
42	39.6	56.1	84.1#
101	0.0	7.5	11.3#
130	0.0	14.6	21.8#





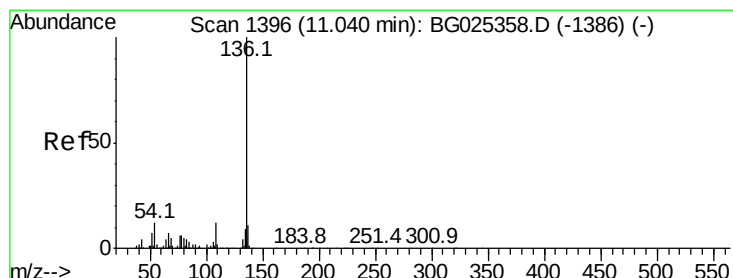
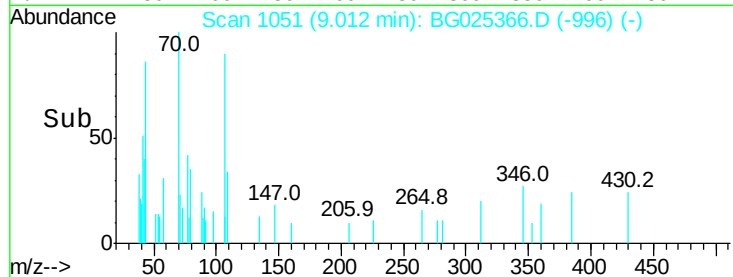
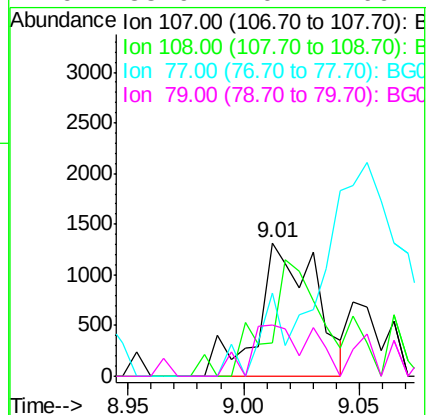
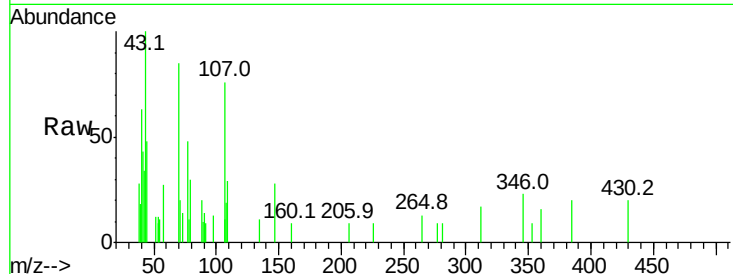
#20
3+4-Methylphenols
Concen: 0.60 ng
RT: 9.01 min Scan# 1051
Delta R.T. 0.02 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	2277		
108	108	25.0		70.8	110.8#
77	77	62.7		25.8	65.8
79	79	38.9		20.1	60.1

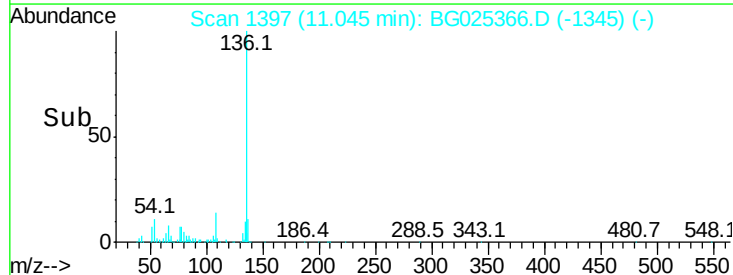
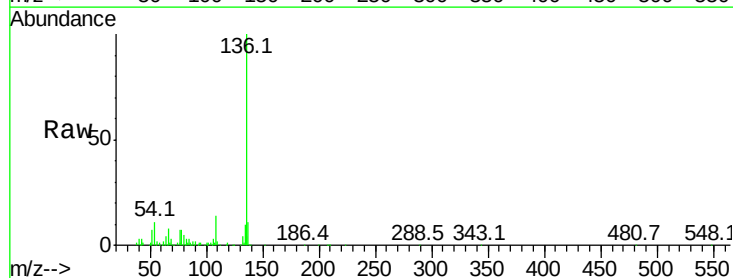
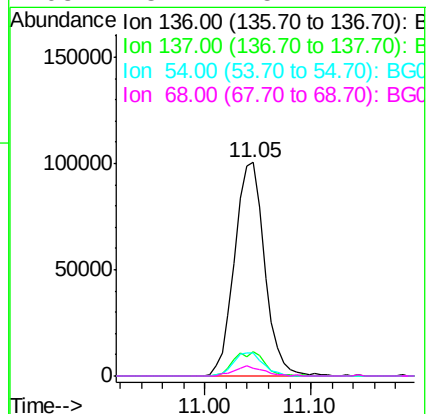
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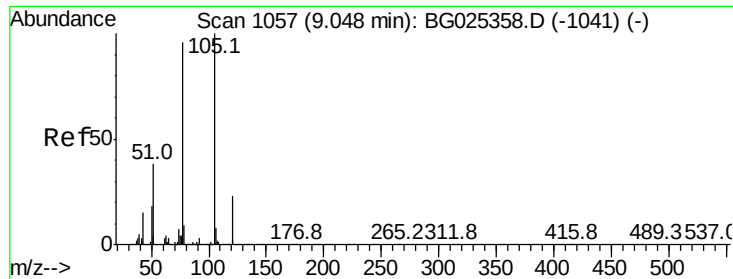
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#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.05 min Scan# 1397
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	136	100	197782		
137	137	11.2		8.9	13.3
54	54	11.0		9.3	13.9
68	68	3.4		5.1	7.7#





#22

Acetophenone

Concen: 0.90 ng

RT: 9.05 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BG025366.D

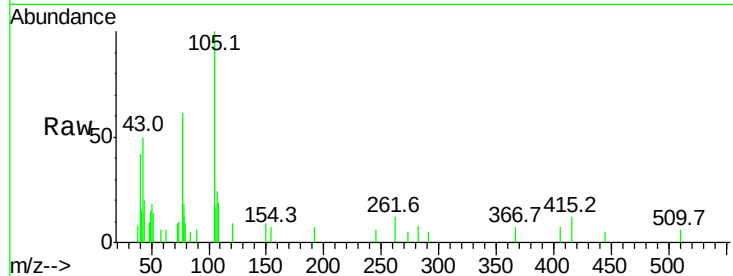
Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

ClientSampleId :

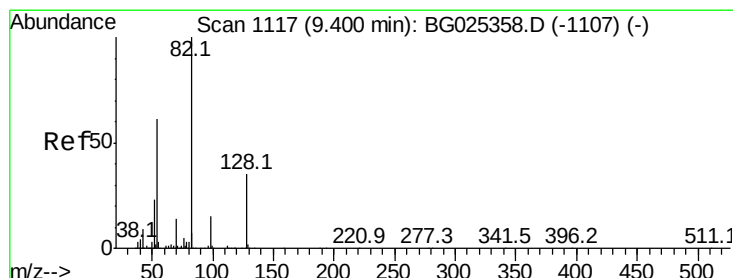
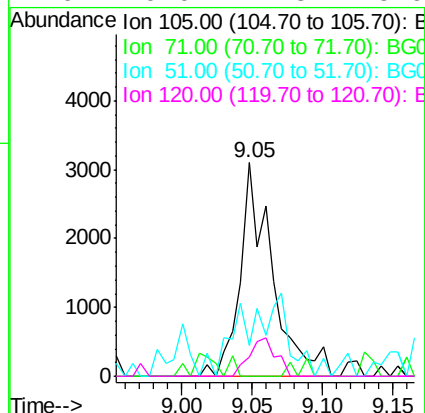
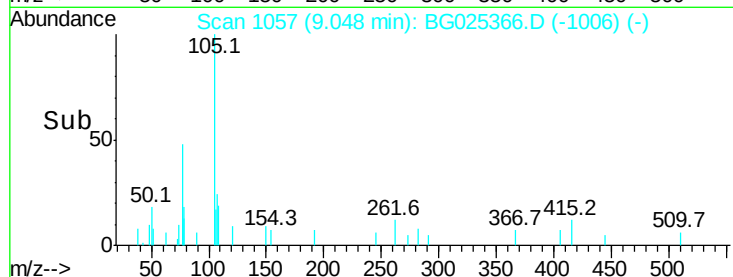
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
4919	105	100			
	71	0.0	0.9	1.3	#
	51	14.2	34.0	51.0	#
	120	9.0	17.3	25.9	#

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#23

Nitrobenzene-d5

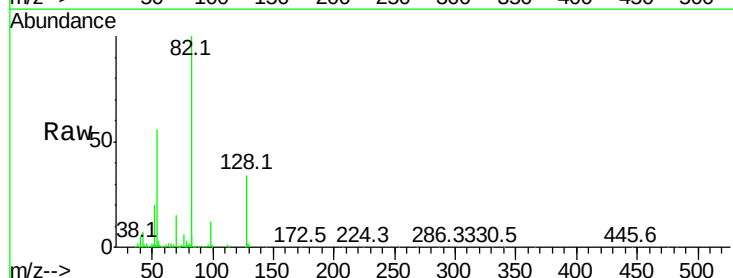
Concen: 85.52 ng

RT: 9.39 min Scan# 1116

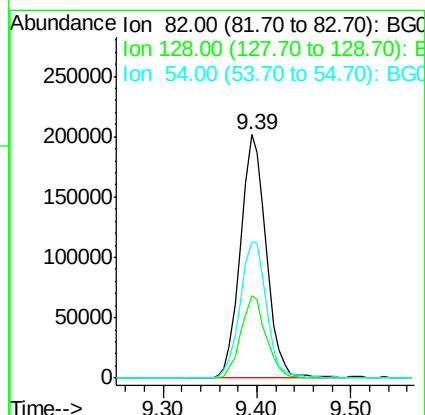
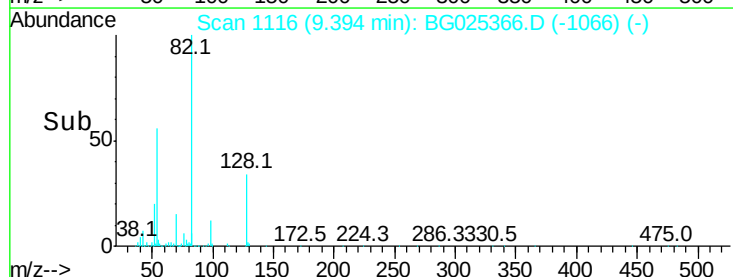
Delta R.T. -0.01 min

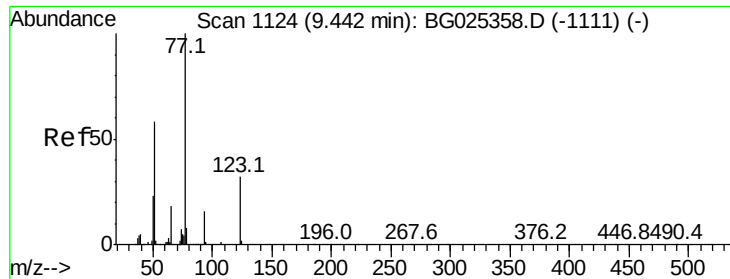
Lab File: BG025366.D

Acq: 21 Dec 2016 20:44



Tgt Ion	Ion	Ratio	Resp	Lower	Upper
382872	82	100			
	128	34.0	26.4	39.6	
	54	56.0	49.4	74.2	





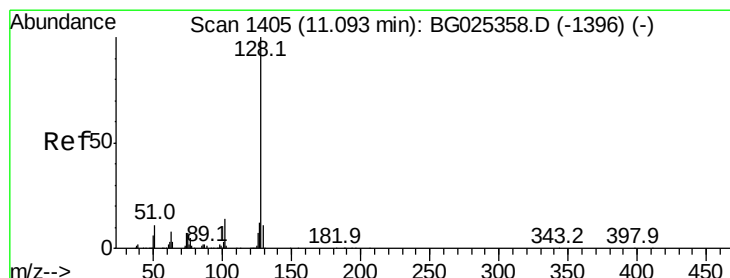
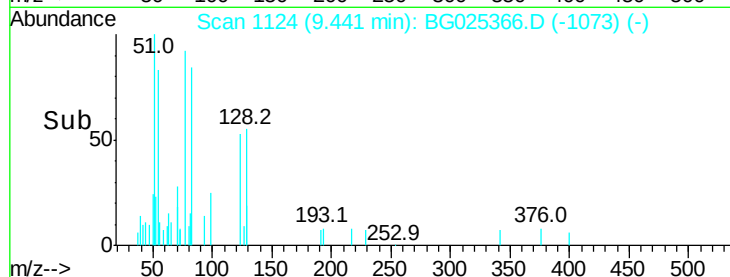
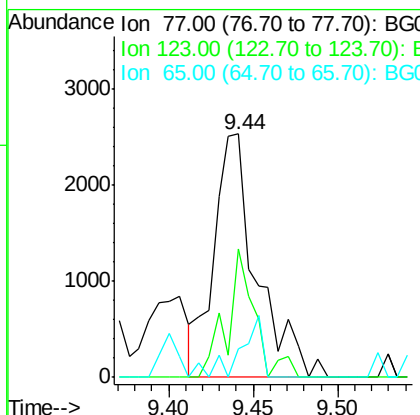
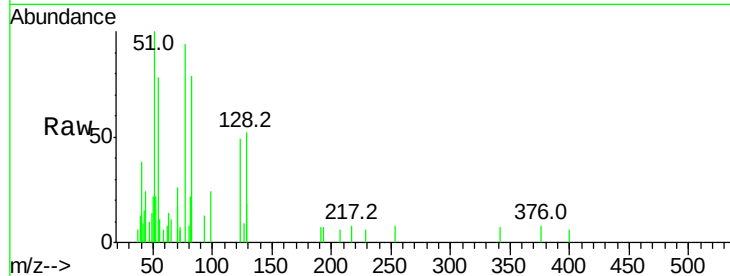
#24
 Nitrobenzene
 Concen: 0.91 ng
 RT: 9.44 min Scan# 1124
 Delta R.T. -0.00 min
 Lab File: BG025366.D
 Acq: 21 Dec 2016 20:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
77	100		
123	52.6	26.1	39.1#
65	11.5	12.4	18.6#

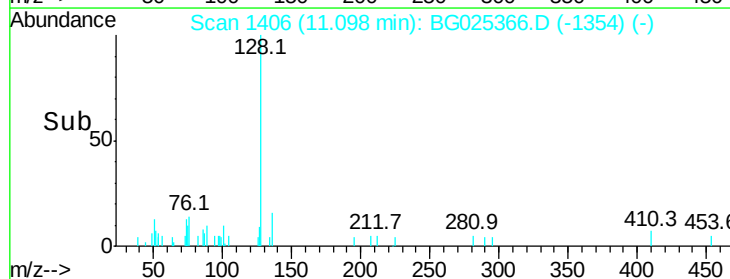
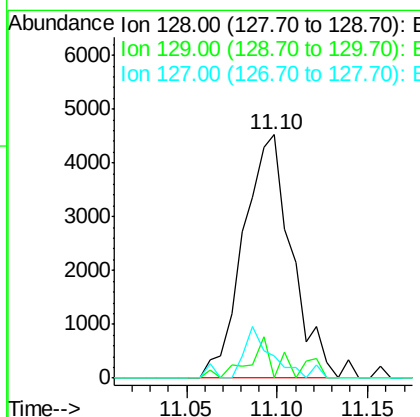
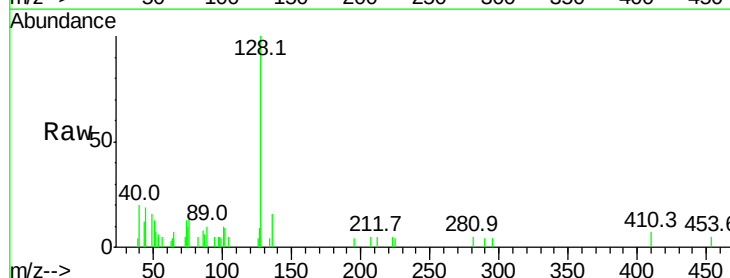
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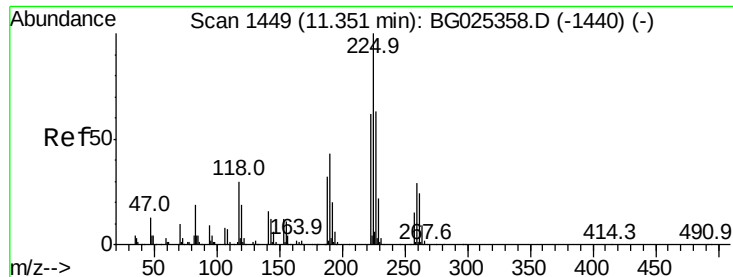
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#31
 Naphthalene
 Concen: 0.85 ng
 RT: 11.10 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BG025366.D
 Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
128	100		
129	0.0	9.3	13.9#
127	9.3	11.4	17.0#





#34

Hexachlorobutadiene

Concen: 0.92 ng

RT: 11.36 min Scan# 1450

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

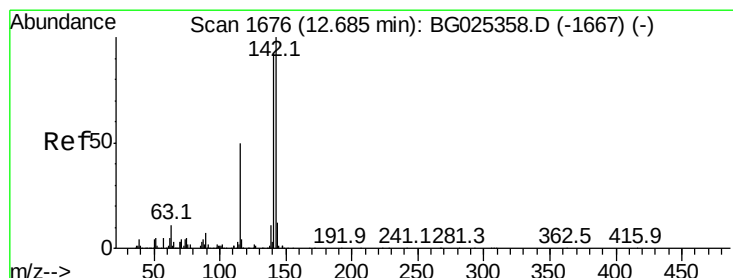
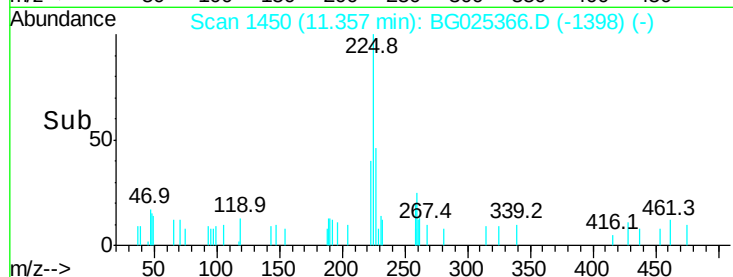
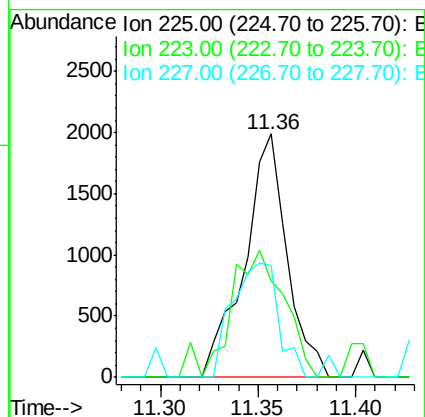
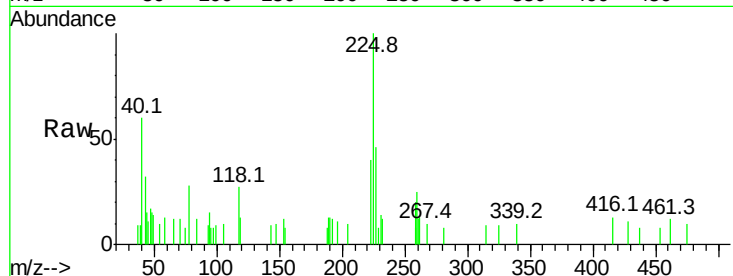
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	225	Resp:	2995
Ion Ratio	Lower	Upper	
225	100		
223	39.6	50.7	76.1#
227	46.0	49.0	73.6#

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#37

2-Methylnaphthalene

Concen: 0.84 ng

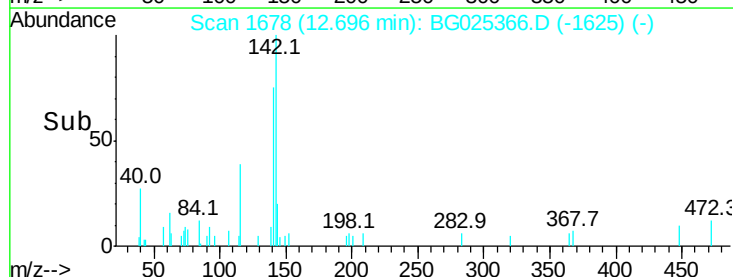
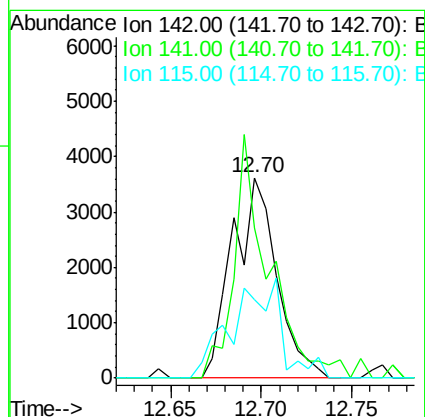
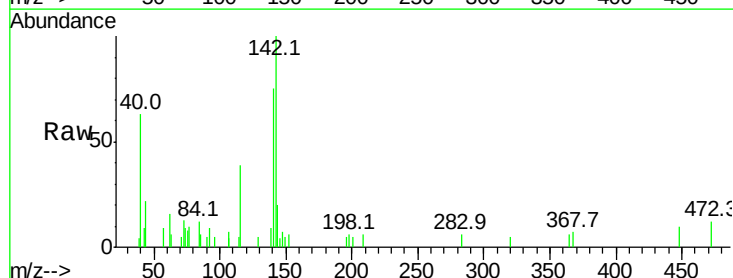
RT: 12.70 min Scan# 1678

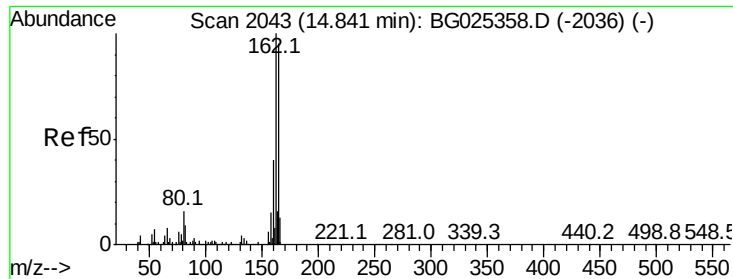
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	142	Resp:	6117
Ion Ratio	Lower	Upper	
142	100		
141	74.8	70.4	105.6
115	39.4	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.83 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

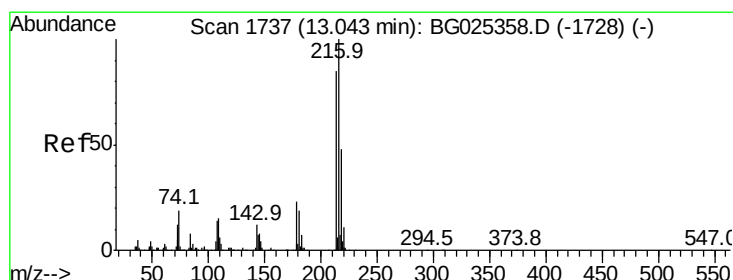
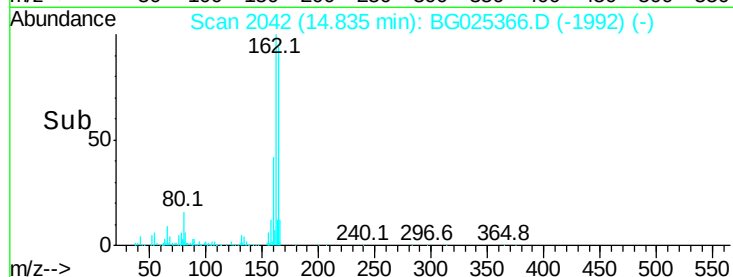
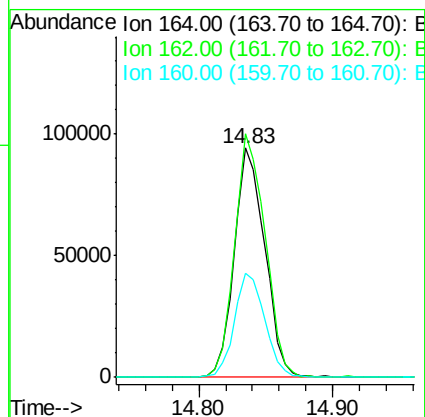
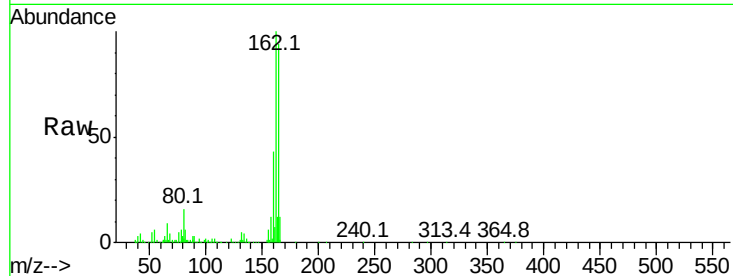
ClientSampleId :

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Tot Ion:	164	Resp:	150003
Ion Ratio	Lower	Upper	
164	100		
162	106.1	85.1	127.7
160	45.4	34.7	52.1

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#39

1,2,4,5-Tetrachlorobenzene

Concen: 0.82 ng

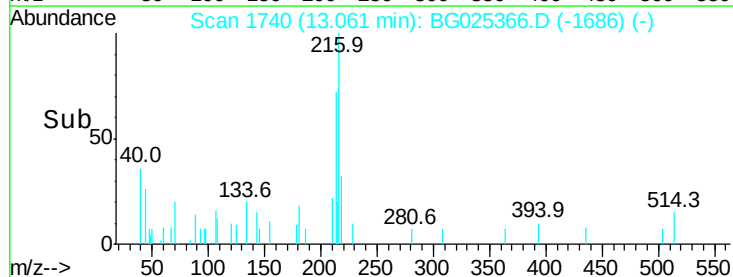
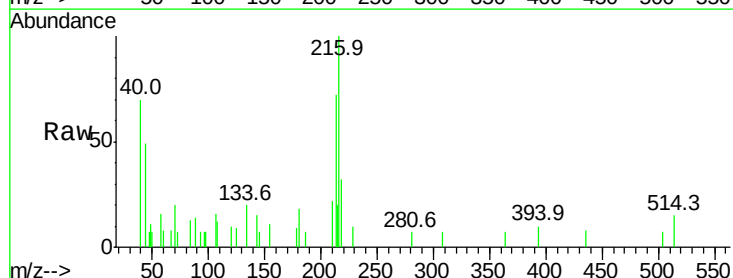
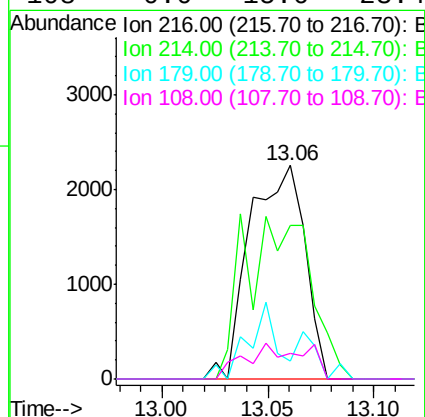
RT: 13.06 min Scan# 1740

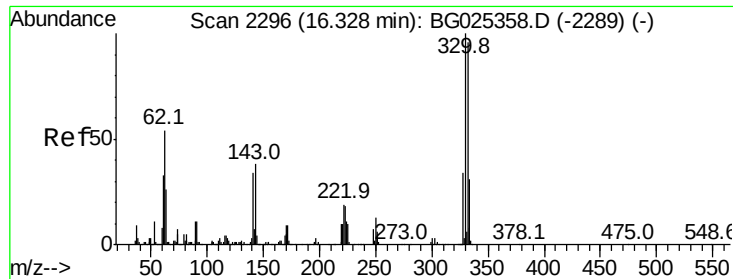
Delta R.T. 0.02 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	216	Resp:	4054
Ion Ratio	Lower	Upper	
216	100		
214	0.0	64.4	96.6#
179	8.7	17.4	26.0#
108	0.0	15.6	23.4#





#41

2,4,6-Tribromophenol

Concen: 132.19 ng

RT: 16.33 min Scan# 2296

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

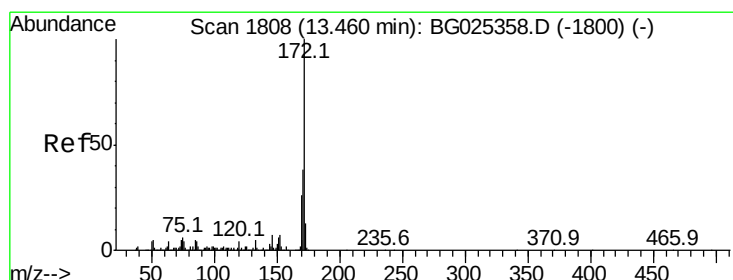
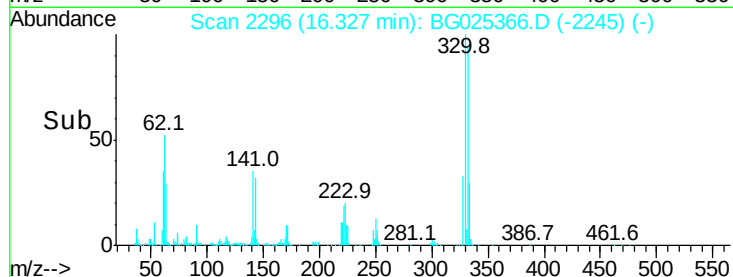
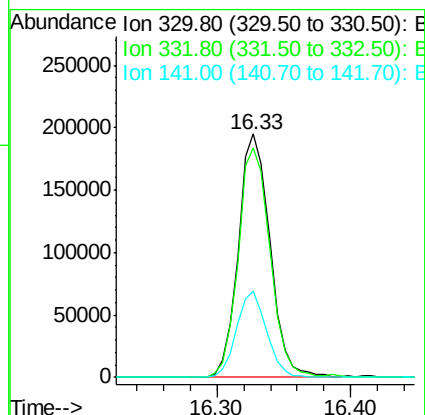
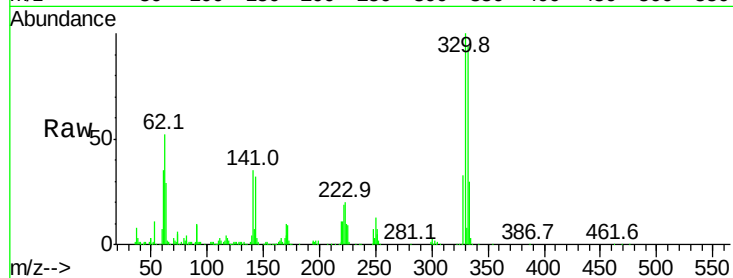
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	330	Resp:	319236
Ion Ratio	Lower	Upper	
330	100		
332	95.6	77.3	115.9
141	34.0	32.1	48.1

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#44

2-Fluorobiphenyl

Concen: 88.70 ng

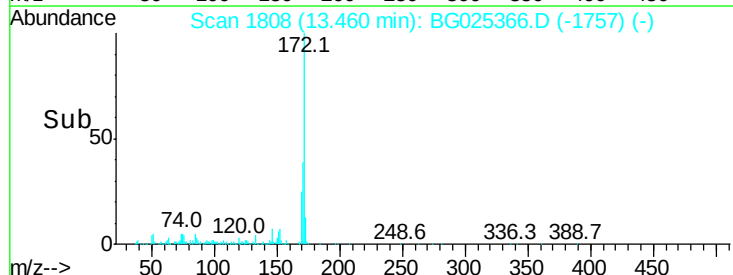
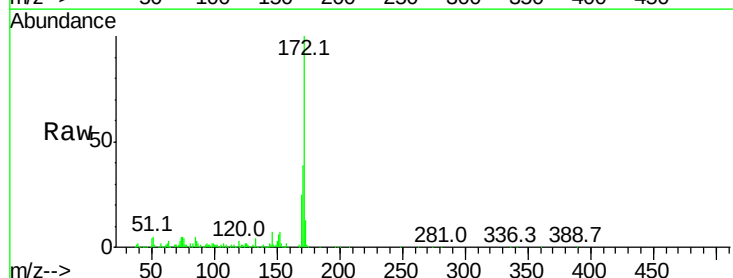
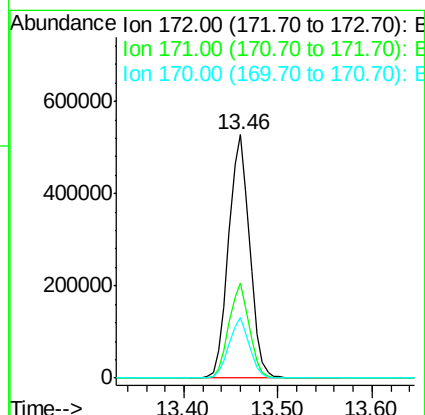
RT: 13.46 min Scan# 1808

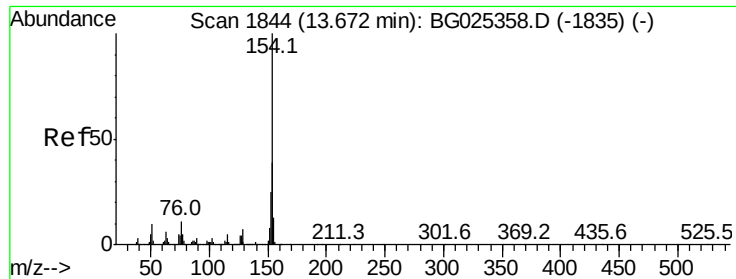
Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	172	Resp:	821875
Ion Ratio	Lower	Upper	
172	100		
171	39.1	32.2	48.2
170	24.7	21.8	32.6





#45

1,1'-Biphenyl

Concen: 0.94 ng

RT: 13.68 min Scan# 1846

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

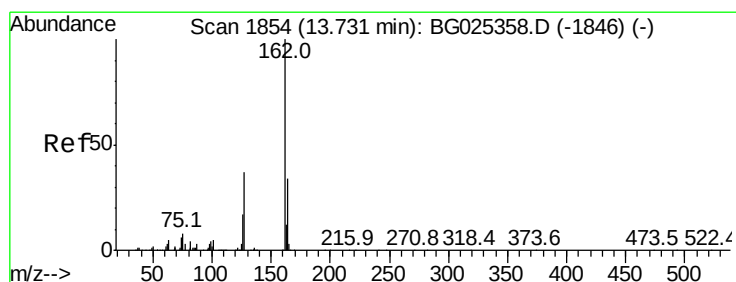
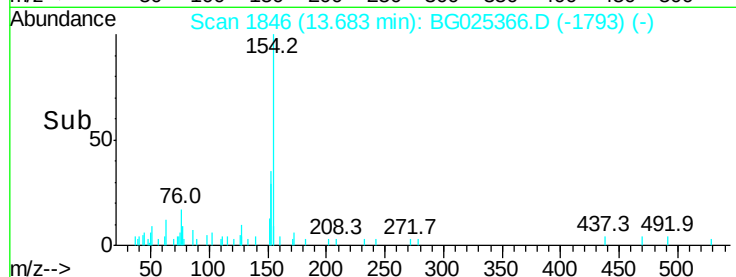
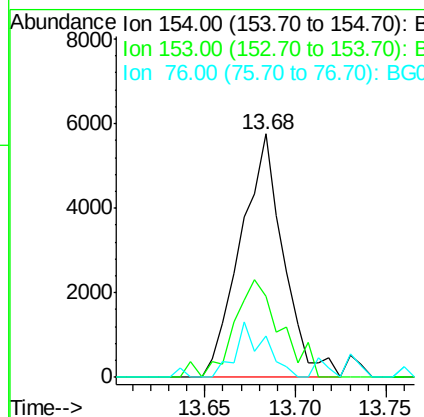
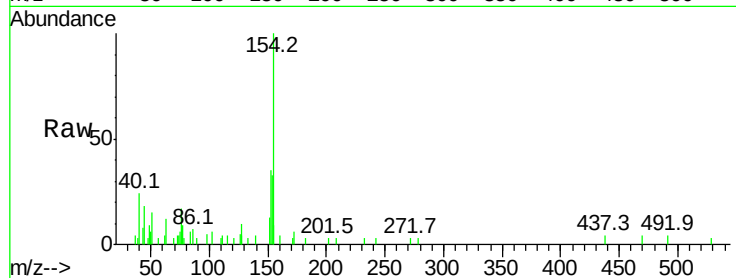
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	154	Resp:	9462
Ion Ratio	Lower	Upper	
154	100		
153	33.1	23.0	63.0
76	17.1	0.0	33.5

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#46

2-Chloronaphthalene

Concen: 0.79 ng

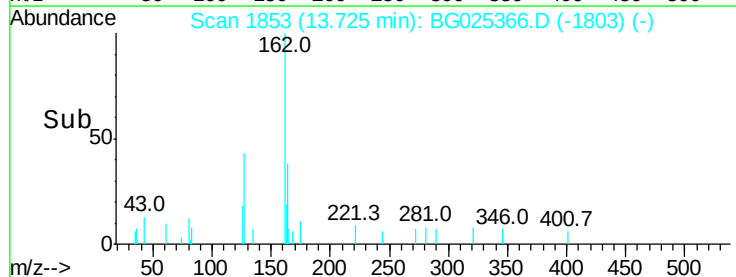
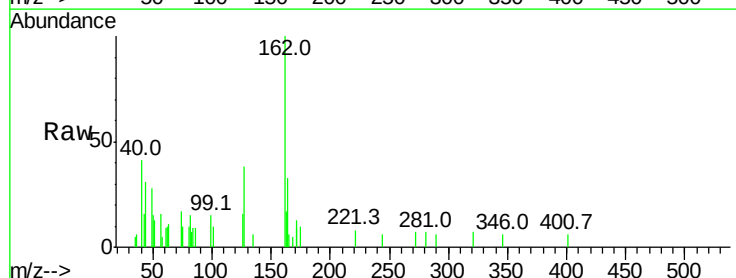
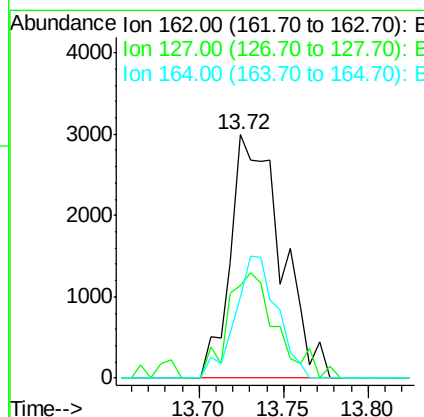
RT: 13.72 min Scan# 1853

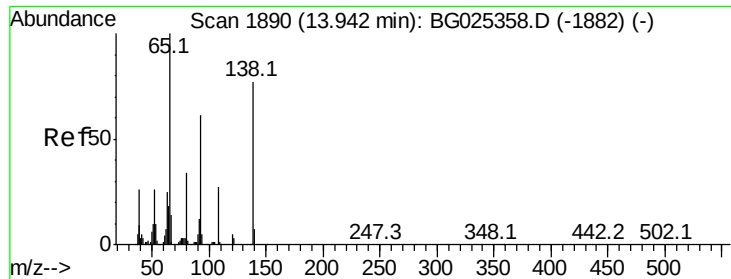
Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	162	Resp:	6236
Ion Ratio	Lower	Upper	
162	100		
127	38.0	32.2	48.4
164	33.4	27.3	40.9





#47

2-Nitroaniline

Concen: 0.79 ng/mL

RT: 13.98 min Scan# 1896

Delta R.T. 0.03 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

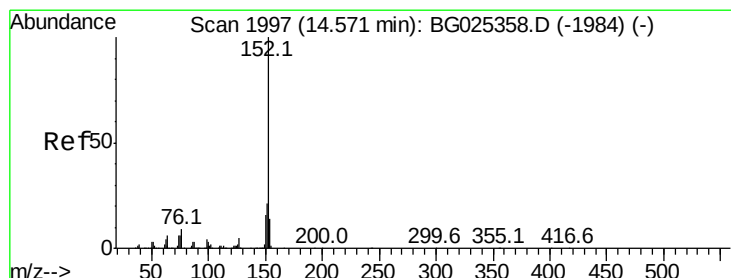
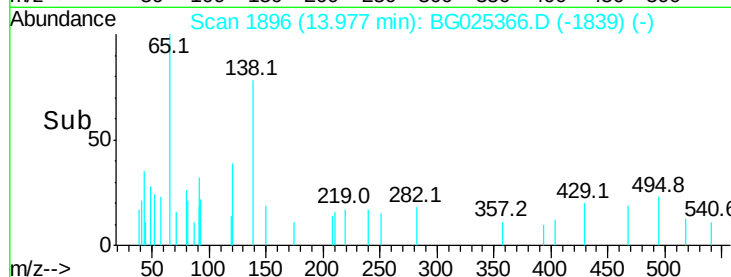
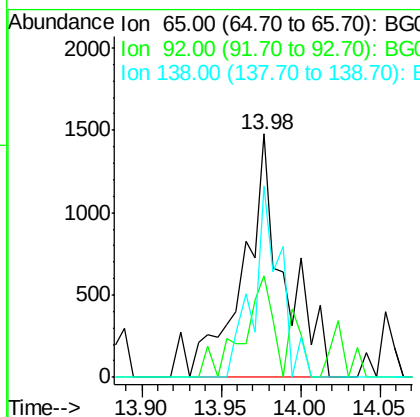
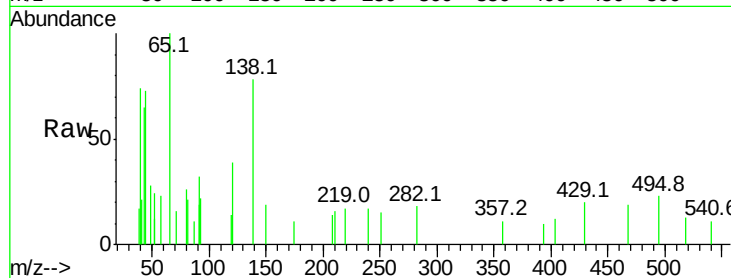
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	65	Resp:	2623
Ion Ratio	Lower	Upper	
65	100		
92	22.5	49.0	73.4#
138	78.3	58.6	87.8

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#48

Acenaphthylene

Concen: 0.79 ng/mL

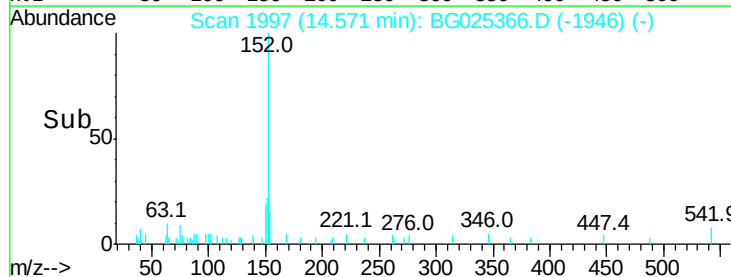
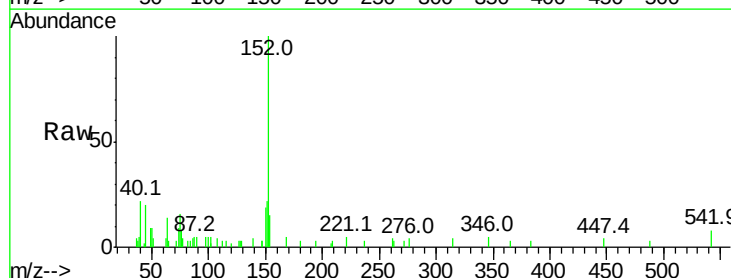
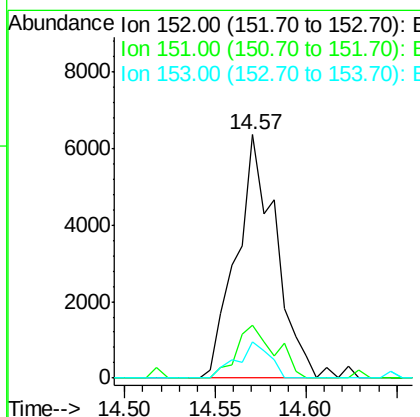
RT: 14.57 min Scan# 1997

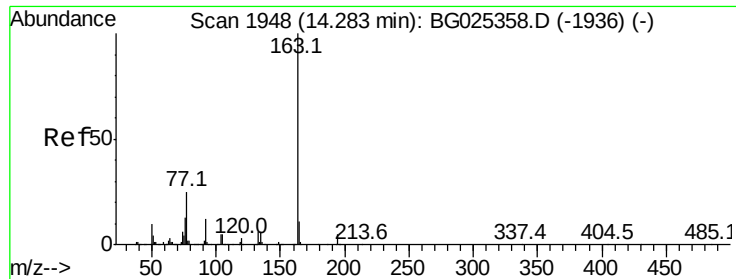
Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	152	Resp:	9651
Ion Ratio	Lower	Upper	
152	100		
151	21.7	18.2	27.2
153	15.0	11.3	16.9





#49

Dimethylphthalate

Concen: 0.83 ng

RT: 14.29 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

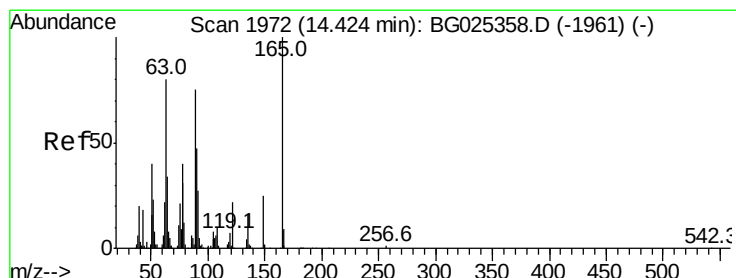
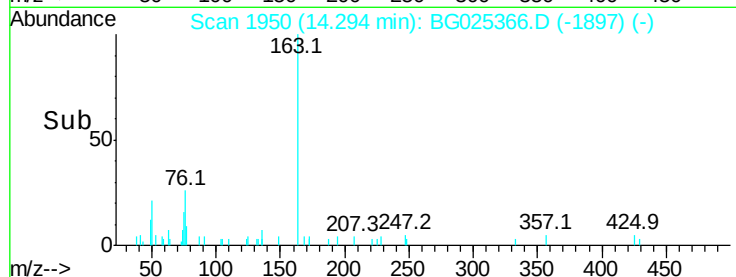
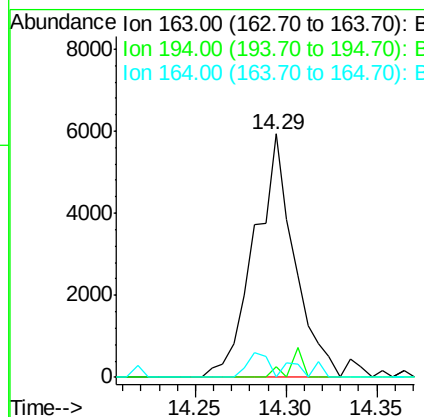
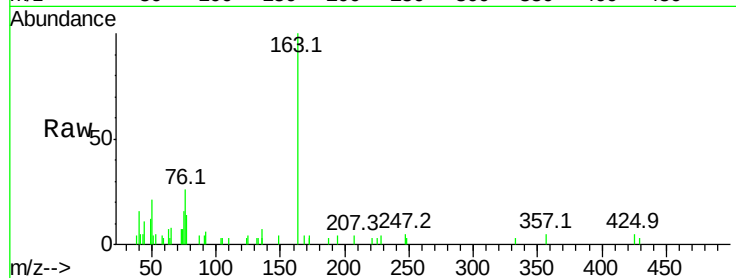
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	163	Resp:	9046
Ion Ratio	Lower	Upper	
163	100		
194	4.5	3.8	5.6
164	0.0	9.3	13.9#

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#50

2,6-Dinitrotoluene

Concen: 0.74 ng

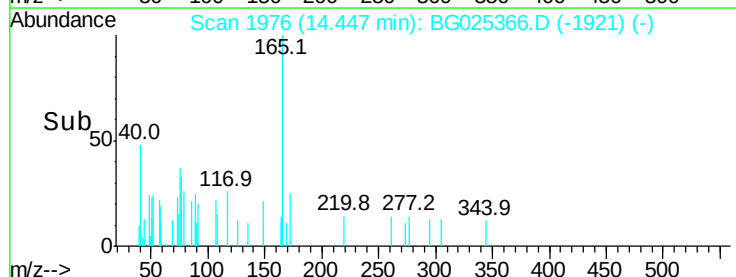
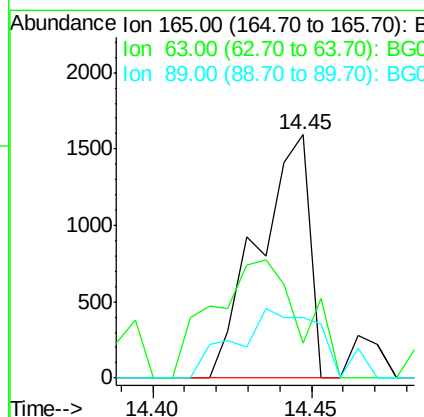
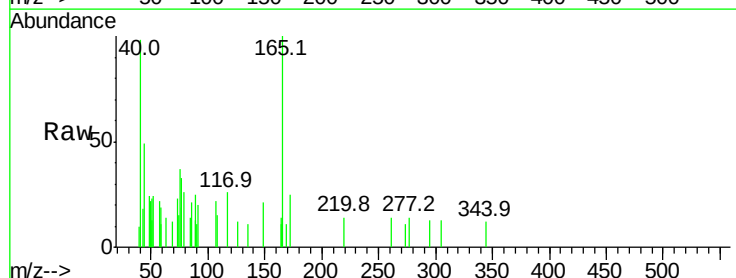
RT: 14.45 min Scan# 1976

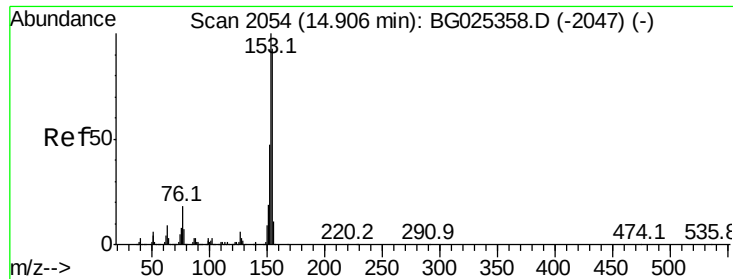
Delta R.T. 0.02 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	165	Resp:	1776
Ion Ratio	Lower	Upper	
165	100		
63	14.2	63.9	95.9#
89	25.1	58.6	88.0#





#51

Acenaphthene

Concen: 0.76 ng

RT: 14.91 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

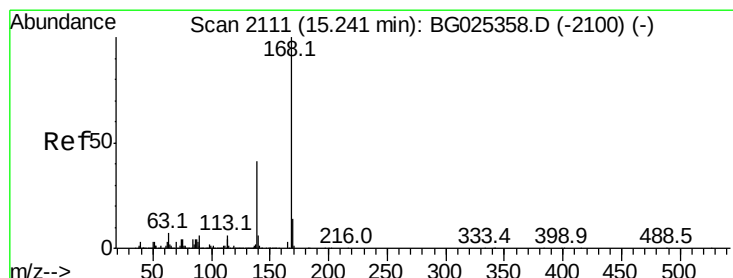
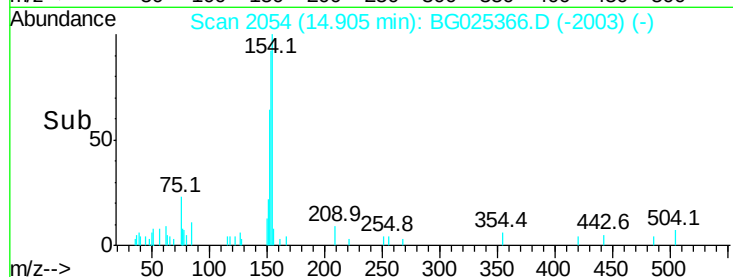
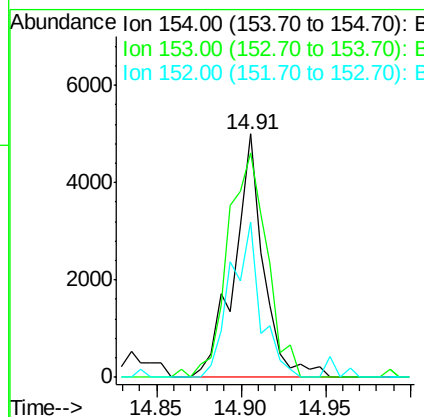
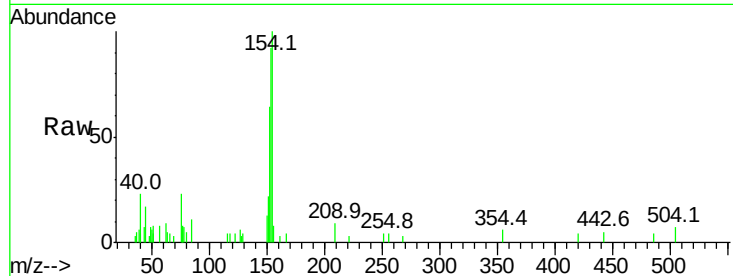
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
154	100		
153	92.0	87.8	131.6
152	63.7	42.2	63.4

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#54

Dibenzofuran

Concen: 0.87 ng

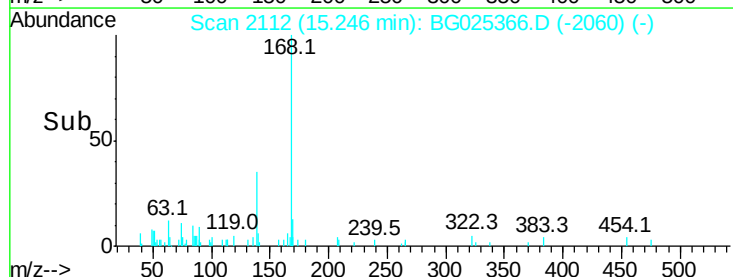
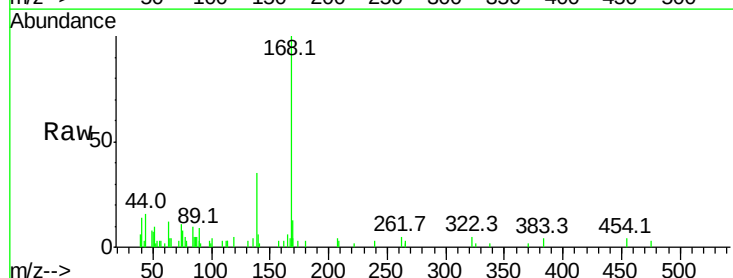
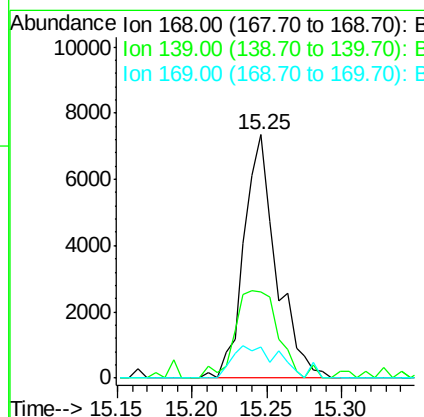
RT: 15.25 min Scan# 2112

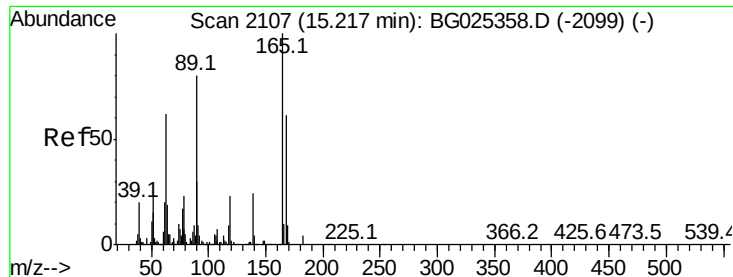
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.3	35.3	52.9
169	16.4	11.5	17.3





#56

2,4-Dinitrotoluene

Concen: 0.60 ng/mL

RT: 15.23 min Scan# 2110

Delta R.T. 0.02 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

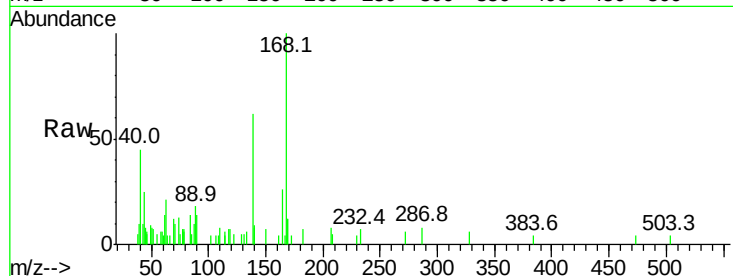
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
165	100		
63	79.4	44.0	66.0#
89	68.4	67.3	100.9
182	25.5	3.8	5.6#

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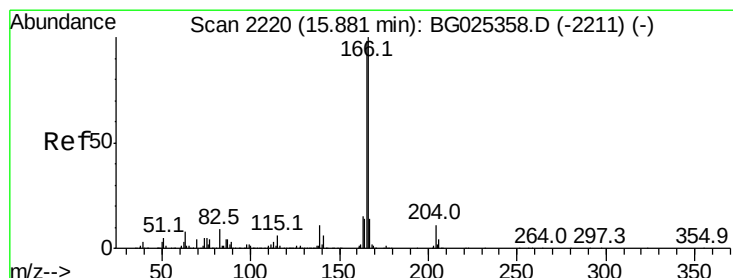
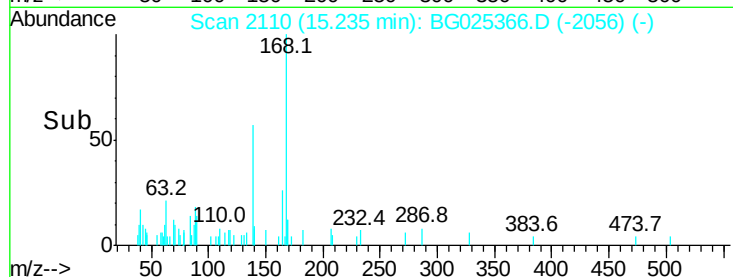
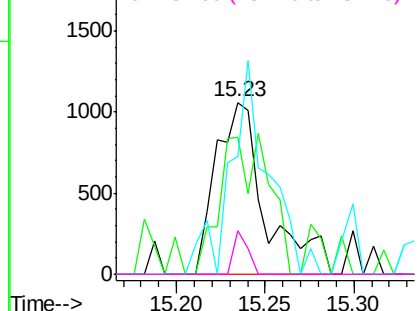


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#57

Fluorene

Concen: 0.87 ng/mL

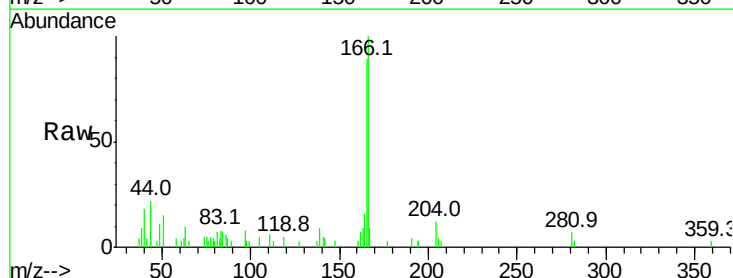
RT: 15.89 min Scan# 2221

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

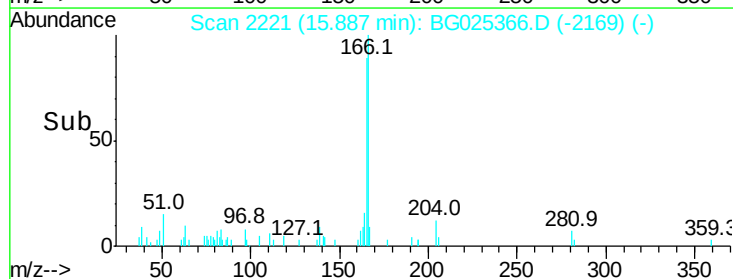
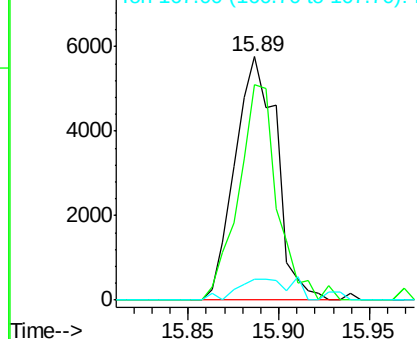
Tgt Ion	Ratio	Lower	Upper
166	100		
165	88.5	78.6	117.8
167	8.6	11.6	17.4#

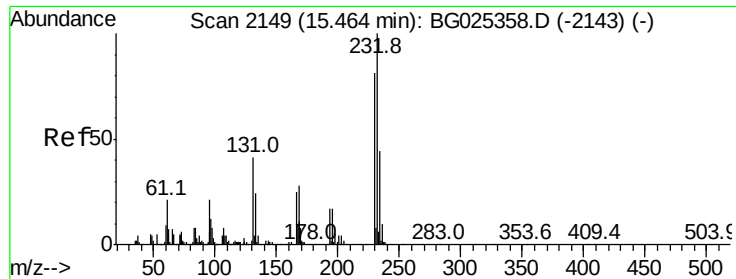


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 0.72 ng

RT: 15.49 min Scan# 2153

Delta R.T. 0.02 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

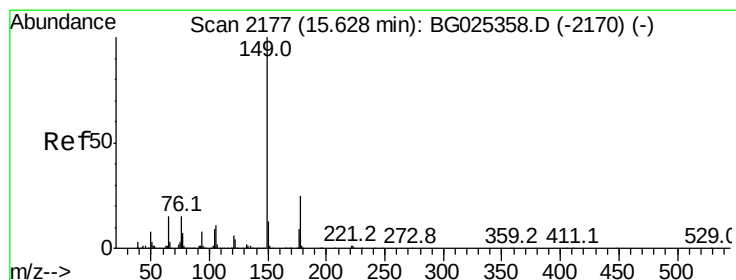
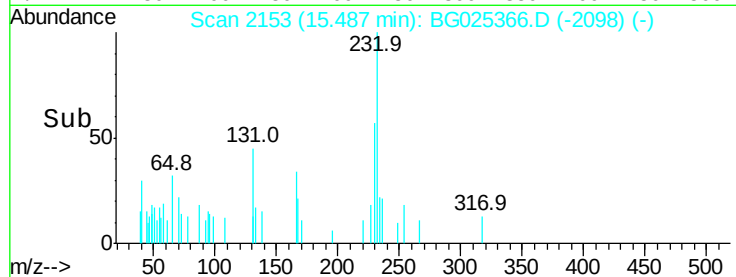
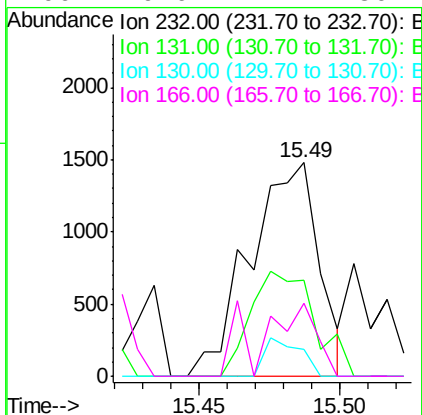
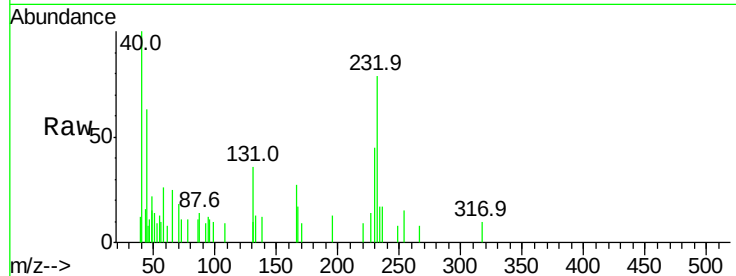
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.3	34.9	52.3
130	9.1	2.3	3.5#
166	20.6	24.2	36.4#

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#59

Diethylphthalate

Concen: 0.90 ng

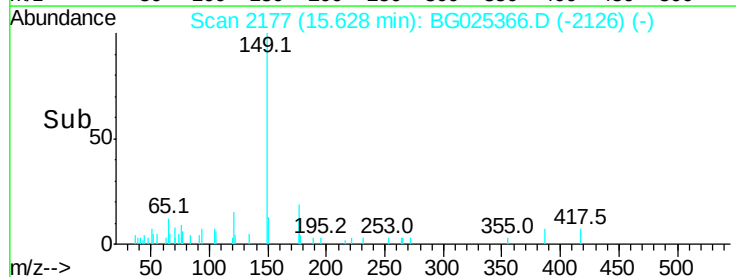
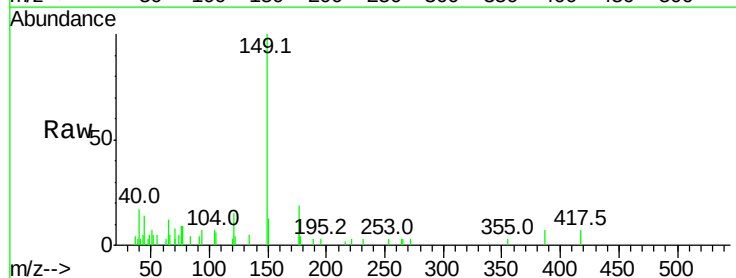
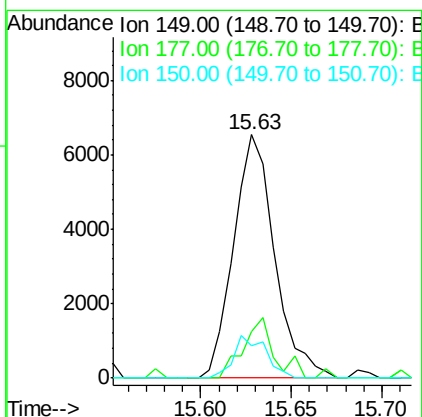
RT: 15.63 min Scan# 2177

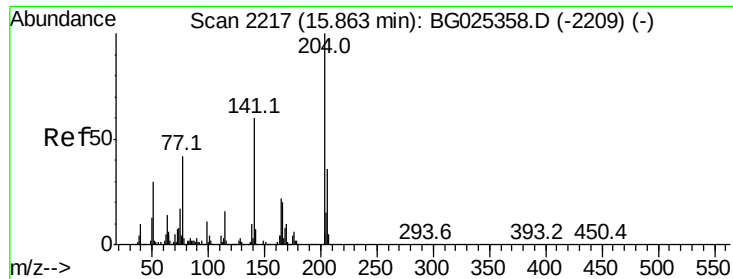
Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.9	20.1	30.1#
150	13.3	10.2	15.2





#60

4-Chlorophenyl-phenylether

Concen: 1.02 ng

RT: 15.86 min Scan# 2217

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

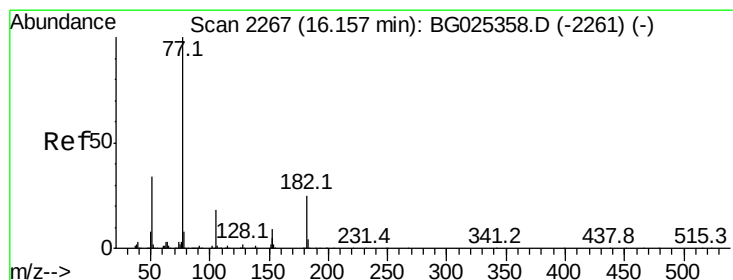
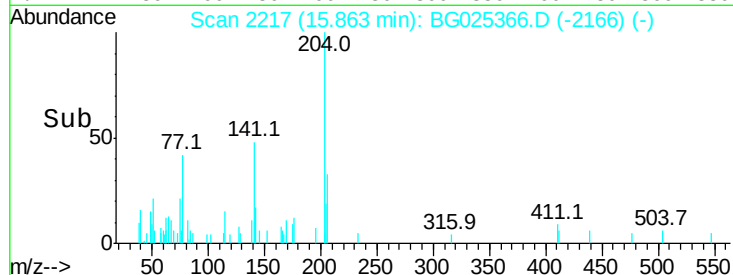
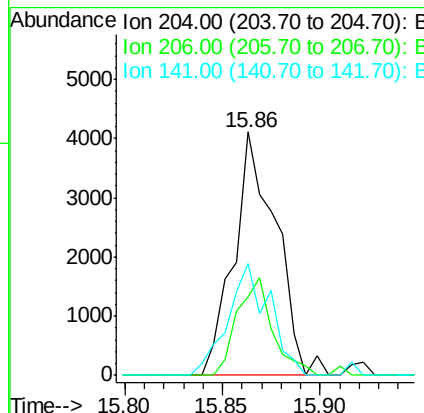
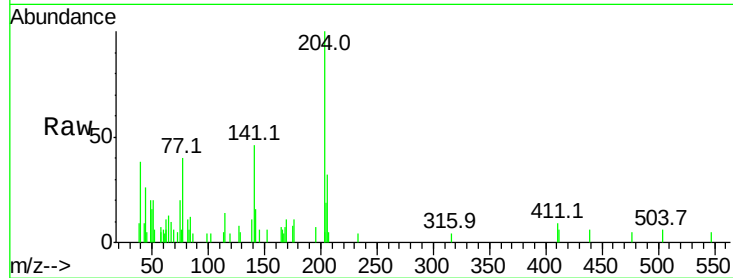
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	204	Resp:	6137
Ion	Ratio	Lower	Upper
204	100		
206	32.1	30.1	45.1
141	45.7	50.6	76.0#

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#62

Azobenzene

Concen: 0.78 ng

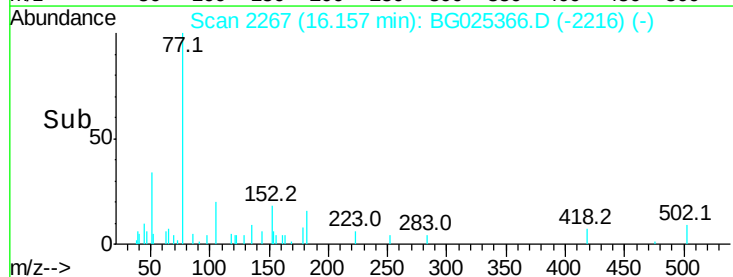
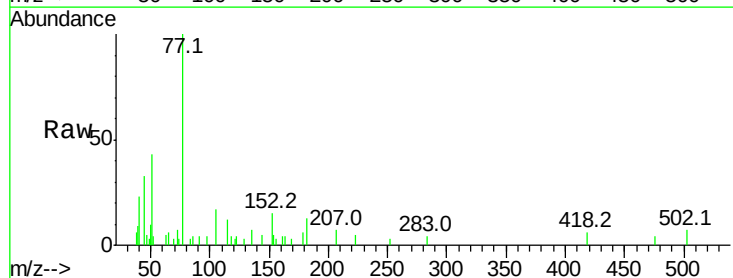
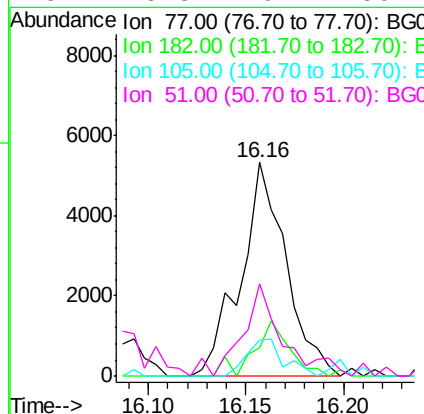
RT: 16.16 min Scan# 2267

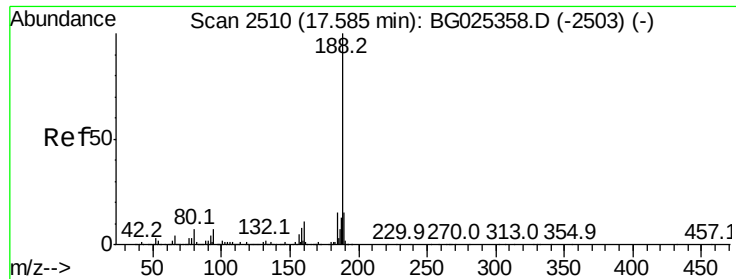
Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	77	Resp:	8583
Ion	Ratio	Lower	Upper
77	100		
182	13.4	4.7	44.7
105	16.7	0.0	36.3
51	43.3	16.4	56.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.58 min Scan# 2510

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

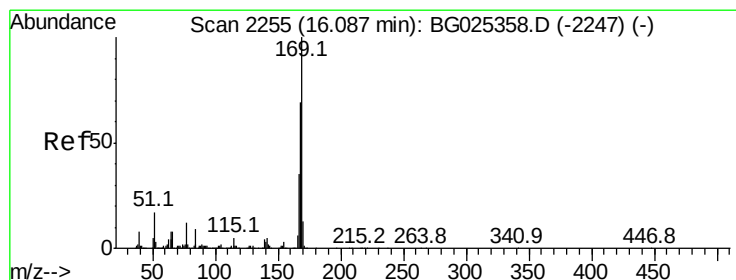
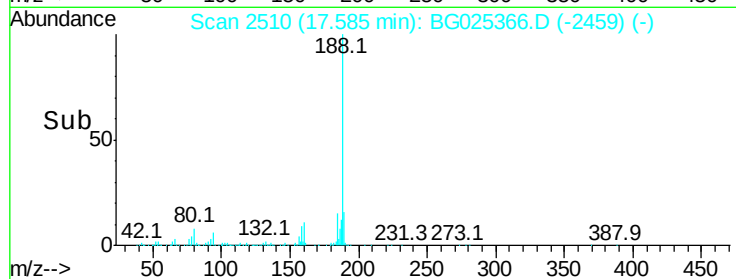
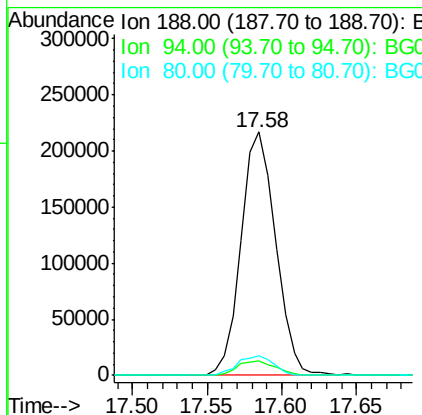
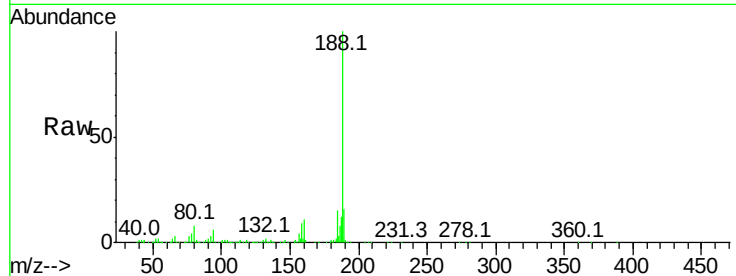
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	188	Resp:	348928
Ion Ratio	Lower	Upper	
188	100		
94	6.1	5.8	8.8
80	7.8	7.5	11.3

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#65

n-Nitrosodiphenylamine

Concen: 0.84 ng m

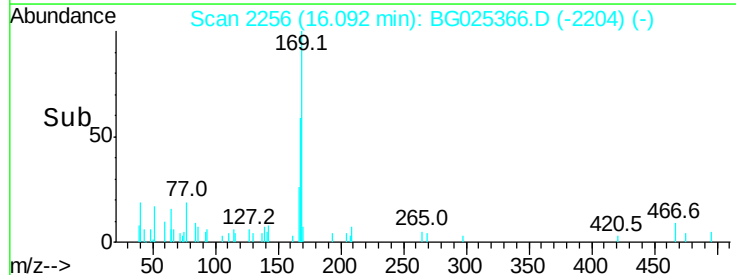
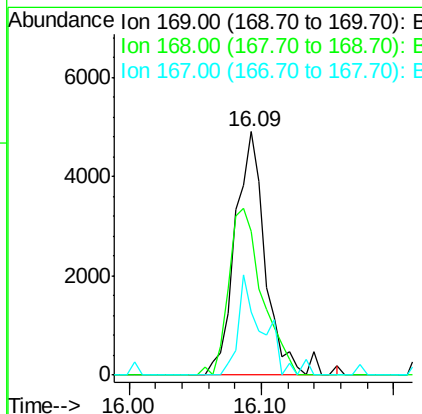
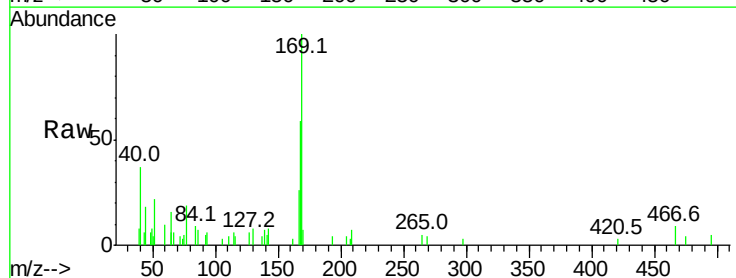
RT: 16.09 min Scan# 2256

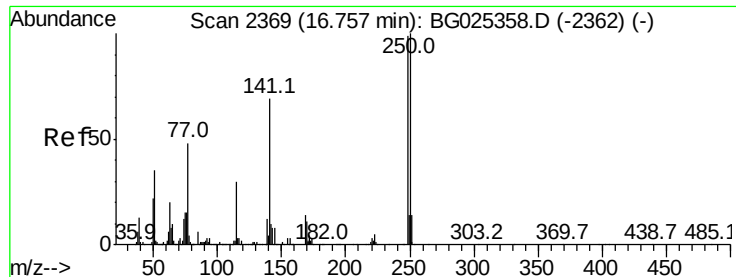
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	169	Resp:	7955
Ion Ratio	Lower	Upper	
169	100		
168	59.1	55.7	83.5
167	25.7	29.8	44.6#





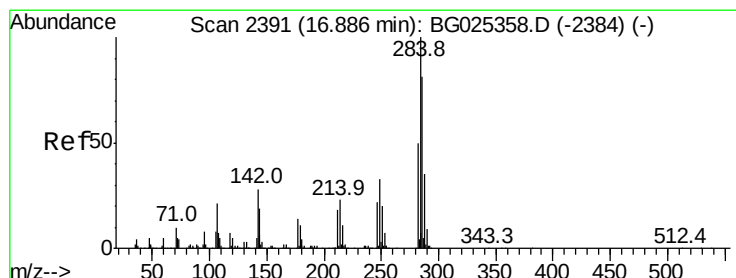
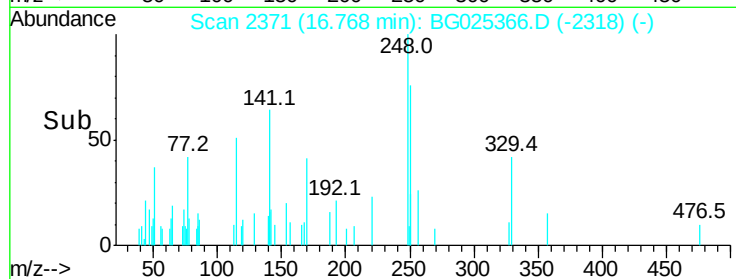
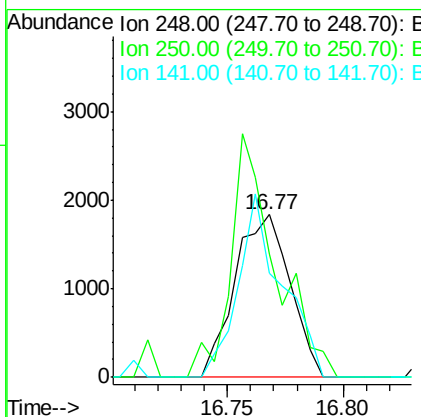
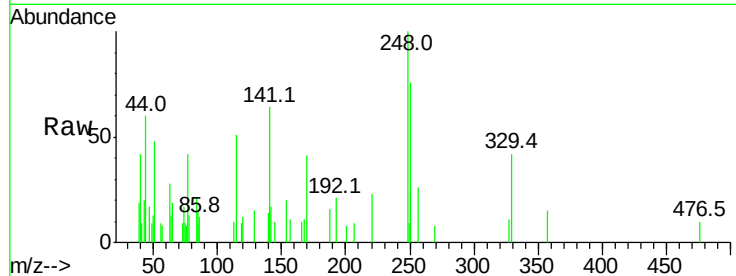
#66
4-Bromophenyl-phenylether
Concen: 0.71 ng
RT: 16.77 min Scan# 2371
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
248	100		
250	75.8	75.0	112.6
141	63.6	55.2	82.8

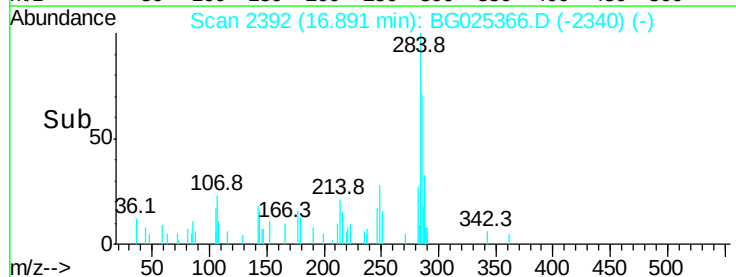
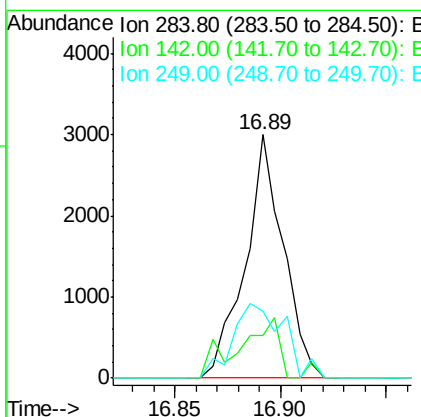
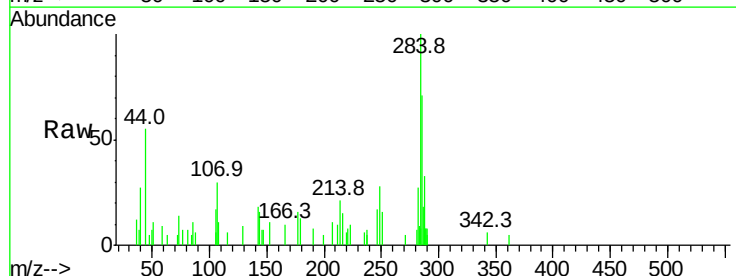
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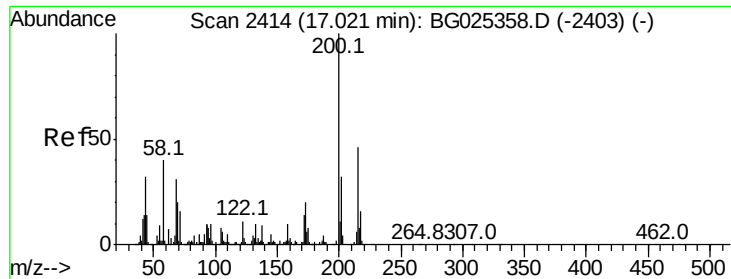
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#67
Hexachlorobenzene
Concen: 0.76 ng
RT: 16.89 min Scan# 2392
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	17.6	29.9	44.9#
249	27.7	29.2	43.8#





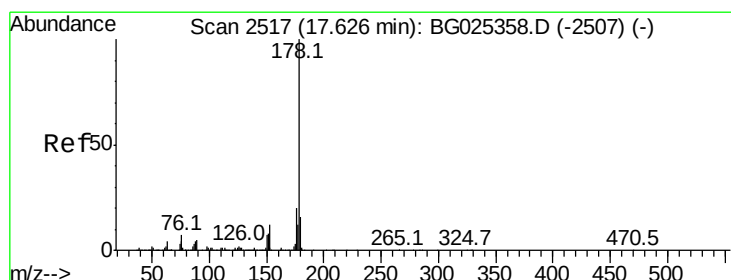
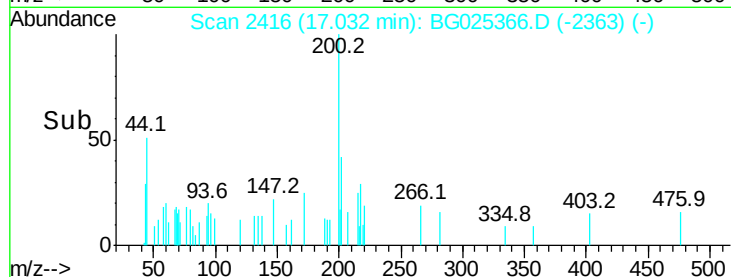
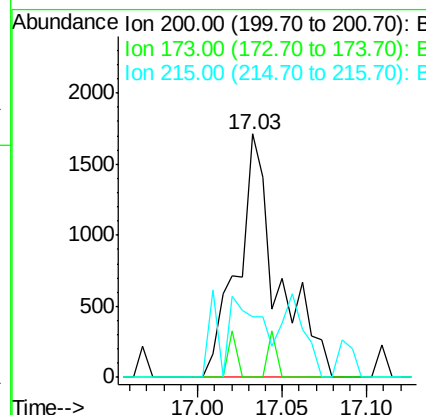
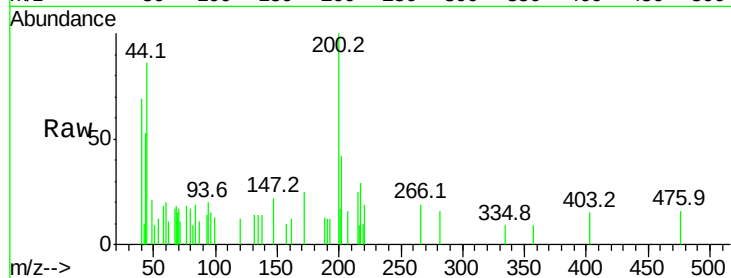
#68
Atrazine
Concen: 0.69 ng
RT: 17.03 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
200	100		
173	0.0	3.0	43.0#
215	24.9	28.4	68.4#

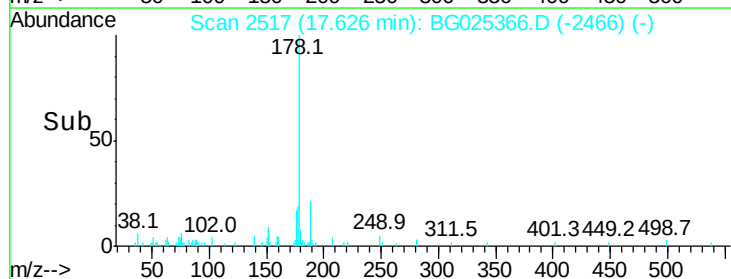
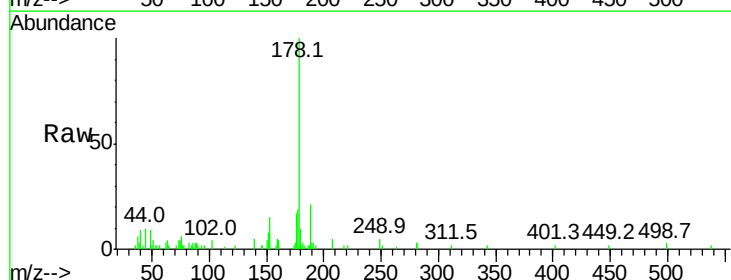
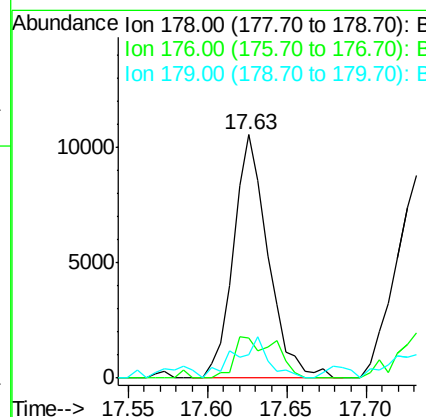
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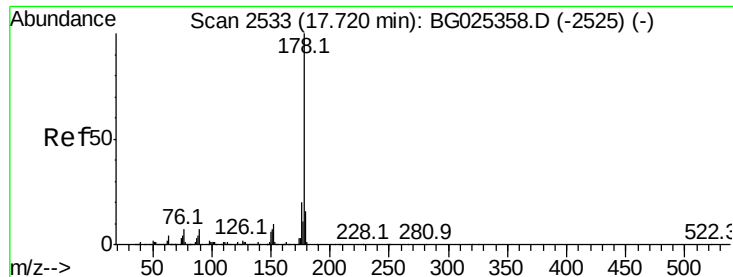
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#70
Phenanthrene
Concen: 0.88 ng
RT: 17.63 min Scan# 2517
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.6	17.7	26.5#
179	9.6	15.0	22.6#





#71

Anthracene

Concen: 0.86 ng

RT: 17.73 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

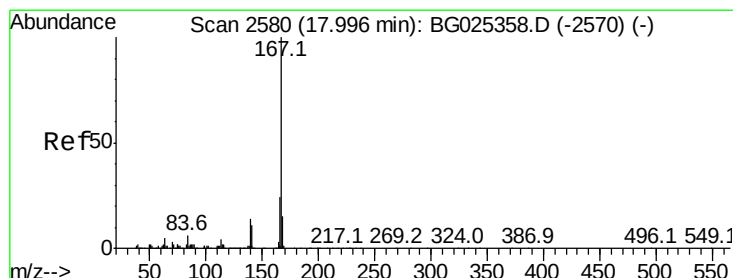
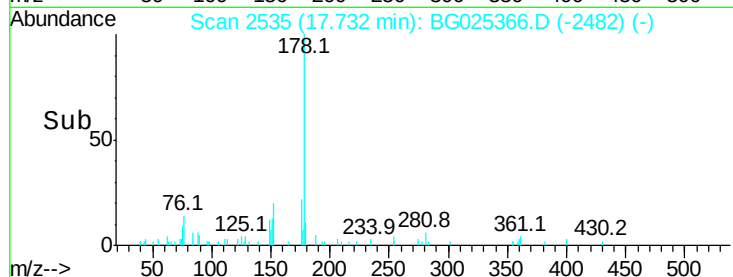
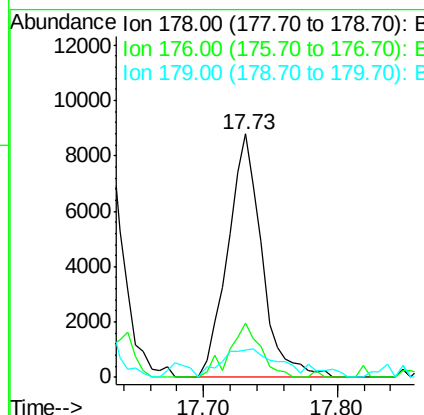
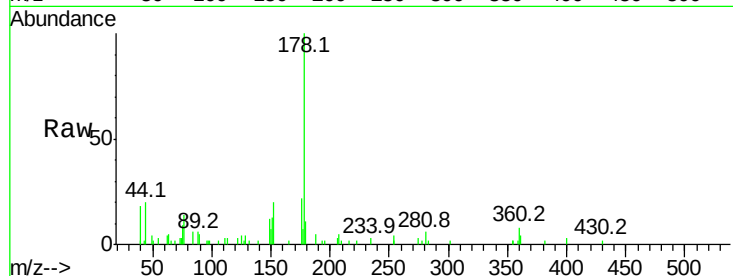
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:178	Resp:	15631
Ion Ratio	Lower	Upper
178 100		
176 22.1	16.4	24.6
179 11.4	13.8	20.8

Manual Integrations
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#72

Carbazole

Concen: 0.85 ng

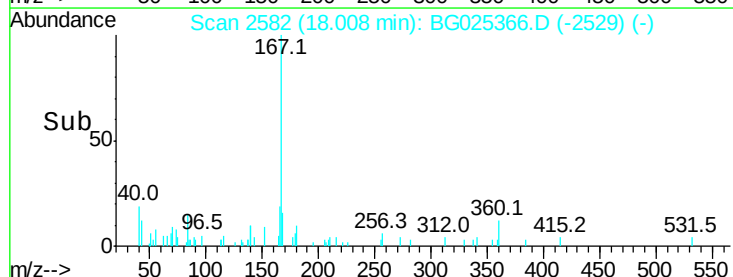
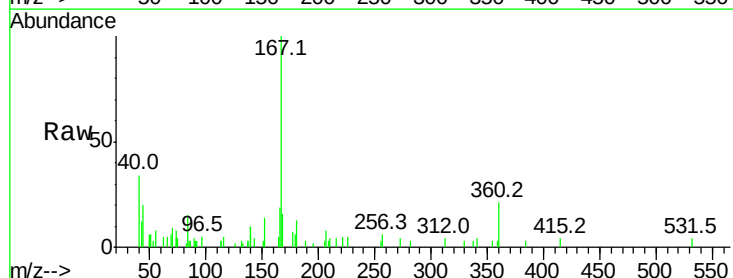
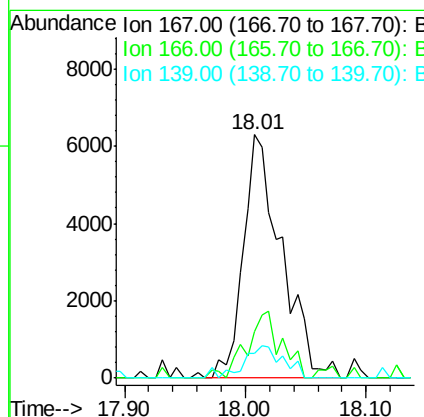
RT: 18.01 min Scan# 2582

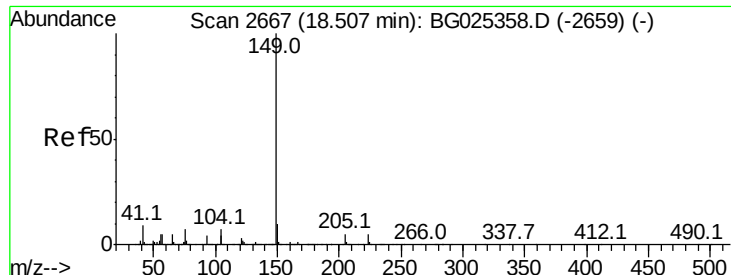
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:167	Resp:	13865
Ion Ratio	Lower	Upper
167 100		
166 18.9	20.2	30.2
139 10.0	12.8	19.2





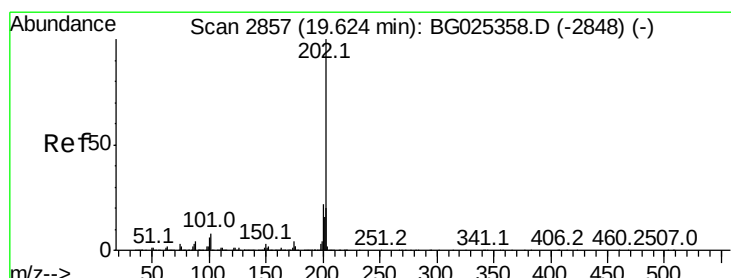
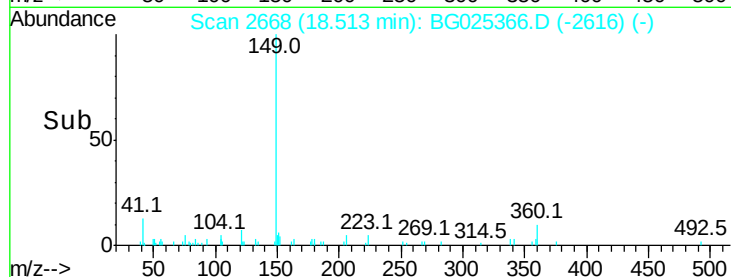
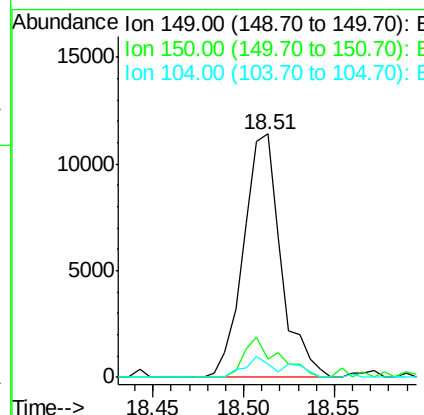
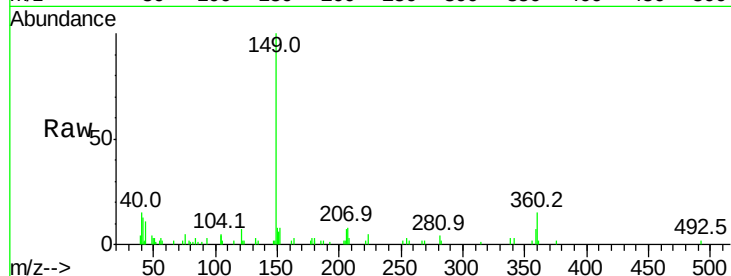
#73
Di-n-butylphthalate
Concen: 0.81 ng
RT: 18.51 min Scan# 2668
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Resp Lower	Upper
149	100		
150	7.5	9.1	13.7#
104	5.3	6.7	10.1#

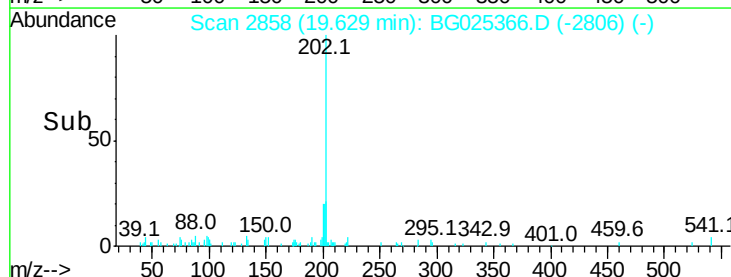
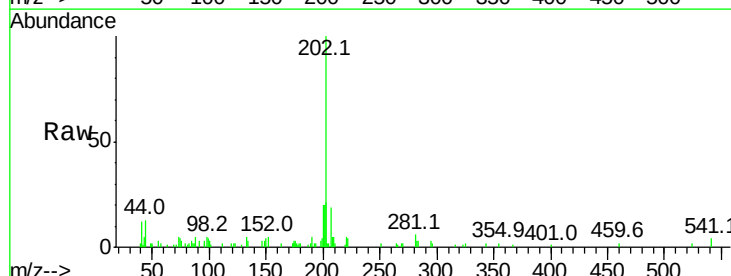
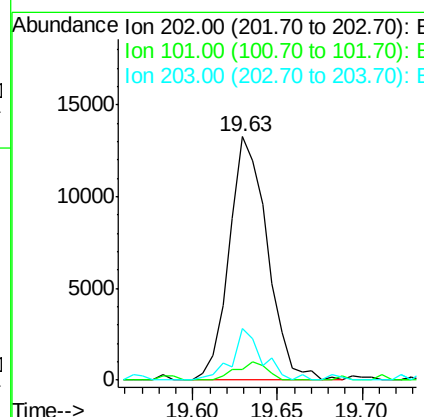
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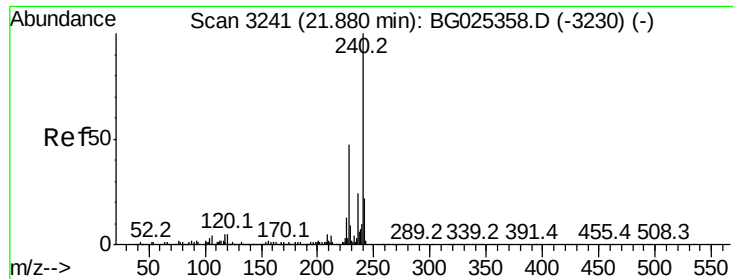
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#74
Fluoranthene
Concen: 0.88 ng
RT: 19.63 min Scan# 2858
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	4.4	0.0	30.1
203	21.3	1.3	41.3





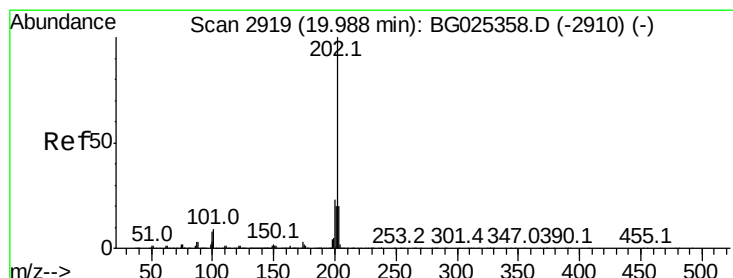
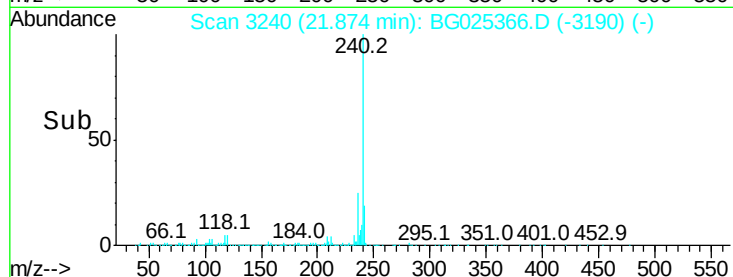
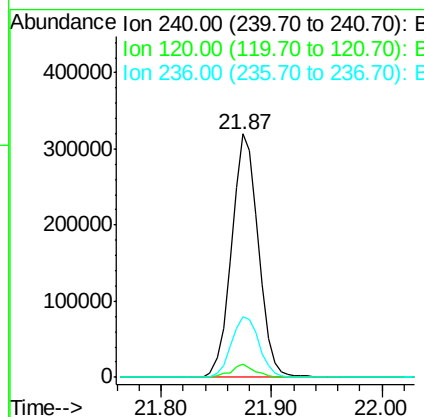
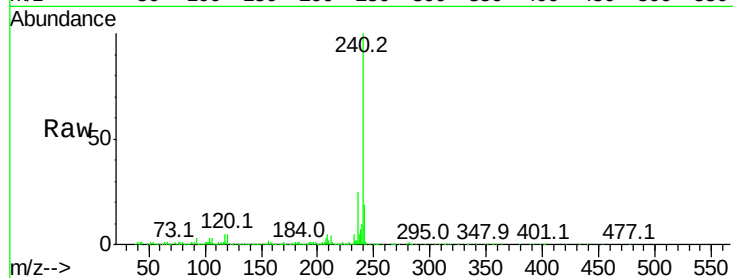
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
240	100		
120	5.3	5.7	8.5#
236	24.9	22.2	33.4

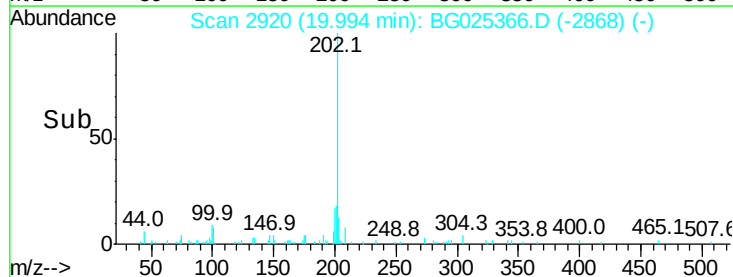
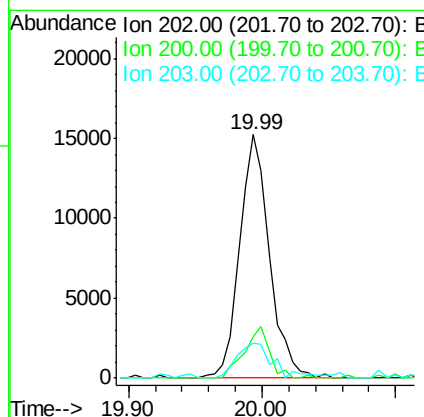
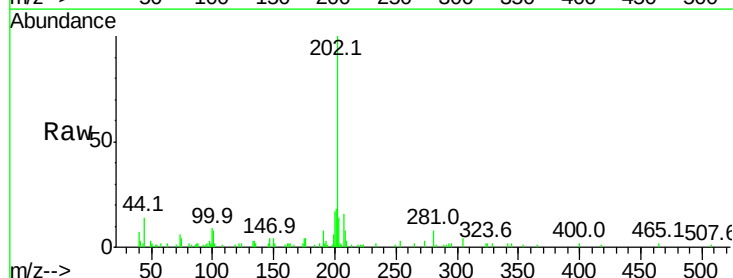
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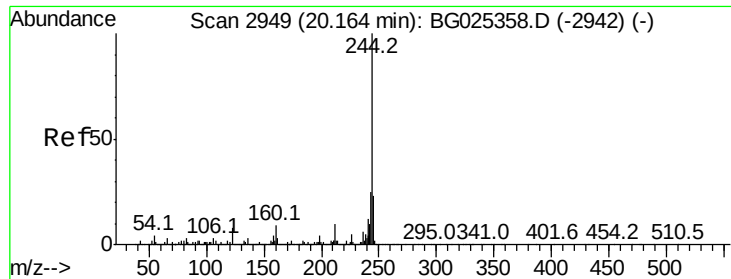
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#77
Pyrene
Concen: 0.82 ng
RT: 19.99 min Scan# 2920
Delta R.T. 0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	17.1	19.6	29.4#
203	14.3	15.8	23.8#





#78

Terphenyl-d14

Concen: 80.59 ng

RT: 20.16 min Scan# 2949

Delta R.T. -0.00 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

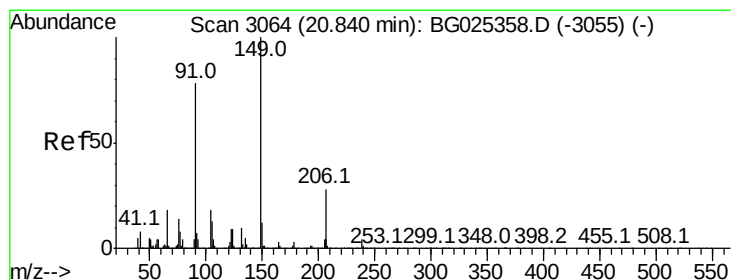
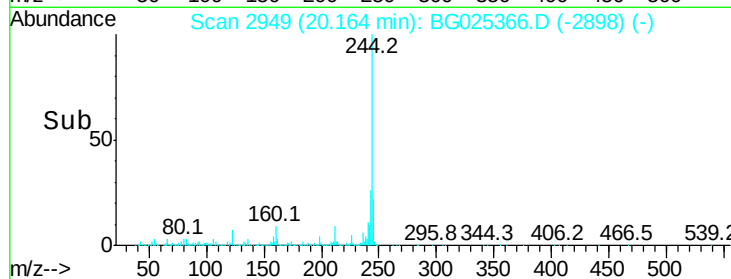
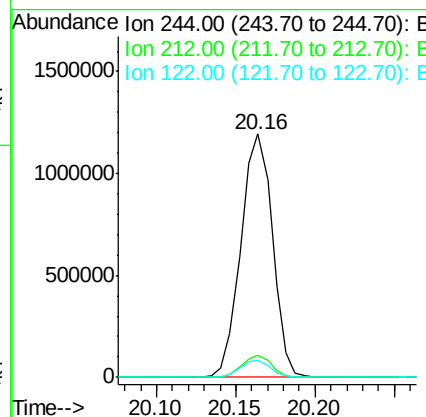
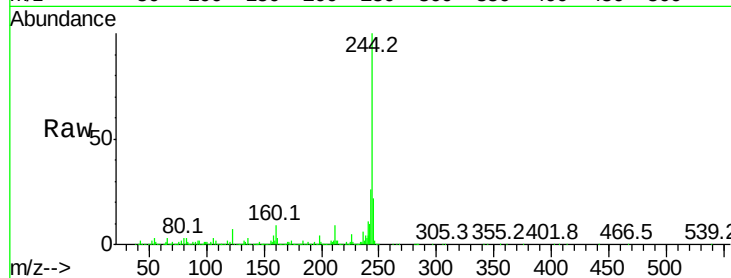
Instrument :
BNA_G

ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.2	10.0	15.0#
122	7.3	8.6	12.8#

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#79

Butylbenzylphthalate

Concen: 0.90 ng

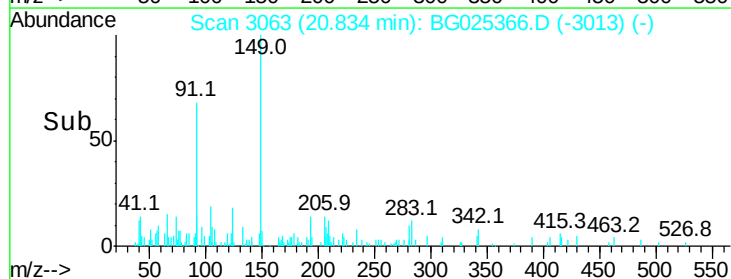
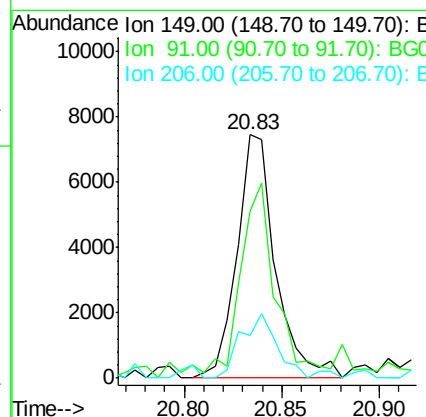
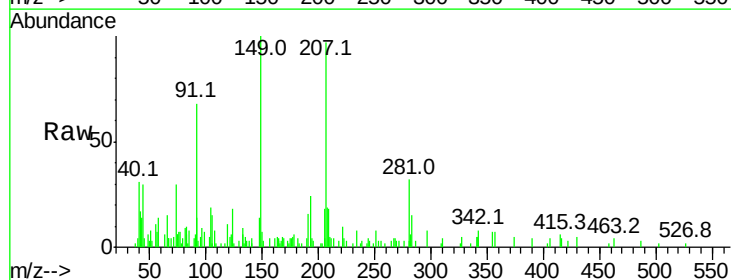
RT: 20.83 min Scan# 3063

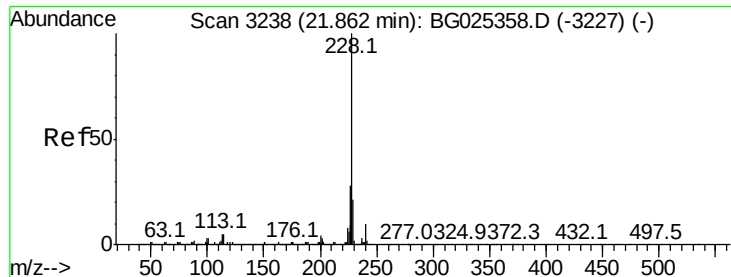
Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	63.5	95.3
206	17.7	21.0	31.6#





#80

Benzo(a)anthracene

Concen: 0.93 ng

RT: 21.86 min Scan# 3237

Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

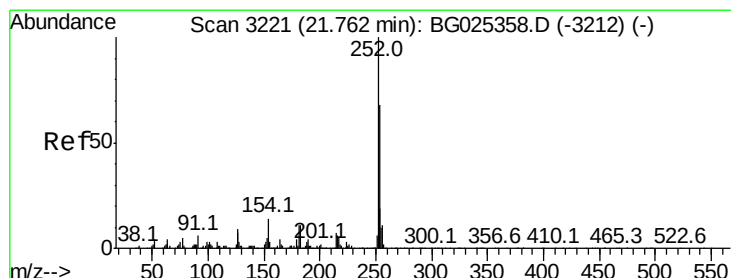
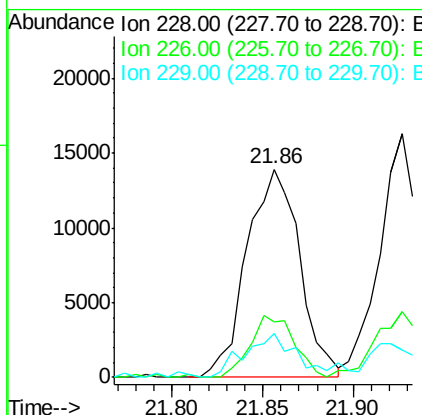
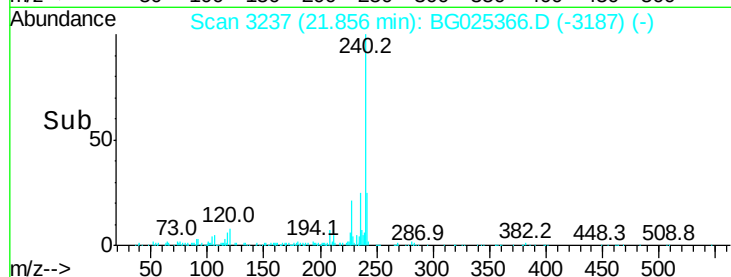
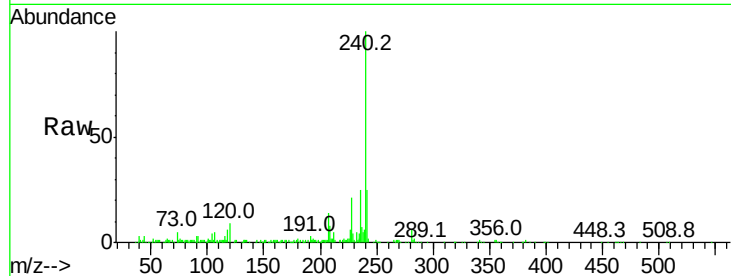
Instrument :
BNA_G

ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	24.9	37.3
229	20.8	18.2	27.2

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#81

3,3'-Dichlorobenzidine

Concen: 0.74 ng

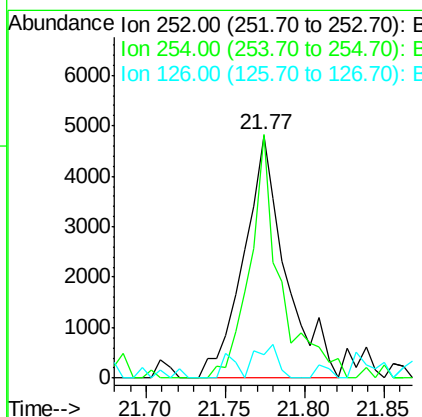
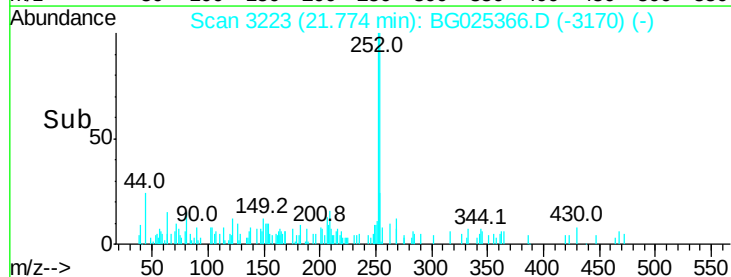
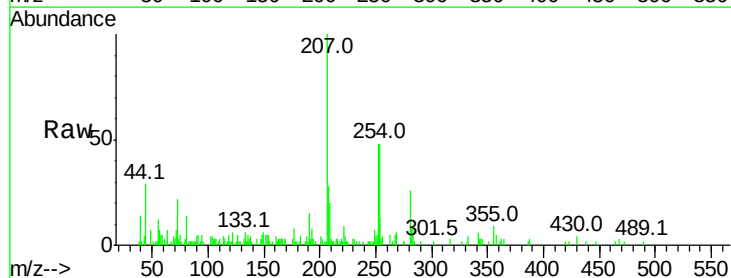
RT: 21.77 min Scan# 3223

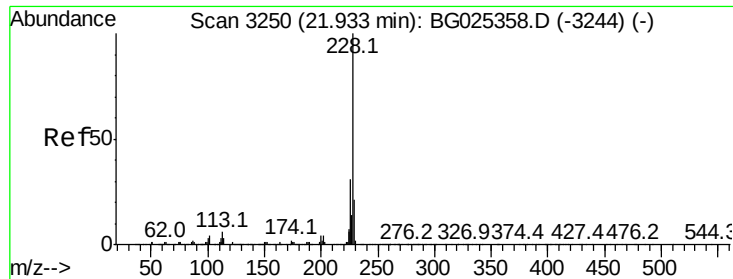
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
252	100		
254	100.3	53.1	79.7#
126	9.8	7.0	10.4





#82

Chrysene

Concen: 0.94 ng

RT: 21.93 min Scan# 3249

Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

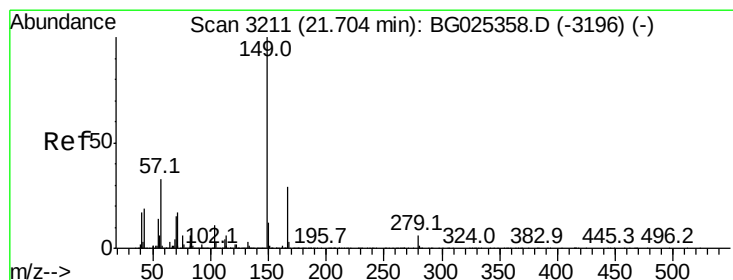
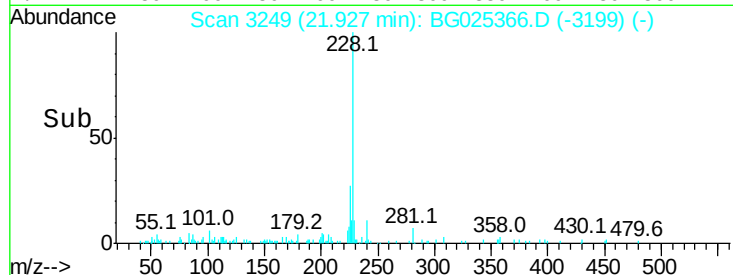
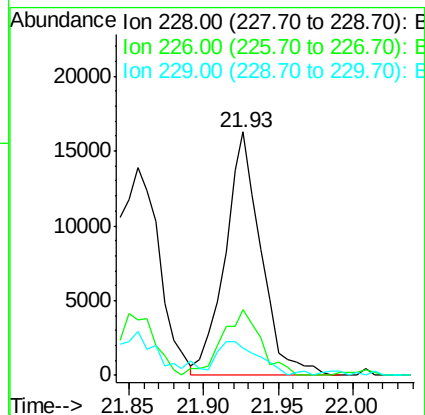
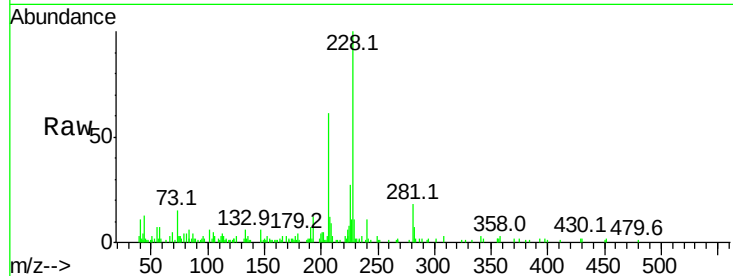
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	228	Resp:	27324
Ion Ratio	Lower	Upper	
228	100		
226	27.0	27.0	40.4
229	11.3	17.8	26.6#

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#83

Bis(2-ethylhexyl)phthalate

Concen: 0.91 ng

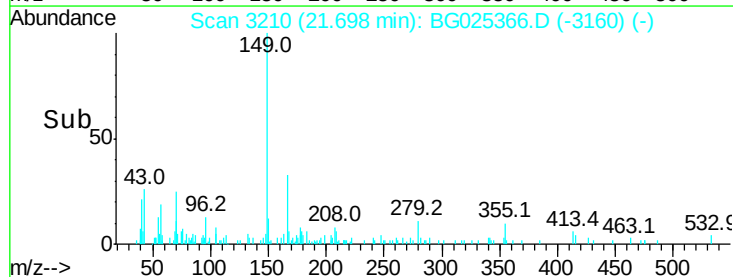
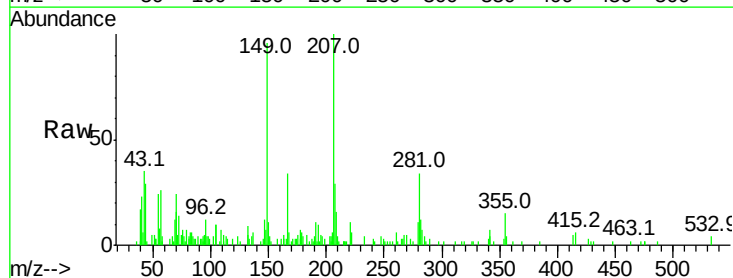
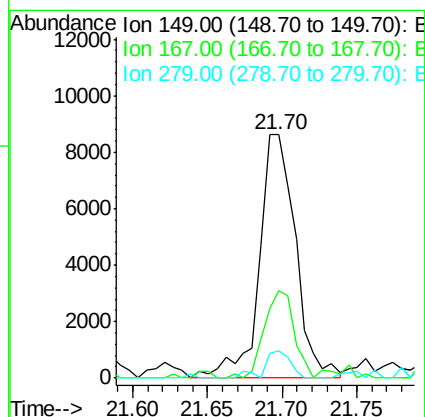
RT: 21.70 min Scan# 3210

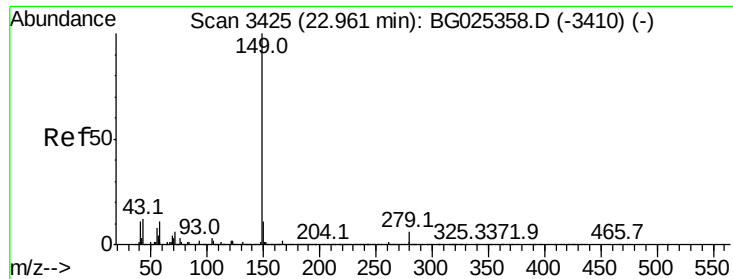
Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	149	Resp:	14514
Ion Ratio	Lower	Upper	
149	100		
167	35.9	23.7	35.5#
279	11.0	4.6	6.8#





#84

Di-n-octyl phthalate

Concen: 0.97 ng

RT: 22.95 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Instrument :

BNA_G

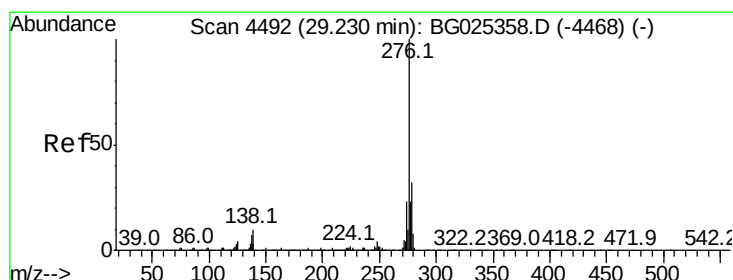
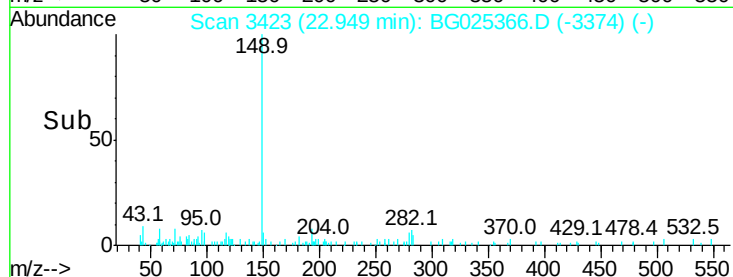
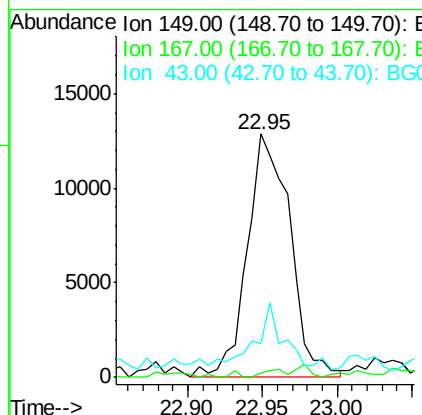
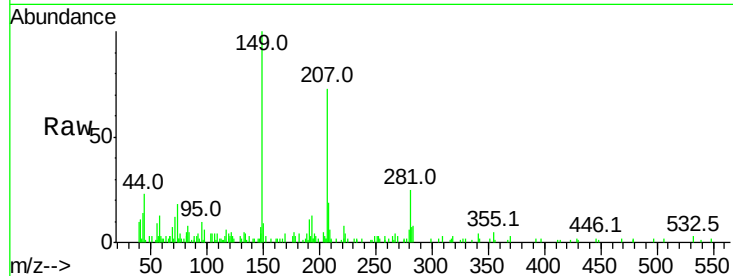
ClientSampleId :

LOD-WATER-05-QT1-2017

Tot Ion:	149	Resp:	25499
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.2
43	15.1	11.8	17.6

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#85

Indeno(1,2,3-cd)pyrene

Concen: 0.79 ng m

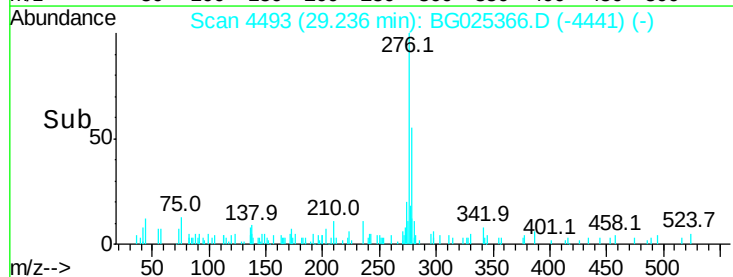
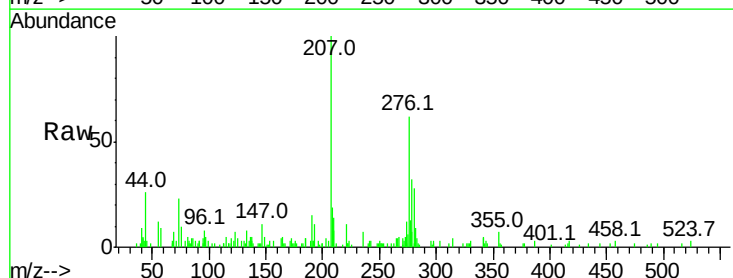
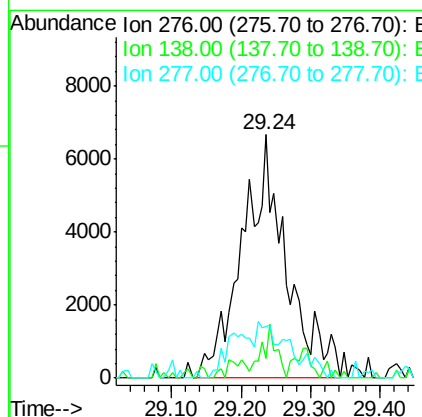
RT: 29.24 min Scan# 4493

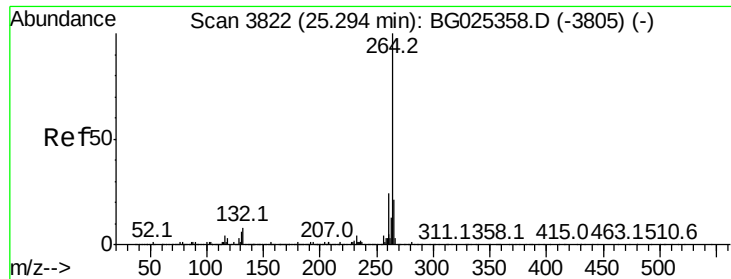
Delta R.T. 0.01 min

Lab File: BG025366.D

Acq: 21 Dec 2016 20:44

Tgt Ion:	276	Resp:	29145
Ion Ratio	Lower	Upper	
276	100		
138	7.0	4.7	7.1
277	3.1	20.6	31.0#





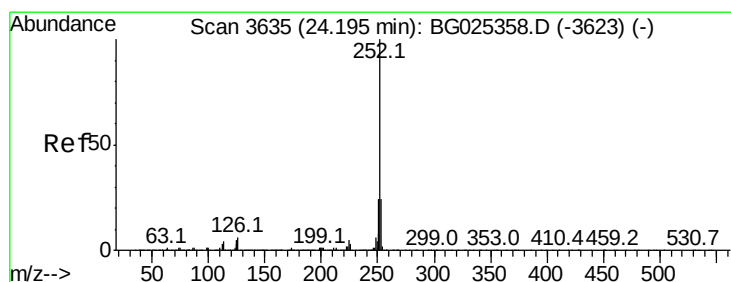
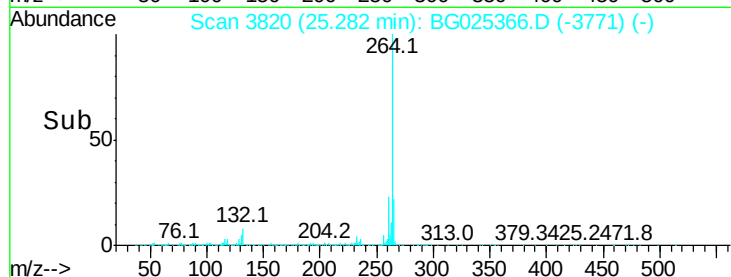
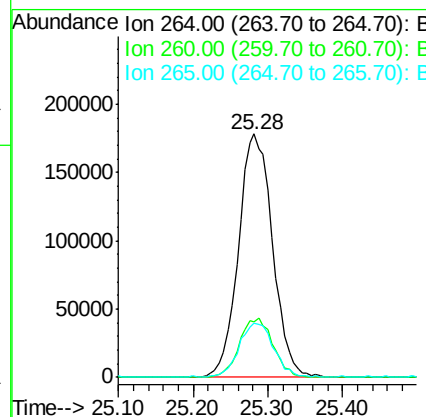
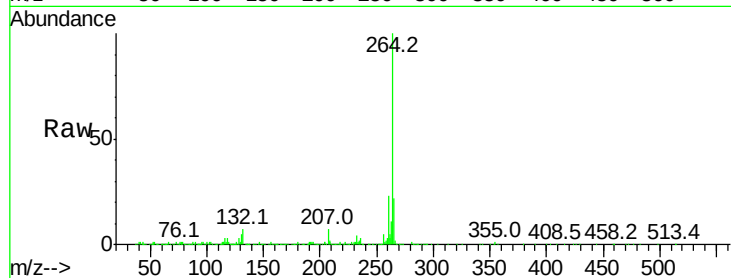
#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.28 min Scan# 3820
Delta R.T. -0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion:	264	Resp:	562803
Ion Ratio	Lower	Upper	
264	100		
260	22.6	21.8	32.8
265	22.3	18.2	27.4

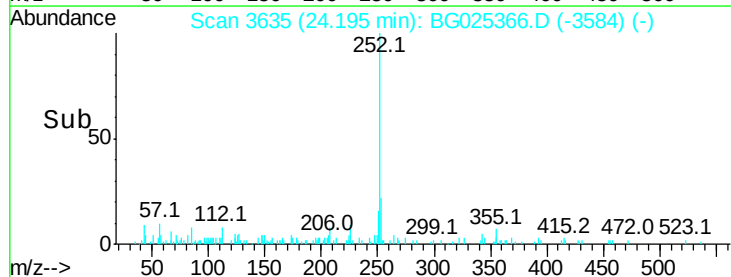
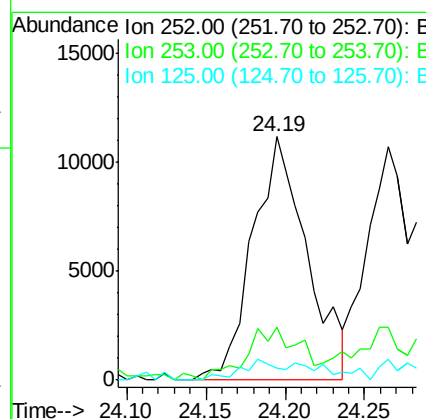
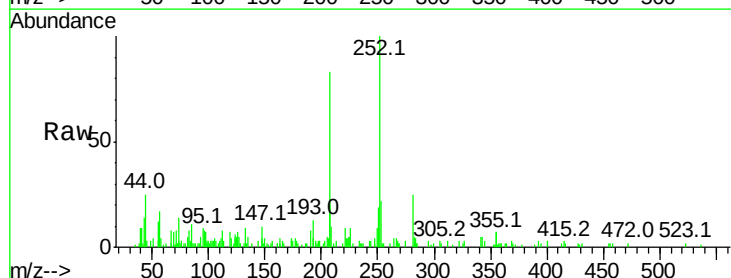
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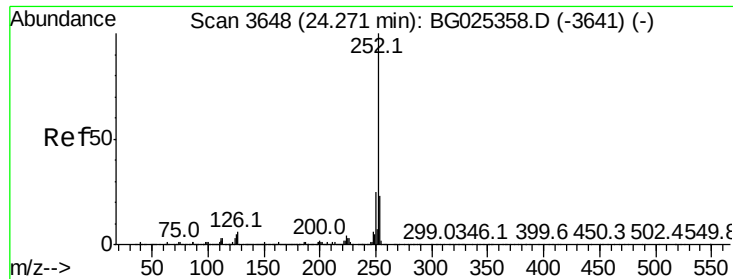
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#87
Benzo(b)fluoranthene
Concen: 0.87 ng
RT: 24.19 min Scan# 3635
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion:	252	Resp:	26600
Ion Ratio	Lower	Upper	
252	100		
253	21.9	18.7	28.1
125	4.9	5.3	7.9#





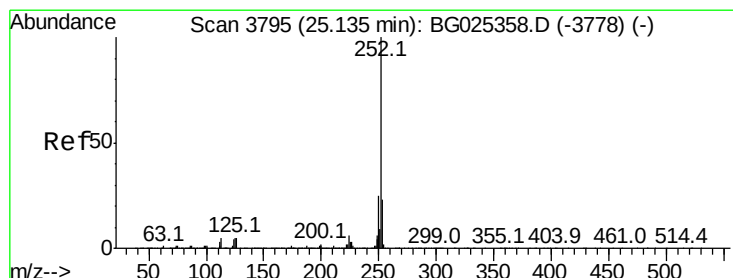
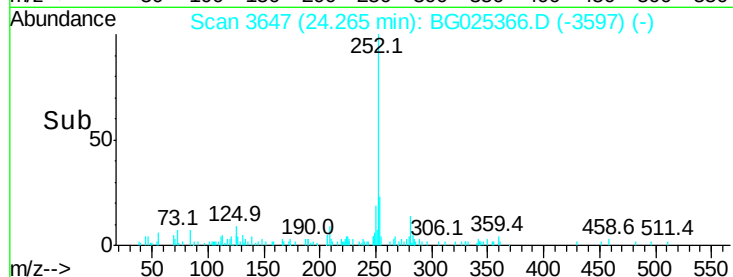
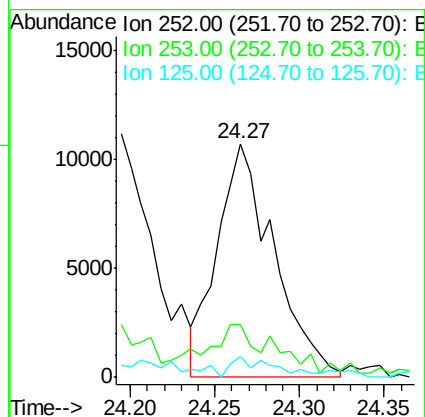
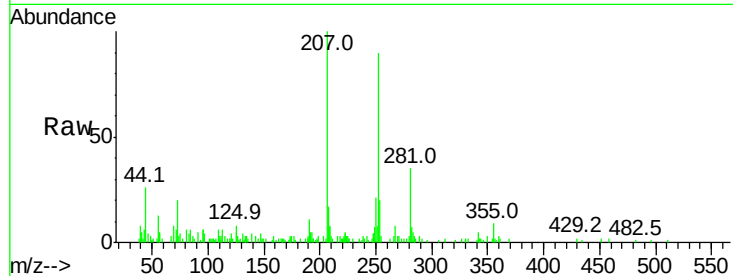
#88
Benzo(k)fluoranthene
Concen: 0.84 ng
RT: 24.27 min Scan# 3647
Delta R.T. -0.01 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Instrument :
BNA_G
ClientSampleId :
LOD-WATER-05-QT1-2017

Tot Ion:	252	Resp:	24859
Ion Ratio	Lower	Upper	
252	100		
253	22.6	20.2	30.2
125	9.1	5.1	7.7#

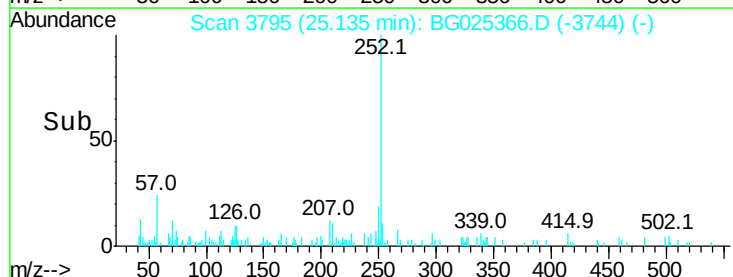
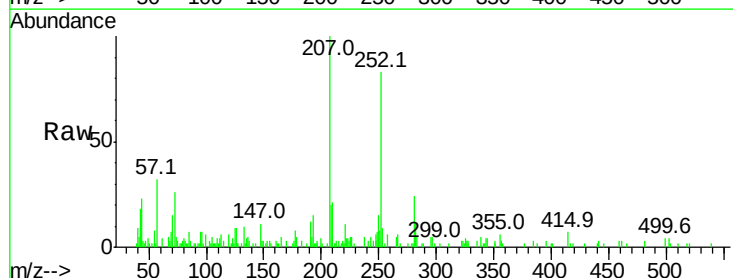
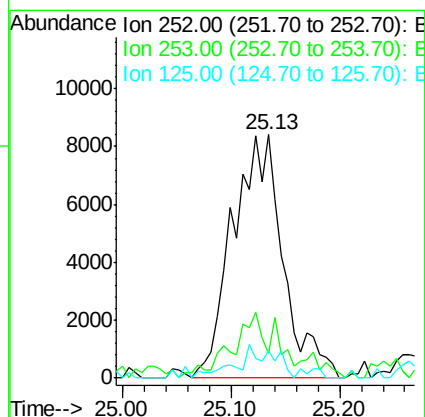
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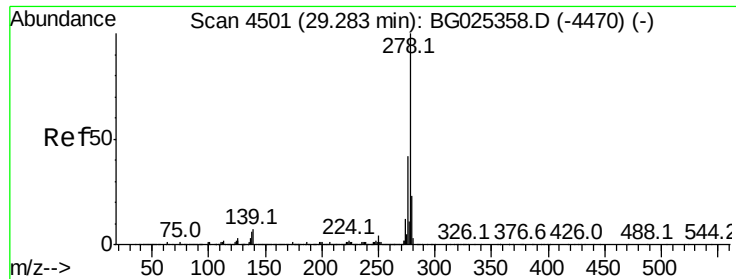
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#89
Benzo(a)pyrene
Concen: 0.91 ng m
RT: 25.13 min Scan# 3795
Delta R.T. -0.00 min
Lab File: BG025366.D
Acq: 21 Dec 2016 20:44

Tgt Ion:	252	Resp:	27025
Ion Ratio	Lower	Upper	
252	100		
253	10.3	19.2	28.8#
125	11.4	5.4	8.0#





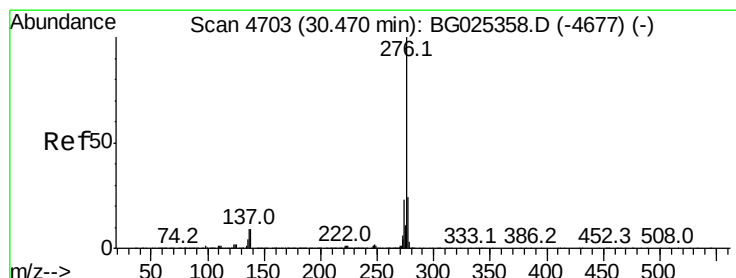
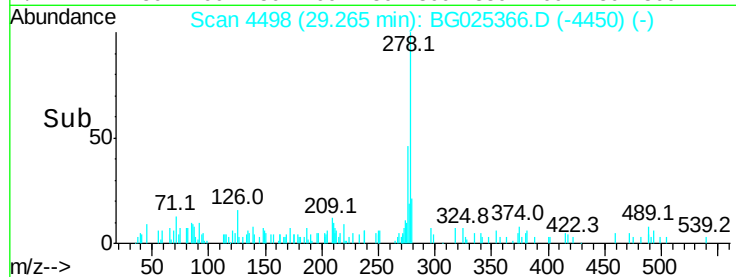
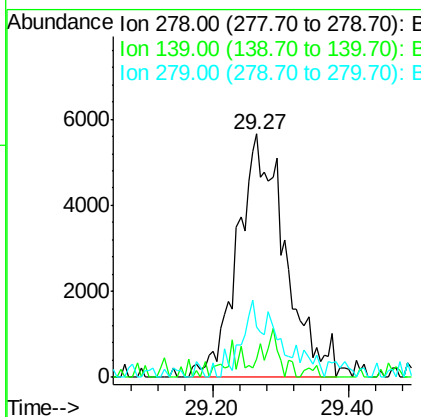
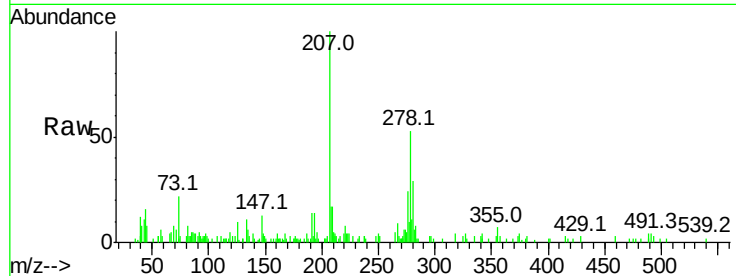
#90
 Dibenzo(a,h)anthracene
 Concen: 0.87 ng m
 RT: 29.27 min Scan# 4498
 Delta R.T. -0.02 min
 Lab File: BG025366.D
 Acq: 21 Dec 2016 20:44

Instrument :
 BNA_G
 ClientSampleId :
 LOD-WATER-05-QT1-2017

Tot Ion	Ratio	Lower	Upper
278	100		
139	7.4	7.7	11.5#
279	20.6	19.1	28.7

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#91
 Benzo(g,h,i)perylene
 Concen: 0.77 ng m
 RT: 30.48 min Scan# 4705
 Delta R.T. 0.01 min
 Lab File: BG025366.D
 Acq: 21 Dec 2016 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	16.9	18.6	27.8#
138	15.5	8.1	12.1#

