

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045971.D
 Acq On : 7 Jul 2020 22:43
 Operator : CG/JU
 Sample : L3216-08
 Misc : LOD-WTR-10PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 08 04:17:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 04:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	136106	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	548705	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	328965	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	666134	20.00	ng	0.00
76) Chrysene-d12	21.63	240	614213	20.00	ng	0.00
86) Perylene-d12	24.78	264	616807	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1356289	161.60	ng	0.00
7) Phenol-d6	7.16	99	1897255	157.01	ng	0.00
23) Nitrobenzene-d5	9.16	82	1507180	158.10	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	538587	176.40	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2697857	127.92	ng	0.00
79) Terphenyl-d14	19.99	244	3087867	111.88	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	46350	11.970	ng	96
3) Pyridine	3.90	79	100135	8.552	ng	95
4) n-Nitrosodimethylamine	3.82	42	38539	9.734	ng	# 99
6) Aniline	7.33	93	154008	9.963	ng	96
8) 2-Chlorophenol	7.57	128	86354	9.558	ng	96
9) Benzaldehyde	7.14	77	103687	13.544	ng	98
10) Phenol	7.19	94	118723	9.795	ng	98
11) bis(2-Chloroethyl)ether	7.43	93	96083	9.586	ng	96
12) 1,3-Dichlorobenzene	7.90	146	100081	9.610	ng	97
13) 1,4-Dichlorobenzene	8.04	146	101460	9.904	ng	100
14) 1,2-Dichlorobenzene	8.36	146	93924	9.526	ng	97
15) Benzyl Alcohol	8.23	79	90312	9.532	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	128967	9.862	ng	98
17) 2-Methylphenol	8.44	107	82834	9.108	ng	96
18) Hexachloroethane	9.10	117	39327	9.977	ng	88
19) n-Nitroso-di-n-propylamine	8.81	70	86281	10.164	ng	99
20) 3+4-Methylphenols	8.76	107	110976	8.953	ng	96
22) Acetophenone	8.82	105	150079	10.238	ng	# 98
24) Nitrobenzene	9.20	77	115135	10.942	ng	96
25) Isophorone	9.73	82	223308	9.595	ng	99
26) 2-Nitrophenol	9.91	139	33124	9.658	ng	96
27) 2,4-Dimethylphenol	9.97	122	87247	10.532	ng	93
28) bis(2-Chloroethoxy)methane	10.21	93	131925	10.095	ng	96
29) 2,4-Dichlorophenol	10.45	162	80460	9.383	ng	95
30) 1,2,4-Trichlorobenzene	10.67	180	90928	9.570	ng	97
31) Naphthalene	10.85	128	292785	9.954	ng	97
32) Benzoic acid	10.04	122	25868	5.767	ng	# 88
33) 4-Chloroaniline	10.95	127	121631	9.253	ng	97
34) Hexachlorobutadiene	11.16	225	50380	9.081	ng	98
35) Caprolactam	11.69	113	29147	8.952	ng	# 89
36) 4-Chloro-3-methylphenol	12.07	107	93080	9.530	ng	99
37) 2-Methylnaphthalene	12.46	142	213357	10.204	ng	98
38) 1-Methylnaphthalene	12.67	142	201244	10.198	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	94207	10.159	ng	98

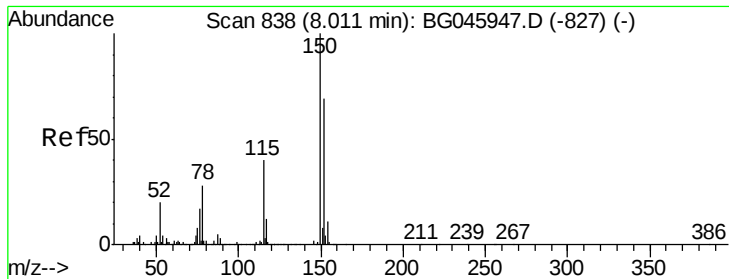
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	52723	9.582	nq	98
43) 2,4,6-Trichlorophenol	13.06	196	56378	8.990	nq	97
44) 2,4,5-Trichlorophenol	13.13	196	65625	9.255	nq	97
46) 1,1'-Biphenyl	13.47	154	270888	10.946	nq	97
47) 2-Chloronaphthalene	13.50	162	187814	9.619	nq	97
48) 2-Nitroaniline	13.69	65	50795	11.116	nq	99
49) Acenaphthylene	14.35	152	321118	10.193	nq	97
50) Dimethylphthalate	14.08	163	235918	9.556	nq	98
51) 2,6-Dinitrotoluene	14.19	165	41327	10.788	nq	96
52) Acenaphthene	14.70	154	189911	9.557	nq	97
53) 3-Nitroaniline	14.51	138	47150	9.932	nq	# 95
54) 2,4-Dinitrophenol	14.71	184	10598	7.843	nq	# 1
55) Dibenzofuran	15.02	168	291129	9.995	nq	98
56) 4-Nitrophenol	14.81	139	37182	9.244	nq	99
57) 2,4-Dinitrotoluene	14.97	165	51470	10.874	nq	# 87
58) Fluorene	15.68	166	238129	9.966	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	50907	9.298	nq	99
60) Diethylphthalate	15.45	149	243984	9.423	nq	95
61) 4-Chlorophenyl-phenylether	15.67	204	109797	9.236	nq	97
62) 4-Nitroaniline	15.68	138	49280	9.658	nq	95
63) Azobenzene	15.96	77	281505	10.130	nq	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	17341	8.888	nq	90
66) n-Nitrosodiphenylamine	15.88	169	205771	9.968	nq	96
67) 4-Bromophenyl-phenylether	16.56	248	67184	9.030	nq	99
68) Hexachlorobenzene	16.68	284	71943	9.637	nq	98
69) Atrazine	16.83	200	69314	11.357	nq	95
70) Pentachlorophenol	17.02	266	37027	8.920	nq	97
71) Phenanthrene	17.41	178	359877	10.219	nq	97
72) Anthracene	17.50	178	374301	10.473	nq	97
73) Carbazole	17.76	167	358140	9.997	nq	95
74) Di-n-butylphthalate	18.34	149	433105	10.005	nq	97
75) Fluoranthene	19.42	202	420994	10.341	nq	96
77) Benzidine	19.59	184	234606	13.359	nq	98
78) Pyrene	19.78	202	434505	10.364	nq	94
80) Butylbenzylphthalate	20.68	149	180649	9.118	nq	97
81) Benzo(a)anthracene	21.61	228	400707	9.922	nq	96
82) 3,3'-Dichlorobenzidine	21.52	252	150783	10.104	nq	98
83) Chrysene	21.67	228	376097	9.775	nq	94
84) Bis(2-ethylhexyl)phthalate	21.55	149	273770	9.519	nq	# 96
85) Di-n-octyl phthalate	22.76	149	455645	9.130	nq	97
87) Indeno(1,2,3-cd)pyrene	28.35	276	443175	9.821	nq	96
88) Benzo(b)fluoranthene	23.78	252	392494	10.024	nq	96
89) Benzo(k)fluoranthene	23.85	252	386971	10.452	nq	95
90) Benzo(a)pyrene	24.64	252	354193	9.620	nq	99
91) Dibenzo(a,h)anthracene	28.43	278	361740	9.939	nq	99
92) Benzo(g,h,i)perylene	29.46	276	362363	9.894	nq	99

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

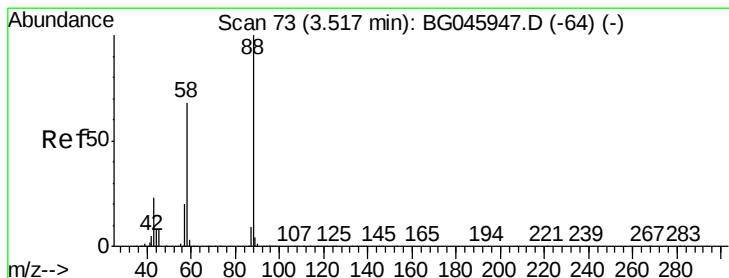
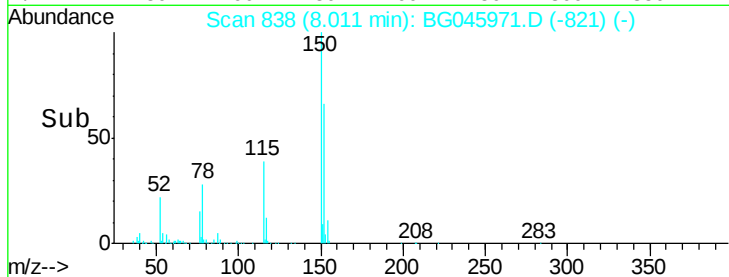
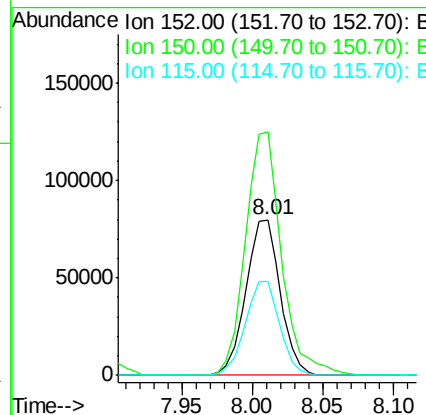
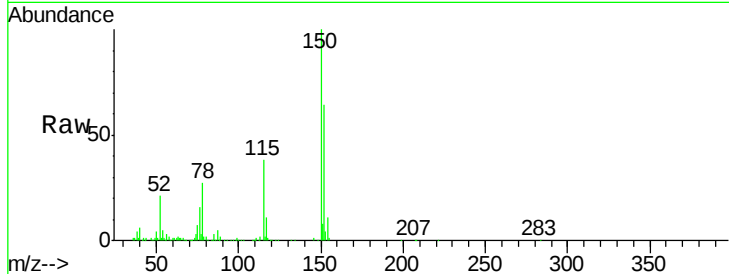


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

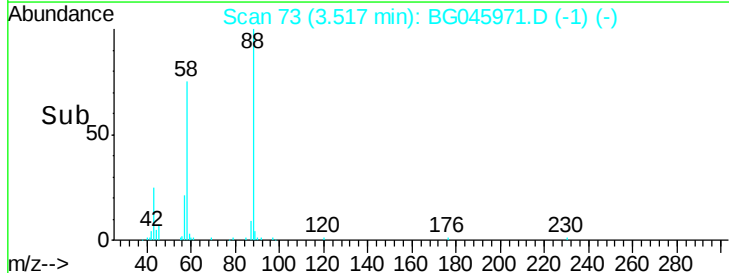
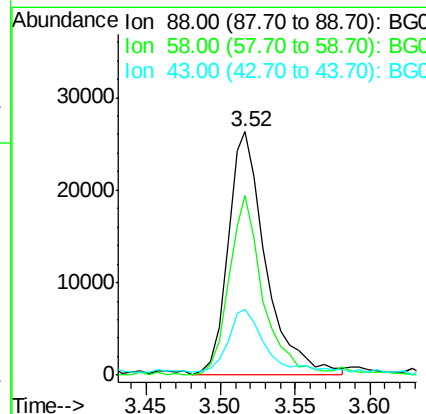
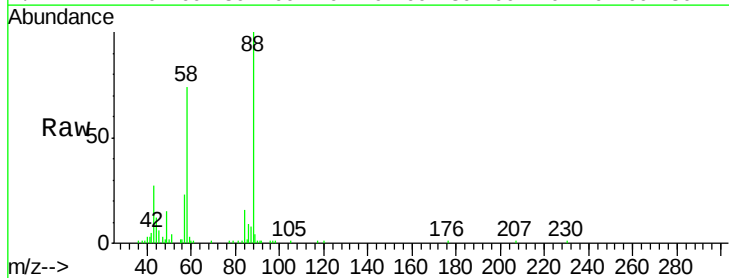
Tot Ion:152 Resp: 136106
Ion Ratio Lower Upper
152 100
150 156.3 116.7 175.1
115 59.9 47.4 71.0

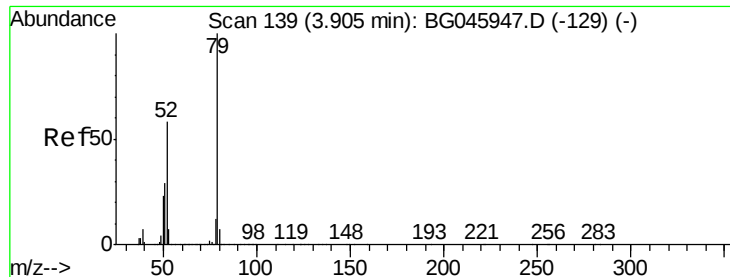


#2

1,4-Dioxane
Concen: 11.970 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion: 88 Resp: 46350
Ion Ratio Lower Upper
88 100
58 65.8 55.2 82.8
43 25.8 19.4 29.0





#3

Pvridine

Concen: 8.552 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

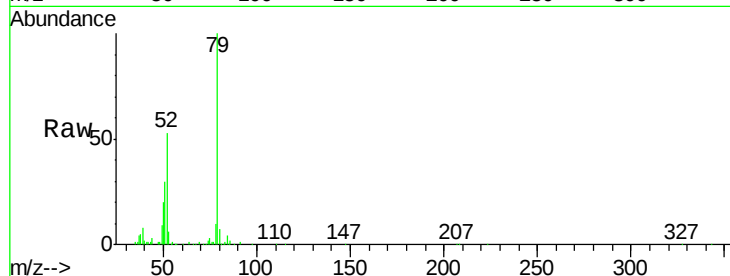
Tot Ion: 79 Resp: 100135

Ion Ratio Lower Upper

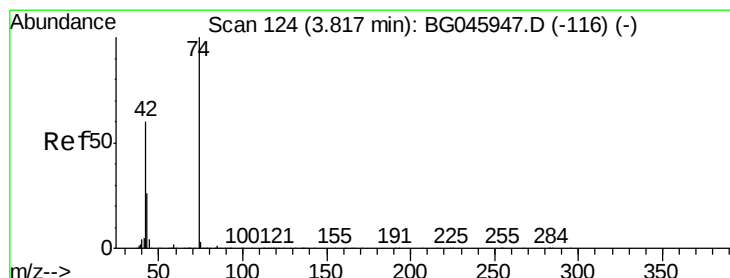
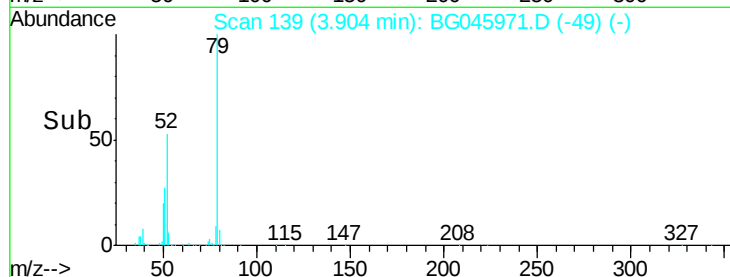
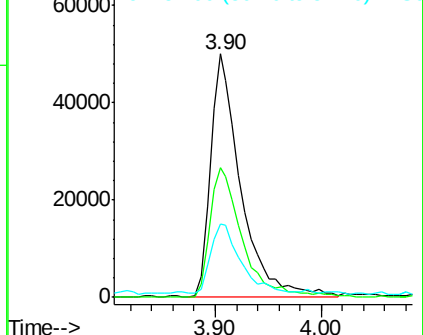
79 100

52 53.3 46.5 69.7

51 30.0 23.5 35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 9.734 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

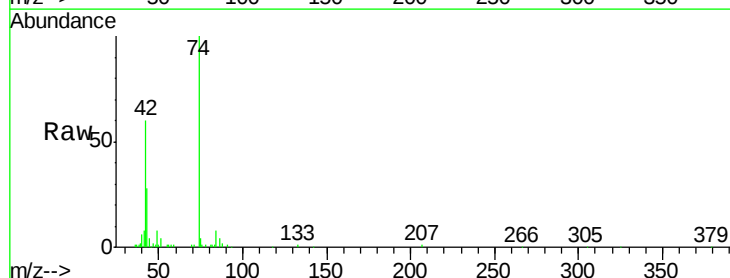
Tgt Ion: 42 Resp: 38539

Ion Ratio Lower Upper

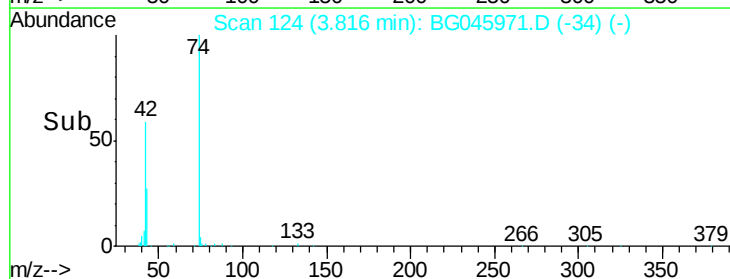
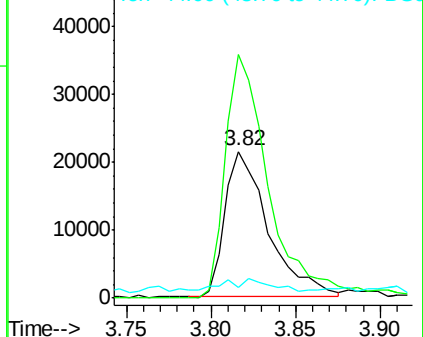
42 100

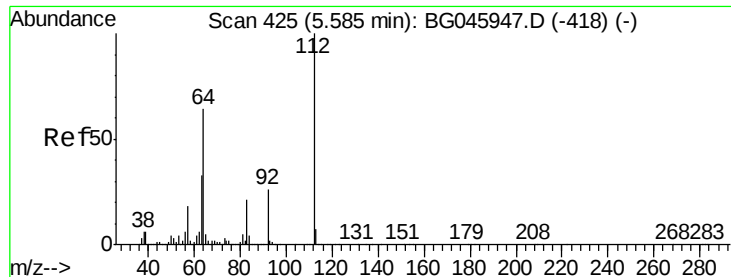
74 165.8 131.9 197.9

44 6.8 7.7 11.5#



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





#5

2-Fluorophenol

Concen: 161.598 ng

RT: 5.59 min Scan# 426

Delta R.T. 0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

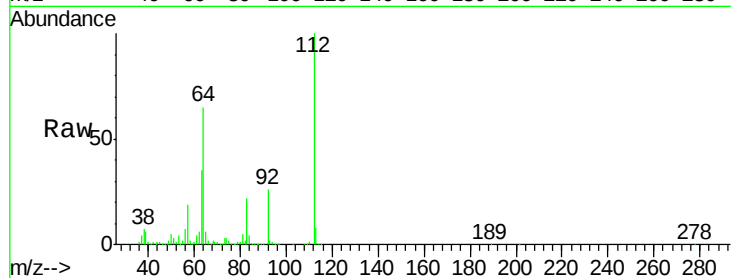
Tot Ion:112 Resp: 1356289

Ion Ratio Lower Upper

112 100

64 65.3 51.4 77.2

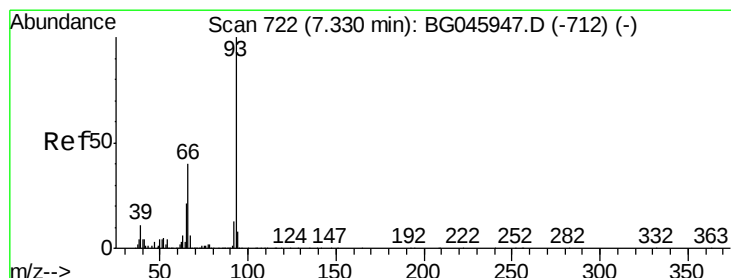
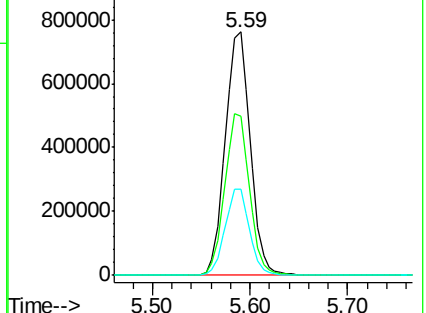
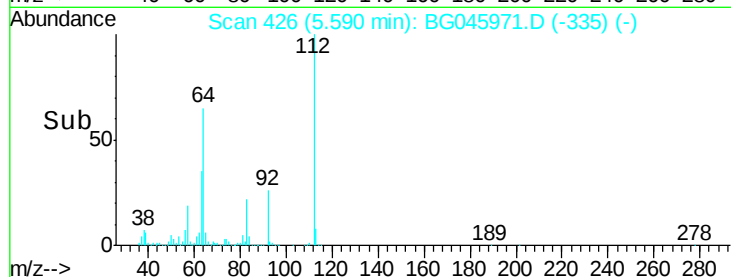
63 35.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.963 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

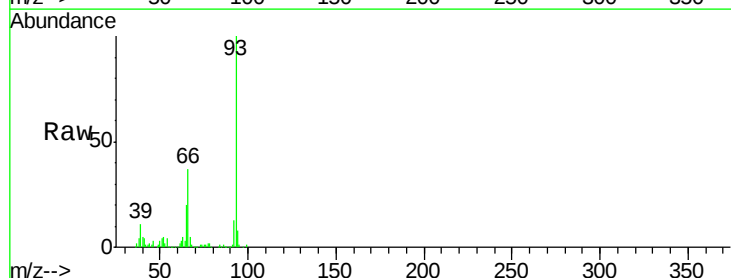
Tgt Ion: 93 Resp: 154008

Ion Ratio Lower Upper

93 100

66 37.2 32.3 48.5

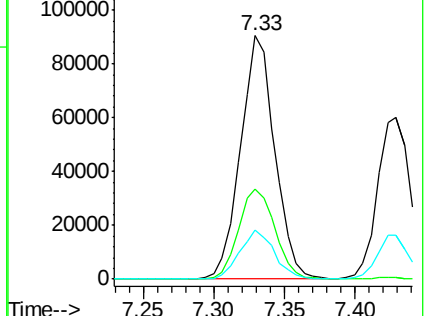
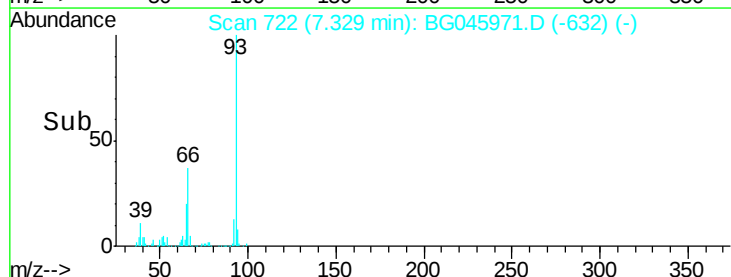
65 20.2 16.6 25.0

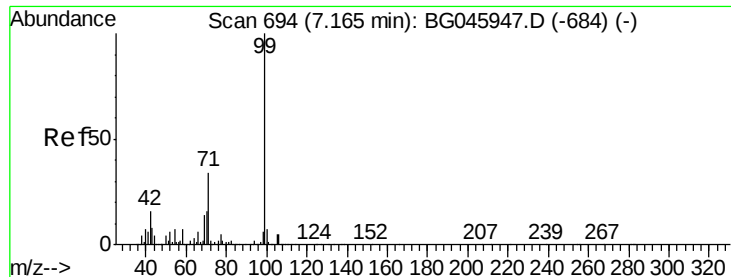


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 157.013 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

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ClientSampleId :

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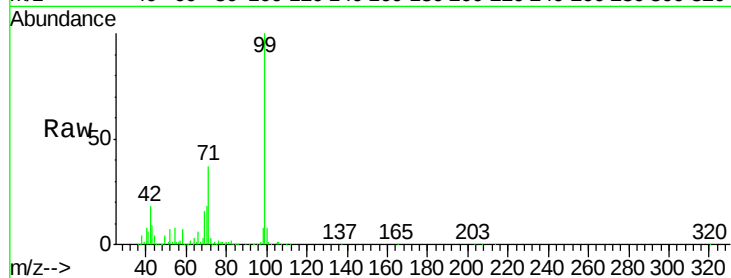
Tot Ion: 99 Resp: 1897255

Ion Ratio Lower Upper

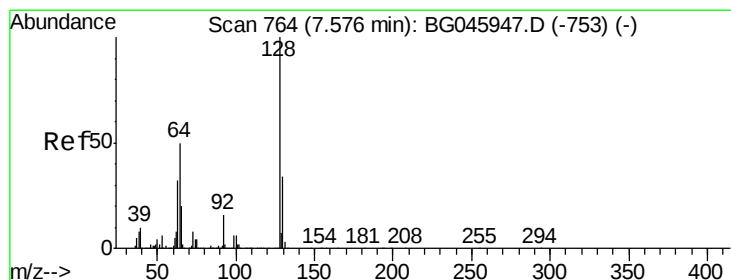
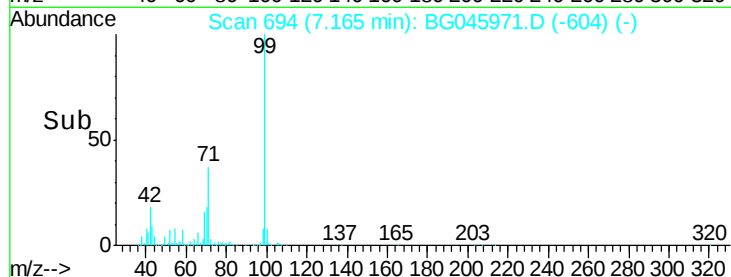
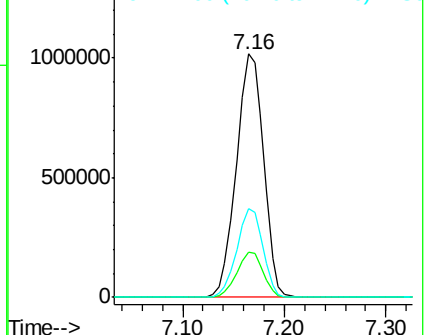
99 100

42 18.4 13.0 19.4

71 36.6 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 9.558 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

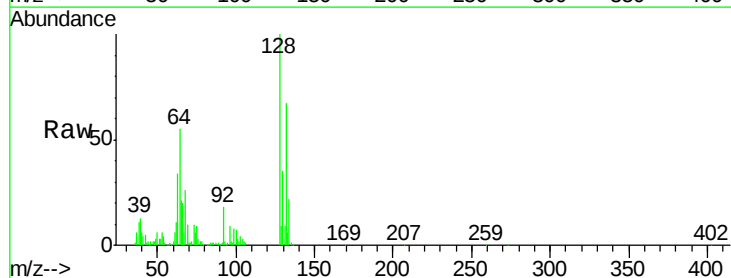
Tgt Ion:128 Resp: 86354

Ion Ratio Lower Upper

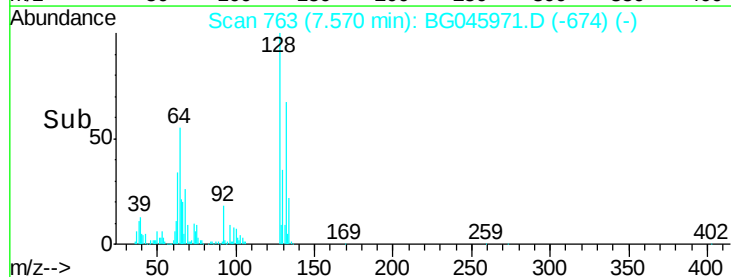
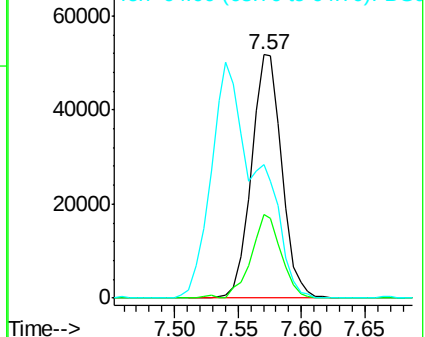
128 100

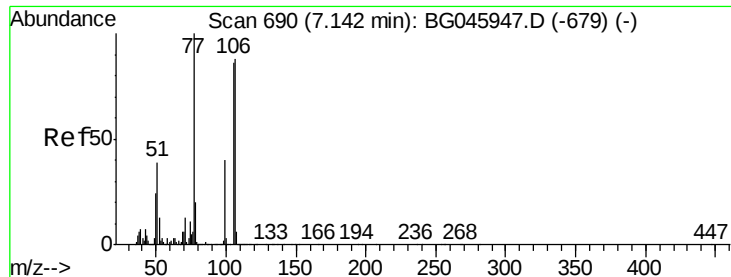
130 34.5 13.6 53.6

64 54.9 30.6 70.6



Abundance Ion 128.00 (127.70 to 128.70): BGC
Ion 130.00 (129.70 to 130.70): BGC
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 13.544 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

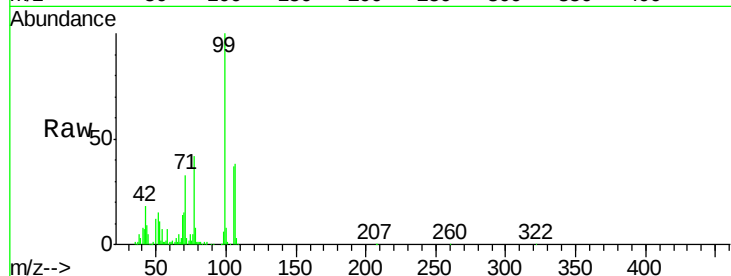
Tot Ion: 77 Resp: 103687

Ion Ratio Lower Upper

77 100

105 87.3 66.0 106.0

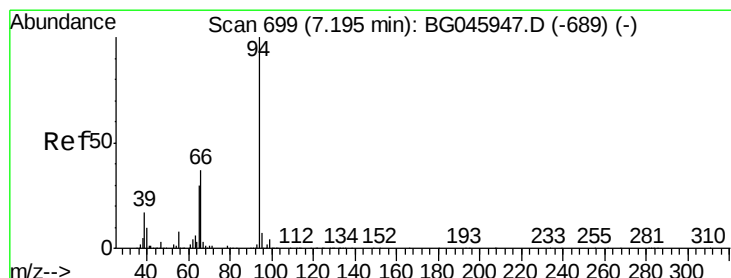
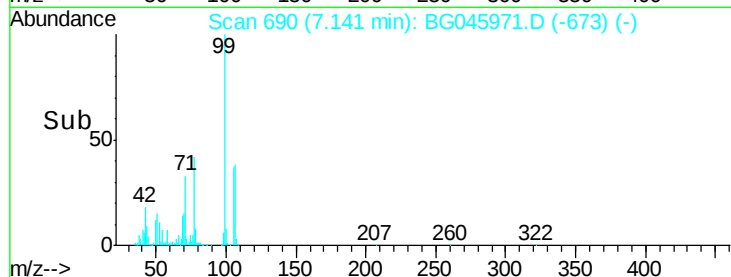
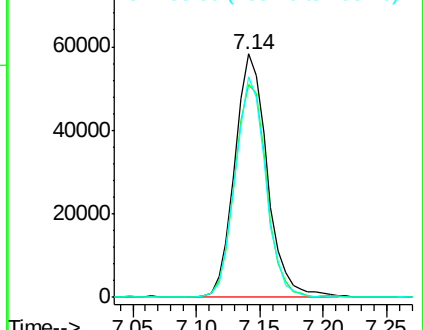
106 90.4 67.7 107.7



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 9.795 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

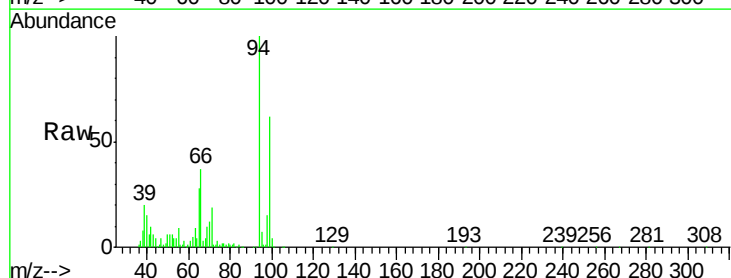
Tgt Ion: 94 Resp: 118723

Ion Ratio Lower Upper

94 100

65 28.3 10.6 50.6

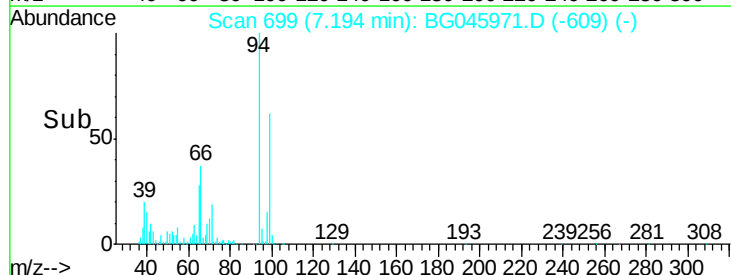
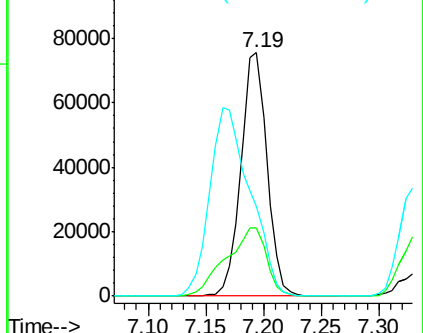
66 37.2 17.1 57.1

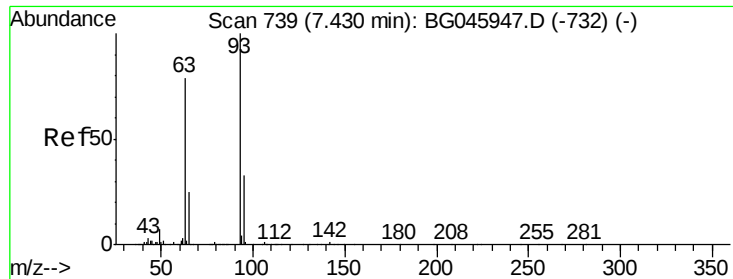


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC





#11

bis(2-Chloroethyl)ether

Concen: 9.586 ng

RT: 7.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

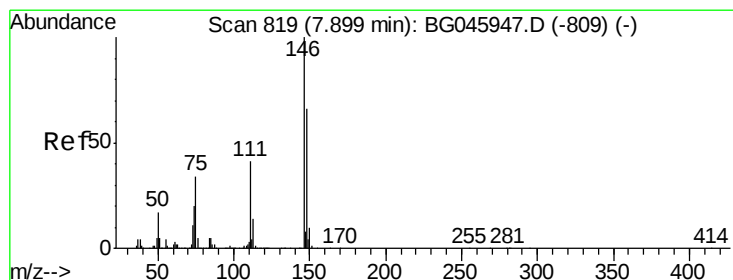
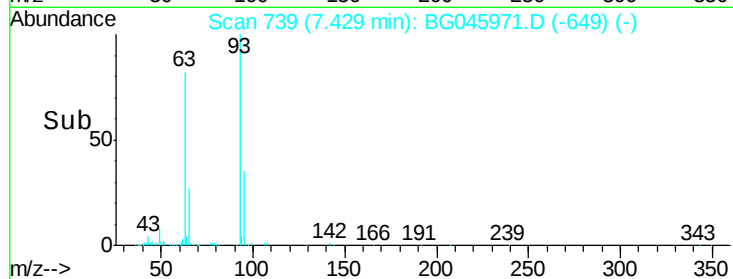
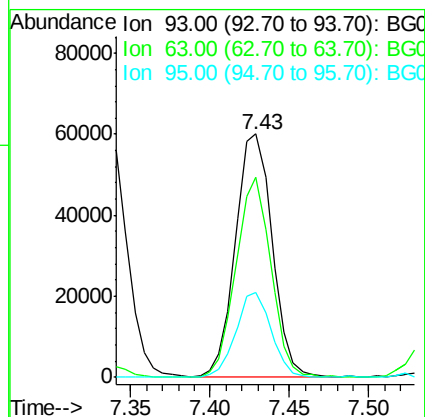
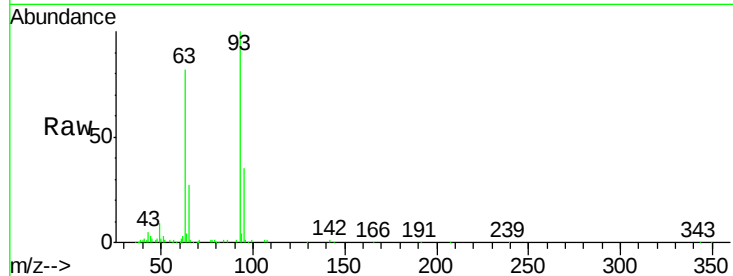
Tot Ion: 93 Resp: 96083

Ion Ratio Lower Upper

93 100

63 82.1 58.6 98.6

95 34.7 13.3 53.3



#12

1,3-Dichlorobenzene

Concen: 9.610 ng

RT: 7.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

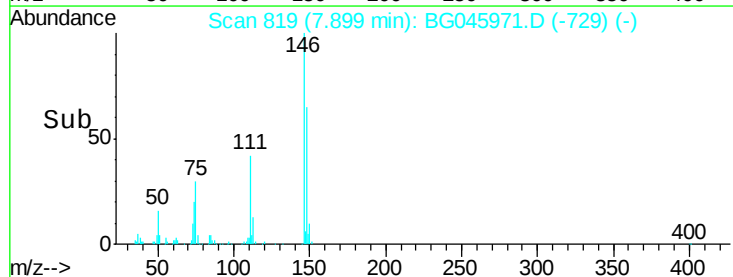
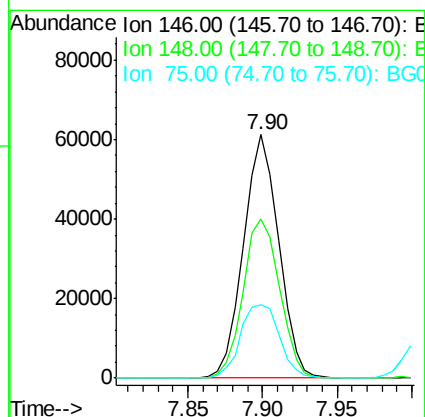
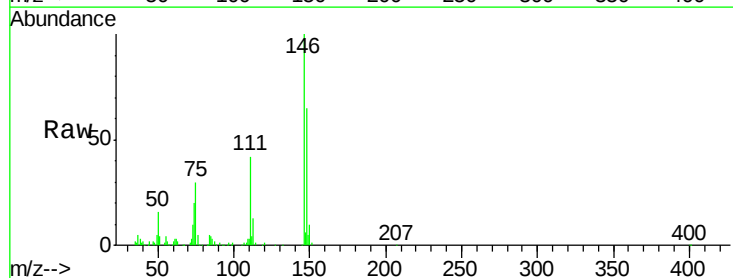
Tgt Ion: 146 Resp: 100081

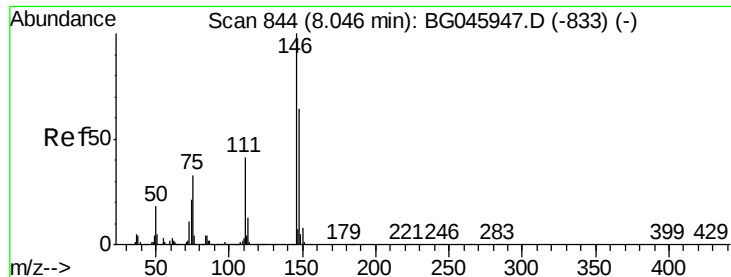
Ion Ratio Lower Upper

146 100

148 65.2 52.8 79.2

75 30.4 27.2 40.8

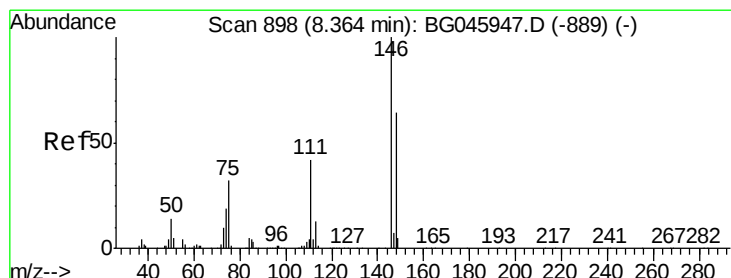
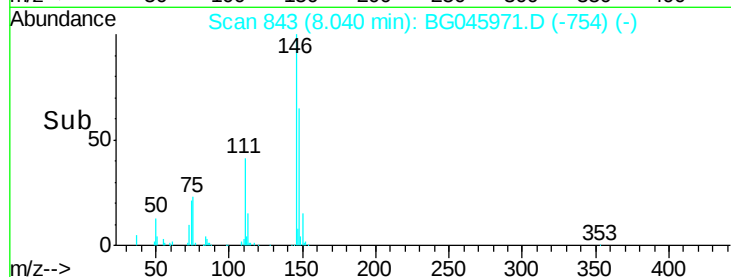
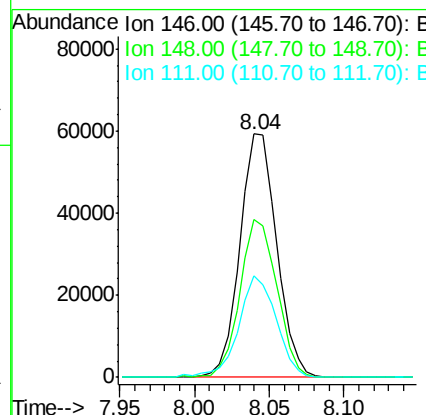
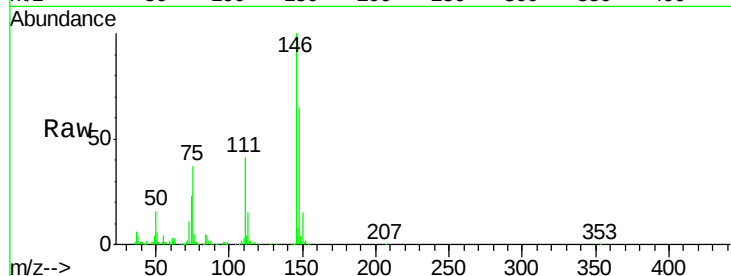




#13
 1,4-Dichlorobenzene
 Concen: 9.904 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

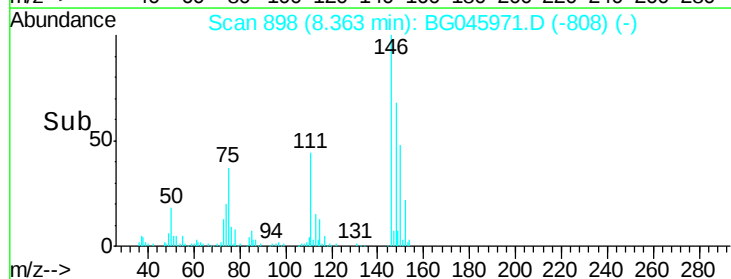
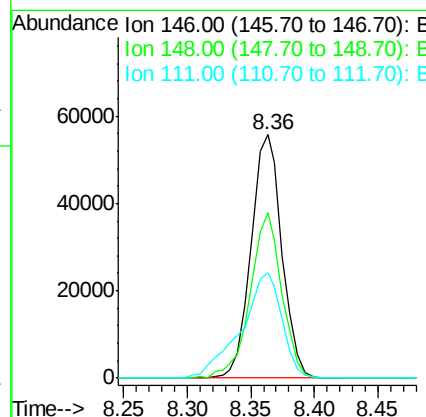
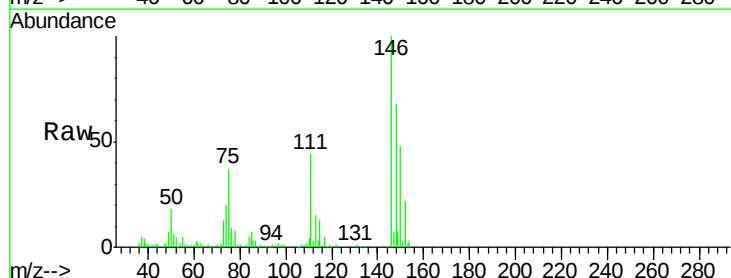
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

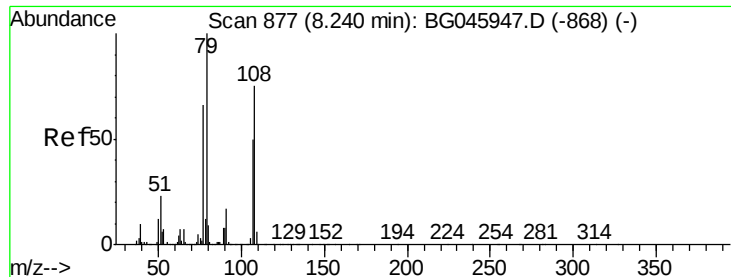
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.7	77.5
111	41.5	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 9.526 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.9	51.6	77.4
111	43.5	34.0	51.0





#15

Benzyl Alcohol

Concen: 9.532 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

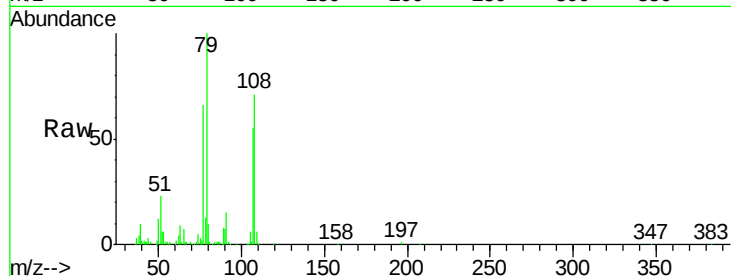
Tot Ion: 79 Resp: 90312

Ion Ratio Lower Upper

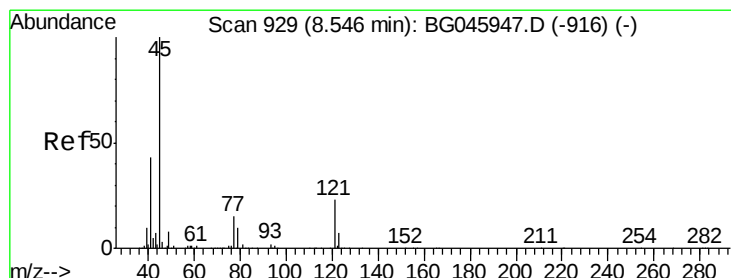
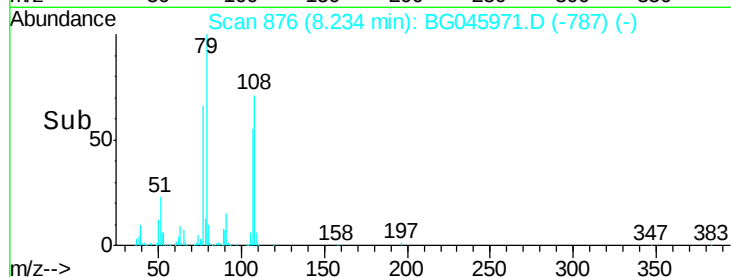
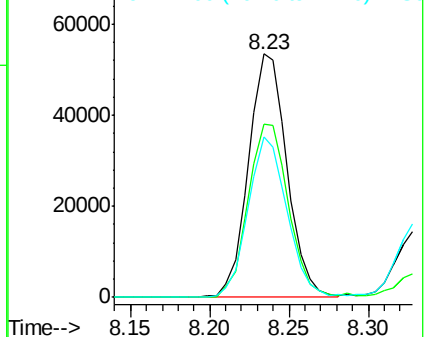
79 100

108 71.0 60.2 90.4

77 65.8 52.9 79.3



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.862 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

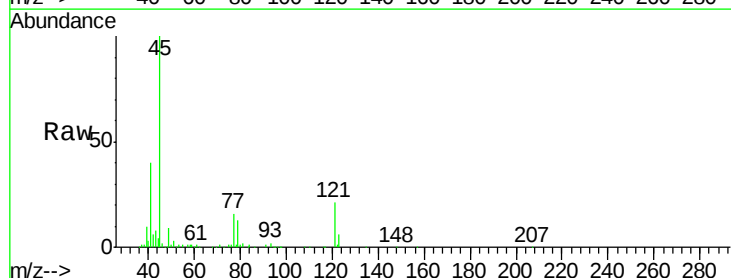
Tgt Ion: 45 Resp: 128967

Ion Ratio Lower Upper

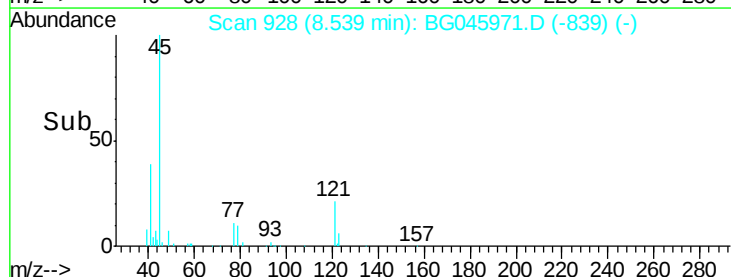
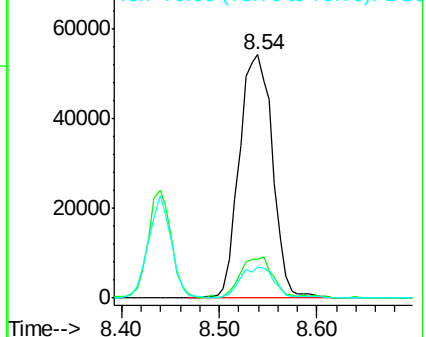
45 100

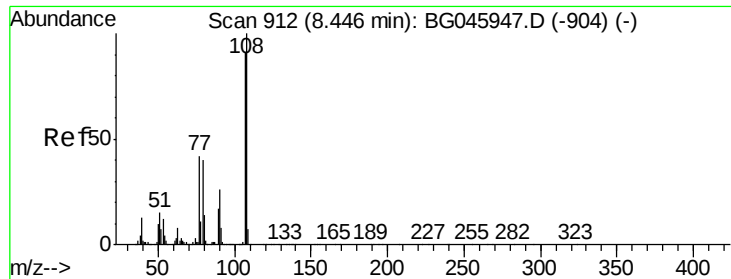
77 16.2 0.0 37.6

79 12.9 0.0 32.6



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

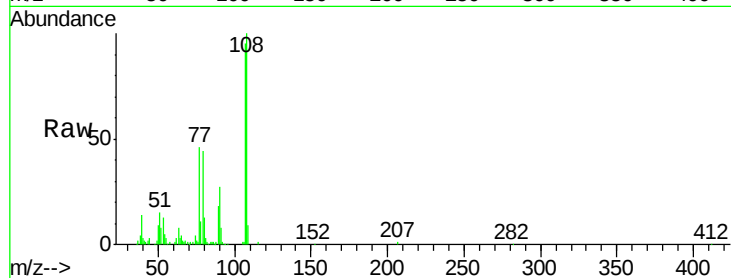




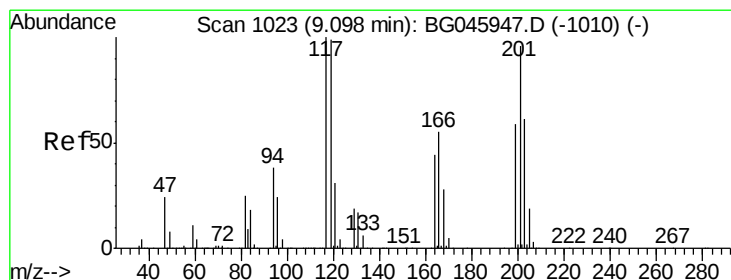
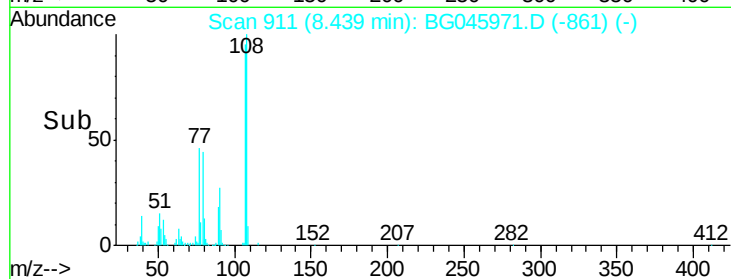
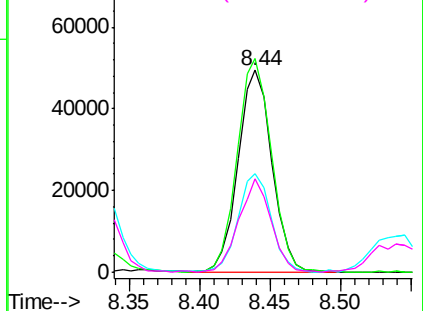
#17
2-Methylphenol
Concen: 9.108 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:107 Resp: 82834
Ion Ratio Lower Upper
107 100
108 105.8 88.2 132.4
77 48.9 37.0 55.4
79 46.3 35.4 53.0

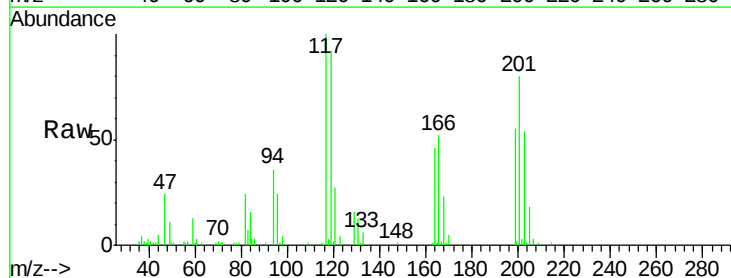


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

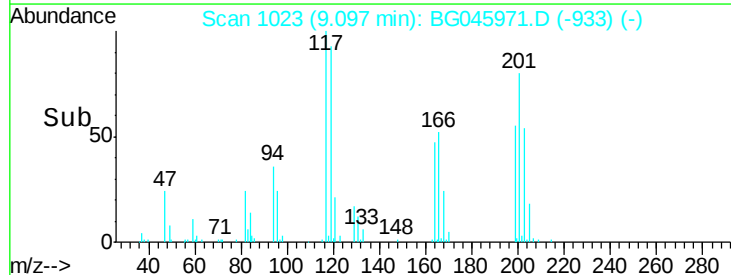
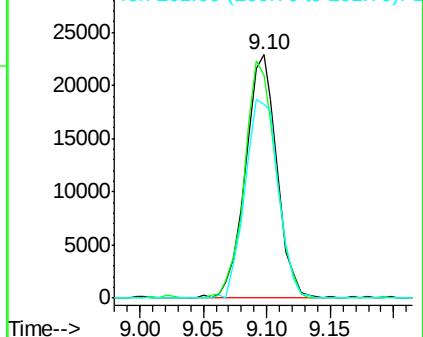


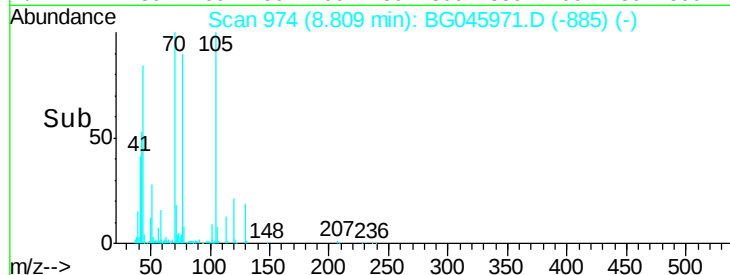
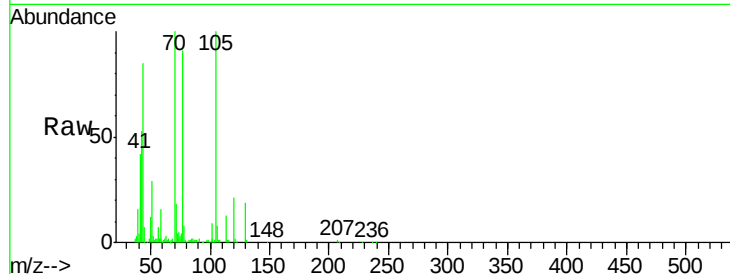
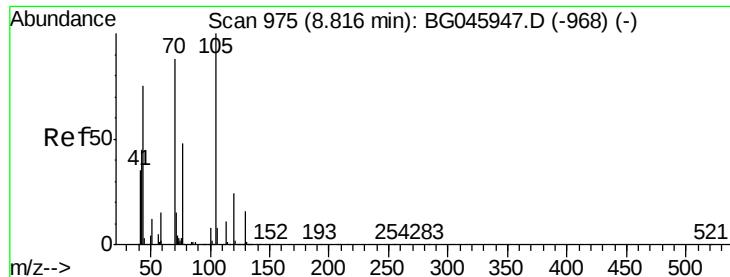
#18
Hexachloroethane
Concen: 9.977 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:117 Resp: 39327
Ion Ratio Lower Upper
117 100
119 91.9 79.5 119.3
201 79.6 77.0 115.4



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

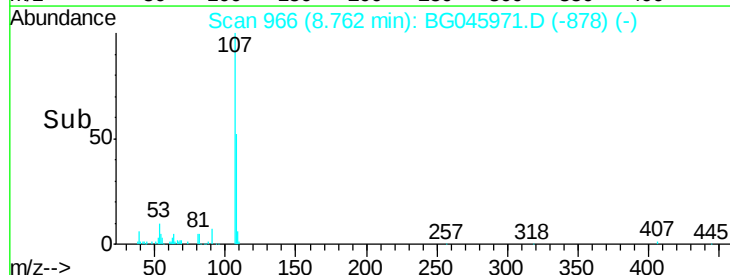
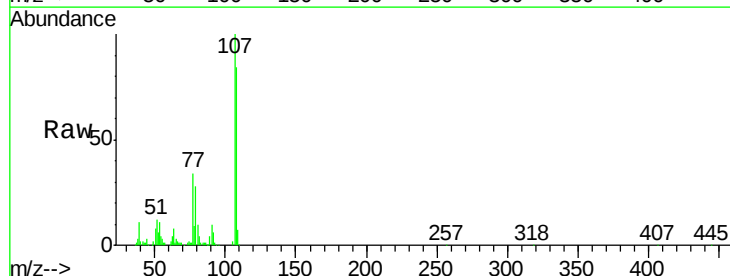
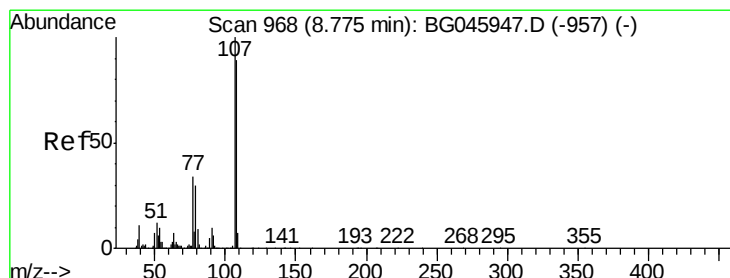
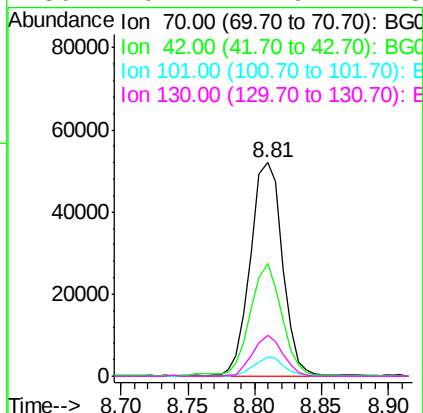




#19
n-Nitroso-di-n-propylamine
Concen: 10.164 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

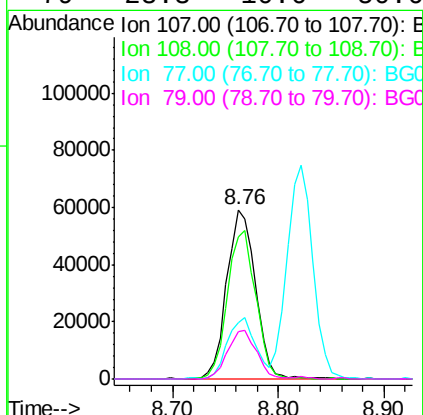
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

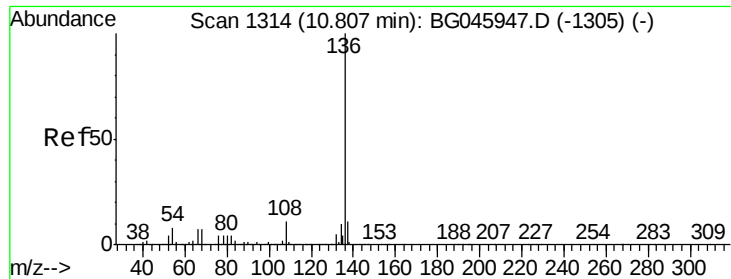
Tot Ion:	70	Resp:	86281
Ion	Ratio	Lower	Upper
70	100		
42	52.8	41.4	62.0
101	8.7	7.1	10.7
130	19.1	14.9	22.3



#20
3+4-Methylphenols
Concen: 8.953 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:	107	Resp:	110976
Ion	Ratio	Lower	Upper
107	100		
108	83.9	68.7	108.7
77	33.6	14.6	54.6
79	28.3	10.6	50.6

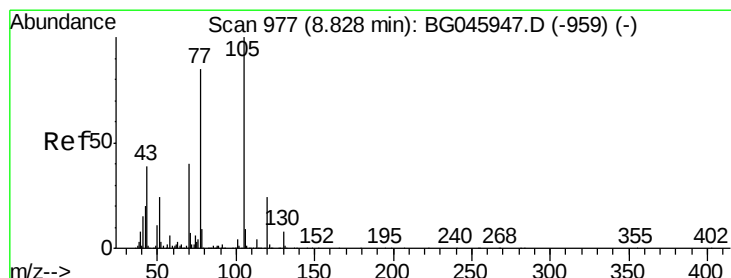
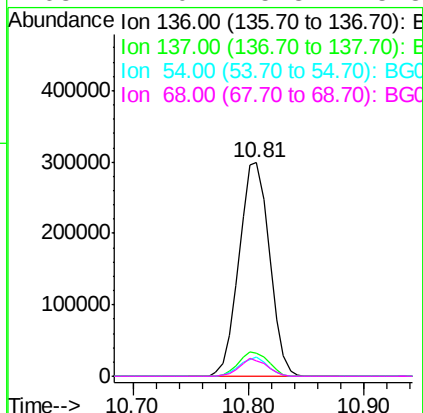
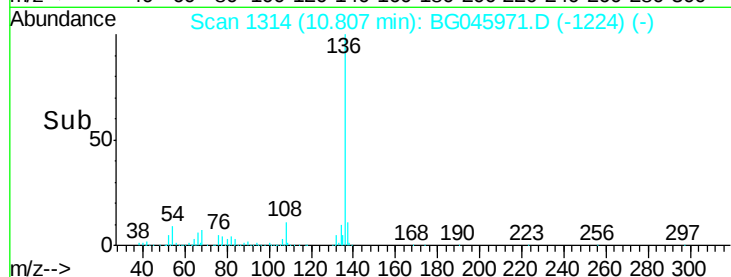
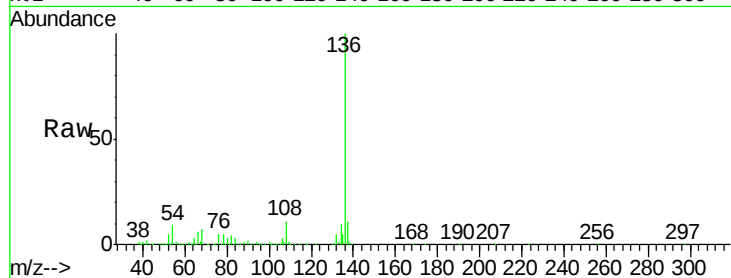




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

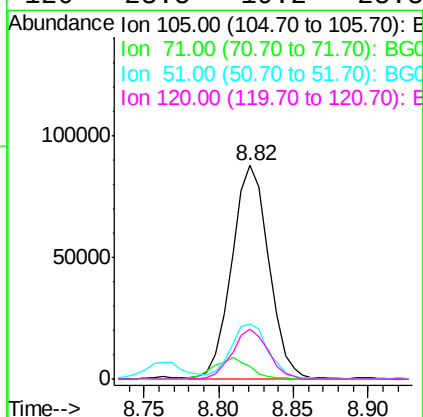
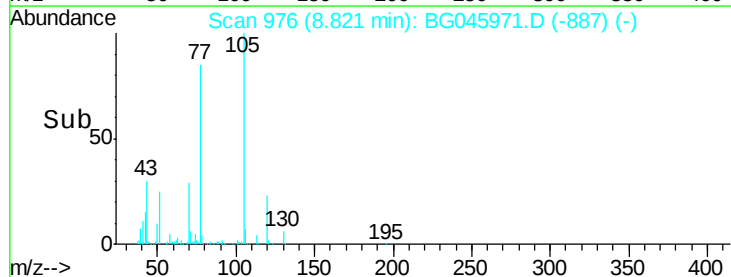
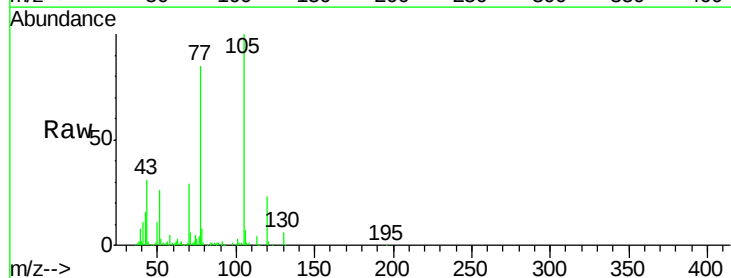
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

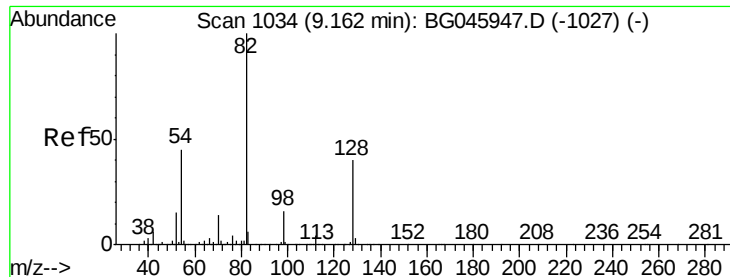
Tot Ion:136	Resp:	548705
Ion	Ratio	Lower Upper
136	100	
137	10.7	9.2 13.8
54	9.3	6.2 9.4
68	7.0	5.8 8.8



#22
Acetophenone
Concen: 10.238 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:105	Resp:	150079
Ion	Ratio	Lower Upper
105	100	
71	5.9	6.2 9.2#
51	25.8	19.7 29.5
120	23.5	19.2 28.8



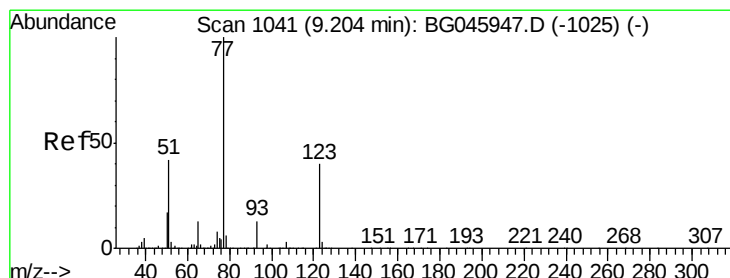
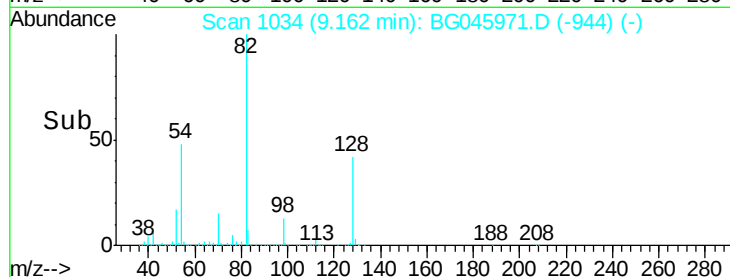
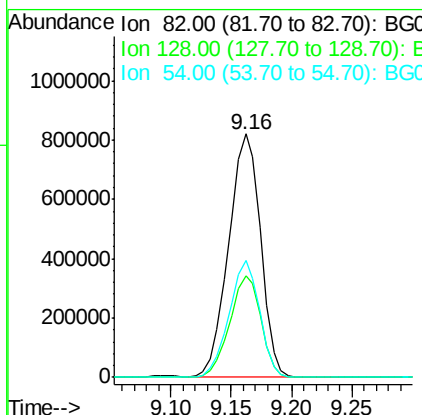
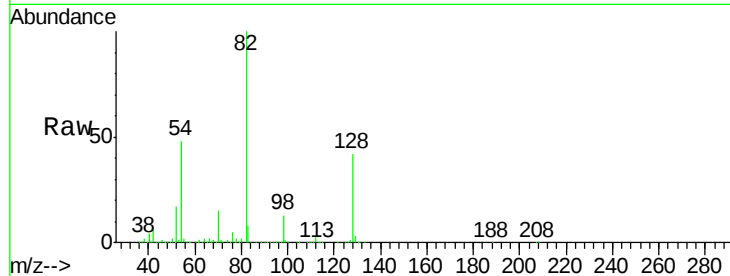


#23
 Nitrobenzene-d5
 Concen: 158.100 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion: 82 Resp: 1507180

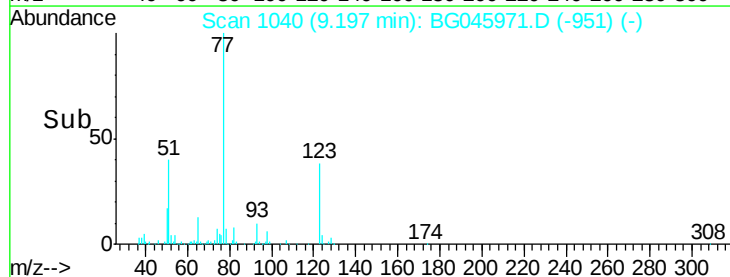
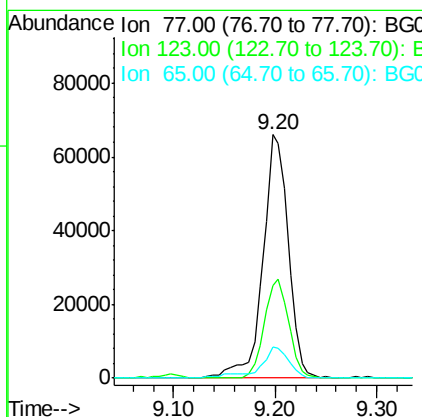
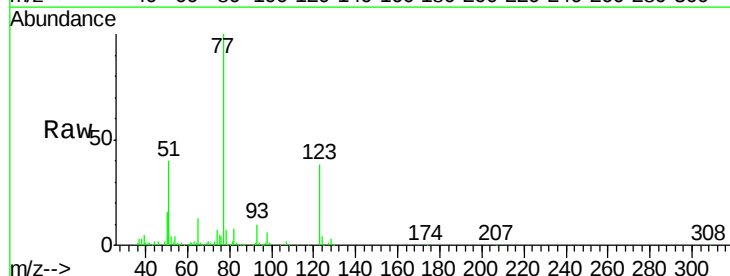
Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.2	48.4
54	47.9	35.8	53.6

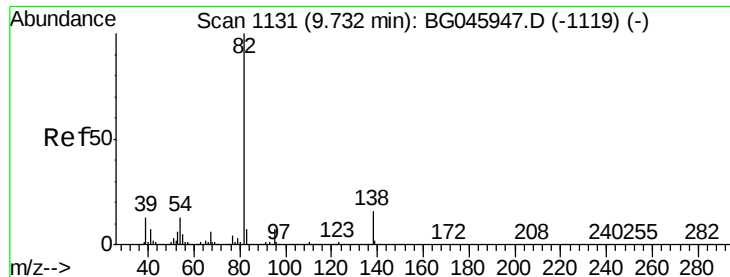


#24
 Nitrobenzene
 Concen: 10.942 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion: 77 Resp: 115135

Ion	Ratio	Lower	Upper
77	100		
123	38.0	32.7	49.1
65	12.7	10.2	15.4

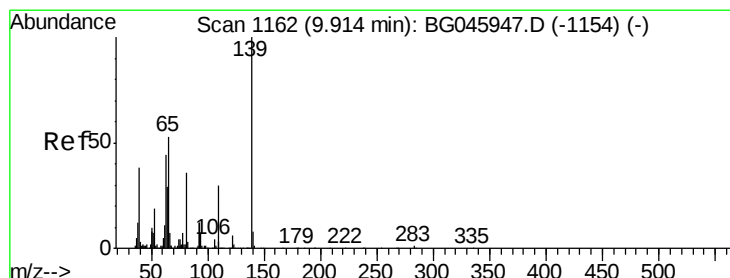
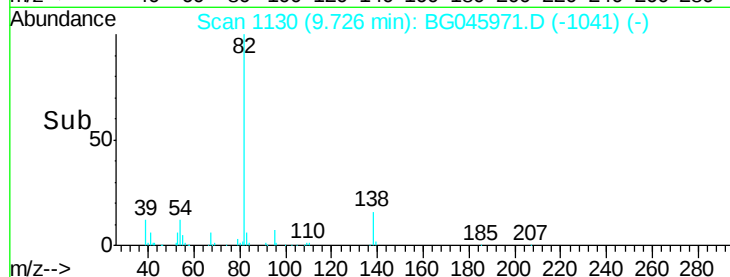
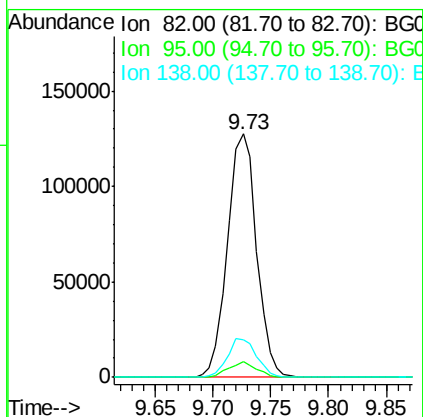
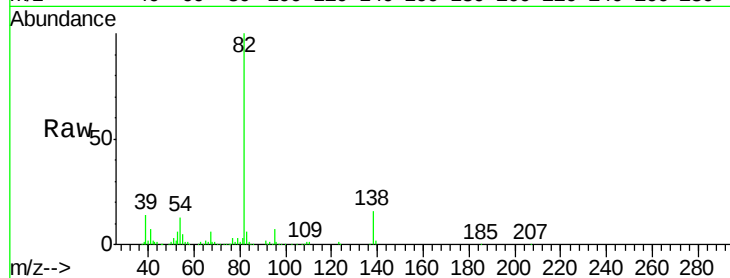




#25
Isophorone
Concen: 9.595 ng
RT: 9.73 min Scan# 1130
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

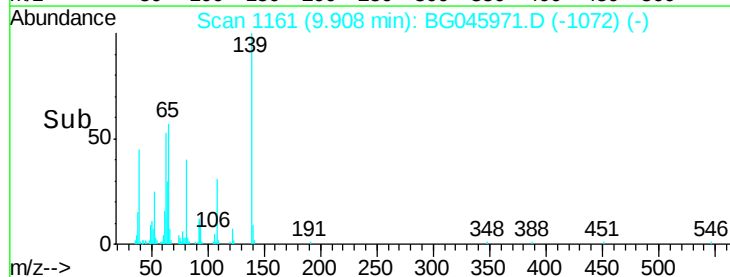
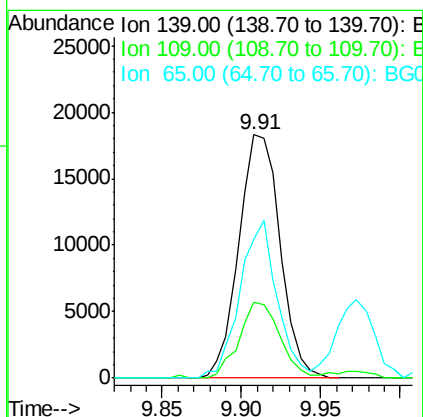
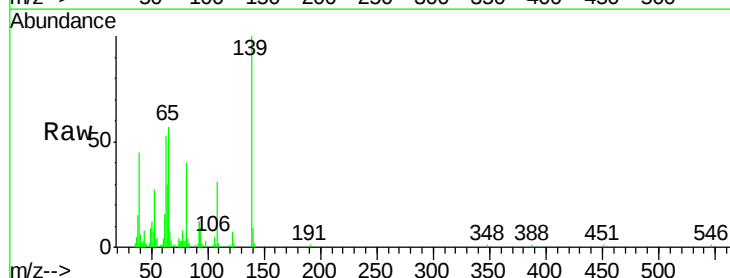
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

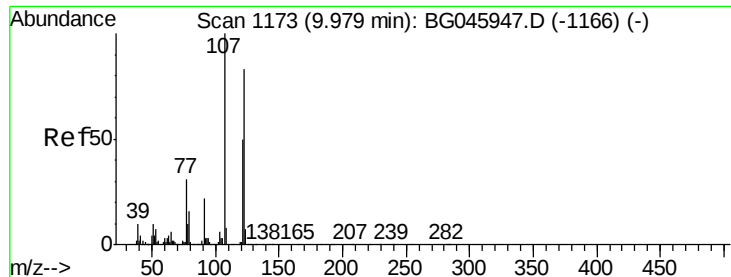
Tot Ion: 82 Resp: 223308
Ion Ratio Lower Upper
82 100
95 6.7 5.8 8.6
138 15.5 12.9 19.3



#26
2-Nitrophenol
Concen: 9.658 ng
RT: 9.91 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion: 139 Resp: 33124
Ion Ratio Lower Upper
139 100
109 31.2 24.6 37.0
65 57.2 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 10.532 ng

RT: 9.97 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

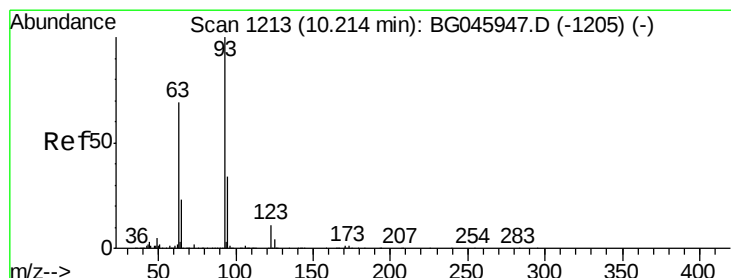
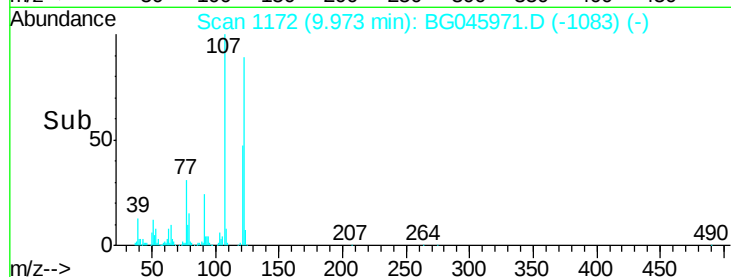
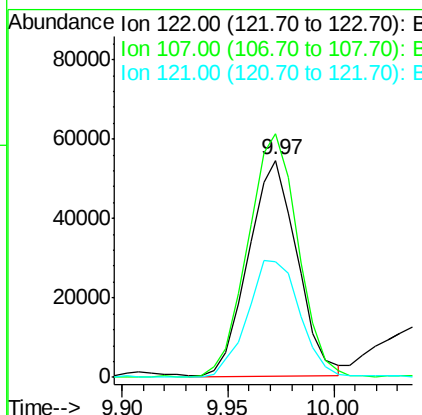
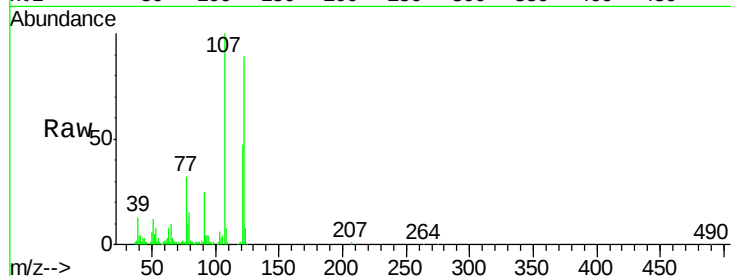
Tot Ion:122 Resp: 87247

Ion Ratio Lower Upper

122 100

107 112.0 95.6 143.4

121 52.9 47.7 71.5



#28

bis(2-Chloroethoxy)methane

Concen: 10.095 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

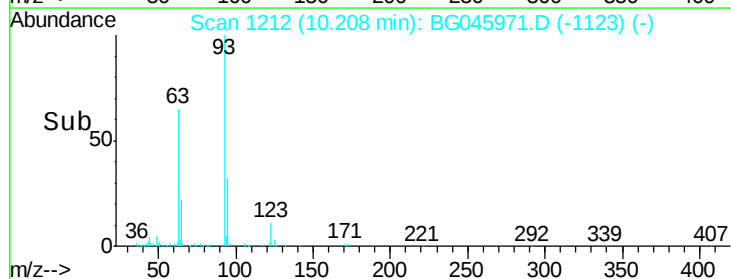
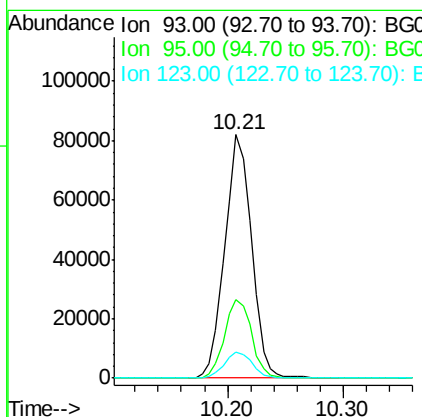
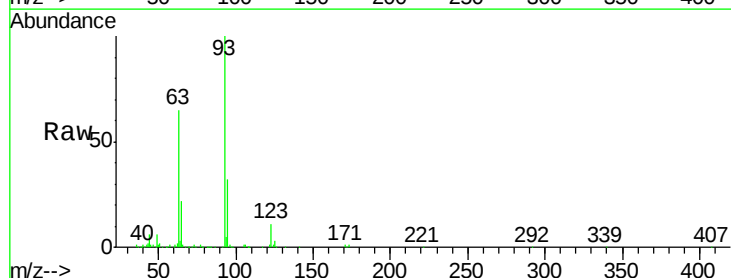
Tgt Ion: 93 Resp: 131925

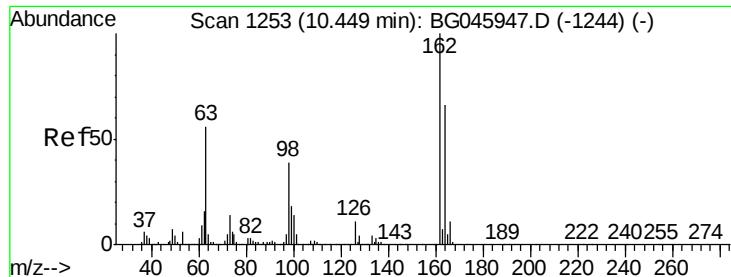
Ion Ratio Lower Upper

93 100

95 32.1 27.5 41.3

123 10.7 9.2 13.8

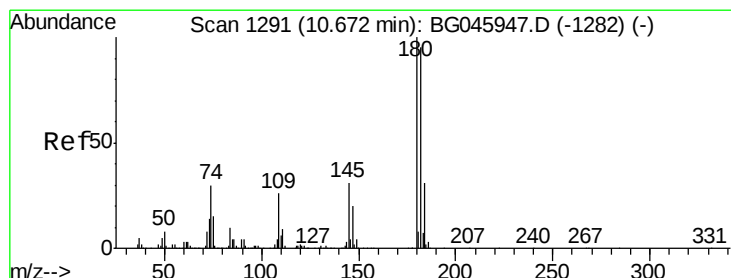
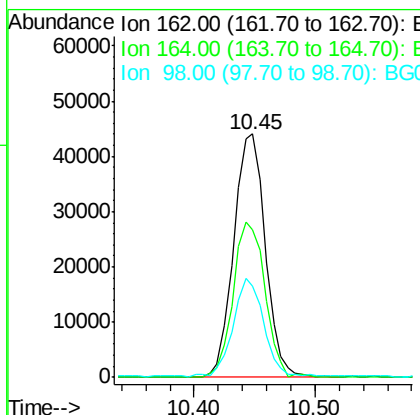
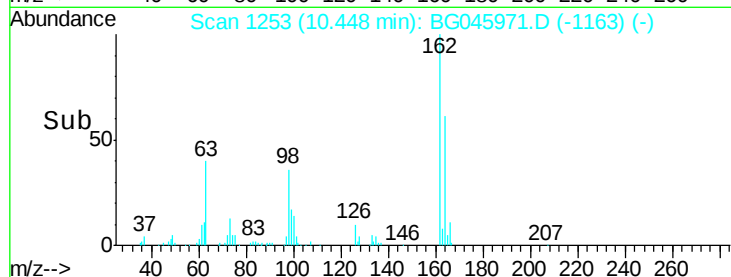
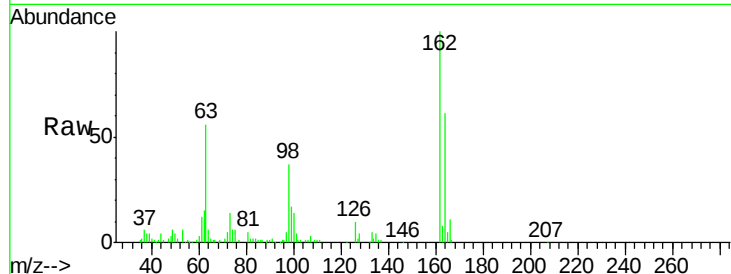




#29
 2,4-Dichlorophenol
 Concen: 9.383 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. -0.00 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

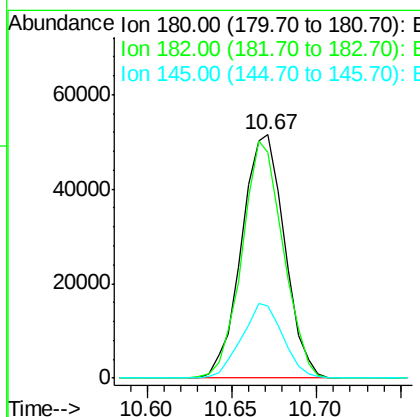
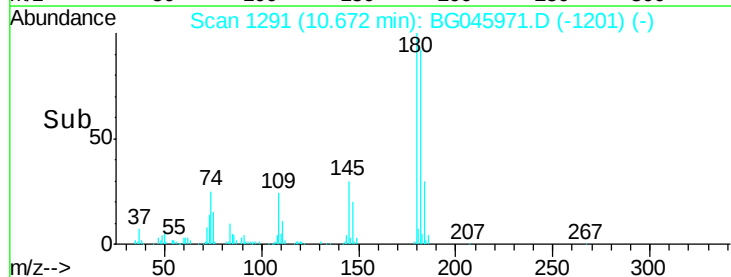
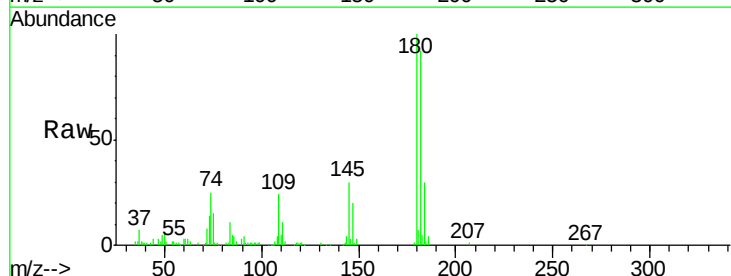
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

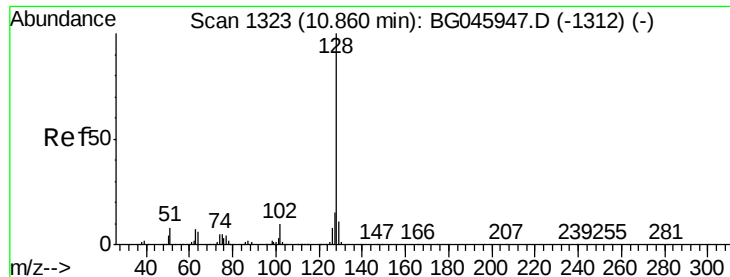
Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	46.0	86.0
98	37.4	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 9.570 ng
 RT: 10.67 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.5	76.3	114.5
145	29.9	24.8	37.2

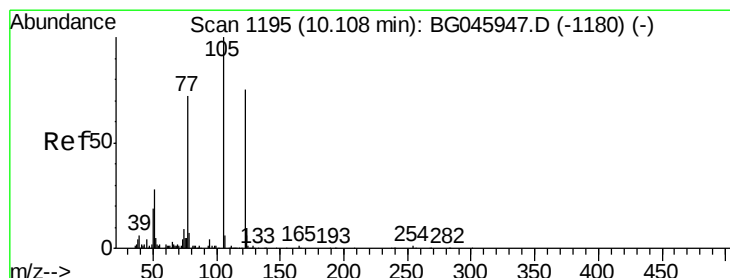
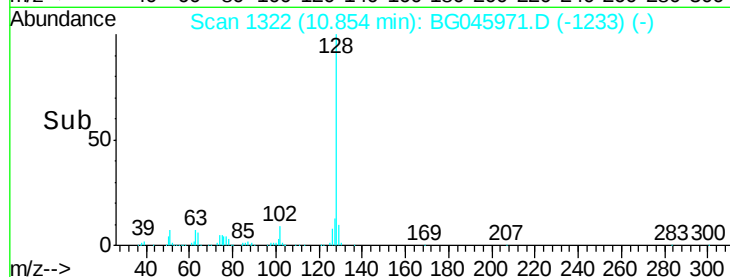
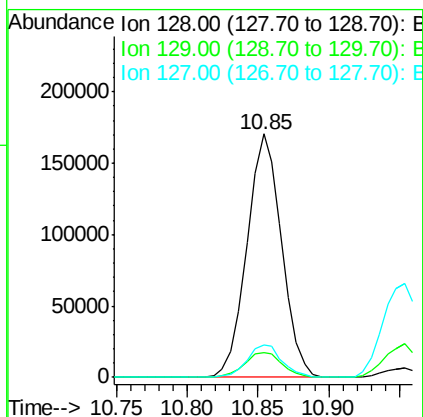
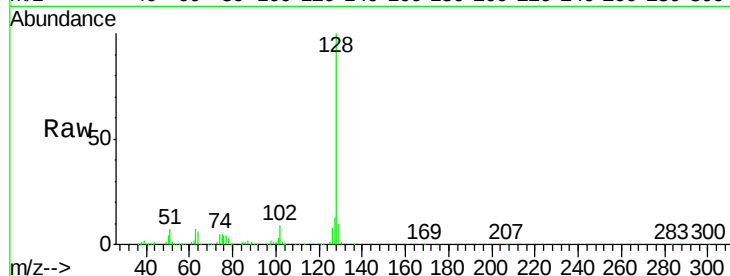




#31
Naphthalene
Concen: 9.954 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

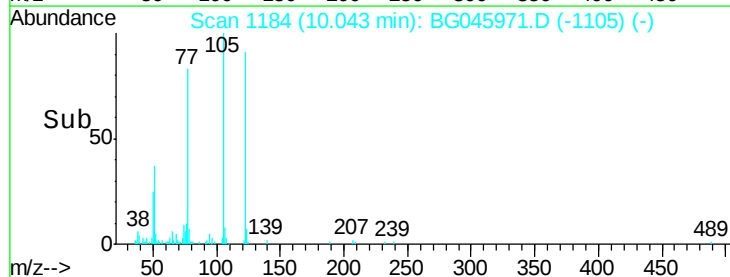
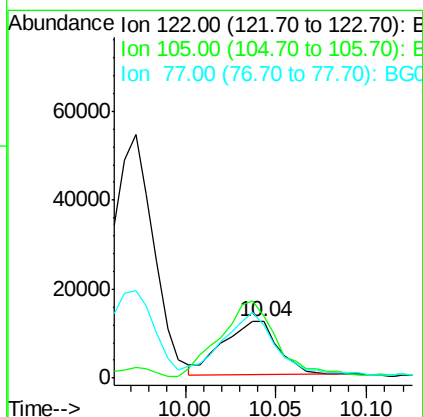
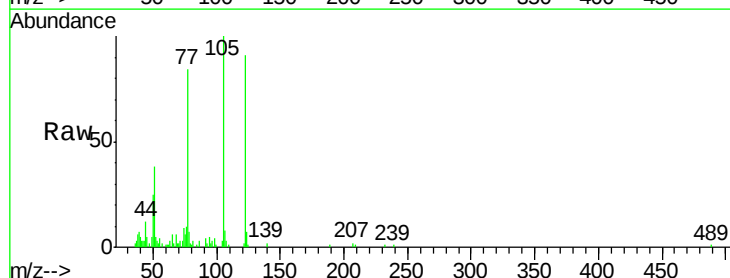
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

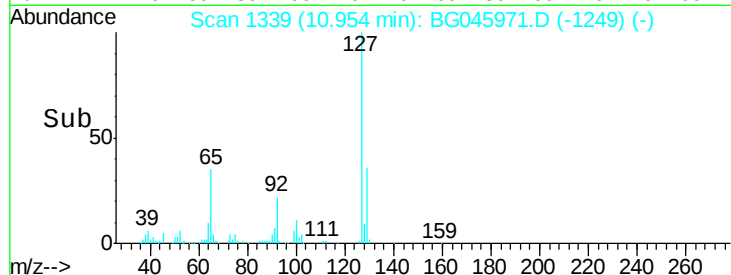
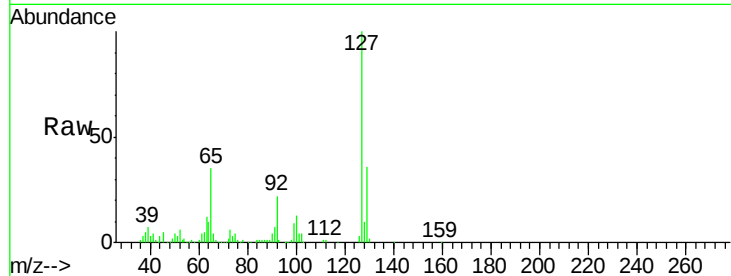
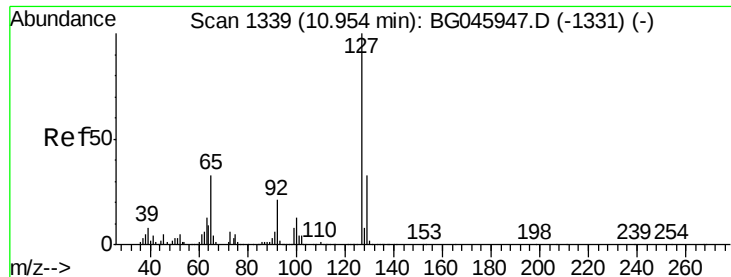
Tot Ion:128 Resp: 292785
Ion Ratio Lower Upper
128 100
129 10.3 9.2 13.8
127 13.5 11.8 17.6



#32
Benzoic acid
Concen: 5.767 ng
RT: 10.04 min Scan# 1184
Delta R.T. -0.06 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:122 Resp: 25868
Ion Ratio Lower Upper
122 100
105 109.9 110.8 150.8#
77 92.4 76.4 116.4

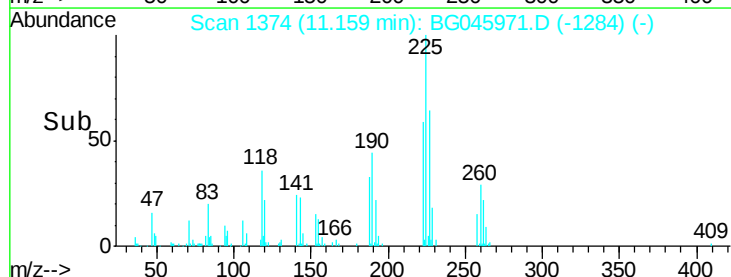
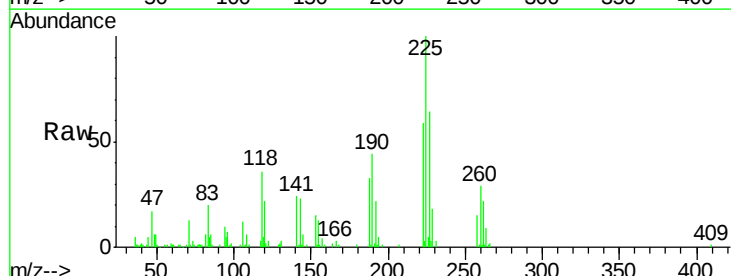
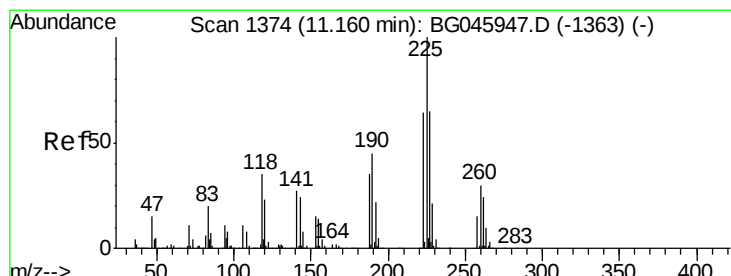
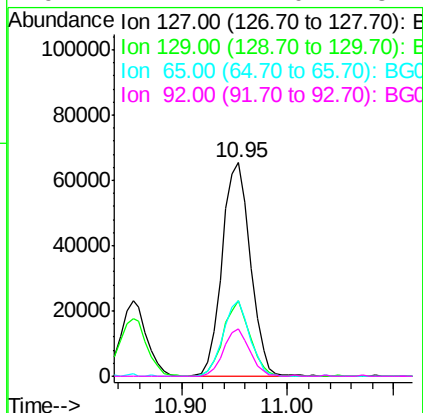




#33
4-Chloroaniline
Concen: 9.253 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

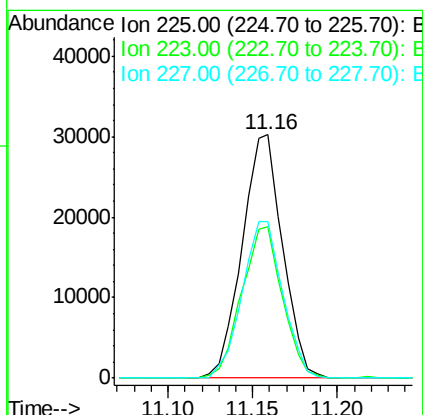
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

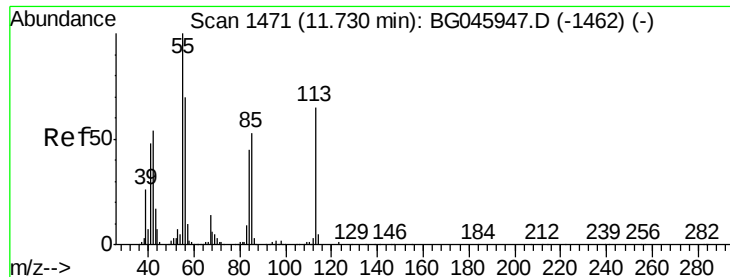
Tot Ion:127	Resp:	121631
Ion Ratio	Lower	Upper
127	100	
129	35.6	26.6 39.8
65	35.5	26.8 40.2
92	22.2	17.0 25.4



#34
Hexachlorobutadiene
Concen: 9.081 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:225	Resp:	50380
Ion Ratio	Lower	Upper
225	100	
223	62.0	51.2 76.8
227	64.4	52.3 78.5





#35

Caprolactam

Concen: 8.952 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.04 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

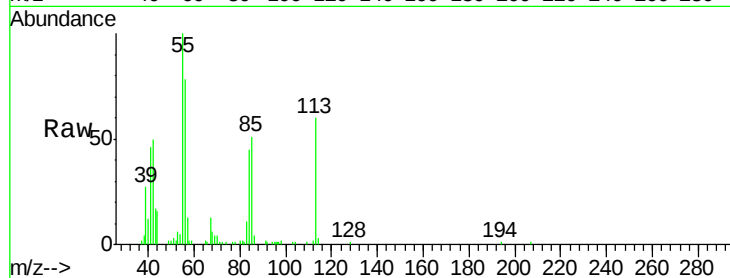
Tot Ion:113 Resp: 29147

Ion Ratio Lower Upper

113 100

55 167.3 141.6 181.6

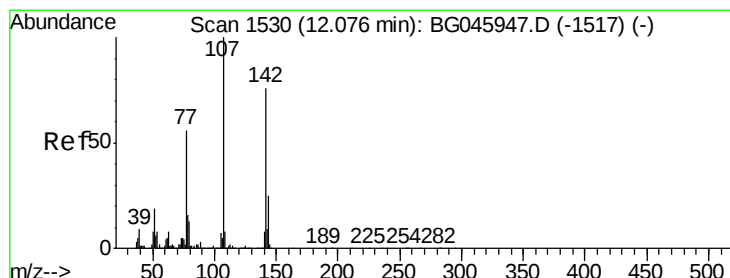
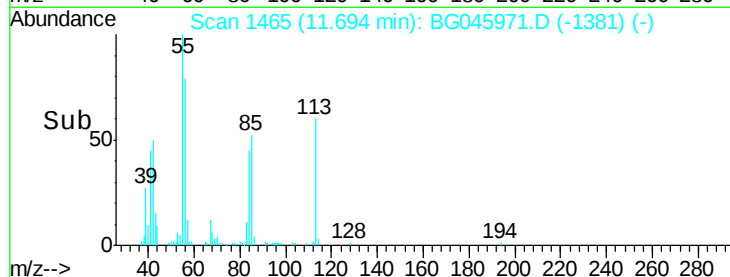
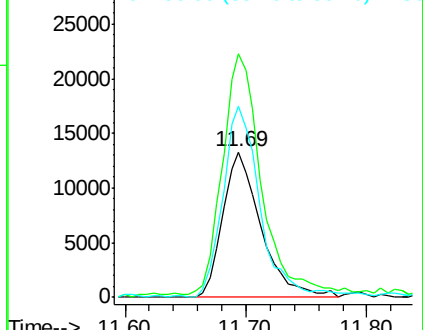
56 131.0 89.6 129.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 9.530 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

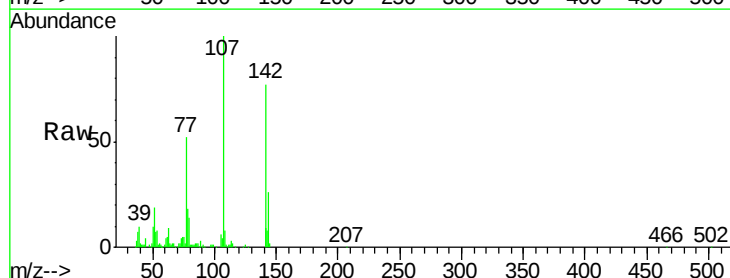
Tgt Ion:107 Resp: 93080

Ion Ratio Lower Upper

107 100

144 25.6 20.0 30.0

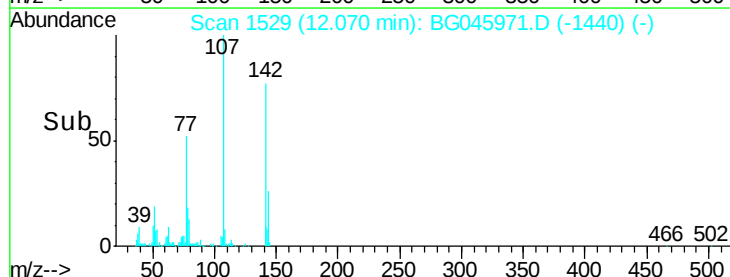
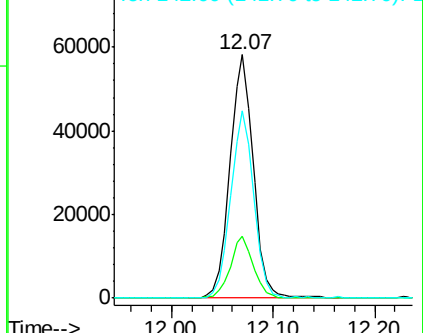
142 77.0 61.1 91.7

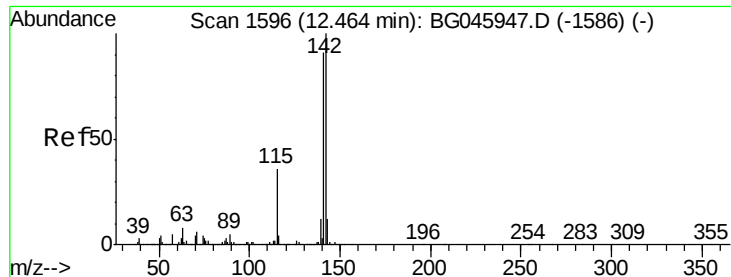


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

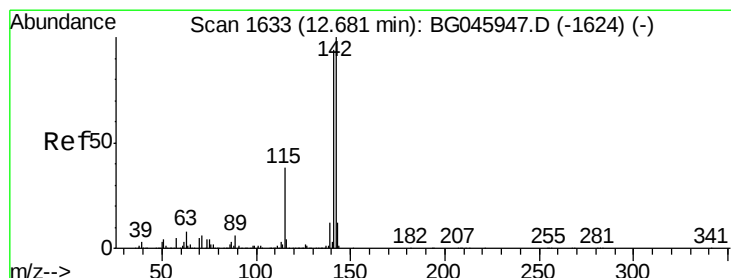
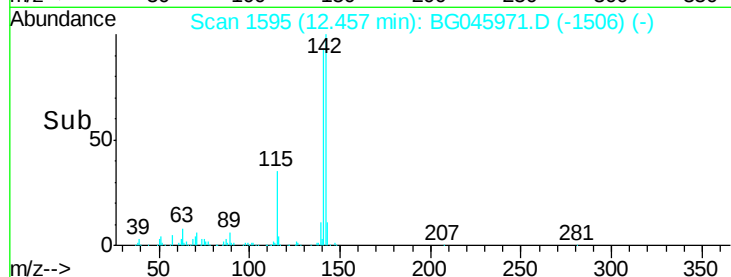
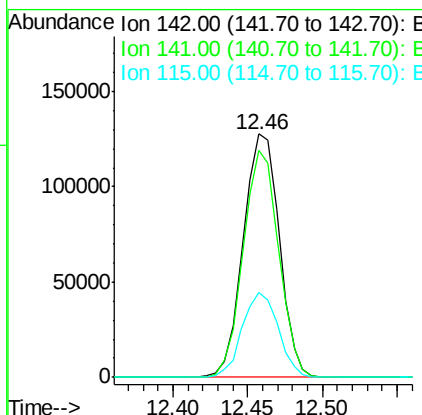
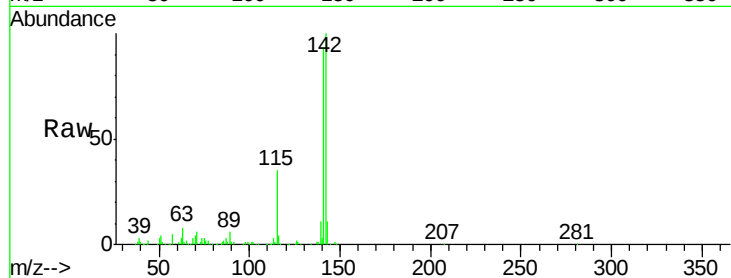




#37
2-Methylnaphthalene
Concen: 10.204 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

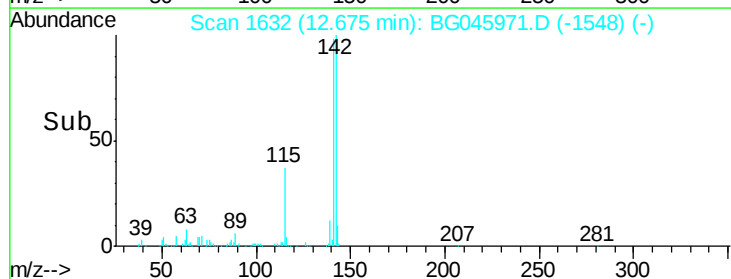
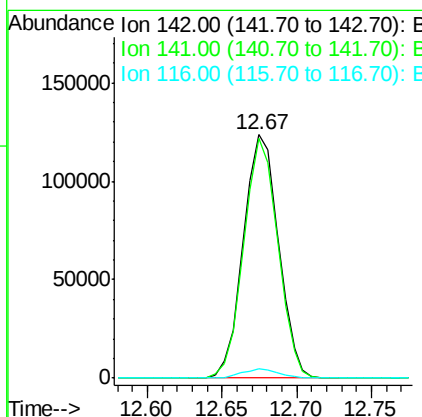
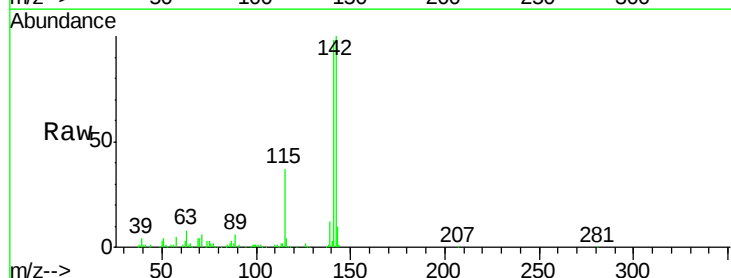
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

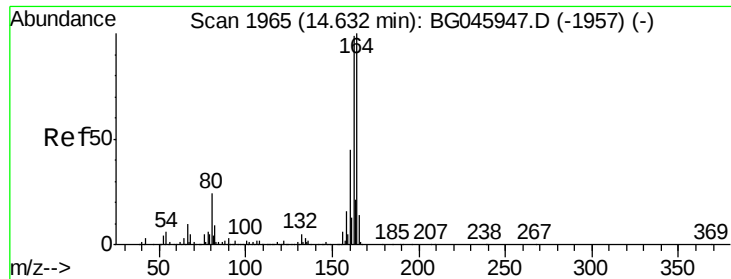
Tot Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.0	109.6
115	34.8	28.8	43.2



#38
1-Methylnaphthalene
Concen: 10.198 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.4	75.2	112.8
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

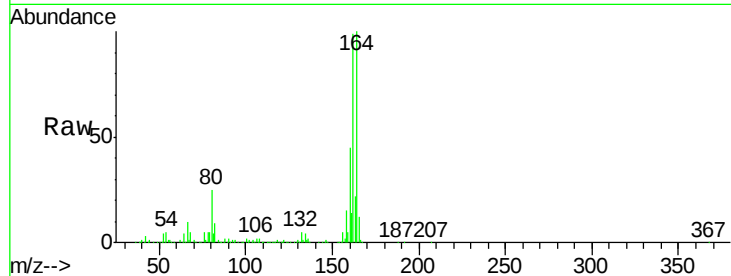
Tot Ion:164 Resp: 328965

Ion Ratio Lower Upper

164 100

162 99.2 79.3 118.9

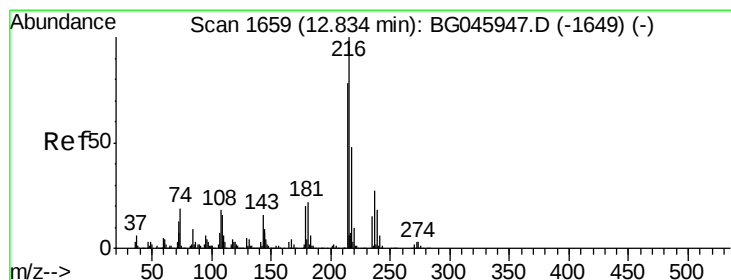
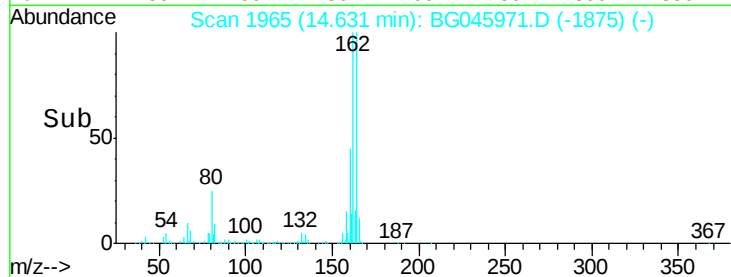
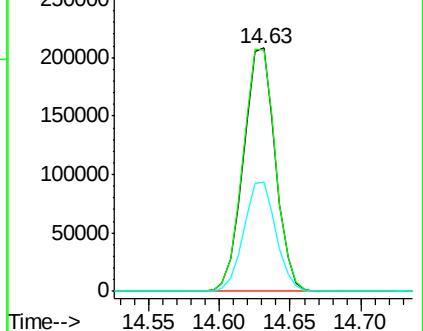
160 44.8 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.159 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Tgt Ion:216 Resp: 94207

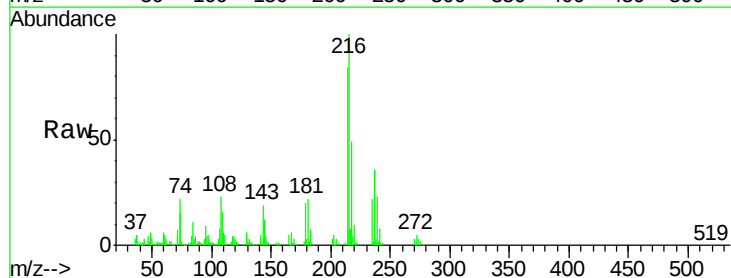
Ion Ratio Lower Upper

216 100

214 81.2 63.0 94.4

179 21.6 17.0 25.6

108 21.7 17.3 25.9

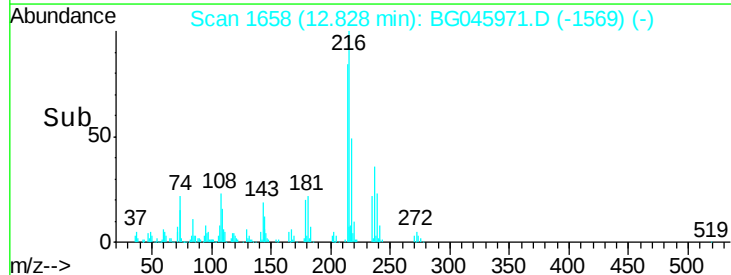
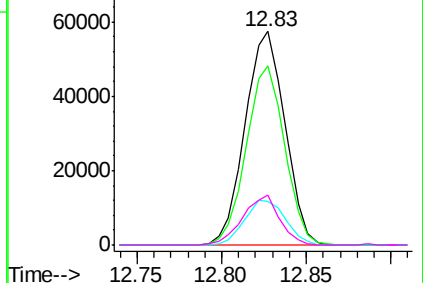


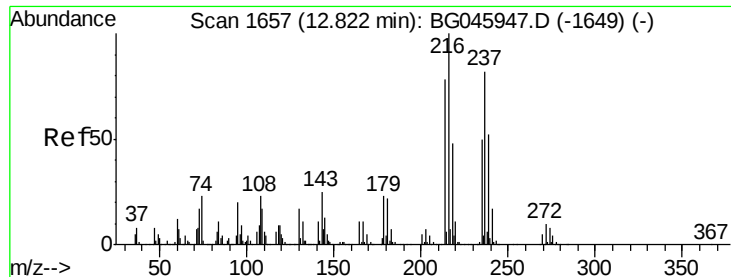
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 9.582 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

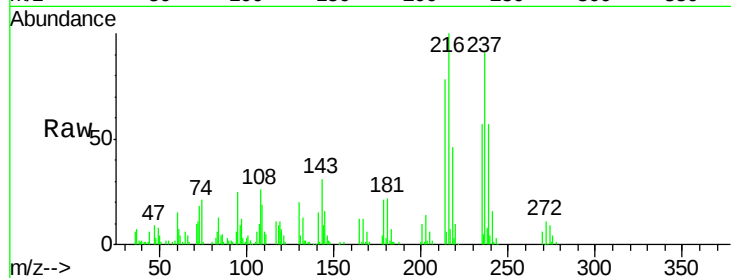
Tot Ion:237 Resp: 52723

Ion Ratio Lower Upper

237 100

235 63.4 41.5 81.5

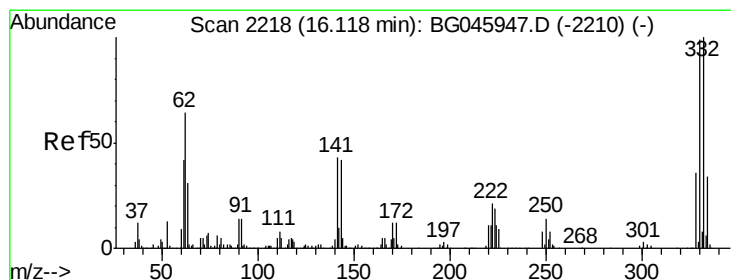
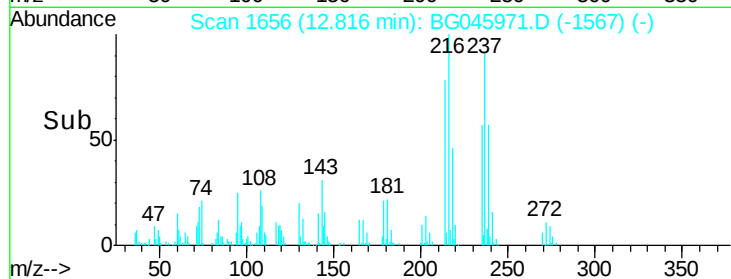
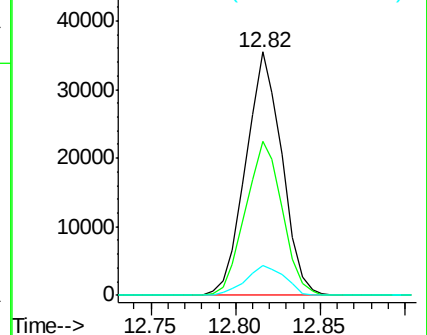
272 12.3 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 176.404 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

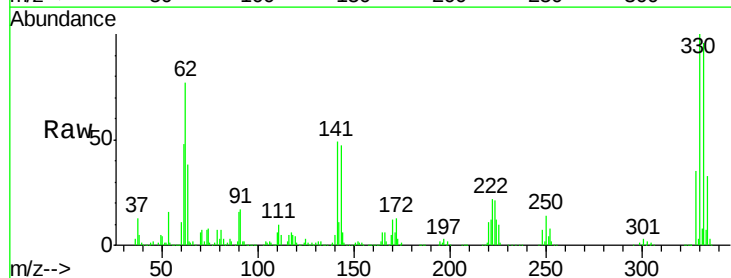
Tgt Ion:330 Resp: 538587

Ion Ratio Lower Upper

330 100

332 96.4 78.3 117.5

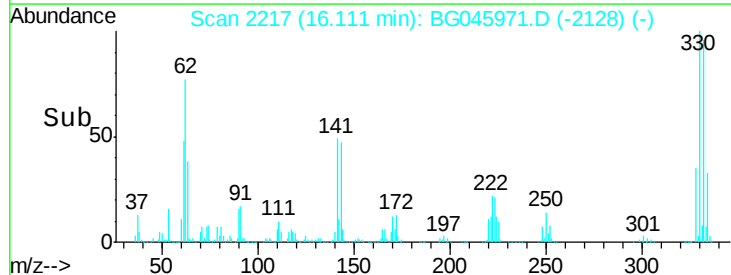
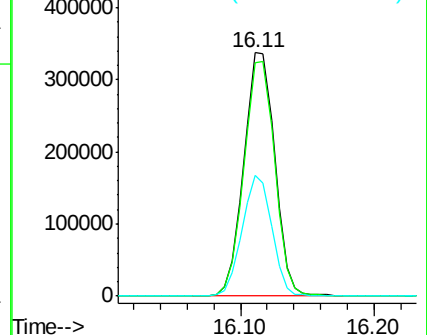
141 47.8 36.6 54.8

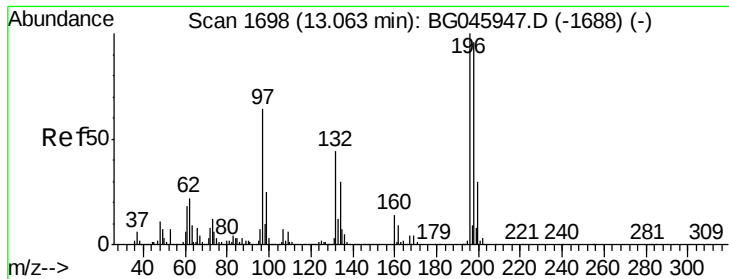


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

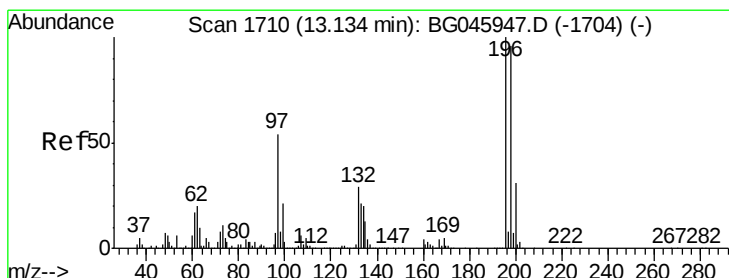
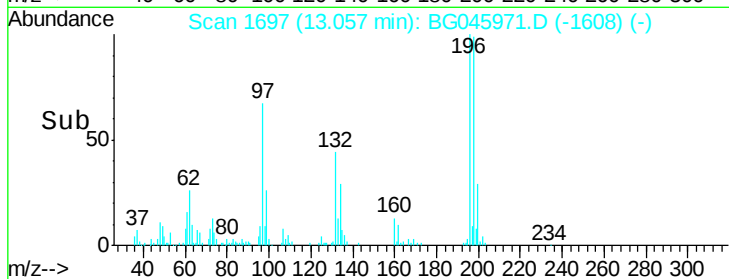
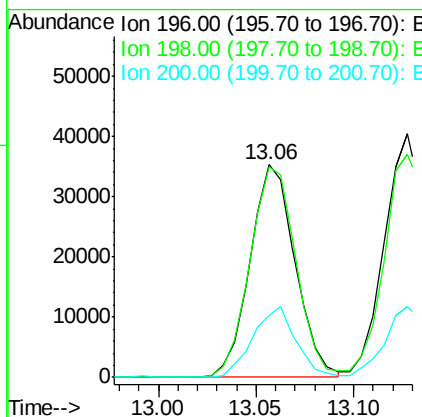
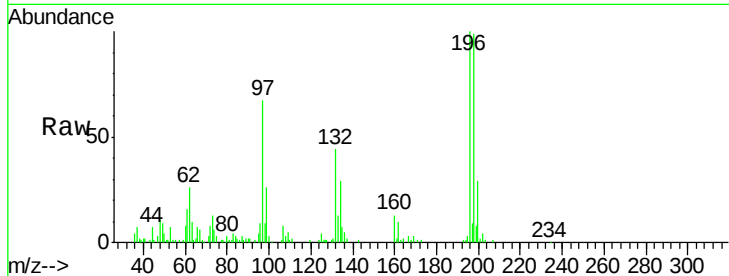




#43
 2,4,6-Trichlorophenol
 Concen: 8.990 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

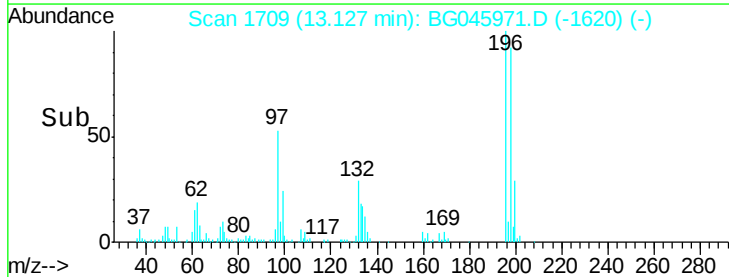
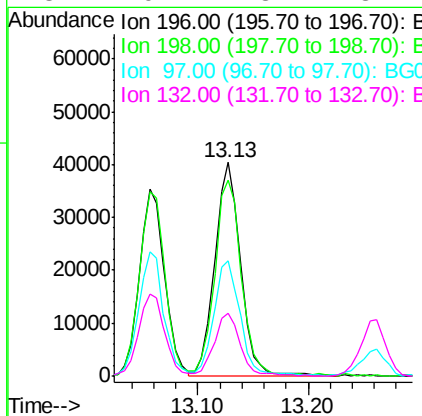
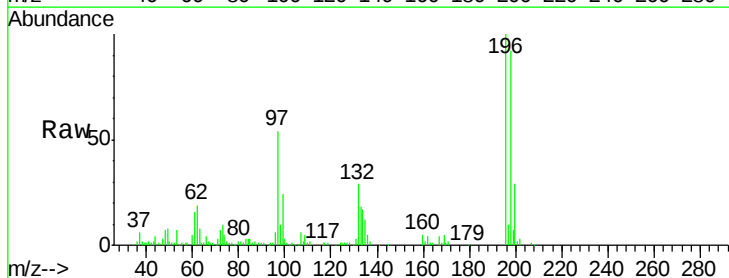
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

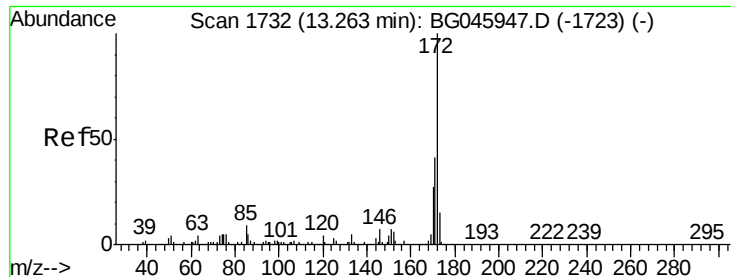
Tot Ion:196 Resp: 56378
 Ion Ratio Lower Upper
 196 100
 198 99.1 76.7 115.1
 200 29.0 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 9.255 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion:196 Resp: 65625
 Ion Ratio Lower Upper
 196 100
 198 91.7 77.0 115.6
 97 53.7 44.3 66.5
 132 29.4 23.1 34.7

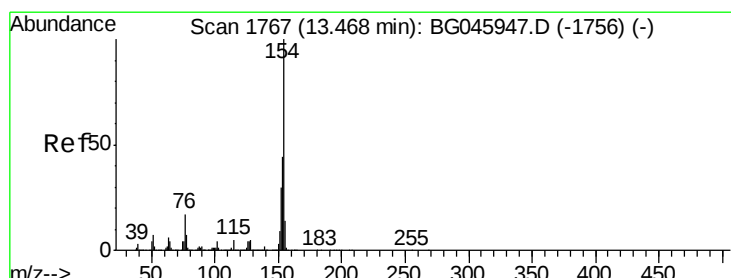
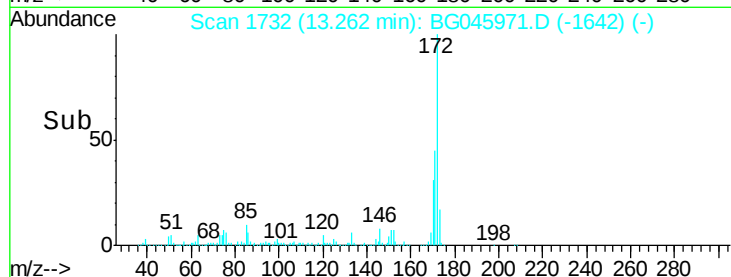
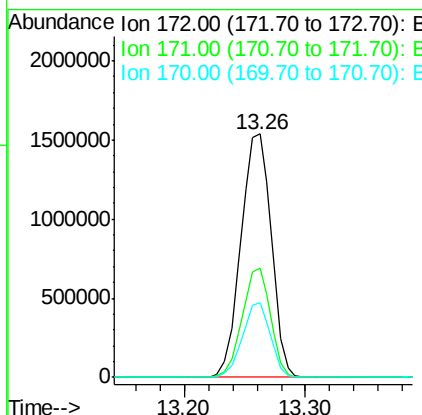
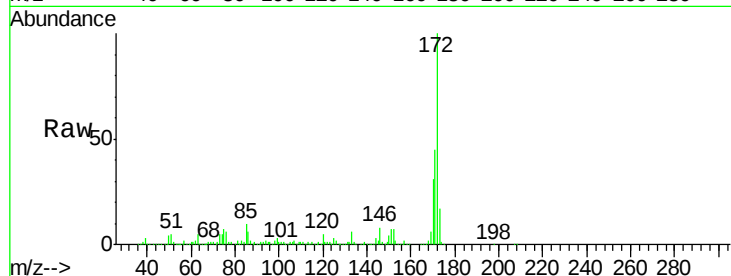




#45
2-Fluorobiphenyl
Concen: 127.922 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

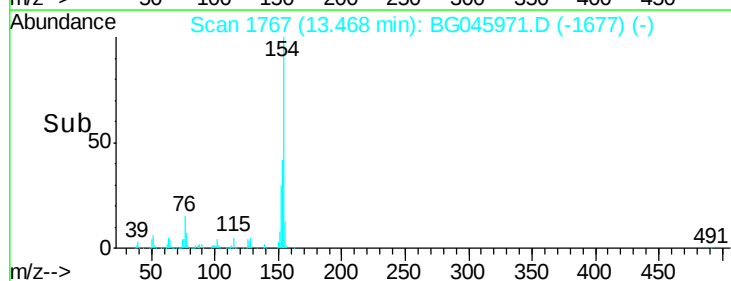
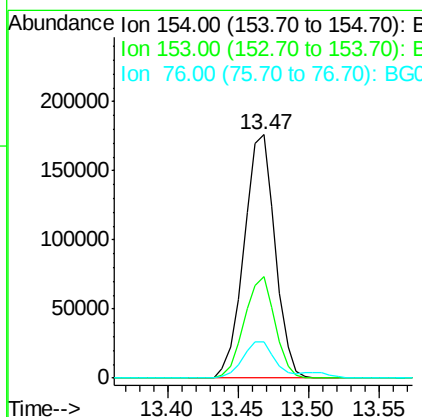
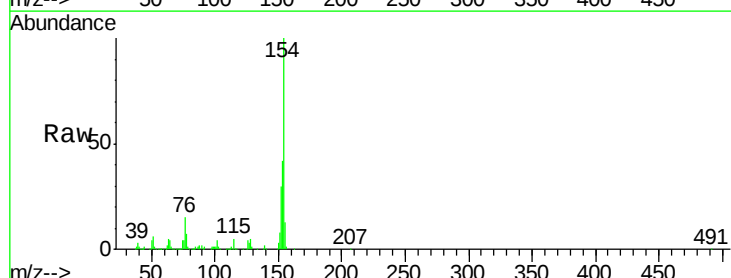
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

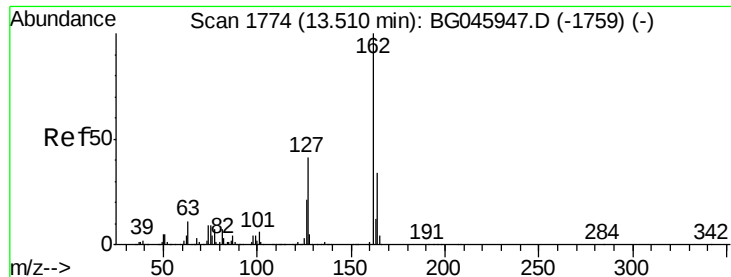
Tot Ion:172 Resp: 2697857
Ion Ratio Lower Upper
172 100
171 44.9 32.9 49.3
170 30.6 21.8 32.6



#46
1,1'-Biphenyl
Concen: 10.946 ng
RT: 13.47 min Scan# 1767
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:154 Resp: 270888
Ion Ratio Lower Upper
154 100
153 41.8 23.6 63.6
76 15.0 0.0 36.9

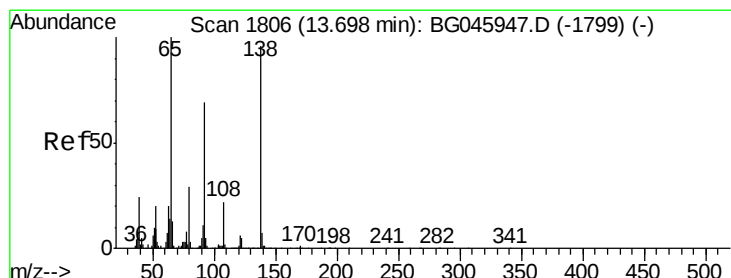
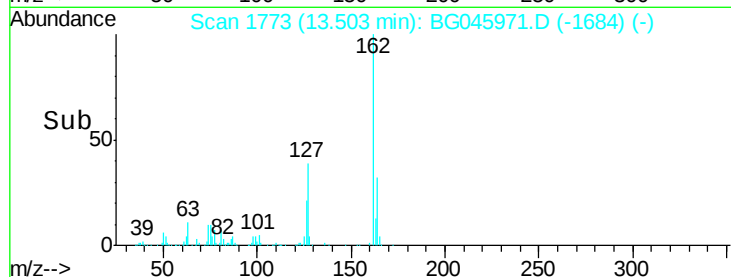
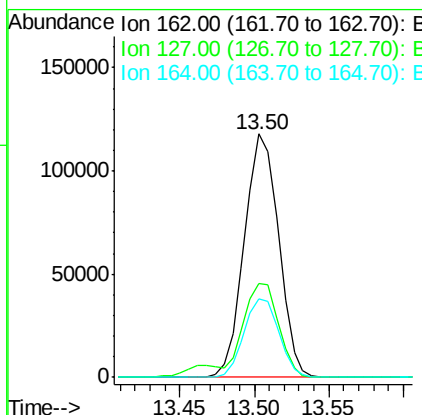
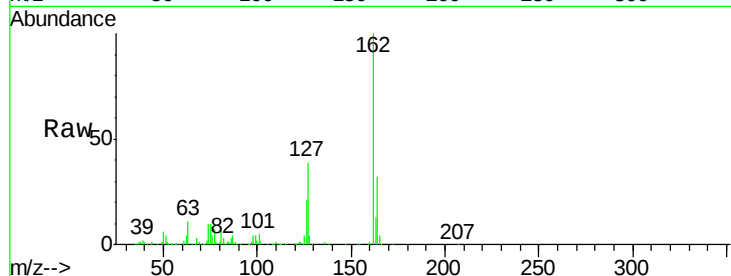




#47
2-Chloronaphthalene
Concen: 9.619 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

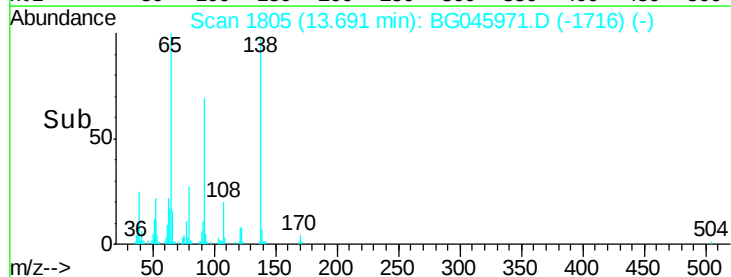
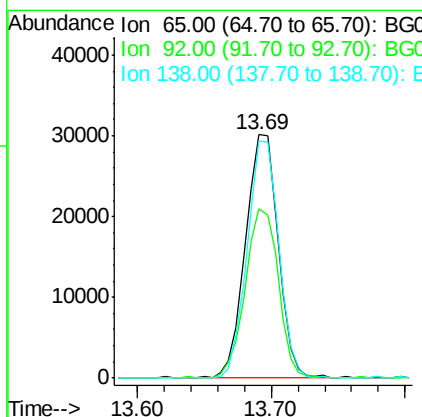
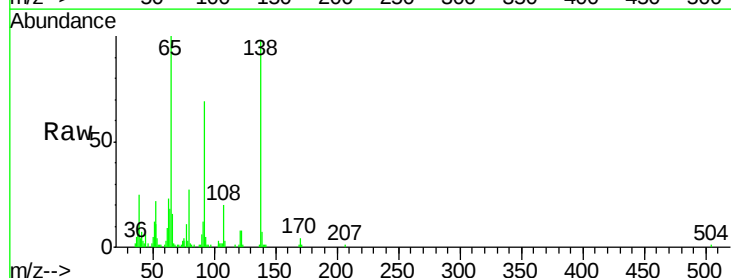
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

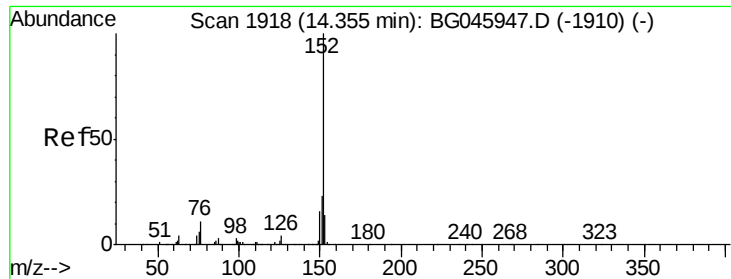
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	32.5	48.7
164	32.5	27.2	40.8



#48
2-Nitroaniline
Concen: 11.116 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.4	55.4	83.0
138	97.5	77.0	115.4





#49

Acenaphthylene

Concen: 10.193 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

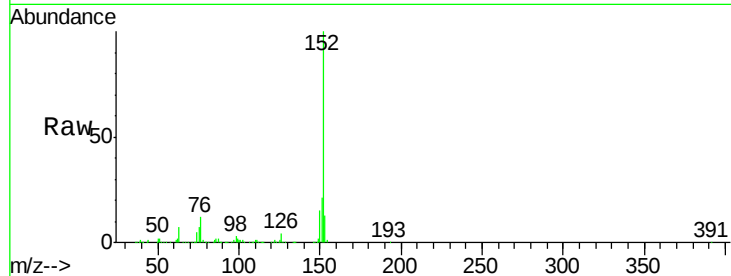
Tot Ion:152 Resp: 321118

Ion Ratio Lower Upper

152 100

151 21.2 18.1 27.1

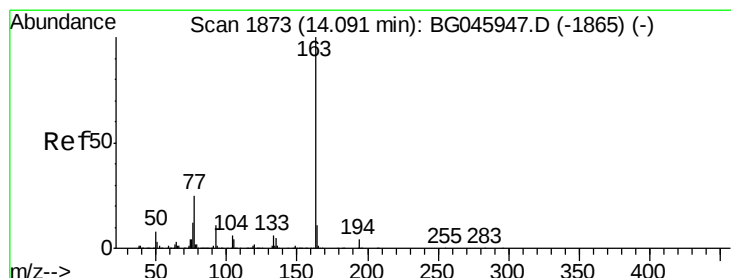
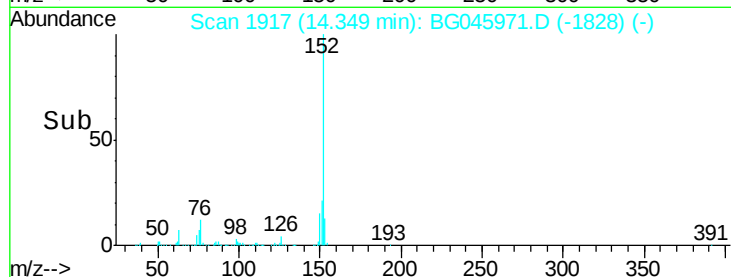
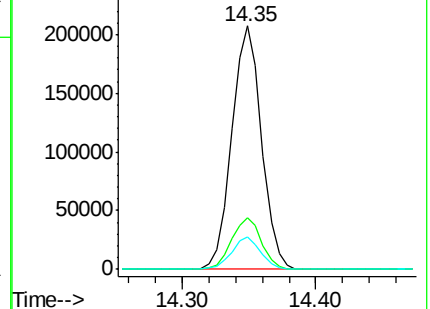
153 13.1 11.5 17.3



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 9.556 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

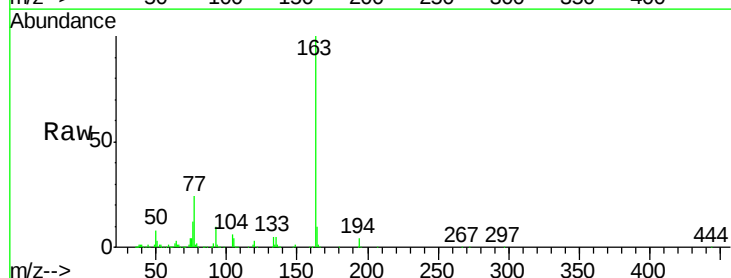
Tgt Ion:163 Resp: 235918

Ion Ratio Lower Upper

163 100

194 3.7 3.6 5.4

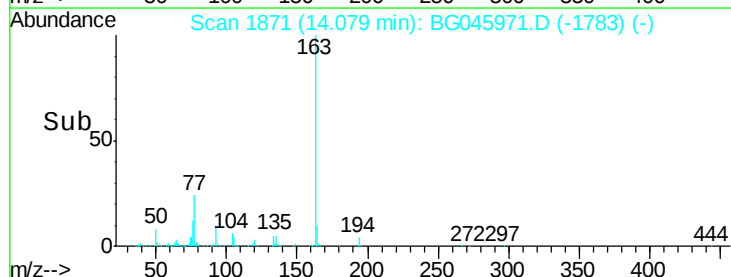
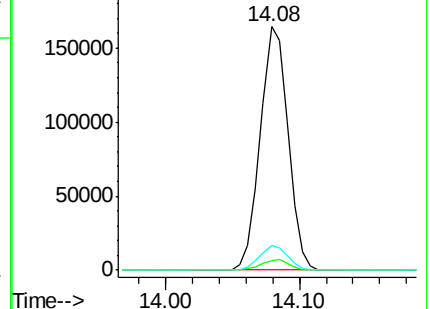
164 10.2 8.9 13.3

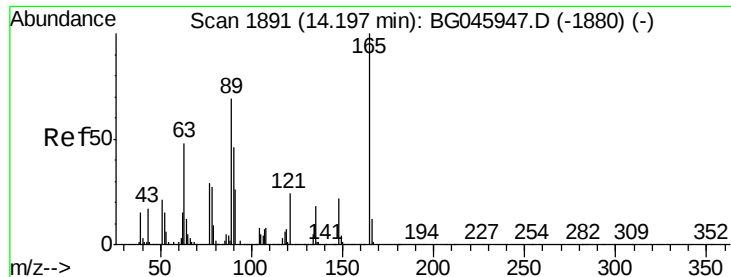


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

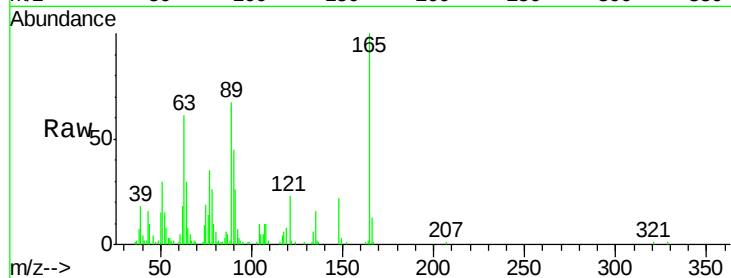




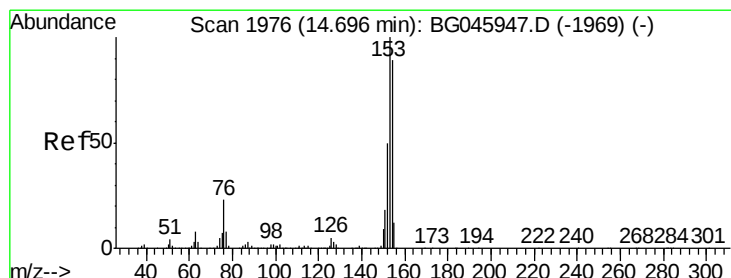
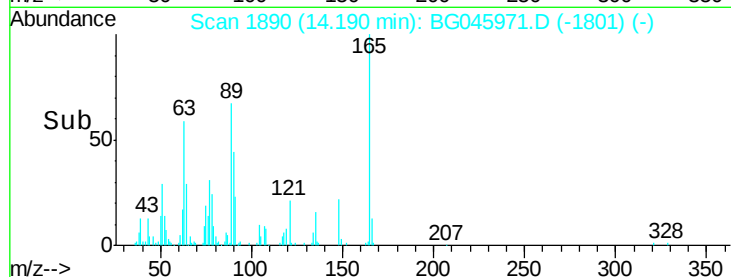
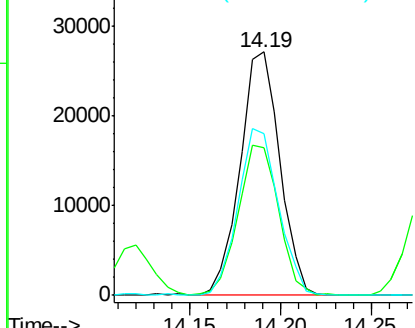
#51
2,6-Dinitrotoluene
Concen: 10.788 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 41327
Ion Ratio Lower Upper
165 100
63 60.8 51.0 76.4
89 66.5 55.7 83.5

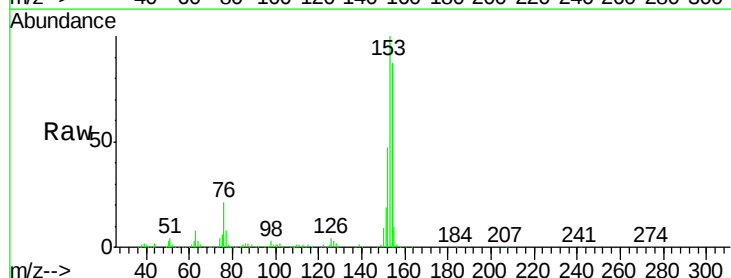


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

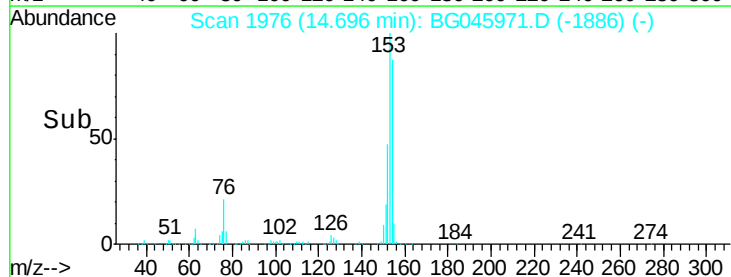
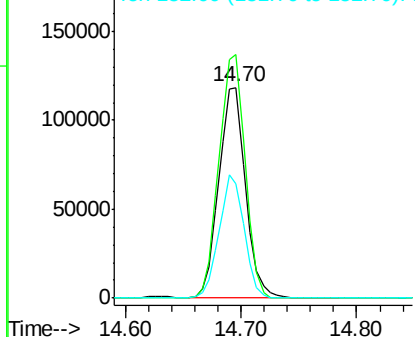


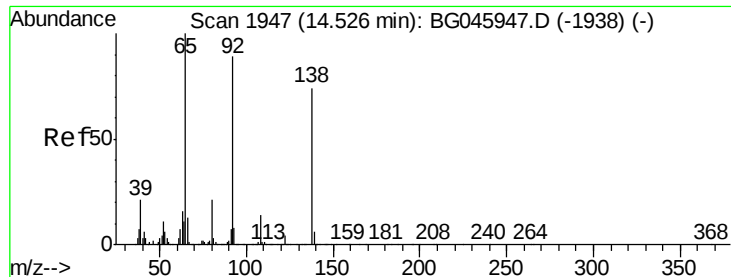
#52
Acenaphthene
Concen: 9.557 ng
RT: 14.70 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:154 Resp: 189911
Ion Ratio Lower Upper
154 100
153 115.6 89.7 134.5
152 54.6 44.7 67.1



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

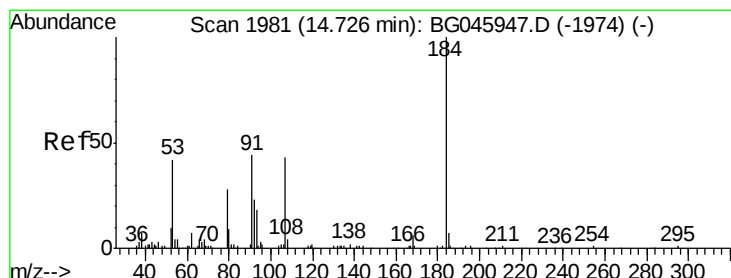
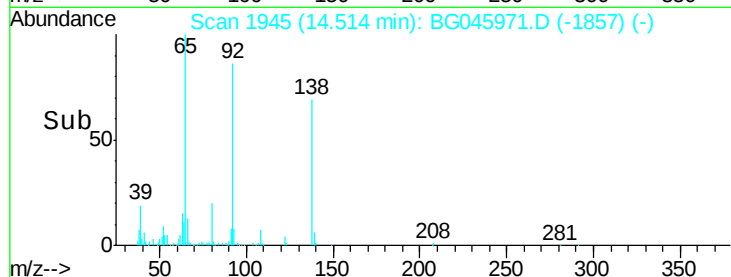
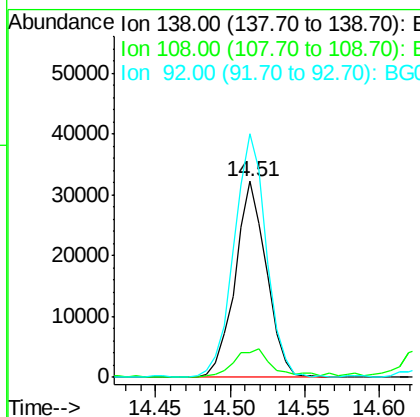
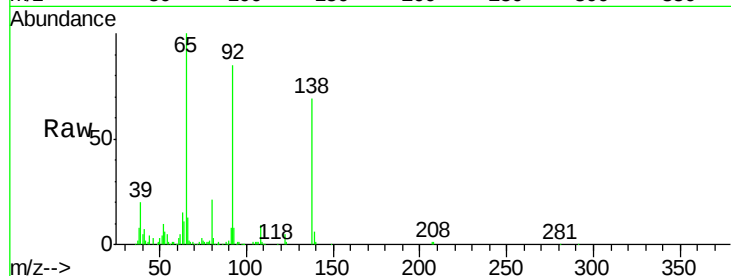




#53
3-Nitroaniline
Concen: 9.932 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

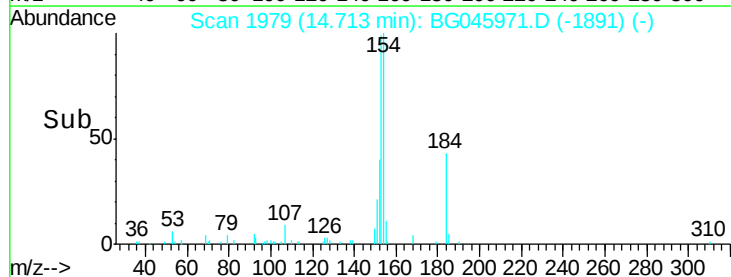
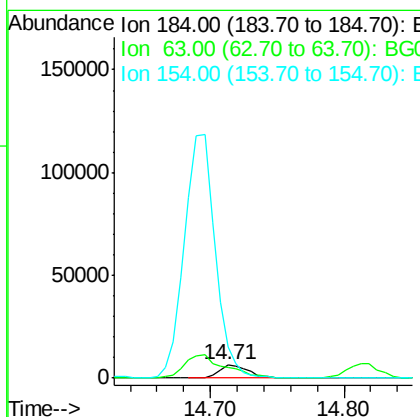
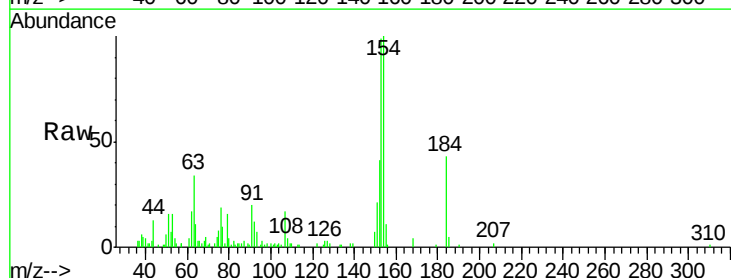
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

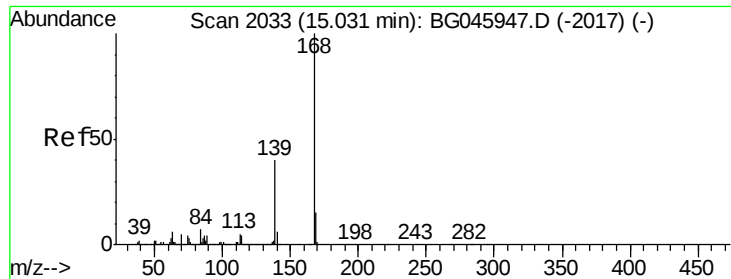
Tot Ion:138 Resp: 47150
Ion Ratio Lower Upper
138 100
108 12.6 15.4 23.2#
92 124.1 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 7.843 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:184 Resp: 10598
Ion Ratio Lower Upper
184 100
63 79.4 46.0 69.0#
154 230.8 58.2 87.2#

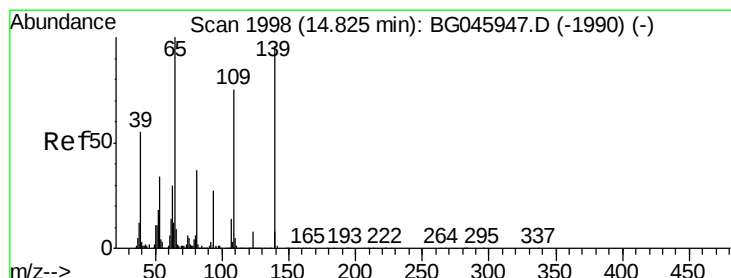
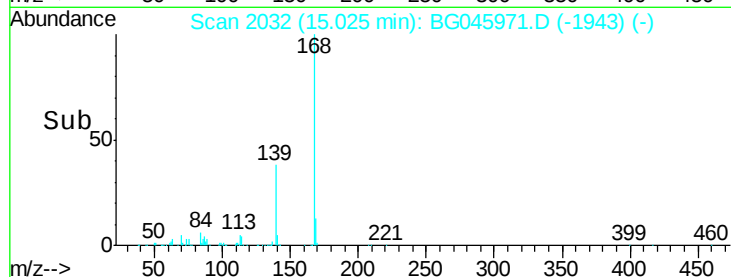
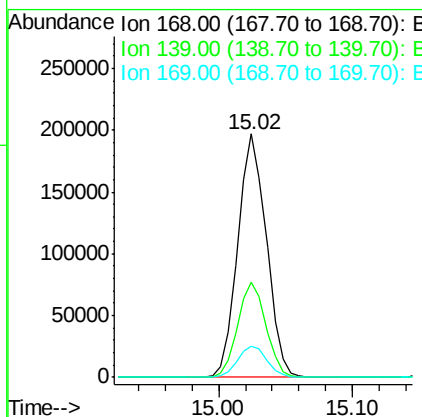
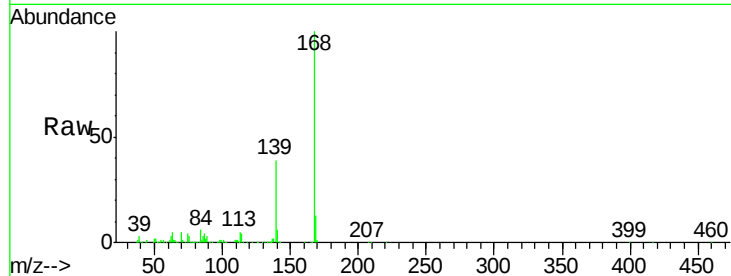




#55
Dibenzofuran
Concen: 9.995 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

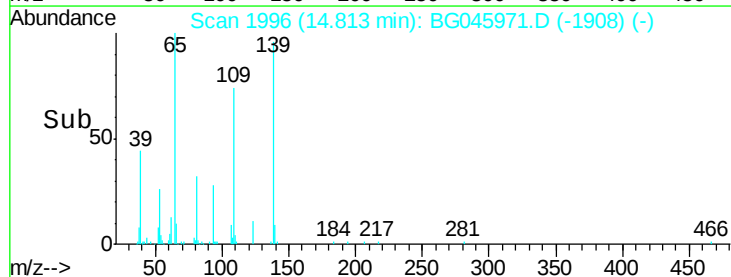
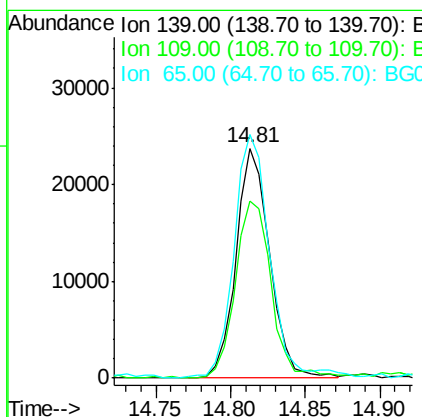
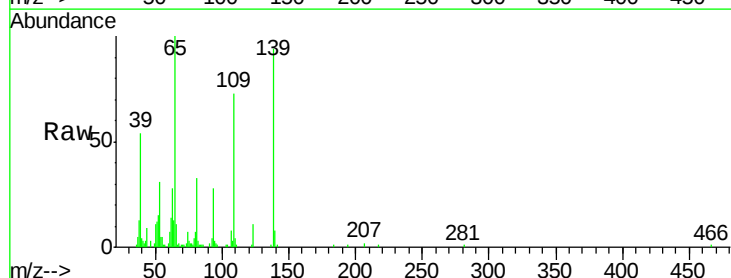
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

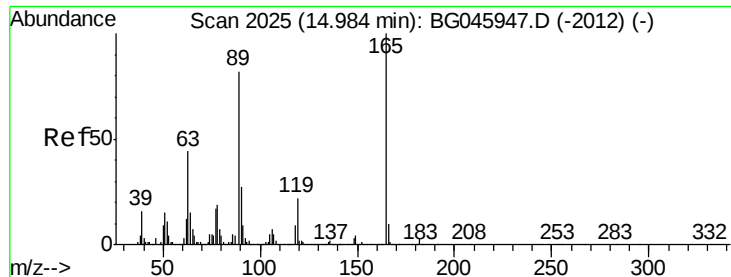
Tot Ion:168 Resp: 291129
Ion Ratio Lower Upper
168 100
139 39.3 32.2 48.2
169 12.9 11.8 17.8



#56
4-Nitrophenol
Concen: 9.244 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:139 Resp: 37182
Ion Ratio Lower Upper
139 100
109 77.1 58.5 98.5
65 105.9 84.7 124.7





#57

2,4-Dinitrotoluene

Concen: 10.874 ng

RT: 14.97 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 51470

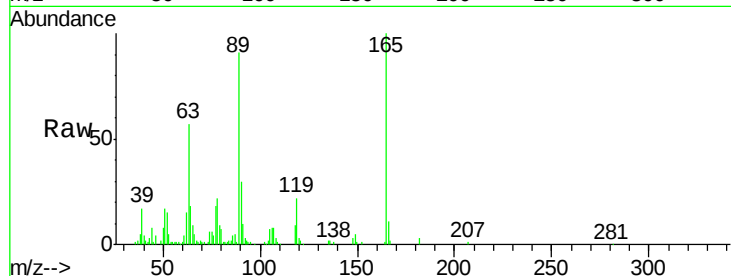
Ion Ratio Lower Upper

165 100

63 56.5 35.4 53.0#

89 90.6 65.4 98.2

182 2.7 2.0 3.0



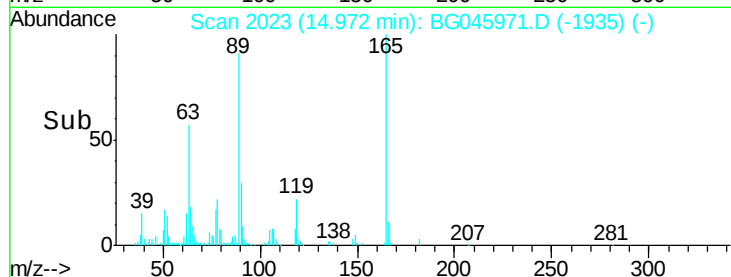
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

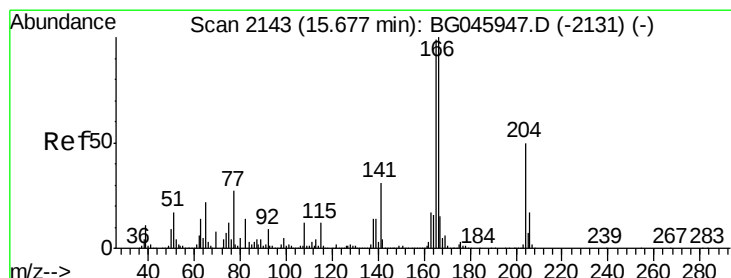
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

Time-->



Time-->



#58

Fluorene

Concen: 9.966 ng

RT: 15.68 min Scan# 2143

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

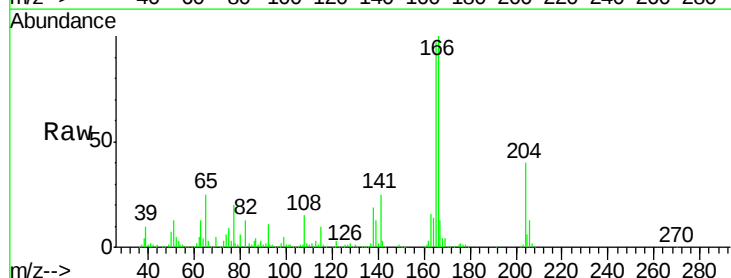
Tgt Ion:166 Resp: 238129

Ion Ratio Lower Upper

166 100

165 96.6 78.9 118.3

167 13.2 12.1 18.1

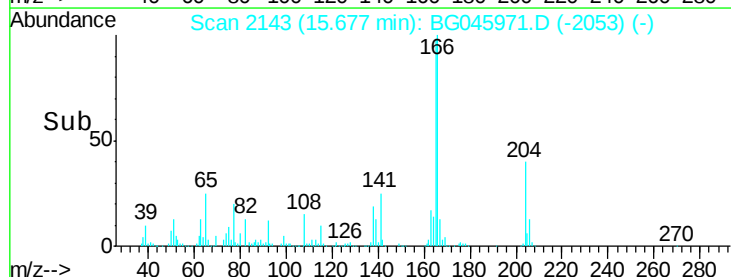


Abundance Ion 166.00 (165.70 to 166.70): E

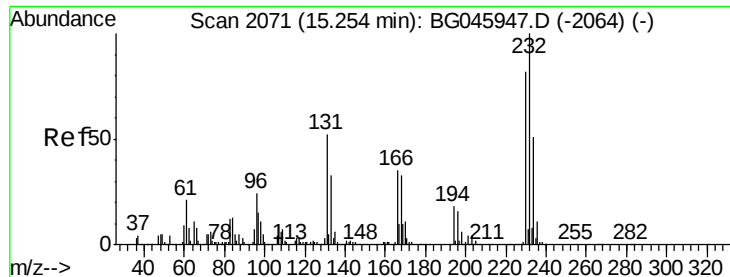
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



#59

2,3,4,6-Tetrachlorophenol

Concen: 9.298 ng

RT: 15.17 min Scan# 2056

Delta R.T. -0.09 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:232 Resp: 50907

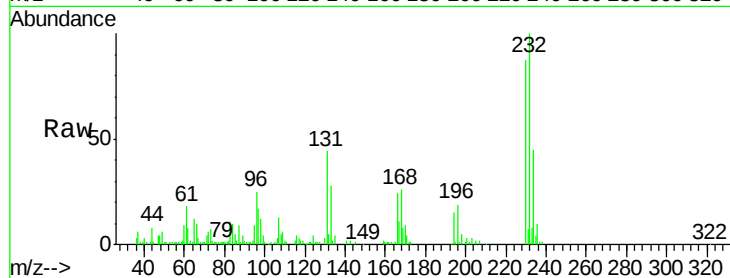
Ion Ratio Lower Upper

232 100

131 44.5 35.8 53.6

130 3.0 2.5 3.7

166 25.8 21.8 32.8



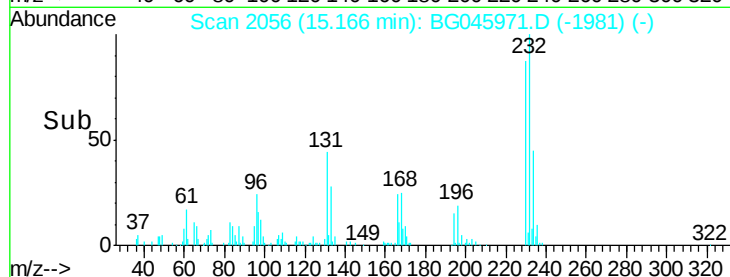
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

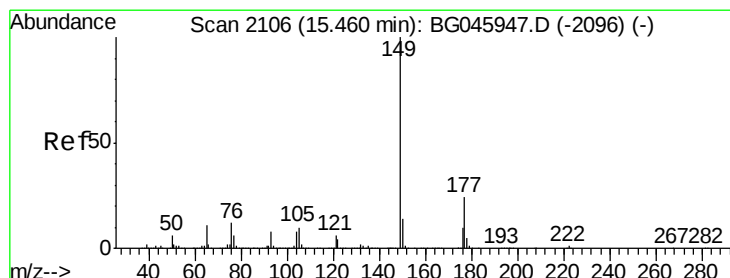
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

Time-->



Time-->



#60

Diethylphthalate

Concen: 9.423 ng

RT: 15.45 min Scan# 2104

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

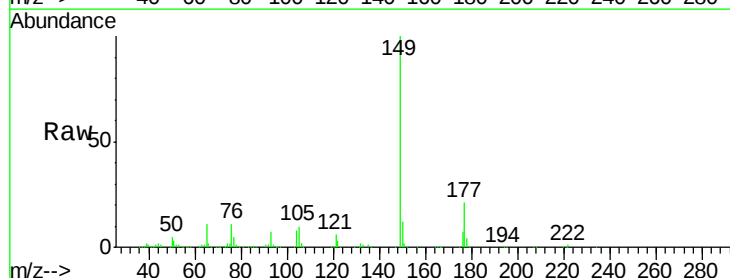
Tgt Ion:149 Resp: 243984

Ion Ratio Lower Upper

149 100

177 21.1 19.0 28.4

150 12.2 11.0 16.4

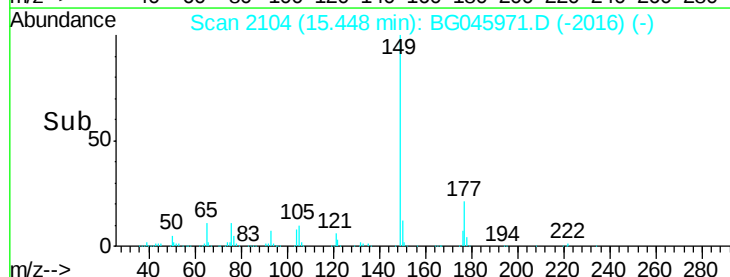


Abundance Ion 149.00 (148.70 to 149.70): E

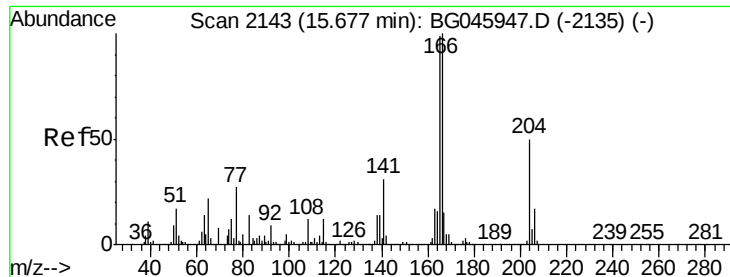
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

Time-->



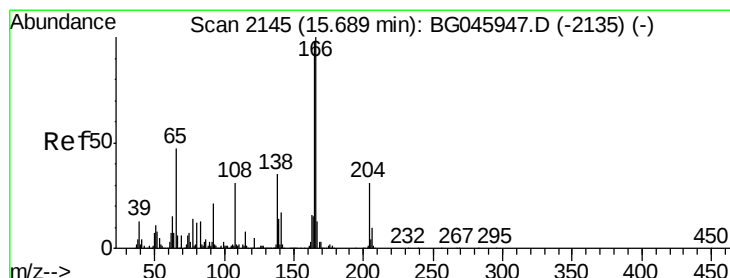
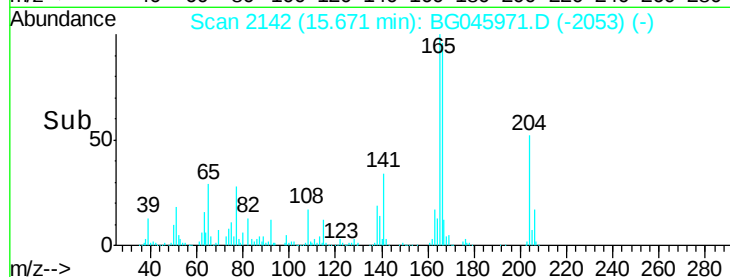
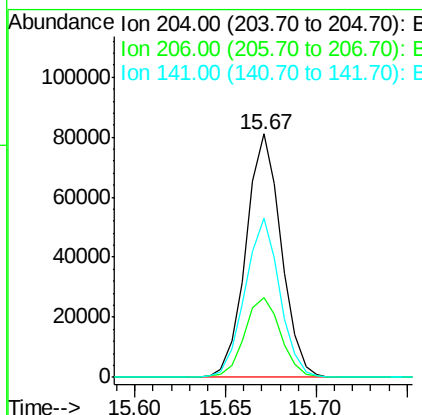
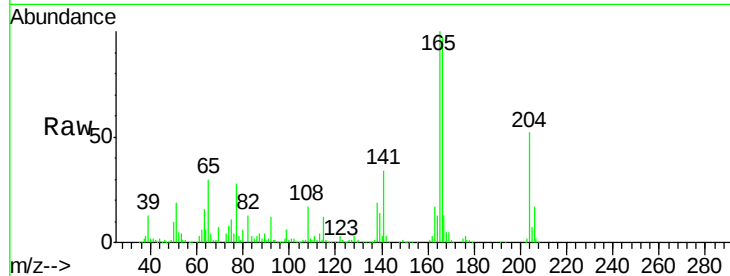
Time-->



#61
4-Chlorophenyl-phenylether
Concen: 9.236 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

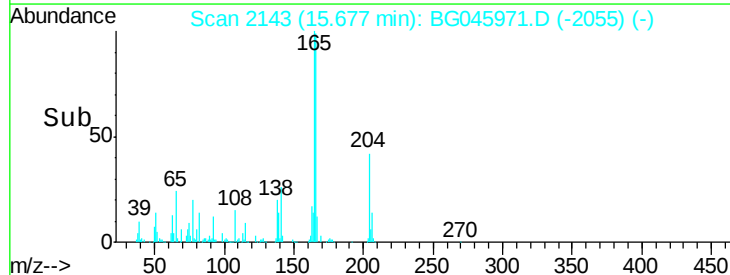
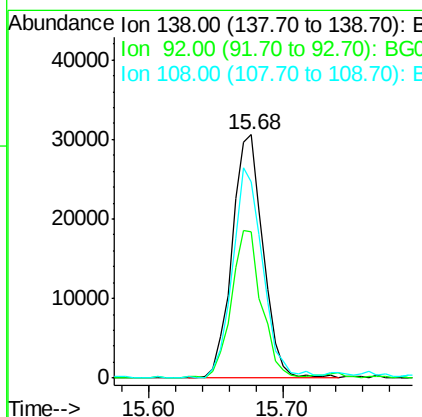
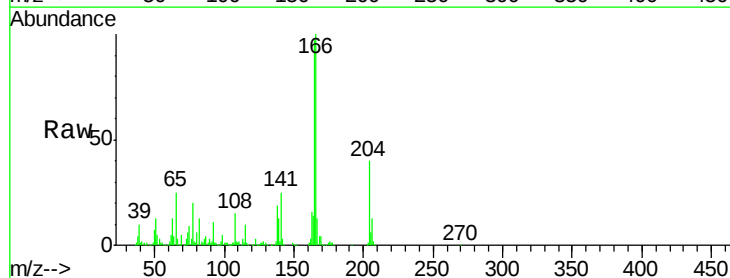
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

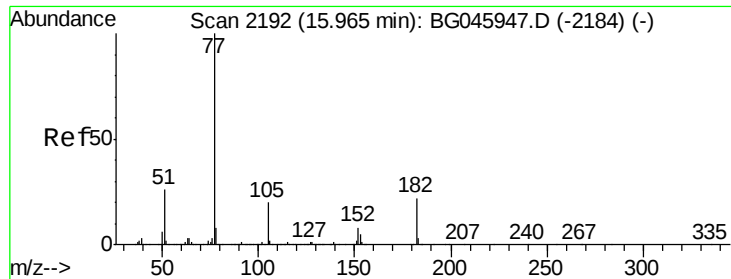
Tot Ion:204 Resp: 109797
Ion Ratio Lower Upper
204 100
206 32.9 27.1 40.7
141 65.5 49.8 74.8



#62
4-Nitroaniline
Concen: 9.658 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:138 Resp: 49280
Ion Ratio Lower Upper
138 100
92 59.8 40.3 80.3
108 80.8 68.0 108.0

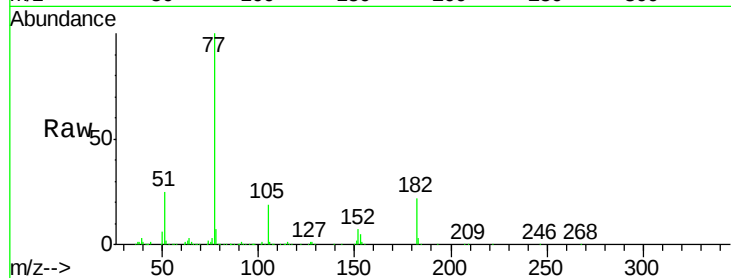




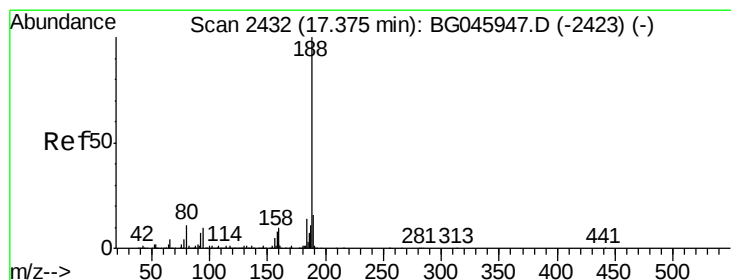
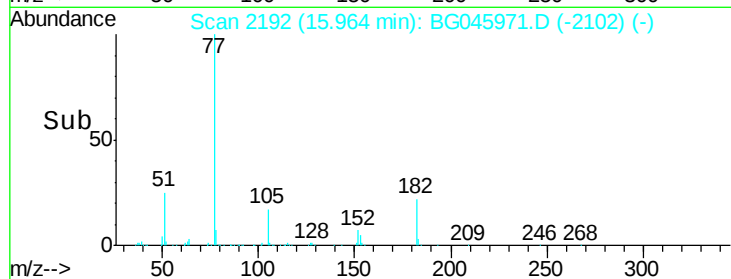
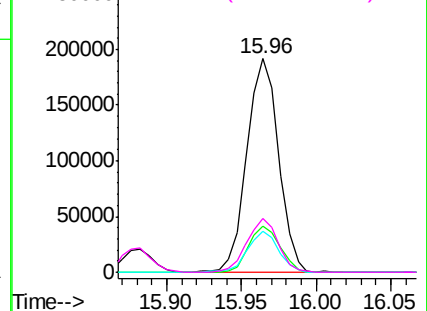
#63
Azobenzene
Concen: 10.130 ng
RT: 15.96 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:	77	Resp:	281505
Ion	Ratio	Lower	Upper
77	100		
182	21.7	2.4	42.4
105	19.4	0.3	40.3
51	25.5	6.3	46.3

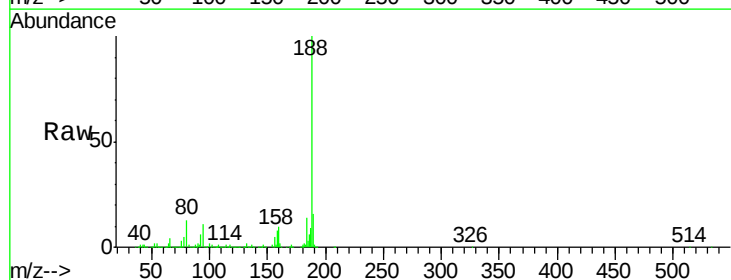


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

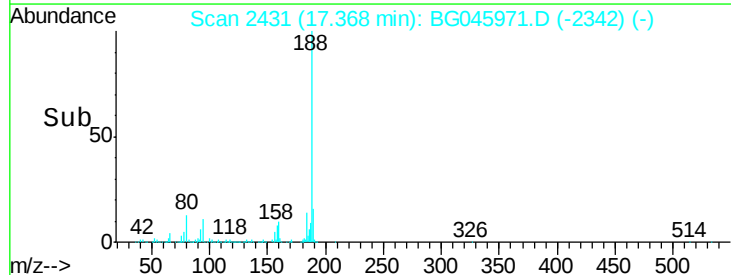
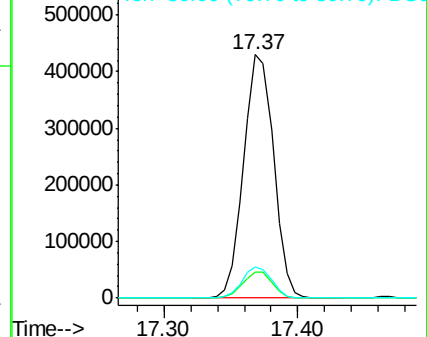


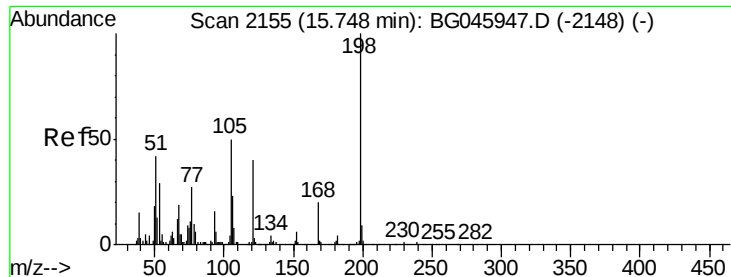
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:	188	Resp:	666134
Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.2	12.4
80	12.6	9.0	13.6



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 8.888 ng

RT: 15.74 min Scan# 2154

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

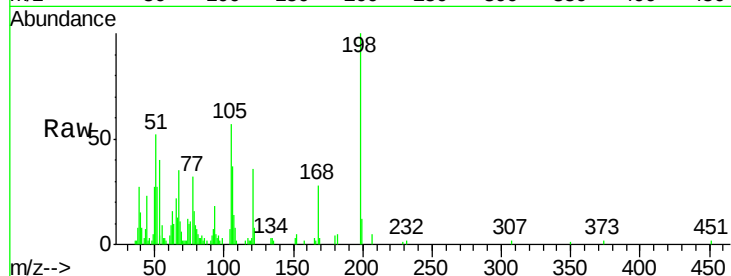
Tot Ion:198 Resp: 17341

Ion Ratio Lower Upper

198 100

51 51.9 24.5 64.5

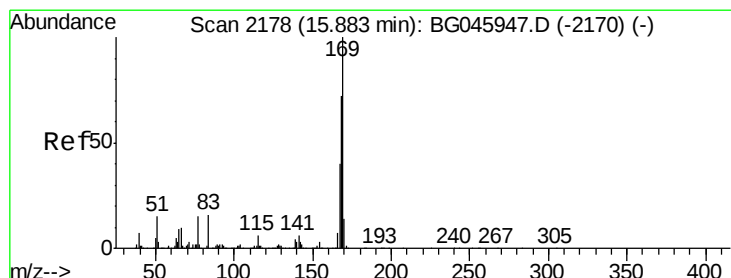
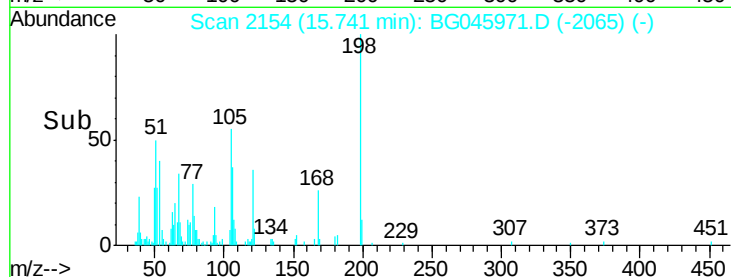
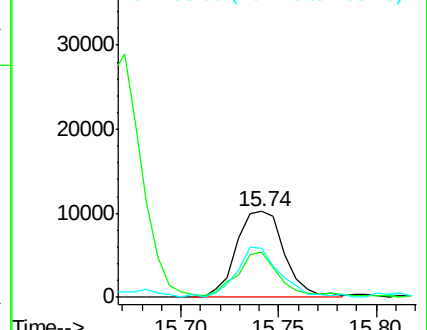
105 56.7 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 9.968 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

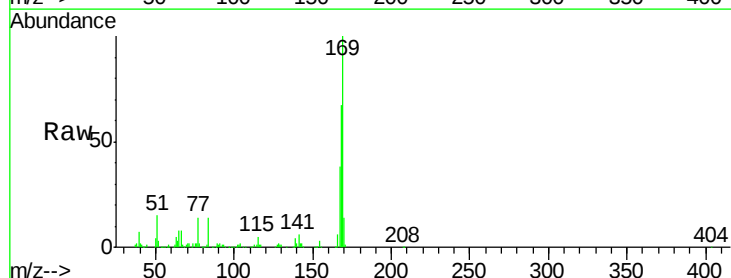
Tgt Ion:169 Resp: 205771

Ion Ratio Lower Upper

169 100

168 67.4 57.3 85.9

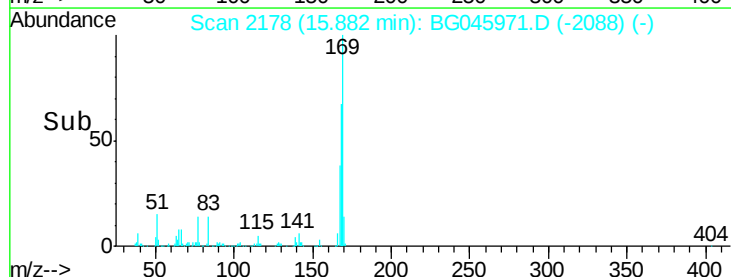
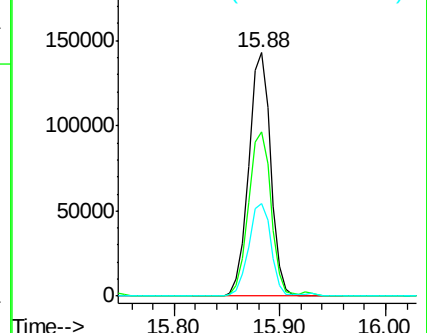
167 38.1 32.1 48.1

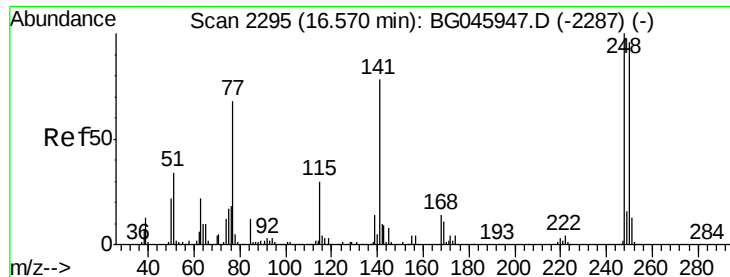


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

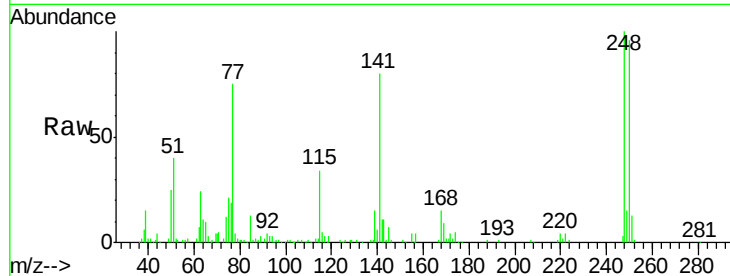




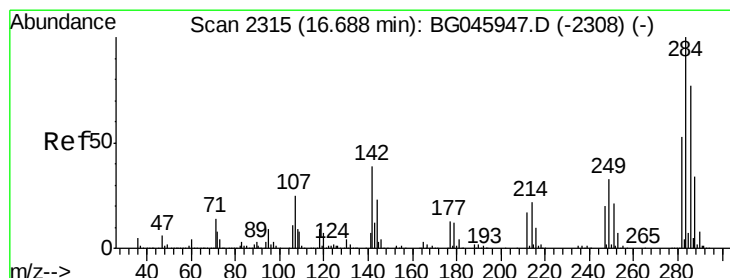
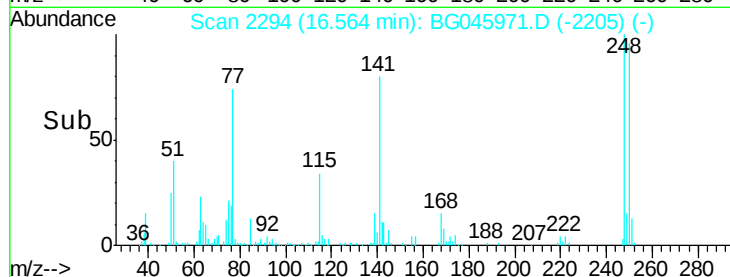
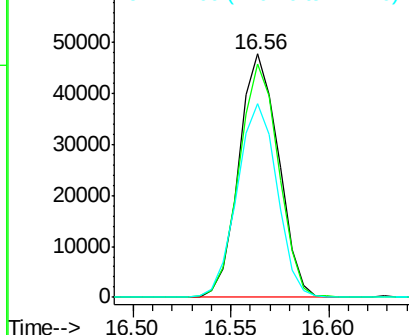
#67
4-Bromophenyl-phenylether
Concen: 9.030 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:248 Resp: 67184
Ion Ratio Lower Upper
248 100
250 95.6 76.6 114.8
141 79.8 62.7 94.1

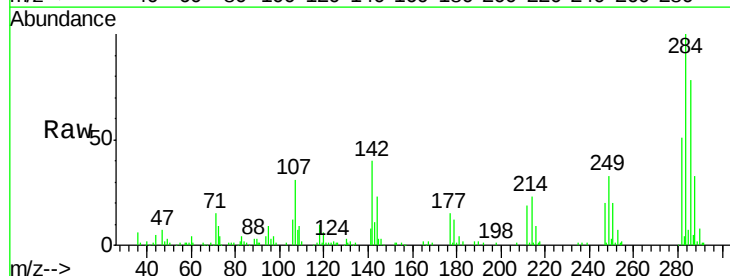


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

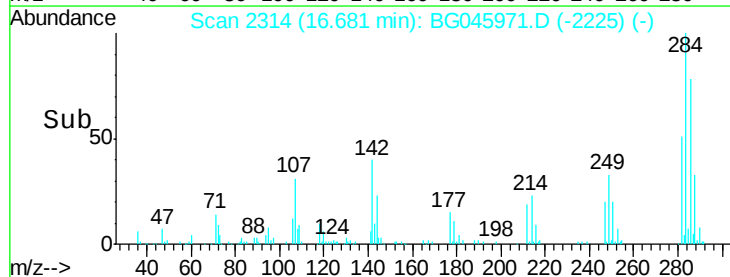
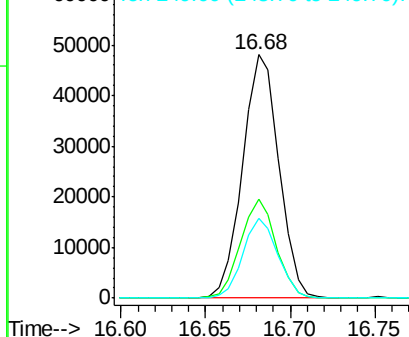


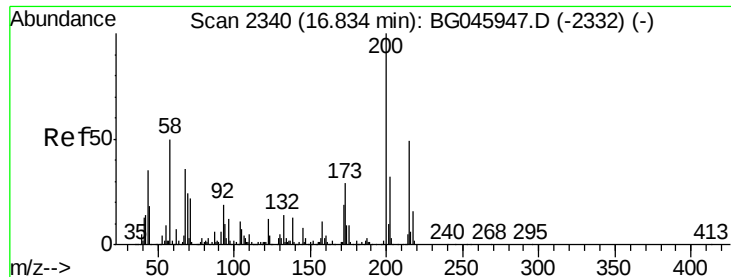
#68
Hexachlorobenzene
Concen: 9.637 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:284 Resp: 71943
Ion Ratio Lower Upper
284 100
142 40.5 31.3 46.9
249 32.6 26.8 40.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 11.357 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

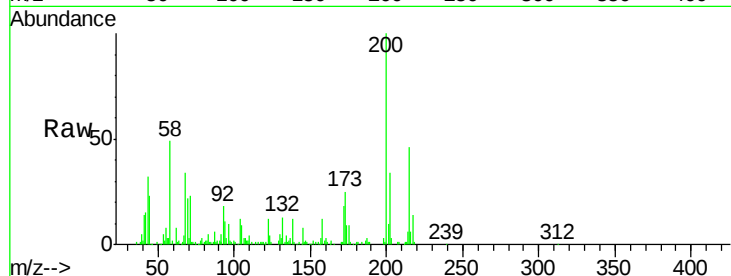
Tot Ion:200 Resp: 69314

Ion Ratio Lower Upper

200 100

173 24.9 9.1 49.1

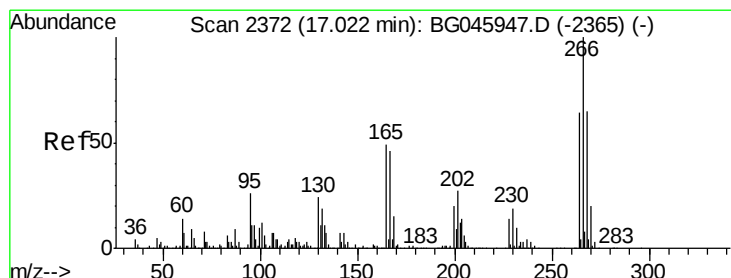
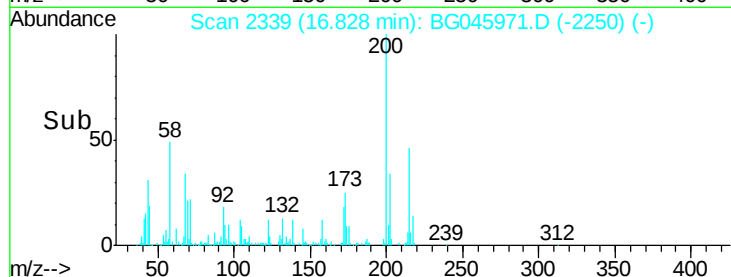
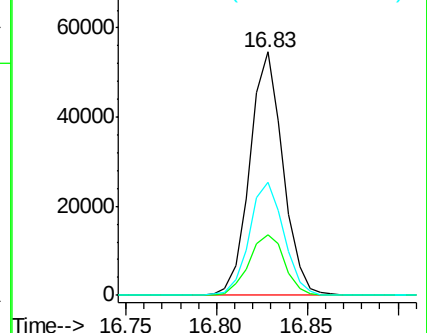
215 46.5 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 8.920 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

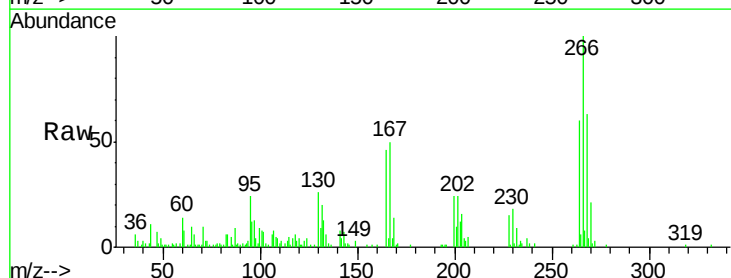
Tgt Ion:266 Resp: 37027

Ion Ratio Lower Upper

266 100

268 63.5 51.8 77.8

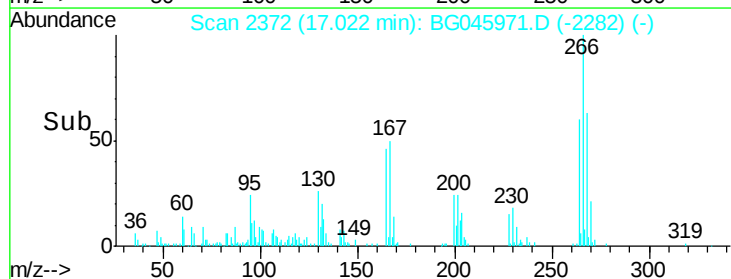
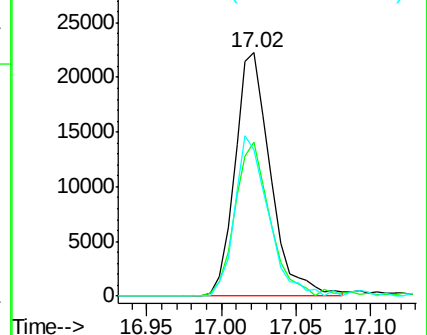
264 60.4 51.4 77.0

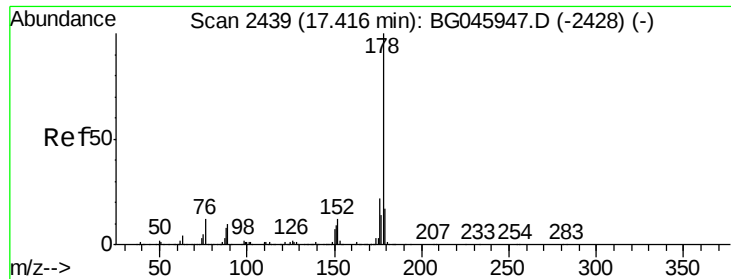


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

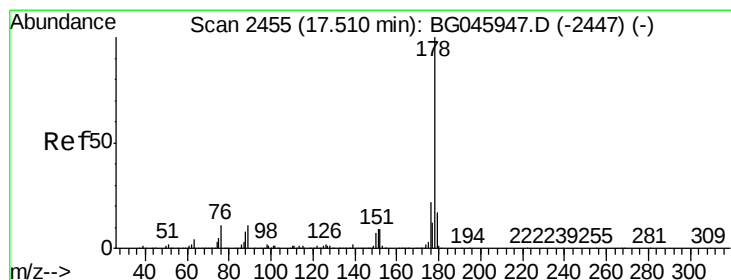
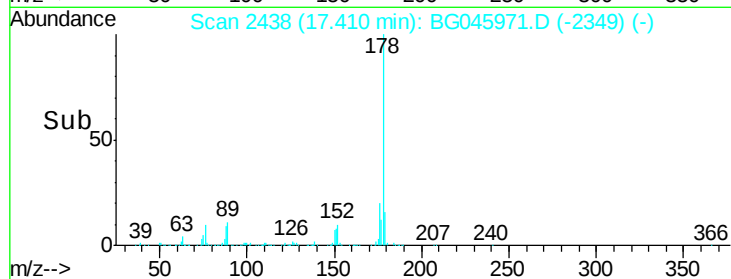
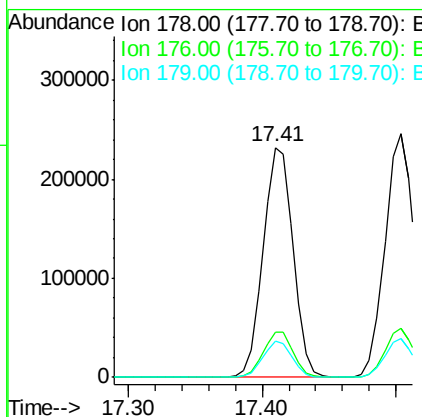
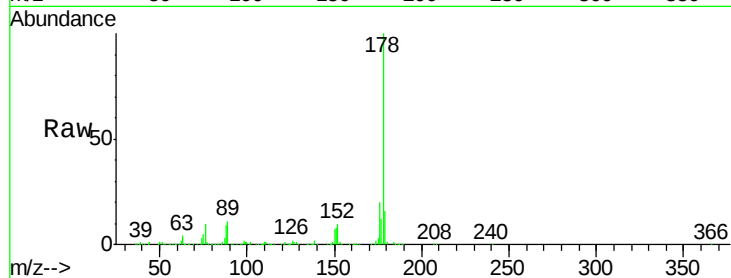




#71
Phenanthrene
Concen: 10.219 ng
RT: 17.41 min Scan# 2438
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

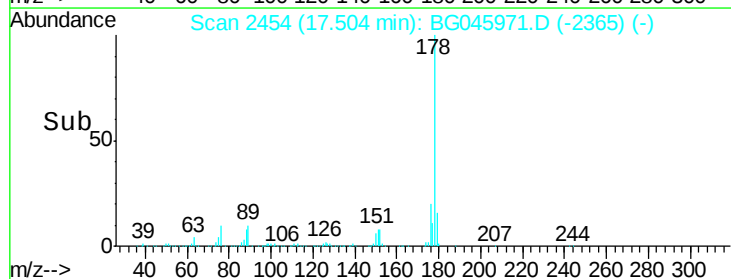
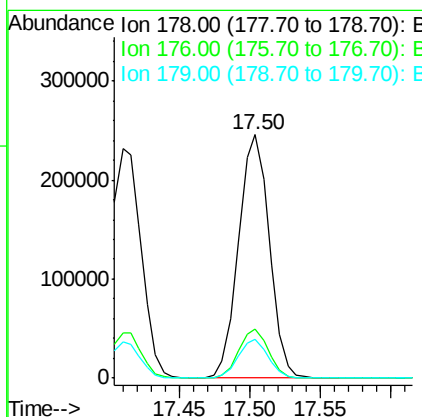
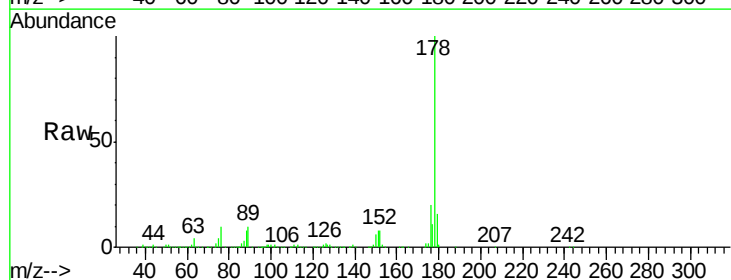
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

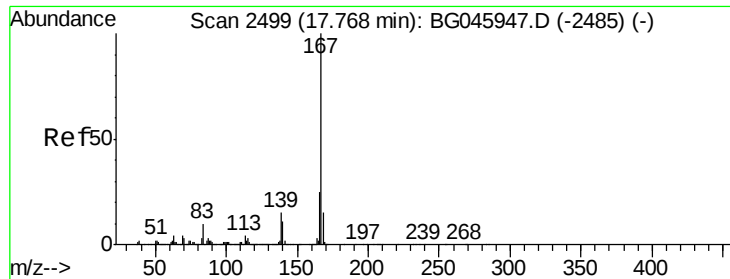
Tot Ion:178 Resp: 359877
Ion Ratio Lower Upper
178 100
176 19.8 17.4 26.2
179 16.0 13.4 20.2



#72
Anthracene
Concen: 10.473 ng
RT: 17.50 min Scan# 2454
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:178 Resp: 374301
Ion Ratio Lower Upper
178 100
176 20.1 17.2 25.8
179 16.0 14.0 21.0

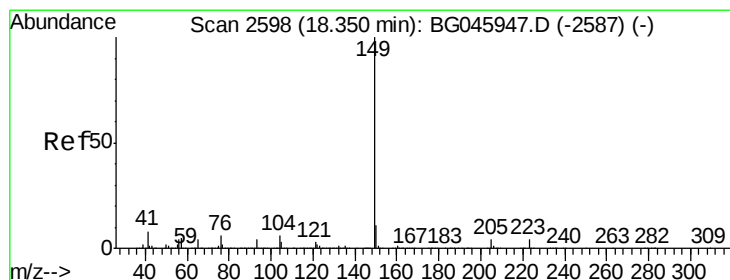
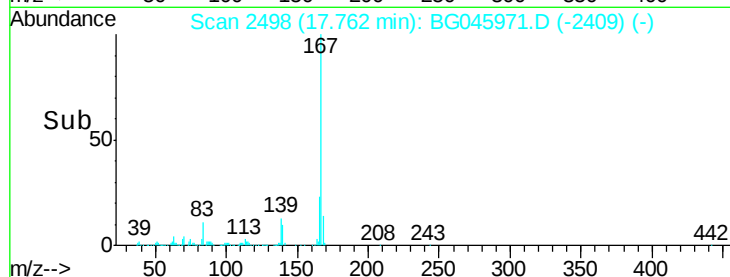
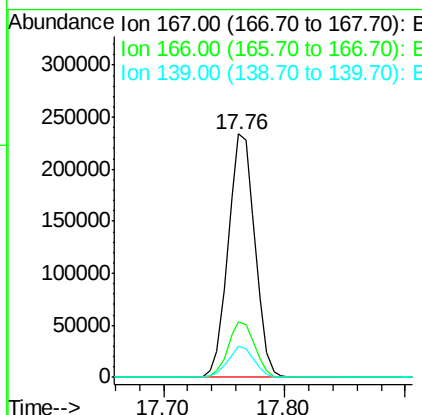
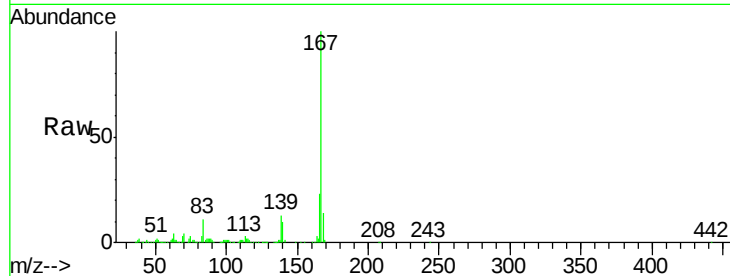




#73
 Carbazole
 Concen: 9.997 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

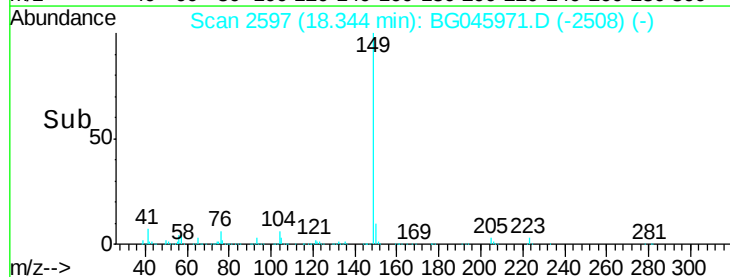
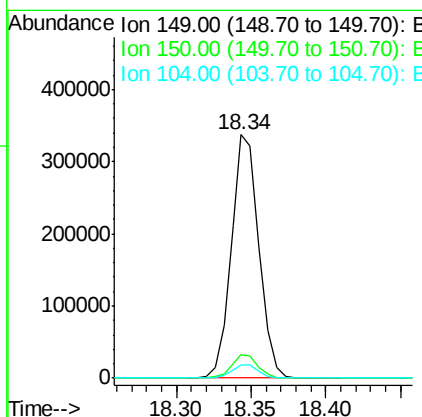
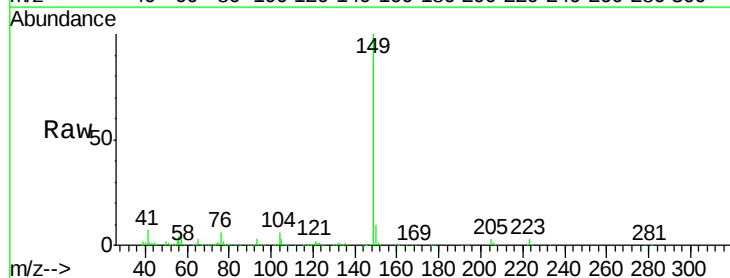
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

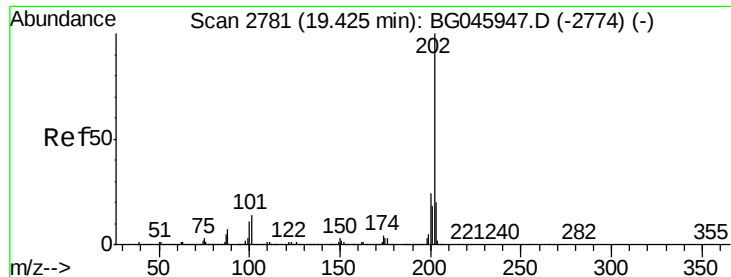
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	20.4	30.6
139	12.9	11.8	17.8



#74
 Di-n-butylphthalate
 Concen: 10.005 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	9.0	13.4
104	5.5	5.2	7.8





#75

Fluoranthene

Concen: 10.341 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

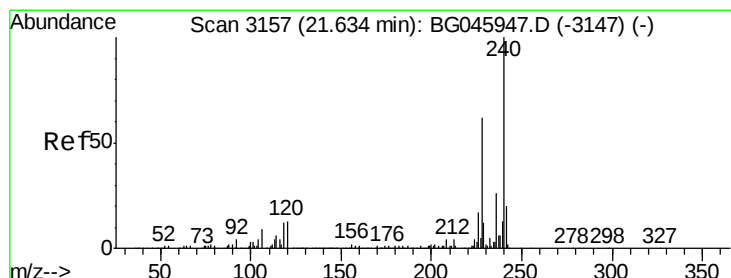
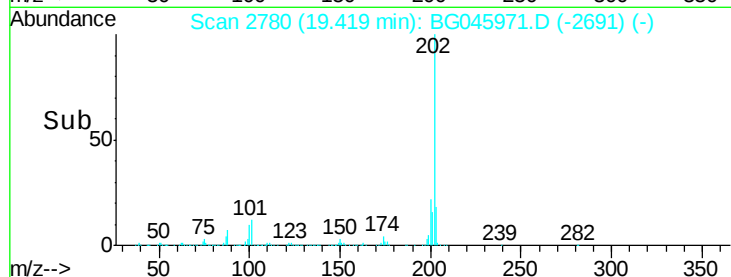
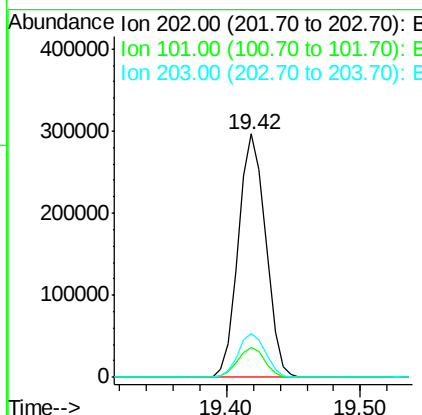
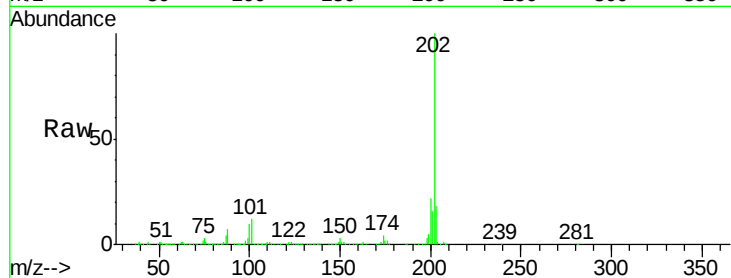
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	202	Resp:	420994
Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.8
203	18.2	0.4	40.4



#76

Chrysene-d12

Concen: 20.000 ng

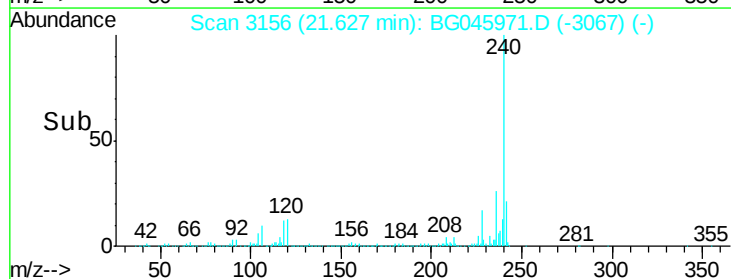
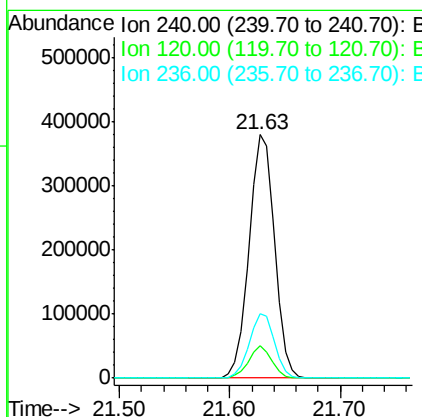
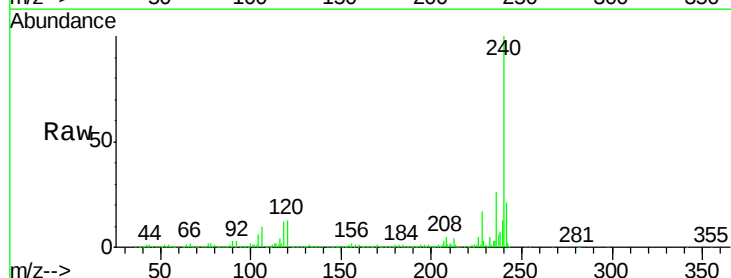
RT: 21.63 min Scan# 3156

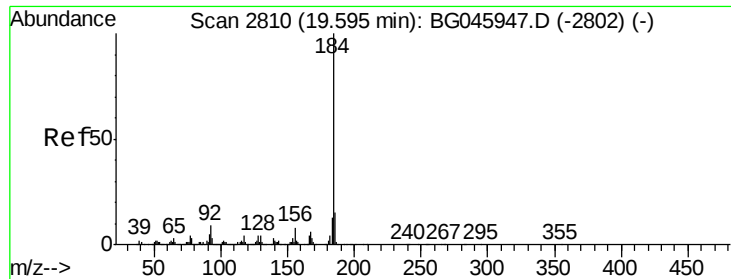
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Tgt Ion:	240	Resp:	614213
Ion	Ratio	Lower	Upper
240	100		
120	13.1	10.6	16.0
236	26.5	20.4	30.6





#77

Benzidine

Concen: 13.359 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

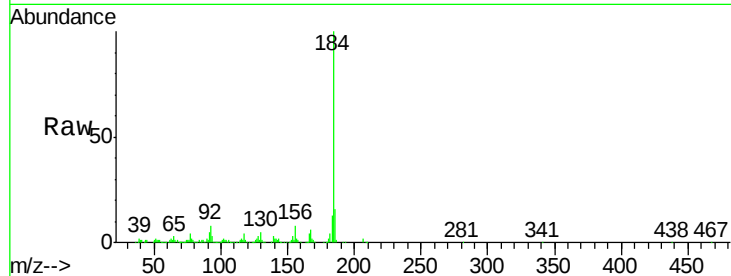
Tot Ion:184 Resp: 234606

Ion Ratio Lower Upper

184 100

185 15.8 11.6 17.4

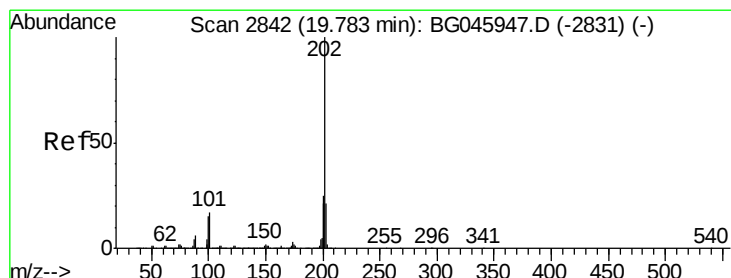
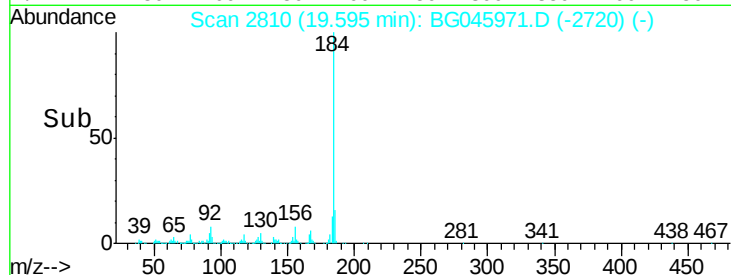
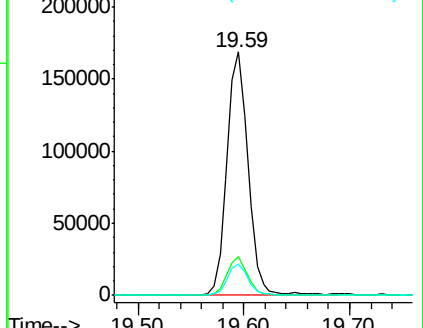
183 12.6 10.4 15.6



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



#78

Pyrene

Concen: 10.364 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

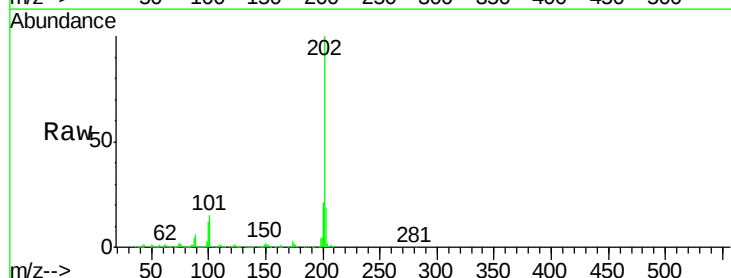
Tgt Ion:202 Resp: 434505

Ion Ratio Lower Upper

202 100

200 21.4 20.1 30.1

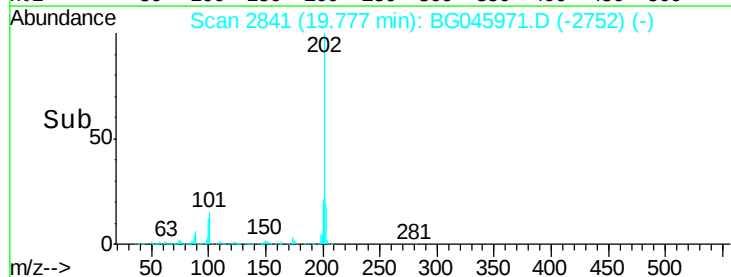
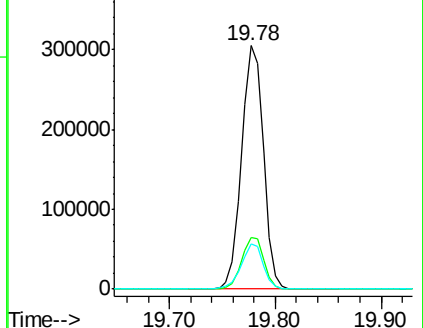
203 18.7 16.5 24.7

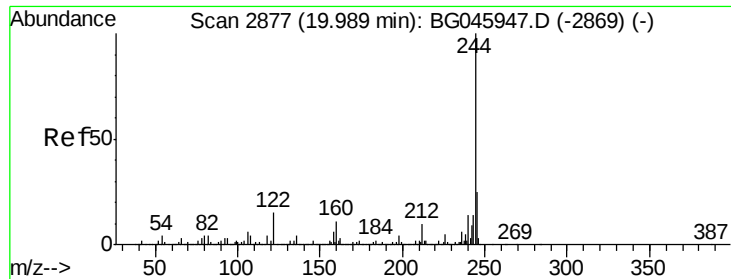


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 111.884 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

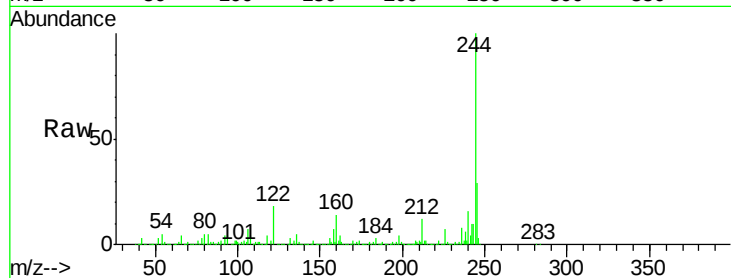
Tot Ion:244 Resp: 3087867

Ion Ratio Lower Upper

244 100

212 11.7 8.3 12.5

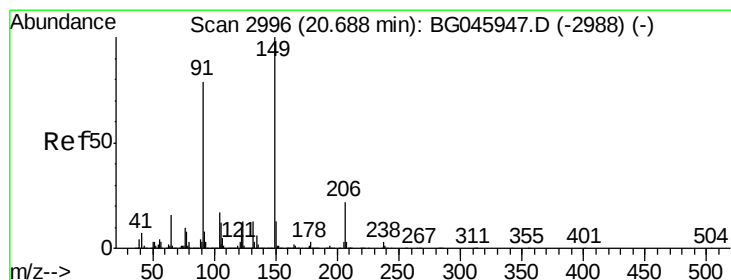
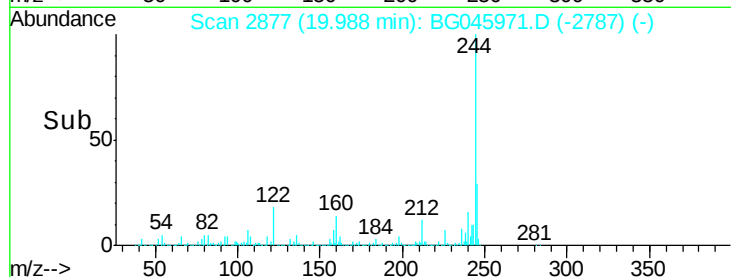
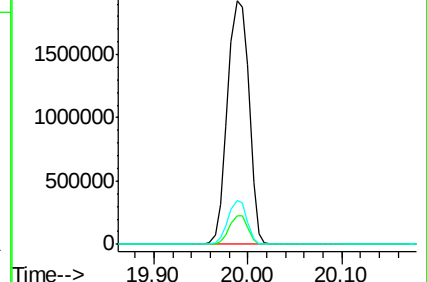
122 18.2 12.1 18.1#



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



#80

Butylbenzylphthalate

Concen: 9.118 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

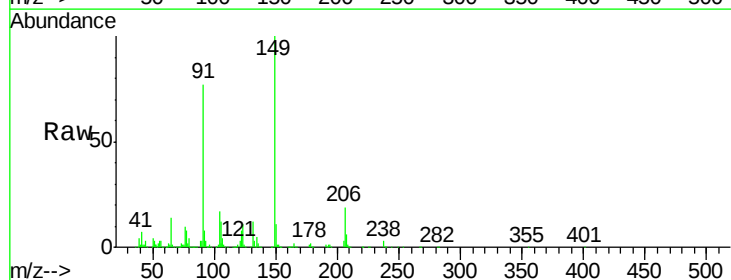
Tgt Ion:149 Resp: 180649

Ion Ratio Lower Upper

149 100

91 76.9 63.1 94.7

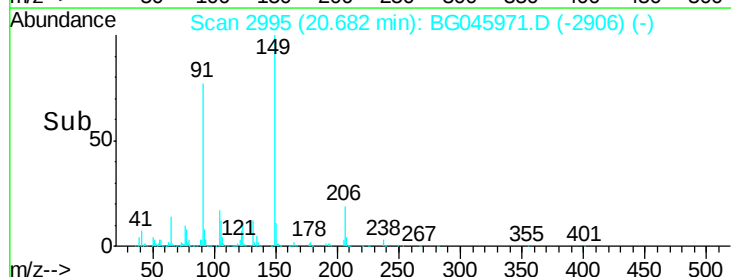
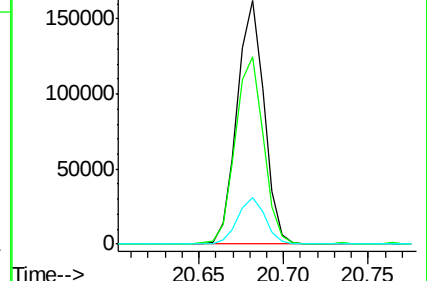
206 19.2 17.4 26.0

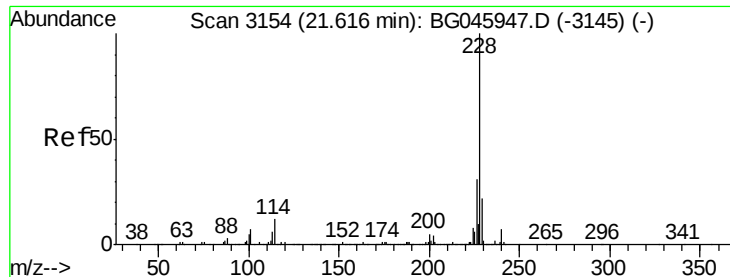


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

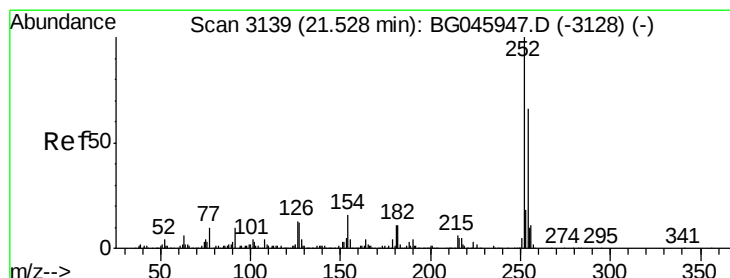
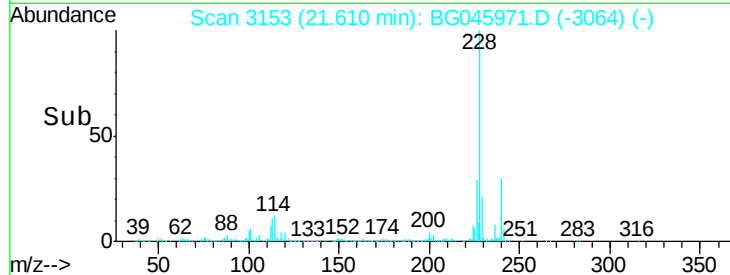
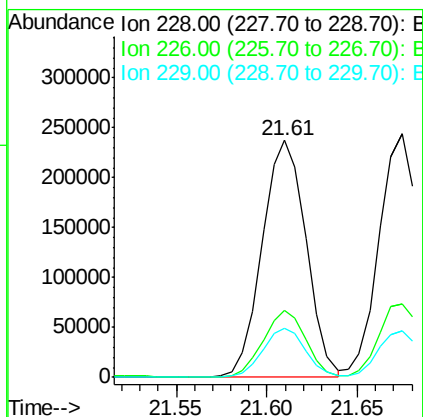
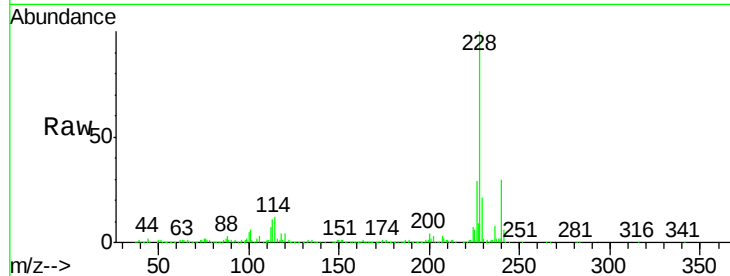




#81
Benzo(a)anthracene
Concen: 9.922 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

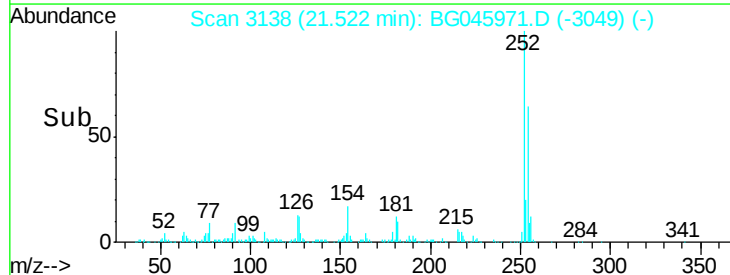
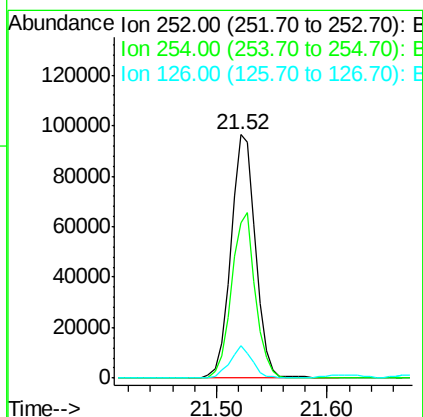
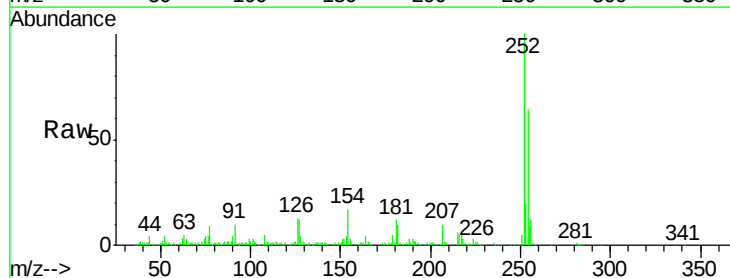
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

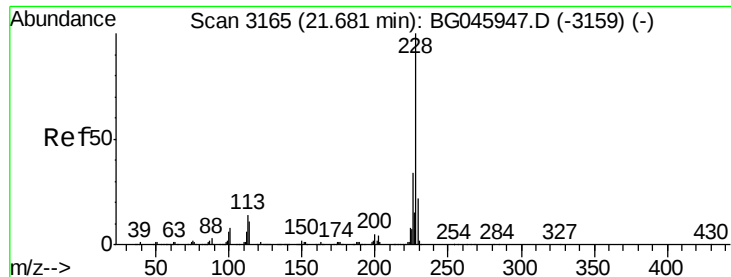
Tot Ion:228 Resp: 400707
Ion Ratio Lower Upper
228 100
226 28.5 24.8 37.2
229 20.6 17.8 26.8



#82
3,3'-Dichlorobenzidine
Concen: 10.104 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:252 Resp: 150783
Ion Ratio Lower Upper
252 100
254 63.9 52.9 79.3
126 13.5 10.4 15.6





#83

Chrysene

Concen: 9.775 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

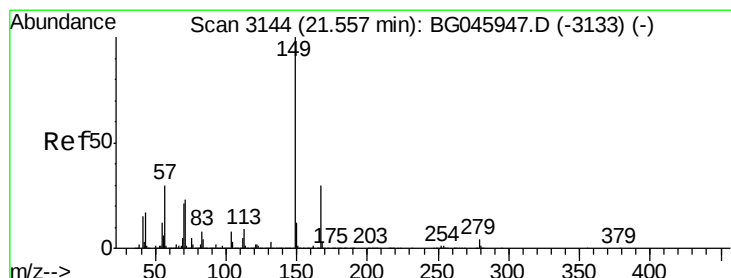
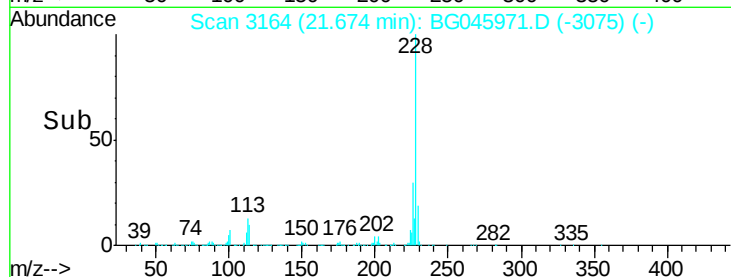
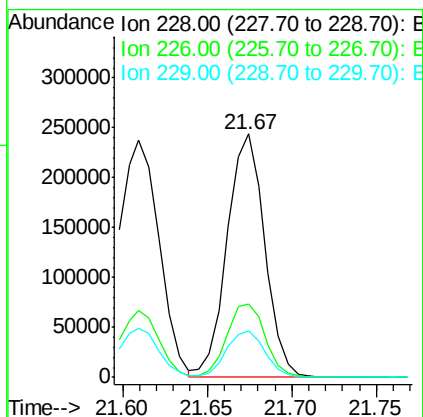
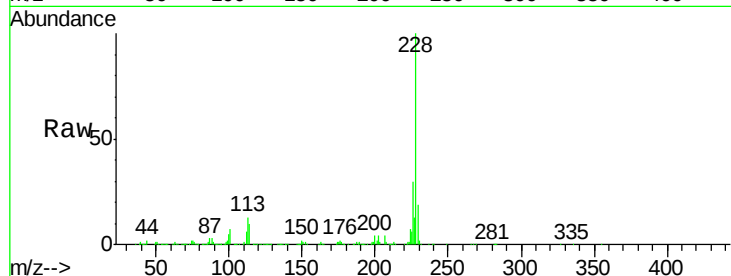
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:228	Resp:	376097
Ion	Ratio	Lower Upper
228	100	
226	29.9	26.7 40.1
229	19.2	17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 9.519 ng

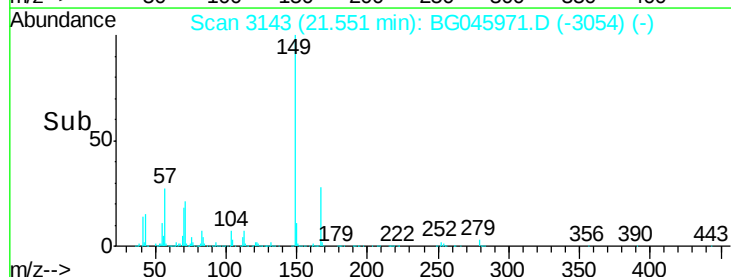
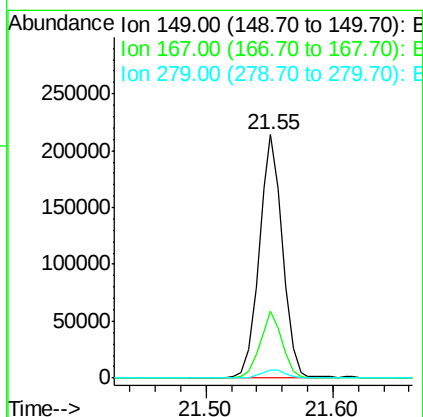
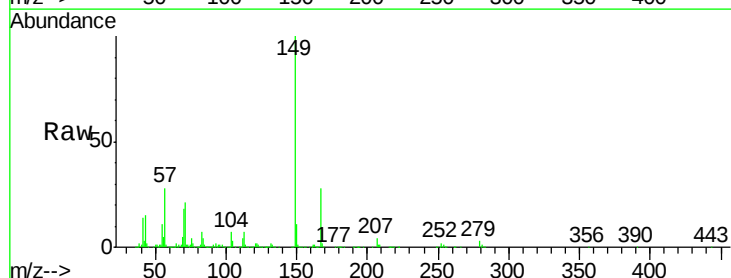
RT: 21.55 min Scan# 3143

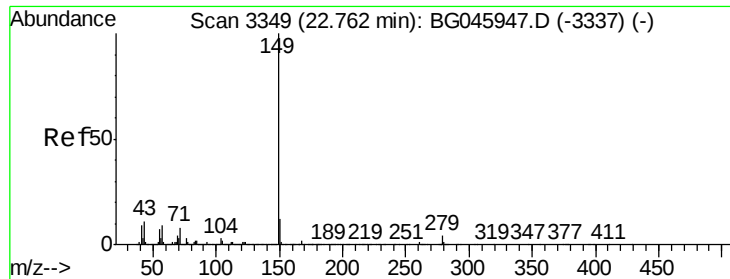
Delta R.T. -0.01 min

Lab File: BG045971.D

Acq: 7 Jul 2020 22:43

Tgt Ion:149	Resp:	273770
Ion	Ratio	Lower Upper
149	100	
167	27.6	23.8 35.8
279	3.2	3.5 5.3#

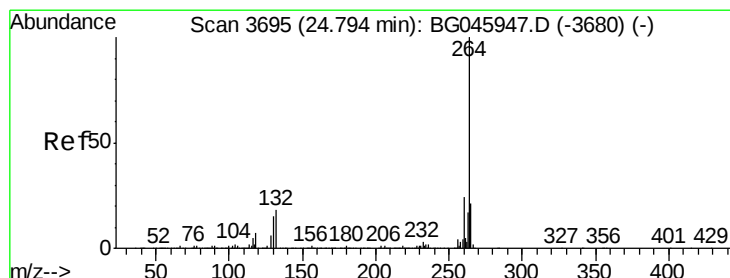
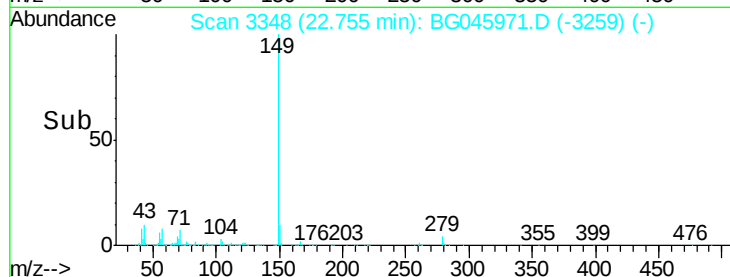
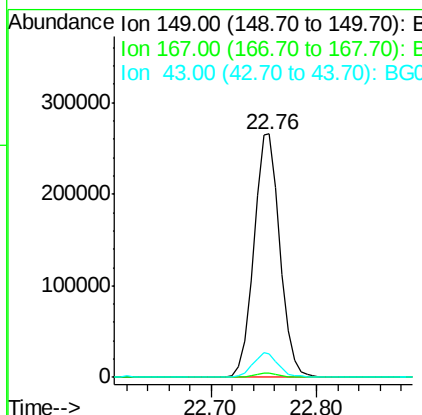
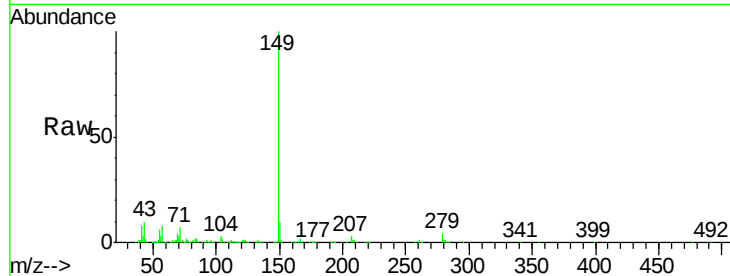




#85
Di-n-octyl phthalate
Concen: 9.130 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

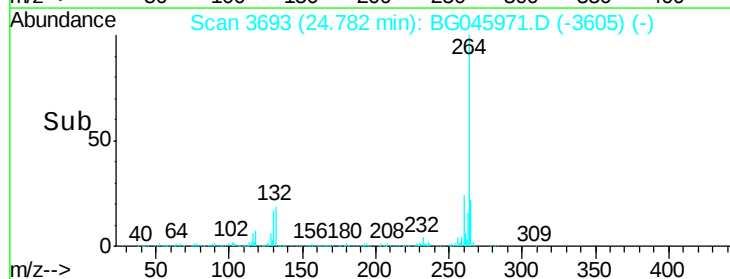
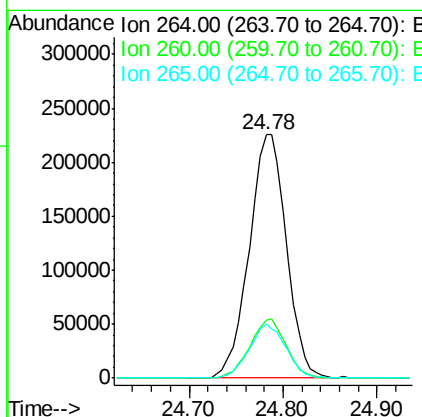
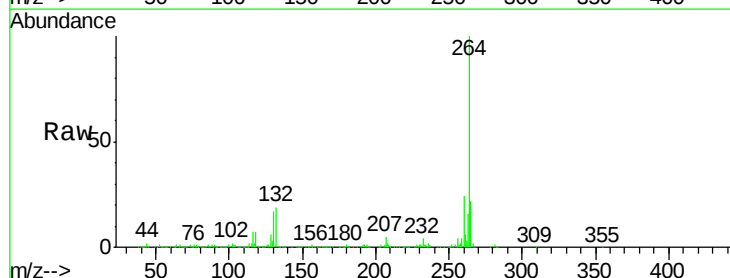
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

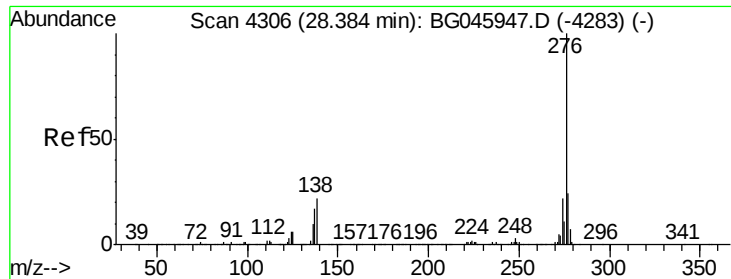
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.4	2.0
43	9.6	8.6	12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.0	28.6
265	22.2	16.9	25.3

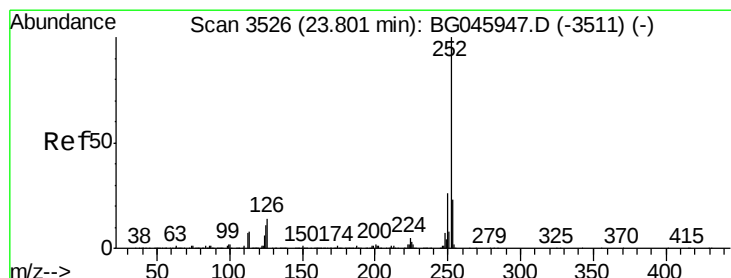
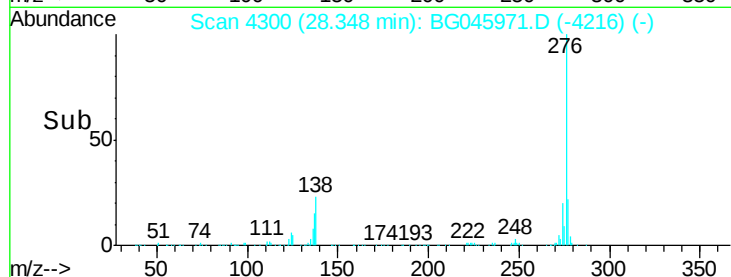
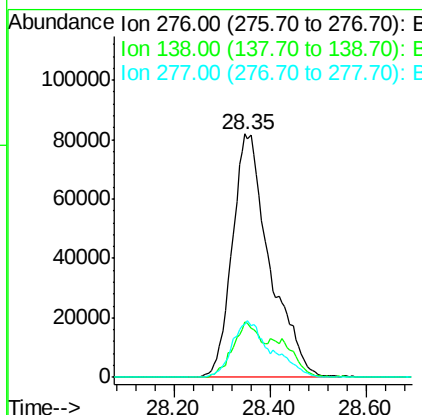
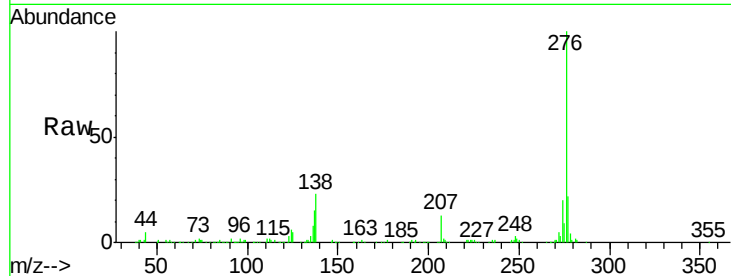




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.821 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.04 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

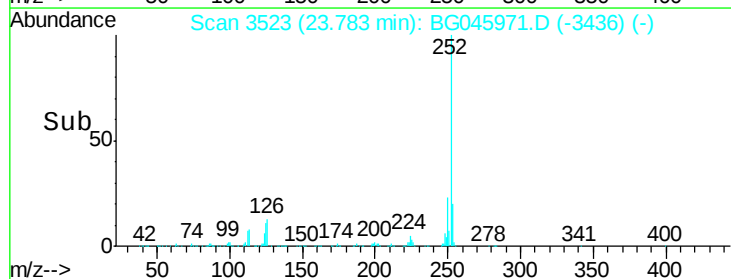
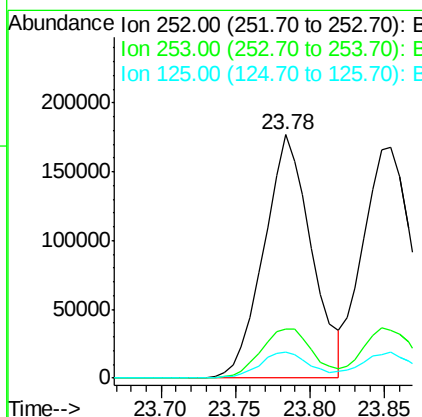
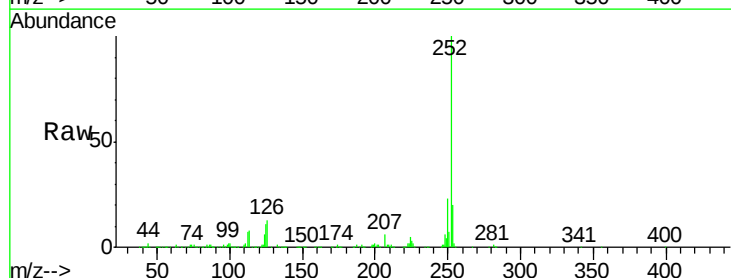
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

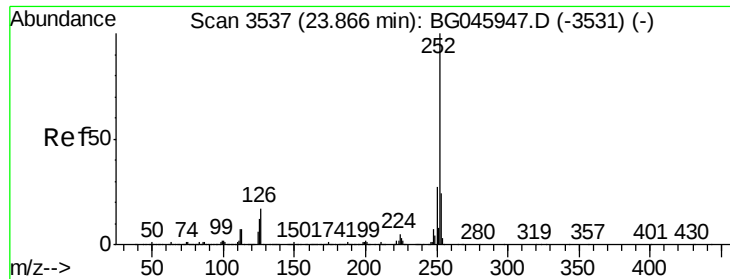
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.4	16.4	24.6
277	24.5	20.6	31.0



#88
 Benzo(b)fluoranthene
 Concen: 10.024 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045971.D
 Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	18.5	27.7
125	10.8	9.2	13.8

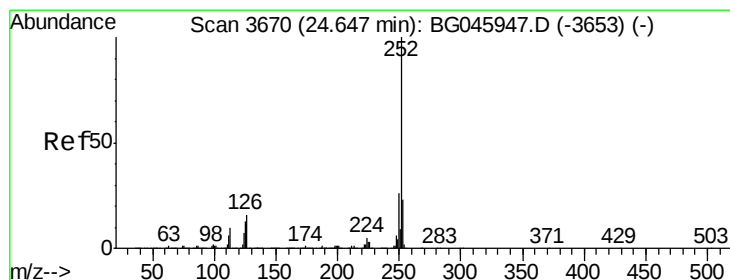
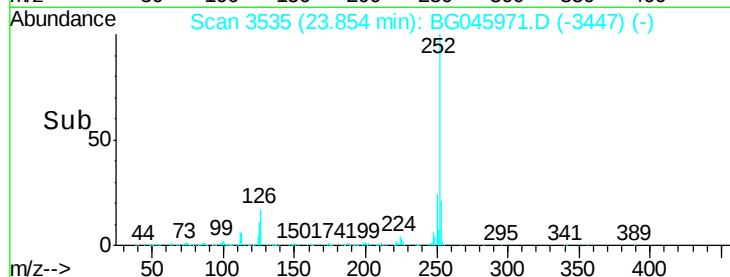
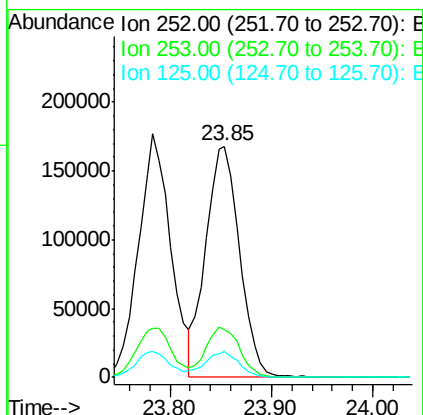
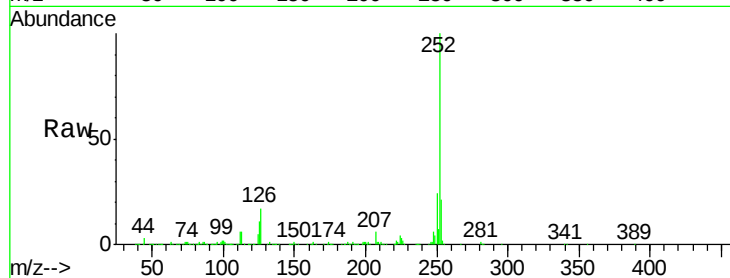




#89
Benzo(k)fluoranthene
Concen: 10.452 ng
RT: 23.85 min Scan# 3535
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

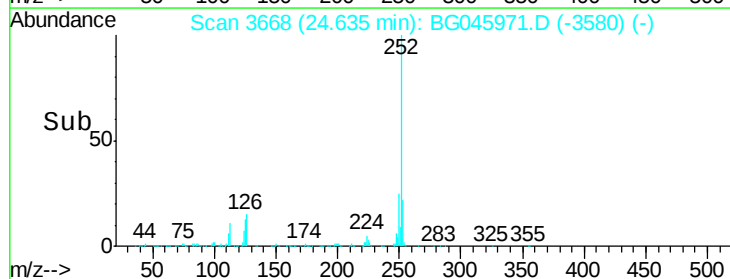
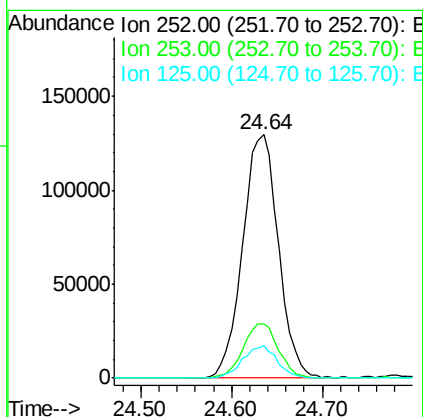
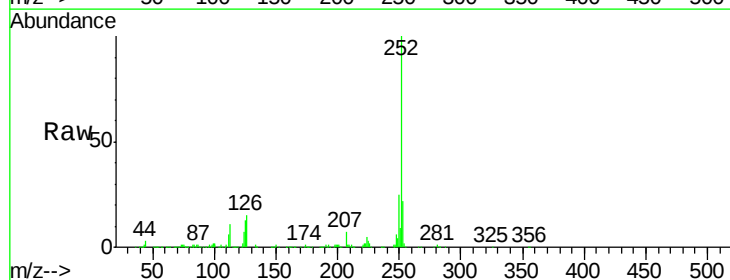
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

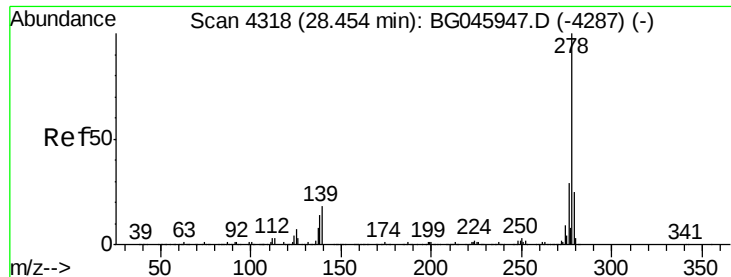
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.6	18.9	28.3
125	11.0	9.6	14.4



#90
Benzo(a)pyrene
Concen: 9.620 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.6	28.0
125	13.1	10.5	15.7

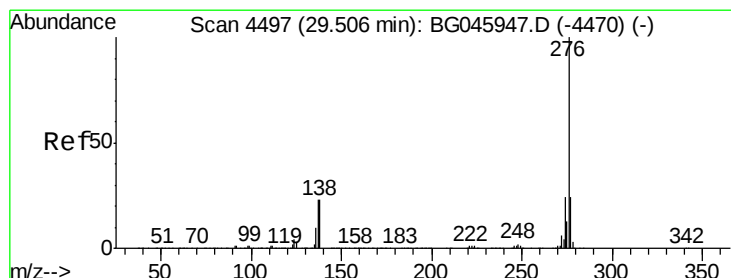
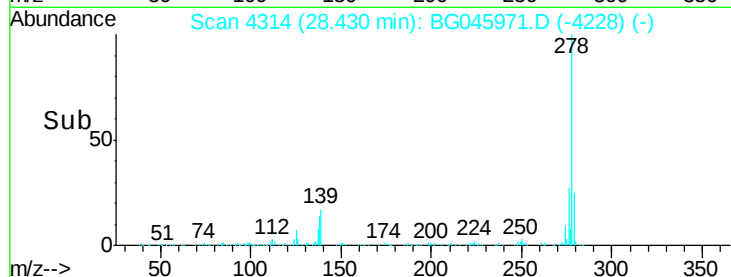
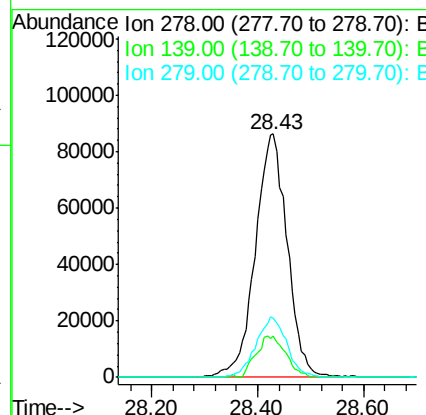
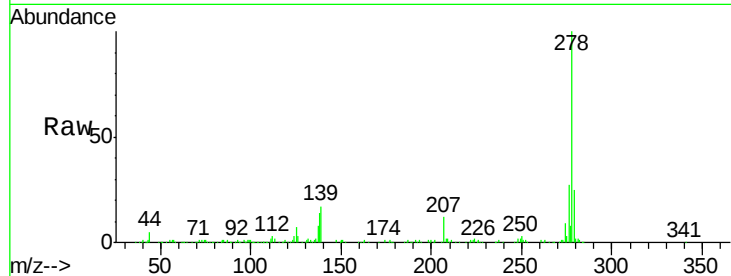




#91
Dibenzo(a,h)anthracene
Concen: 9.939 ng
RT: 28.43 min Scan# 4314
Delta R.T. -0.02 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:278 Resp: 361740
Ion Ratio Lower Upper
278 100
139 17.2 14.3 21.5
279 24.5 19.8 29.6



#92
Benzo(g,h,i)perylene
Concen: 9.894 ng
RT: 29.46 min Scan# 4490
Delta R.T. -0.04 min
Lab File: BG045971.D
Acq: 7 Jul 2020 22:43

Tgt Ion:276 Resp: 362363
Ion Ratio Lower Upper
276 100
277 24.6 19.4 29.0
138 22.6 18.6 28.0

