

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
 Data File : BG045982.D
 Acq On : 8 Jul 2020 15:56
 Operator : CG/JU
 Sample : L3216-08
 Misc : LOO-WTR-10PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 08 16:33:04 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 15:53:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	145437	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	590423	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	354144	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	730172	20.00	ng	0.00
76) Chrysene-d12	21.63	240	673365	20.00	ng	0.00
86) Perylene-d12	24.78	264	677406	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	879734	98.09	ng	0.00
7) Phenol-d6	7.17	99	1276175	98.84	ng	0.00
23) Nitrobenzene-d5	9.16	82	856739	83.52	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	334523	101.78	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	1660363	73.13	ng	0.00
79) Terphenyl-d14	19.98	244	1792112	59.23	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.51	88	45174	10.918	ng	94
3) Pyridine	3.91	79	97005	7.754	ng	95
4) n-Nitrosodimethylamine	3.82	42	44233	10.456	ng	93
6) Aniline	7.33	93	157562	9.539	ng	98
8) 2-Chlorophenol	7.57	128	87676	9.082	ng	97
9) Benzaldehyde	7.14	77	140328	17.154	ng	96
10) Phenol	7.19	94	118613	9.158	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	96773	9.035	ng	100
12) 1,3-Dichlorobenzene	7.90	146	101575	9.128	ng	98
13) 1,4-Dichlorobenzene	8.04	146	103105	9.419	ng	98
14) 1,2-Dichlorobenzene	8.36	146	93113	8.838	ng	99
15) Benzyl Alcohol	8.23	79	90518	8.941	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	126809	9.075	ng	98
17) 2-Methylphenol	8.44	107	81983	8.436	ng	98
18) Hexachloroethane	9.09	117	38631	9.172	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	84927	9.363	ng	98
20) 3+4-Methylphenols	8.76	107	111594	8.425	ng	98
22) Acetophenone	8.82	105	225429	14.292	ng	# 96
24) Nitrobenzene	9.20	77	114489	10.112	ng	97
25) Isophorone	9.72	82	218741	8.735	ng	99
26) 2-Nitrophenol	9.91	139	35291	9.563	ng	95
27) 2,4-Dimethylphenol	9.97	122	86382	9.691	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	129366	9.200	ng	94
29) 2,4-Dichlorophenol	10.44	162	80719	8.748	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	91452	8.945	ng	96
31) Naphthalene	10.85	128	292171	9.231	ng	97
32) Benzoic acid	10.05	122	50128	10.386	ng	92
33) 4-Chloroaniline	10.95	127	123098	8.703	ng	97
34) Hexachlorobutadiene	11.15	225	50266	8.420	ng	96
35) Caprolactam	11.69	113	30176	8.614	ng	93
36) 4-Chloro-3-methylphenol	12.07	107	93696	8.915	ng	100
37) 2-Methylnaphthalene	12.46	142	211168	9.385	ng	98
38) 1-Methylnaphthalene	12.68	142	200085	9.423	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	149821	15.008	ng	97

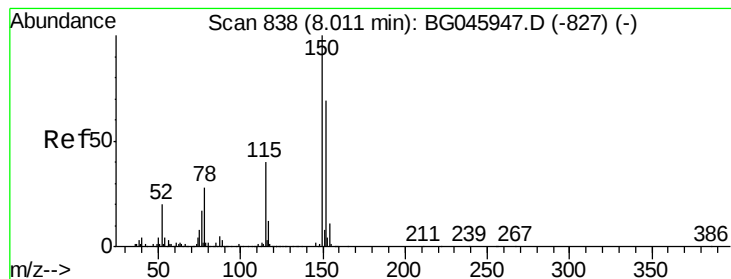
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 15:53:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	52036	8.785	nq	92
43) 2,4,6-Trichlorophenol	13.06	196	58807	8.710	nq	99
44) 2,4,5-Trichlorophenol	13.13	196	64959	8.510	nq	97
46) 1,1'-Biphenyl	13.46	154	421376	15.817	nq	98
47) 2-Chloronaphthalene	13.50	162	191902	9.130	nq	99
48) 2-Nitroaniline	13.69	65	53533	10.882	nq	98
49) Acenaphthylene	14.35	152	322861	9.520	nq	96
50) Dimethylphthalate	14.08	163	240435	9.047	nq	99
51) 2,6-Dinitrotoluene	14.19	165	43774	10.615	nq	94
52) Acenaphthene	14.69	154	196361	9.179	nq	99
53) 3-Nitroaniline	14.51	138	50980	9.976	nq	# 91
54) 2,4-Dinitrophenol	14.72	184	16847	11.581	nq	# 87
55) Dibenzofuran	15.03	168	298130	9.508	nq	96
56) 4-Nitrophenol	14.81	139	39541	9.132	nq	92
57) 2,4-Dinitrotoluene	14.97	165	56793	11.145	nq	88
58) Fluorene	15.67	166	240884	9.364	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.25	232	55605	9.434	nq	92
60) Diethylphthalate	15.45	149	255888	9.181	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	111170	8.687	nq	98
62) 4-Nitroaniline	15.67	138	56462	10.279	nq	89
63) Azobenzene	15.97	77	286008	9.560	nq	99
65) 4,6-Dinitro-2-methylphenol	15.74	198	17649	8.253	nq	89
66) n-Nitrosodiphenylamine	15.88	169	215112	9.507	nq	96
67) 4-Bromophenyl-phenylether	16.56	248	70612	8.659	nq	96
68) Hexachlorobenzene	16.68	284	74597	9.116	nq	98
69) Atrazine	16.83	200	73699	11.017	nq	96
70) Pentachlorophenol	17.02	266	36468	8.015	nq	93
71) Phenanthrene	17.41	178	375838	9.736	nq	97
72) Anthracene	17.50	178	384343	9.811	nq	94
73) Carbazole	17.76	167	366646	9.337	nq	97
74) Di-n-butylphthalate	18.34	149	452191	9.530	nq	95
75) Fluoranthene	19.42	202	435361	9.756	nq	96
77) Benzidine	19.60	184	225724	11.724	nq	100
78) Pyrene	19.78	202	446341	9.711	nq	95
80) Butylbenzylphthalate	20.68	149	186582	8.590	nq	98
81) Benzo(a)anthracene	21.60	228	412626	9.319	nq	93
82) 3,3'-Dichlorobenzidine	21.52	252	155653	9.514	nq	98
83) Chrysene	21.67	228	389341	9.230	nq	95
84) Bis(2-ethylhexyl)phthalate	21.55	149	281665	8.933	nq	93
85) Di-n-octyl phthalate	22.75	149	455028	8.316	nq	98
87) Indeno(1,2,3-cd)pyrene	28.35	276	453462	9.150	nq	# 92
88) Benzo(b)fluoranthene	23.78	252	410625	9.549	nq	98
89) Benzo(k)fluoranthene	23.85	252	394085	9.692	nq	97
90) Benzo(a)pyrene	24.64	252	367394	9.086	nq	95
91) Dibenzo(a,h)anthracene	28.42	278	375631	9.398	nq	98
92) Benzo(g,h,i)perylene	29.46	276	378407	9.407	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

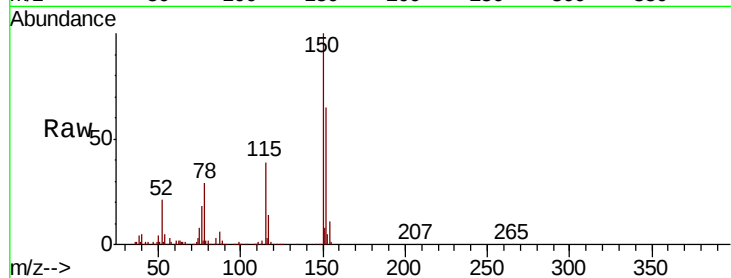
Tot Ion:152 Resp: 145437

Ion Ratio Lower Upper

152 100

150 154.5 116.7 175.1

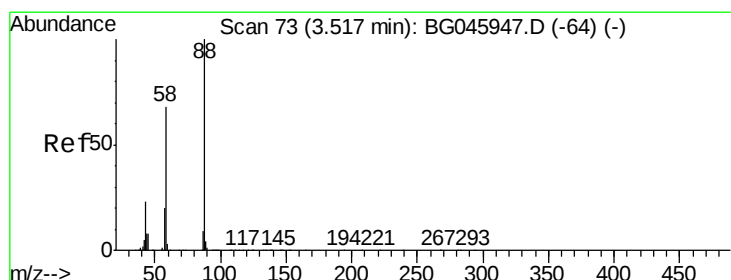
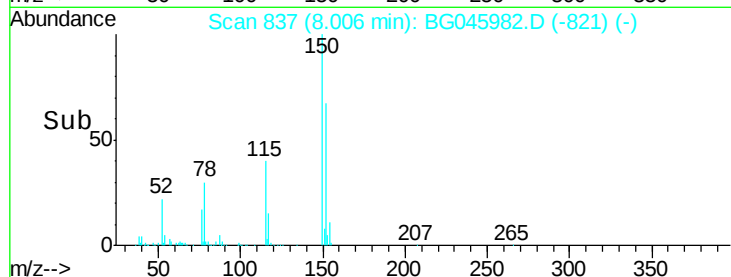
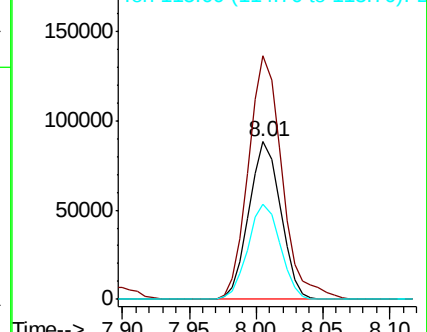
115 60.0 47.4 71.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.918 ng

RT: 3.51 min Scan# 72

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

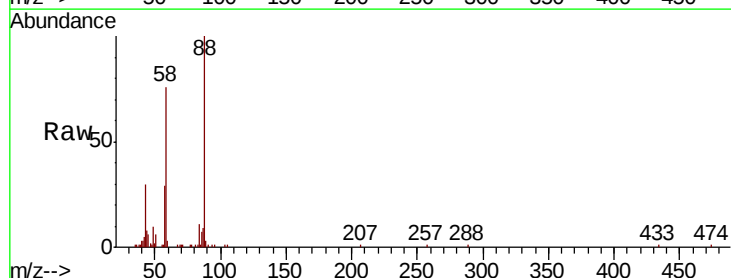
Tgt Ion: 88 Resp: 45174

Ion Ratio Lower Upper

88 100

58 73.4 55.2 82.8

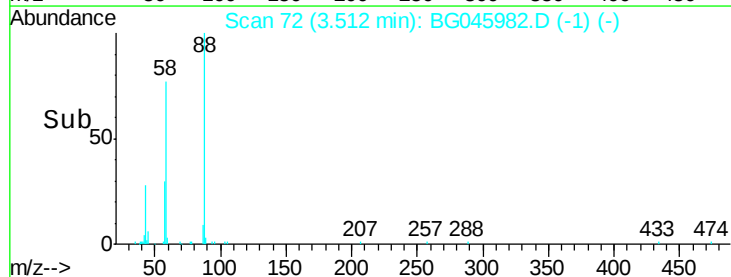
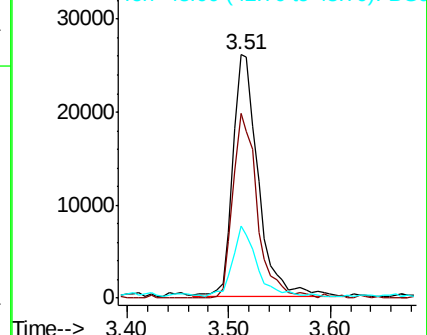
43 28.1 19.4 29.0

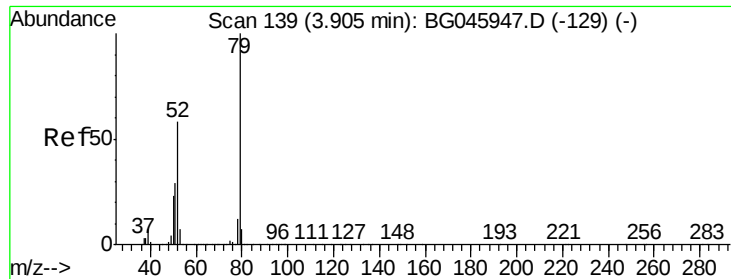


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC

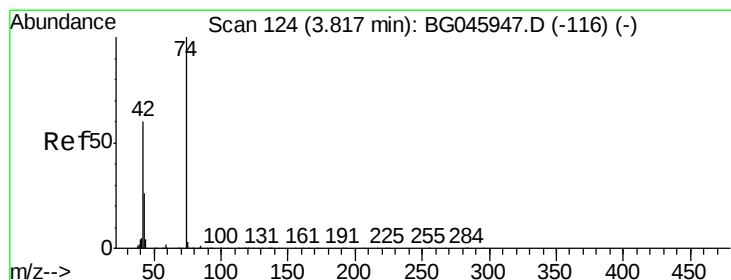
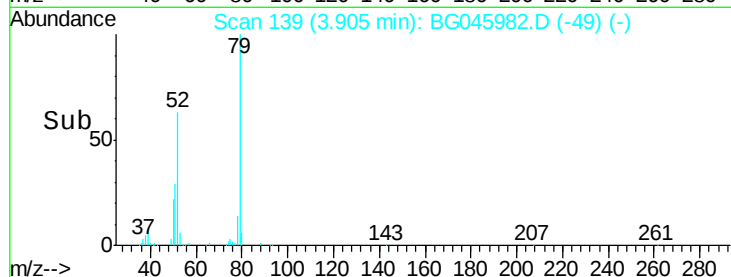
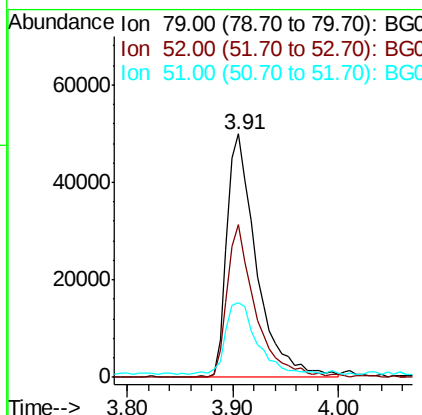
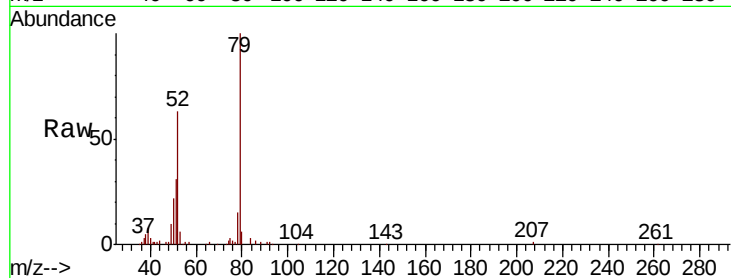




#3
 Pvridine
 Concen: 7.754 ng
 RT: 3.91 min Scan# 139
 Delta R.T. 0.00 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

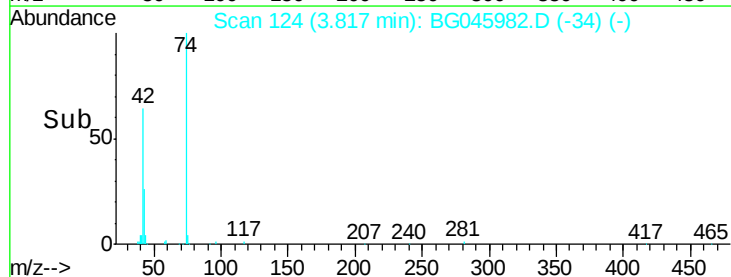
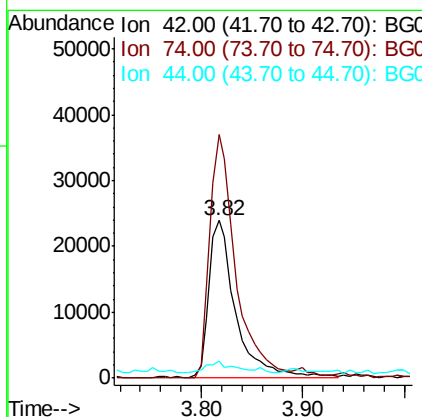
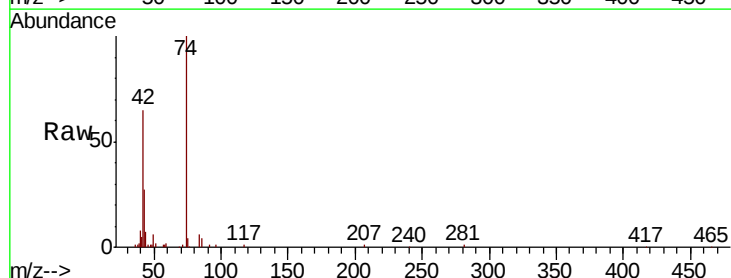
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

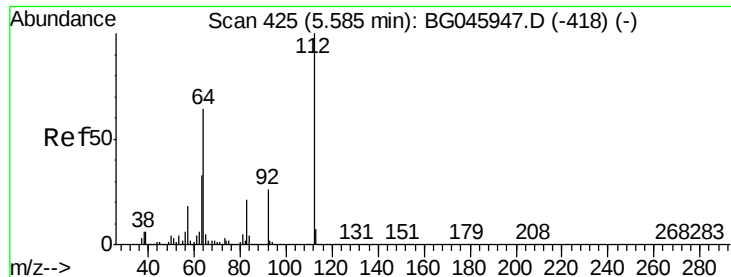
Tot Ion	Ratio	Lower	Upper
79	100		
52	62.8	46.5	69.7
51	30.8	23.5	35.3



#4
 n-Nitrosodimethylamine
 Concen: 10.456 ng
 RT: 3.82 min Scan# 124
 Delta R.T. 0.00 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
42	100		
74	154.7	131.9	197.9
44	11.0	7.7	11.5





#5

2-Fluorophenol

Concen: 98.093 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

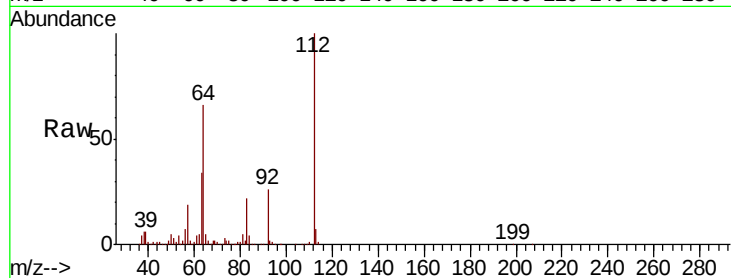
Tot Ion:112 Resp: 879734

Ion Ratio Lower Upper

112 100

64 66.0 51.4 77.2

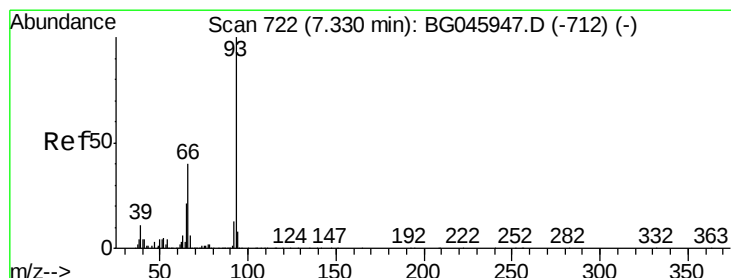
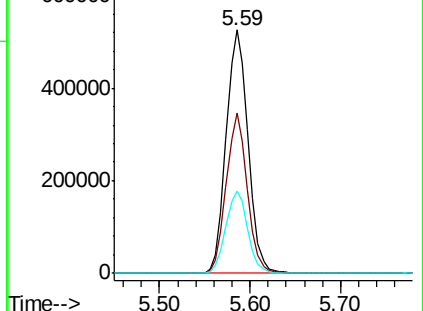
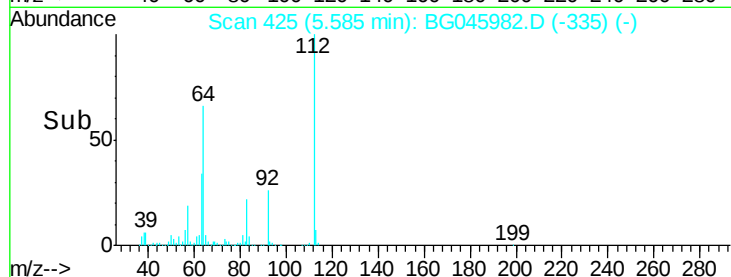
63 33.8 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.539 ng

RT: 7.33 min Scan# 722

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

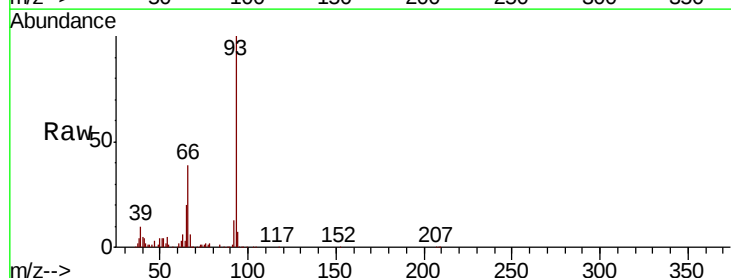
Tgt Ion: 93 Resp: 157562

Ion Ratio Lower Upper

93 100

66 39.4 32.3 48.5

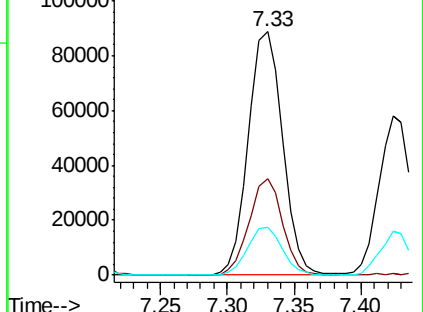
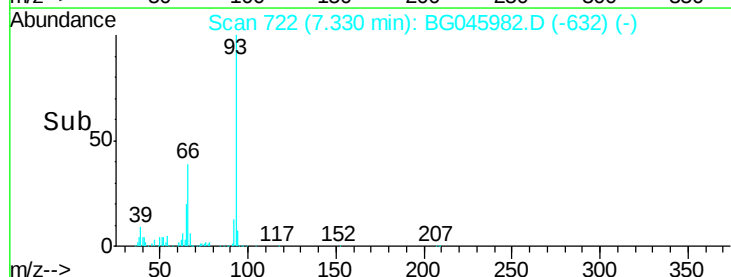
65 19.9 16.6 25.0

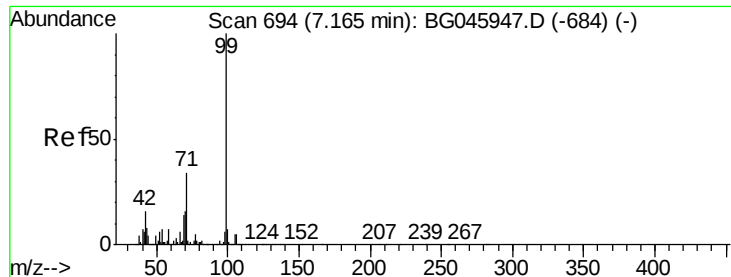


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 98.837 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

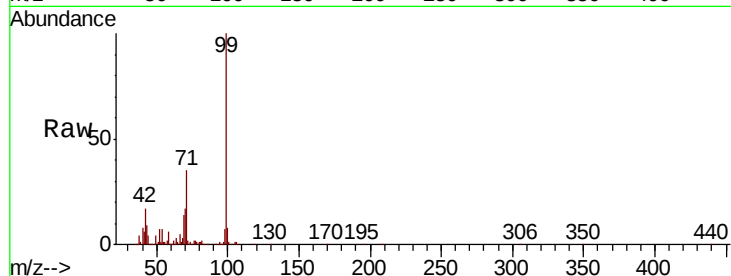
BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1276175

Ion	Ratio	Lower	Upper
99	100		
42	17.3	13.0	19.4
71	34.6	27.5	41.3

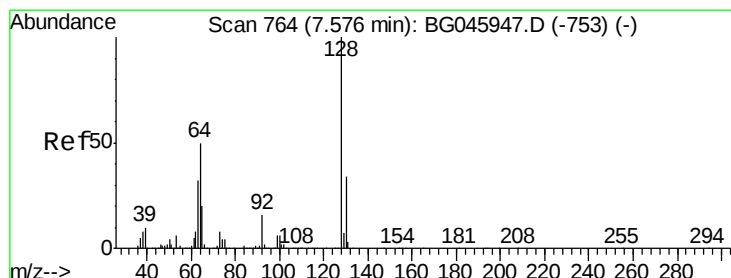
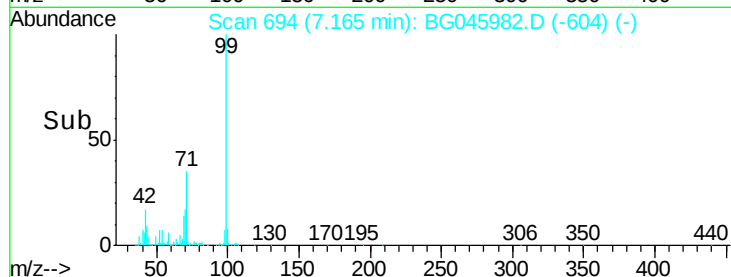
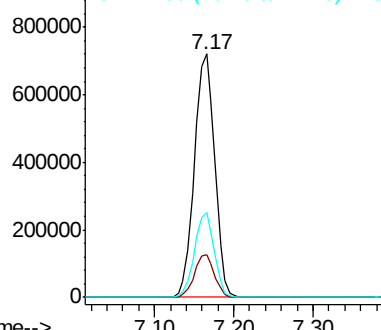


Abundance

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: 9.082 ng

RT: 7.57 min Scan# 763

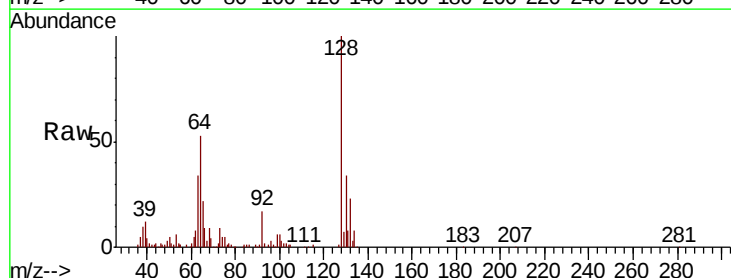
Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion: 128 Resp: 87676

Ion	Ratio	Lower	Upper
128	100		
130	33.9	13.6	53.6
64	53.5	30.6	70.6

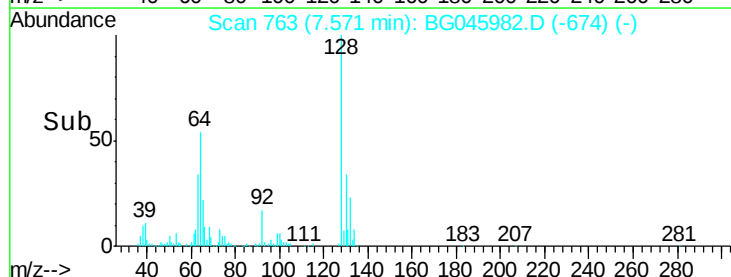
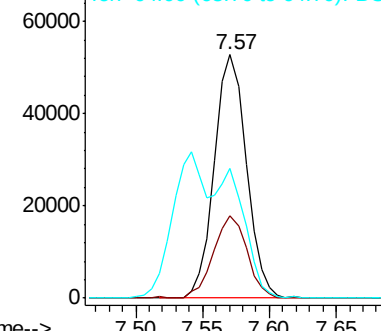


Abundance

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: 17.154 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

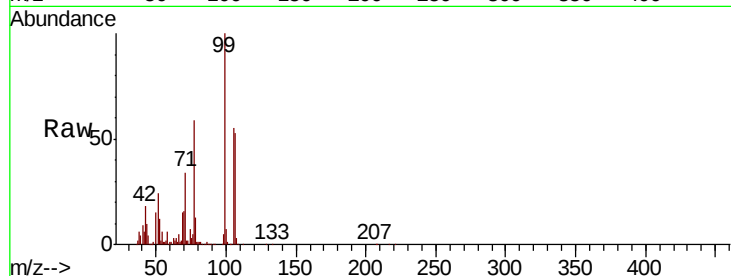
Tot Ion: 77 Resp: 140328

Ion Ratio Lower Upper

77 100

105 92.1 66.0 106.0

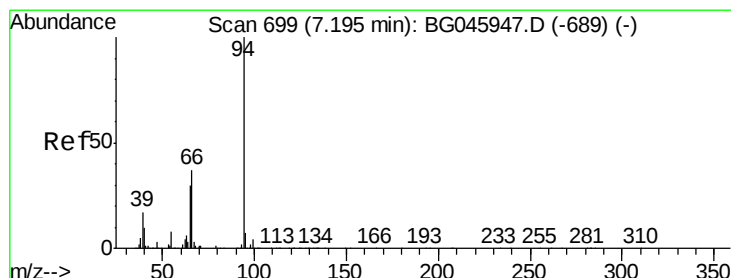
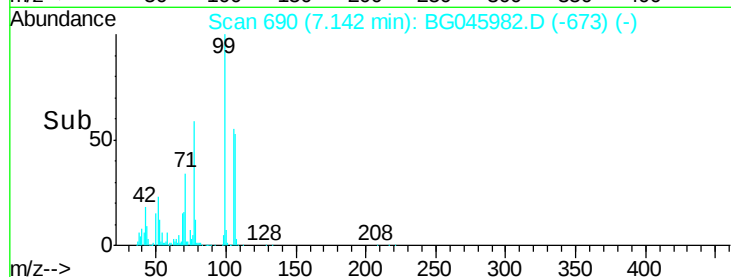
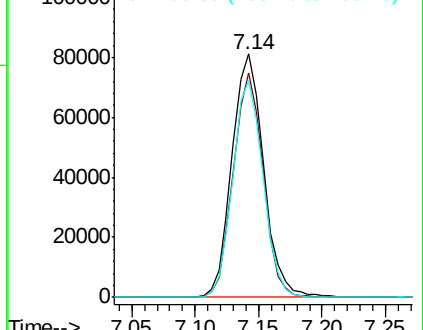
106 88.8 67.7 107.7



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: 9.158 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

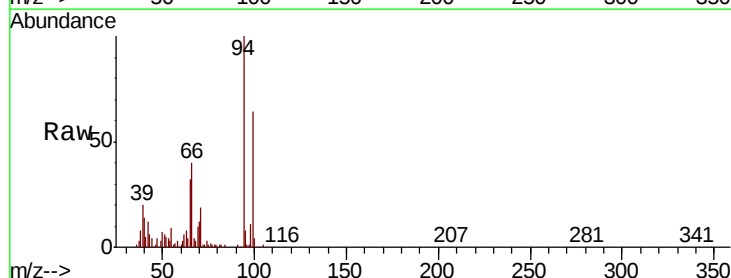
Tgt Ion: 94 Resp: 118613

Ion Ratio Lower Upper

94 100

65 32.2 10.6 50.6

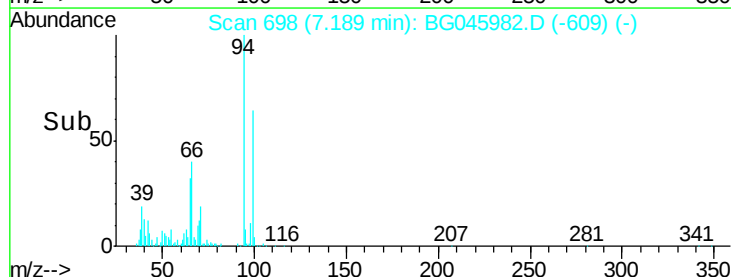
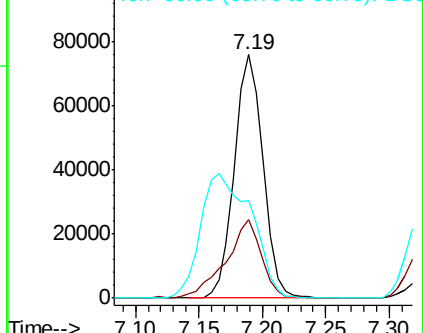
66 40.0 17.1 57.1

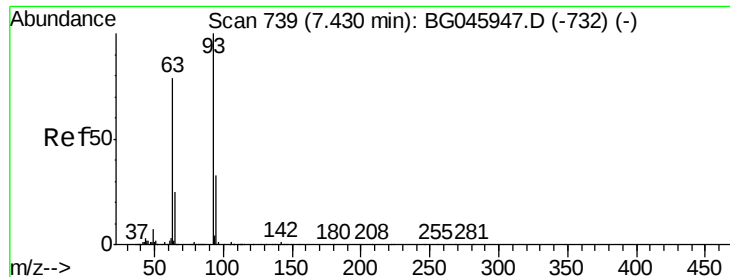


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

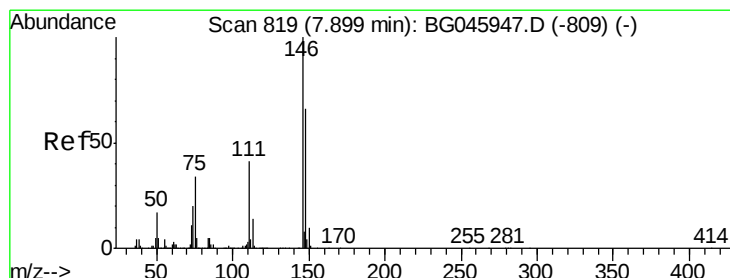
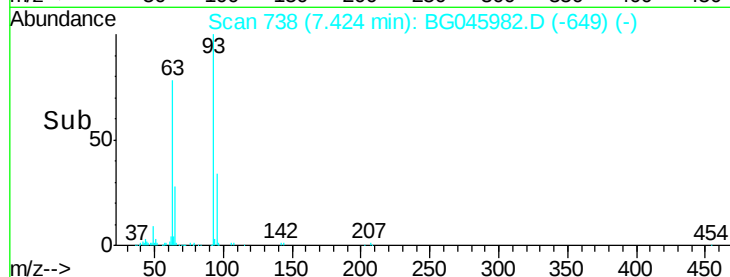
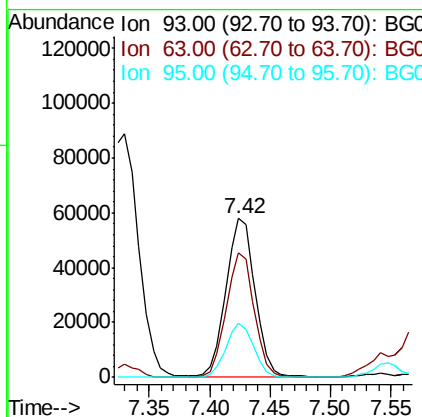
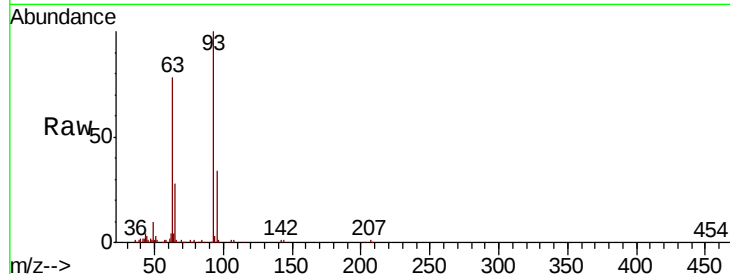




#11
 bis(2-Chloroethyl)ether
 Concen: 9.035 ng
 RT: 7.42 min Scan# 738
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

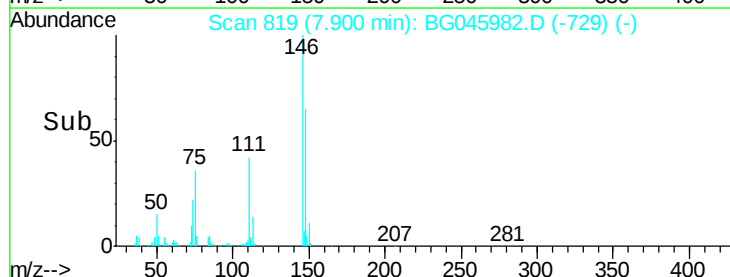
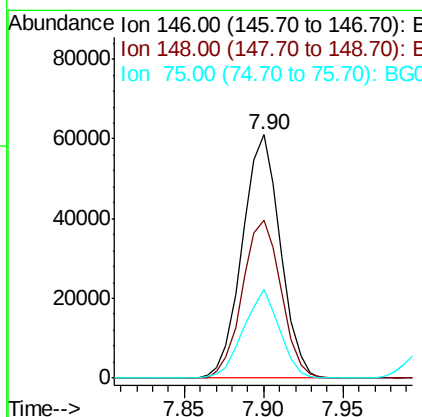
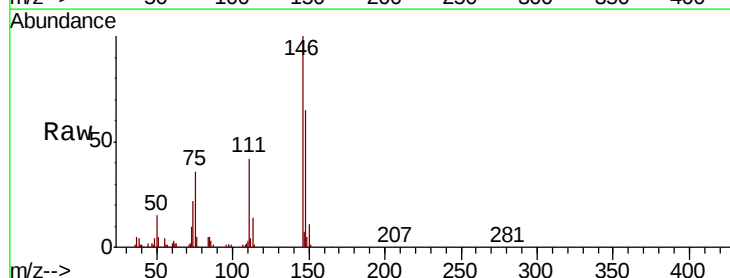
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

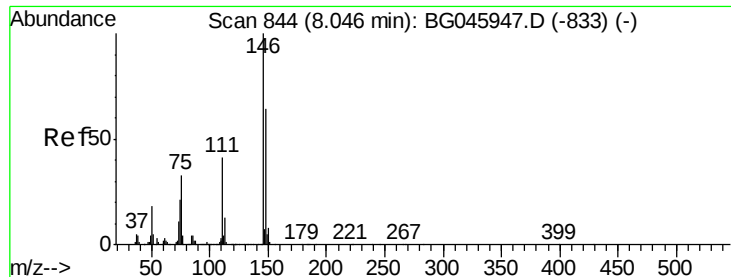
Tot Ion: 93 Resp: 96773
 Ion Ratio Lower Upper
 93 100
 63 78.5 58.6 98.6
 95 34.1 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 9.128 ng
 RT: 7.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion: 146 Resp: 101575
 Ion Ratio Lower Upper
 146 100
 148 64.9 52.8 79.2
 75 36.5 27.2 40.8

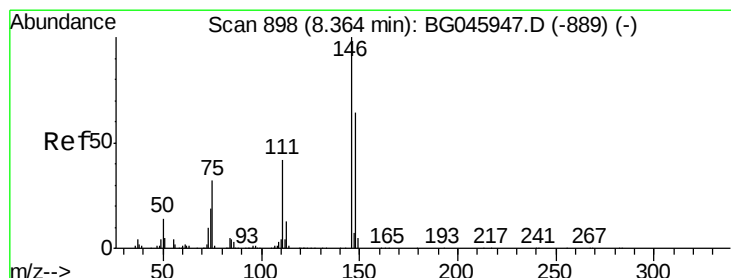
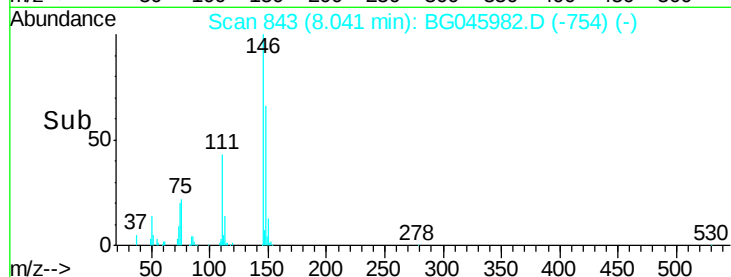
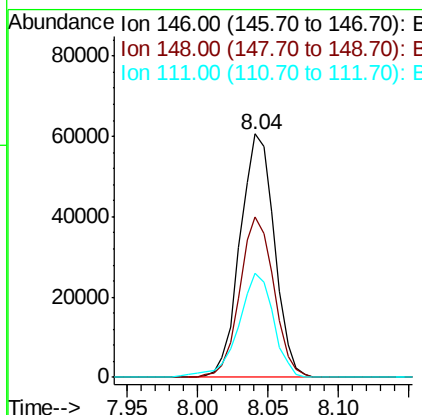
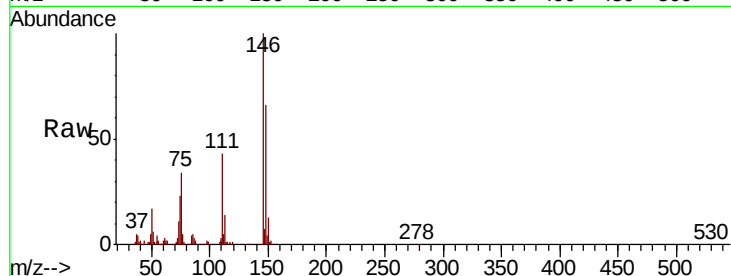




#13
 1,4-Dichlorobenzene
 Concen: 9.419 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

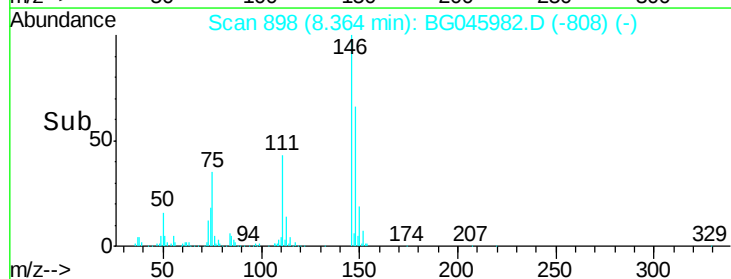
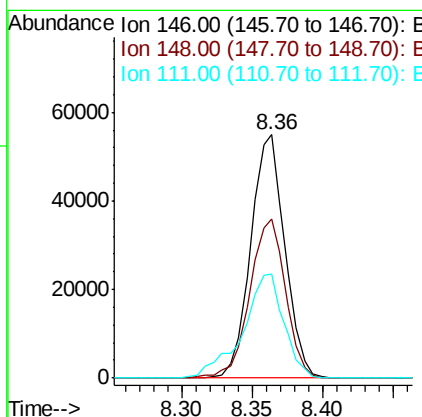
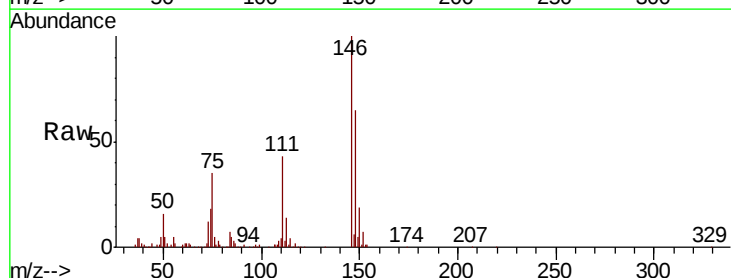
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

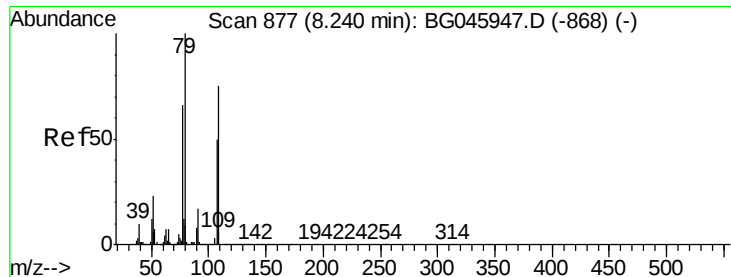
Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	51.7	77.5
111	43.0	33.3	49.9



#14
 1,2-Dichlorobenzene
 Concen: 8.838 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.6	77.4
111	42.7	34.0	51.0





#15

Benzyl Alcohol

Concen: 8.941 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

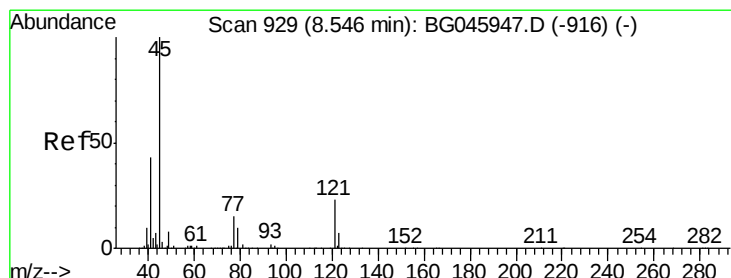
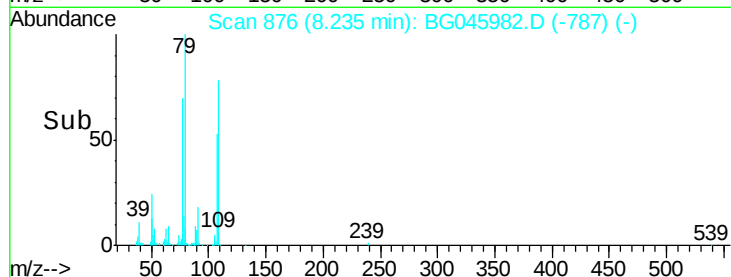
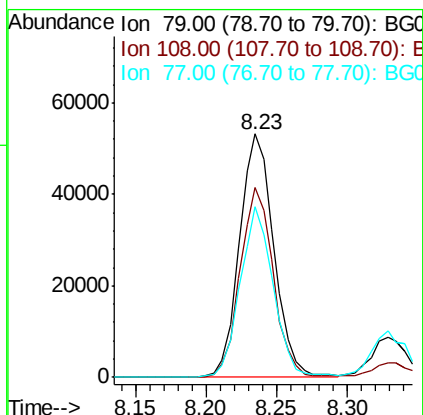
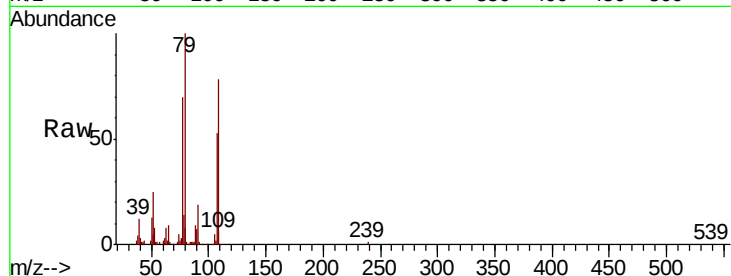
Tot Ion: 79 Resp: 90518

Ion Ratio Lower Upper

79 100

108 78.0 60.2 90.4

77 70.2 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 9.075 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

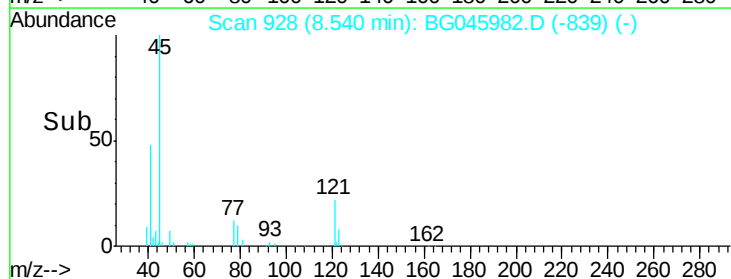
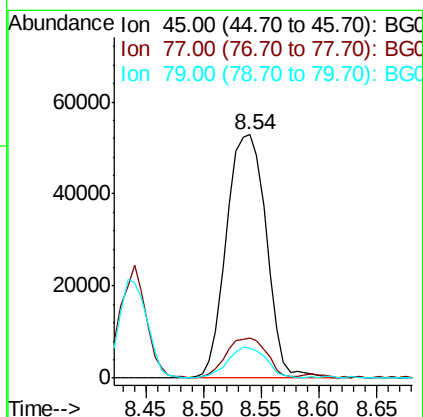
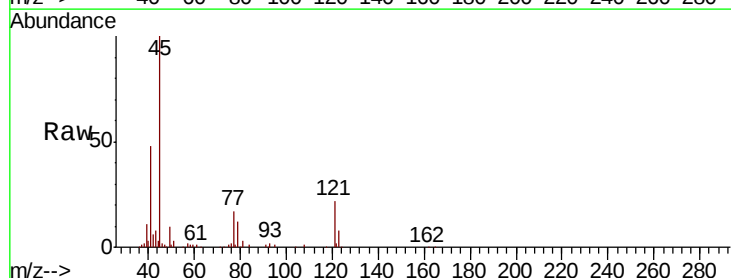
Tgt Ion: 45 Resp: 126809

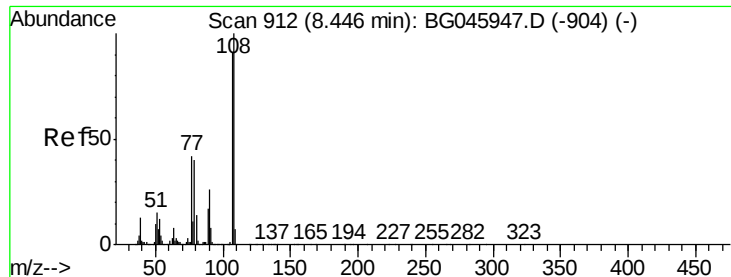
Ion Ratio Lower Upper

45 100

77 16.6 0.0 37.6

79 12.3 0.0 32.6





#17

2-Methylphenol

Concen: 8.436 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:107 Resp: 81983

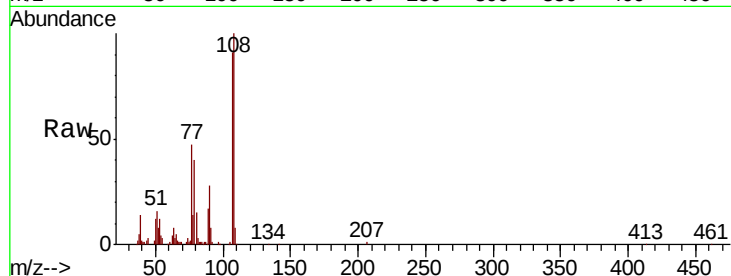
Ion Ratio Lower Upper

107 100

108 110.5 88.2 132.4

77 52.4 37.0 55.4

79 43.8 35.4 53.0

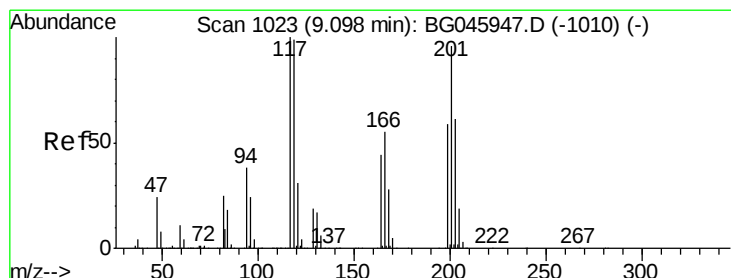
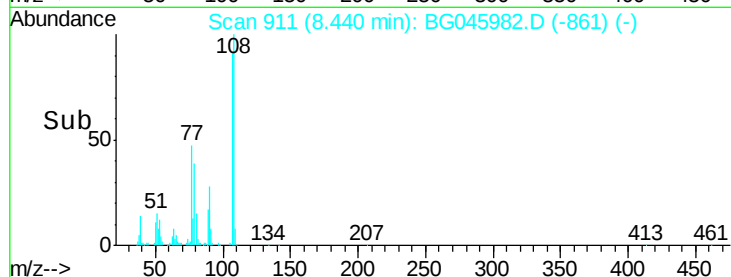
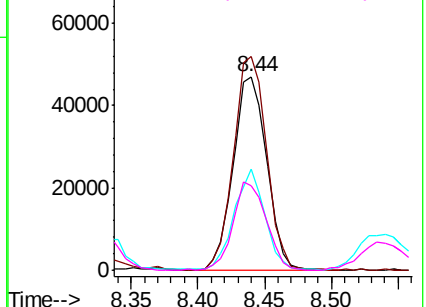


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 9.172 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

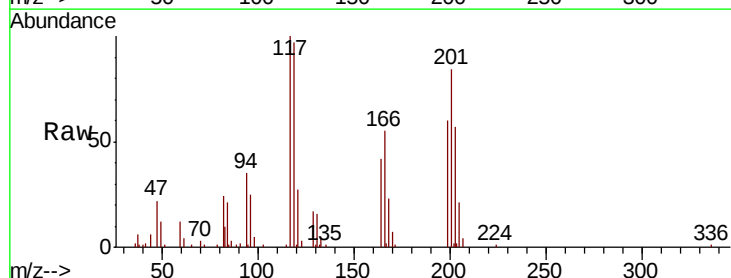
Tgt Ion:117 Resp: 38631

Ion Ratio Lower Upper

117 100

119 97.5 79.5 119.3

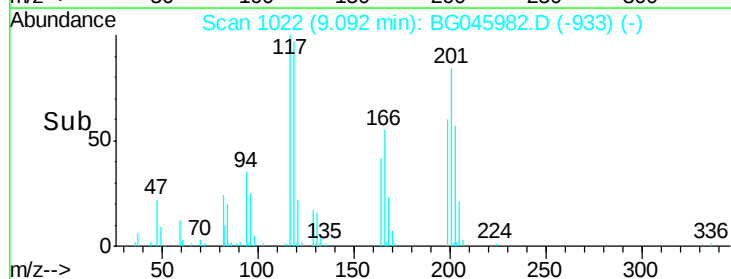
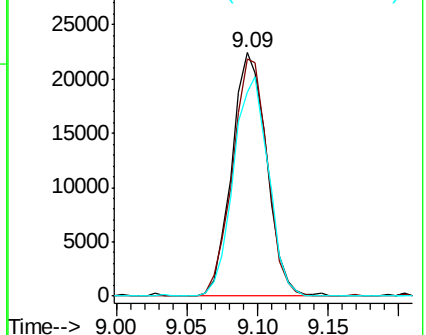
201 83.8 77.0 115.4

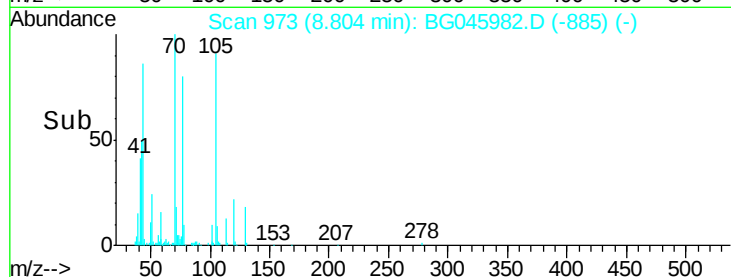
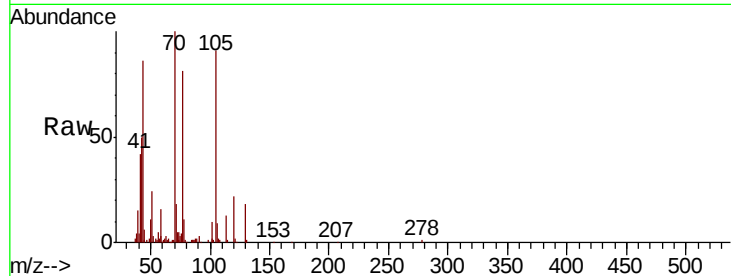
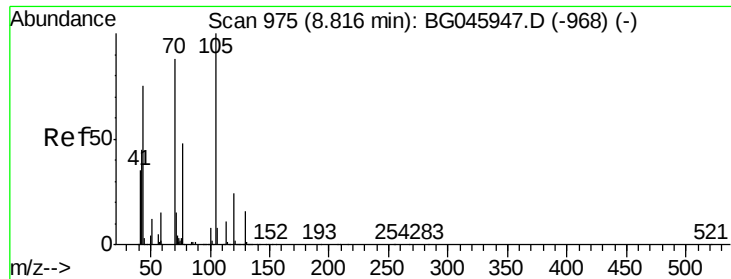


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

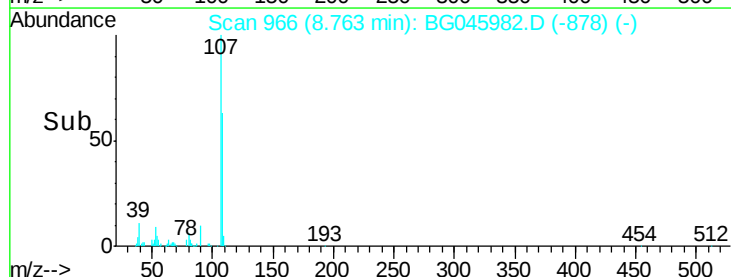
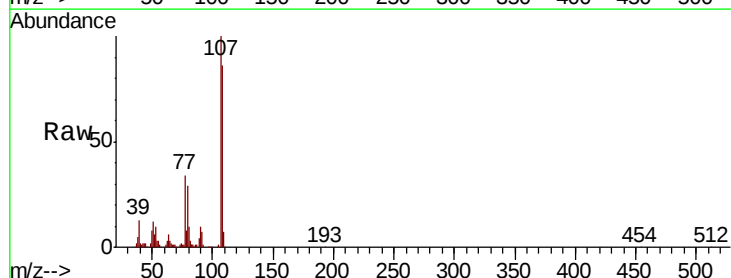
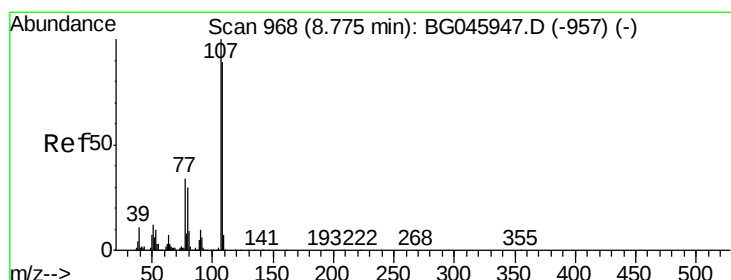
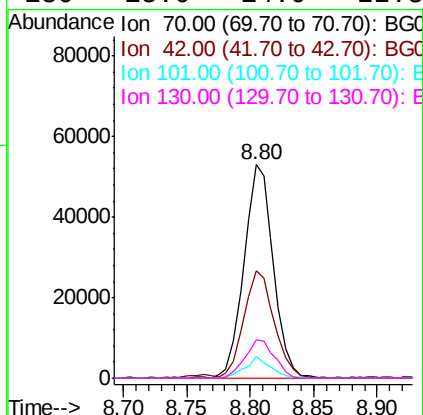




#19
n-Nitroso-di-n-propylamine
Concen: 9.363 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

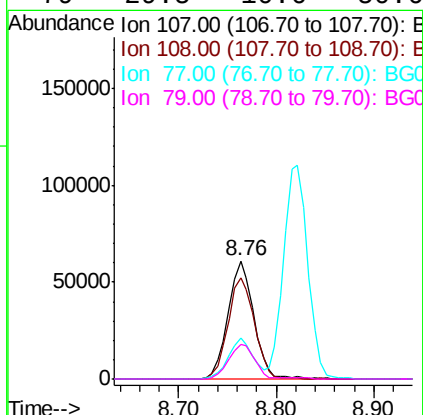
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

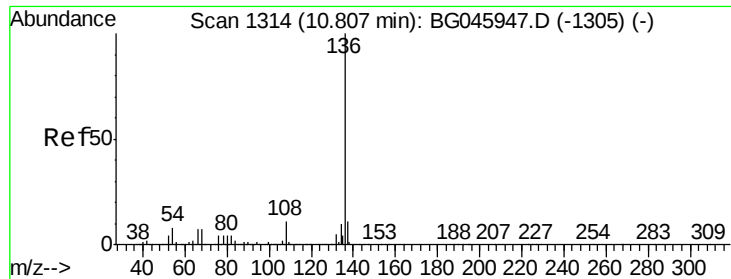
Tot Ion:	70	Resp:	84927
Ion	Ratio	Lower	Upper
70	100		
42	50.2	41.4	62.0
101	9.9	7.1	10.7
130	18.0	14.9	22.3



#20
3+4-Methylphenols
Concen: 8.425 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:	107	Resp:	111594
Ion	Ratio	Lower	Upper
107	100		
108	86.1	68.7	108.7
77	34.2	14.6	54.6
79	29.5	10.6	50.6

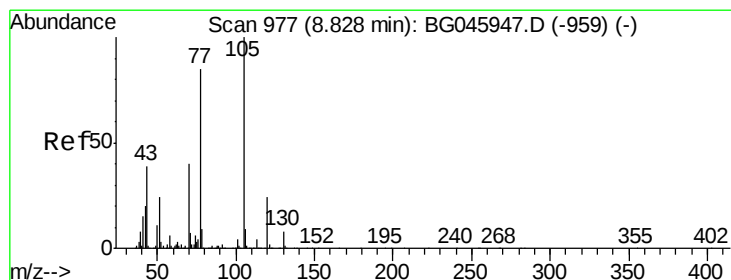
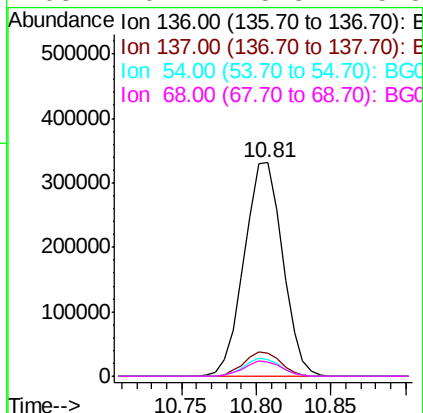
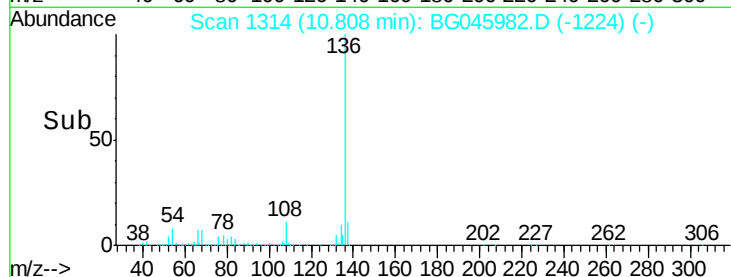
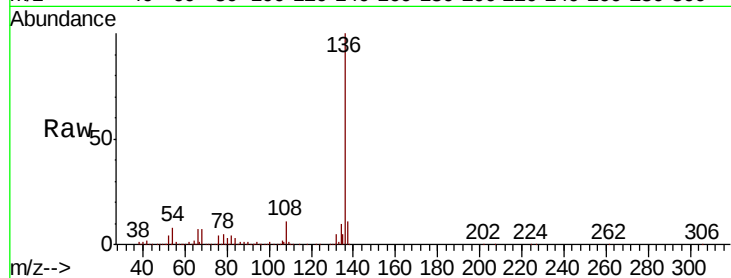




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

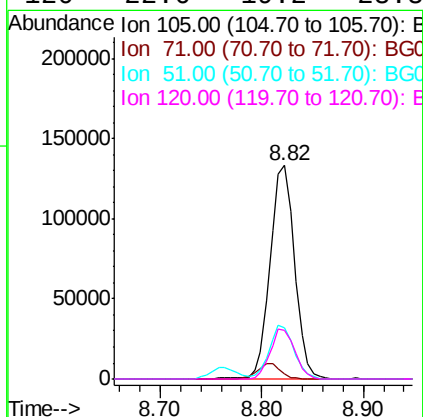
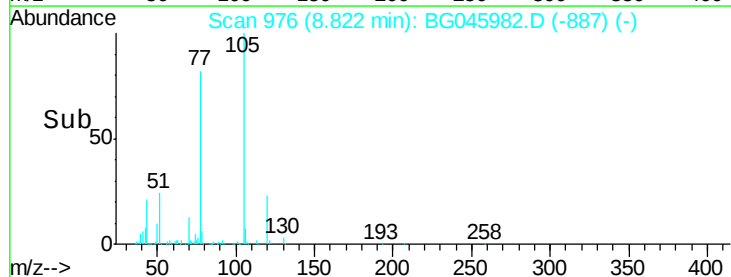
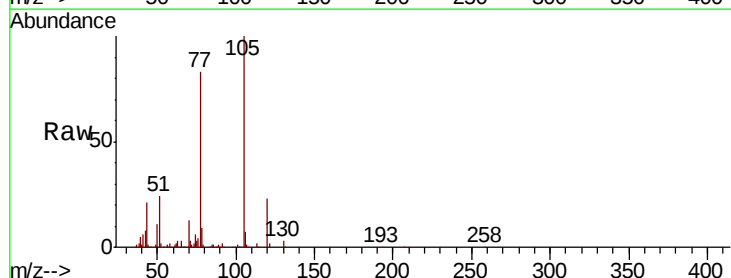
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

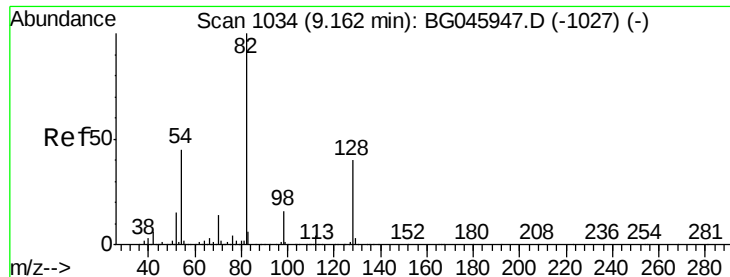
Tot Ion:136	Resp: 590423
Ion Ratio	Lower Upper
136 100	
137 11.1	9.2 13.8
54 8.0	6.2 9.4
68 6.7	5.8 8.8



#22
Acetophenone
Concen: 14.292 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt	Ion:105	Resp:	225429
Ion	Ratio	Lower	Upper
105	100		
71	2.6	6.2	9.2#
51	24.1	19.7	29.5
120	22.6	19.2	28.8





#23

Nitrobenzene-d5

Concen: 83.520 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

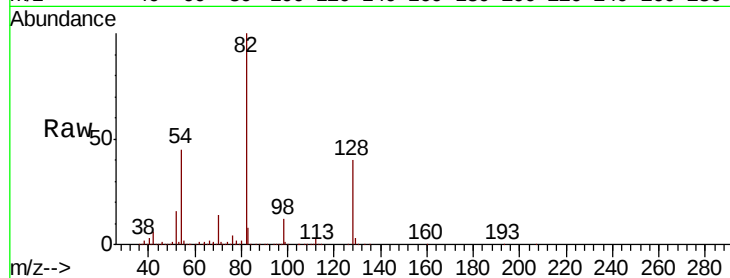
Tot Ion: 82 Resp: 856739

Ion Ratio Lower Upper

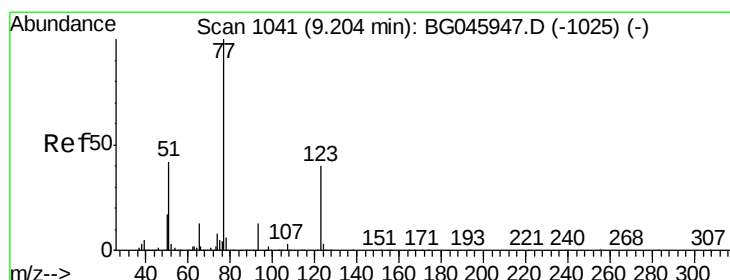
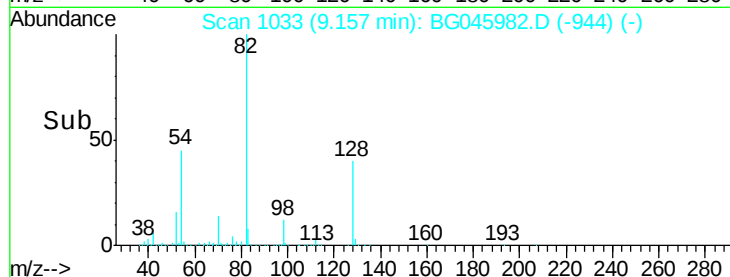
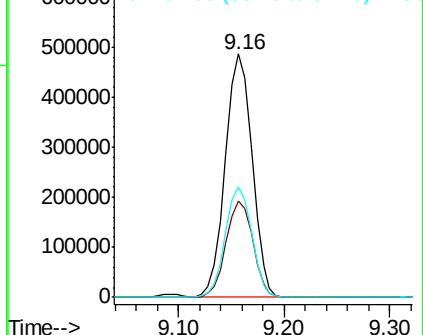
82 100

128 39.7 32.2 48.4

54 45.1 35.8 53.6



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#24

Nitrobenzene

Concen: 10.112 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

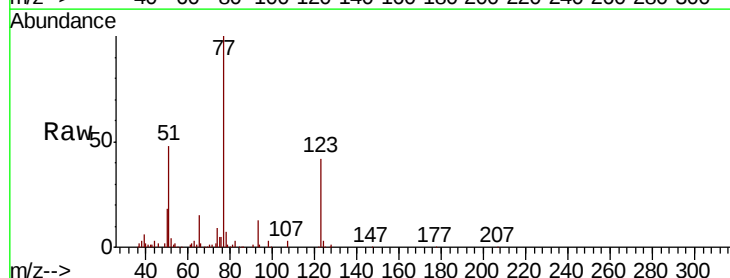
Tgt Ion: 77 Resp: 114489

Ion Ratio Lower Upper

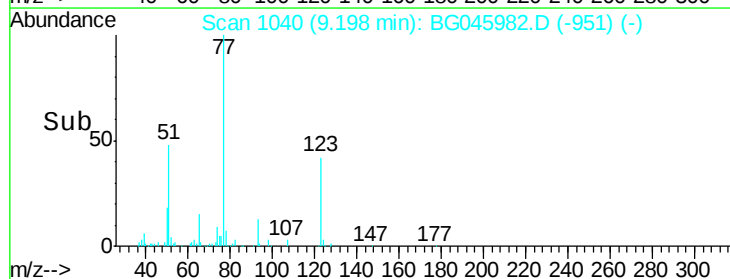
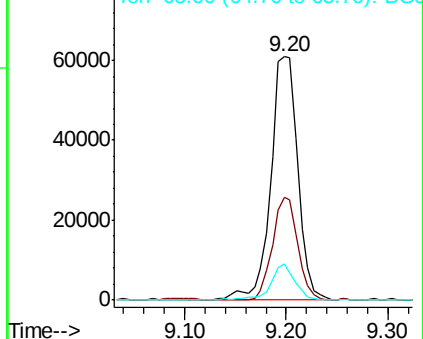
77 100

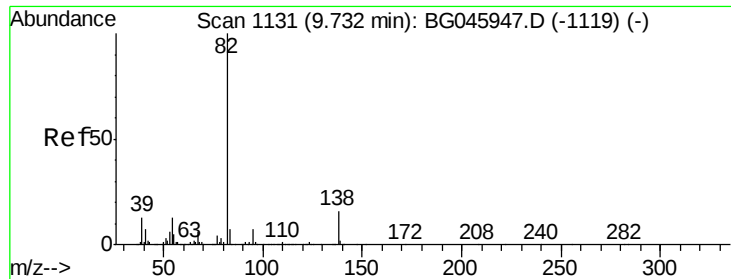
123 42.1 32.7 49.1

65 14.7 10.2 15.4



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 123.00 (122.70 to 123.70): BGC
Ion 65.00 (64.70 to 65.70): BGC

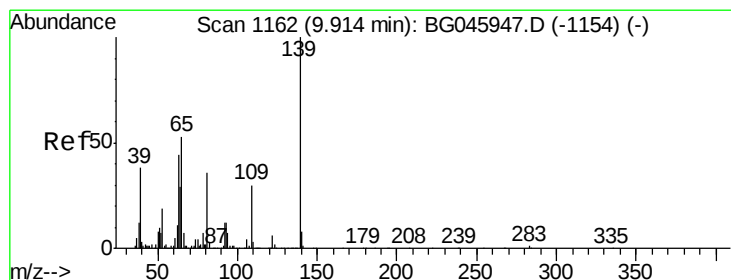
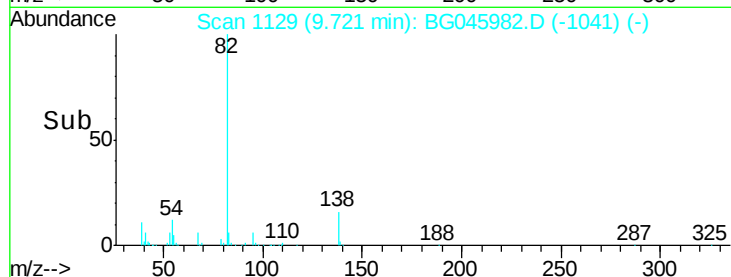
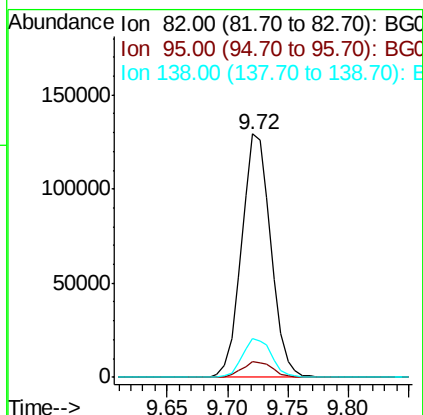
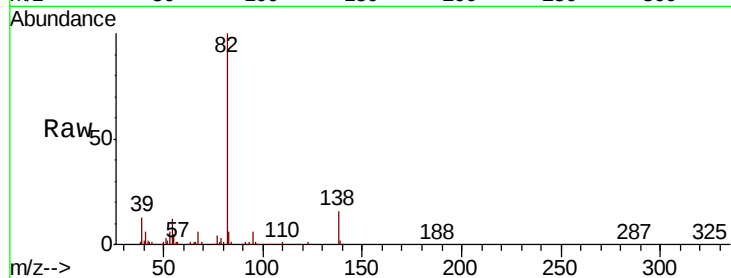




#25
Isophorone
Concen: 8.735 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

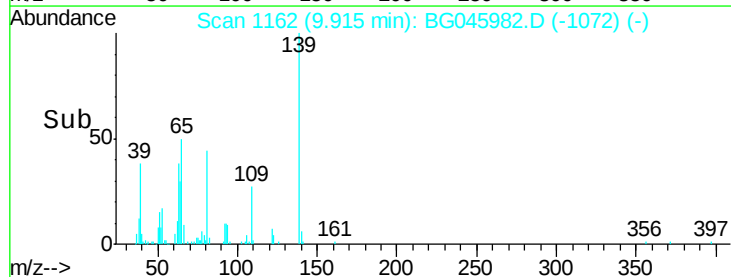
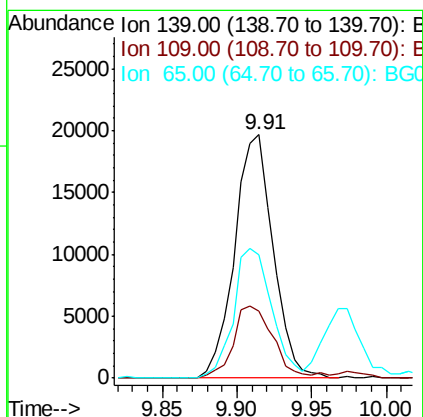
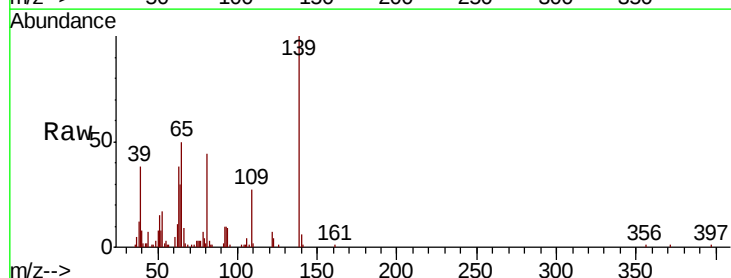
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

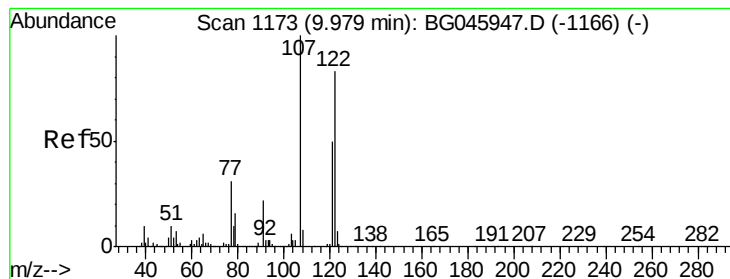
Tot Ion: 82 Resp: 218741
Ion Ratio Lower Upper
82 100
95 6.3 5.8 8.6
138 16.1 12.9 19.3



#26
2-Nitrophenol
Concen: 9.563 ng
RT: 9.91 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion: 139 Resp: 35291
Ion Ratio Lower Upper
139 100
109 27.5 24.6 37.0
65 50.5 42.6 64.0





#27

2,4-Dimethylphenol

Concen: 9.691 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

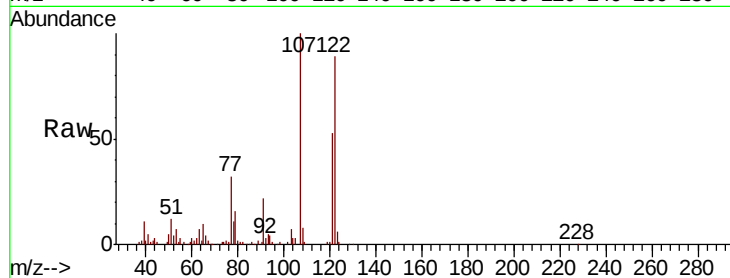
Tot Ion: 122 Resp: 86382

Ion Ratio Lower Upper

122 100

107 112.9 95.6 143.4

121 60.0 47.7 71.5

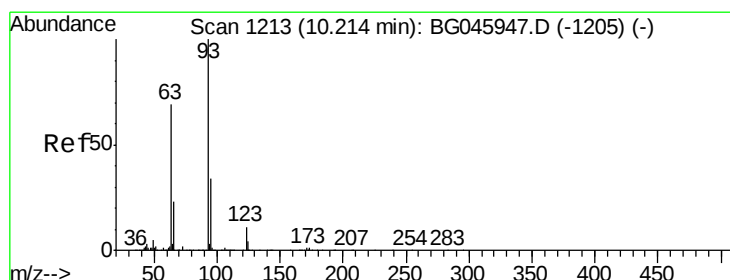
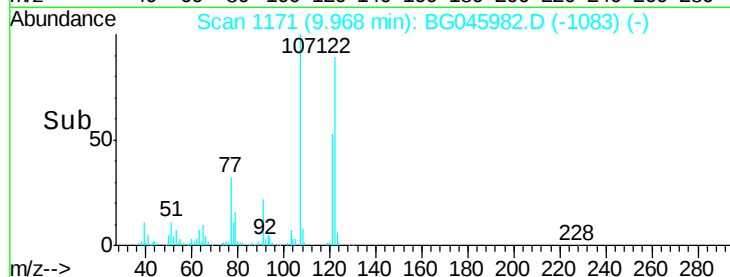
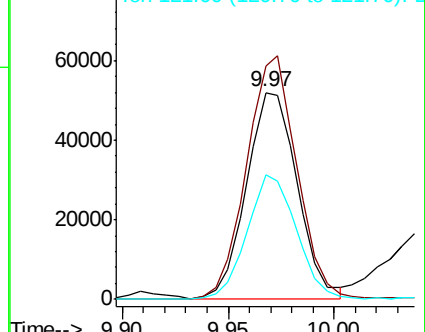


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 9.200 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

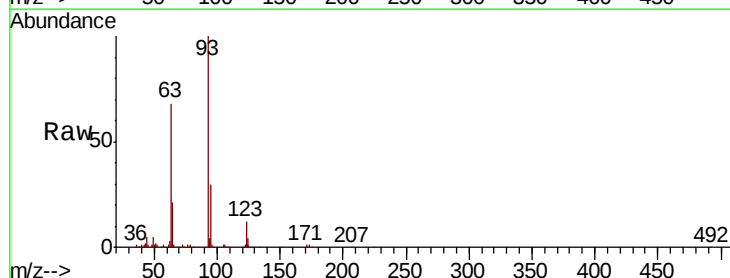
Tgt Ion: 93 Resp: 129366

Ion Ratio Lower Upper

93 100

95 30.3 27.5 41.3

123 12.0 9.2 13.8

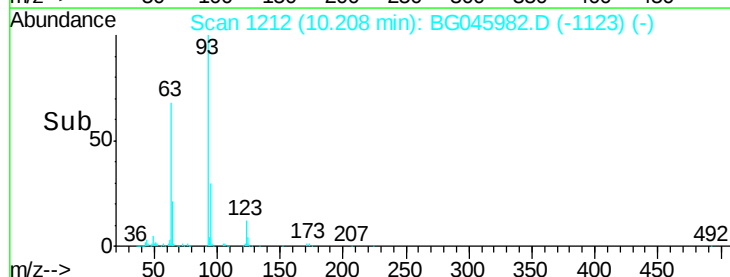
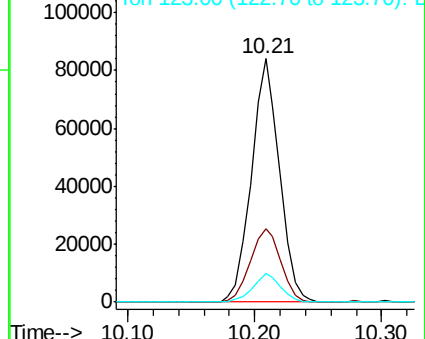


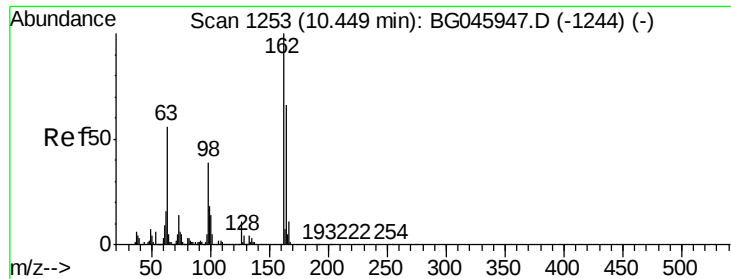
Abundance

Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 8.748 ng

RT: 10.44 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

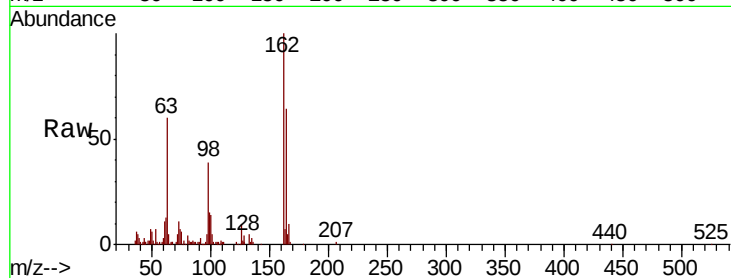
Tot Ion:162 Resp: 80719

Ion Ratio Lower Upper

162 100

164 64.2 46.0 86.0

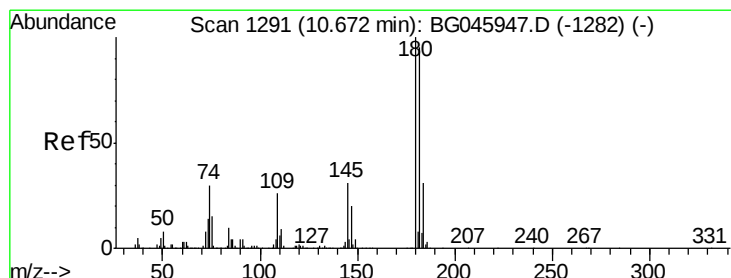
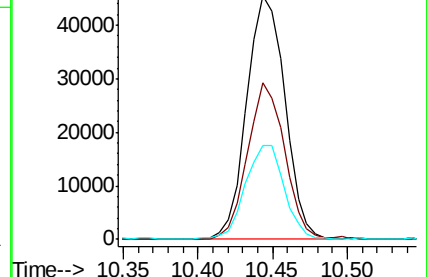
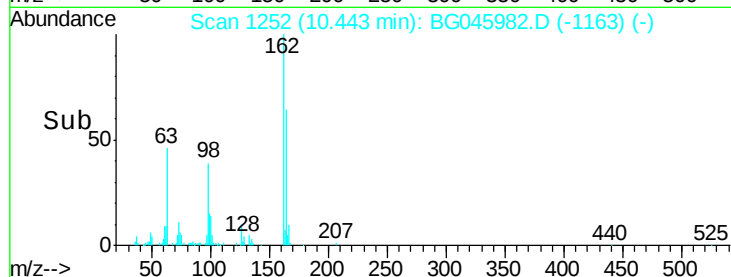
98 38.7 19.2 59.2



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 8.945 ng

RT: 10.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

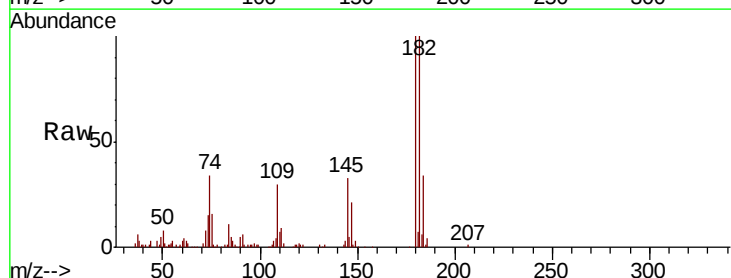
Tgt Ion:180 Resp: 91452

Ion Ratio Lower Upper

180 100

182 100.1 76.3 114.5

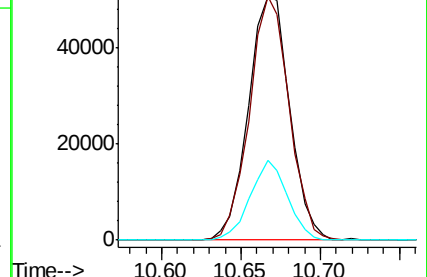
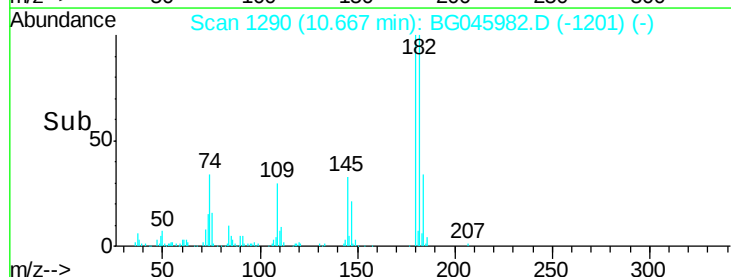
145 32.8 24.8 37.2

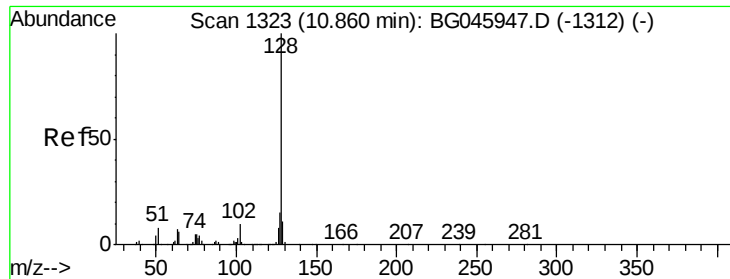


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

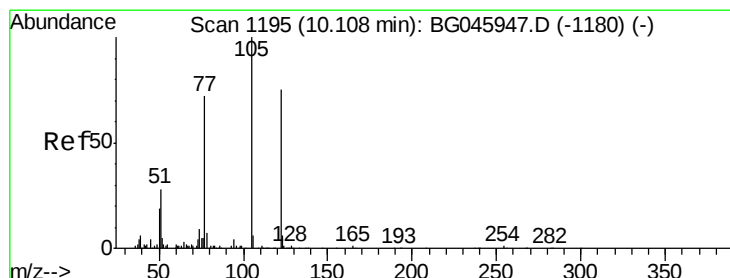
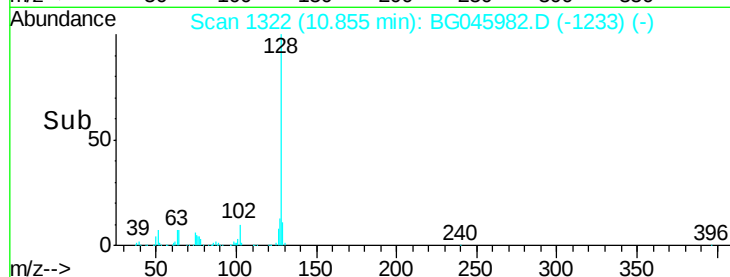
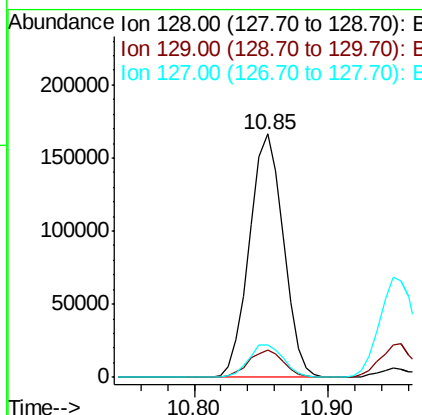
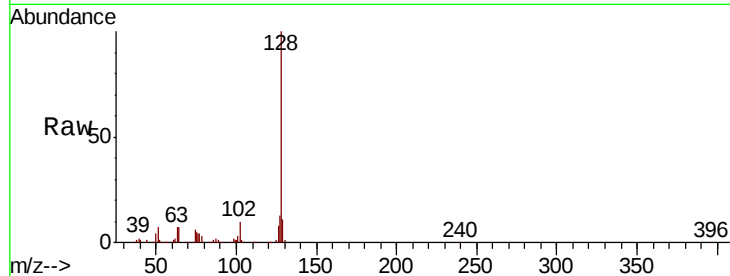




#31
Naphthalene
Concen: 9.231 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

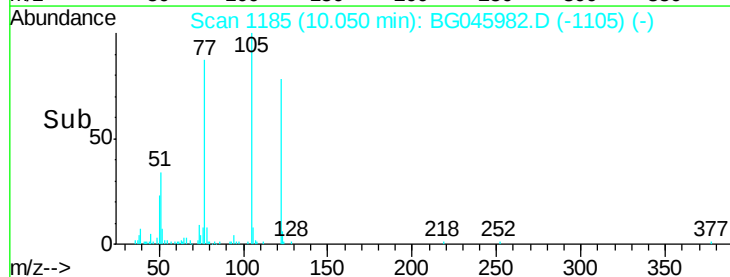
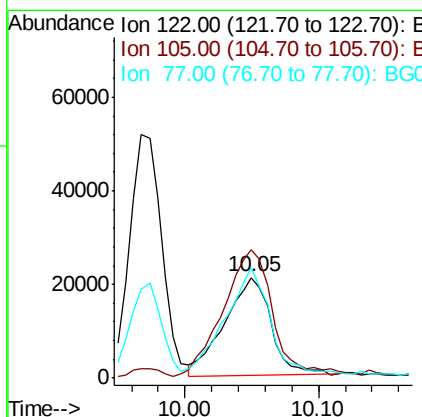
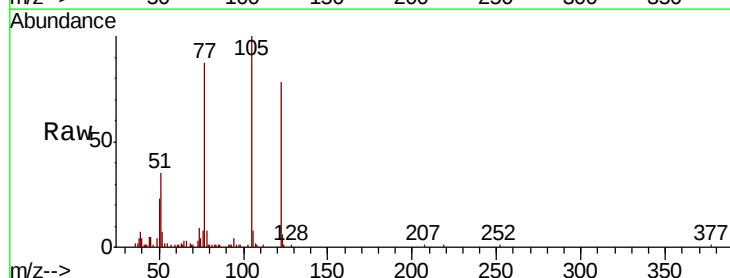
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

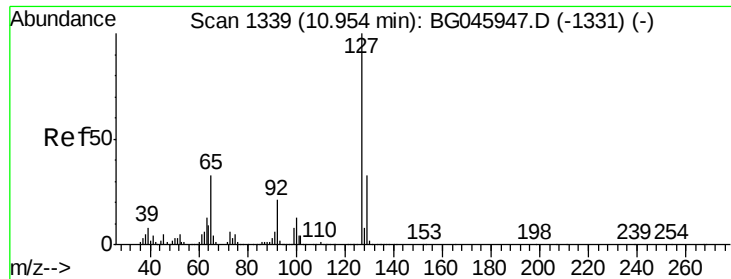
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.2	13.8
127	13.1	11.8	17.6



#32
Benzoic acid
Concen: 10.386 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.06 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.4	110.8	150.8
77	110.5	76.4	116.4

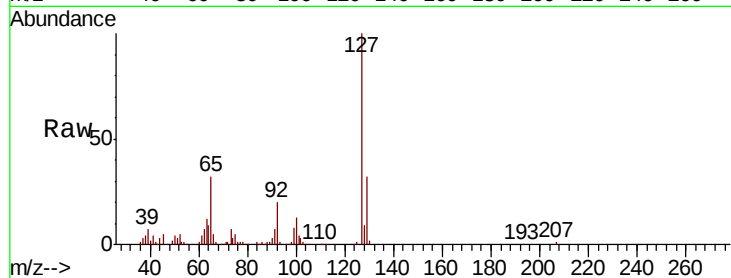




#33
4-Chloroaniline
Concen: 8.703 ng
RT: 10.95 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

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

Tot Ion:	127	Resp:	123098
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.6	39.8
65	31.8	26.8	40.2
92	20.1	17.0	25.4



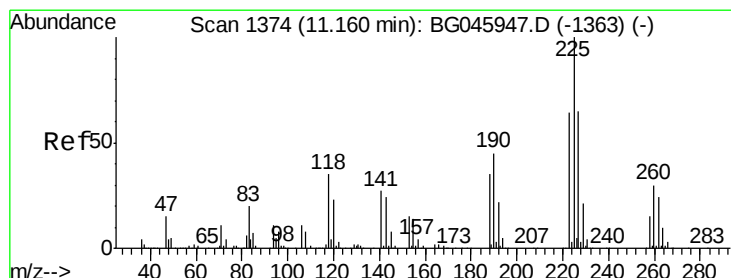
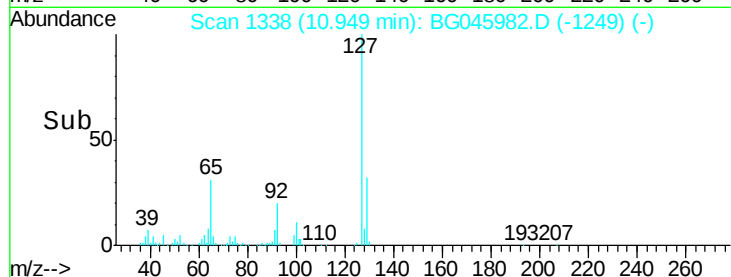
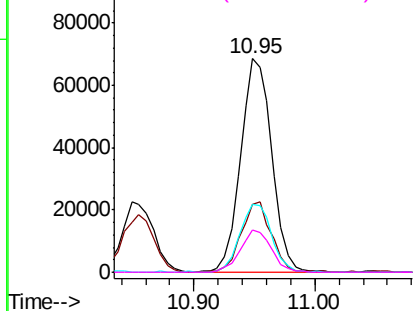
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

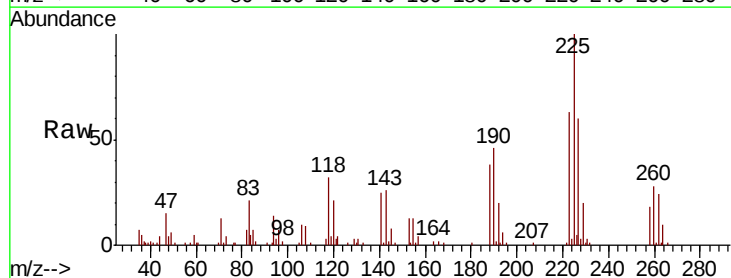
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 8.420 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:	225	Resp:	50266
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.2	76.8
227	60.3	52.3	78.5

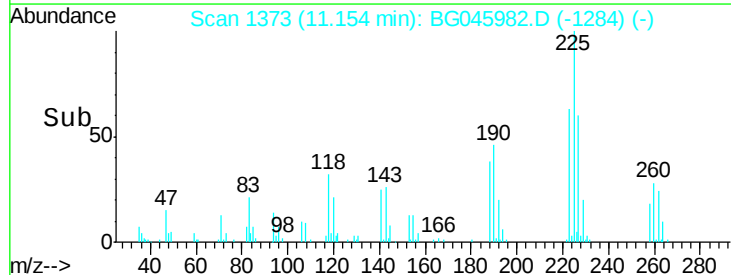
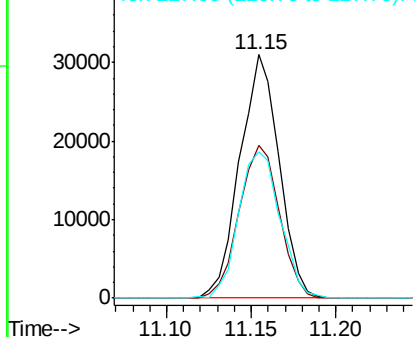


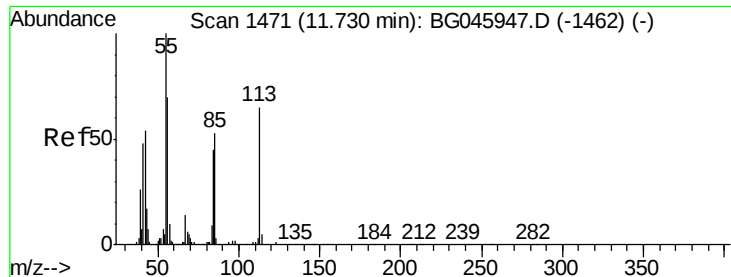
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 8.614 ng

RT: 11.69 min Scan# 1464

Delta R.T. -0.04 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

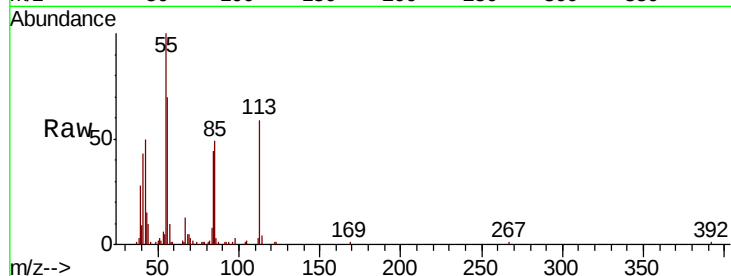
Tot Ion:113 Resp: 30176

Ion Ratio Lower Upper

113 100

55 168.7 141.6 181.6

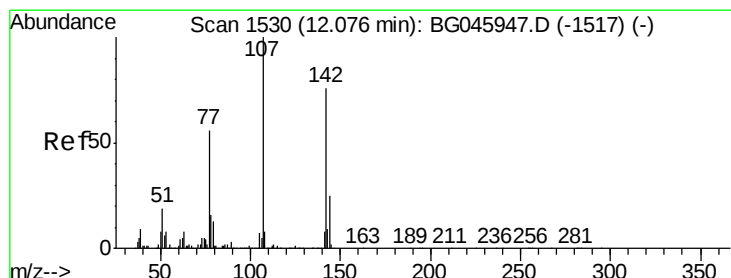
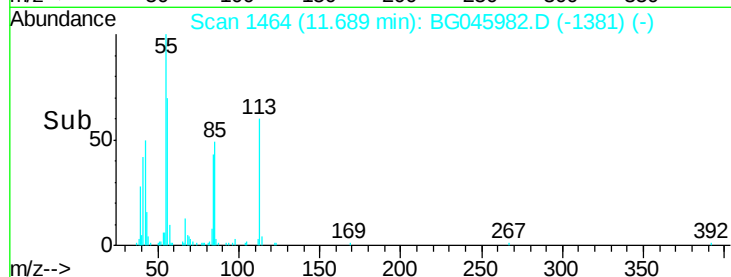
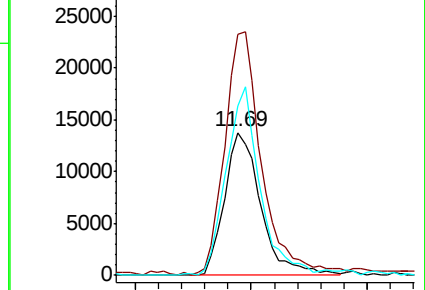
56 118.5 89.6 129.6



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 8.915 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

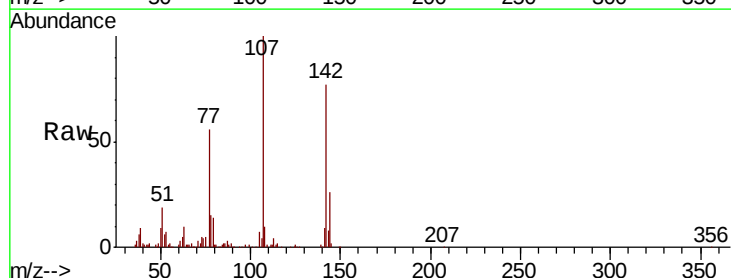
Tgt Ion:107 Resp: 93696

Ion Ratio Lower Upper

107 100

144 25.5 20.0 30.0

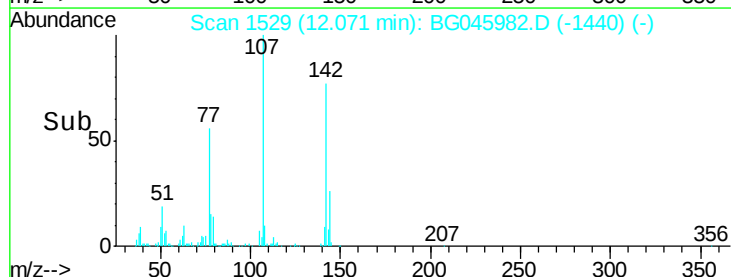
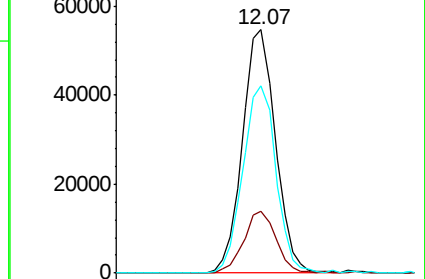
142 76.7 61.1 91.7

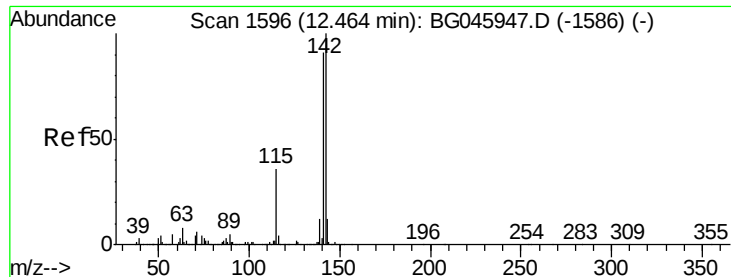


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

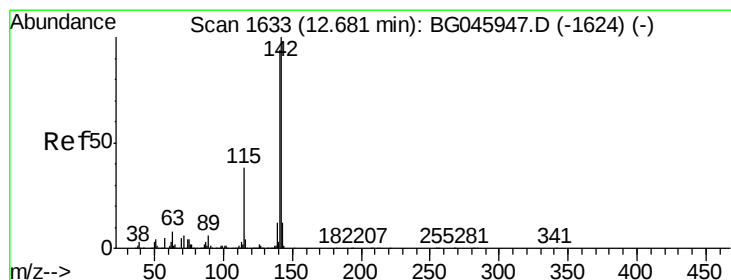
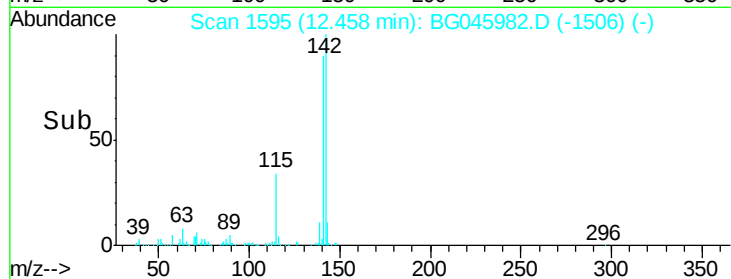
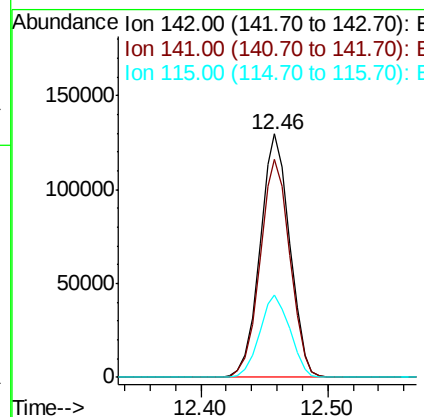
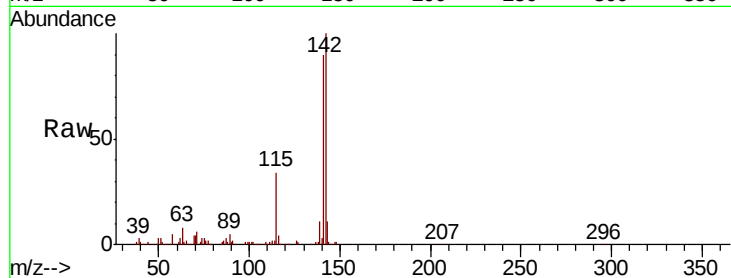




#37
2-Methylnaphthalene
Concen: 9.385 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

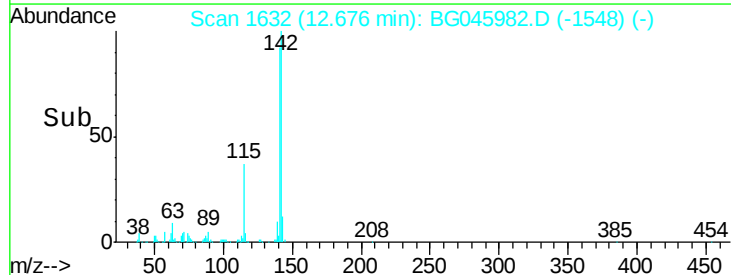
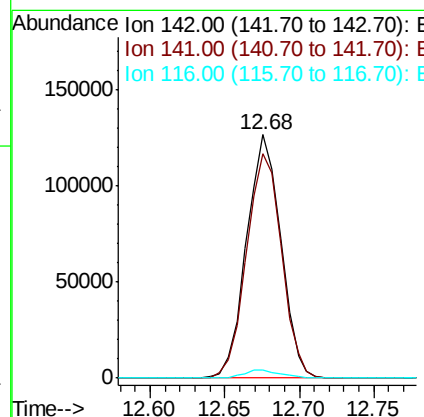
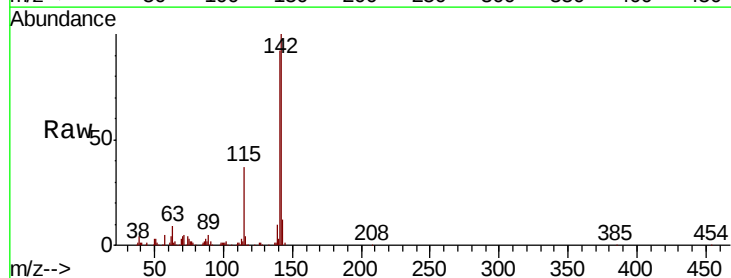
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

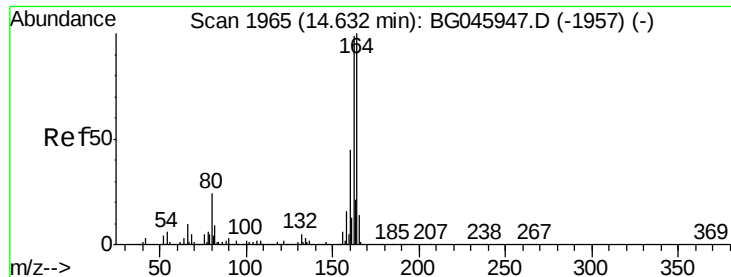
Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	73.0	109.6
115	34.0	28.8	43.2



#38
1-Methylnaphthalene
Concen: 9.423 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	75.2	112.8
116	3.5	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: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

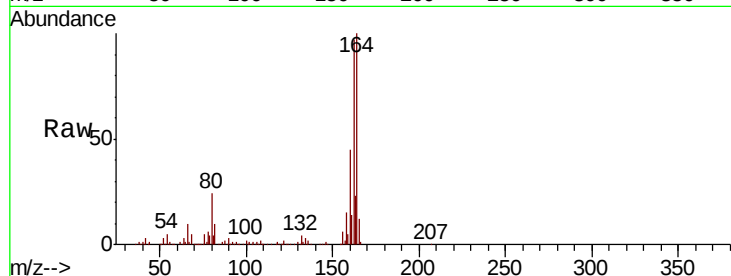
Tot Ion:164 Resp: 354144

Ion Ratio Lower Upper

164 100

162 96.9 79.3 118.9

160 45.3 35.7 53.5

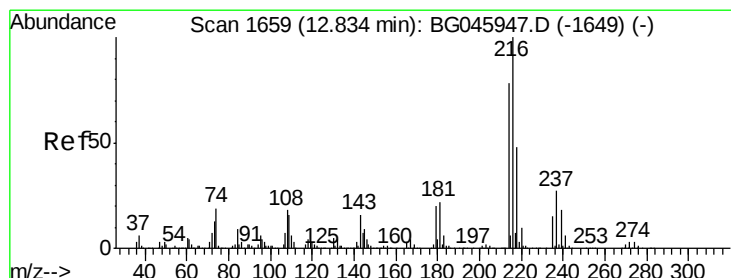
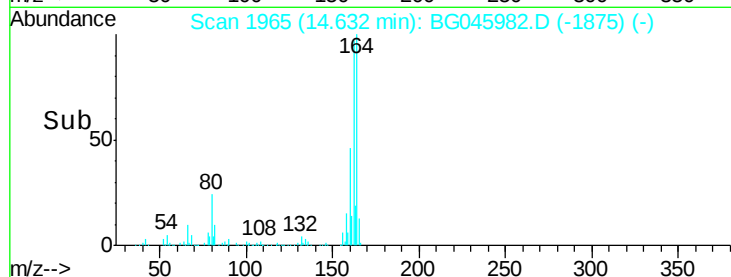
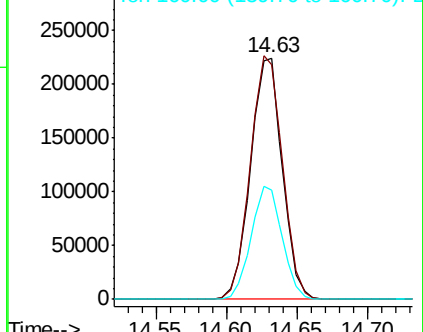


Abundance

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: 15.008 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion:216 Resp: 149821

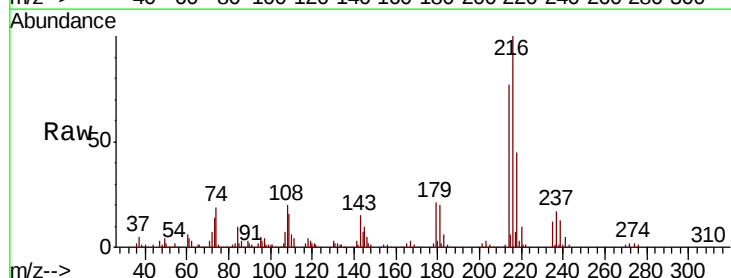
Ion Ratio Lower Upper

216 100

214 82.3 63.0 94.4

179 21.7 17.0 25.6

108 21.2 17.3 25.9



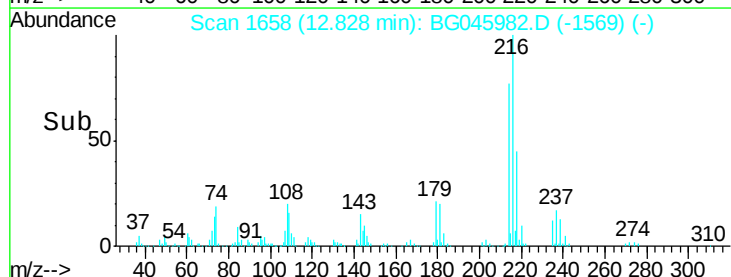
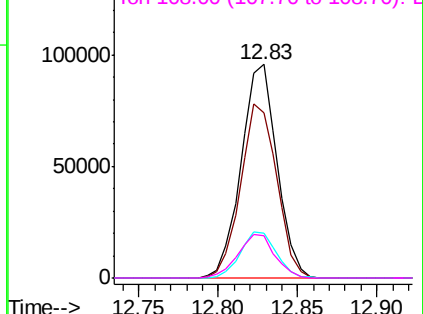
Abundance

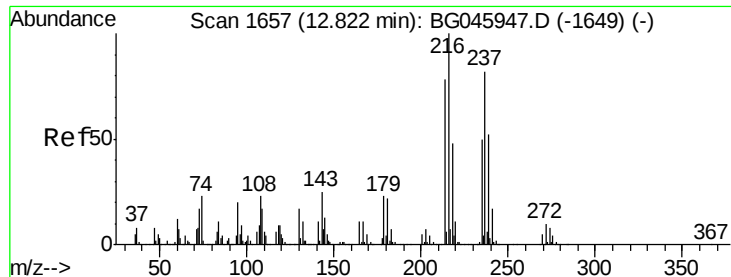
Ion 216.00 (215.70 to 216.70): E

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: 8.785 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

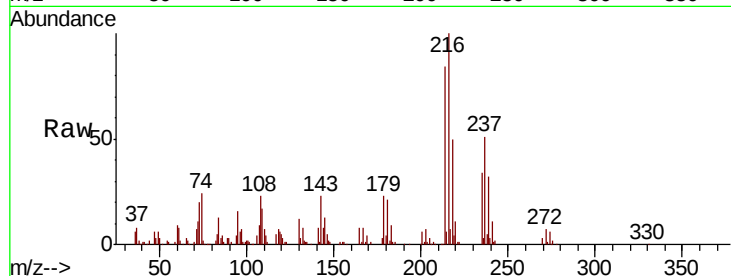
Tot Ion:237 Resp: 52036

Ion Ratio Lower Upper

237 100

235 67.8 41.5 81.5

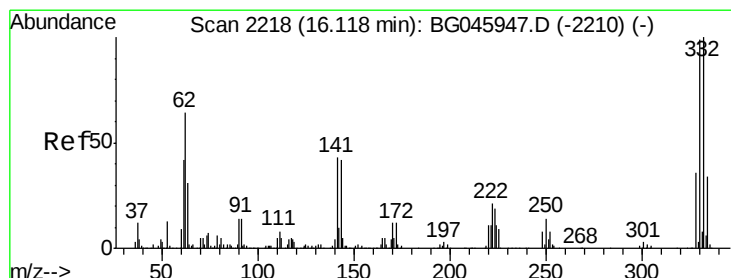
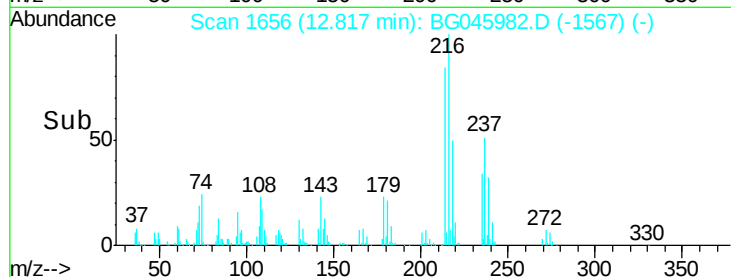
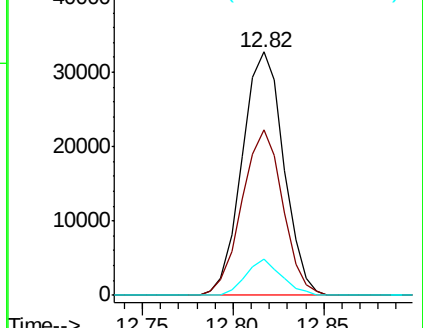
272 14.6 0.0 31.7



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: 101.777 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

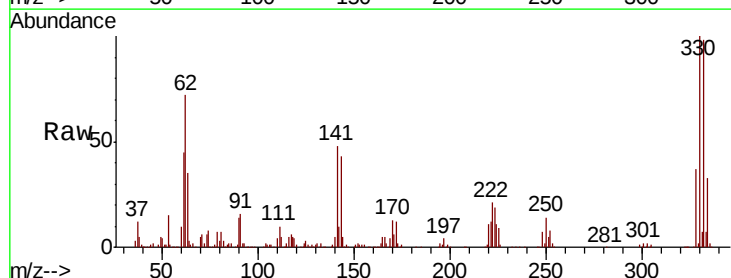
Tgt Ion:330 Resp: 334523

Ion Ratio Lower Upper

330 100

332 95.3 78.3 117.5

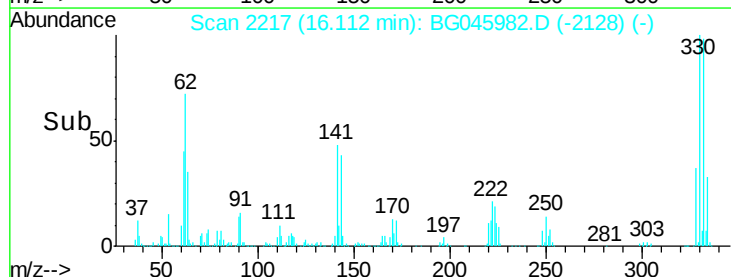
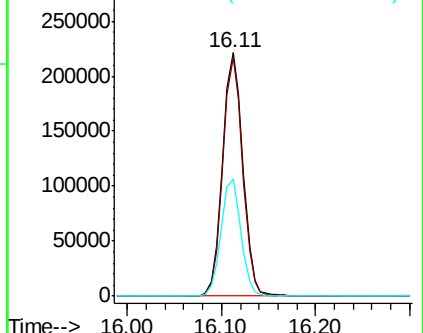
141 47.4 36.6 54.8

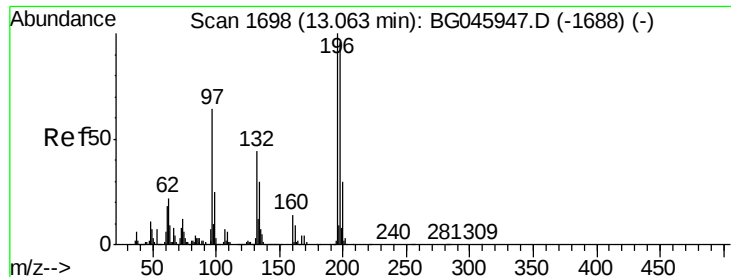


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

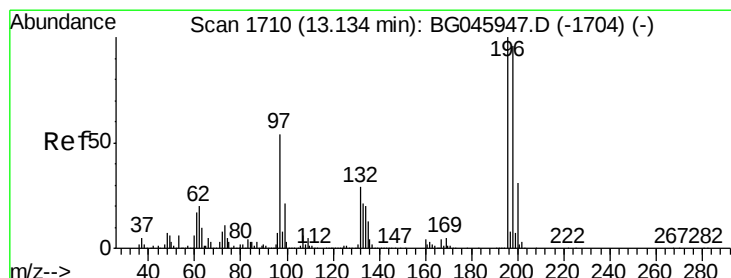
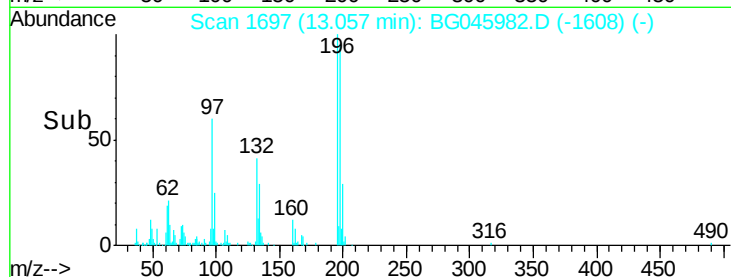
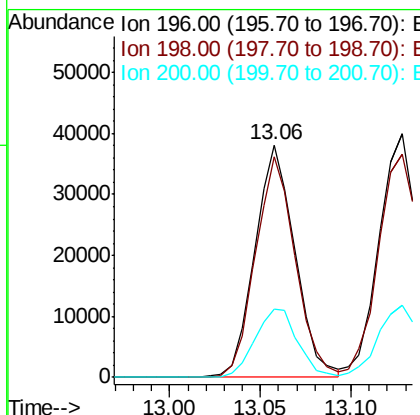
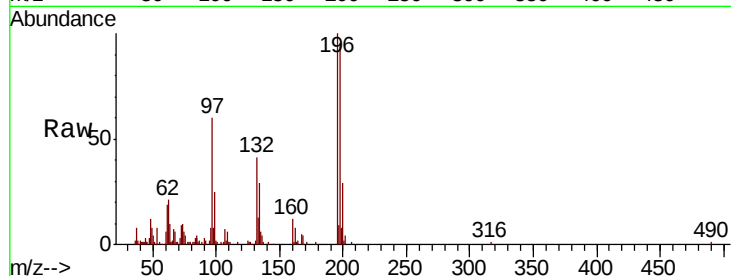




#43
 2,4,6-Trichlorophenol
 Concen: 8.710 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

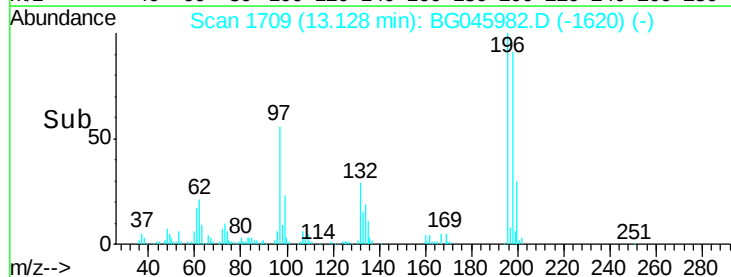
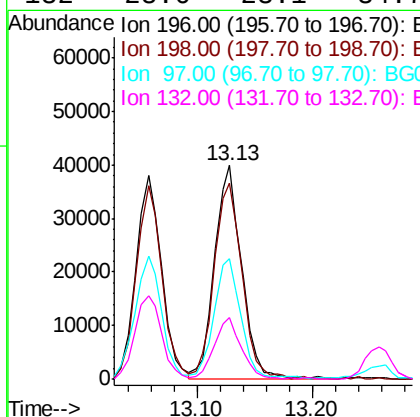
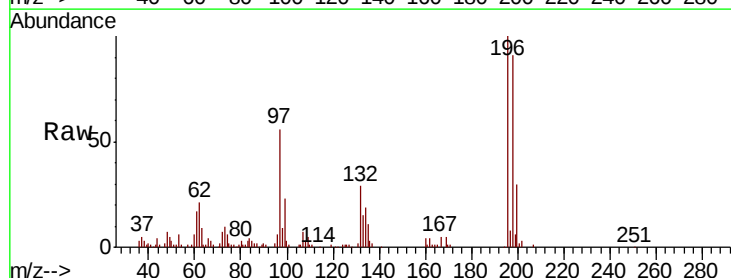
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

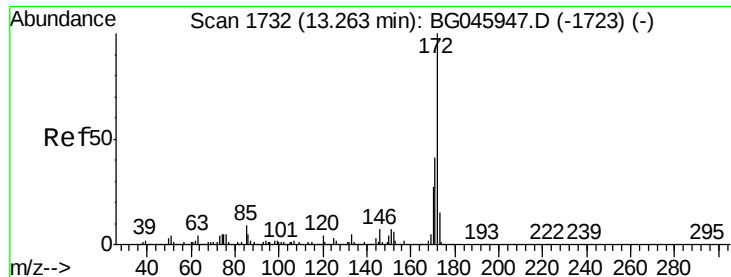
Tot Ion:196 Resp: 58807
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.7 115.1
 200 29.5 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 8.510 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion:196 Resp: 64959
 Ion Ratio Lower Upper
 196 100
 198 91.4 77.0 115.6
 97 56.1 44.3 66.5
 132 28.6 23.1 34.7

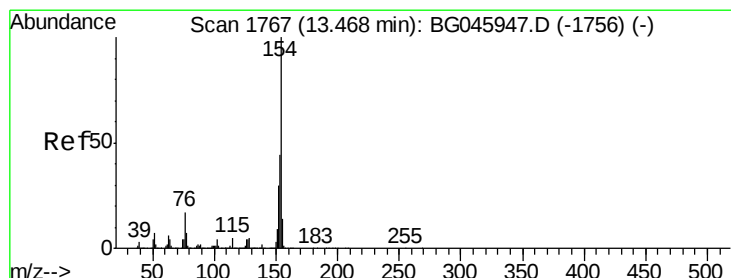
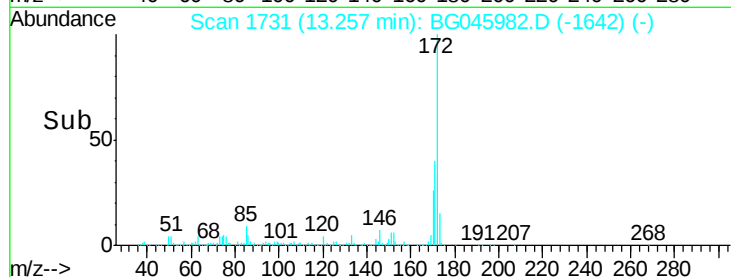
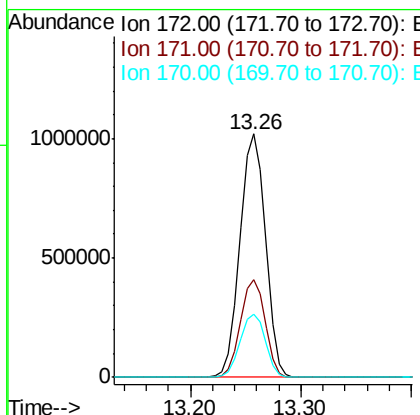
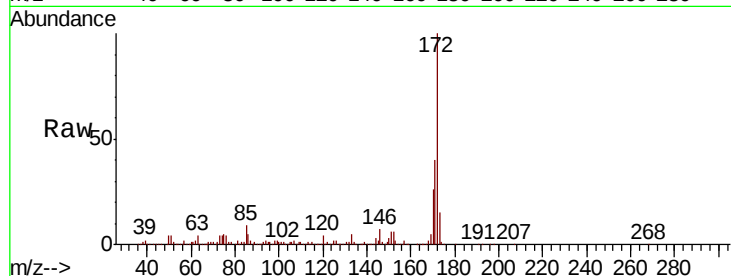




#45
2-Fluorobiphenyl
Concen: 73.131 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

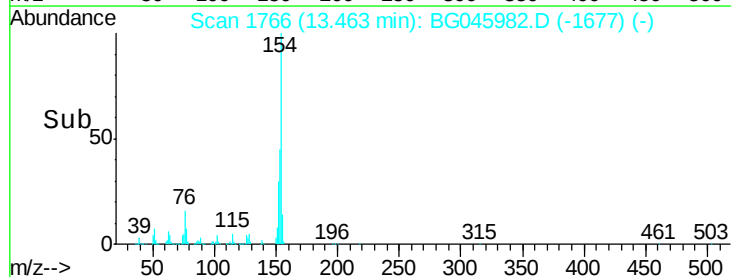
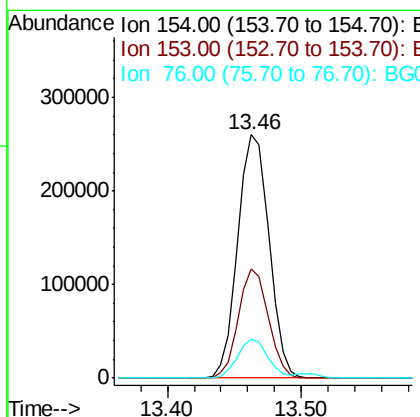
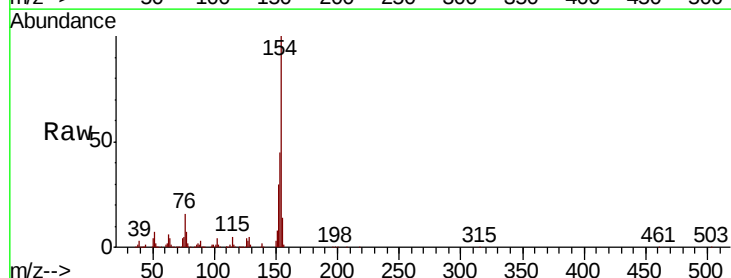
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

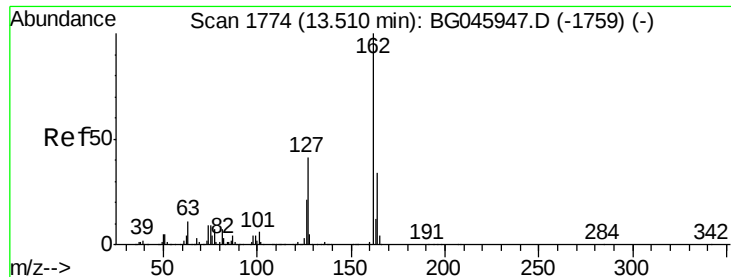
Tot Ion:172 Resp: 1660363
Ion Ratio Lower Upper
172 100
171 40.4 32.9 49.3
170 26.2 21.8 32.6



#46
1,1'-Biphenyl
Concen: 15.817 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:154 Resp: 421376
Ion Ratio Lower Upper
154 100
153 45.0 23.6 63.6
76 15.9 0.0 36.9

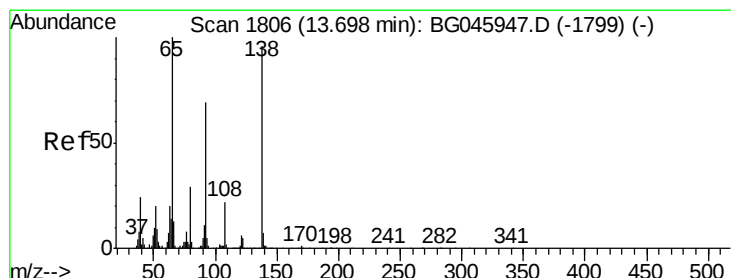
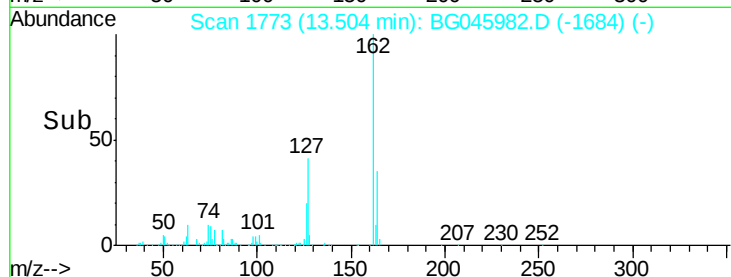
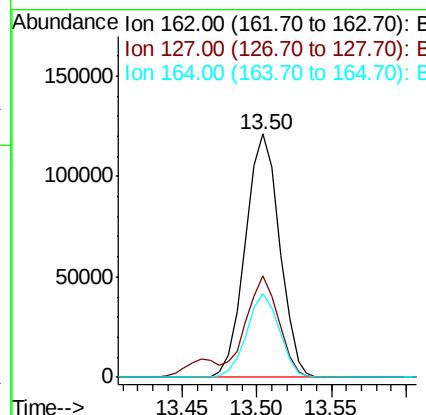
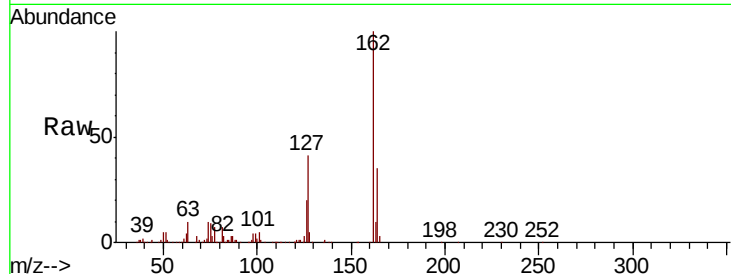




#47
2-Chloronaphthalene
Concen: 9.130 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

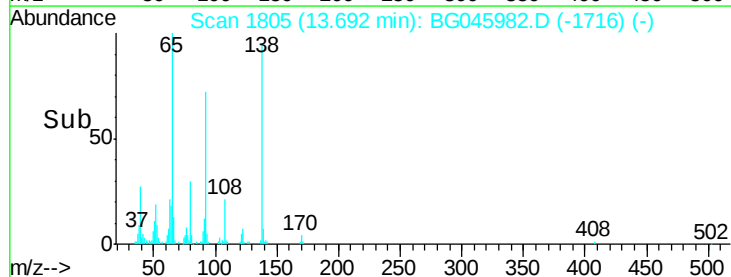
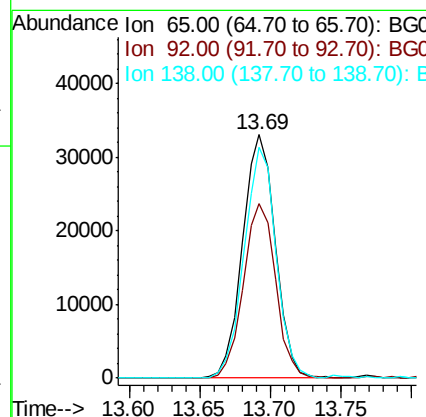
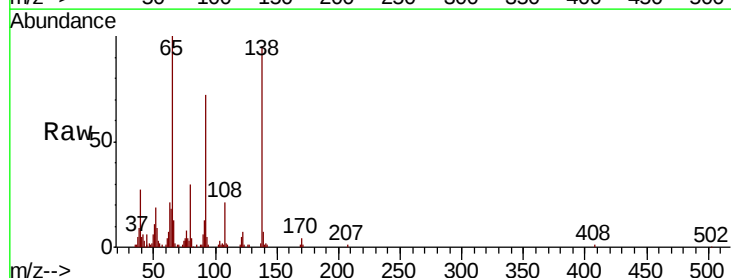
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

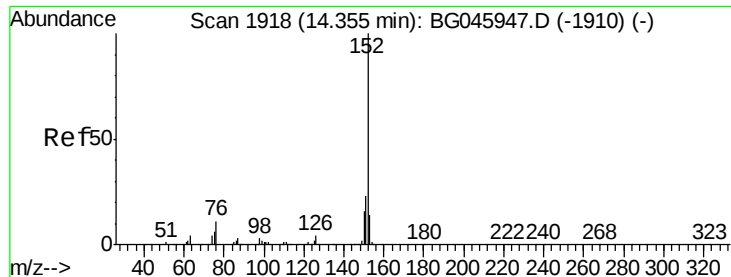
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.5	48.7
164	34.5	27.2	40.8



#48
2-Nitroaniline
Concen: 10.882 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.8	55.4	83.0
138	94.9	77.0	115.4





#49

Acenaphthylene

Concen: 9.520 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

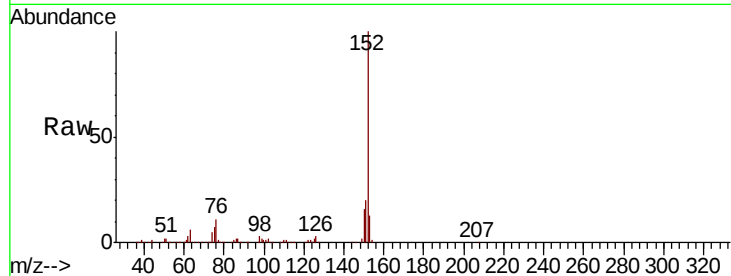
Tot Ion:152 Resp: 322861

Ion Ratio Lower Upper

152 100

151 20.3 18.1 27.1

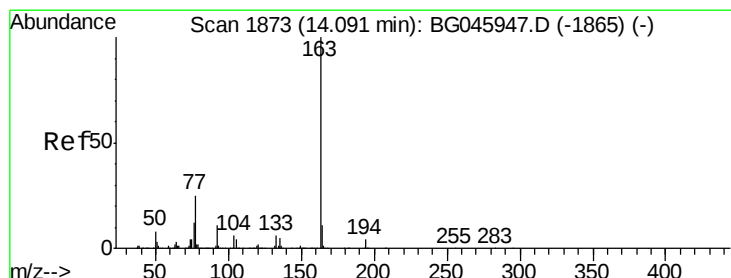
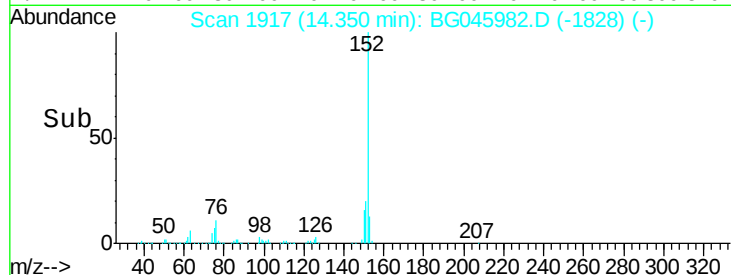
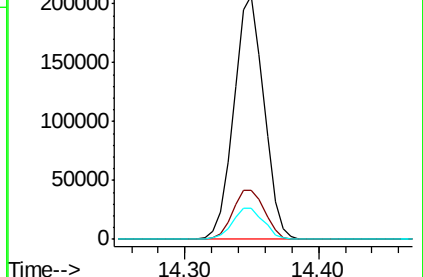
153 13.0 11.5 17.3



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: 9.047 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

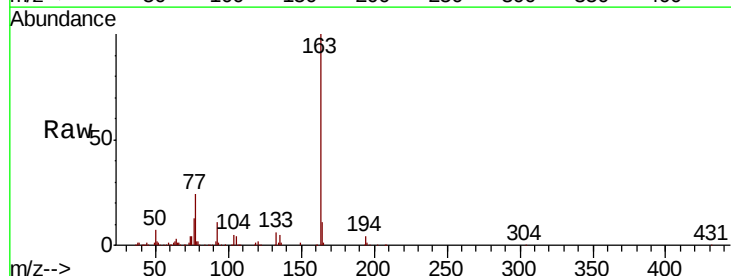
Tgt Ion:163 Resp: 240435

Ion Ratio Lower Upper

163 100

194 3.9 3.6 5.4

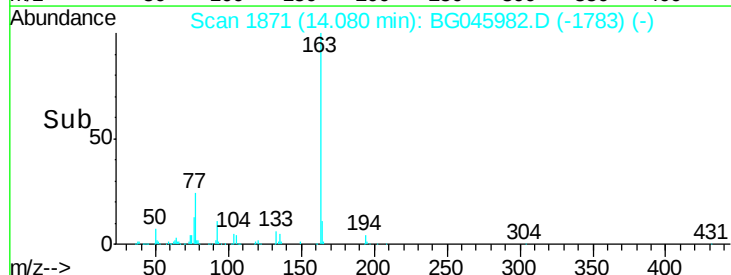
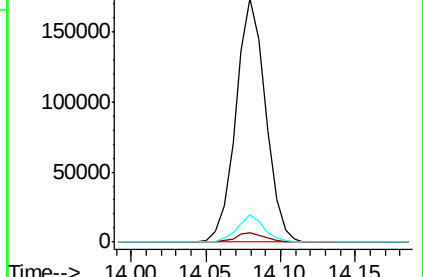
164 11.0 8.9 13.3

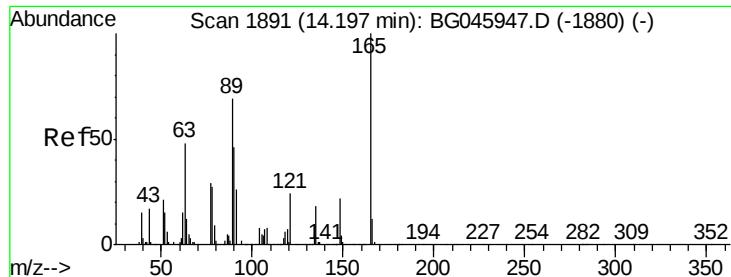


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

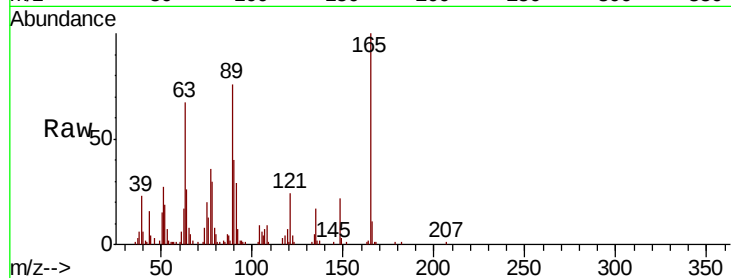




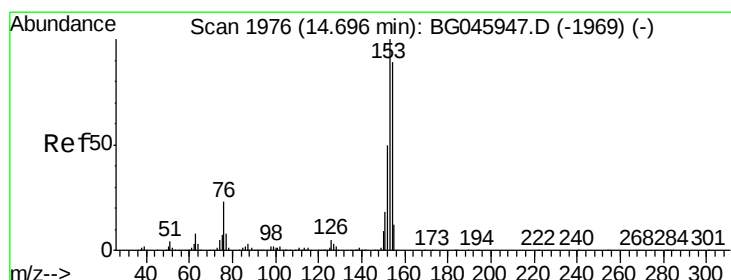
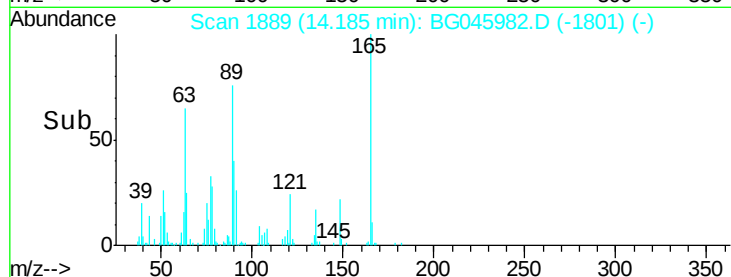
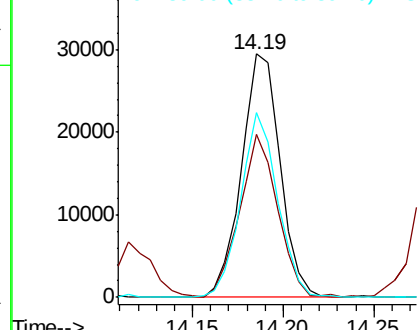
#51
2,6-Dinitrotoluene
Concen: 10.615 ng
RT: 14.19 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

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

Tot Ion:165 Resp: 43774
Ion Ratio Lower Upper
165 100
63 67.2 51.0 76.4
89 76.1 55.7 83.5

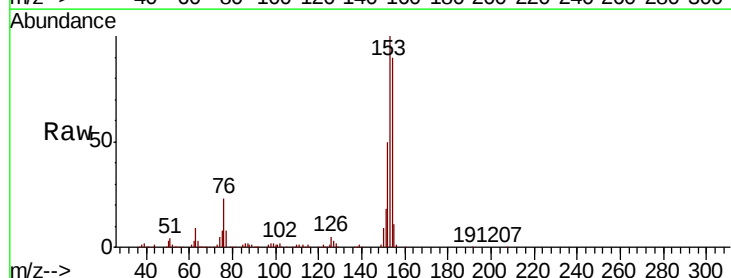


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGO
Ion 89.00 (88.70 to 89.70): BGO

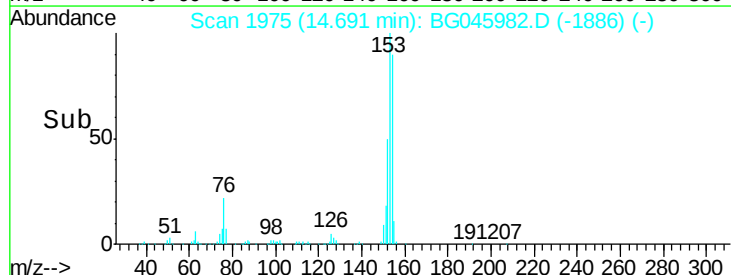
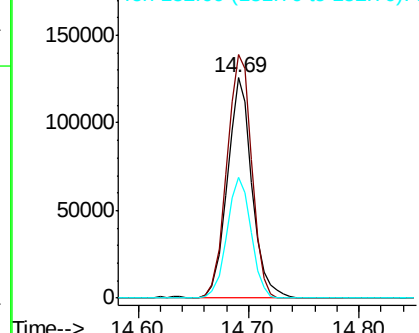


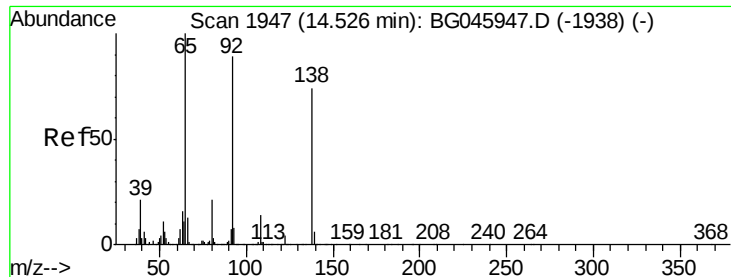
#52
Acenaphthene
Concen: 9.179 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:154 Resp: 196361
Ion Ratio Lower Upper
154 100
153 110.7 89.7 134.5
152 54.9 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

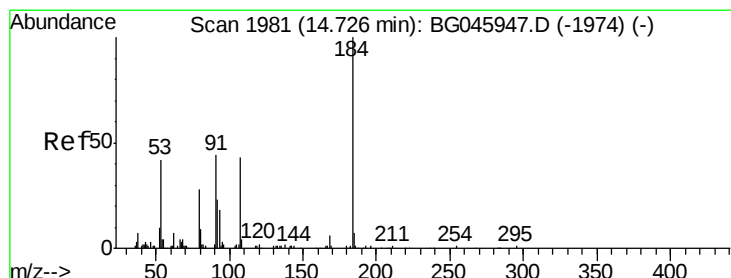
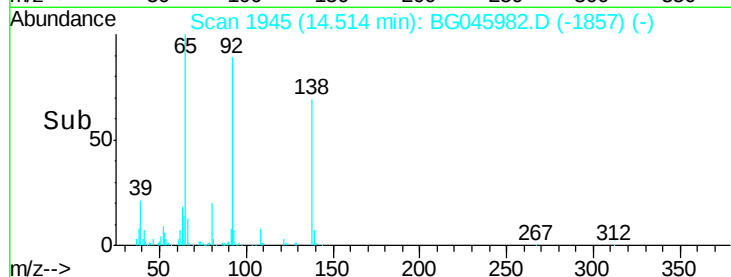
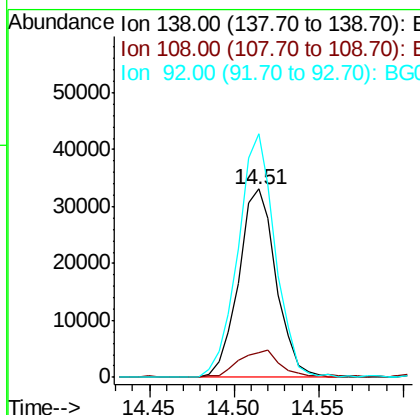
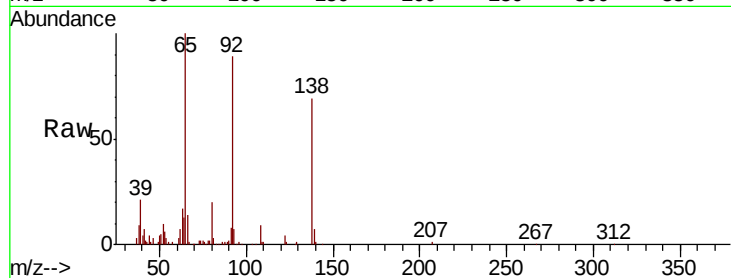




#53
3-Nitroaniline
Concen: 9.976 ng
RT: 14.51 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

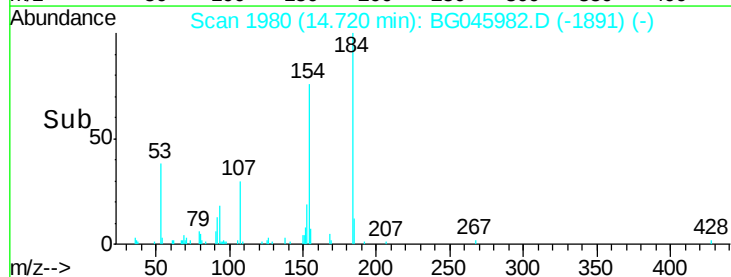
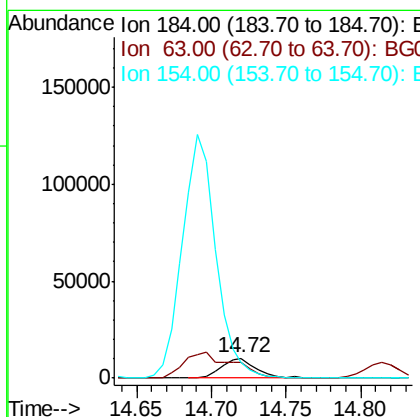
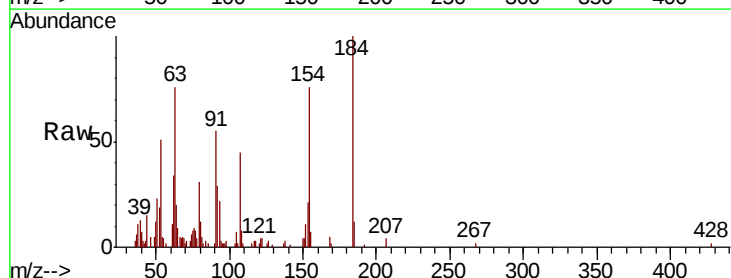
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

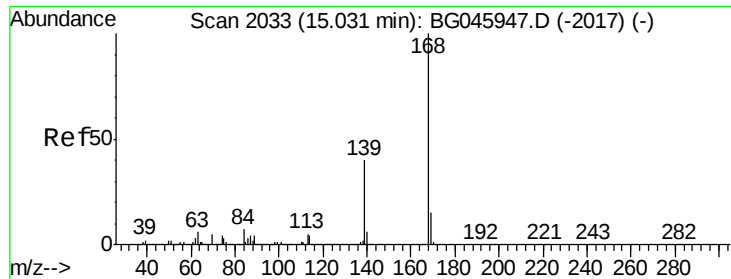
Tot Ion:138 Resp: 50980
Ion Ratio Lower Upper
138 100
108 13.5 15.4 23.2#
92 129.3 95.9 143.9



#54
2,4-Dinitrophenol
Concen: 11.581 ng
RT: 14.72 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:184 Resp: 16847
Ion Ratio Lower Upper
184 100
63 75.8 46.0 69.0#
154 75.8 58.2 87.2





#55

Dibenzofuran

Concen: 9.508 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

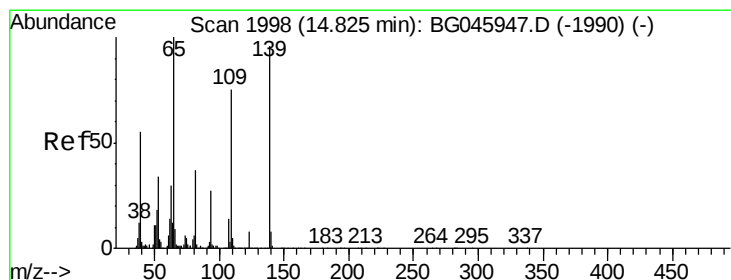
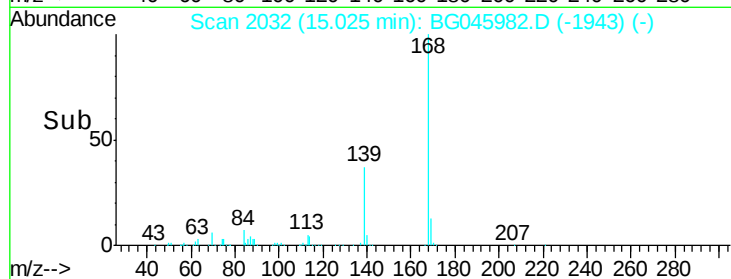
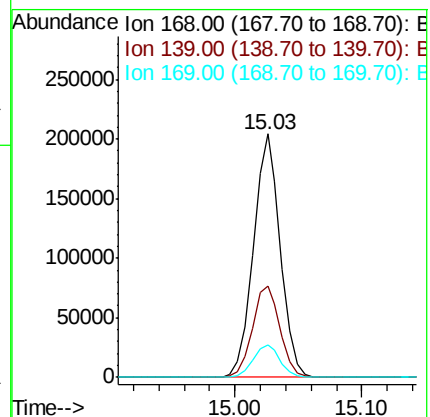
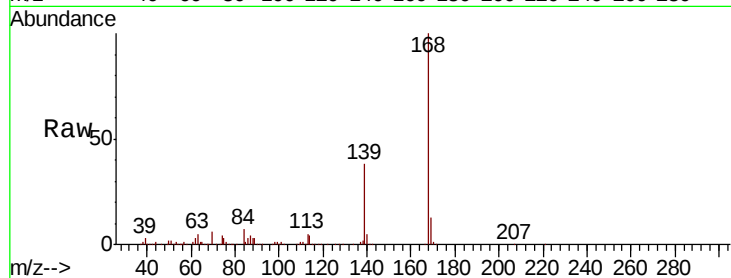
Tot Ion:168 Resp: 298130

Ion Ratio Lower Upper

168 100

139 37.7 32.2 48.2

169 13.3 11.8 17.8



#56

4-Nitrophenol

Concen: 9.132 ng

RT: 14.81 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

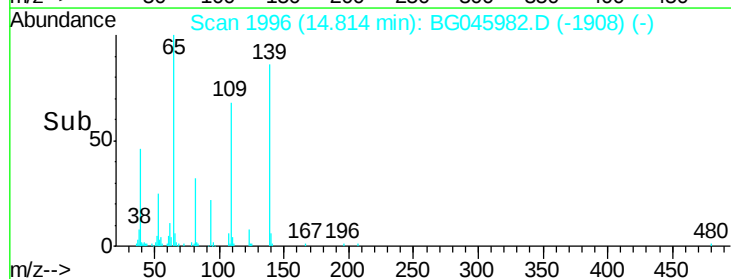
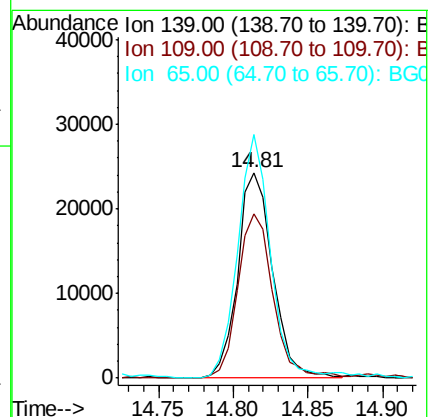
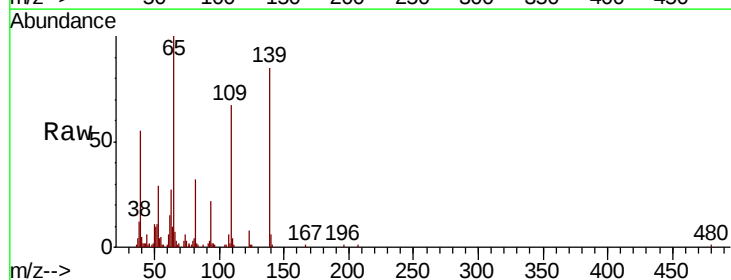
Tgt Ion:139 Resp: 39541

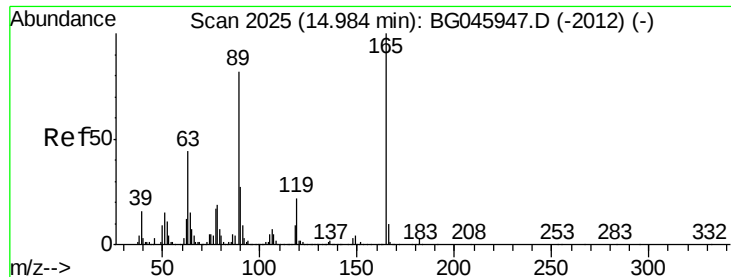
Ion Ratio Lower Upper

139 100

109 79.8 58.5 98.5

65 118.3 84.7 124.7

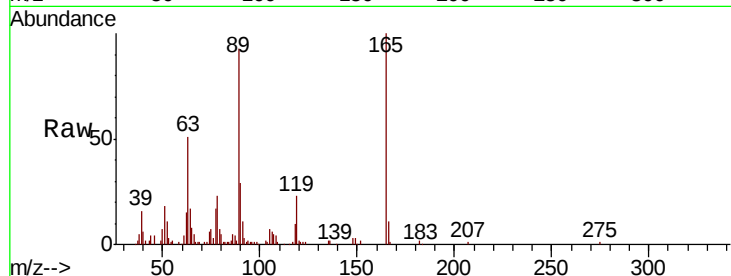




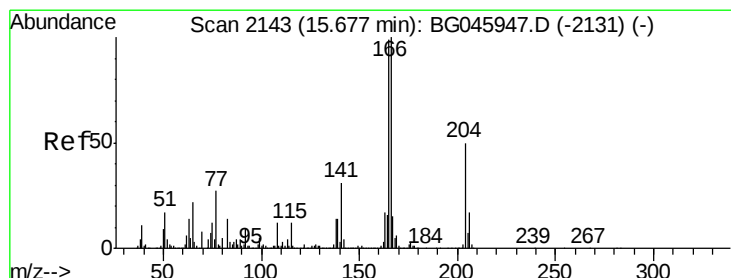
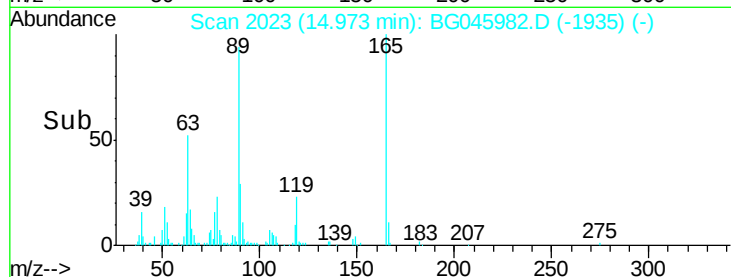
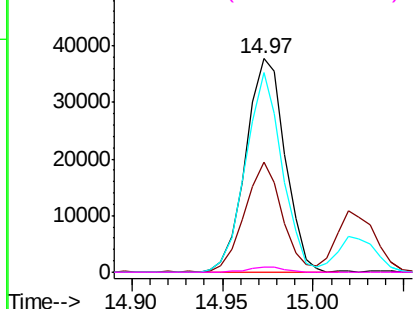
#57
 2,4-Dinitrotoluene
 Concen: 11.145 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

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

Tot Ion:165	Resp:	56793	
Ion Ratio	Lower	Upper	
165 100			
63 51.4	35.4	53.0	
89 93.4	65.4	98.2	
182 2.4	2.0	3.0	

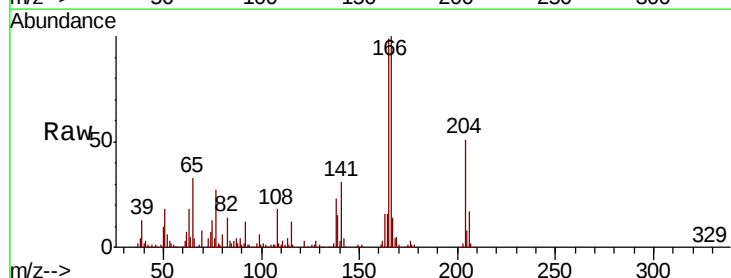


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

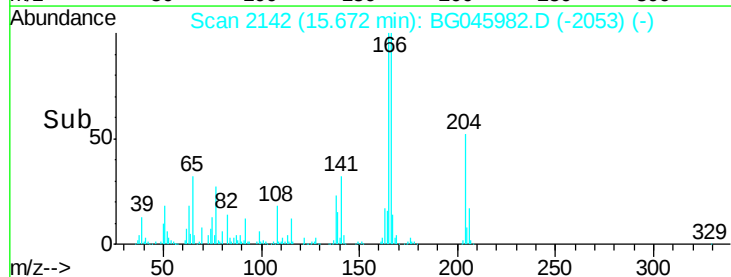
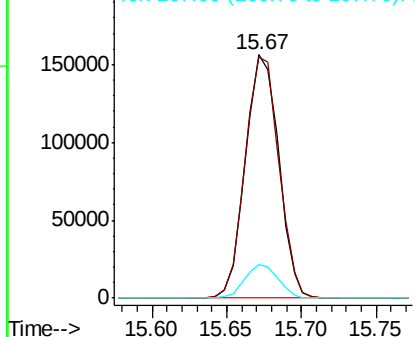


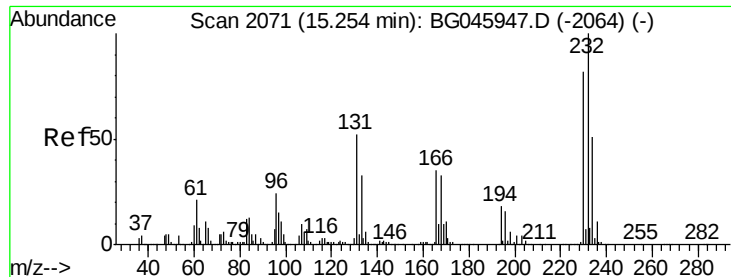
#58
 Fluorene
 Concen: 9.364 ng
 RT: 15.67 min Scan# 2142
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt	Ion:166	Resp:	240884
Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.9	118.3
167	14.0	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

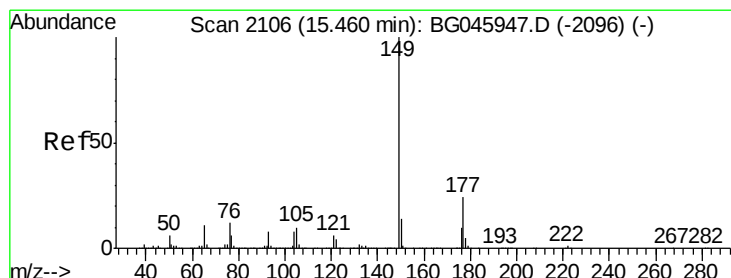
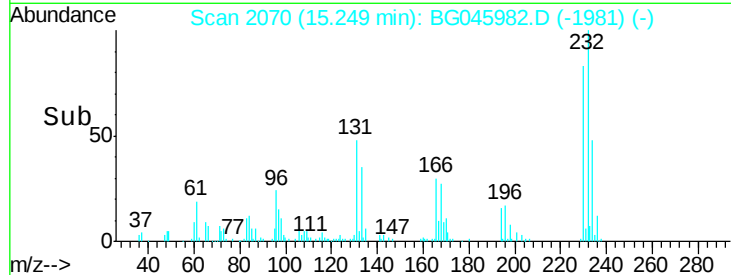
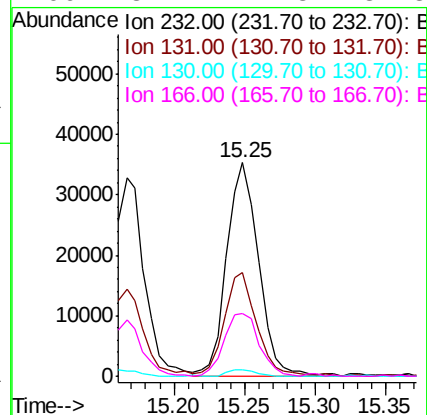
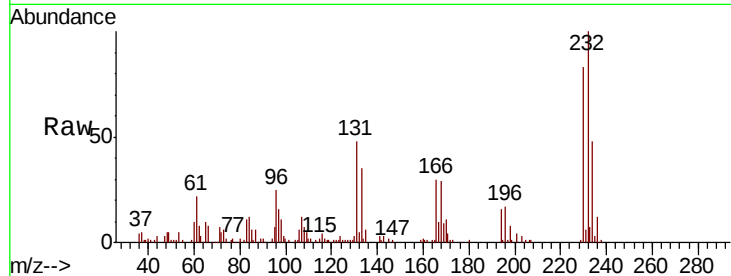




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 9.434 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

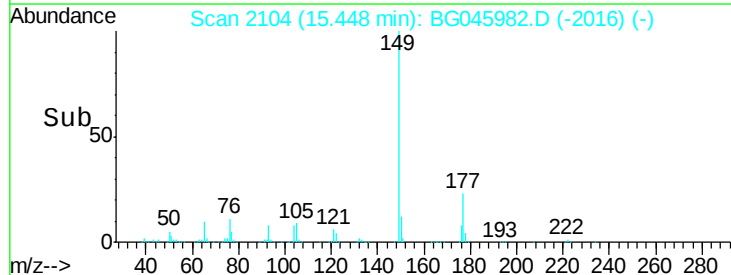
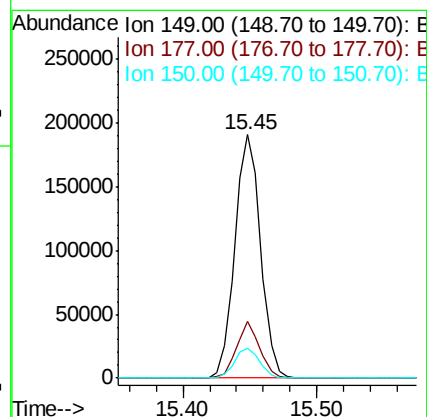
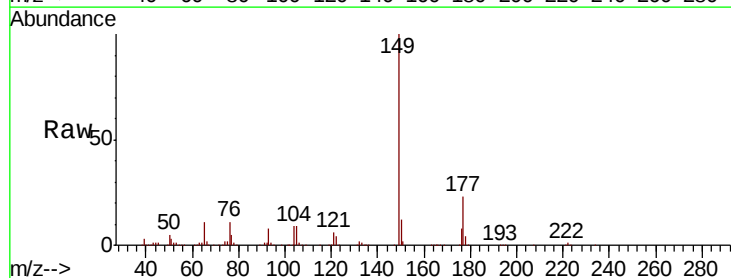
Instrument :
 BNA_G
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

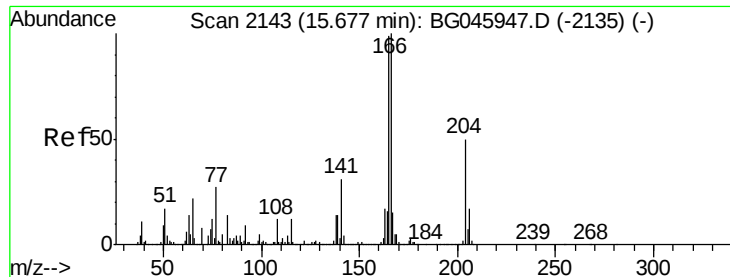
Tot Ion:	232	Resp:	55605
Ion	Ratio	Lower	Upper
232	100		
131	49.5	35.8	53.6
130	2.6	2.5	3.7
166	32.1	21.8	32.8



#60
 Diethylphthalate
 Concen: 9.181 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion:	149	Resp:	255888
Ion	Ratio	Lower	Upper
149	100		
177	23.1	19.0	28.4
150	12.3	11.0	16.4

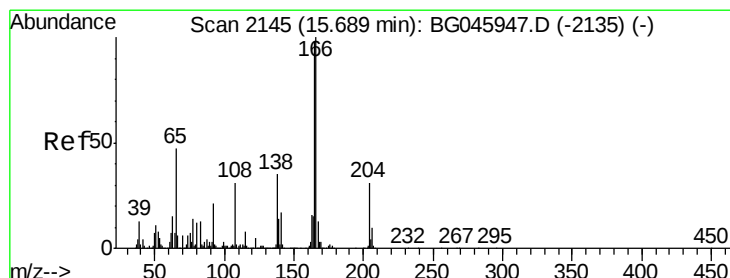
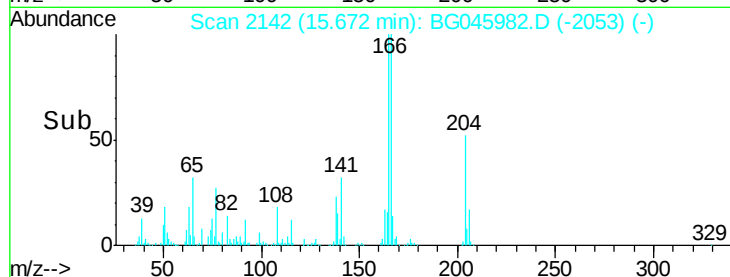
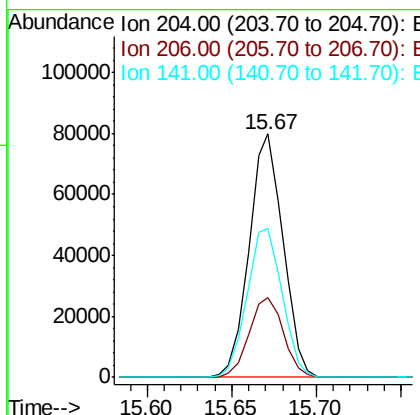
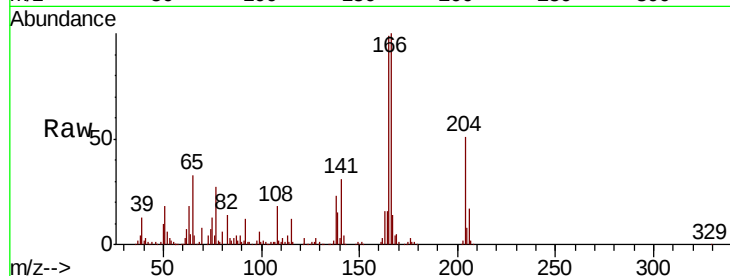




#61
4-Chlorophenyl-phenylether
Concen: 8.687 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

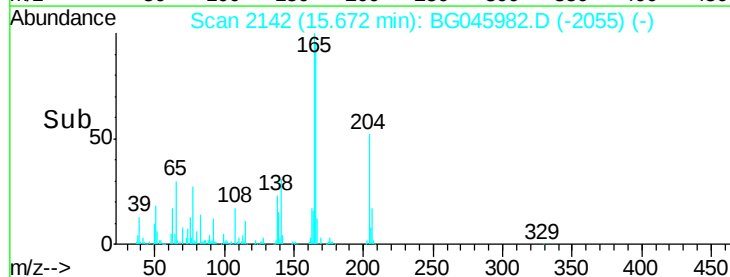
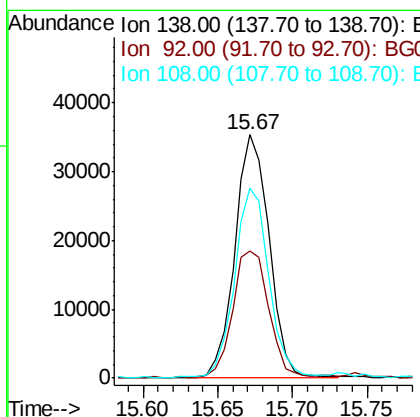
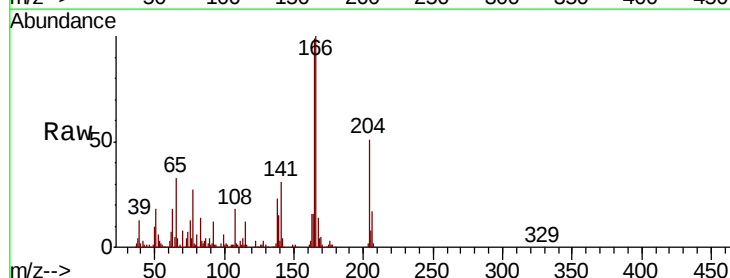
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

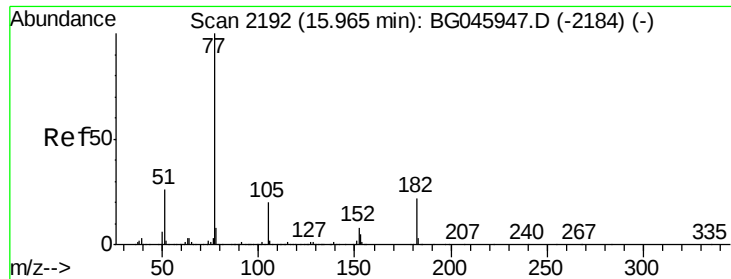
Tot Ion:204 Resp: 111170
Ion Ratio Lower Upper
204 100
206 32.7 27.1 40.7
141 61.4 49.8 74.8



#62
4-Nitroaniline
Concen: 10.279 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:138 Resp: 56462
Ion Ratio Lower Upper
138 100
92 52.1 40.3 80.3
108 78.2 68.0 108.0

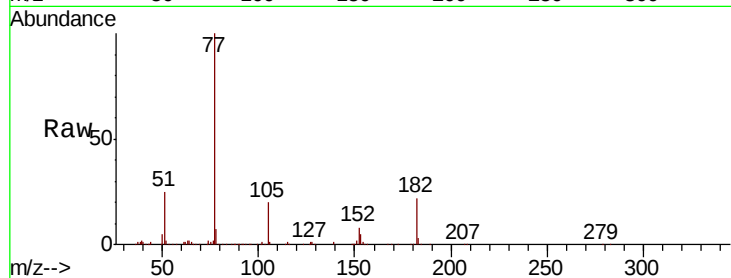




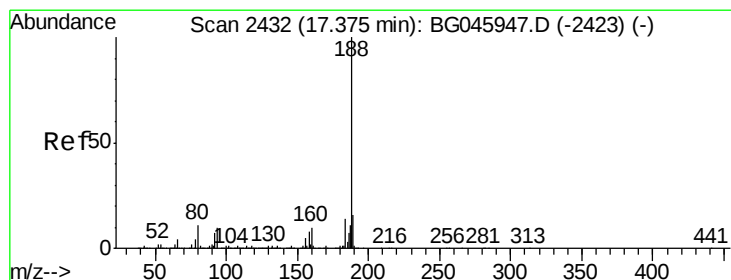
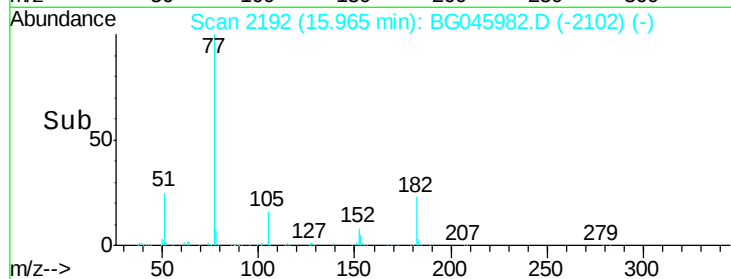
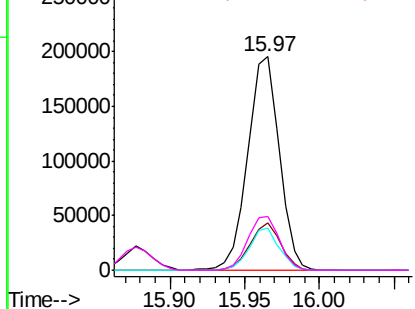
#63
Azobenzene
Concen: 9.560 ng
RT: 15.97 min Scan# 2192
Delta R.T. 0.00 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

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

Tot Ion:	77	Resp:	286008
Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.4	42.4
105	19.6	0.3	40.3
51	25.3	6.3	46.3

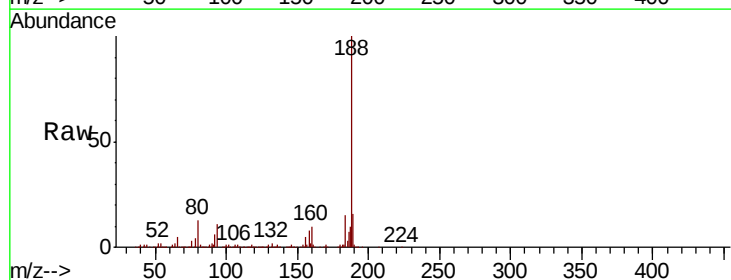


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

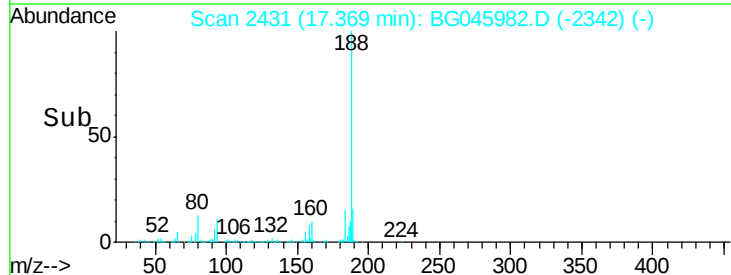
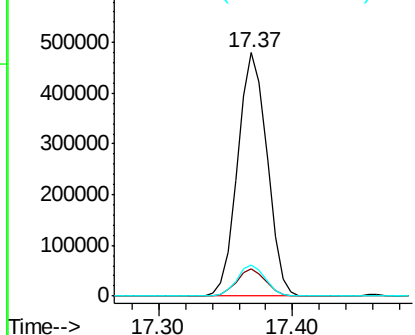


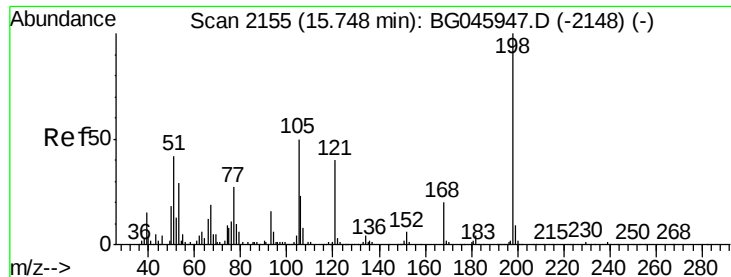
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.37 min Scan# 2431
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:	188	Resp:	730172
Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.2	12.4
80	12.9	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

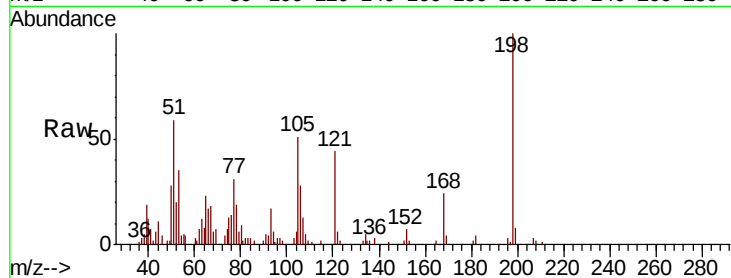




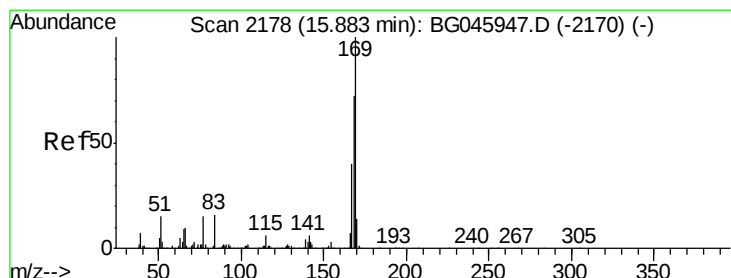
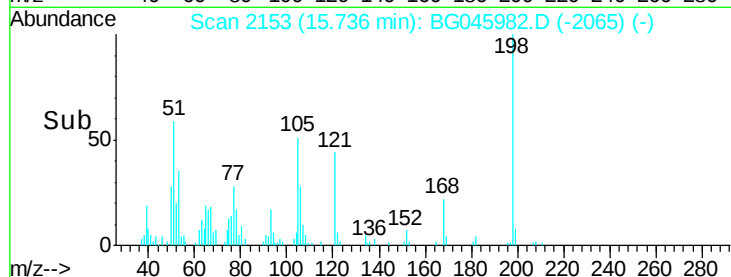
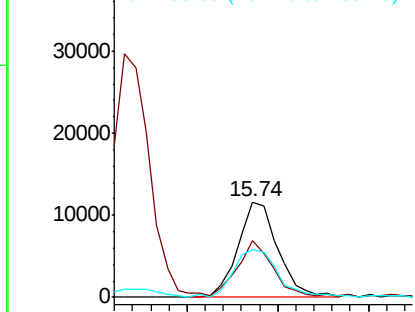
#65
 4,6-Dinitro-2-methylphenol
 Concen: 8.253 ng
 RT: 15.74 min Scan# 2153
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

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

Tot Ion	198	Resp	17649
Ion Ratio	Lower	Upper	
198	100		
51	59.0	24.5	64.5
105	50.6	30.9	70.9

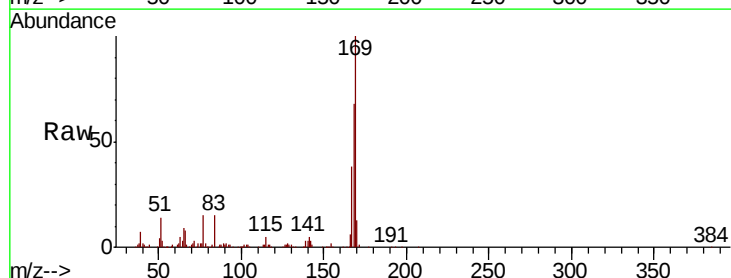


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

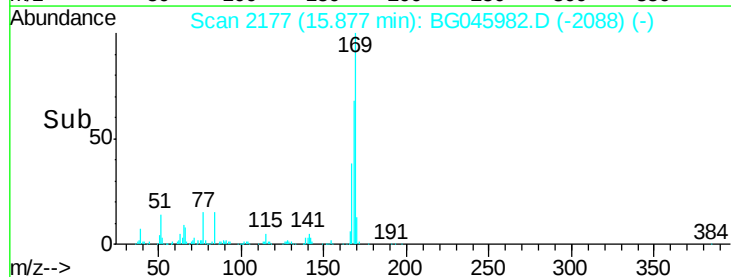
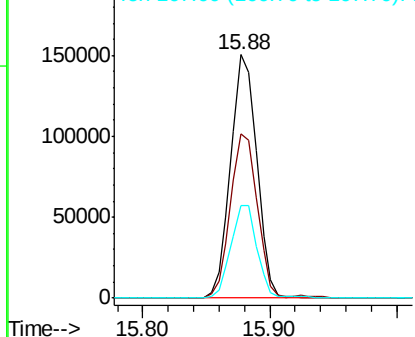


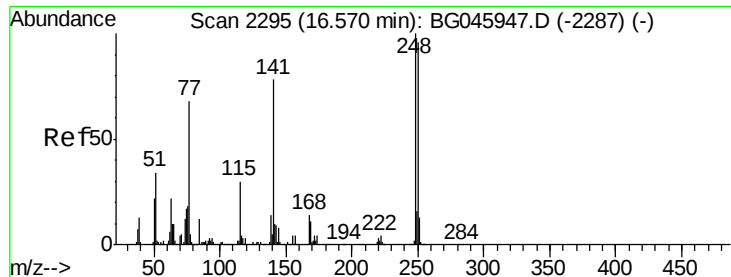
#66
 n-Nitrosodiphenylamine
 Concen: 9.507 ng
 RT: 15.88 min Scan# 2177
 Delta R.T. -0.01 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion	169	Resp	215112
Ion Ratio	Lower	Upper	
169	100		
168	67.6	57.3	85.9
167	37.8	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

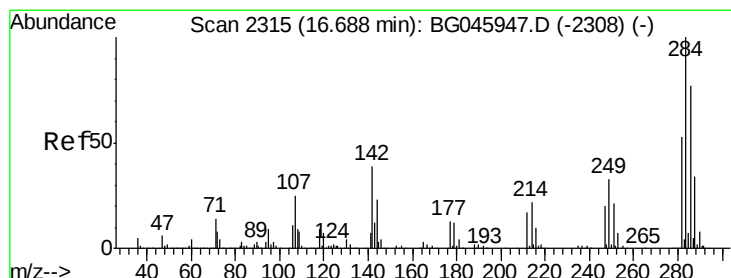
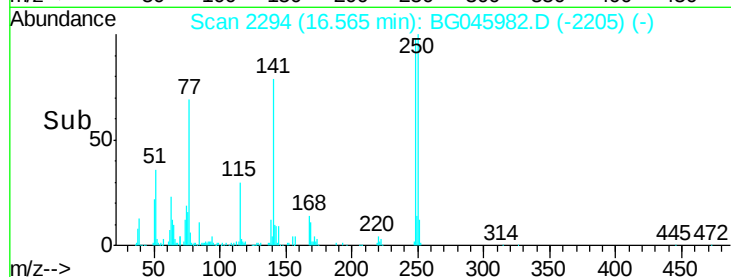
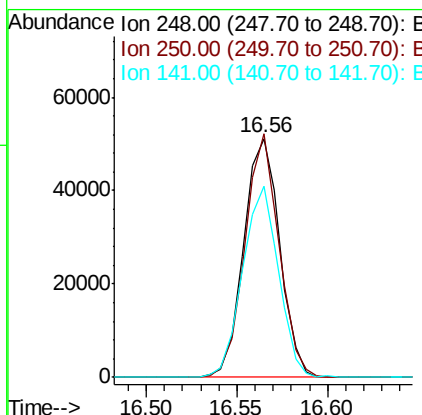
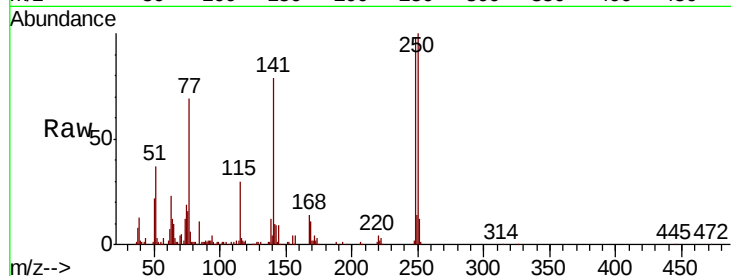




#67
4-Bromophenyl-phenylether
Concen: 8.659 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

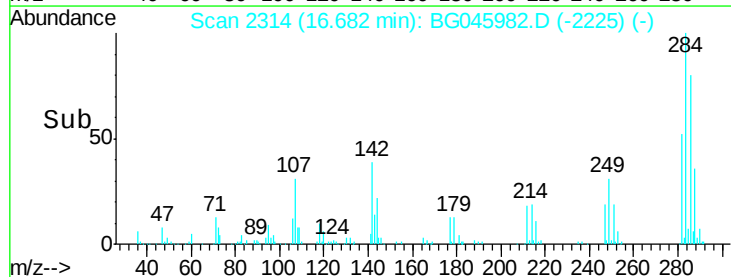
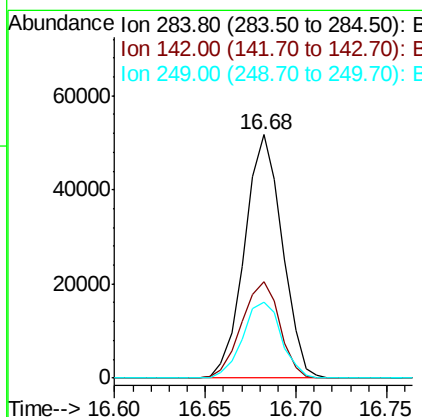
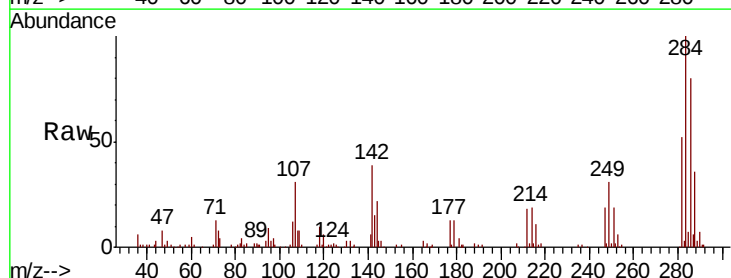
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:248 Resp: 70612
Ion Ratio Lower Upper
248 100
250 101.9 76.6 114.8
141 80.1 62.7 94.1



#68
Hexachlorobenzene
Concen: 9.116 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:284 Resp: 74597
Ion Ratio Lower Upper
284 100
142 39.4 31.3 46.9
249 31.0 26.8 40.2





#69

Atrazine

Concen: 11.017 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

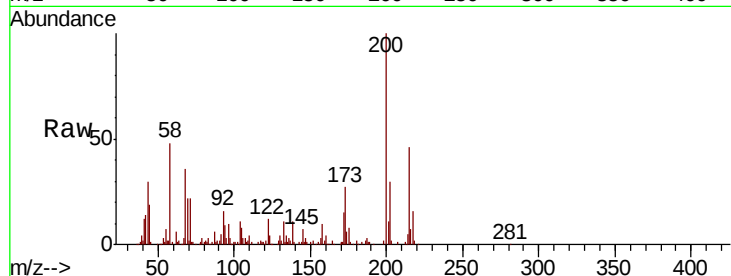
Tot Ion:200 Resp: 73699

Ion Ratio Lower Upper

200 100

173 27.3 9.1 49.1

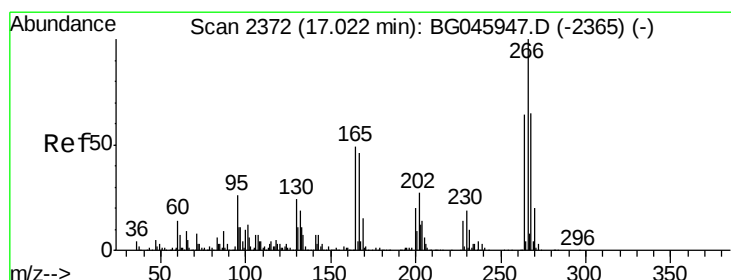
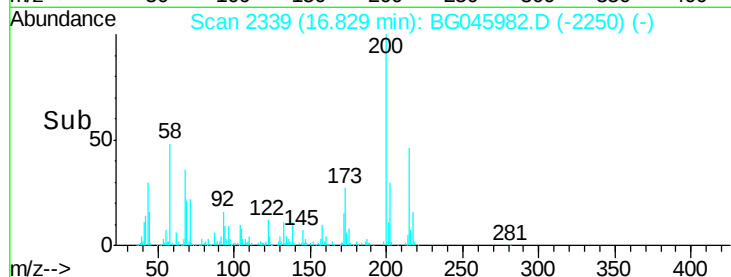
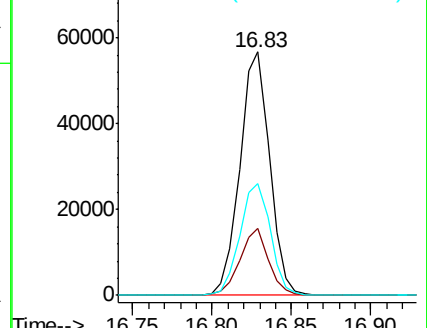
215 46.1 28.8 68.8



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: 8.015 ng

RT: 17.02 min Scan# 2371

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

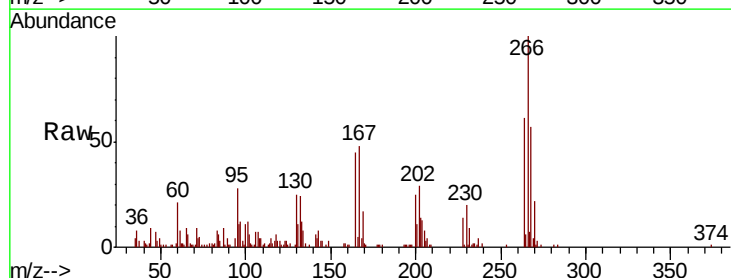
Tgt Ion:266 Resp: 36468

Ion Ratio Lower Upper

266 100

268 56.6 51.8 77.8

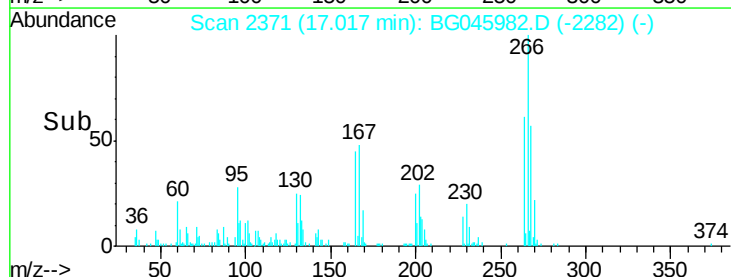
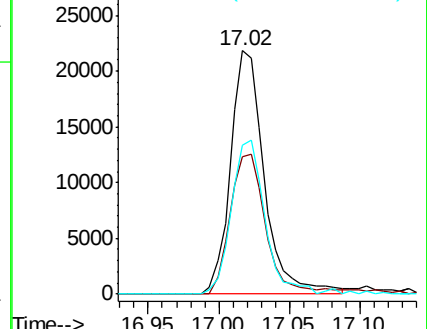
264 61.2 51.4 77.0

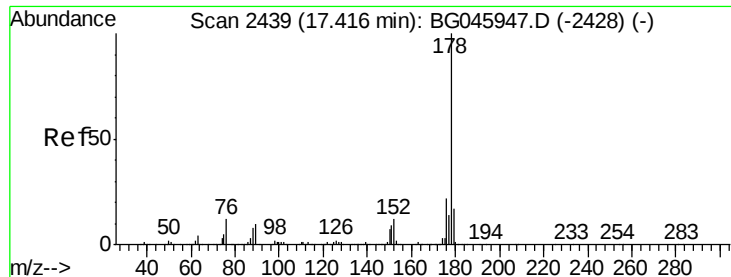


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 9.736 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

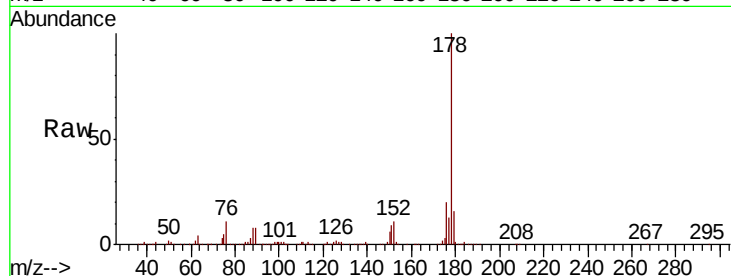
Tot Ion:178 Resp: 375838

Ion Ratio Lower Upper

178 100

176 19.7 17.4 26.2

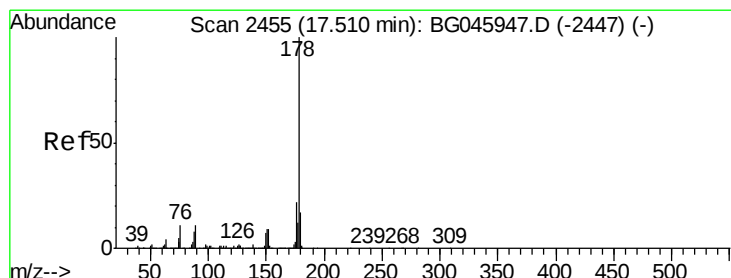
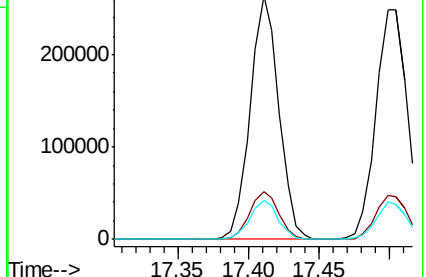
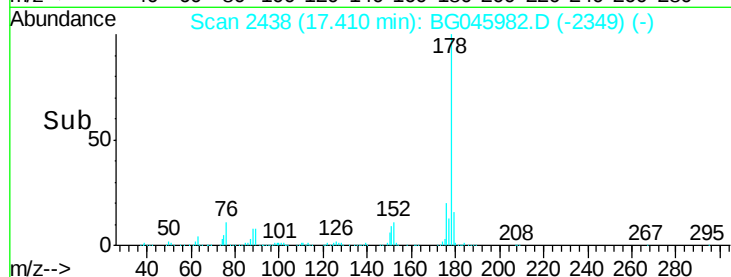
179 16.0 13.4 20.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 9.811 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

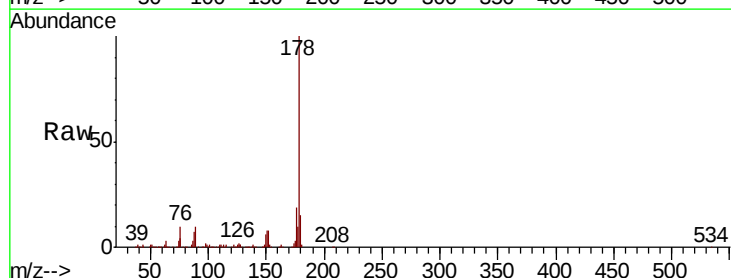
Tgt Ion:178 Resp: 384343

Ion Ratio Lower Upper

178 100

176 18.6 17.2 25.8

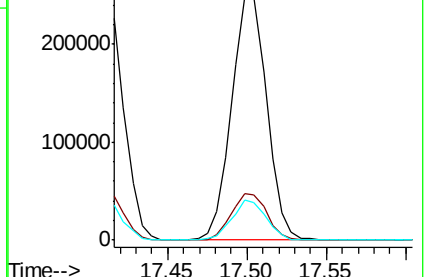
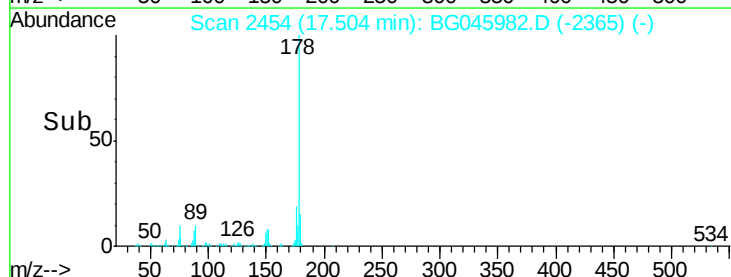
179 15.2 14.0 21.0

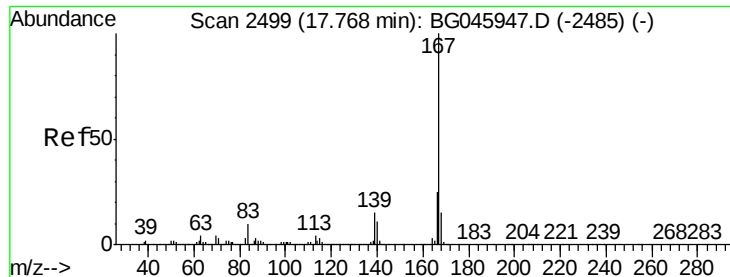


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 9.337 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

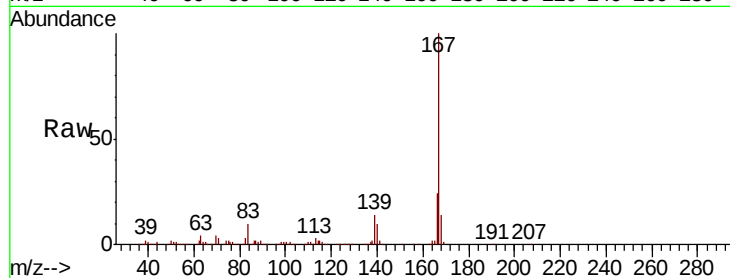
Tot Ion:167 Resp: 366646

Ion Ratio Lower Upper

167 100

166 23.7 20.4 30.6

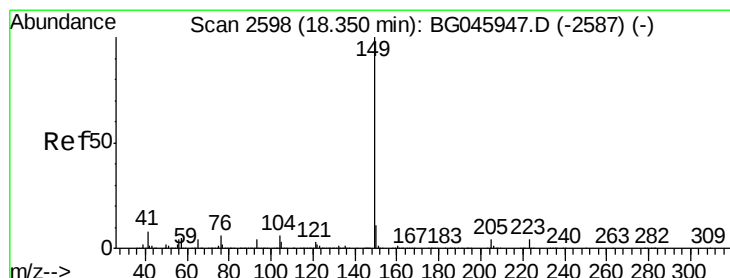
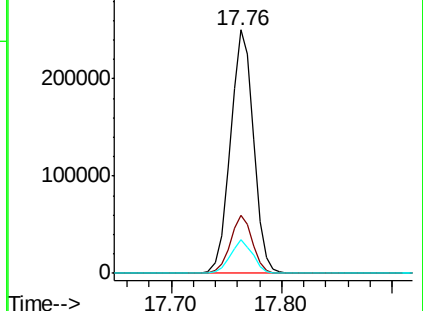
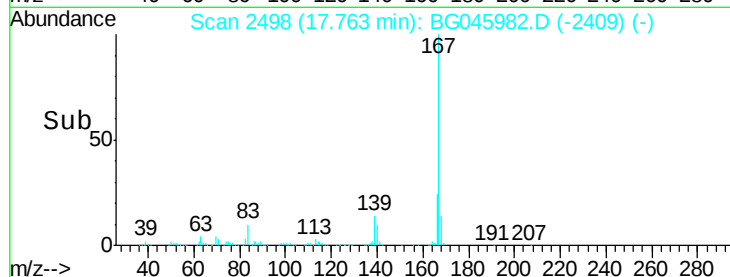
139 13.6 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 9.530 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

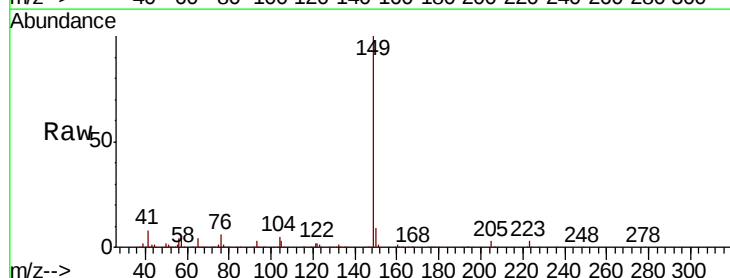
Tgt Ion:149 Resp: 452191

Ion Ratio Lower Upper

149 100

150 9.0 9.0 13.4

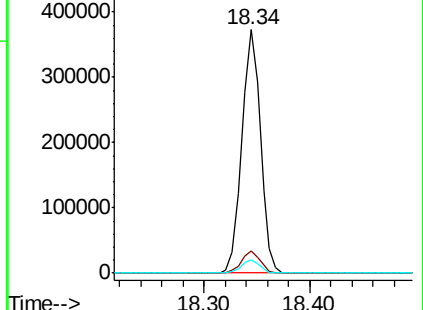
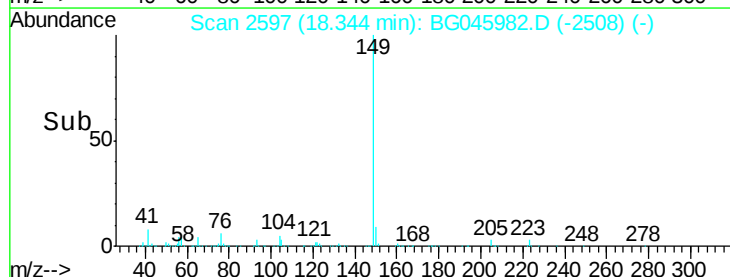
104 5.3 5.2 7.8

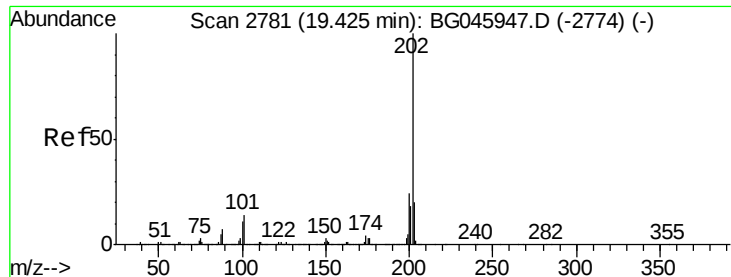


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 9.756 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

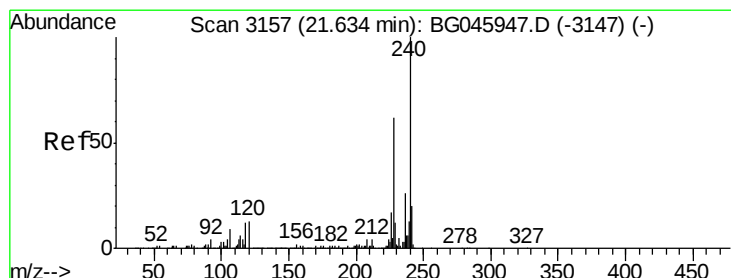
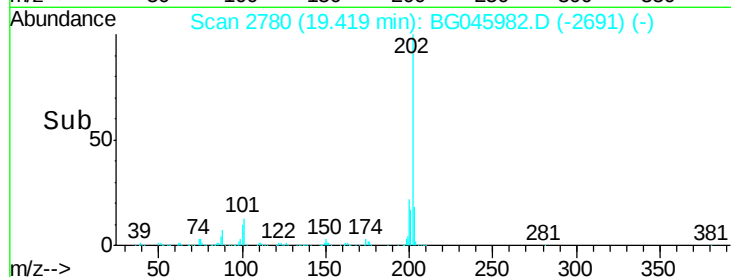
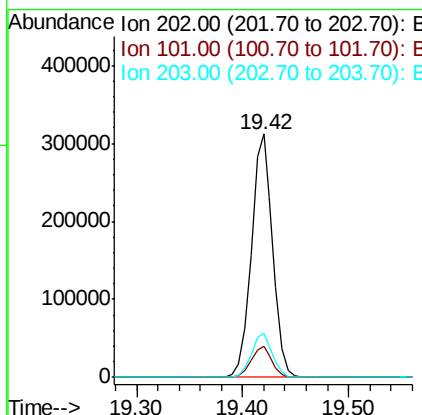
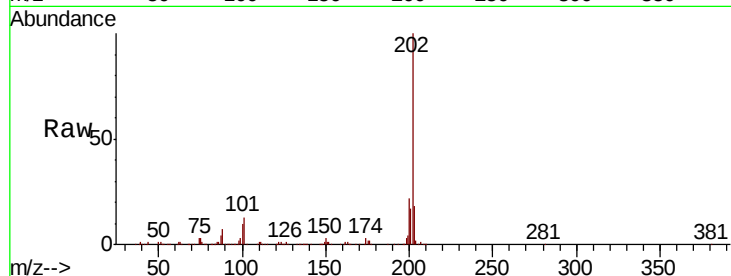
Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:	202	Resp:	435361
Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	33.8
203	18.2	0.4	40.4



#76

Chrysene-d12

Concen: 20.000 ng

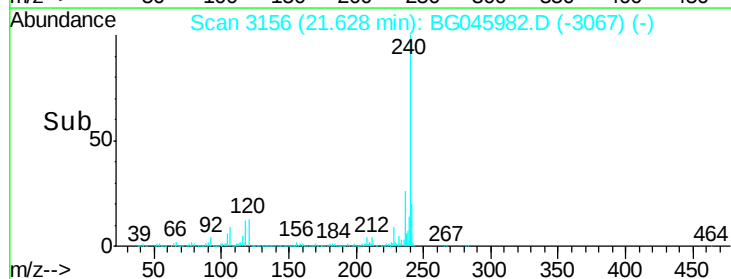
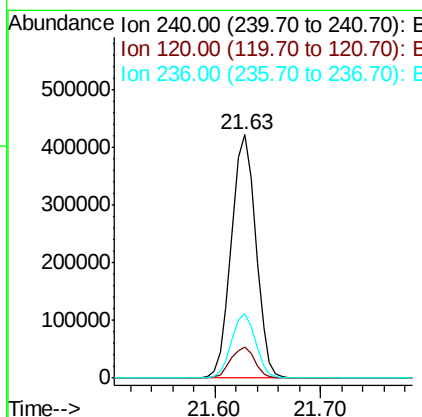
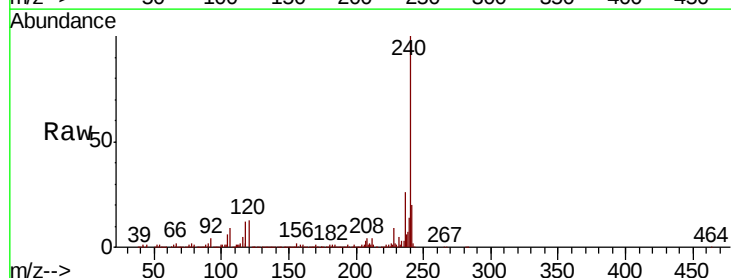
RT: 21.63 min Scan# 3156

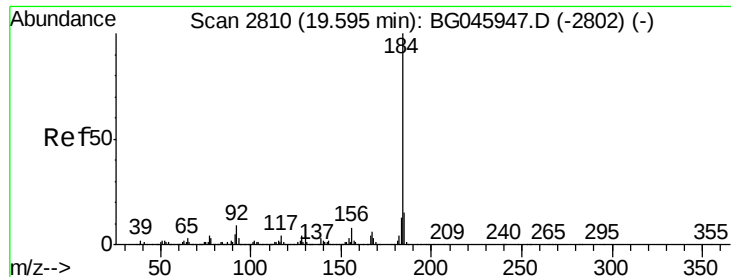
Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion:	240	Resp:	673365
Ion	Ratio	Lower	Upper
240	100		
120	12.5	10.6	16.0
236	26.4	20.4	30.6





#77

Benzidine

Concen: 11.724 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

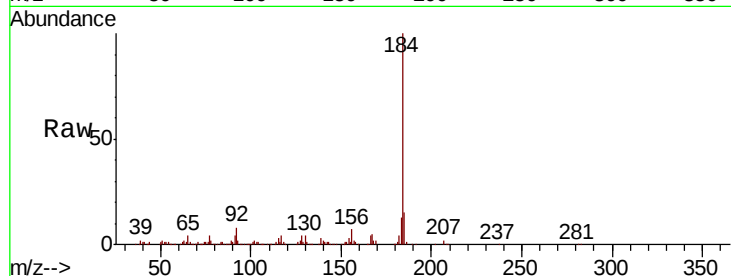
Tot Ion:184 Resp: 225724

Ion Ratio Lower Upper

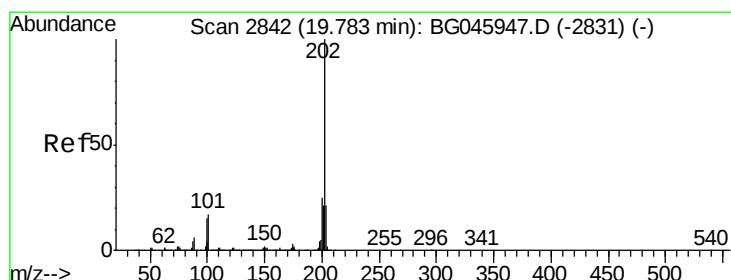
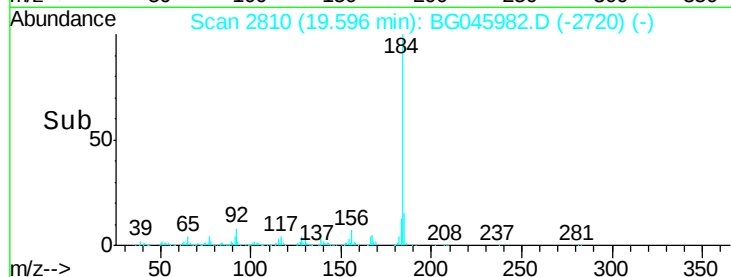
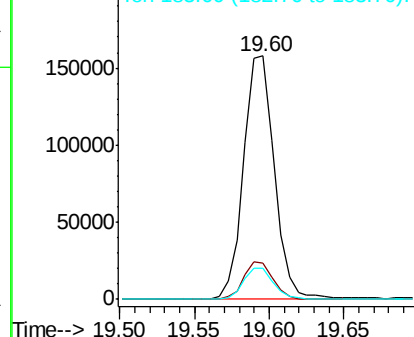
184 100

185 14.7 11.6 17.4

183 12.9 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: 9.711 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

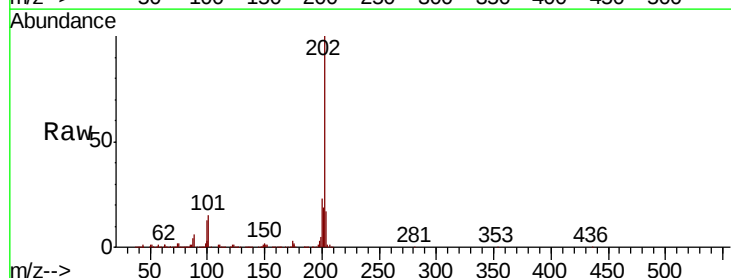
Tgt Ion:202 Resp: 446341

Ion Ratio Lower Upper

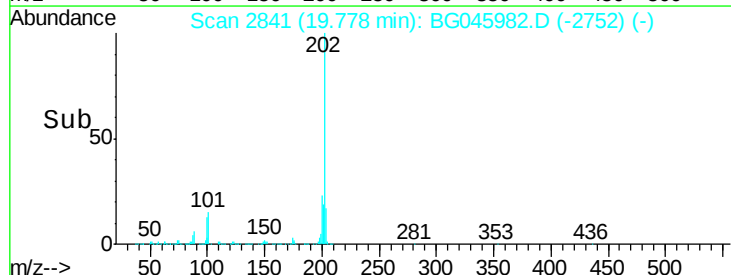
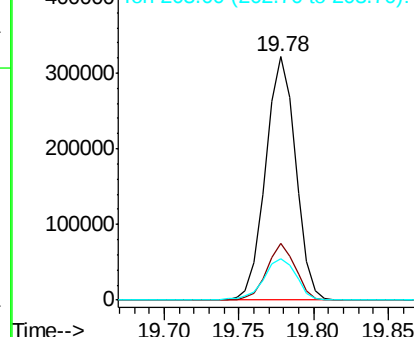
202 100

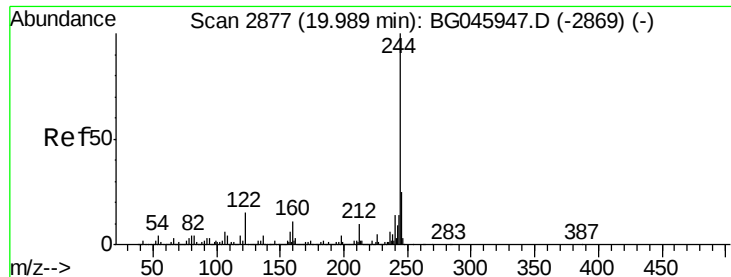
200 23.2 20.1 30.1

203 17.1 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: 59.230 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

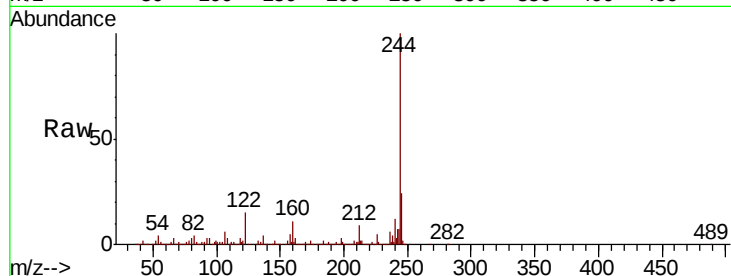
Tot Ion:244 Resp: 1792112

Ion Ratio Lower Upper

244 100

212 8.8 8.3 12.5

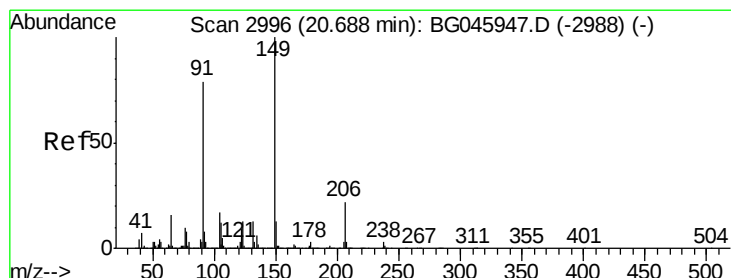
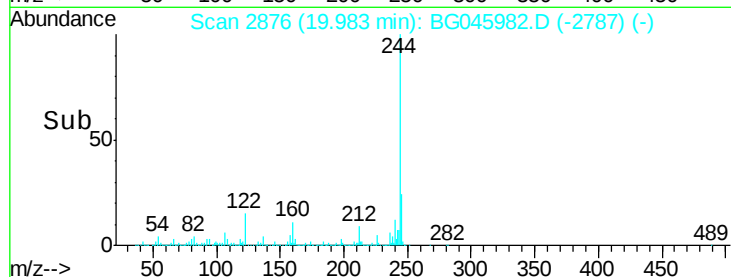
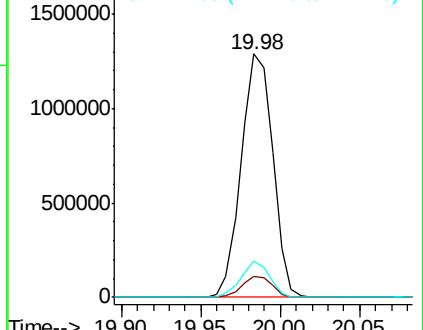
122 14.7 12.1 18.1



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: 8.590 ng

RT: 20.68 min Scan# 2994

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

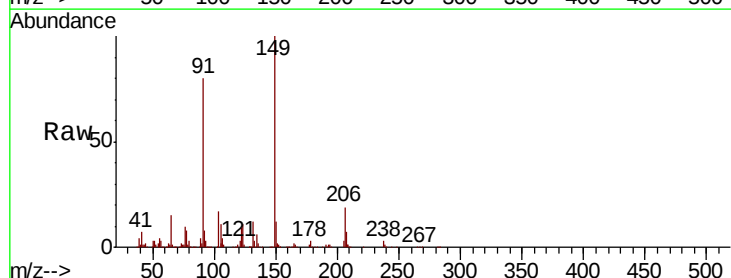
Tgt Ion:149 Resp: 186582

Ion Ratio Lower Upper

149 100

91 80.1 63.1 94.7

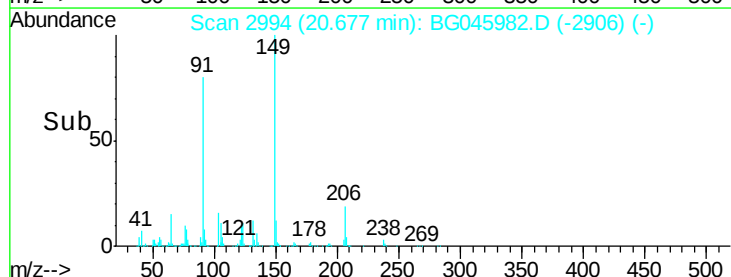
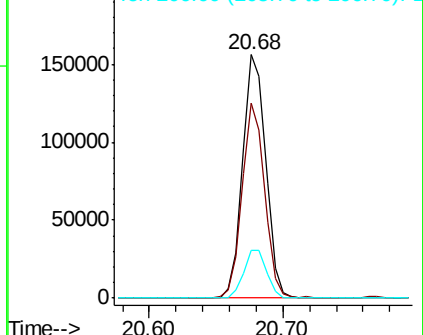
206 19.5 17.4 26.0

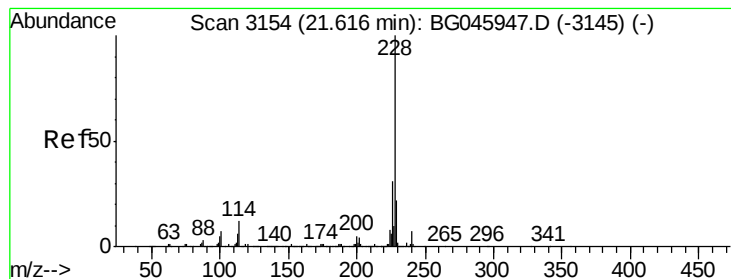


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.319 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

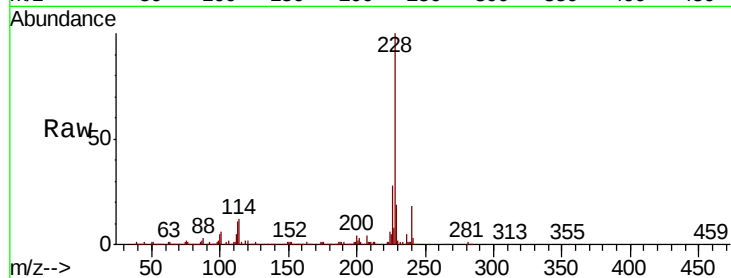
Tot Ion:228 Resp: 412626

Ion Ratio Lower Upper

228 100

226 27.7 24.8 37.2

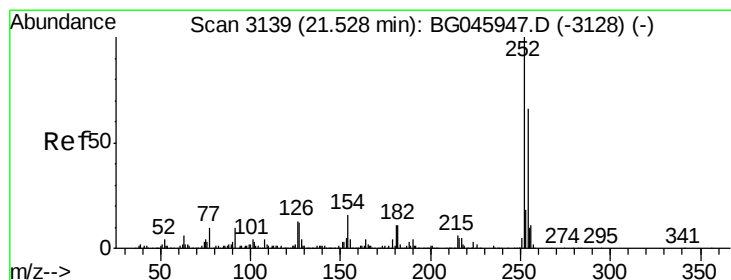
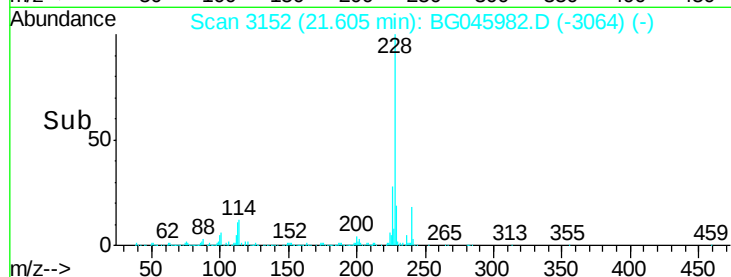
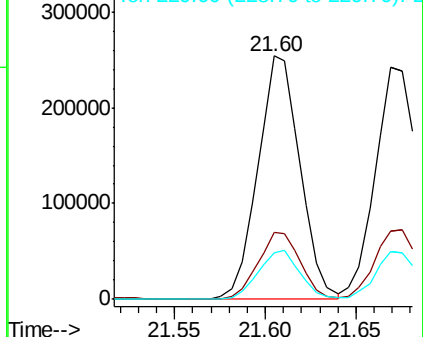
229 18.9 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.514 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

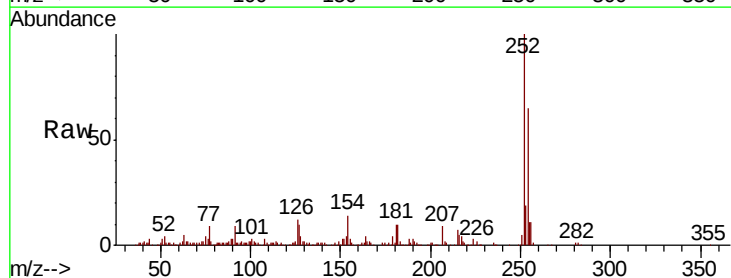
Tgt Ion:252 Resp: 155653

Ion Ratio Lower Upper

252 100

254 64.5 52.9 79.3

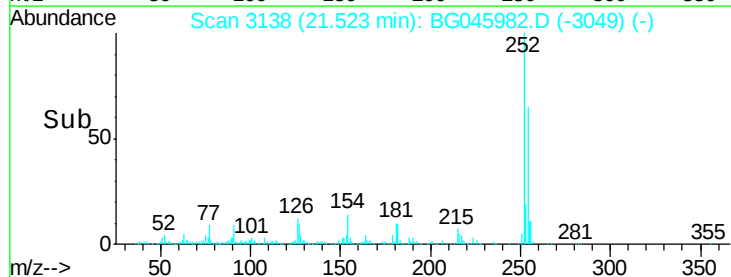
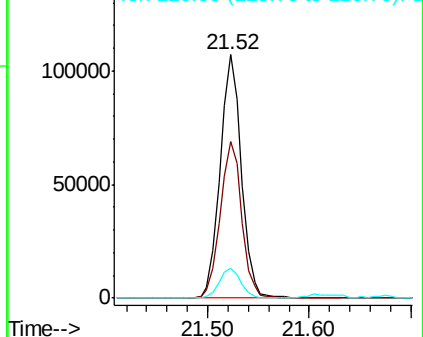
126 12.3 10.4 15.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 9.230 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

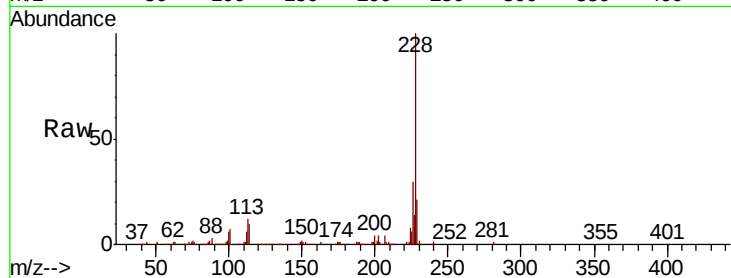
Tot Ion:228 Resp: 389341

Ion Ratio Lower Upper

228 100

226 29.6 26.7 40.1

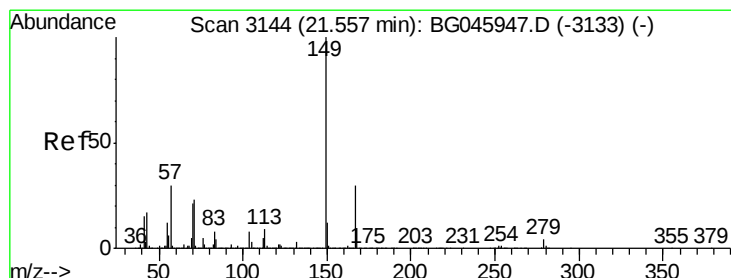
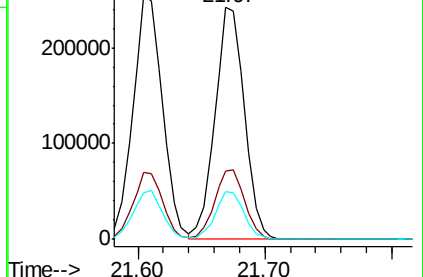
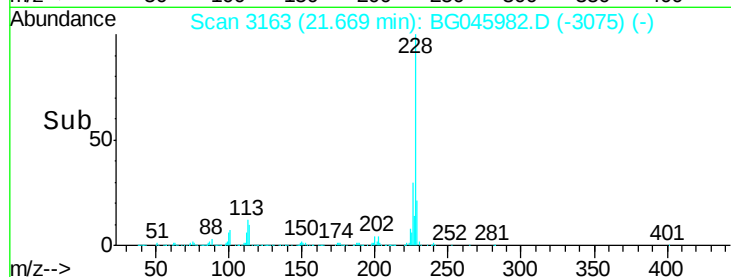
229 20.8 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.933 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.01 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

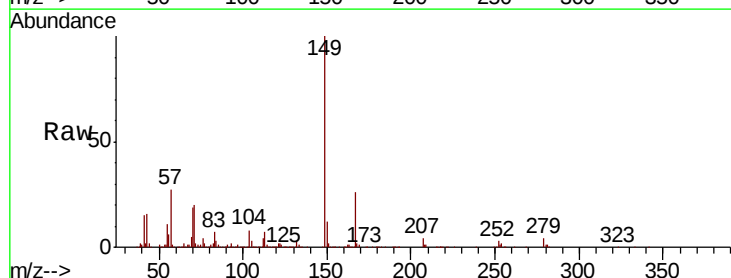
Tgt Ion:149 Resp: 281665

Ion Ratio Lower Upper

149 100

167 25.6 23.8 35.8

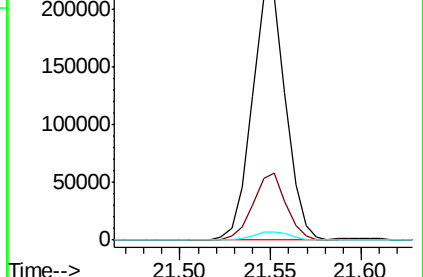
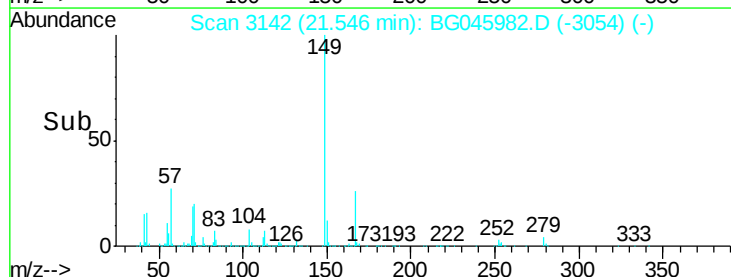
279 3.5 3.5 5.3

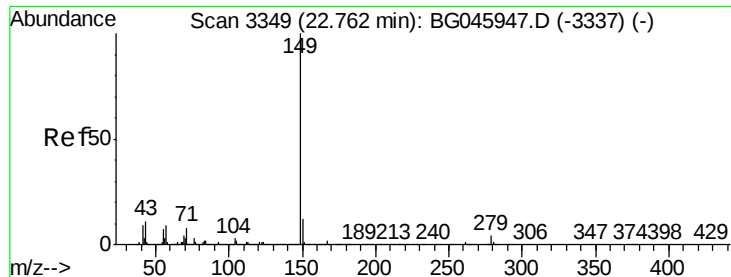


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

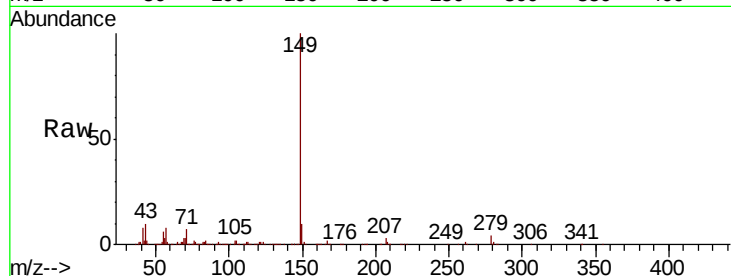




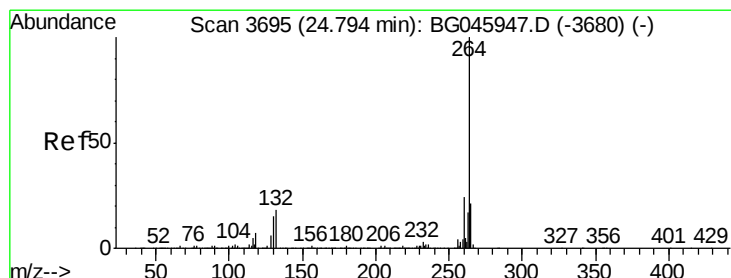
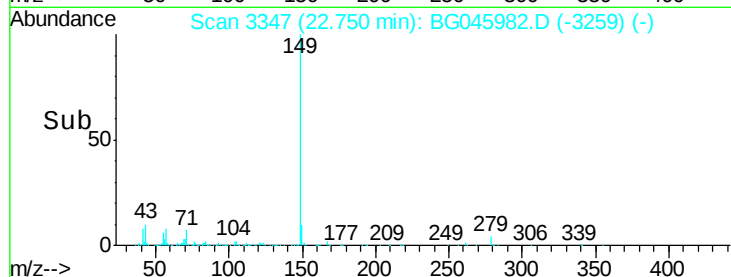
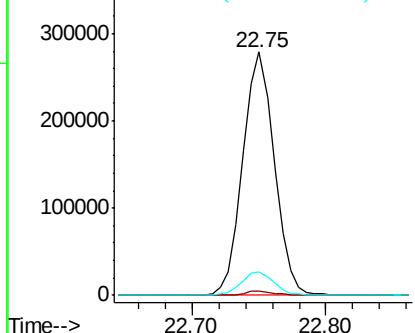
#85
Di-n-octyl phthalate
Concen: 8.316 ng
RT: 22.75 min Scan# 3347
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

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

Tot Ion:149 Resp: 455028
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 9.9 8.6 12.8

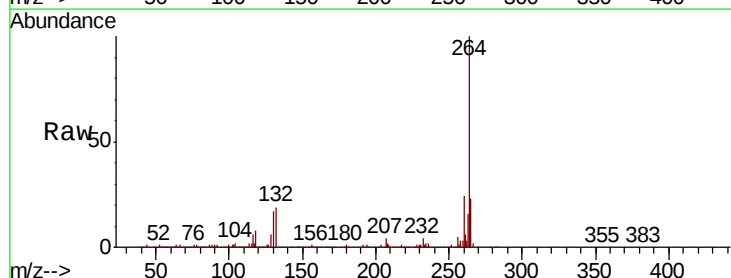


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

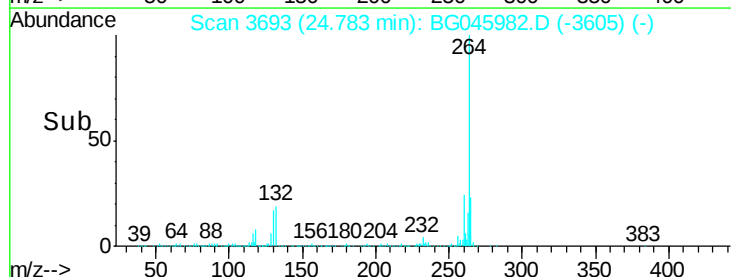
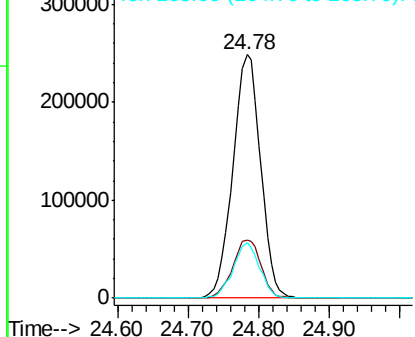


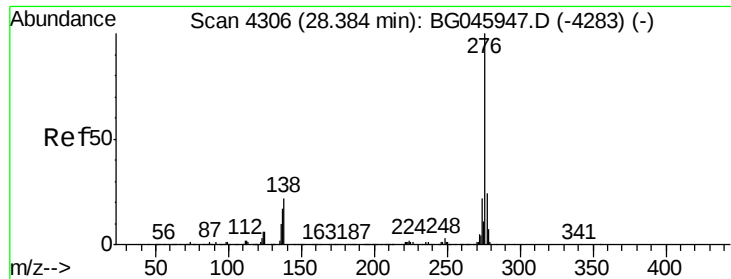
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion:264 Resp: 677406
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 22.7 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

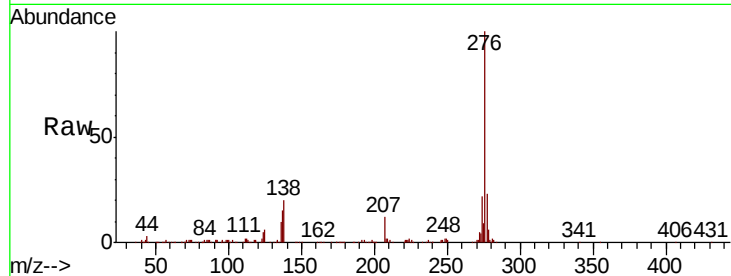




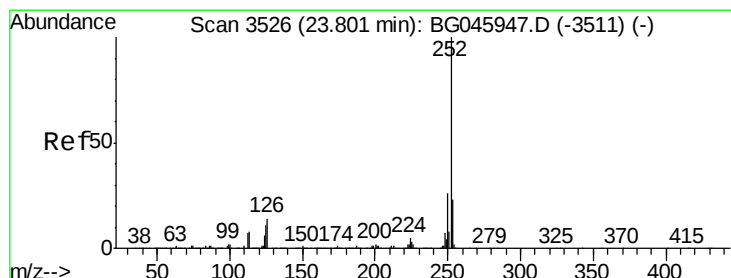
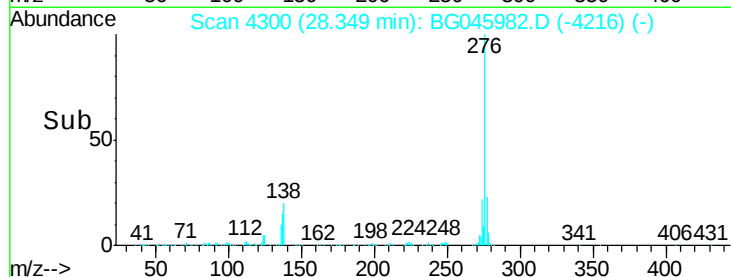
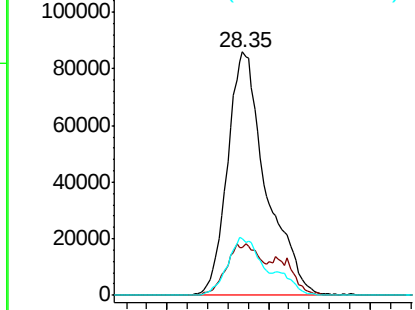
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 9.150 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.03 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

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

Tot Ion:276 Resp: 453462
 Ion Ratio Lower Upper
 276 100
 138 18.5 16.4 24.6
 277 20.3 20.6 31.0#

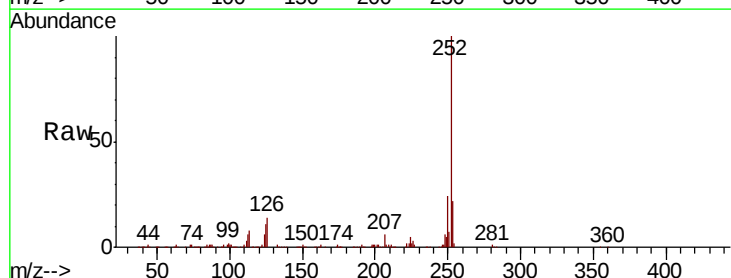


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

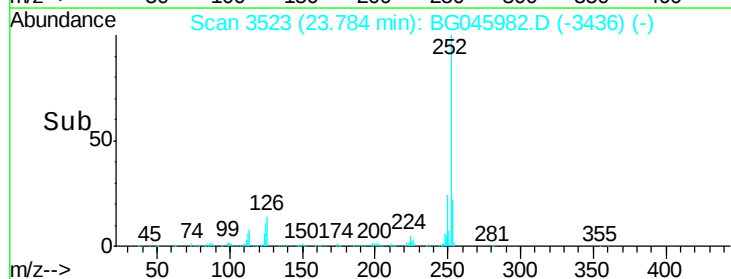
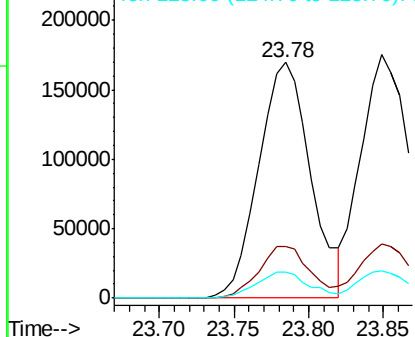


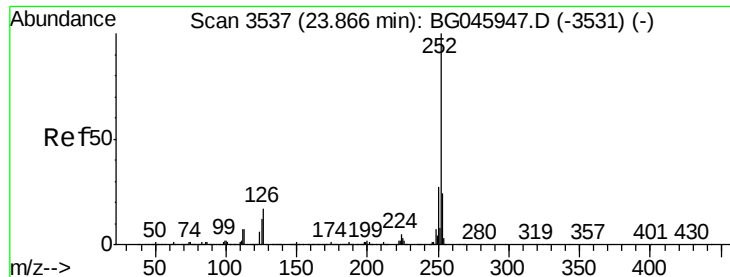
#88
 Benzo(b)fluoranthene
 Concen: 9.549 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045982.D
 Acq: 8 Jul 2020 15:56

Tgt Ion:252 Resp: 410625
 Ion Ratio Lower Upper
 252 100
 253 22.0 18.5 27.7
 125 11.2 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

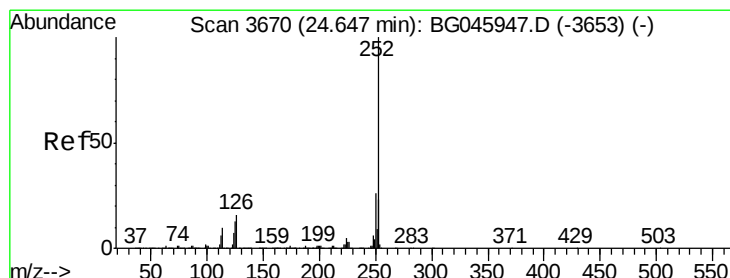
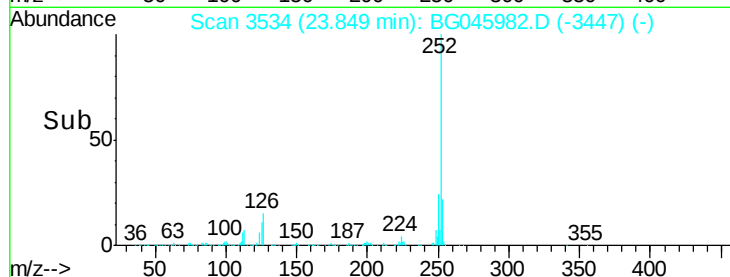
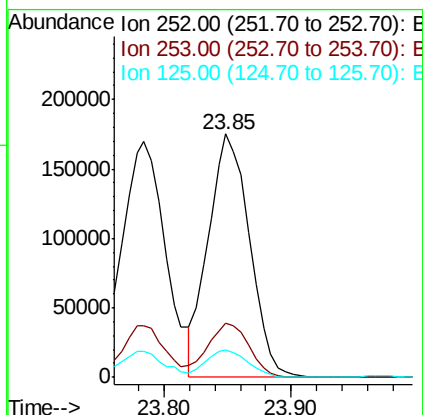
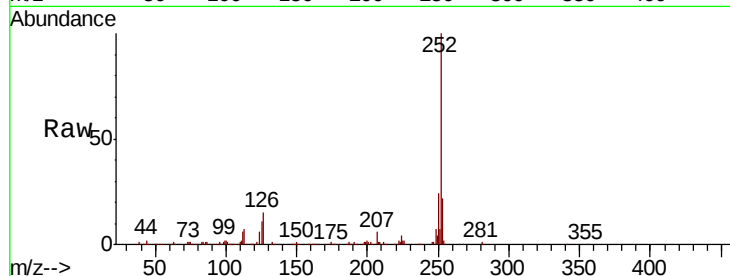




#89
Benzo(k)fluoranthene
Concen: 9.692 ng
RT: 23.85 min Scan# 3534
Delta R.T. -0.02 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

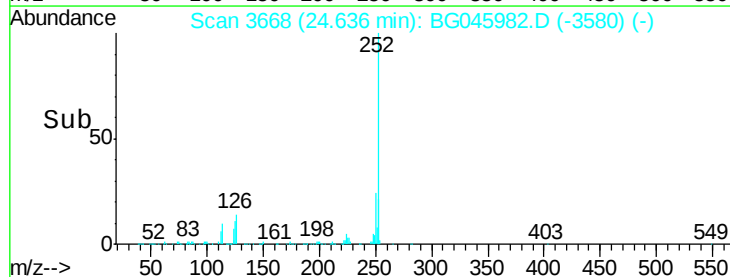
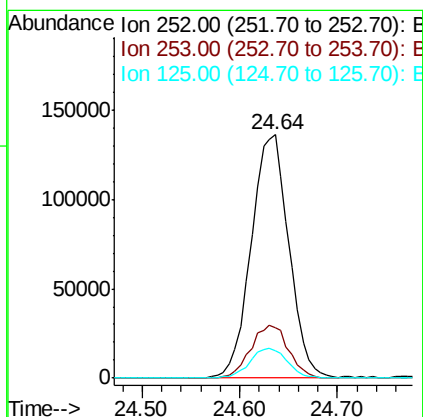
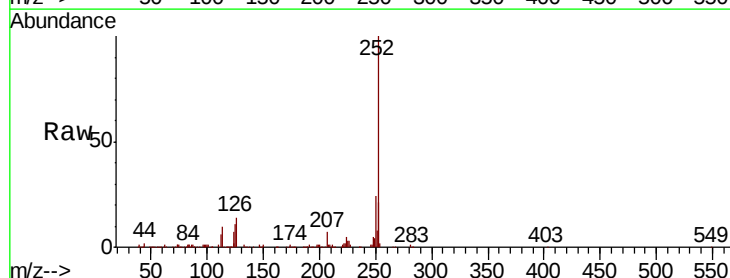
Instrument :
BNA_G
ClientSampleId :
LOQ-WATER-02-QT3-2020

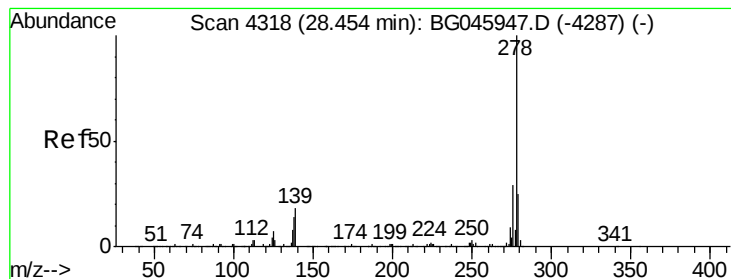
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.9	28.3
125	11.0	9.6	14.4



#90
Benzo(a)pyrene
Concen: 9.086 ng
RT: 24.64 min Scan# 3668
Delta R.T. -0.01 min
Lab File: BG045982.D
Acq: 8 Jul 2020 15:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.6	28.0
125	11.2	10.5	15.7





#91

Dibenzo(a,h)anthracene

Concen: 9.398 ng

RT: 28.42 min Scan# 4312

Delta R.T. -0.03 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Instrument :

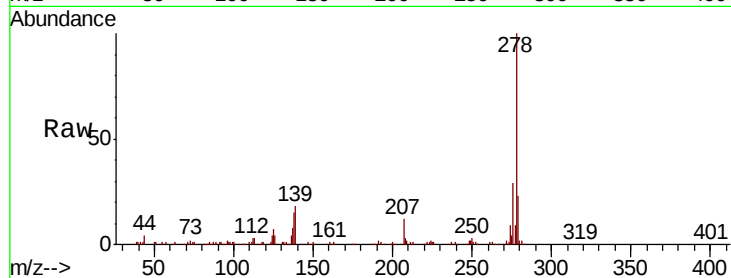
BNA_G

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:278 Resp: 375631

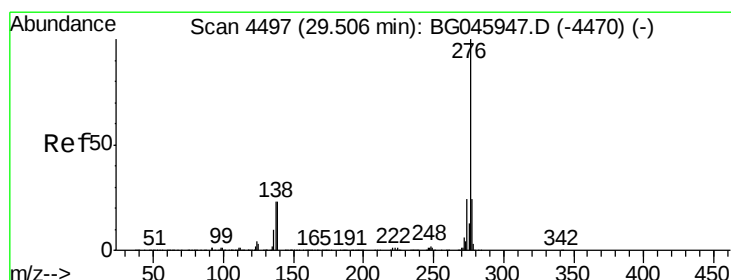
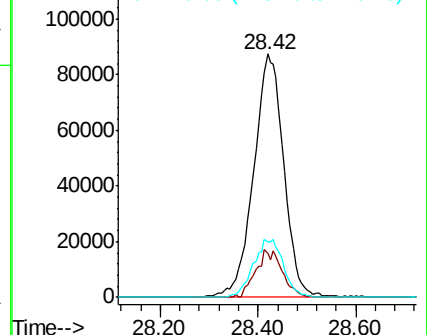
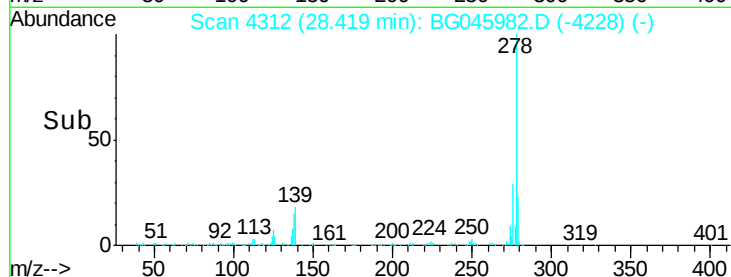
Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	22.9	19.8	29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 9.407 ng

RT: 29.46 min Scan# 4489

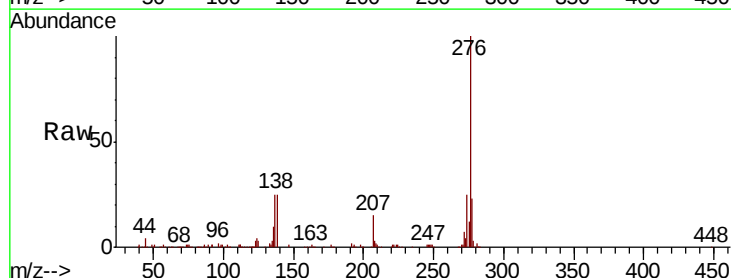
Delta R.T. -0.05 min

Lab File: BG045982.D

Acq: 8 Jul 2020 15:56

Tgt Ion:276 Resp: 378407

Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.4	29.0
138	24.8	18.6	28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

