

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045969.D
 Acq On : 7 Jul 2020 21:22
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-5PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 08 04:15:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 08 04:08:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	127759	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	507615	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	291630	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	599644	20.00	ng	0.00
76) Chrysene-d12	21.63	240	560190	20.00	ng	0.00
86) Perylene-d12	24.78	264	559663	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1269637	161.16	ng	0.00
7) Phenol-d6	7.17	99	1750615	154.34	ng	0.00
23) Nitrobenzene-d5	9.16	82	1411852	160.09	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	474072	175.15	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2546307	136.19	ng	0.00
79) Terphenyl-d14	19.99	244	2980305	118.40	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	22175	6.101	ng	99
3) Pyridine	3.91	79	44960	4.091	ng	98
4) n-Nitrosodimethylamine	3.82	42	20056	5.397	ng	# 88
6) Aniline	7.33	93	71951	4.959	ng	99
8) 2-Chlorophenol	7.57	128	41955	4.947	ng	93
9) Benzaldehyde	7.14	77	50887	7.081	ng	98
10) Phenol	7.19	94	55528	4.880	ng	94
11) bis(2-Chloroethyl)ether	7.42	93	45951	4.884	ng	96
12) 1,3-Dichlorobenzene	7.90	146	48348	4.946	ng	99
13) 1,4-Dichlorobenzene	8.04	146	47925	4.984	ng	93
14) 1,2-Dichlorobenzene	8.36	146	44126	4.768	ng	94
15) Benzyl Alcohol	8.23	79	41182	4.631	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58985	4.805	ng	96
17) 2-Methylphenol	8.44	107	37413	4.382	ng	97
18) Hexachloroethane	9.09	117	19010	5.138	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	39873	5.004	ng	97
20) 3+4-Methylphenols	8.76	107	49650	4.267	ng	99
22) Acetophenone	8.82	105	71902	5.302	ng	# 97
24) Nitrobenzene	9.20	77	56975	5.853	ng	96
25) Isophorone	9.73	82	102340	4.753	ng	98
26) 2-Nitrophenol	9.91	139	14899	4.696	ng	# 93
27) 2,4-Dimethylphenol	9.97	122	38692	5.049	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	59492	4.921	ng	# 97
29) 2,4-Dichlorophenol	10.45	162	36450	4.595	ng	94
30) 1,2,4-Trichlorobenzene	10.67	180	42097	4.789	ng	98
31) Naphthalene	10.85	128	133682	4.913	ng	# 96
32) Benzoic acid	10.02	122	7780	1.875	ng	92
33) 4-Chloroaniline	10.95	127	55442	4.559	ng	99
34) Hexachlorobutadiene	11.15	225	23120	4.505	ng	91
35) Caprolactam	11.69	113	11672	3.875	ng	# 76
36) 4-Chloro-3-methylphenol	12.07	107	40940	4.531	ng	96
37) 2-Methylnaphthalene	12.46	142	99608	5.149	ng	97
38) 1-Methylnaphthalene	12.68	142	92461	5.065	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	44317	5.391	ng	99

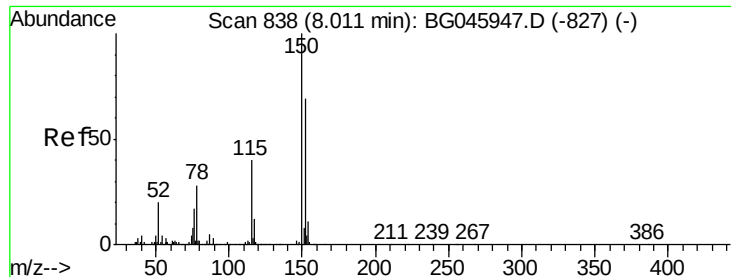
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	24718	5.067	ng	98
43) 2,4,6-Trichlorophenol	13.06	196	26386	4.746	ng	96
44) 2,4,5-Trichlorophenol	13.13	196	28034	4.460	ng	95
46) 1,1'-Biphenyl	13.46	154	125336	5.713	ng	96
47) 2-Chloronaphthalene	13.50	162	85675	4.950	ng	92
48) 2-Nitroaniline	13.69	65	21031	5.192	ng	92
49) Acenaphthylene	14.35	152	147965	5.298	ng	94
50) Dimethylphthalate	14.08	163	110397	5.044	ng	97
51) 2,6-Dinitrotoluene	14.19	165	16323	4.807	ng	94
52) Acenaphthene	14.69	154	87610	4.973	ng	99
53) 3-Nitroaniline	14.51	138	17988	4.274	ng #	77
54) 2,4-Dinitrophenol	14.71	184	3569	2.979	ng #	1
55) Dibenzofuran	15.03	168	135227	5.237	ng #	96
56) 4-Nitrophenol	14.81	139	14905	4.180	ng	92
57) 2,4-Dinitrotoluene	14.97	165	18584	4.429	ng #	88
58) Fluorene	15.68	166	109453	5.167	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	22128	4.559	ng #	90
60) Diethylphthalate	15.45	149	113745	4.956	ng	93
61) 4-Chlorophenyl-phenylether	15.67	204	53536	5.080	ng	93
62) 4-Nitroaniline	15.67	138	19662	4.347	ng	96
63) Azobenzene	15.97	77	126861	5.150	ng	97
65) 4,6-Dinitro-2-methylphenol	15.74	198	5740	3.268	ng	93
66) n-Nitrosodiphenylamine	15.88	169	95788	5.155	ng	94
67) 4-Bromophenyl-phenylether	16.56	248	30889	4.612	ng	95
68) Hexachlorobenzene	16.68	284	32166	4.786	ng #	92
69) Atrazine	16.83	200	31341	5.705	ng	96
70) Pentachlorophenol	17.02	266	14380	3.849	ng	90
71) Phenanthrene	17.41	178	167626	5.288	ng	97
72) Anthracene	17.50	178	172825	5.372	ng	96
73) Carbazole	17.76	167	162221	5.031	ng #	95
74) Di-n-butylphthalate	18.34	149	200009	5.133	ng #	95
75) Fluoranthene	19.42	202	198804	5.425	ng	96
77) Benzidine	19.60	184	99812	6.232	ng	99
78) Pyrene	19.78	202	200588	5.246	ng	93
80) Butylbenzylphthalate	20.68	149	79268	4.387	ng	98
81) Benzo(a)anthracene	21.61	228	192235	5.219	ng	94
82) 3,3'-Dichlorobenzidine	21.52	252	69595	5.113	ng	92
83) Chrysene	21.68	228	178345	5.082	ng	93
84) Bis(2-ethylhexyl)phthalate	21.55	149	124869	4.761	ng	94
85) Di-n-octyl phthalate	22.76	149	202603	4.451	ng	100
87) Indeno(1,2,3-cd)pyrene	28.35	276	198840	4.856	ng #	91
88) Benzo(b)fluoranthene	23.78	252	184344	5.189	ng	98
89) Benzo(k)fluoranthene	23.85	252	179982	5.358	ng	100
90) Benzo(a)pyrene	24.63	252	166691	4.990	ng	95
91) Dibenzo(a,h)anthracene	28.43	278	166875	5.053	ng	96
92) Benzo(g,h,i)perylene	29.46	276	169936	5.114	ng	99

(#) = 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: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

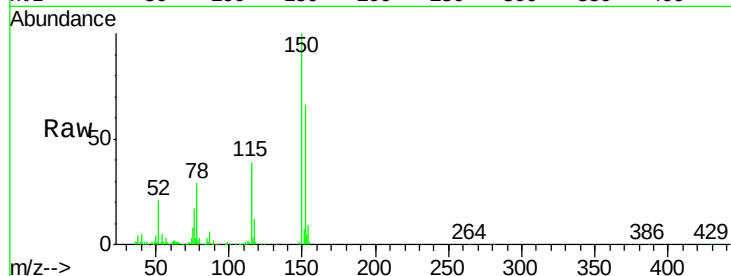
Tot Ion:152 Resp: 127759

Ion Ratio Lower Upper

152 100

150 152.2 116.7 175.1

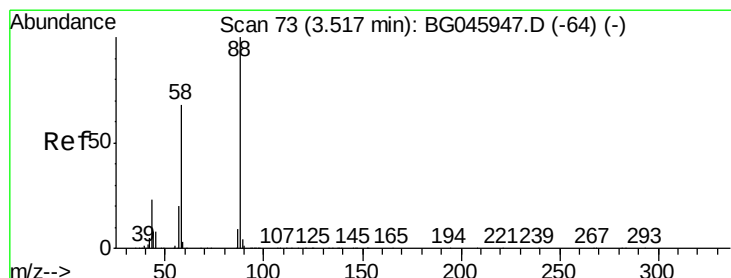
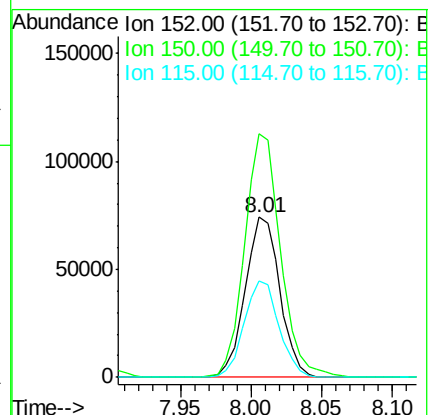
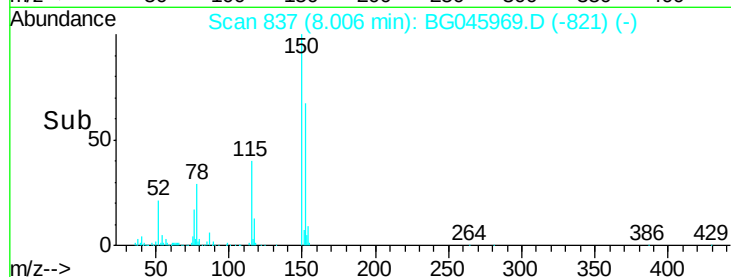
115 59.9 47.4 71.0



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: 6.101 ng

RT: 3.52 min Scan# 73

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

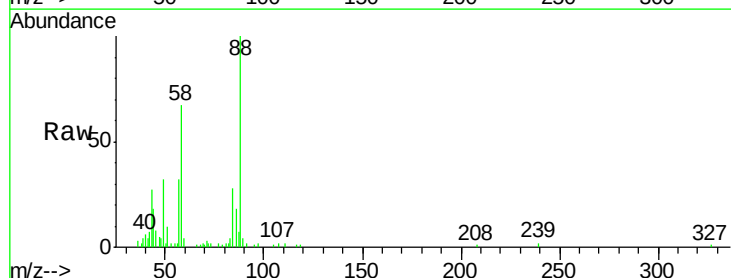
Tgt Ion: 88 Resp: 22175

Ion Ratio Lower Upper

88 100

58 69.8 55.2 82.8

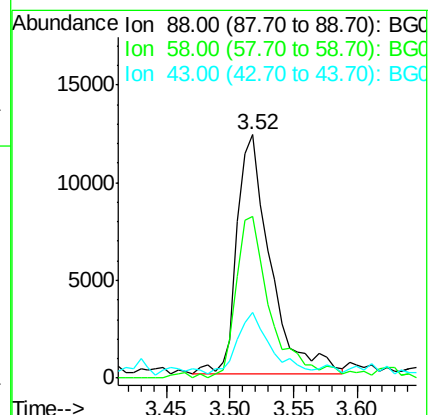
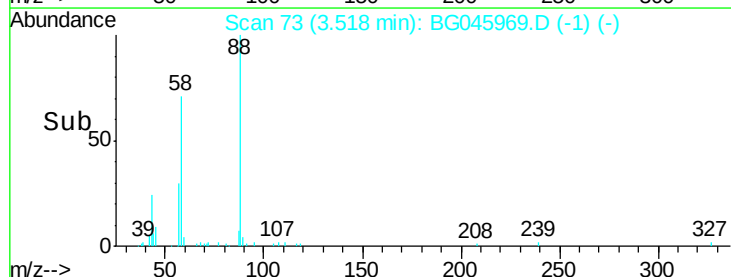
43 24.5 19.4 29.0

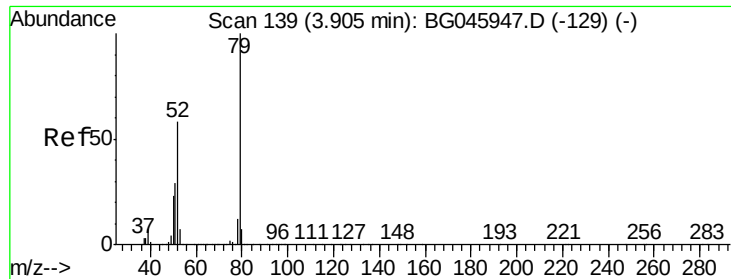


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 4.091 ng

RT: 3.91 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

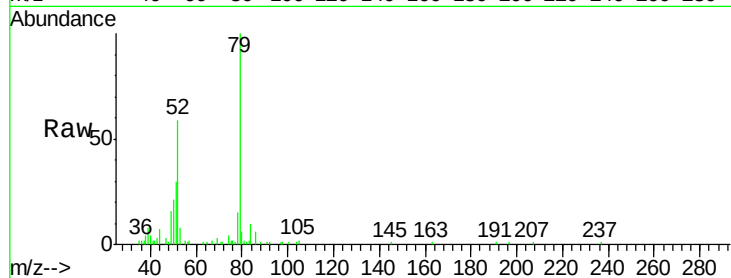
Tot Ion: 79 Resp: 44960

Ion Ratio Lower Upper

79 100

52 59.3 46.5 69.7

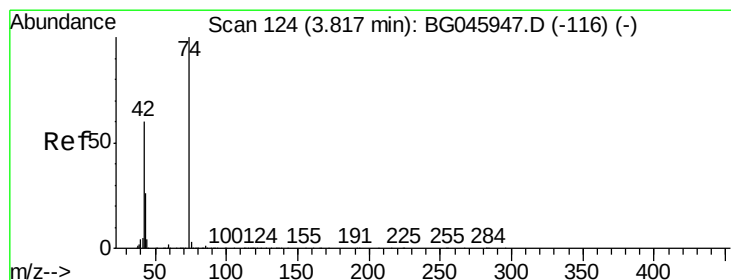
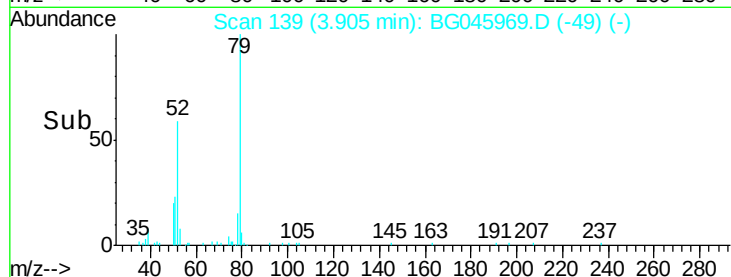
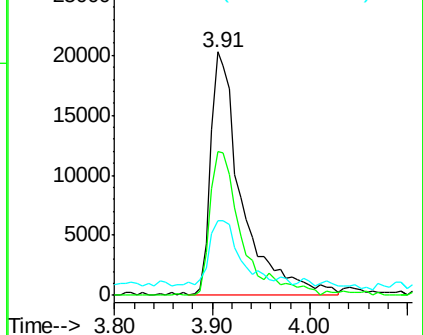
51 30.5 23.5 35.3



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 5.397 ng

RT: 3.82 min Scan# 125

Delta R.T. 0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

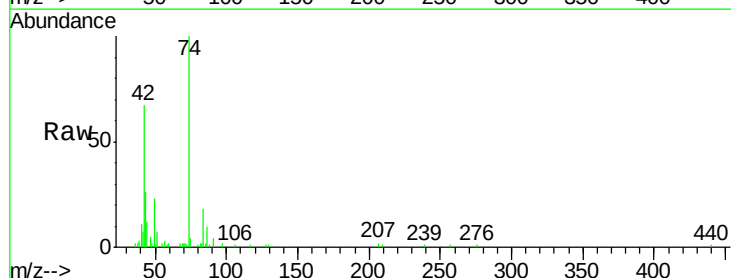
Tgt Ion: 42 Resp: 20056

Ion Ratio Lower Upper

42 100

74 149.0 131.9 197.9

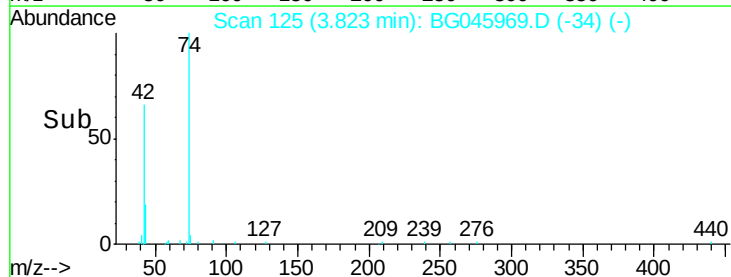
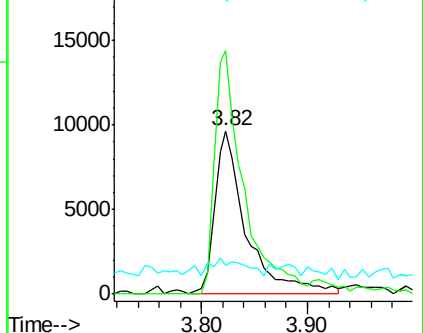
44 17.8 7.7 11.5#

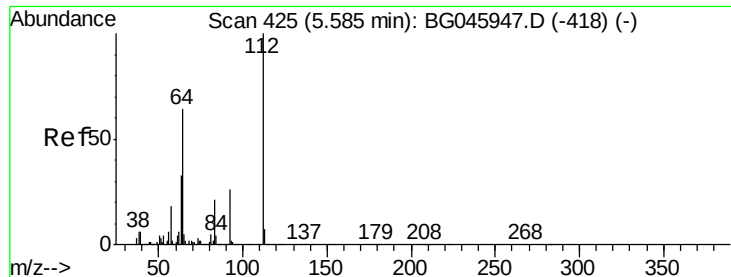


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 161.157 ng

RT: 5.59 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

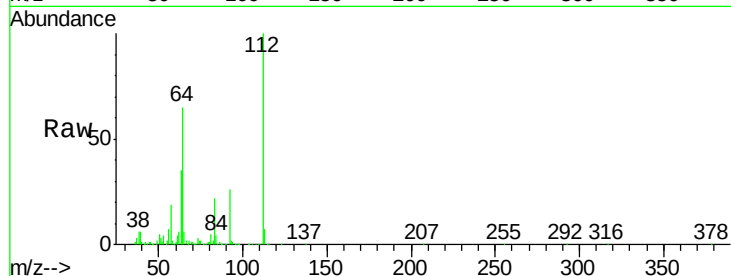
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:112 Resp: 1269637

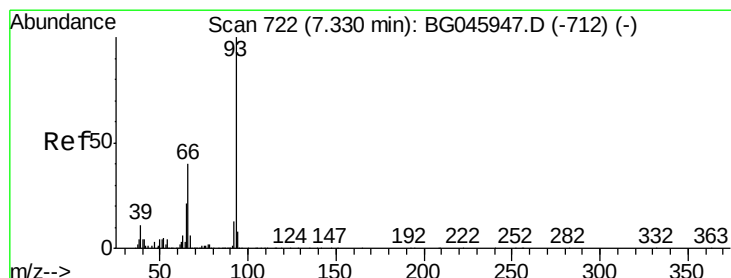
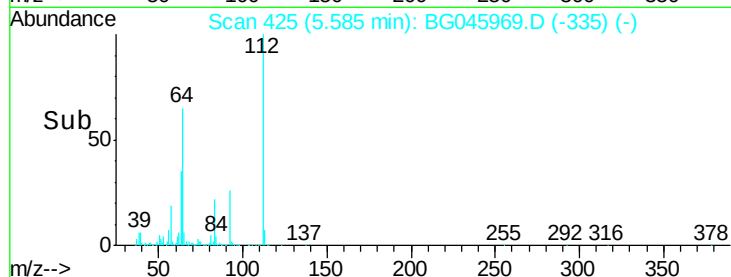
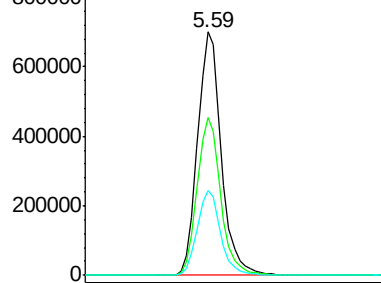
Ion	Ratio	Lower	Upper
112	100		
64	64.9	51.4	77.2
63	34.9	26.6	40.0



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: 4.959 ng

RT: 7.33 min Scan# 722

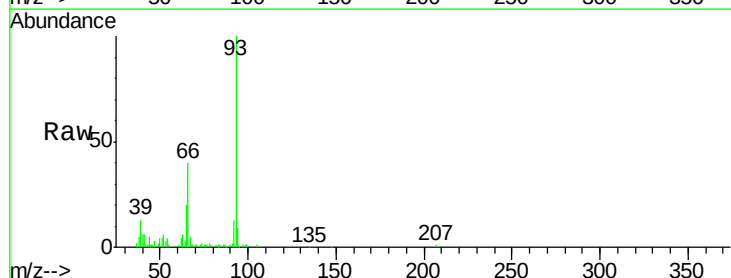
Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion: 93 Resp: 71951

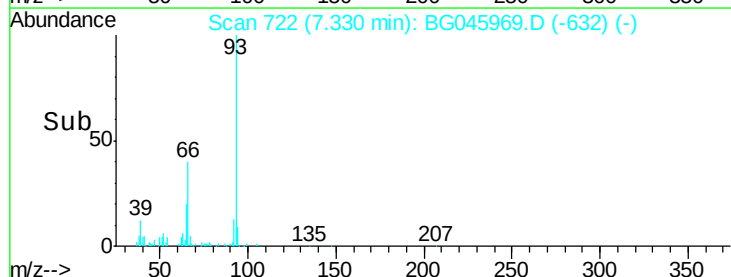
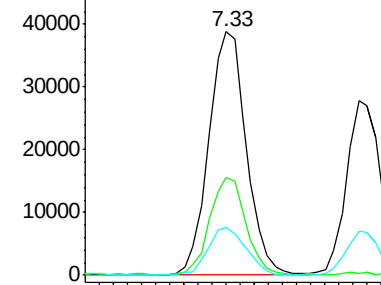
Ion	Ratio	Lower	Upper
93	100		
66	40.0	32.3	48.5
65	19.5	16.6	25.0

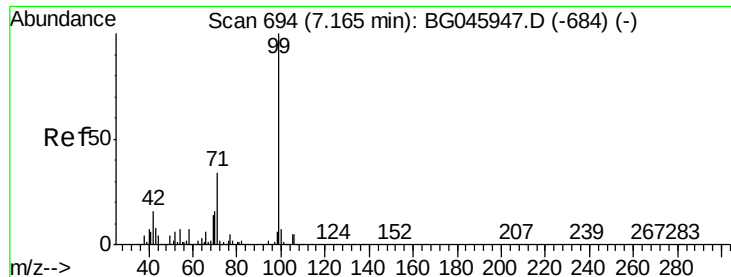


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.342 ng

RT: 7.17 min Scan# 694

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

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ClientSampleId :

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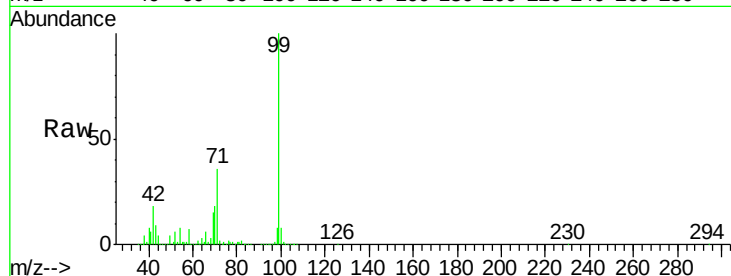
Tot Ion: 99 Resp: 1750615

Ion Ratio Lower Upper

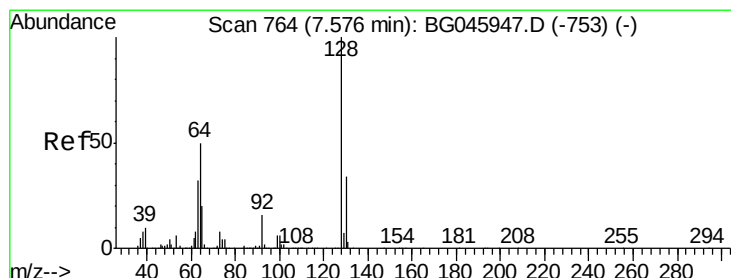
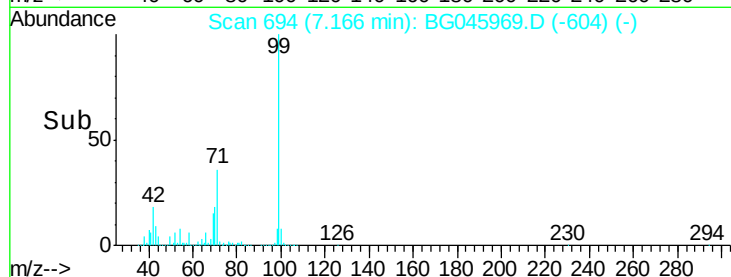
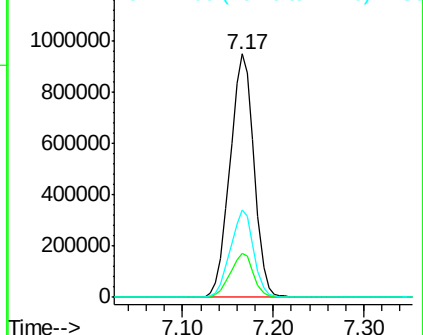
99 100

42 18.3 13.0 19.4

71 36.0 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: 4.947 ng

RT: 7.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

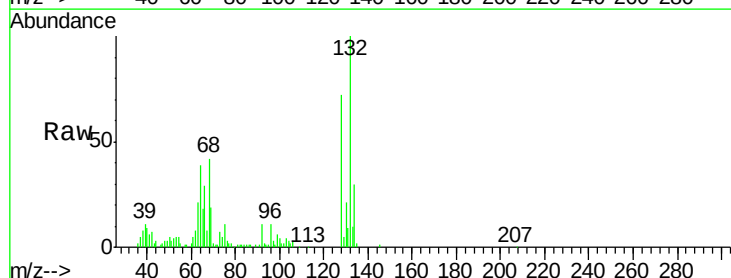
Tgt Ion: 128 Resp: 41955

Ion Ratio Lower Upper

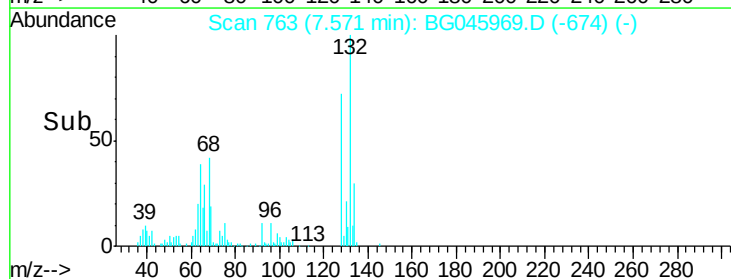
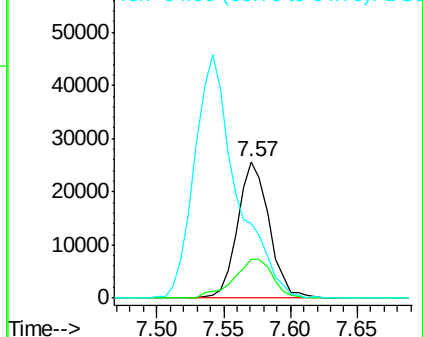
128 100

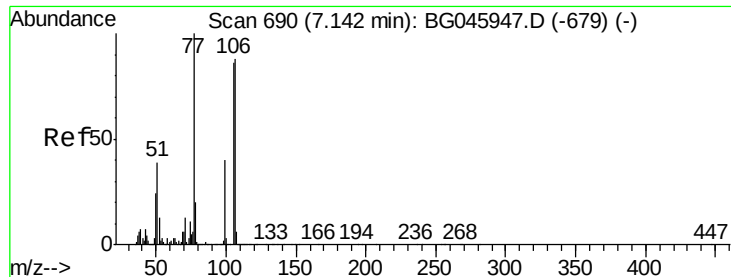
130 28.4 13.6 53.6

64 54.3 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: 7.081 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

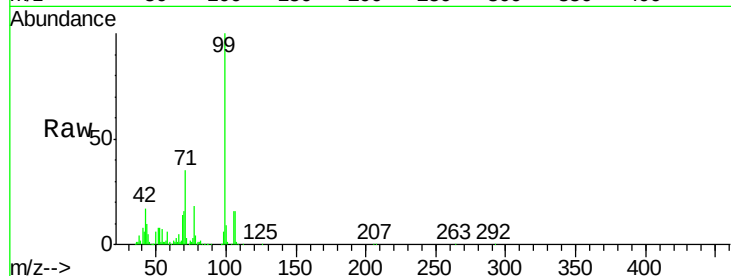
Tot Ion: 77 Resp: 50887

Ion Ratio Lower Upper

77 100

105 88.4 66.0 106.0

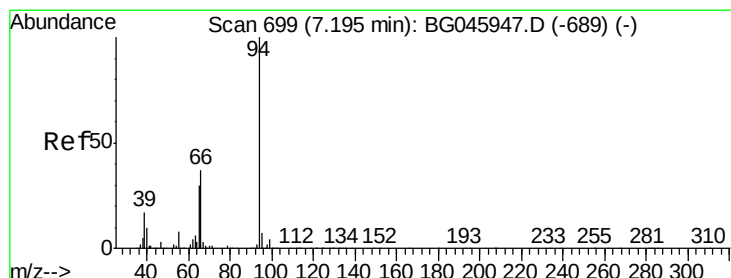
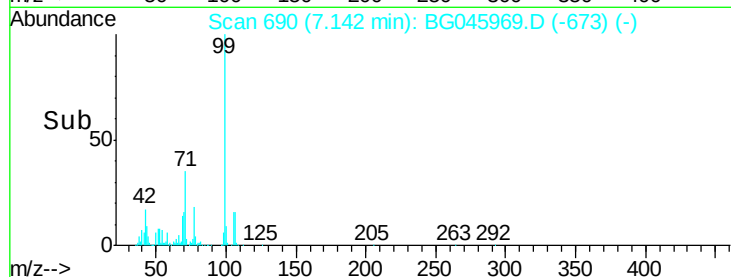
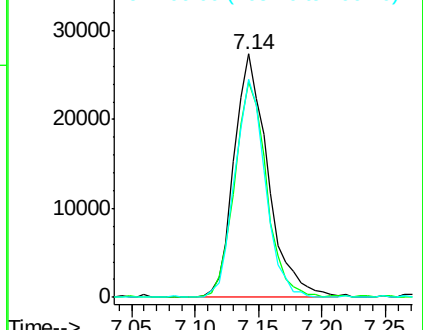
106 89.6 67.7 107.7



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: 4.880 ng

RT: 7.19 min Scan# 699

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

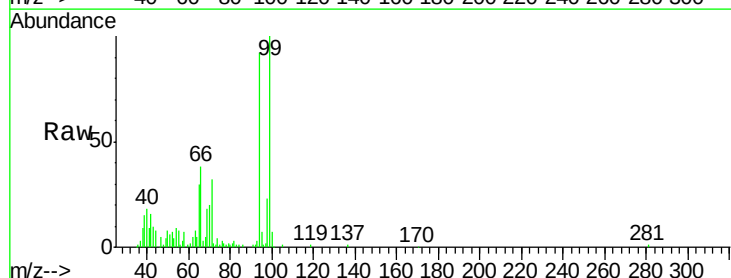
Tgt Ion: 94 Resp: 55528

Ion Ratio Lower Upper

94 100

65 32.4 10.6 50.6

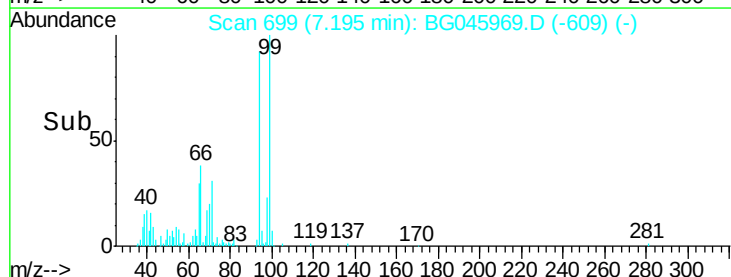
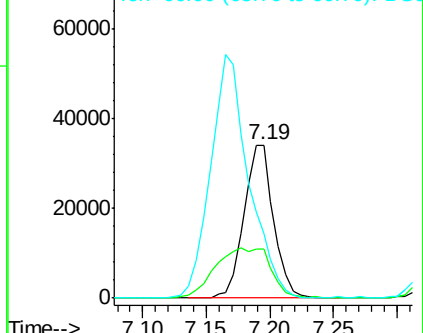
66 41.8 17.1 57.1

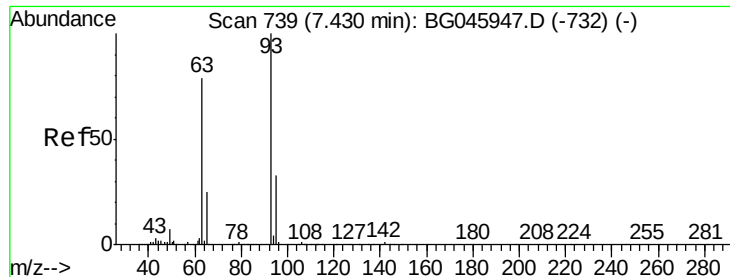


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

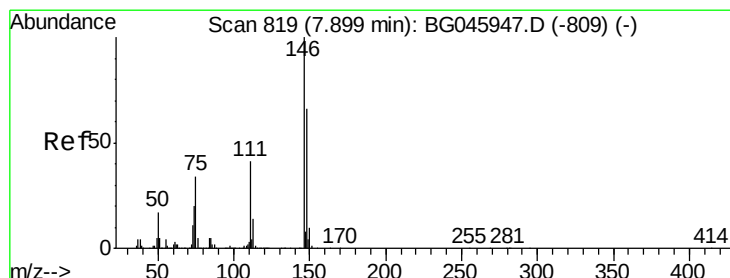
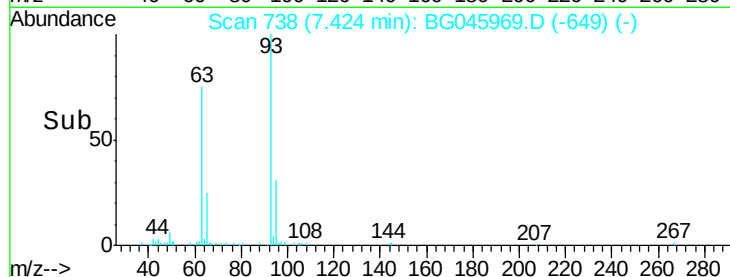
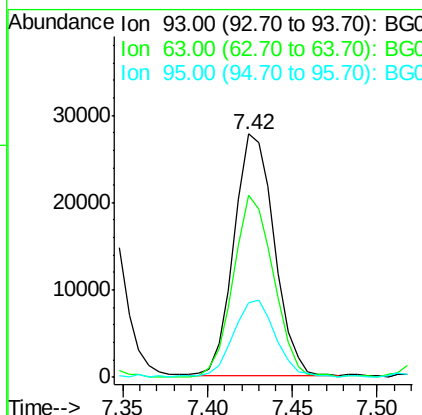
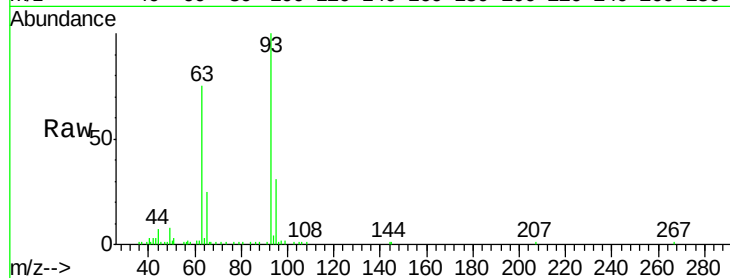




#11
bis(2-Chloroethyl)ether
Concen: 4.884 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

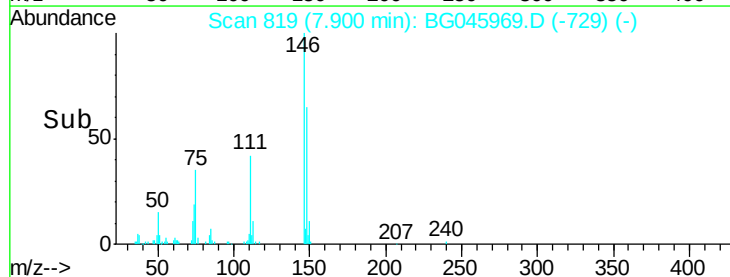
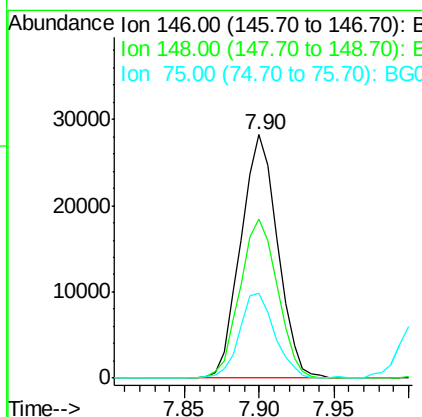
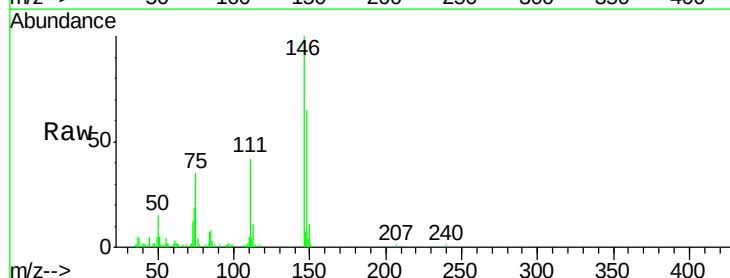
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

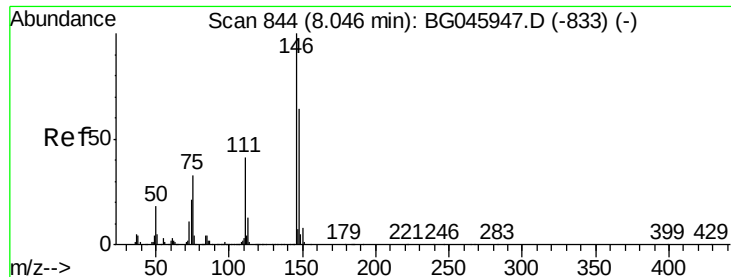
Tot Ion: 93 Resp: 45951
Ion Ratio Lower Upper
93 100
63 74.7 58.6 98.6
95 30.8 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 4.946 ng
RT: 7.90 min Scan# 819
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion: 146 Resp: 48348
Ion Ratio Lower Upper
146 100
148 65.2 52.8 79.2
75 34.7 27.2 40.8

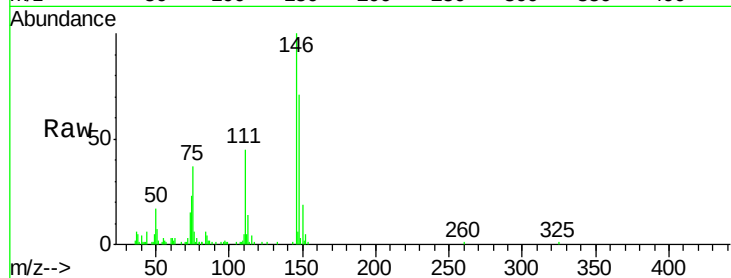




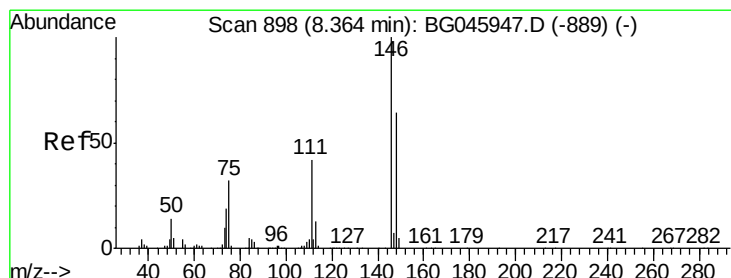
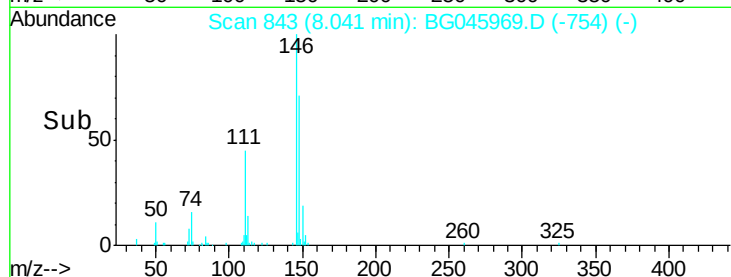
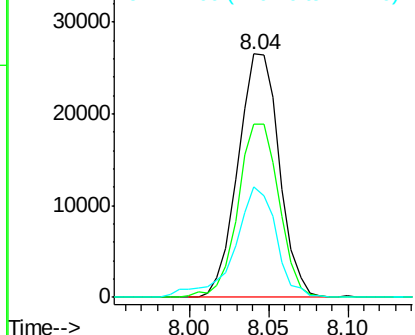
#13
 1,4-Dichlorobenzene
 Concen: 4.984 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:146 Resp: 47925
 Ion Ratio Lower Upper
 146 100
 148 70.9 51.7 77.5
 111 45.2 33.3 49.9

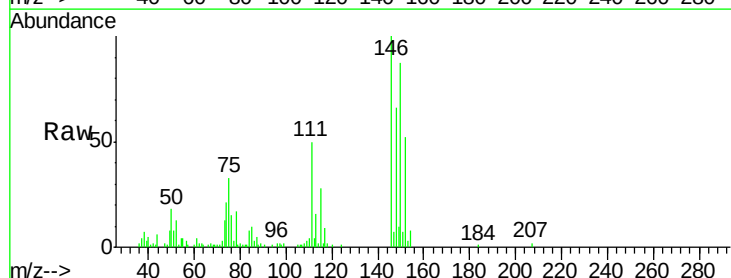


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

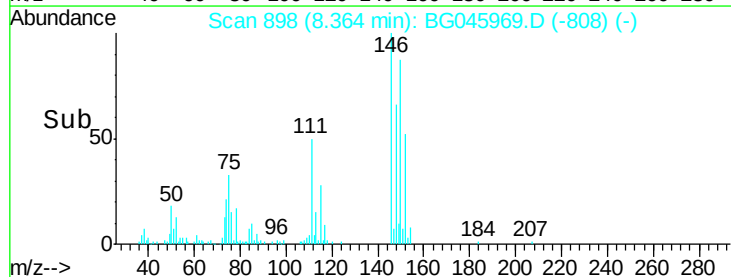
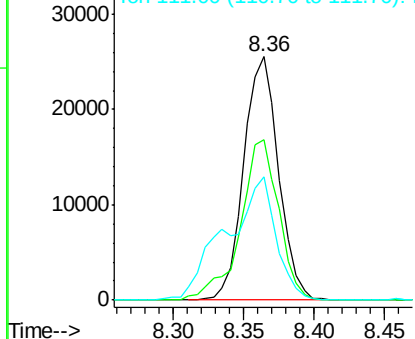


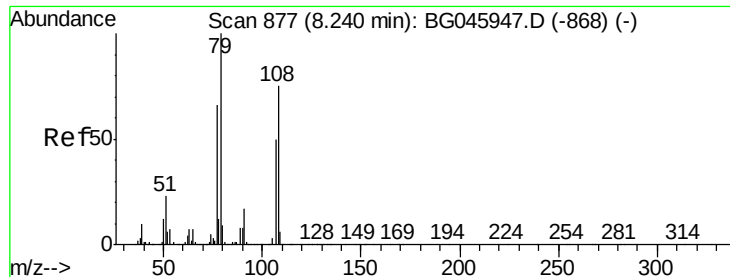
#14
 1,2-Dichlorobenzene
 Concen: 4.768 ng
 RT: 8.36 min Scan# 898
 Delta R.T. 0.00 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion:146 Resp: 44126
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.6 77.4
 111 50.5 34.0 51.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 4.631 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

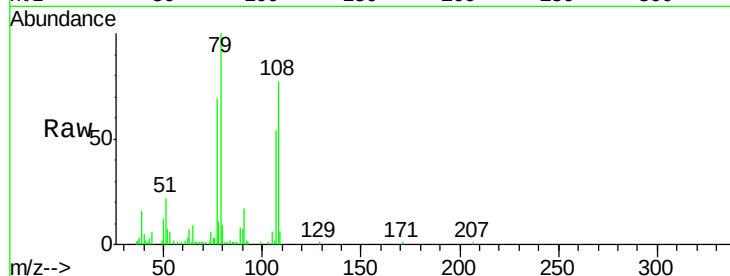
Tot Ion: 79 Resp: 41182

Ion Ratio Lower Upper

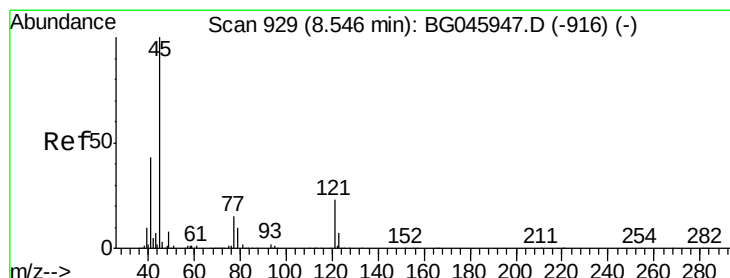
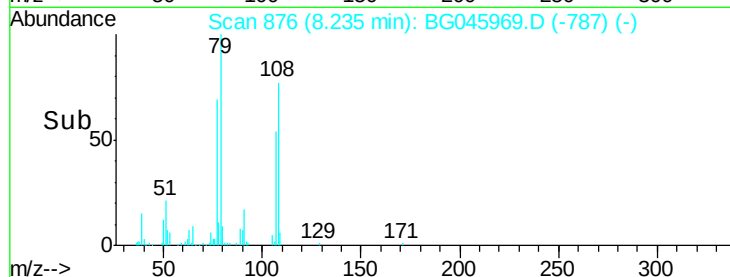
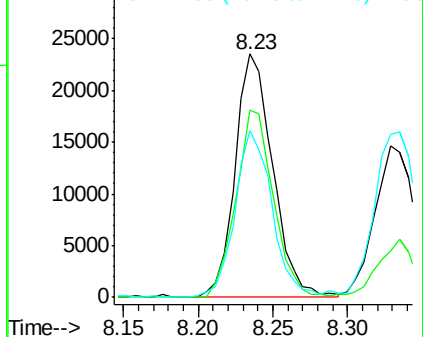
79 100

108 76.9 60.2 90.4

77 68.6 52.9 79.3



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.805 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

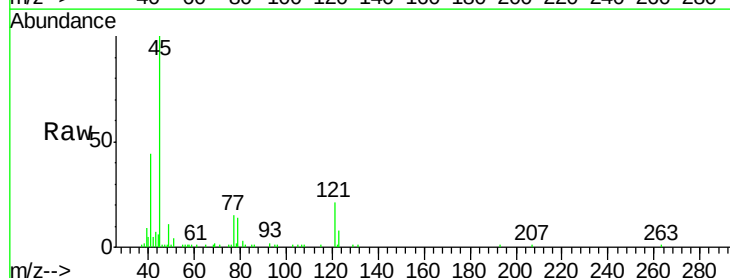
Tgt Ion: 45 Resp: 58985

Ion Ratio Lower Upper

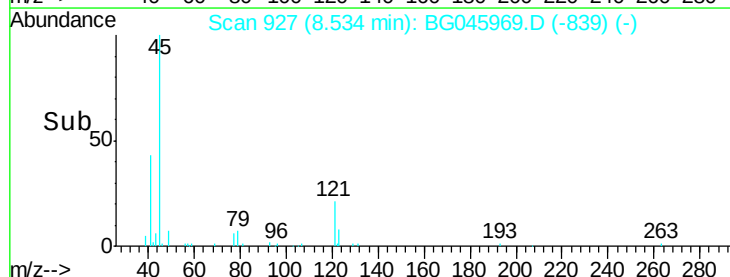
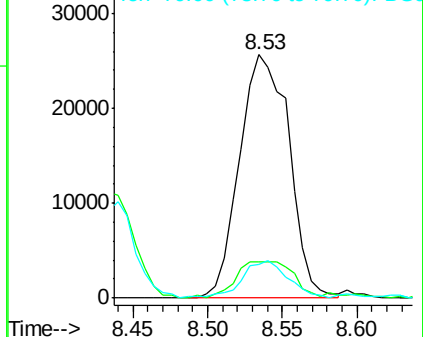
45 100

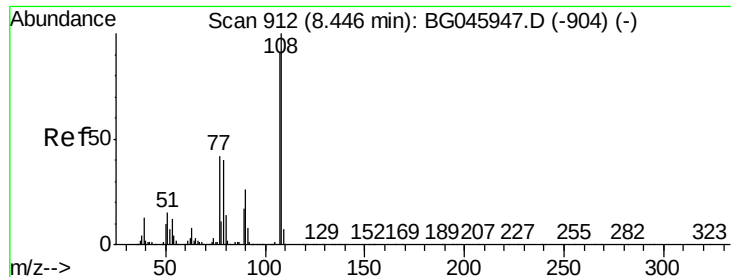
77 15.1 0.0 37.6

79 13.6 0.0 32.6



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

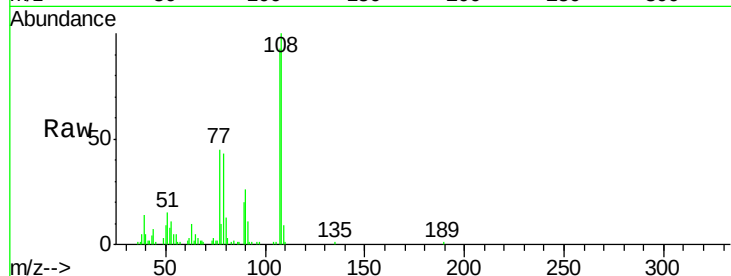




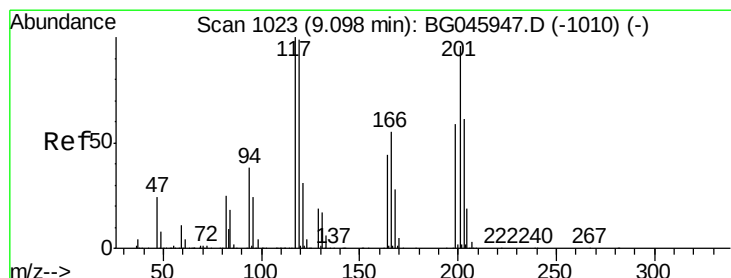
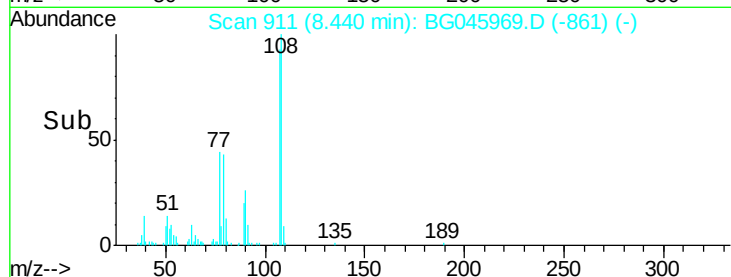
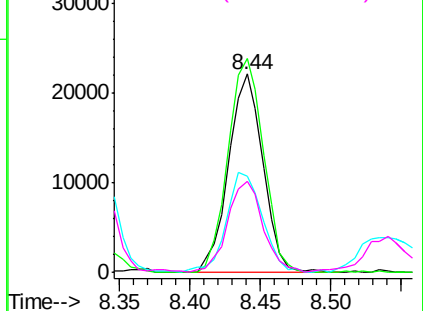
#17
2-Methylphenol
Concen: 4.382 ng
RT: 8.44 min Scan# 911
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	107	Resp:	37413
Ion	Ratio	Lower	Upper
107	100		
108	107.9	88.2	132.4
77	48.8	37.0	55.4
79	46.2	35.4	53.0

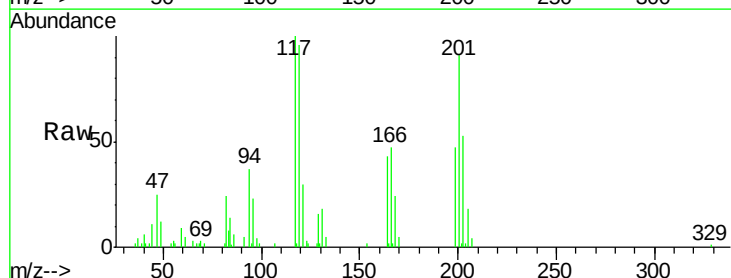


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC

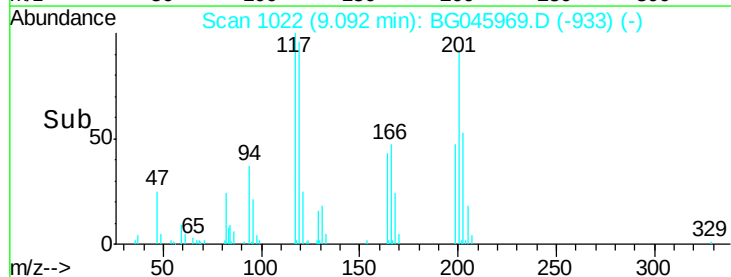
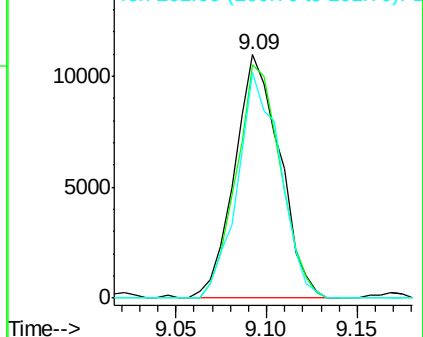


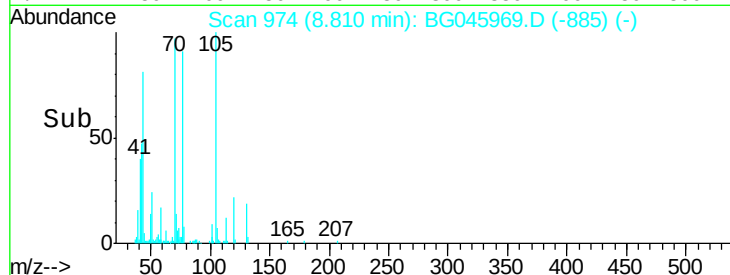
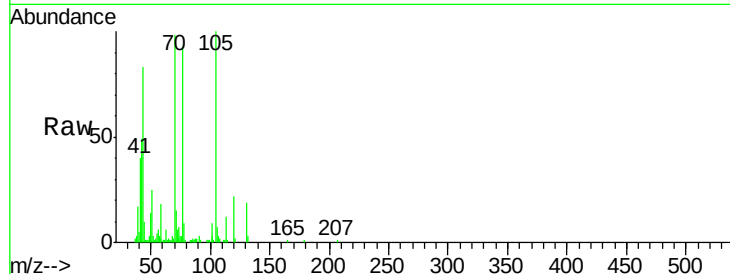
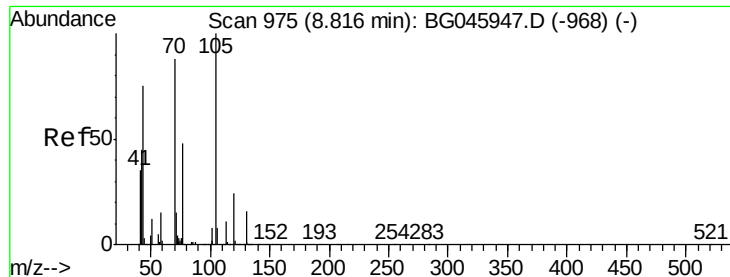
#18
Hexachloroethane
Concen: 5.138 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:	117	Resp:	19010
Ion	Ratio	Lower	Upper
117	100		
119	96.1	79.5	119.3
201	92.7	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

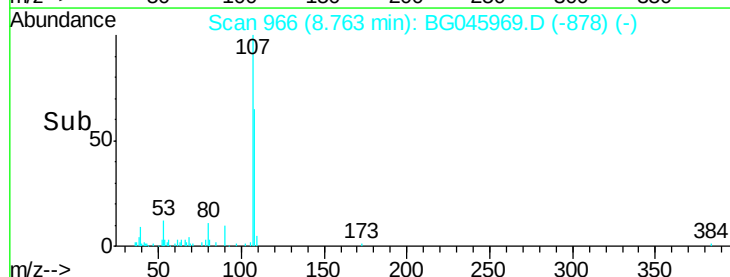
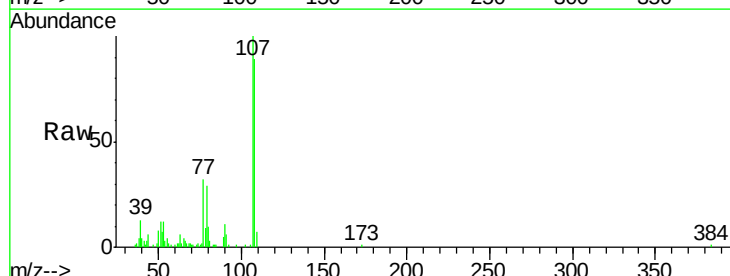
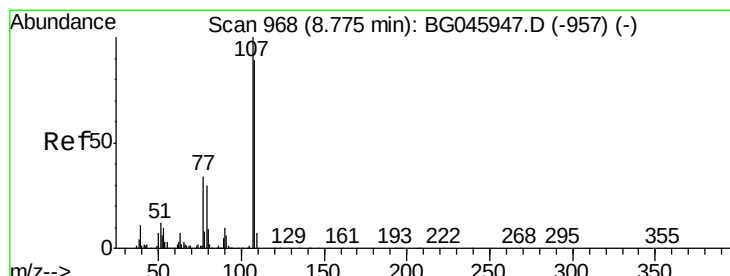
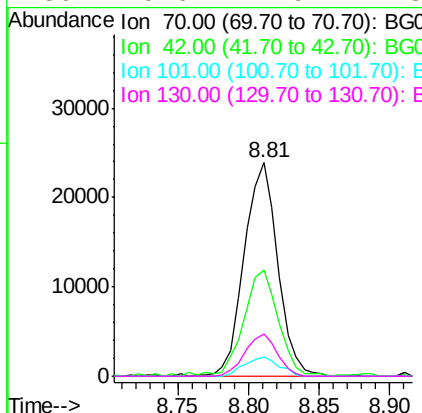




#19
n-Nitroso-di-n-propylamine
Concen: 5.004 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

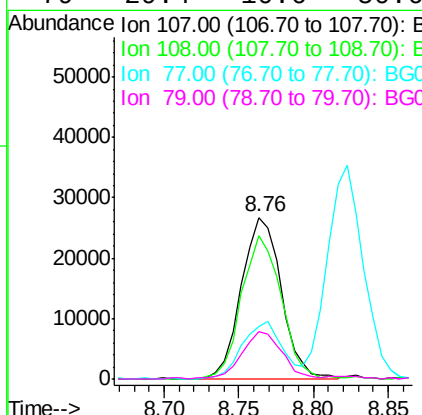
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

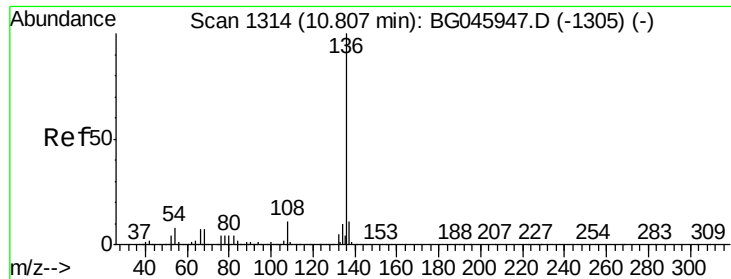
Tot Ion:	70	Resp:	39873
Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.4	62.0
101	9.3	7.1	10.7
130	19.6	14.9	22.3



#20
3+4-Methylphenols
Concen: 4.267 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:	107	Resp:	49650
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	32.2	14.6	54.6
79	29.4	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: BG045969.D

Acq: 7 Jul 2020 21:22

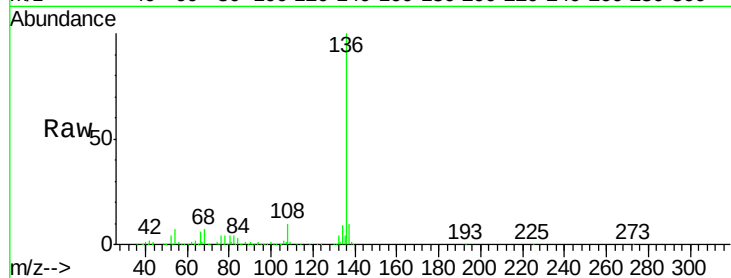
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:136	Resp:	507615
Ion	Ratio	Lower Upper
136	100	
137	10.1	9.2 13.8
54	7.4	6.2 9.4
68	6.9	5.8 8.8

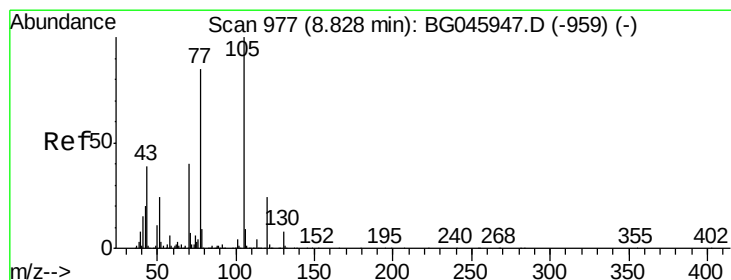
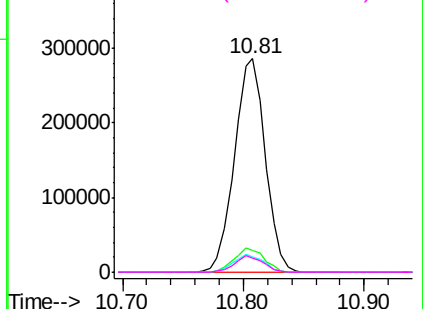
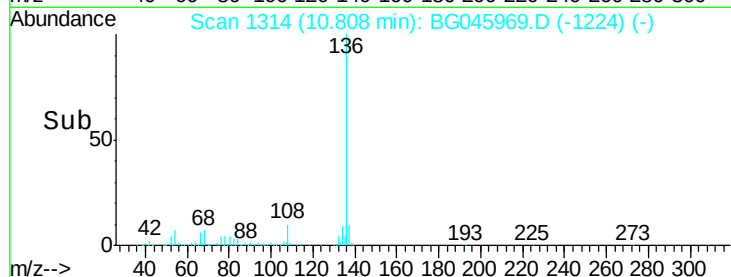


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 5.302 ng

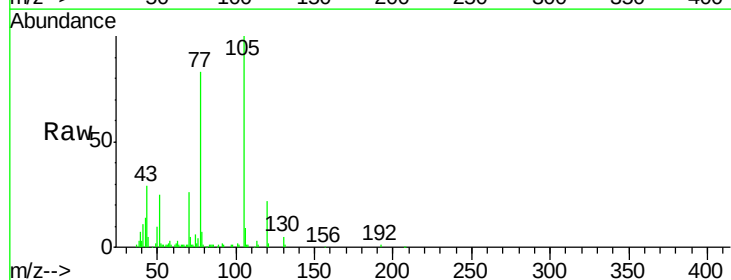
RT: 8.82 min Scan# 976

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:105	Resp:	71902
Ion	Ratio	Lower Upper
105	100	
71	5.2	6.2 9.2#
51	25.1	19.7 29.5
120	21.8	19.2 28.8

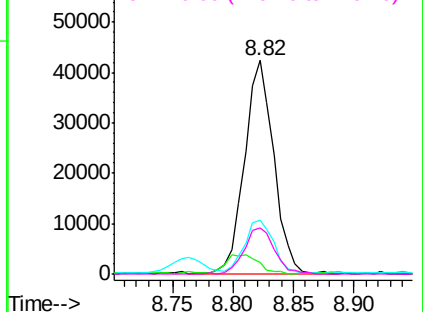
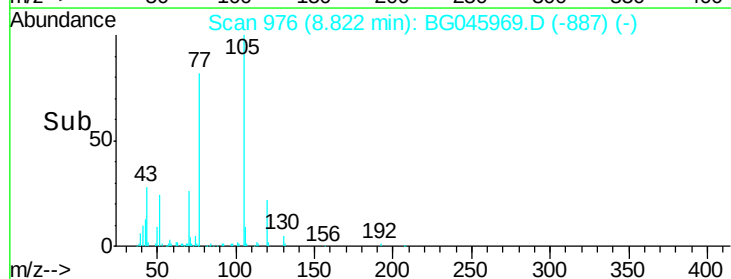


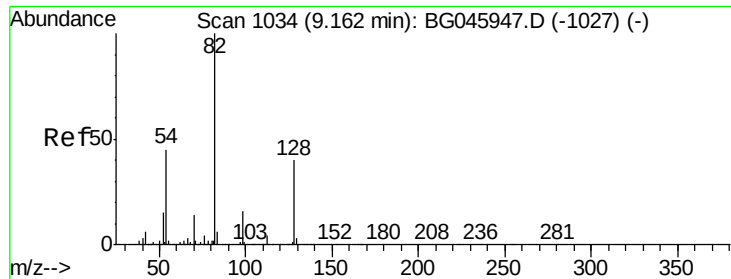
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

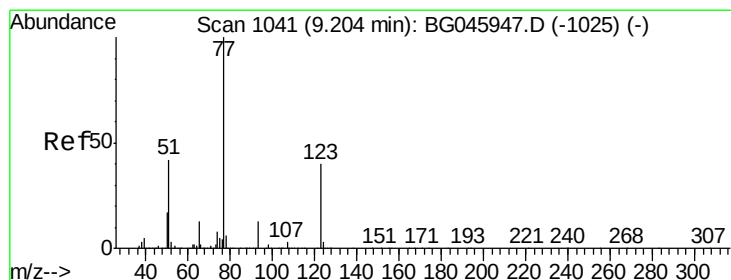
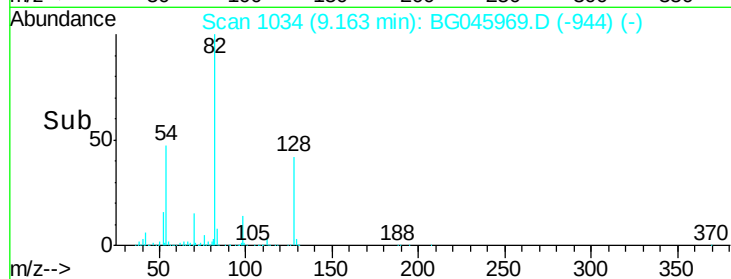
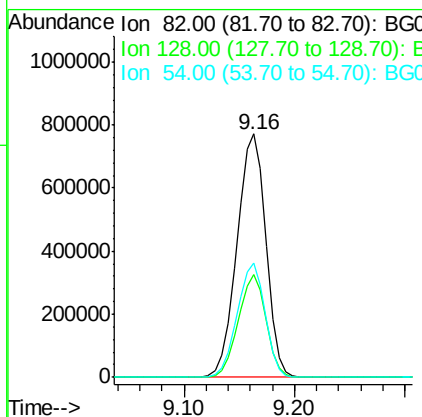
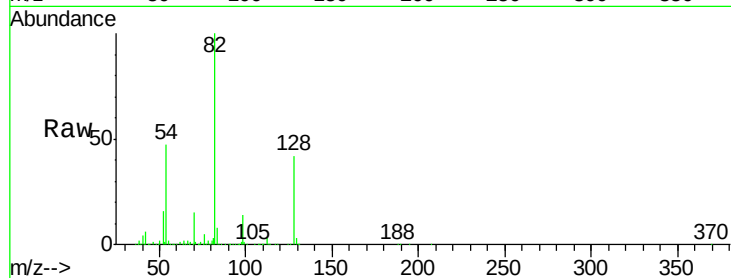




#23
Nitrobenzene-d5
Concen: 160.088 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

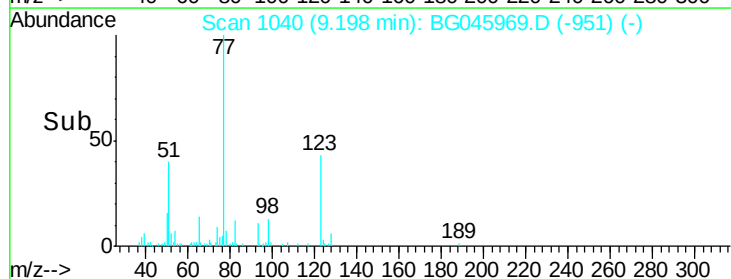
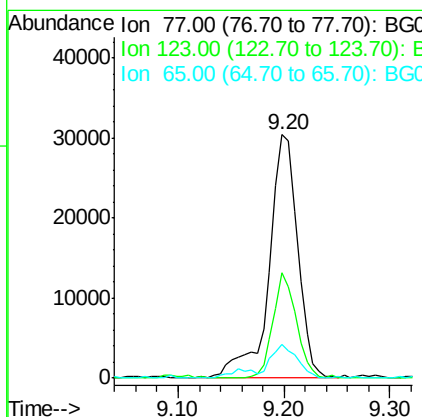
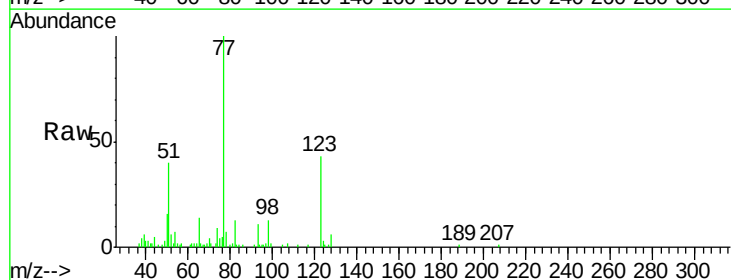
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

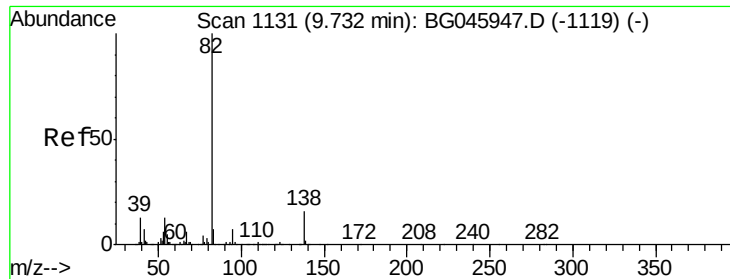
Tot Ion: 82 Resp: 1411852
Ion Ratio Lower Upper
82 100
128 42.1 32.2 48.4
54 46.8 35.8 53.6



#24
Nitrobenzene
Concen: 5.853 ng
RT: 9.20 min Scan# 1040
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion: 77 Resp: 56975
Ion Ratio Lower Upper
77 100
123 43.5 32.7 49.1
65 13.7 10.2 15.4





#25

Isophorone

Concen: 4.753 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

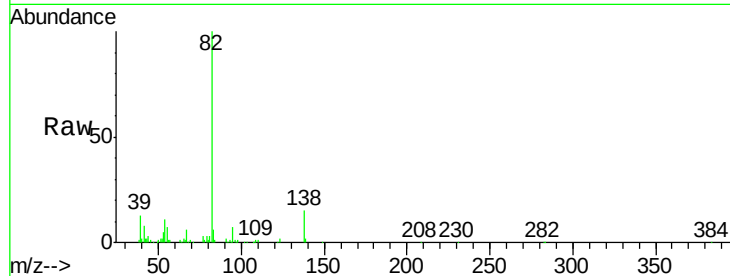
Tot Ion: 82 Resp: 102340

Ion Ratio Lower Upper

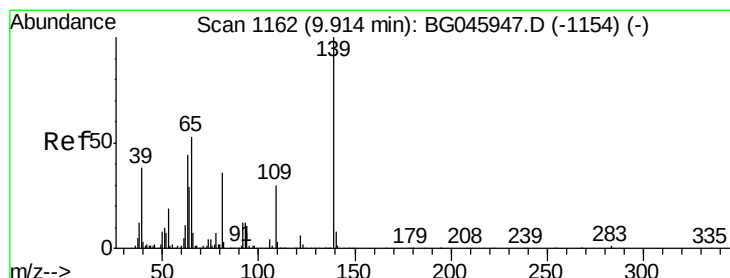
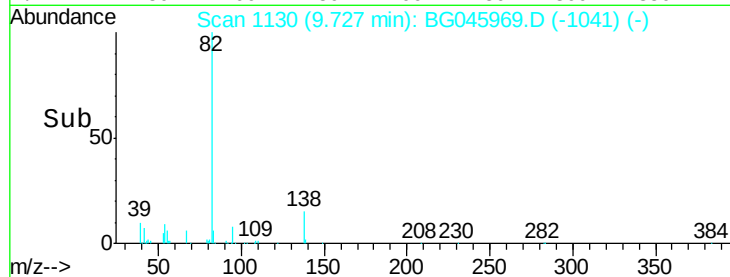
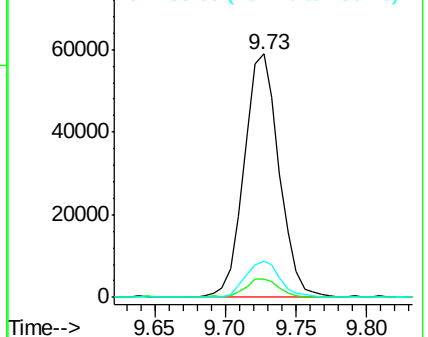
82 100

95 7.4 5.8 8.6

138 14.8 12.9 19.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 4.696 ng

RT: 9.91 min Scan# 1162

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

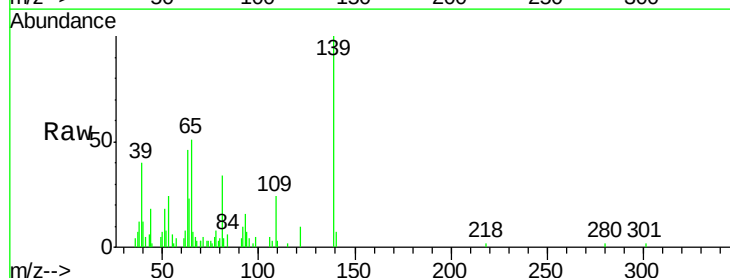
Tgt Ion: 139 Resp: 14899

Ion Ratio Lower Upper

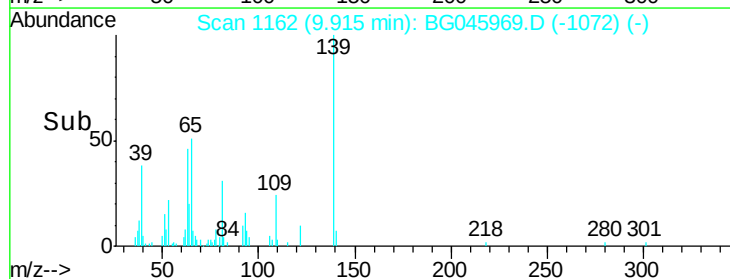
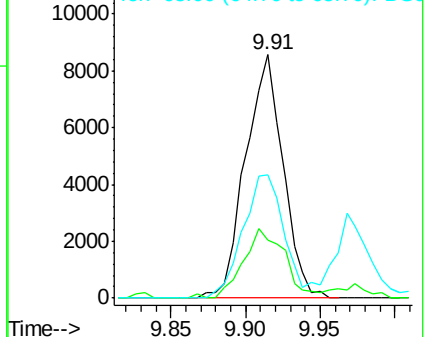
139 100

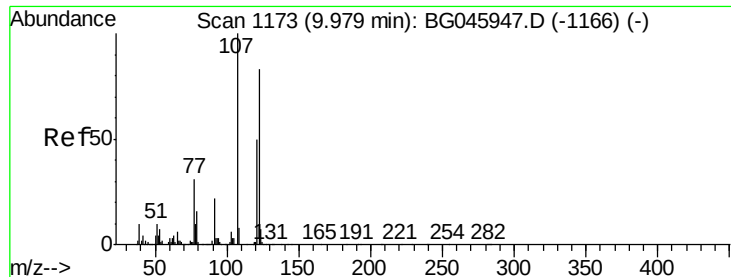
109 23.6 24.6 37.0#

65 50.6 42.6 64.0



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 5.049 ng

RT: 9.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

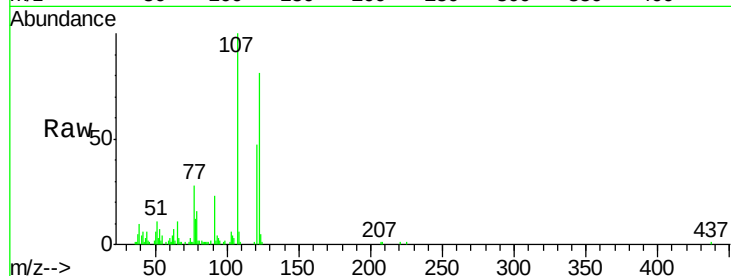
Tot Ion:122 Resp: 38692

Ion Ratio Lower Upper

122 100

107 124.2 95.6 143.4

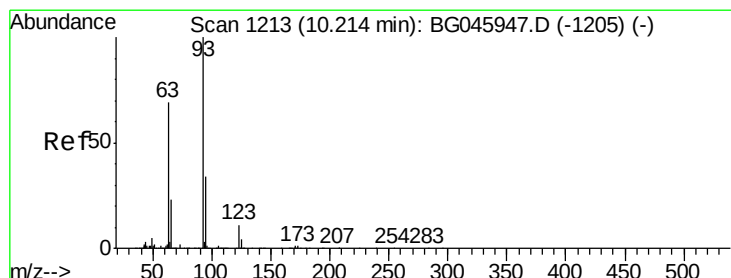
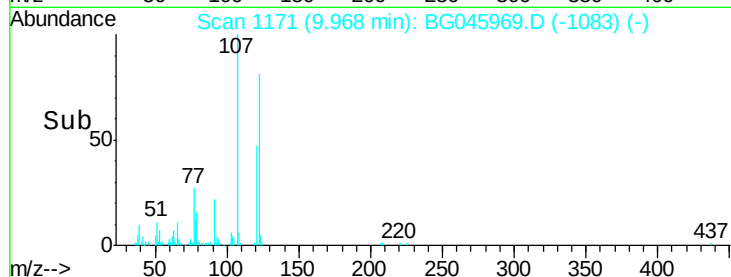
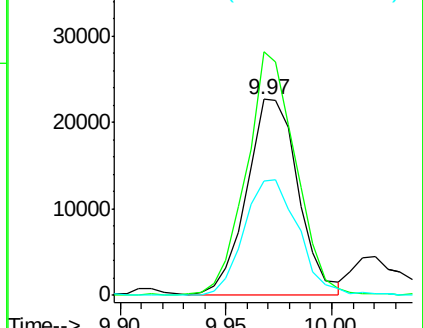
121 58.0 47.7 71.5



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: 4.921 ng

RT: 10.21 min Scan# 1212

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

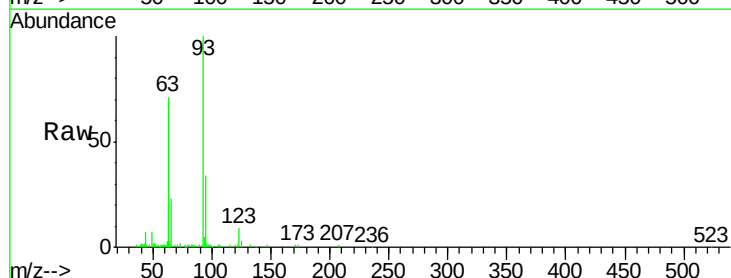
Tgt Ion: 93 Resp: 59492

Ion Ratio Lower Upper

93 100

95 33.6 27.5 41.3

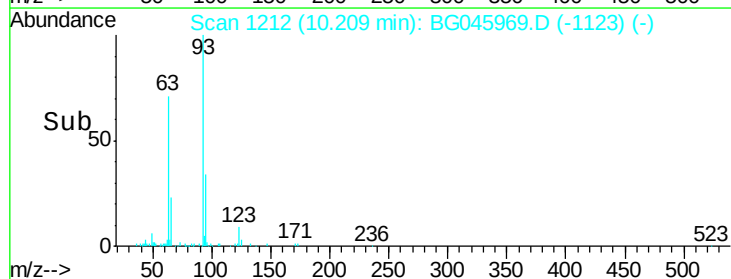
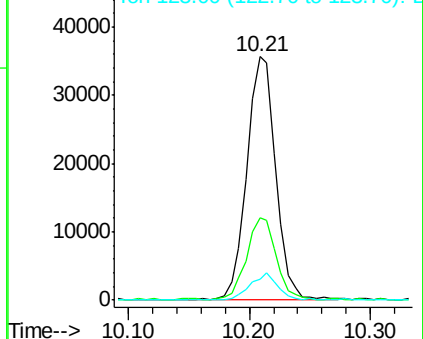
123 8.5 9.2 13.8#

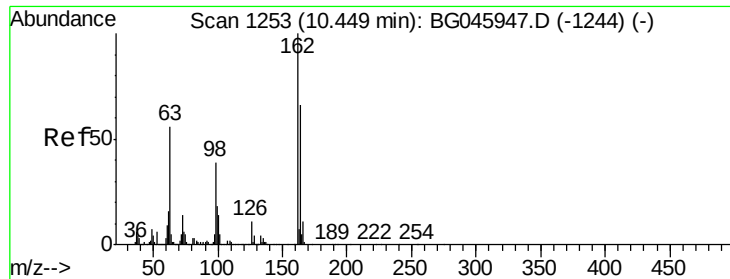


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

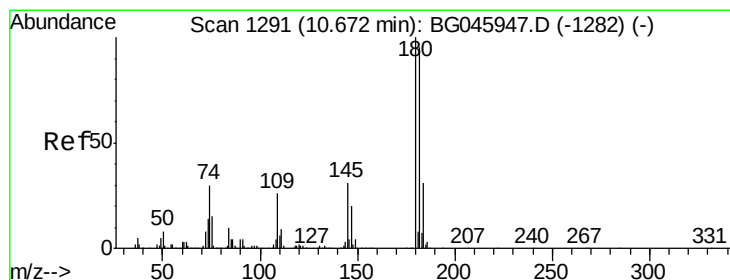
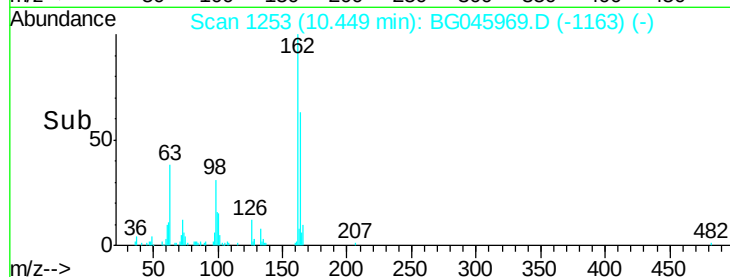
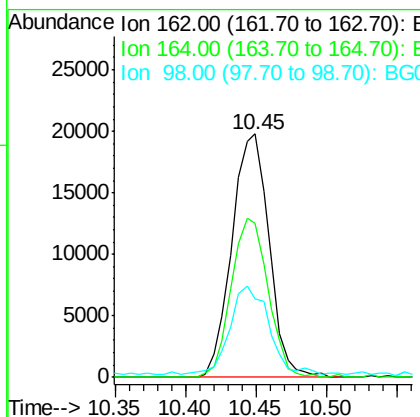
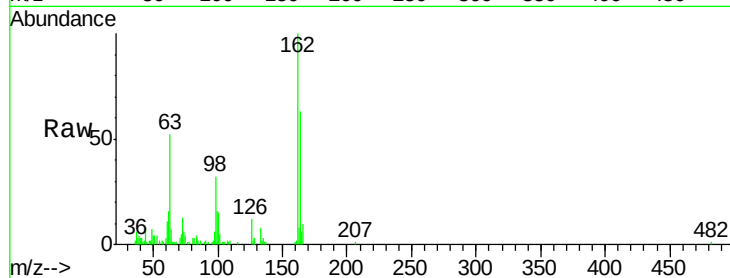




#29
 2,4-Dichlorophenol
 Concen: 4.595 ng
 RT: 10.45 min Scan# 1253
 Delta R.T. 0.00 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

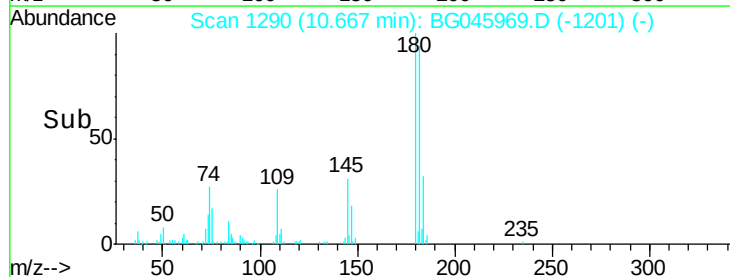
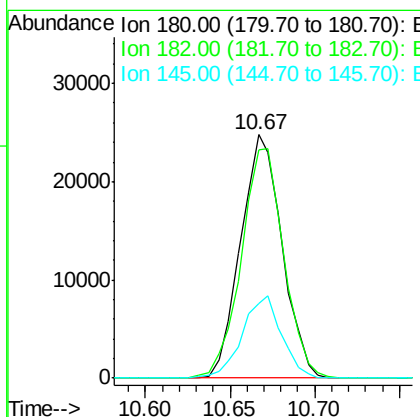
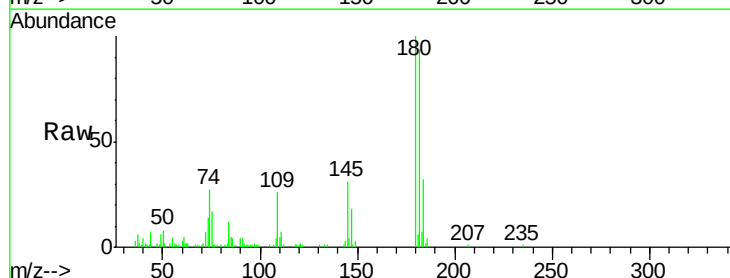
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

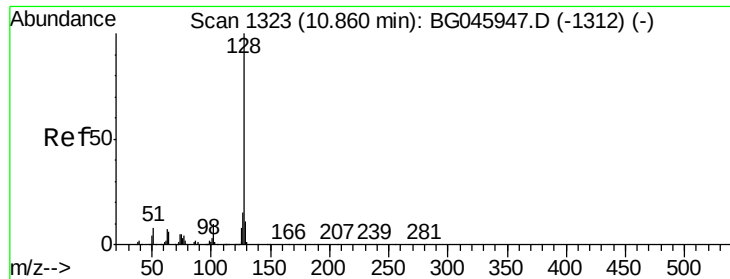
Tot Ion	162	Resp	36450
Ion Ratio	Lower	Upper	
162	100		
164	63.4	46.0	86.0
98	32.5	19.2	59.2



#30
 1,2,4-Trichlorobenzene
 Concen: 4.789 ng
 RT: 10.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	180	Resp	42097
Ion Ratio	Lower	Upper	
180	100		
182	93.5	76.3	114.5
145	30.8	24.8	37.2

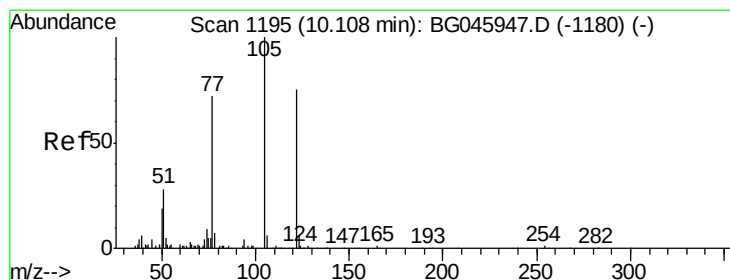
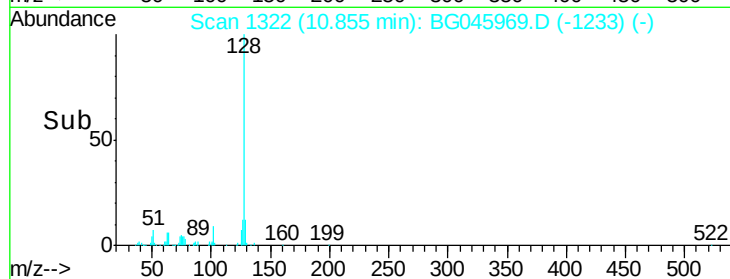
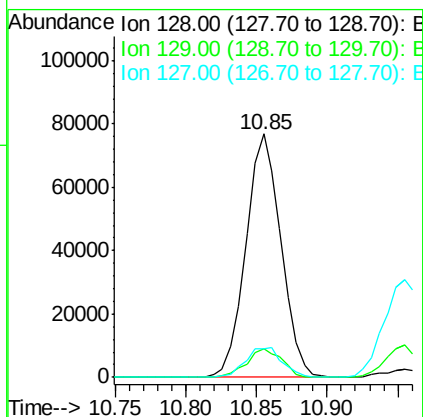
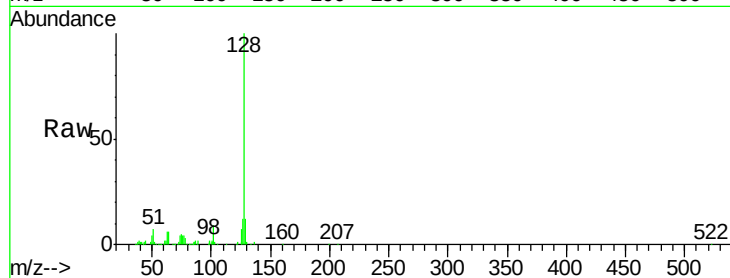




#31
Naphthalene
Concen: 4.913 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

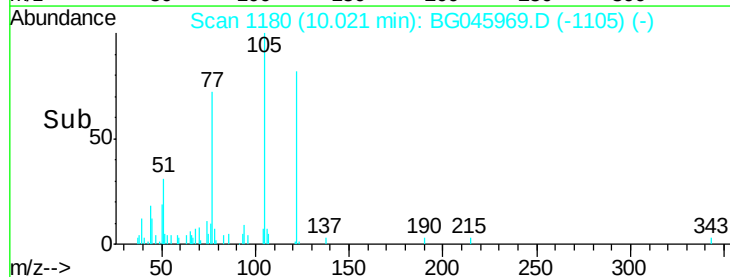
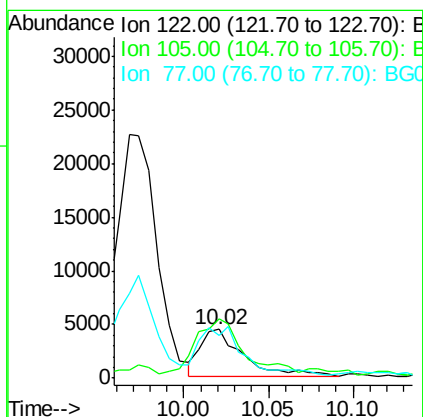
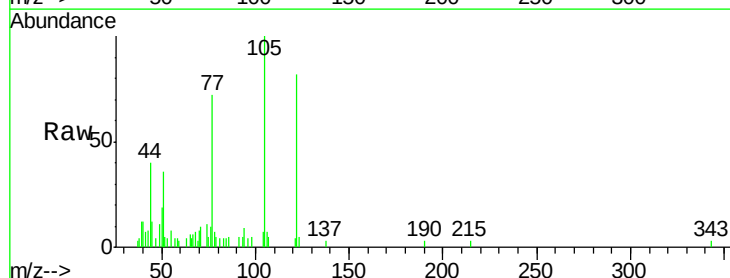
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

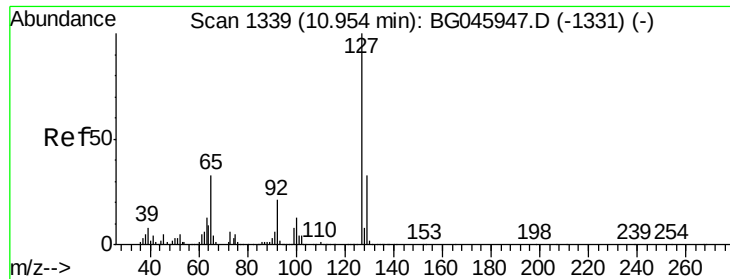
Tot Ion:128 Resp: 133682
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 11.7 11.8 17.6#



#32
Benzoic acid
Concen: 1.875 ng
RT: 10.02 min Scan# 1180
Delta R.T. -0.09 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:122 Resp: 7780
Ion Ratio Lower Upper
122 100
105 121.6 110.8 150.8
77 87.5 76.4 116.4

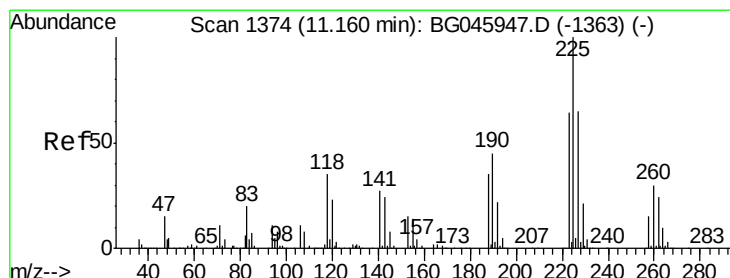
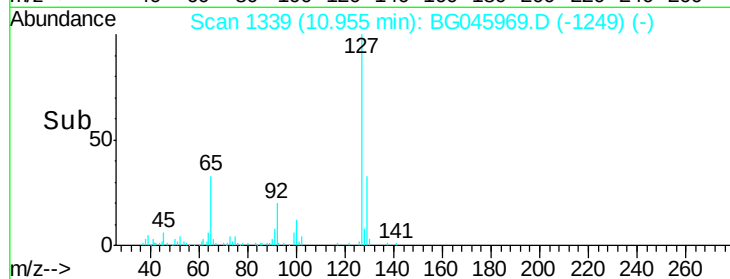
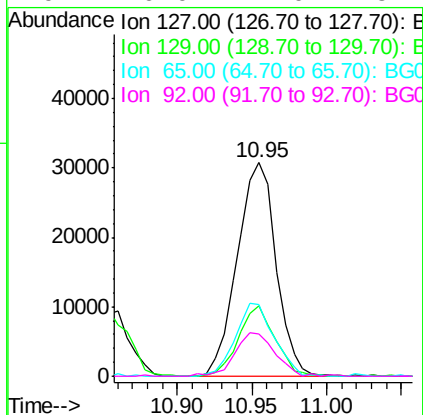
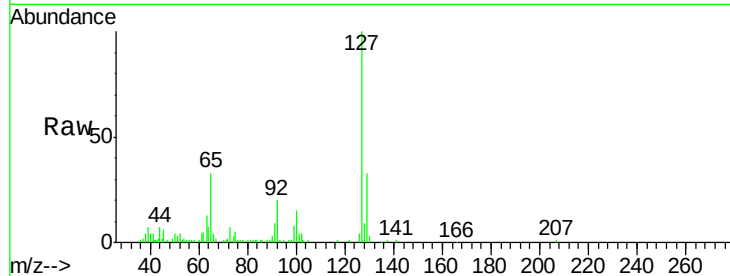




#33
4-Chloroaniline
Concen: 4.559 ng
RT: 10.95 min Scan# 1339
Delta R.T. 0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

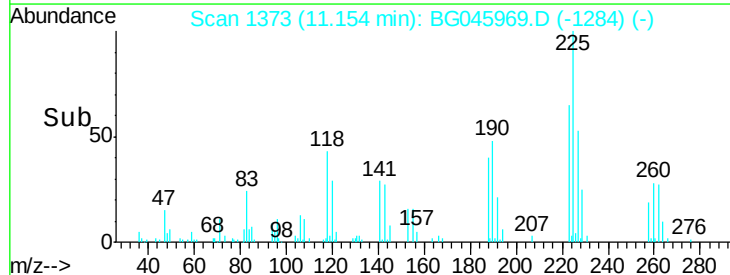
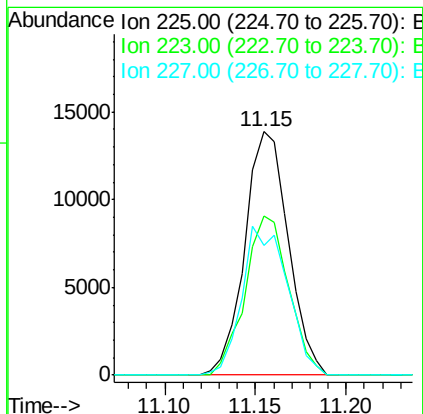
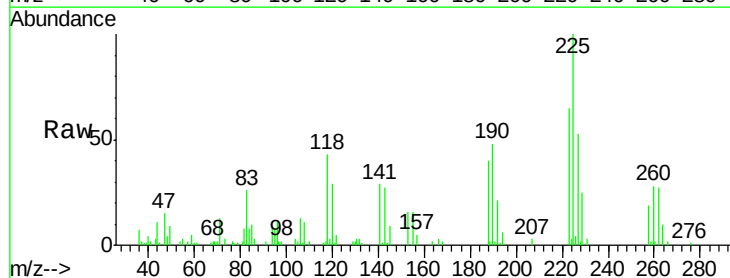
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

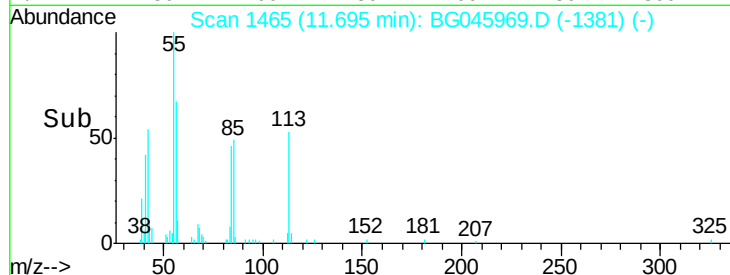
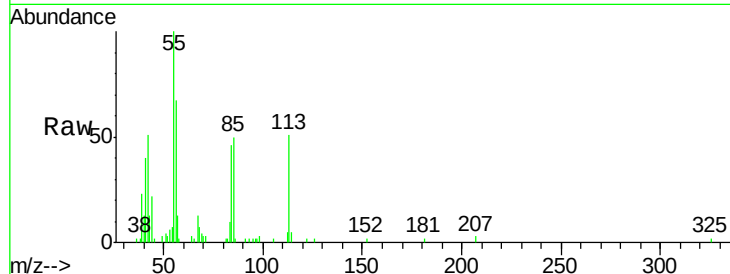
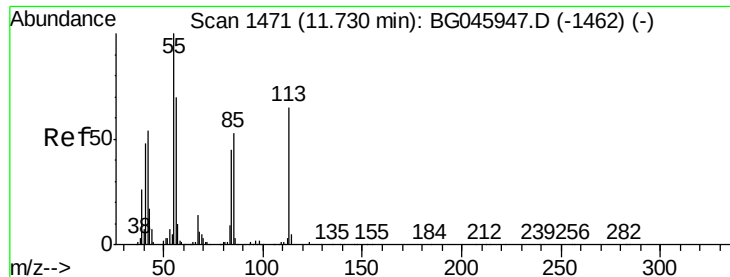
Tot Ion:127	Resp:	55442
Ion Ratio	Lower	Upper
127	100	
129	32.7	26.6 39.8
65	33.5	26.8 40.2
92	20.0	17.0 25.4



#34
Hexachlorobutadiene
Concen: 4.505 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:225	Resp:	23120
Ion Ratio	Lower	Upper
225	100	
223	65.4	51.2 76.8
227	53.3	52.3 78.5

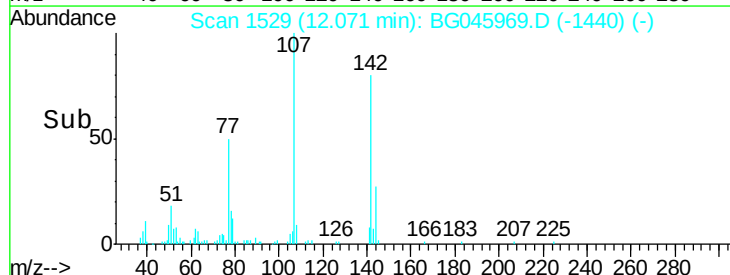
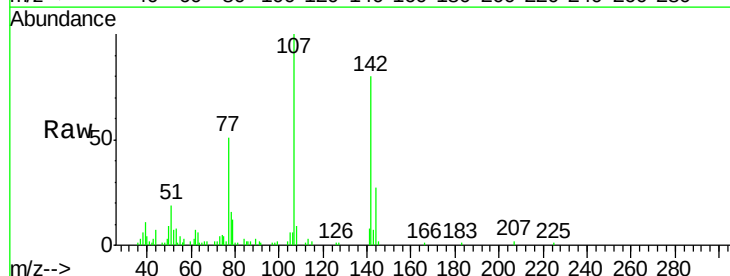
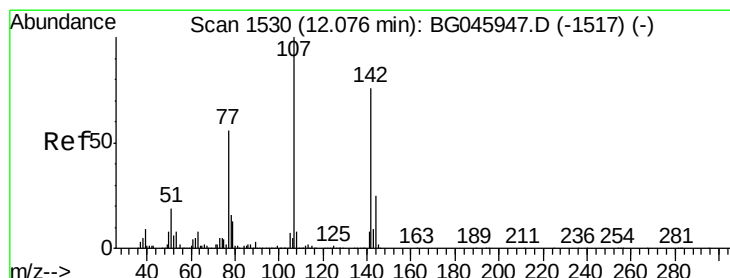
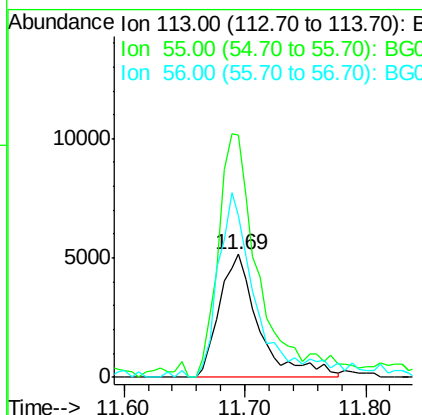




#35
Caprolactam
Concen: 3.875 ng
RT: 11.69 min Scan# 1465
Delta R.T. -0.03 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

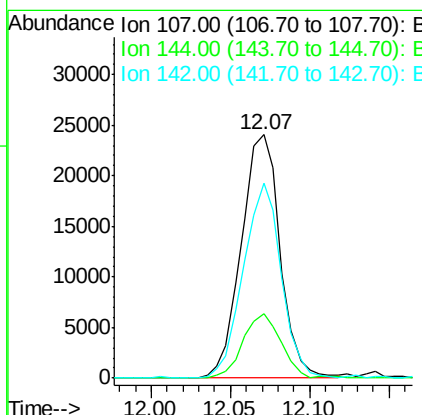
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

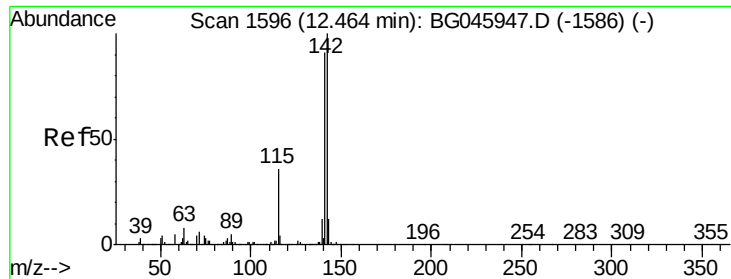
Tot Ion:113 Resp: 11672
Ion Ratio Lower Upper
113 100
55 196.7 141.6 181.6#
56 131.3 89.6 129.6#



#36
4-Chloro-3-methylphenol
Concen: 4.531 ng
RT: 12.07 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:107 Resp: 40940
Ion Ratio Lower Upper
107 100
144 26.7 20.0 30.0
142 80.0 61.1 91.7

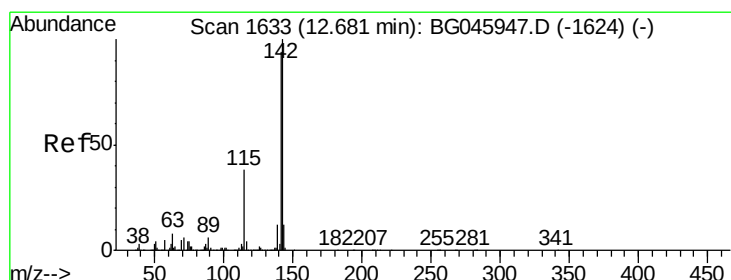
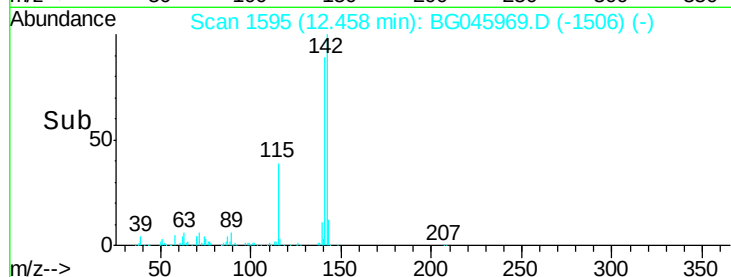
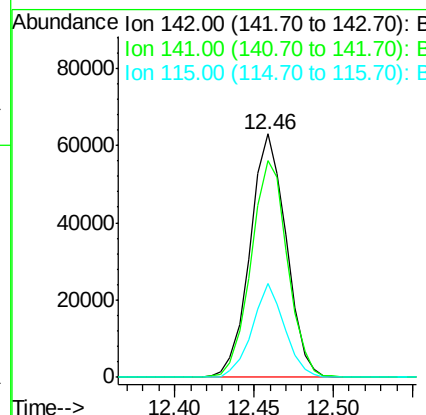
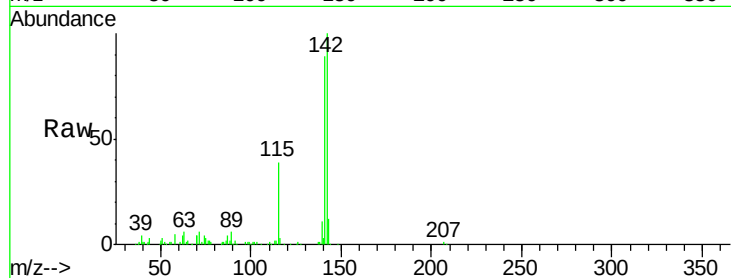




#37
2-Methylnaphthalene
Concen: 5.149 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

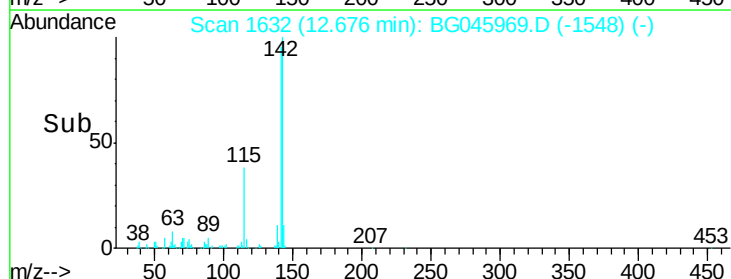
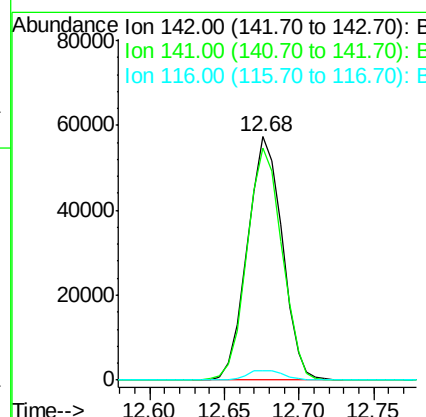
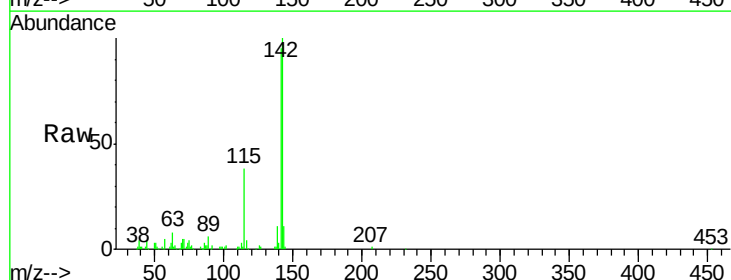
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

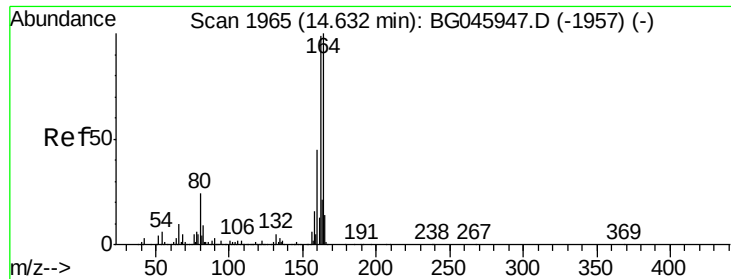
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	73.0	109.6
115	38.7	28.8	43.2



#38
1-Methylnaphthalene
Concen: 5.065 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.4	75.2	112.8
116	3.8	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

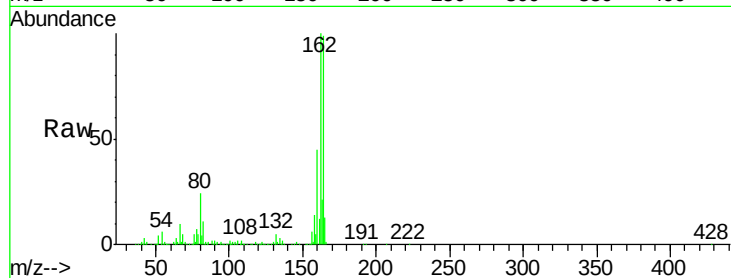
Tot Ion:164 Resp: 291630

Ion Ratio Lower Upper

164 100

162 101.5 79.3 118.9

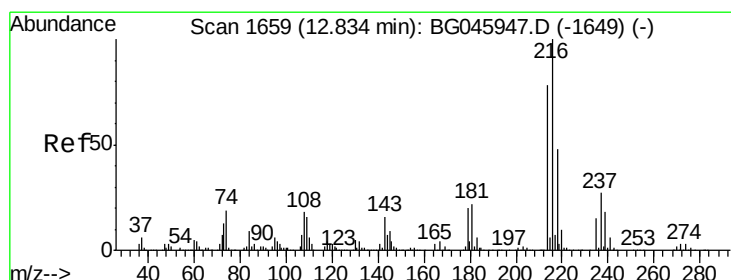
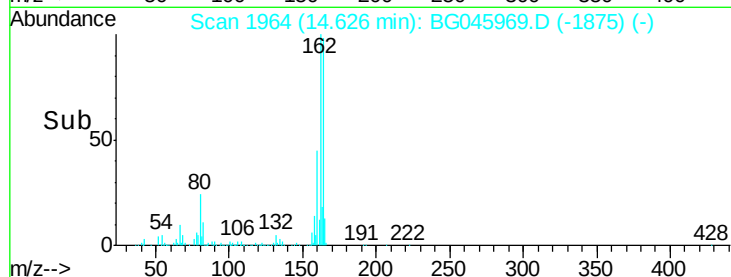
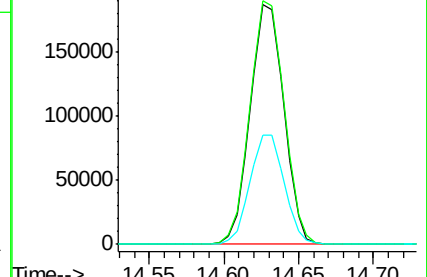
160 45.3 35.7 53.5



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: 5.391 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Tgt Ion:216 Resp: 44317

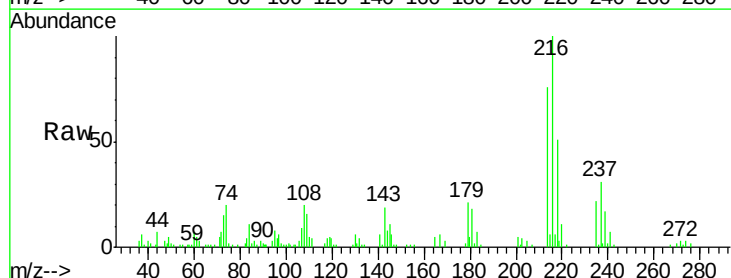
Ion Ratio Lower Upper

216 100

214 78.6 63.0 94.4

179 20.5 17.0 25.6

108 22.1 17.3 25.9

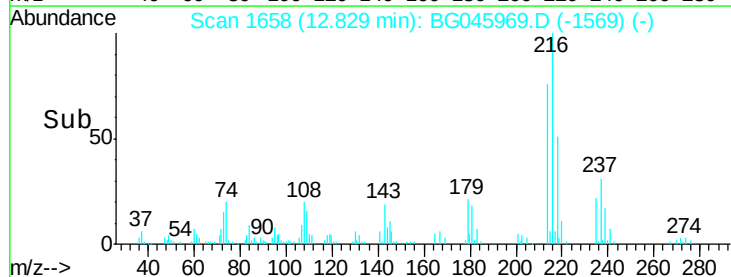
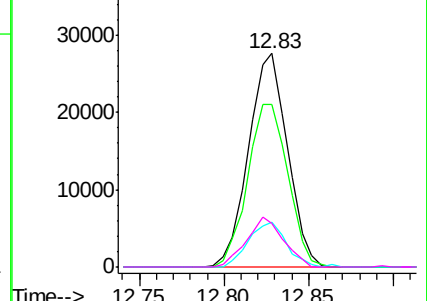


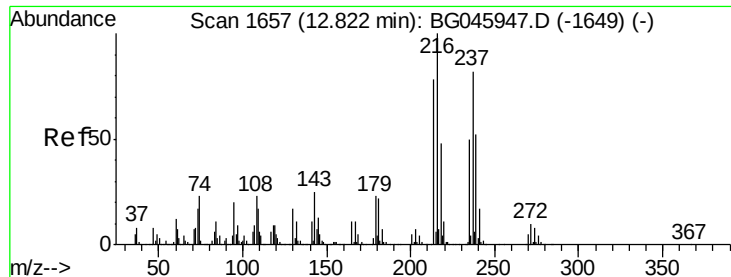
Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.067 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

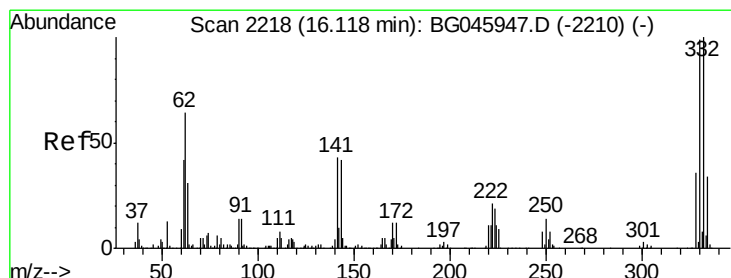
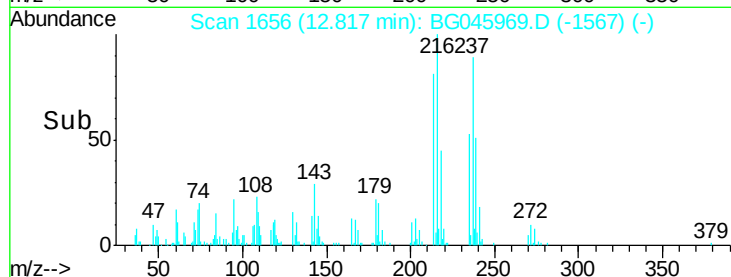
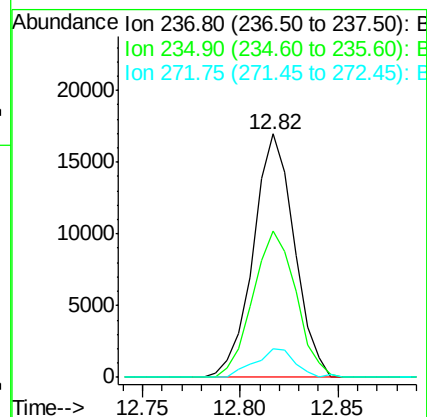
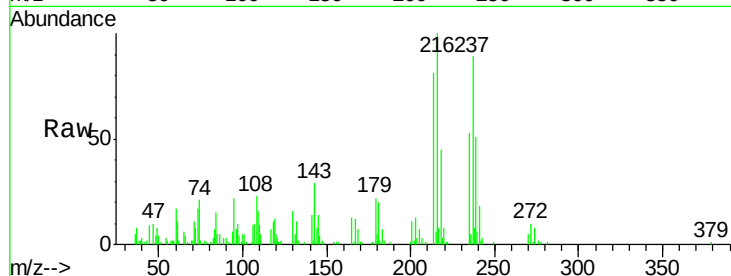
Tot Ion:237 Resp: 24718

Ion Ratio Lower Upper

237 100

235 60.1 41.5 81.5

272 11.8 0.0 31.7



#42

2,4,6-Tribromophenol

Concen: 175.152 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

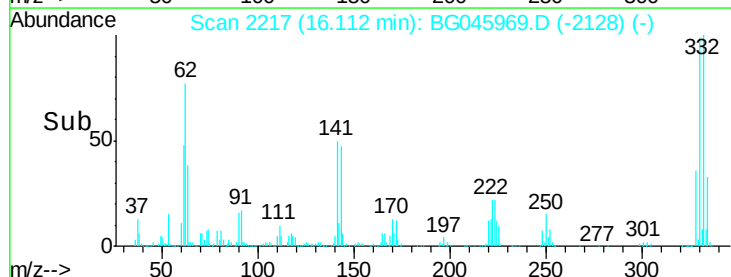
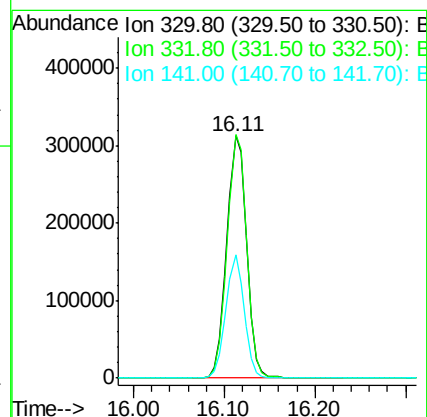
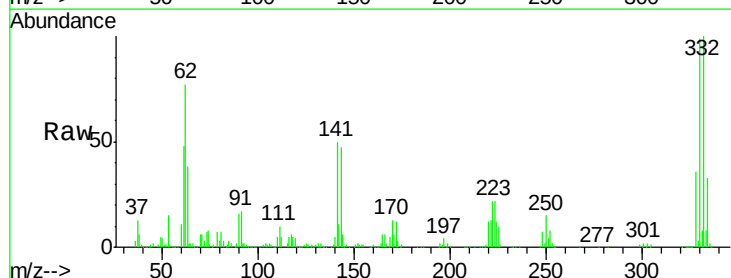
Tgt Ion:330 Resp: 474072

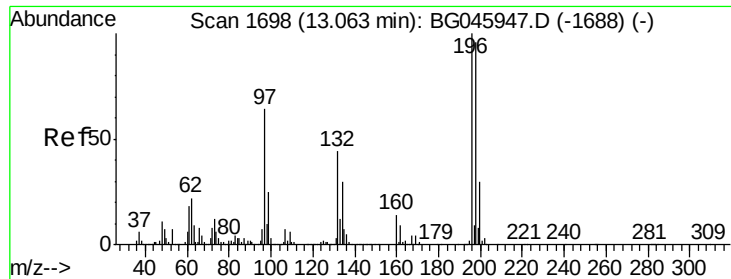
Ion Ratio Lower Upper

330 100

332 98.7 78.3 117.5

141 47.2 36.6 54.8

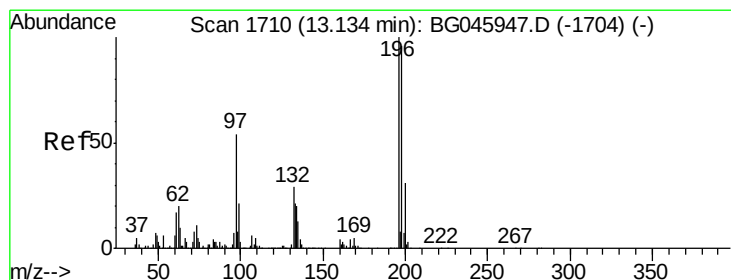
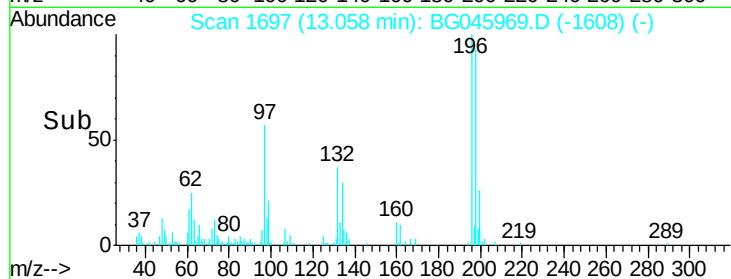
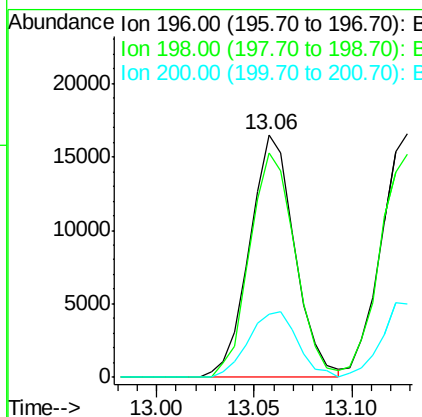
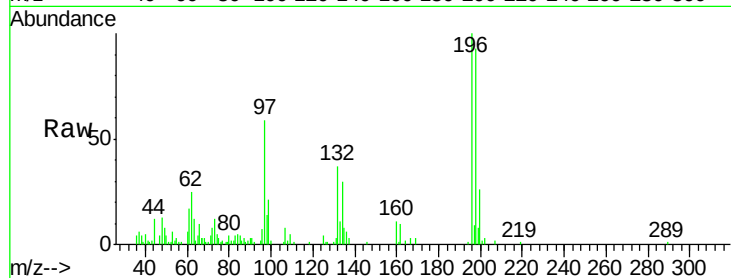




#43
 2,4,6-Trichlorophenol
 Concen: 4.746 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

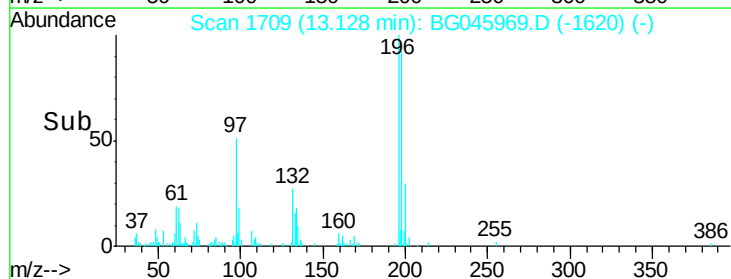
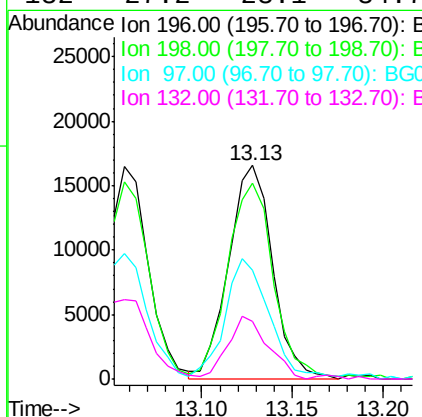
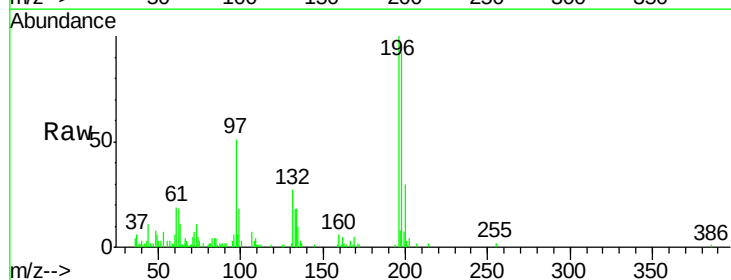
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

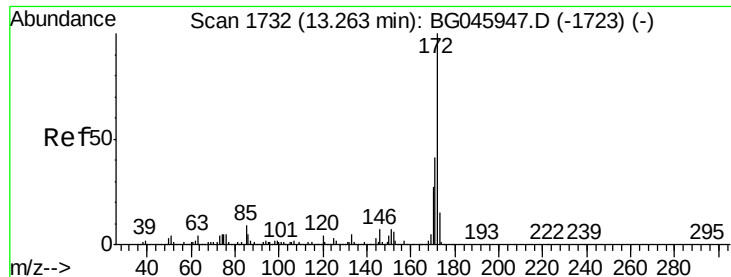
Tot Ion:196 Resp: 26386
 Ion Ratio Lower Upper
 196 100
 198 92.7 76.7 115.1
 200 25.9 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 4.460 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion:196 Resp: 28034
 Ion Ratio Lower Upper
 196 100
 198 91.8 77.0 115.6
 97 50.8 44.3 66.5
 132 27.2 23.1 34.7

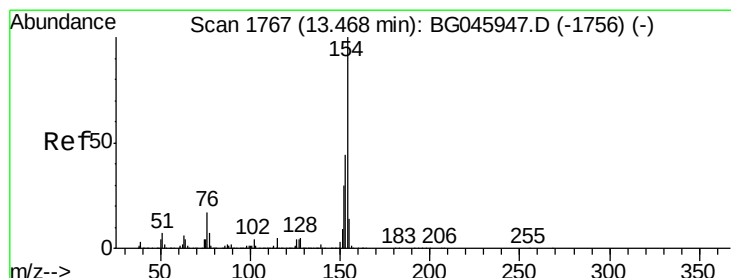
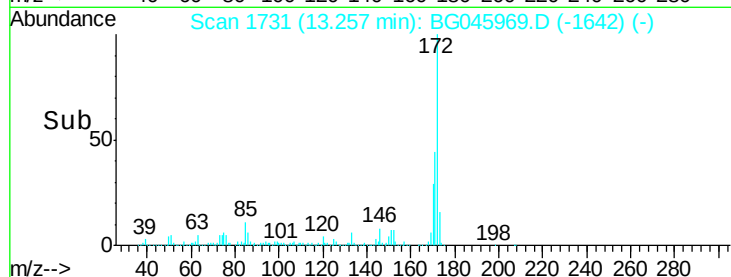
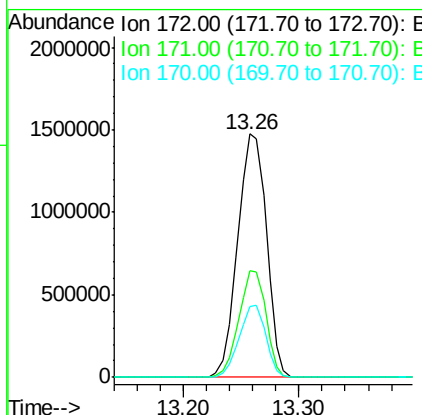
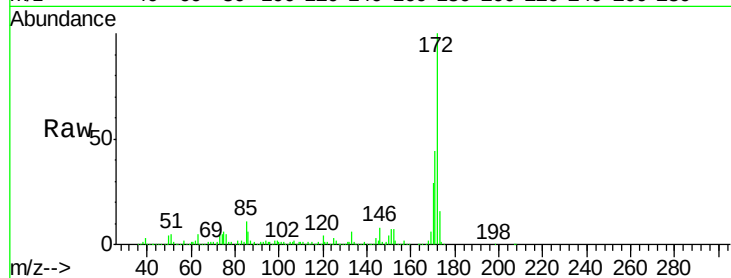




#45
2-Fluorobiphenyl
Concen: 136.193 ng
RT: 13.26 min Scan# 1731
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

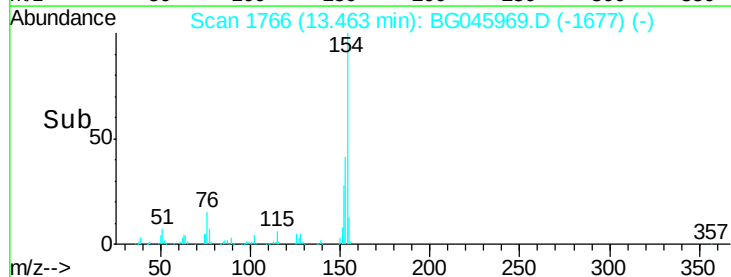
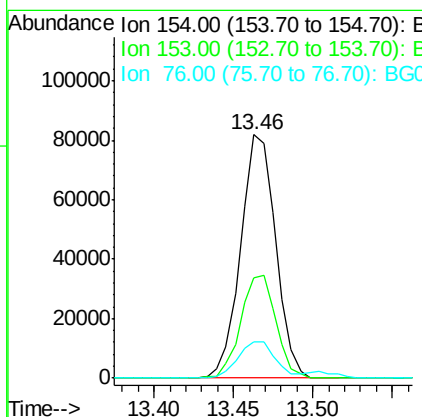
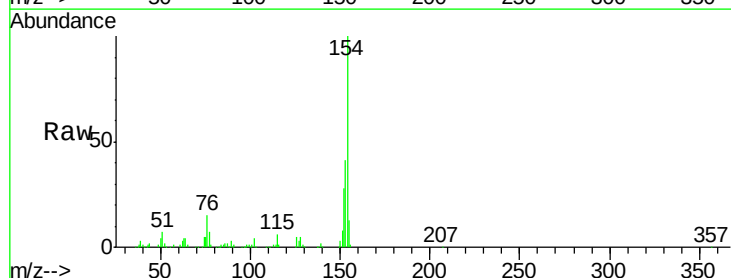
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

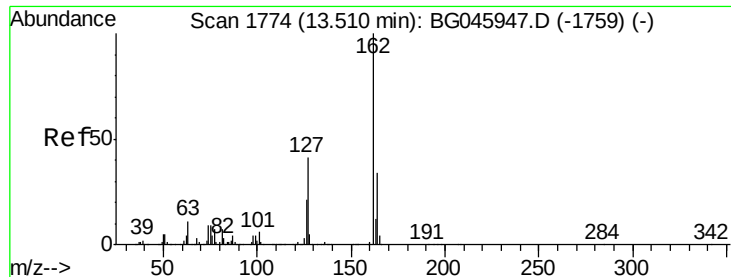
Tot Ion:172 Resp: 2546307
Ion Ratio Lower Upper
172 100
171 43.6 32.9 49.3
170 29.3 21.8 32.6



#46
1,1'-Biphenyl
Concen: 5.713 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:154 Resp: 125336
Ion Ratio Lower Upper
154 100
153 41.4 23.6 63.6
76 15.0 0.0 36.9

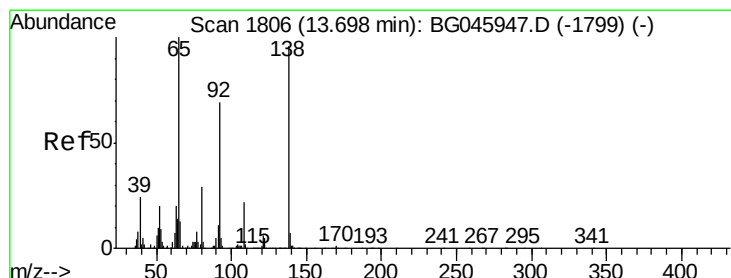
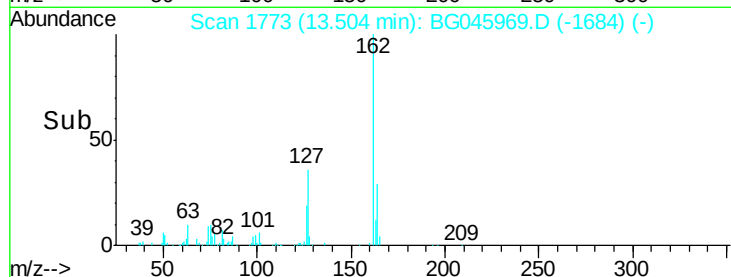
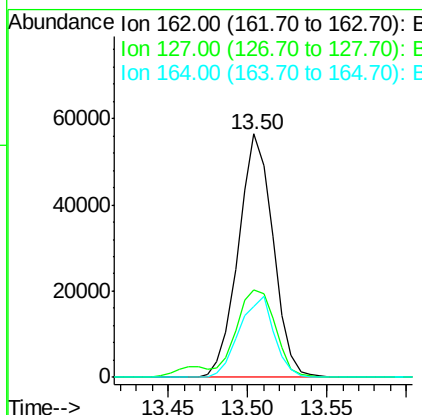
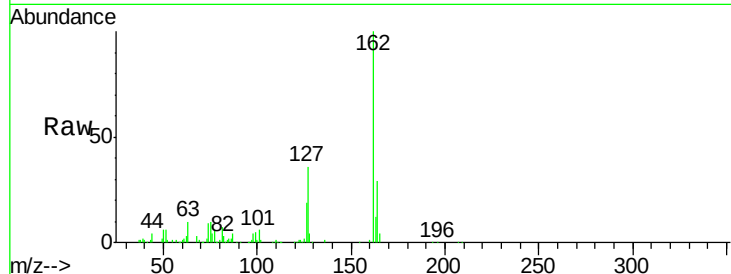




#47
2-Chloronaphthalene
Concen: 4.950 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

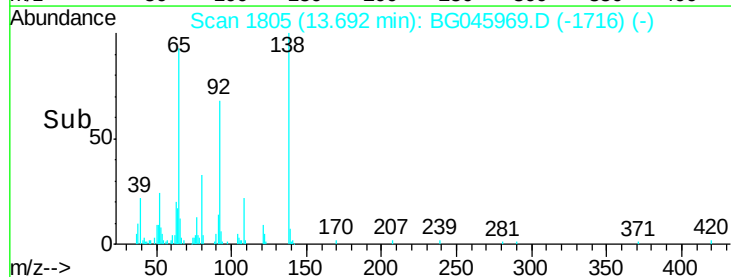
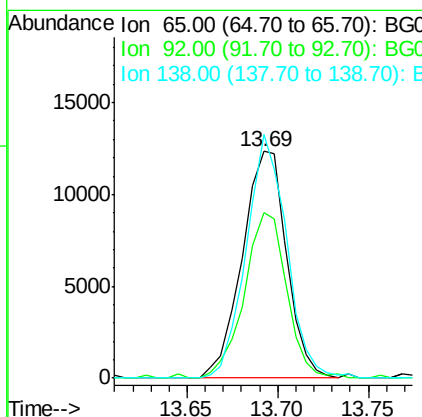
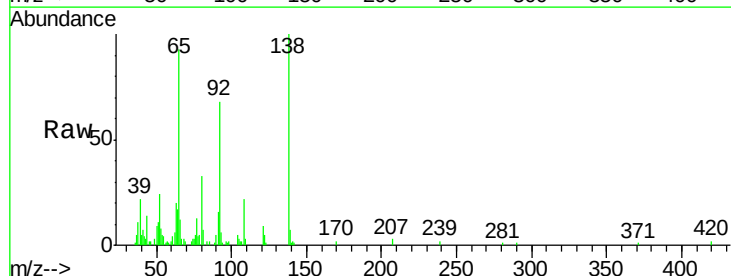
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

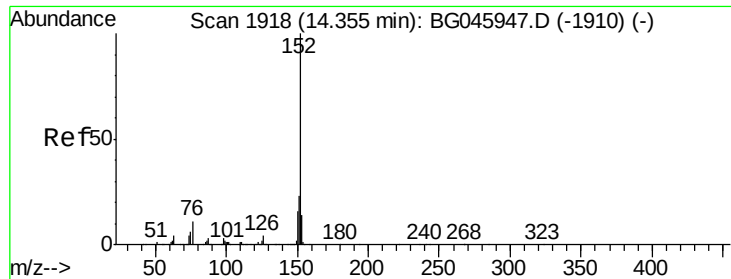
Tot Ion	Ratio	Lower	Upper
162	100		
127	36.1	32.5	48.7
164	28.9	27.2	40.8



#48
2-Nitroaniline
Concen: 5.192 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.7	55.4	83.0
138	107.3	77.0	115.4





#49

Acenaphthylene

Concen: 5.298 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

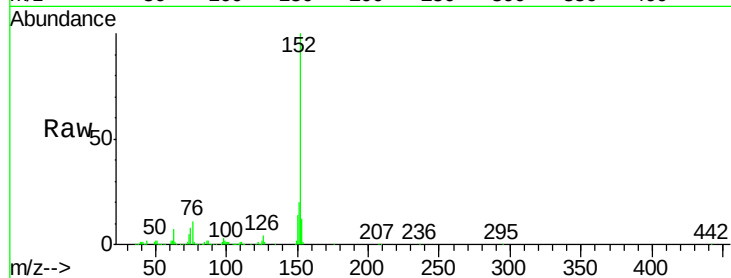
Tot Ion:152 Resp: 147965

Ion Ratio Lower Upper

152 100

151 19.6 18.1 27.1

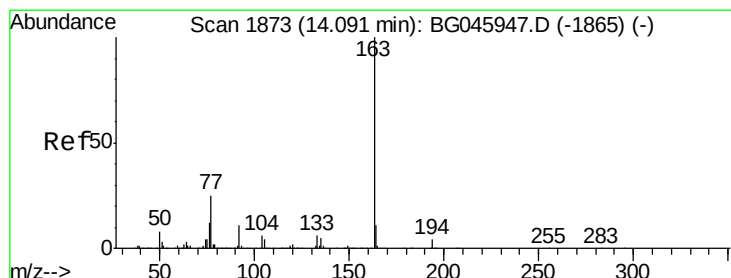
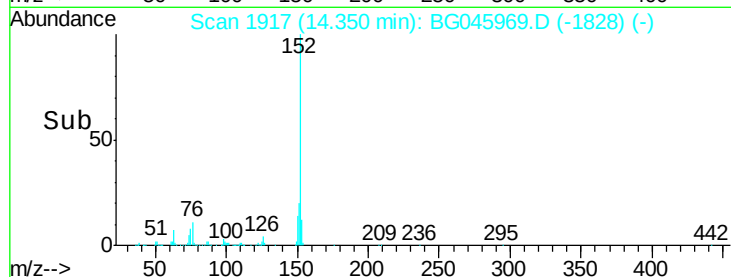
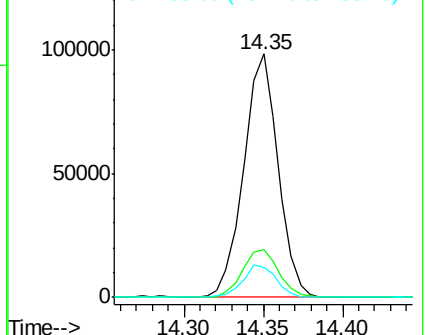
153 12.5 11.5 17.3



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: 5.044 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

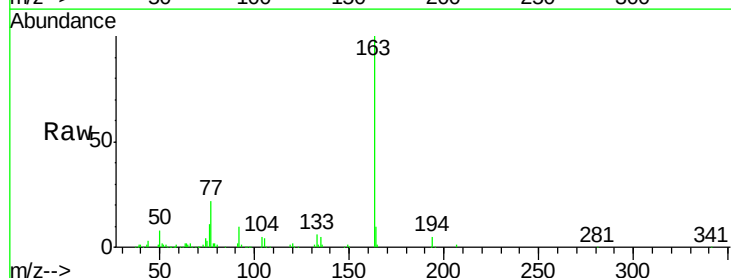
Tgt Ion:163 Resp: 110397

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

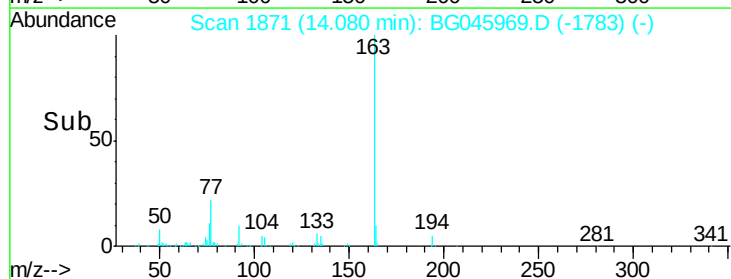
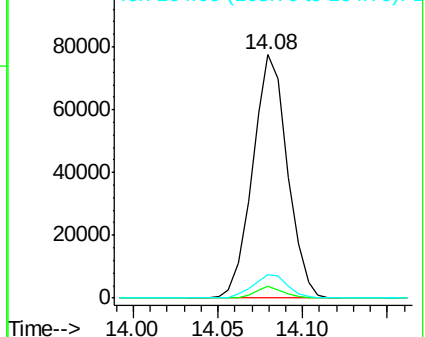
164 9.5 8.9 13.3

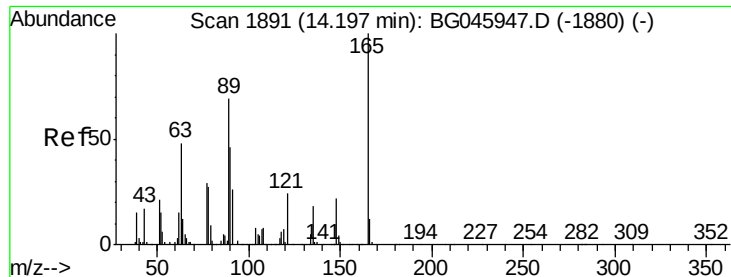


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

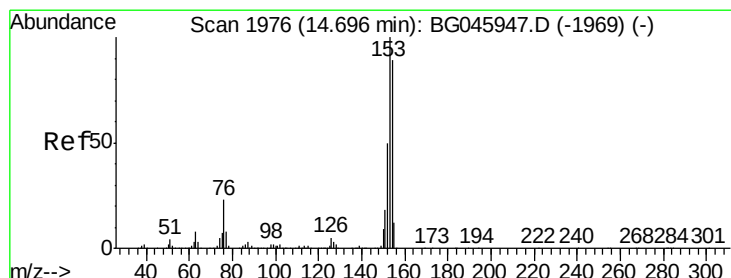
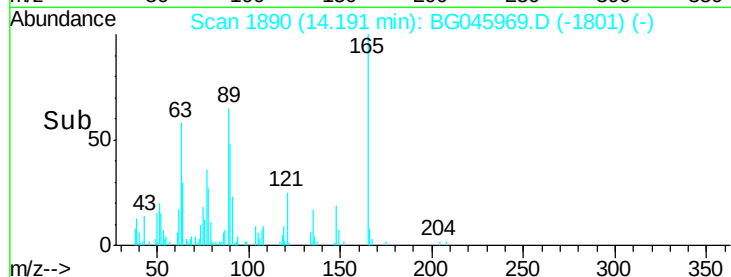
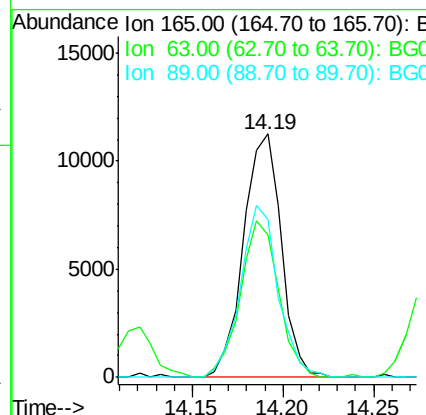
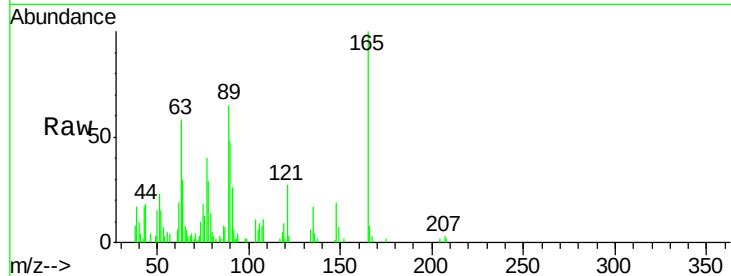




#51
2,6-Dinitrotoluene
Concen: 4.807 ng
RT: 14.19 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

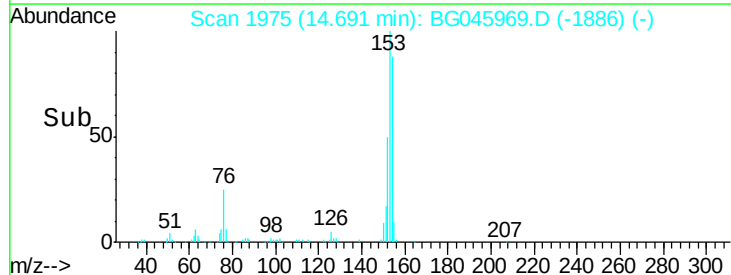
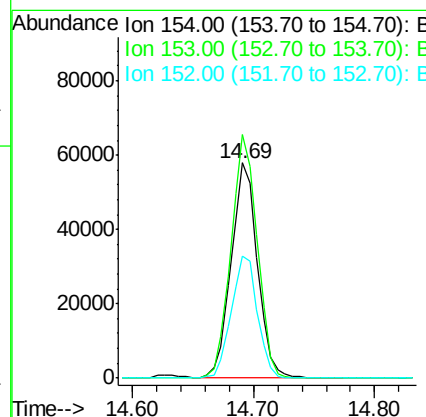
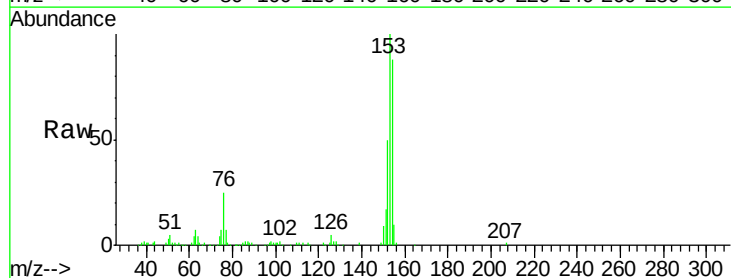
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

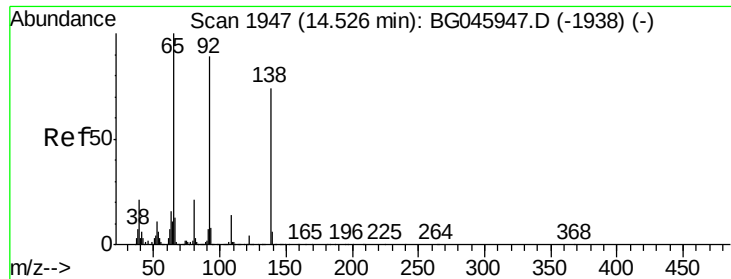
Tot Ion:165 Resp: 16323
Ion Ratio Lower Upper
165 100
63 58.5 51.0 76.4
89 64.8 55.7 83.5



#52
Acenaphthene
Concen: 4.973 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:154 Resp: 87610
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 56.8 44.7 67.1





#53

3-Nitroaniline

Concen: 4.274 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

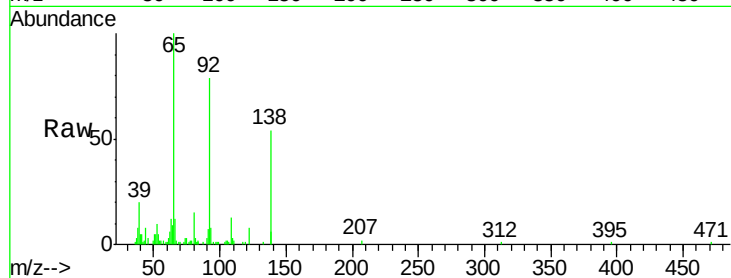
Tot Ion:138 Resp: 17988

Ion Ratio Lower Upper

138 100

108 24.2 15.4 23.2#

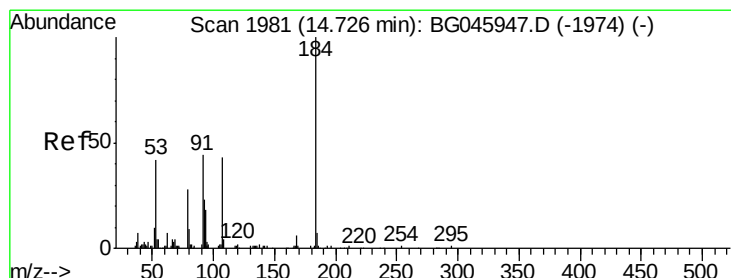
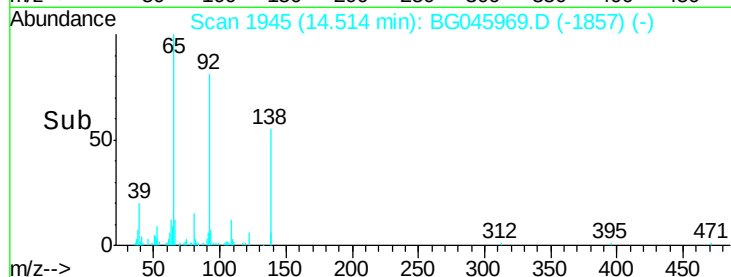
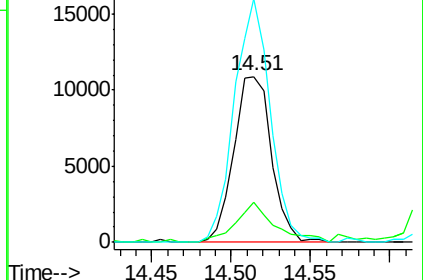
92 147.0 95.9 143.9#



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 2.979 ng

RT: 14.71 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

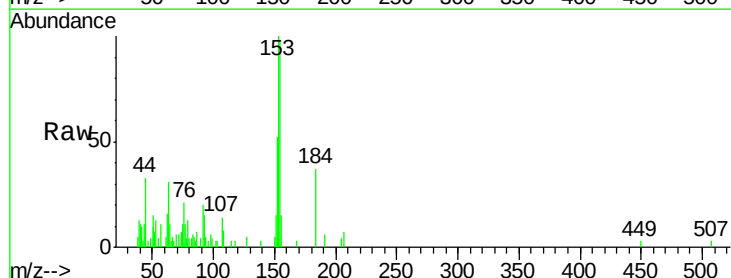
Tgt Ion:184 Resp: 3569

Ion Ratio Lower Upper

184 100

63 84.8 46.0 69.0#

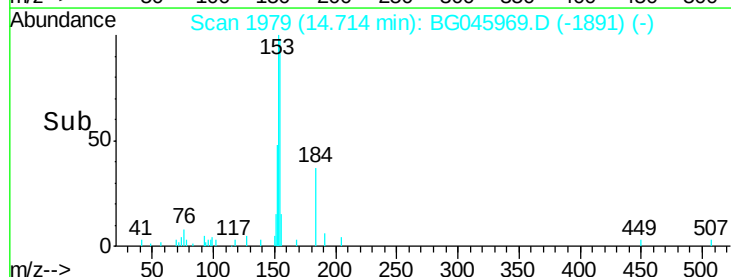
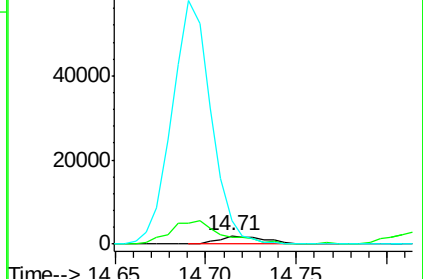
154 264.2 58.2 87.2#

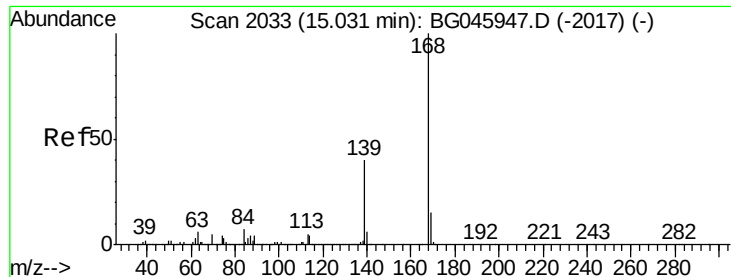


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

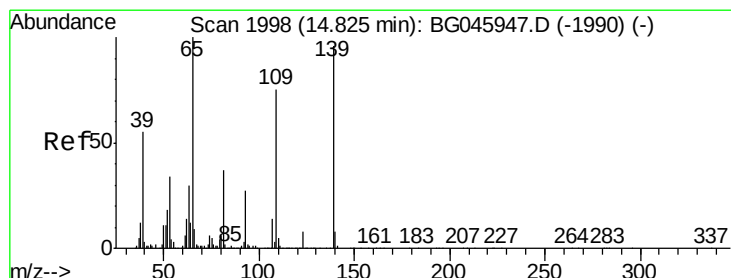
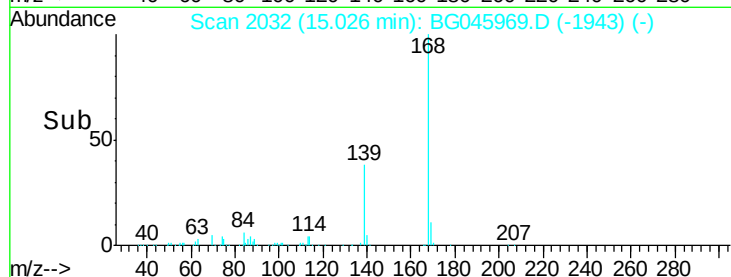
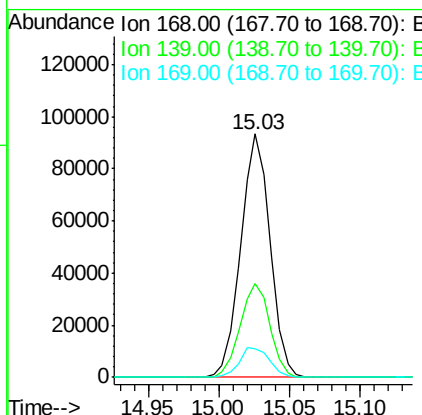
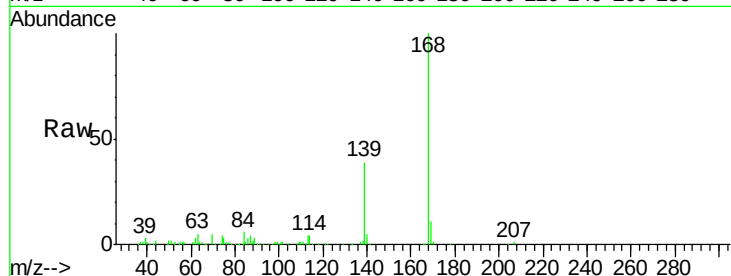




#55
Dibenzofuran
Concen: 5.237 ng
RT: 15.03 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

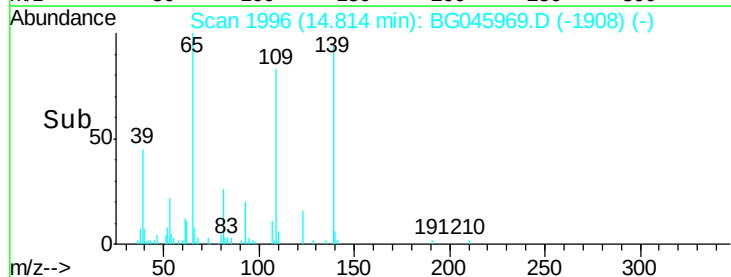
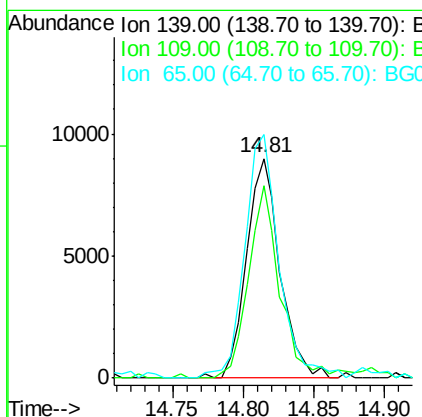
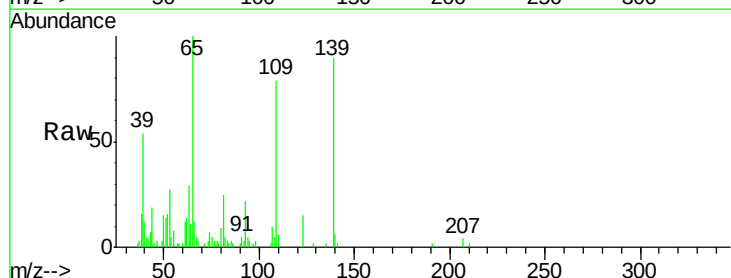
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

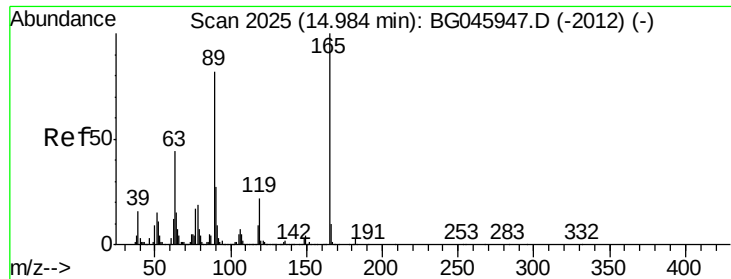
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	32.2	48.2
169	11.5	11.8	17.8#



#56
4-Nitrophenol
Concen: 4.180 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
139	100		
109	87.4	58.5	98.5
65	110.8	84.7	124.7

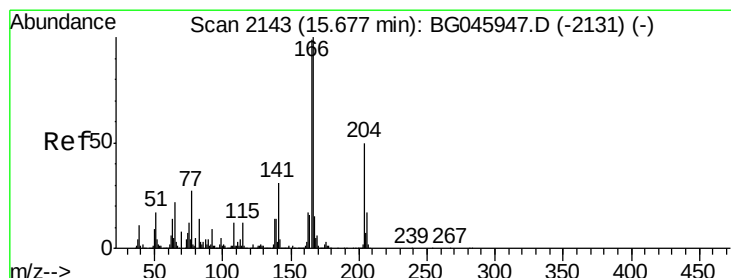
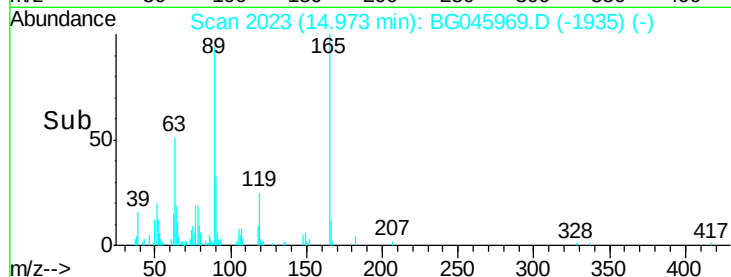
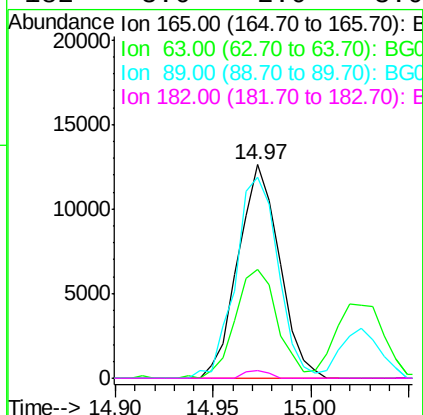
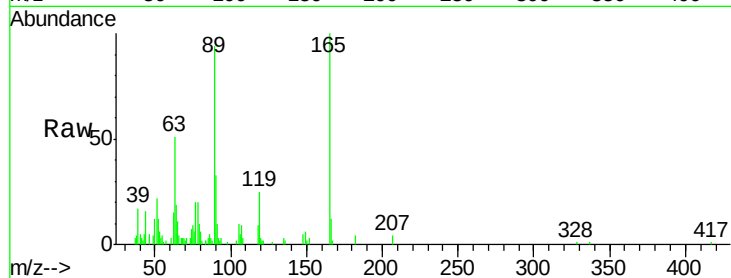




#57
 2,4-Dinitrotoluene
 Concen: 4.429 ng
 RT: 14.97 min Scan# 2023
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

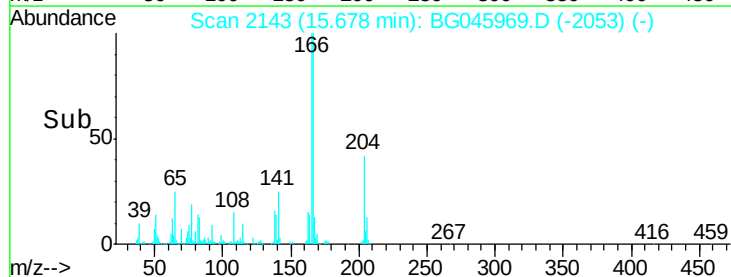
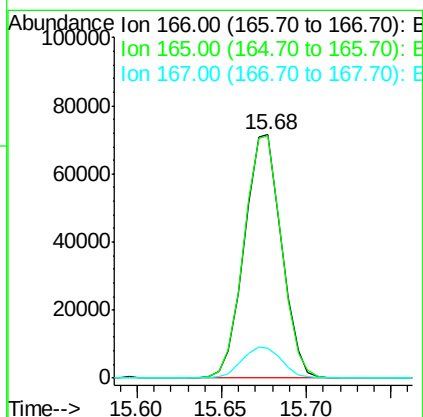
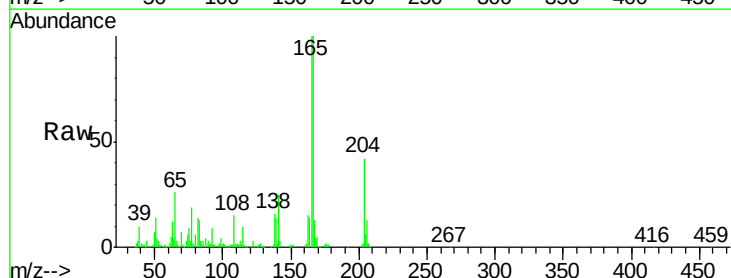
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

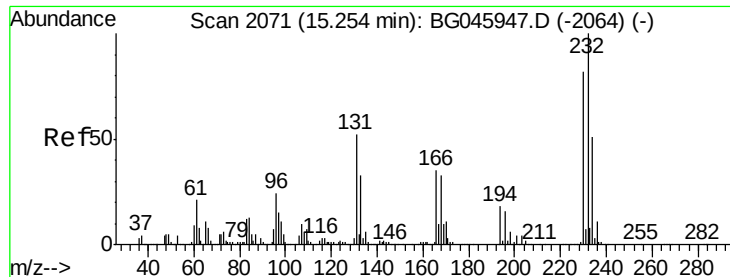
Tot Ion	Ratio	Lower	Upper
165	100		
63	50.7	35.4	53.0
89	94.1	65.4	98.2
182	3.6	2.0	3.0



#58
 Fluorene
 Concen: 5.167 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	78.9	118.3
167	12.5	12.1	18.1

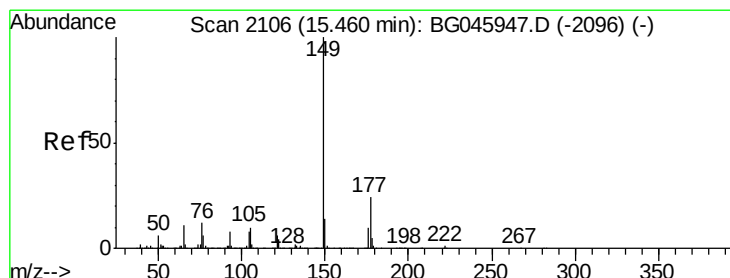
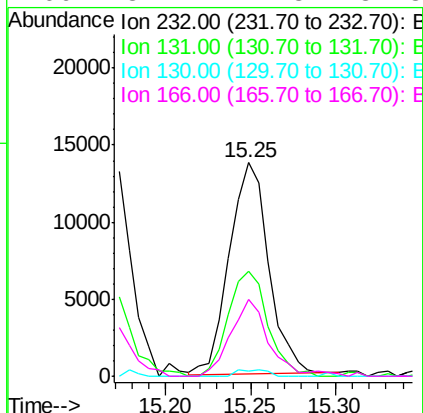
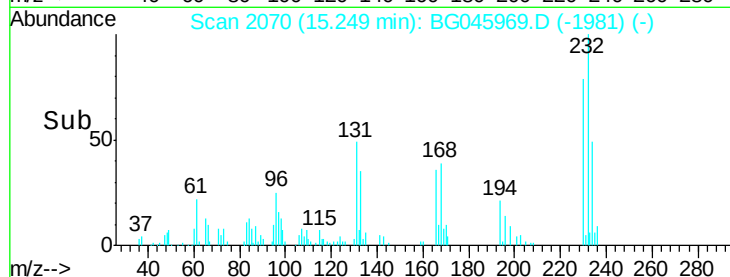
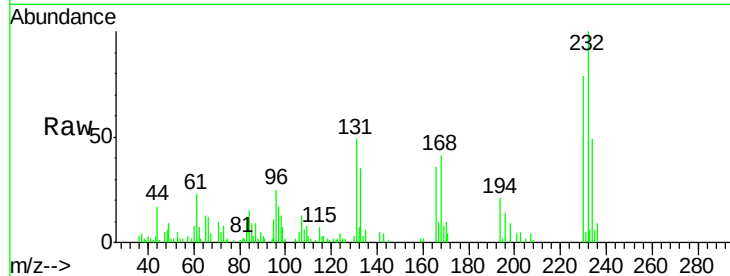




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.559 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

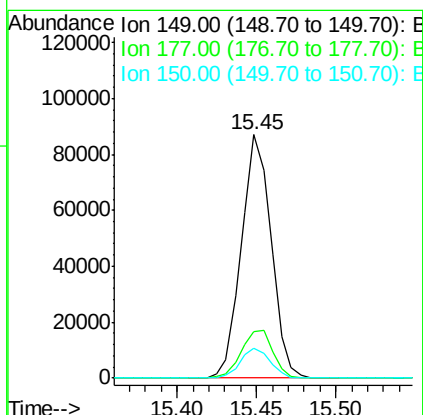
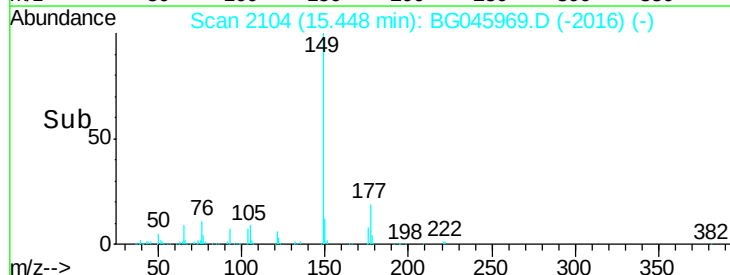
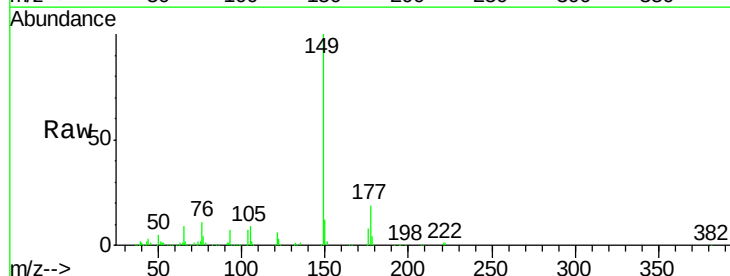
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

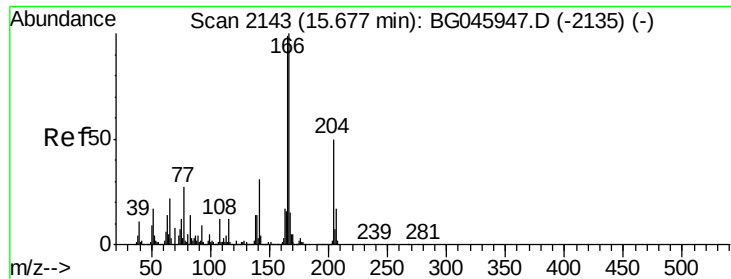
Tot Ion:232	Resp:	22128
Ion Ratio	Lower	Upper
232	100	
131	50.3	35.8 53.6
130	2.4	2.5 3.7#
166	34.2	21.8 32.8#



#60
 Diethylphthalate
 Concen: 4.956 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion:149	Resp:	113745
Ion Ratio	Lower	Upper
149	100	
177	19.2	19.0 28.4
150	12.0	11.0 16.4

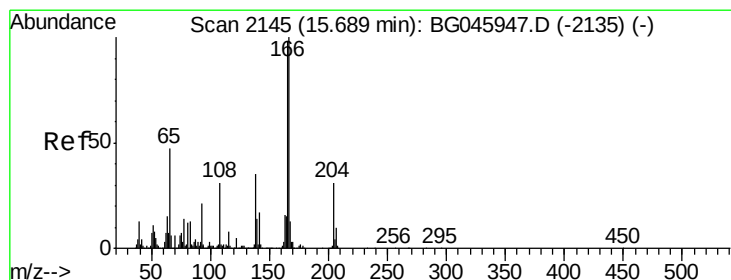
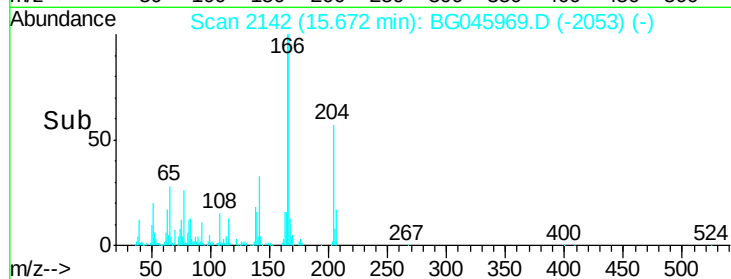
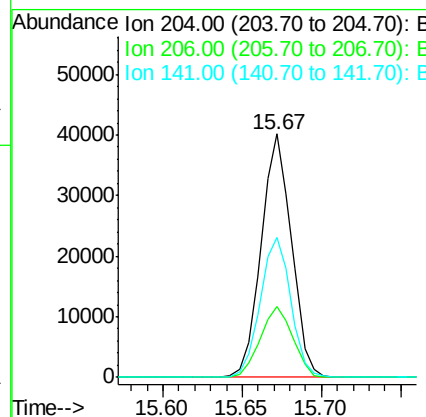
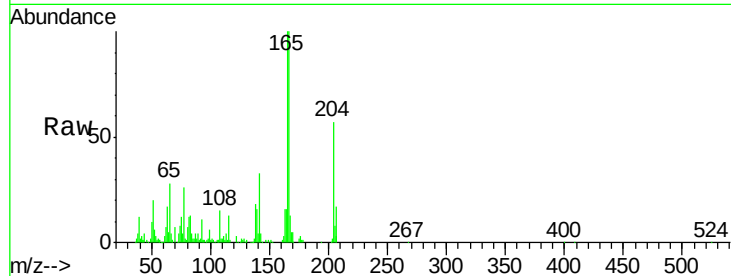




#61
4-Chlorophenyl-phenylether
Concen: 5.080 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

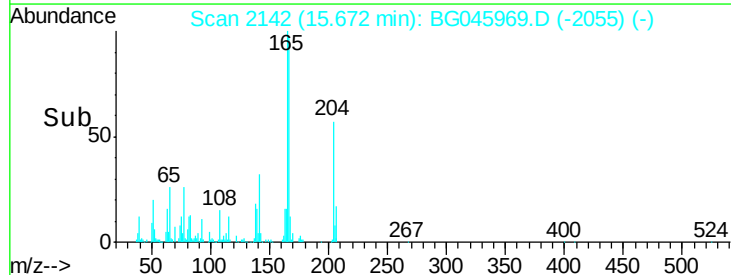
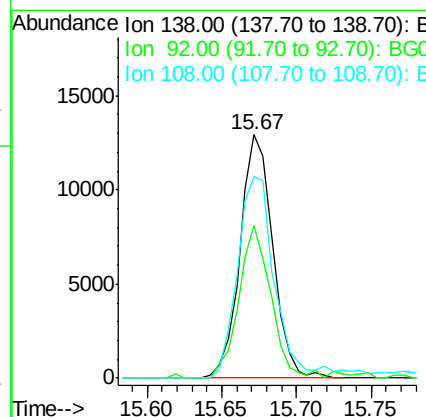
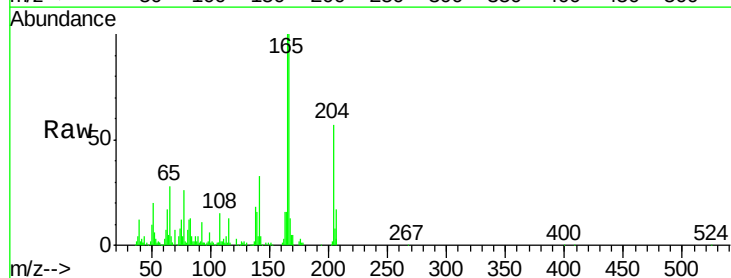
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

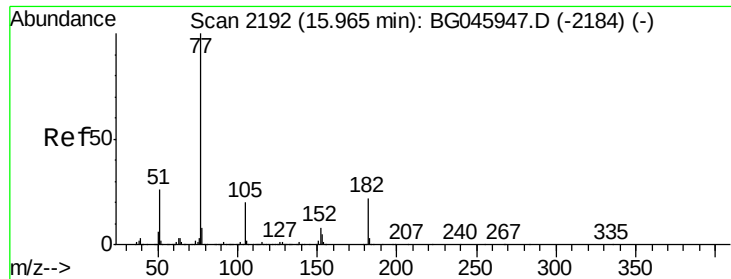
Tot Ion:204 Resp: 53536
Ion Ratio Lower Upper
204 100
206 29.2 27.1 40.7
141 57.4 49.8 74.8



#62
4-Nitroaniline
Concen: 4.347 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:138 Resp: 19662
Ion Ratio Lower Upper
138 100
92 62.6 40.3 80.3
108 82.9 68.0 108.0





#63

Azobenzene

Concen: 5.150 ng

RT: 15.97 min Scan# 2192

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 77 Resp: 126861

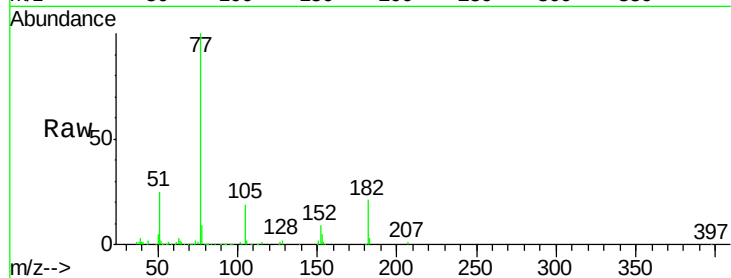
Ion Ratio Lower Upper

77 100

182 20.6 2.4 42.4

105 19.3 0.3 40.3

51 24.6 6.3 46.3

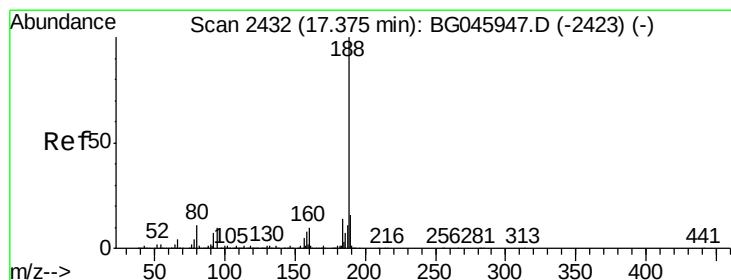
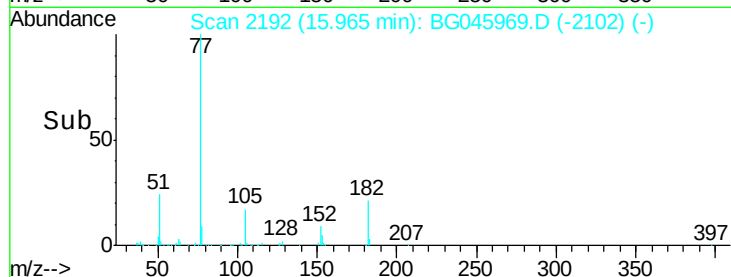
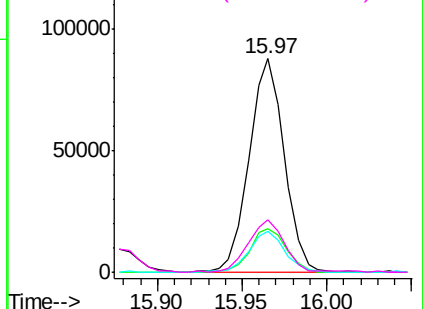


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045969.D

Acq: 7 Jul 2020 21:22

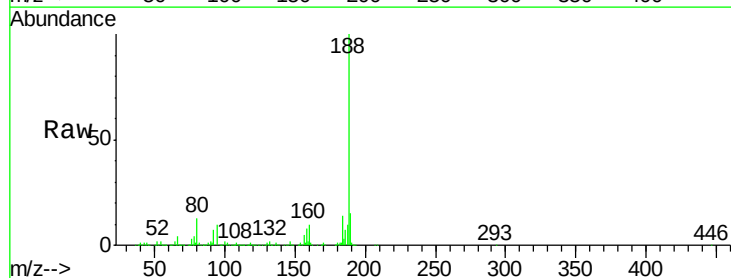
Tgt Ion: 188 Resp: 599644

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.4

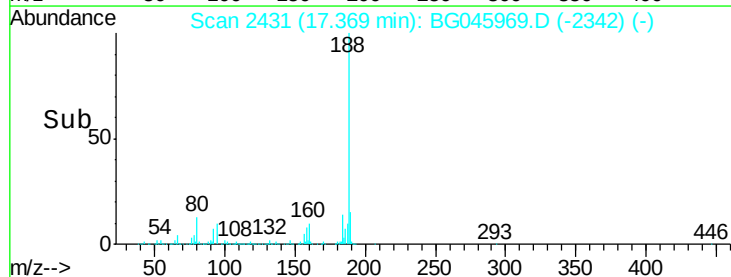
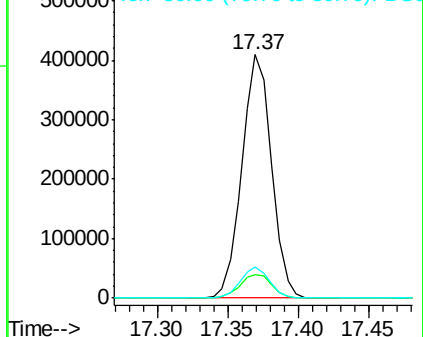
80 12.6 9.0 13.6

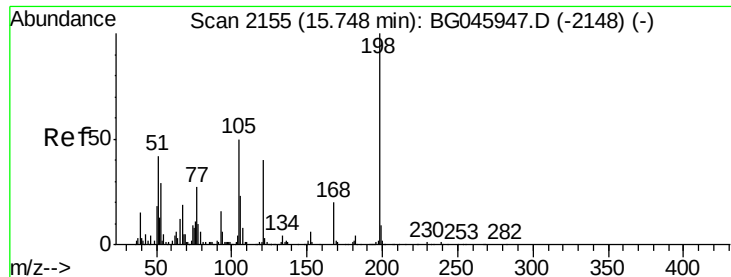


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 3.268 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

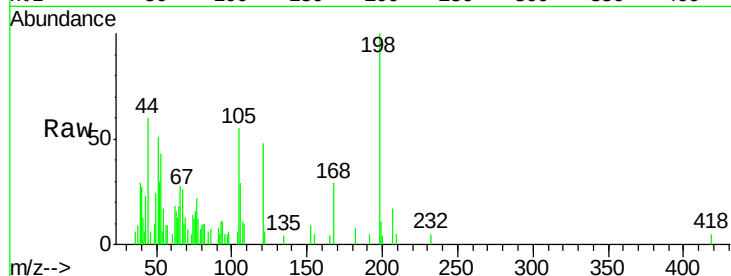
Tot Ion:198 Resp: 5740

Ion	Ratio	Lower	Upper
198	100		
51	50.9	24.5	64.5
105	54.5	30.9	70.9

198 100

51 50.9 24.5 64.5

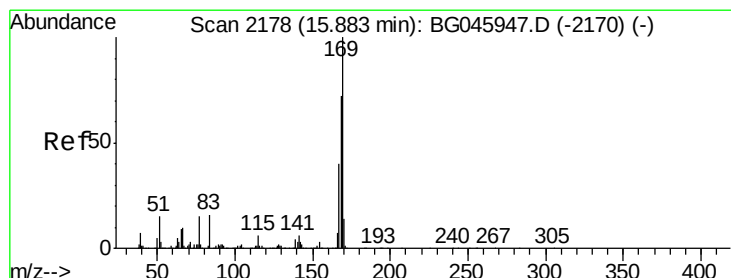
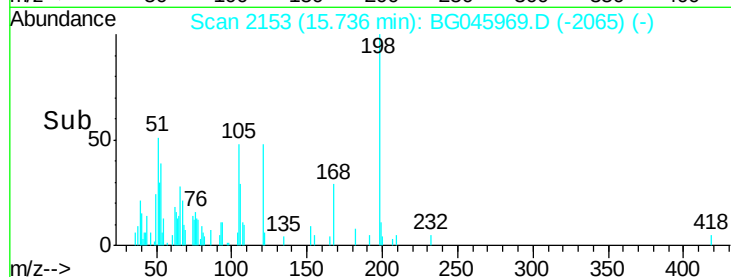
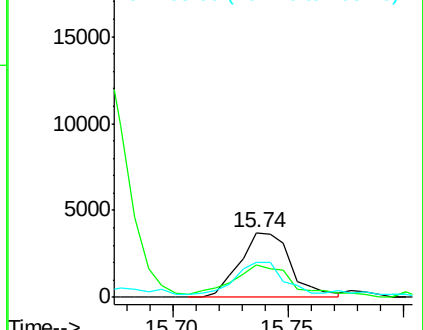
105 54.5 30.9 70.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG045947.D (-2148) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 5.155 ng

RT: 15.88 min Scan# 2178

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

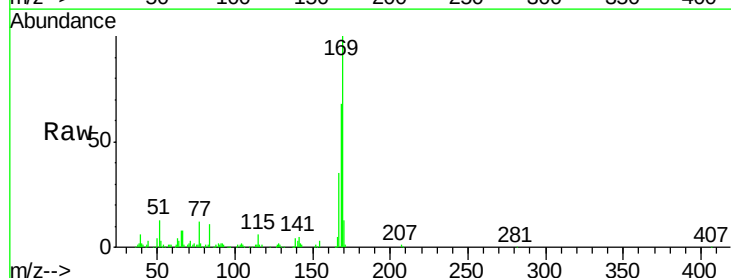
Tgt Ion:169 Resp: 95788

Ion	Ratio	Lower	Upper
169	100		
168	67.8	57.3	85.9
167	34.8	32.1	48.1

169 100

168 67.8 57.3 85.9

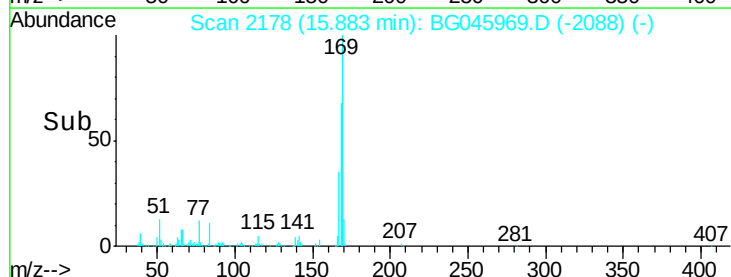
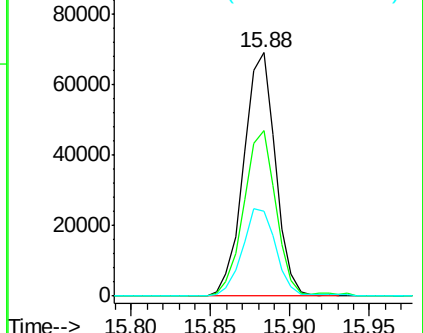
167 34.8 32.1 48.1

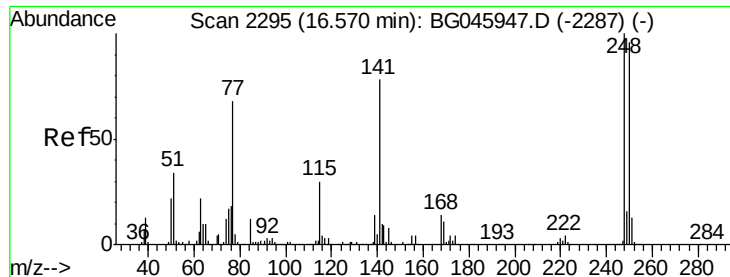


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

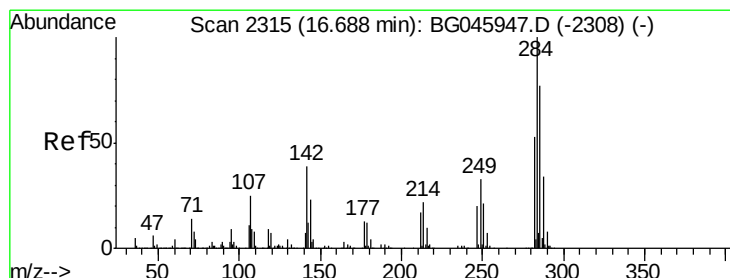
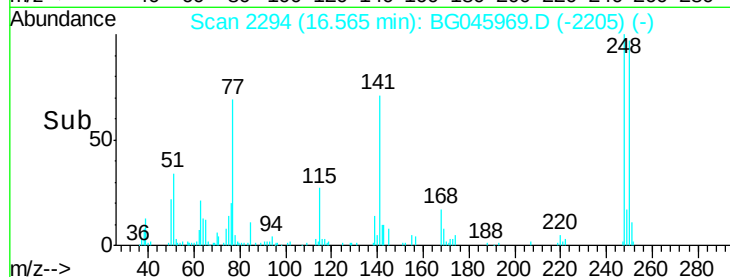
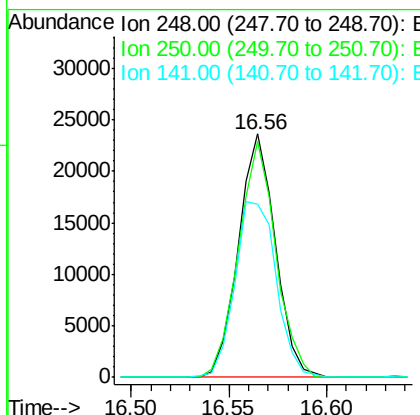
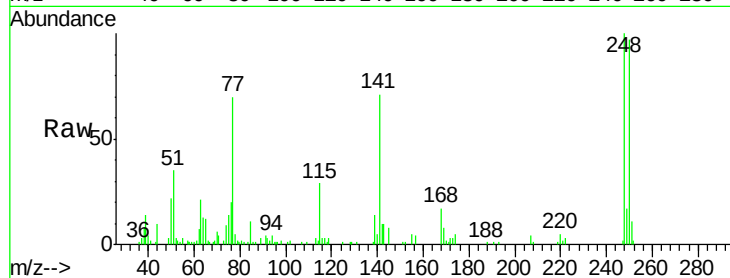




#67
4-Bromophenyl-phenylether
Concen: 4.612 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

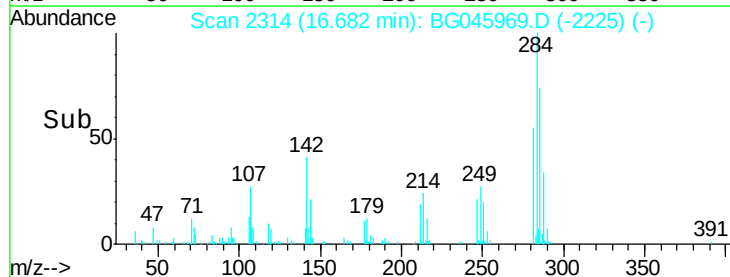
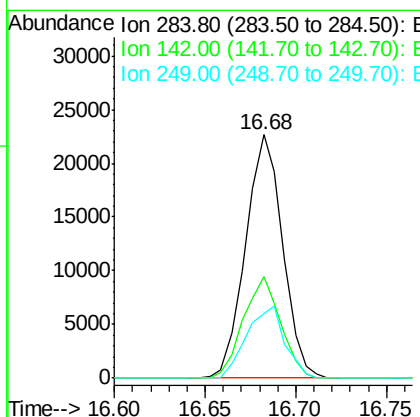
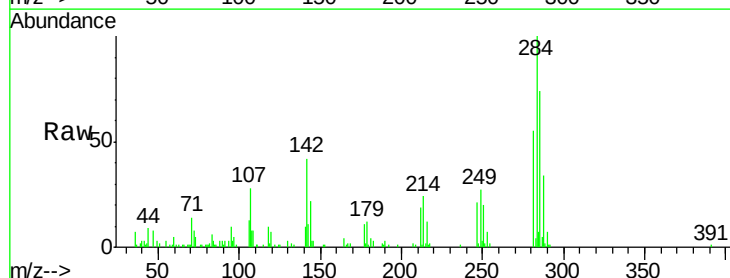
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

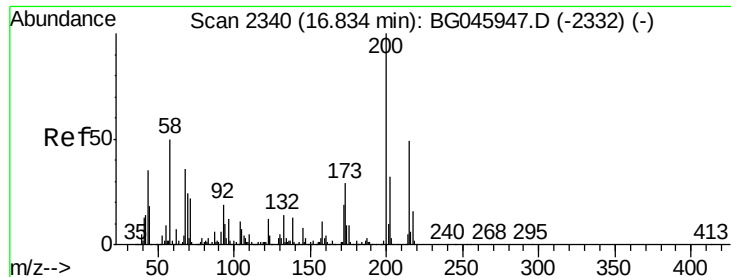
Tot Ion:248 Resp: 30889
Ion Ratio Lower Upper
248 100
250 97.0 76.6 114.8
141 71.1 62.7 94.1



#68
Hexachlorobenzene
Concen: 4.786 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion:284 Resp: 32166
Ion Ratio Lower Upper
284 100
142 41.6 31.3 46.9
249 26.6 26.8 40.2#





#69

Atrazine

Concen: 5.705 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

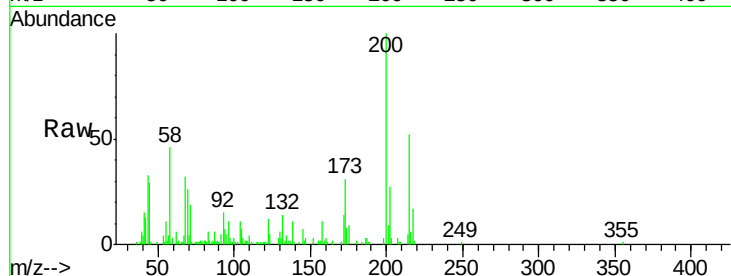
Tot Ion:200 Resp: 31341

Ion Ratio Lower Upper

200 100

173 31.2 9.1 49.1

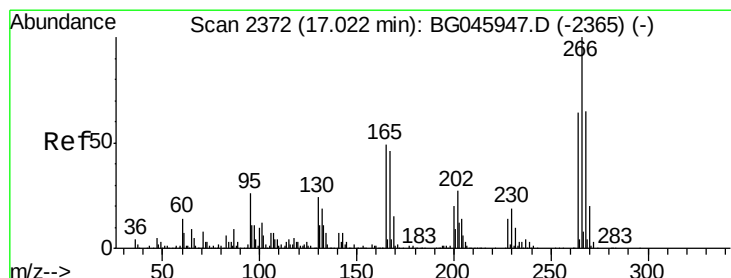
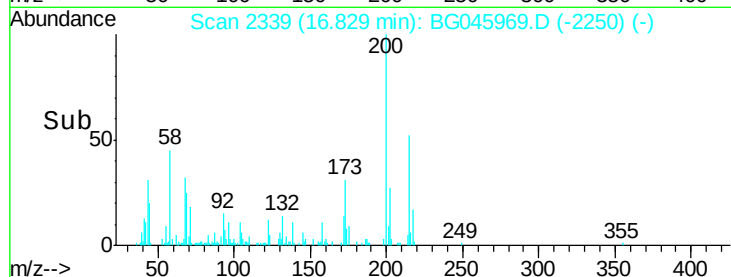
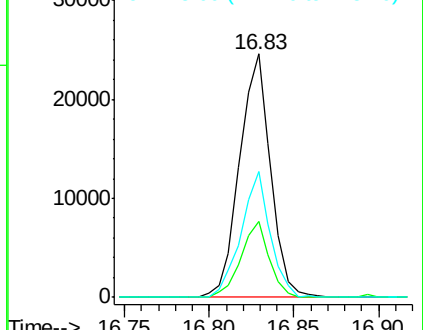
215 51.6 28.8 68.8



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: 3.849 ng

RT: 17.02 min Scan# 2372

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

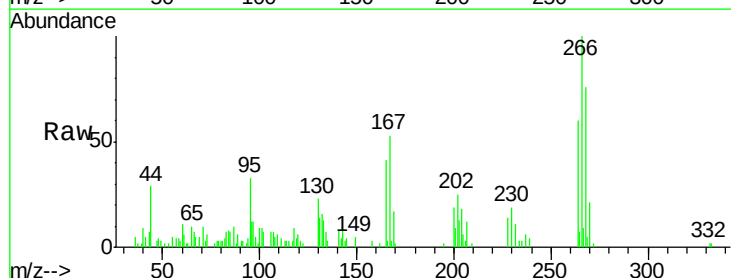
Tgt Ion:266 Resp: 14380

Ion Ratio Lower Upper

266 100

268 76.0 51.8 77.8

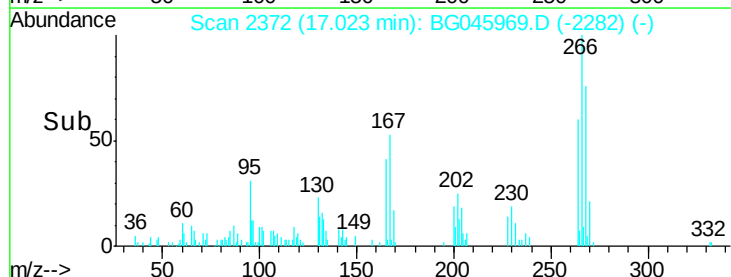
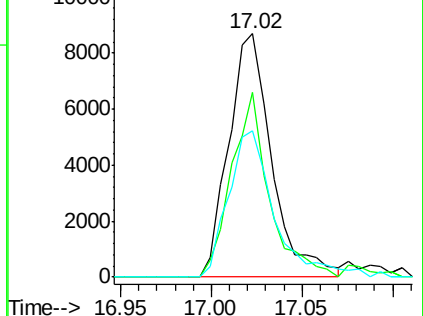
264 59.9 51.4 77.0

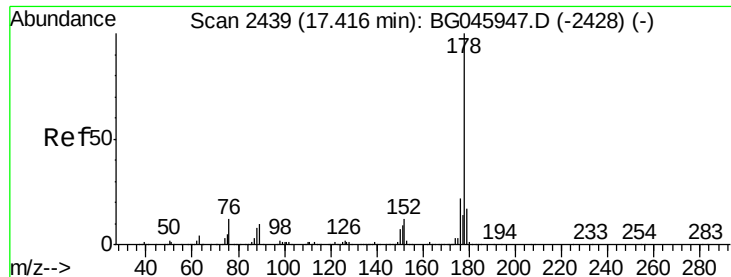


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 5.288 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

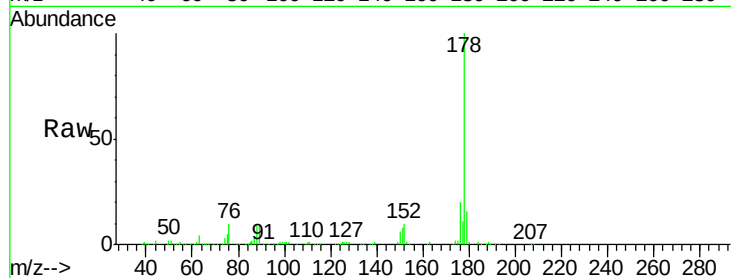
Tot Ion:178 Resp: 167626

Ion Ratio Lower Upper

178 100

176 19.7 17.4 26.2

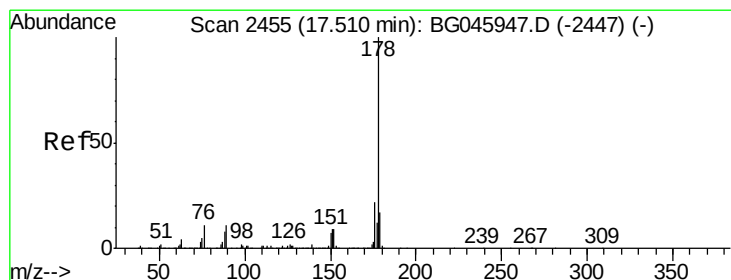
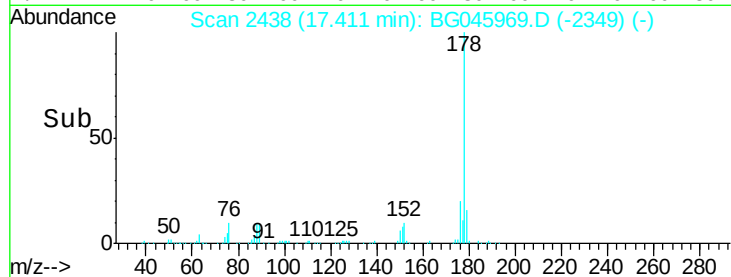
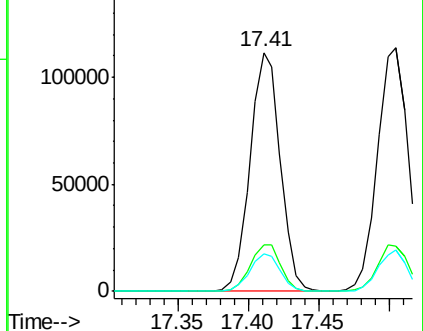
179 15.9 13.4 20.2



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: 5.372 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

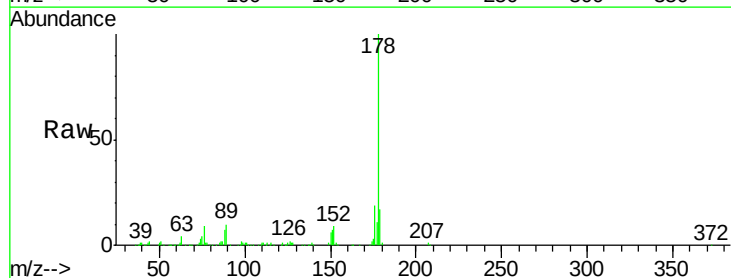
Tgt Ion:178 Resp: 172825

Ion Ratio Lower Upper

178 100

176 18.8 17.2 25.8

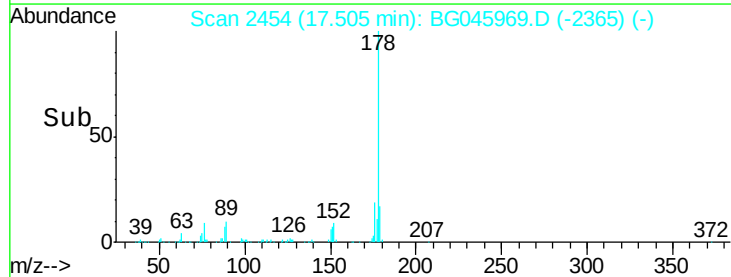
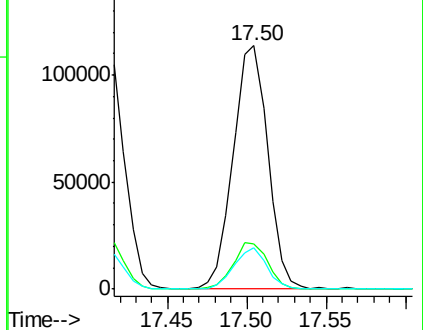
179 16.8 14.0 21.0

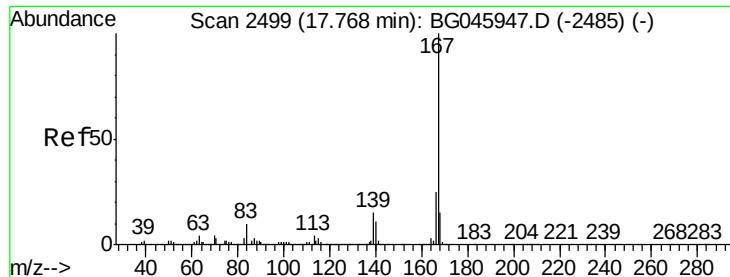


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

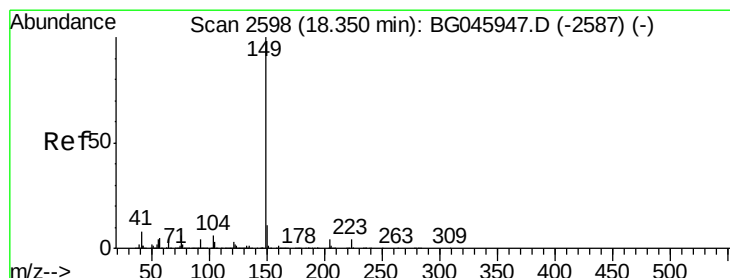
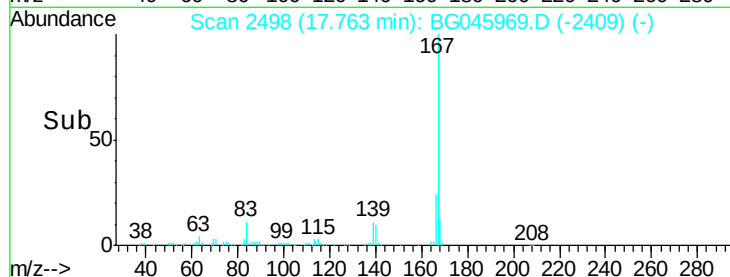
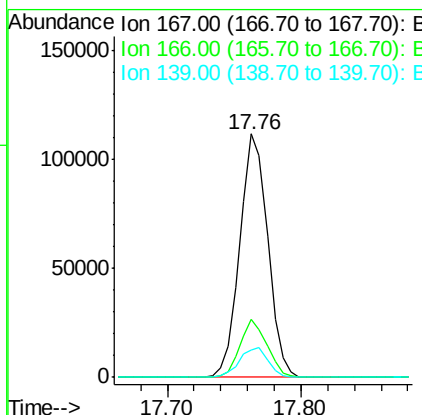
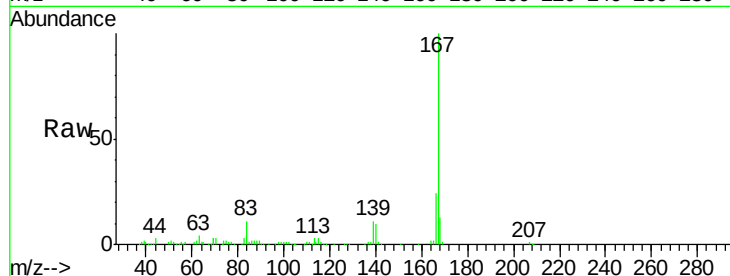




#73
 Carbazole
 Concen: 5.031 ng
 RT: 17.76 min Scan# 2498
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

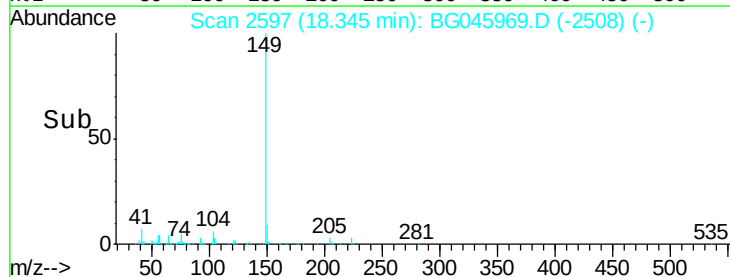
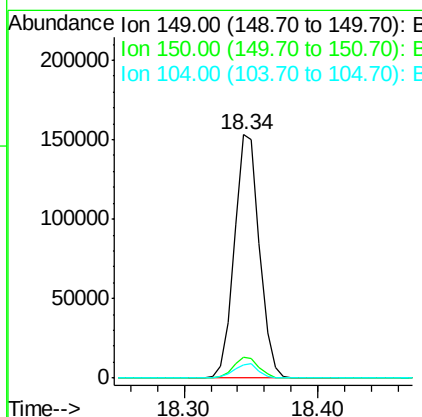
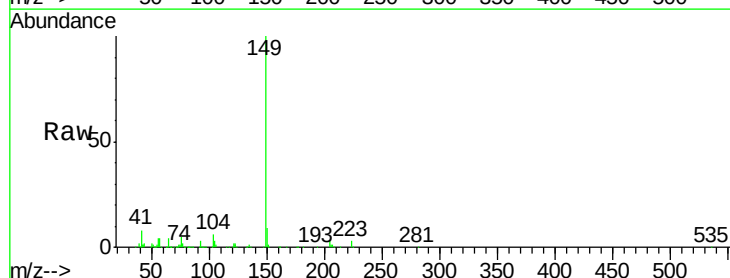
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

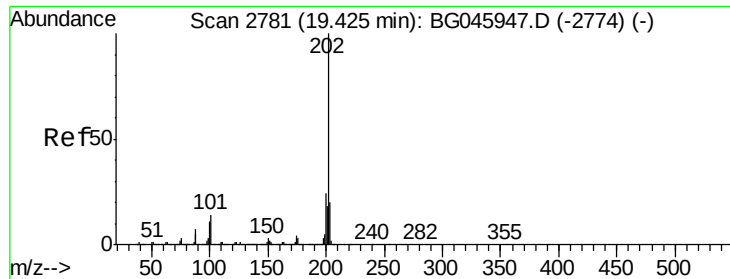
Tot Ion	Ratio	Lower	Upper
167	100		
166	24.0	20.4	30.6
139	11.3	11.8	17.8#



#74
 Di-n-butylphthalate
 Concen: 5.133 ng
 RT: 18.34 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.6	9.0	13.4#
104	5.6	5.2	7.8





#75

Fluoranthene

Concen: 5.425 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

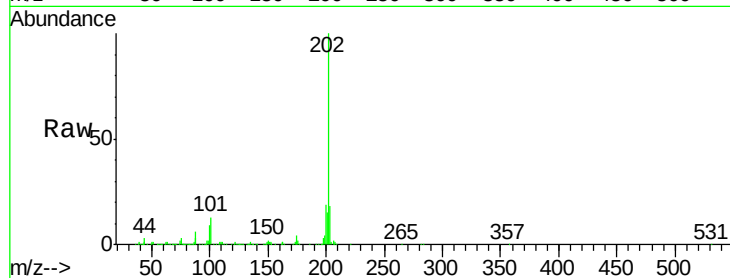
Tot Ion:202 Resp: 198804

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.8

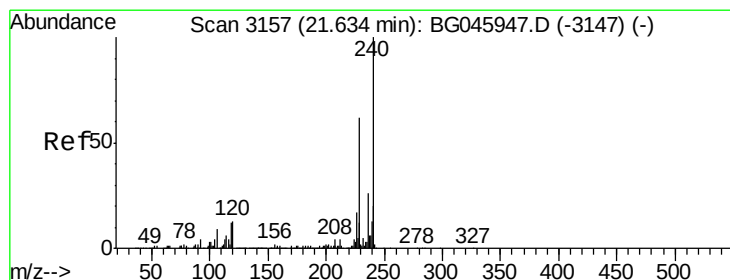
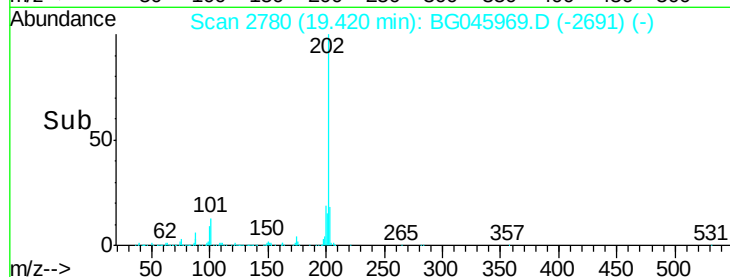
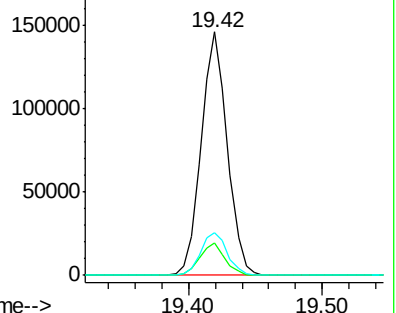
203 17.7 0.4 40.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

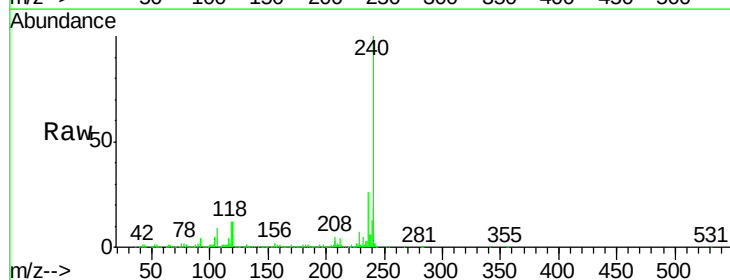
Tgt Ion:240 Resp: 560190

Ion Ratio Lower Upper

240 100

120 12.4 10.6 16.0

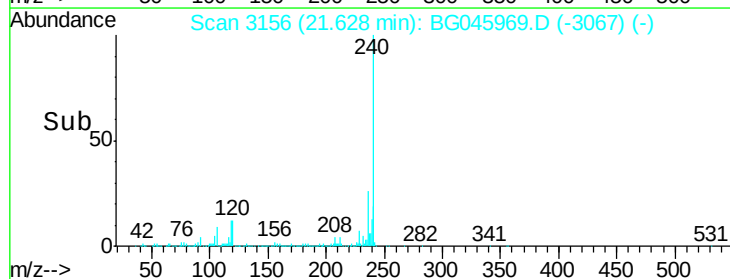
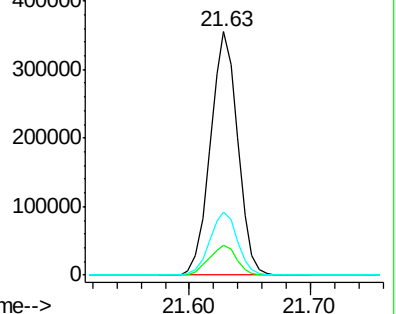
236 25.9 20.4 30.6

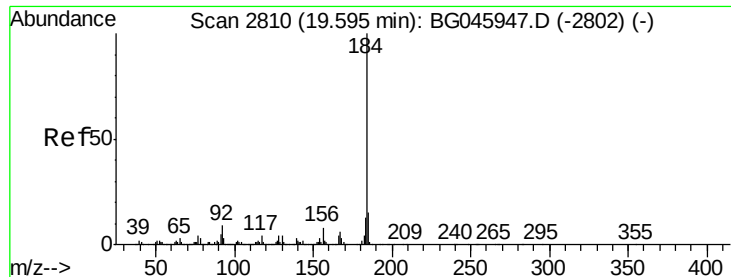


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.232 ng

RT: 19.60 min Scan# 2810

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

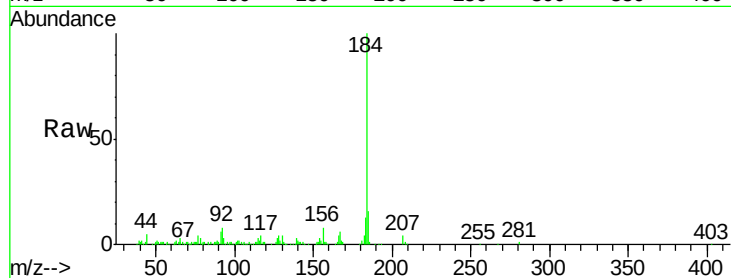
Tot Ion:184 Resp: 99812

Ion Ratio Lower Upper

184 100

185 15.6 11.6 17.4

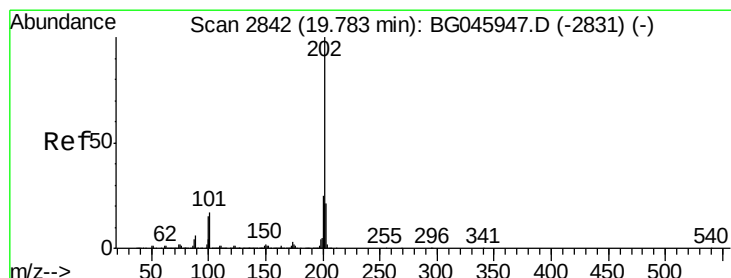
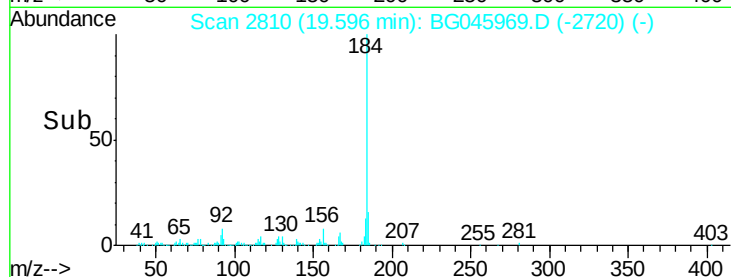
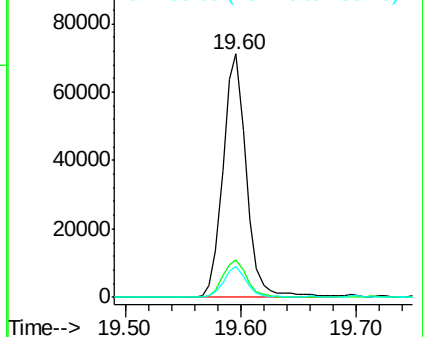
183 13.0 10.4 15.6



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: 5.246 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

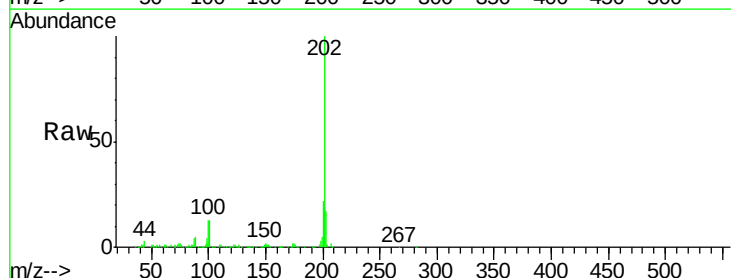
Tgt Ion:202 Resp: 200588

Ion Ratio Lower Upper

202 100

200 22.3 20.1 30.1

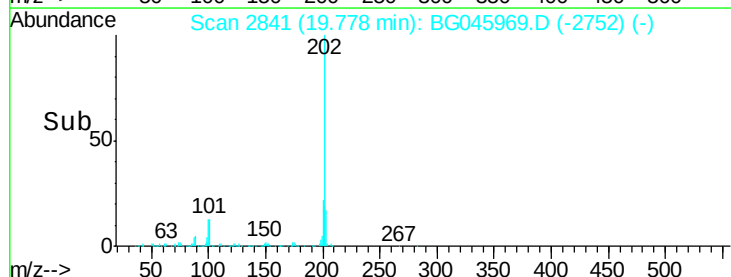
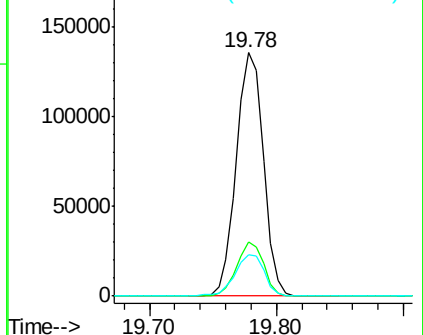
203 16.9 16.5 24.7

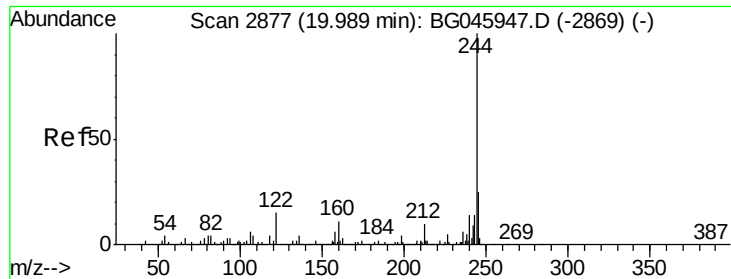


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 118.401 ng

RT: 19.99 min Scan# 2877

Delta R.T. 0.00 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

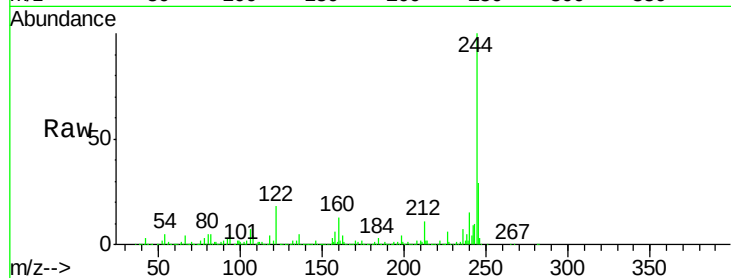
Tot Ion:244 Resp: 2980305

Ion Ratio Lower Upper

244 100

212 11.4 8.3 12.5

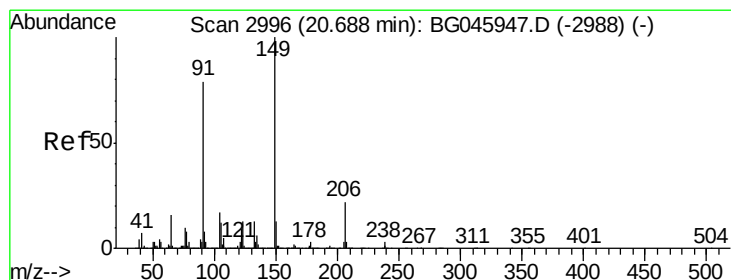
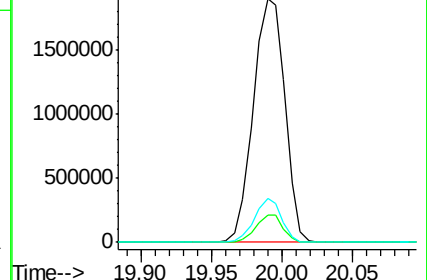
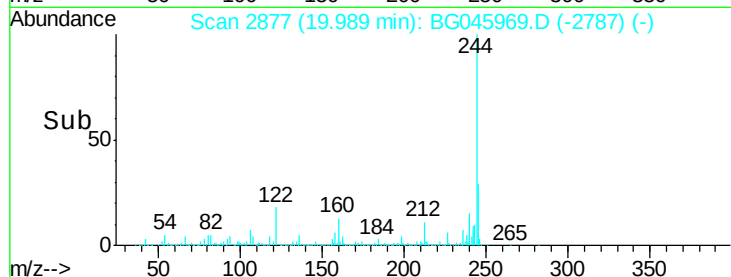
122 18.0 12.1 18.1



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: 4.387 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

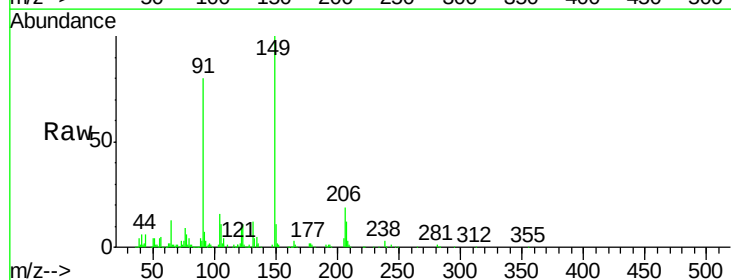
Tgt Ion:149 Resp: 79268

Ion Ratio Lower Upper

149 100

91 80.4 63.1 94.7

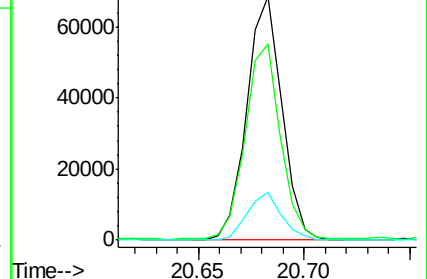
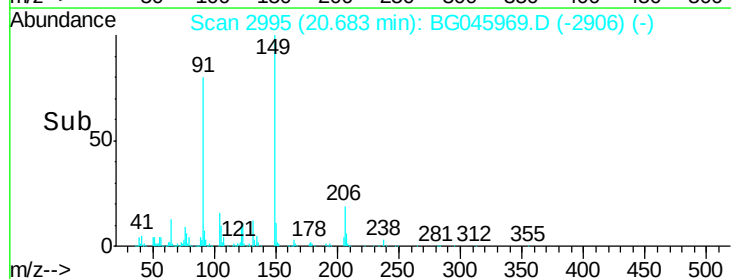
206 19.4 17.4 26.0

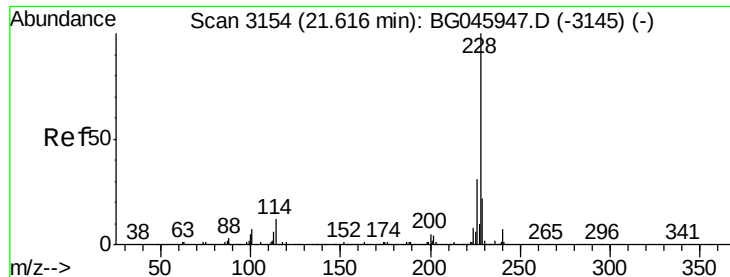


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

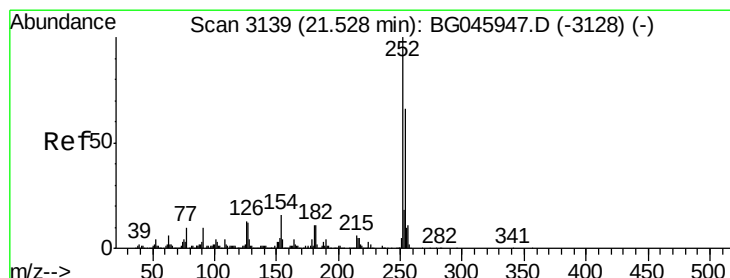
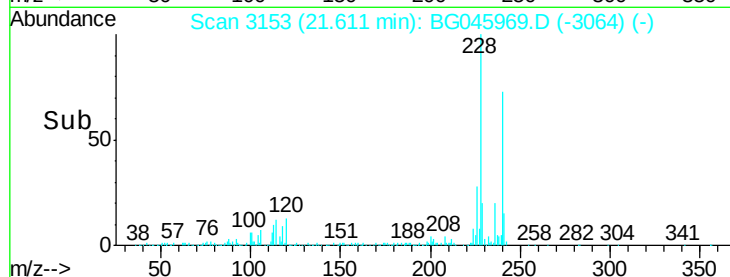
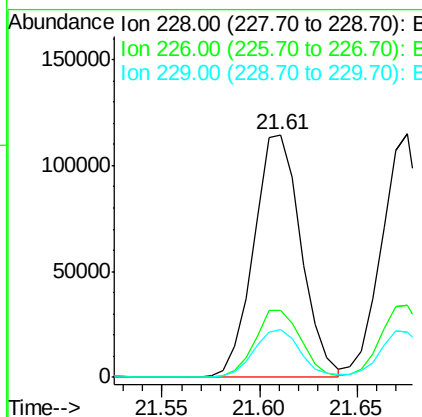
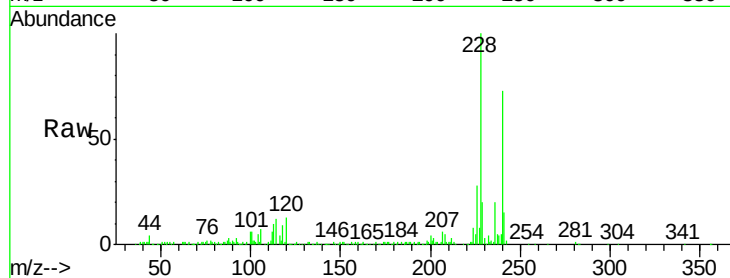




#81
Benzo(a)anthracene
Concen: 5.219 ng
RT: 21.61 min Scan# 3153
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

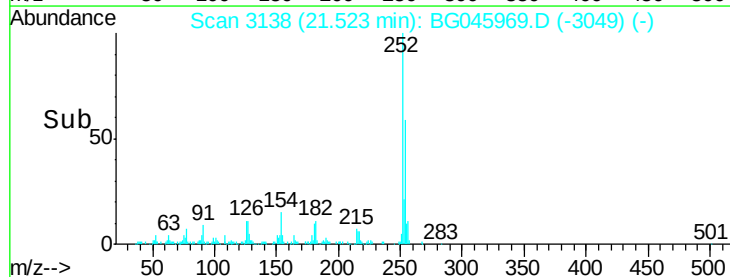
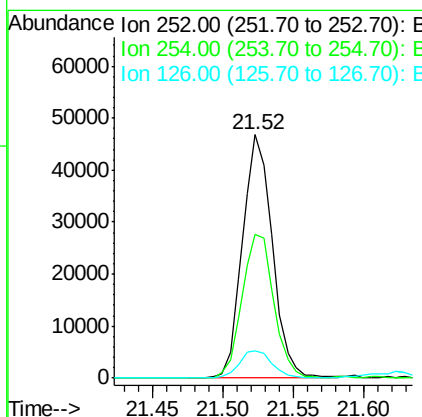
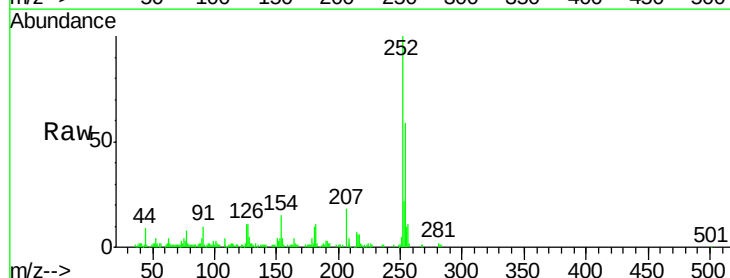
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

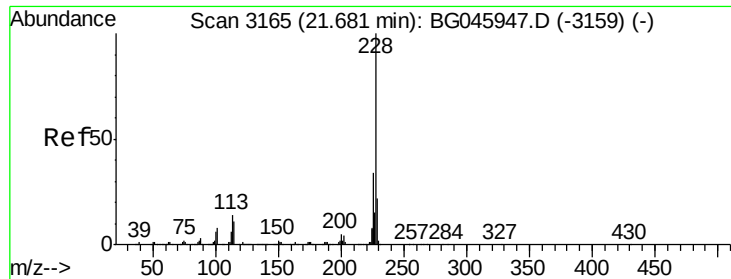
Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	24.8	37.2
229	19.6	17.8	26.8



#82
3,3'-Dichlorobenzidine
Concen: 5.113 ng
RT: 21.52 min Scan# 3138
Delta R.T. -0.01 min
Lab File: BG045969.D
Acq: 7 Jul 2020 21:22

Tgt Ion	Ratio	Lower	Upper
252	100		
254	58.9	52.9	79.3
126	11.4	10.4	15.6





#83

Chrysene

Concen: 5.082 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

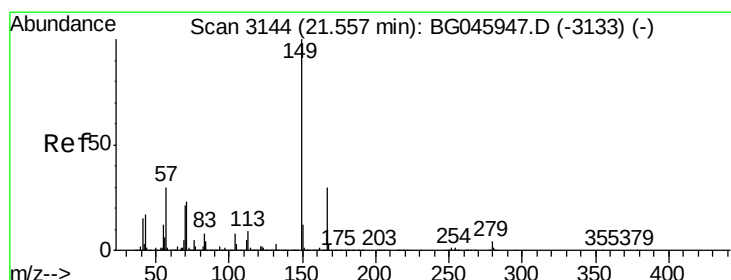
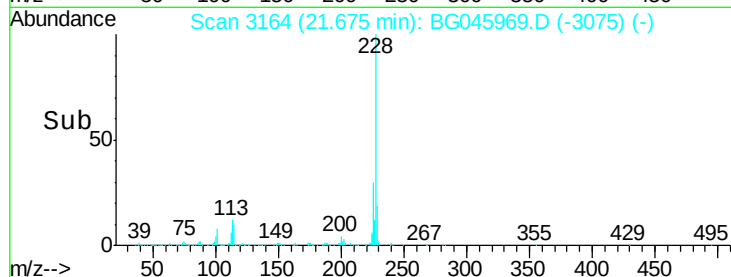
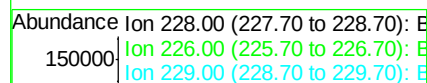
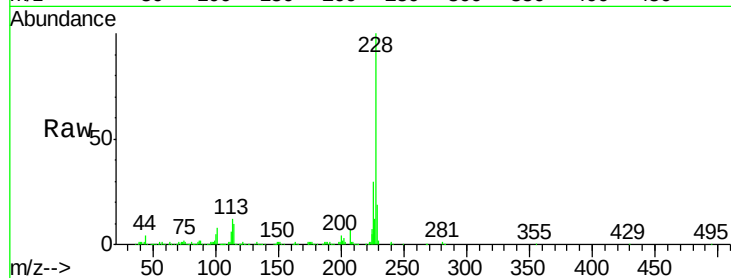
Tot Ion:228 Resp: 178345

Ion	Ratio	Lower	Upper
228	100		
226	29.5	26.7	40.1
229	18.7	17.3	25.9

228 100

226 29.5 26.7 40.1

229 18.7 17.3 25.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.761 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

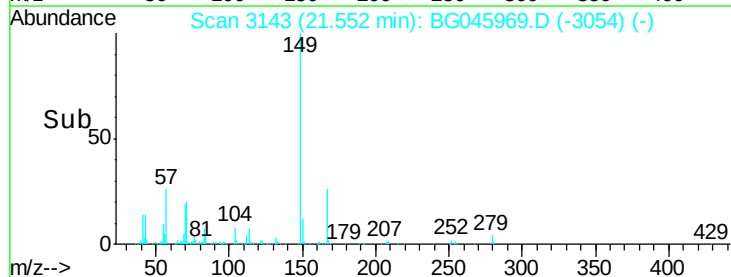
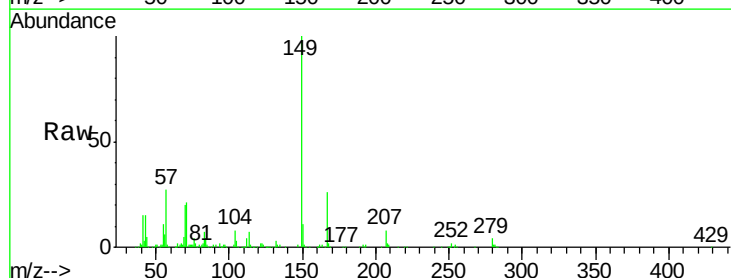
Tgt Ion:149 Resp: 124869

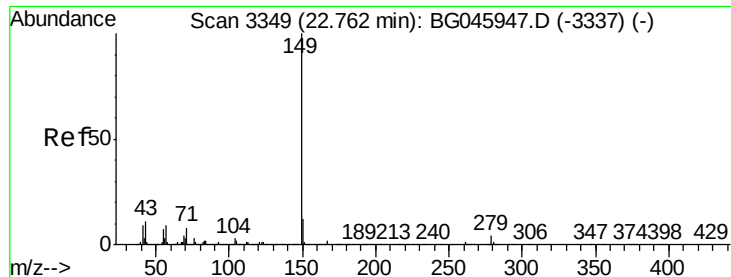
Ion	Ratio	Lower	Upper
149	100		
167	26.3	23.8	35.8
279	3.9	3.5	5.3

149 100

167 26.3 23.8 35.8

279 3.9 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 4.451 ng

RT: 22.76 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

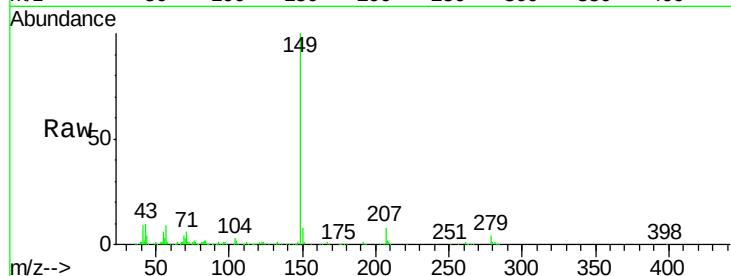
Tot Ion:149 Resp: 202603

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

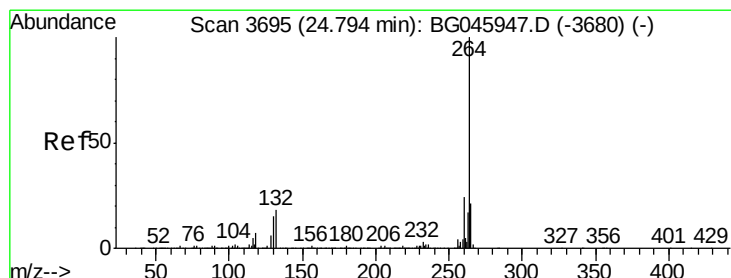
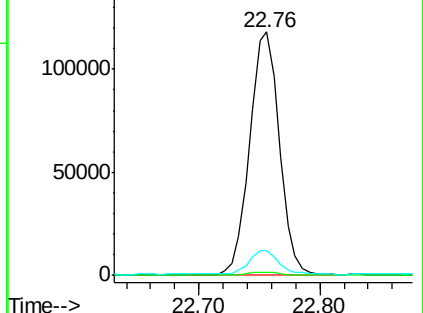
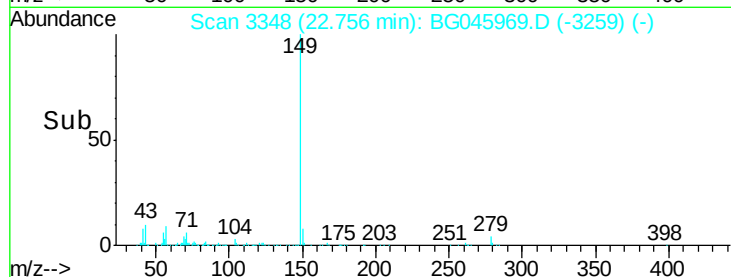
43 10.7 8.6 12.8



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: BG045969.D

Acq: 7 Jul 2020 21:22

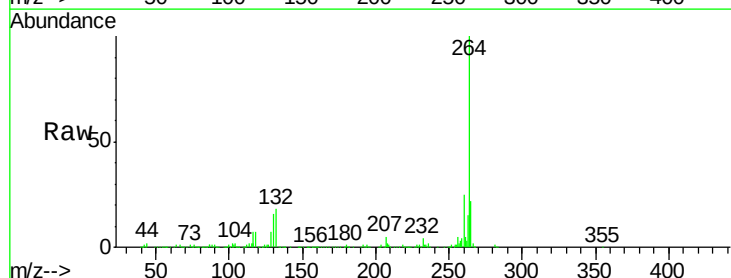
Tgt Ion:264 Resp: 559663

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.6

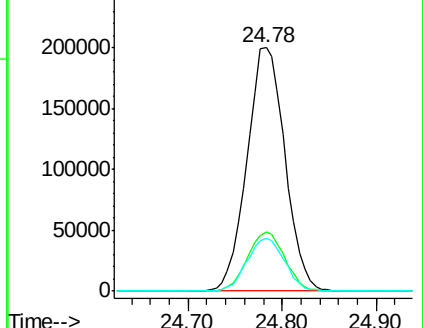
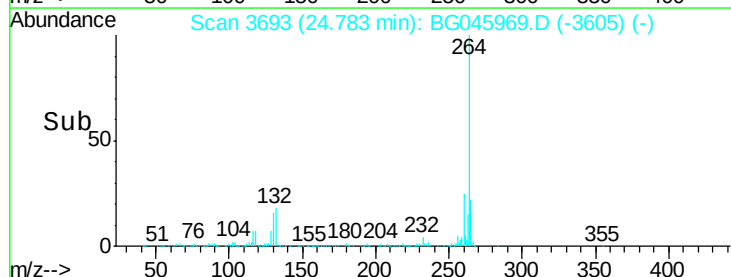
265 21.7 16.9 25.3

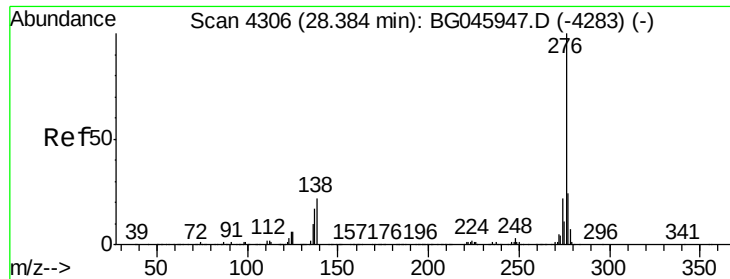


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

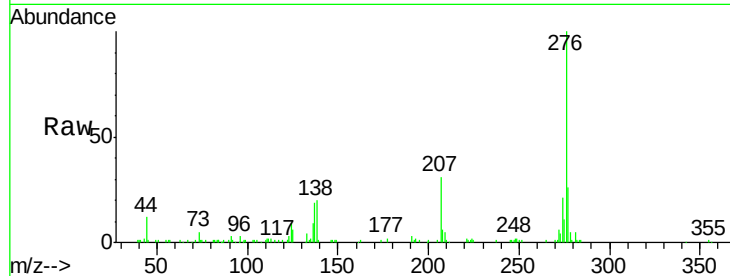




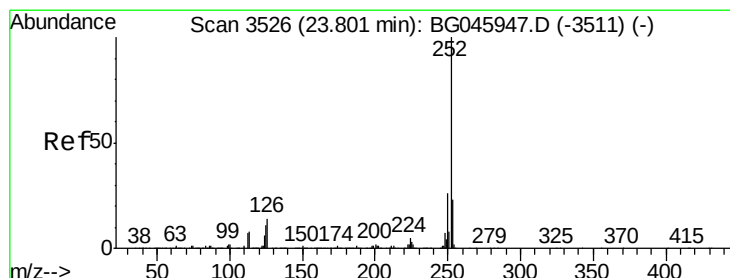
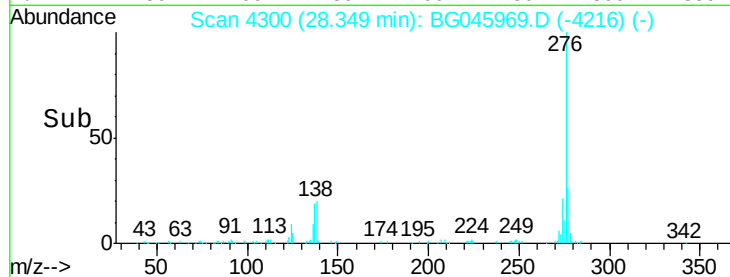
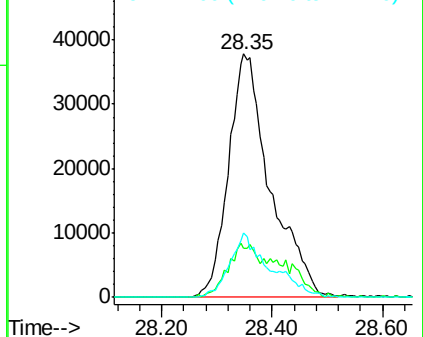
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 4.856 ng
 RT: 28.35 min Scan# 4300
 Delta R.T. -0.03 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:276 Resp: 198840
 Ion Ratio Lower Upper
 276 100
 138 17.3 16.4 24.6
 277 20.2 20.6 31.0#

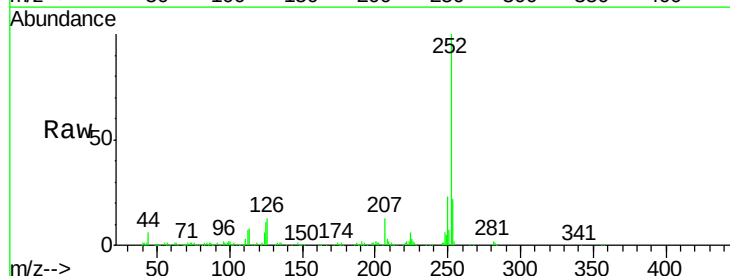


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

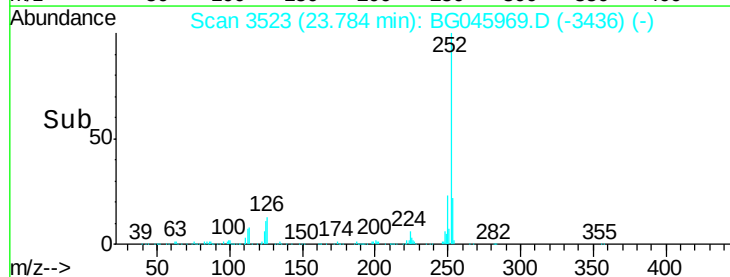
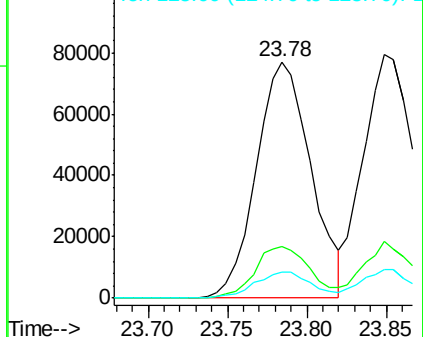


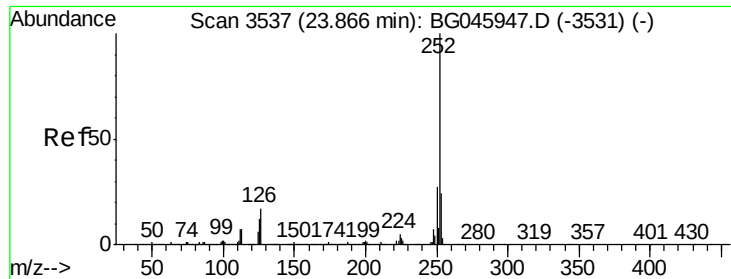
#88
 Benzo(b)fluoranthene
 Concen: 5.189 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045969.D
 Acq: 7 Jul 2020 21:22

Tgt Ion:252 Resp: 184344
 Ion Ratio Lower Upper
 252 100
 253 21.9 18.5 27.7
 125 10.9 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: 5.358 ng

RT: 23.85 min Scan# 3534

Delta R.T. -0.02 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

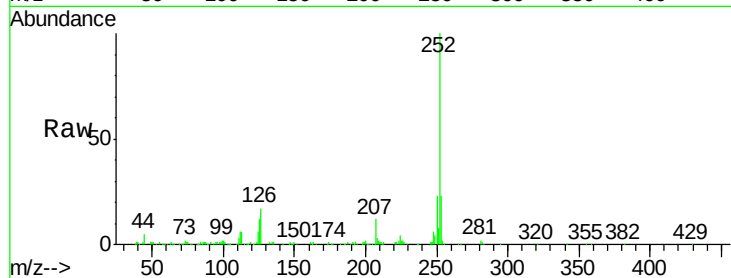
Tot Ion:252 Resp: 179982

Ion Ratio Lower Upper

252 100

253 23.3 18.9 28.3

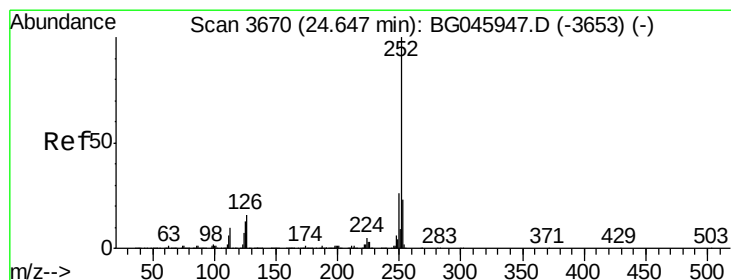
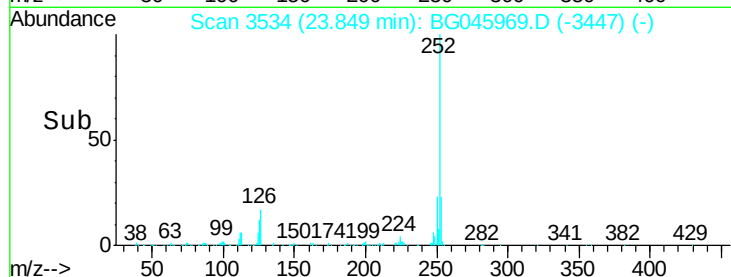
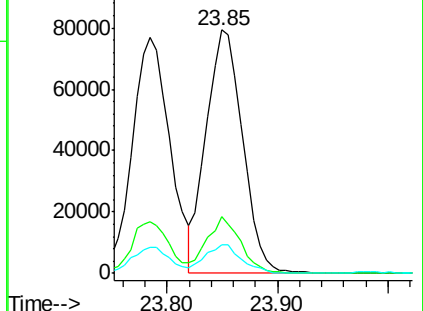
125 11.9 9.6 14.4



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



#90

Benzo(a)pyrene

Concen: 4.990 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

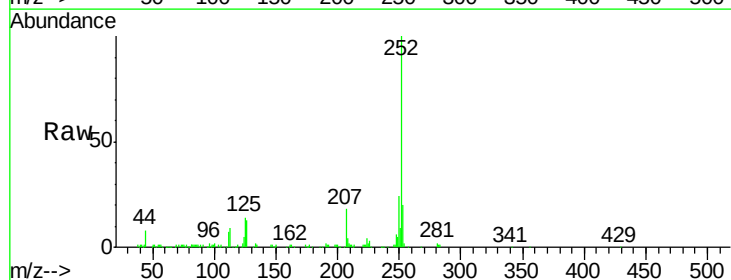
Tgt Ion:252 Resp: 166691

Ion Ratio Lower Upper

252 100

253 20.3 18.6 28.0

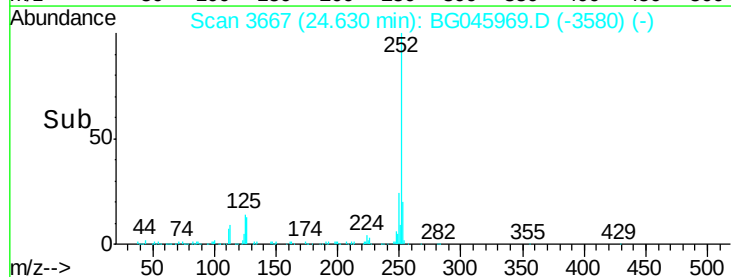
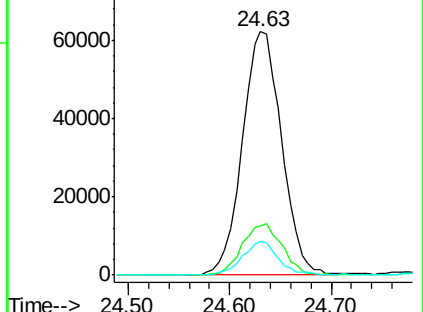
125 14.0 10.5 15.7

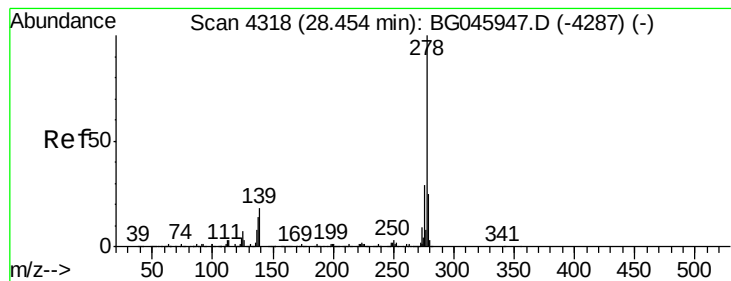


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 5.053 ng

RT: 28.43 min Scan# 4314

Delta R.T. -0.02 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

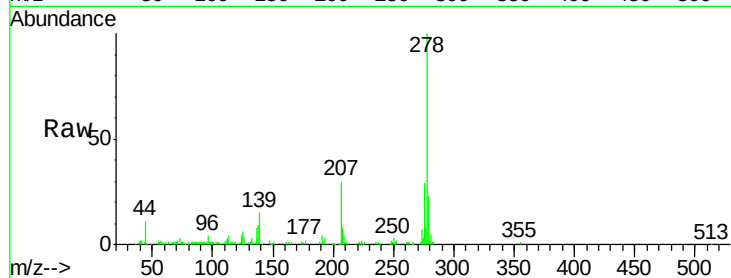
Tot Ion:278 Resp: 166875

Ion Ratio Lower Upper

278 100

139 15.3 14.3 21.5

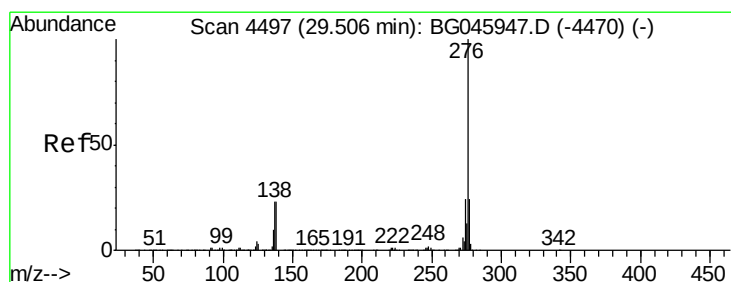
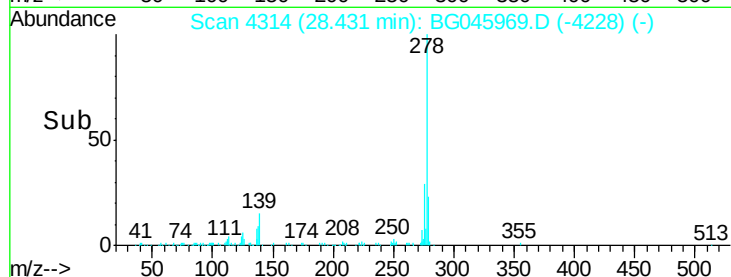
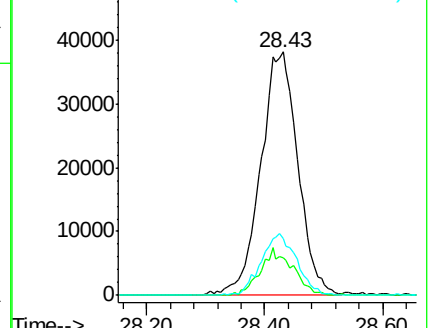
279 23.4 19.8 29.6



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: 5.114 ng

RT: 29.46 min Scan# 4489

Delta R.T. -0.05 min

Lab File: BG045969.D

Acq: 7 Jul 2020 21:22

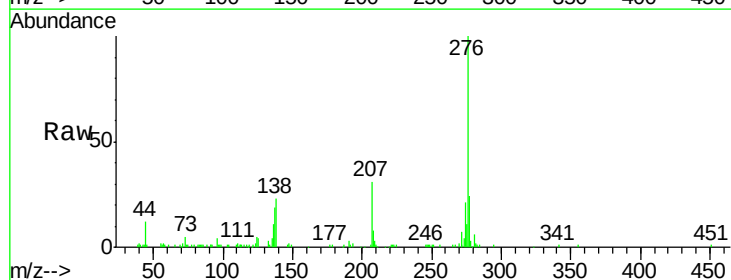
Tgt Ion:276 Resp: 169936

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.0

138 23.0 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

