

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
 Data File : BG045970.D
 Acq On : 7 Jul 2020 22:02
 Operator : CG/JU
 Sample : L3216-07
 Misc : LOD-MDL-WTR-8PPM
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: Jul 08 04:16:23 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	8.00	152	133154	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	539228	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	322646	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	670757	20.00	ng	0.00
76) Chrysene-d12	21.63	240	611831	20.00	ng	0.00
86) Perylene-d12	24.78	264	613929	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1300782	158.42	ng	0.00
7) Phenol-d6	7.16	99	1822948	154.21	ng	0.00
23) Nitrobenzene-d5	9.16	82	1495953	159.68	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	527059	176.01	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2702853	130.67	ng	0.00
79) Terphenyl-d14	19.99	244	3159804	114.94	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	35204	9.293	ng	95
3) Pyridine	3.90	79	77234	6.743	ng	99
4) n-Nitrosodimethylamine	3.82	42	34458	8.896	ng	90
6) Aniline	7.33	93	122849	8.124	ng	96
8) 2-Chlorophenol	7.58	128	68730	7.776	ng	95
9) Benzaldehyde	7.14	77	81695	10.908	ng	93
10) Phenol	7.19	94	92999	7.843	ng	97
11) bis(2-Chloroethyl)ether	7.43	93	77588	7.912	ng	93
12) 1,3-Dichlorobenzene	7.90	146	77312	7.588	ng	98
13) 1,4-Dichlorobenzene	8.04	146	78425	7.825	ng	99
14) 1,2-Dichlorobenzene	8.36	146	72856	7.553	ng	96
15) Benzyl Alcohol	8.23	79	71399	7.703	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	98788	7.721	ng	96
17) 2-Methylphenol	8.44	107	62957	7.076	ng	95
18) Hexachloroethane	9.10	117	31178	8.085	ng	94
19) n-Nitroso-di-n-propylamine	8.80	70	67185	8.090	ng	98
20) 3+4-Methylphenols	8.76	107	85916	7.085	ng	99
22) Acetophenone	8.82	105	119219	8.276	ng	# 95
24) Nitrobenzene	9.20	77	93061	9.000	ng	97
25) Isophorone	9.73	82	174488	7.629	ng	97
26) 2-Nitrophenol	9.91	139	25089	7.444	ng	96
27) 2,4-Dimethylphenol	9.97	122	68636	8.431	ng	95
28) bis(2-Chloroethoxy)methane	10.21	93	103603	8.067	ng	92
29) 2,4-Dichlorophenol	10.44	162	61316	7.276	ng	99
30) 1,2,4-Trichlorobenzene	10.67	180	71417	7.649	ng	93
31) Naphthalene	10.85	128	234603	8.116	ng	97
32) Benzoic acid	10.03	122	19666	4.461	ng	94
33) 4-Chloroaniline	10.95	127	97539	7.551	ng	96
34) Hexachlorobutadiene	11.15	225	39441	7.234	ng	91
35) Caprolactam	11.69	113	21103	6.596	ng	# 87
36) 4-Chloro-3-methylphenol	12.07	107	71418	7.441	ng	98
37) 2-Methylnaphthalene	12.46	142	164310	7.996	ng	98
38) 1-Methylnaphthalene	12.67	142	155231	8.005	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	75420	8.292	ng	98

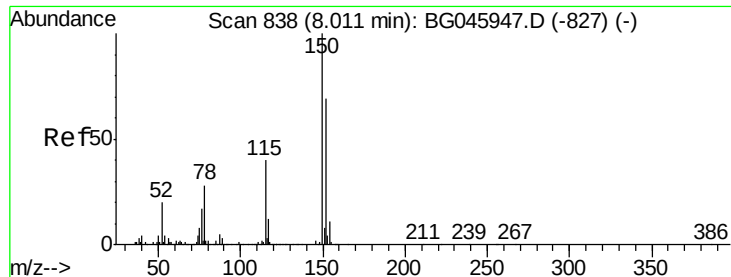
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070720\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	43274	8.019	ng	93
43) 2,4,6-Trichlorophenol	13.06	196	47898	7.787	ng	88
44) 2,4,5-Trichlorophenol	13.13	196	50308	7.234	ng	94
46) 1,1'-Biphenyl	13.46	154	211532	8.715	ng	98
47) 2-Chloronaphthalene	13.51	162	148504	7.755	ng	94
48) 2-Nitroaniline	13.69	65	38465	8.582	ng	94
49) Acenaphthylene	14.35	152	254496	8.237	ng	96
50) Dimethylphthalate	14.08	163	192251	7.940	ng	99
51) 2,6-Dinitrotoluene	14.18	165	32153	8.558	ng	98
52) Acenaphthene	14.69	154	153234	7.863	ng	96
53) 3-Nitroaniline	14.51	138	37108	7.970	ng	99
54) 2,4-Dinitrophenol	14.72	184	7380	5.568	ng	# 64
55) Dibenzofuran	15.02	168	238098	8.334	ng	95
56) 4-Nitrophenol	14.81	139	27993	7.096	ng	98
57) 2,4-Dinitrotoluene	14.98	165	37507	8.079	ng	98
58) Fluorene	15.68	166	192205	8.201	ng	94
59) 2,3,4,6-Tetrachlorophenol	15.25	232	42452	7.906	ng	# 94
60) Diethylphthalate	15.45	149	197678	7.785	ng	100
61) 4-Chlorophenyl-phenylether	15.67	204	91322	7.833	ng	94
62) 4-Nitroaniline	15.67	138	38659	7.725	ng	96
63) Azobenzene	15.96	77	224409	8.234	ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	13188	6.713	ng	94
66) n-Nitrosodiphenylamine	15.88	169	166464	8.009	ng	98
67) 4-Bromophenyl-phenylether	16.56	248	55006	7.343	ng	97
68) Hexachlorobenzene	16.68	284	57567	7.658	ng	97
69) Atrazine	16.83	200	57315	9.326	ng	97
70) Pentachlorophenol	17.02	266	30231	7.233	ng	95
71) Phenanthrene	17.41	178	293693	8.282	ng	98
72) Anthracene	17.50	178	309748	8.607	ng	95
73) Carbazole	17.76	167	286531	7.943	ng	96
74) Di-n-butylphthalate	18.34	149	351566	8.065	ng	# 95
75) Fluoranthene	19.42	202	349932	8.536	ng	96
77) Benzidine	19.59	184	187321	10.708	ng	99
78) Pyrene	19.78	202	354680	8.493	ng	95
80) Butylbenzylphthalate	20.68	149	145824	7.389	ng	97
81) Benzo(a)anthracene	21.61	228	327005	8.128	ng	94
82) 3,3'-Dichlorobenzidine	21.52	252	123603	8.315	ng	96
83) Chrysene	21.67	228	308632	8.053	ng	96
84) Bis(2-ethylhexyl)phthalate	21.55	149	226240	7.897	ng	# 94
85) Di-n-octyl phthalate	22.76	149	370684	7.456	ng	98
87) Indeno(1,2,3-cd)pyrene	28.35	276	359573	8.006	ng	99
88) Benzo(b)fluoranthene	23.78	252	320629	8.227	ng	95
89) Benzo(k)fluoranthene	23.85	252	316208	8.581	ng	98
90) Benzo(a)pyrene	24.63	252	289709	7.905	ng	97
91) Dibenzo(a,h)anthracene	28.42	278	297390	8.209	ng	97
92) Benzo(g,h,i)perylene	29.46	276	297379	8.157	ng	99

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

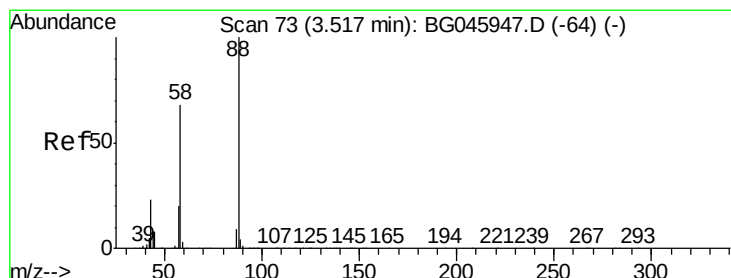
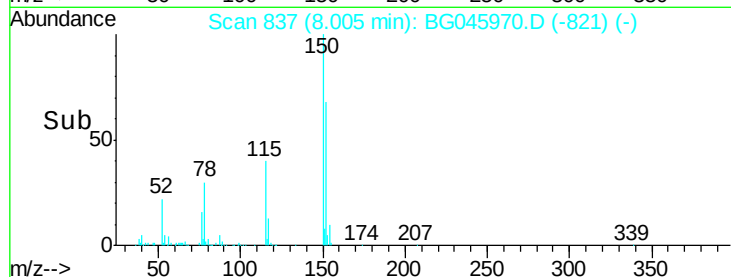
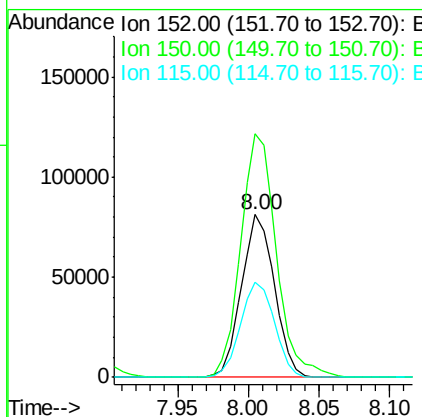
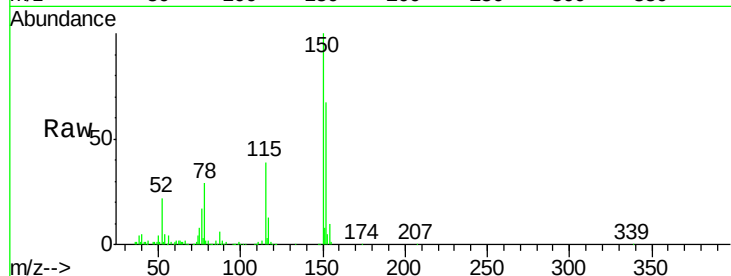


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

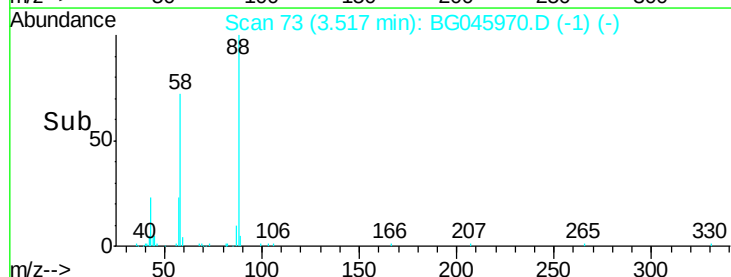
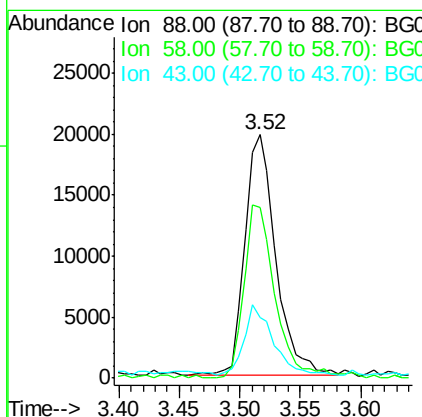
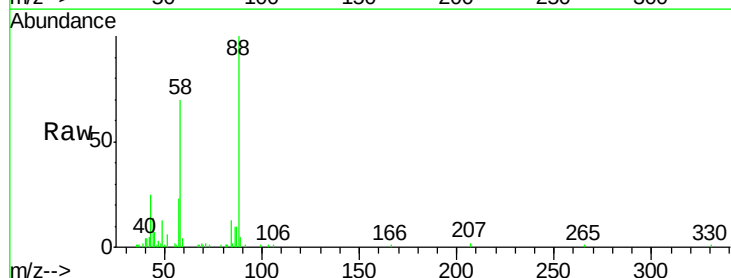
Tot Ion:152 Resp: 133154
Ion Ratio Lower Upper
152 100
150 149.9 116.7 175.1
115 58.3 47.4 71.0

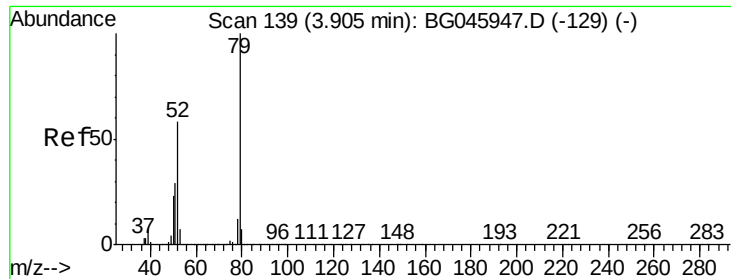


#2

1,4-Dioxane
Concen: 9.293 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion: 88 Resp: 35204
Ion Ratio Lower Upper
88 100
58 72.6 55.2 82.8
43 28.2 19.4 29.0





#3

Pvridine

Concen: 6.743 ng

RT: 3.90 min Scan# 139

Delta R.T. 0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

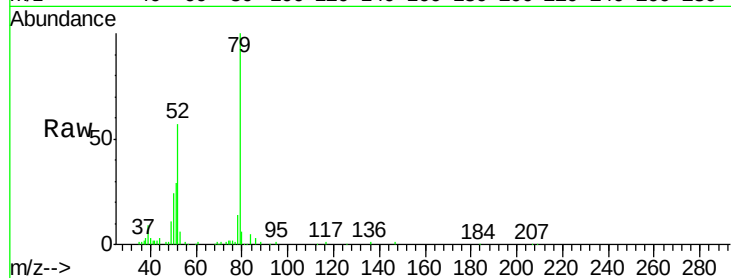
Tot Ion: 79 Resp: 77234

Ion Ratio Lower Upper

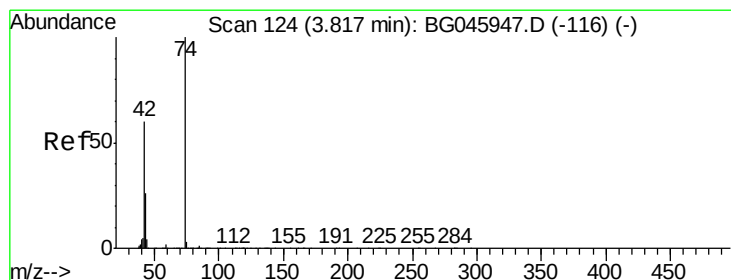
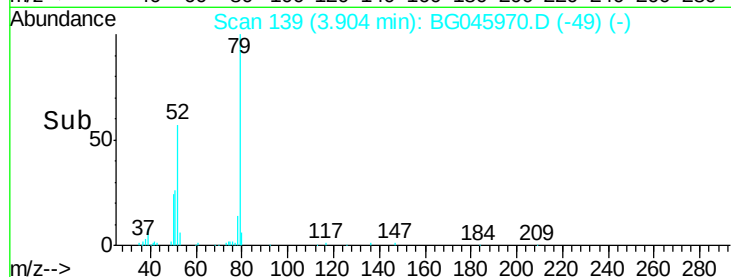
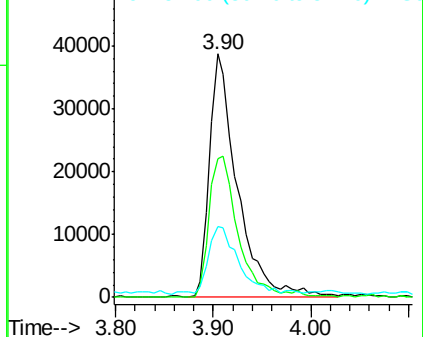
79 100

52 56.9 46.5 69.7

51 28.9 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: 8.896 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

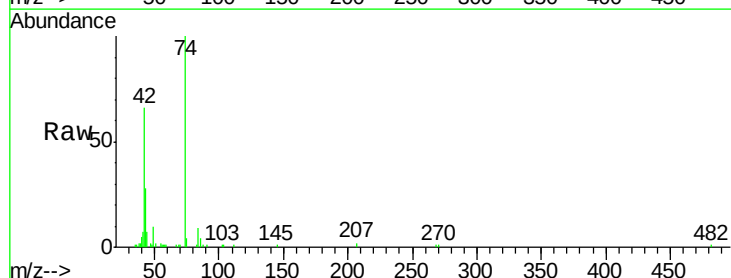
Tgt Ion: 42 Resp: 34458

Ion Ratio Lower Upper

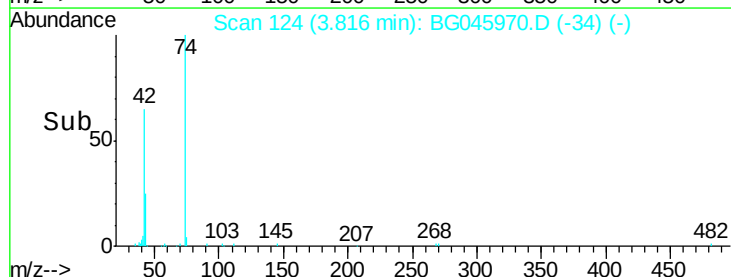
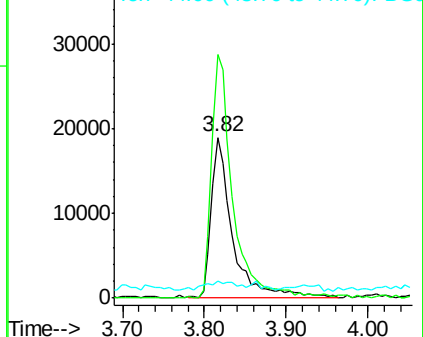
42 100

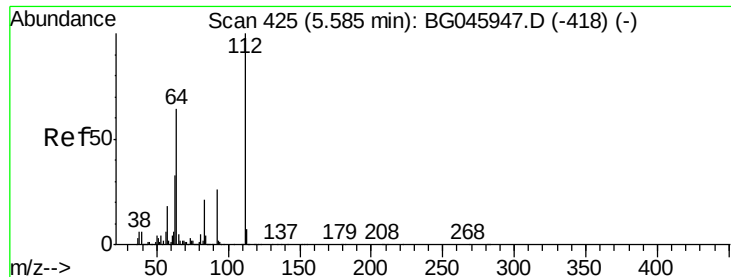
74 151.3 131.9 197.9

44 10.5 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: 158.421 ng

RT: 5.58 min Scan# 425

Delta R.T. 0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

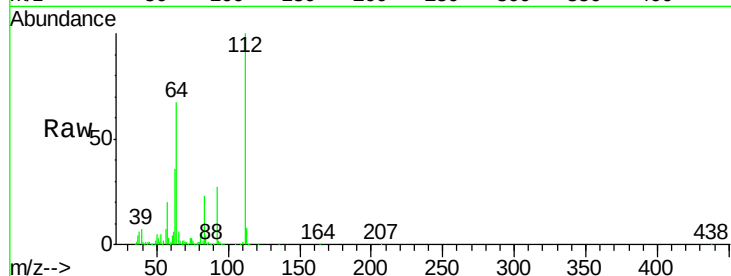
Tot Ion:112 Resp: 1300782

Ion Ratio Lower Upper

112 100

64 67.3 51.4 77.2

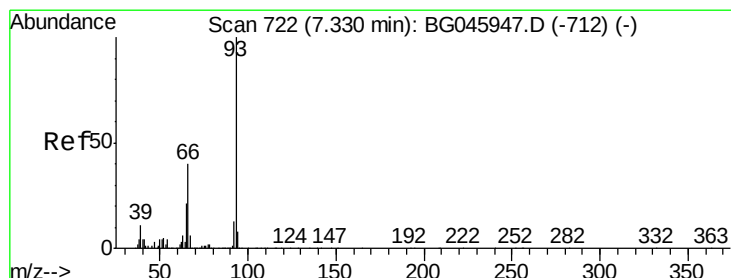
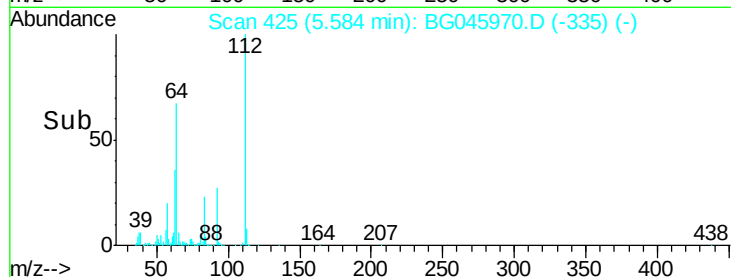
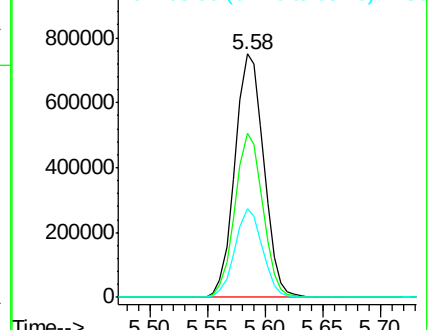
63 36.3 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): BGC

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 8.124 ng

RT: 7.33 min Scan# 722

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

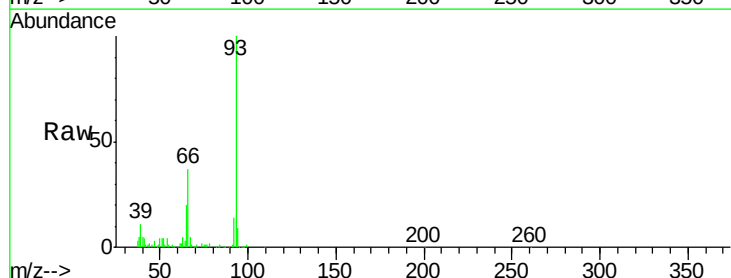
Tgt Ion: 93 Resp: 122849

Ion Ratio Lower Upper

93 100

66 37.3 32.3 48.5

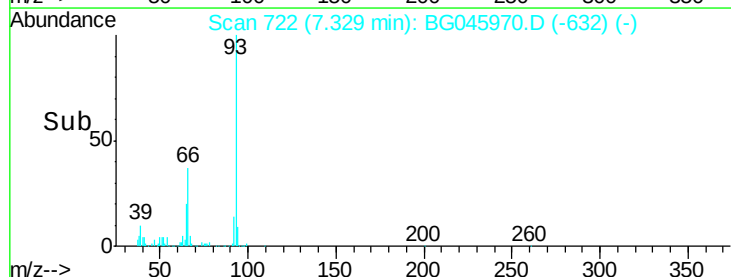
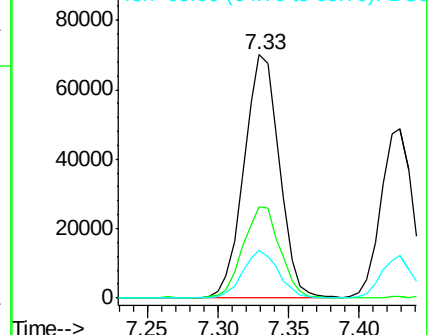
65 19.7 16.6 25.0

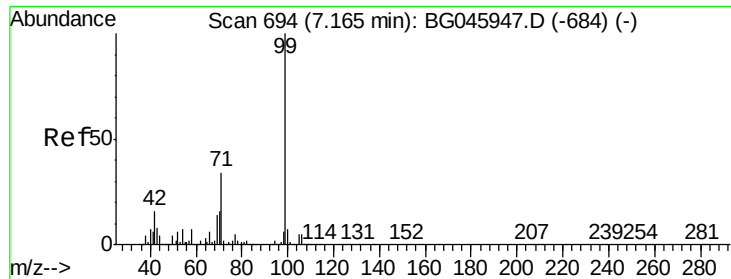


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 154.208 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

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ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

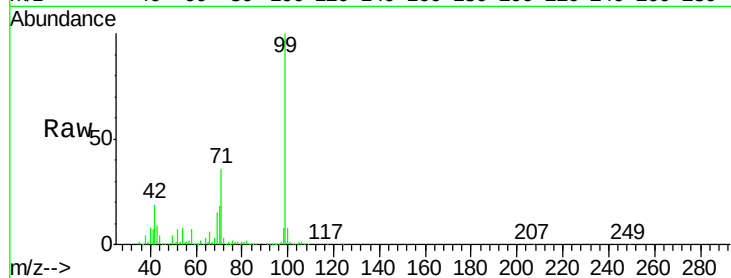
Tot Ion: 99 Resp: 1822948

Ion	Ratio	Lower	Upper
99	100		
42	18.7	13.0	19.4
71	36.5	27.5	41.3

99 100

42 18.7 13.0 19.4

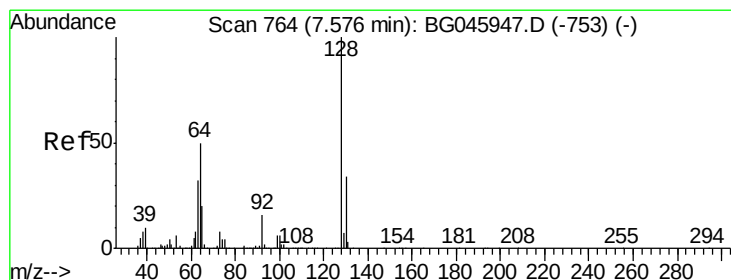
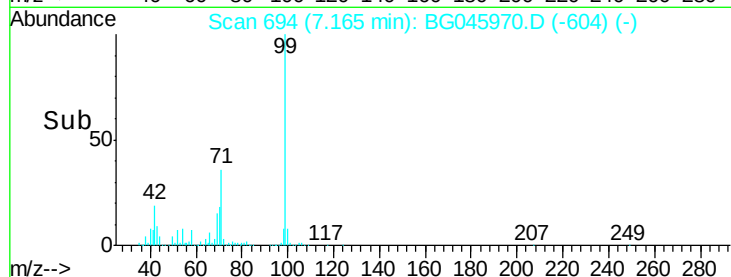
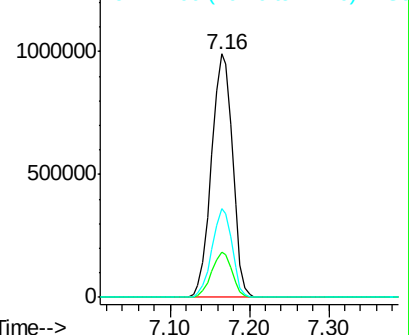
71 36.5 27.5 41.3



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: 7.776 ng

RT: 7.58 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

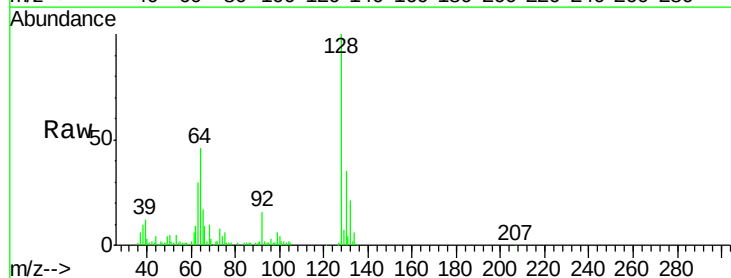
Tgt Ion:128 Resp: 68730

Ion	Ratio	Lower	Upper
128	100		
130	35.0	13.6	53.6
64	45.7	30.6	70.6

128 100

130 35.0 13.6 53.6

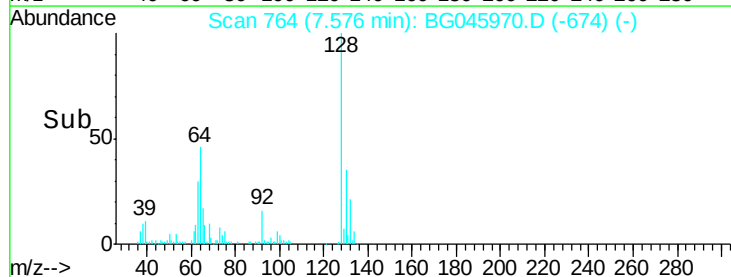
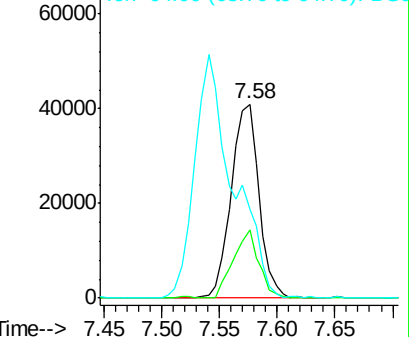
64 45.7 30.6 70.6

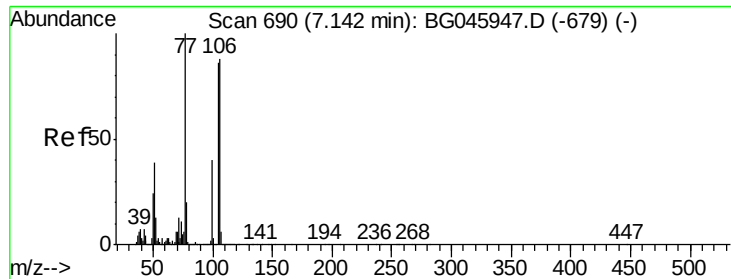


Abundance Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 10.908 ng

RT: 7.14 min Scan# 690

Delta R.T. 0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

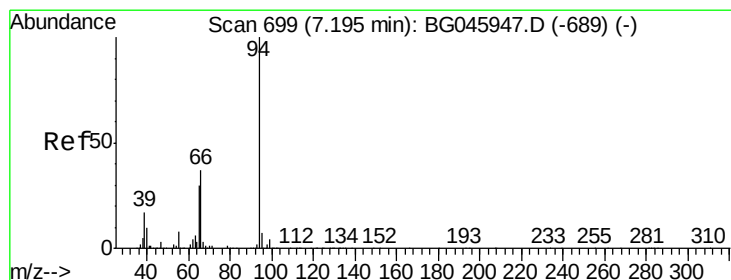
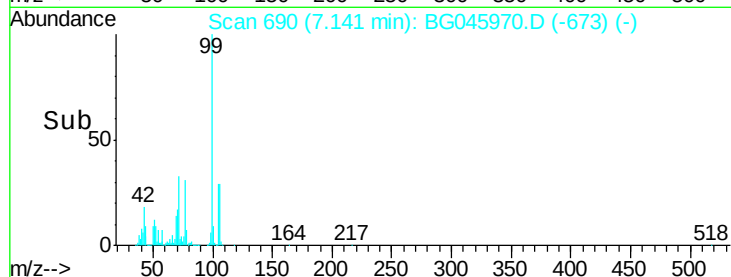
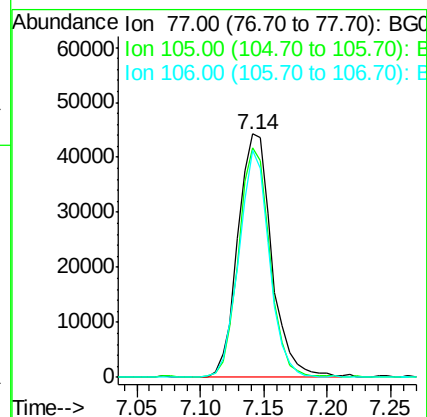
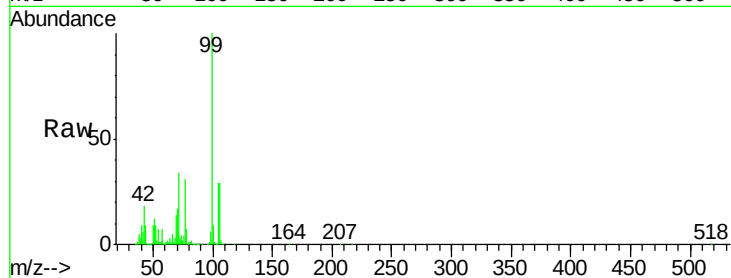
Tot Ion: 77 Resp: 81695

Ion Ratio Lower Upper

77 100

105 94.2 66.0 106.0

106 93.1 67.7 107.7



#10

Phenol

Concen: 7.843 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

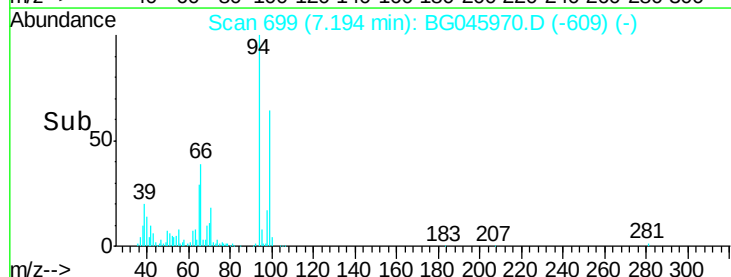
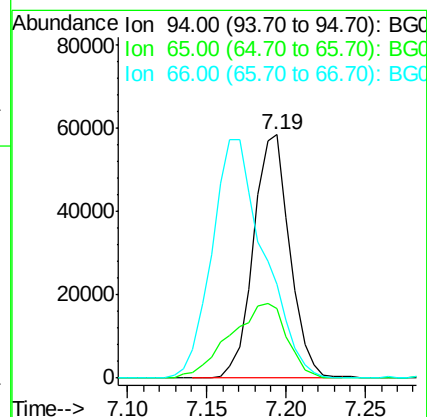
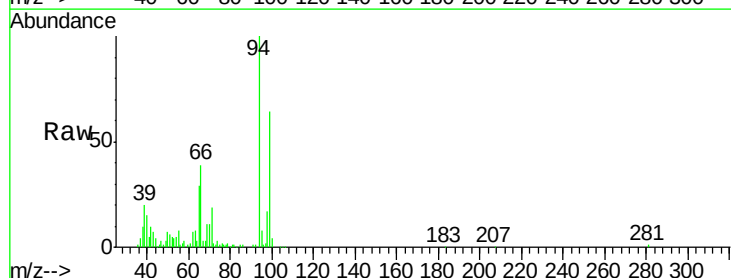
Tgt Ion: 94 Resp: 92999

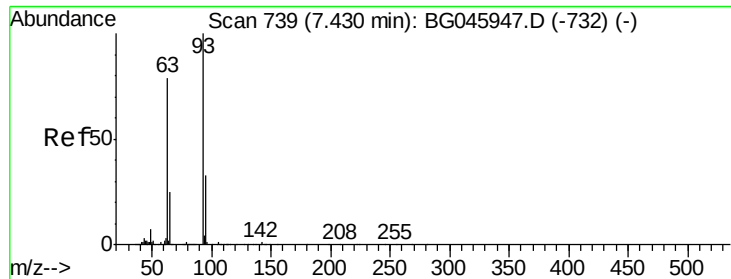
Ion Ratio Lower Upper

94 100

65 28.7 10.6 50.6

66 38.7 17.1 57.1

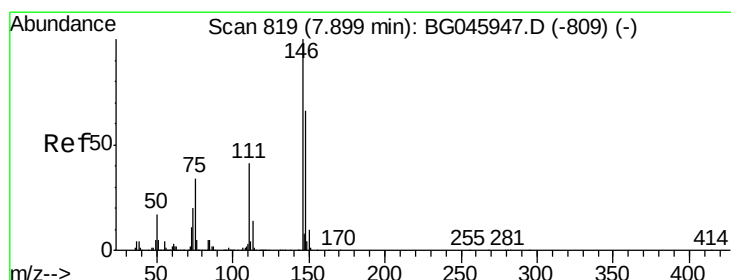
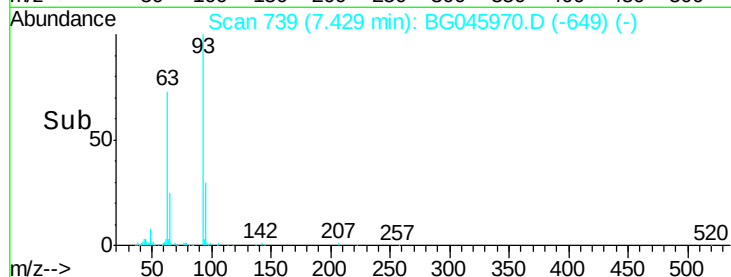
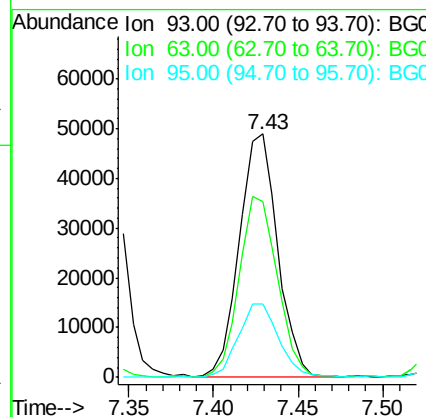
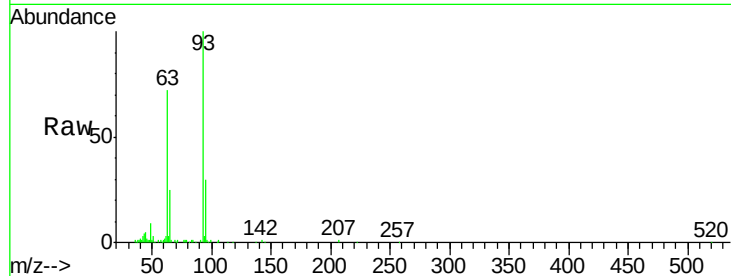




#11
 bis(2-Chloroethyl)ether
 Concen: 7.912 ng
 RT: 7.43 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

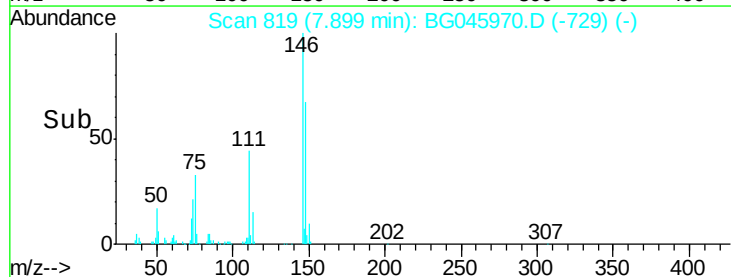
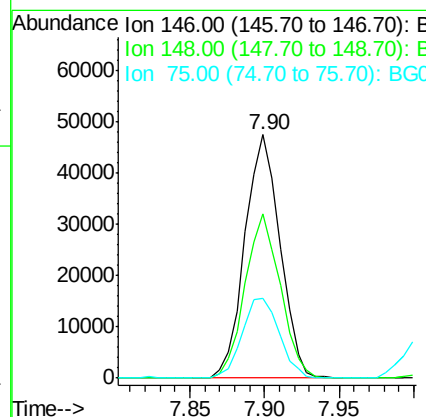
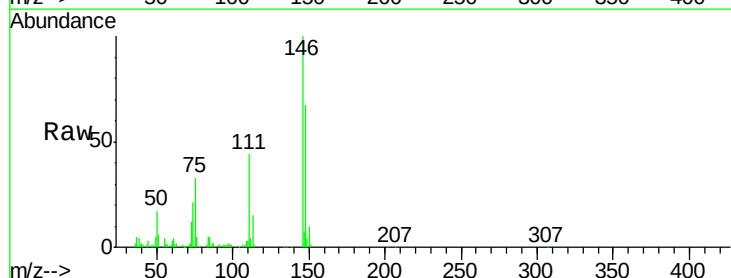
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

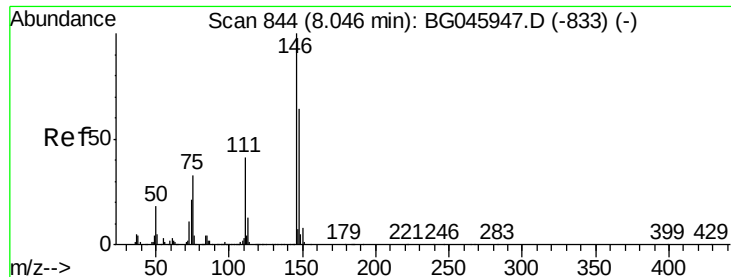
Tot Ion: 93 Resp: 77588
 Ion Ratio Lower Upper
 93 100
 63 72.3 58.6 98.6
 95 30.2 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 7.588 ng
 RT: 7.90 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion: 146 Resp: 77312
 Ion Ratio Lower Upper
 146 100
 148 67.4 52.8 79.2
 75 32.6 27.2 40.8

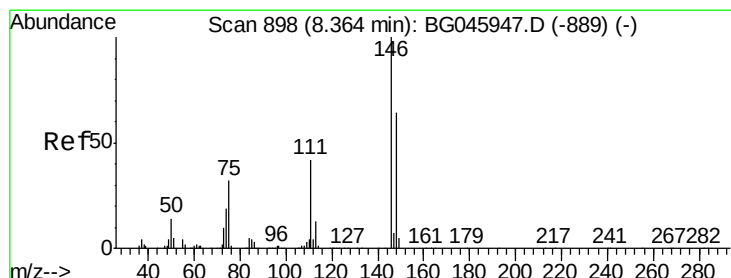
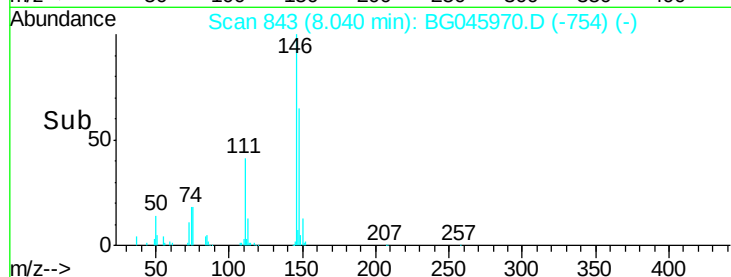
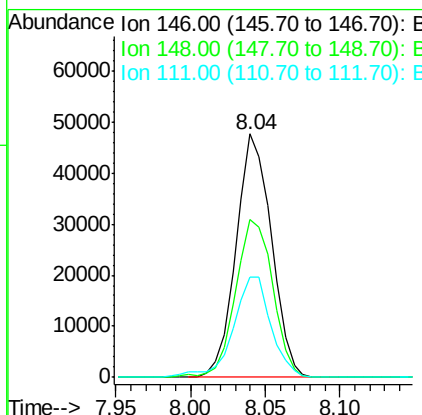
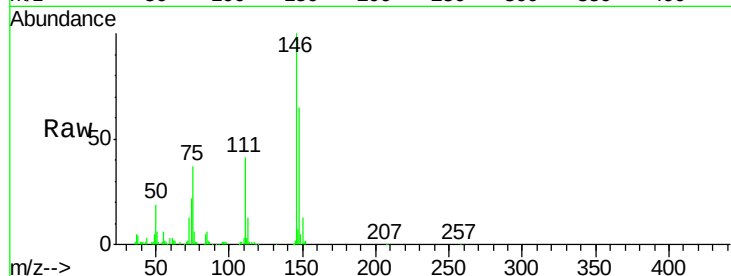




#13
 1,4-Dichlorobenzene
 Concen: 7.825 ng
 RT: 8.04 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

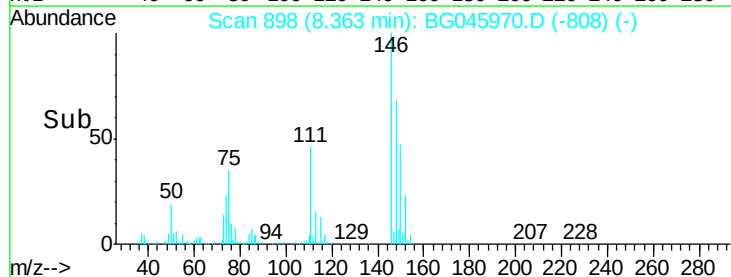
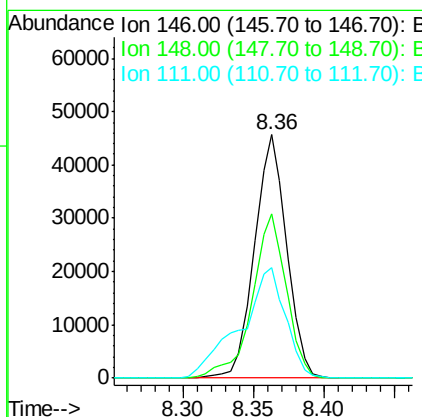
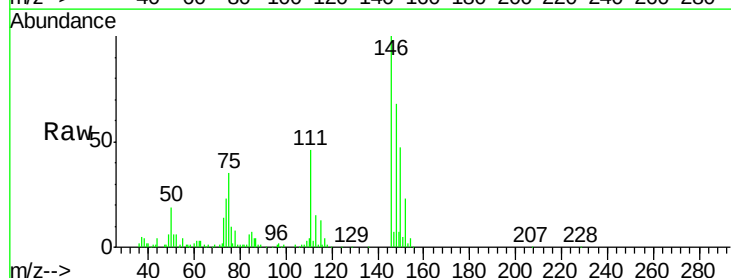
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

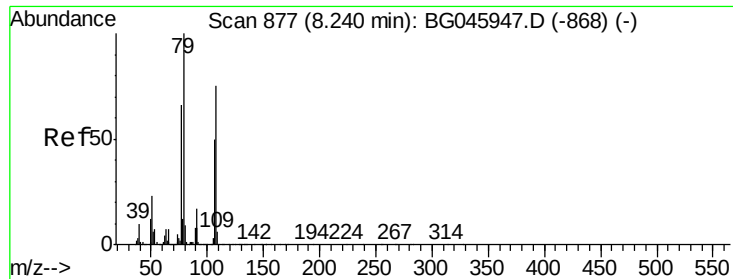
Tot Ion:146 Resp: 78425
 Ion Ratio Lower Upper
 146 100
 148 65.0 51.7 77.5
 111 41.0 33.3 49.9



#14
 1,2-Dichlorobenzene
 Concen: 7.553 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion:146 Resp: 72856
 Ion Ratio Lower Upper
 146 100
 148 67.5 51.6 77.4
 111 45.6 34.0 51.0





#15

Benzyl Alcohol

Concen: 7.703 ng

RT: 8.23 min Scan# 876

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

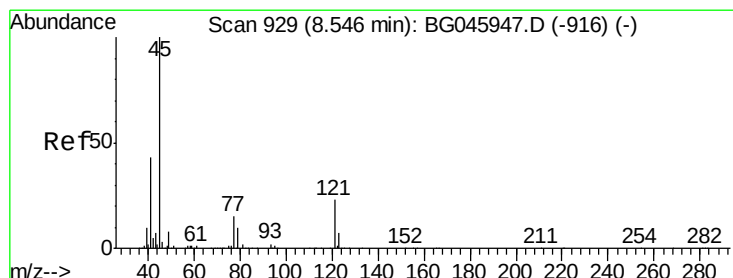
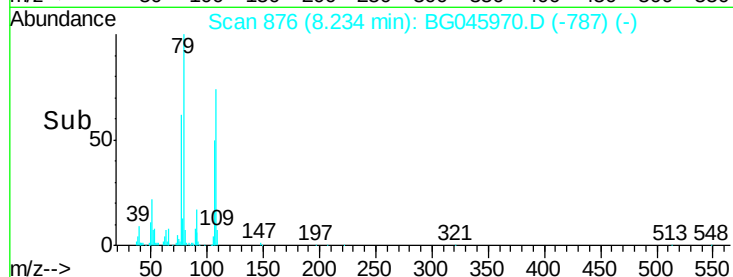
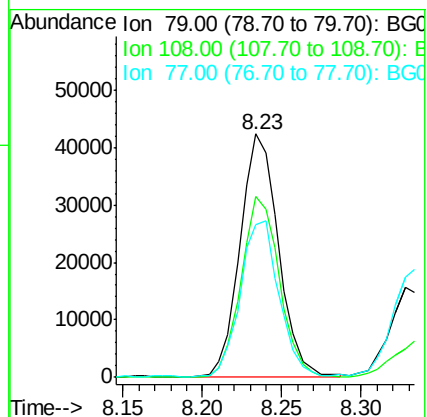
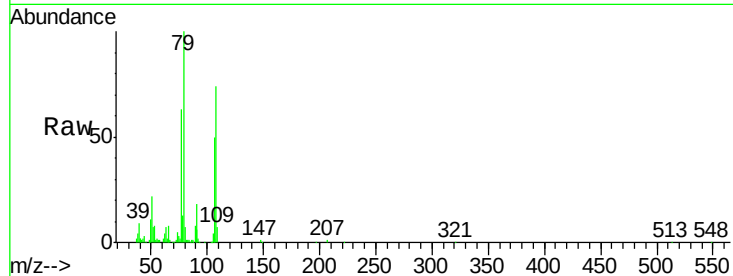
Tot Ion: 79 Resp: 71399

Ion Ratio Lower Upper

79 100

108 74.3 60.2 90.4

77 62.5 52.9 79.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 7.721 ng

RT: 8.54 min Scan# 928

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

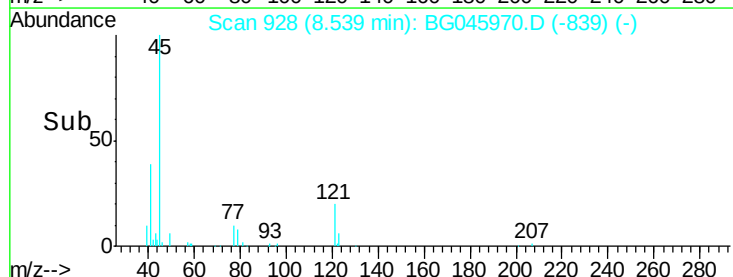
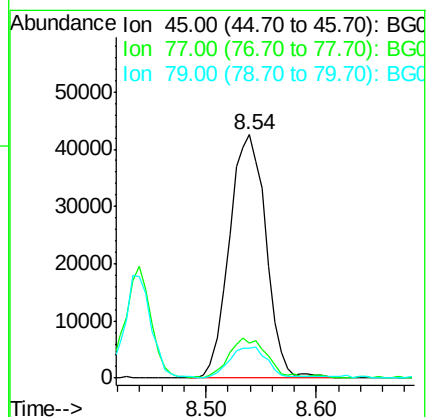
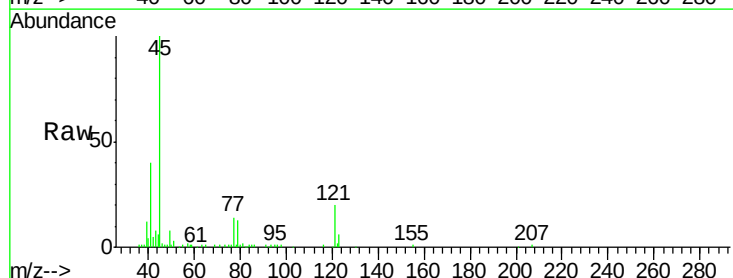
Tgt Ion: 45 Resp: 98788

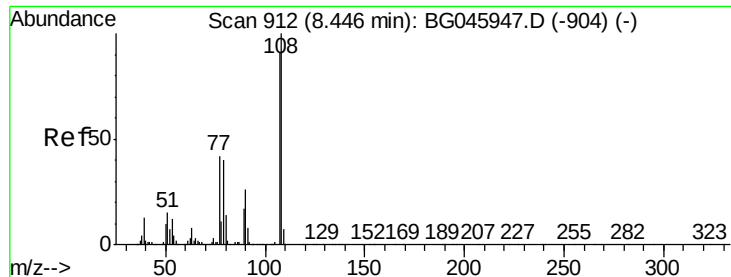
Ion Ratio Lower Upper

45 100

77 14.3 0.0 37.6

79 12.5 0.0 32.6





#17

2-Methylphenol

Concen: 7.076 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

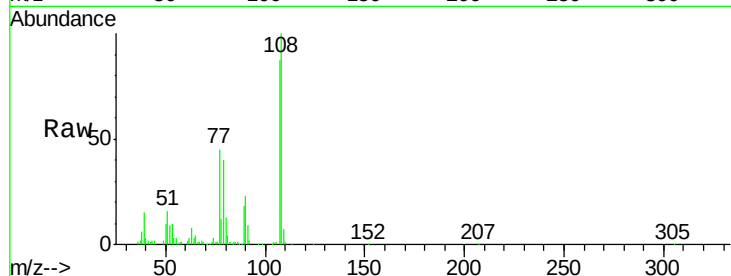
Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	107	Resp:	62957
Ion	Ratio	Lower	Upper
107	100		
108	115.3	88.2	132.4
77	51.4	37.0	55.4
79	46.6	35.4	53.0

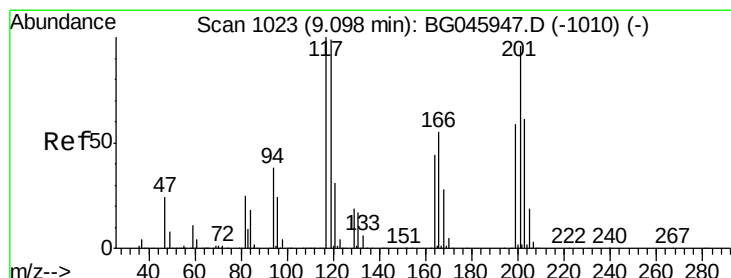
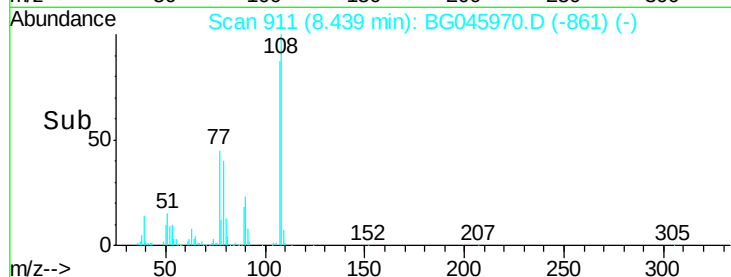
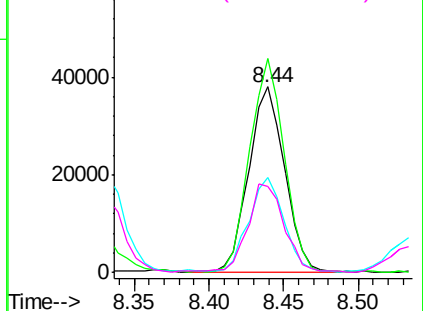


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 8.085 ng

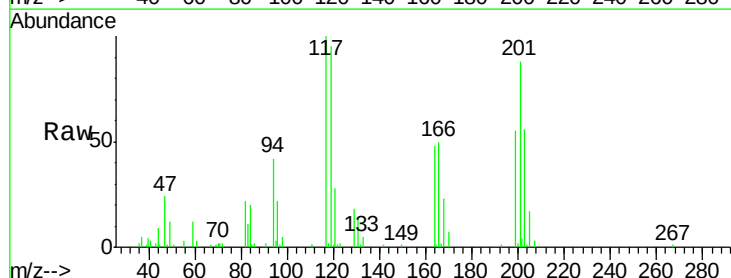
RT: 9.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

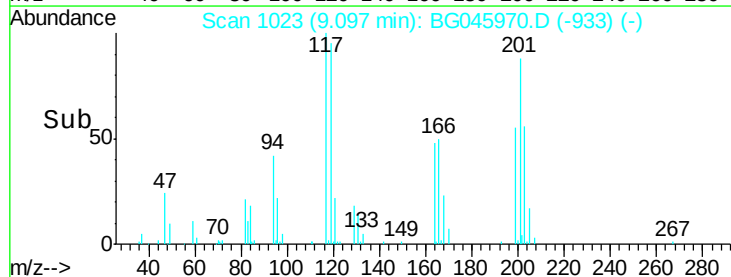
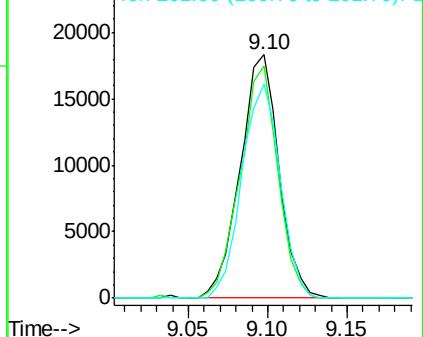
Tgt Ion:	117	Resp:	31178
Ion	Ratio	Lower	Upper
117	100		
119	95.3	79.5	119.3
201	88.0	77.0	115.4

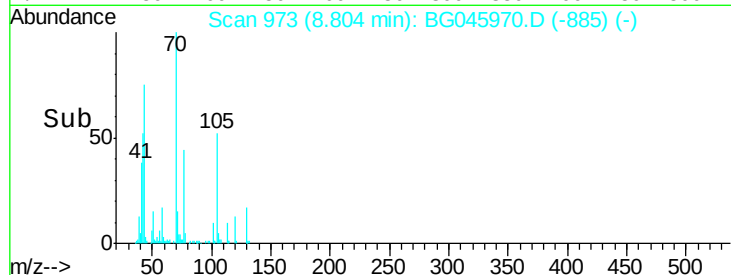
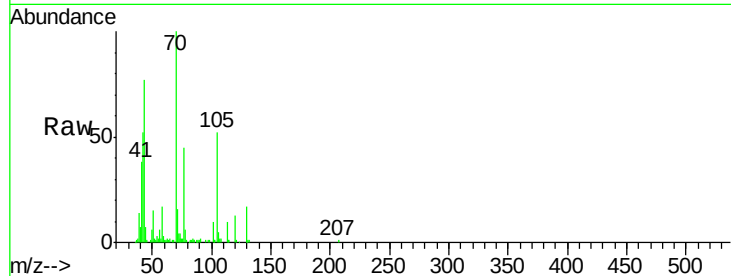
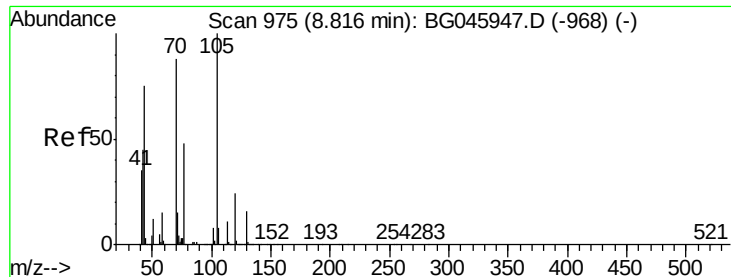


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

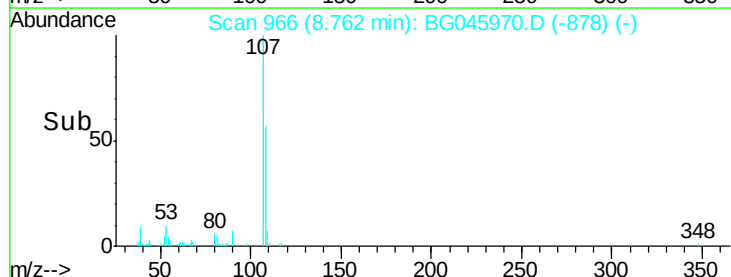
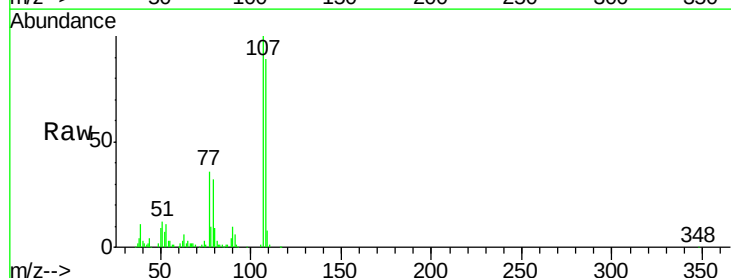
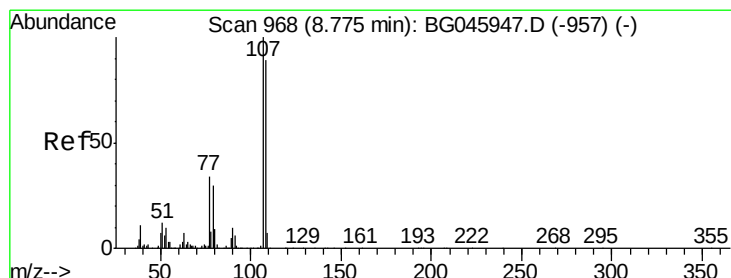
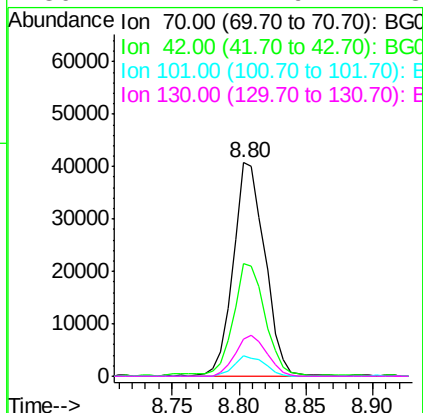




#19
n-Nitroso-di-n-propylamine
Concen: 8.090 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

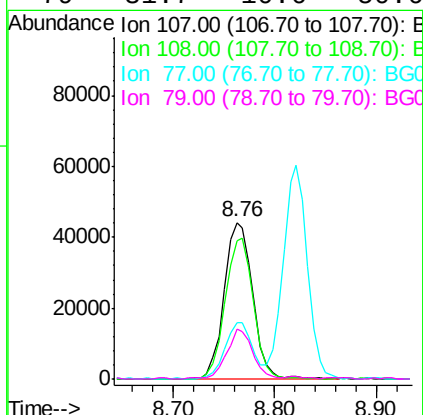
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

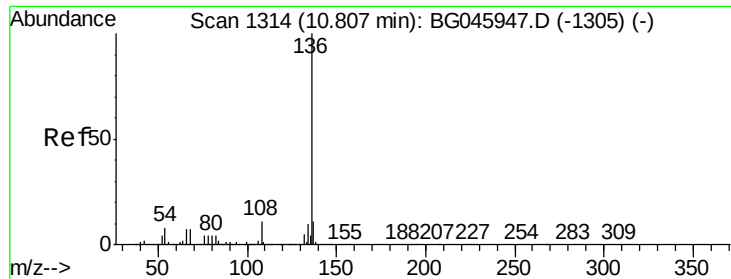
Tot Ion:	70	Resp:	67185
Ion	Ratio	Lower	Upper
70	100		
42	52.5	41.4	62.0
101	9.6	7.1	10.7
130	17.2	14.9	22.3



#20
3+4-Methylphenols
Concen: 7.085 ng
RT: 8.76 min Scan# 966
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:	107	Resp:	85916
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	36.0	14.6	54.6
79	31.7	10.6	50.6

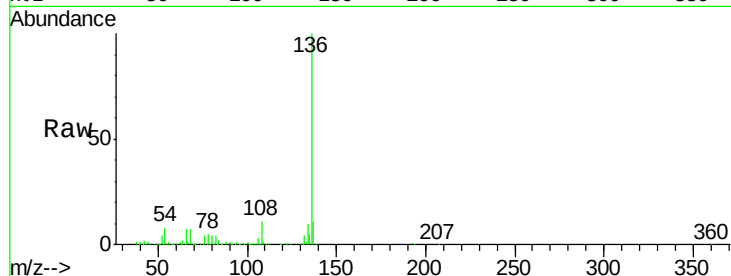




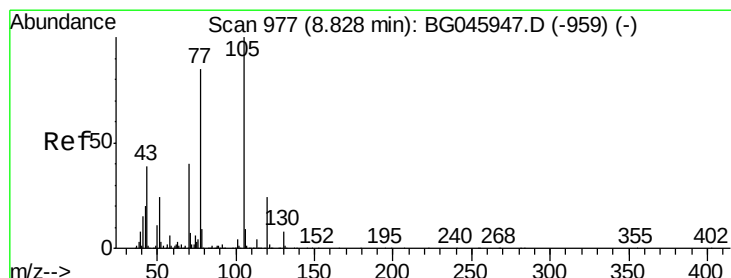
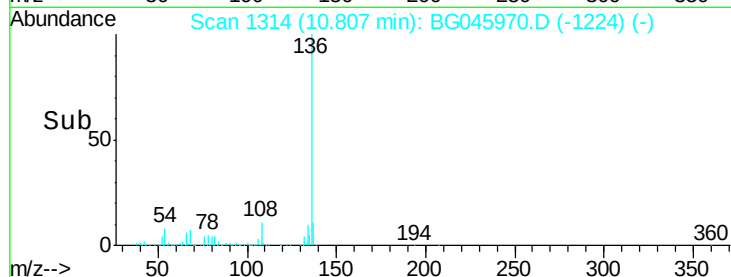
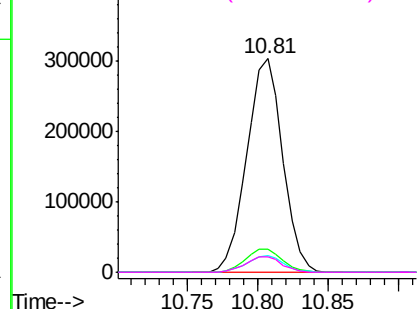
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

Tot Ion:136	Resp:	539228	
Ion Ratio	Lower	Upper	
136 100			
137 10.9	9.2	13.8	
54 7.7	6.2	9.4	
68 7.2	5.8	8.8	

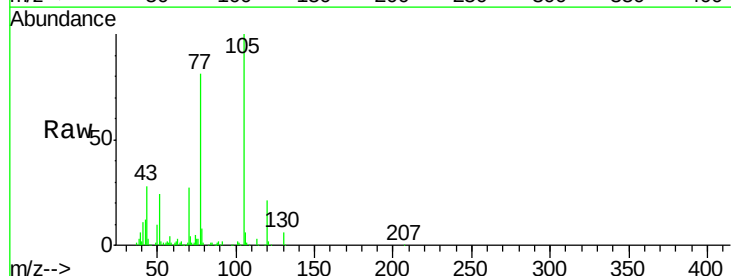


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

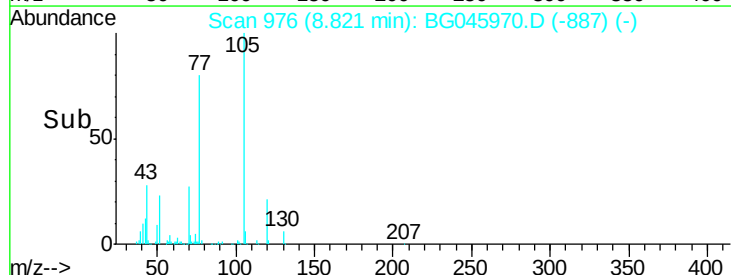
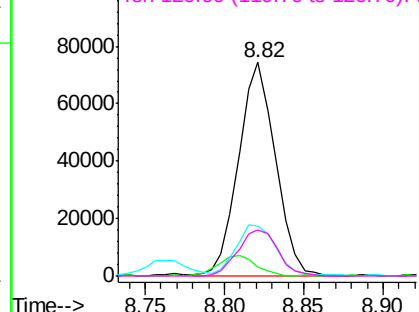


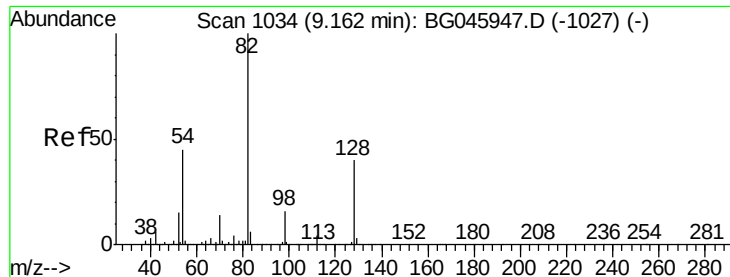
#22
Acetophenone
Concen: 8.276 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt	Ion:105	Resp:	119219
Ion	Ratio	Lower	Upper
105	100		
71	4.1	6.2	9.2#
51	23.6	19.7	29.5
120	21.4	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



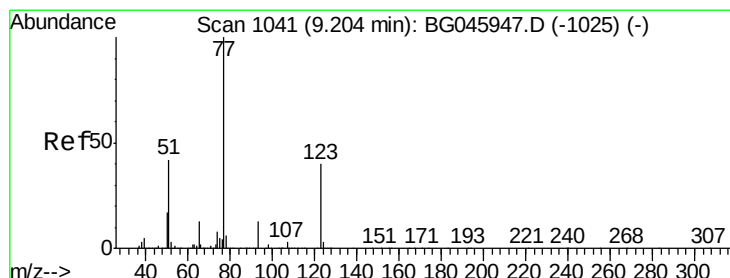
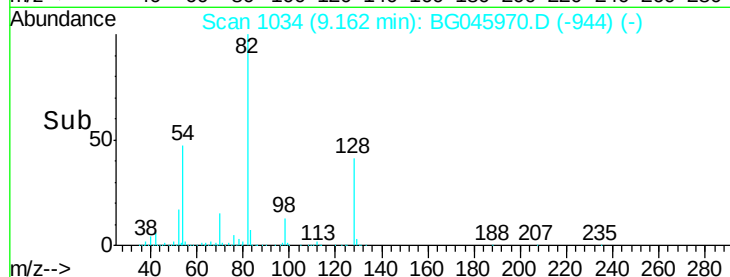
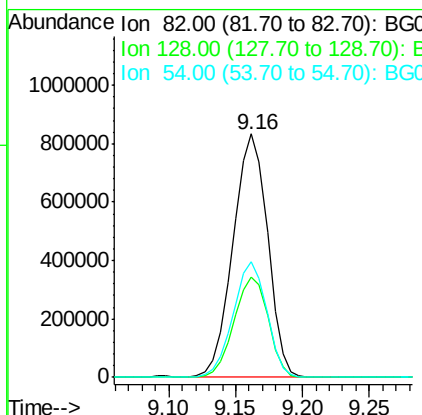
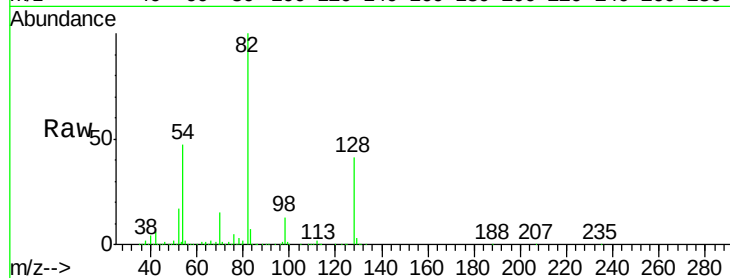


#23
 Nitrobenzene-d5
 Concen: 159.680 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.00 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

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

Tot Ion: 82 Resp: 1495953

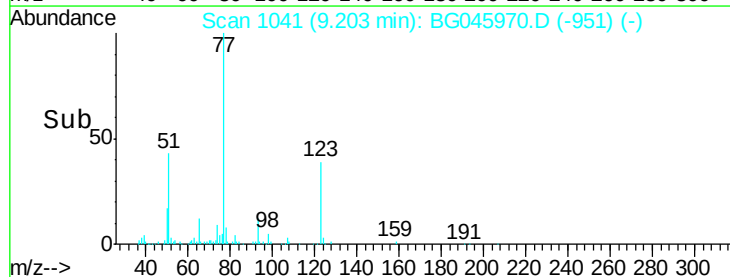
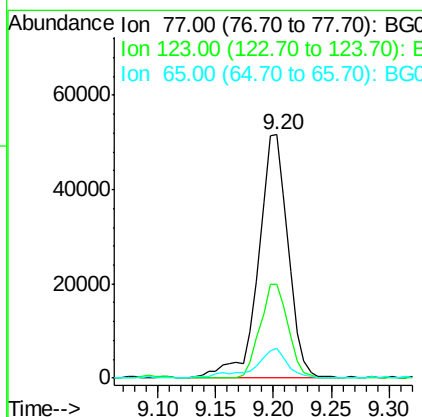
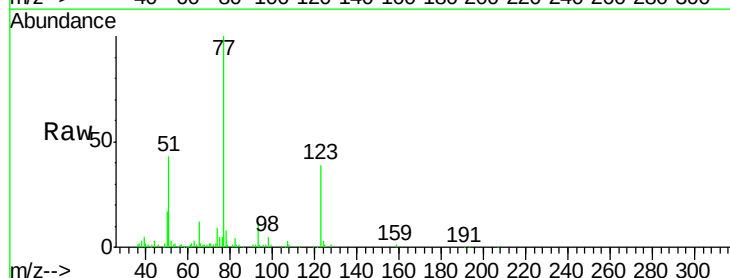
Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.2	48.4
54	47.3	35.8	53.6

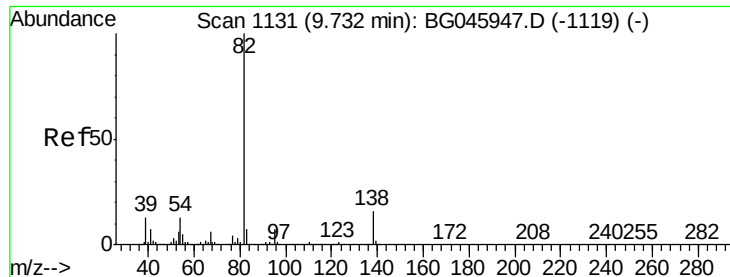


#24
 Nitrobenzene
 Concen: 9.000 ng
 RT: 9.20 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion: 77 Resp: 93061

Ion	Ratio	Lower	Upper
77	100		
123	38.7	32.7	49.1
65	12.4	10.2	15.4





#25

Isophorone

Concen: 7.629 ng

RT: 9.73 min Scan# 1130

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

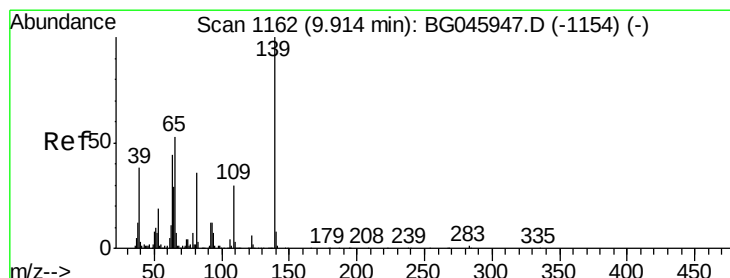
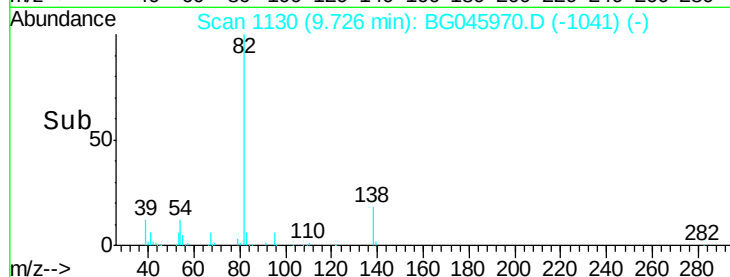
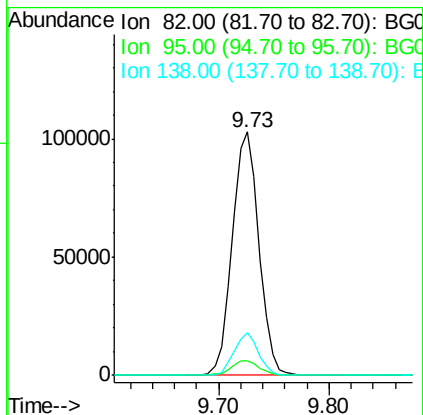
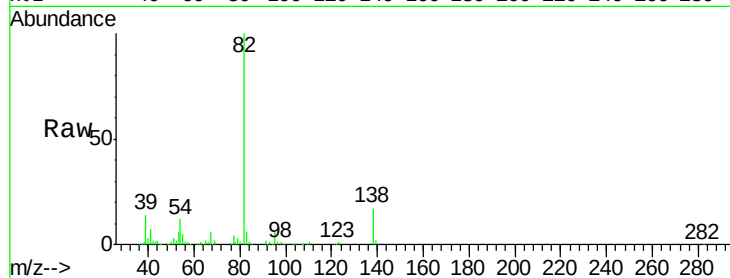
Tot Ion: 82 Resp: 174488

Ion Ratio Lower Upper

82 100

95 6.1 5.8 8.6

138 17.3 12.9 19.3



#26

2-Nitrophenol

Concen: 7.444 ng

RT: 9.91 min Scan# 1161

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

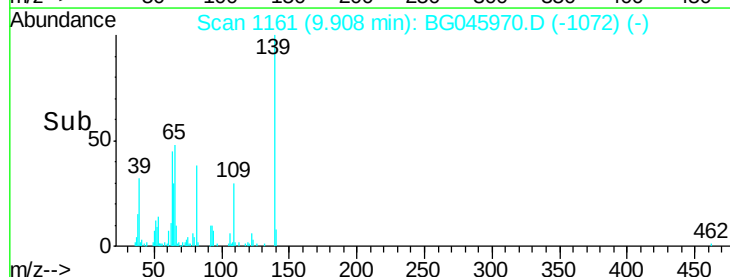
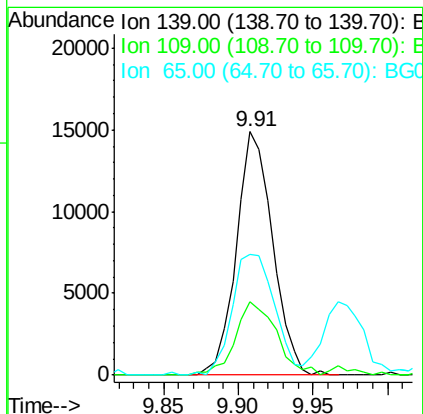
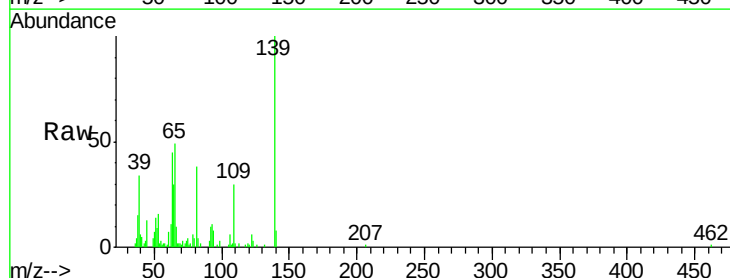
Tgt Ion: 139 Resp: 25089

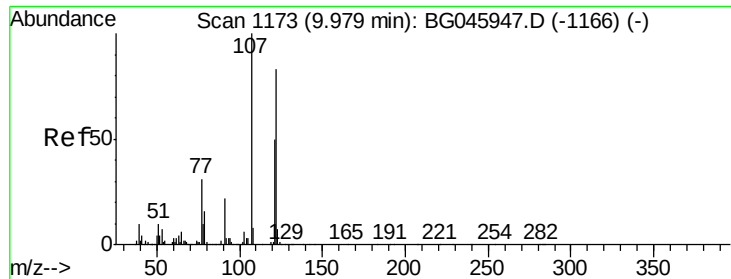
Ion Ratio Lower Upper

139 100

109 30.3 24.6 37.0

65 49.4 42.6 64.0

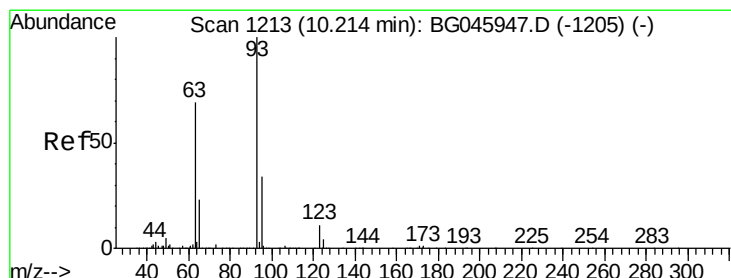
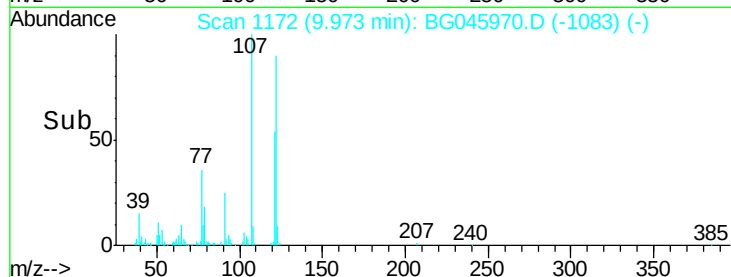
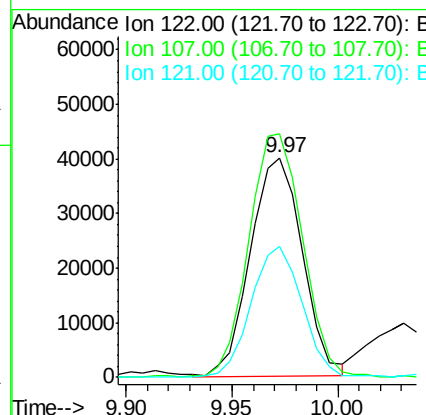
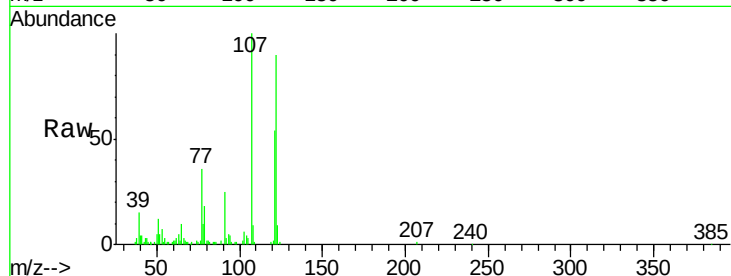




#27
 2,4-Dimethylphenol
 Concen: 8.431 ng
 RT: 9.97 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

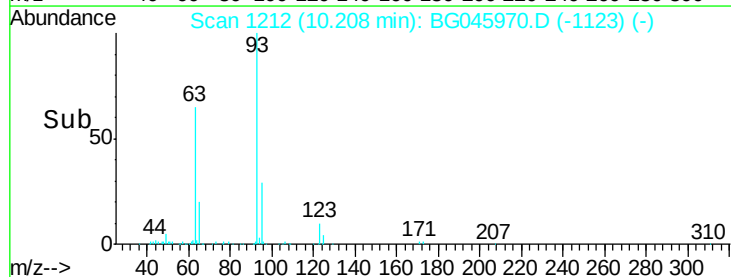
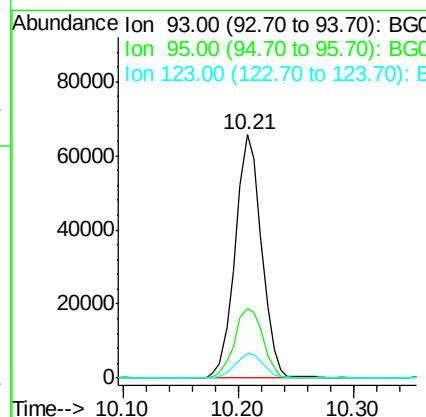
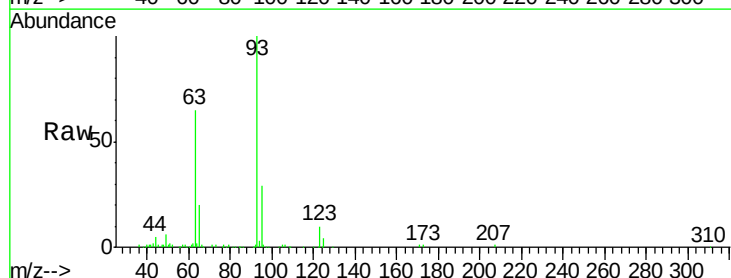
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

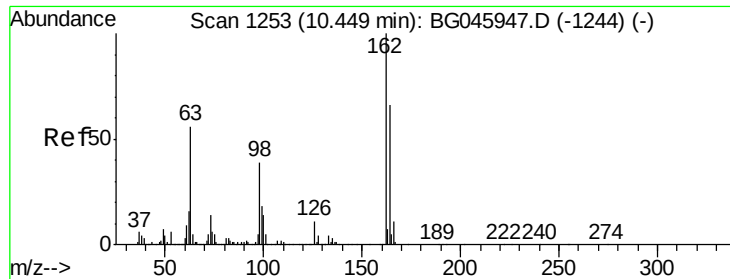
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.8	95.6	143.4
121	59.7	47.7	71.5



#28
 bis(2-Chloroethoxy)methane
 Concen: 8.067 ng
 RT: 10.21 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.6	27.5	41.3
123	10.2	9.2	13.8

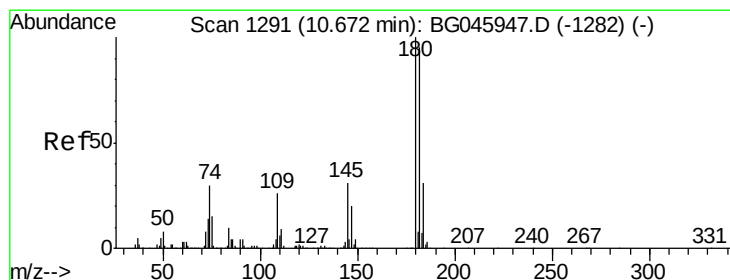
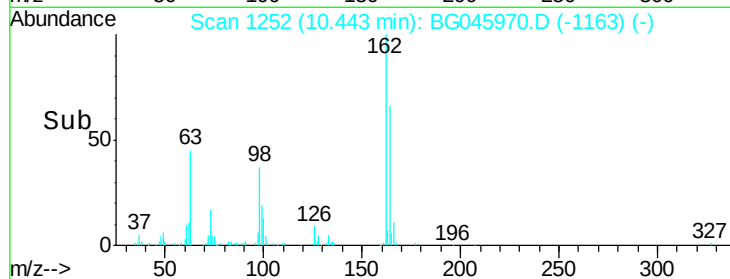
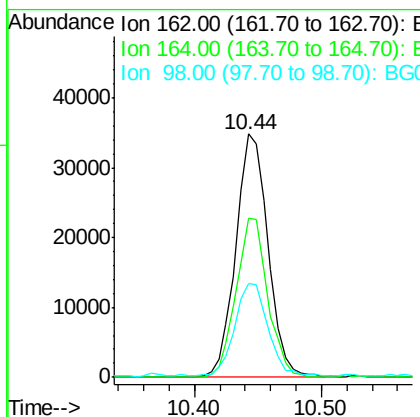
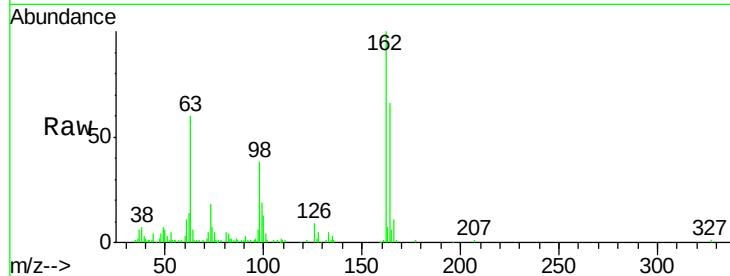




#29
2,4-Dichlorophenol
Concen: 7.276 ng
RT: 10.44 min Scan# 1252
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

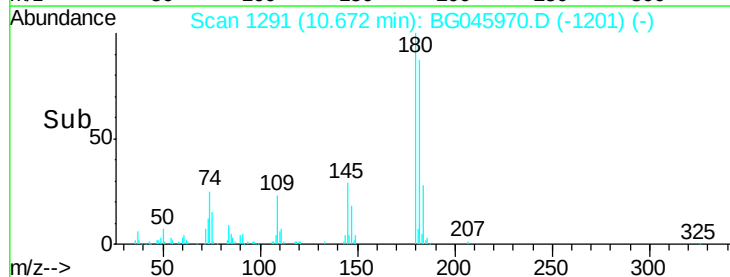
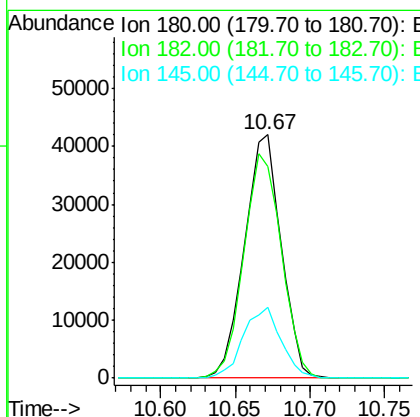
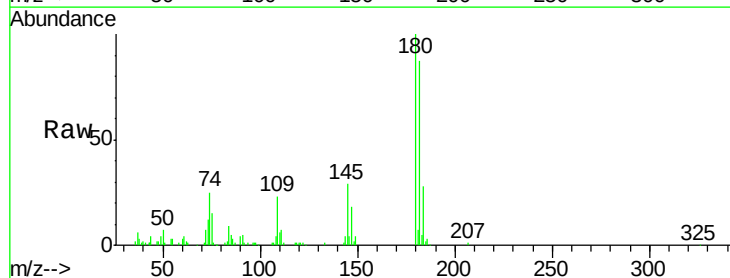
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

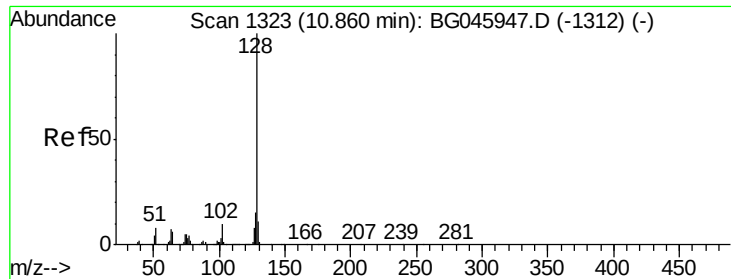
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.6	46.0	86.0
98	38.5	19.2	59.2



#30
1,2,4-Trichlorobenzene
Concen: 7.649 ng
RT: 10.67 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	87.1	76.3	114.5
145	29.2	24.8	37.2

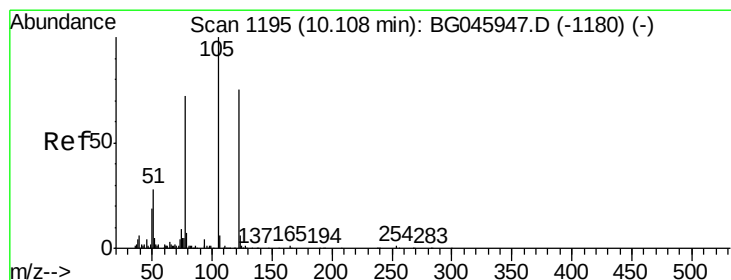
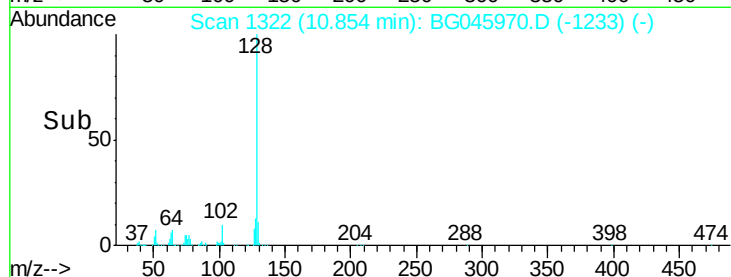
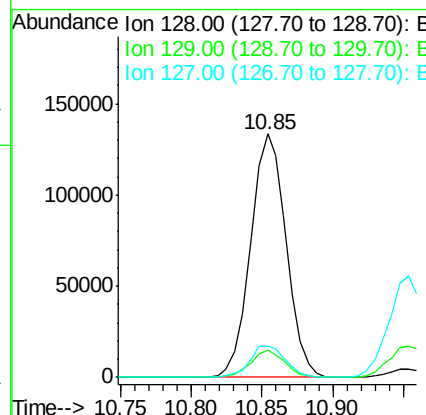
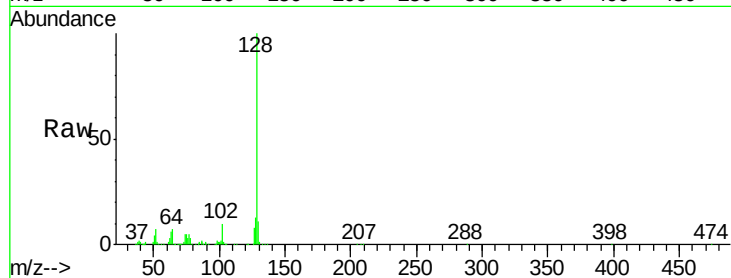




#31
Naphthalene
Concen: 8.116 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

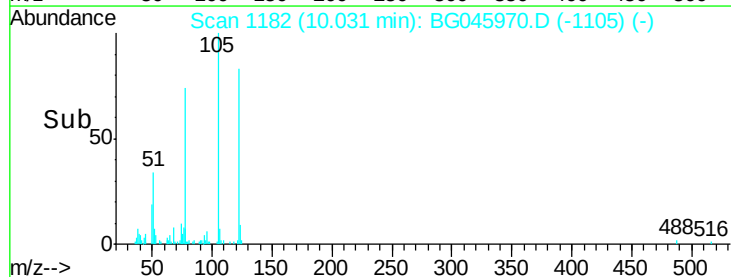
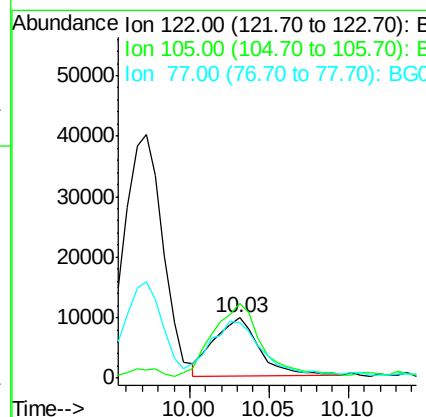
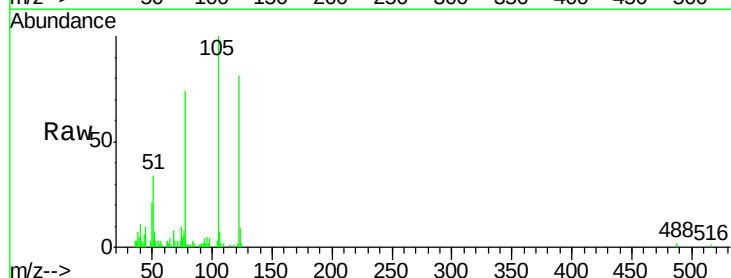
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

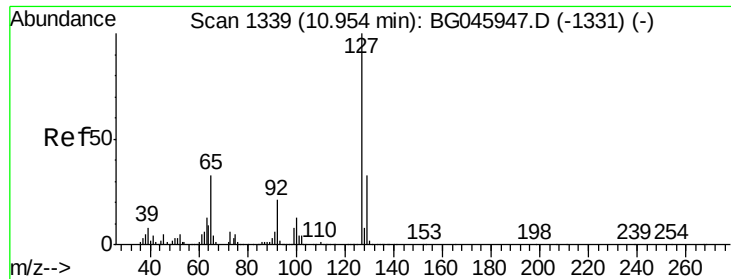
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	12.9	11.8	17.6



#32
Benzoic acid
Concen: 4.461 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.08 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.9	110.8	150.8
77	91.3	76.4	116.4

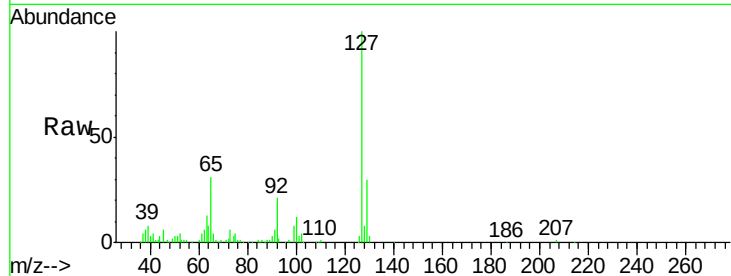




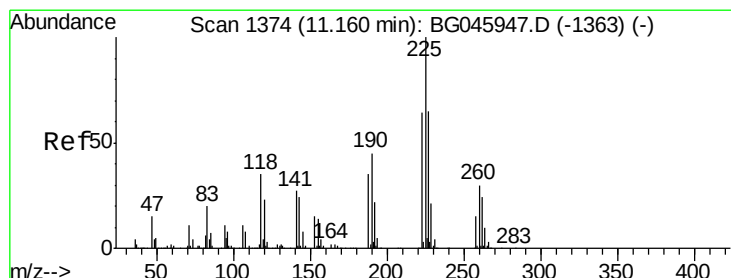
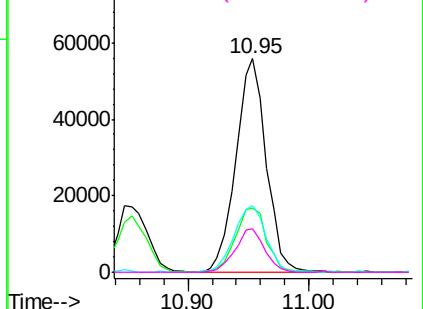
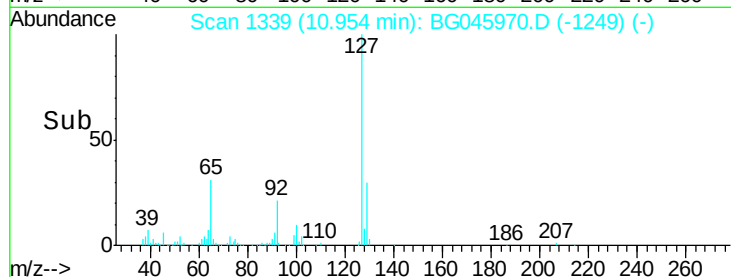
#33
4-Chloroaniline
Concen: 7.551 ng
RT: 10.95 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

Tot Ion:127	Resp:	97539
Ion	Ratio	Lower Upper
127	100	
129	30.2	26.6 39.8
65	31.4	26.8 40.2
92	20.6	17.0 25.4

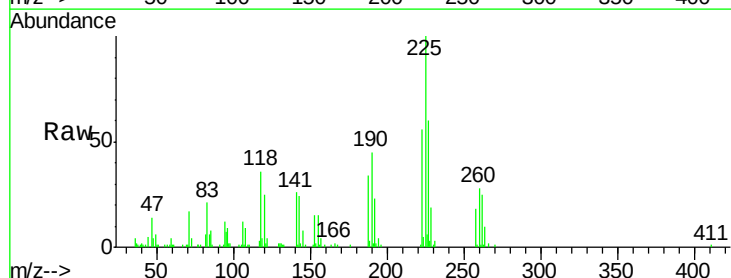


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BGO
Ion 92.00 (91.70 to 92.70): BGO

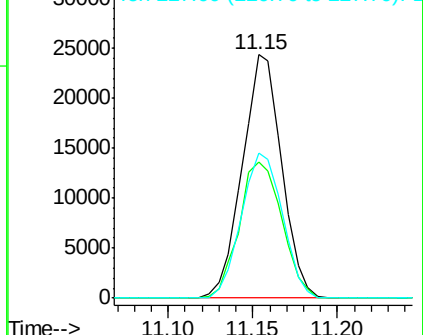
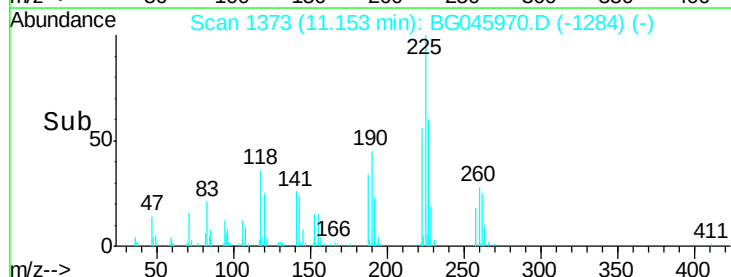


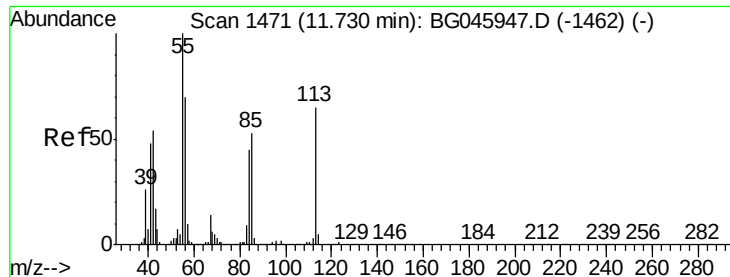
#34
Hexachlorobutadiene
Concen: 7.234 ng
RT: 11.15 min Scan# 1373
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:225	Resp:	39441
Ion	Ratio	Lower Upper
225	100	
223	55.8	51.2 76.8
227	59.8	52.3 78.5



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 6.596 ng

RT: 11.69 min Scan# 1465

Delta R.T. -0.04 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

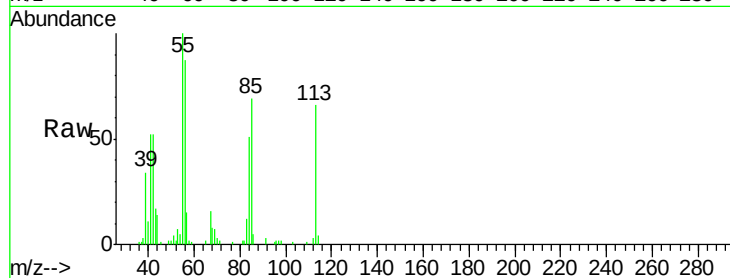
Tot Ion:113 Resp: 21103

Ion Ratio Lower Upper

113 100

55 151.9 141.6 181.6

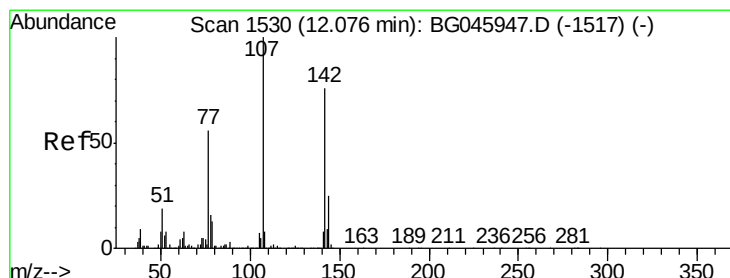
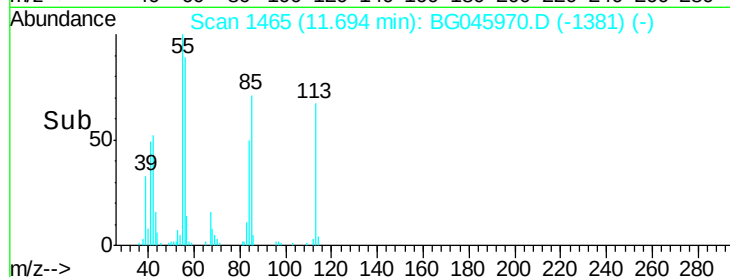
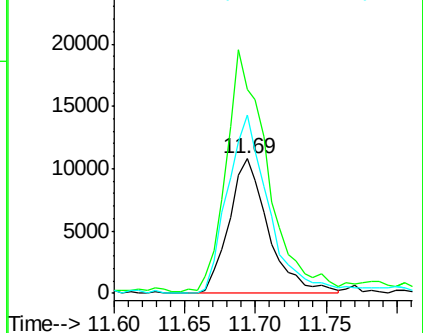
56 132.2 89.6 129.6#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 7.441 ng

RT: 12.07 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

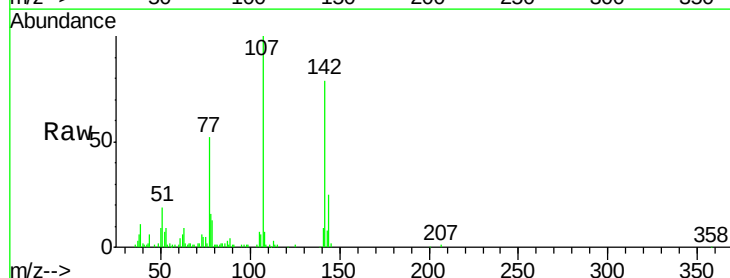
Tgt Ion:107 Resp: 71418

Ion Ratio Lower Upper

107 100

144 24.8 20.0 30.0

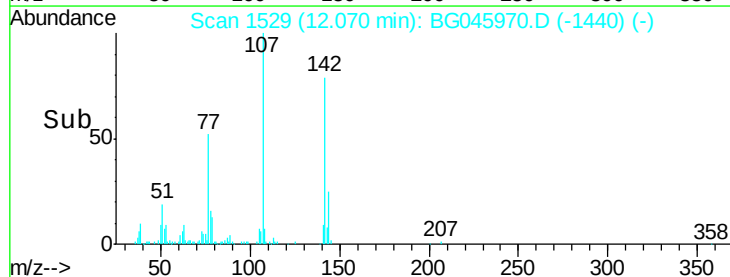
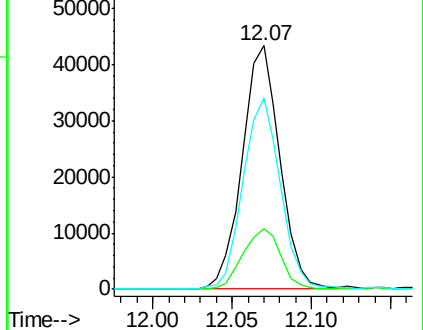
142 78.7 61.1 91.7

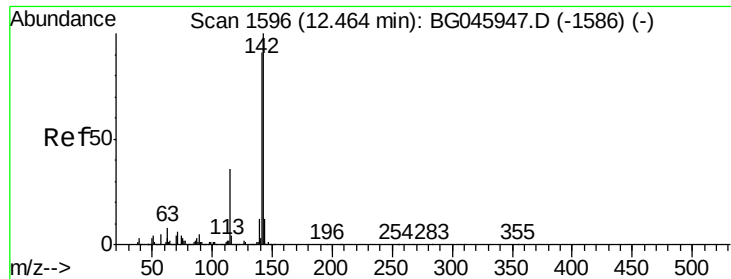


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

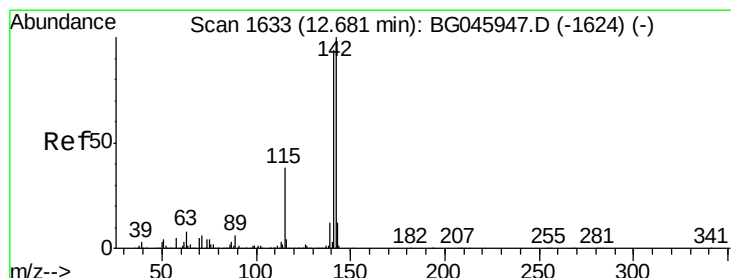
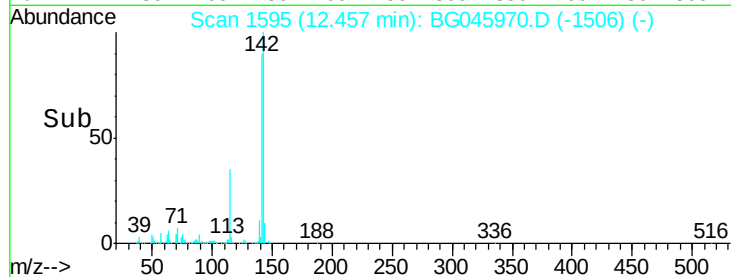
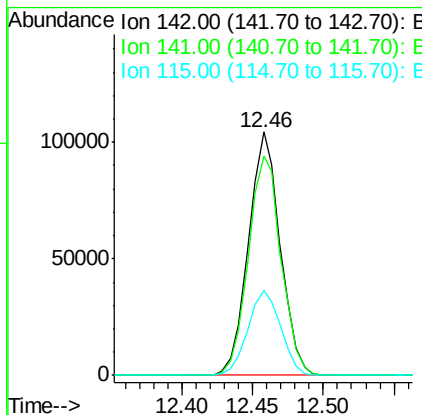
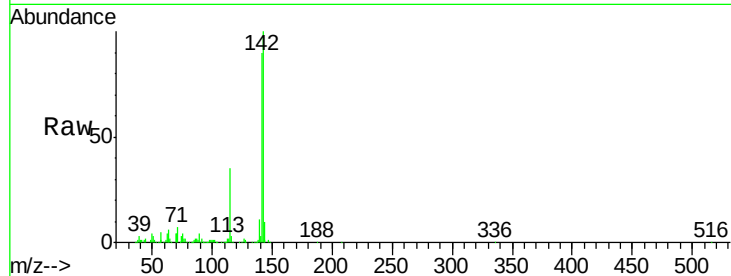




#37
2-Methylnaphthalene
Concen: 7.996 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

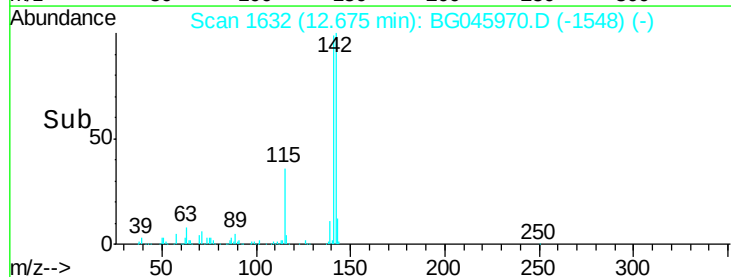
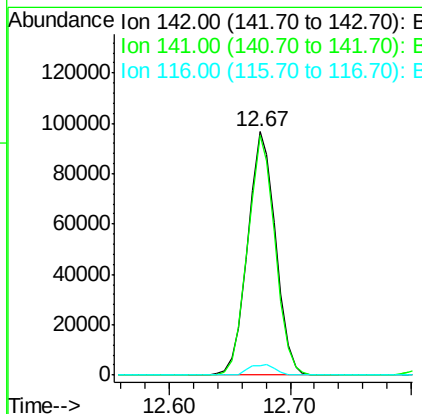
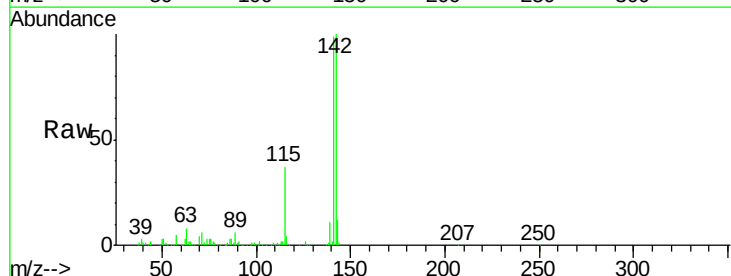
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

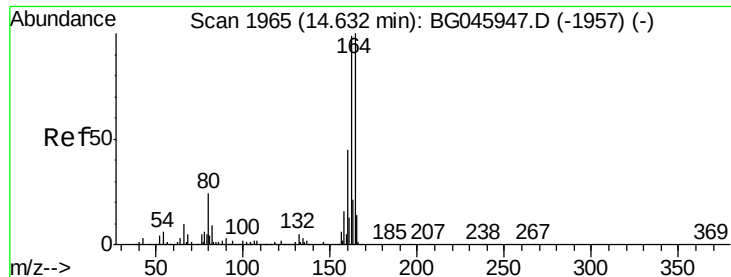
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.0	109.6
115	34.6	28.8	43.2



#38
1-Methylnaphthalene
Concen: 8.005 ng
RT: 12.67 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.7	75.2	112.8
116	3.7	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.63 min Scan# 1965

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

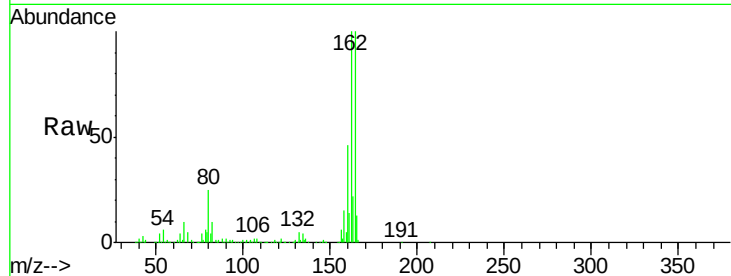
Tot Ion:164 Resp: 322646

Ion Ratio Lower Upper

164 100

162 100.4 79.3 118.9

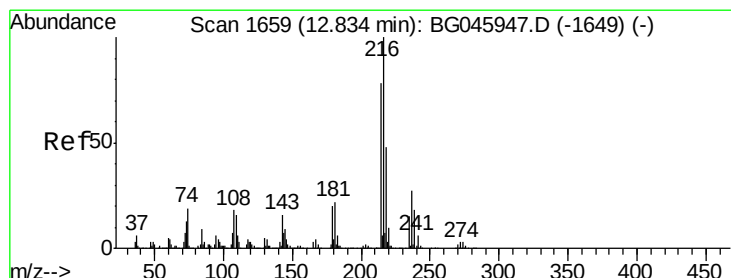
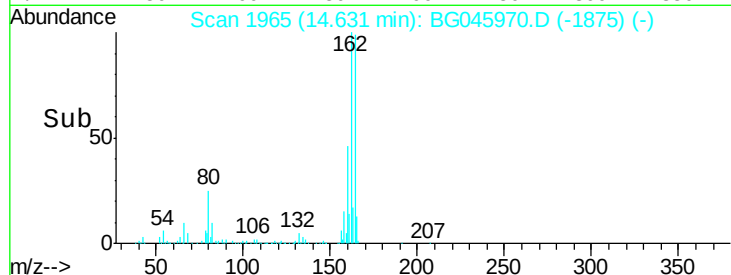
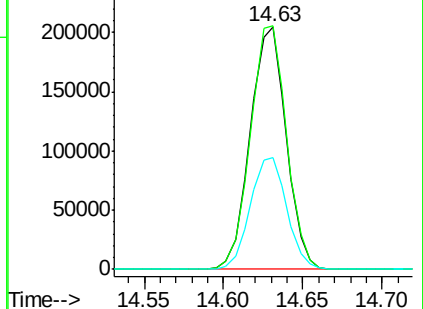
160 46.1 35.7 53.5



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: 8.292 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Tgt Ion:216 Resp: 75420

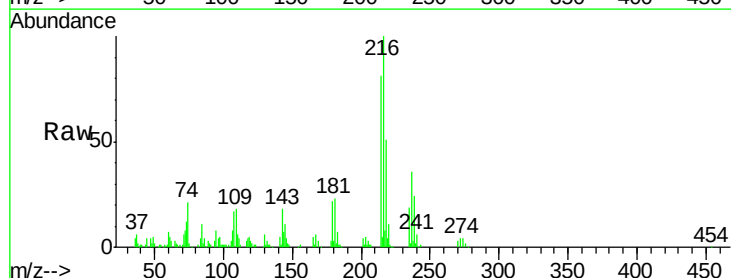
Ion Ratio Lower Upper

216 100

214 79.9 63.0 94.4

179 21.0 17.0 25.6

108 19.9 17.3 25.9

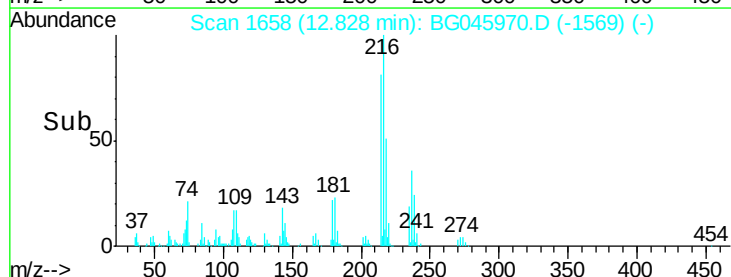
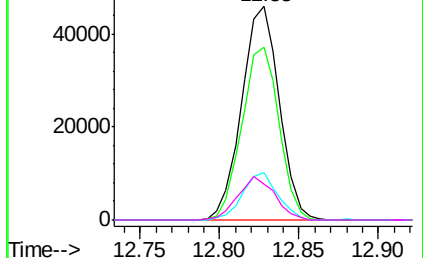


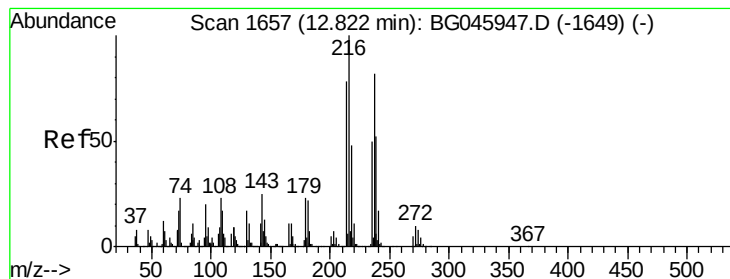
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.019 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

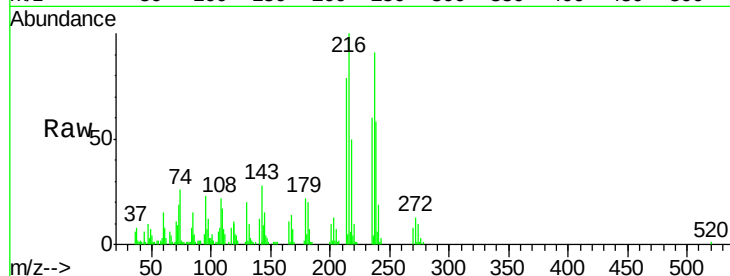
Tot Ion:237 Resp: 43274

Ion Ratio Lower Upper

237 100

235 66.8 41.5 81.5

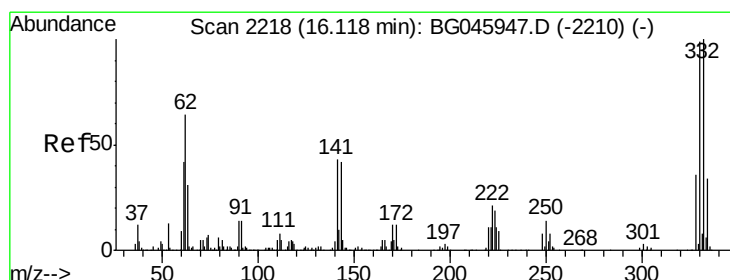
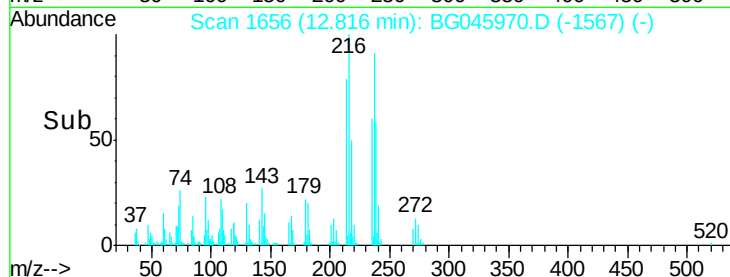
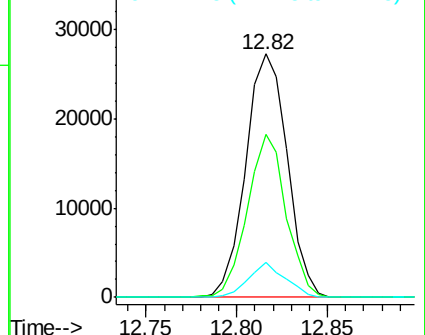
272 14.1 0.0 31.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 176.010 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

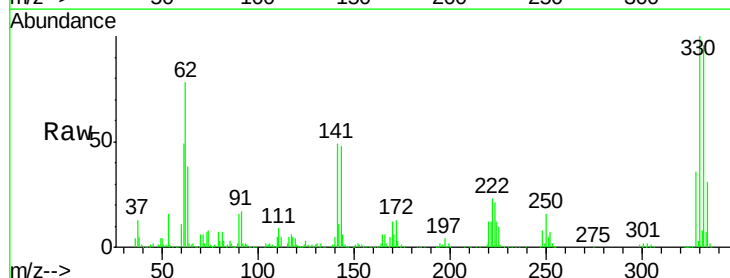
Tgt Ion:330 Resp: 527059

Ion Ratio Lower Upper

330 100

332 96.5 78.3 117.5

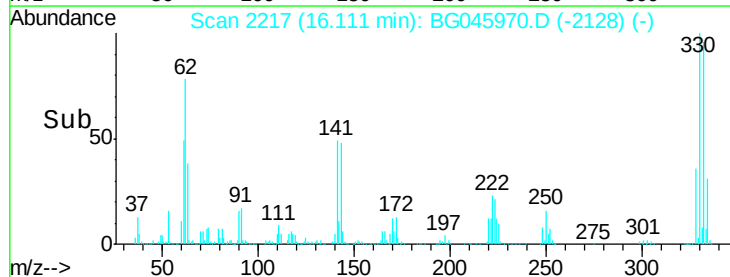
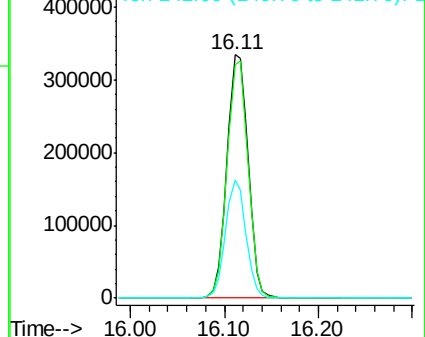
141 46.9 36.6 54.8

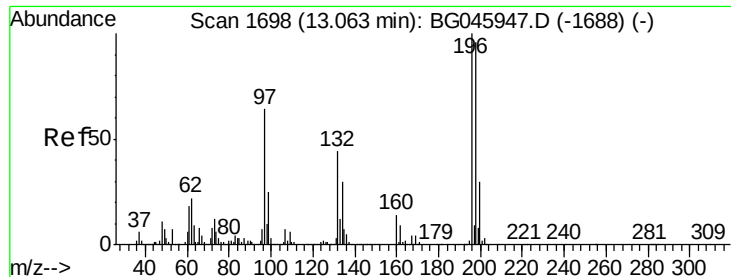


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

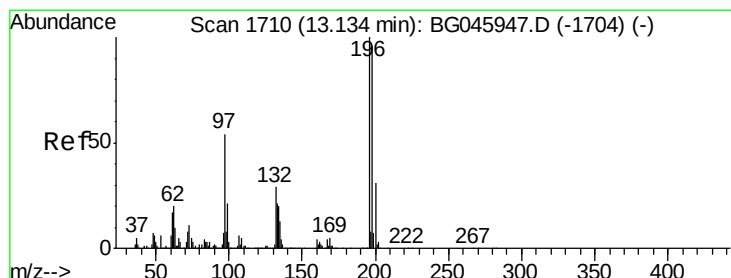
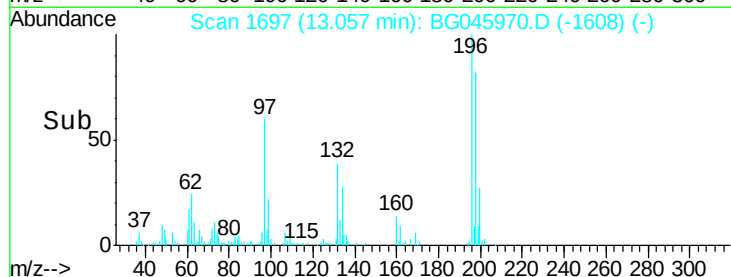
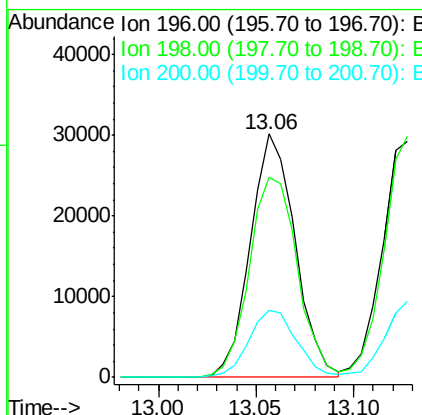
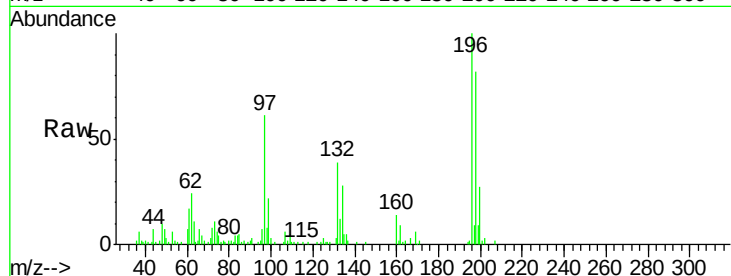




#43
 2,4,6-Trichlorophenol
 Concen: 7.787 ng
 RT: 13.06 min Scan# 1697
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

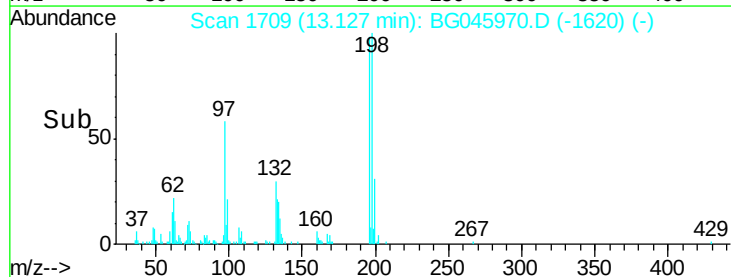
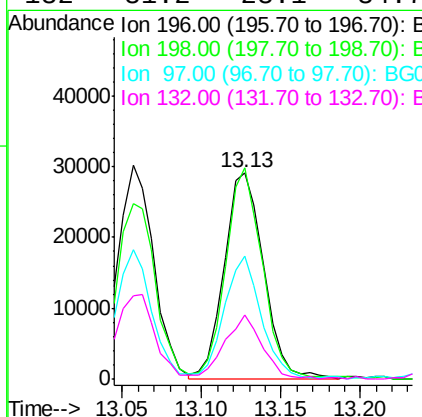
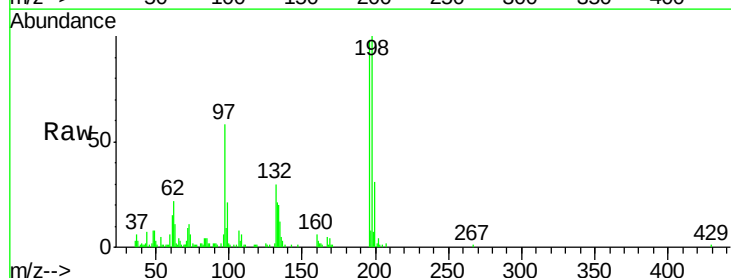
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

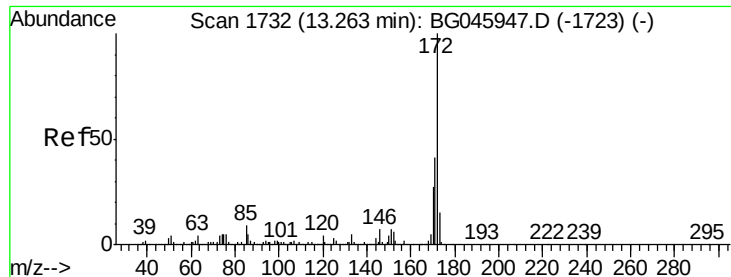
Tot Ion:196 Resp: 47898
 Ion Ratio Lower Upper
 196 100
 198 81.9 76.7 115.1
 200 27.3 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 7.234 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion:196 Resp: 50308
 Ion Ratio Lower Upper
 196 100
 198 102.4 77.0 115.6
 97 59.7 44.3 66.5
 132 31.2 23.1 34.7

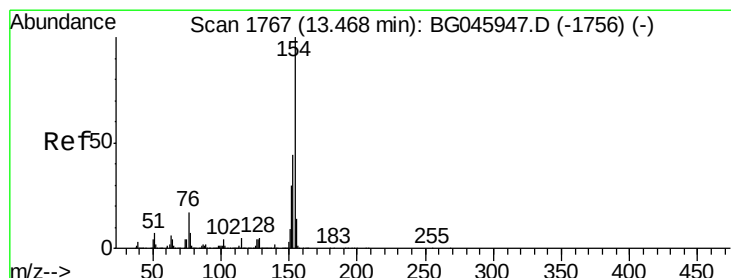
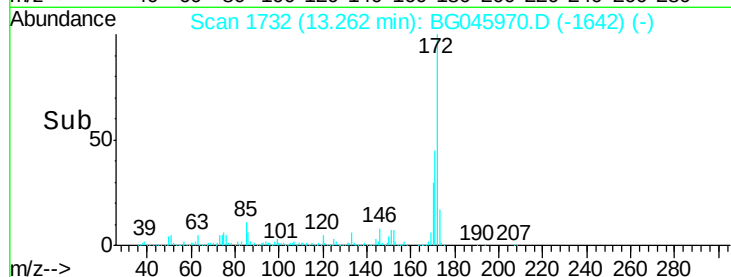
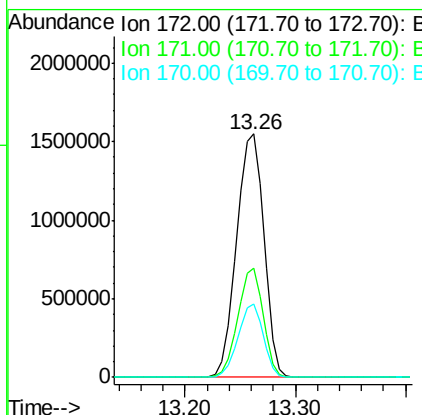
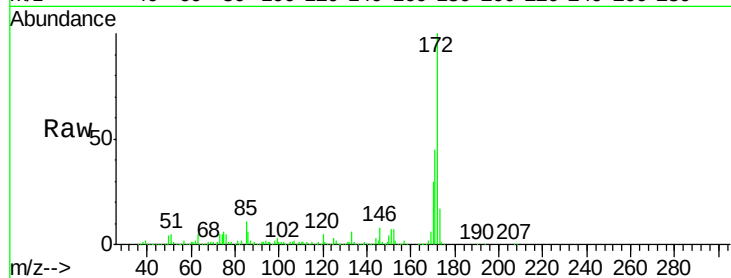




#45
2-Fluorobiphenyl
Concen: 130.669 ng
RT: 13.26 min Scan# 1732
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

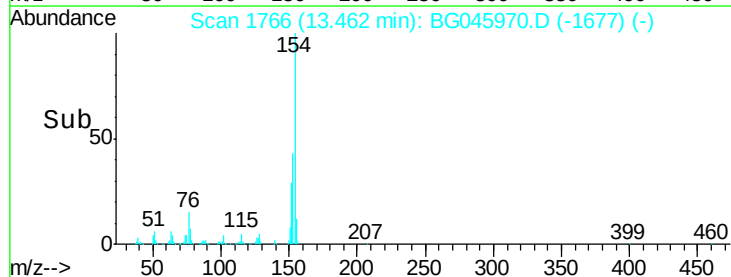
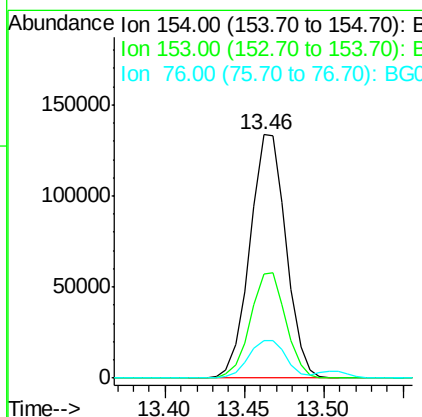
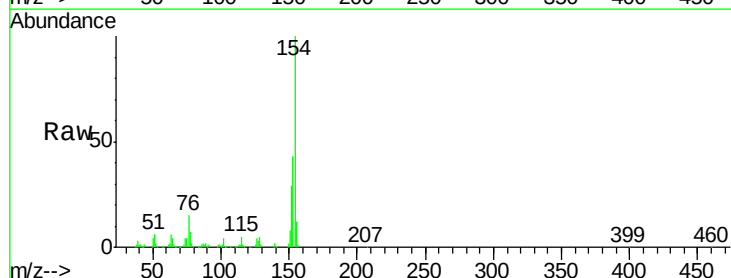
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

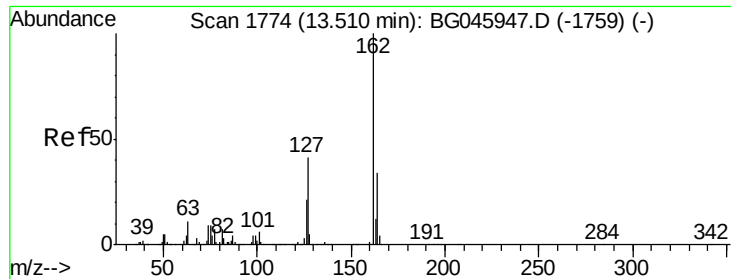
Tot Ion:172 Resp: 2702853
Ion Ratio Lower Upper
172 100
171 45.1 32.9 49.3
170 30.1 21.8 32.6



#46
1,1'-Biphenyl
Concen: 8.715 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:154 Resp: 211532
Ion Ratio Lower Upper
154 100
153 42.6 23.6 63.6
76 15.3 0.0 36.9

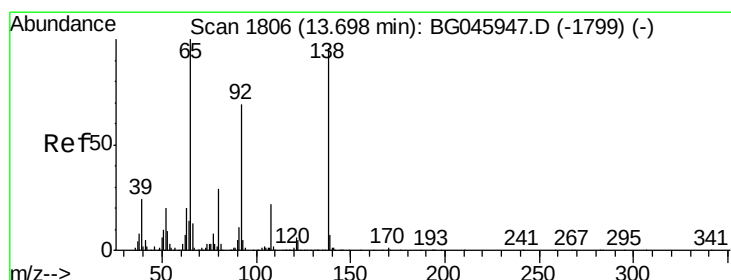
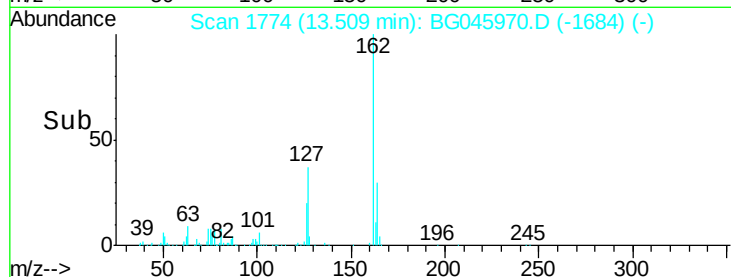
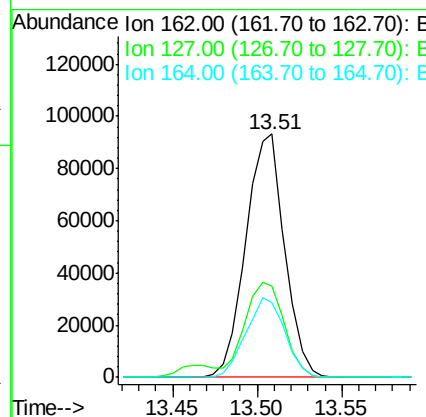
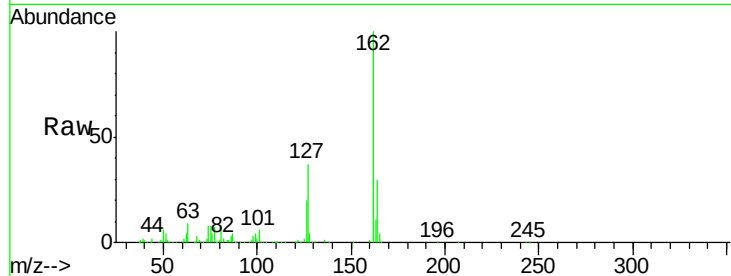




#47
2-Chloronaphthalene
Concen: 7.755 ng
RT: 13.51 min Scan# 1774
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

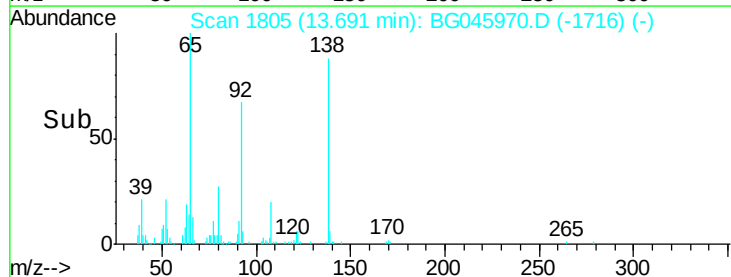
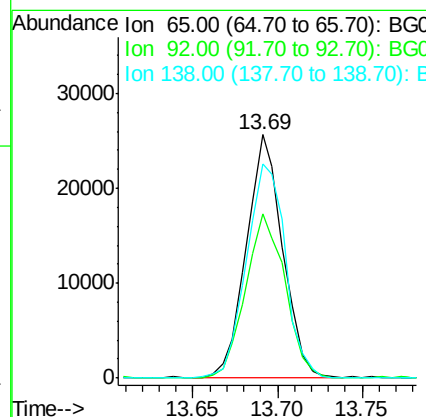
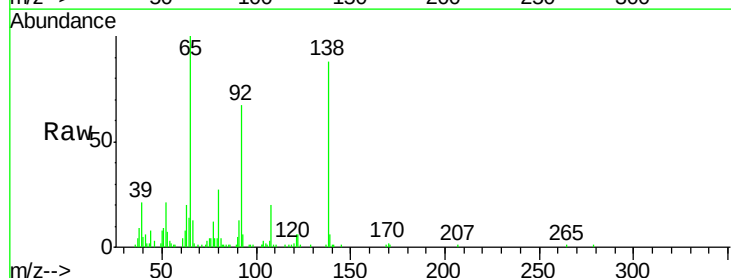
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

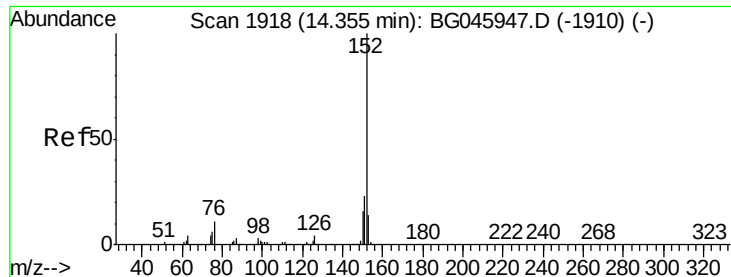
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.4	32.5	48.7
164	30.4	27.2	40.8



#48
2-Nitroaniline
Concen: 8.582 ng
RT: 13.69 min Scan# 1805
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.4	83.0
138	87.9	77.0	115.4





#49

Acenaphthylene

Concen: 8.237 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

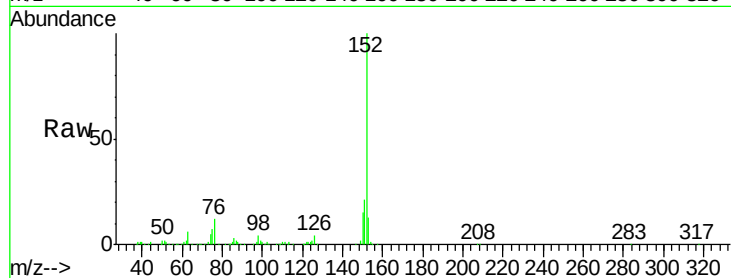
Tot Ion:152 Resp: 254496

Ion Ratio Lower Upper

152 100

151 21.0 18.1 27.1

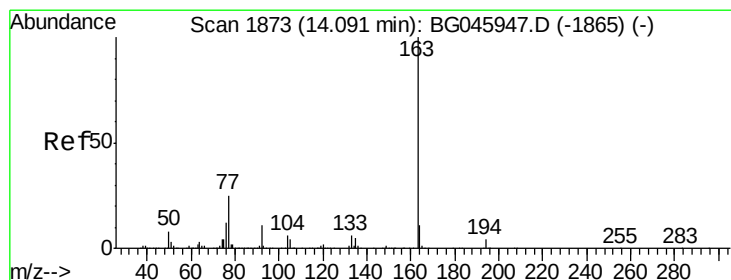
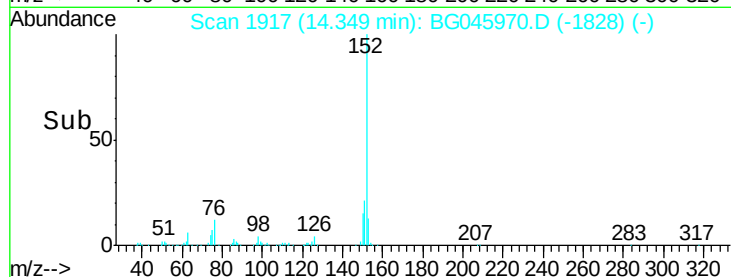
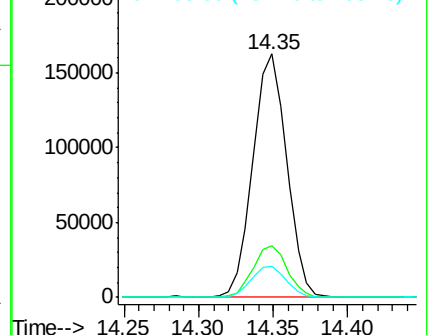
153 12.7 11.5 17.3



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: 7.940 ng

RT: 14.08 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

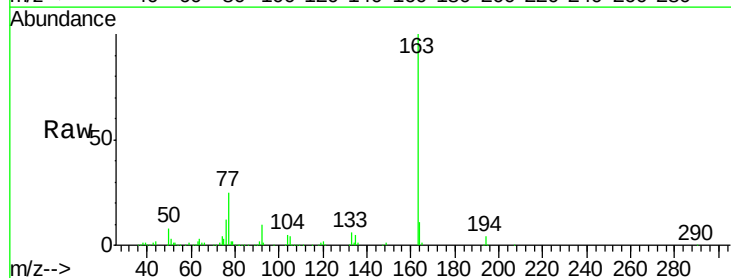
Tgt Ion:163 Resp: 192251

Ion Ratio Lower Upper

163 100

194 4.0 3.6 5.4

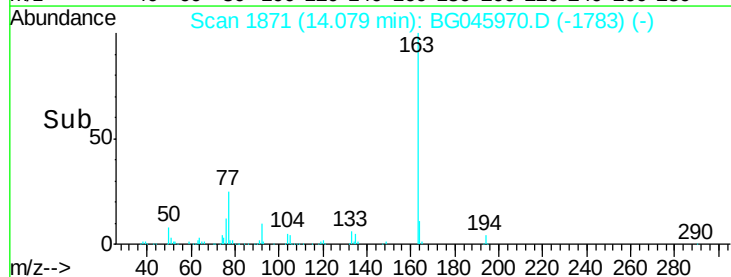
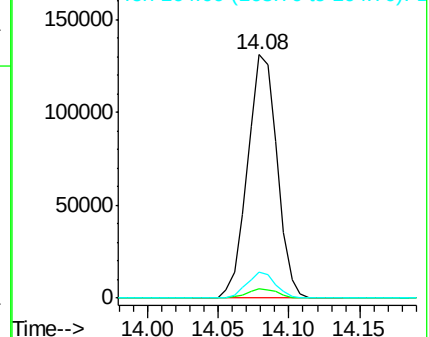
164 10.9 8.9 13.3

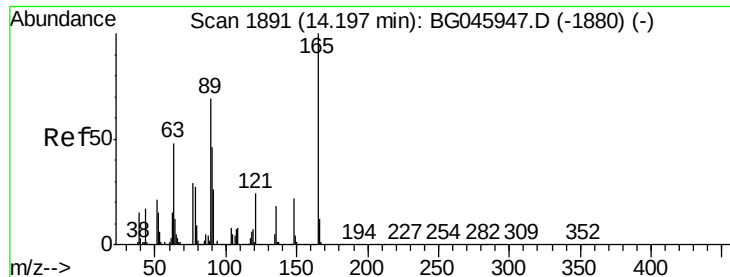


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 8.558 ng

RT: 14.18 min Scan# 1889

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

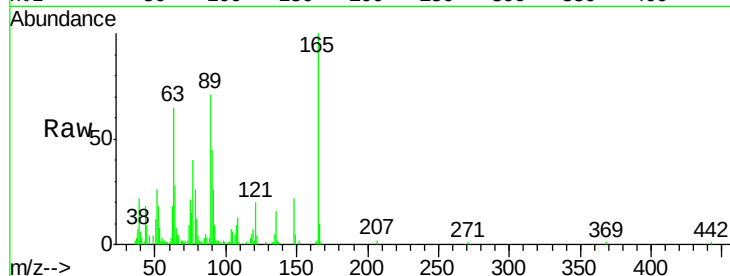
Tot Ion:165 Resp: 32153

Ion Ratio Lower Upper

165 100

63 65.3 51.0 76.4

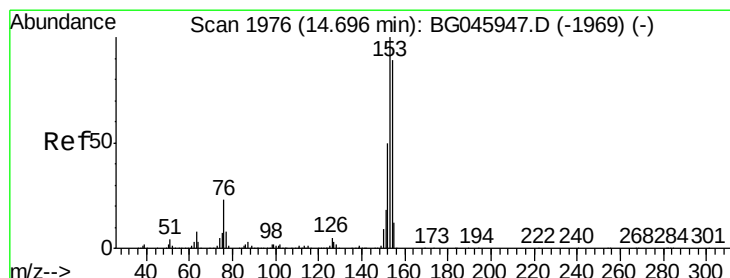
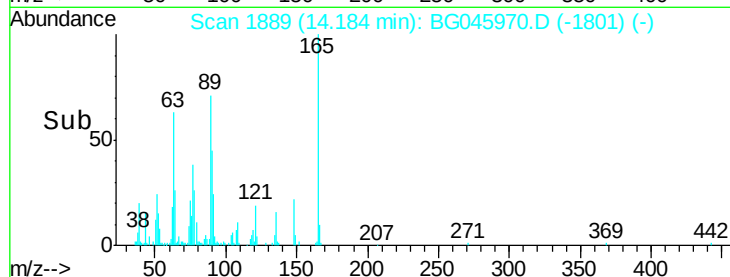
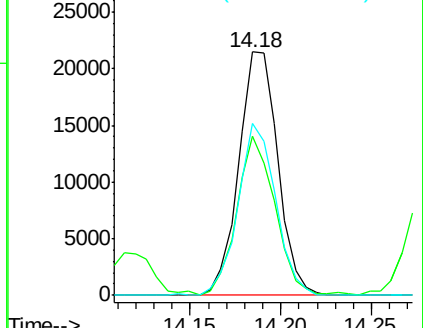
89 70.7 55.7 83.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 7.863 ng

RT: 14.69 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

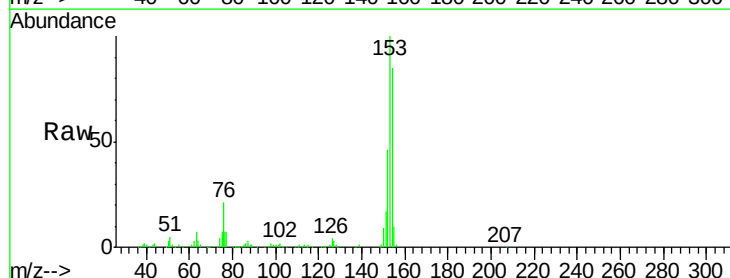
Tgt Ion:154 Resp: 153234

Ion Ratio Lower Upper

154 100

153 117.2 89.7 134.5

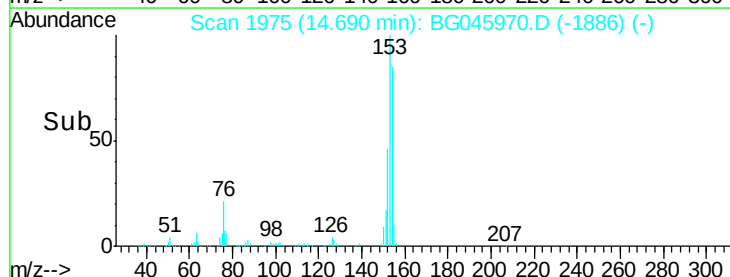
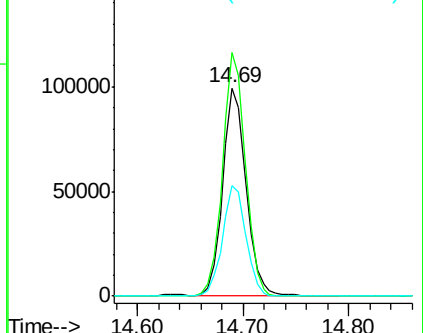
152 53.4 44.7 67.1

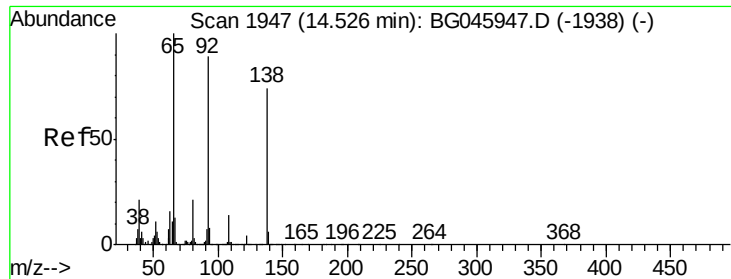


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 7.970 ng

RT: 14.51 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

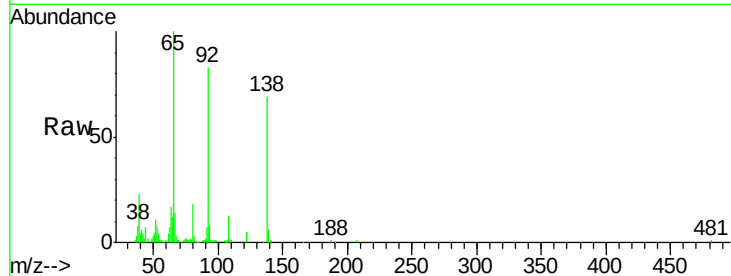
Tot Ion:138 Resp: 37108

Ion Ratio Lower Upper

138 100

108 18.1 15.4 23.2

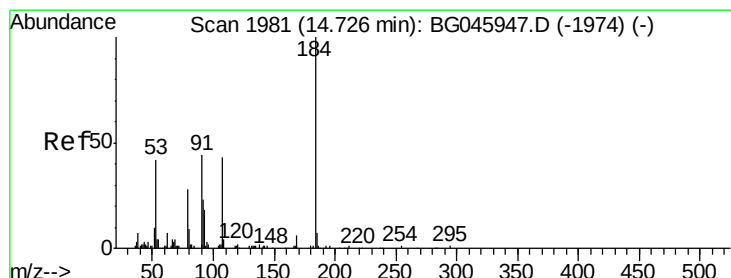
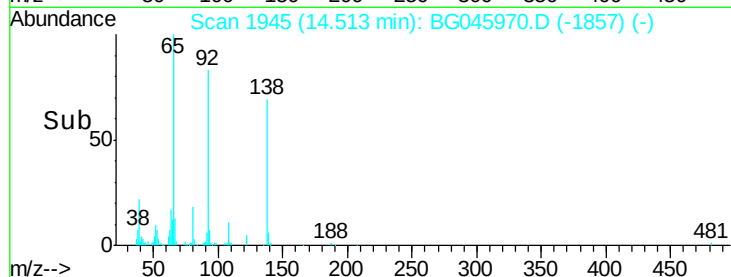
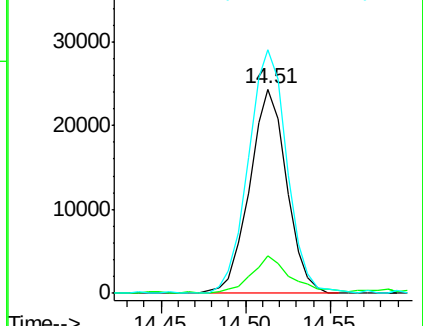
92 119.3 95.9 143.9



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: 5.568 ng

RT: 14.72 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

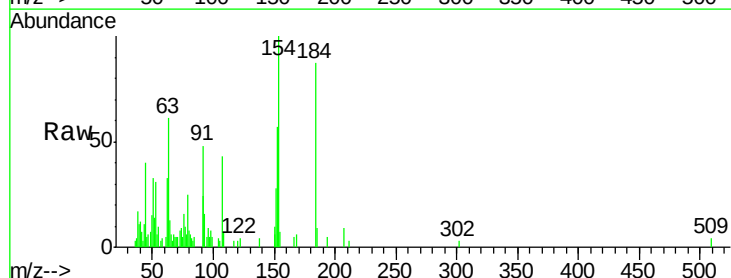
Tgt Ion:184 Resp: 7380

Ion Ratio Lower Upper

184 100

63 70.3 46.0 69.0#

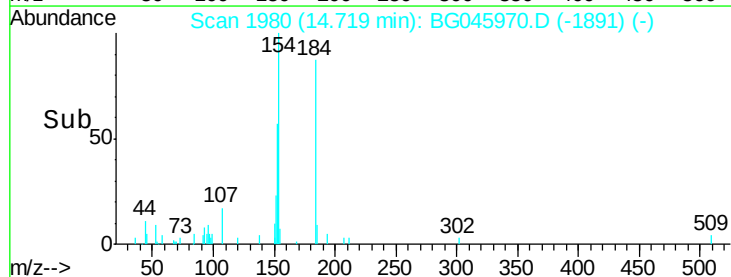
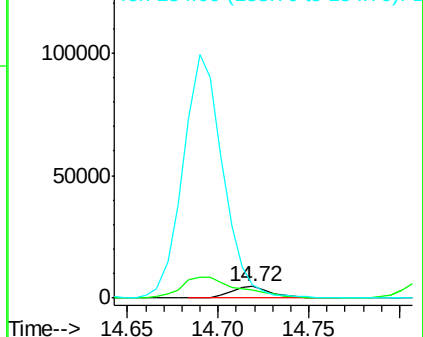
154 115.1 58.2 87.2#

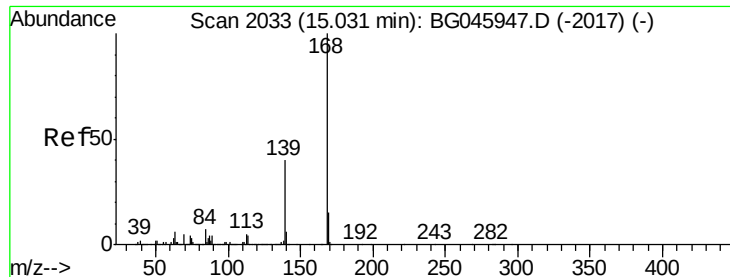


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

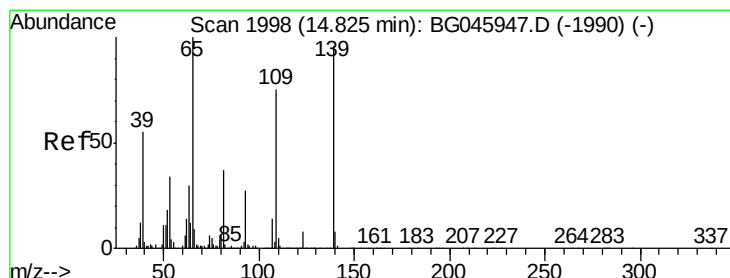
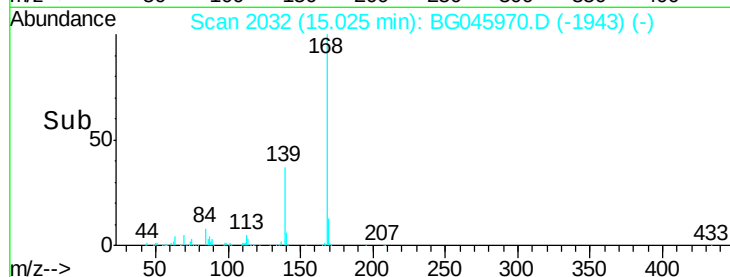
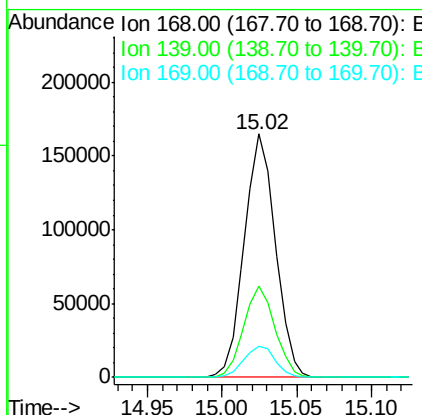
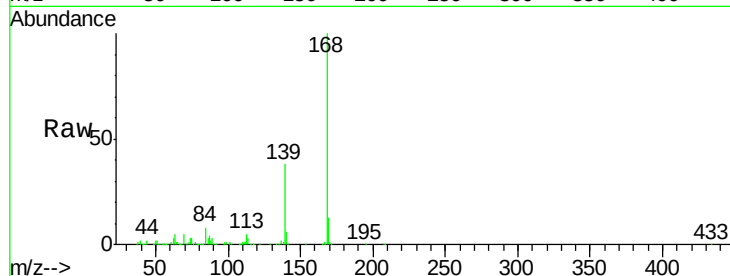




#55
Dibenzofuran
Concen: 8.334 ng
RT: 15.02 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

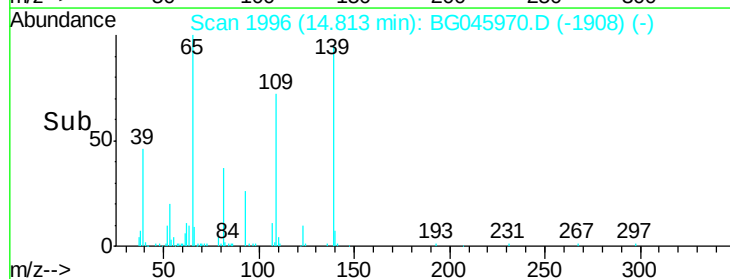
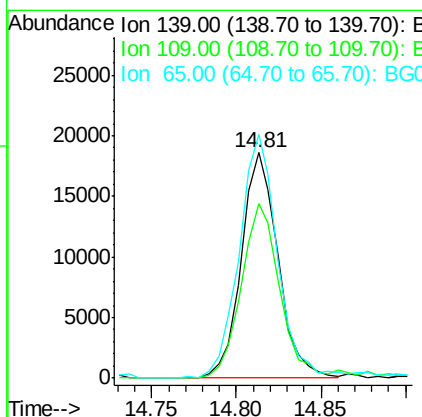
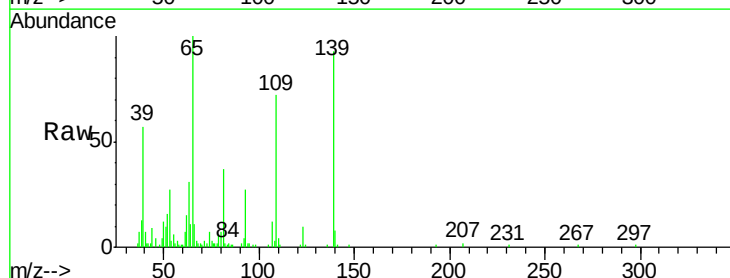
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

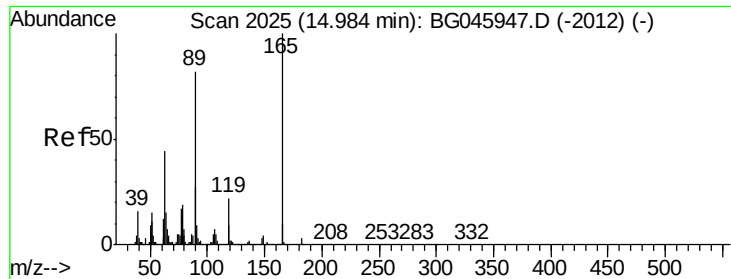
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	32.2	48.2
169	12.6	11.8	17.8



#56
4-Nitrophenol
Concen: 7.096 ng
RT: 14.81 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.7	58.5	98.5
65	108.1	84.7	124.7

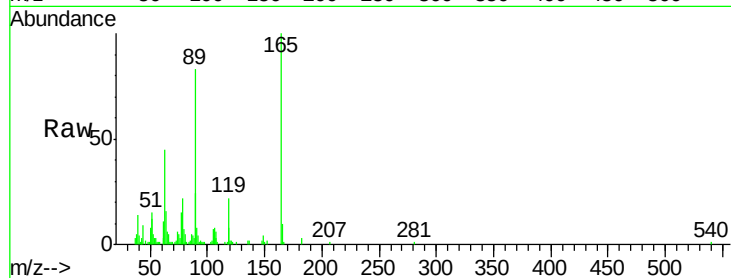




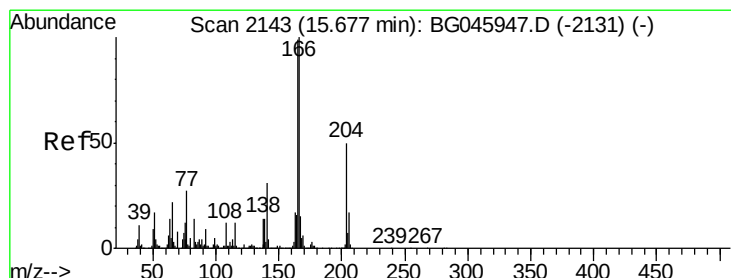
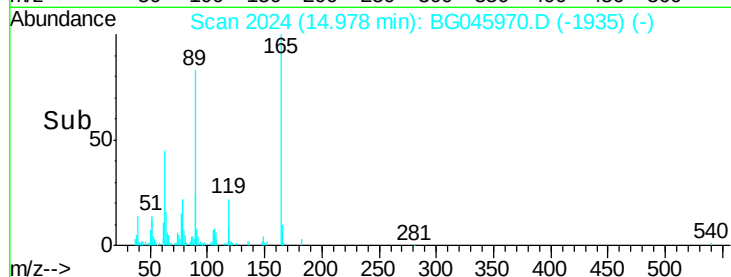
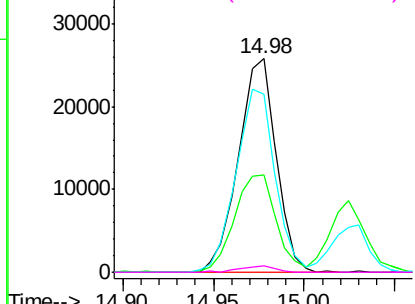
#57
2,4-Dinitrotoluene
Concen: 8.079 ng
RT: 14.98 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

Tot Ion:165 Resp: 37507
Ion Ratio Lower Upper
165 100
63 45.5 35.4 53.0
89 83.5 65.4 98.2
182 2.9 2.0 3.0

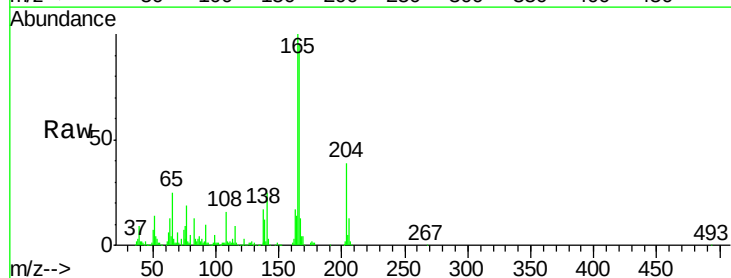


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

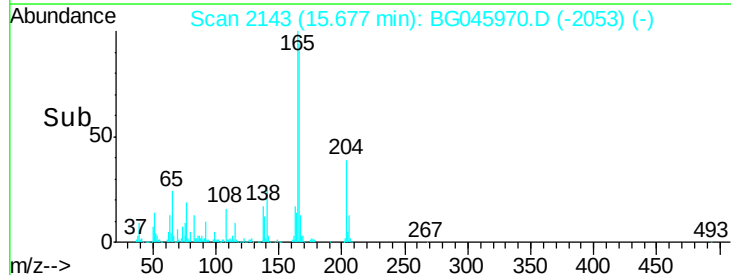
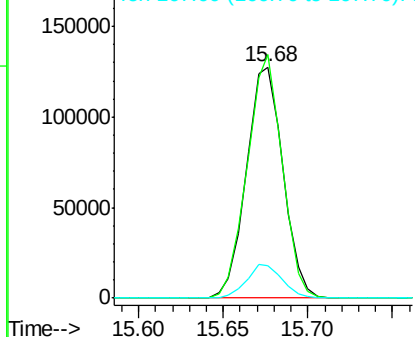


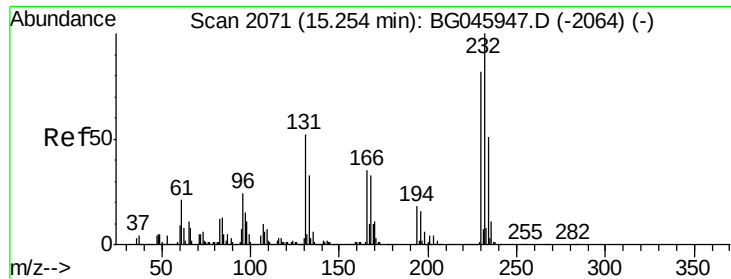
#58
Fluorene
Concen: 8.201 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:166 Resp: 192205
Ion Ratio Lower Upper
166 100
165 105.4 78.9 118.3
167 13.8 12.1 18.1



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

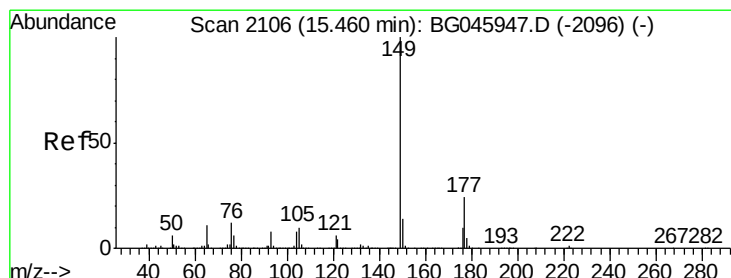
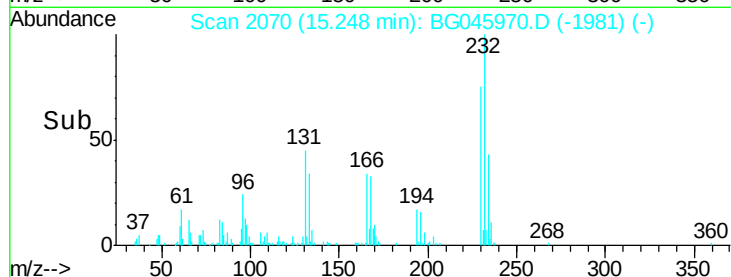
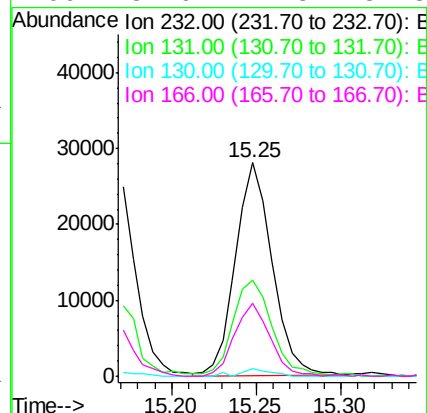
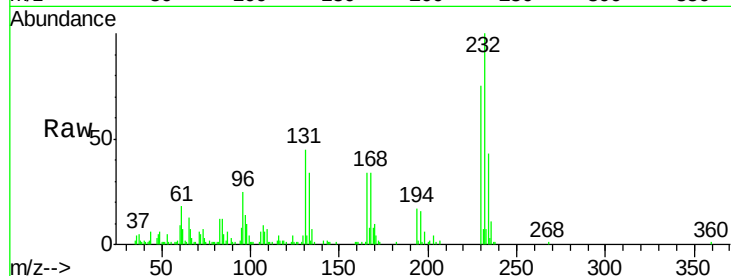




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.906 ng
 RT: 15.25 min Scan# 2070
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

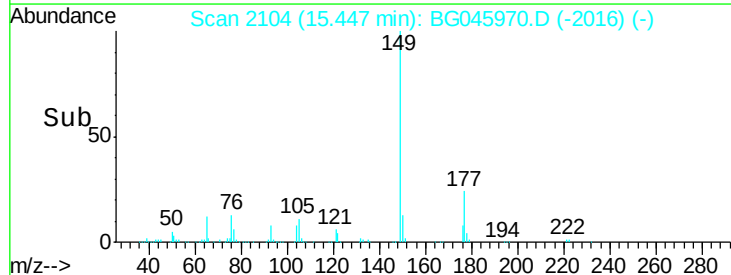
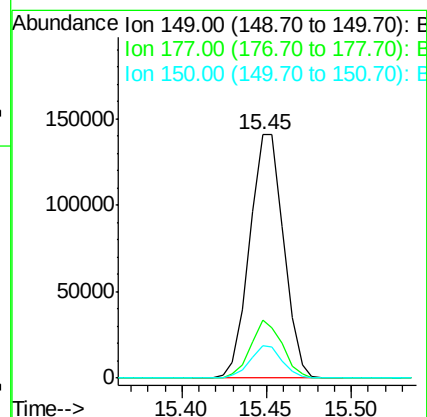
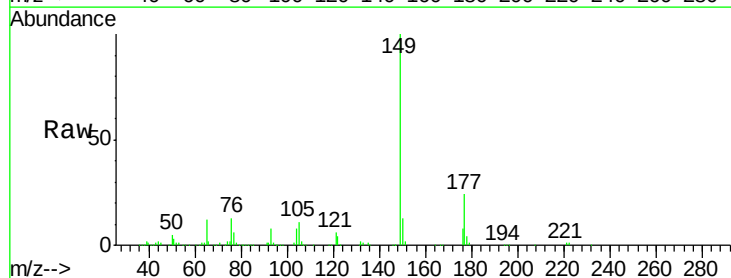
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

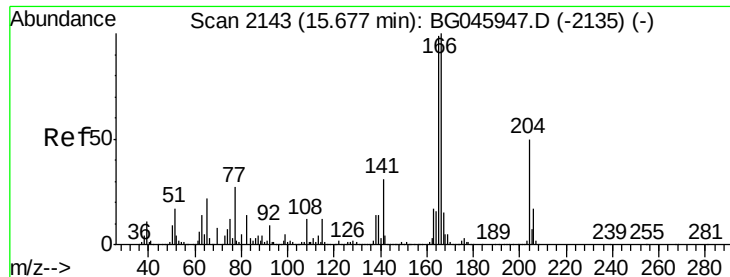
Tot Ion	Ratio	Lower	Upper
232	100		
131	46.8	35.8	53.6
130	2.9	2.5	3.7
166	32.9	21.8	32.8



#60
 Diethylphthalate
 Concen: 7.785 ng
 RT: 15.45 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.0	28.4
150	13.5	11.0	16.4

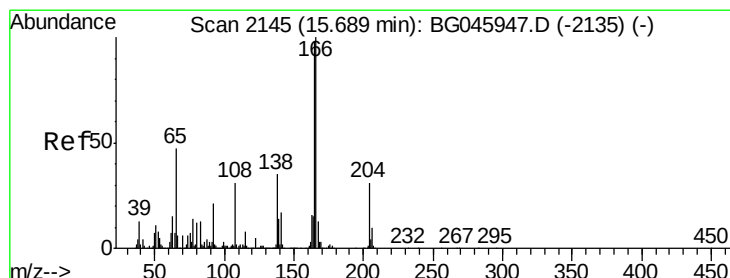
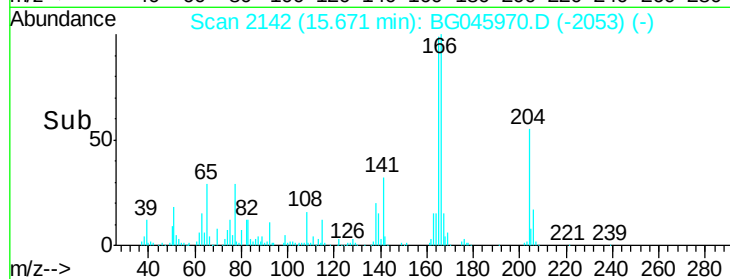
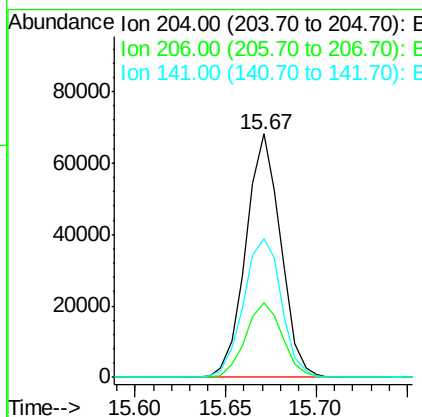
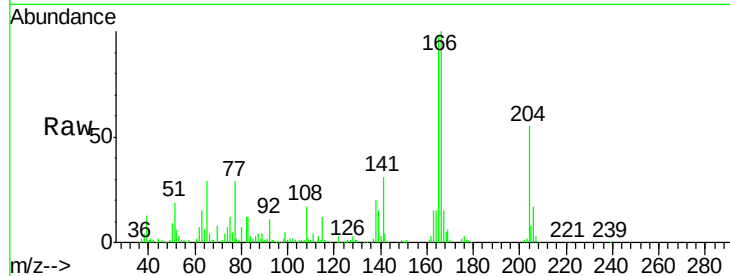




#61
4-Chlorophenyl-phenylether
Concen: 7.833 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

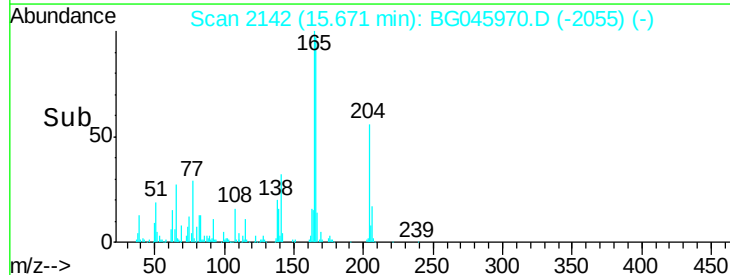
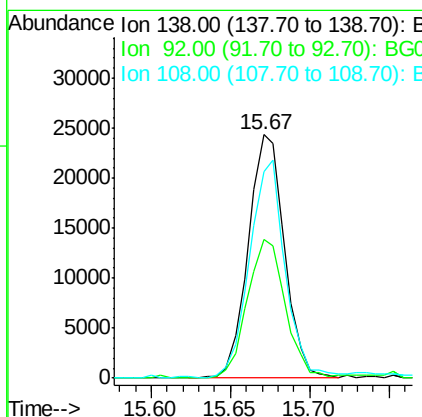
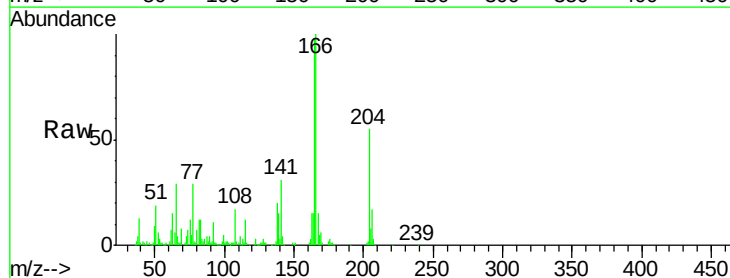
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

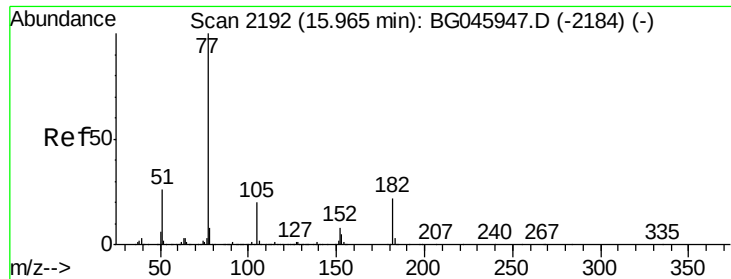
Tot Ion:204 Resp: 91322
Ion Ratio Lower Upper
204 100
206 30.4 27.1 40.7
141 57.2 49.8 74.8



#62
4-Nitroaniline
Concen: 7.725 ng
RT: 15.67 min Scan# 2142
Delta R.T. -0.02 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:138 Resp: 38659
Ion Ratio Lower Upper
138 100
92 57.1 40.3 80.3
108 84.6 68.0 108.0





#63

Azobenzene

Concen: 8.234 ng

RT: 15.96 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 77 Resp: 224409

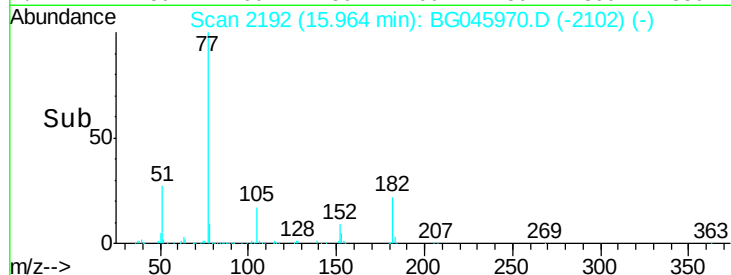
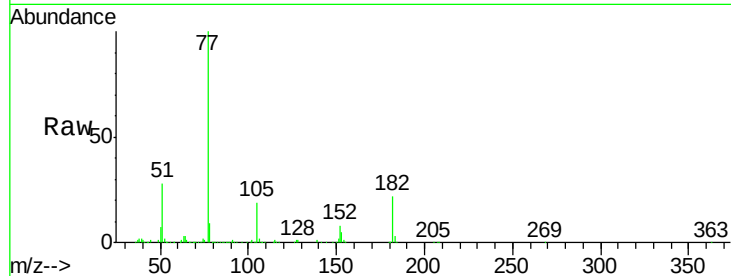
Ion Ratio Lower Upper

77 100

182 22.1 2.4 42.4

105 19.4 0.3 40.3

51 27.7 6.3 46.3

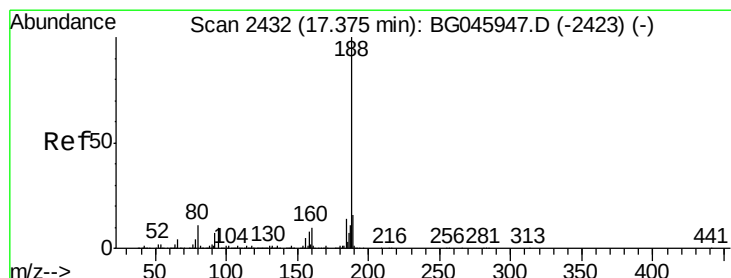
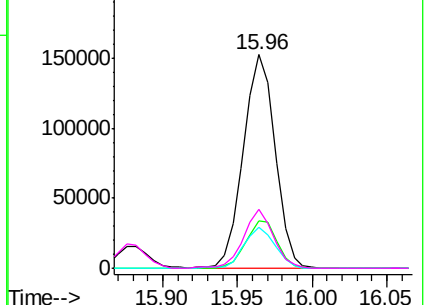


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG045970.D

Acq: 7 Jul 2020 22:02

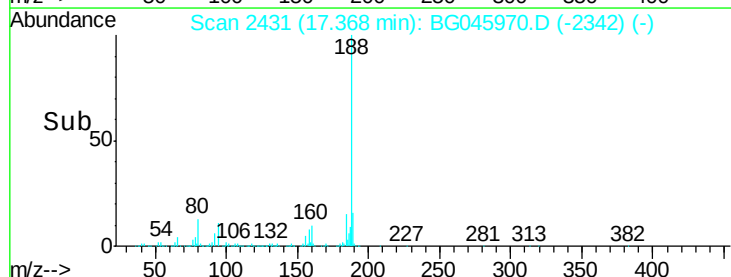
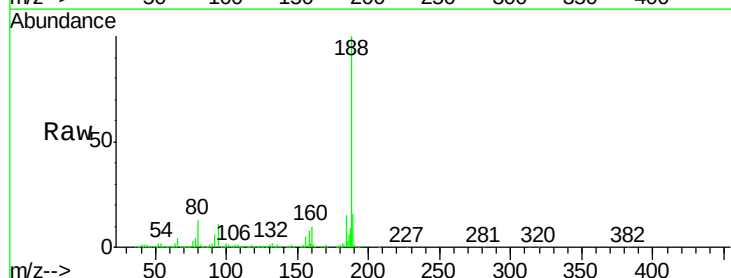
Tgt Ion: 188 Resp: 670757

Ion Ratio Lower Upper

188 100

94 10.9 8.2 12.4

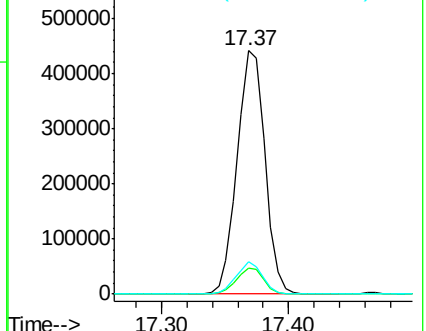
80 13.4 9.0 13.6

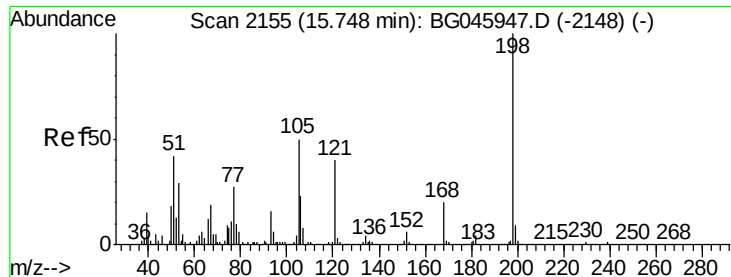


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 6.713 ng

RT: 15.74 min Scan# 2153

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

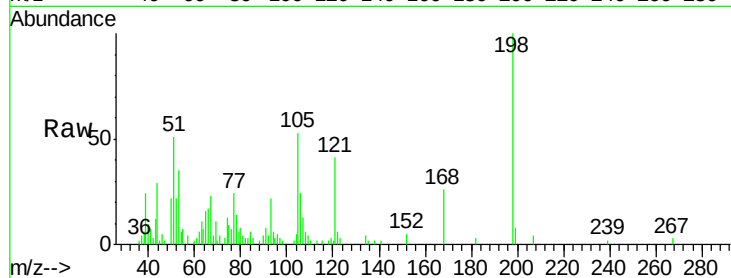
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:198 Resp: 13188

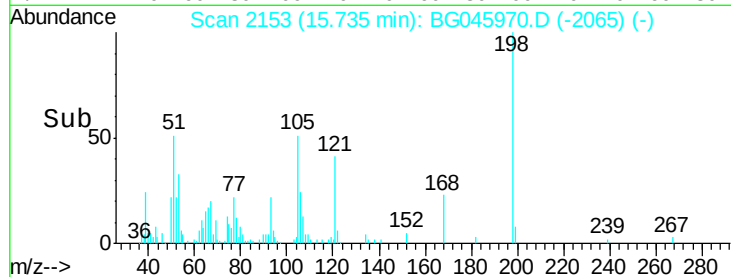
Ion	Ratio	Lower	Upper
198	100		
51	50.8	24.5	64.5
105	53.4	30.9	70.9



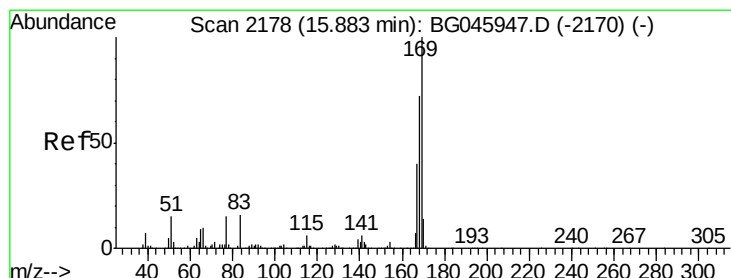
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 8.009 ng

RT: 15.88 min Scan# 2178

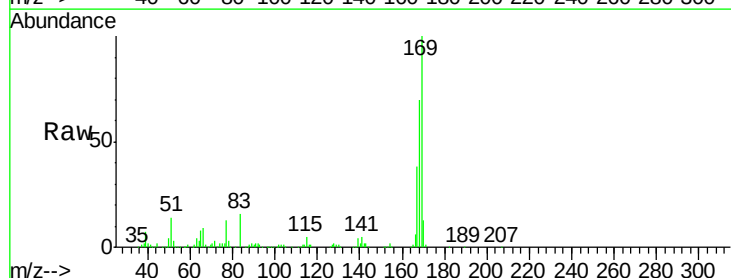
Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Tgt Ion:169 Resp: 166464

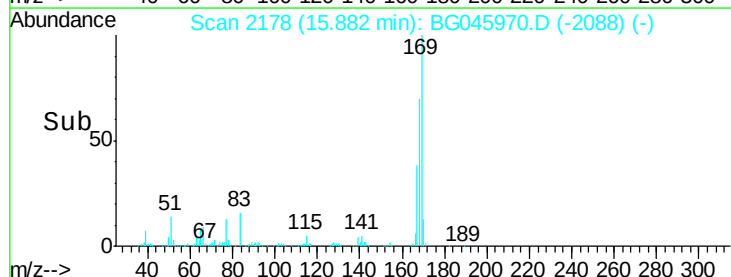
Ion	Ratio	Lower	Upper
169	100		
168	70.3	57.3	85.9
167	37.9	32.1	48.1



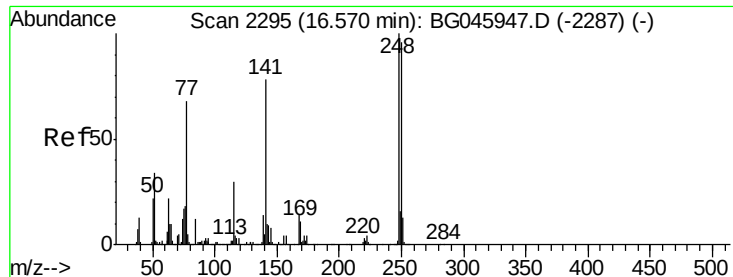
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



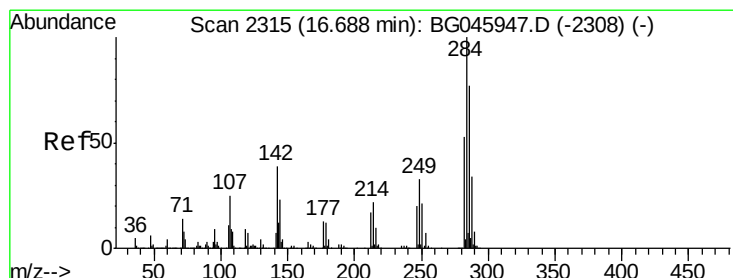
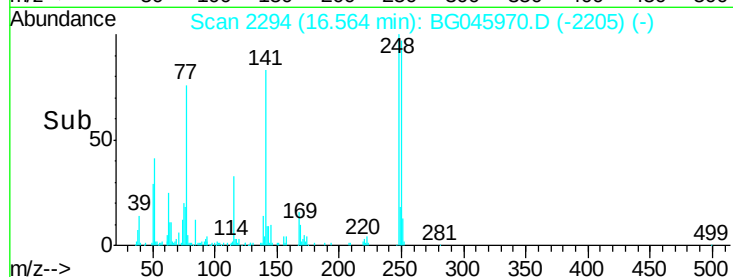
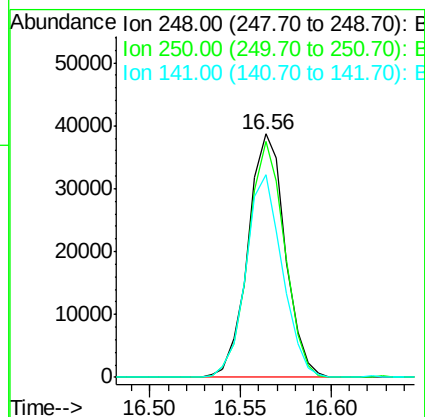
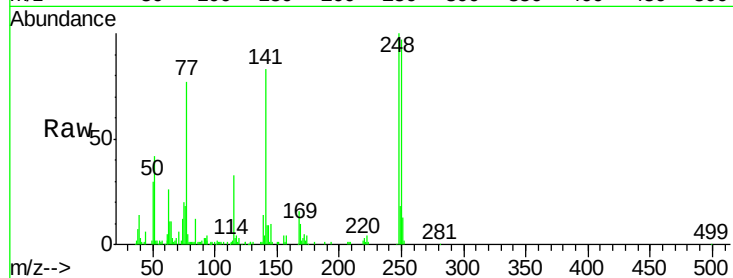
Time-->



#67
4-Bromophenyl-phenylether
Concen: 7.343 ng
RT: 16.56 min Scan# 2294
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

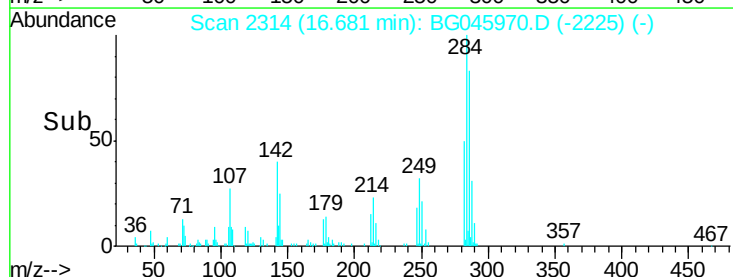
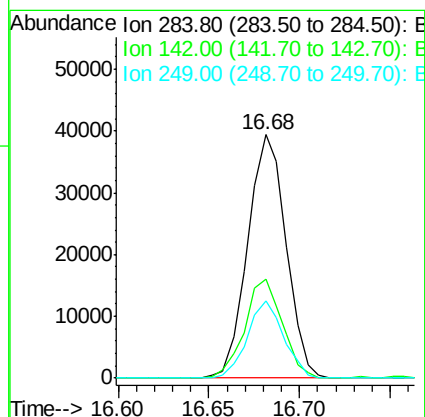
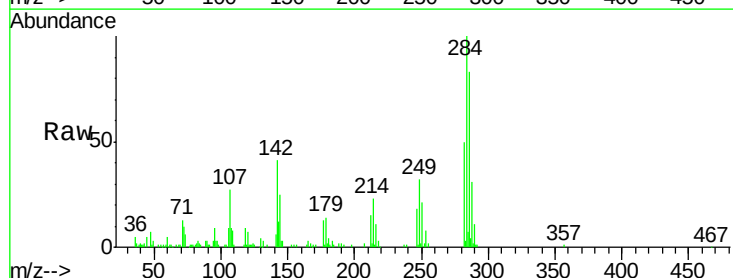
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

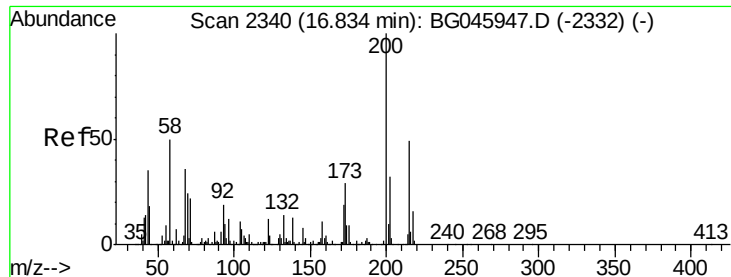
Tot Ion:248 Resp: 55006
Ion Ratio Lower Upper
248 100
250 97.1 76.6 114.8
141 83.1 62.7 94.1



#68
Hexachlorobenzene
Concen: 7.658 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:284 Resp: 57567
Ion Ratio Lower Upper
284 100
142 40.7 31.3 46.9
249 31.6 26.8 40.2





#69

Atrazine

Concen: 9.326 ng

RT: 16.83 min Scan# 2339

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

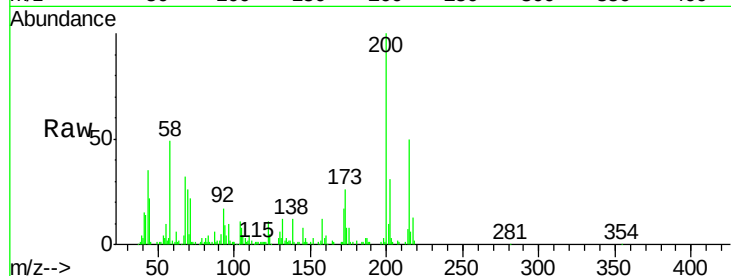
Tot Ion:200 Resp: 57315

Ion Ratio Lower Upper

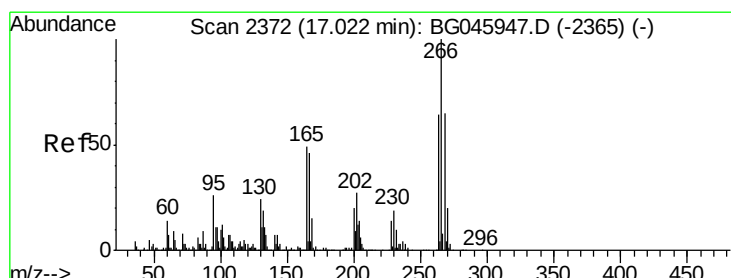
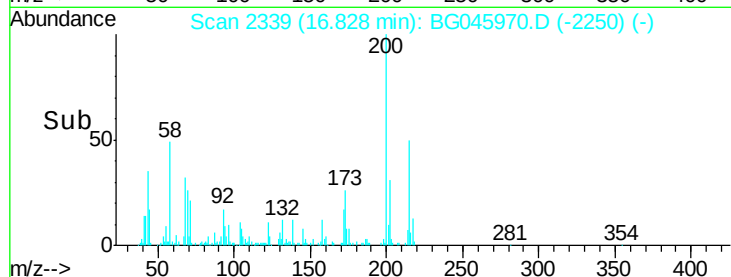
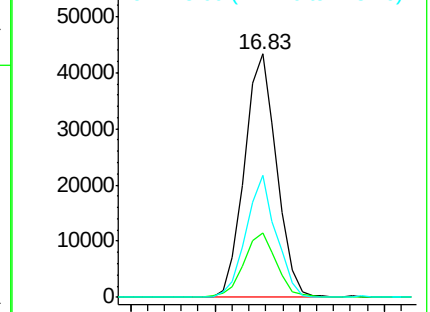
200 100

173 26.4 9.1 49.1

215 50.1 28.8 68.8



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 7.233 ng

RT: 17.02 min Scan# 2372

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

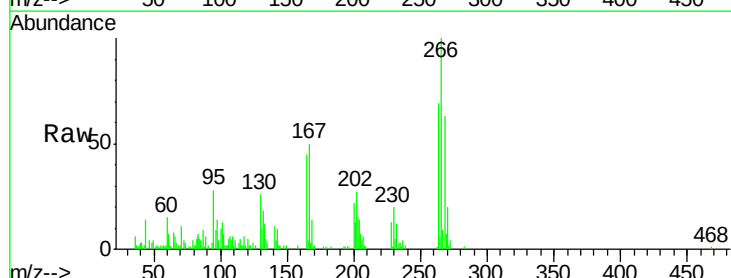
Tgt Ion:266 Resp: 30231

Ion Ratio Lower Upper

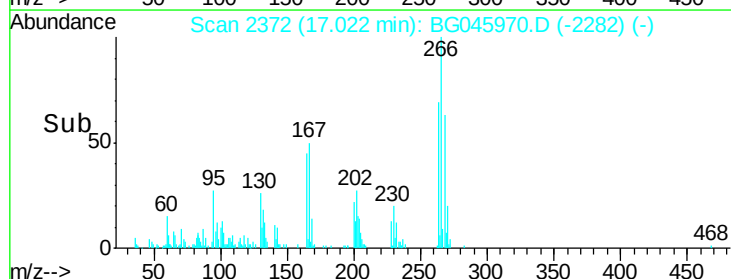
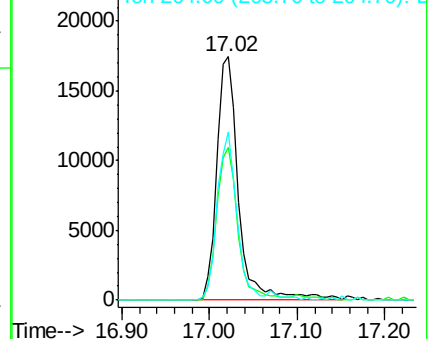
266 100

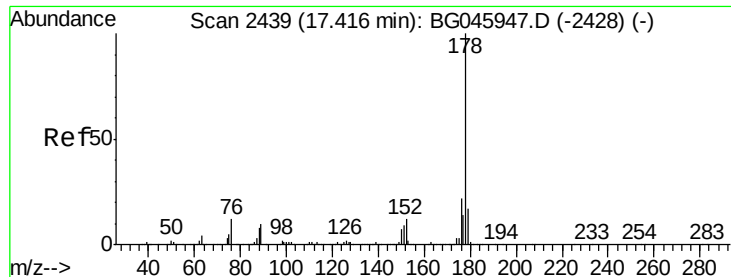
268 62.6 51.8 77.8

264 69.2 51.4 77.0



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 8.282 ng

RT: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

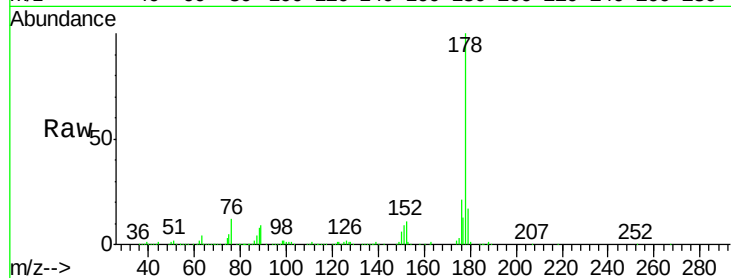
Tot Ion:178 Resp: 293693

Ion Ratio Lower Upper

178 100

176 20.6 17.4 26.2

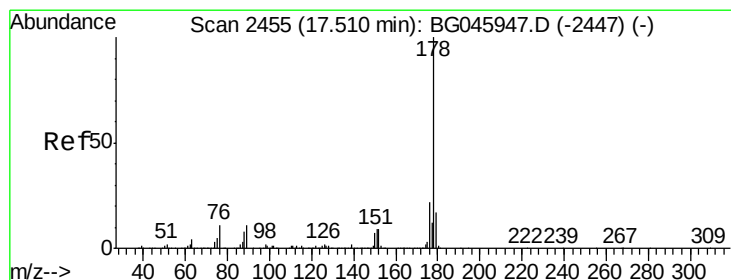
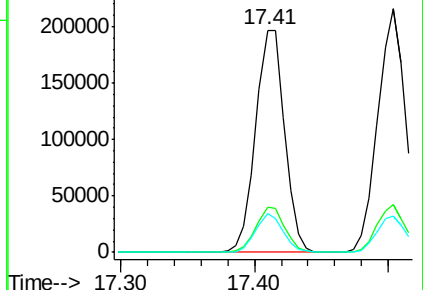
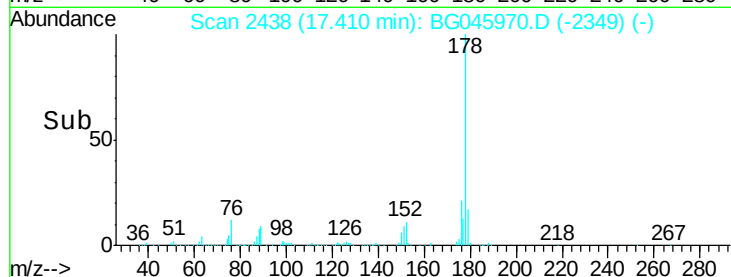
179 17.5 13.4 20.2



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: 8.607 ng

RT: 17.50 min Scan# 2454

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

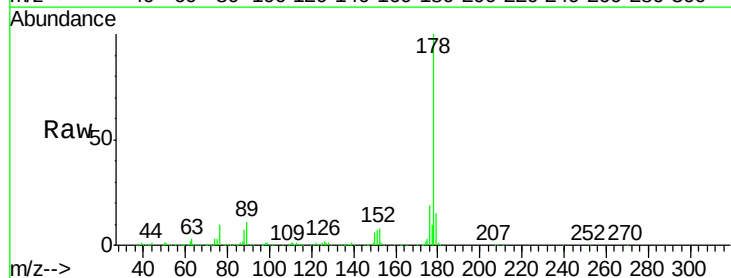
Tgt Ion:178 Resp: 309748

Ion Ratio Lower Upper

178 100

176 19.4 17.2 25.8

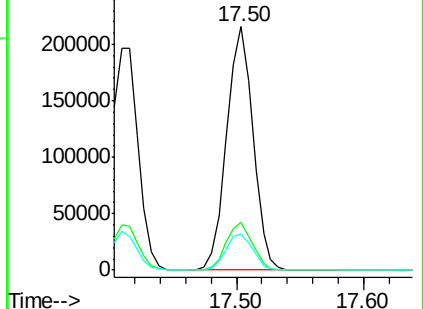
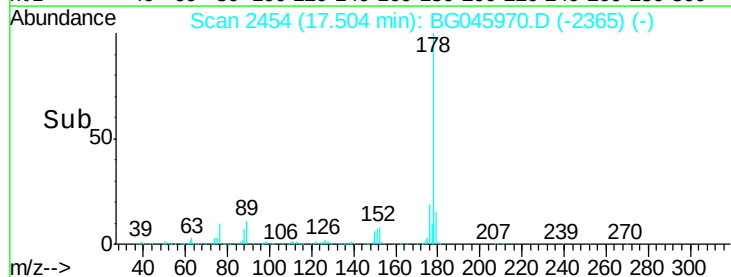
179 15.0 14.0 21.0

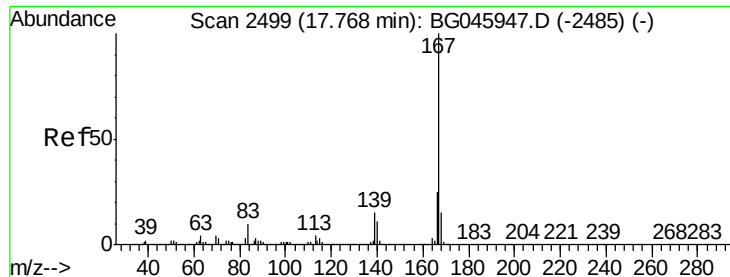


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 7.943 ng

RT: 17.76 min Scan# 2498

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

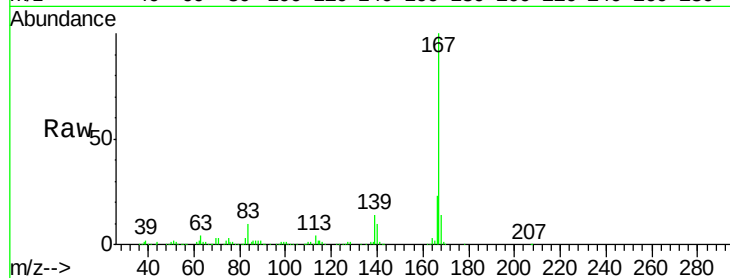
Tot Ion:167 Resp: 286531

Ion Ratio Lower Upper

167 100

166 22.8 20.4 30.6

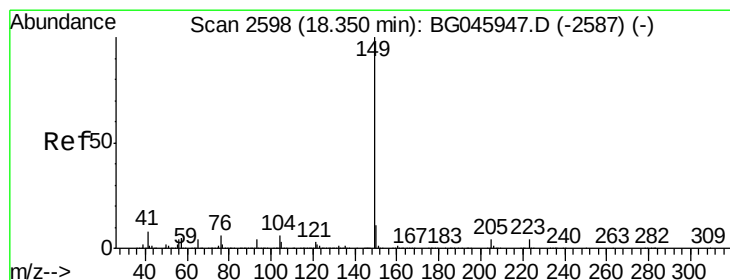
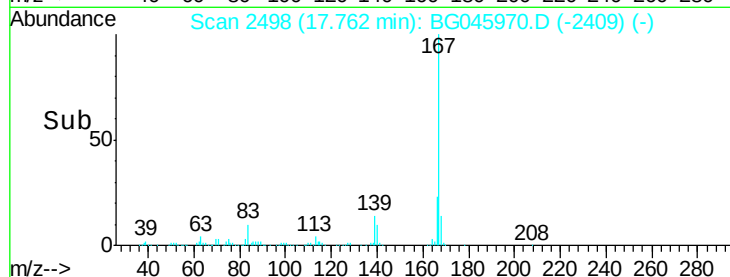
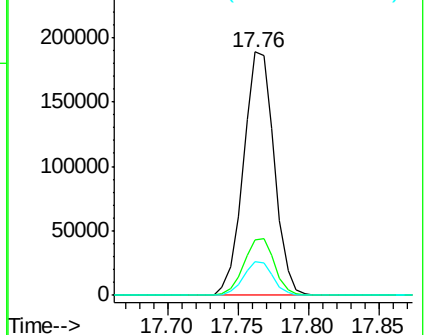
139 13.6 11.8 17.8



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 8.065 ng

RT: 18.34 min Scan# 2597

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

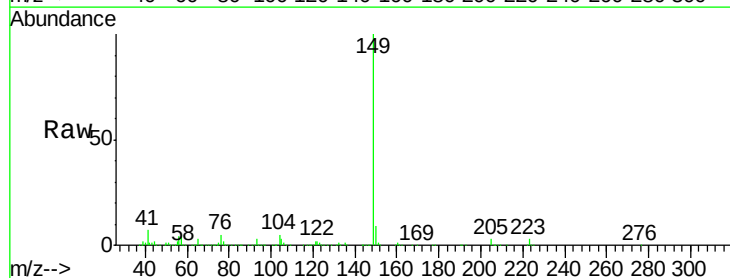
Tgt Ion:149 Resp: 351566

Ion Ratio Lower Upper

149 100

150 8.8 9.0 13.4#

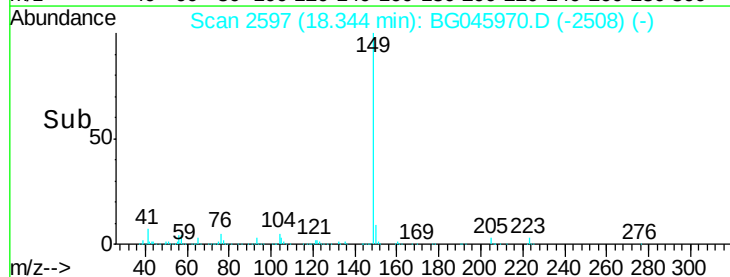
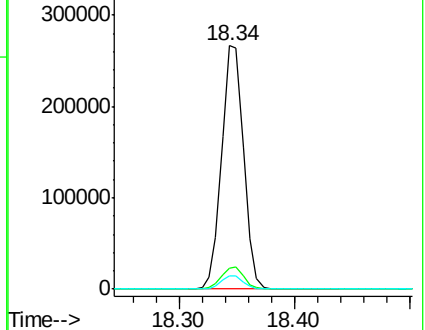
104 5.4 5.2 7.8

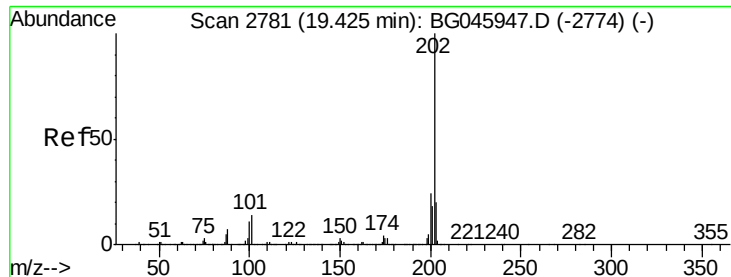


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 8.536 ng

RT: 19.42 min Scan# 2780

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

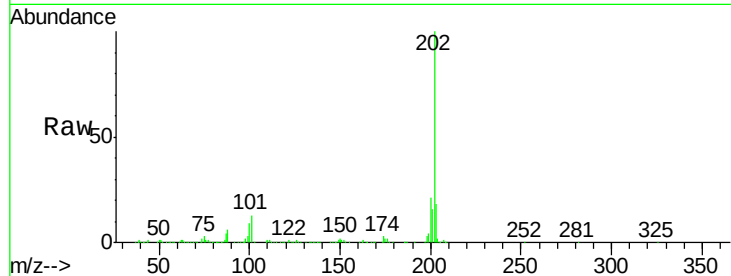
Tot Ion:202 Resp: 349932

Ion Ratio Lower Upper

202 100

101 12.7 0.0 33.8

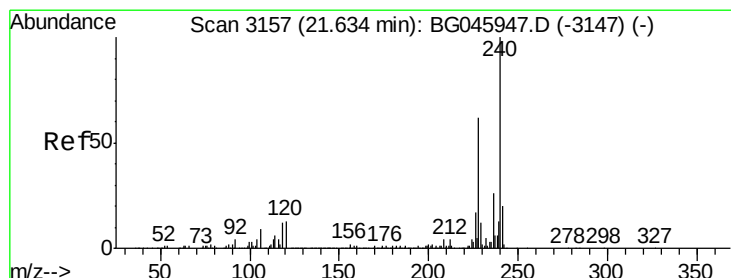
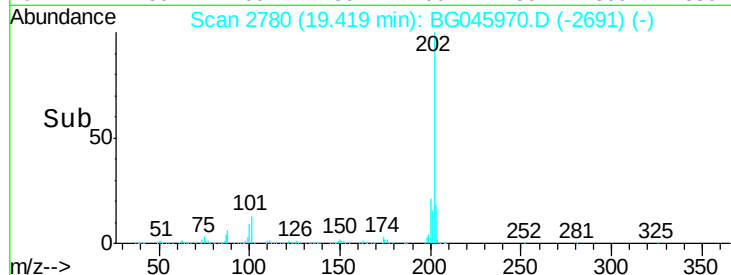
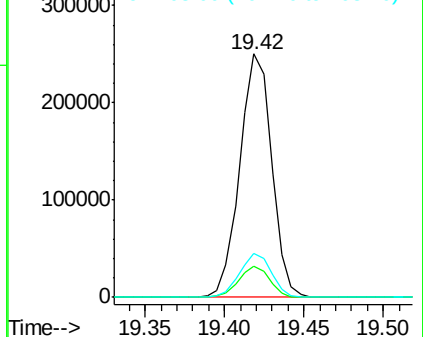
203 18.2 0.4 40.4



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: BG045970.D

Acq: 7 Jul 2020 22:02

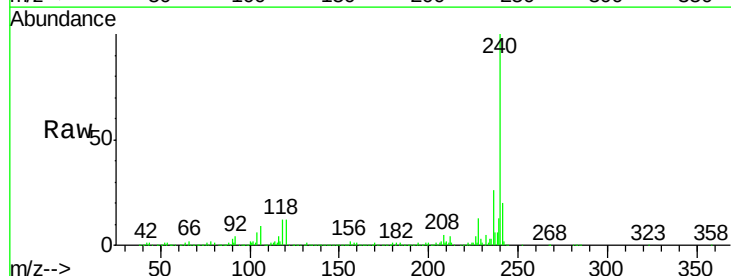
Tgt Ion:240 Resp: 611831

Ion Ratio Lower Upper

240 100

120 12.3 10.6 16.0

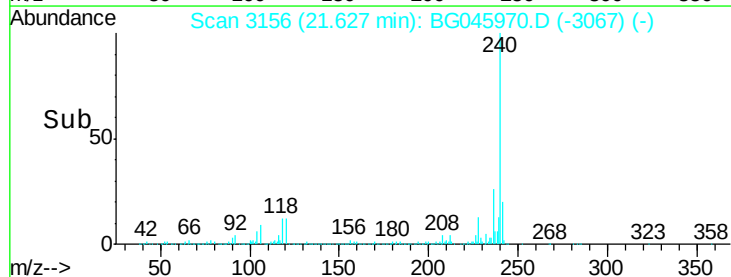
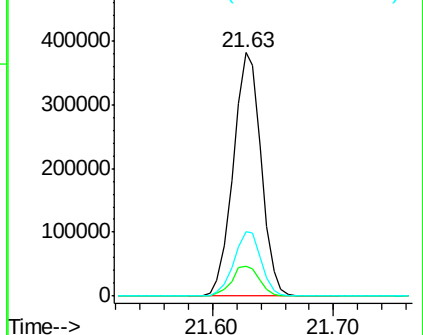
236 26.3 20.4 30.6

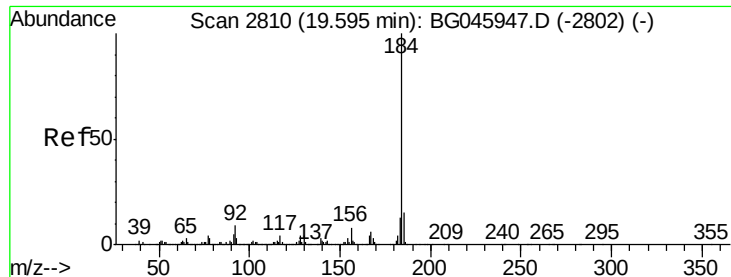


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 10.708 ng

RT: 19.59 min Scan# 2810

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

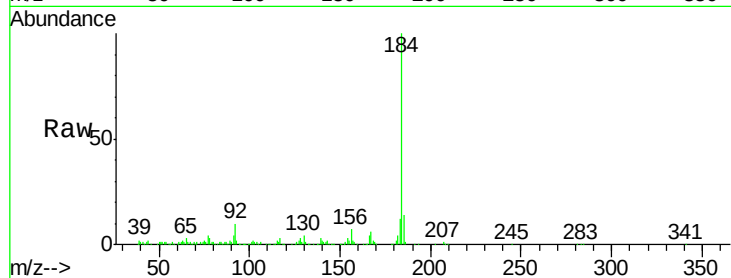
Tot Ion:184 Resp: 187321

Ion Ratio Lower Upper

184 100

185 14.3 11.6 17.4

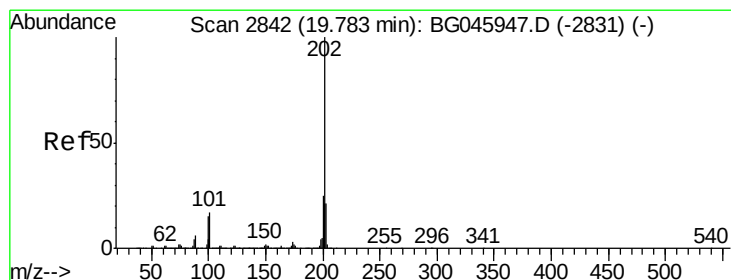
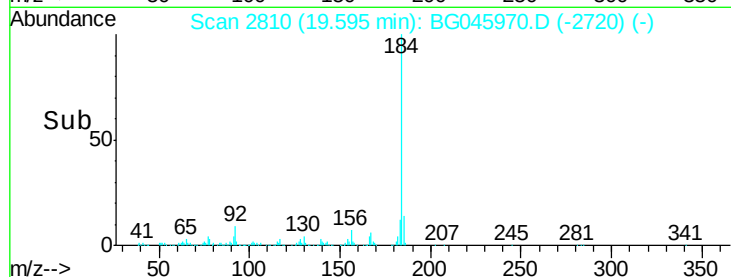
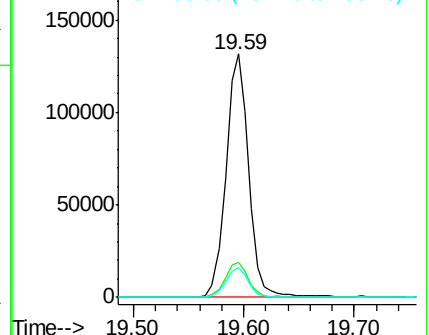
183 12.1 10.4 15.6



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: 8.493 ng

RT: 19.78 min Scan# 2841

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

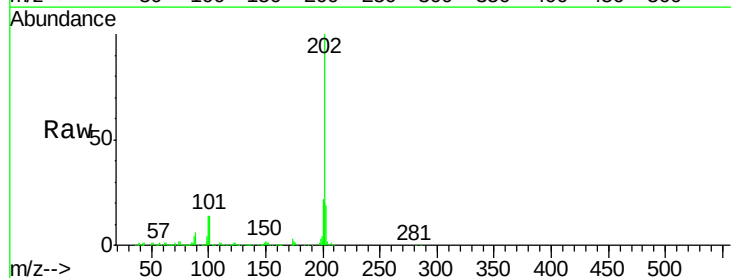
Tgt Ion:202 Resp: 354680

Ion Ratio Lower Upper

202 100

200 22.3 20.1 30.1

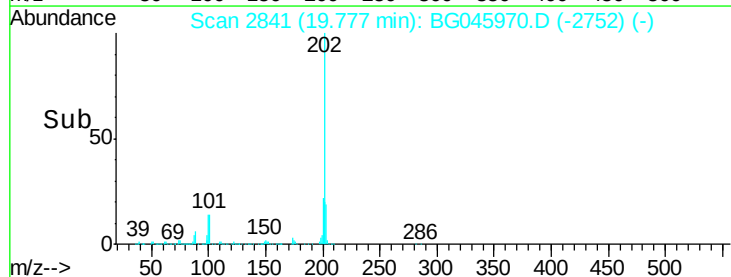
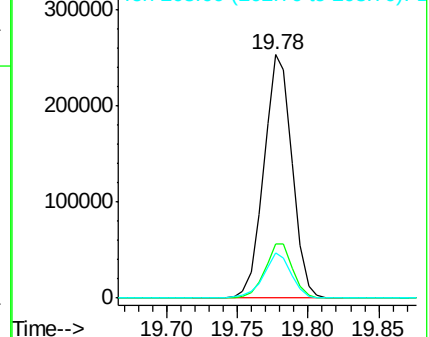
203 18.8 16.5 24.7

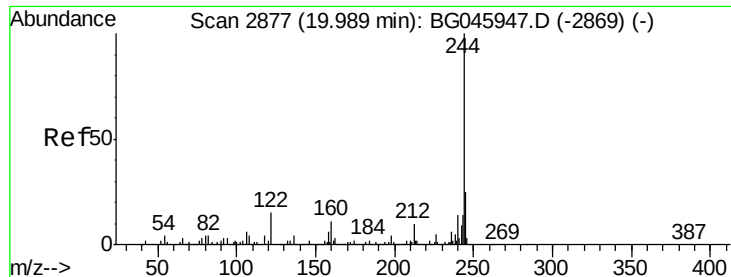


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 114.937 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

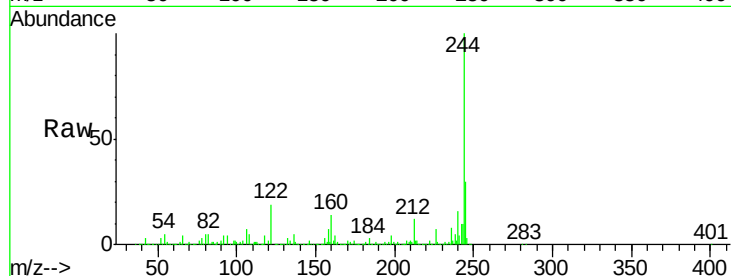
Tot Ion:244 Resp: 3159804

Ion Ratio Lower Upper

244 100

212 11.9 8.3 12.5

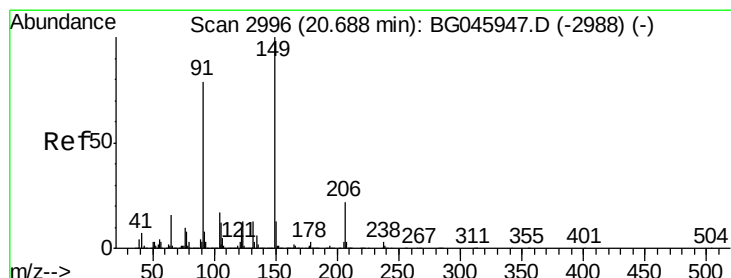
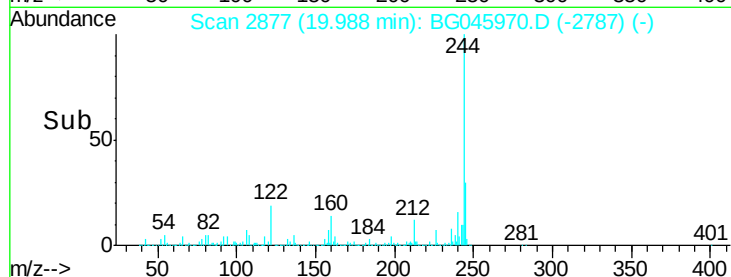
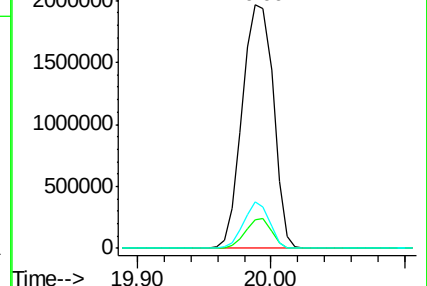
122 18.9 12.1 18.1#



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: 7.389 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

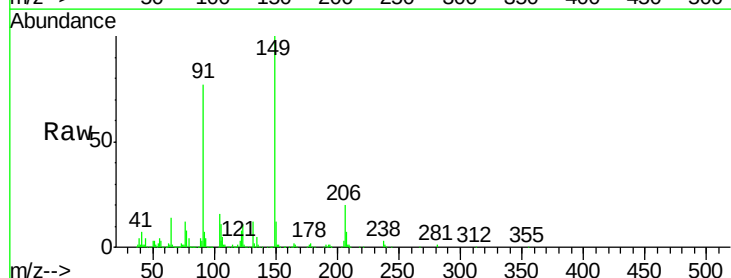
Tgt Ion:149 Resp: 145824

Ion Ratio Lower Upper

149 100

91 76.8 63.1 94.7

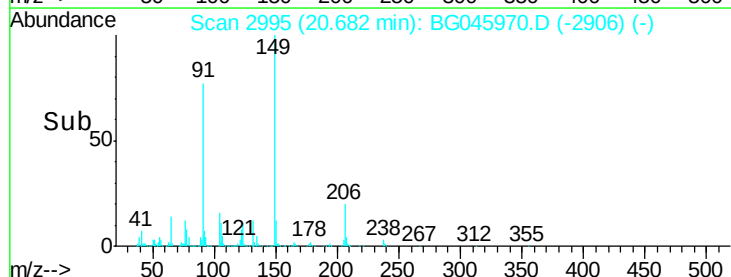
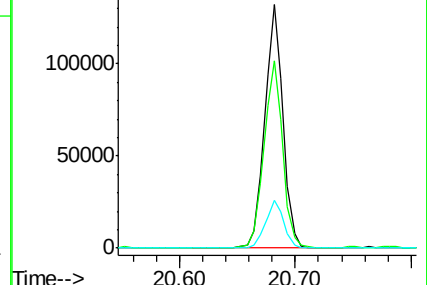
206 19.6 17.4 26.0

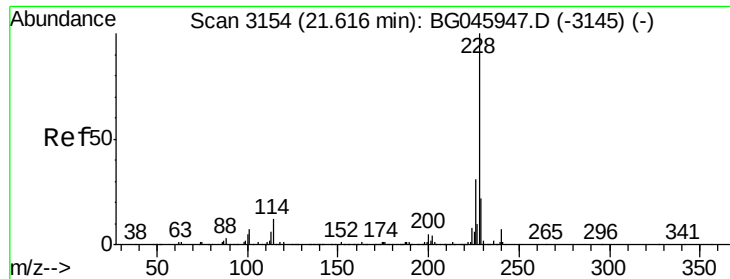


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.128 ng

RT: 21.61 min Scan# 3153

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

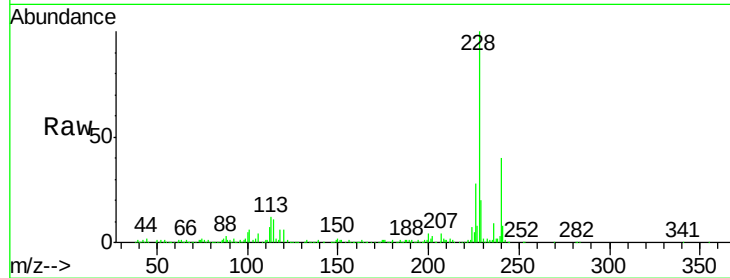
Tot Ion:228 Resp: 327005

Ion Ratio Lower Upper

228 100

226 27.9 24.8 37.2

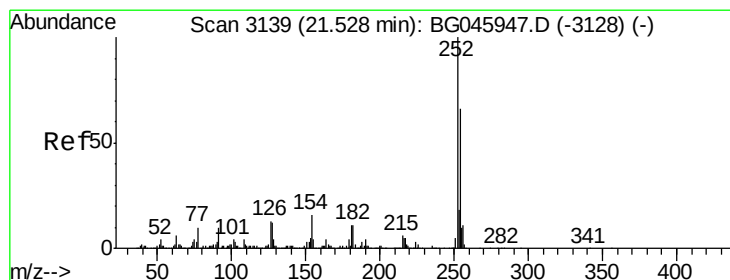
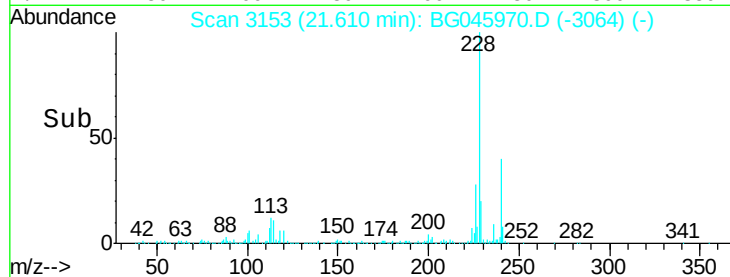
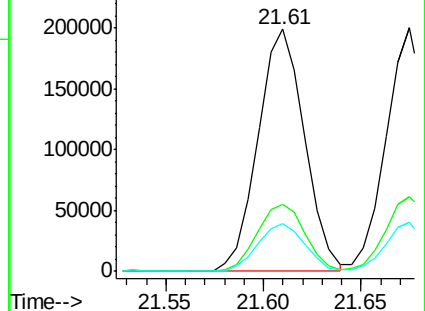
229 19.7 17.8 26.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 8.315 ng

RT: 21.52 min Scan# 3138

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

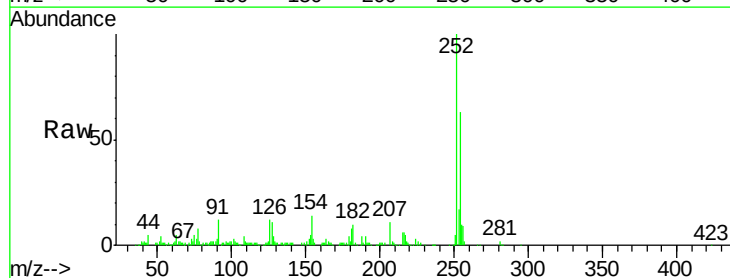
Tgt Ion:252 Resp: 123603

Ion Ratio Lower Upper

252 100

254 63.0 52.9 79.3

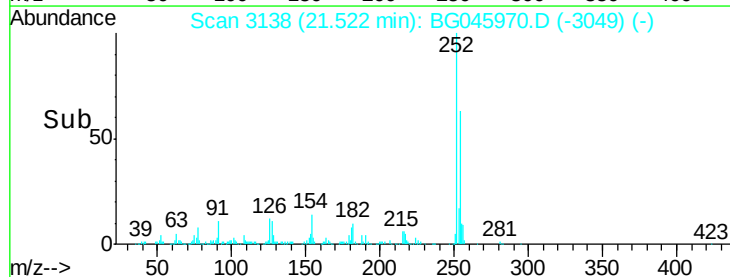
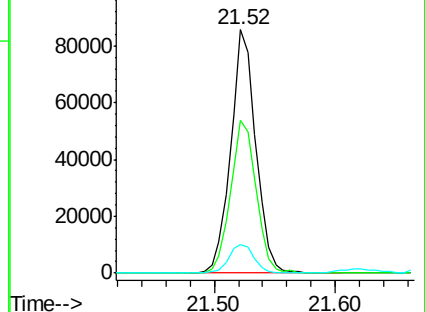
126 12.0 10.4 15.6

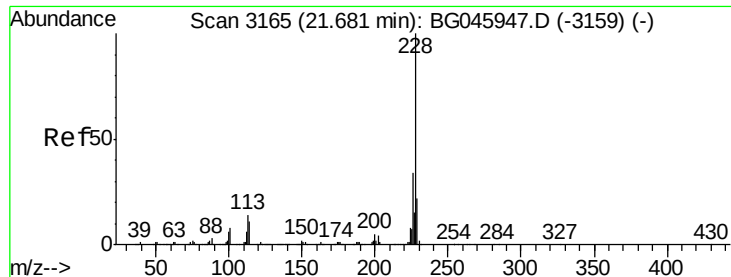


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 8.053 ng

RT: 21.67 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

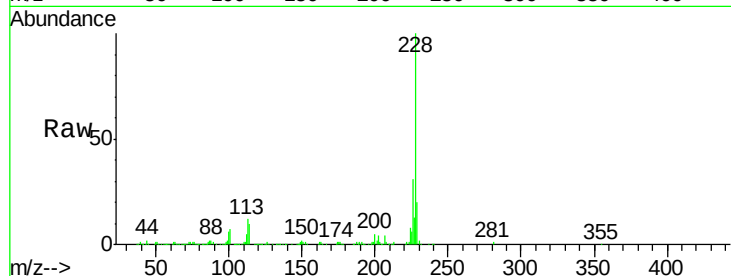
Tot Ion:228 Resp: 308632

Ion Ratio Lower Upper

228 100

226 30.9 26.7 40.1

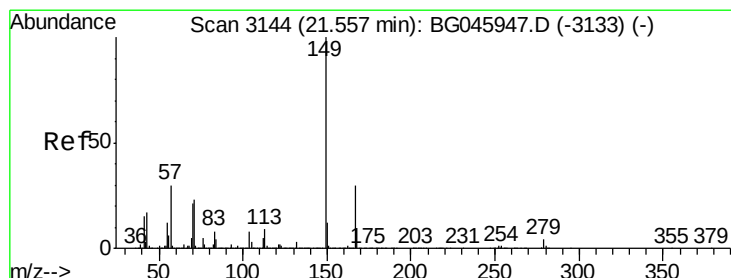
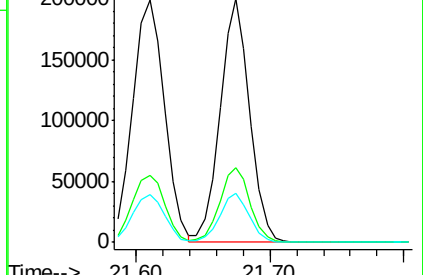
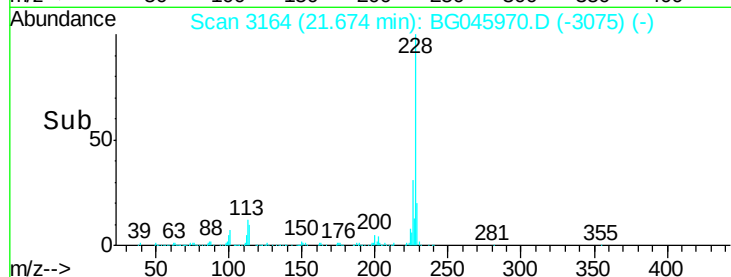
229 20.0 17.3 25.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.897 ng

RT: 21.55 min Scan# 3143

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

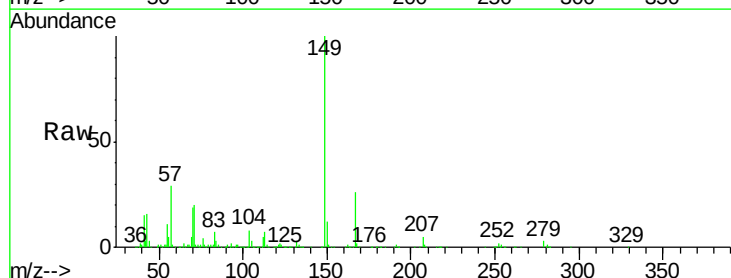
Tgt Ion:149 Resp: 226240

Ion Ratio Lower Upper

149 100

167 26.4 23.8 35.8

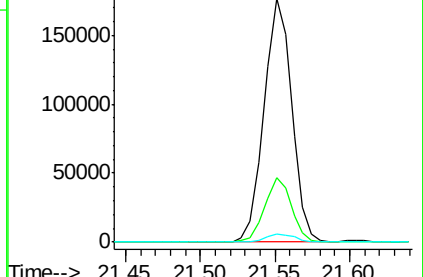
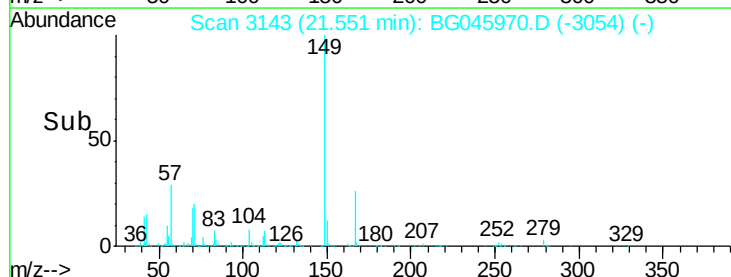
279 3.5 3.5 5.3#

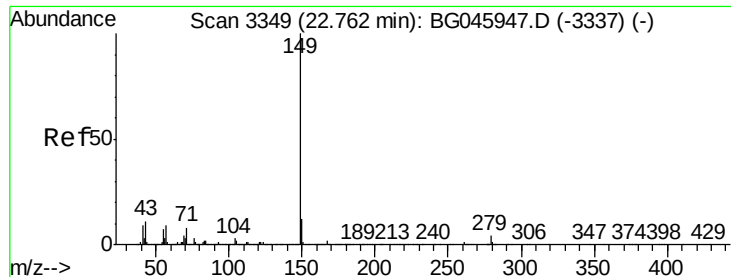


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

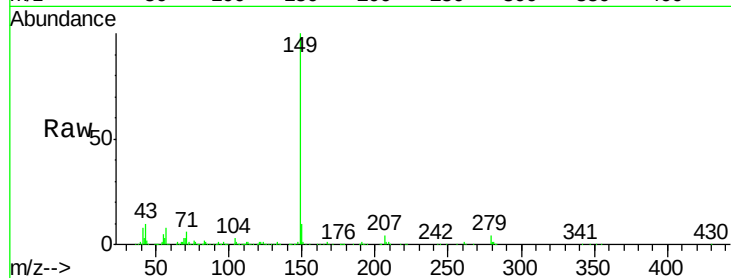




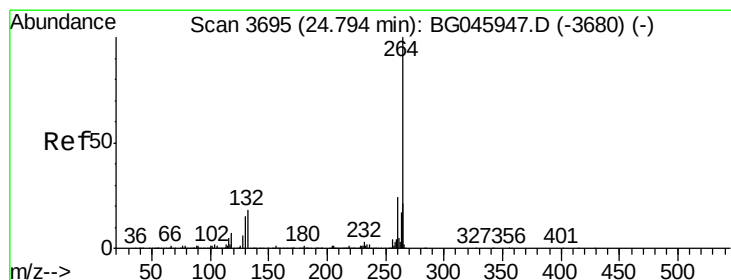
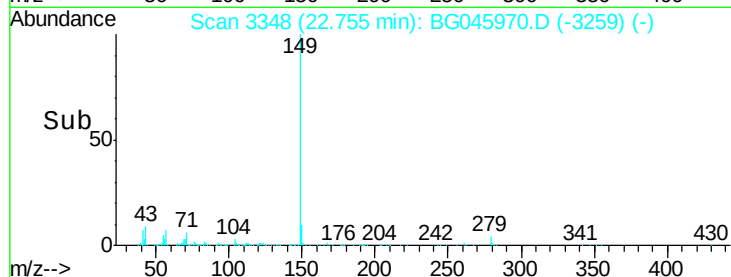
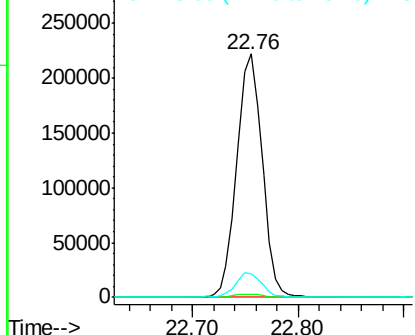
#85
Di-n-octyl phthalate
Concen: 7.456 ng
RT: 22.76 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

Tot Ion:149 Resp: 370684
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 10.0 8.6 12.8

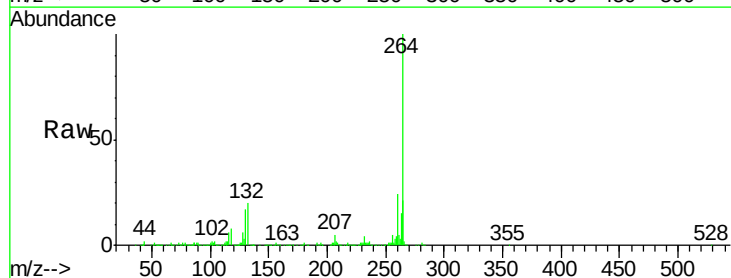


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): B

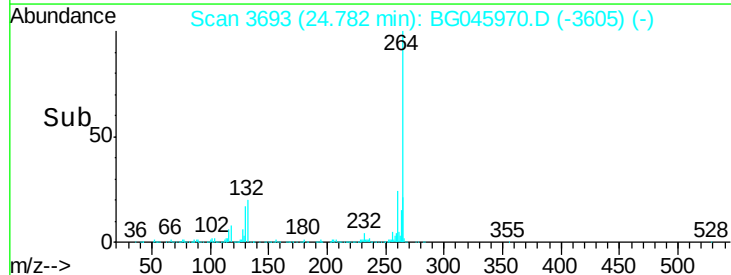
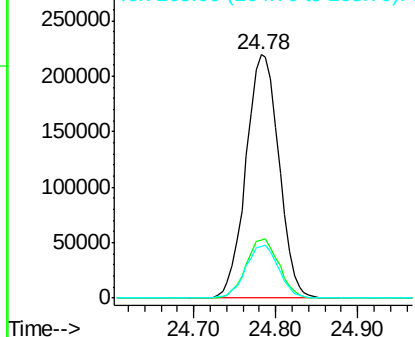


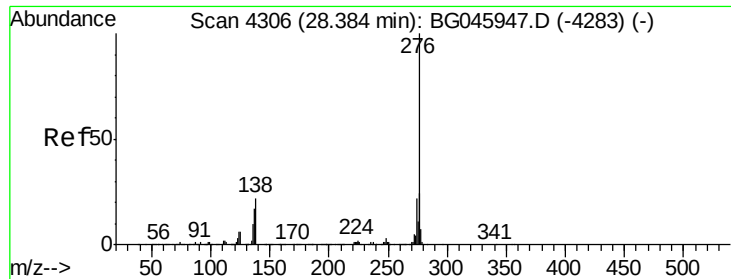
#86
Perylene-d12
Concen: 20.000 ng
RT: 24.78 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion:264 Resp: 613929
Ion Ratio Lower Upper
264 100
260 24.0 19.0 28.6
265 21.3 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

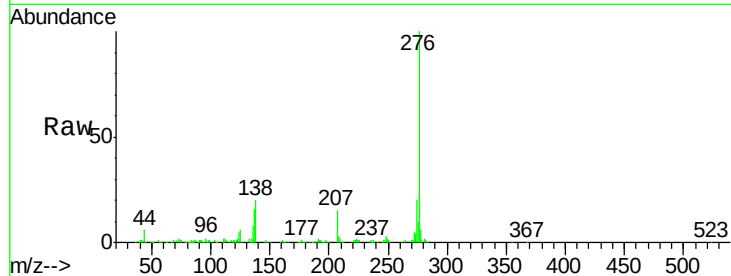




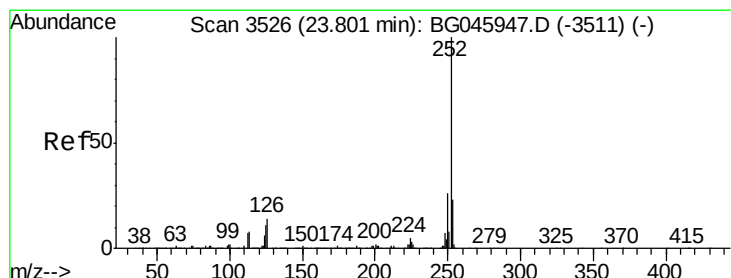
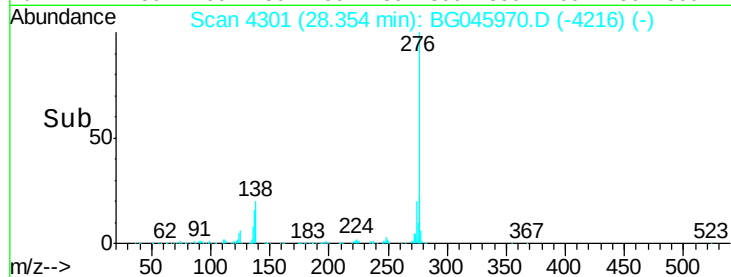
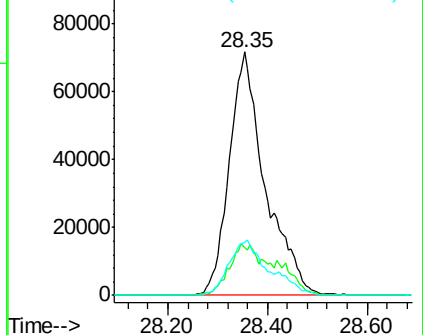
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.006 ng
 RT: 28.35 min Scan# 4301
 Delta R.T. -0.03 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.4	16.4	24.6
277	25.4	20.6	31.0

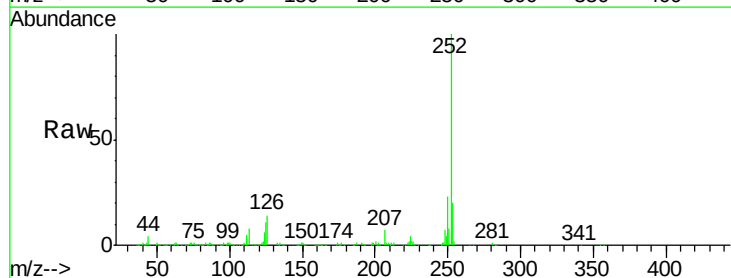


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

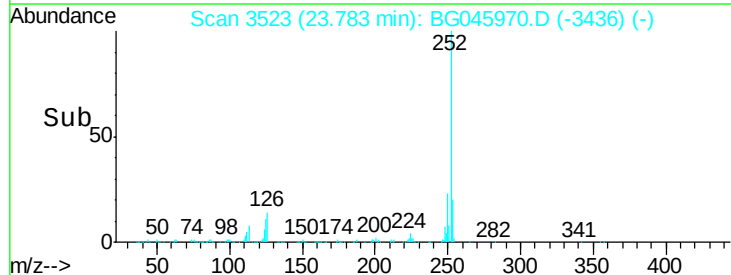
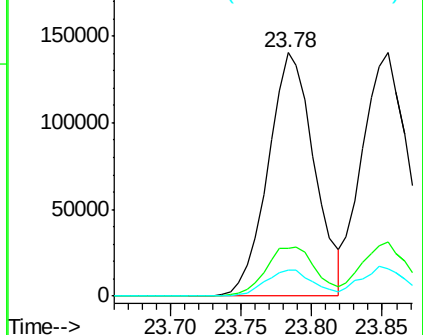


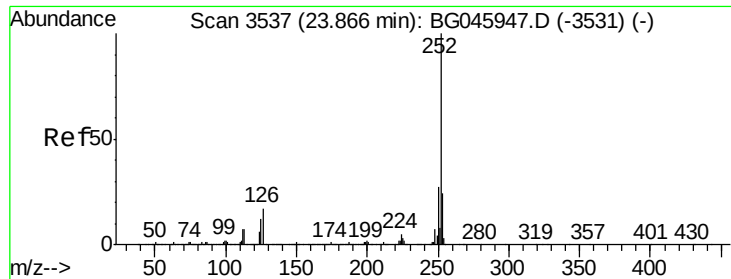
#88
 Benzo(b)fluoranthene
 Concen: 8.227 ng
 RT: 23.78 min Scan# 3523
 Delta R.T. -0.02 min
 Lab File: BG045970.D
 Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	19.9	18.5	27.7
125	10.5	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: 8.581 ng

RT: 23.85 min Scan# 3535

Delta R.T. -0.01 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

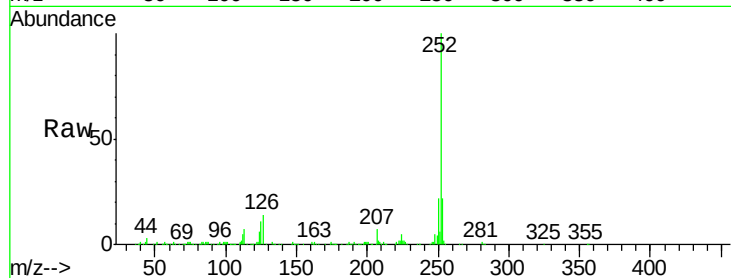
Tot Ion:252 Resp: 316208

Ion Ratio Lower Upper

252 100

253 22.2 18.9 28.3

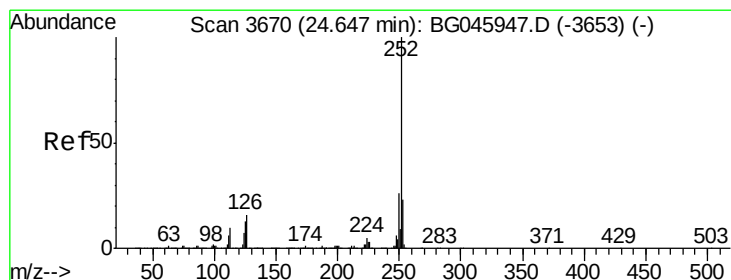
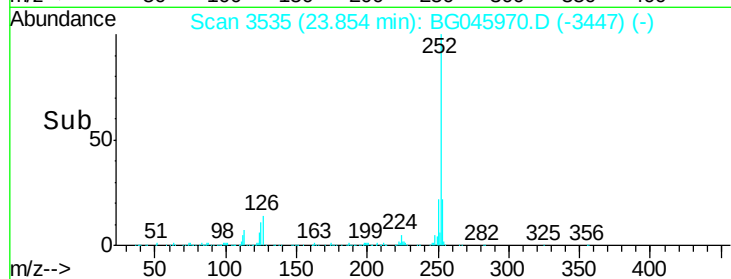
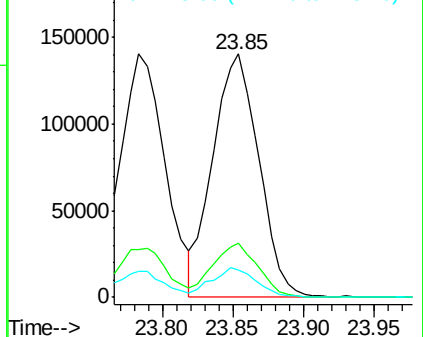
125 11.3 9.6 14.4



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: 7.905 ng

RT: 24.63 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BG045970.D

Acq: 7 Jul 2020 22:02

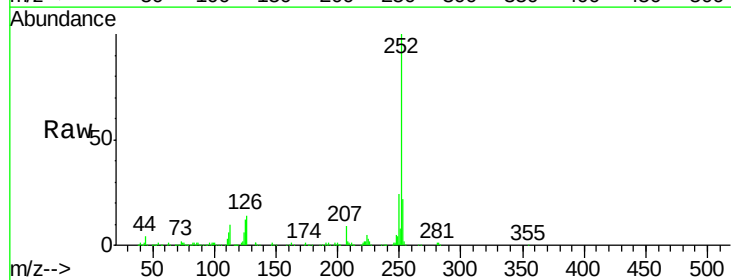
Tgt Ion:252 Resp: 289709

Ion Ratio Lower Upper

252 100

253 22.1 18.6 28.0

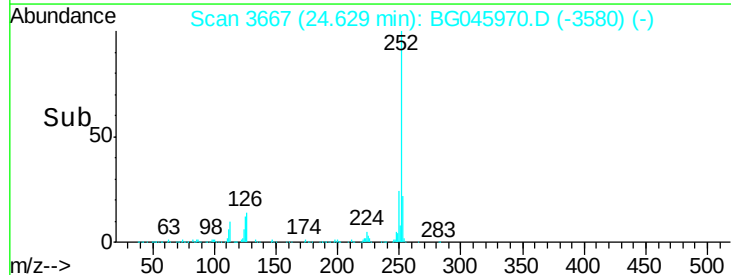
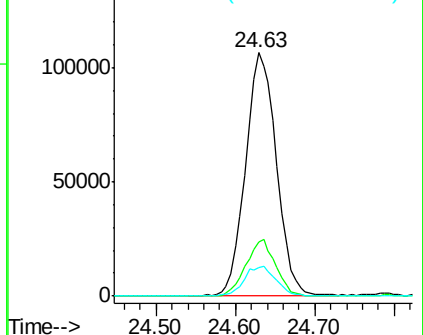
125 11.7 10.5 15.7

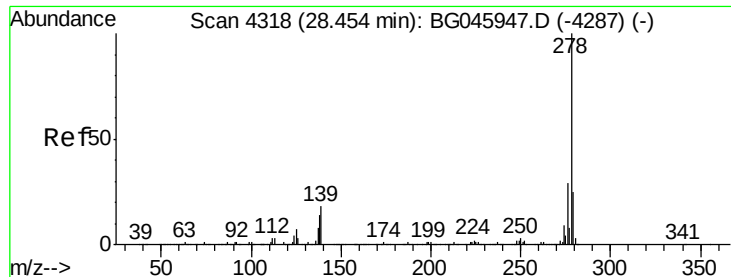


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

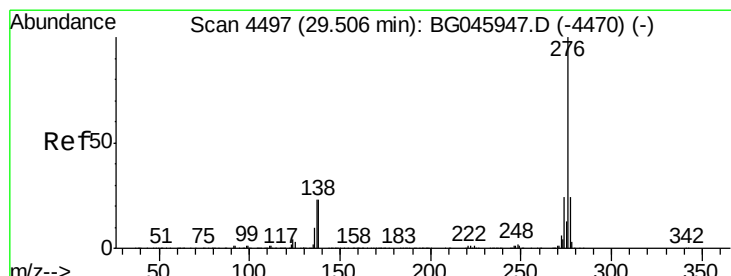
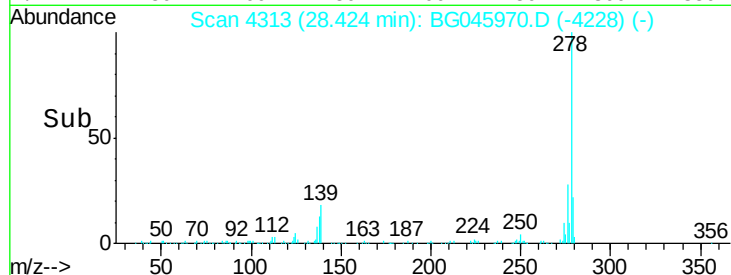
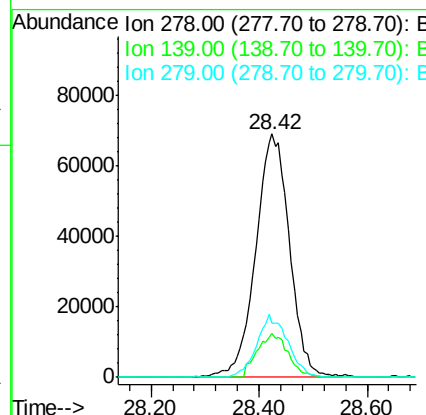
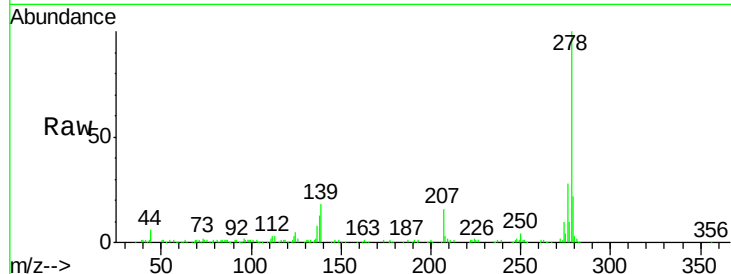




#91
Dibenzo(a,h)anthracene
Concen: 8.209 ng
RT: 28.42 min Scan# 4313
Delta R.T. -0.03 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.3	14.3	21.5
279	22.2	19.8	29.6



#92
Benzo(g,h,i)perylene
Concen: 8.157 ng
RT: 29.46 min Scan# 4489
Delta R.T. -0.05 min
Lab File: BG045970.D
Acq: 7 Jul 2020 22:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.4	29.0
138	23.0	18.6	28.0

