

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120603.D
 Acq On : 11 Jun 2020 15:27
 Operator : JU/CG
 Sample : L1161-07
 Misc : LOD-MDL-WTR-8PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Quant Time: Jun 11 15:58:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 14:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	141283	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513374	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	272876	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	521585	20.00	ng	0.00
76) Chrysene-d12	13.95	240	425065	20.00	ng	-0.01
86) Perylene-d12	15.39	264	473014	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1214556	147.38	ng	0.00
7) Phenol-d6	6.43	99	1534167	149.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	963358	104.89	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	469305	147.93	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1725039	96.72	ng	0.00
79) Terphenyl-d14	12.90	244	1960003	101.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	29701	7.605	ng	99
3) Pyridine	3.27	79	63344	5.769	ng	97
4) n-Nitrosodimethylamine	3.15	42	33623	7.379	ng	97
6) Aniline	6.46	93	112162	8.539	ng	98
8) 2-Chlorophenol	6.59	128	71916	7.723	ng	98
9) Benzaldehyde	6.35	77	61455	9.466	ng	97
10) Phenol	6.45	94	93311	8.521	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	71826	7.874	ng	98
12) 1,3-Dichlorobenzene	6.74	146	80616	8.143	ng	98
13) 1,4-Dichlorobenzene	6.82	146	80144	8.205	ng	97
14) 1,2-Dichlorobenzene	6.97	146	75907	7.978	ng	97
15) Benzyl Alcohol	6.93	79	68031	9.347	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	107117	8.156	ng	99
17) 2-Methylphenol	7.05	107	57462	7.235	ng	97
18) Hexachloroethane	7.31	117	29246	8.126	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	51026	8.571	ng	96
20) 3+4-Methylphenols	7.20	107	76037	7.661	ng	# 73
22) Acetophenone	7.20	105	107831	9.395	ng	97
24) Nitrobenzene	7.38	77	79296	8.250	ng	99
25) Isophorone	7.62	82	140146	7.833	ng	98
26) 2-Nitrophenol	7.69	139	35244	6.931	ng	96
27) 2,4-Dimethylphenol	7.73	122	53347	7.126	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	90409	8.718	ng	97
29) 2,4-Dichlorophenol	7.93	162	59134	7.771	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	69250	8.211	ng	99
31) Naphthalene	8.10	128	223583	8.869	ng	99
32) Benzoic acid	7.80	122	17895	3.115	ng	95
33) 4-Chloroaniline	8.15	127	90272	7.802	ng	99
34) Hexachlorobutadiene	8.22	225	39483	8.032	ng	99
35) Caprolactam	8.48	113	19547	8.031	ng	# 83
36) 4-Chloro-3-methylphenol	8.63	107	61067	8.032	ng	99
37) 2-Methylnaphthalene	8.79	142	147117	8.940	ng	98
38) 1-Methylnaphthalene	8.89	142	139743	9.024	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	70502	8.653	ng	98

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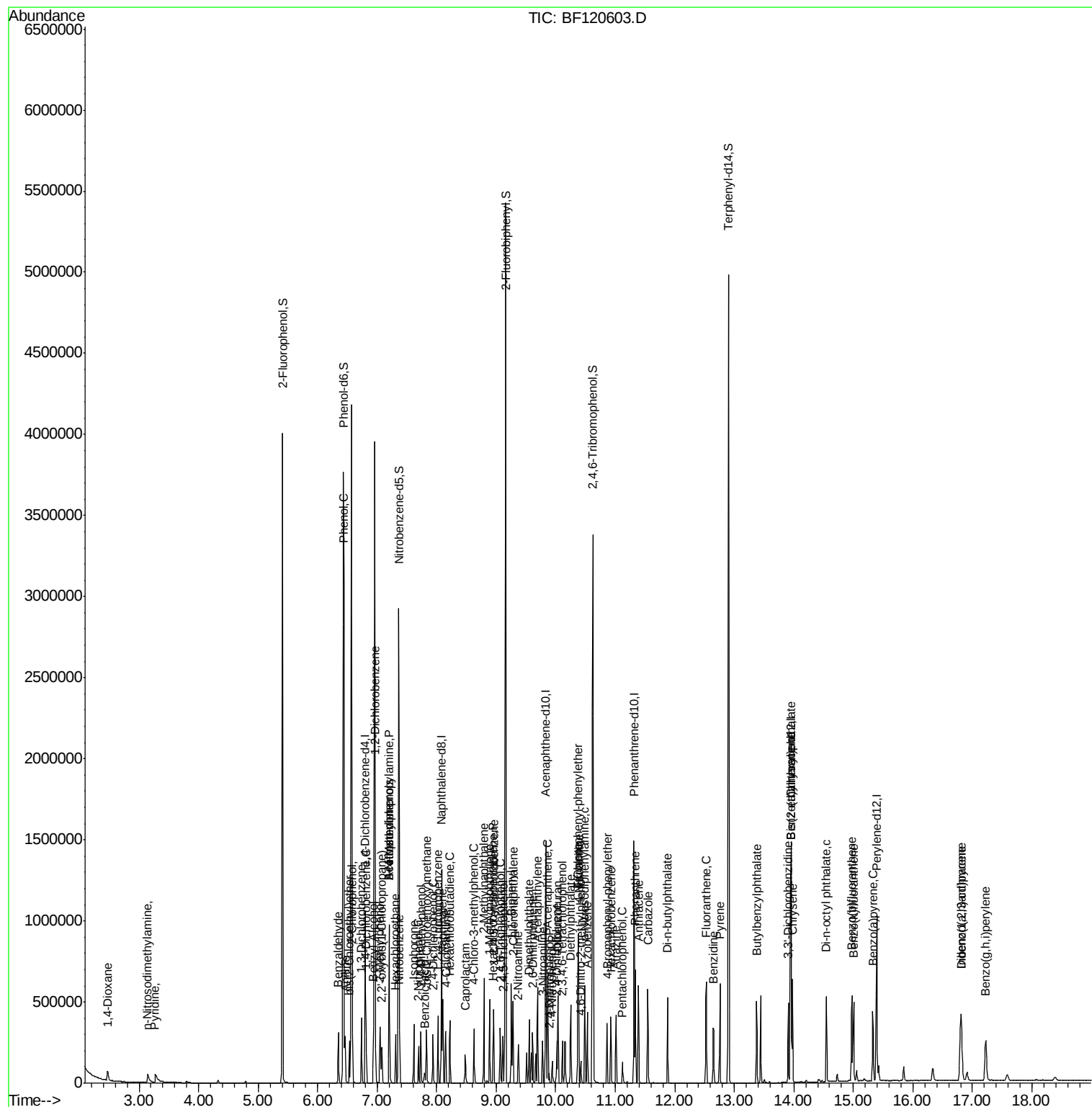
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	27705	6.068	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	41444	7.171	ng	100
44) 2,4,5-Trichlorophenol	9.11	196	45391	6.922	ng	99
46) 1,1'-Biphenyl	9.26	154	190288	9.339	ng	96
47) 2-Chloronaphthalene	9.28	162	137358	8.244	ng	98
48) 2-Nitroaniline	9.37	65	37530	7.172	ng	87
49) Acenaphthylene	9.69	152	222663	8.659	ng	98
50) Dimethylphthalate	9.55	163	154867	7.880	ng	98
51) 2,6-Dinitrotoluene	9.61	165	32222	7.235	ng	94
52) Acenaphthene	9.86	154	134120	8.745	ng	99
53) 3-Nitroaniline	9.78	138	35733	6.680	ng	98
54) 2,4-Dinitrophenol	9.89	184	8641	3.619	ng	# 78
55) Dibenzofuran	10.03	168	201668	8.576	ng	98
56) 4-Nitrophenol	9.94	139	24240	6.016	ng	92
57) 2,4-Dinitrotoluene	10.02	165	41082	6.951	ng	94
58) Fluorene	10.38	166	154276	8.510	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.11	232	32301	6.261	ng	93
60) Diethylphthalate	10.25	149	155871	8.053	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	78301	8.364	ng	92
62) 4-Nitroaniline	10.39	138	35117	6.612	ng	97
63) Azobenzene	10.53	77	151361	8.615	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16795	5.366	ng	97
66) n-Nitrosodiphenylamine	10.49	169	134834	8.418	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	46038	7.777	ng	97
68) Hexachlorobenzene	10.93	284	51866	8.149	ng	98
69) Atrazine	11.01	200	43849	8.847	ng	98
70) Pentachlorophenol	11.12	266	17700	5.002	ng	98
71) Phenanthrene	11.34	178	226515	8.736	ng	99
72) Anthracene	11.39	178	231001	8.839	ng	98
73) Carbazole	11.55	167	210303	8.129	ng	99
74) Di-n-butylphthalate	11.88	149	247121	8.497	ng	98
75) Fluoranthene	12.53	202	246761	8.324	ng	97
77) Benzidine	12.65	184	134477	9.355	ng	# 93
78) Pyrene	12.76	202	257183	8.541	ng	98
80) Butylbenzylphthalate	13.37	149	101593	7.598	ng	98
81) Benzo(a)anthracene	13.94	228	235789	9.233	ng	99
82) 3,3'-Dichlorobenzidine	13.90	252	91561	9.387	ng	# 98
83) Chrysene	13.98	228	228114	8.708	ng	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	148705	9.113	ng	99
85) Di-n-octyl phthalate	14.55	149	246041	7.900	ng	98
87) Indeno(1,2,3-cd)pyrene	16.80	276	253943	8.826	ng	99
88) Benzo(b)fluoranthene	14.97	252	218987	7.772	ng	98
89) Benzo(k)fluoranthene	15.00	252	221903	8.900	ng	98
90) Benzo(a)pyrene	15.33	252	199662	7.918	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	213087	9.235	ng	97
92) Benzo(g,h,i)perylene	17.23	276	213622	9.185	ng	97

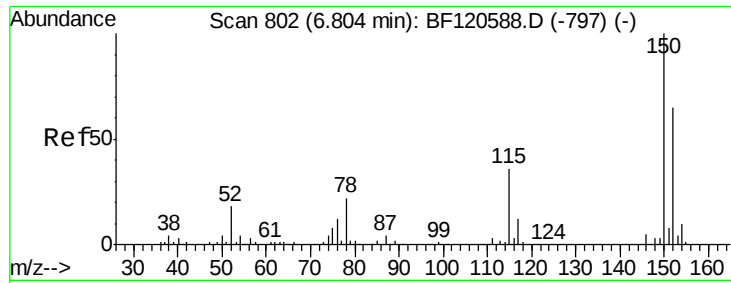
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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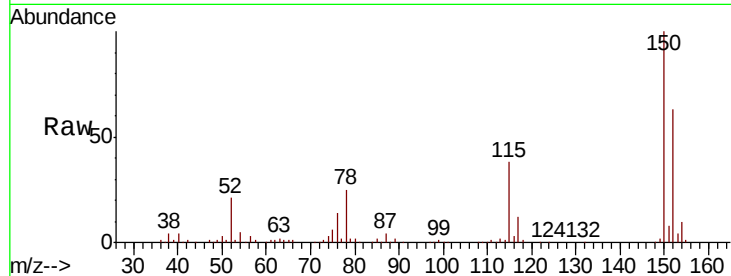


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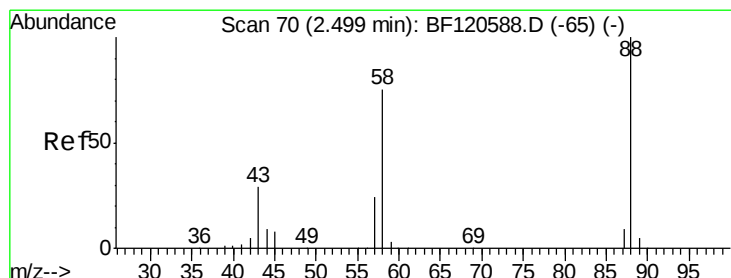
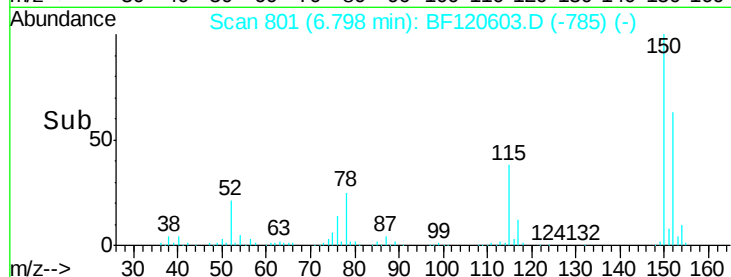
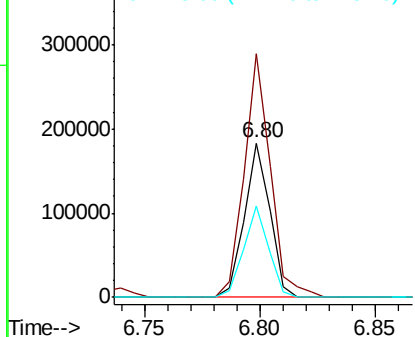
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:152 Resp: 141283
Ion Ratio Lower Upper
152 100
150 157.9 123.2 184.8
115 59.5 43.9 65.9



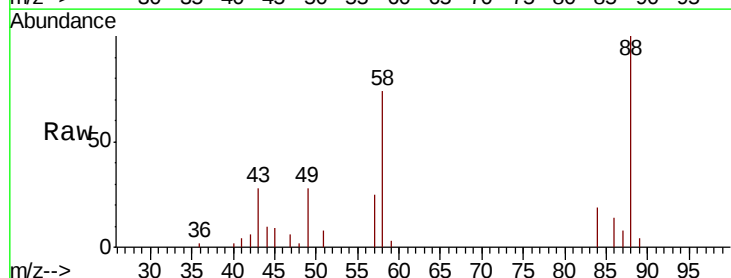
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



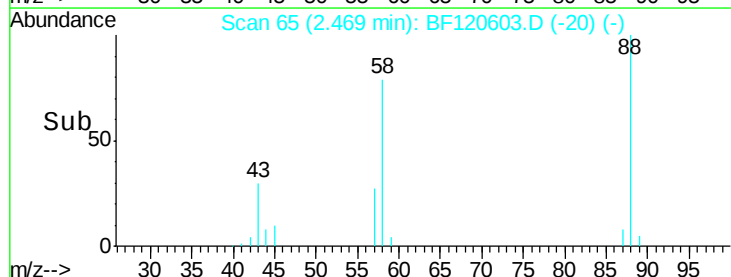
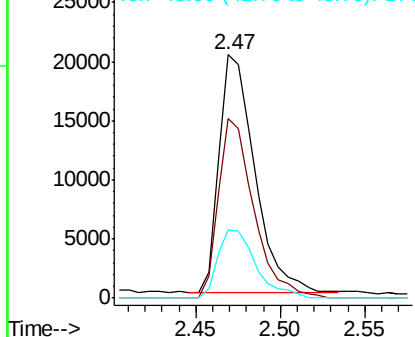
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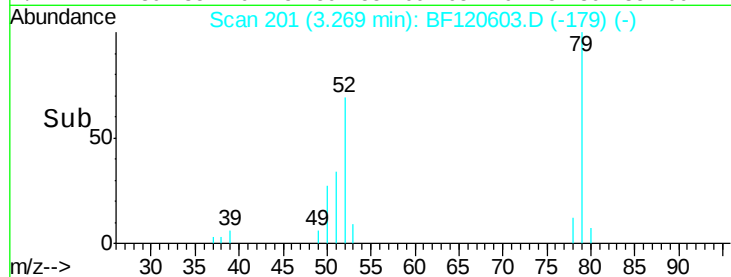
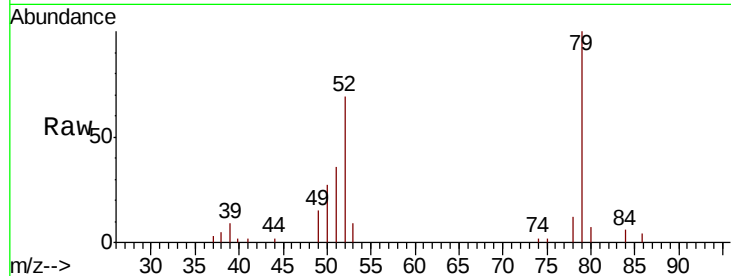
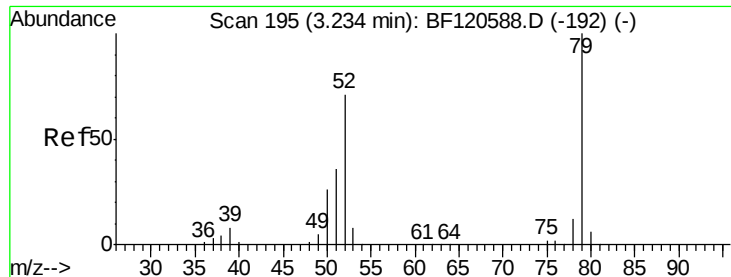
1,4-Dioxane
Concen: 7.605 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion: 88 Resp: 29701
Ion Ratio Lower Upper
88 100
58 74.6 59.6 89.4
43 30.5 23.1 34.7



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1

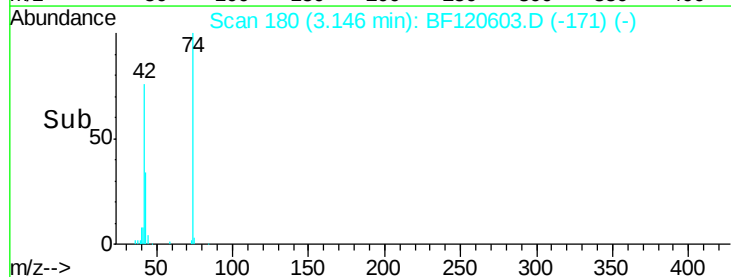
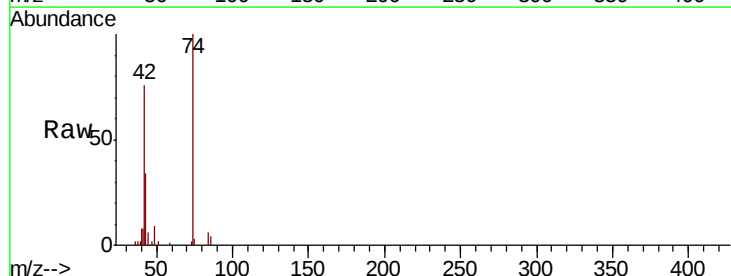
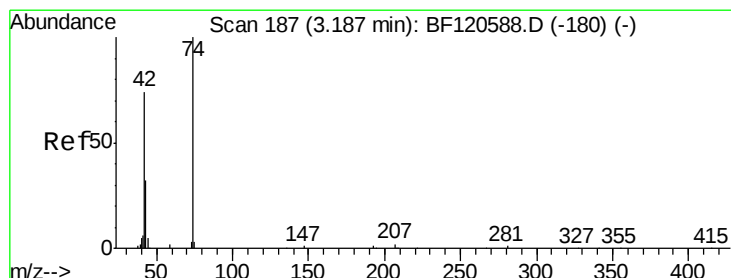
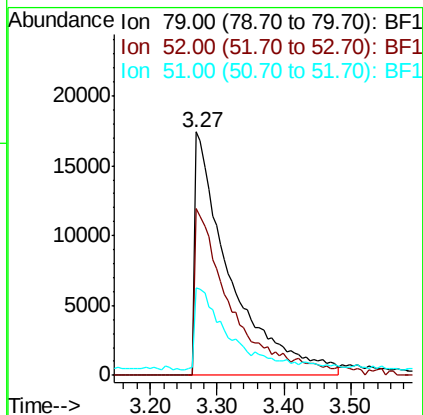




#3
 Pvridine
 Concen: 5.769 ng
 RT: 3.27 min Scan# 201
 Delta R.T. 0.03 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

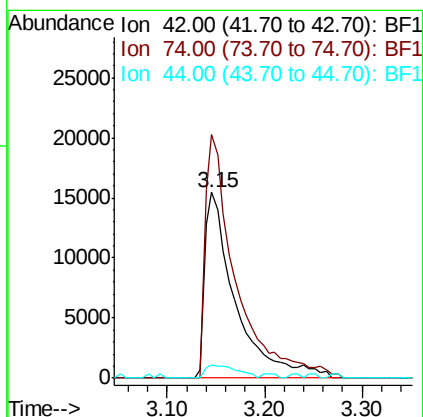
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

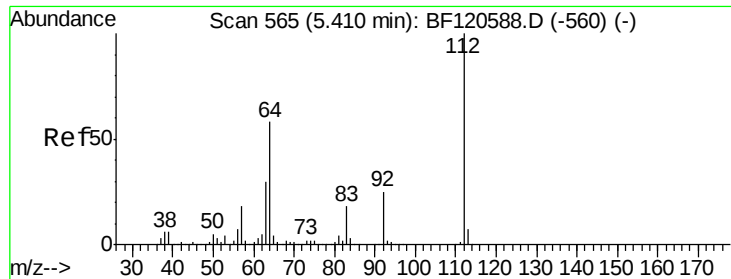
Tot Ion: 79 Resp: 63344
 Ion Ratio Lower Upper
 79 100
 52 68.5 57.0 85.6
 51 36.2 28.5 42.7



#4
 n-Nitrosodimethylamine
 Concen: 7.379 ng
 RT: 3.15 min Scan# 180
 Delta R.T. -0.05 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion: 42 Resp: 33623
 Ion Ratio Lower Upper
 42 100
 74 130.9 107.8 161.6
 44 7.4 5.1 7.7





#5

2-Fluorophenol

Concen: 147.385 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

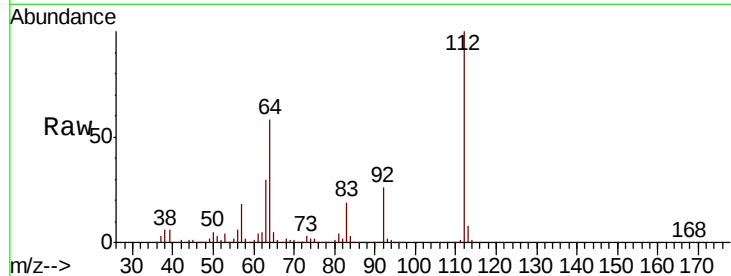
Tot Ion:112 Resp: 1214556

Ion Ratio Lower Upper

112 100

64 57.8 46.1 69.1

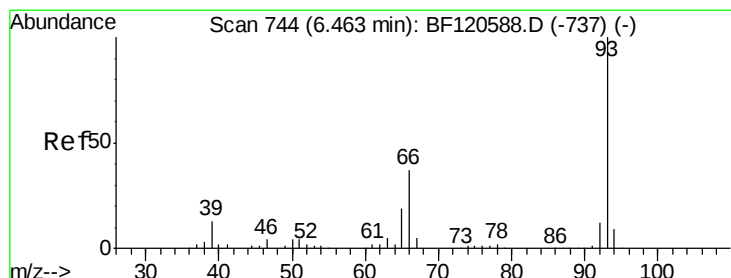
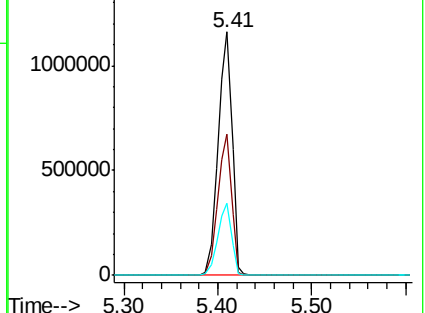
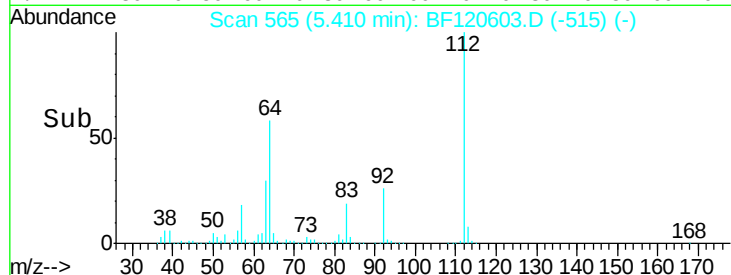
63 29.7 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.539 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

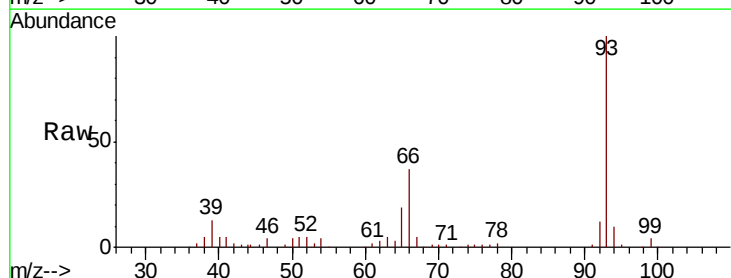
Tgt Ion: 93 Resp: 112162

Ion Ratio Lower Upper

93 100

66 36.9 30.9 46.3

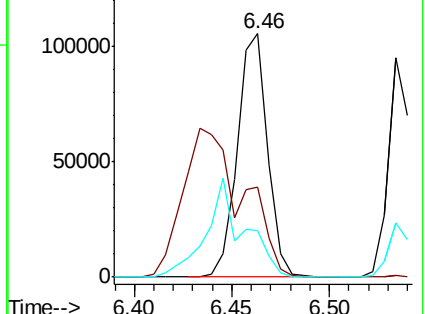
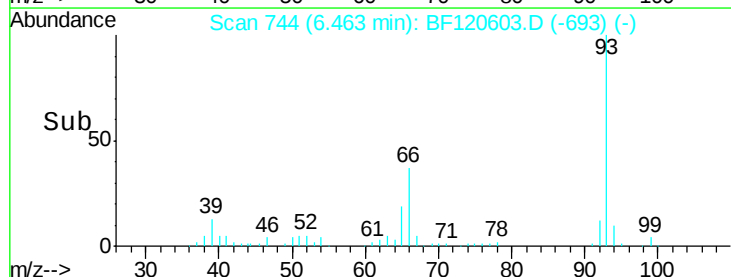
65 19.2 15.9 23.9

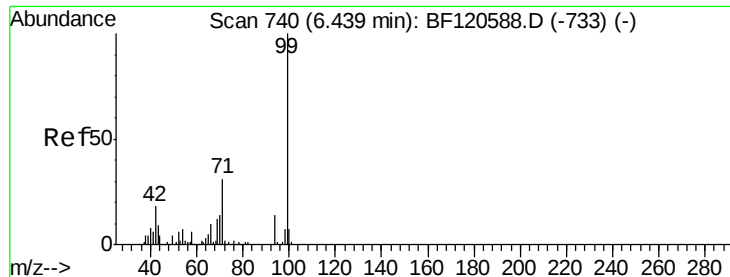


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 149.474 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

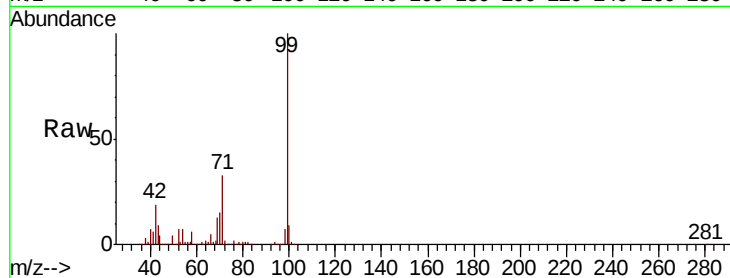
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 99 Resp: 1534167

Ion	Ratio	Lower	Upper
99	100		
42	18.8	14.0	21.0
71	32.9	24.9	37.3

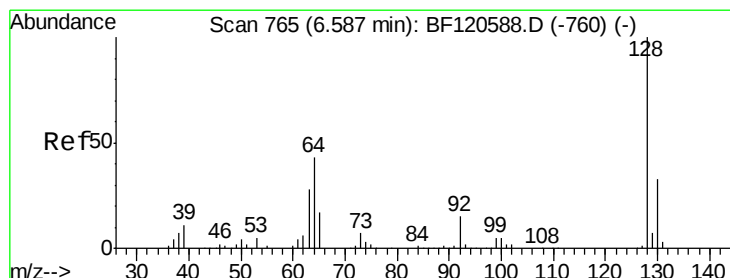
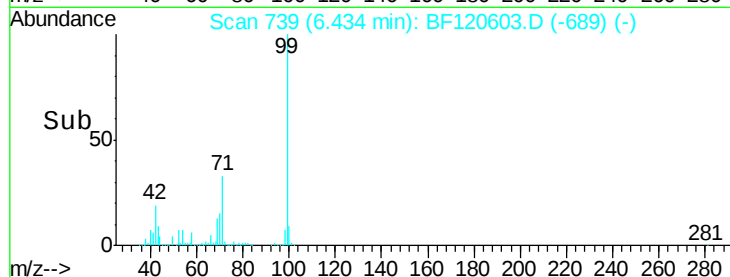
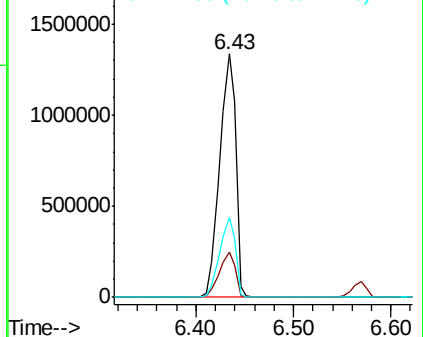


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.723 ng

RT: 6.59 min Scan# 765

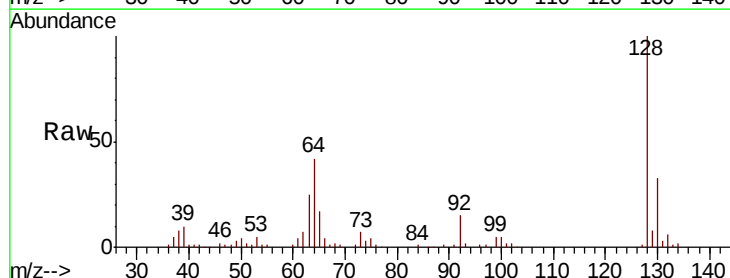
Delta R.T. 0.00 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion: 128 Resp: 71916

Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.6	52.6
64	42.5	24.3	64.3

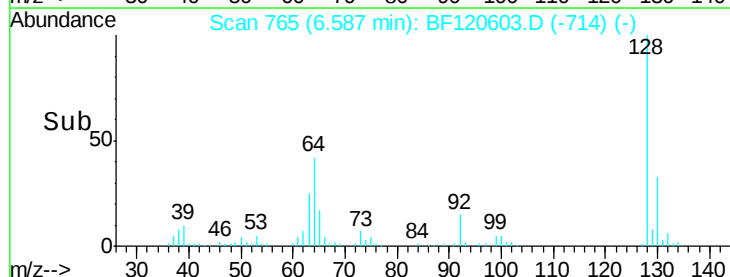
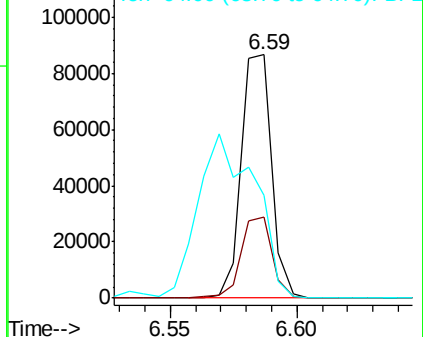


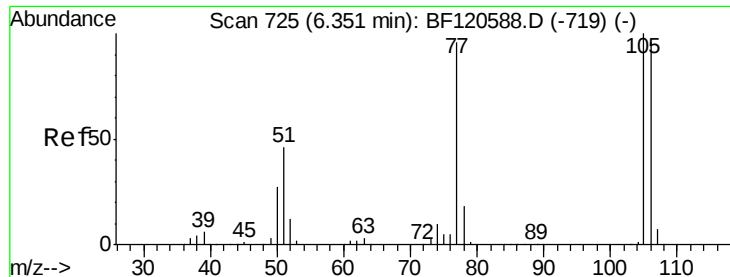
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1

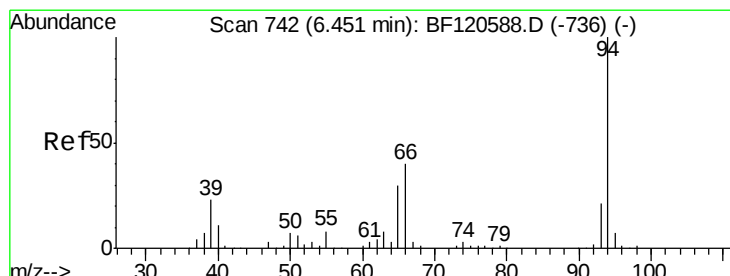
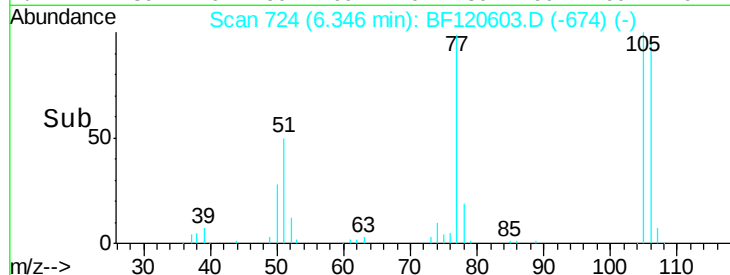
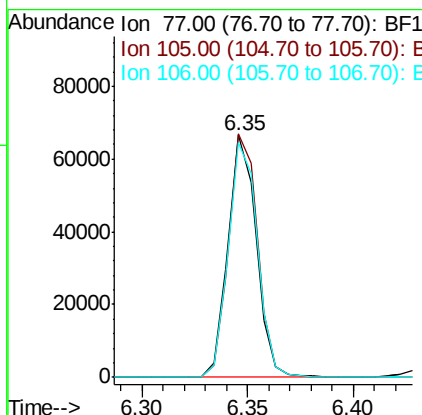
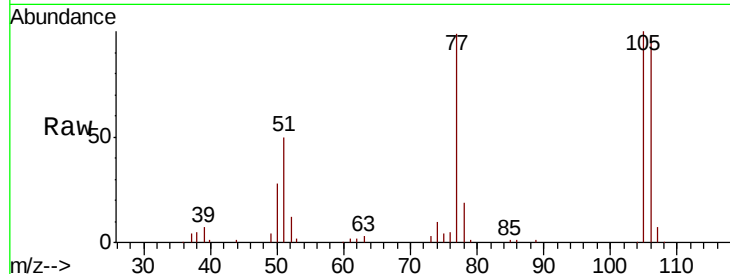




#9
Benzaldehyde
Concen: 9.466 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
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Acq: 11 Jun 2020 15:27

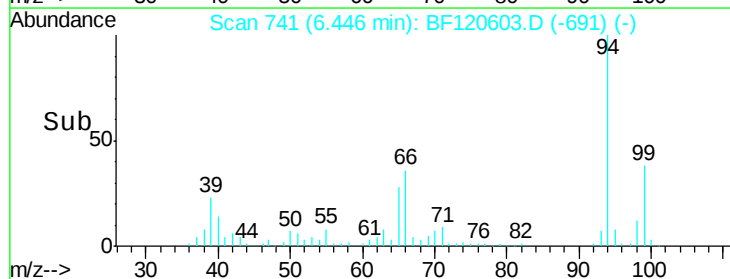
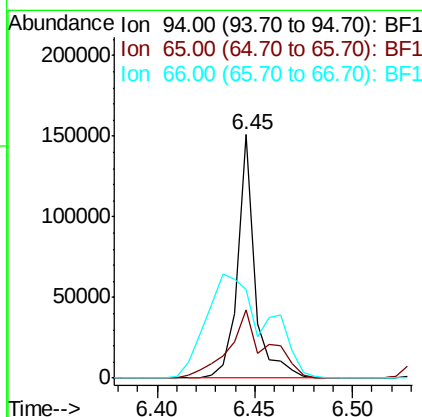
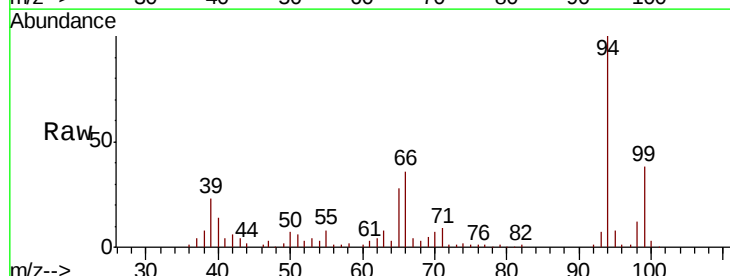
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

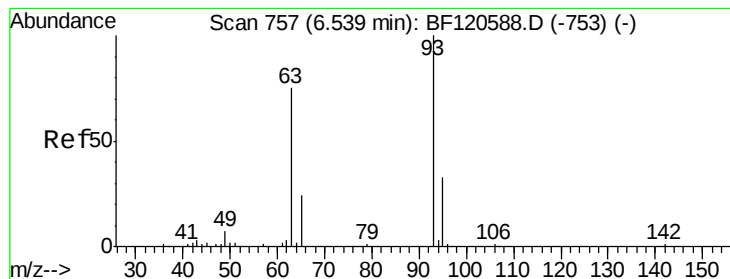
Tot Ion: 77 Resp: 61455
Ion Ratio Lower Upper
77 100
105 100.5 83.8 123.8
106 97.1 79.3 119.3



#10
Phenol
Concen: 8.521 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion: 94 Resp: 93311
Ion Ratio Lower Upper
94 100
65 28.2 9.9 49.9
66 36.5 20.1 60.1





#11

bis(2-Chloroethyl)ether

Concen: 7.874 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

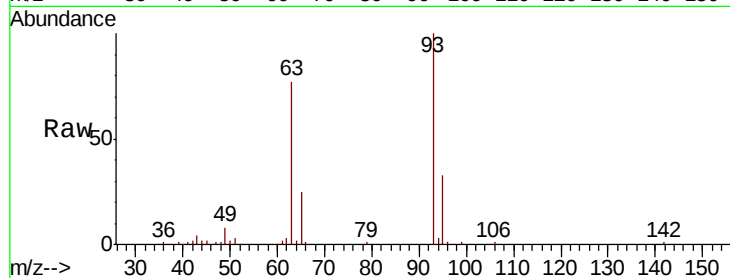
Tot Ion: 93 Resp: 71826

Ion Ratio Lower Upper

93 100

63 77.2 54.4 94.4

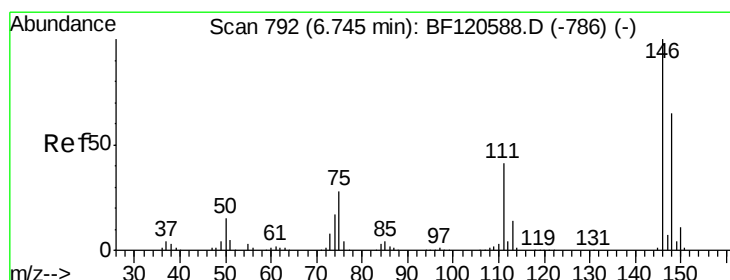
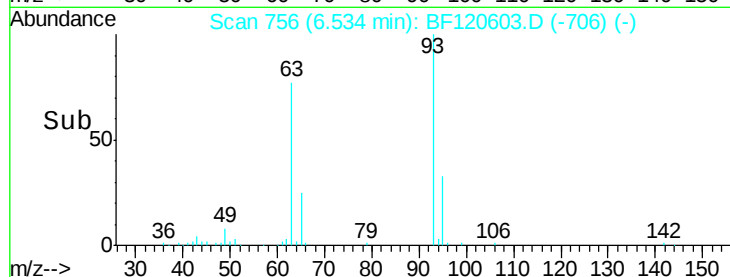
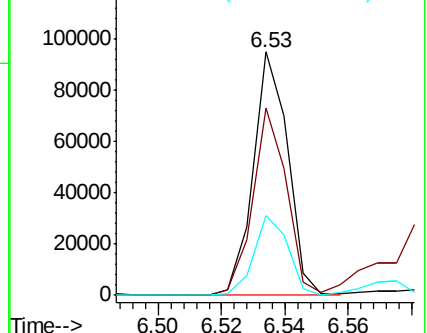
95 32.6 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 8.143 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

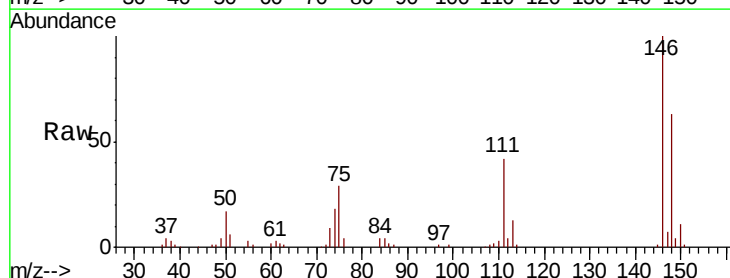
Tgt Ion: 146 Resp: 80616

Ion Ratio Lower Upper

146 100

148 63.3 51.8 77.6

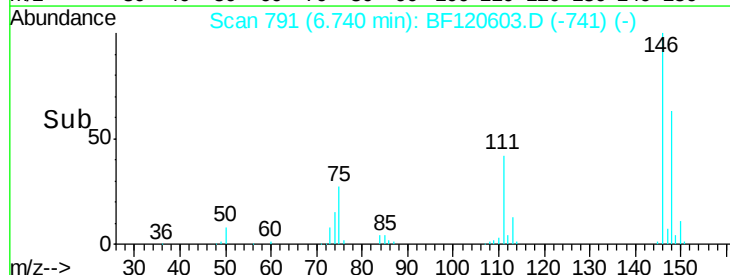
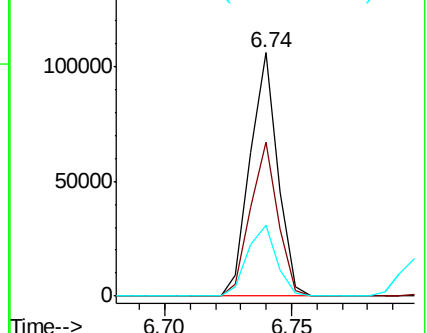
75 29.1 22.2 33.4

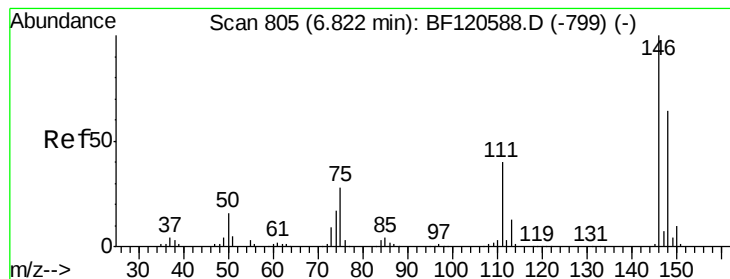


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 8.205 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

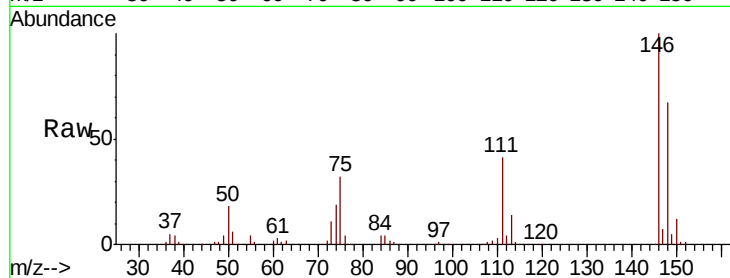
Tot Ion:146 Resp: 80144

Ion Ratio Lower Upper

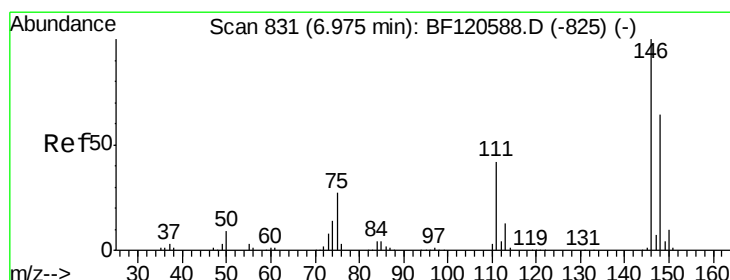
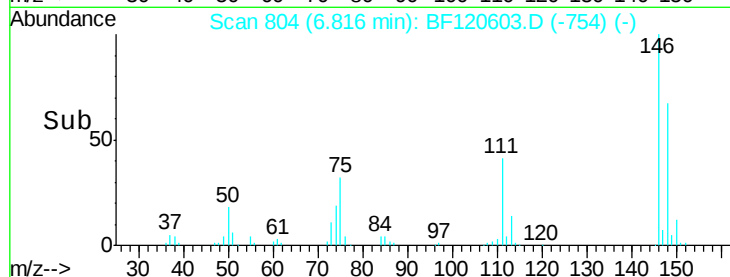
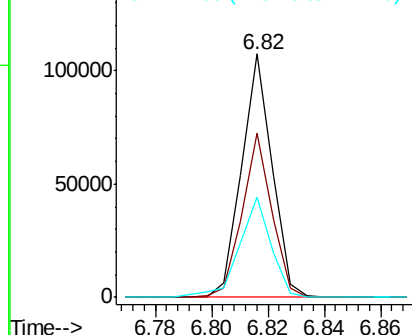
146 100

148 67.3 51.5 77.3

111 41.1 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 7.978 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

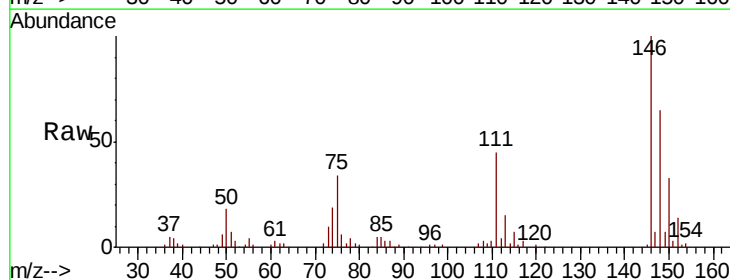
Tgt Ion:146 Resp: 75907

Ion Ratio Lower Upper

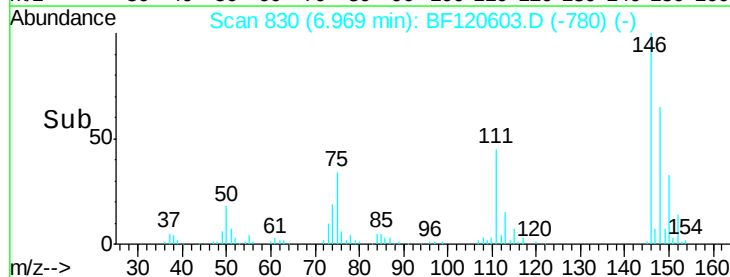
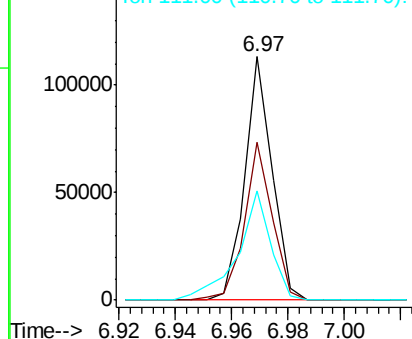
146 100

148 64.8 50.8 76.2

111 44.7 33.6 50.4



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

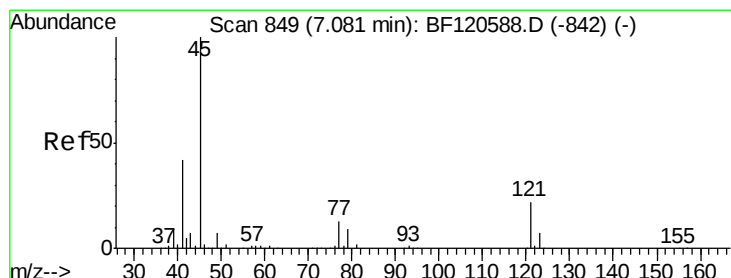
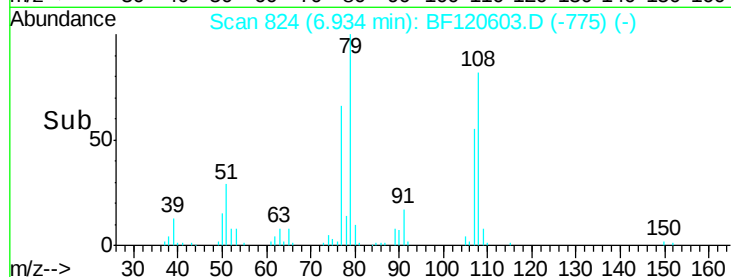
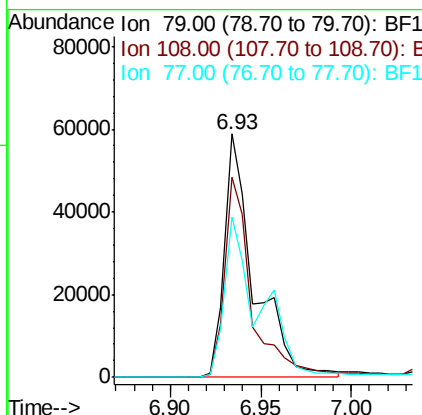
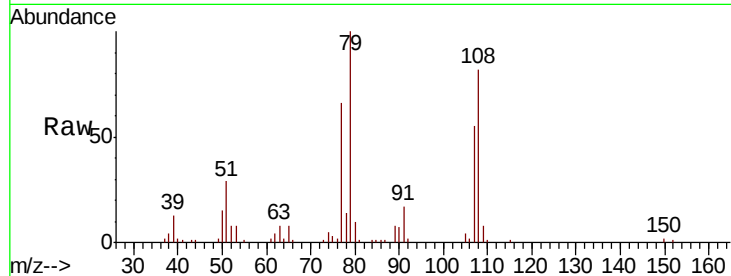




#15
Benzyl Alcohol
Concen: 9.347 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

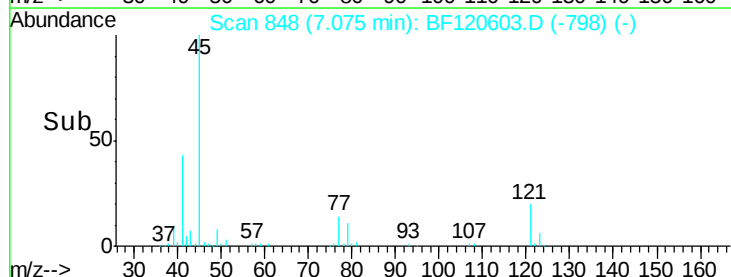
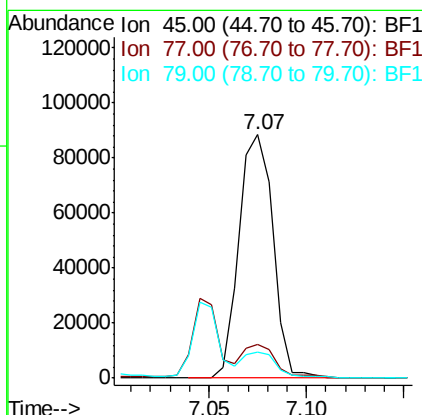
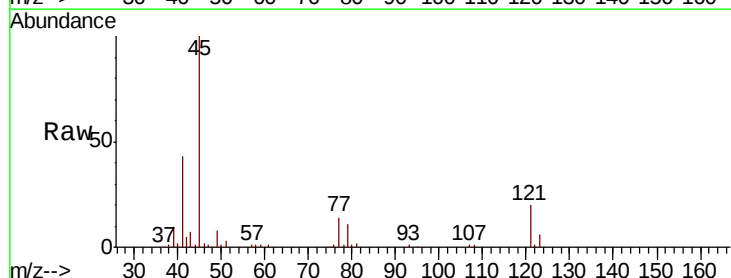
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

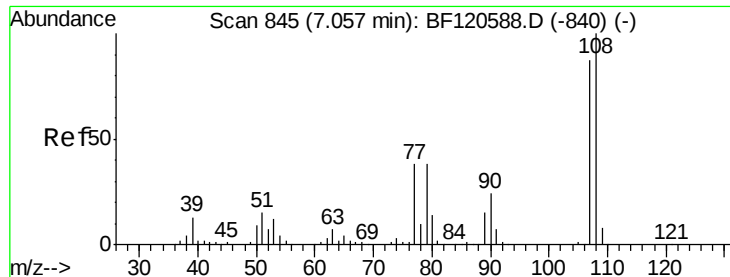
Tot Ion: 79 Resp: 68031
Ion Ratio Lower Upper
79 100
108 82.4 66.8 100.2
77 65.6 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.156 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion: 45 Resp: 107117
Ion Ratio Lower Upper
45 100
77 13.7 0.0 34.2
79 10.9 0.0 30.9





#17

2-Methylphenol

Concen: 7.235 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:107 Resp: 57462

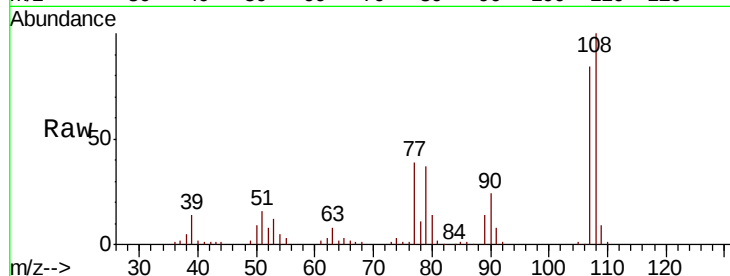
Ion Ratio Lower Upper

107 100

108 118.8 91.9 137.9

77 45.8 35.4 53.2

79 43.9 34.8 52.2

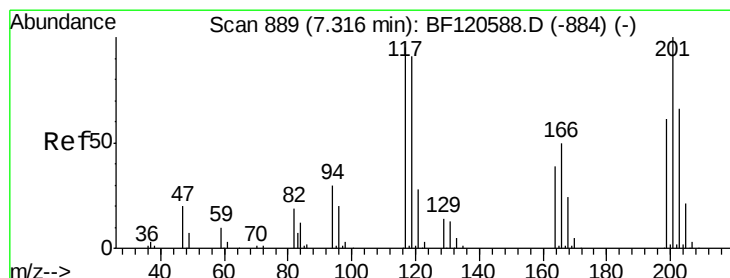
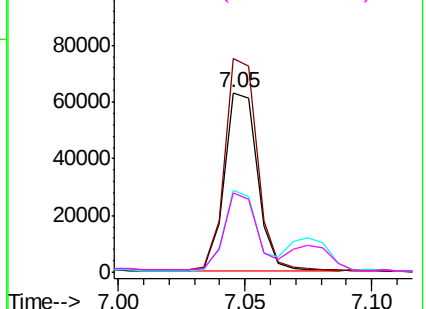
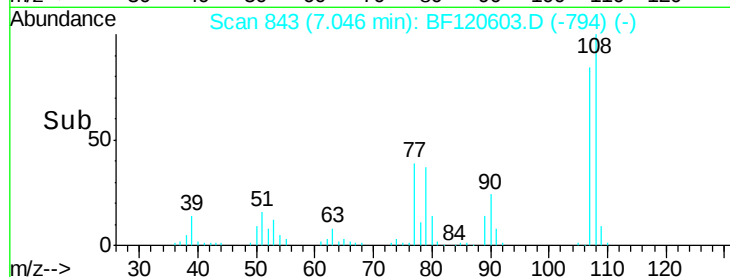


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 8.126 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

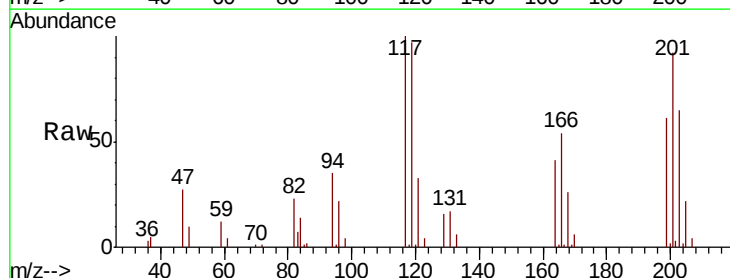
Tgt Ion:117 Resp: 29246

Ion Ratio Lower Upper

117 100

119 97.4 76.9 115.3

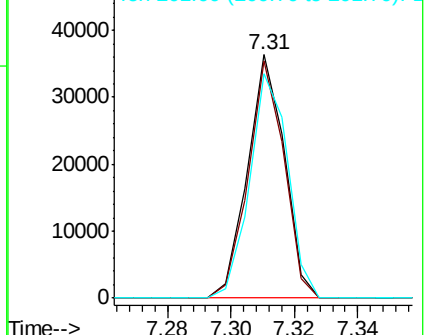
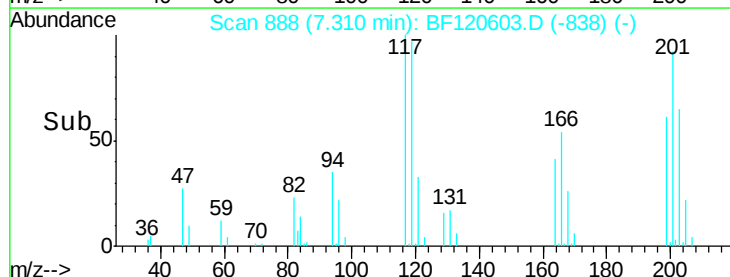
201 95.2 84.6 127.0

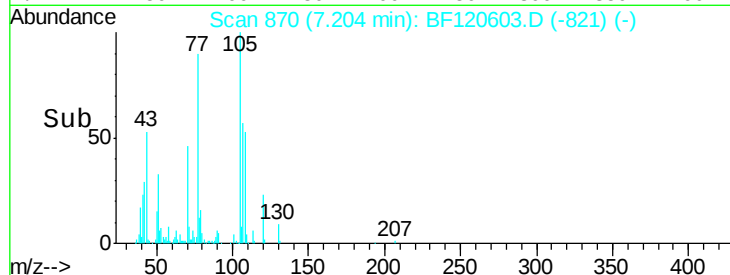
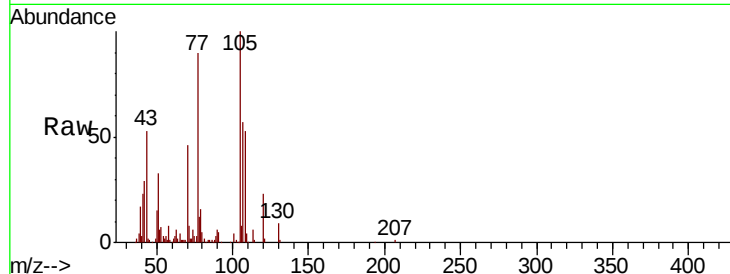
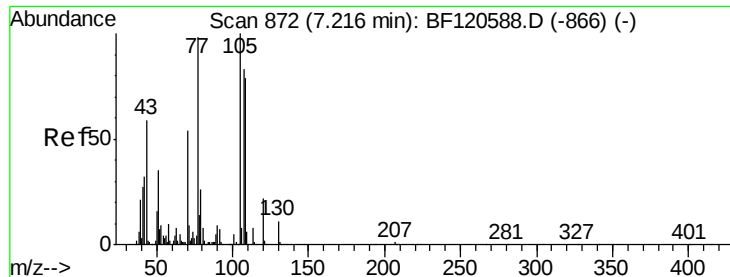


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

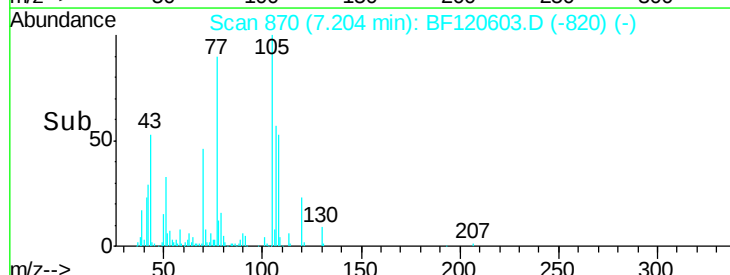
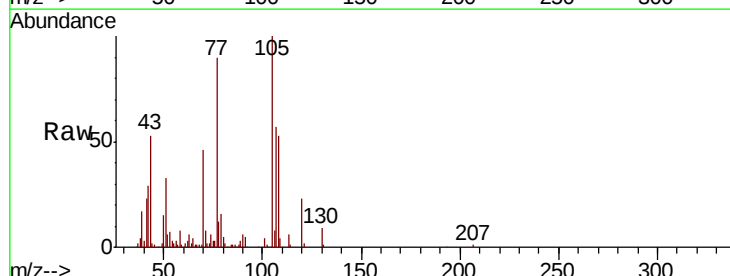
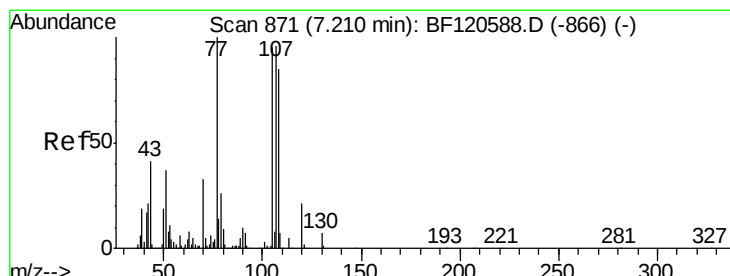
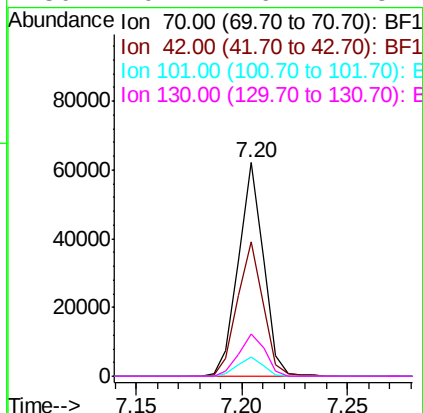




#19
n-Nitroso-di-n-propylamine
Concen: 8.571 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

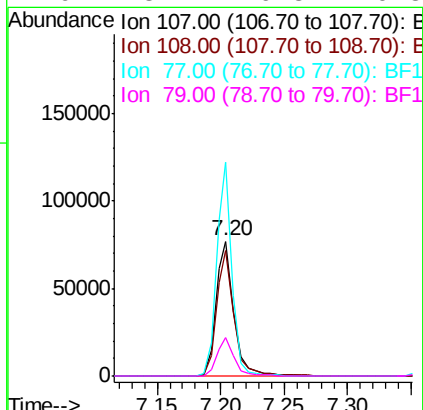
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	70	Resp:	51026
Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.7	71.5
101	9.2	7.6	11.4
130	19.7	16.7	25.1



#20
3+4-Methylphenols
Concen: 7.661 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:	107	Resp:	76037
Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.7	108.7
77	158.2	84.2	124.2#
79	28.7	6.8	46.8

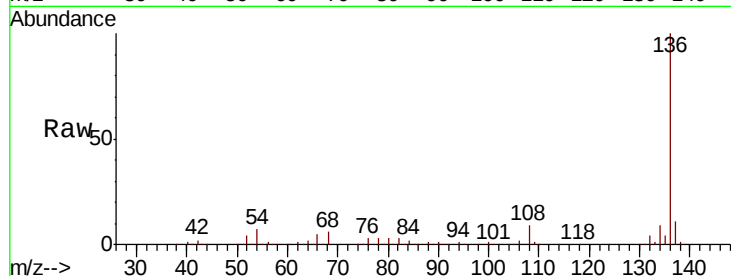




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:136	Resp:	513374
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	7.3	5.8 8.6
68	5.6	4.4 6.6



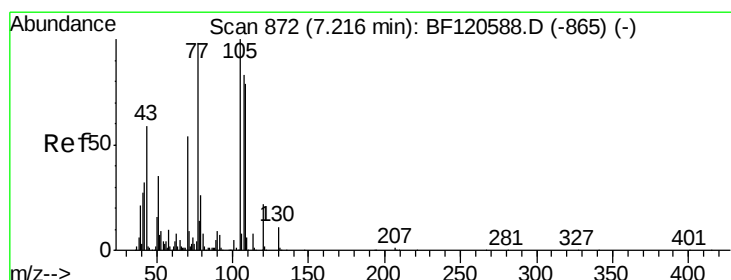
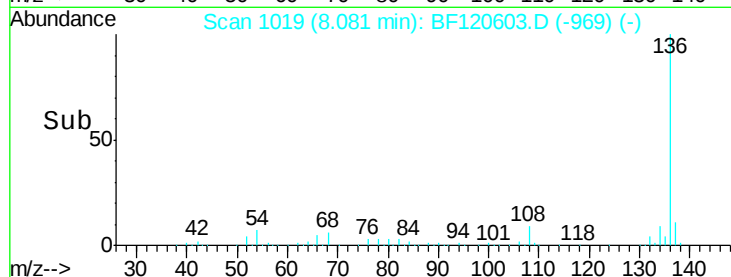
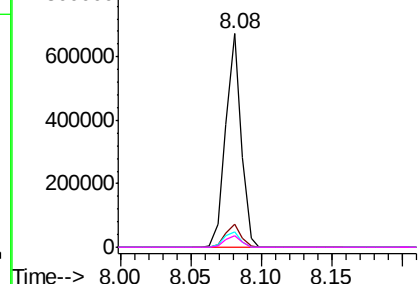
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

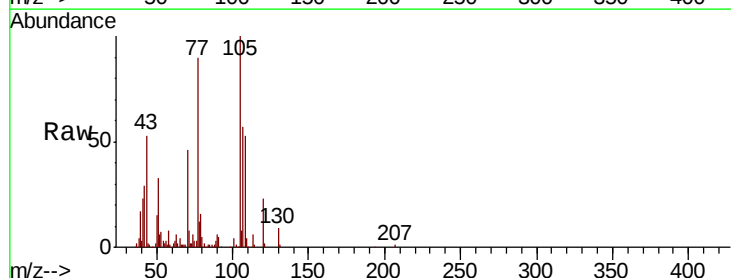
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 9.395 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:105	Resp:	107831
Ion	Ratio	Lower Upper
105	100	
71	7.6	7.2 10.8
51	32.5	27.8 41.8
120	22.8	18.0 27.0



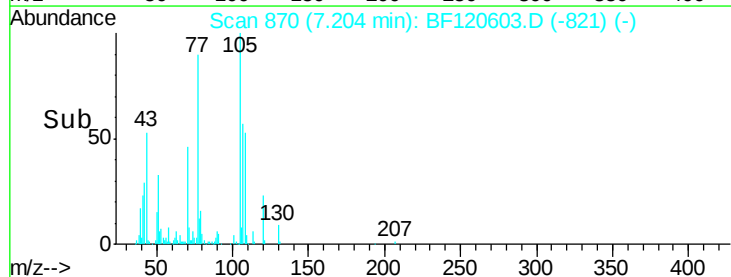
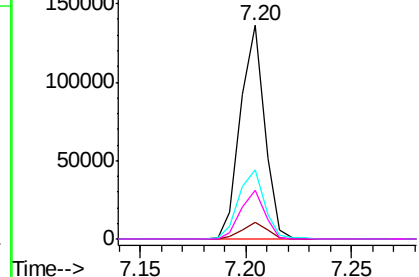
Abundance

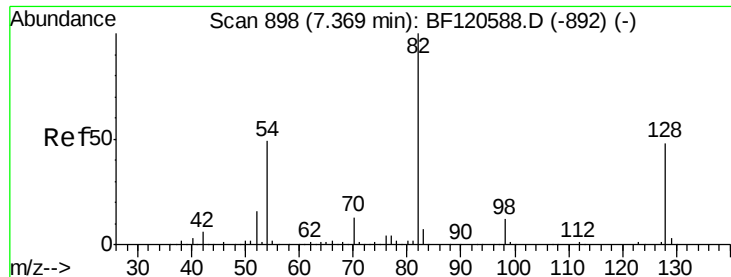
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

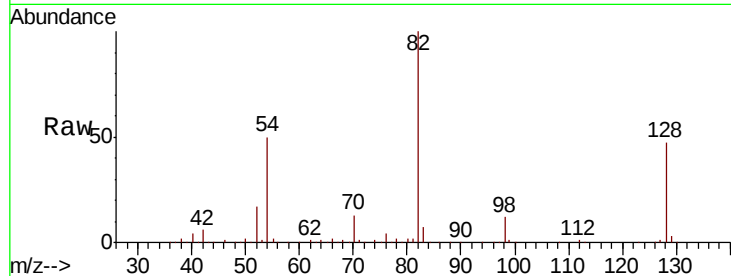




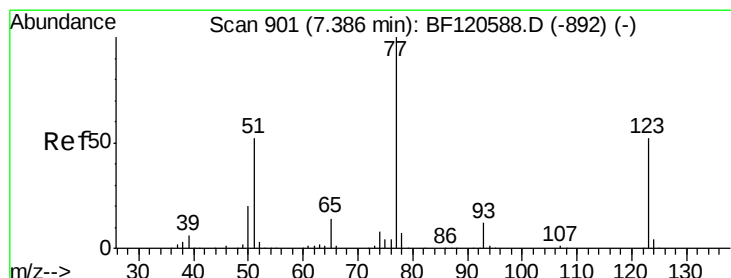
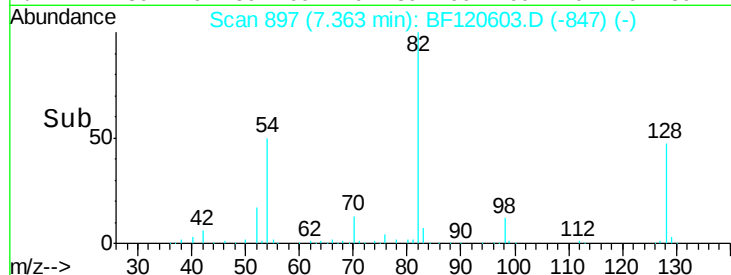
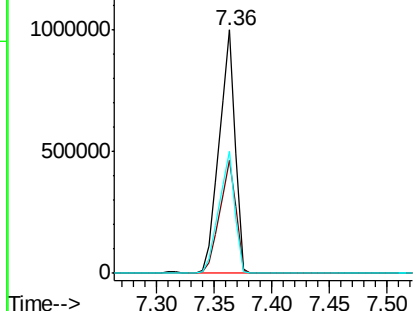
#23
 Nitrobenzene-d5
 Concen: 104.891 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	82	Resp	963358
Ion Ratio	Lower	Upper	
82	100		
128	46.6	38.0	57.0
54	50.2	38.8	58.2

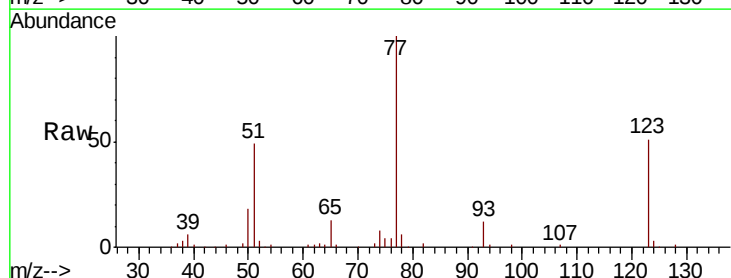


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

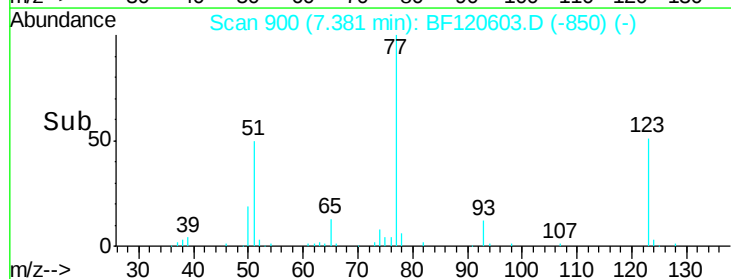
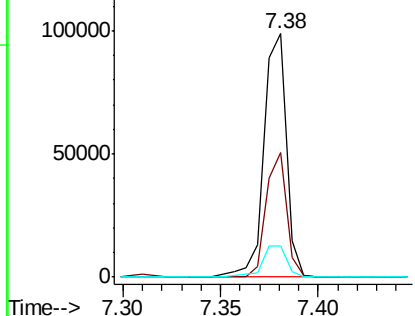


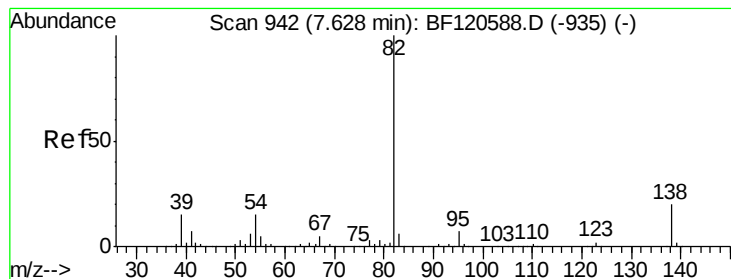
#24
 Nitrobenzene
 Concen: 8.250 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	77	Resp	79296
Ion Ratio	Lower	Upper	
77	100		
123	51.2	41.4	62.0
65	12.8	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 7.833 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

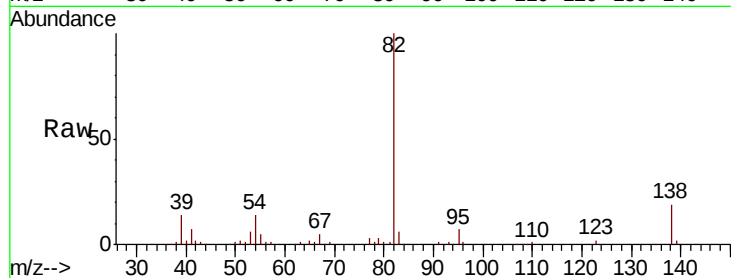
Tot Ion: 82 Resp: 140146

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

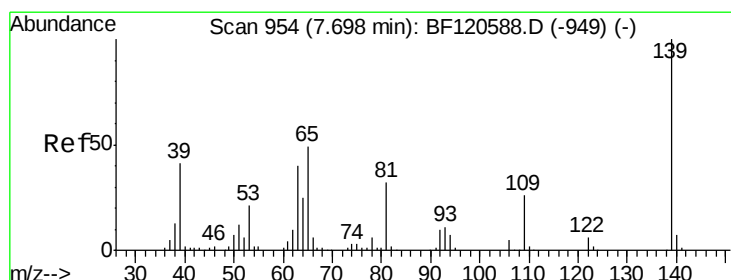
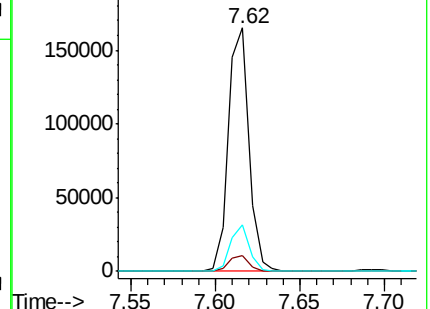
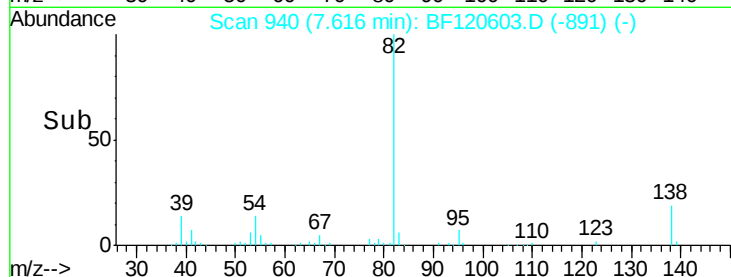
138 19.2 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 6.931 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

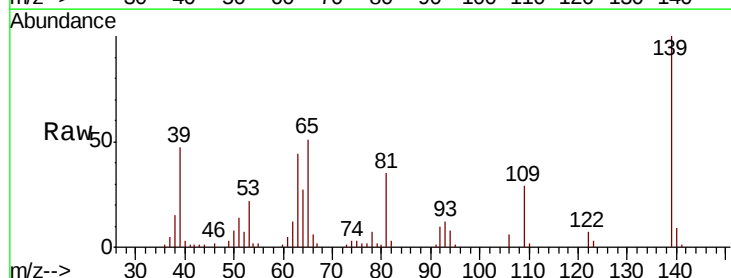
Tgt Ion: 139 Resp: 35244

Ion Ratio Lower Upper

139 100

109 28.8 21.1 31.7

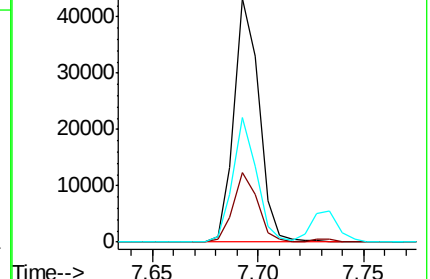
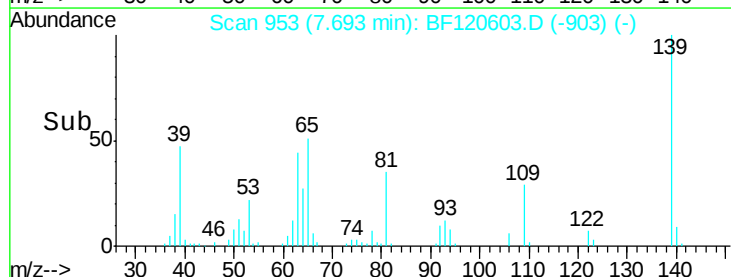
65 51.3 39.4 59.0

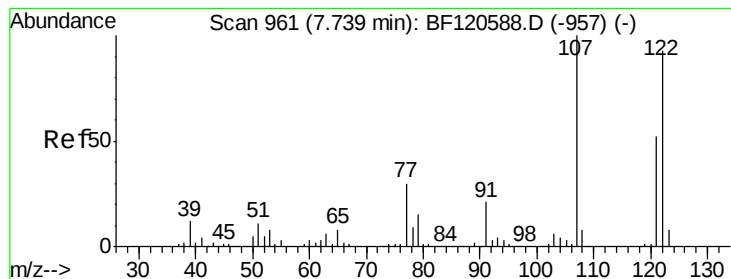


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 7.126 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

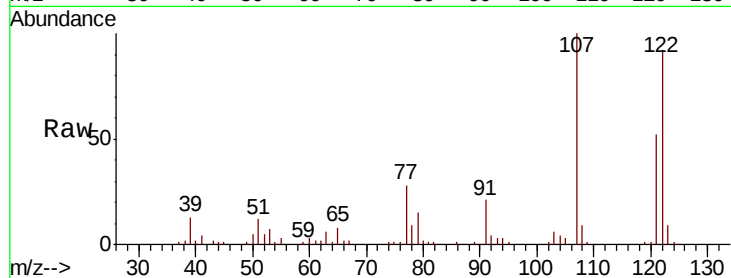
Tot Ion:122 Resp: 53347

Ion Ratio Lower Upper

122 100

107 109.2 86.4 129.6

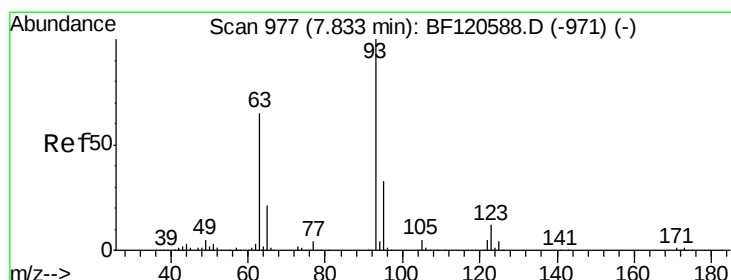
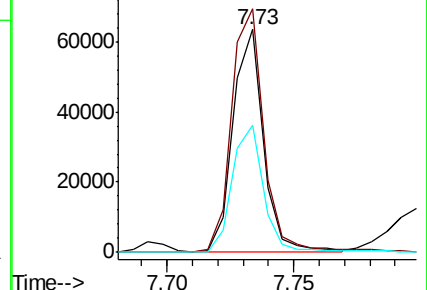
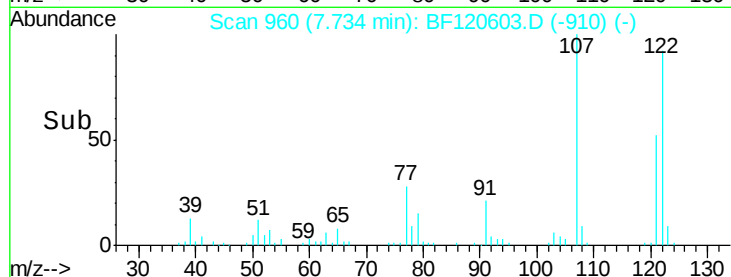
121 56.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.718 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

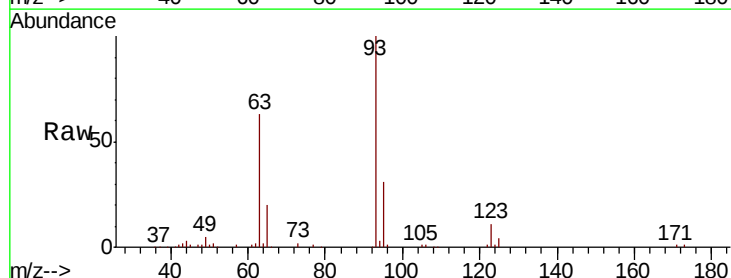
Tgt Ion: 93 Resp: 90409

Ion Ratio Lower Upper

93 100

95 30.7 26.2 39.4

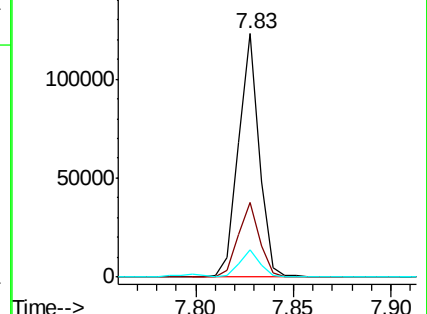
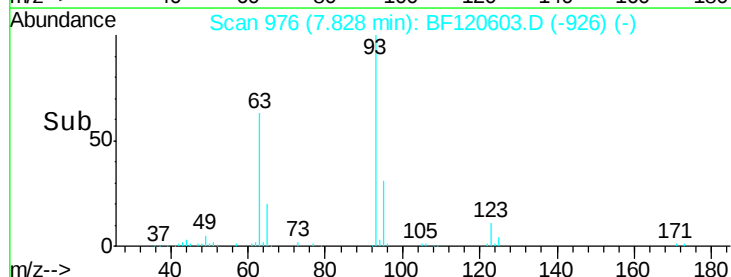
123 11.3 9.5 14.3

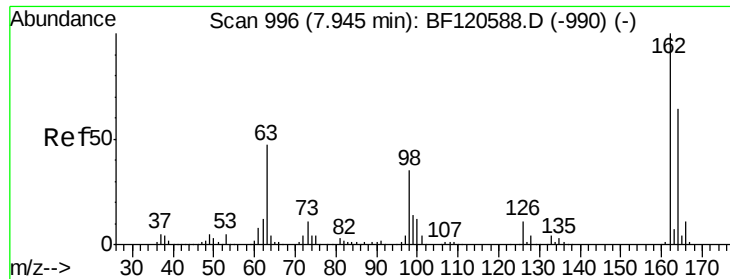


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

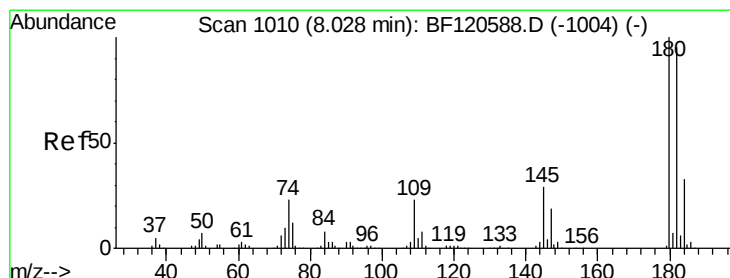
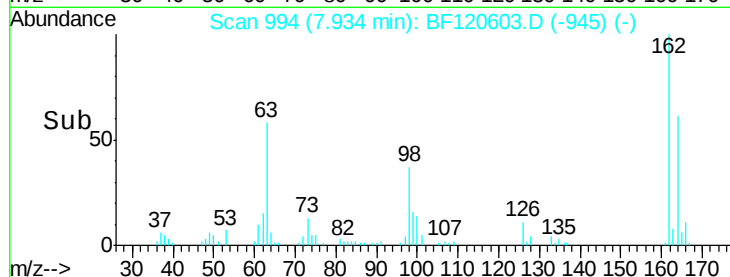
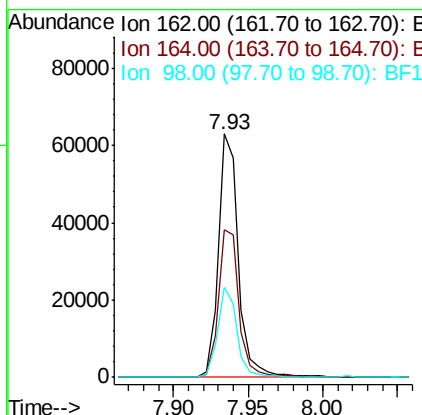
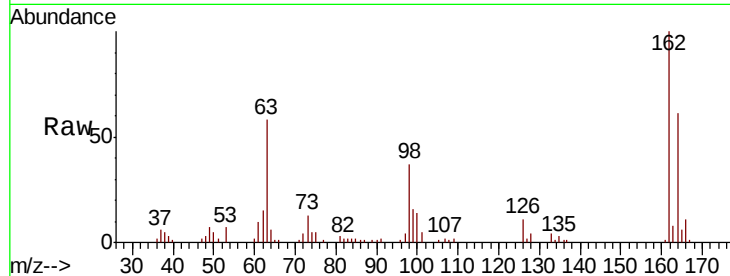




#29
 2,4-Dichlorophenol
 Concen: 7.771 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

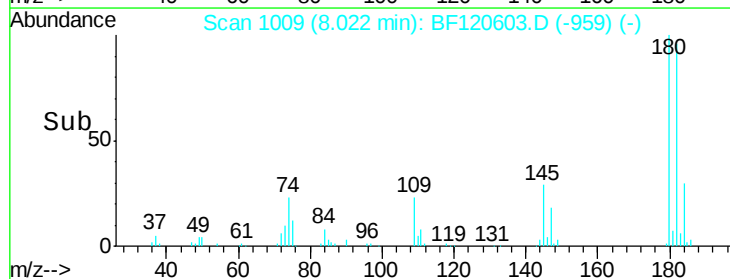
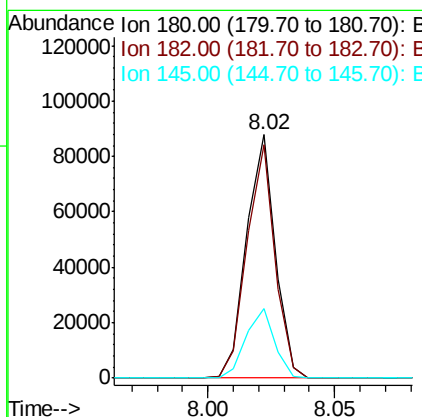
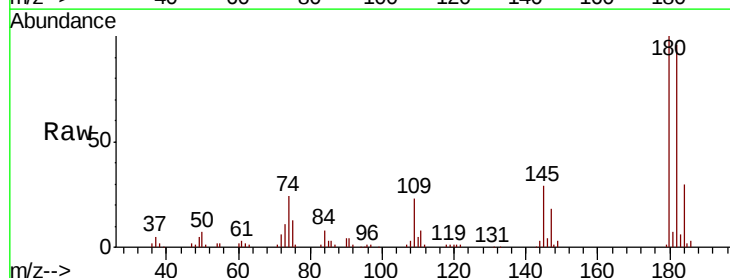
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

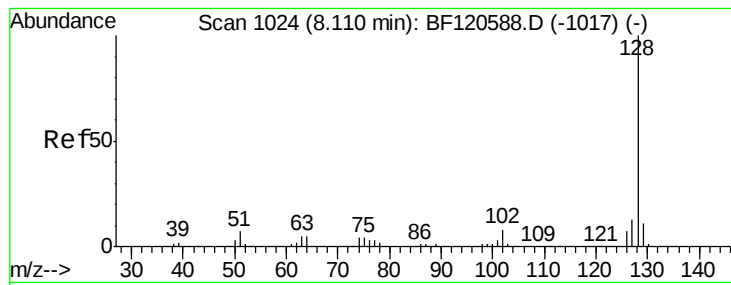
Tot Ion:162 Resp: 59134
 Ion Ratio Lower Upper
 162 100
 164 60.7 44.1 84.1
 98 37.2 14.7 54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 8.211 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:180 Resp: 69250
 Ion Ratio Lower Upper
 180 100
 182 95.6 75.8 113.6
 145 28.5 23.0 34.6





#31

Naphthalene

Concen: 8.869 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

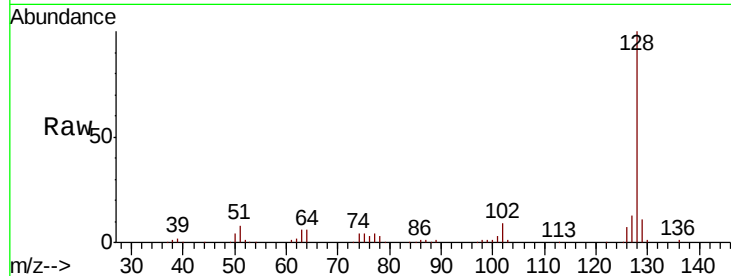
Tot Ion:128 Resp: 223583

Ion Ratio Lower Upper

128 100

129 11.4 8.8 13.2

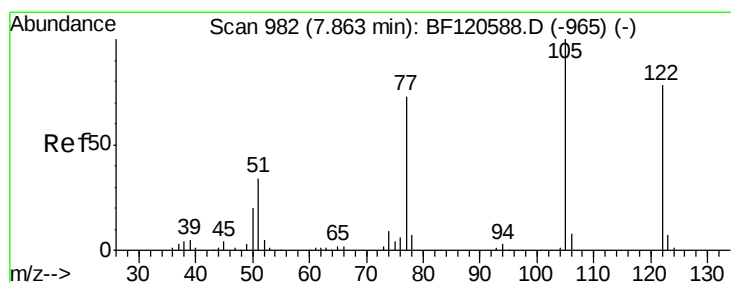
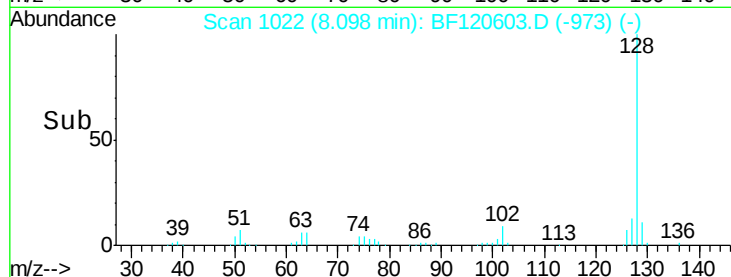
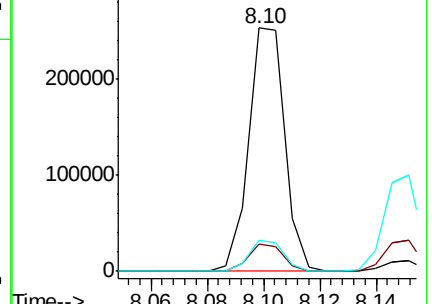
127 12.8 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.115 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

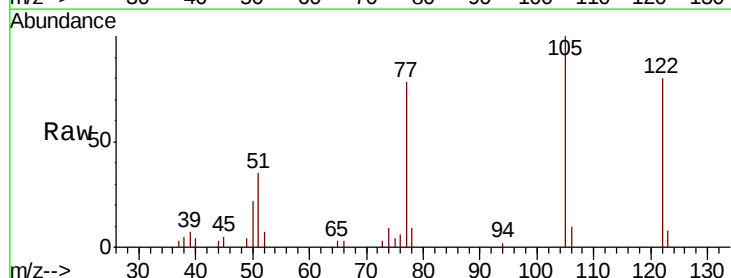
Tgt Ion:122 Resp: 17895

Ion Ratio Lower Upper

122 100

105 124.8 101.0 141.0

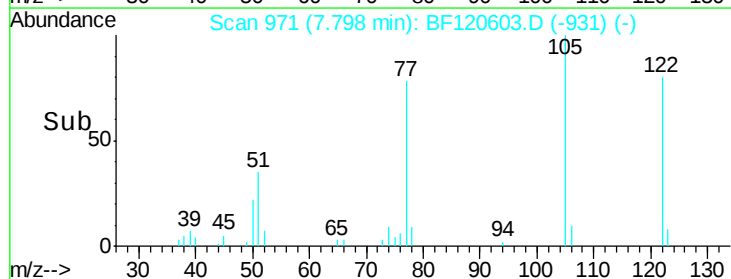
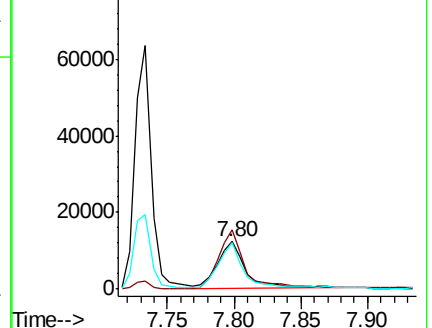
77 96.8 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

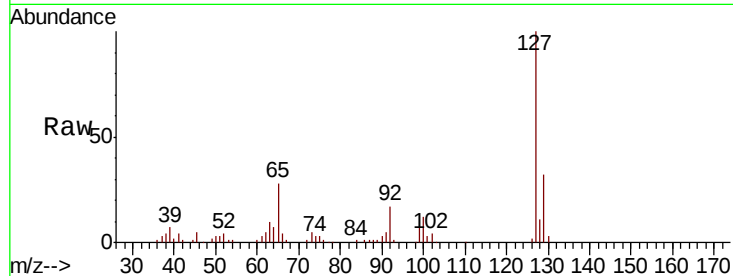




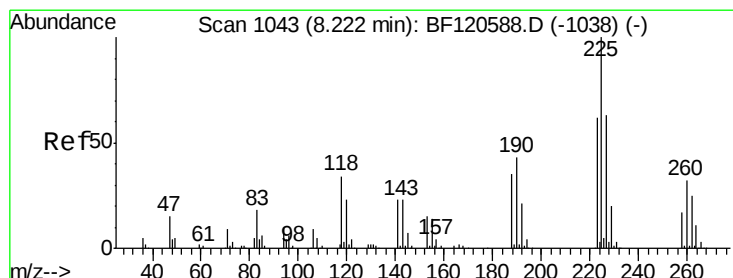
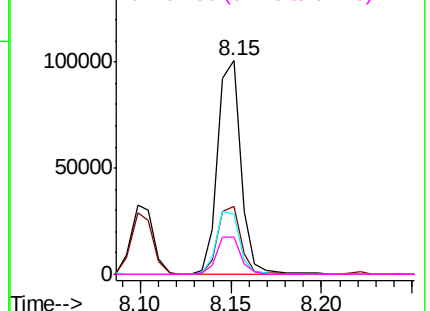
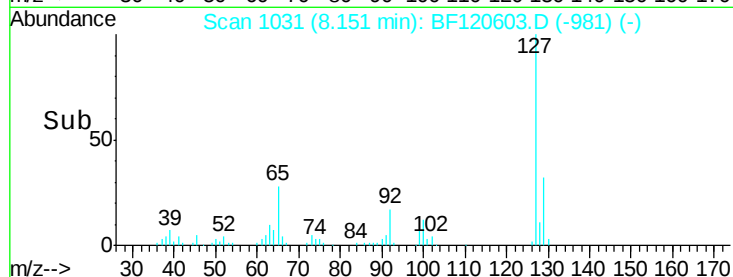
#33
4-Chloroaniline
Concen: 7.802 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:127	Resp:	90272
Ion Ratio	Lower	Upper
127	100	
129	32.0	25.9 38.9
65	28.1	22.2 33.4
92	17.5	14.2 21.2

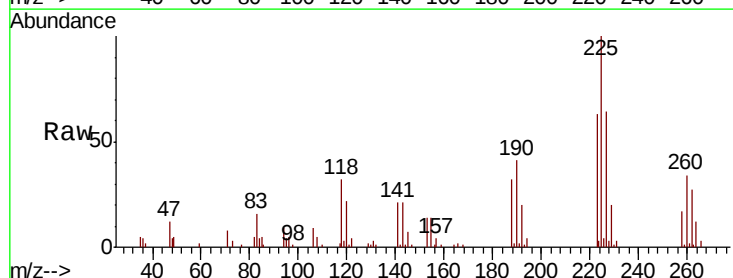


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

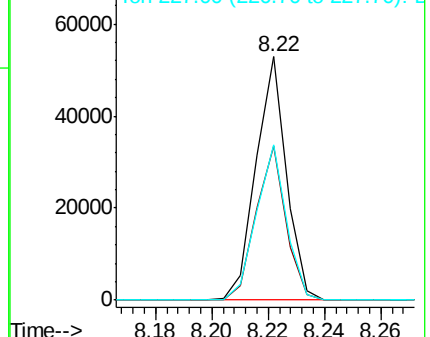
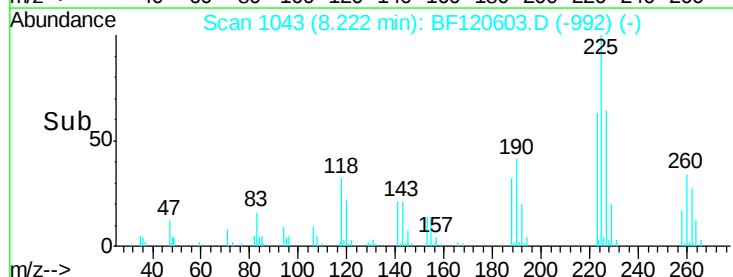


#34
Hexachlorobutadiene
Concen: 8.032 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:225	Resp:	39483
Ion Ratio	Lower	Upper
225	100	
223	63.4	49.9 74.9
227	63.6	50.5 75.7



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

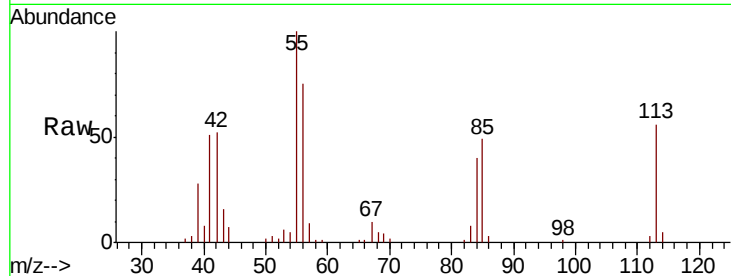




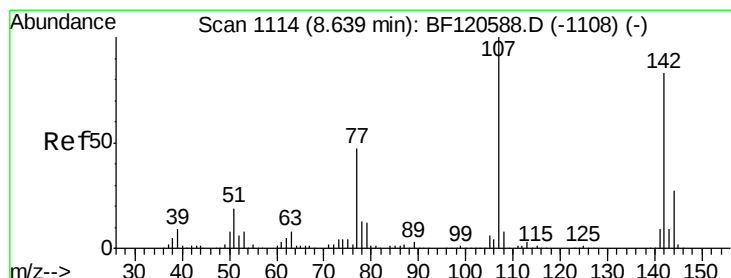
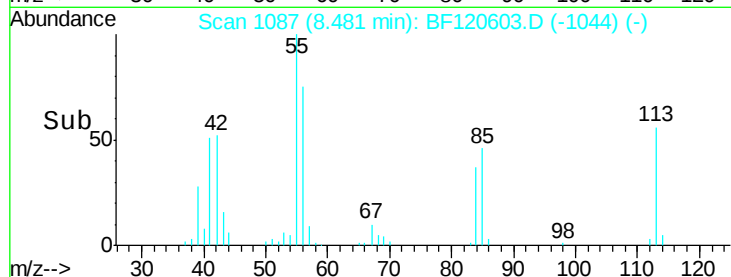
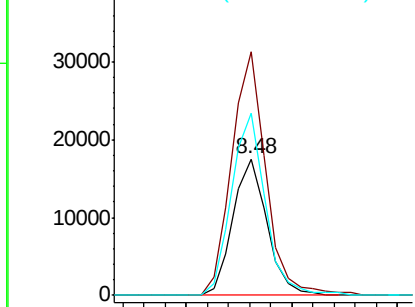
#35
Caprolactam
Concen: 8.031 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:113 Resp: 19547
Ion Ratio Lower Upper
113 100
55 178.5 133.1 173.1#
56 133.3 98.4 138.4

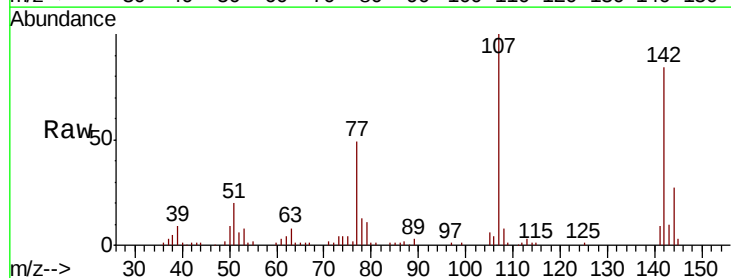


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

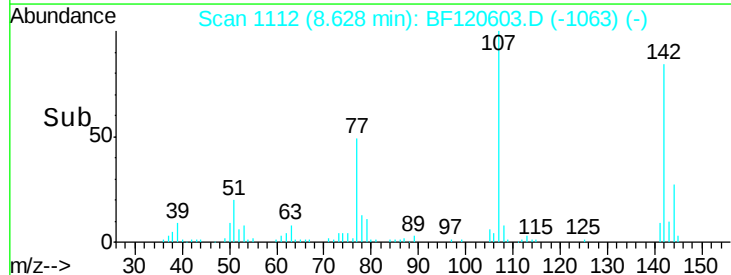
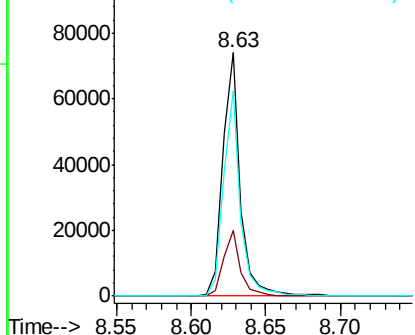


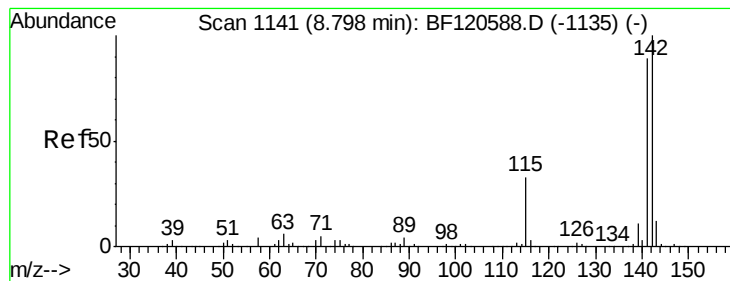
#36
4-Chloro-3-methylphenol
Concen: 8.032 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:107 Resp: 61067
Ion Ratio Lower Upper
107 100
144 27.0 21.4 32.2
142 84.1 66.3 99.5



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: 8.940 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

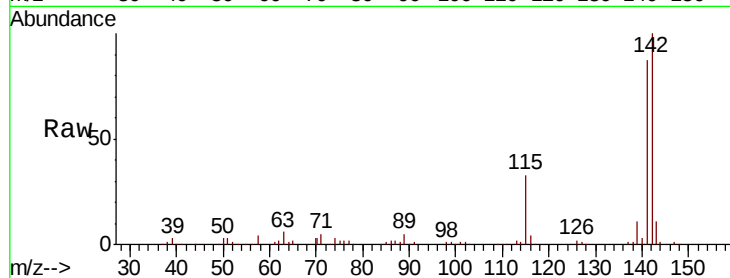
Tot Ion:142 Resp: 147117

Ion Ratio Lower Upper

142 100

141 87.4 71.4 107.0

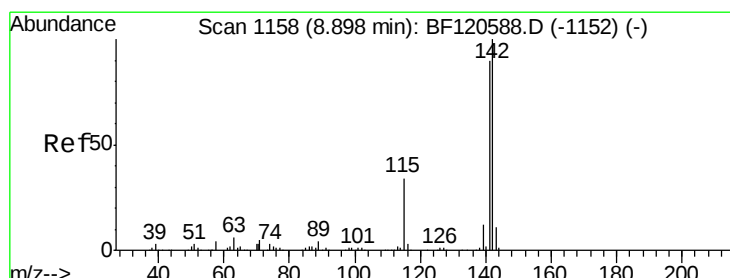
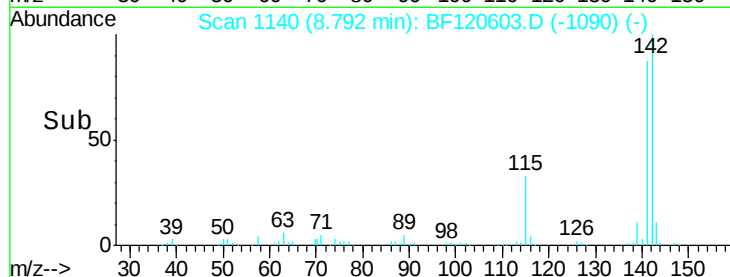
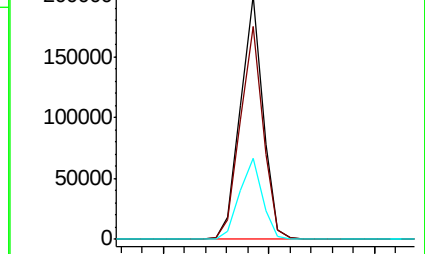
115 33.2 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 9.024 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

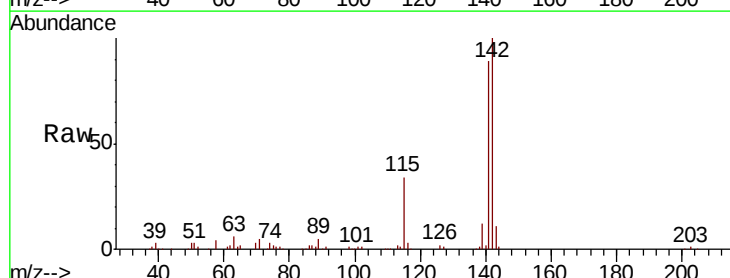
Tgt Ion:142 Resp: 139743

Ion Ratio Lower Upper

142 100

141 89.4 72.1 108.1

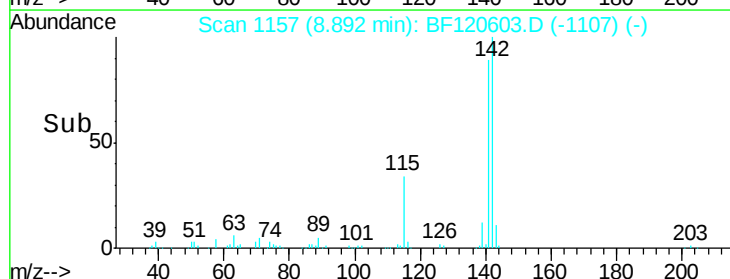
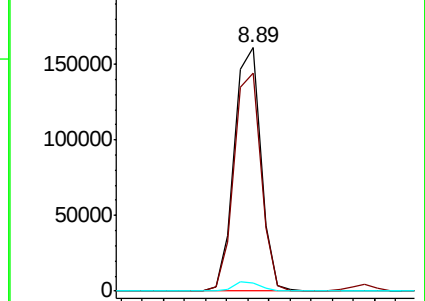
116 3.4 2.7 4.1

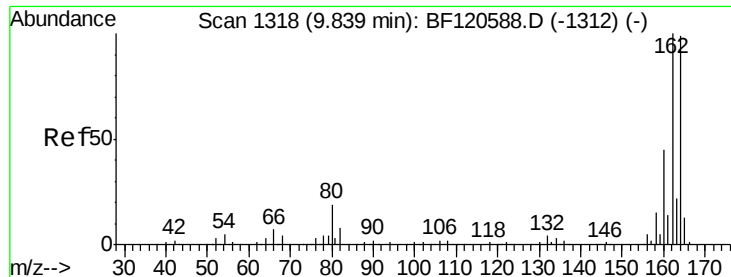


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

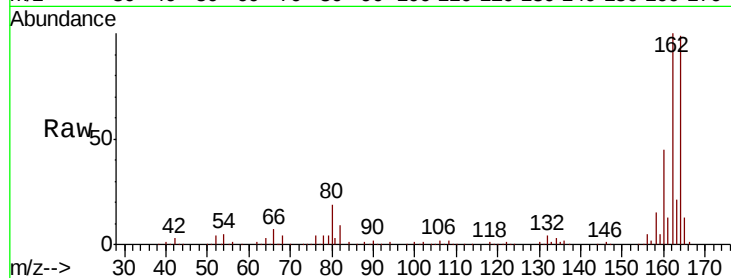
Tot Ion:164 Resp: 272876

Ion Ratio Lower Upper

164 100

162 100.6 80.6 120.8

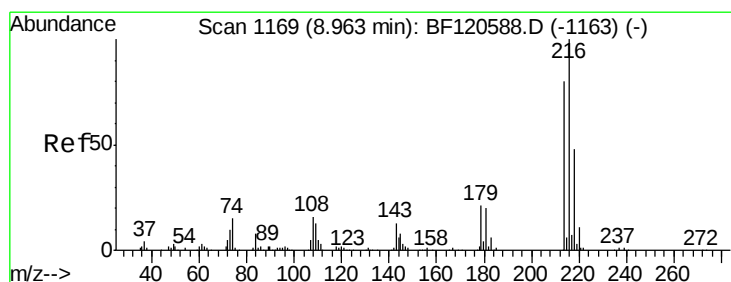
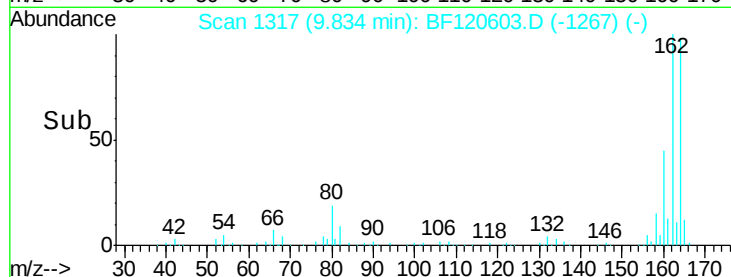
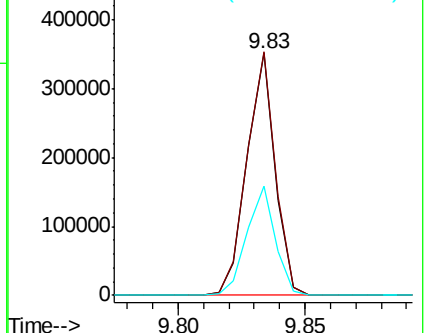
160 45.2 36.2 54.2



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: 8.653 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:216 Resp: 70502

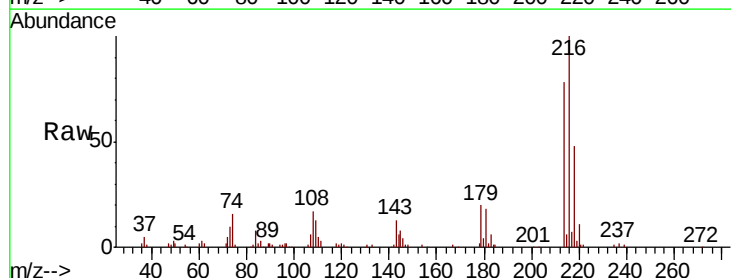
Ion Ratio Lower Upper

216 100

214 78.5 63.8 95.6

179 20.0 16.4 24.6

108 18.6 13.8 20.8

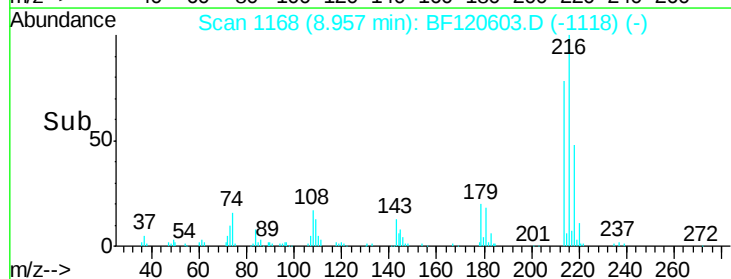
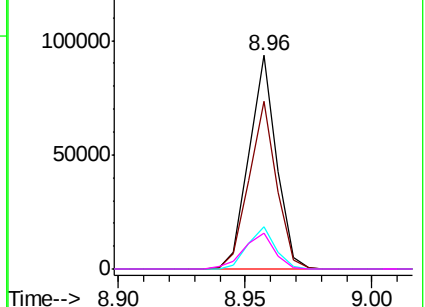


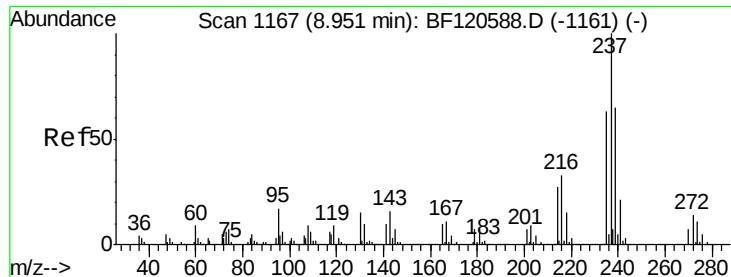
Abundance Ion 216.00 (215.70 to 216.70): E

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: 6.068 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

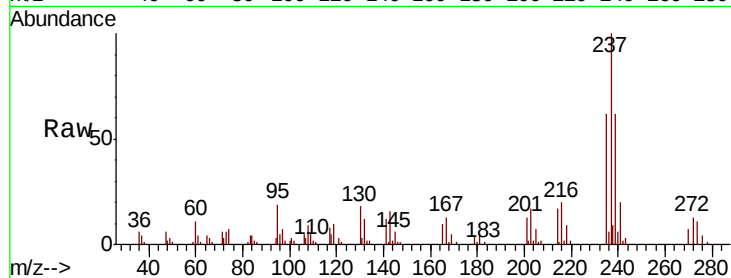
Tot Ion:237 Resp: 27705

Ion Ratio Lower Upper

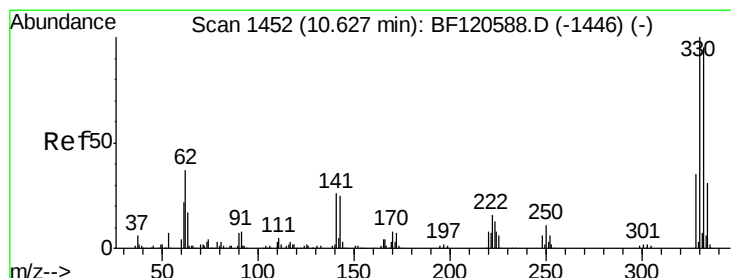
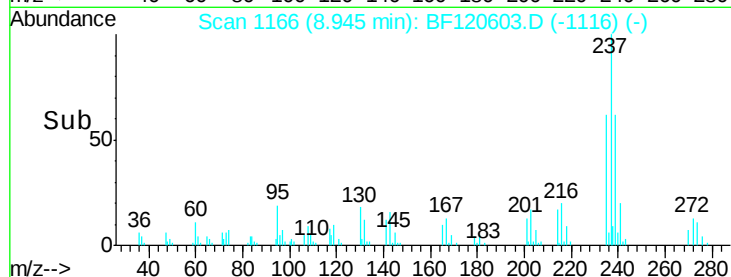
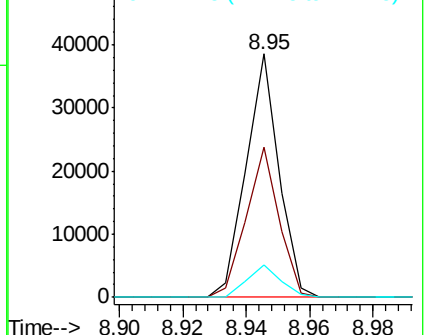
237 100

235 61.7 43.2 83.2

272 13.3 0.0 33.9



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: 147.926 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

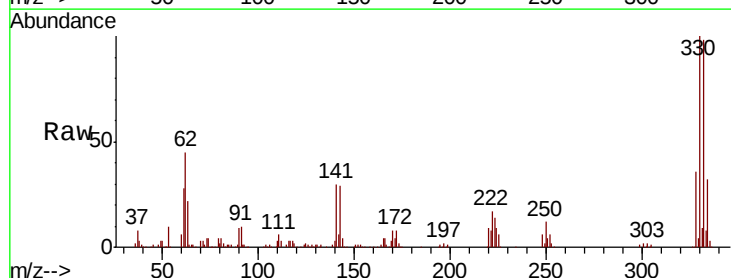
Tgt Ion:330 Resp: 469305

Ion Ratio Lower Upper

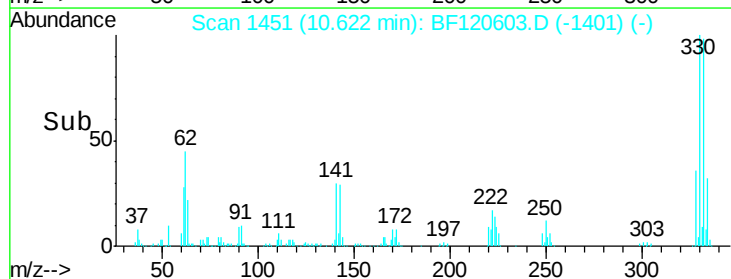
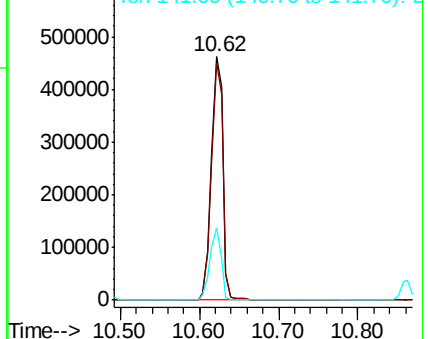
330 100

332 95.9 76.8 115.2

141 28.9 23.2 34.8



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

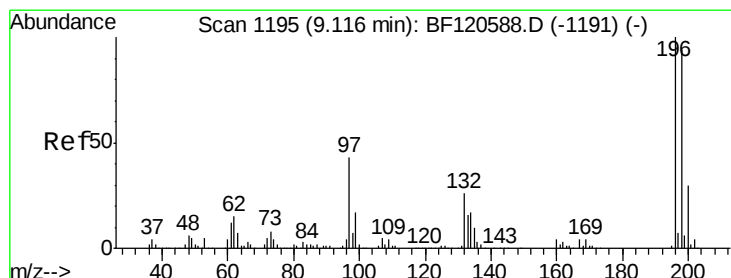
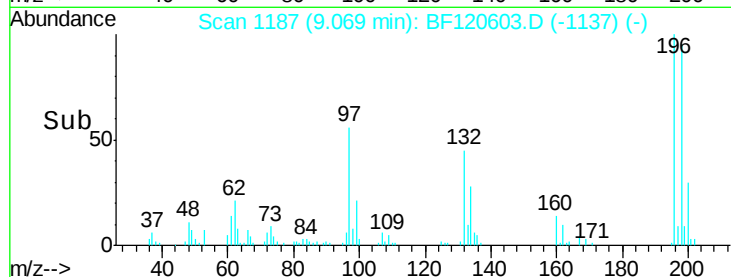
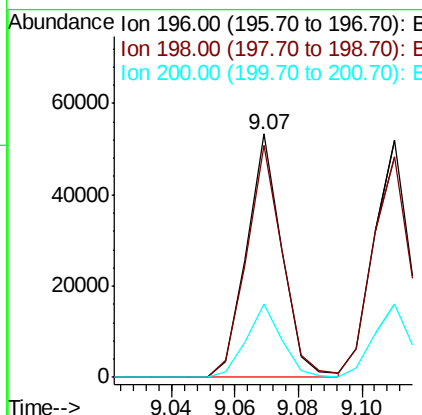
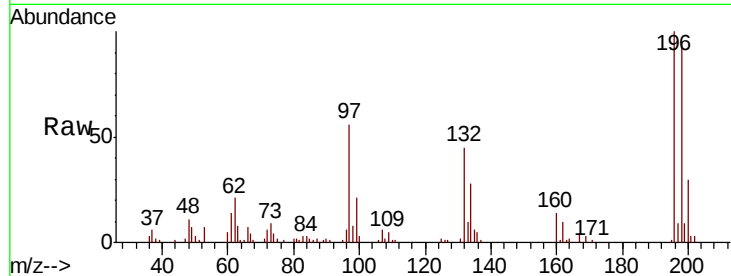




#43
 2,4,6-Trichlorophenol
 Concen: 7.171 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

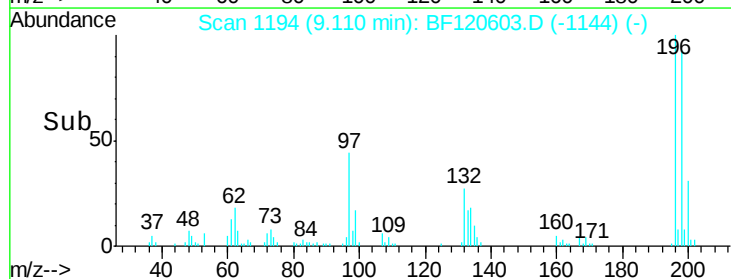
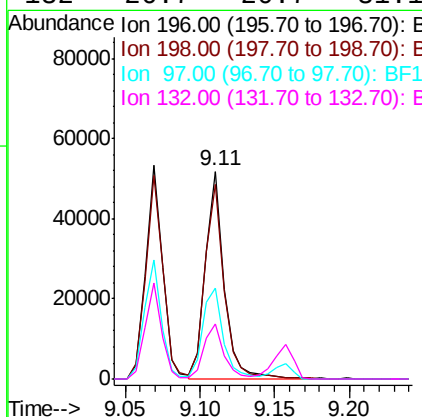
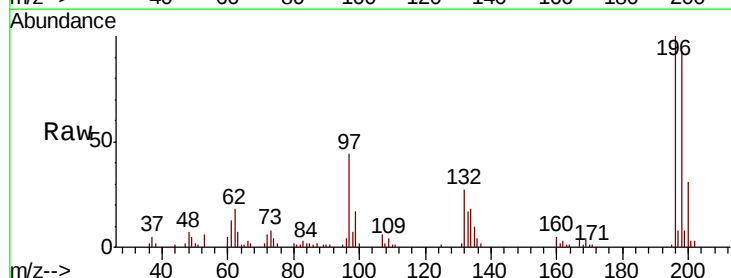
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

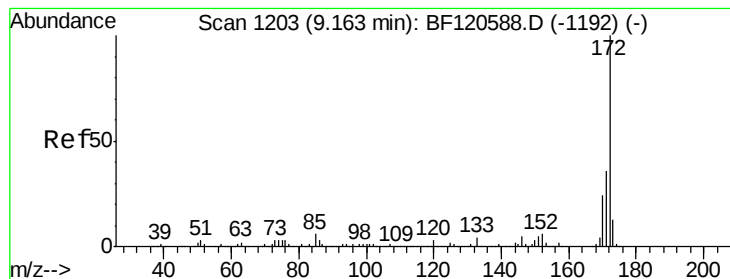
Tot Ion:196 Resp: 41444
 Ion Ratio Lower Upper
 196 100
 198 95.2 76.2 114.2
 200 29.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 6.922 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:196 Resp: 45391
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.5 113.3
 97 43.6 34.4 51.6
 132 26.7 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 96.721 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

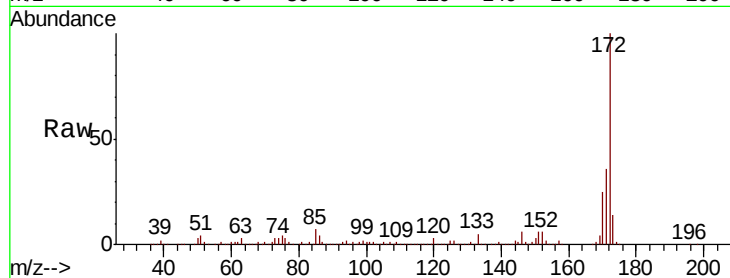
Tot Ion:172 Resp: 1725039

Ion Ratio Lower Upper

172 100

171 36.3 29.0 43.4

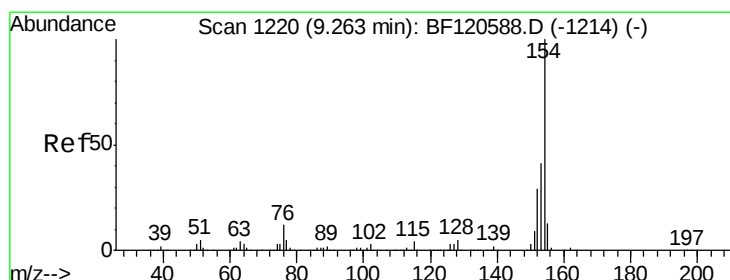
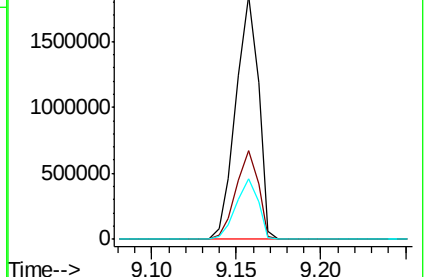
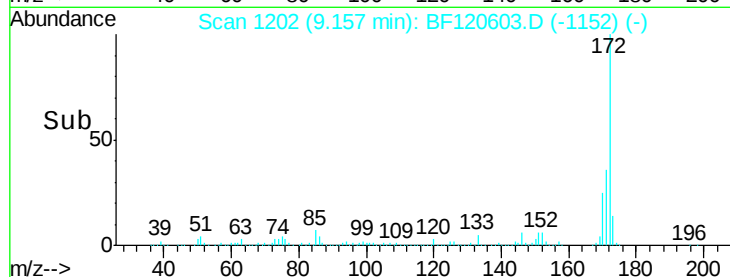
170 24.8 19.4 29.2



Abundance Ion 172.00 (171.70 to 172.70): E

2500000 Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 9.339 ng

RT: 9.26 min Scan# 1219

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

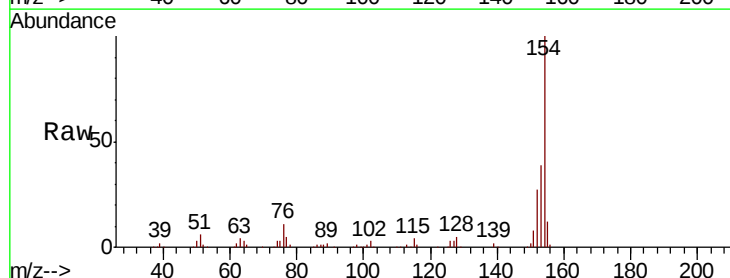
Tgt Ion:154 Resp: 190288

Ion Ratio Lower Upper

154 100

153 38.6 21.4 61.4

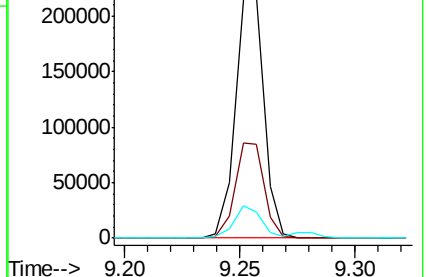
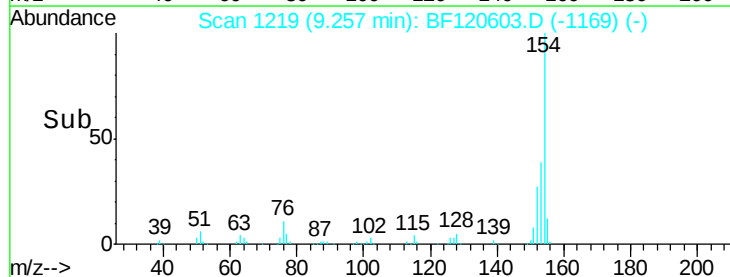
76 10.7 0.0 31.6

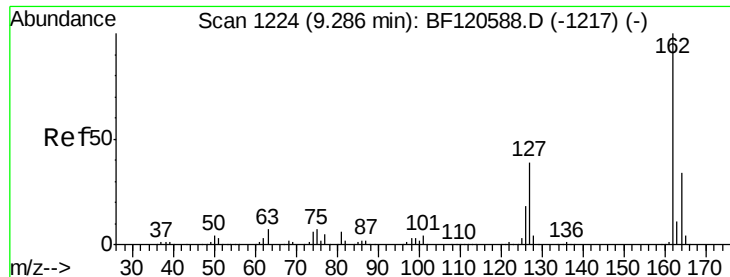


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

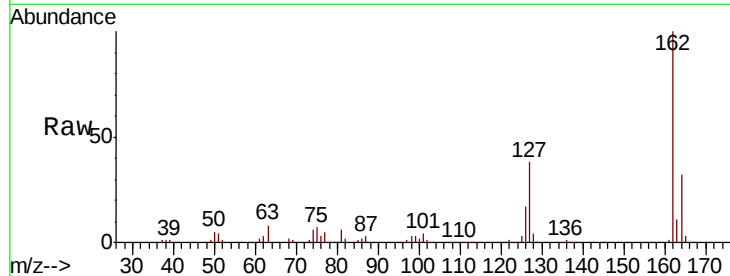




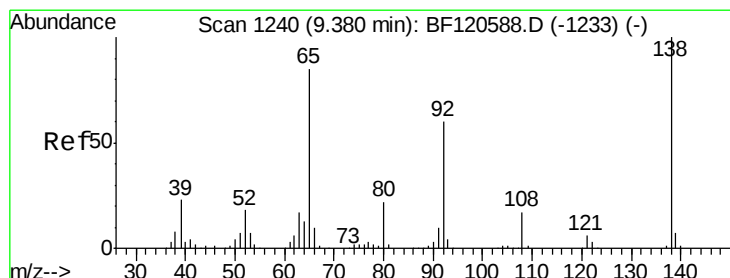
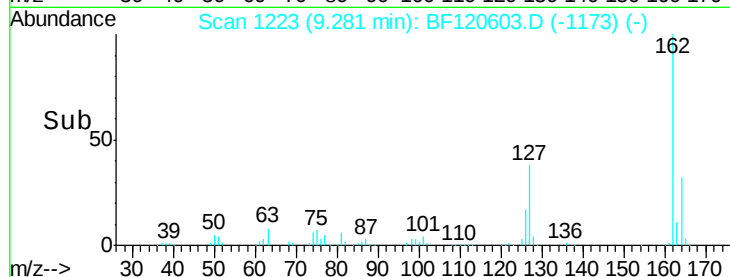
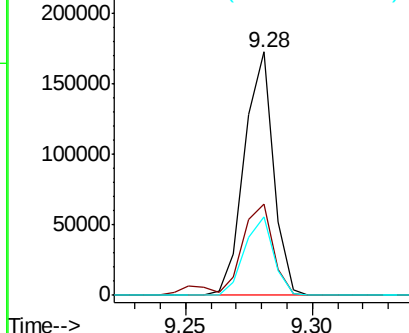
#47
2-Chloronaphthalene
Concen: 8.244 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:162 Resp: 137358
Ion Ratio Lower Upper
162 100
127 37.6 31.3 46.9
164 32.3 26.9 40.3

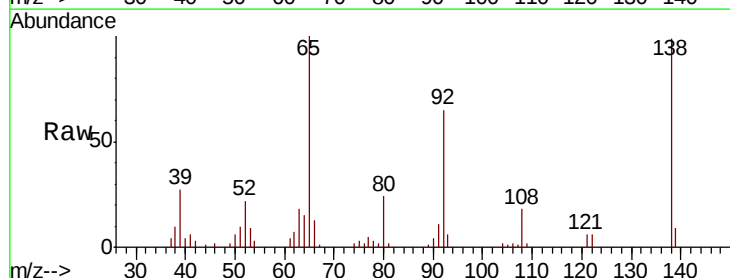


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

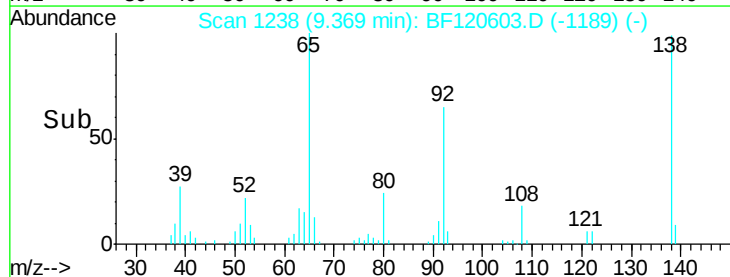
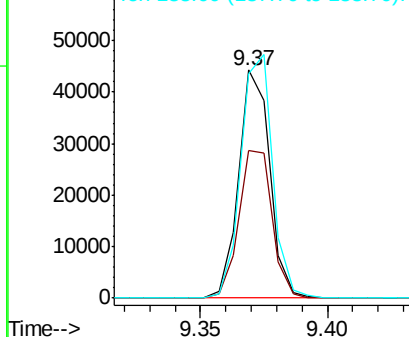


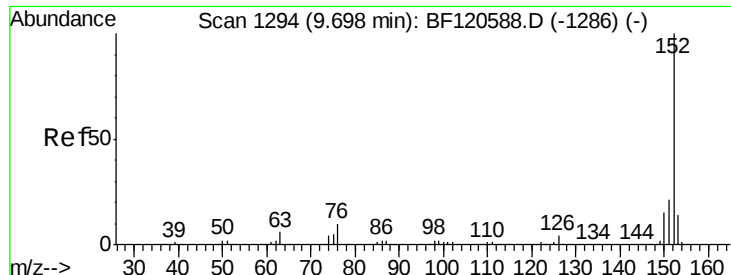
#48
2-Nitroaniline
Concen: 7.172 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion: 65 Resp: 37530
Ion Ratio Lower Upper
65 100
92 64.7 56.0 84.0
138 98.7 94.0 141.0



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.659 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

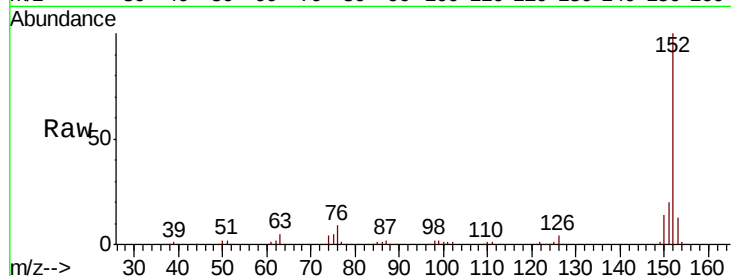
Tot Ion:152 Resp: 222663

Ion Ratio Lower Upper

152 100

151 19.6 16.6 25.0

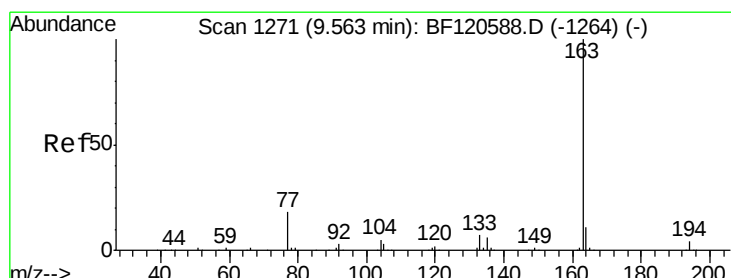
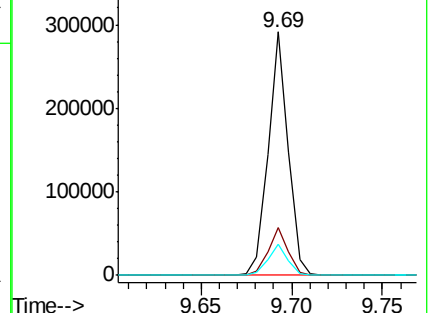
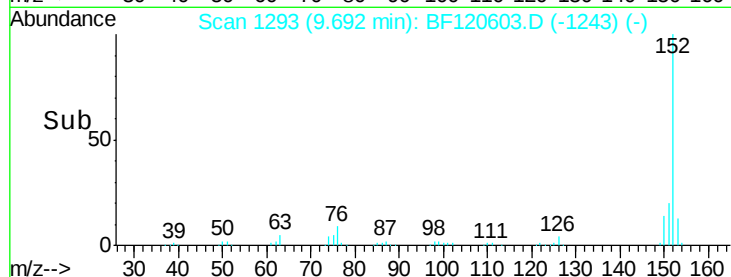
153 12.9 11.0 16.6



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: 7.880 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

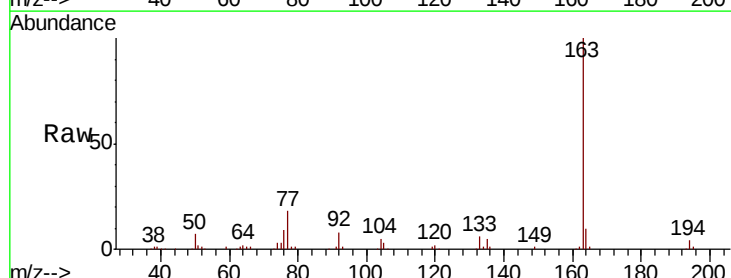
Tgt Ion:163 Resp: 154867

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

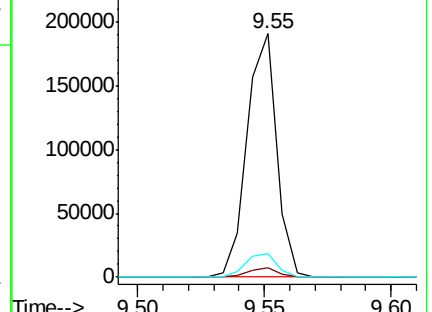
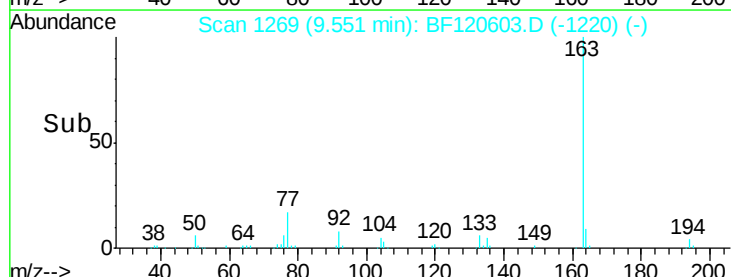
164 9.8 8.5 12.7



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

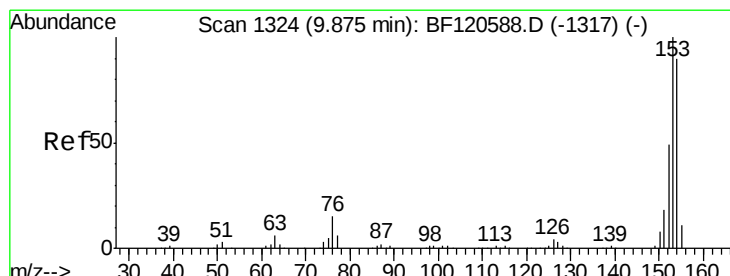
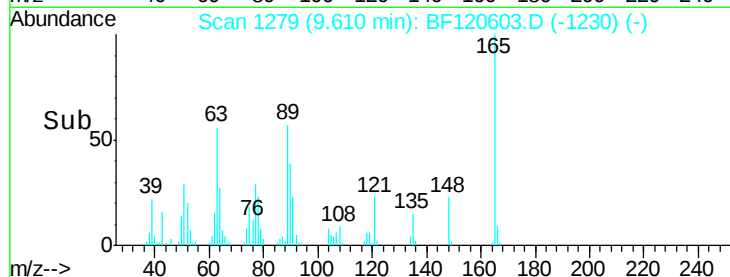
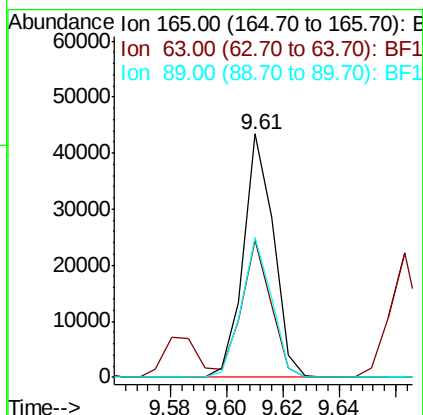
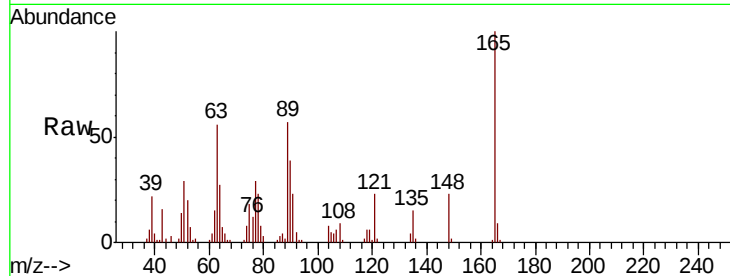




#51
2,6-Dinitrotoluene
Concen: 7.235 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

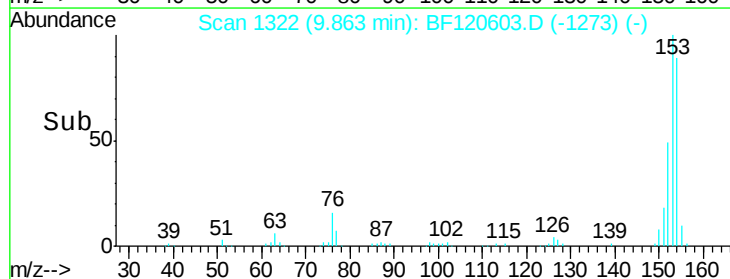
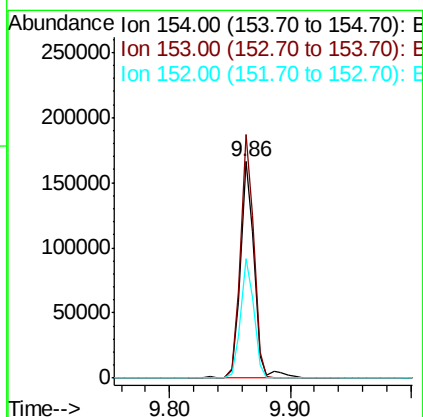
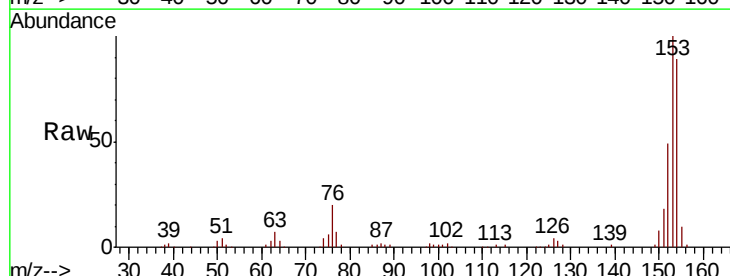
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:165 Resp: 32222
Ion Ratio Lower Upper
165 100
63 56.5 41.7 62.5
89 57.5 42.6 64.0



#52
Acenaphthene
Concen: 8.745 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:154 Resp: 134120
Ion Ratio Lower Upper
154 100
153 112.6 89.1 133.7
152 55.0 43.7 65.5

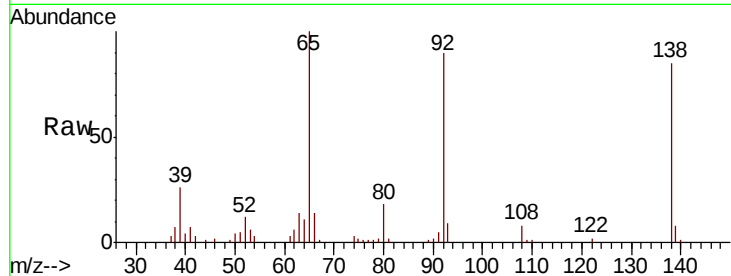




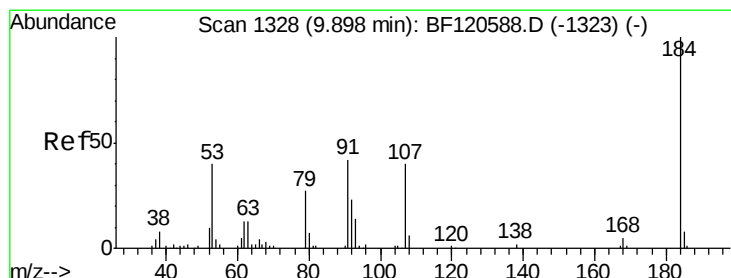
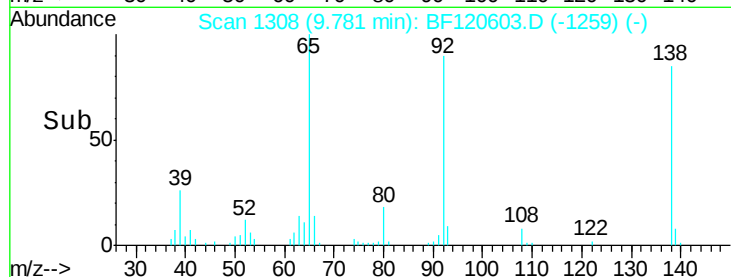
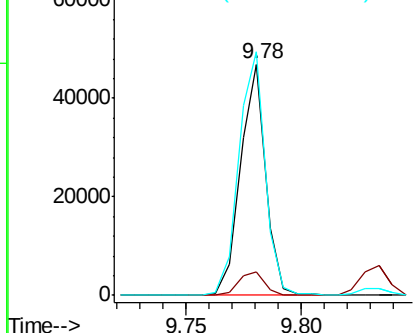
#53
 3-Nitroaniline
 Concen: 6.680 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:138 Resp: 35733
 Ion Ratio Lower Upper
 138 100
 108 9.9 8.0 12.0
 92 105.4 86.0 129.0

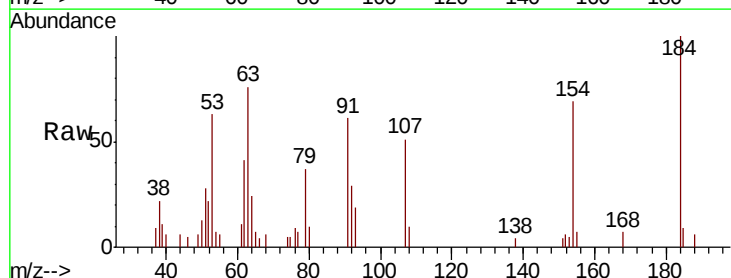


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

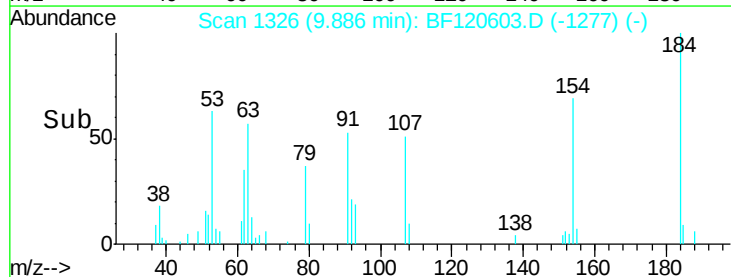
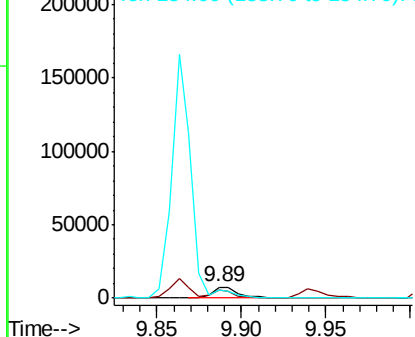


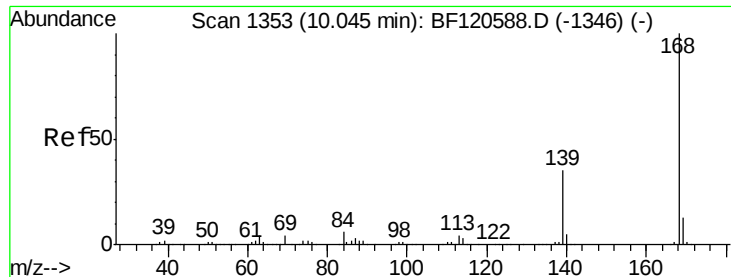
#54
 2,4-Dinitrophenol
 Concen: 3.619 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:184 Resp: 8641
 Ion Ratio Lower Upper
 184 100
 63 76.0 44.2 66.2#
 154 69.0 45.9 68.9#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

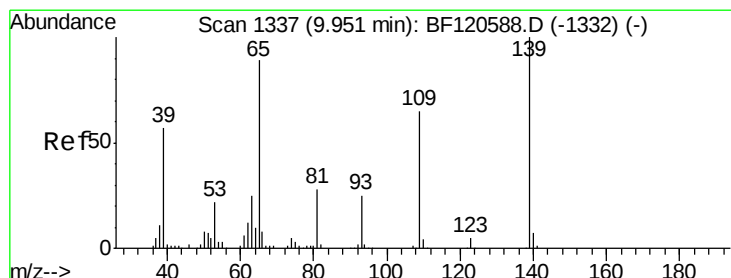
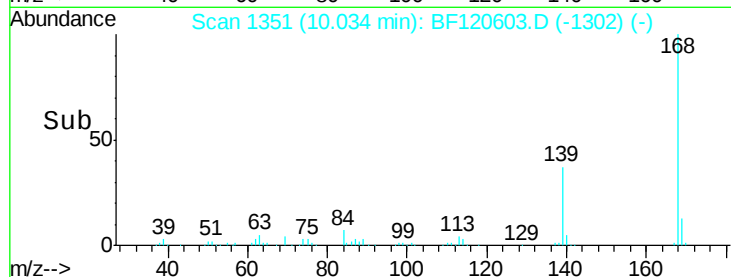
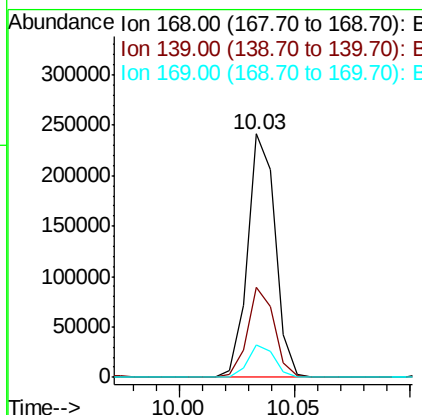
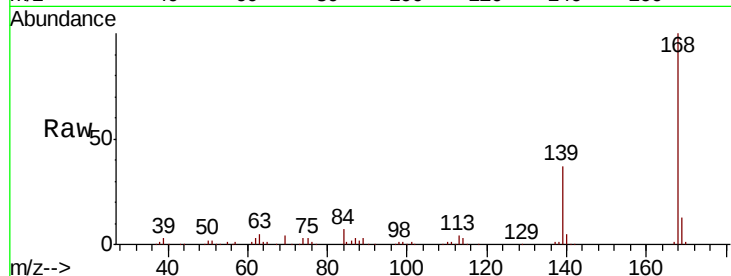




#55
Dibenzenofuran
Concen: 8.576 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

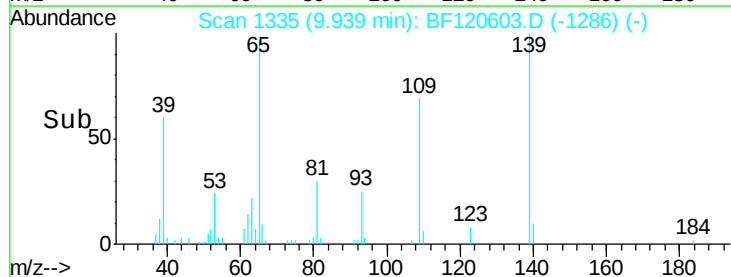
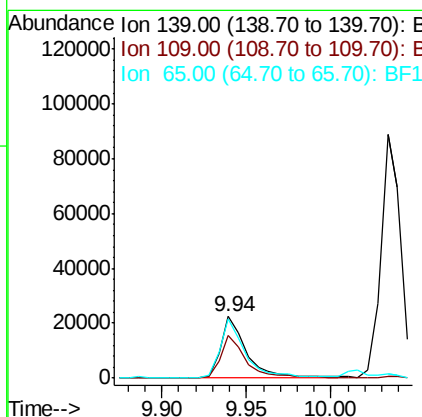
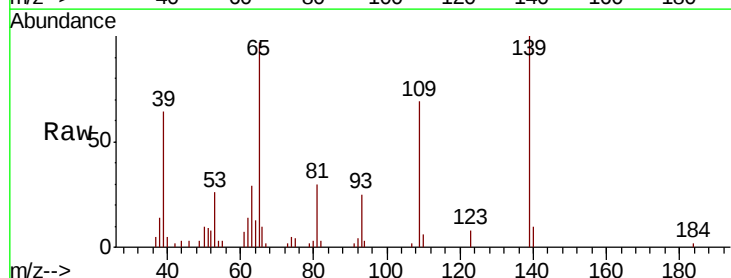
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

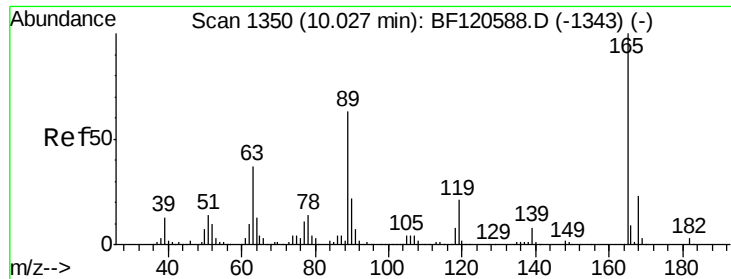
Tot Ion:168 Resp: 201668
Ion Ratio Lower Upper
168 100
139 36.8 28.1 42.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 6.016 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:139 Resp: 24240
Ion Ratio Lower Upper
139 100
109 69.4 44.6 84.6
65 97.4 69.2 109.2

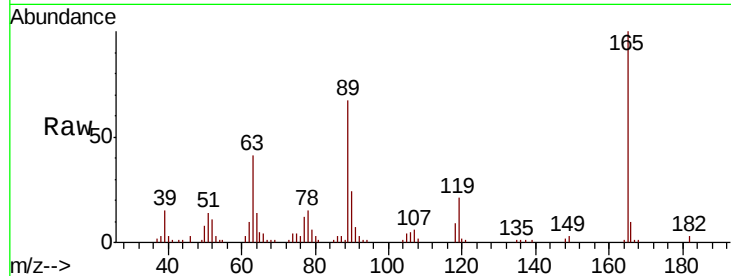




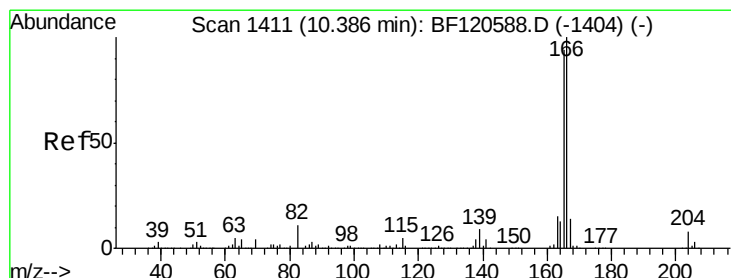
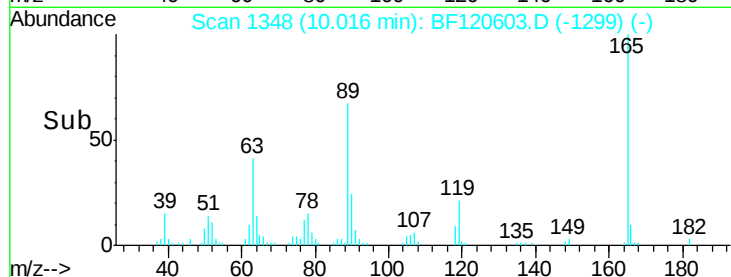
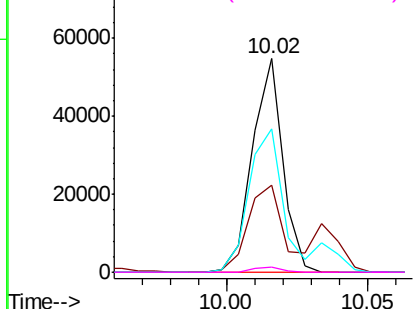
#57
2,4-Dinitrotoluene
Concen: 6.951 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:165	Resp:	41082
Ion Ratio	Lower	Upper
165	100	
63	40.9	29.8 44.8
89	67.2	50.4 75.6
182	2.6	2.1 3.1

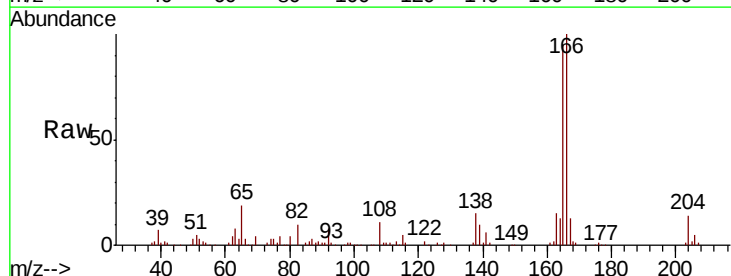


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

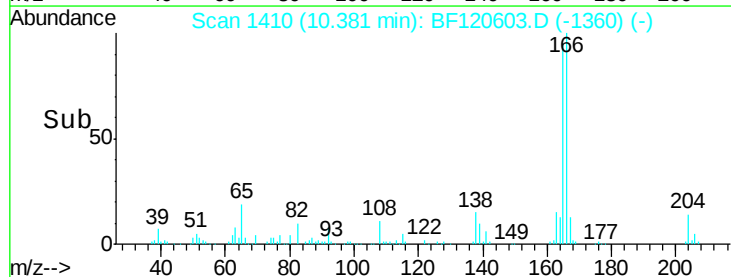
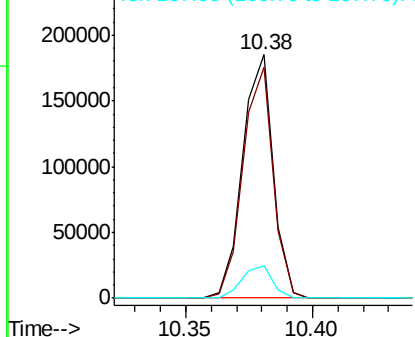


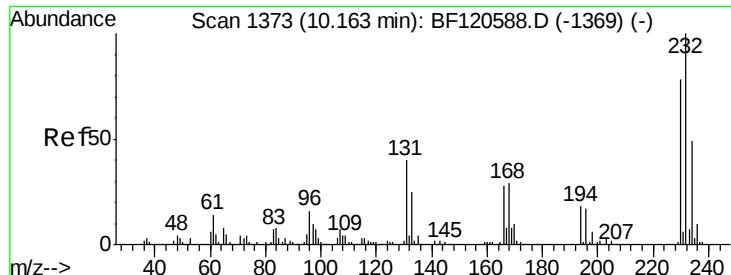
#58
Fluorene
Concen: 8.510 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:166	Resp:	154276
Ion Ratio	Lower	Upper
166	100	
165	94.7	75.0 112.6
167	13.3	11.0 16.4



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

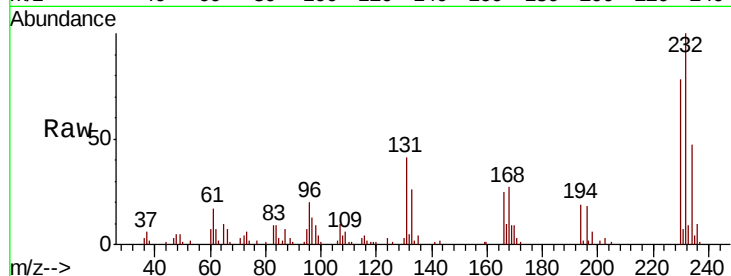




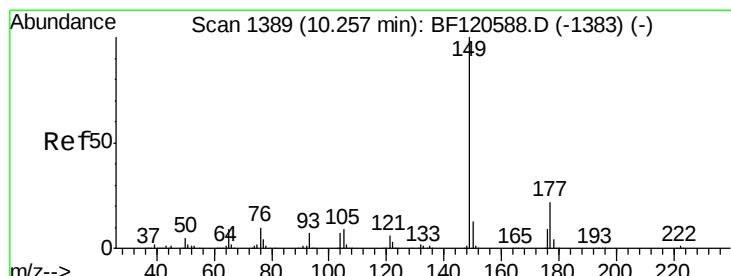
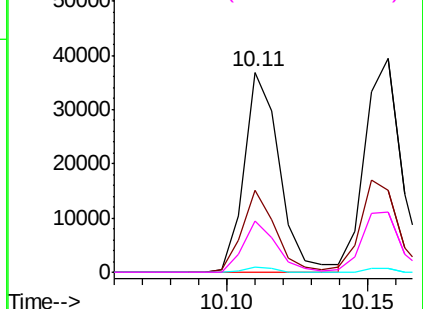
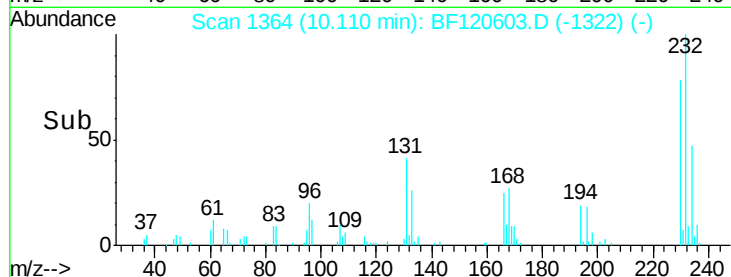
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.261 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. -0.05 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:232	Resp:	32301
Ion Ratio	Lower	Upper
232	100	
131	38.6	33.5 50.3
130	2.2	1.5 2.3
166	24.1	23.4 35.0

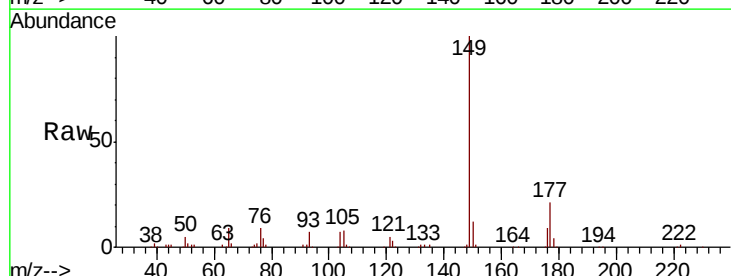


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

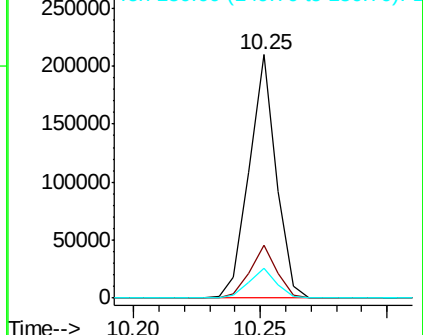
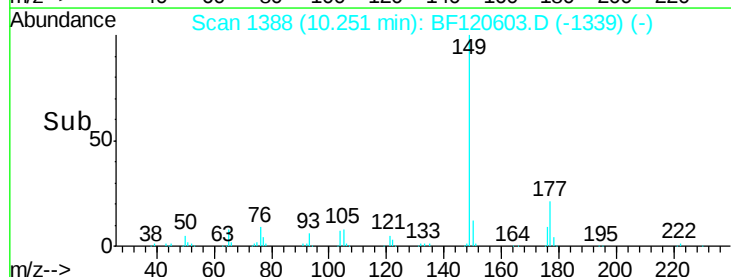


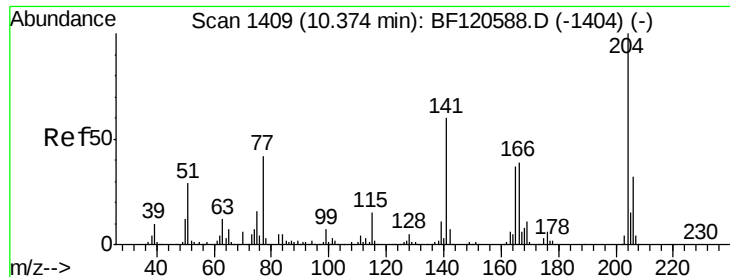
#60
 Diethylphthalate
 Concen: 8.053 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:149	Resp:	155871
Ion Ratio	Lower	Upper
149	100	
177	21.5	17.3 25.9
150	12.1	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 8.364 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

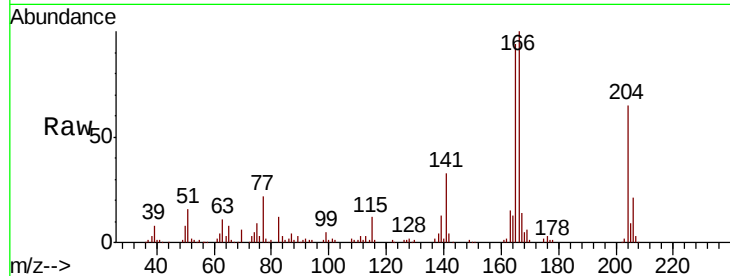
Tot Ion:204 Resp: 78301

Ion Ratio Lower Upper

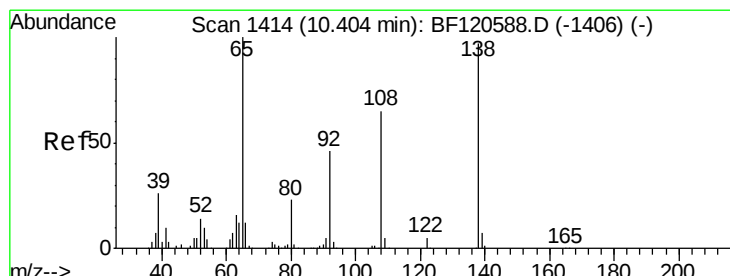
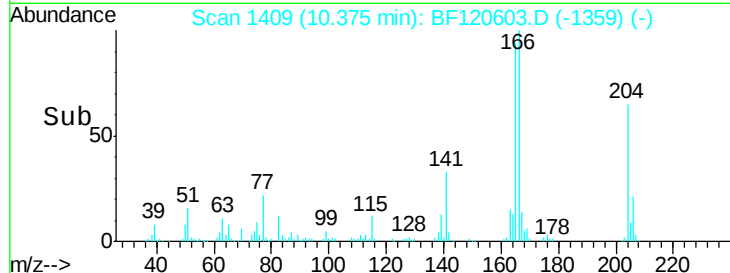
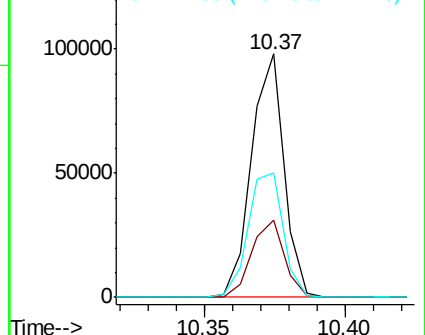
204 100

206 31.5 25.9 38.9

141 51.0 47.6 71.4



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 6.612 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

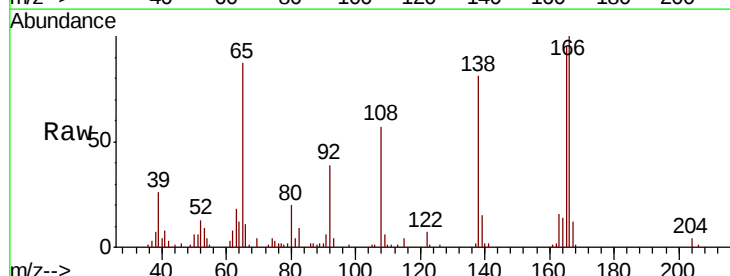
Tgt Ion:138 Resp: 35117

Ion Ratio Lower Upper

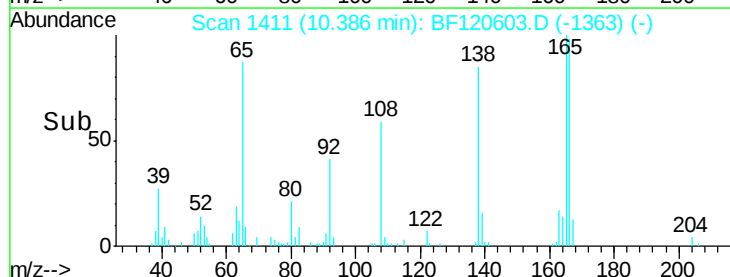
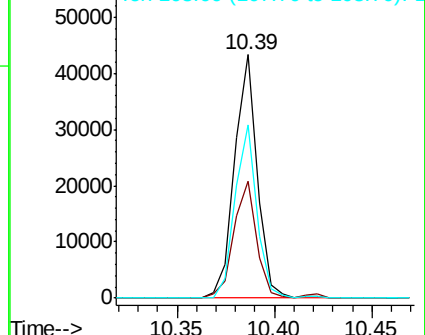
138 100

92 48.3 27.3 67.3

108 70.9 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 8.615 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 151361

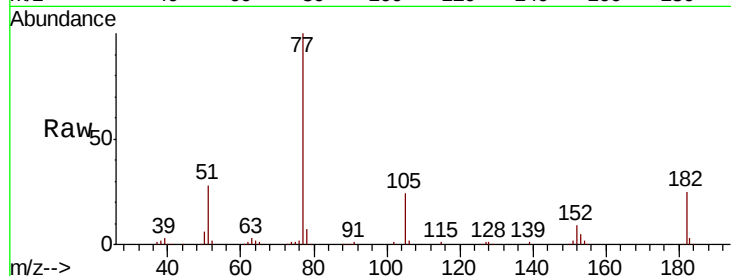
Ion Ratio Lower Upper

77 100

182 24.9 7.7 47.7

105 23.6 3.2 43.2

51 28.4 8.5 48.5

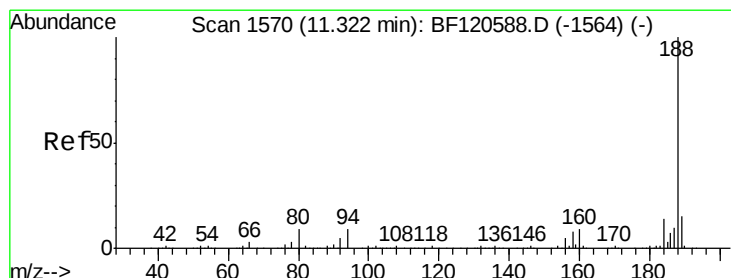
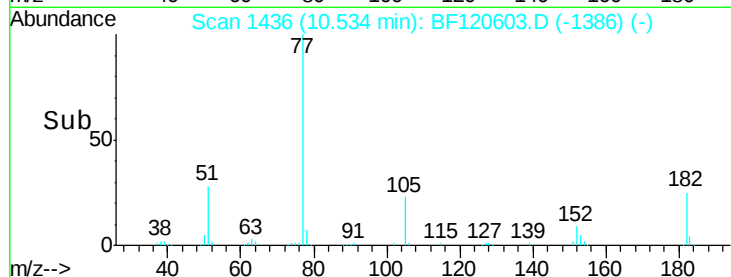
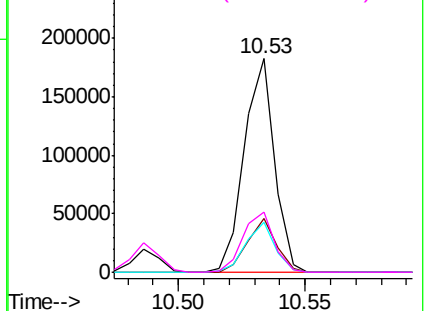


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

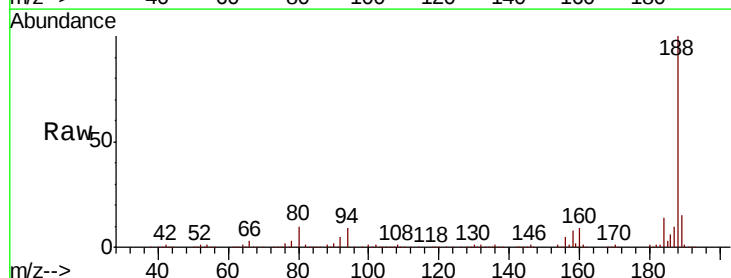
Tgt Ion: 188 Resp: 521585

Ion Ratio Lower Upper

188 100

94 9.5 7.2 10.8

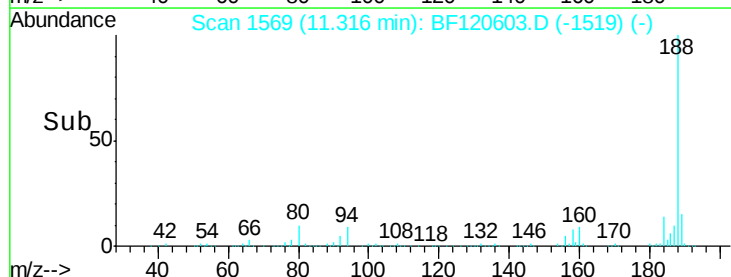
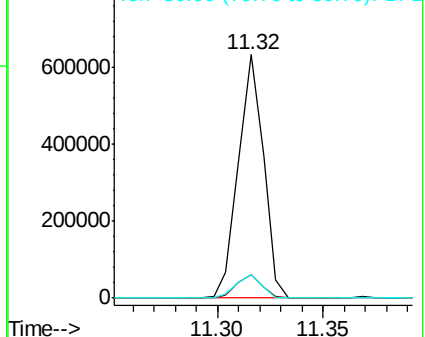
80 9.7 7.4 11.2

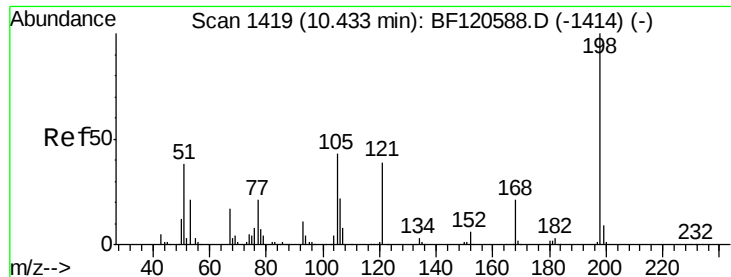


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

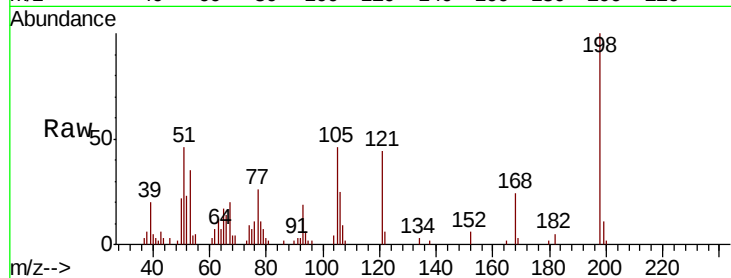




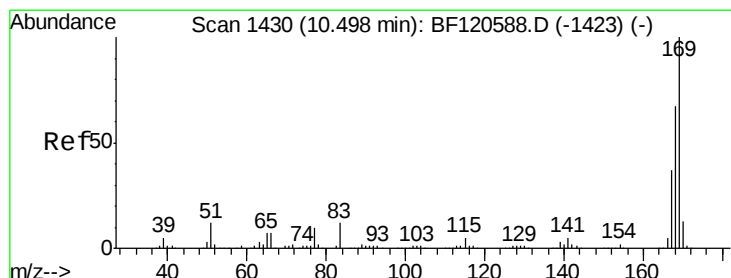
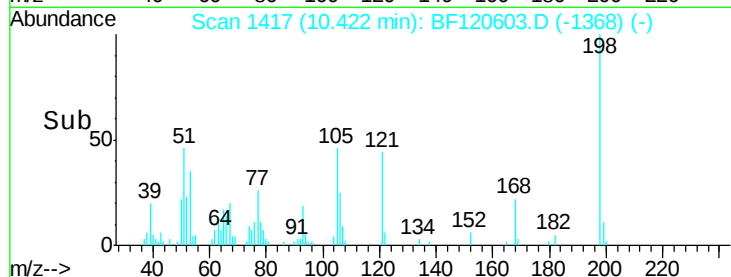
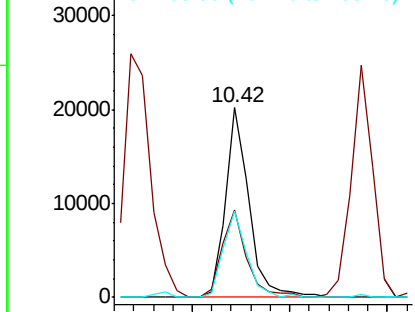
#65
4,6-Dinitro-2-methylphenol
Concen: 5.366 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:198 Resp: 16795
Ion Ratio Lower Upper
198 100
51 46.5 24.8 64.8
105 45.7 23.9 63.9

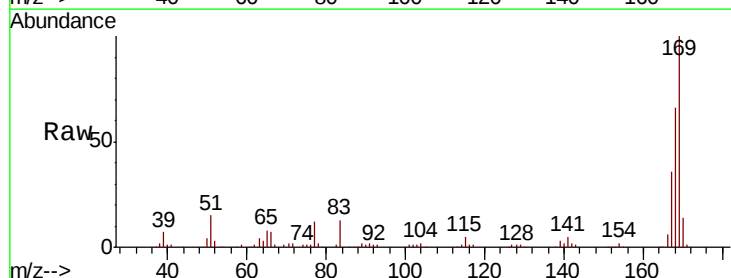


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

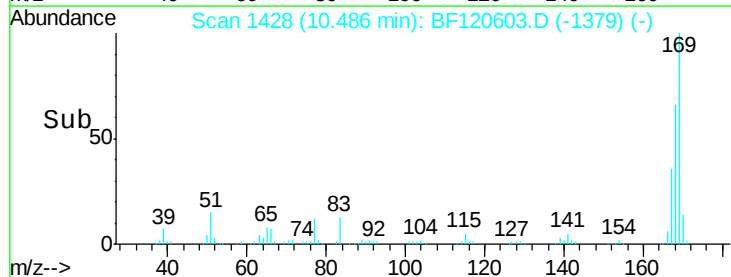
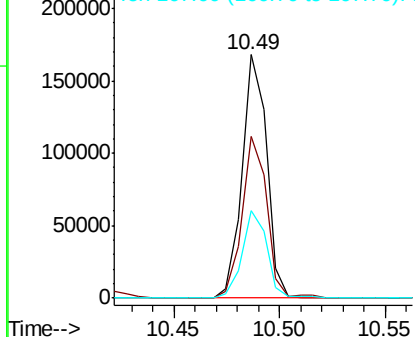


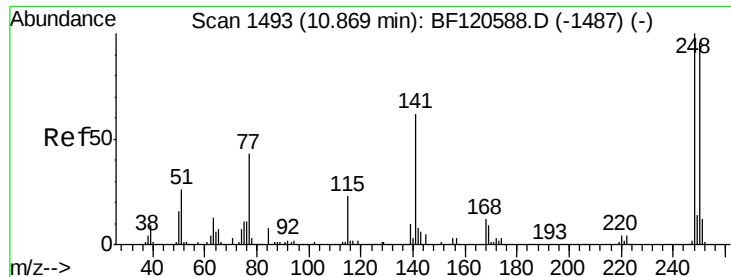
#66
n-Nitrosodiphenylamine
Concen: 8.418 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:169 Resp: 134834
Ion Ratio Lower Upper
169 100
168 66.2 53.7 80.5
167 35.8 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

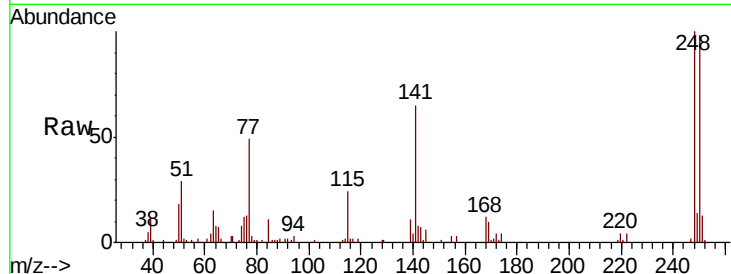




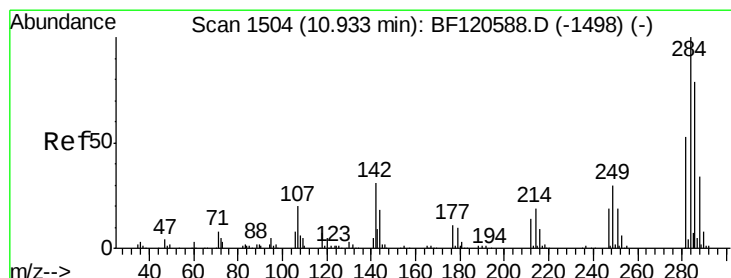
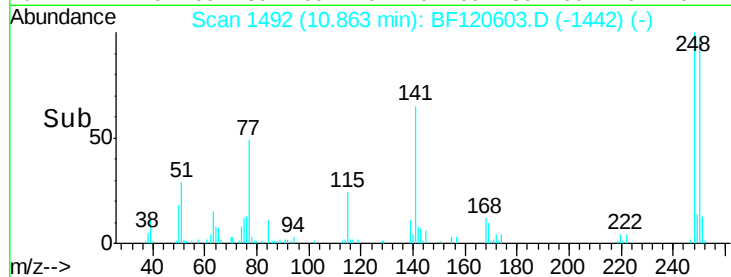
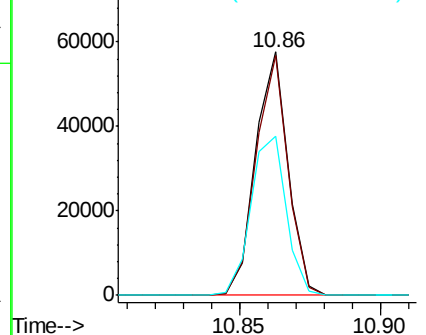
#67
 4-Bromophenyl-phenylether
 Concen: 7.777 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:248 Resp: 46038
 Ion Ratio Lower Upper
 248 100
 250 98.2 76.7 115.1
 141 65.3 49.4 74.0

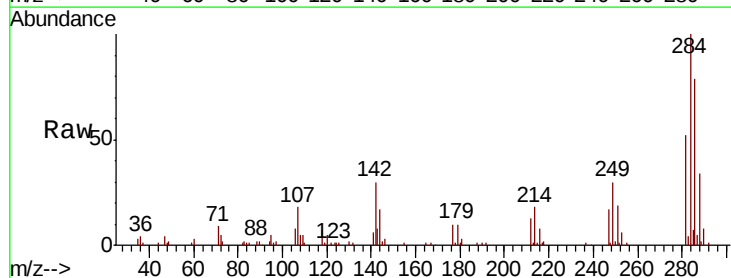


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

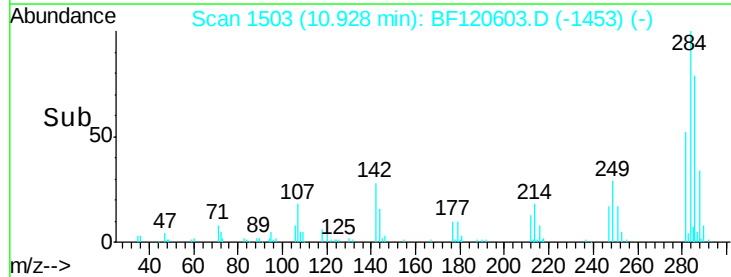
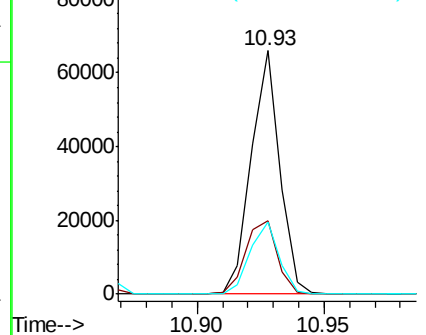


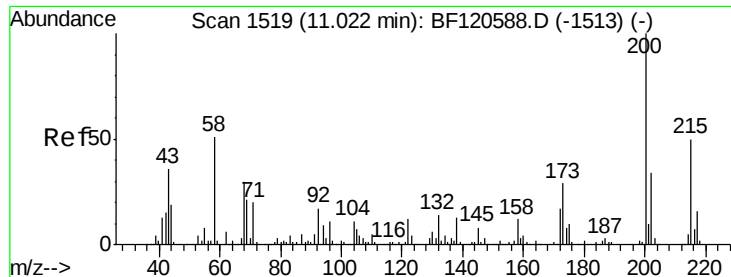
#68
 Hexachlorobenzene
 Concen: 8.149 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:284 Resp: 51866
 Ion Ratio Lower Upper
 284 100
 142 29.9 25.1 37.7
 249 29.5 24.0 36.0



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

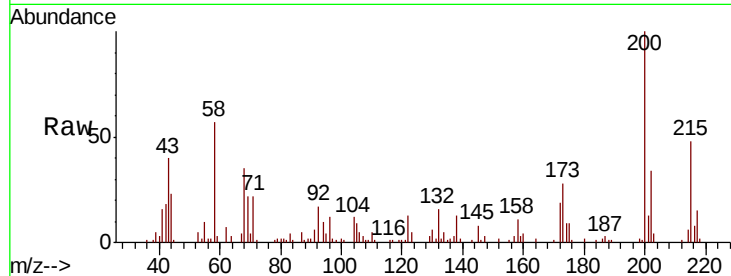




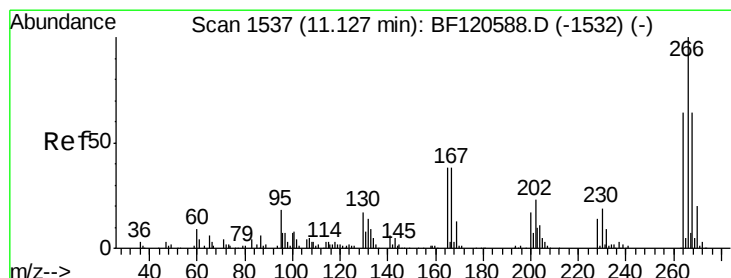
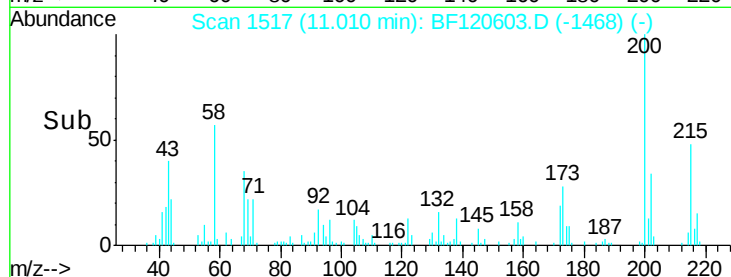
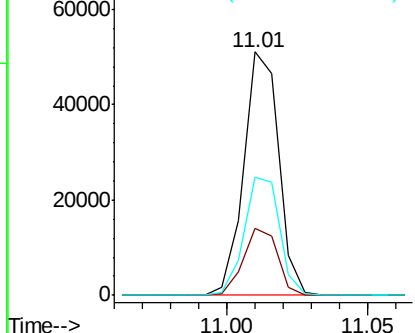
#69
Atrazine
Concen: 8.847 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:200 Resp: 43849
Ion Ratio Lower Upper
200 100
173 27.7 9.1 49.1
215 48.5 29.8 69.8

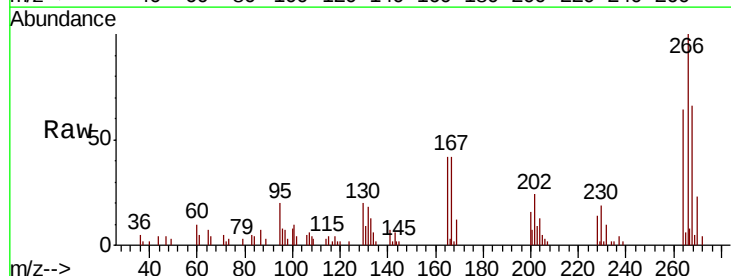


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

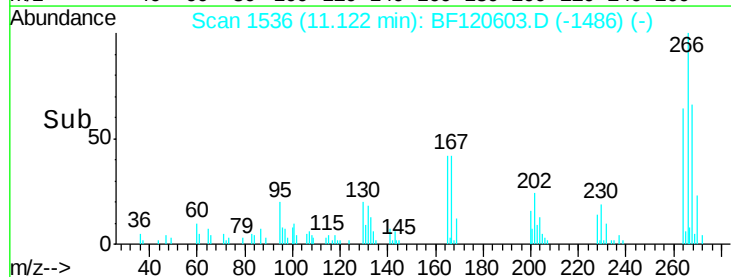
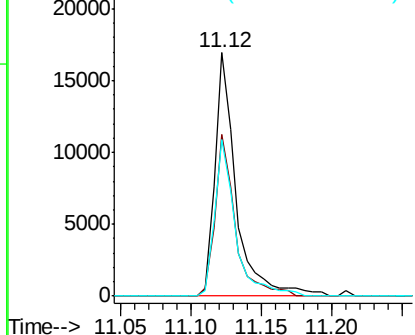


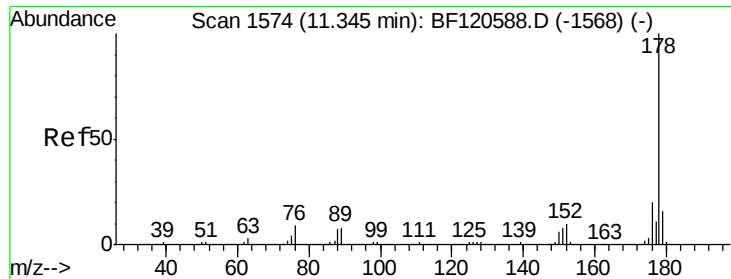
#70
Pentachlorophenol
Concen: 5.002 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:266 Resp: 17700
Ion Ratio Lower Upper
266 100
268 66.2 51.4 77.0
264 64.4 50.8 76.2



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

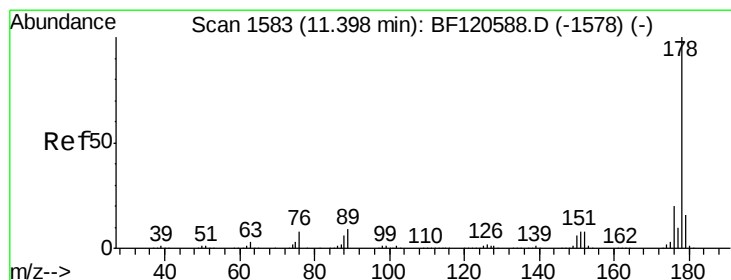
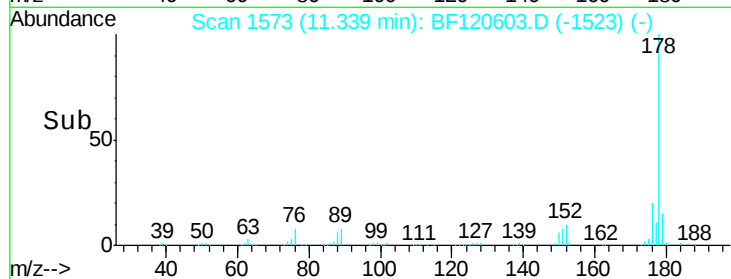
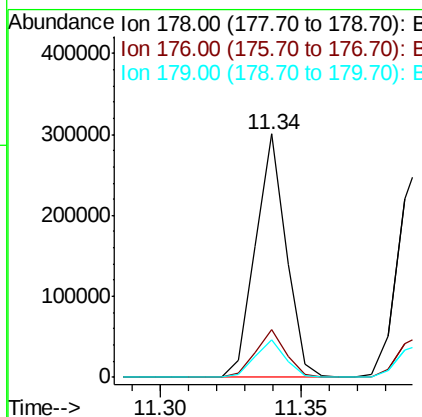
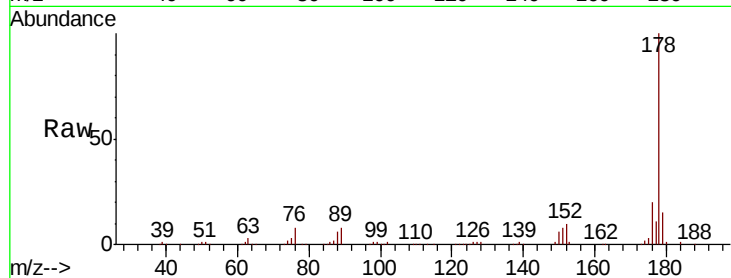




#71
Phenanthrene
Concen: 8.736 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

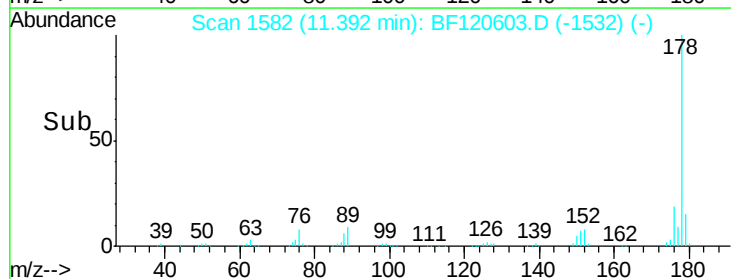
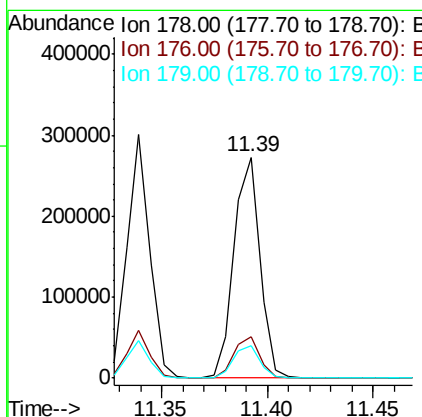
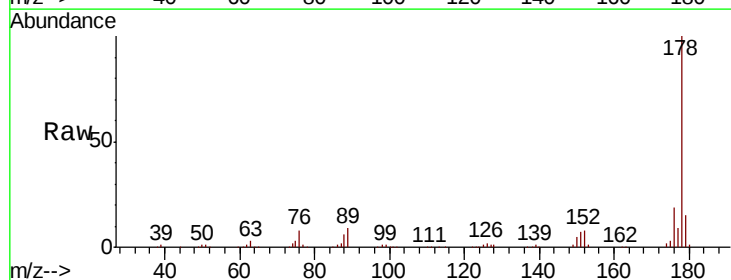
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

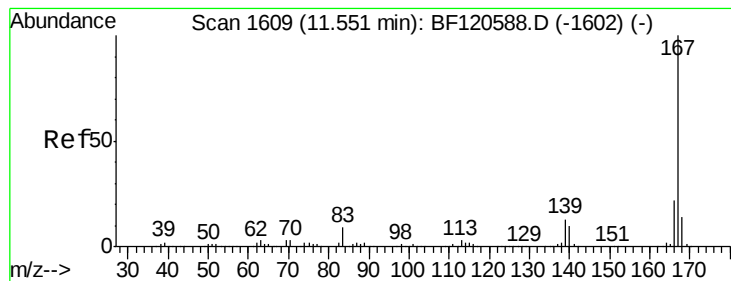
Tot Ion:178 Resp: 226515
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.2 12.8 19.2



#72
Anthracene
Concen: 8.839 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:178 Resp: 231001
Ion Ratio Lower Upper
178 100
176 18.7 15.6 23.4
179 14.7 12.9 19.3





#73

Carbazole

Concen: 8.129 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

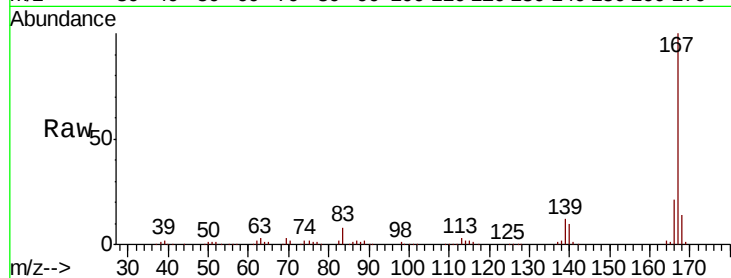
Tot Ion:167 Resp: 210303

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

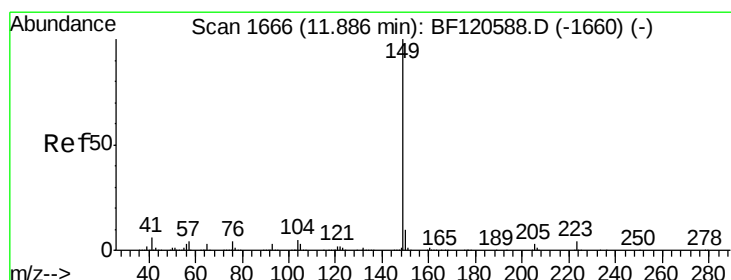
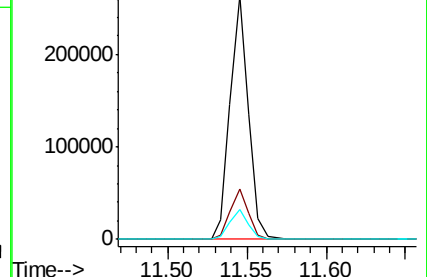
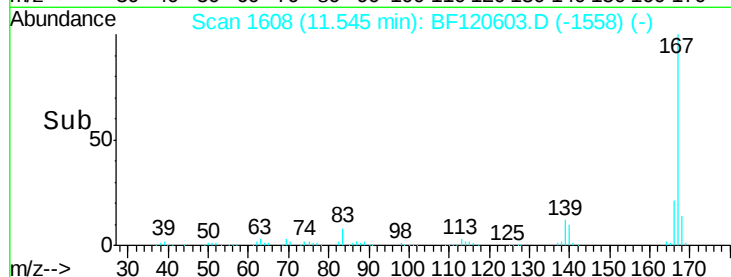
139 12.3 10.1 15.1



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: 8.497 ng

RT: 11.88 min Scan# 1665

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

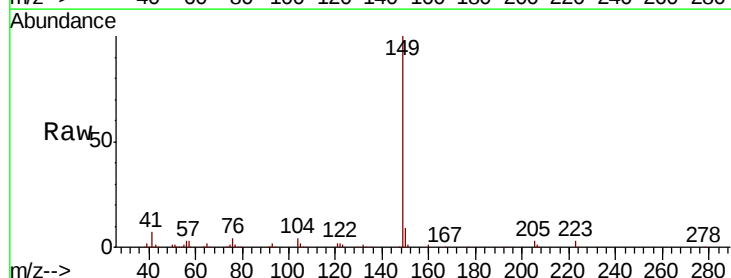
Tgt Ion:149 Resp: 247121

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

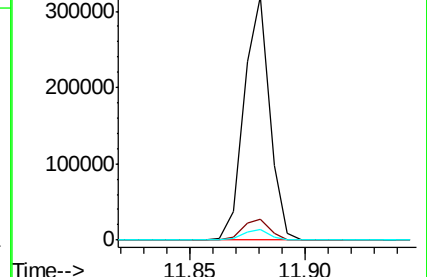
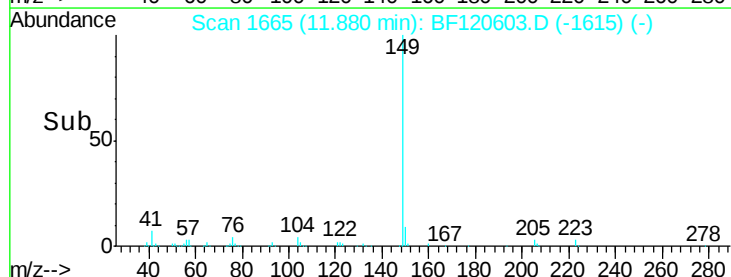
104 4.3 3.7 5.5

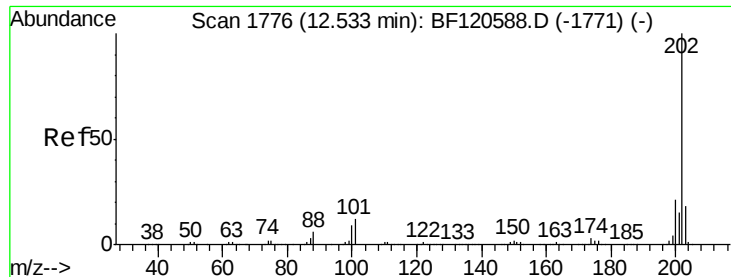


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

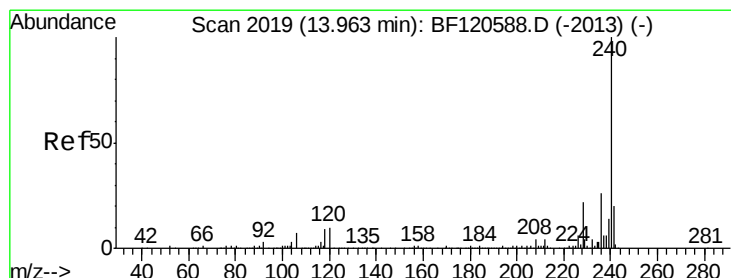
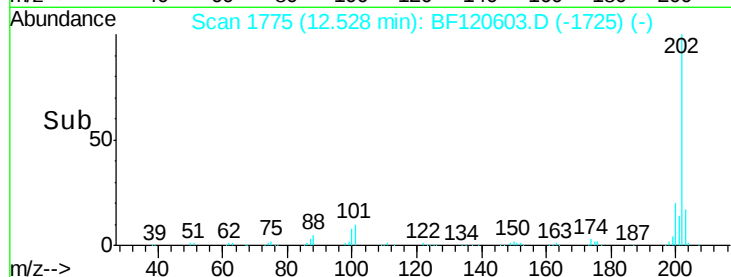
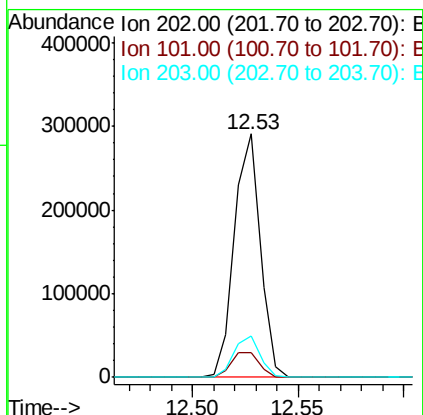
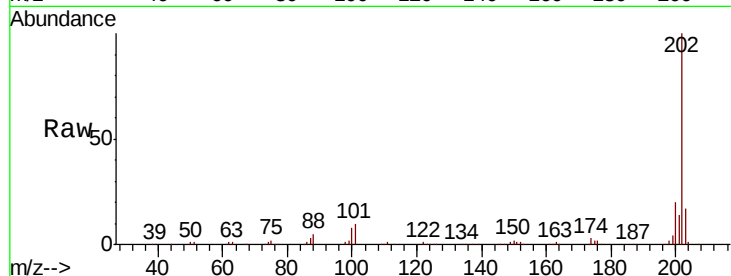




#75
Fluoranthene
Concen: 8.324 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

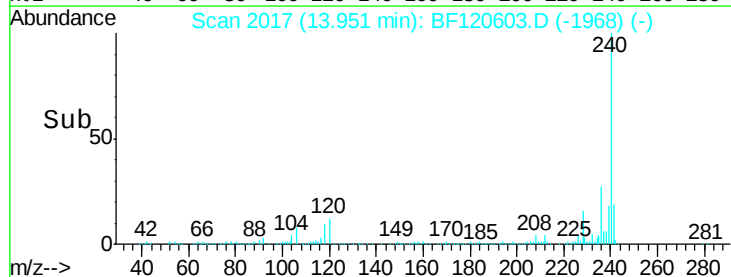
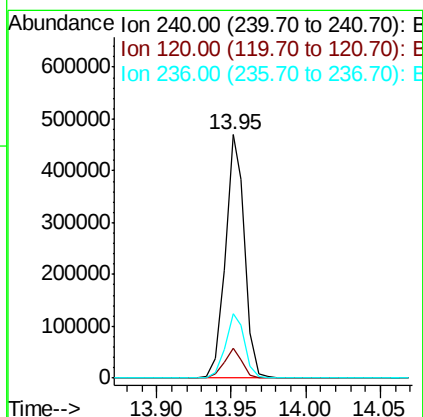
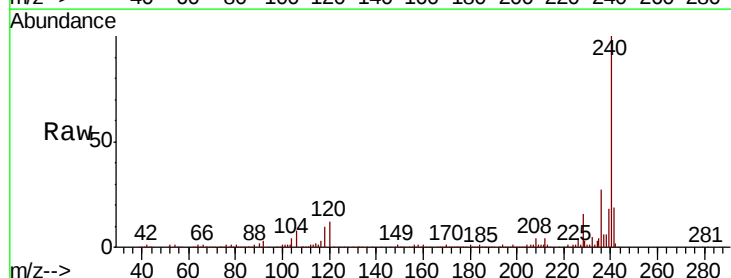
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

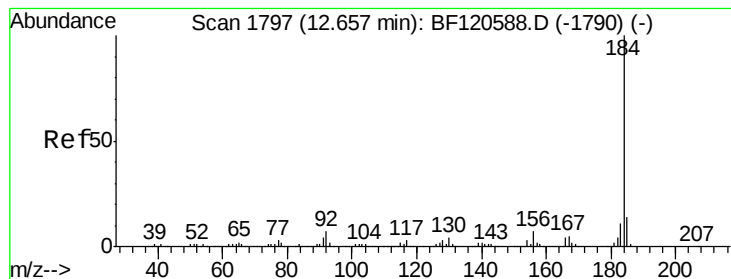
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.4	0.0	32.0
203	17.2	0.0	38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.3	12.5
236	26.7	21.0	31.4





#77

Benzidine

Concen: 9.355 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

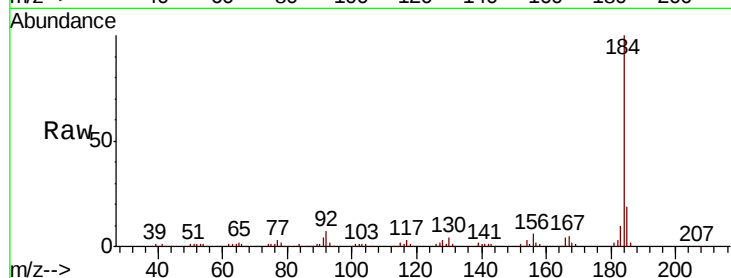
Tot Ion:184 Resp: 134477

Ion Ratio Lower Upper

184 100

185 18.7 11.4 17.0#

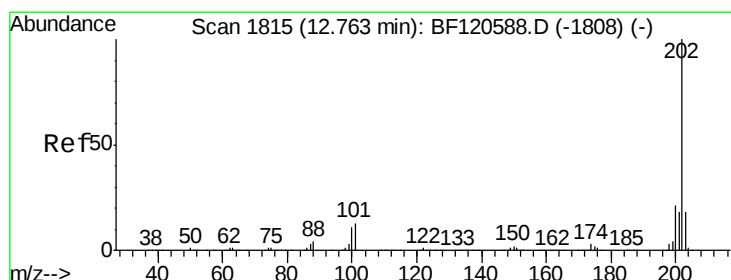
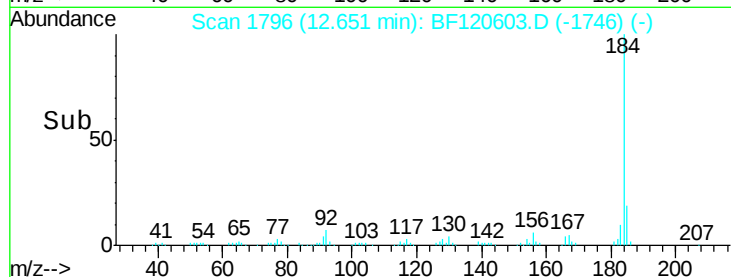
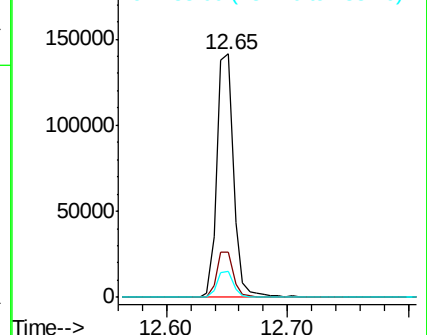
183 10.5 9.0 13.6



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: 8.541 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

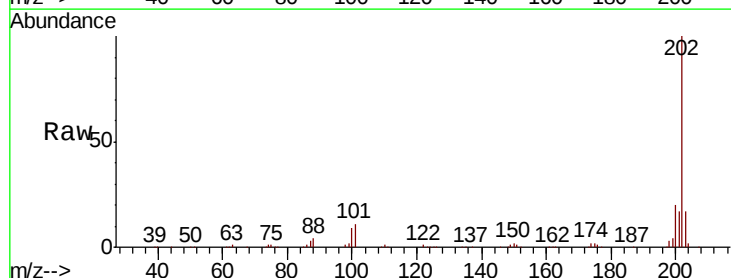
Tgt Ion:202 Resp: 257183

Ion Ratio Lower Upper

202 100

200 19.7 16.8 25.2

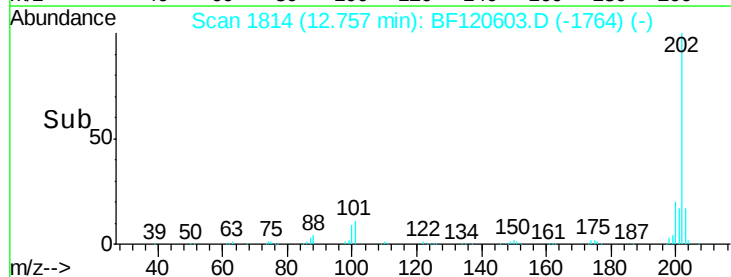
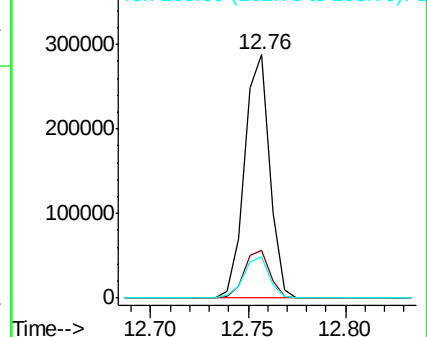
203 17.1 14.3 21.5



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: 101.853 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

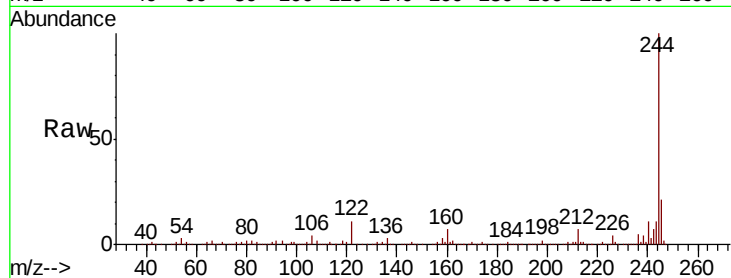
BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:244 Resp: 1960003

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.2	8.3	12.5

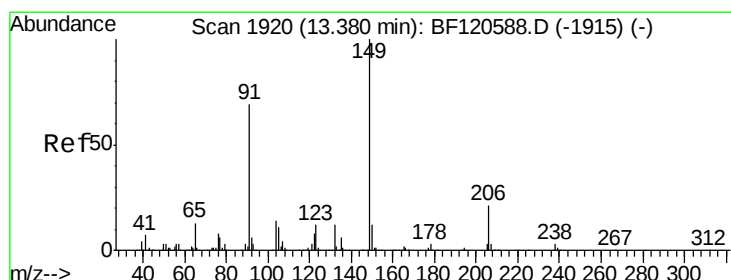
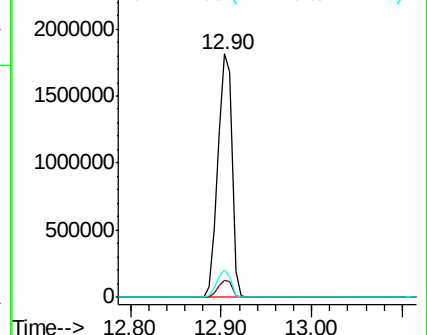
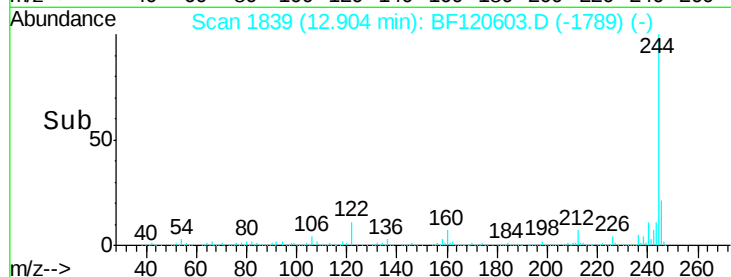


Abundance

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: 7.598 ng

RT: 13.37 min Scan# 1919

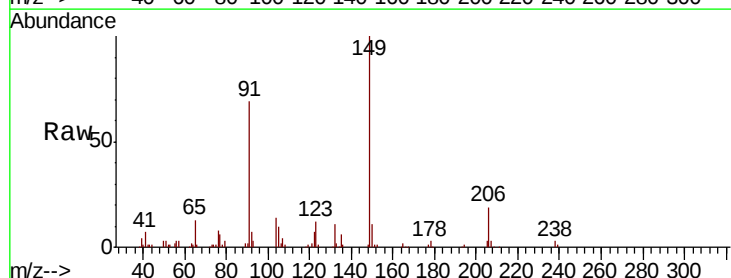
Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:149 Resp: 101593

Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.4	83.0
206	18.6	17.0	25.4

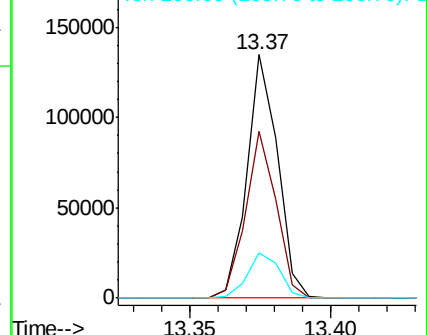
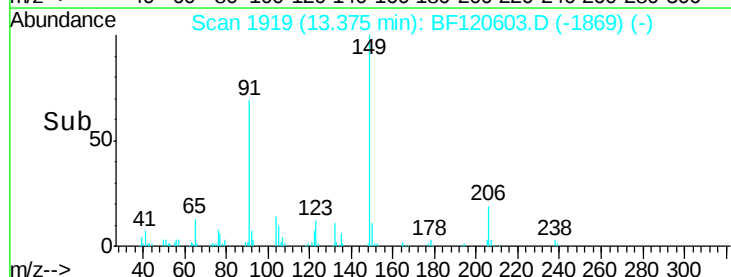


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.233 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

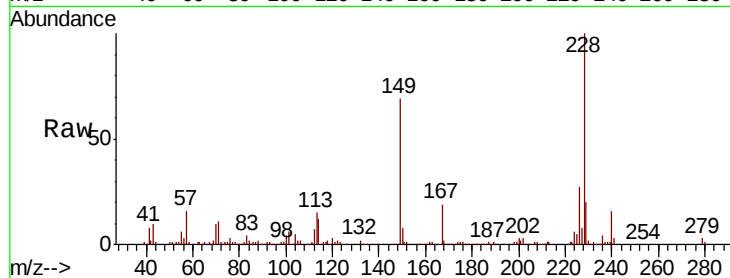
Tot Ion:228 Resp: 235789

Ion Ratio Lower Upper

228 100

226 27.3 22.5 33.7

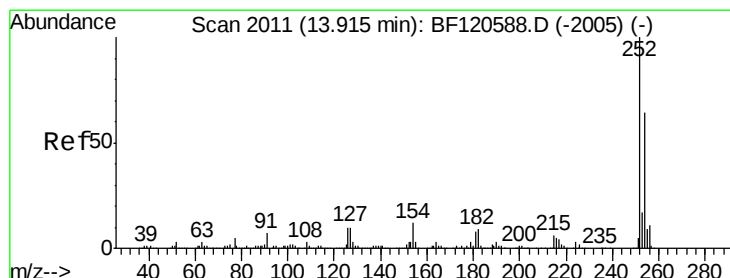
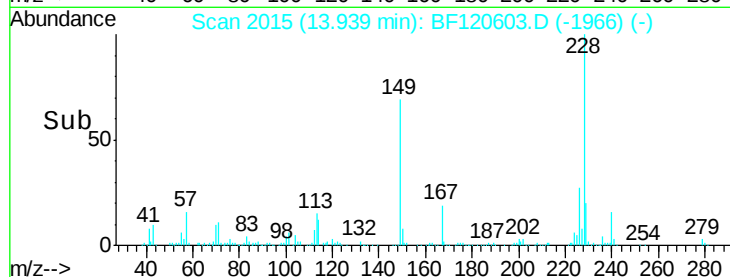
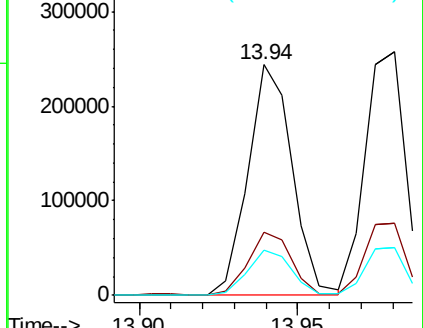
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.387 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

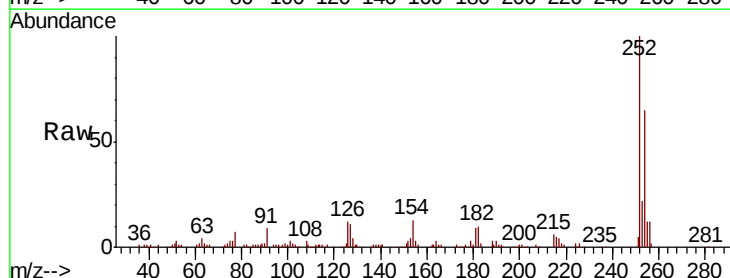
Tgt Ion:252 Resp: 91561

Ion Ratio Lower Upper

252 100

254 65.1 51.4 77.2

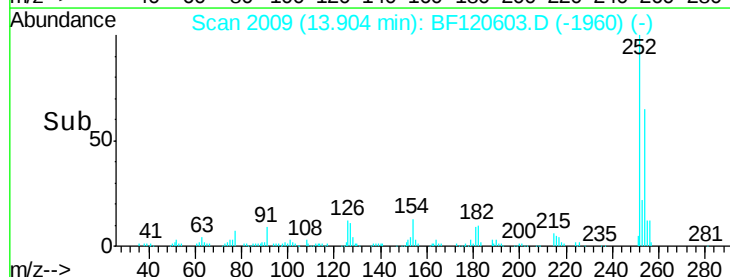
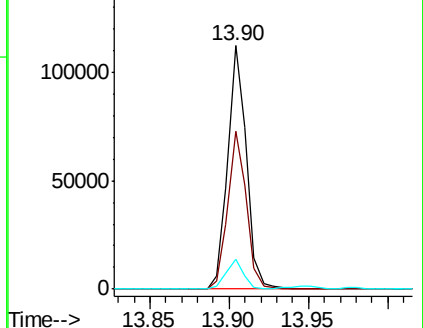
126 12.1 7.9 11.9#

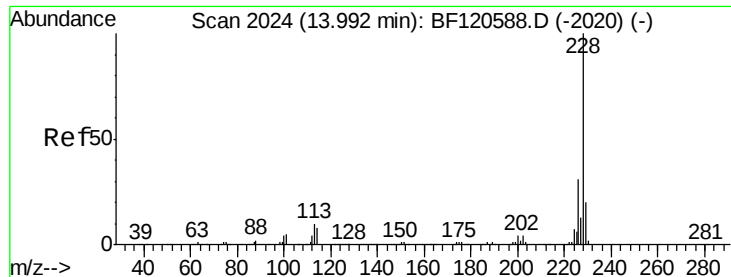


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

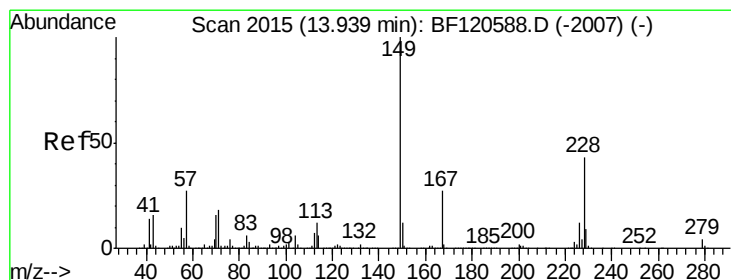
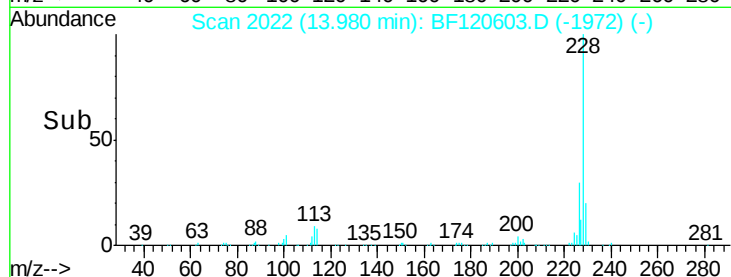
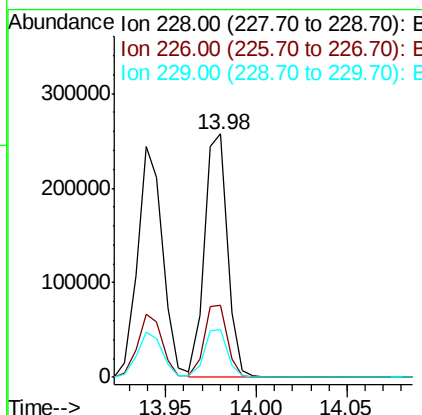
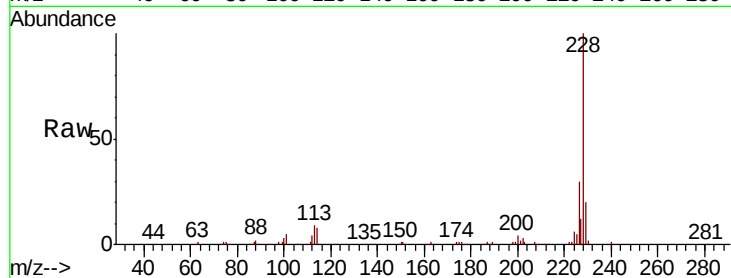




#83
 Chrysene
 Concen: 8.708 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

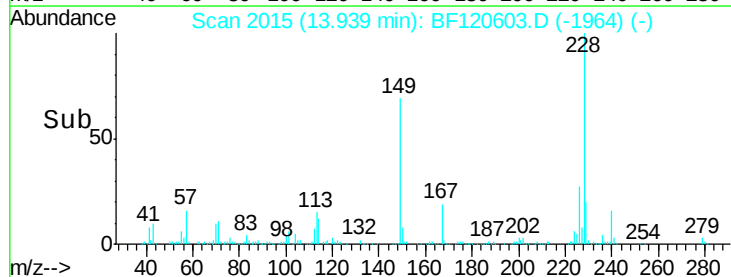
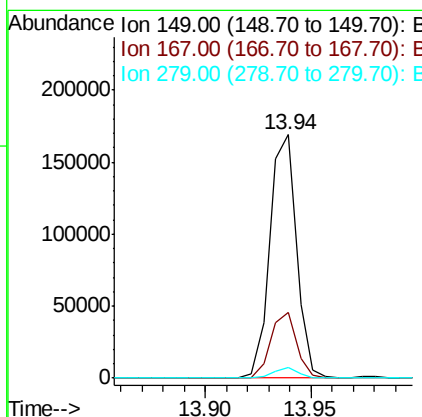
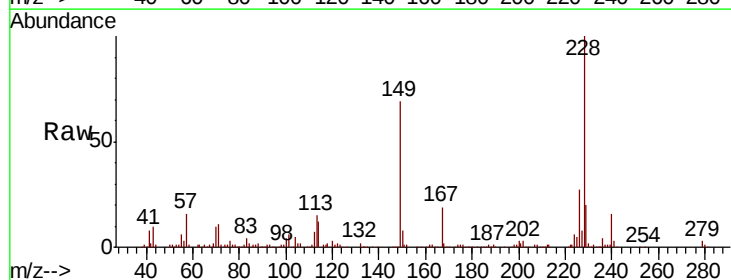
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:228 Resp: 228114
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.5 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 9.113 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:149 Resp: 148705
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.0 33.0
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 7.900 ng

RT: 14.55 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_G

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

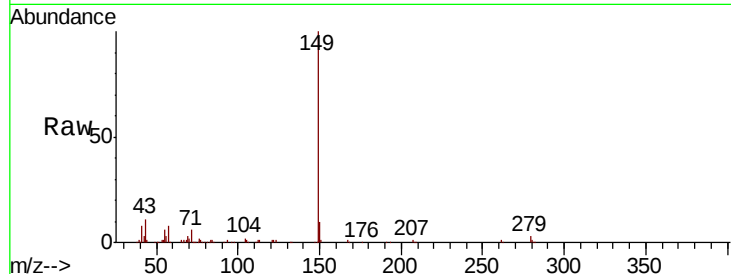
Tot Ion:149 Resp: 246041

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

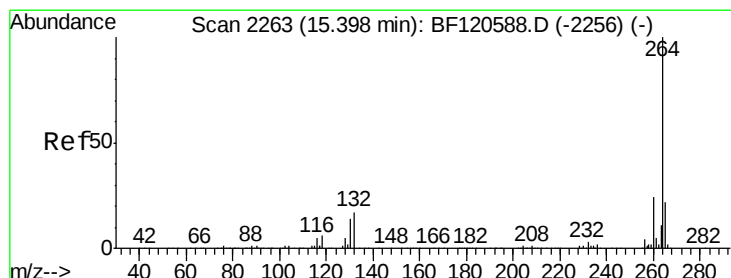
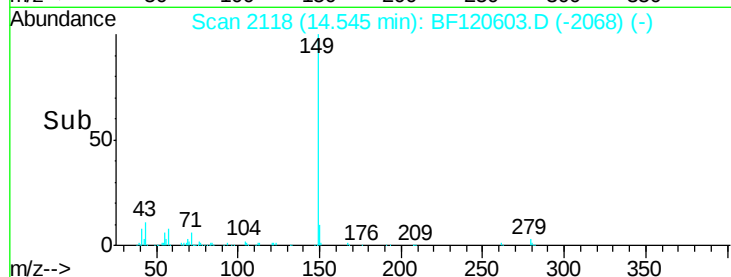
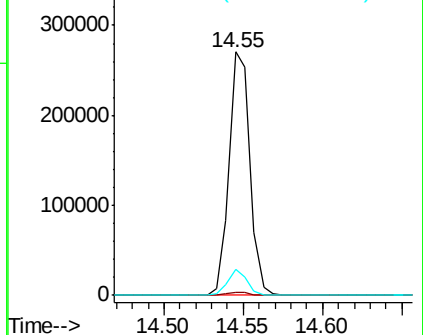
43 10.3 7.6 11.4



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): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

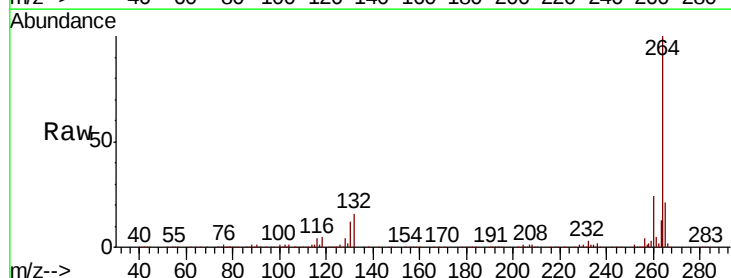
Tgt Ion:264 Resp: 473014

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

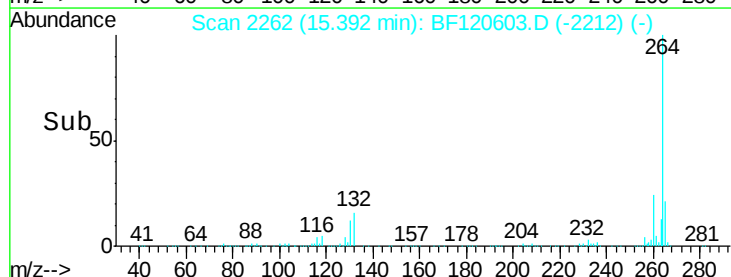
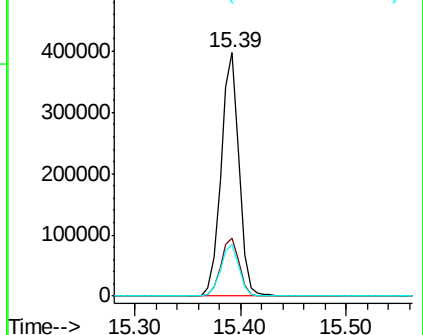
265 21.4 17.8 26.8

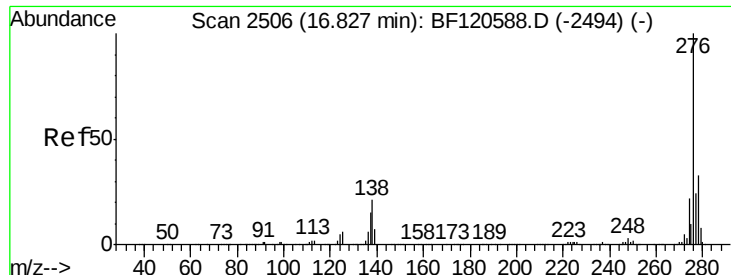


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

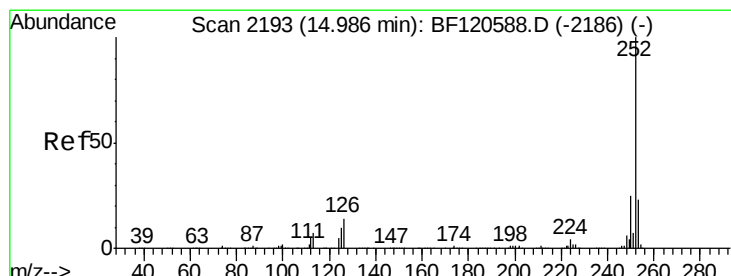
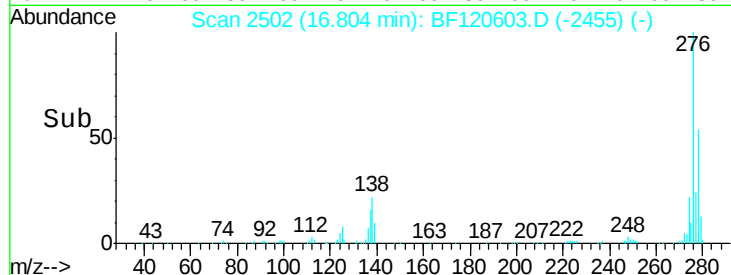
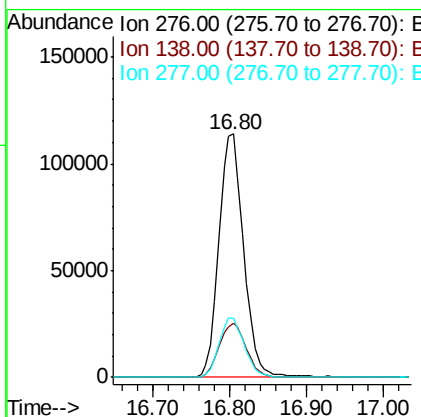
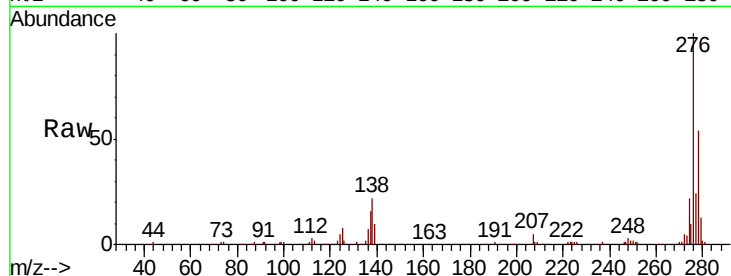




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.826 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.02 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

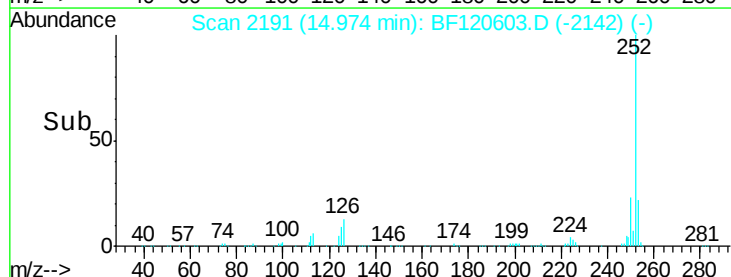
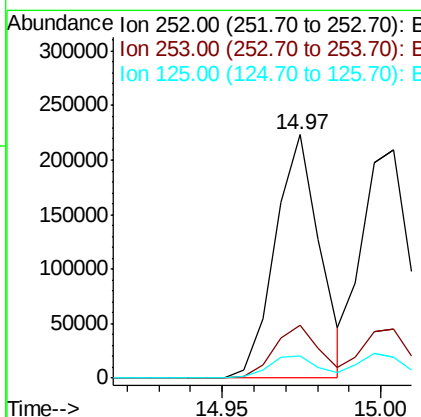
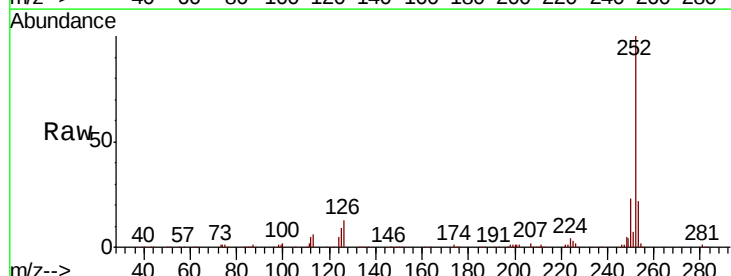
Instrument :
 BNA_G
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

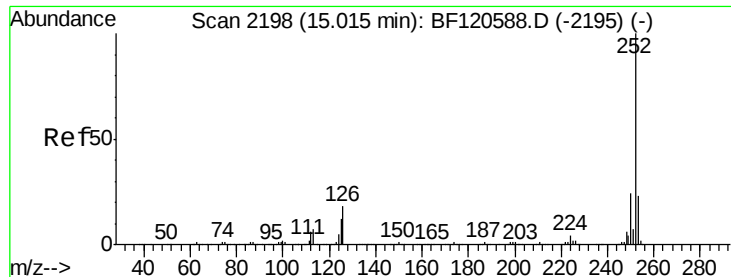
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.8	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 7.772 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.2	8.3	12.5

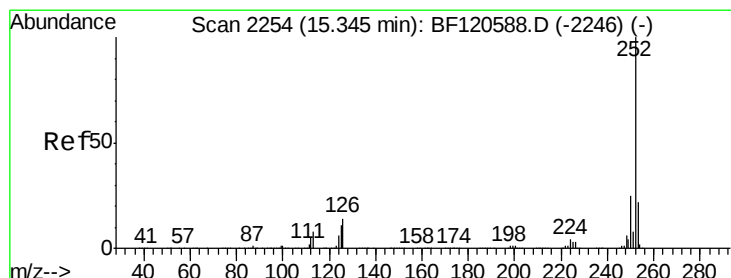
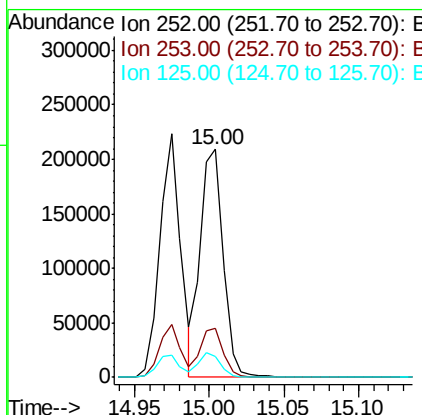
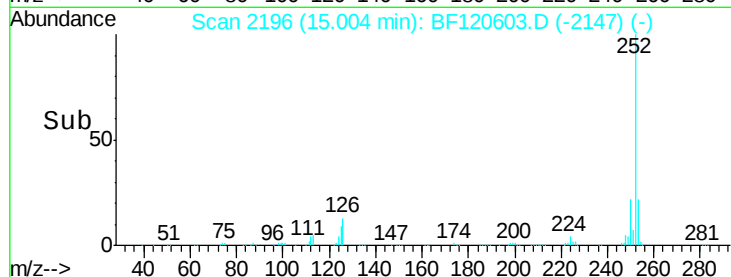
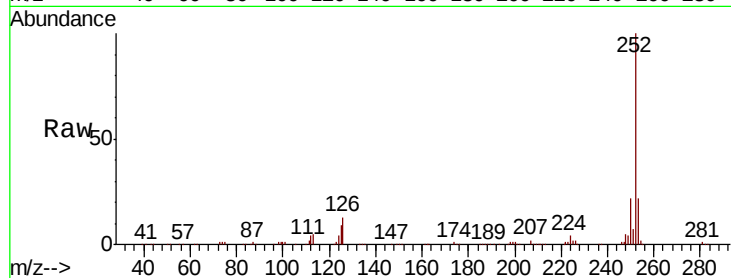




#89
Benzo(k)fluoranthene
Concen: 8.900 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

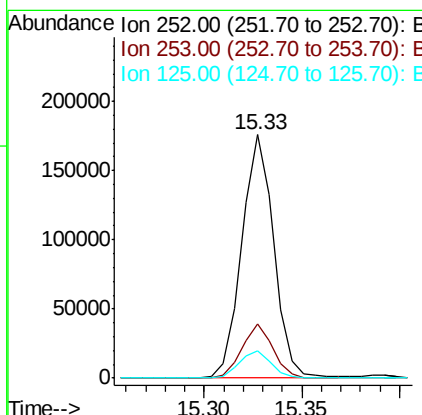
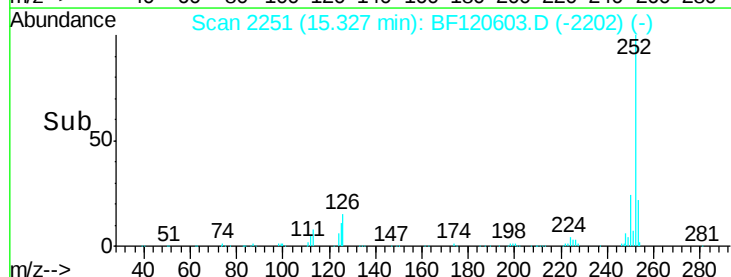
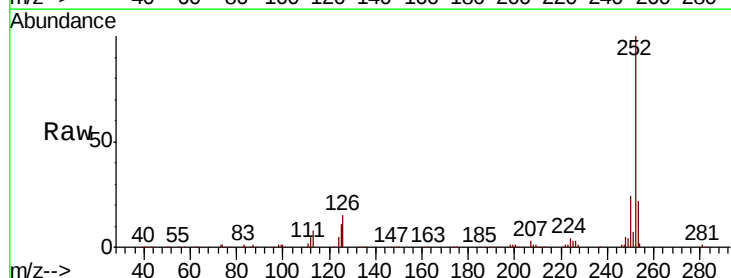
Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

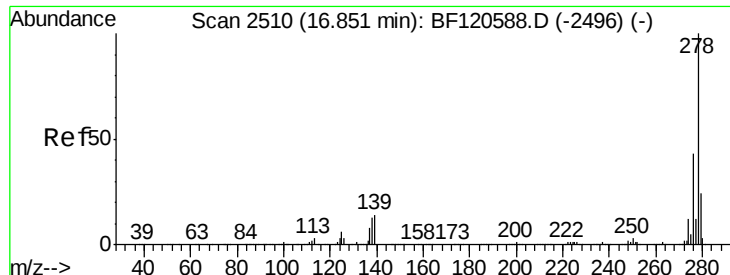
Tot Ion:252 Resp: 221903
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 7.918 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:252 Resp: 199662
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 11.2 8.6 12.8

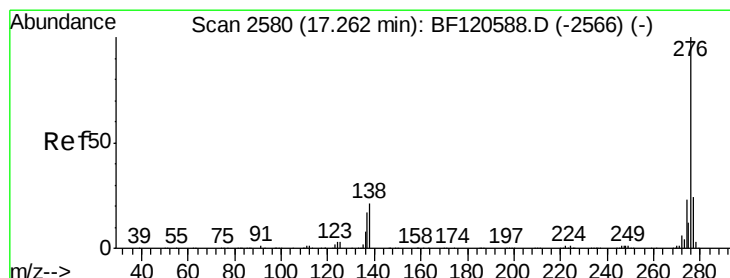
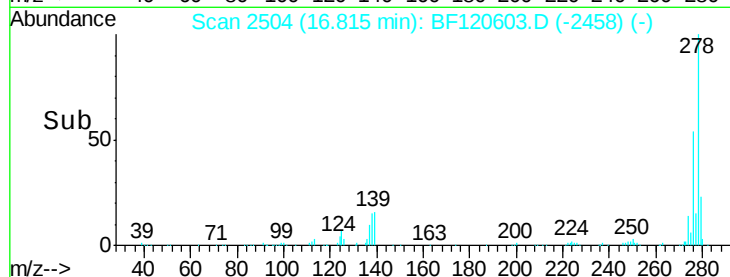
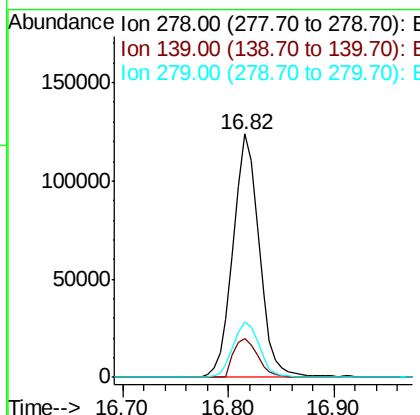
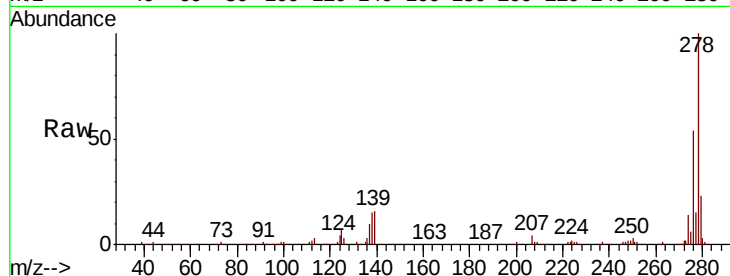




#91
Dibenzo(a,h)anthracene
Concen: 9.235 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.4	17.2
279	22.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 9.185 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.6	29.4
138	19.9	16.5	24.7

