

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120602.D
 Acq On : 11 Jun 2020 14:58
 Operator : JU/CG
 Sample : L1161-07
 Misc : LOD-MDL-WTR-5PPM
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jun 11 15:39:44 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	140846	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	518495	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	274306	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	528617	20.00	ng	0.00
76) Chrysene-d12	13.95	240	420630	20.00	ng	-0.01
86) Perylene-d12	15.39	264	487022	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1161061	141.33	ng	0.00
7) Phenol-d6	6.43	99	1460366	142.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	929964	100.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	455004	142.67	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1696997	94.65	ng	0.00
79) Terphenyl-d14	12.90	244	1930461	101.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	20794	5.341	ng	96
3) Pyridine	3.29	79	39078	3.570	ng	94
4) n-Nitrosodimethylamine	3.15	42	20875	4.596	ng	# 93
6) Aniline	6.46	93	67533	5.157	ng	99
8) 2-Chlorophenol	6.58	128	45051	4.853	ng	91
9) Benzaldehyde	6.35	77	38627	5.968	ng	92
10) Phenol	6.45	94	58943	5.399	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	44346	4.877	ng	96
12) 1,3-Dichlorobenzene	6.74	146	49277	4.993	ng	98
13) 1,4-Dichlorobenzene	6.82	146	50877	5.225	ng	100
14) 1,2-Dichlorobenzene	6.97	146	46790	4.933	ng	99
15) Benzyl Alcohol	6.93	79	45543	6.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	65605	5.011	ng	99
17) 2-Methylphenol	7.05	107	36049	4.553	ng	97
18) Hexachloroethane	7.31	117	18256	5.088	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	32298	5.442	ng	96
20) 3+4-Methylphenols	7.20	107	45957	4.645	ng	# 69
22) Acetophenone	7.20	105	67549	5.827	ng	96
24) Nitrobenzene	7.38	77	50472	5.200	ng	95
25) Isophorone	7.62	82	85984	4.759	ng	99
26) 2-Nitrophenol	7.69	139	21198	4.128	ng	99
27) 2,4-Dimethylphenol	7.73	122	24227	3.204	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	55707	5.319	ng	99
29) 2,4-Dichlorophenol	7.94	162	35693	4.644	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	42735	5.017	ng	99
31) Naphthalene	8.10	128	138873	5.455	ng	99
32) Benzoic acid	7.79	122	7803	1.345	ng	95
33) 4-Chloroaniline	8.15	127	54959	4.703	ng	99
34) Hexachlorobutadiene	8.22	225	24276	4.889	ng	99
35) Caprolactam	8.47	113	12039	4.897	ng	# 82
36) 4-Chloro-3-methylphenol	8.63	107	36949	4.812	ng	99
37) 2-Methylnaphthalene	8.79	142	92691	5.577	ng	99
38) 1-Methylnaphthalene	8.89	142	86755	5.547	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	43305	5.287	ng	99

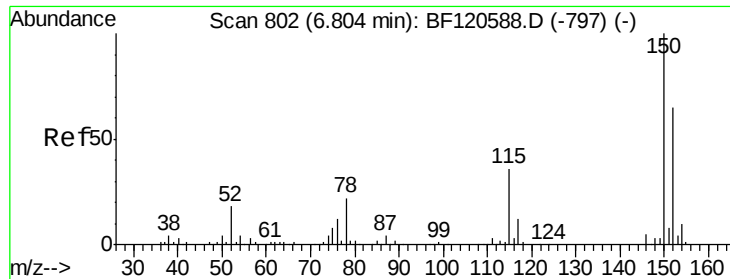
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120602.D
 Acq On : 11 Jun 2020 14:58
 Operator : JU/CG
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 QLast Update : Thu Jun 11 14:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	14734	3.210	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	25521	4.393	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	26444	4.012	ng	95
46) 1,1'-Biphenyl	9.26	154	118756	5.798	ng	98
47) 2-Chloronaphthalene	9.28	162	86165	5.144	ng	99
48) 2-Nitroaniline	9.37	65	22646	4.305	ng	# 85
49) Acenaphthylene	9.69	152	139208	5.385	ng	98
50) Dimethylphthalate	9.55	163	97466	4.934	ng	99
51) 2,6-Dinitrotoluene	9.61	165	19575	4.372	ng	91
52) Acenaphthene	9.86	154	81790	5.305	ng	99
53) 3-Nitroaniline	9.78	138	21377	3.975	ng	99
54) 2,4-Dinitrophenol	9.89	184	4126	1.719	ng	92
55) Dibenzofuran	10.03	168	129269	5.468	ng	98
56) 4-Nitrophenol	9.95	139	13976	3.451	ng	97
57) 2,4-Dinitrotoluene	10.02	165	24075	4.052	ng	94
58) Fluorene	10.38	166	97236	5.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	21731	4.190	ng	98
60) Diethylphthalate	10.25	149	98073	5.040	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	49543	5.265	ng	93
62) 4-Nitroaniline	10.39	138	21655	4.056	ng	98
63) Azobenzene	10.53	77	94752	5.365	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	8784	2.769	ng	88
66) n-Nitrosodiphenylamine	10.49	169	83158	5.123	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	27971	4.662	ng	92
68) Hexachlorobenzene	10.93	284	32586	5.052	ng	97
69) Atrazine	11.01	200	27288	5.432	ng	99
70) Pentachlorophenol	11.12	266	9294	2.592	ng	94
71) Phenanthrene	11.34	178	141910	5.400	ng	99
72) Anthracene	11.39	178	144550	5.457	ng	99
73) Carbazole	11.55	167	128089	4.885	ng	99
74) Di-n-butylphthalate	11.88	149	152038	5.158	ng	99
75) Fluoranthene	12.53	202	153695	5.116	ng	97
77) Benzidine	12.65	184	78019	5.484	ng	# 93
78) Pyrene	12.76	202	160307	5.380	ng	98
80) Butylbenzylphthalate	13.37	149	60720	4.589	ng	98
81) Benzo(a)anthracene	13.94	228	148224	5.865	ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	54468	5.643	ng	# 97
83) Chrysene	13.98	228	143594	5.539	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	90634	5.613	ng	99
85) Di-n-octyl phthalate	14.54	149	149443	4.849	ng	99
87) Indeno(1,2,3-cd)pyrene	16.80	276	156965	5.298	ng	98
88) Benzo(b)fluoranthene	14.97	252	133869	4.614	ng	99
89) Benzo(k)fluoranthene	15.00	252	141266	5.503	ng	98
90) Benzo(a)pyrene	15.33	252	122238	4.708	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	131711	5.544	ng	98
92) Benzo(g,h,i)perylene	17.23	276	130864	5.465	ng	98

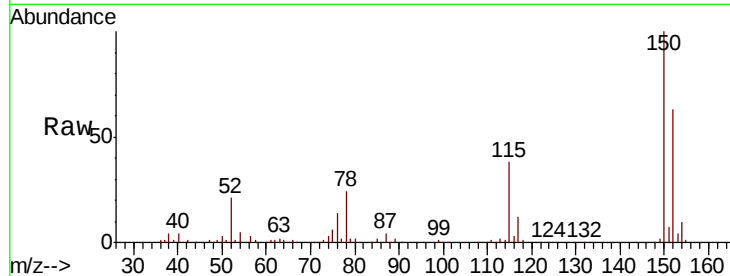
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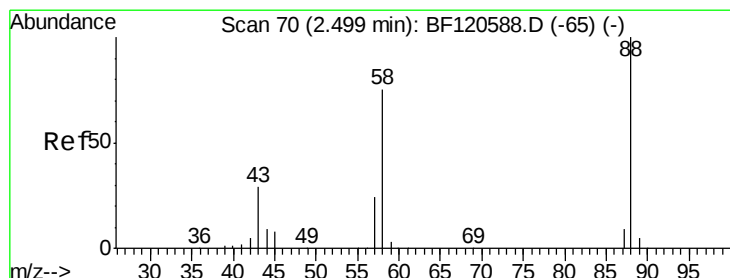
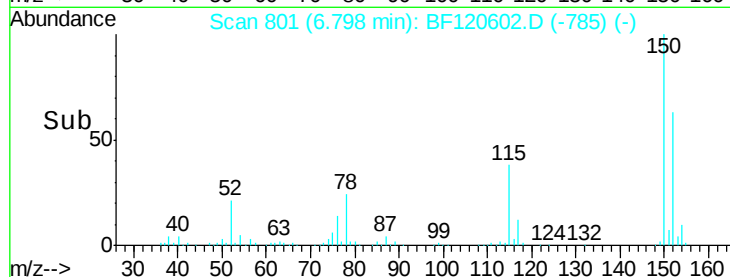
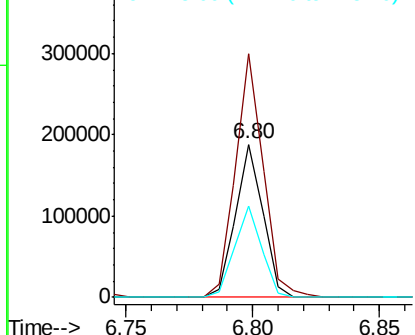
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 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

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

Tot Ion:152 Resp: 140846
 Ion Ratio Lower Upper
 152 100
 150 159.0 123.2 184.8
 115 59.9 43.9 65.9

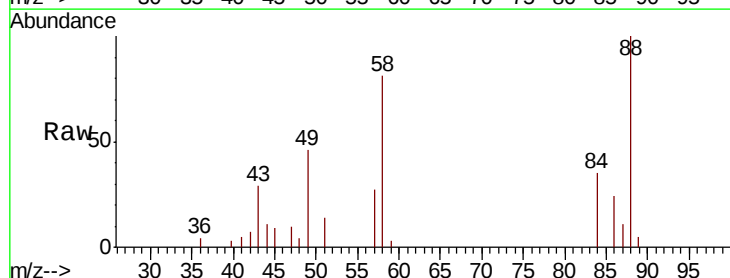


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

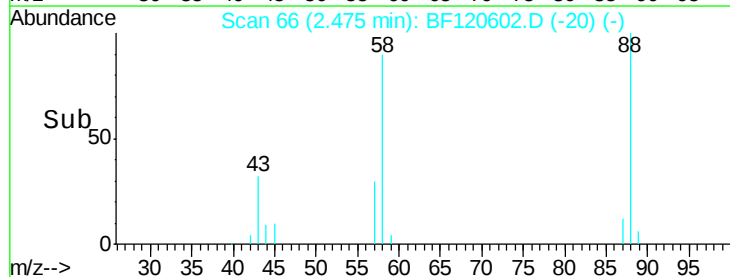
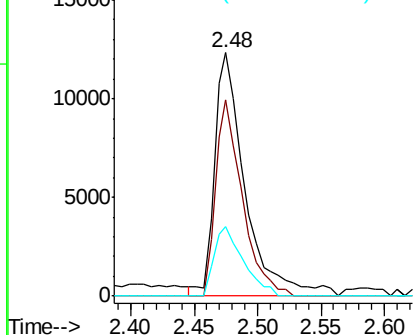


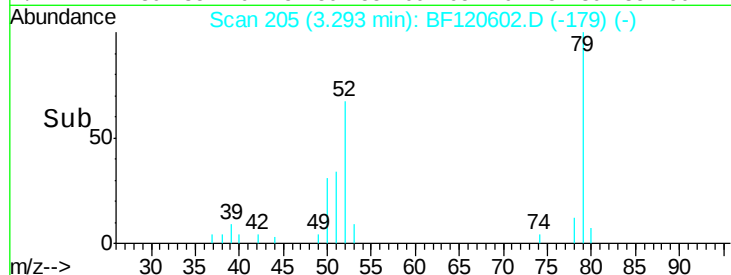
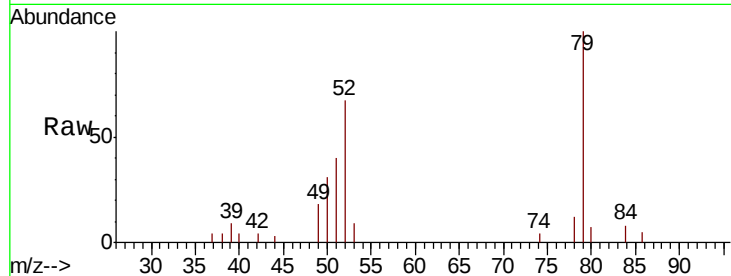
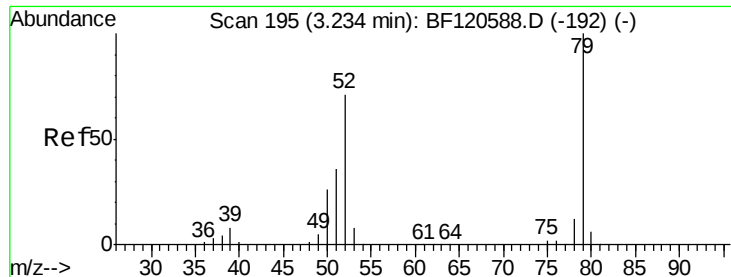
#2
 1,4-Dioxane
 Concen: 5.341 ng
 RT: 2.48 min Scan# 66
 Delta R.T. -0.03 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion: 88 Resp: 20794
 Ion Ratio Lower Upper
 88 100
 58 70.5 59.6 89.4
 43 27.0 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



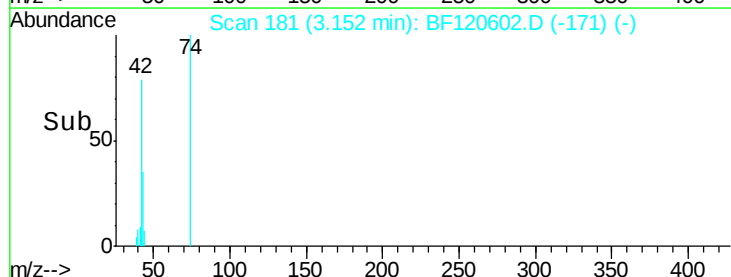
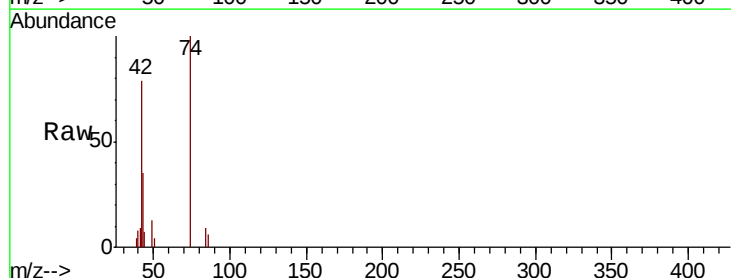
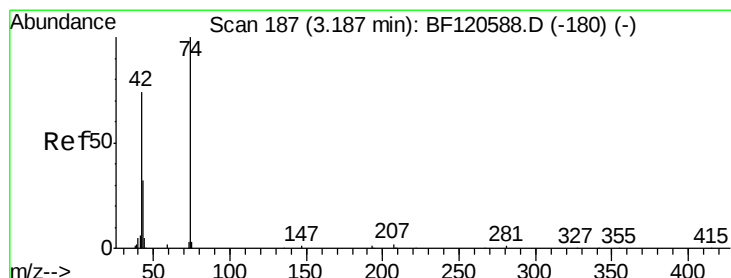
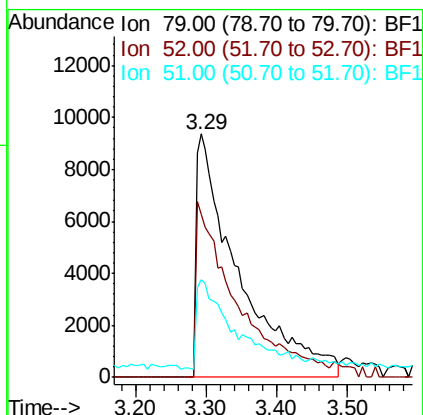


#3
Pvridine
Concen: 3.570 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.05 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion: 79 Resp: 39078

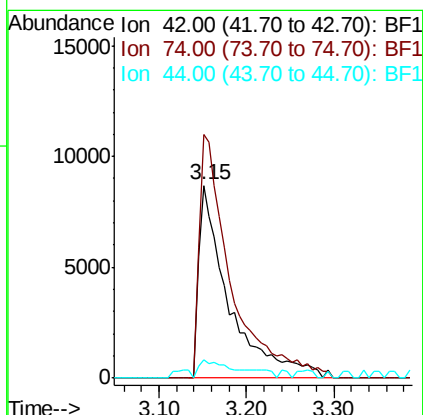
Ion	Ratio	Lower	Upper
79	100		
52	67.0	57.0	85.6
51	40.0	28.5	42.7

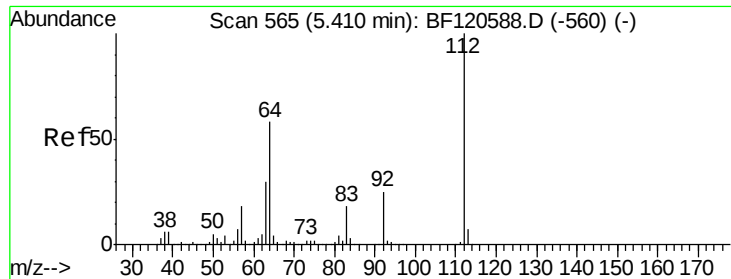


#4
n-Nitrosodimethylamine
Concen: 4.596 ng
RT: 3.15 min Scan# 181
Delta R.T. -0.04 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion: 42 Resp: 20875

Ion	Ratio	Lower	Upper
42	100		
74	126.5	107.8	161.6
44	9.4	5.1	7.7





#5

2-Fluorophenol

Concen: 141.331 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

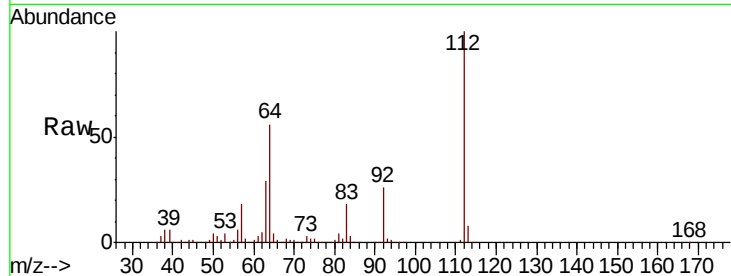
Tot Ion:112 Resp: 1161061

Ion Ratio Lower Upper

112 100

64 56.2 46.1 69.1

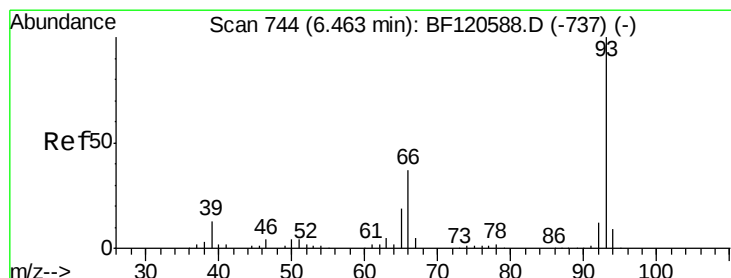
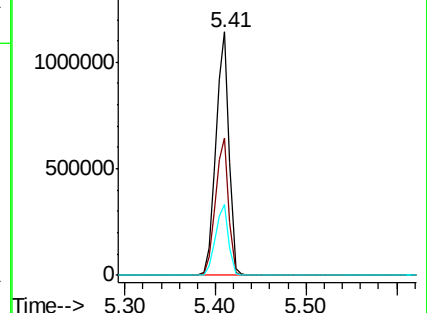
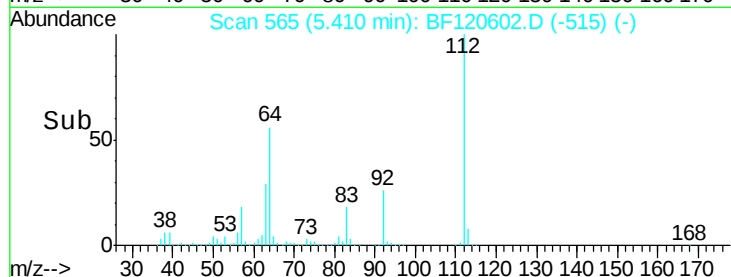
63 29.2 23.7 35.5



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: 5.157 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

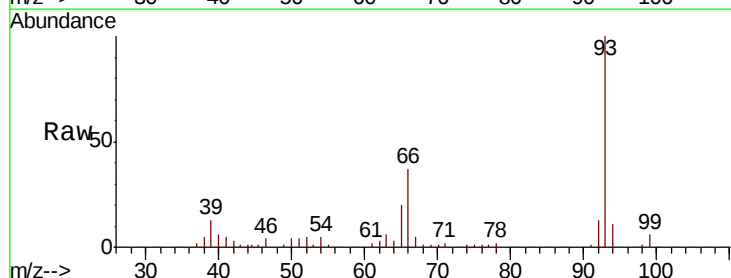
Tgt Ion: 93 Resp: 67533

Ion Ratio Lower Upper

93 100

66 37.5 30.9 46.3

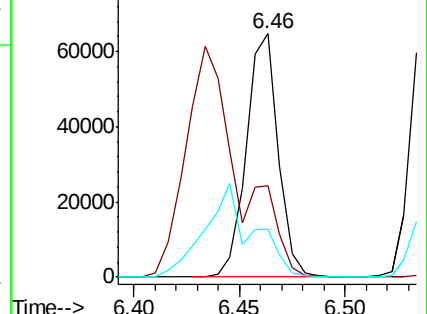
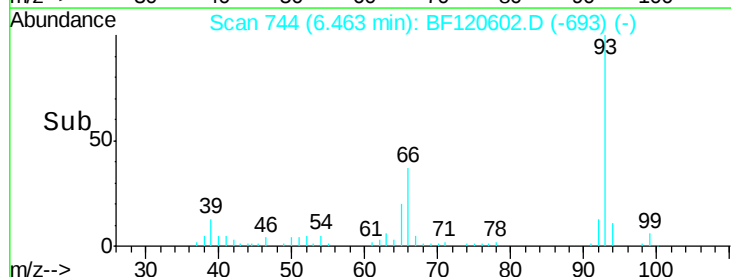
65 19.7 15.9 23.9

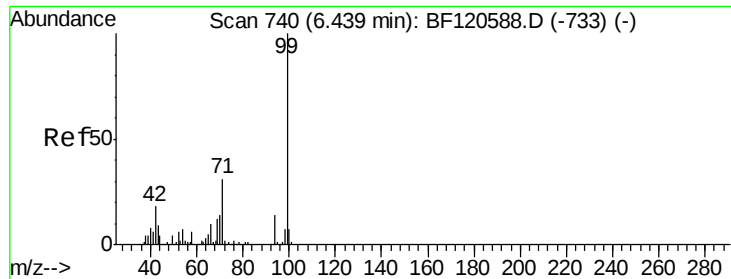


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 142.725 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

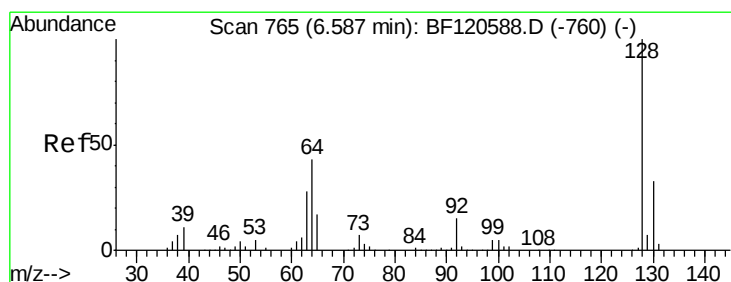
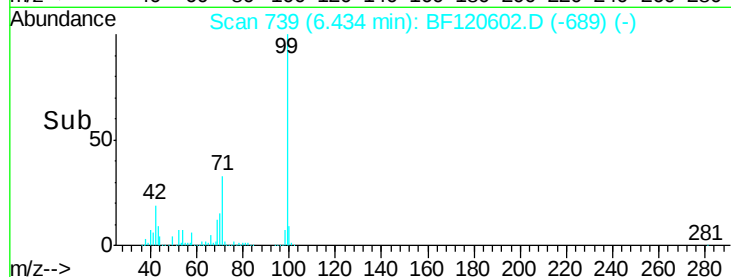
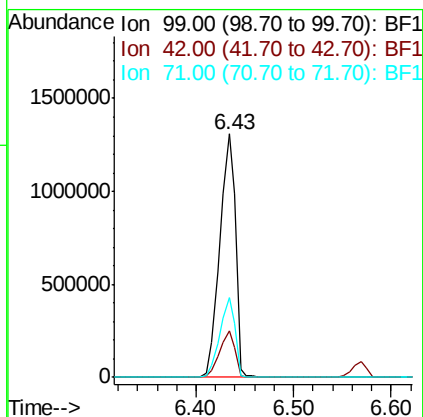
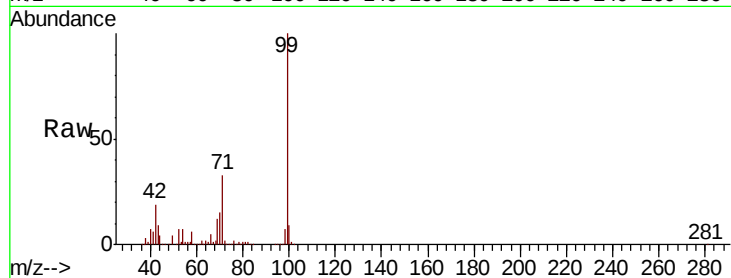
Tot Ion: 99 Resp: 1460366

Ion Ratio Lower Upper

99 100

42 18.9 14.0 21.0

71 32.6 24.9 37.3



#8

2-Chlorophenol

Concen: 4.853 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

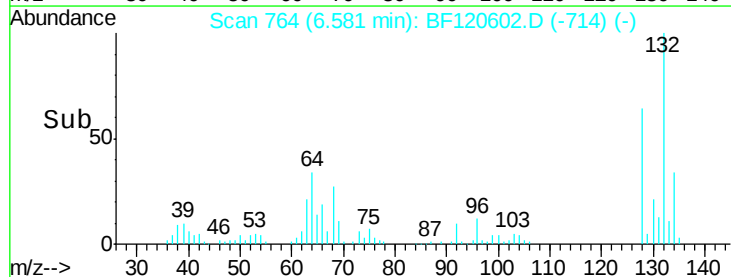
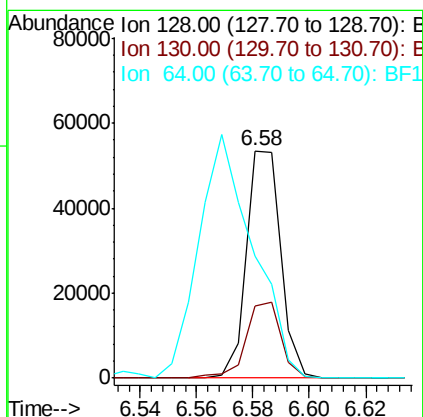
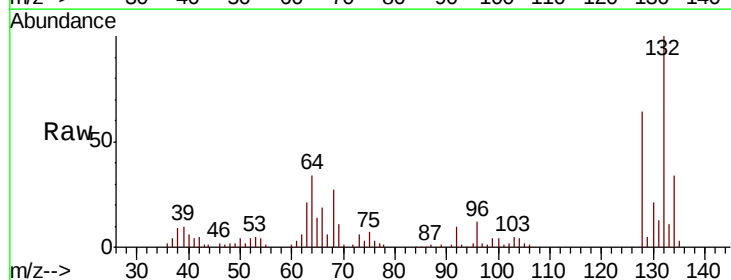
Tgt Ion:128 Resp: 45051

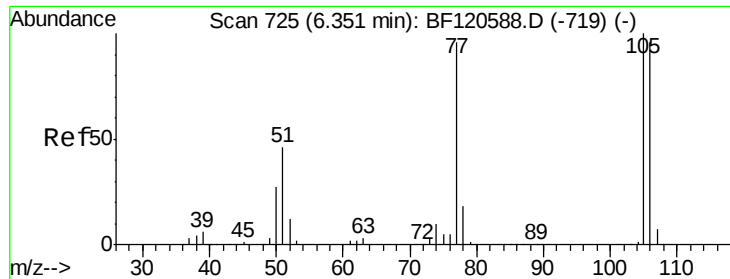
Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

64 53.7 24.3 64.3

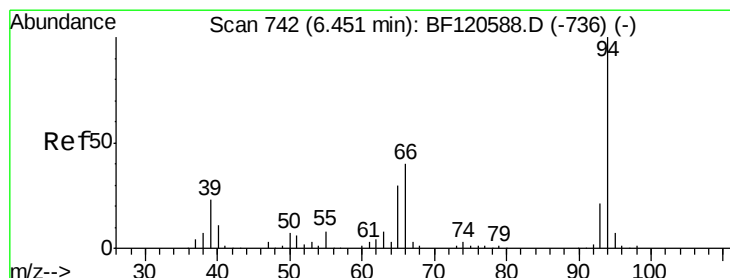
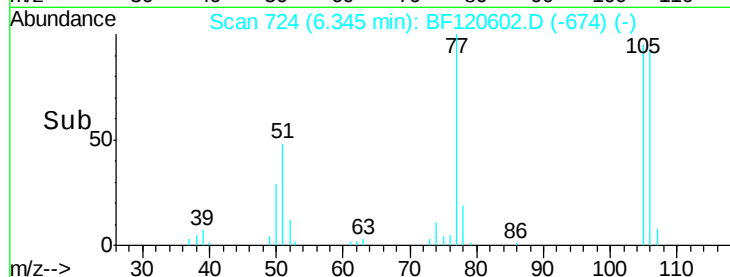
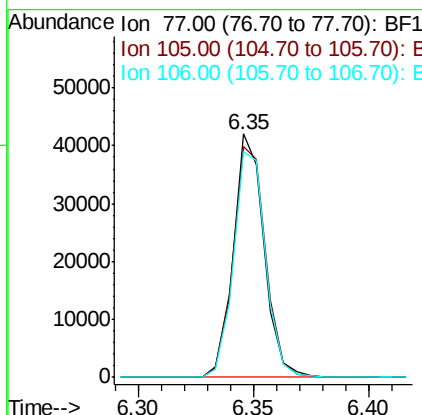
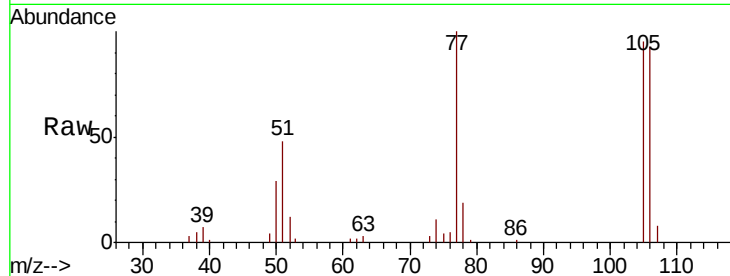




#9
Benzaldehyde
Concen: 5.968 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

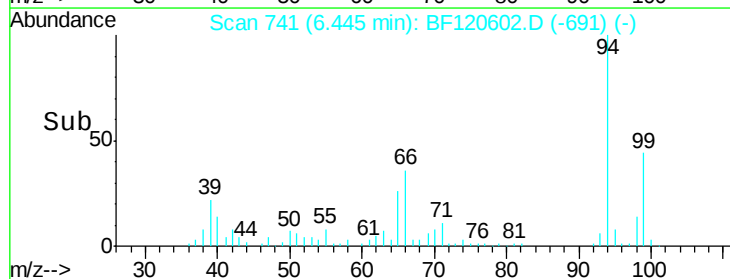
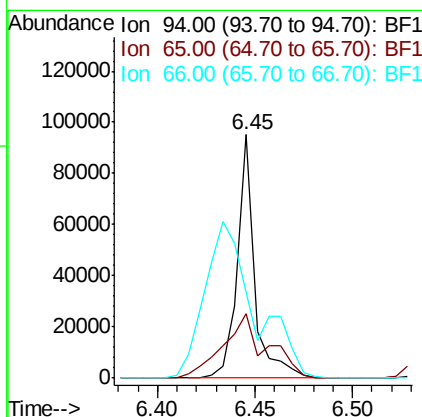
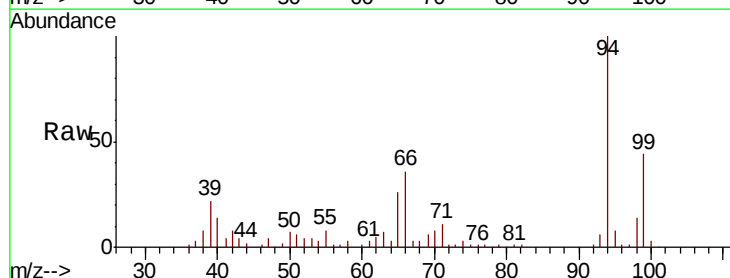
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ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

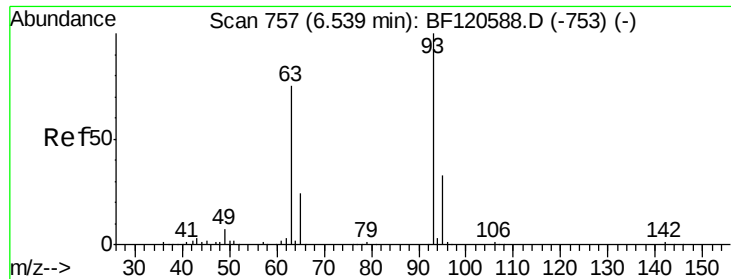
Tot Ion: 77 Resp: 38627
Ion Ratio Lower Upper
77 100
105 94.6 83.8 123.8
106 92.7 79.3 119.3



#10
Phenol
Concen: 5.399 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion: 94 Resp: 58943
Ion Ratio Lower Upper
94 100
65 26.3 9.9 49.9
66 35.5 20.1 60.1

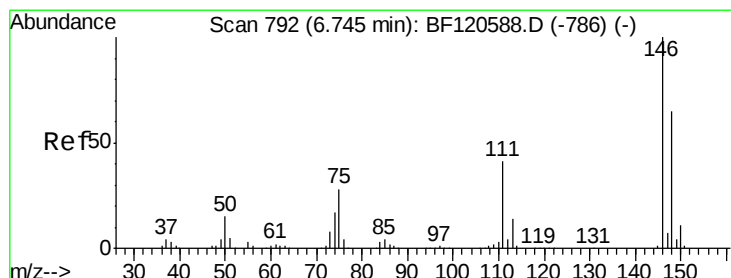
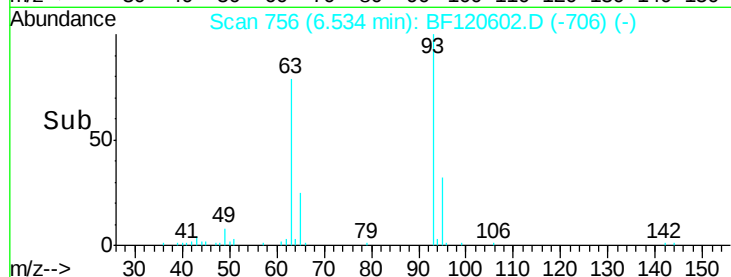
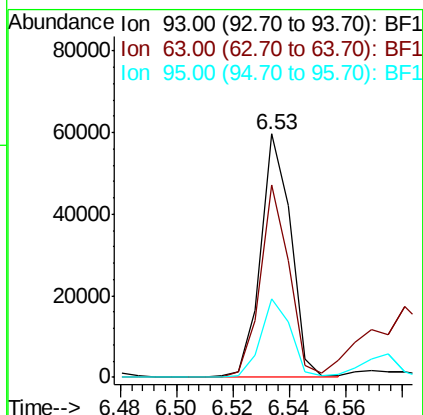
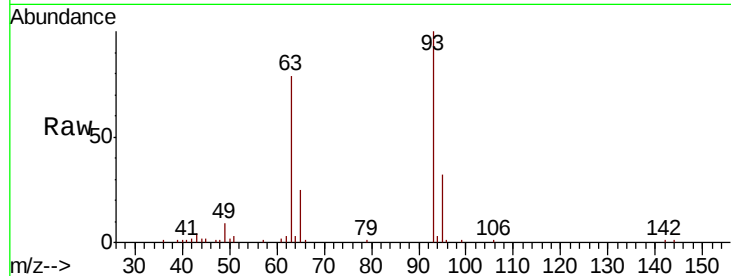




#11
bis(2-Chloroethyl)ether
Concen: 4.877 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

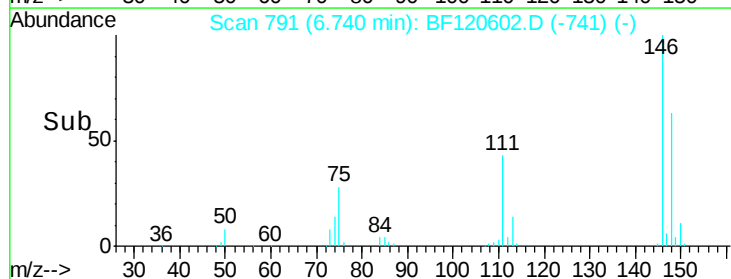
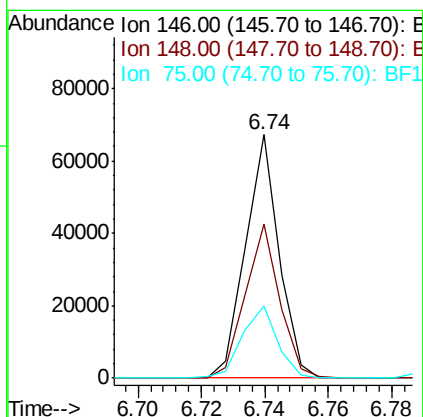
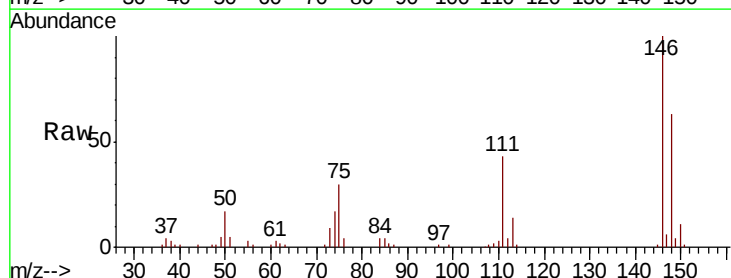
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

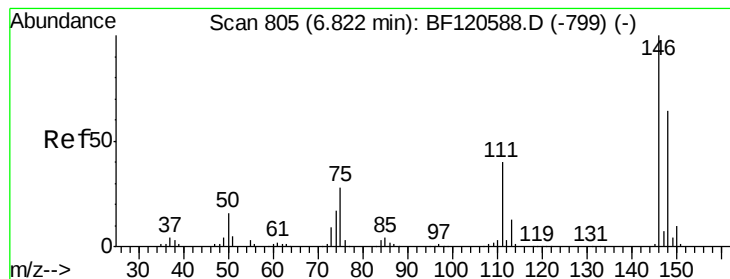
Tot Ion: 93 Resp: 44346
Ion Ratio Lower Upper
93 100
63 79.2 54.4 94.4
95 32.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 4.993 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion: 146 Resp: 49277
Ion Ratio Lower Upper
146 100
148 63.5 51.8 77.6
75 29.7 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 5.225 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

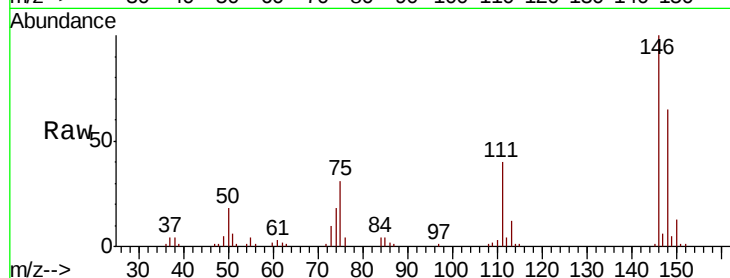
Tot Ion:146 Resp: 50877

Ion Ratio Lower Upper

146 100

148 64.7 51.5 77.3

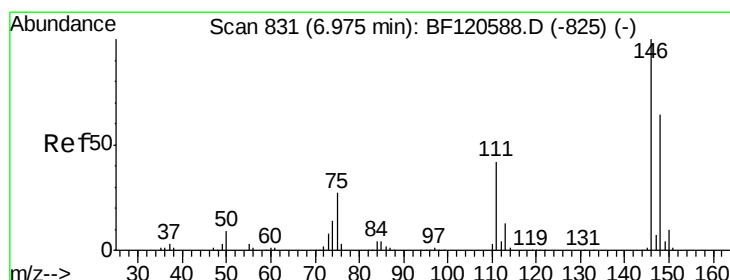
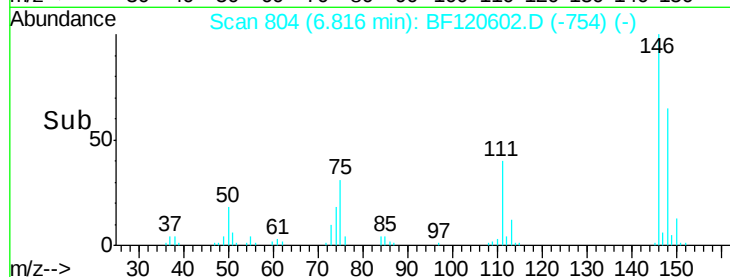
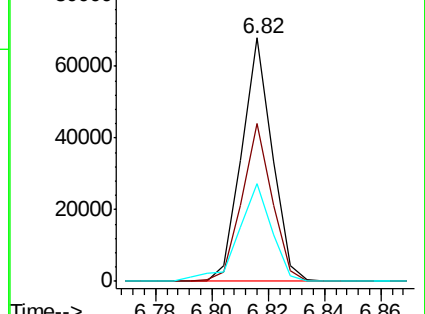
111 40.4 32.2 48.4



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: 4.933 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

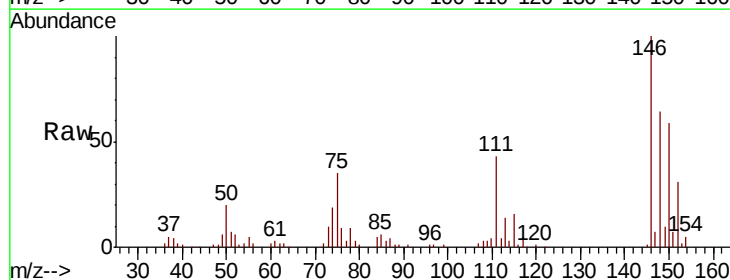
Tgt Ion:146 Resp: 46790

Ion Ratio Lower Upper

146 100

148 64.1 50.8 76.2

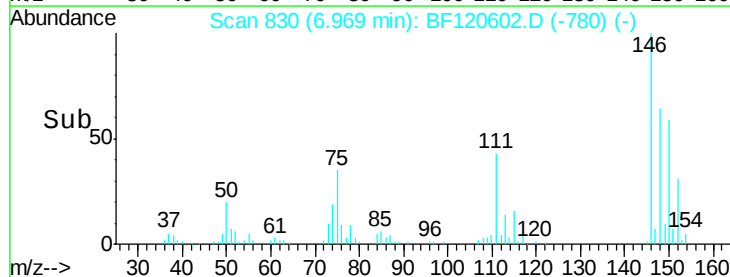
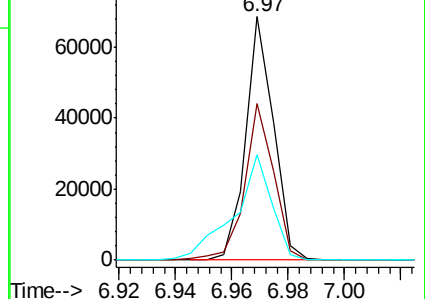
111 43.2 33.6 50.4



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: 6.276 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

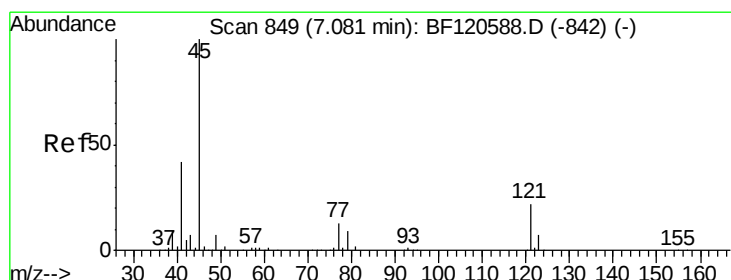
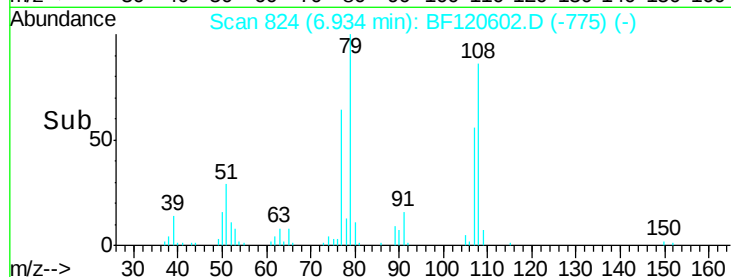
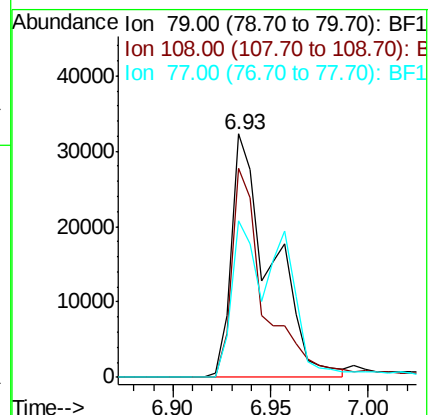
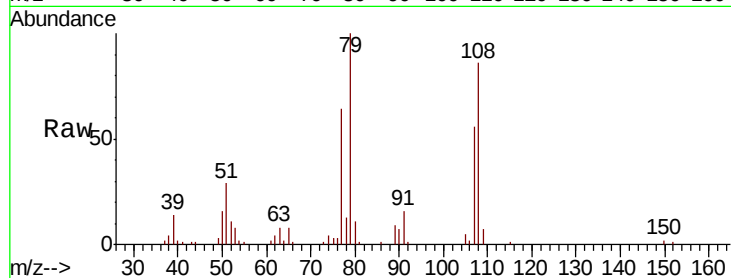
Tot Ion: 79 Resp: 45543

Ion Ratio Lower Upper

79 100

108 86.0 66.8 100.2

77 64.2 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 5.011 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

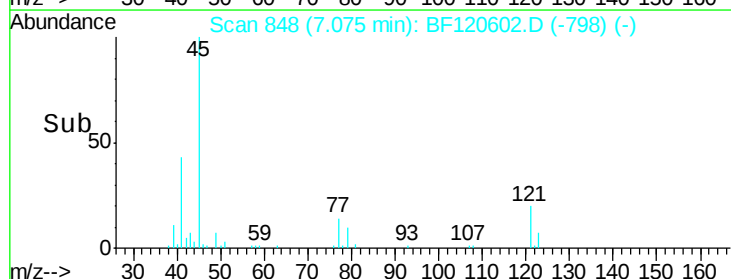
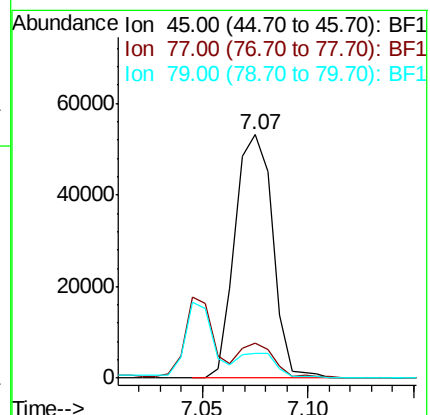
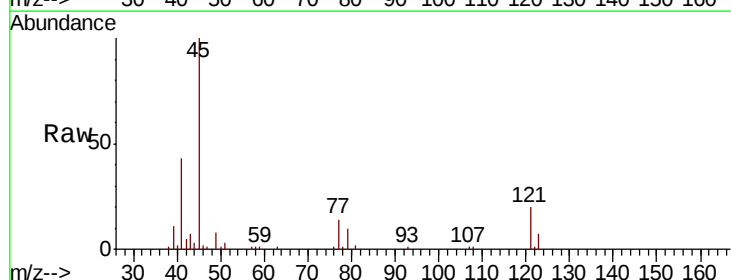
Tgt Ion: 45 Resp: 65605

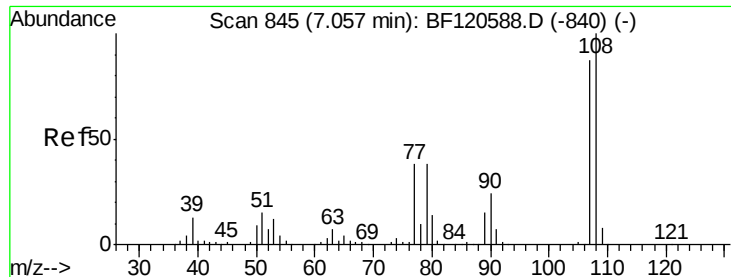
Ion Ratio Lower Upper

45 100

77 14.1 0.0 34.2

79 10.0 0.0 30.9





#17

2-Methylphenol

Concen: 4.553 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:107 Resp: 36049

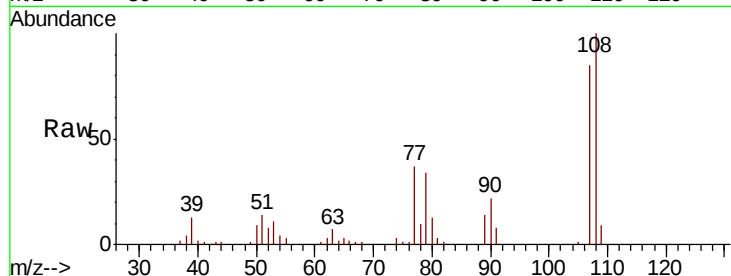
Ion Ratio Lower Upper

107 100

108 117.7 91.9 137.9

77 43.4 35.4 53.2

79 40.6 34.8 52.2

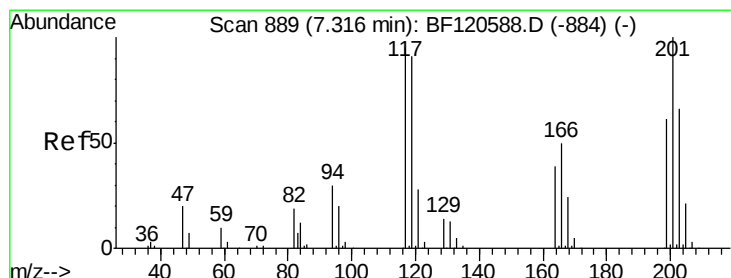
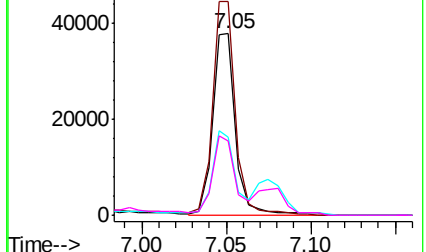
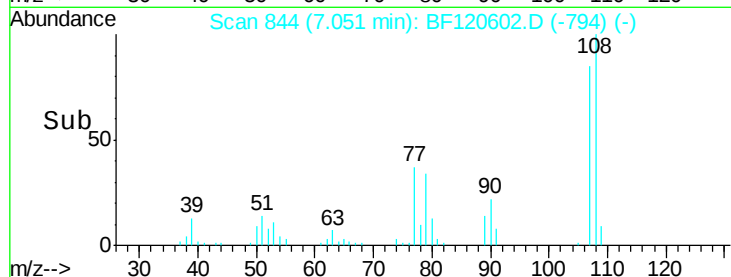


Abundance Ion 107.00 (106.70 to 107.70): E

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: 5.088 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

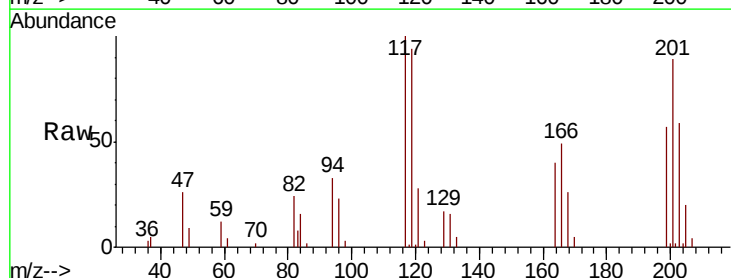
Tgt Ion:117 Resp: 18256

Ion Ratio Lower Upper

117 100

119 93.6 76.9 115.3

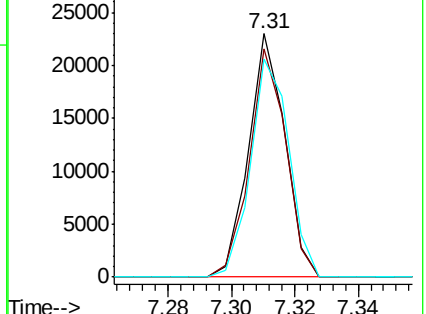
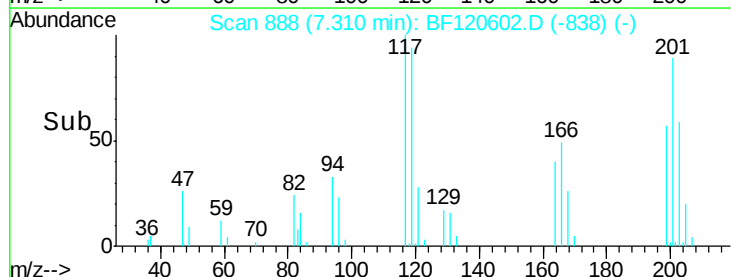
201 91.6 84.6 127.0

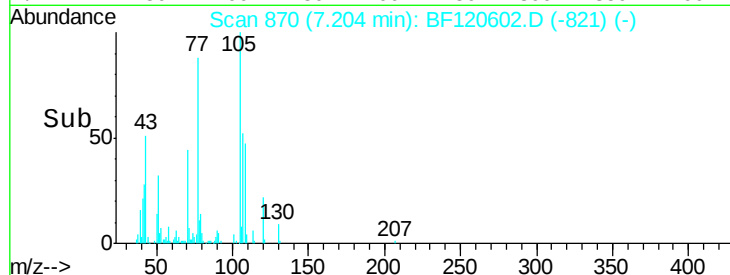
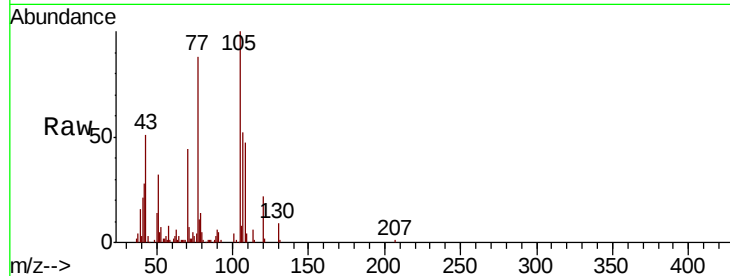
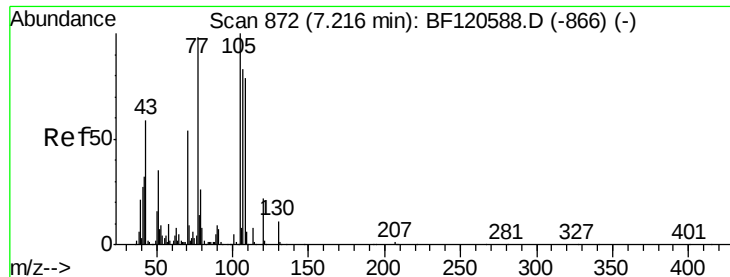


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

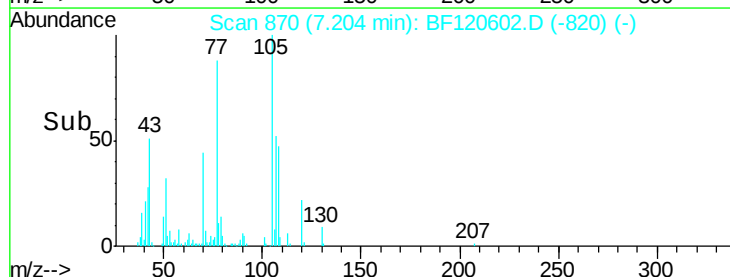
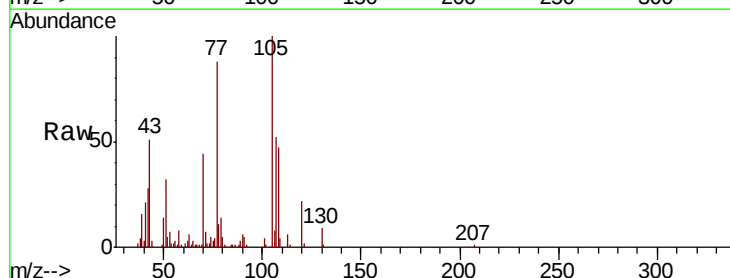
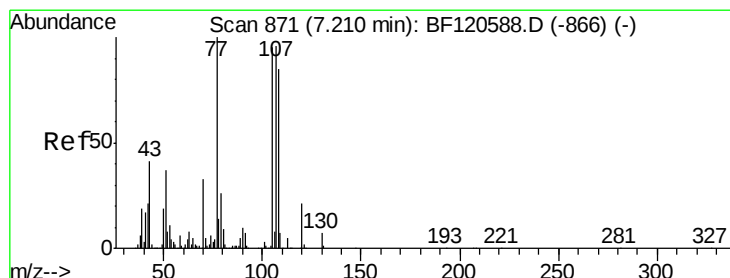
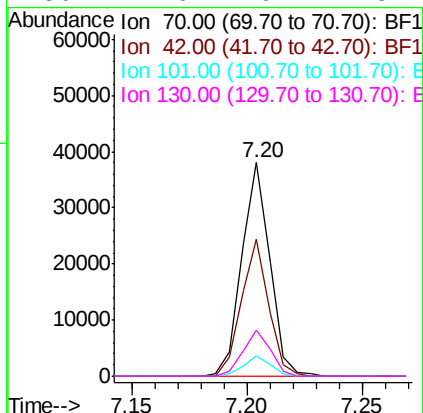




#19
n-Nitroso-di-n-propylamine
Concen: 5.442 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

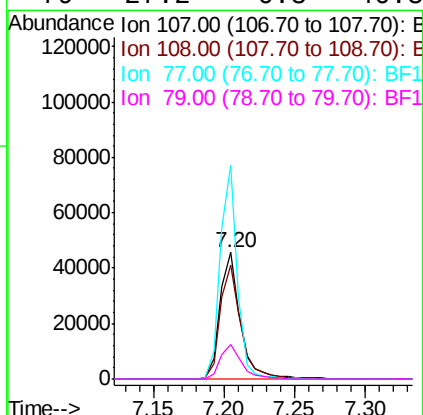
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:	70	Resp:	32298
Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.7	71.5
101	9.7	7.6	11.4
130	21.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 4.645 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:	107	Resp:	45957
Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.7	108.7
77	168.7	84.2	124.2#
79	27.2	6.8	46.8

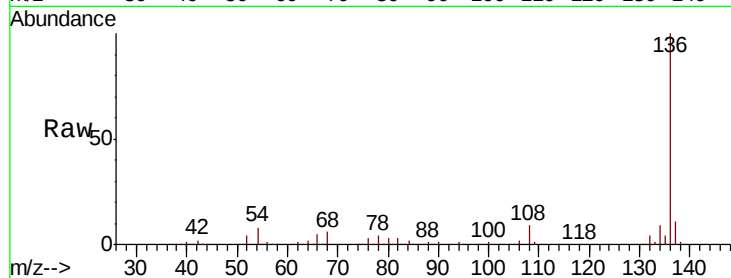




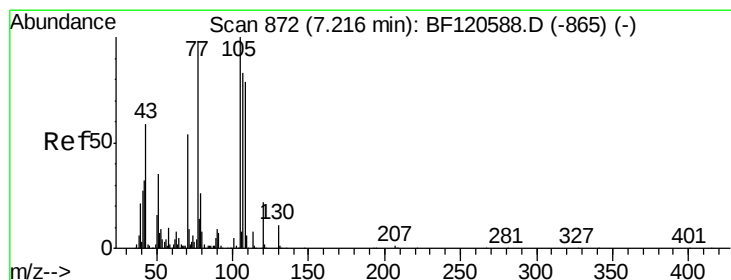
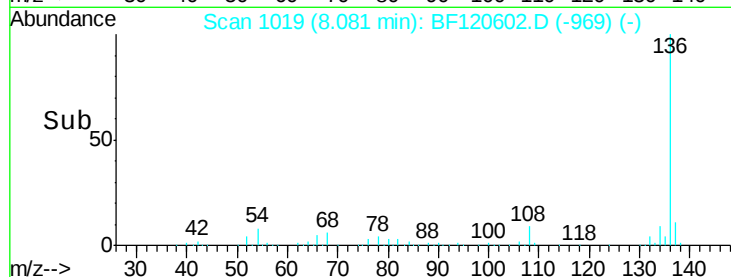
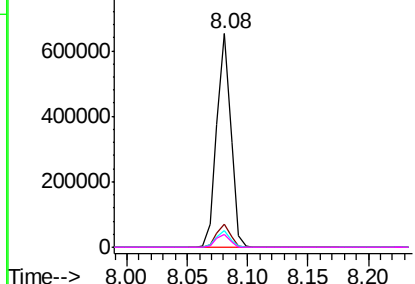
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:136	Resp:	518495
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	7.8	5.8 8.6
68	6.1	4.4 6.6

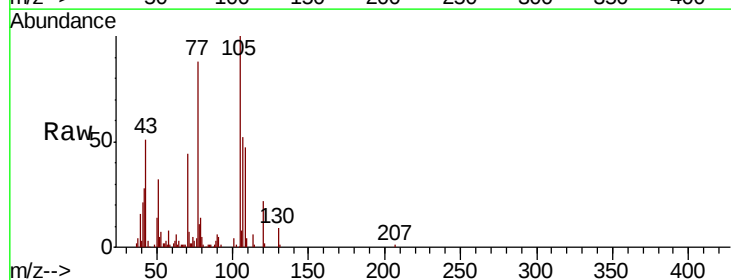


Abundance Ion 136.00 (135.70 to 136.70): E
1000000 Ion 137.00 (136.70 to 137.70): E
800000 Ion 54.00 (53.70 to 54.70): BF1
600000 Ion 68.00 (67.70 to 68.70): BF1
400000
200000
0

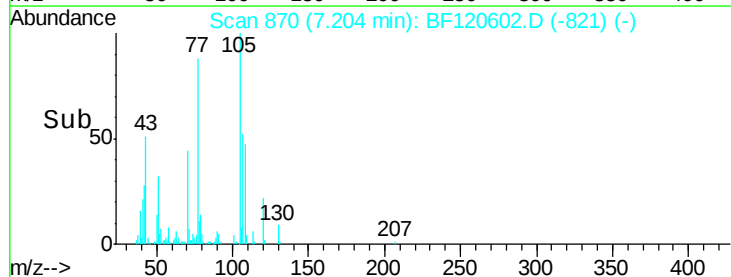
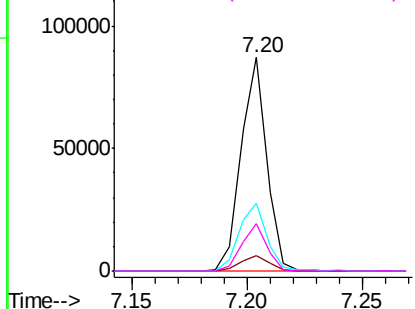


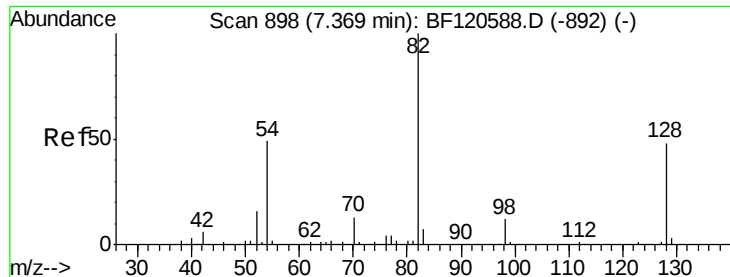
#22
Acetophenone
Concen: 5.827 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:105	Resp:	67549
Ion Ratio	Lower	Upper
105	100	
71	7.4	7.2 10.8
51	31.6	27.8 41.8
120	22.0	18.0 27.0



Abundance Ion 105.00 (104.70 to 105.70): E
100000 Ion 71.00 (70.70 to 71.70): BF1
50000 Ion 51.00 (50.70 to 51.70): BF1
0 Ion 120.00 (119.70 to 120.70): E

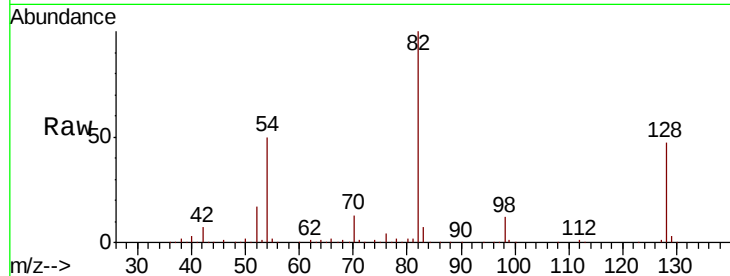




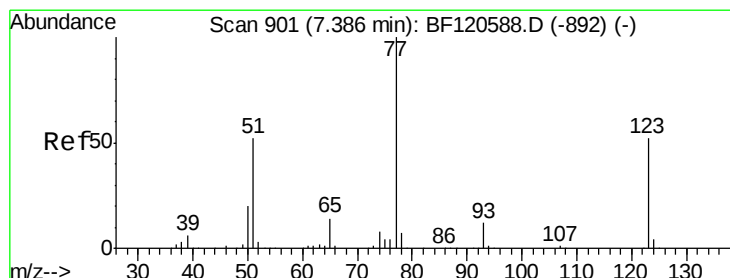
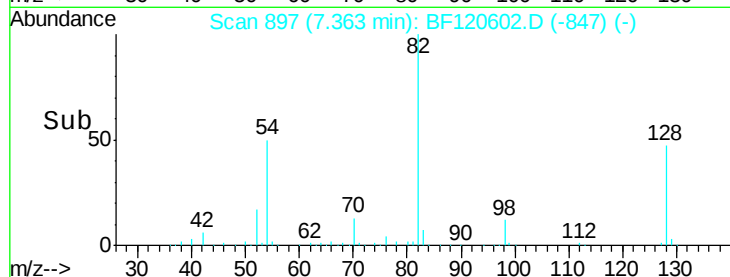
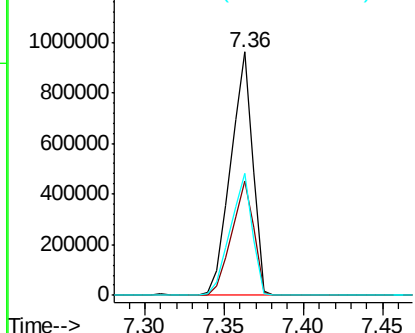
#23
Nitrobenzene-d5
Concen: 100.255 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion: 82 Resp: 929964
Ion Ratio Lower Upper
82 100
128 46.9 38.0 57.0
54 50.1 38.8 58.2

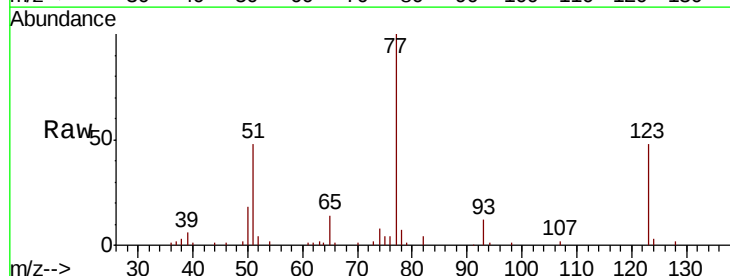


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

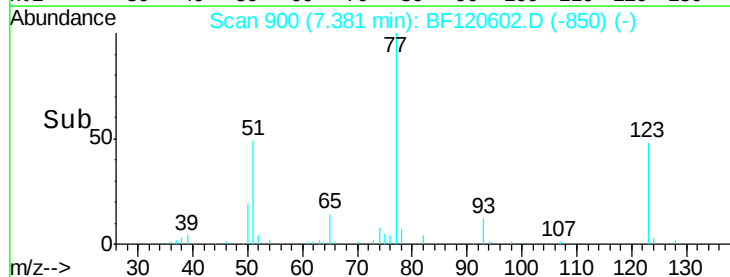
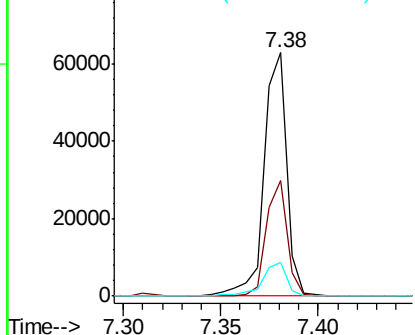


#24
Nitrobenzene
Concen: 5.200 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion: 77 Resp: 50472
Ion Ratio Lower Upper
77 100
123 47.7 41.4 62.0
65 13.6 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: 4.759 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

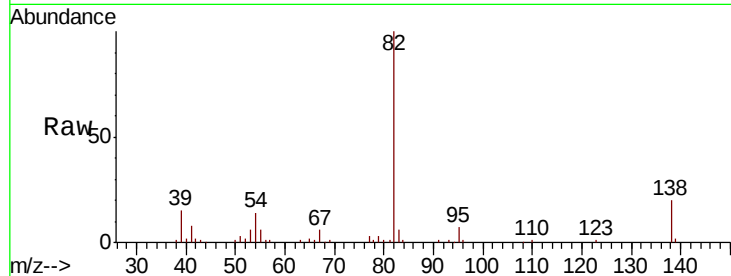
Tot Ion: 82 Resp: 85984

Ion Ratio Lower Upper

82 100

95 6.9 5.7 8.5

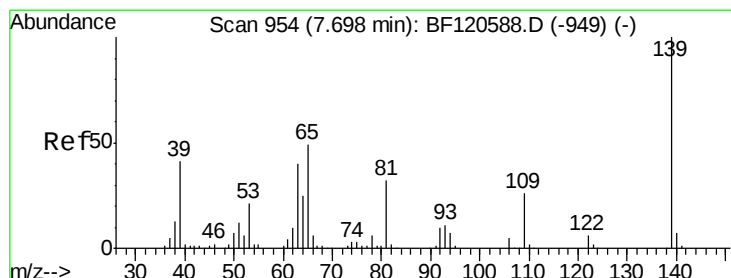
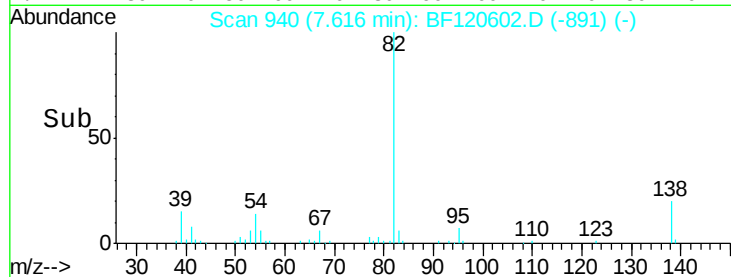
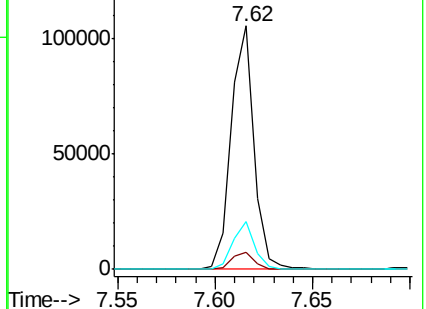
138 19.5 16.2 24.4



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: 4.128 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

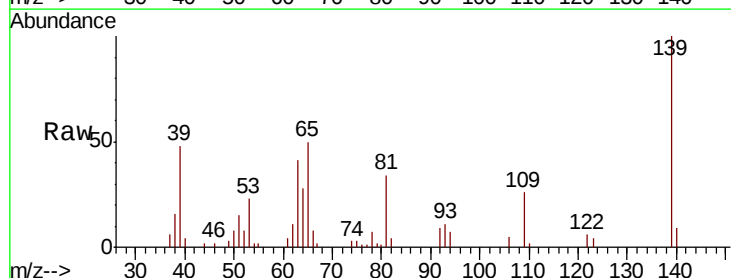
Tgt Ion: 139 Resp: 21198

Ion Ratio Lower Upper

139 100

109 26.2 21.1 31.7

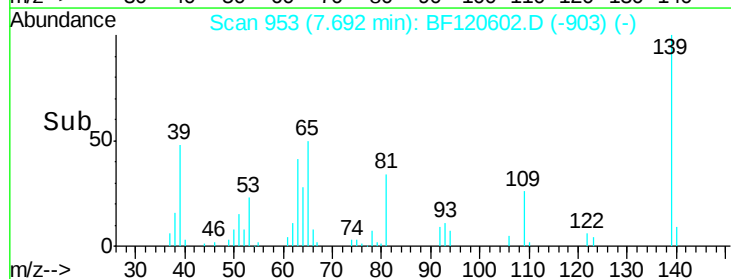
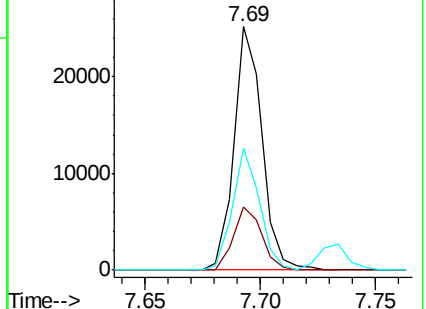
65 50.0 39.4 59.0

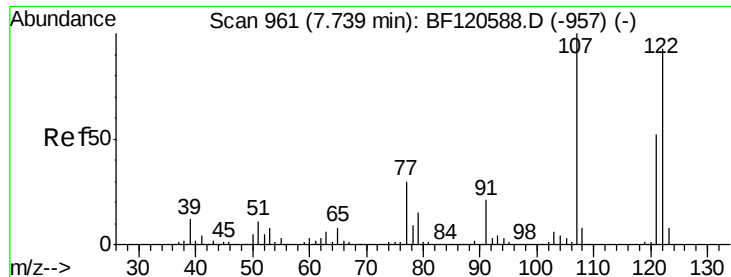


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

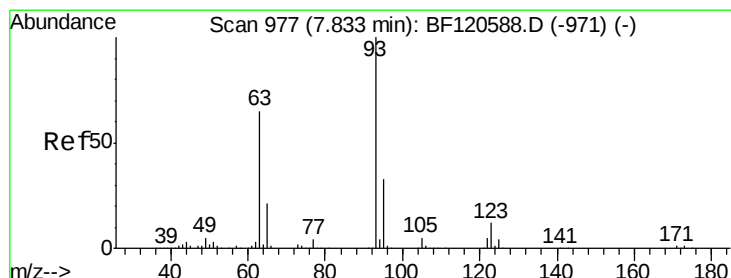
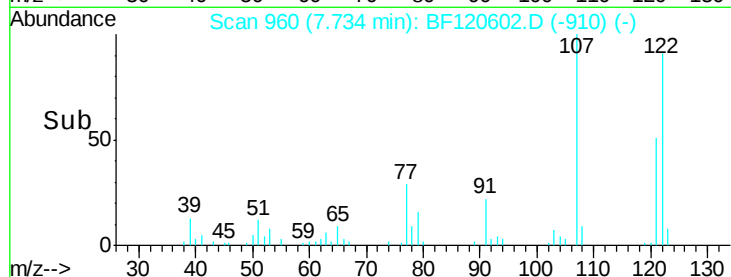
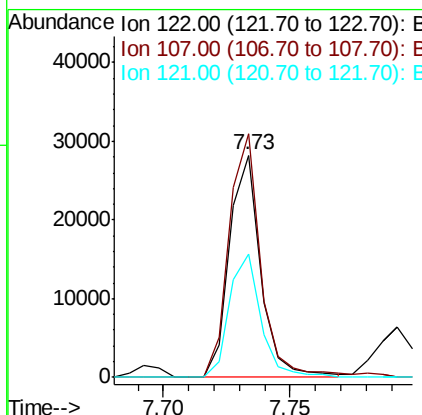
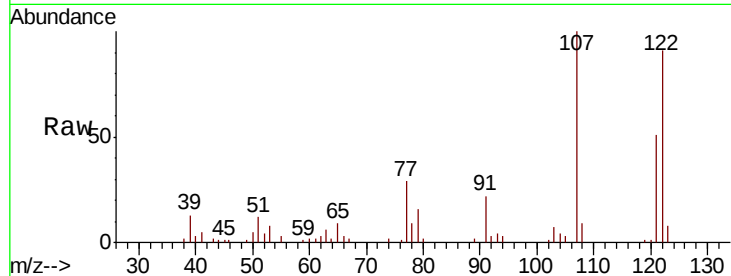




#27
 2,4-Dimethylphenol
 Concen: 3.204 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

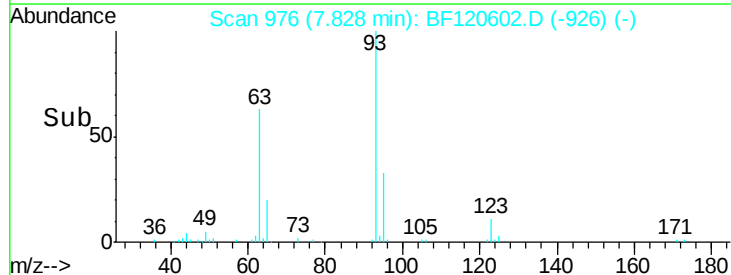
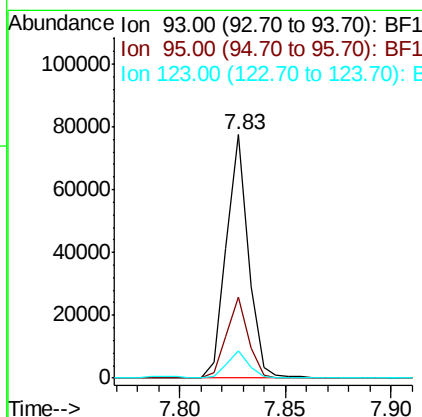
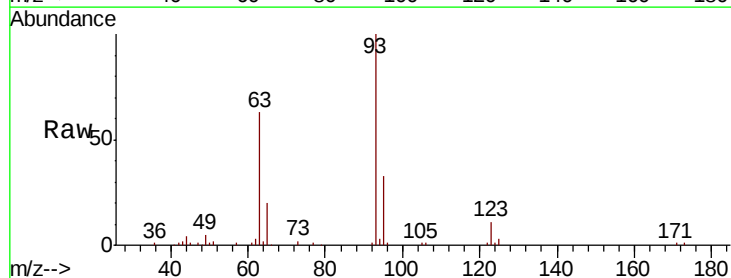
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

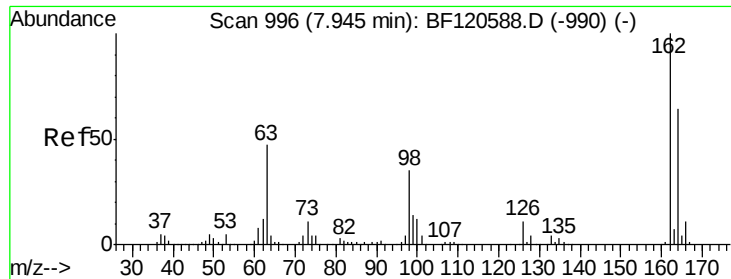
Tot Ion:122 Resp: 24227
 Ion Ratio Lower Upper
 122 100
 107 109.6 86.4 129.6
 121 55.7 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.319 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion: 93 Resp: 55707
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.2 39.4
 123 11.1 9.5 14.3

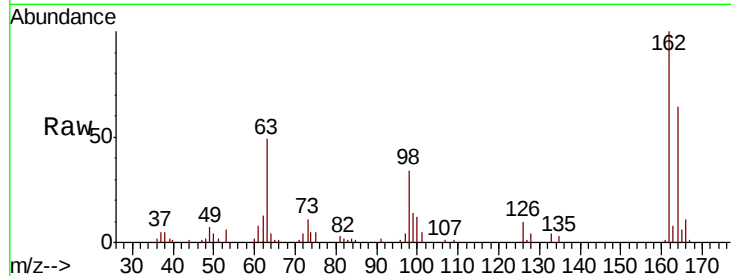




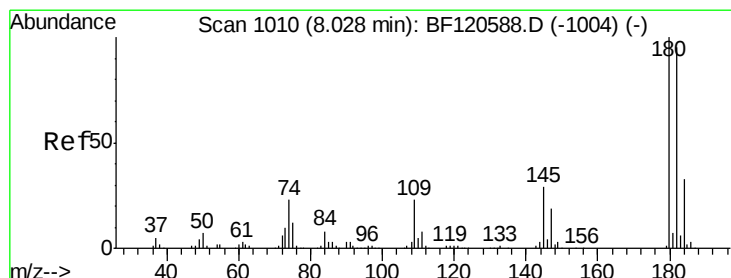
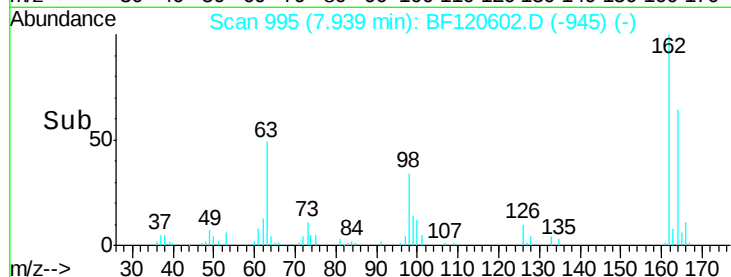
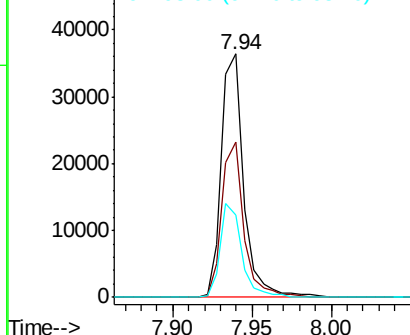
#29
 2,4-Dichlorophenol
 Concen: 4.644 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	33.6	14.7	54.7

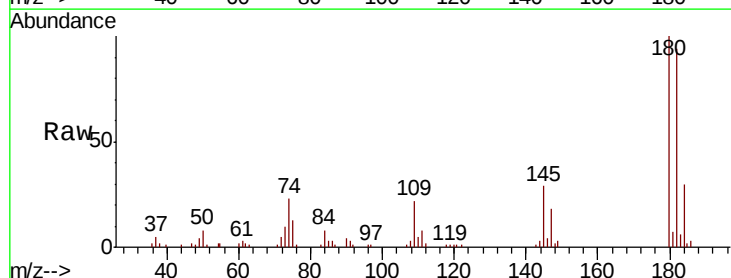


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

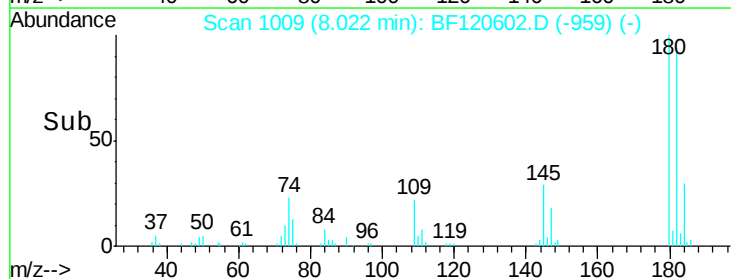
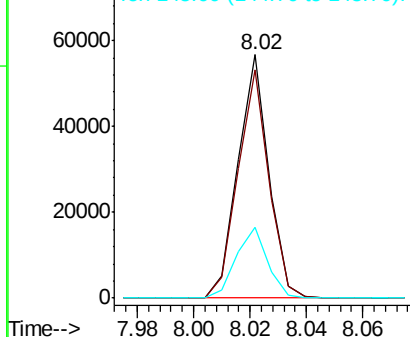


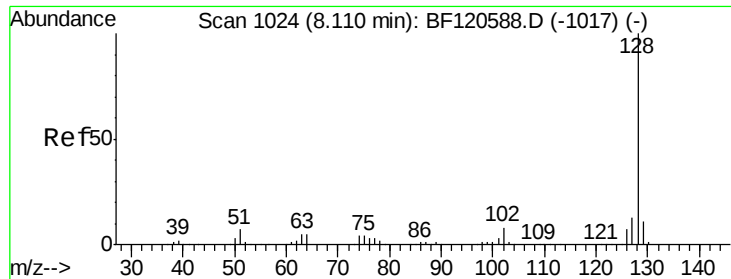
#30
 1,2,4-Trichlorobenzene
 Concen: 5.017 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.6	75.8	113.6
145	29.3	23.0	34.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

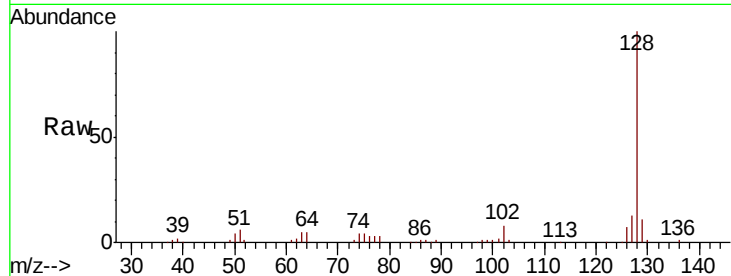




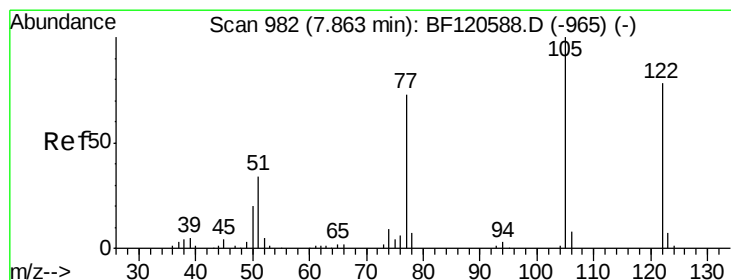
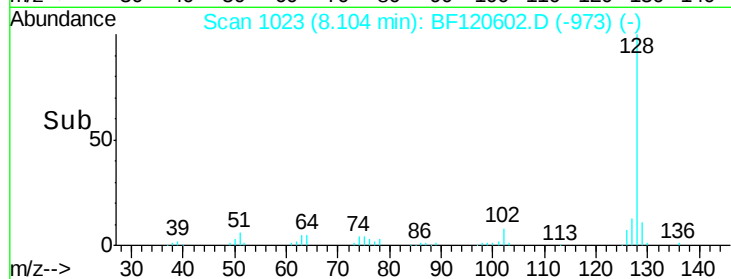
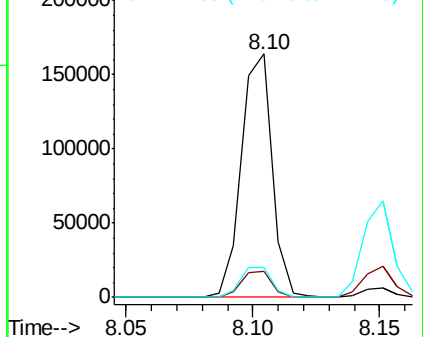
#31
Naphthalene
Concen: 5.455 ng
RT: 8.10 min Scan# 1023
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:128 Resp: 138873
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.5 10.6 15.8

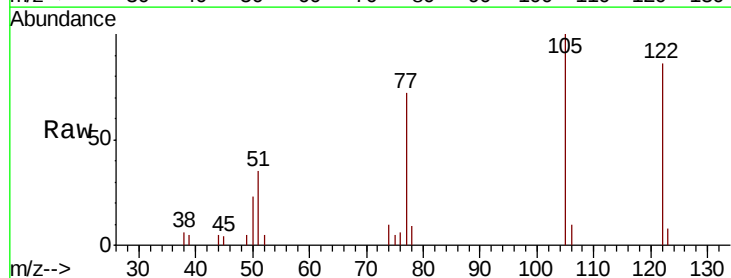


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

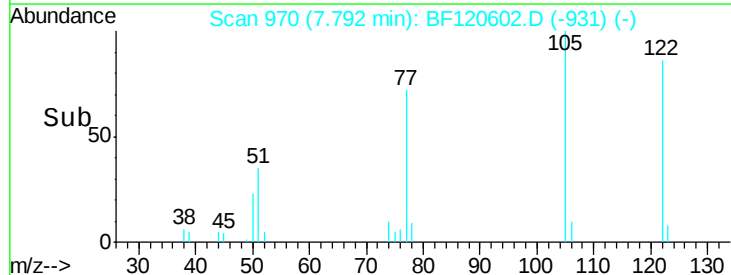
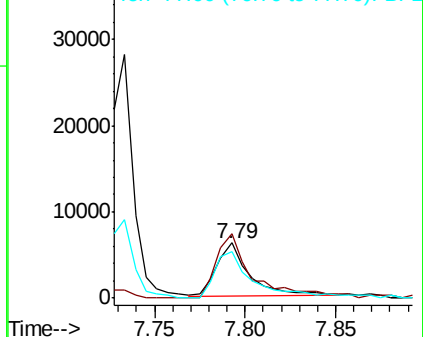


#32
Benzoic acid
Concen: 1.345 ng
RT: 7.79 min Scan# 970
Delta R.T. -0.07 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:122 Resp: 7803
Ion Ratio Lower Upper
122 100
105 116.7 101.0 141.0
77 84.3 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

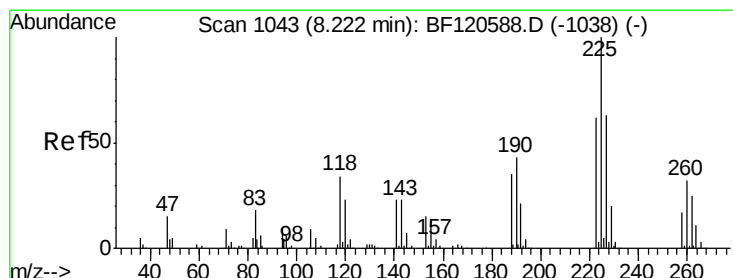
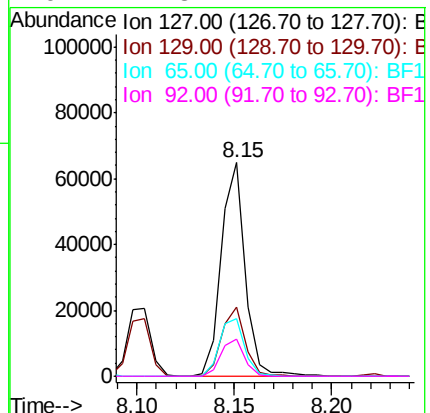
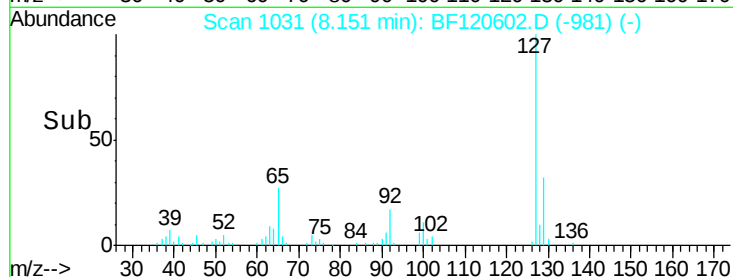
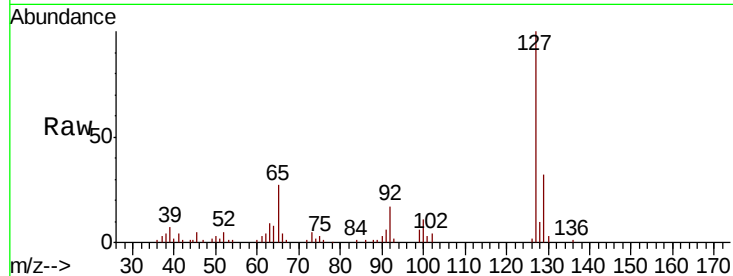




#33
4-Chloroaniline
Concen: 4.703 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

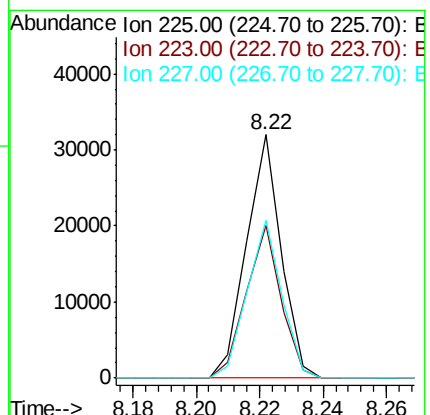
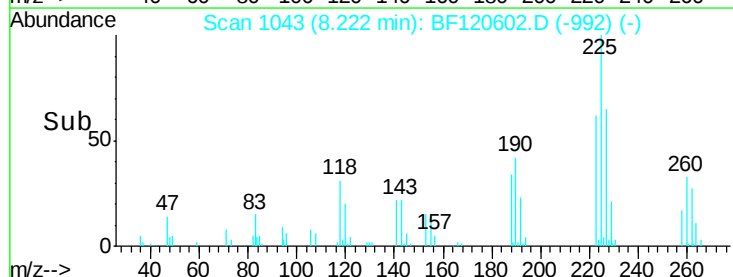
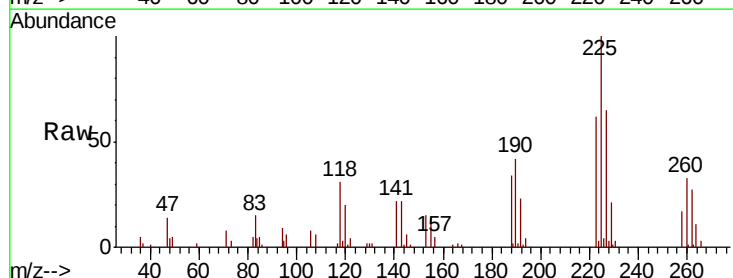
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion:127	Resp:	54959
Ion Ratio	Lower	Upper
127	100	
129	32.1	25.9 38.9
65	26.8	22.2 33.4
92	17.3	14.2 21.2



#34
Hexachlorobutadiene
Concen: 4.889 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:225	Resp:	24276
Ion Ratio	Lower	Upper
225	100	
223	62.5	49.9 74.9
227	64.9	50.5 75.7

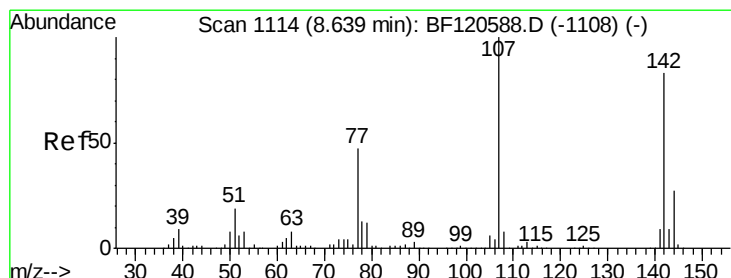
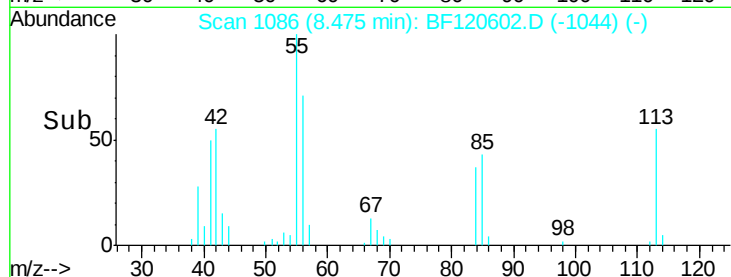
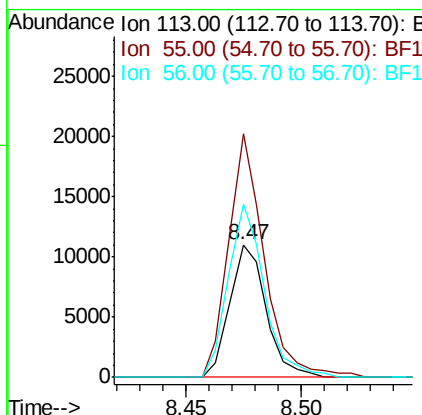
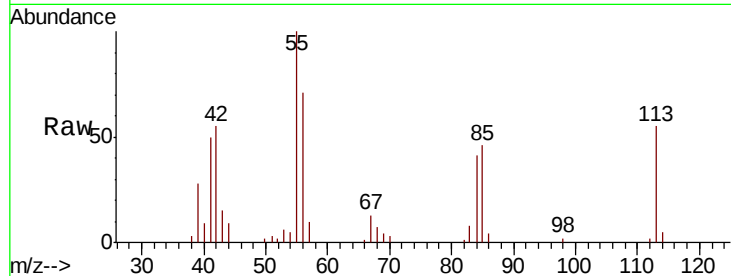




#35
Caprolactam
Concen: 4.897 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

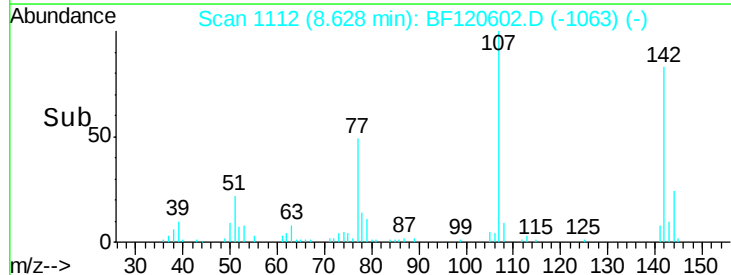
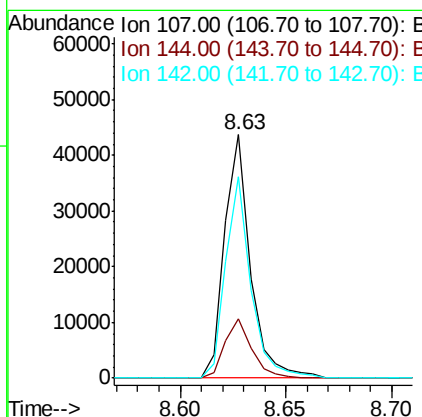
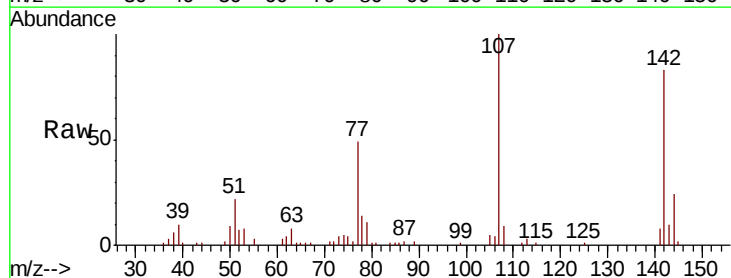
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

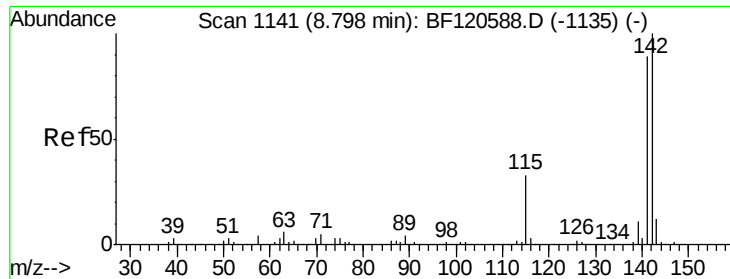
Tot Ion:113 Resp: 12039
Ion Ratio Lower Upper
113 100
55 183.3 133.1 173.1#
56 130.9 98.4 138.4



#36
4-Chloro-3-methylphenol
Concen: 4.812 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:107 Resp: 36949
Ion Ratio Lower Upper
107 100
144 24.2 21.4 32.2
142 82.9 66.3 99.5

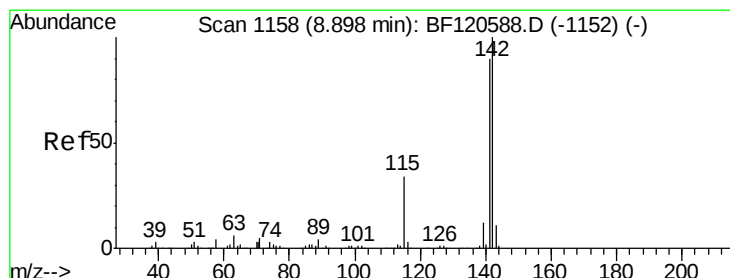
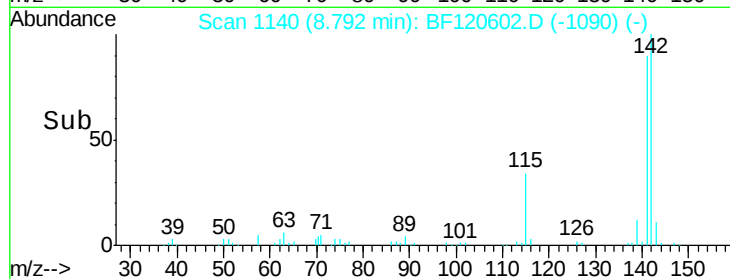
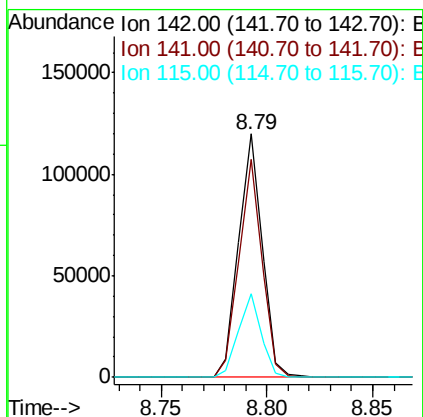
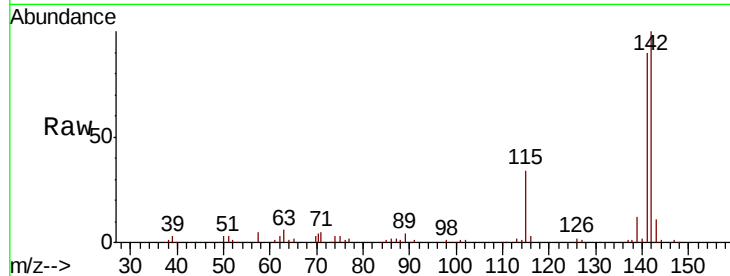




#37
2-Methylnaphthalene
Concen: 5.577 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

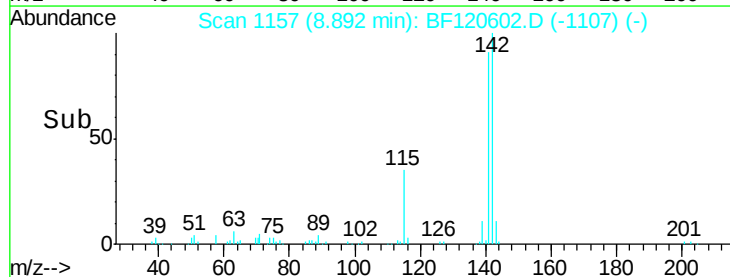
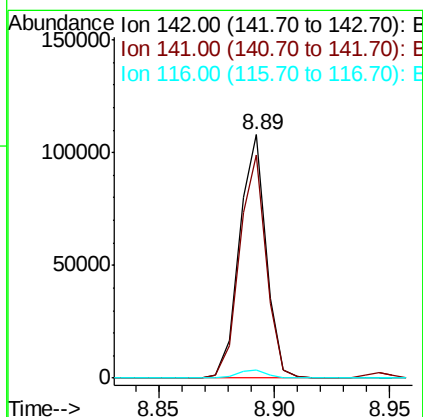
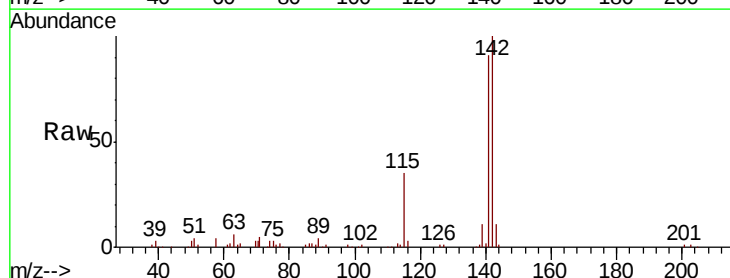
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

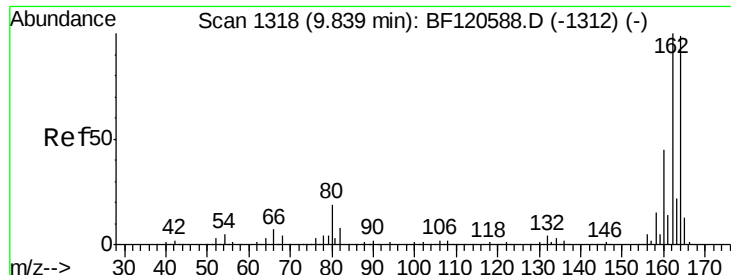
Tot Ion:142 Resp: 92691
Ion Ratio Lower Upper
142 100
141 89.7 71.4 107.0
115 34.4 26.1 39.1



#38
1-Methylnaphthalene
Concen: 5.547 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:142 Resp: 86755
Ion Ratio Lower Upper
142 100
141 91.4 72.1 108.1
116 3.2 2.7 4.1

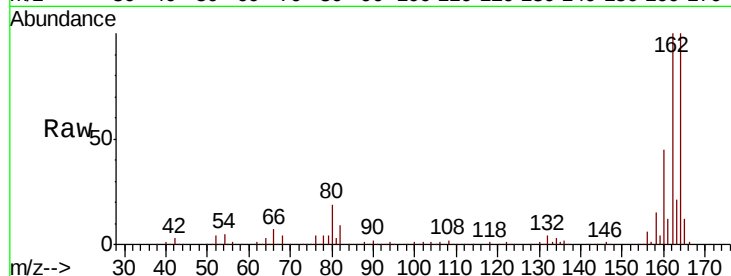




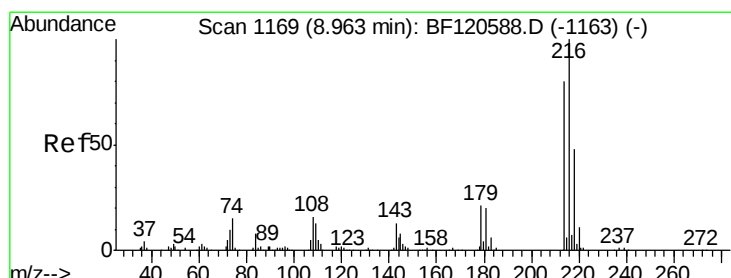
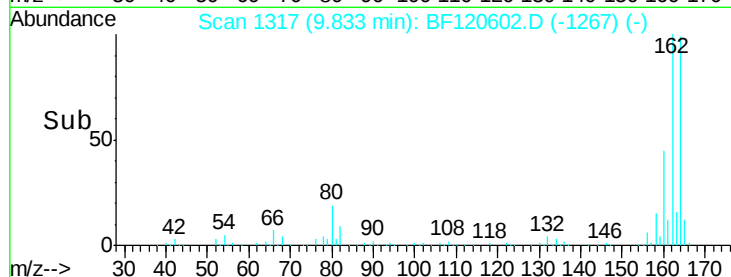
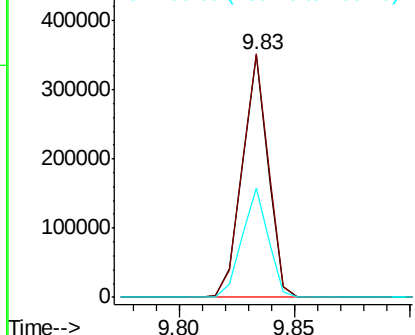
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:164 Resp: 274306
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 45.1 36.2 54.2

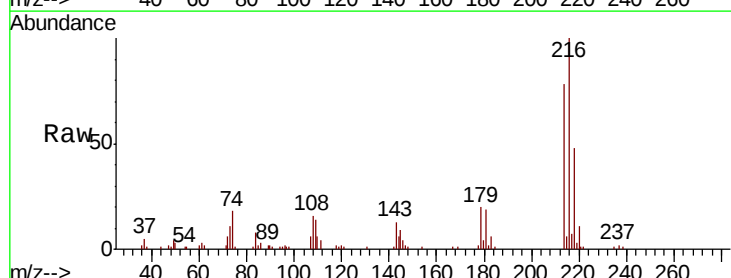


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

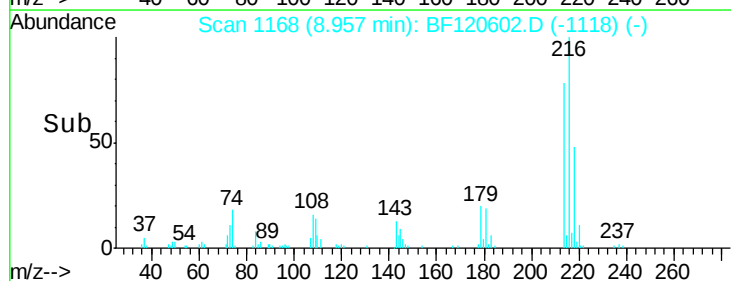
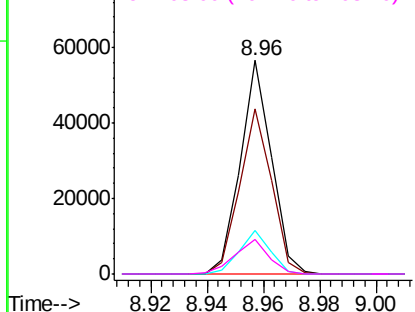


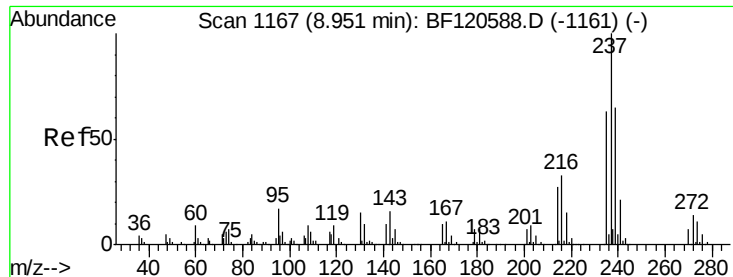
#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.287 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:216 Resp: 43305
Ion Ratio Lower Upper
216 100
214 78.9 63.8 95.6
179 20.2 16.4 24.6
108 17.7 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: 3.210 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

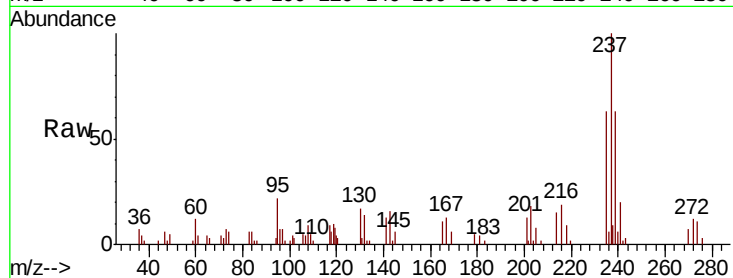
Tot Ion:237 Resp: 14734

Ion Ratio Lower Upper

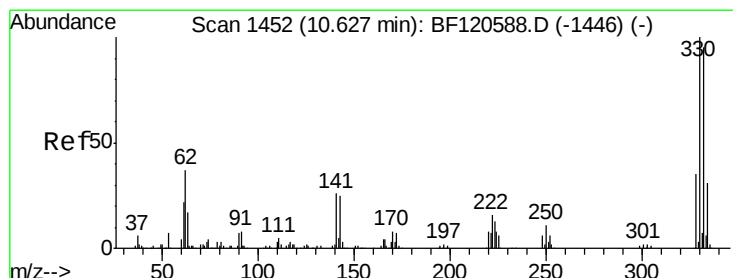
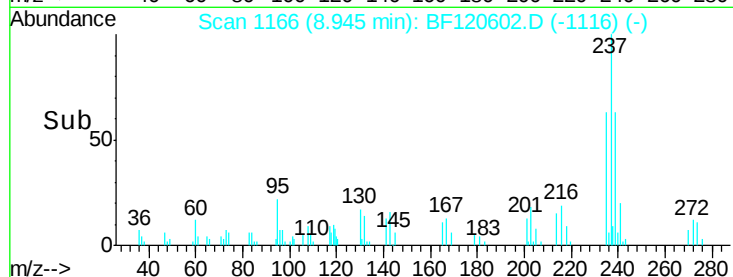
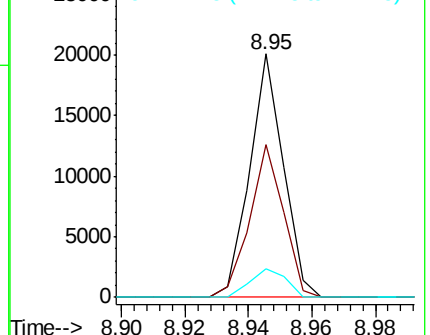
237 100

235 62.7 43.2 83.2

272 12.0 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: 142.671 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

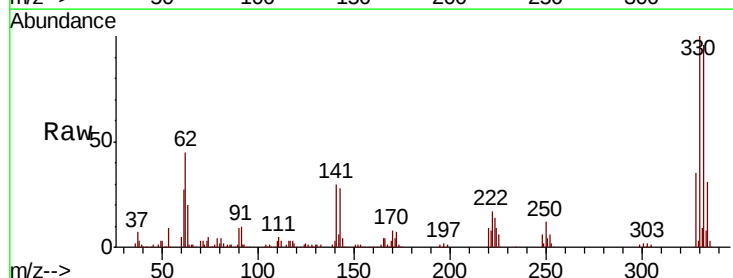
Tgt Ion:330 Resp: 455004

Ion Ratio Lower Upper

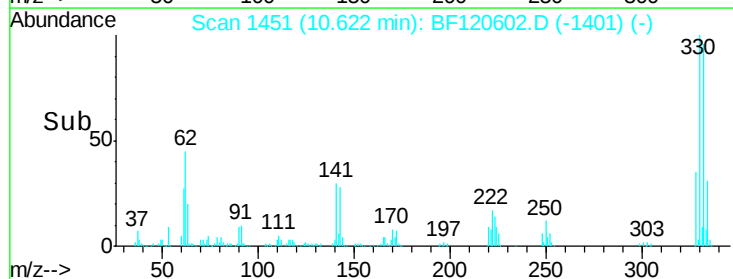
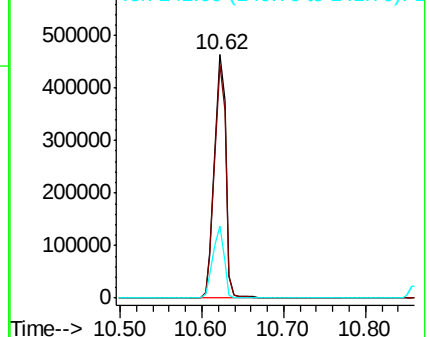
330 100

332 95.3 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

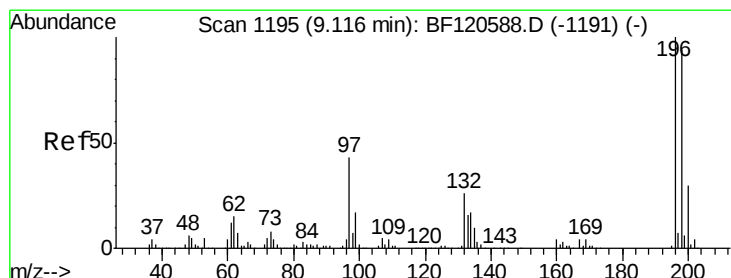
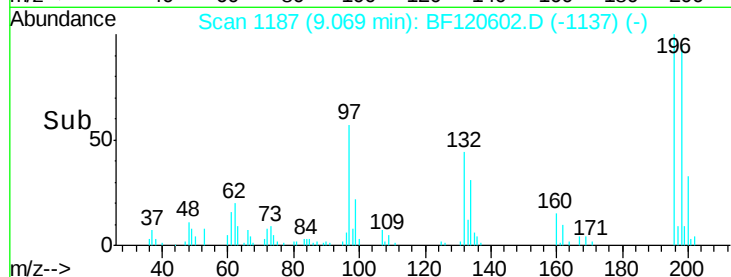
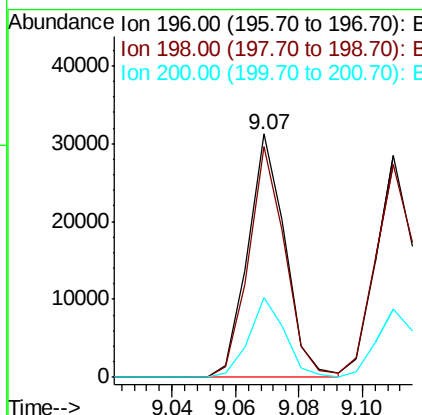
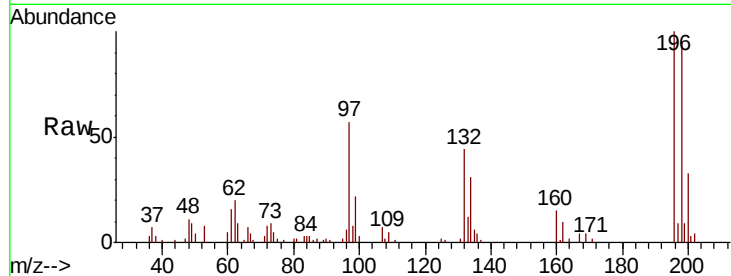




#43
 2,4,6-Trichlorophenol
 Concen: 4.393 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

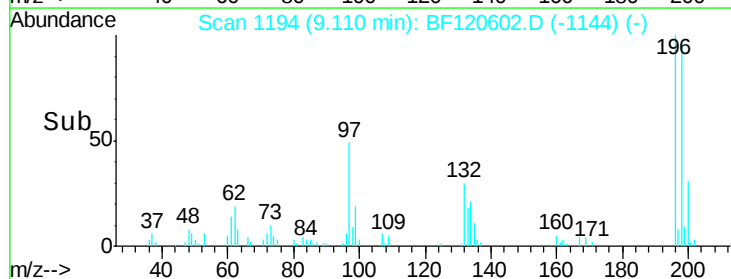
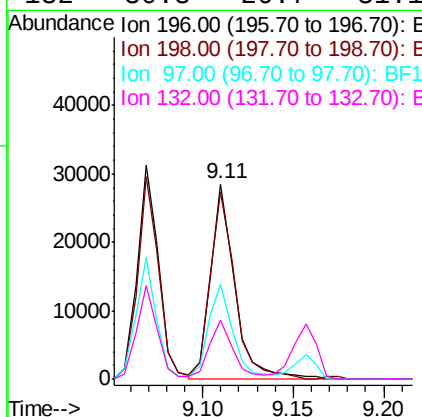
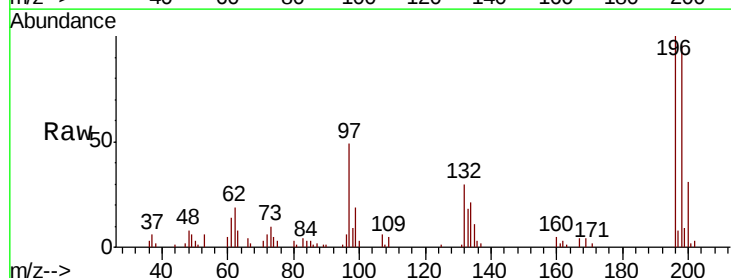
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

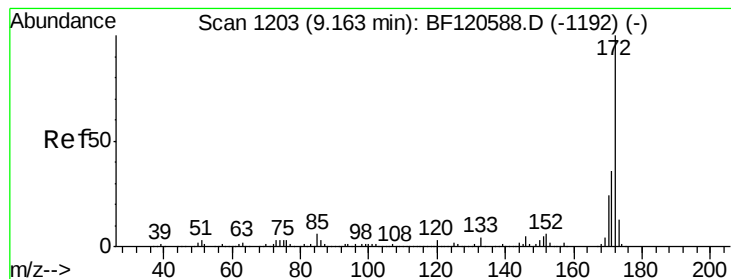
Tot Ion:196 Resp: 25521
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.2
 200 32.6 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 4.012 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:196 Resp: 26444
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.5 113.3
 97 49.0 34.4 51.6
 132 30.3 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 94.653 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

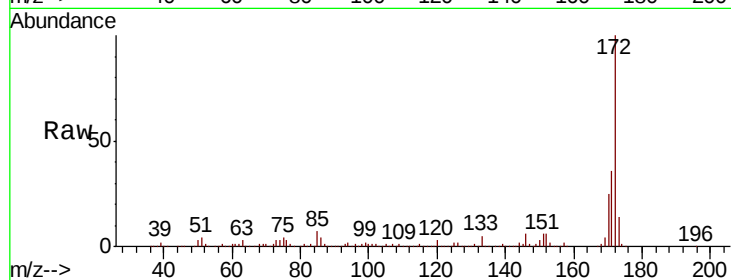
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:172 Resp: 1696997

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	19.4	29.2

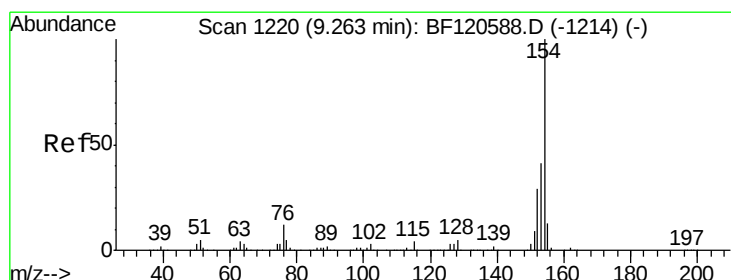
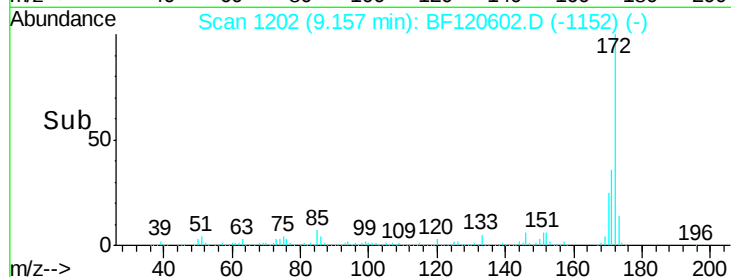
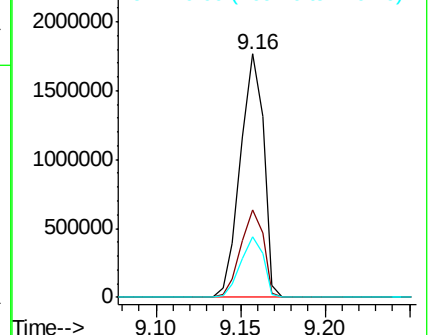


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 5.798 ng

RT: 9.26 min Scan# 1219

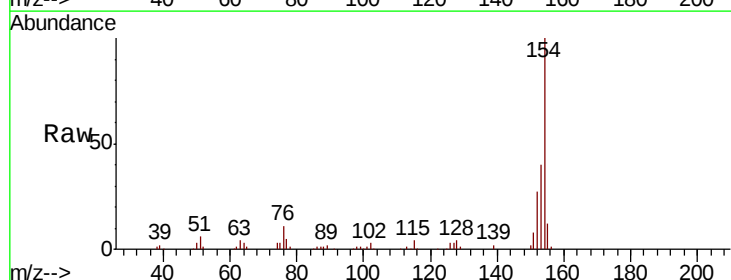
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:154 Resp: 118756

Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.4	61.4
76	11.3	0.0	31.6

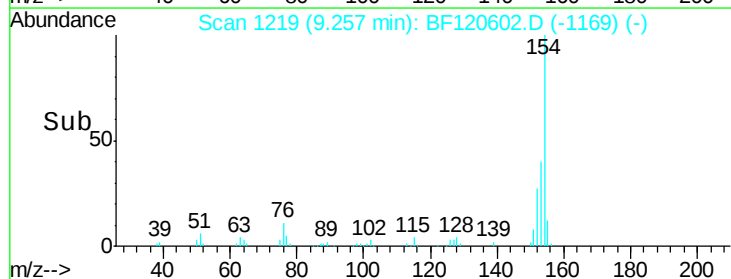
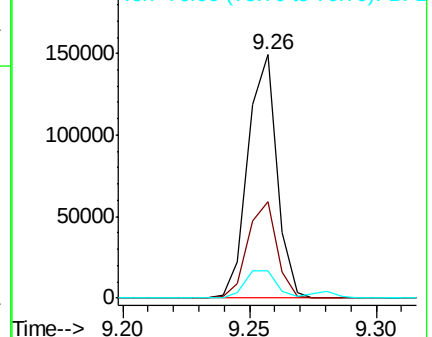


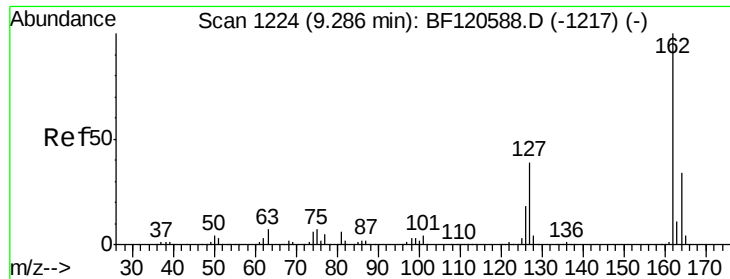
Abundance

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

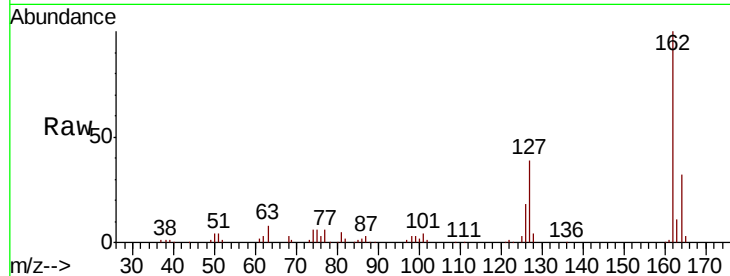




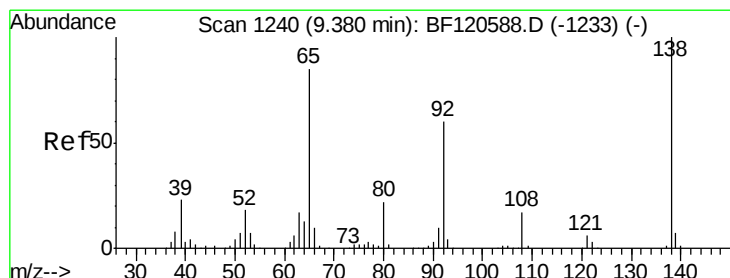
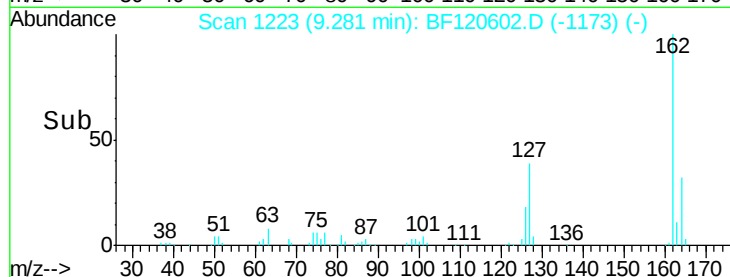
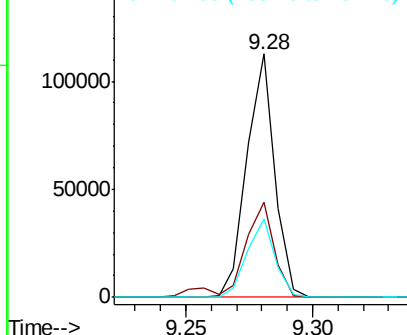
#47
2-Chloronaphthalene
Concen: 5.144 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:162 Resp: 86165
Ion Ratio Lower Upper
162 100
127 38.9 31.3 46.9
164 32.3 26.9 40.3

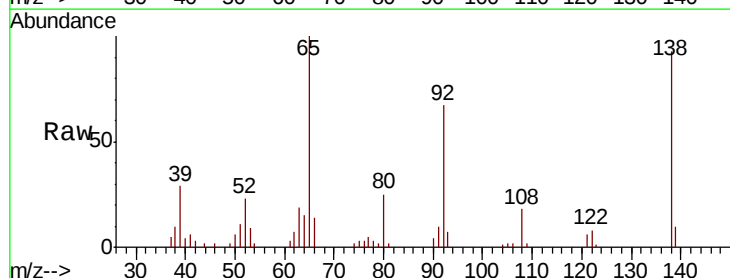


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

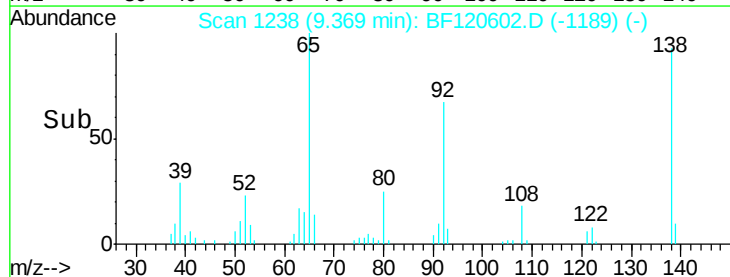
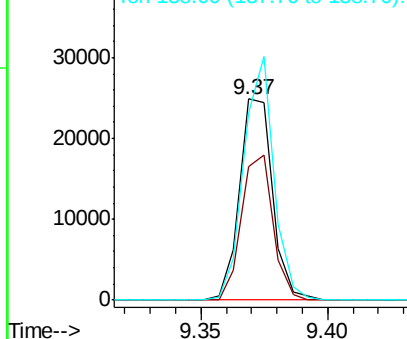


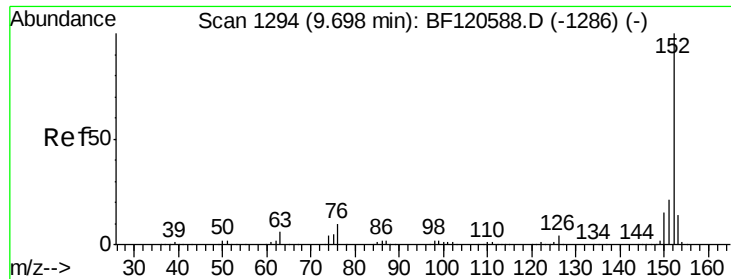
#48
2-Nitroaniline
Concen: 4.305 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion: 65 Resp: 22646
Ion Ratio Lower Upper
65 100
92 66.5 56.0 84.0
138 93.2 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: 5.385 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

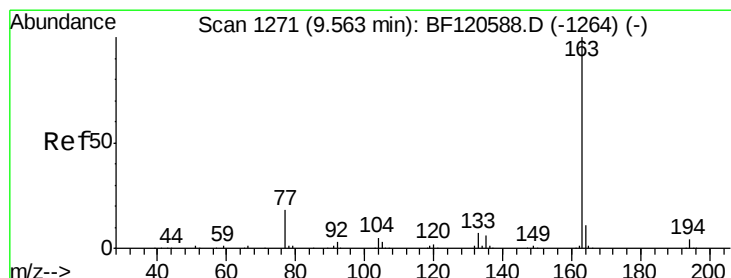
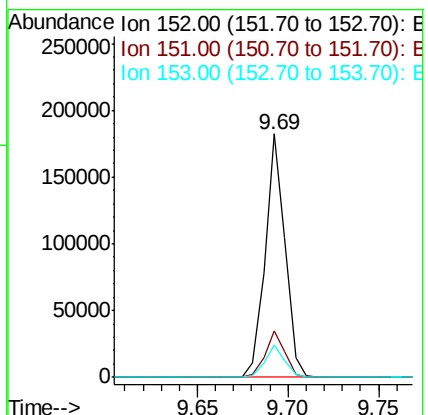
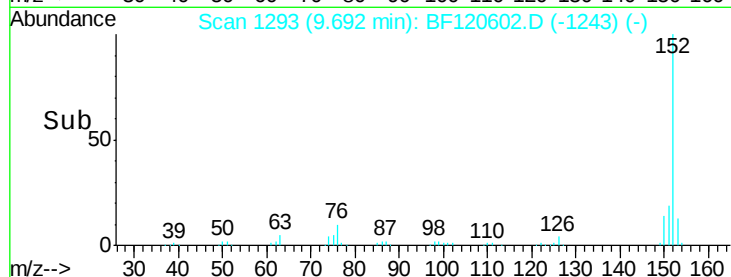
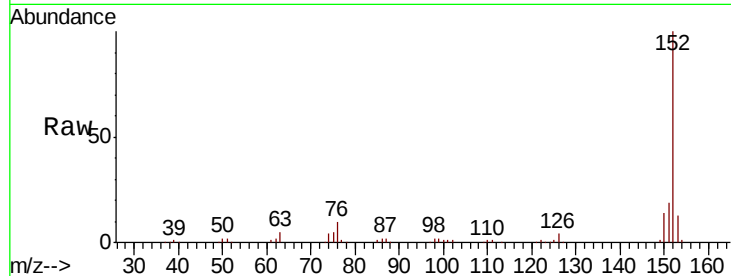
Tot Ion:152 Resp: 139208

Ion Ratio Lower Upper

152 100

151 19.3 16.6 25.0

153 13.3 11.0 16.6



#50

Dimethylphthalate

Concen: 4.934 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

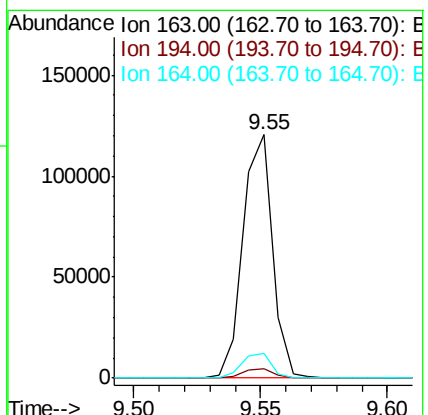
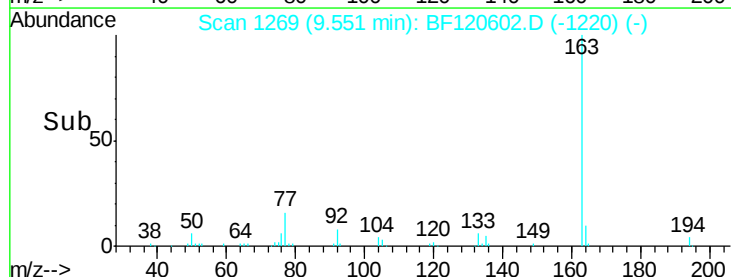
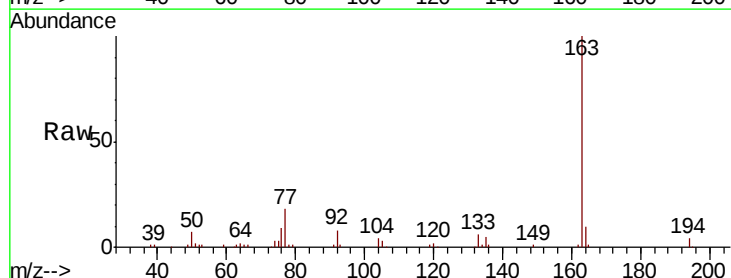
Tgt Ion:163 Resp: 97466

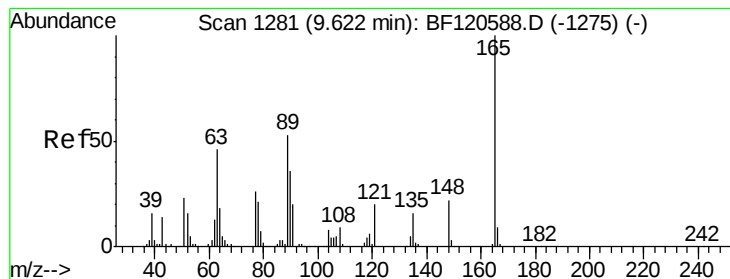
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 9.9 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 4.372 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

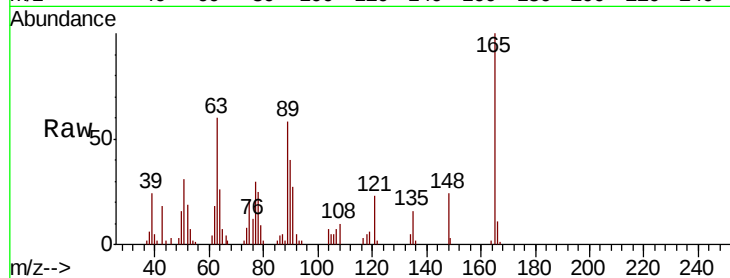
Tot Ion:165 Resp: 19575

Ion Ratio Lower Upper

165 100

63 60.1 41.7 62.5

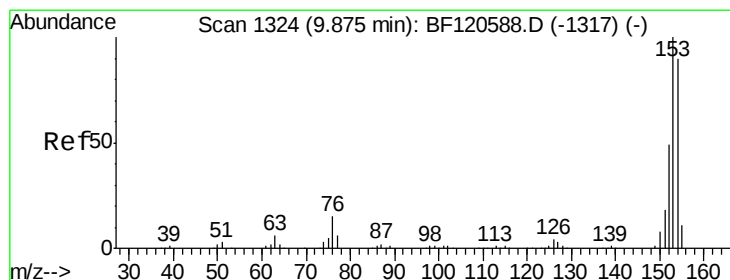
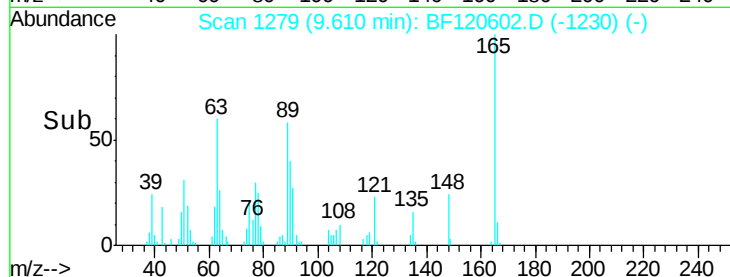
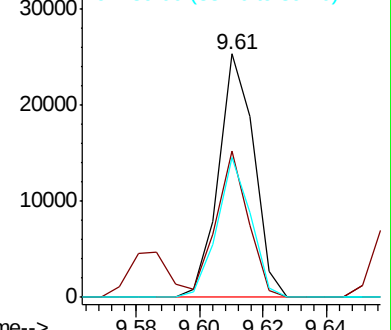
89 57.6 42.6 64.0



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



#52

Acenaphthene

Concen: 5.305 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

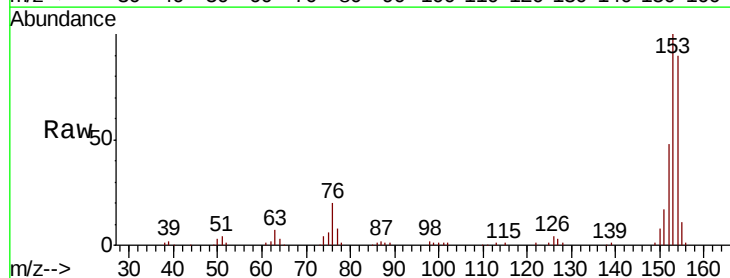
Tgt Ion:154 Resp: 81790

Ion Ratio Lower Upper

154 100

153 111.2 89.1 133.7

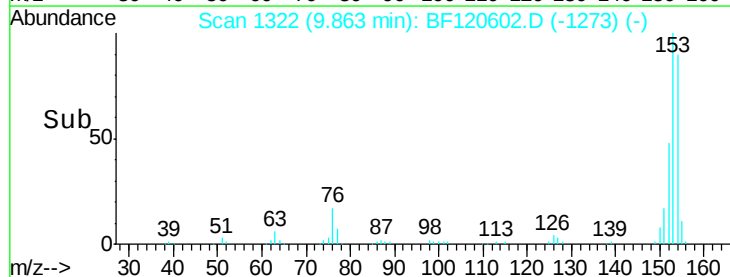
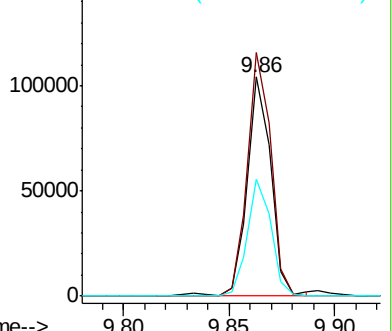
152 53.1 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

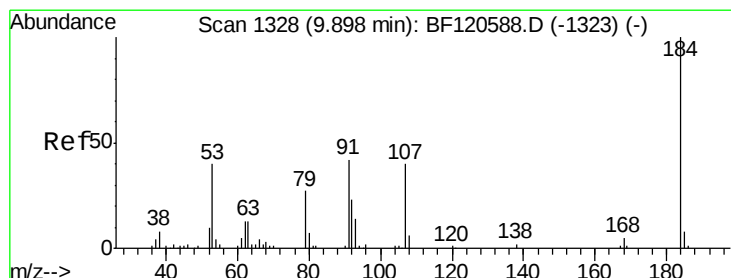
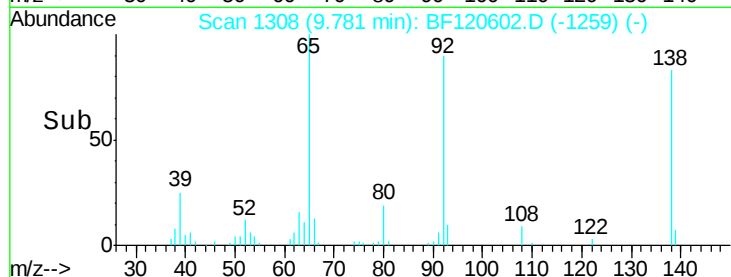
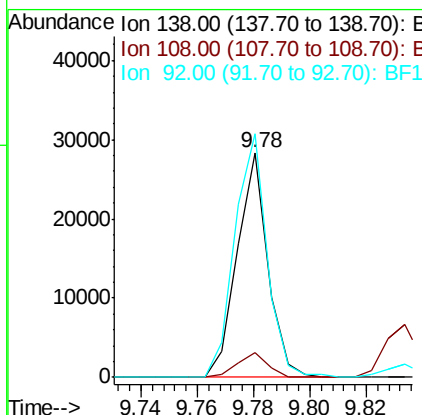
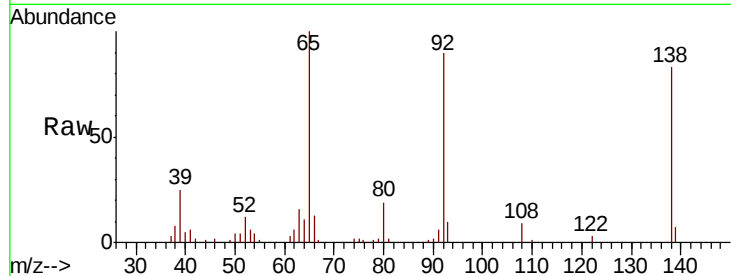




#53
3-Nitroaniline
Concen: 3.975 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

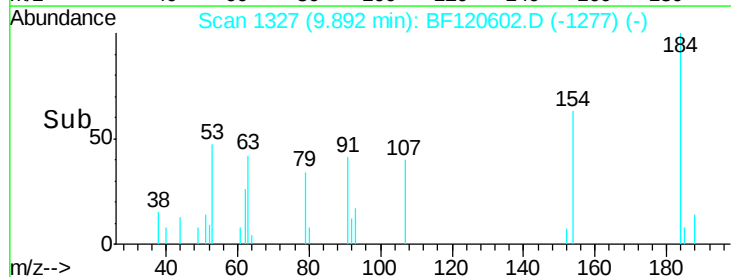
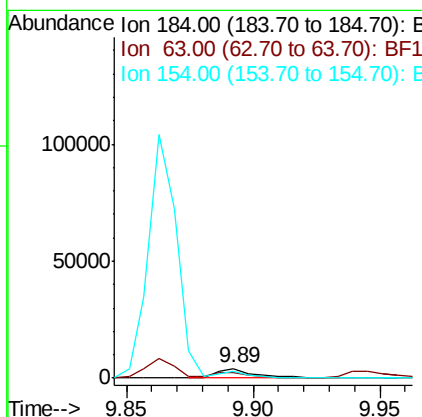
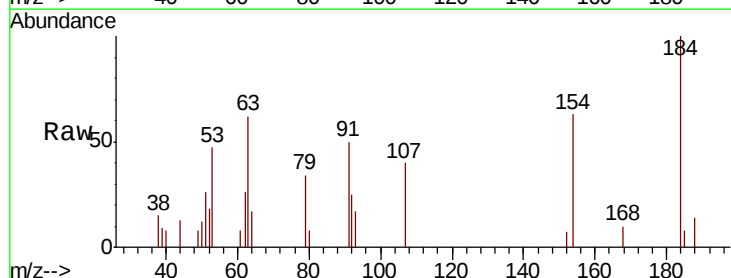
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

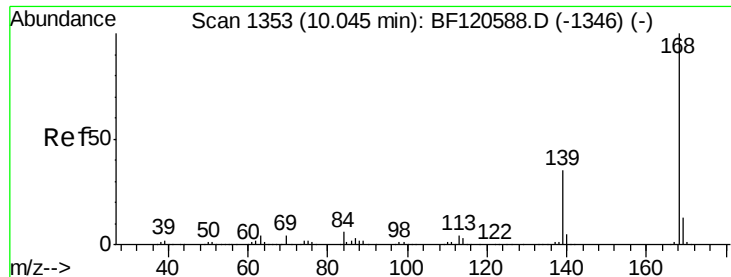
Tot Ion:138 Resp: 21377
Ion Ratio Lower Upper
138 100
108 11.1 8.0 12.0
92 108.3 86.0 129.0



#54
2,4-Dinitrophenol
Concen: 1.719 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:184 Resp: 4126
Ion Ratio Lower Upper
184 100
63 62.4 44.2 66.2
154 62.6 45.9 68.9

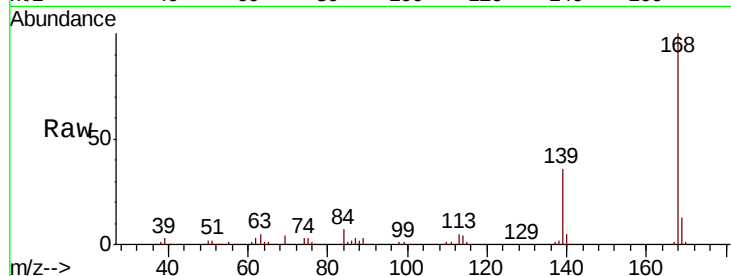




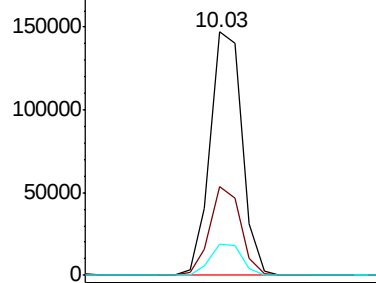
#55
Dibenzenofuran
Concen: 5.468 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

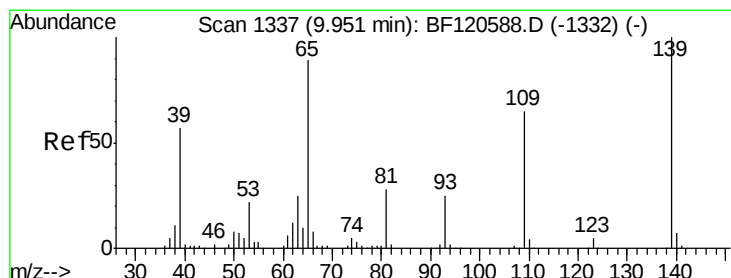
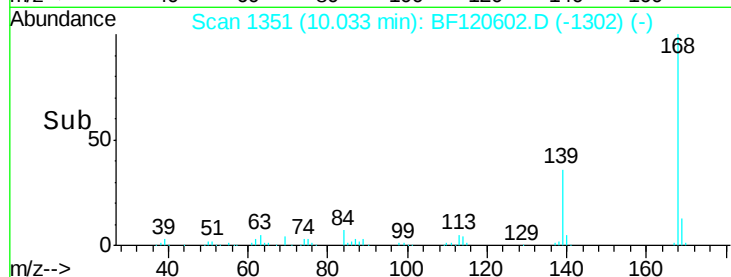
Tot Ion:168 Resp: 129269
Ion Ratio Lower Upper
168 100
139 36.2 28.1 42.1
169 13.0 10.6 16.0



Abundance Ion 168.00 (167.70 to 168.70): E
200000 Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

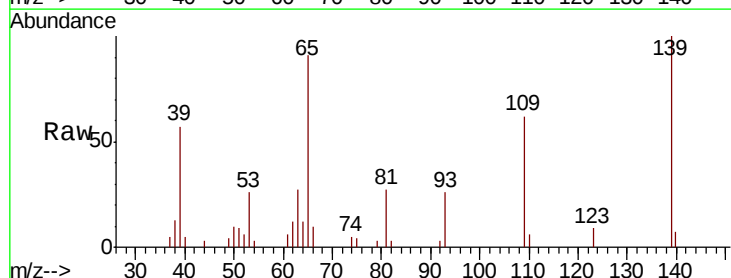


Time-->

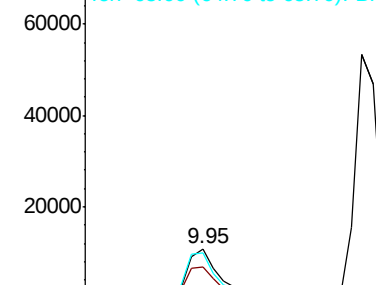


#56
4-Nitrophenol
Concen: 3.451 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

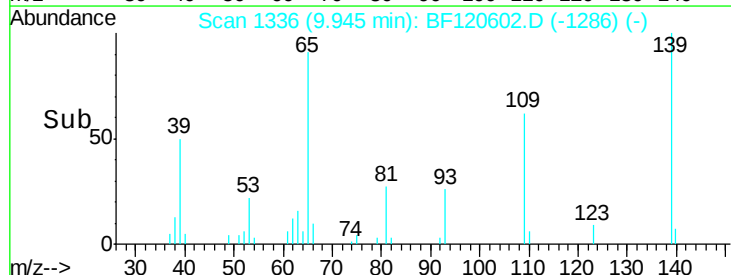
Tgt Ion:139 Resp: 13976
Ion Ratio Lower Upper
139 100
109 62.3 44.6 84.6
65 91.3 69.2 109.2

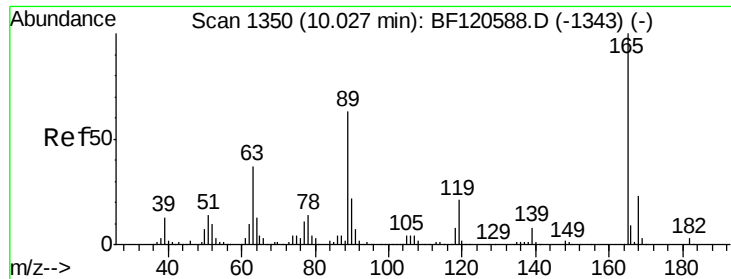


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1



Time-->

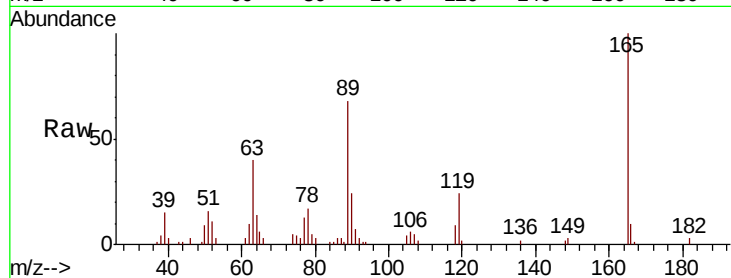




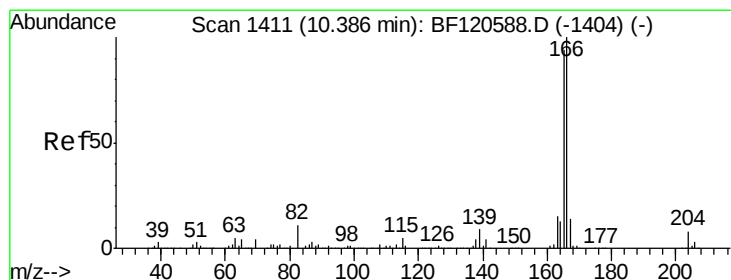
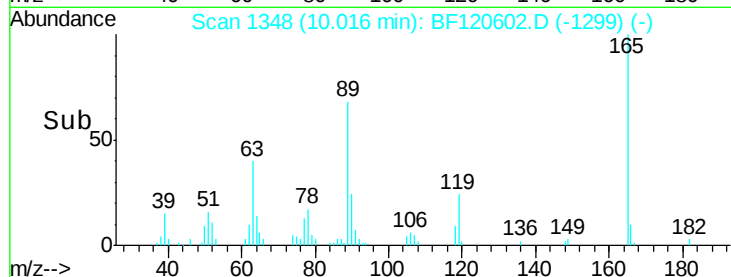
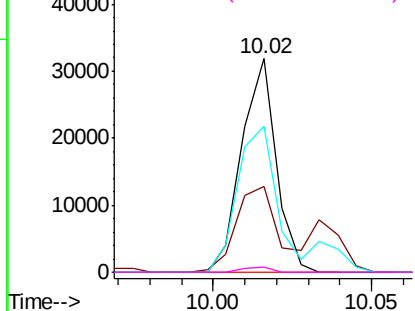
#57
2,4-Dinitrotoluene
Concen: 4.052 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:165 Resp: 24075
Ion Ratio Lower Upper
165 100
63 40.0 29.8 44.8
89 68.0 50.4 75.6
182 2.5 2.1 3.1

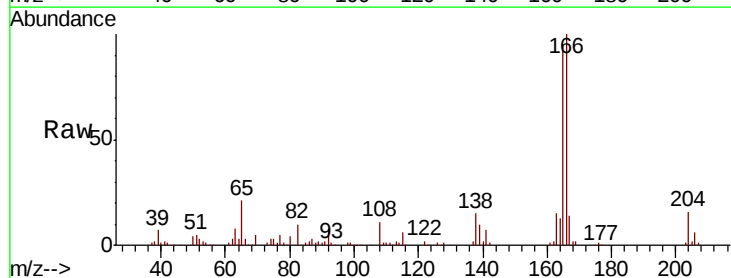


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

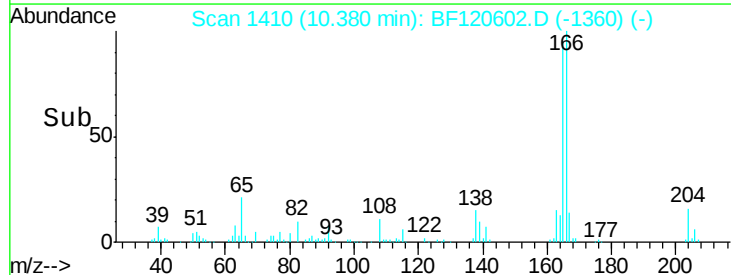
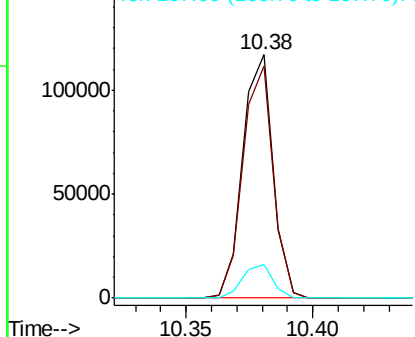


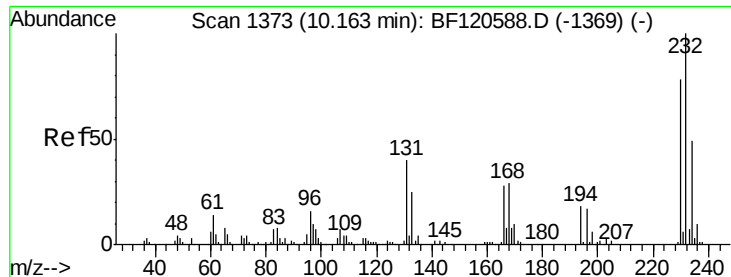
#58
Fluorene
Concen: 5.336 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:166 Resp: 97236
Ion Ratio Lower Upper
166 100
165 95.1 75.0 112.6
167 13.8 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

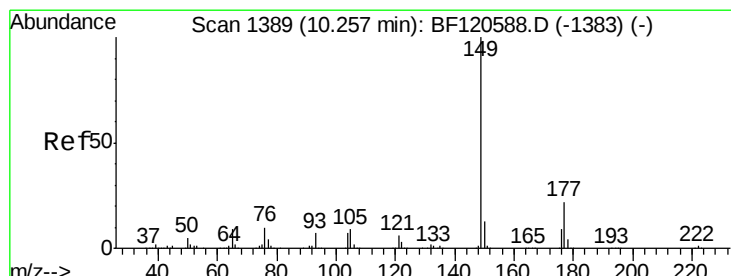
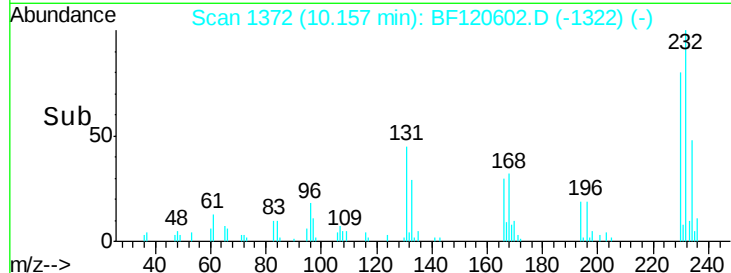
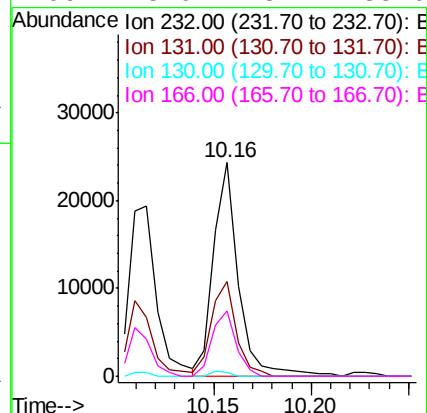
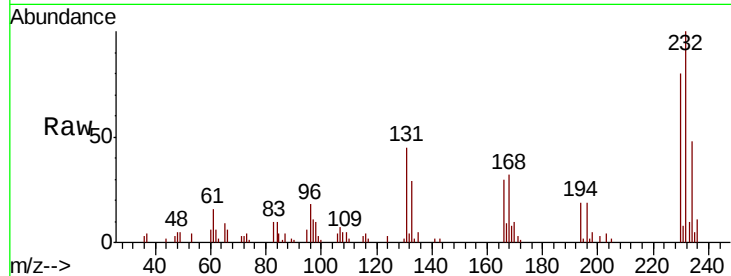




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 4.190 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

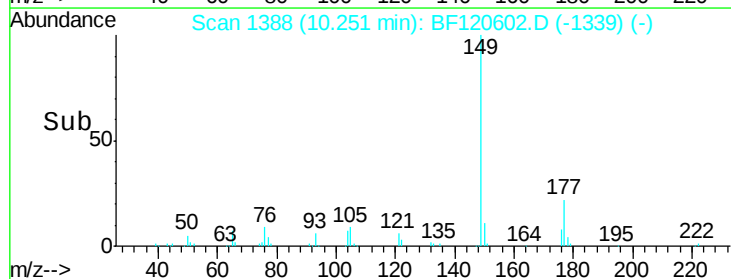
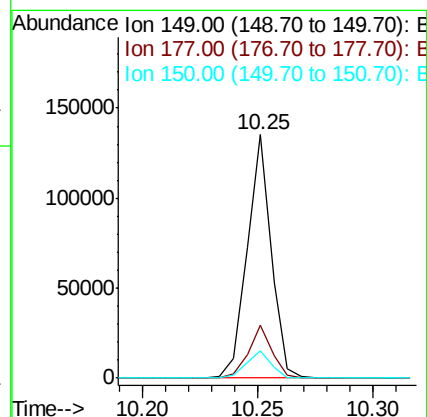
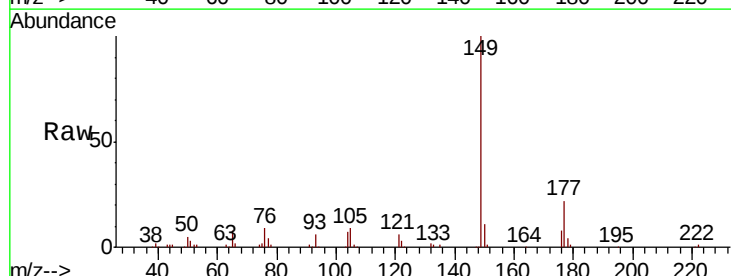
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

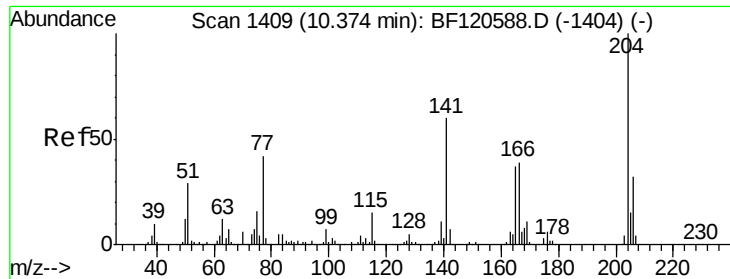
Tot Ion:	232	Resp:	21731
Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.5	50.3
130	1.6	1.5	2.3
166	28.9	23.4	35.0



#60
 Diethylphthalate
 Concen: 5.040 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:	149	Resp:	98073
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	11.3	10.3	15.5

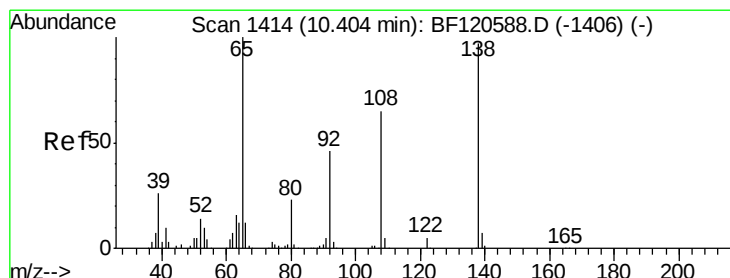
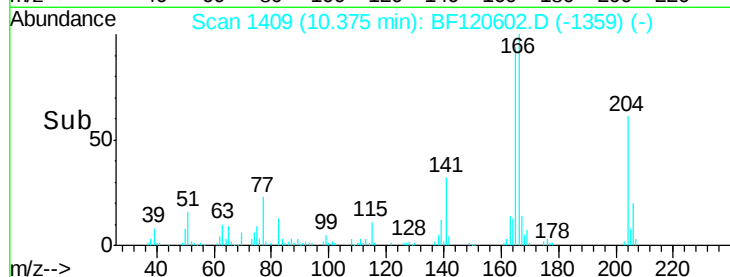
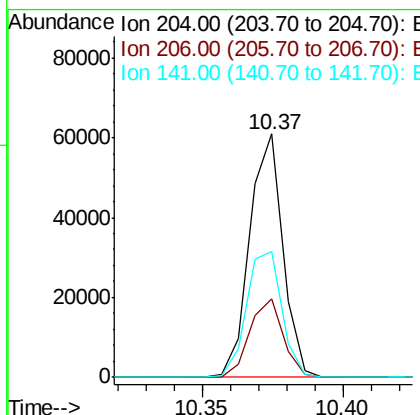
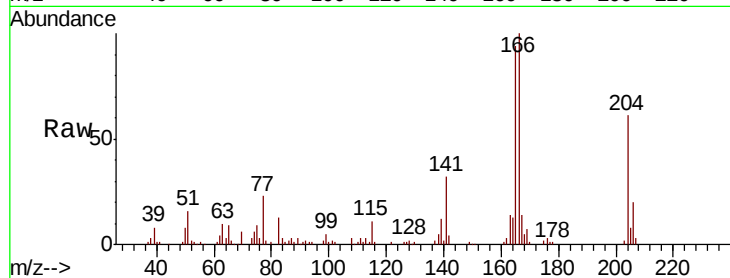




#61
 4-Chlorophenyl-phenylether
 Concen: 5.265 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

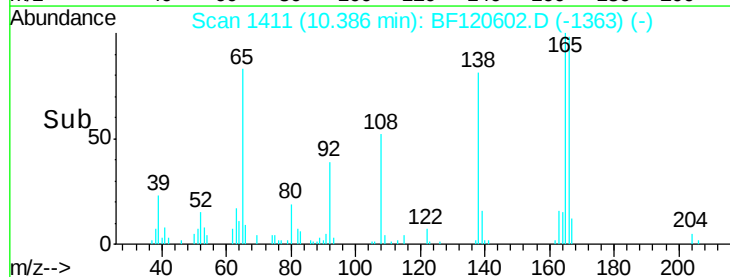
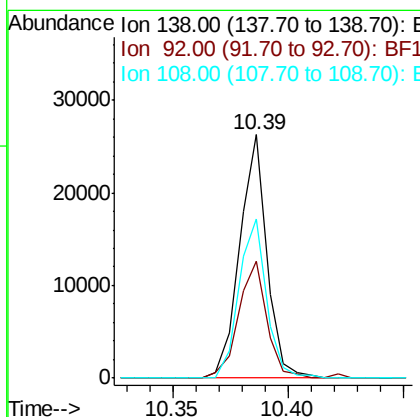
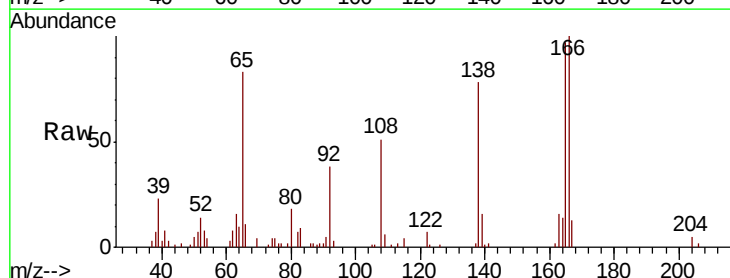
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	25.9	38.9
141	51.5	47.6	71.4



#62
 4-Nitroaniline
 Concen: 4.056 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.2	27.3	67.3
108	65.3	47.4	87.4





#63

Azobenzene

Concen: 5.365 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 77 Resp: 94752

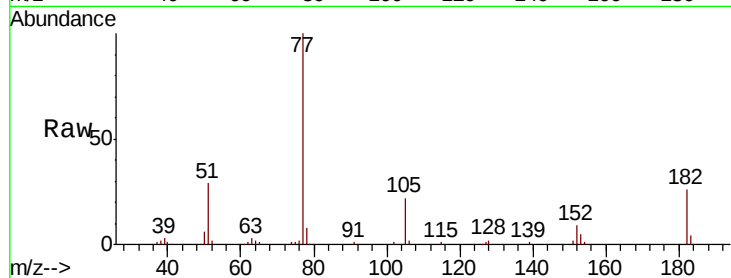
Ion Ratio Lower Upper

77 100

182 25.9 7.7 47.7

105 22.3 3.2 43.2

51 29.0 8.5 48.5

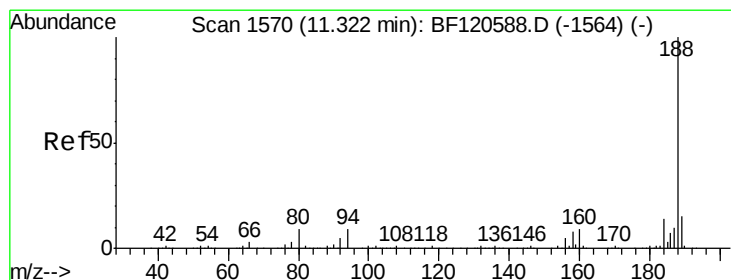
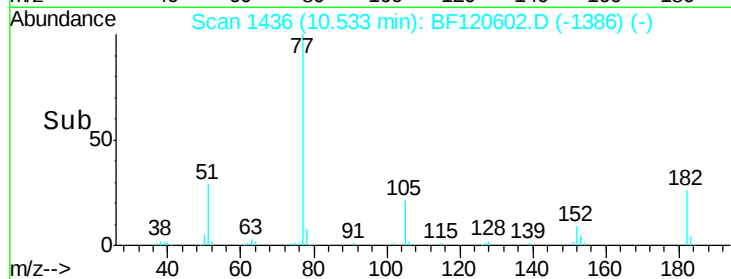
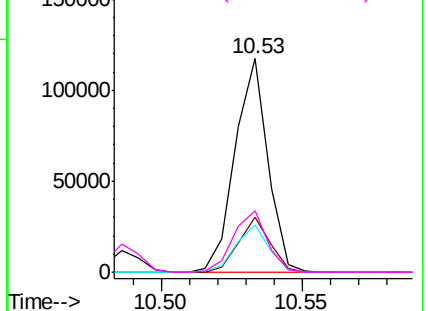


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120602.D

Acq: 11 Jun 2020 14:58

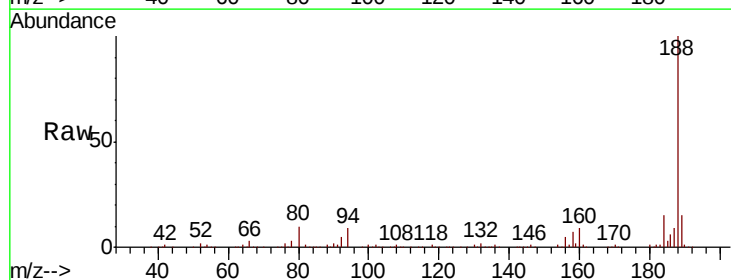
Tgt Ion: 188 Resp: 528617

Ion Ratio Lower Upper

188 100

94 9.4 7.2 10.8

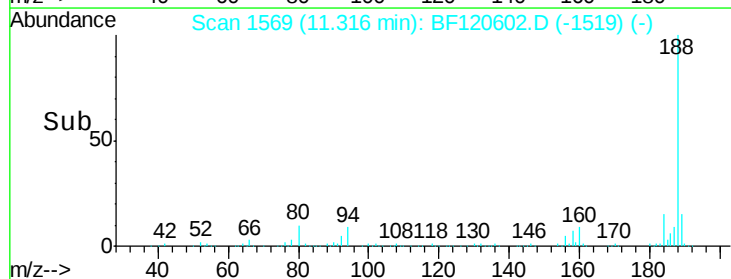
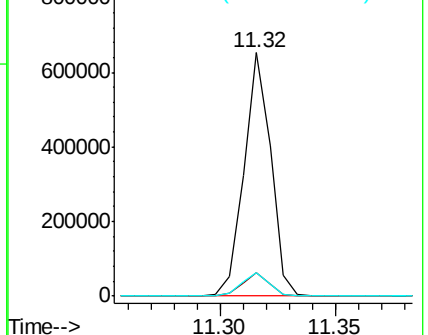
80 9.9 7.4 11.2

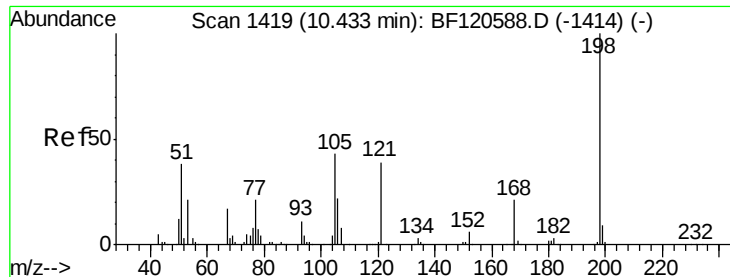


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 2.769 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

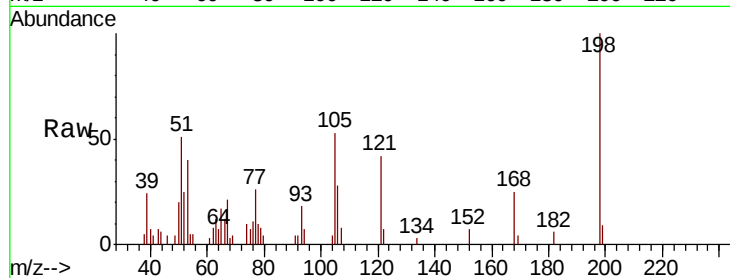
Tot Ion:198 Resp: 8784

Ion Ratio Lower Upper

198 100

51 50.7 24.8 64.8

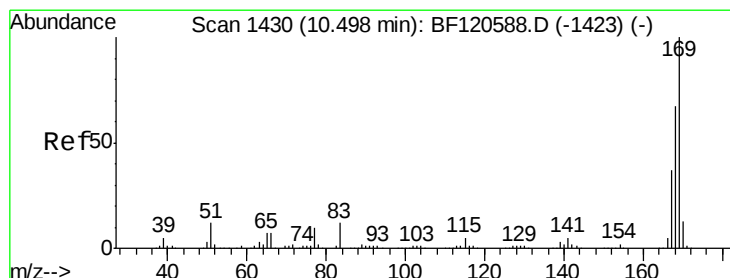
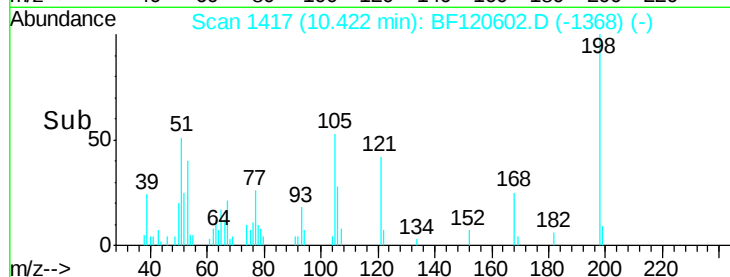
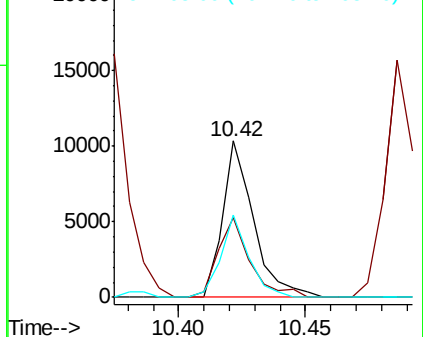
105 53.1 23.9 63.9



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: 5.123 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

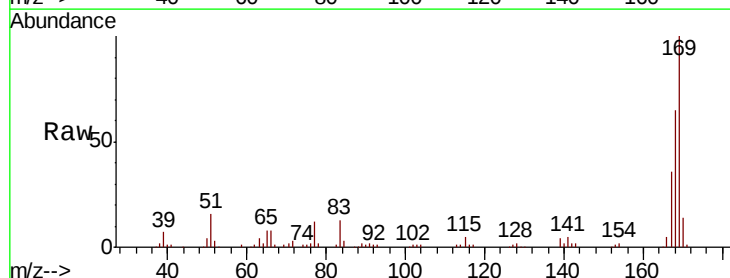
Tgt Ion:169 Resp: 83158

Ion Ratio Lower Upper

169 100

168 65.2 53.7 80.5

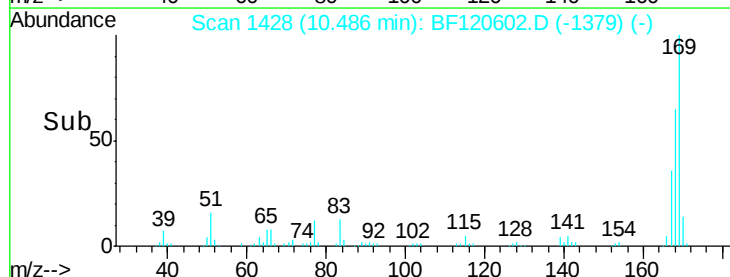
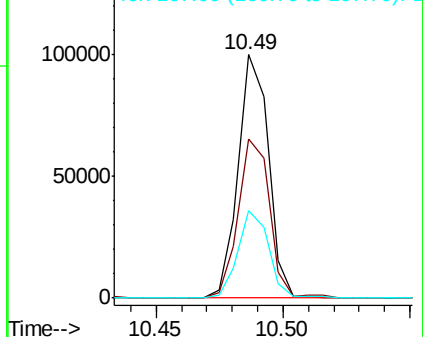
167 36.0 29.9 44.9

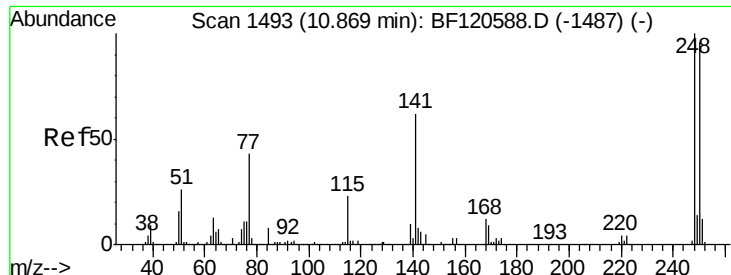


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

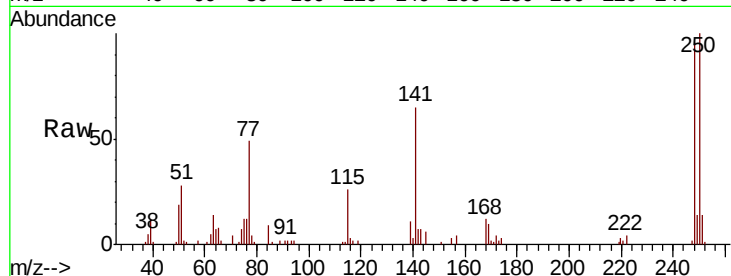




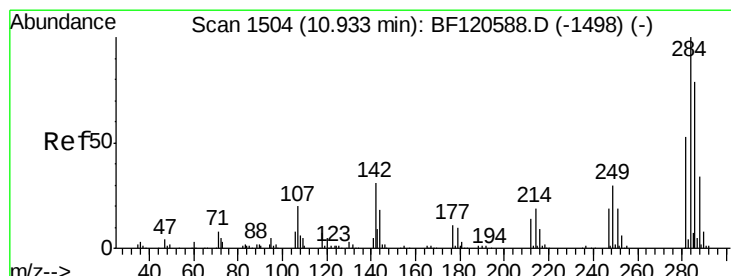
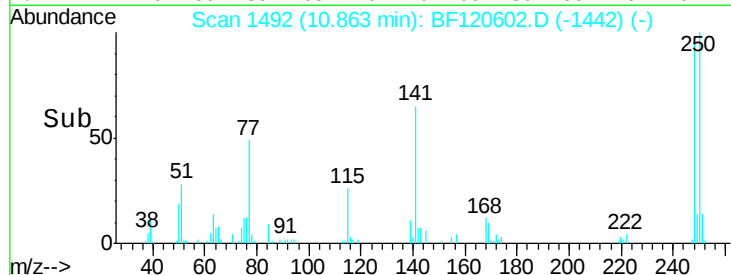
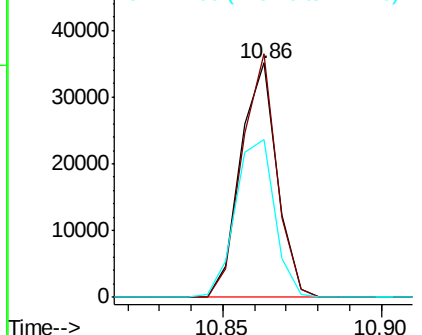
#67
 4-Bromophenyl-phenylether
 Concen: 4.662 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

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

Tot Ion:248 Resp: 27971
 Ion Ratio Lower Upper
 248 100
 250 103.9 76.7 115.1
 141 67.2 49.4 74.0

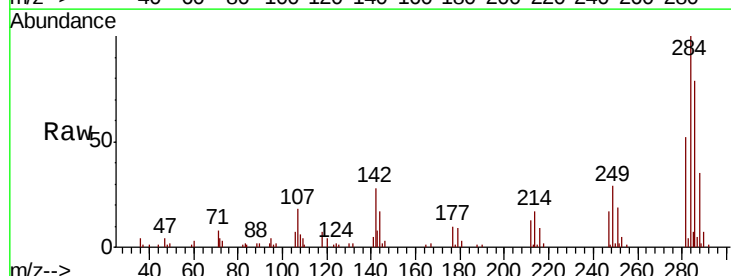


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

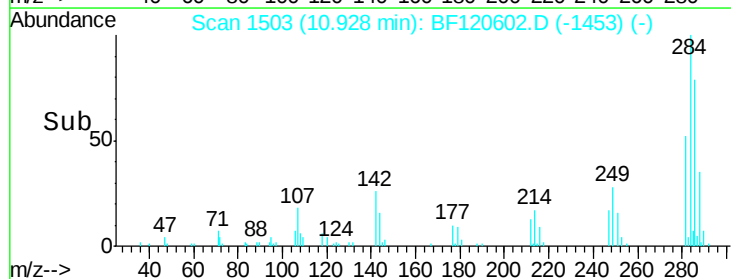
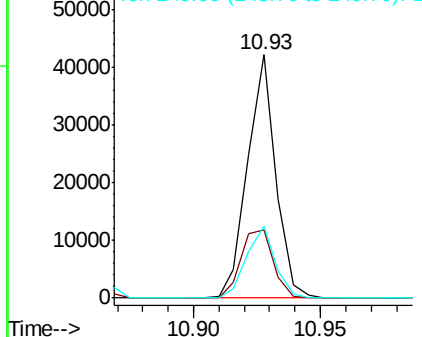


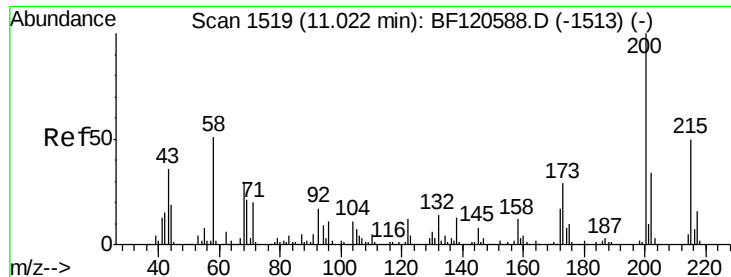
#68
 Hexachlorobenzene
 Concen: 5.052 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:284 Resp: 32586
 Ion Ratio Lower Upper
 284 100
 142 28.3 25.1 37.7
 249 29.4 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

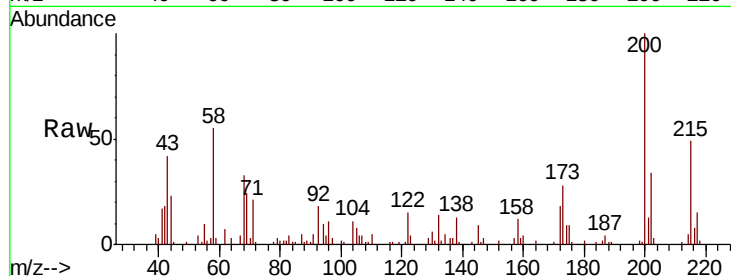




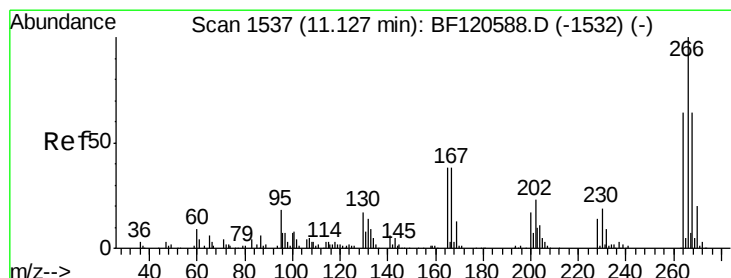
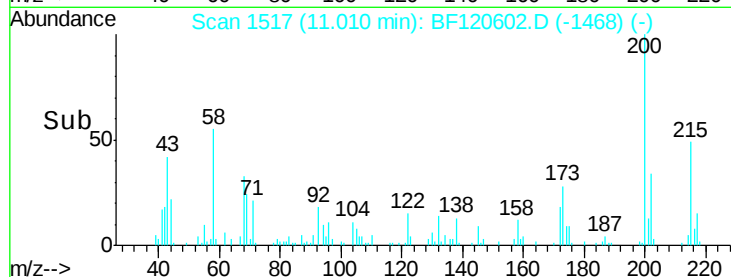
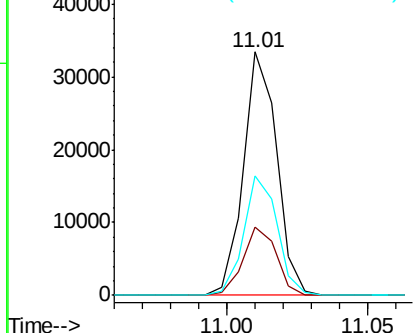
#69
Atrazine
Concen: 5.432 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:200 Resp: 27288
Ion Ratio Lower Upper
200 100
173 28.2 9.1 49.1
215 49.3 29.8 69.8

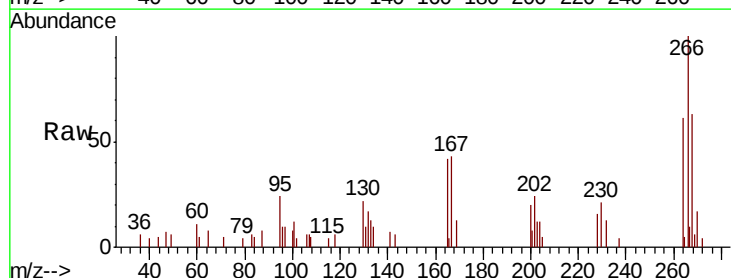


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

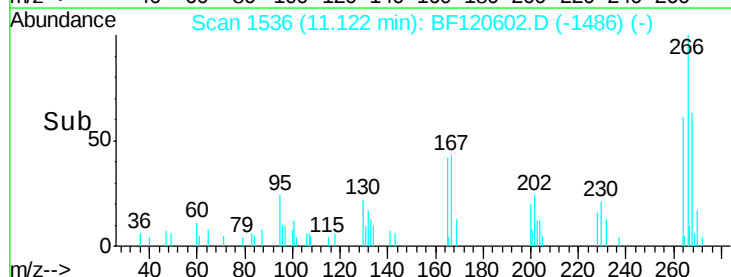
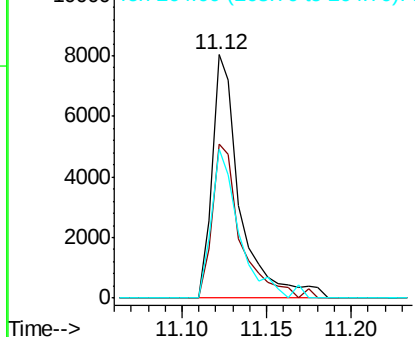


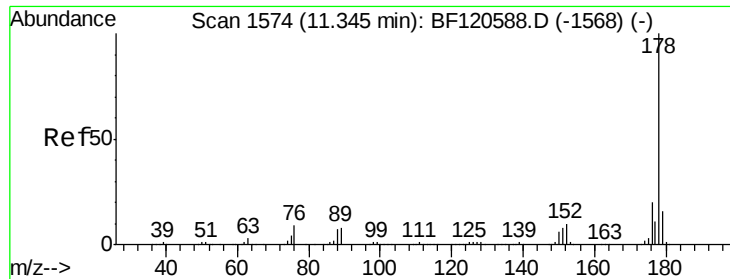
#70
Pentachlorophenol
Concen: 2.592 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:266 Resp: 9294
Ion Ratio Lower Upper
266 100
268 69.7 51.4 77.0
264 66.6 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

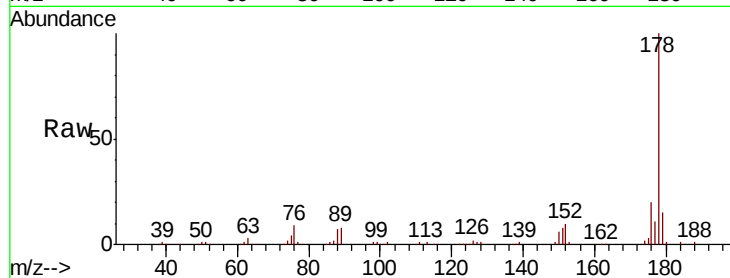




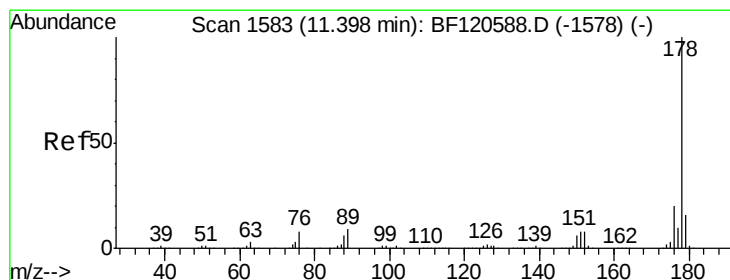
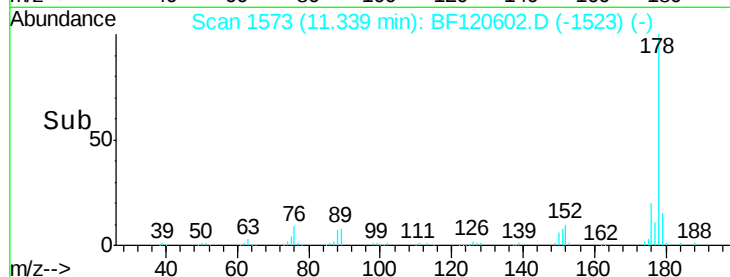
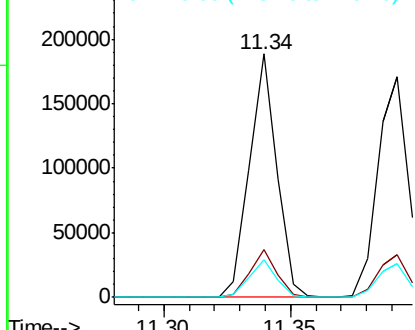
#71
Phenanthrene
Concen: 5.400 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:178 Resp: 141910
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.2 12.8 19.2

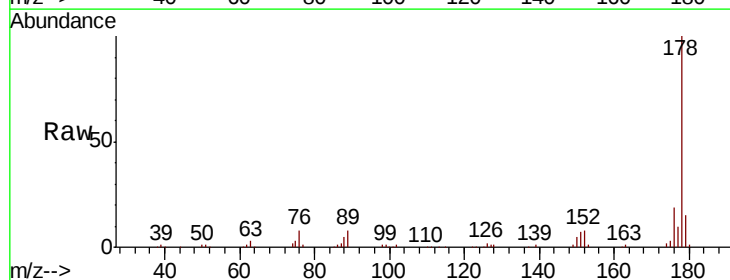


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

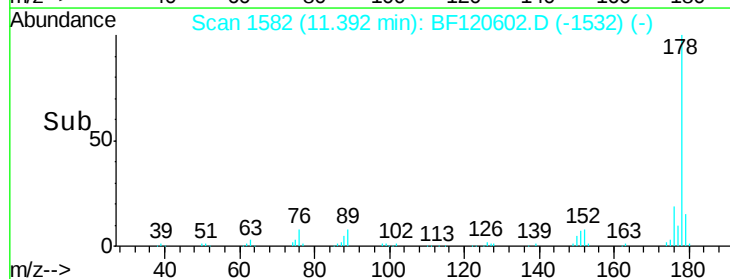
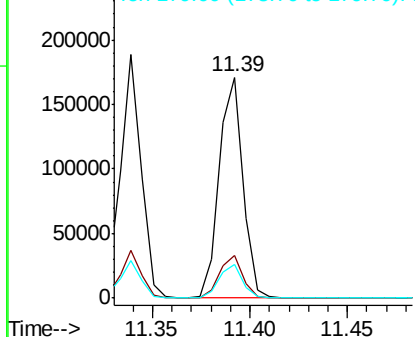


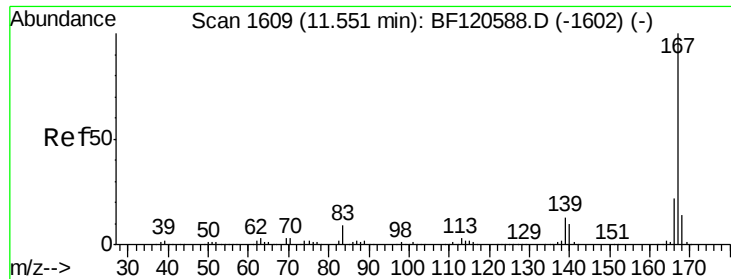
#72
Anthracene
Concen: 5.457 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:178 Resp: 144550
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

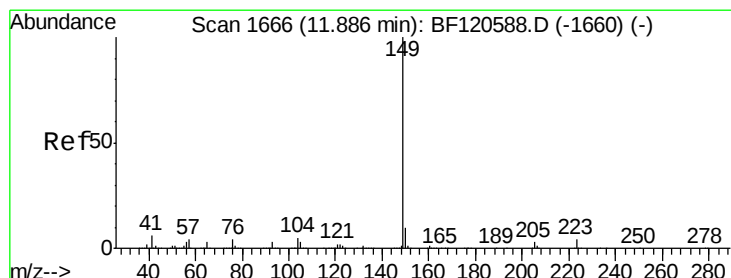
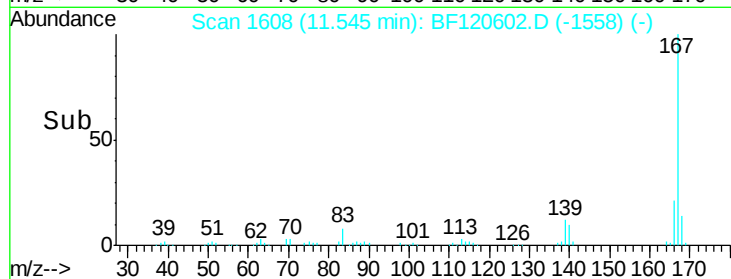
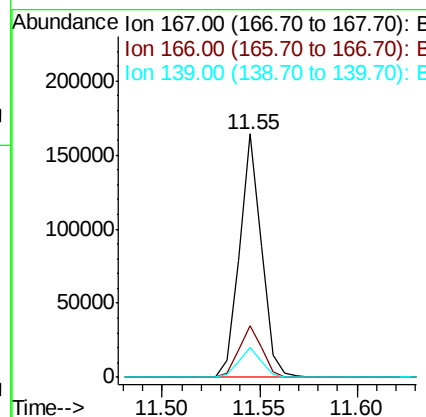
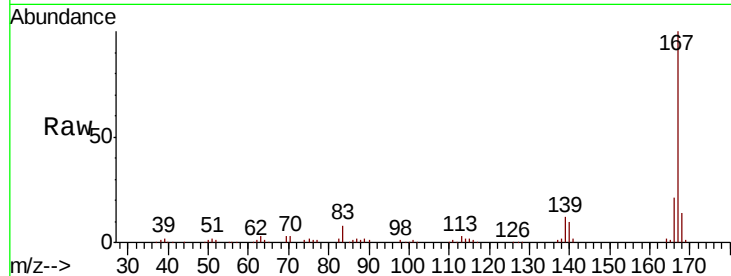




#73
 Carbazole
 Concen: 4.885 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

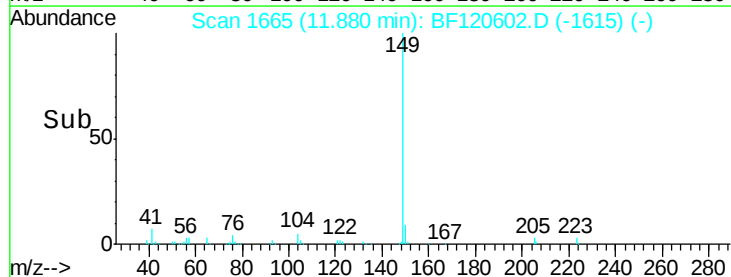
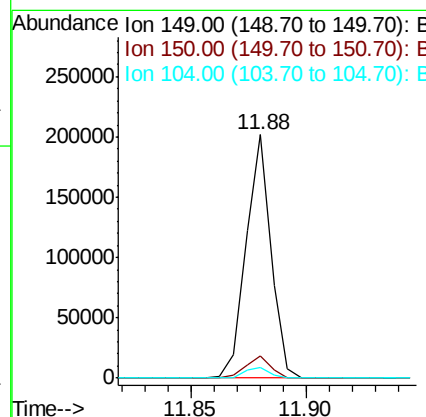
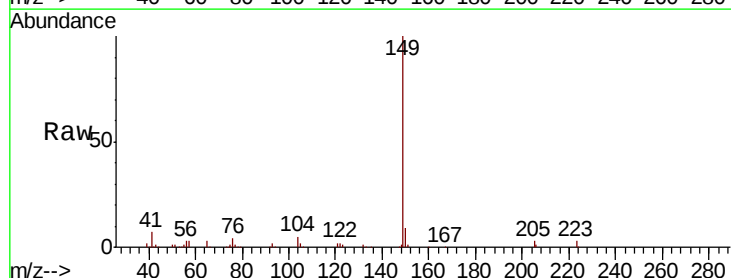
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

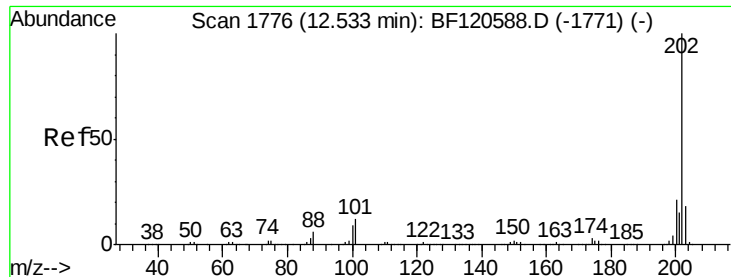
Tot Ion:167 Resp: 128089
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.2 25.8
 139 12.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 5.158 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:149 Resp: 152038
 Ion Ratio Lower Upper
 149 100
 150 8.8 7.7 11.5
 104 4.5 3.7 5.5

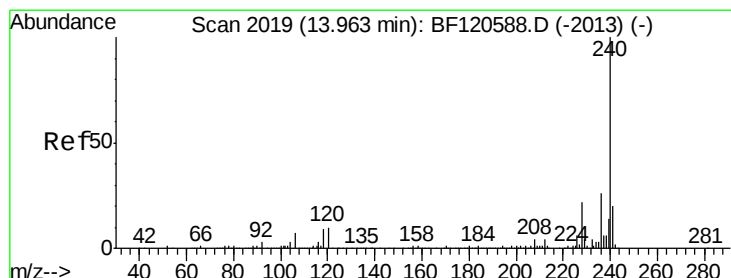
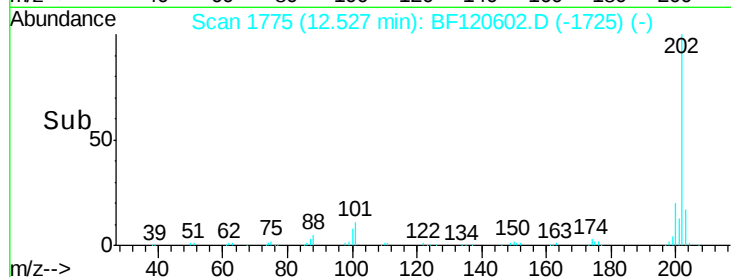
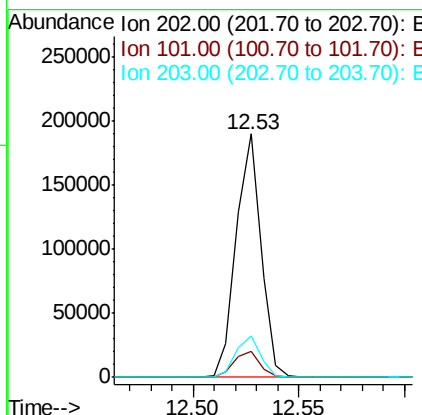
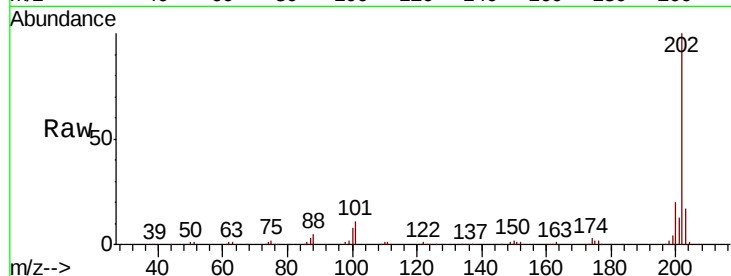




#75
Fluoranthene
Concen: 5.116 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

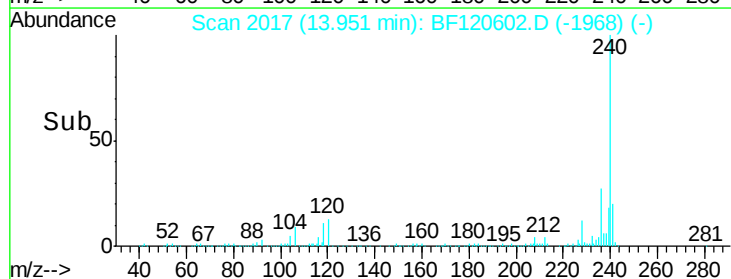
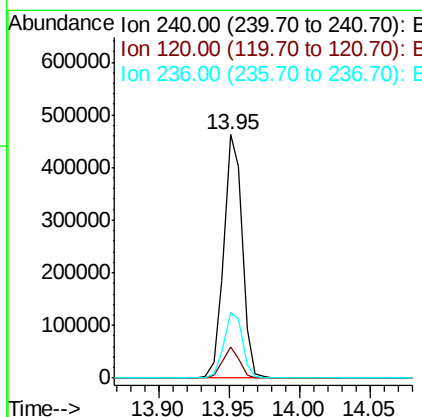
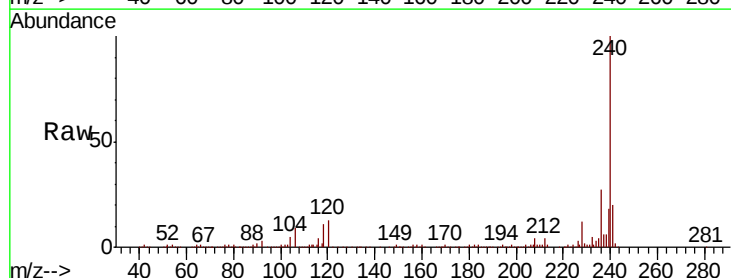
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

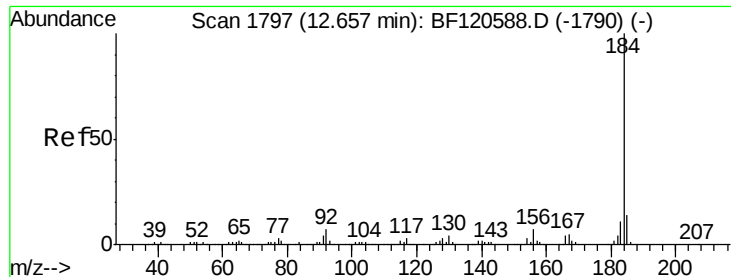
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	32.0
203	16.9	0.0	38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.8	21.0	31.4





#77

Benzidine

Concen: 5.484 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

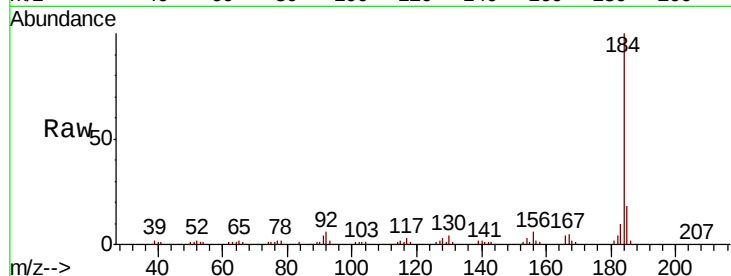
Tot Ion:184 Resp: 78019

Ion Ratio Lower Upper

184 100

185 18.4 11.4 17.0#

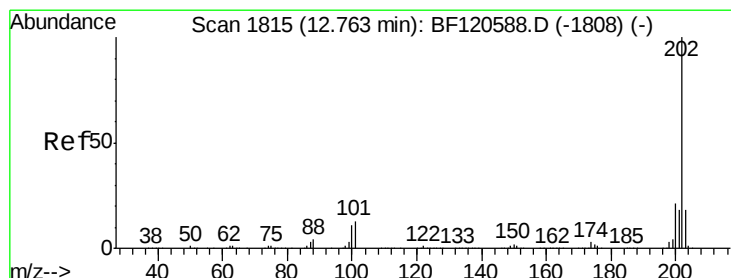
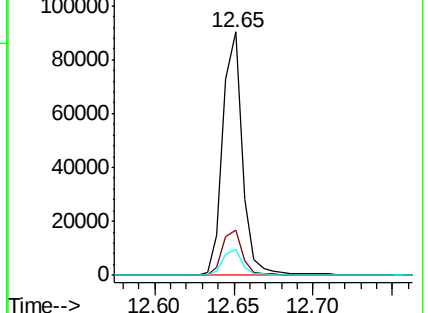
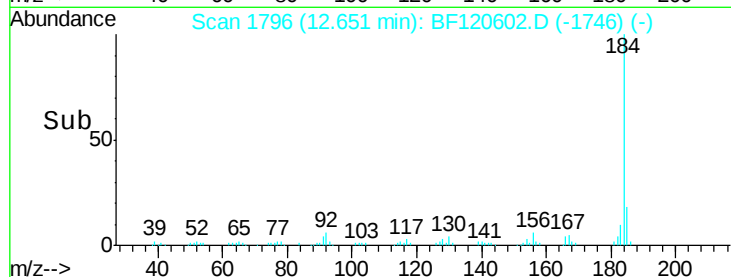
183 10.4 9.0 13.6



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: 5.380 ng

RT: 12.76 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

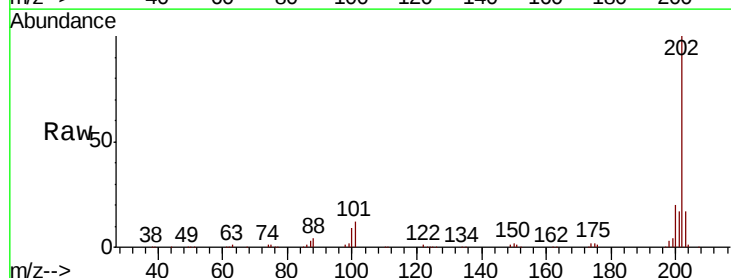
Tgt Ion:202 Resp: 160307

Ion Ratio Lower Upper

202 100

200 20.2 16.8 25.2

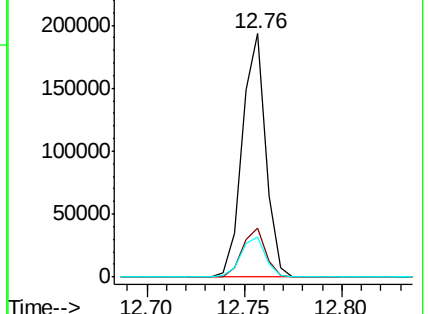
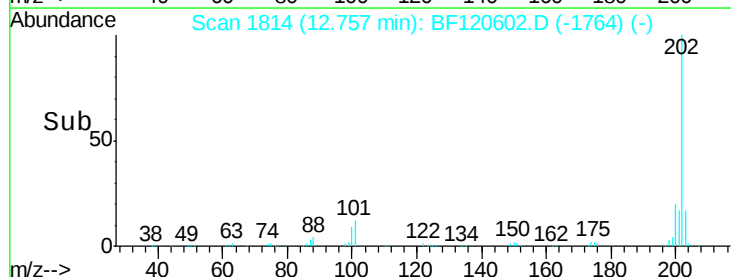
203 16.6 14.3 21.5



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: 101.375 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

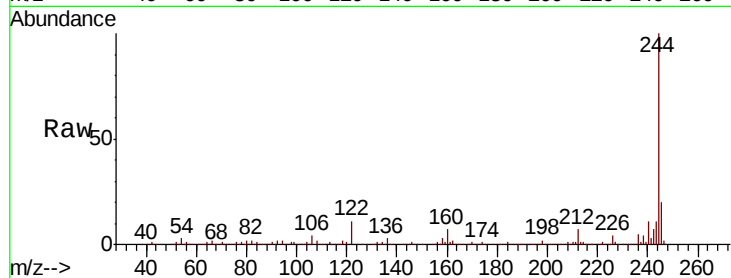
Tot Ion:244 Resp: 1930461

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

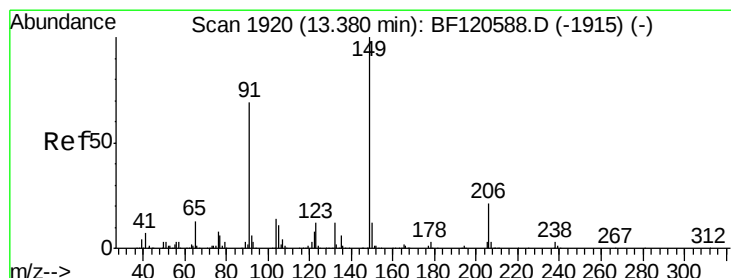
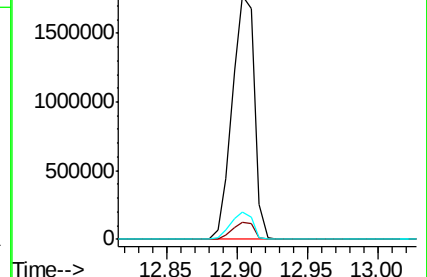
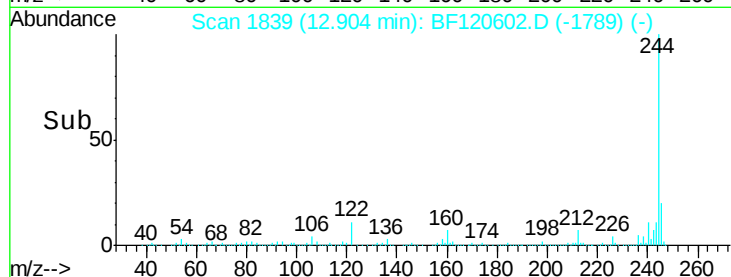
122 11.4 8.3 12.5



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: 4.589 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

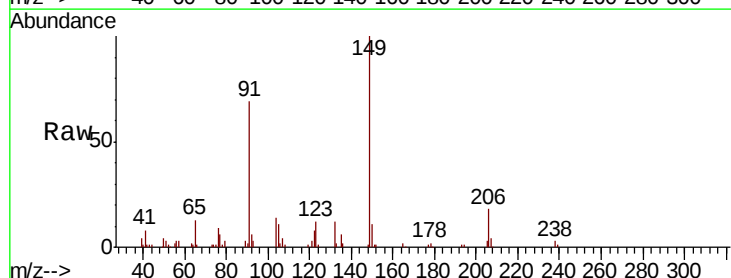
Tgt Ion:149 Resp: 60720

Ion Ratio Lower Upper

149 100

91 69.0 55.4 83.0

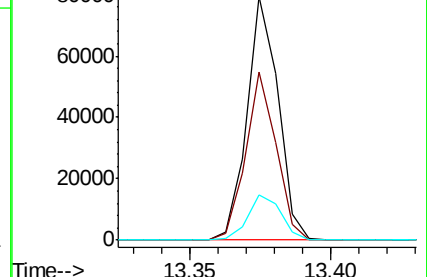
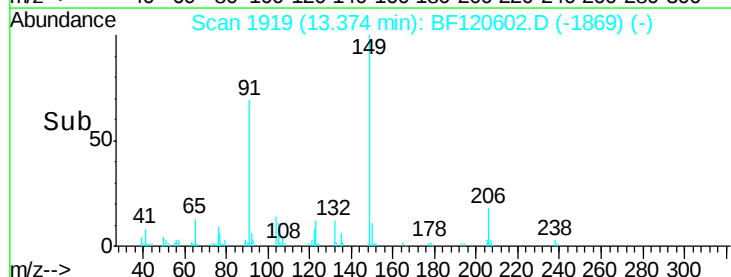
206 18.4 17.0 25.4



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: 5.865 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

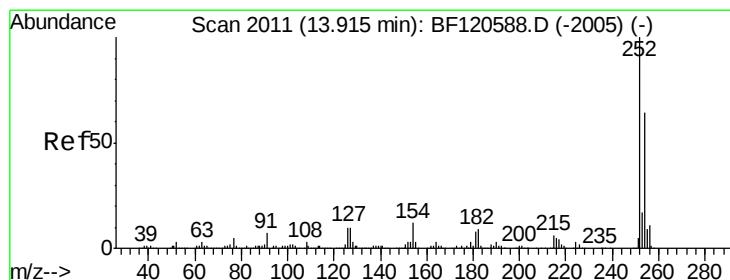
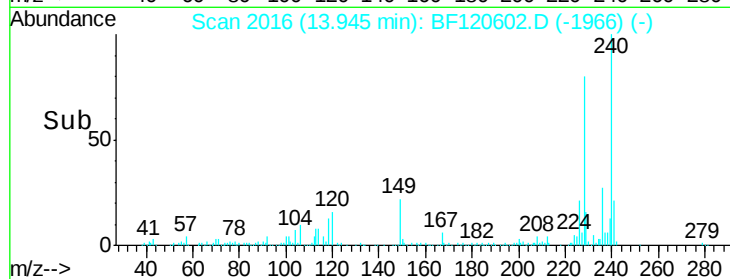
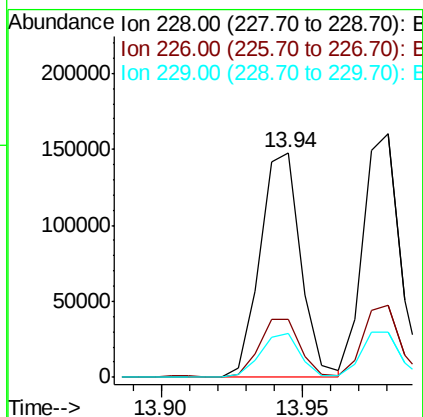
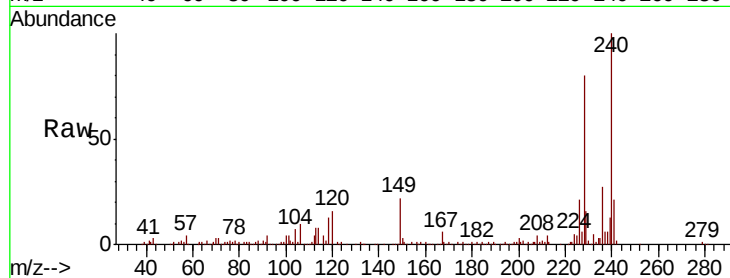
Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:228	Resp:	148224
Ion Ratio	Lower	Upper
228	100	
226	25.9	22.5 33.7
229	19.6	16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 5.643 ng

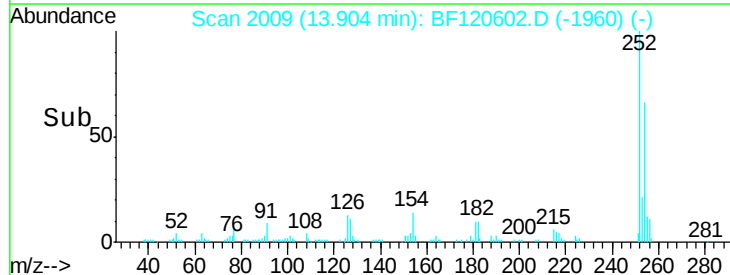
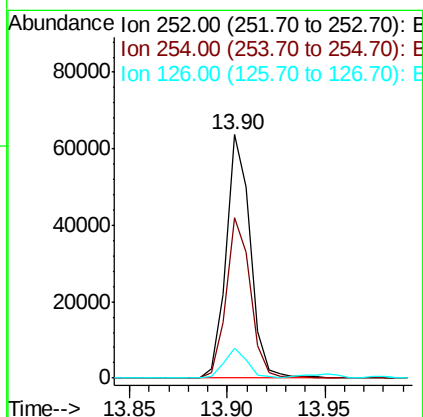
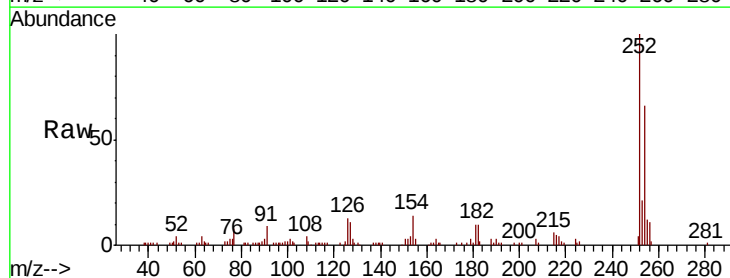
RT: 13.90 min Scan# 2009

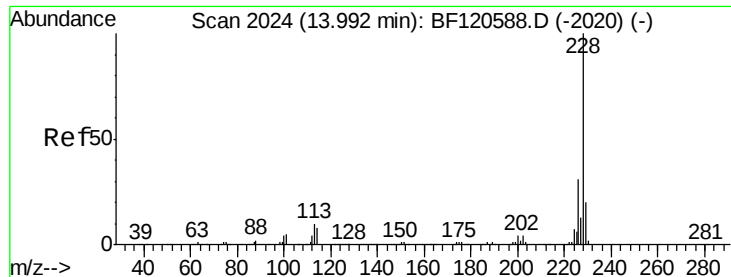
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:252	Resp:	54468
Ion Ratio	Lower	Upper
252	100	
254	66.1	51.4 77.2
126	12.5	7.9 11.9#

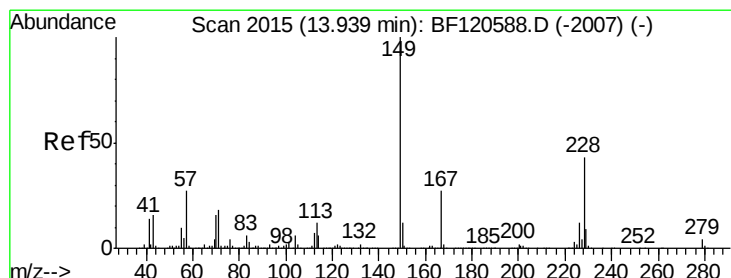
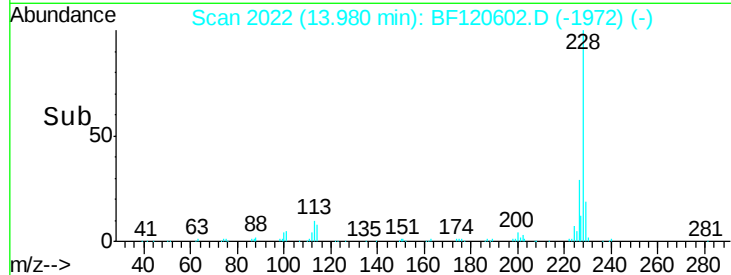
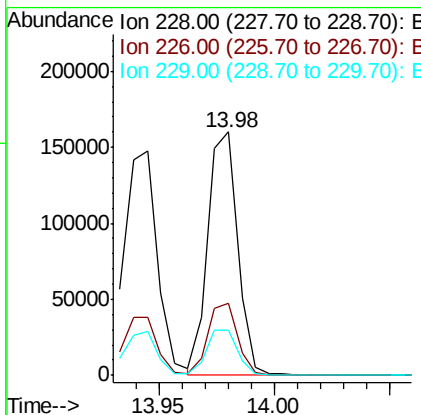
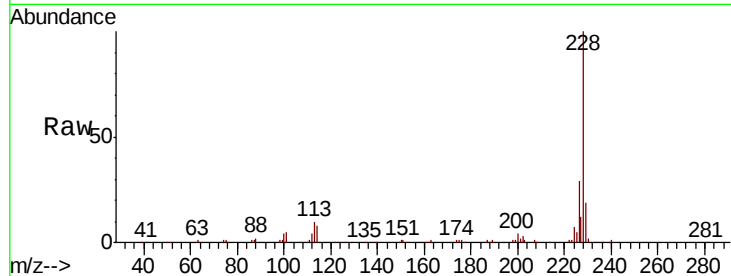




#83
 Chrvsene
 Concen: 5.539 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

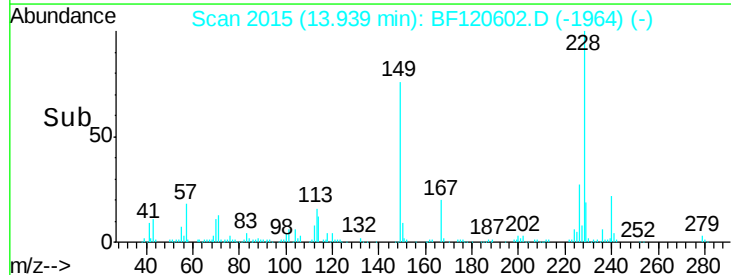
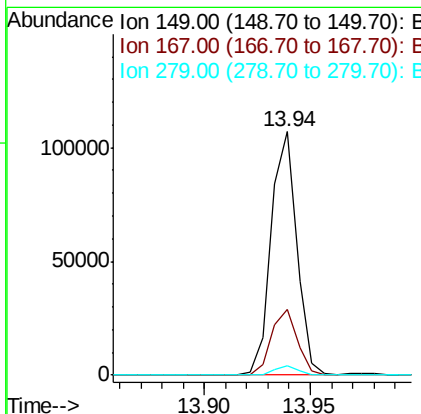
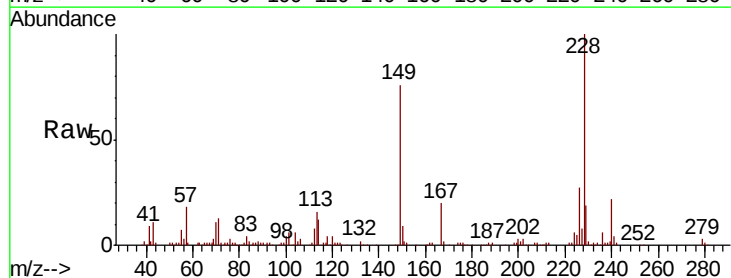
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:228 Resp: 143594
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.9 37.3
 229 18.6 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.613 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:149 Resp: 90634
 Ion Ratio Lower Upper
 149 100
 167 27.0 22.0 33.0
 279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 4.849 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

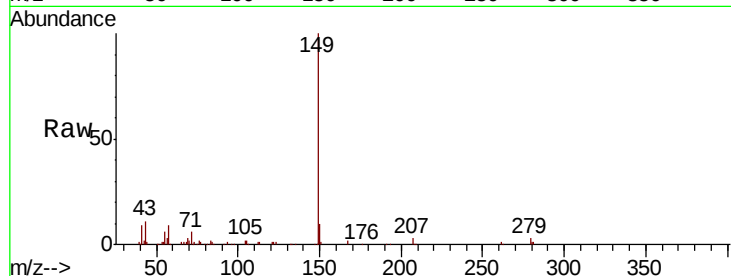
Tot Ion:149 Resp: 149443

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

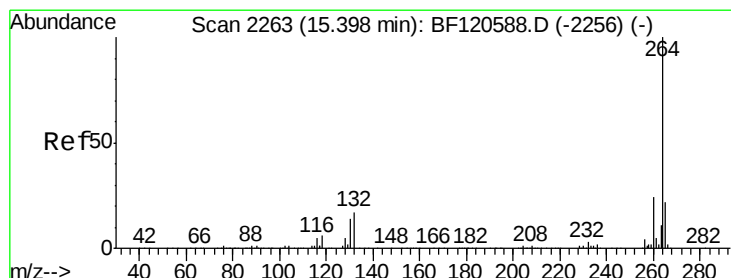
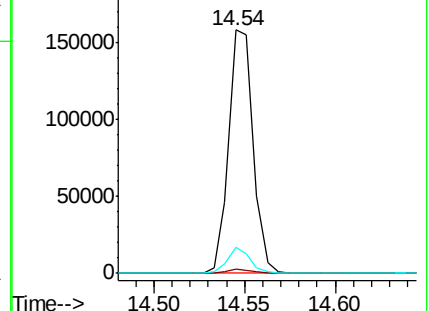
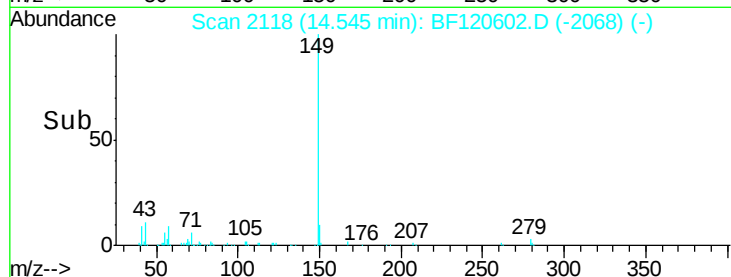
43 9.9 7.6 11.4



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: BF120602.D

Acq: 11 Jun 2020 14:58

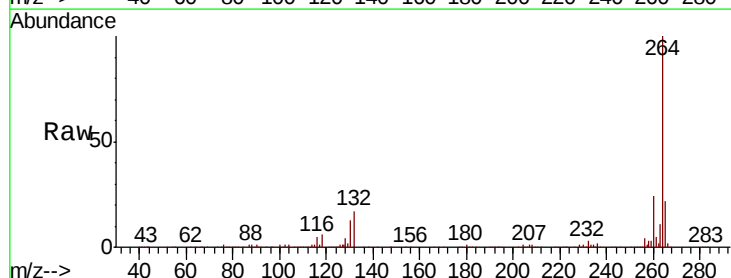
Tgt Ion:264 Resp: 487022

Ion Ratio Lower Upper

264 100

260 24.0 19.3 28.9

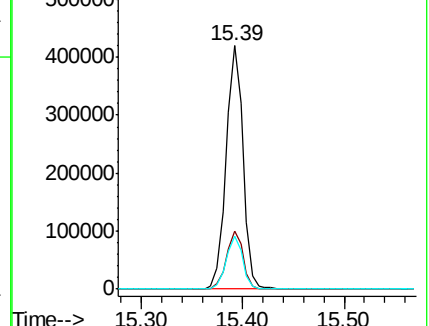
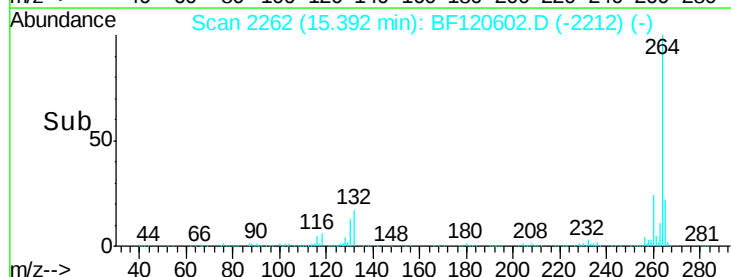
265 21.6 17.8 26.8

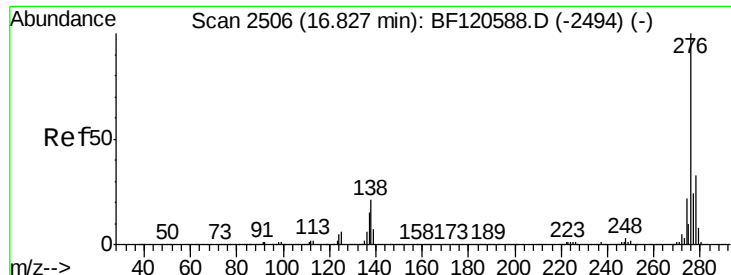


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

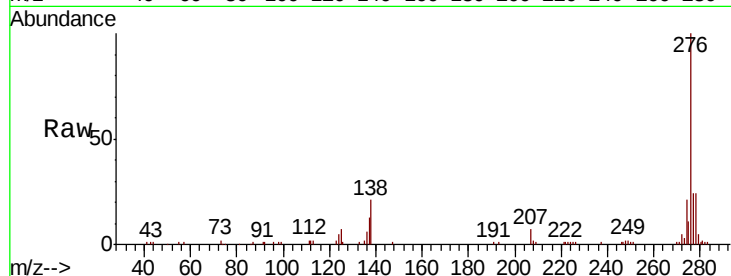




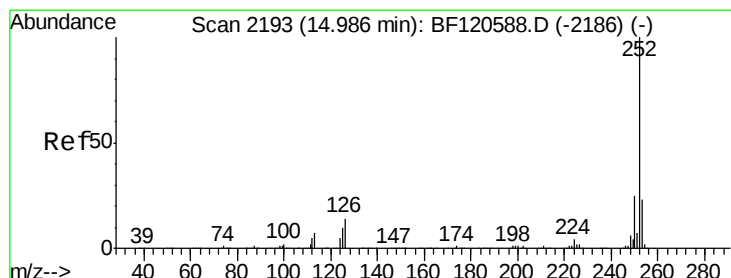
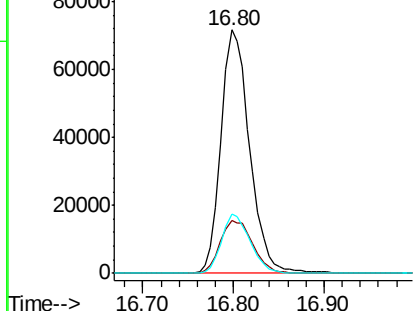
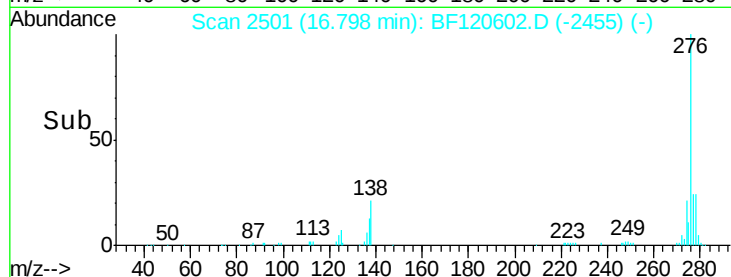
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.298 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. -0.03 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.9	28.3
277	24.1	20.2	30.2

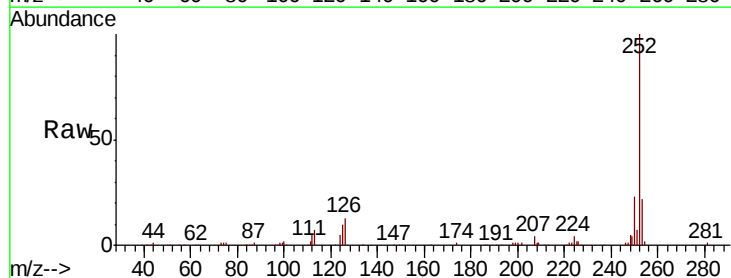


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

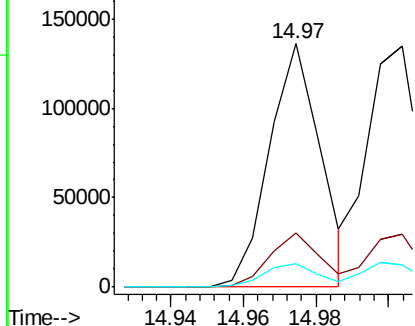
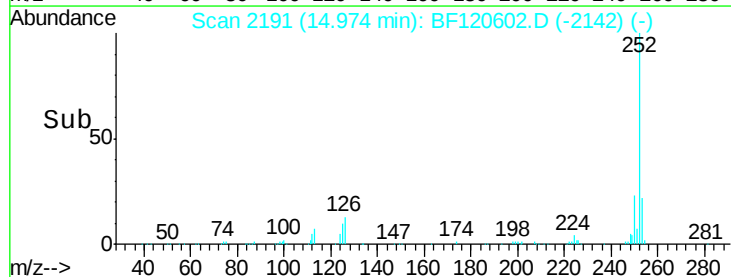


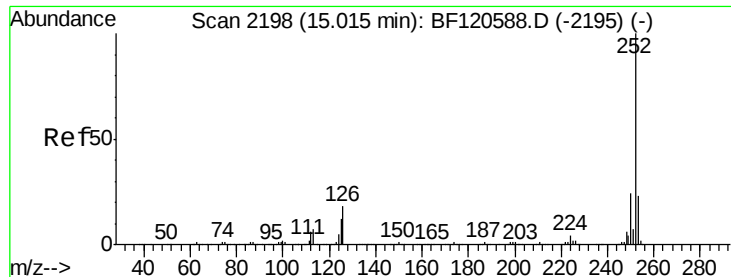
#88
 Benzo(b)fluoranthene
 Concen: 4.614 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.7	8.3	12.5



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

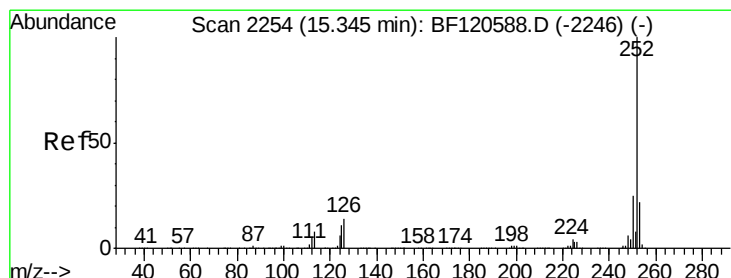
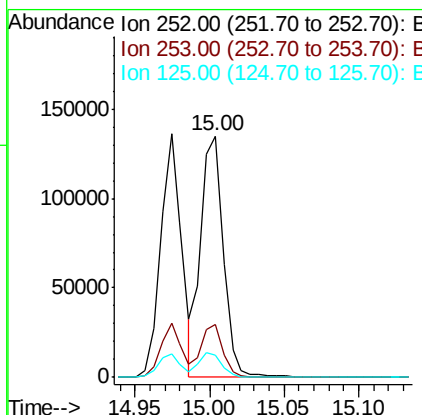
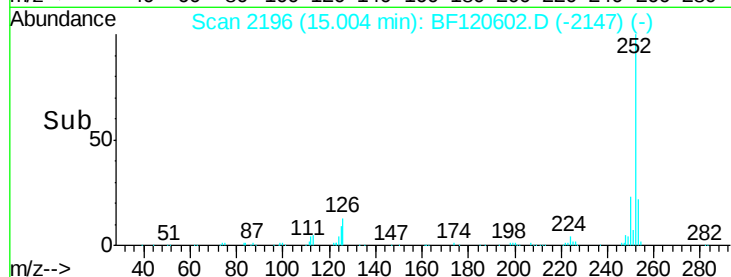
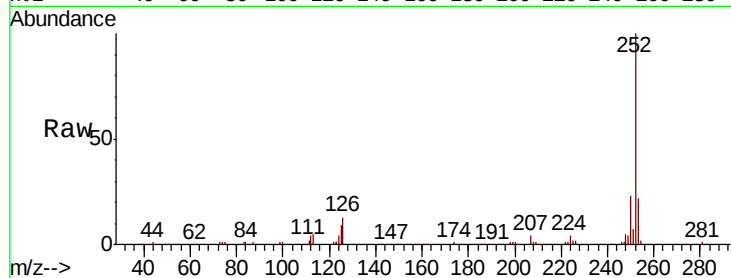




#89
Benzo(k)fluoranthene
Concen: 5.503 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

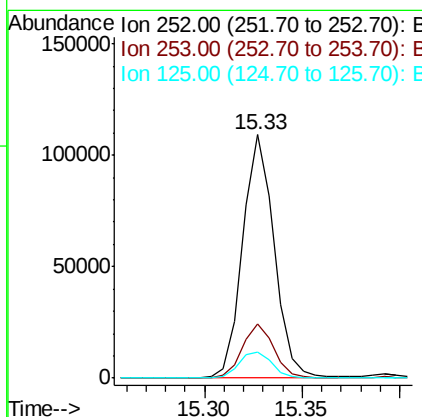
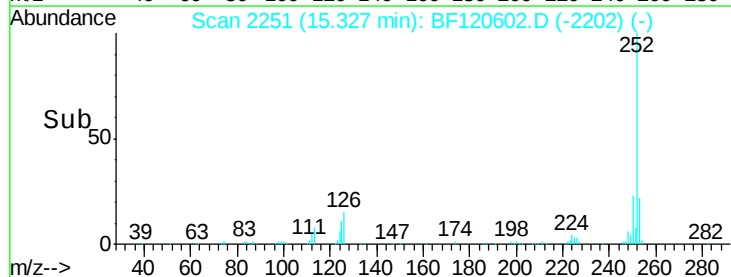
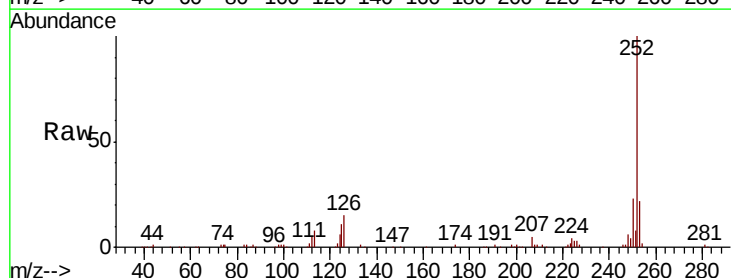
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

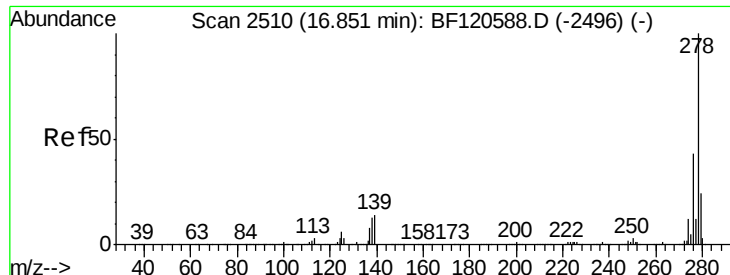
Tot Ion:252 Resp: 141266
Ion Ratio Lower Upper
252 100
253 21.8 18.0 27.0
125 9.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 4.708 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:252 Resp: 122238
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 10.9 8.6 12.8



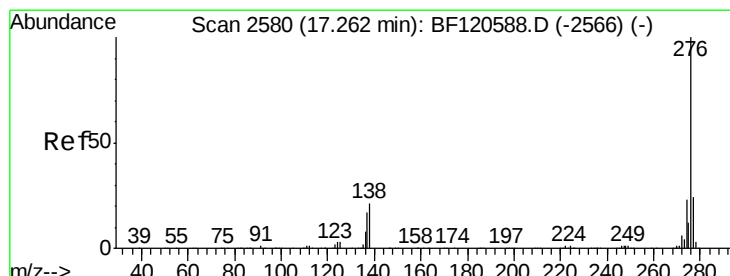
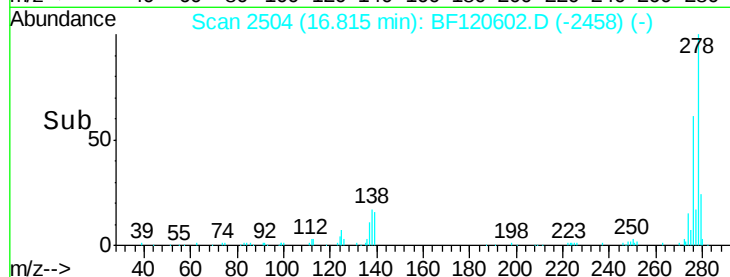
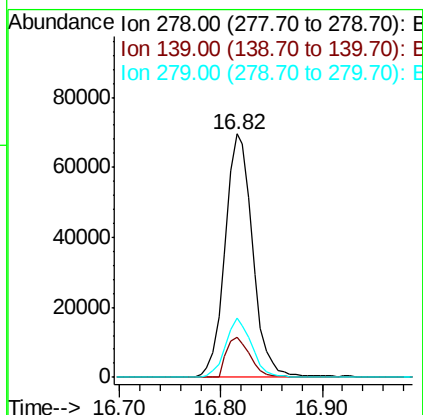
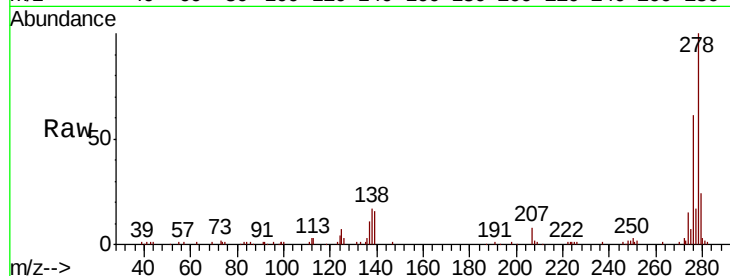


#91
Dibenzo(a,h)anthracene
Concen: 5.544 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.03 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

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

Tot Ion:278 Resp: 131711

Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.4	17.2
279	24.1	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 5.465 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:276 Resp: 130864

Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	21.2	16.5	24.7

