

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120622.D
 Acq On : 15 Jun 2020 15:55
 Operator : JU/CG
 Sample : L2182-07
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Quant Time: Jun 15 16:39:39 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 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	169288	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	612566	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	320443	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	616741	20.00	ng	0.00
76) Chrysene-d12	13.95	240	496582	20.00	ng	-0.01
86) Perylene-d12	15.39	264	556571	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1384466	140.21	ng	0.00
7) Phenol-d6	6.43	99	1759802	143.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	1117145	101.94	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	547707	147.01	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1967267	93.93	ng	0.00
79) Terphenyl-d14	12.90	244	2238064	99.55	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	36363	7.770	ng	96
3) Pyridine	3.28	79	74338	5.651	ng	99
4) n-Nitrosodimethylamine	3.15	42	38521	7.055	ng	99
6) Aniline	6.46	93	130679	8.303	ng	98
8) 2-Chlorophenol	6.58	128	86689	7.769	ng	93
9) Benzaldehyde	6.35	77	72993	9.384	ng	98
10) Phenol	6.45	94	111544	8.501	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	85852	7.855	ng	98
12) 1,3-Dichlorobenzene	6.74	146	97586	8.227	ng	98
13) 1,4-Dichlorobenzene	6.82	146	96847	8.275	ng	99
14) 1,2-Dichlorobenzene	6.97	146	90170	7.909	ng	99
15) Benzyl Alcohol	6.93	79	80156	9.191	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	123979	7.878	ng	98
17) 2-Methylphenol	7.05	107	67305	7.072	ng	99
18) Hexachloroethane	7.31	117	35366	8.201	ng	93
19) n-Nitroso-di-n-propylamine	7.20	70	60138	8.430	ng	99
20) 3+4-Methylphenols	7.20	107	90163	7.582	ng	# 73
22) Acetophenone	7.20	105	126237	9.218	ng	95
24) Nitrobenzene	7.38	77	93251	8.131	ng	98
25) Isophorone	7.61	82	163067	7.639	ng	95
26) 2-Nitrophenol	7.69	139	43318	7.140	ng	97
27) 2,4-Dimethylphenol	7.73	122	60692	6.794	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	106461	8.603	ng	98
29) 2,4-Dichlorophenol	7.93	162	70777	7.794	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	82307	8.179	ng	99
31) Naphthalene	8.10	128	266101	8.847	ng	100
32) Benzoic acid	7.80	122	25046	3.654	ng	98
33) 4-Chloroaniline	8.15	127	108241	7.840	ng	97
34) Hexachlorobutadiene	8.22	225	47933	8.172	ng	100
35) Caprolactam	8.48	113	23275	8.014	ng	92
36) 4-Chloro-3-methylphenol	8.62	107	71935	7.929	ng	95
37) 2-Methylnaphthalene	8.79	142	178040	9.067	ng	98
38) 1-Methylnaphthalene	8.89	142	167874	9.086	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	87183	9.112	ng	98

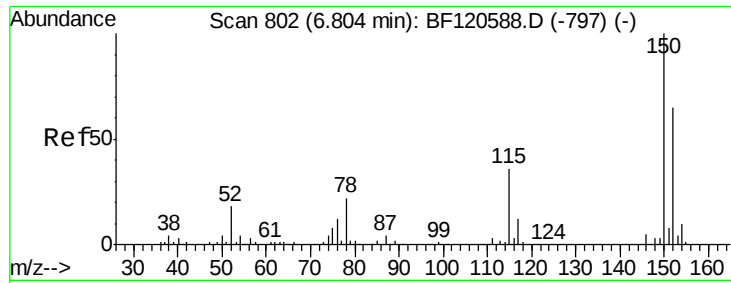
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	29914	5.579	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	50397	7.425	nq	97
44) 2,4,5-Trichlorophenol	9.11	196	52509	6.819	nq	99
46) 1,1'-Biphenyl	9.25	154	228200	9.537	nq	97
47) 2-Chloronaphthalene	9.28	162	164694	8.417	nq	98
48) 2-Nitroaniline	9.37	65	44584	7.255	nq	95
49) Acenaphthylene	9.69	152	263787	8.735	nq	97
50) Dimethylphthalate	9.55	163	188691	8.176	nq	99
51) 2,6-Dinitrotoluene	9.61	165	39137	7.483	nq	99
52) Acenaphthene	9.86	154	161999	8.995	nq	100
53) 3-Nitroaniline	9.77	138	43680	6.953	nq	97
54) 2,4-Dinitrophenol	9.89	184	10724	3.825	nq	93
55) Dibenzofuran	10.03	168	244893	8.868	nq	100
56) 4-Nitrophenol	9.94	139	29012	6.132	nq	98
57) 2,4-Dinitrotoluene	10.01	165	50623	7.294	nq	# 84
58) Fluorene	10.37	166	184463	8.665	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	42687	7.046	nq	95
60) Diethylphthalate	10.25	149	187049	8.229	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	94001	8.551	nq	96
62) 4-Nitroaniline	10.39	138	43644	6.998	nq	97
63) Azobenzene	10.53	77	178607	8.657	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	19920	5.383	nq	97
66) n-Nitrosodiphenylamine	10.49	169	162690	8.590	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	56659	8.095	nq	93
68) Hexachlorobenzene	10.92	284	62974	8.368	nq	94
69) Atrazine	11.01	200	51972	8.868	nq	99
70) Pentachlorophenol	11.12	266	21857	5.224	nq	96
71) Phenanthrene	11.34	178	273436	8.919	nq	98
72) Anthracene	11.39	178	276230	8.939	nq	98
73) Carbazole	11.54	167	251659	8.227	nq	99
74) Di-n-butylphthalate	11.87	149	299109	8.697	nq	99
75) Fluoranthene	12.52	202	299270	8.538	nq	99
77) Benzidine	12.64	184	150724	8.975	nq	# 95
78) Pyrene	12.75	202	306542	8.714	nq	98
80) Butylbenzylphthalate	13.37	149	119853	7.673	nq	96
81) Benzo(a)anthracene	13.94	228	277643	9.306	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	109312	9.592	nq	100
83) Chrysene	13.97	228	273790	8.947	nq	99
84) Bis(2-ethylhexyl)phthalate	13.93	149	174555	9.156	nq	100
85) Di-n-octyl phthalate	14.54	149	293981	8.080	nq	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	296644	8.762	nq	99
88) Benzo(b)fluoranthene	14.97	252	252613	7.619	nq	99
89) Benzo(k)fluoranthene	15.00	252	272168	9.277	nq	99
90) Benzo(a)pyrene	15.32	252	236520	7.971	nq	98
91) Dibenzo(a,h)anthracene	16.81	278	249993	9.208	nq	98
92) Benzo(g,h,i)perylene	17.22	276	249279	9.109	nq	98

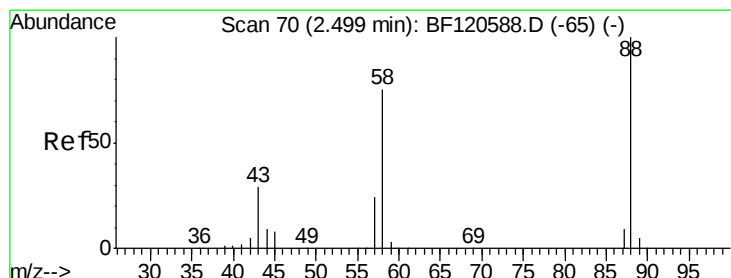
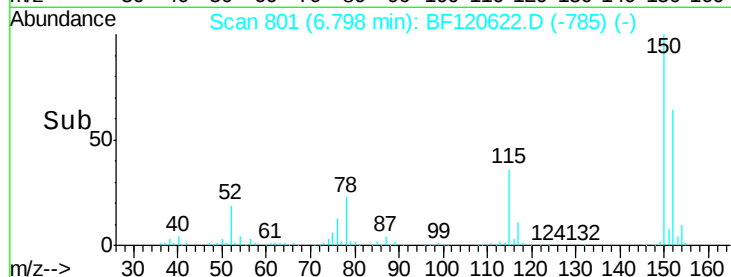
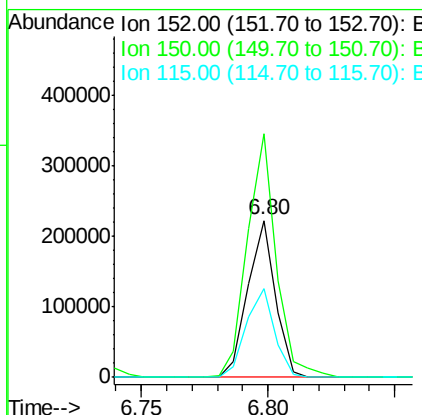
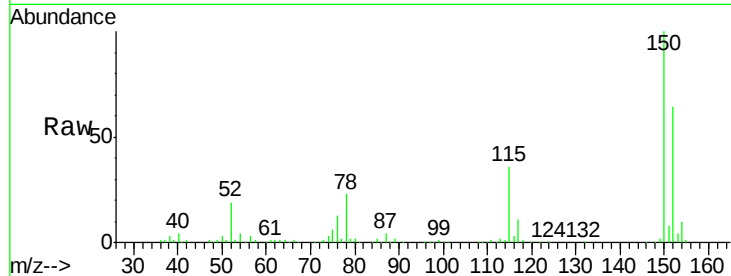
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

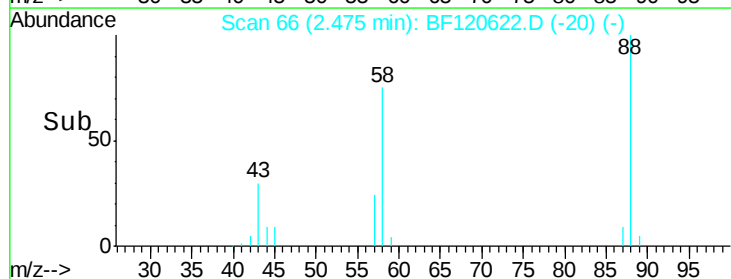
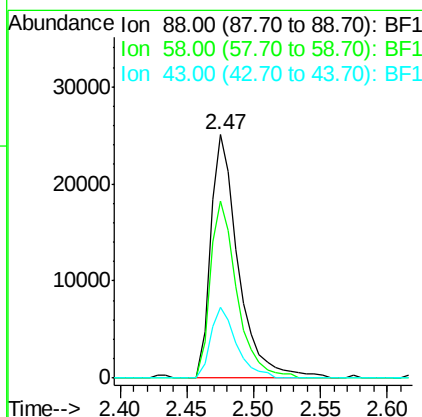
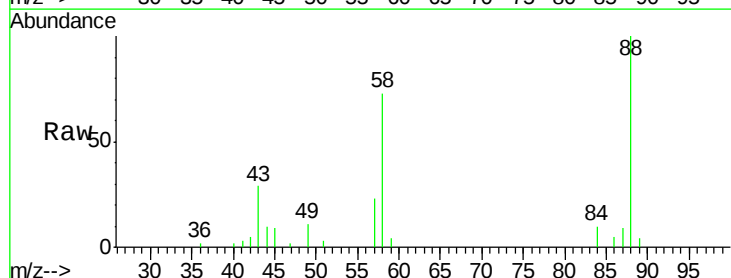
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

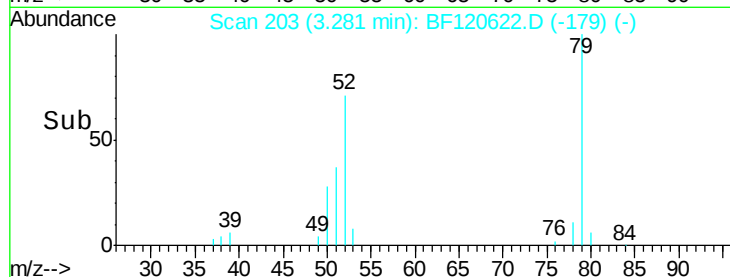
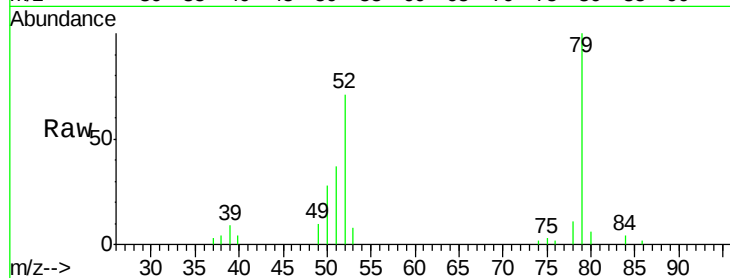
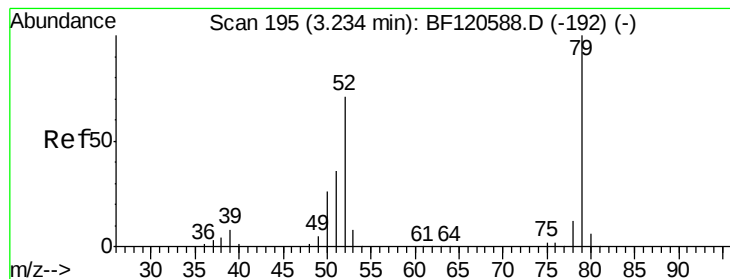
Tot Ion:152 Resp: 169288
 Ion Ratio Lower Upper
 152 100
 150 155.3 123.2 184.8
 115 56.4 43.9 65.9



#2
 1,4-Dioxane
 Concen: 7.770 ng
 RT: 2.47 min Scan# 66
 Delta R.T. -0.03 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion: 88 Resp: 36363
 Ion Ratio Lower Upper
 88 100
 58 70.2 59.6 89.4
 43 27.4 23.1 34.7





#3

Pvridine

Concen: 5.651 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.04 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

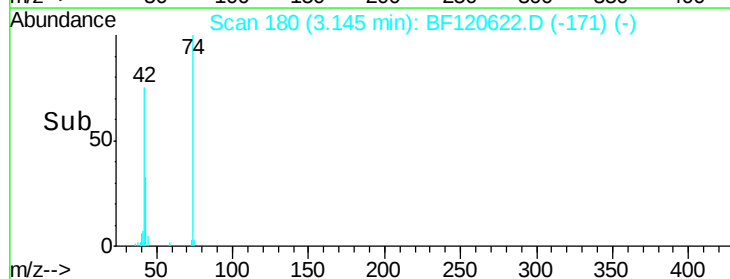
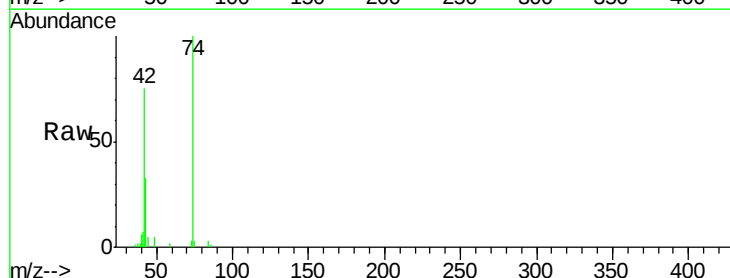
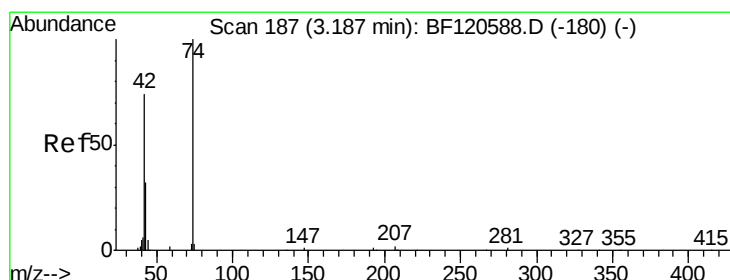
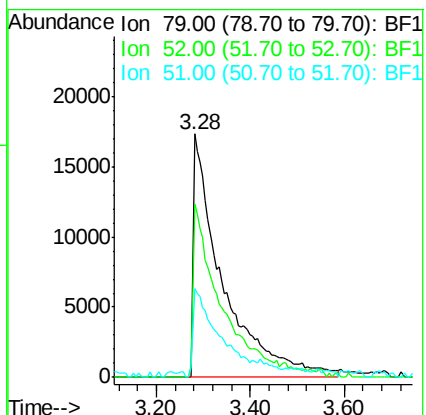
Tot Ion: 79 Resp: 74338

Ion Ratio Lower Upper

79 100

52 71.3 57.0 85.6

51 36.6 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 7.055 ng

RT: 3.15 min Scan# 180

Delta R.T. -0.05 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

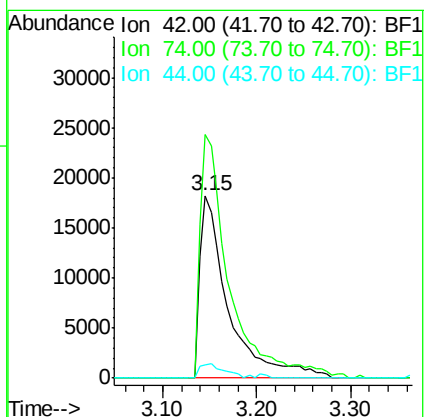
Tgt Ion: 42 Resp: 38521

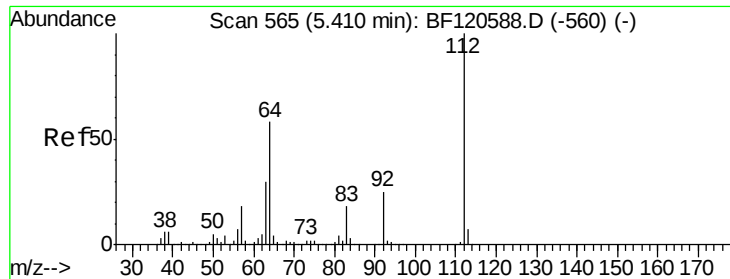
Ion Ratio Lower Upper

42 100

74 133.3 107.8 161.6

44 7.3 5.1 7.7





#5

2-Fluorophenol

Concen: 140.211 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

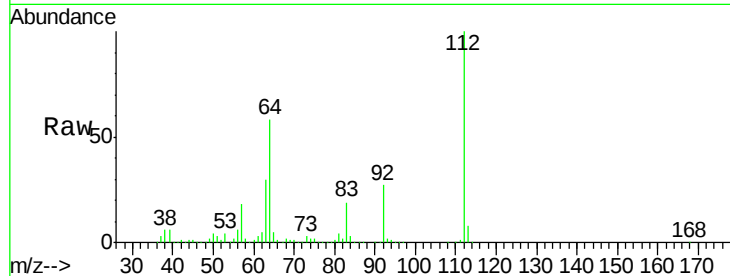
Tot Ion:112 Resp: 1384466

Ion Ratio Lower Upper

112 100

64 57.9 46.1 69.1

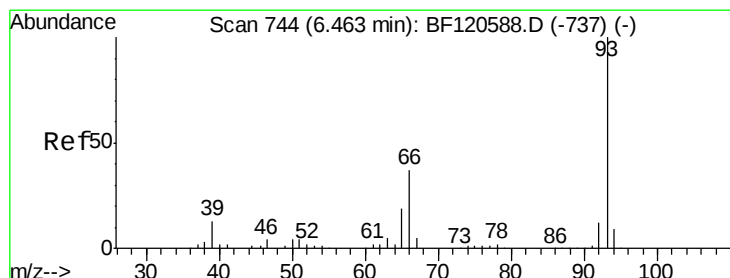
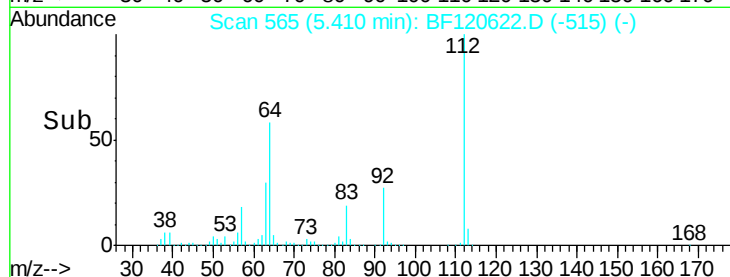
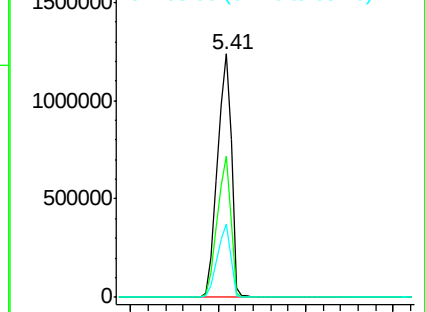
63 30.1 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.303 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

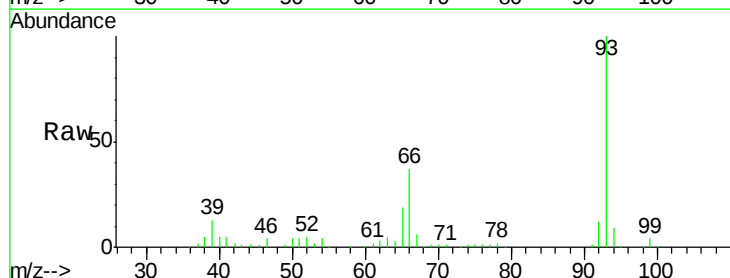
Tgt Ion: 93 Resp: 130679

Ion Ratio Lower Upper

93 100

66 37.1 30.9 46.3

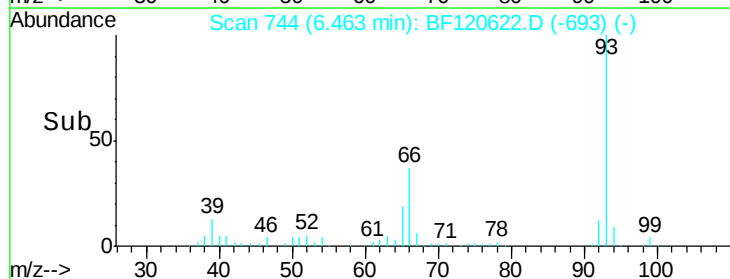
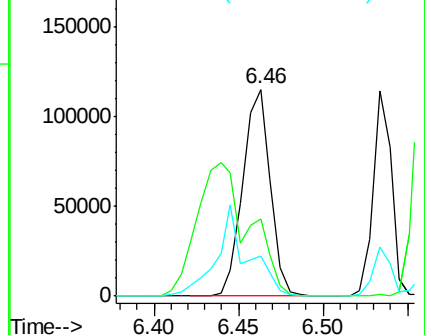
65 19.2 15.9 23.9

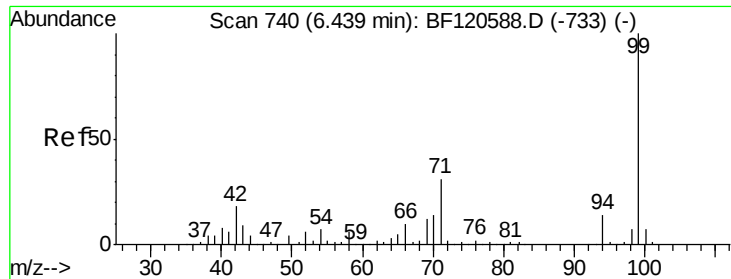


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.094 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

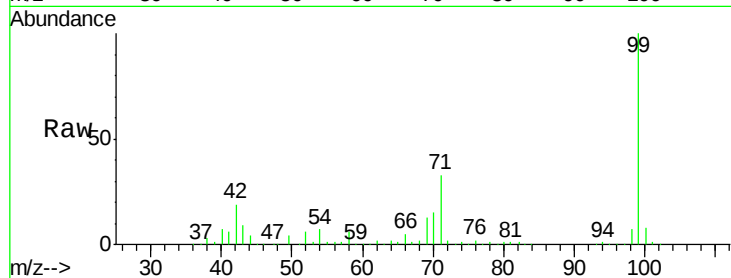
Tot Ion: 99 Resp: 1759802

Ion Ratio Lower Upper

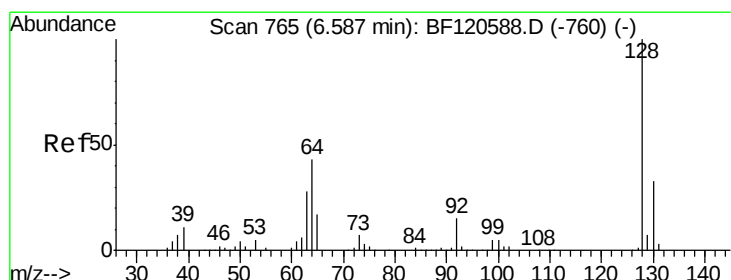
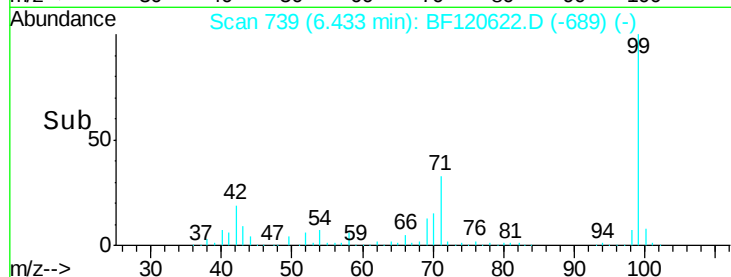
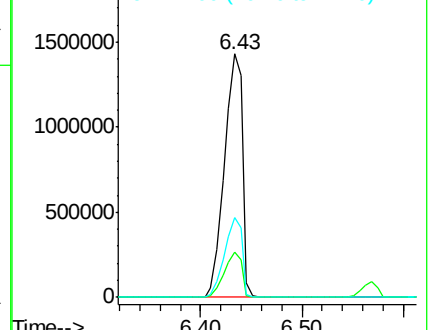
99 100

42 18.6 14.0 21.0

71 32.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.769 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

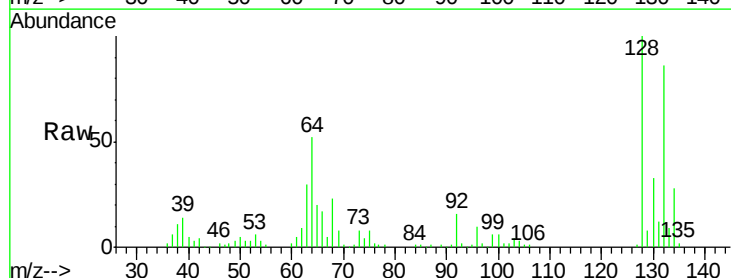
Tgt Ion:128 Resp: 86689

Ion Ratio Lower Upper

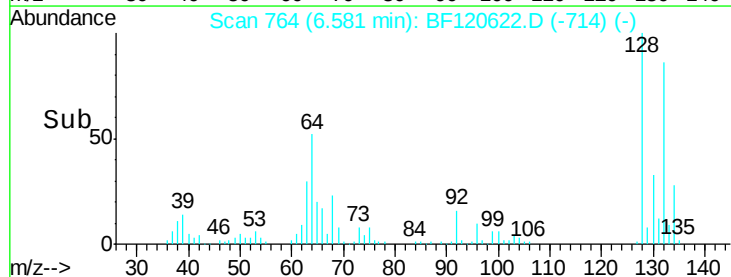
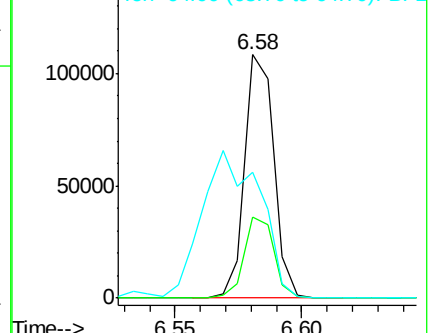
128 100

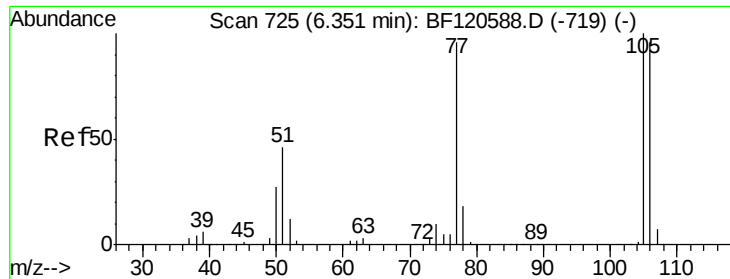
130 33.1 12.6 52.6

64 51.9 24.3 64.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1

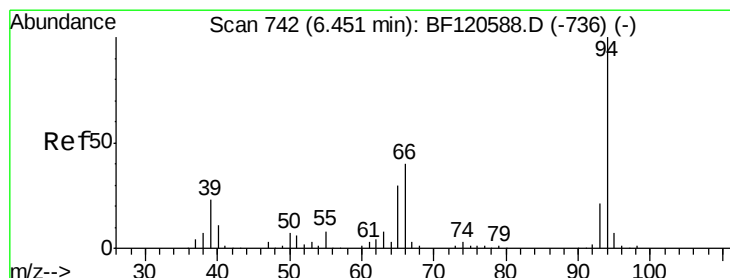
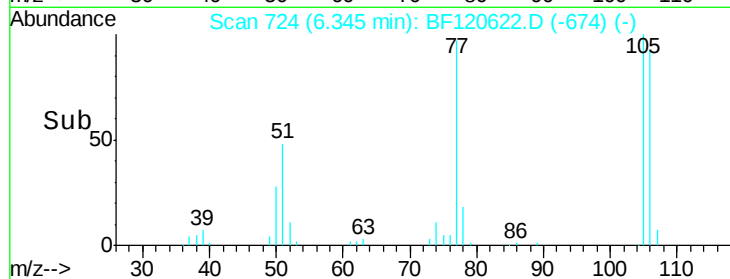
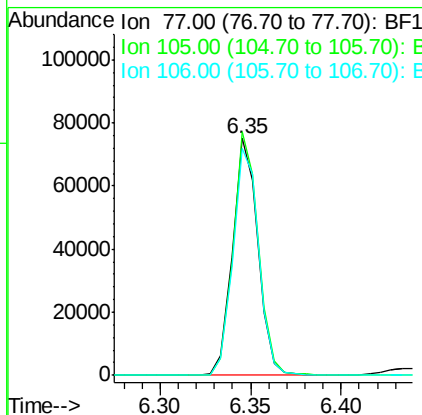
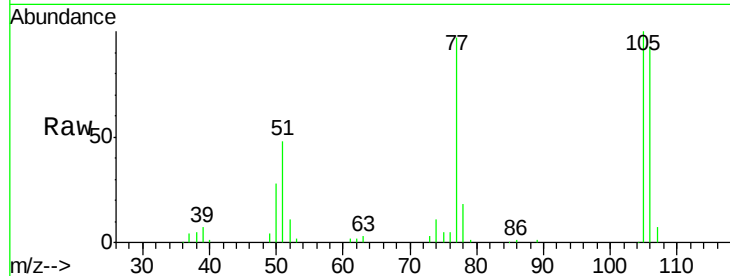




#9
Benzaldehyde
Concen: 9.384 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

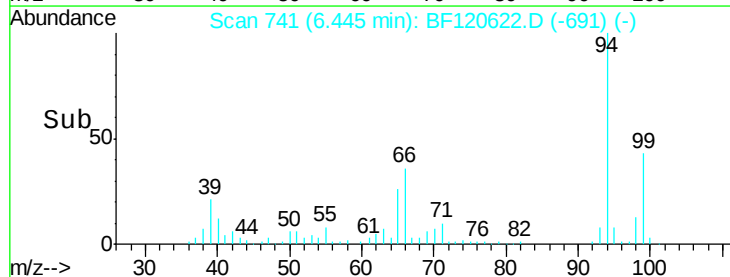
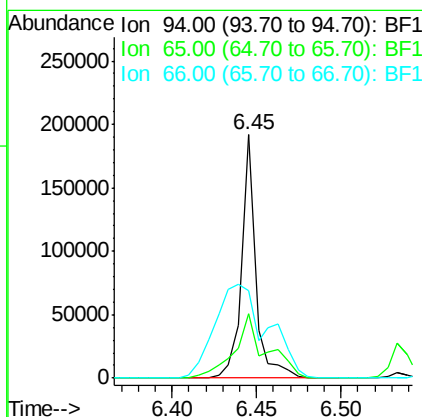
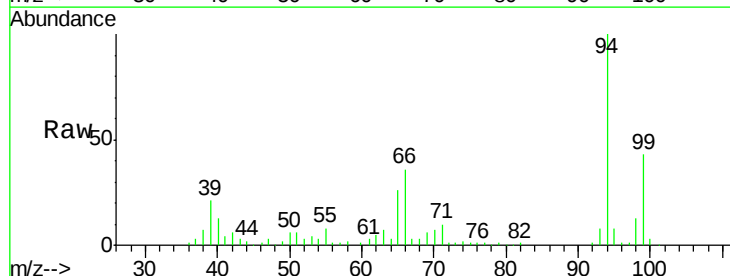
Instrument :
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ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

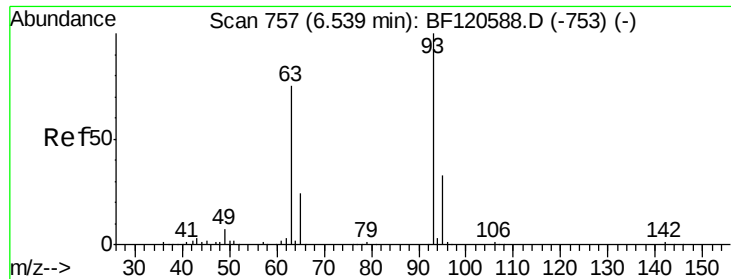
Tot Ion: 77 Resp: 72993
Ion Ratio Lower Upper
77 100
105 102.7 83.8 123.8
106 95.6 79.3 119.3



#10
Phenol
Concen: 8.501 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion: 94 Resp: 111544
Ion Ratio Lower Upper
94 100
65 26.5 9.9 49.9
66 35.8 20.1 60.1





#11

bis(2-Chloroethyl)ether

Concen: 7.855 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

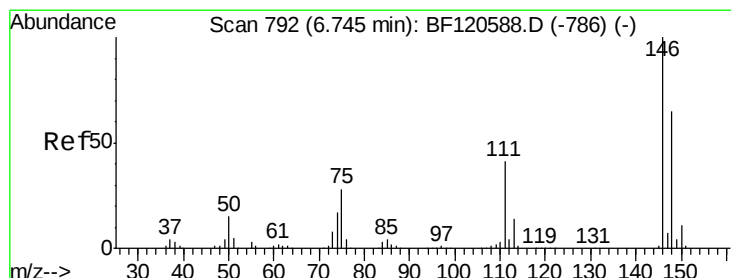
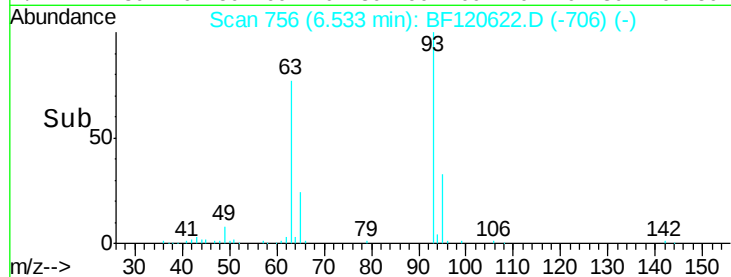
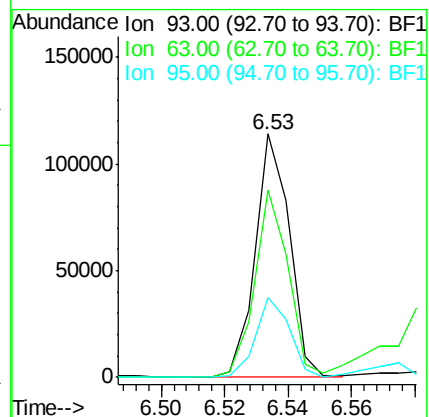
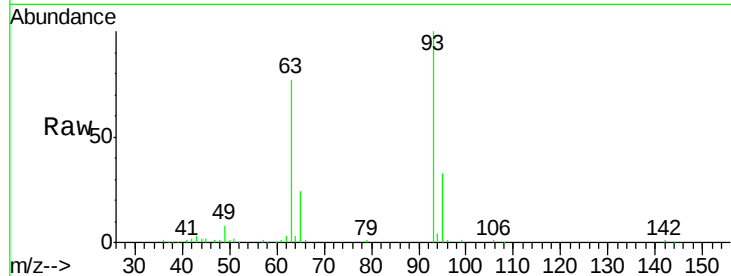
Tot Ion: 93 Resp: 85852

Ion Ratio Lower Upper

93 100

63 76.7 54.4 94.4

95 32.8 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 8.227 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

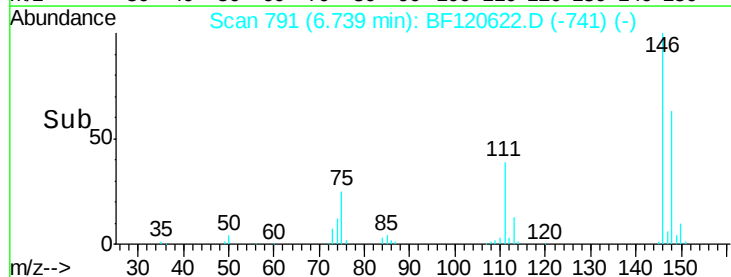
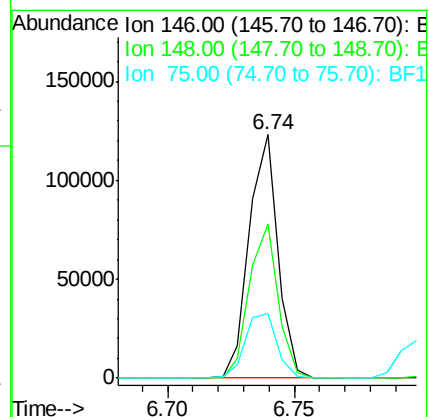
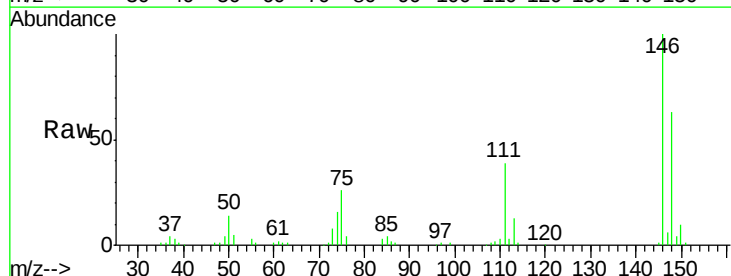
Tgt Ion: 146 Resp: 97586

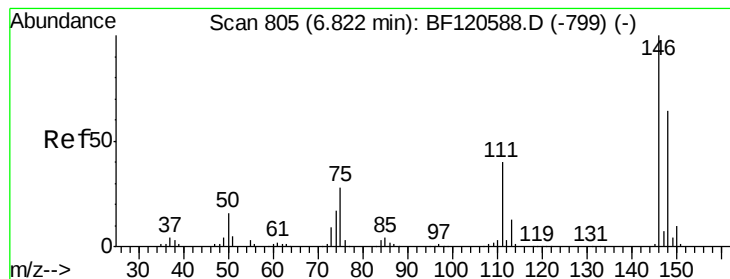
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

75 26.2 22.2 33.4





#13

1,4-Dichlorobenzene

Concen: 8.275 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

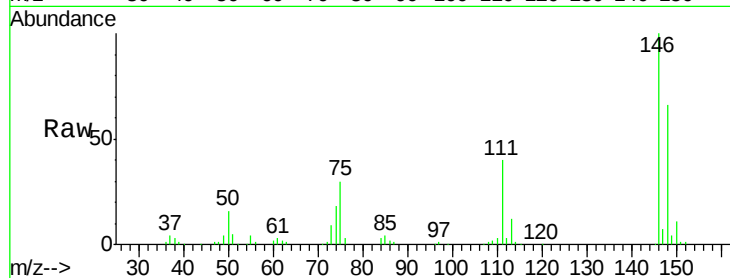
Tot Ion:146 Resp: 96847

Ion Ratio Lower Upper

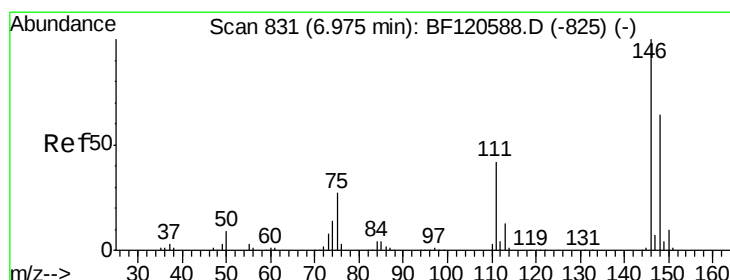
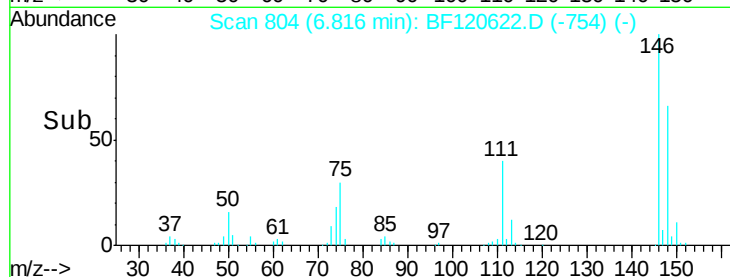
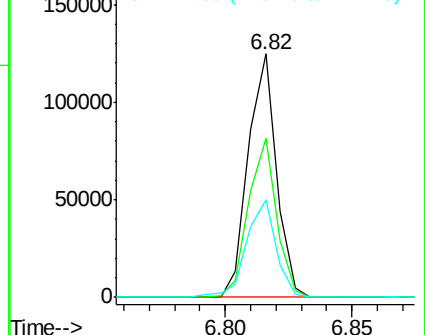
146 100

148 65.5 51.5 77.3

111 40.1 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 7.909 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

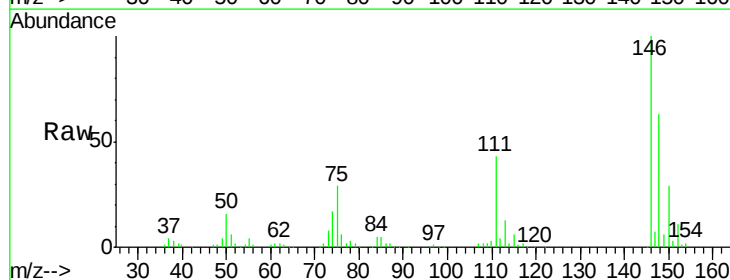
Tgt Ion:146 Resp: 90170

Ion Ratio Lower Upper

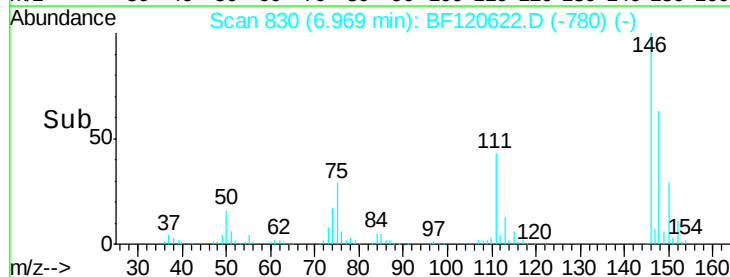
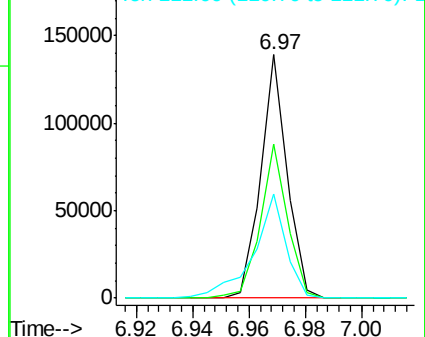
146 100

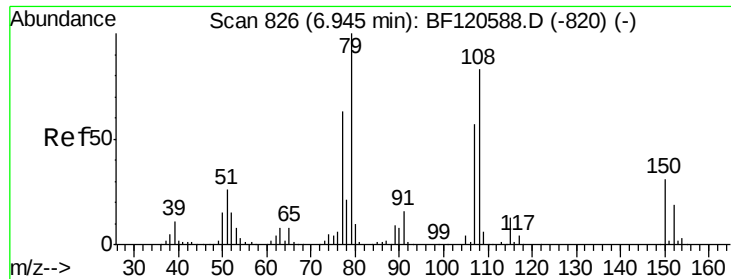
148 63.0 50.8 76.2

111 42.7 33.6 50.4



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





#15

Benzyl Alcohol

Concen: 9.191 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

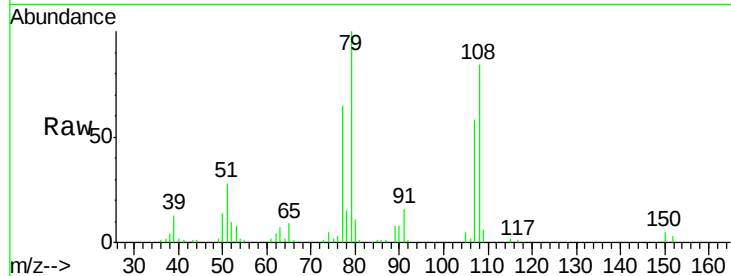
Tot Ion: 79 Resp: 80156

Ion Ratio Lower Upper

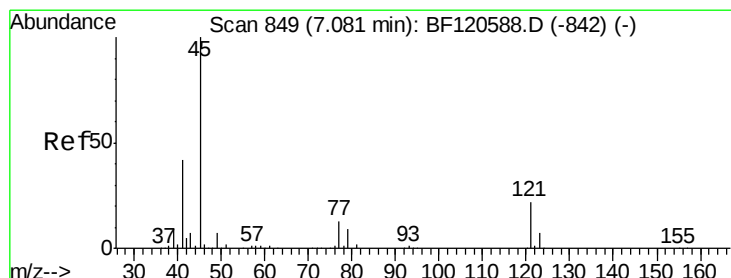
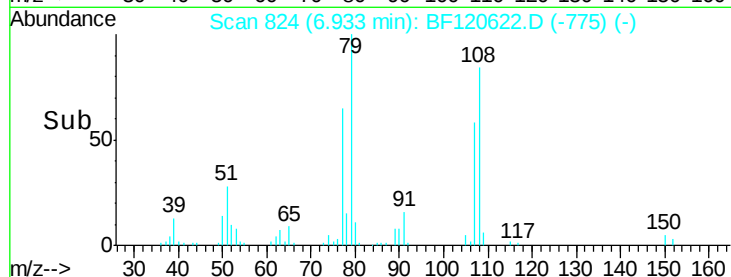
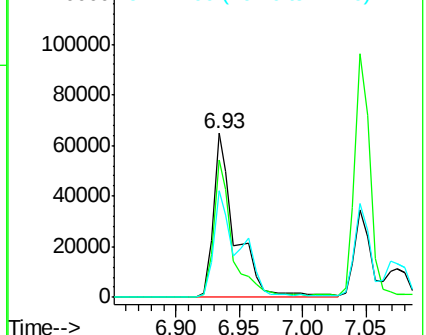
79 100

108 84.1 66.8 100.2

77 64.9 50.6 76.0



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.878 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

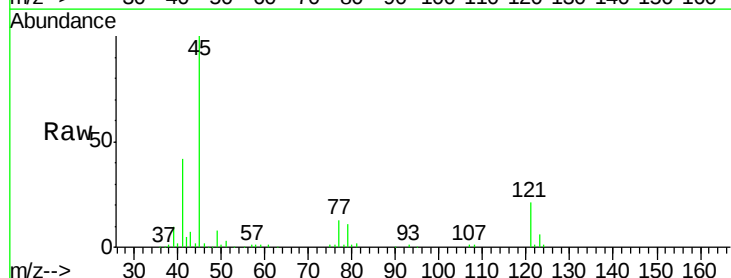
Tgt Ion: 45 Resp: 123979

Ion Ratio Lower Upper

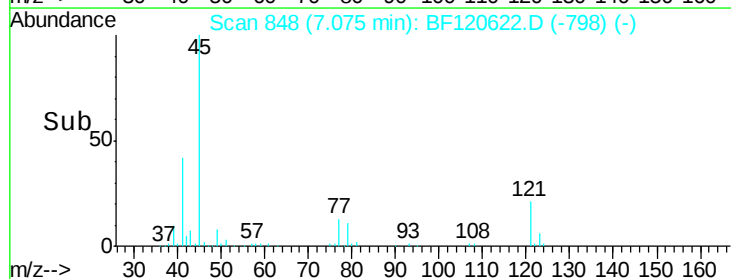
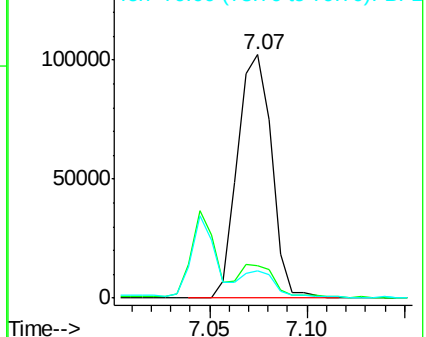
45 100

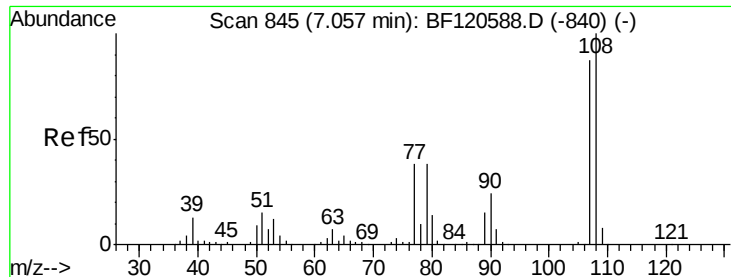
77 13.2 0.0 34.2

79 11.1 0.0 30.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 7.072 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:107 Resp: 67305

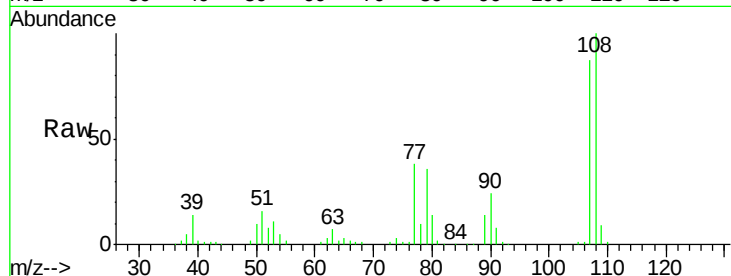
Ion Ratio Lower Upper

107 100

108 115.6 91.9 137.9

77 44.3 35.4 53.2

79 41.7 34.8 52.2

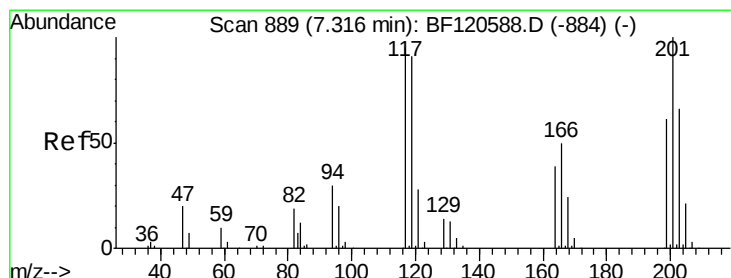
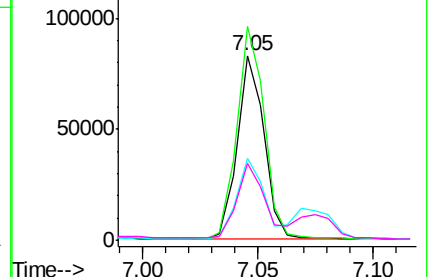
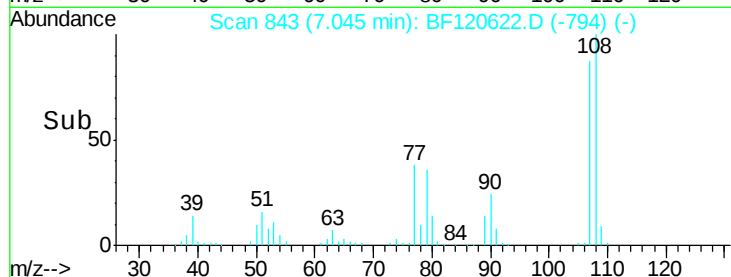


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 8.201 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

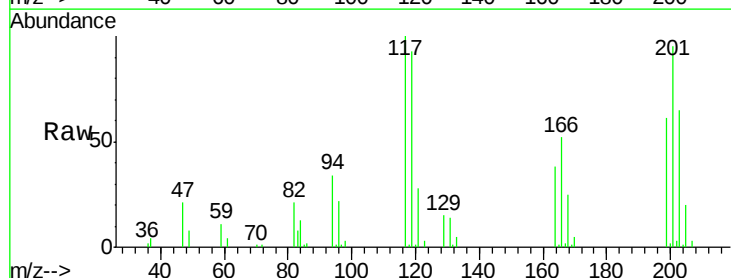
Tgt Ion:117 Resp: 35366

Ion Ratio Lower Upper

117 100

119 92.8 76.9 115.3

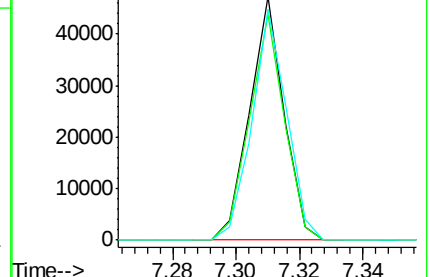
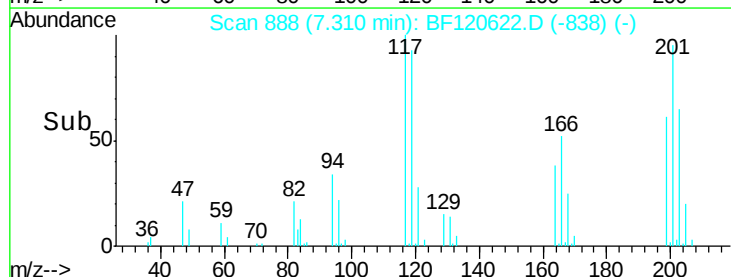
201 94.9 84.6 127.0

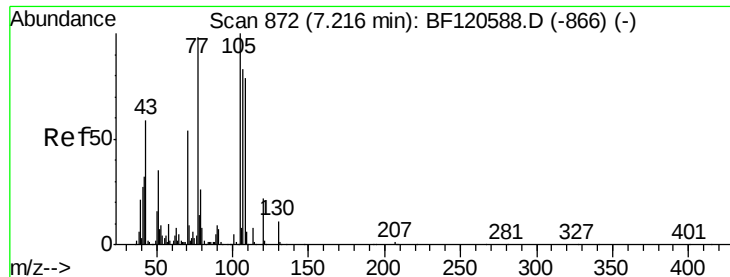


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

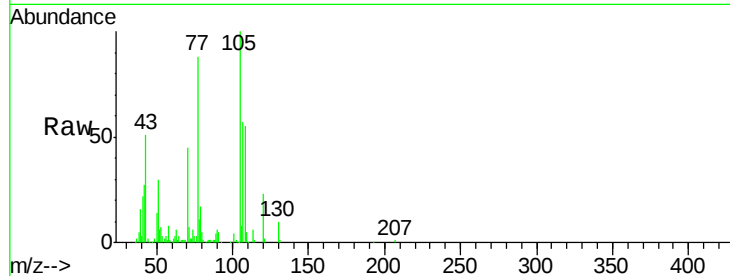




#19
n-Nitroso-di-n-propylamine
Concen: 8.430 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	70	Resp:	60138
Ion	Ratio	Lower	Upper
70	100		
42	59.9	47.7	71.5
101	9.9	7.6	11.4
130	21.8	16.7	25.1



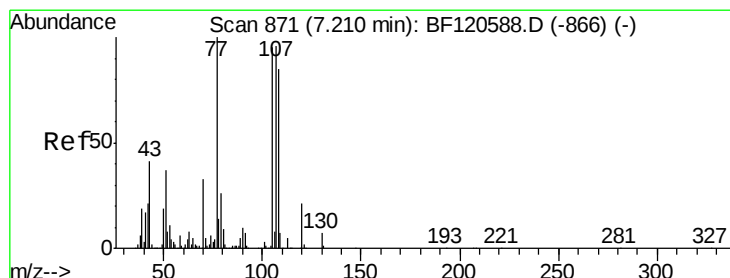
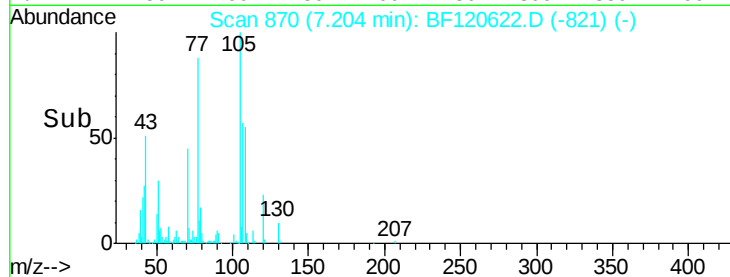
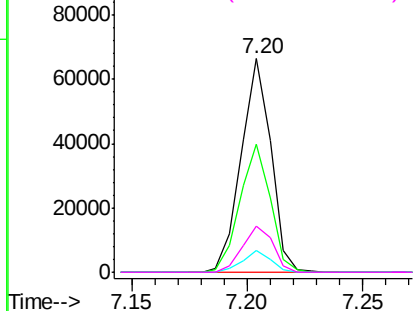
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 7.582 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:	107	Resp:	90163
Ion	Ratio	Lower	Upper
107	100		
108	96.1	68.7	108.7
77	154.8	84.2	124.2#
79	29.0	6.8	46.8

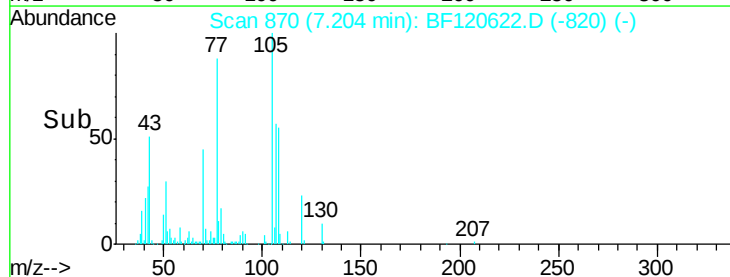
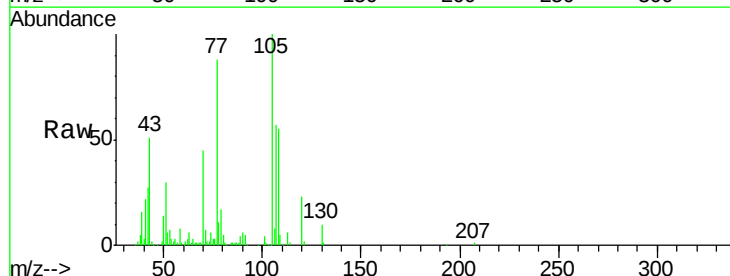
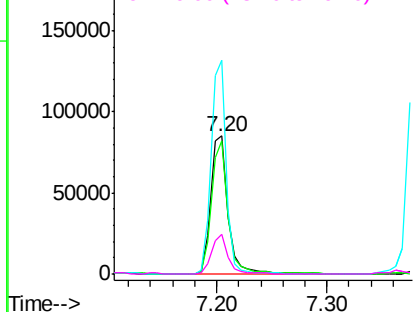
Abundance

Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

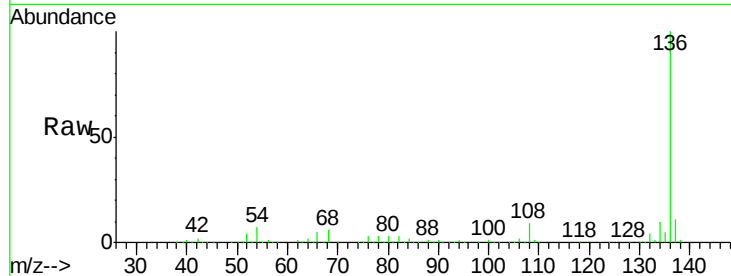




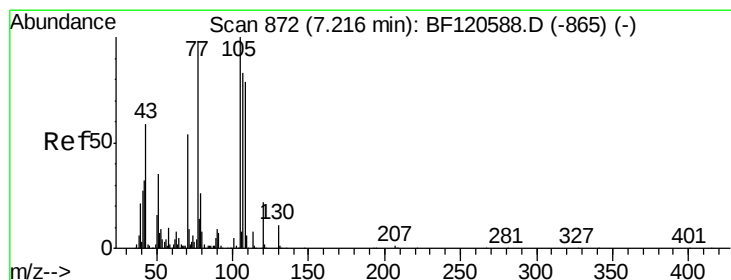
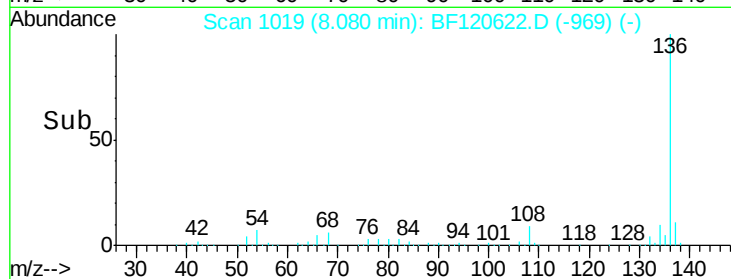
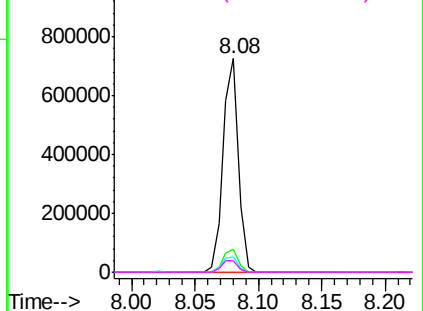
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:136	Resp:	612566
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.6 13.0
54	7.1	5.8 8.6
68	5.7	4.4 6.6

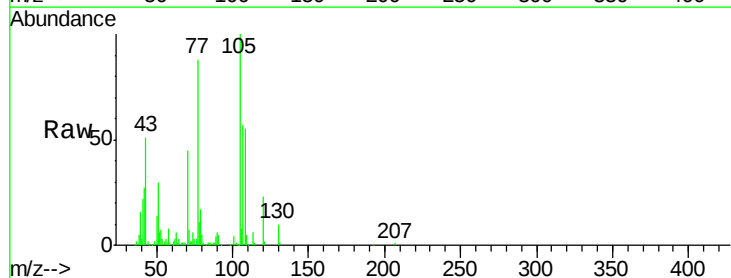


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

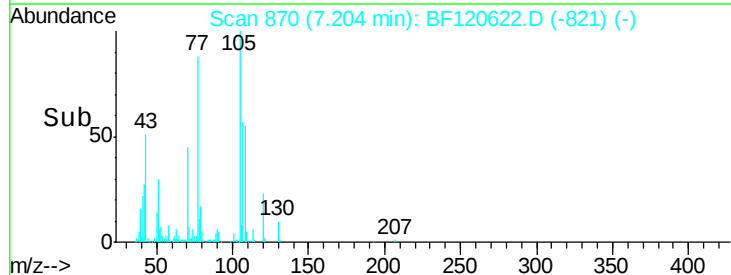
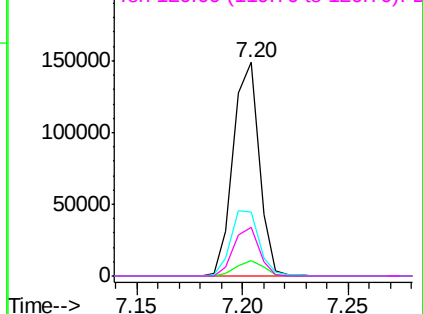


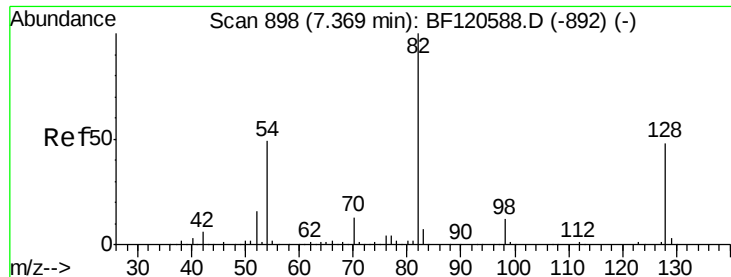
#22
Acetophenone
Concen: 9.218 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:105	Resp:	126237
Ion Ratio	Lower	Upper
105	100	
71	7.3	7.2 10.8
51	29.9	27.8 41.8
120	22.9	18.0 27.0



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

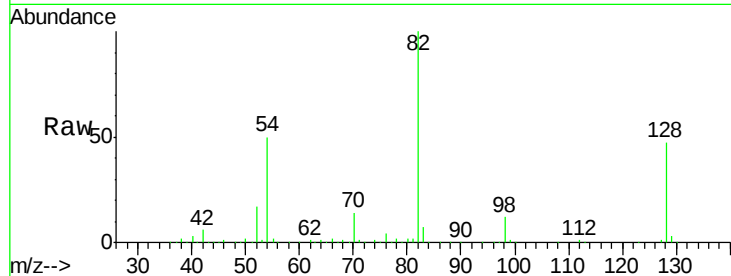




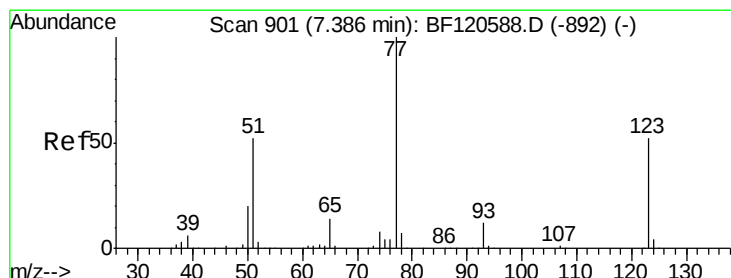
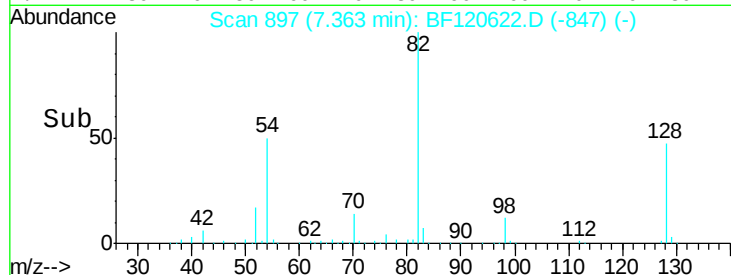
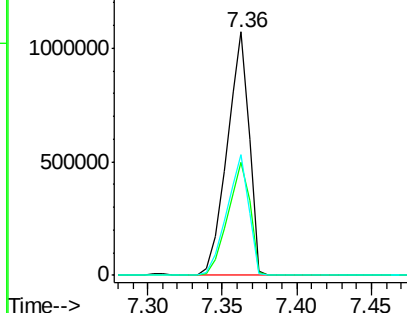
#23
 Nitrobenzene-d5
 Concen: 101.940 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion: 82 Resp: 1117145
 Ion Ratio Lower Upper
 82 100
 128 46.5 38.0 57.0
 54 49.6 38.8 58.2

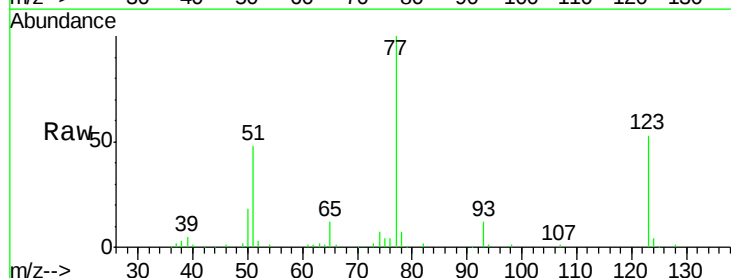


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

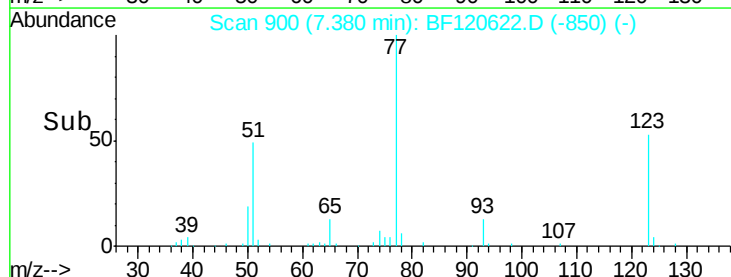
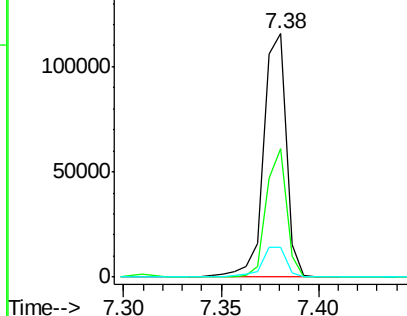


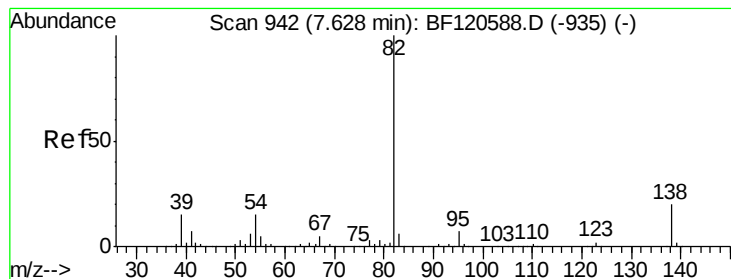
#24
 Nitrobenzene
 Concen: 8.131 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion: 77 Resp: 93251
 Ion Ratio Lower Upper
 77 100
 123 52.6 41.4 62.0
 65 12.5 11.0 16.4



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





#25

Isophorone

Concen: 7.639 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

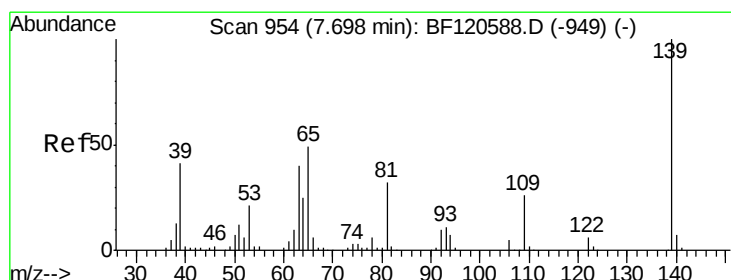
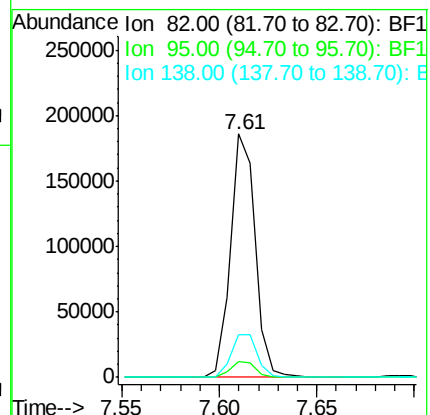
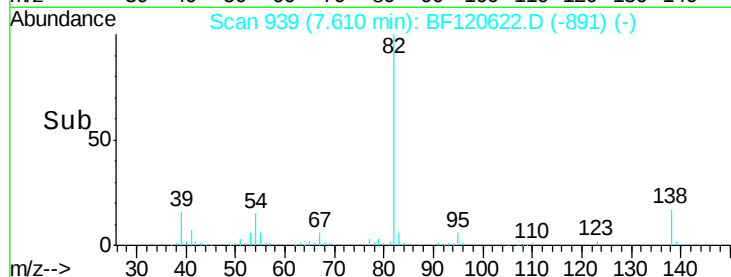
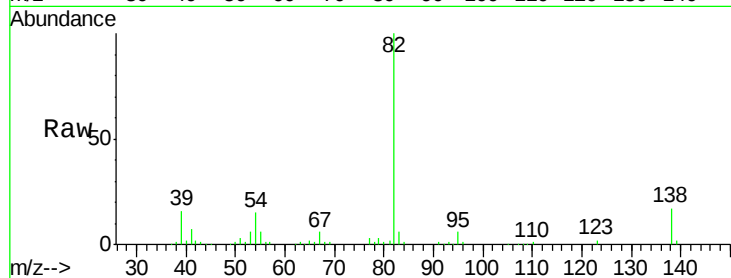
Tot Ion: 82 Resp: 163067

Ion Ratio Lower Upper

82 100

95 6.4 5.7 8.5

138 17.5 16.2 24.4



#26

2-Nitrophenol

Concen: 7.140 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

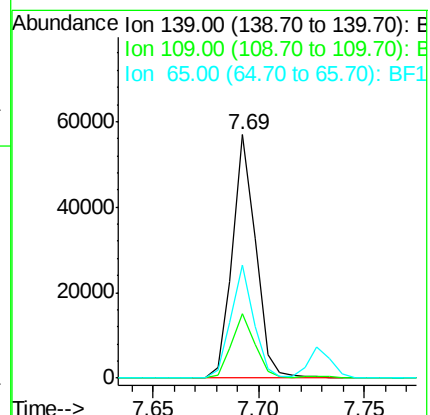
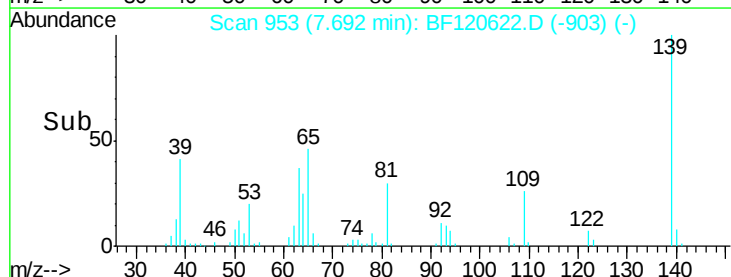
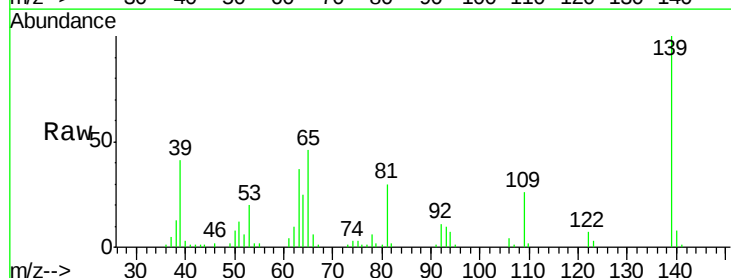
Tgt Ion: 139 Resp: 43318

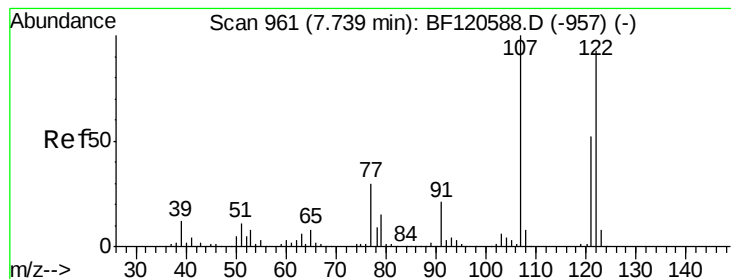
Ion Ratio Lower Upper

139 100

109 26.5 21.1 31.7

65 46.4 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 6.794 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

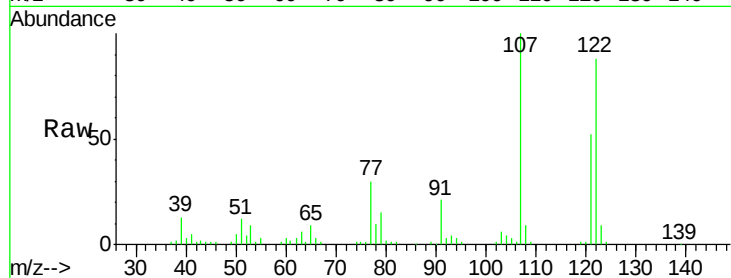
Tot Ion:122 Resp: 60692

Ion Ratio Lower Upper

122 100

107 114.0 86.4 129.6

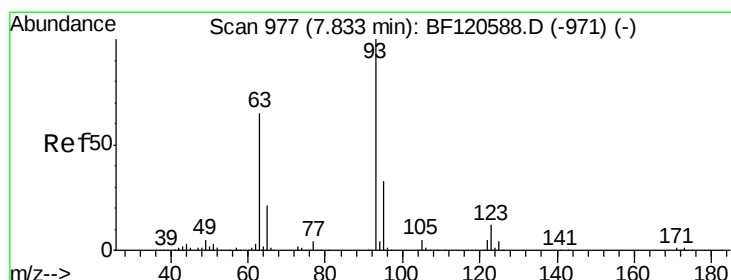
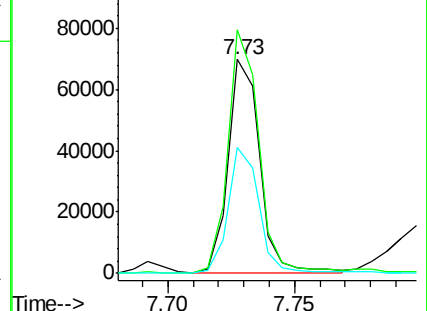
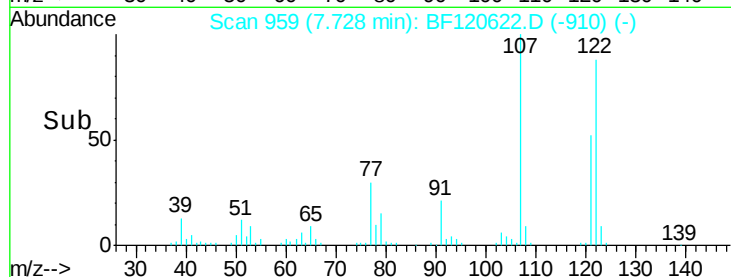
121 59.1 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.603 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

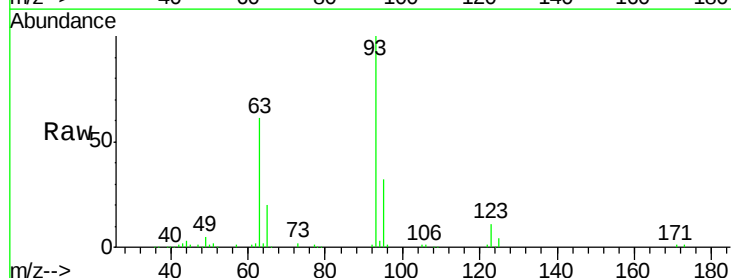
Tgt Ion: 93 Resp: 106461

Ion Ratio Lower Upper

93 100

95 31.8 26.2 39.4

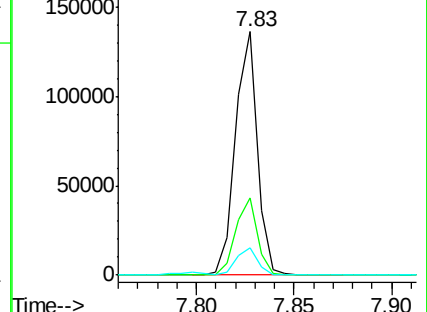
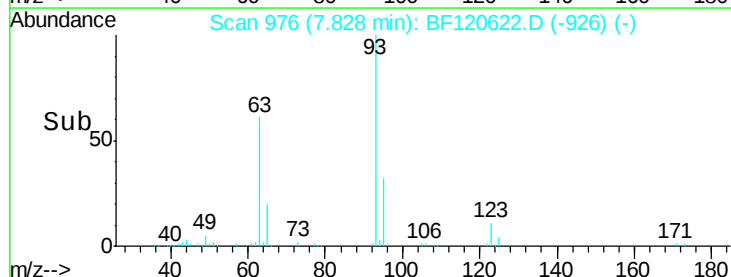
123 11.4 9.5 14.3

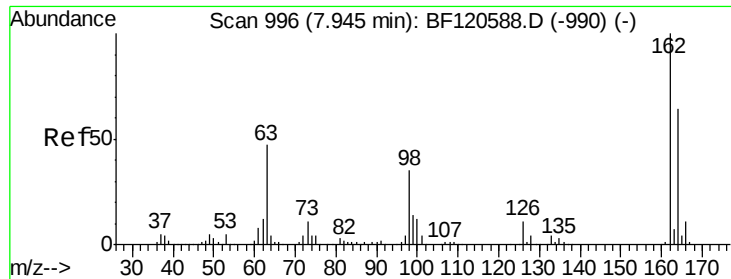


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

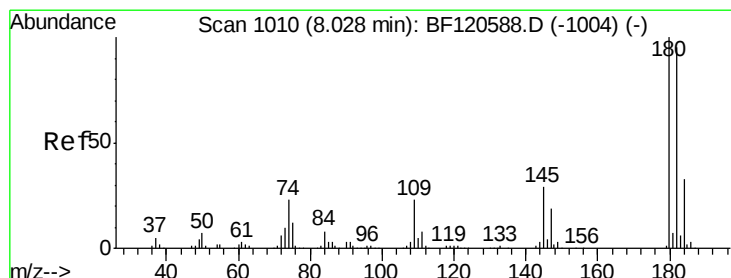
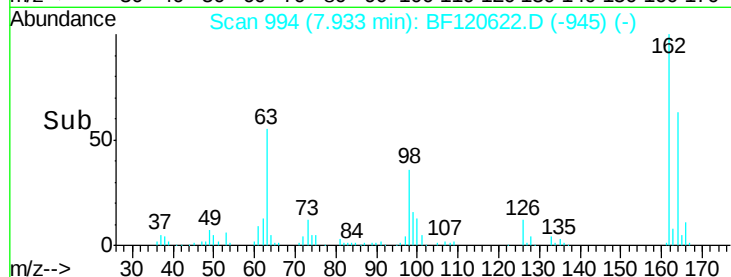
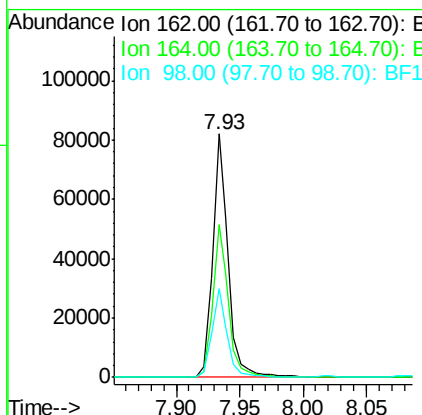
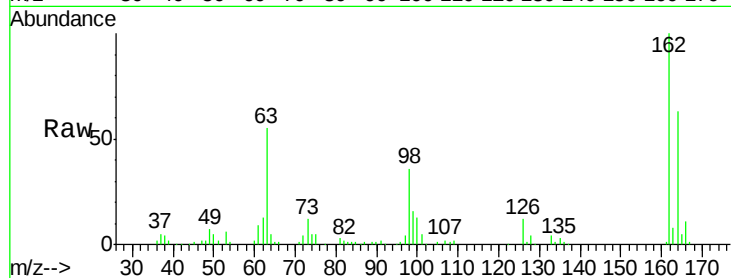




#29
2,4-Dichlorophenol
Concen: 7.794 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

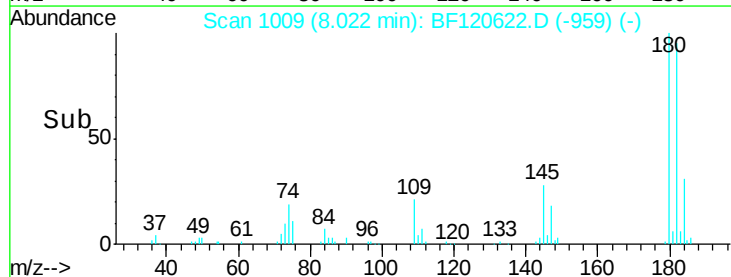
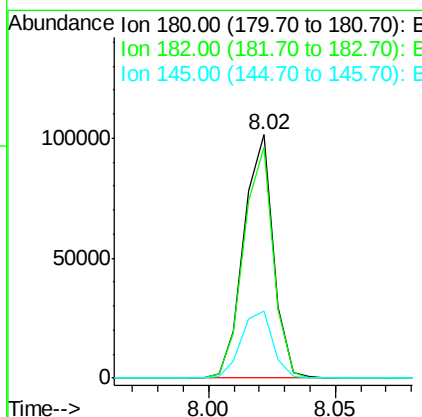
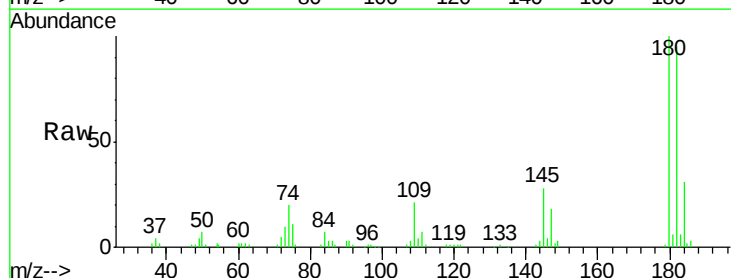
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

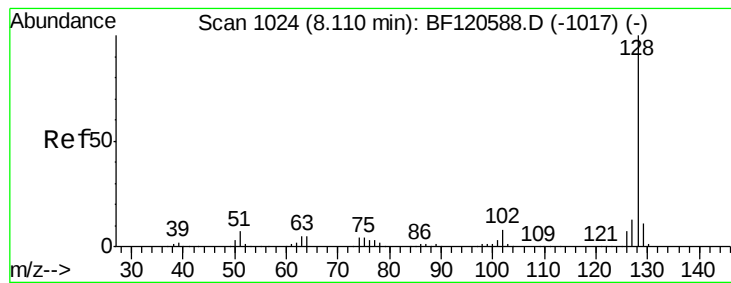
Tot Ion:162 Resp: 70777
Ion Ratio Lower Upper
162 100
164 62.7 44.1 84.1
98 36.2 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 8.179 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:180 Resp: 82307
Ion Ratio Lower Upper
180 100
182 94.6 75.8 113.6
145 27.6 23.0 34.6





#31

Naphthalene

Concen: 8.847 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

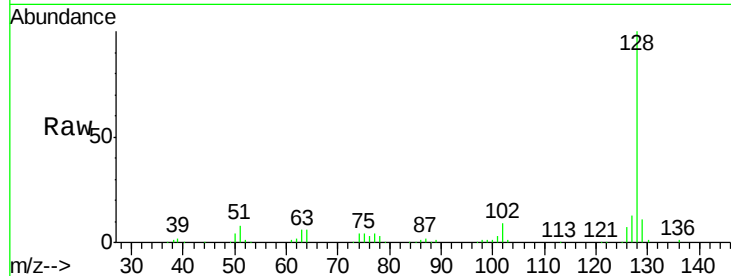
Tot Ion:128 Resp: 266101

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

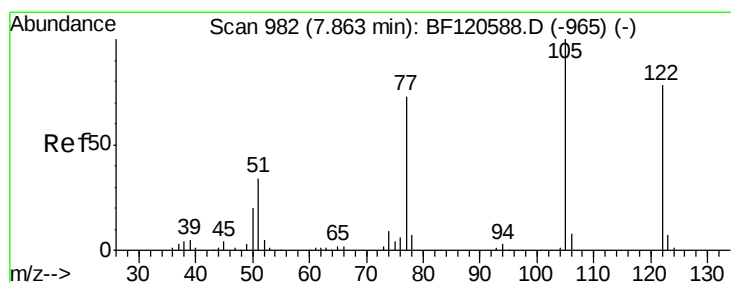
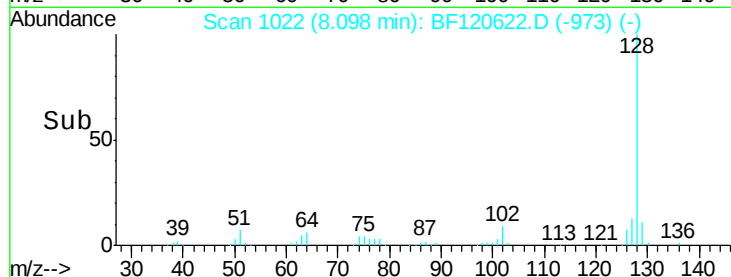
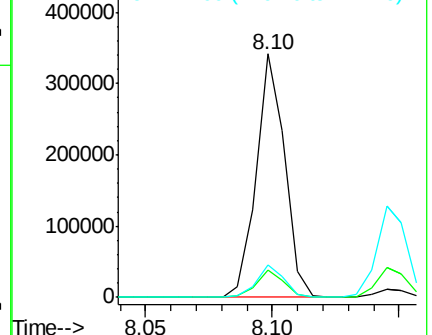
127 13.1 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.654 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

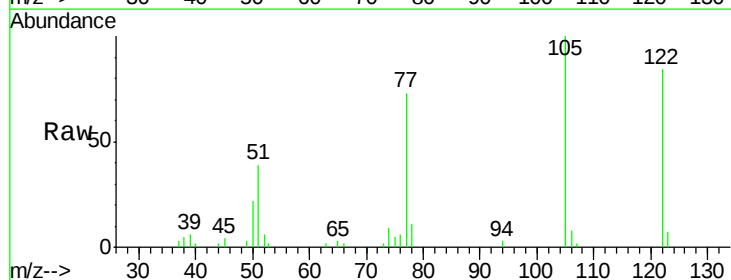
Tgt Ion:122 Resp: 25046

Ion Ratio Lower Upper

122 100

105 119.4 101.0 141.0

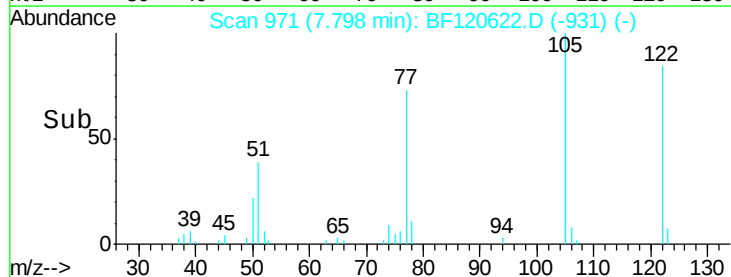
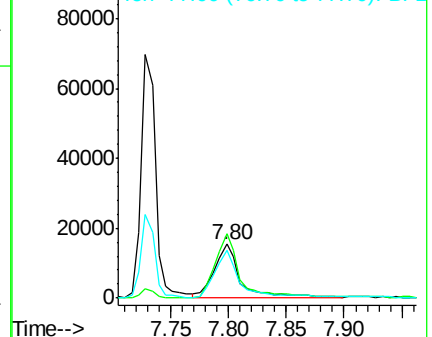
77 87.6 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

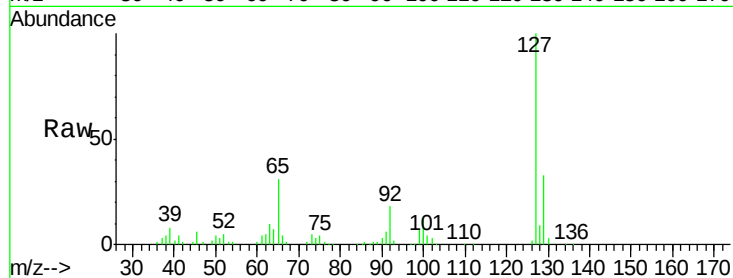




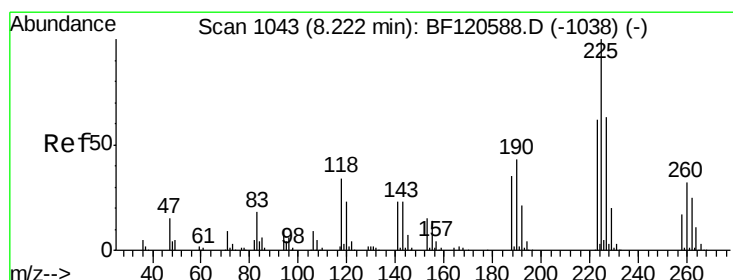
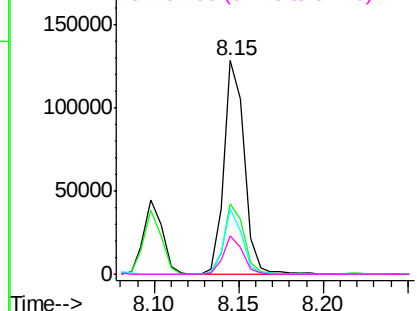
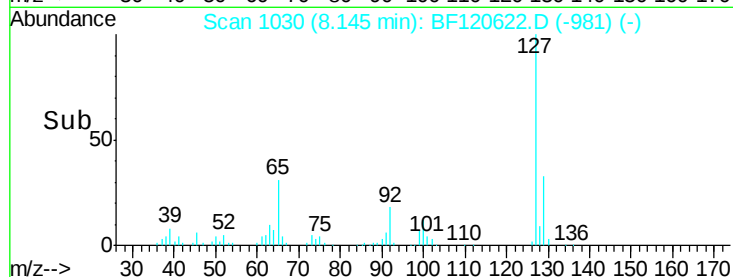
#33
4-Chloroaniline
Concen: 7.840 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	127	Resp:	108241
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	30.7	22.2	33.4
92	18.3	14.2	21.2

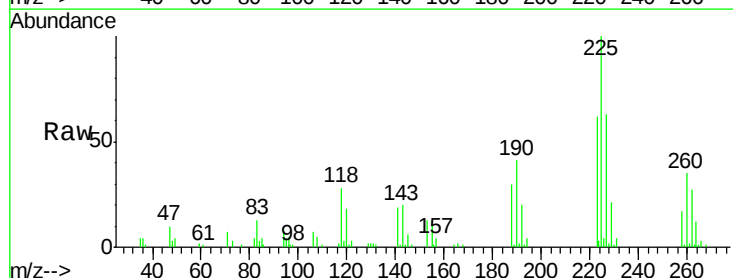


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

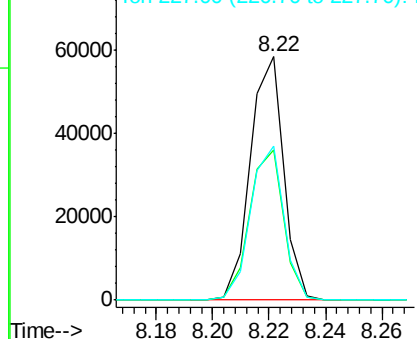
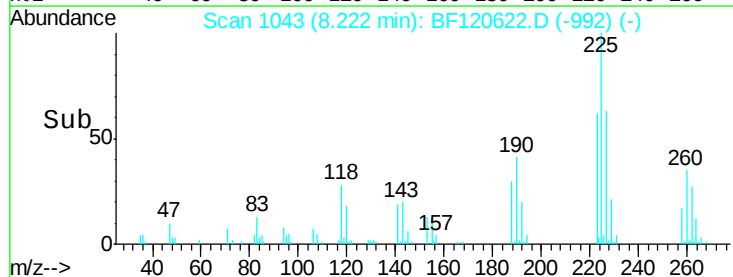


#34
Hexachlorobutadiene
Concen: 8.172 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:	225	Resp:	47933
Ion	Ratio	Lower	Upper
225	100		
223	61.9	49.9	74.9
227	63.3	50.5	75.7



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

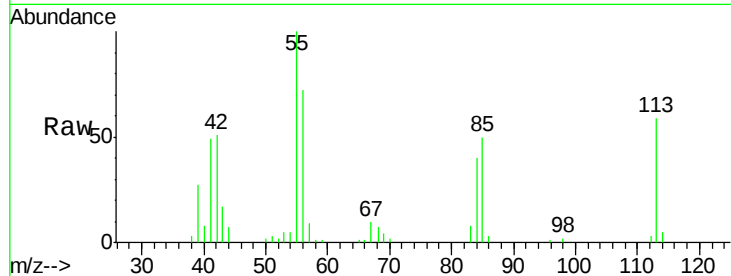




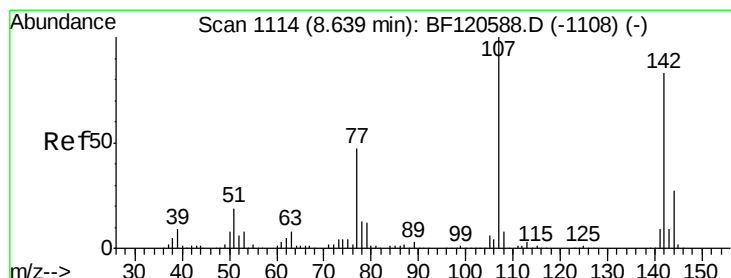
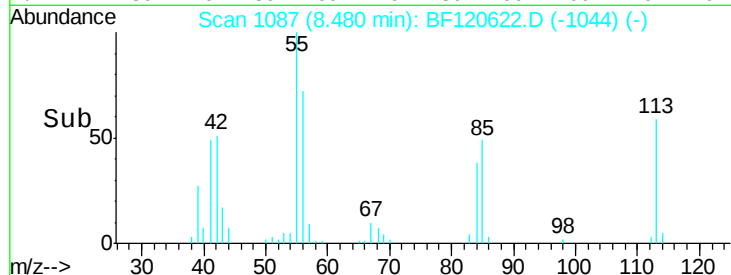
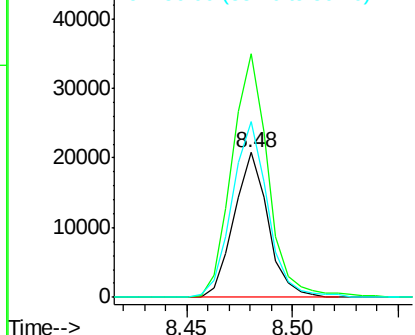
#35
Caprolactam
Concen: 8.014 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:113 Resp: 23275
Ion Ratio Lower Upper
113 100
55 168.2 133.1 173.1
56 121.8 98.4 138.4

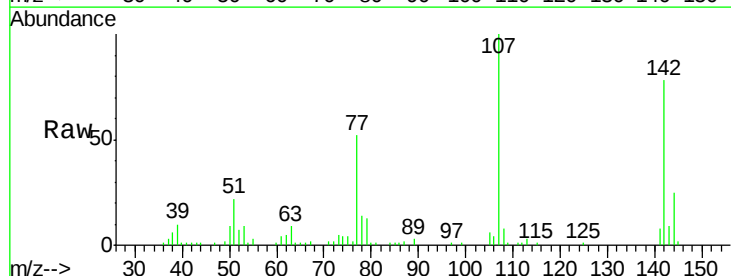


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

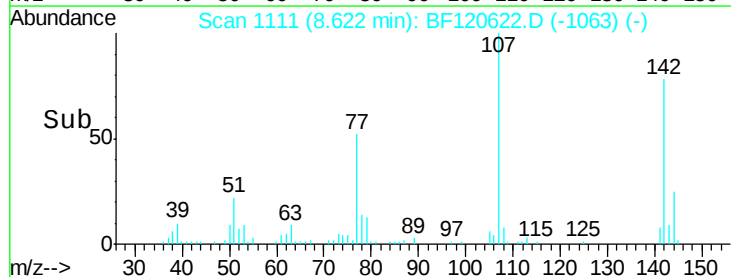
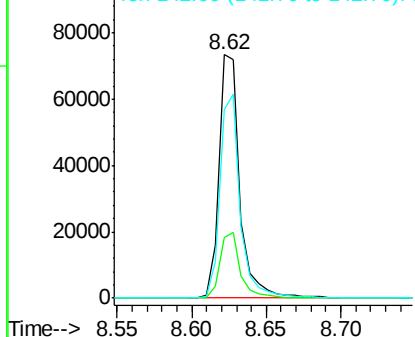


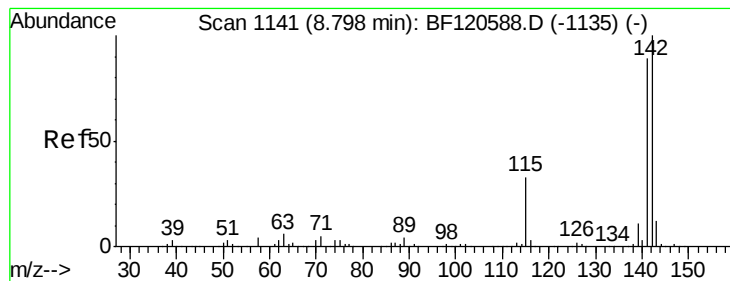
#36
4-Chloro-3-methylphenol
Concen: 7.929 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:107 Resp: 71935
Ion Ratio Lower Upper
107 100
144 24.8 21.4 32.2
142 77.5 66.3 99.5



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 9.067 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

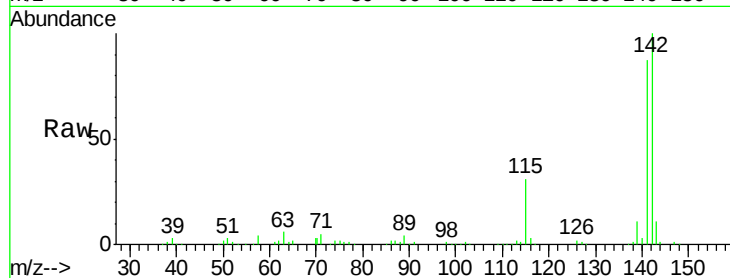
Tot Ion:142 Resp: 178040

Ion Ratio Lower Upper

142 100

141 87.1 71.4 107.0

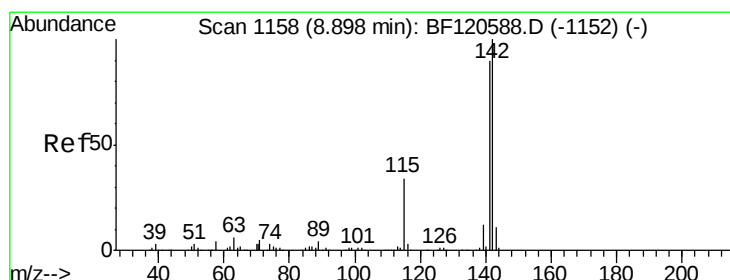
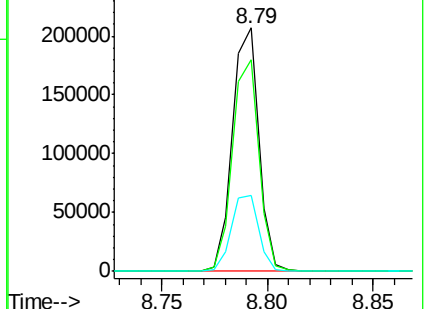
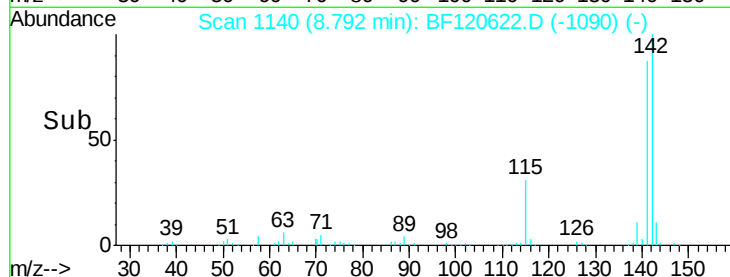
115 31.4 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 9.086 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

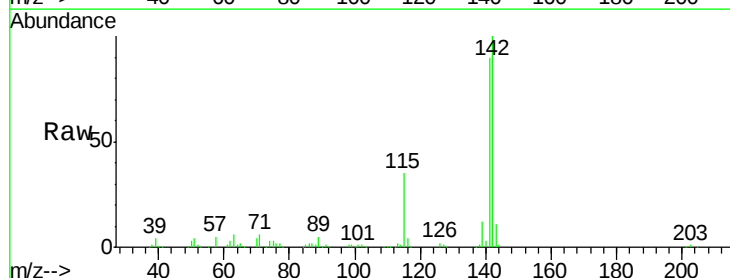
Tgt Ion:142 Resp: 167874

Ion Ratio Lower Upper

142 100

141 89.9 72.1 108.1

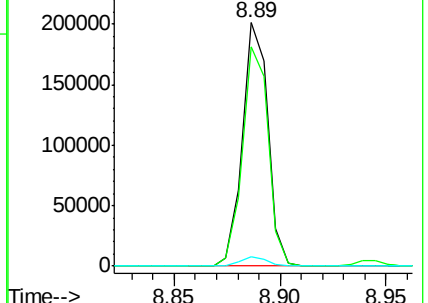
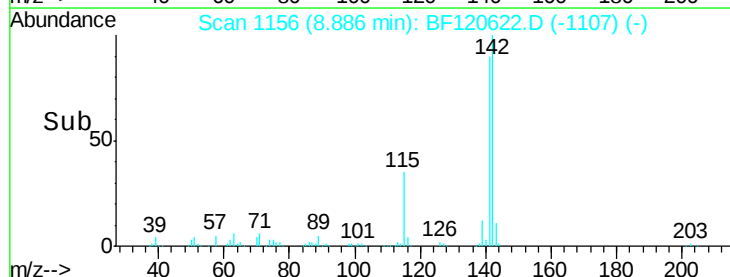
116 3.9 2.7 4.1

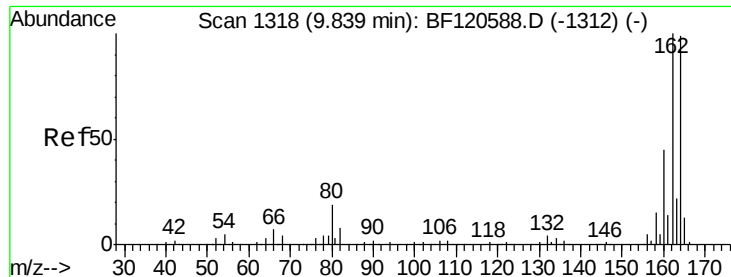


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

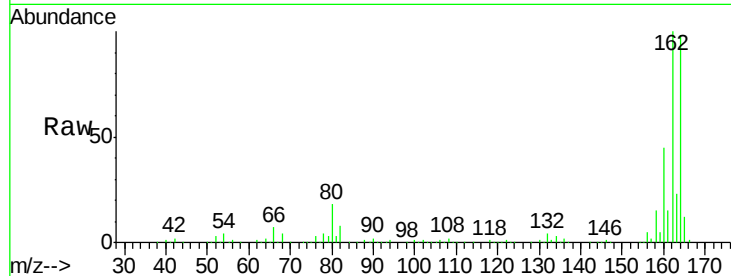




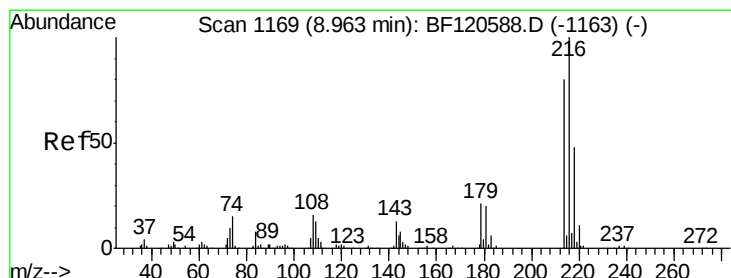
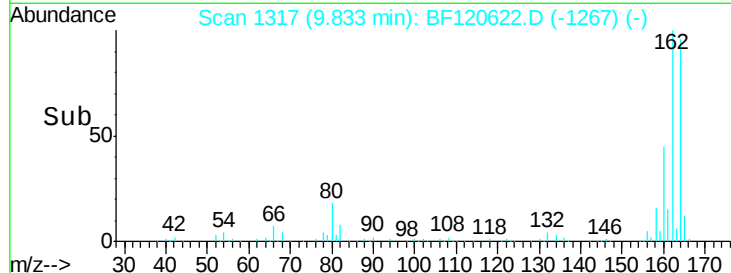
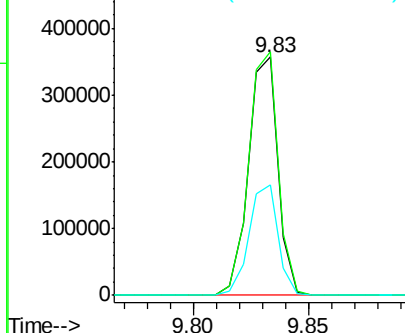
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.2	80.6	120.8
160	46.3	36.2	54.2



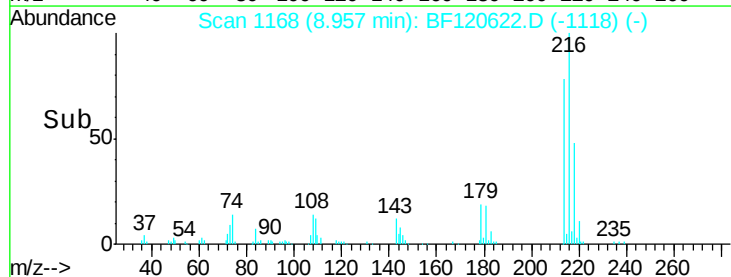
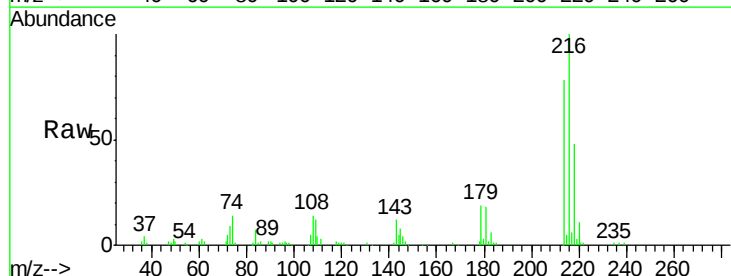
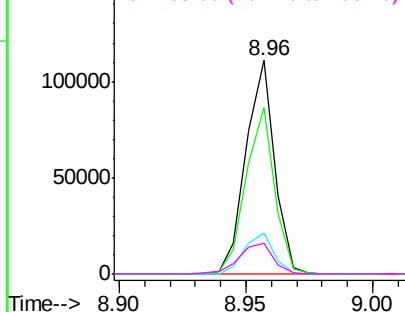
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

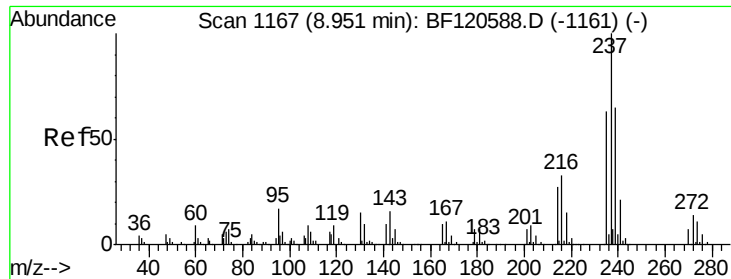


#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 9.112 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	63.8	95.6
179	19.8	16.4	24.6
108	16.8	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

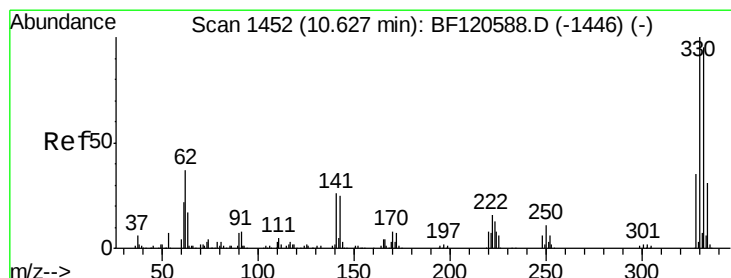
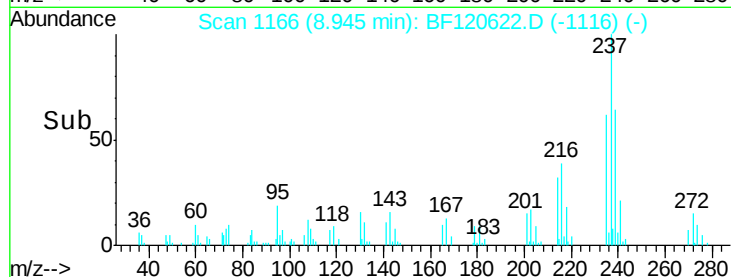
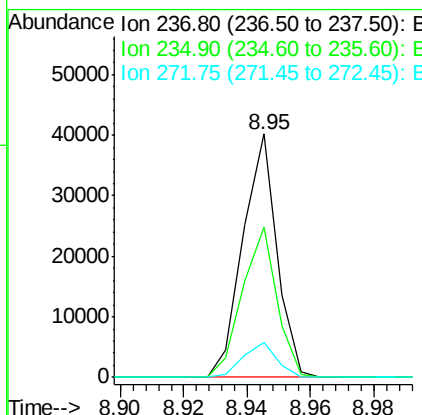
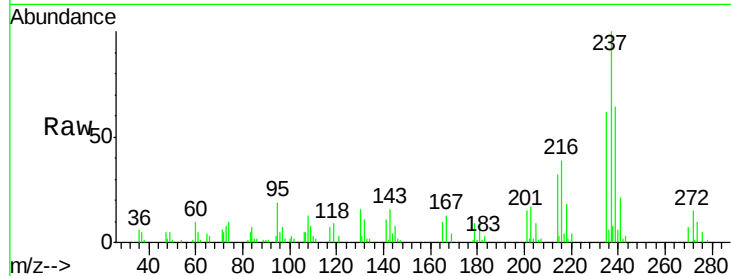




#41
Hexachlorocyclopentadiene
Concen: 5.579 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

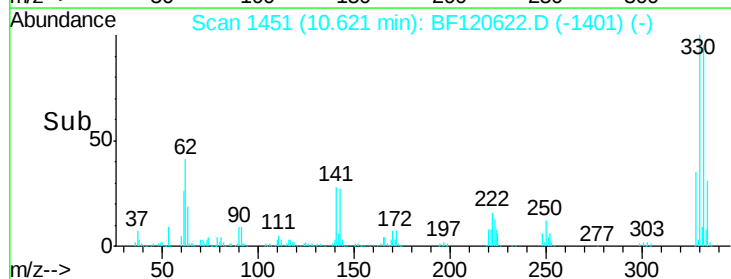
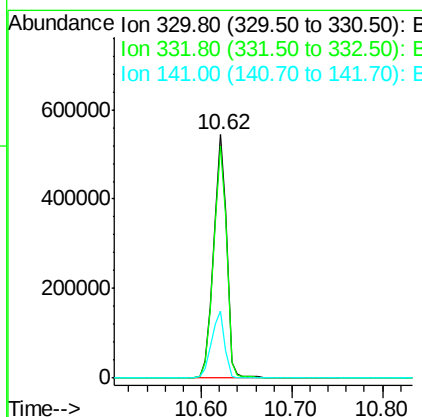
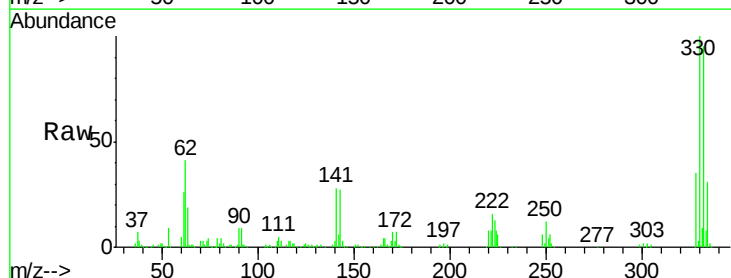
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:237 Resp: 29914
Ion Ratio Lower Upper
237 100
235 61.9 43.2 83.2
272 14.6 0.0 33.9



#42
2,4,6-Tribromophenol
Concen: 147.012 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:330 Resp: 547707
Ion Ratio Lower Upper
330 100
332 96.0 76.8 115.2
141 28.3 23.2 34.8

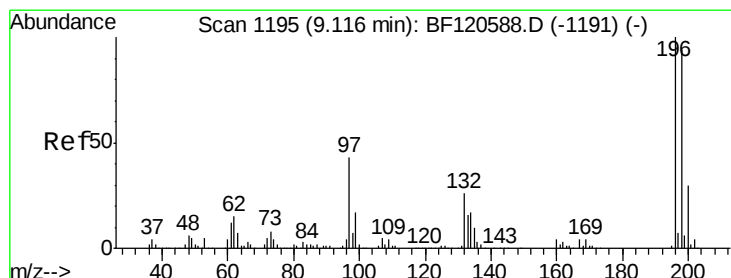
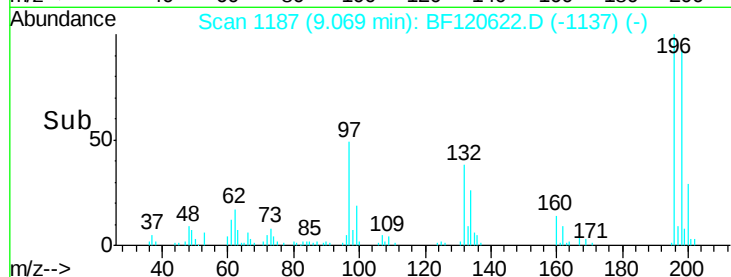
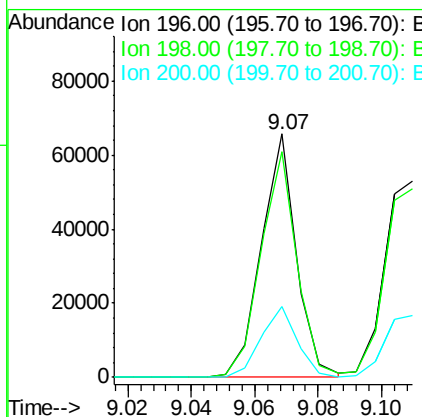
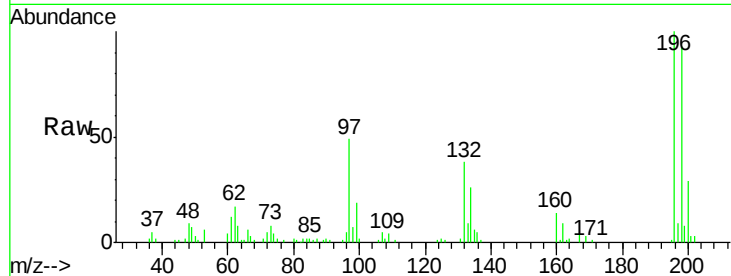




#43
 2,4,6-Trichlorophenol
 Concen: 7.425 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

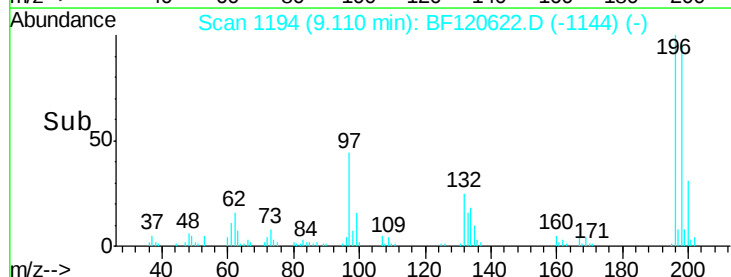
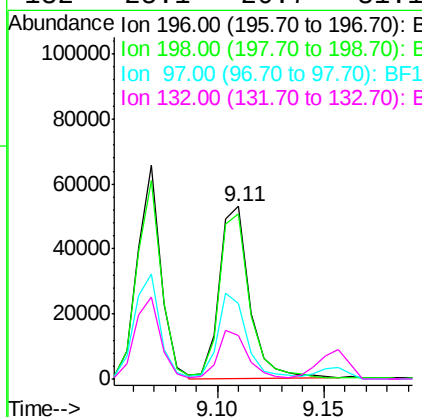
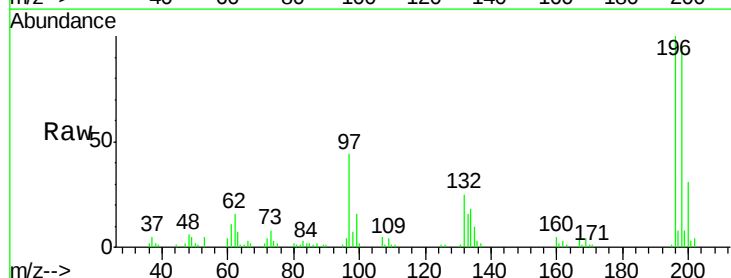
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

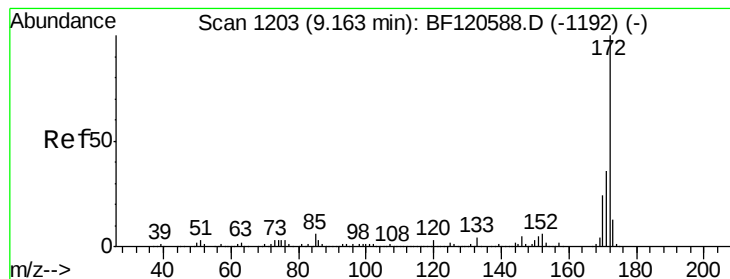
Tot Ion:196 Resp: 50397
 Ion Ratio Lower Upper
 196 100
 198 92.8 76.2 114.2
 200 28.9 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 6.819 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion:196 Resp: 52509
 Ion Ratio Lower Upper
 196 100
 198 95.7 75.5 113.3
 97 43.6 34.4 51.6
 132 25.1 20.7 31.1





#45

2-Fluorobiphenyl

Concen: 93.929 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

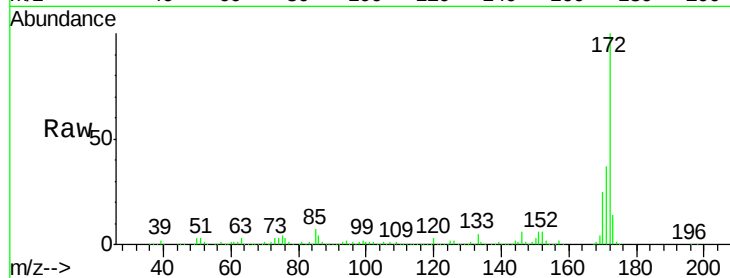
Tot Ion:172 Resp: 1967267

Ion Ratio Lower Upper

172 100

171 36.5 29.0 43.4

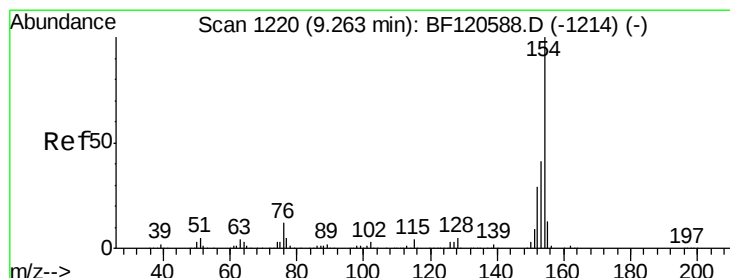
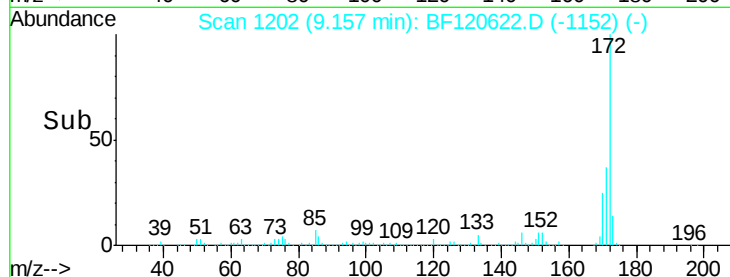
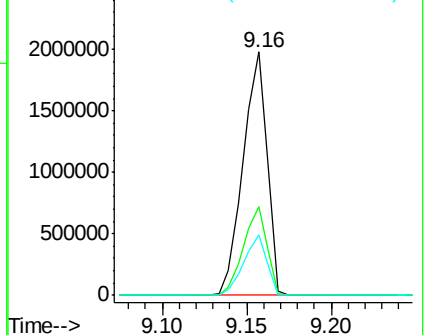
170 24.9 19.4 29.2



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: 9.537 ng

RT: 9.25 min Scan# 1218

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

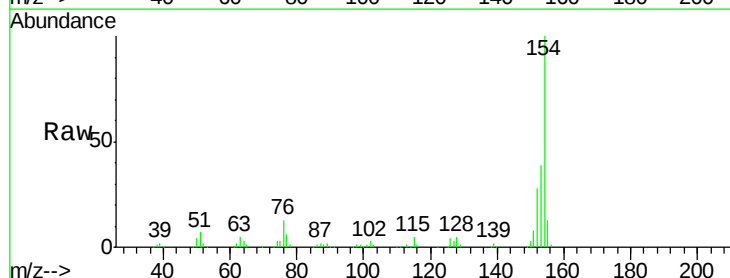
Tgt Ion:154 Resp: 228200

Ion Ratio Lower Upper

154 100

153 39.3 21.4 61.4

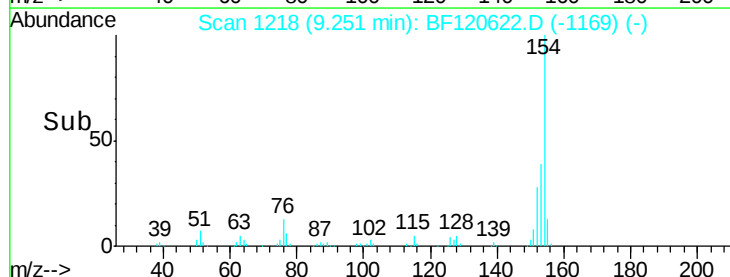
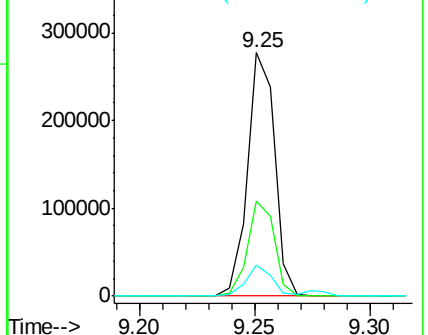
76 12.8 0.0 31.6

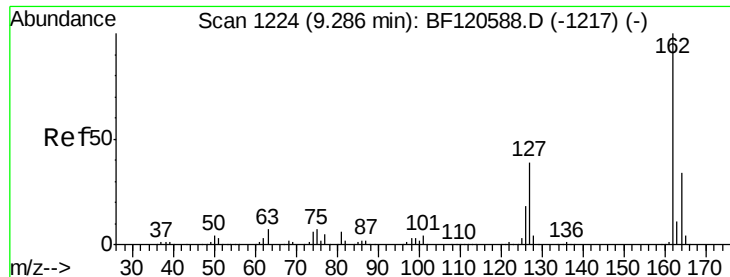


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

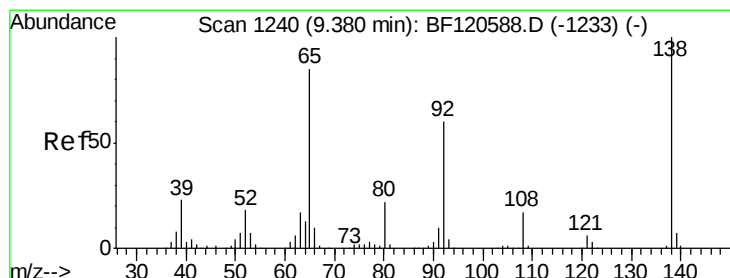
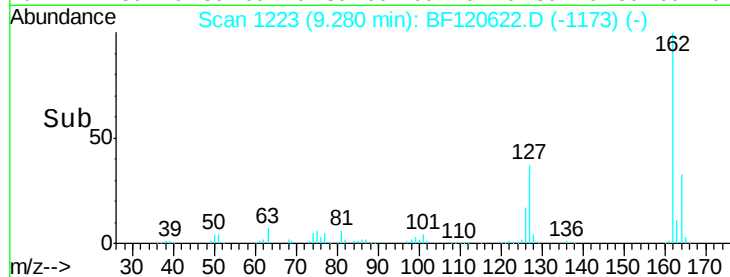
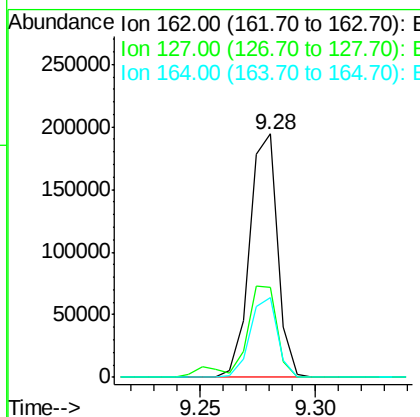
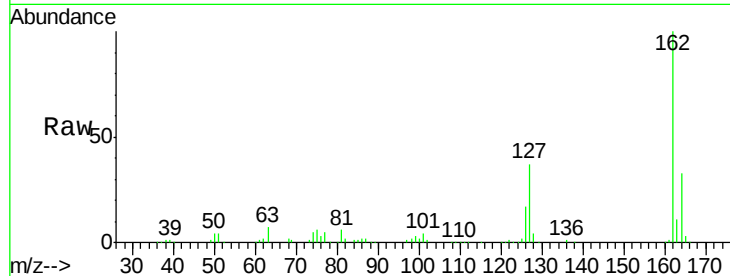




#47
 2-Chloronaphthalene
 Concen: 8.417 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

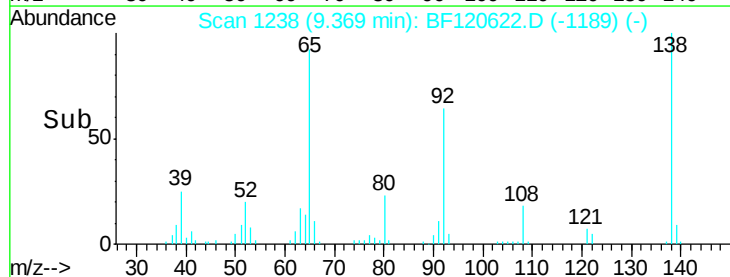
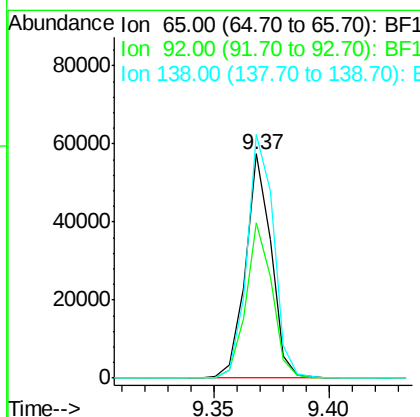
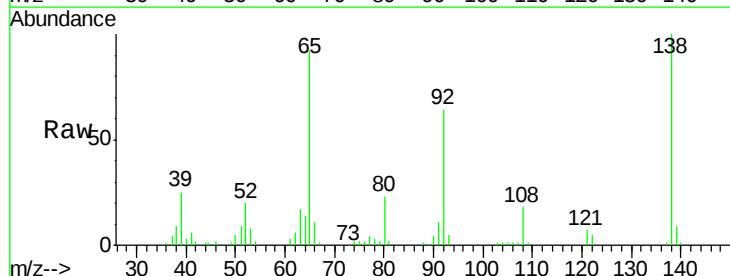
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

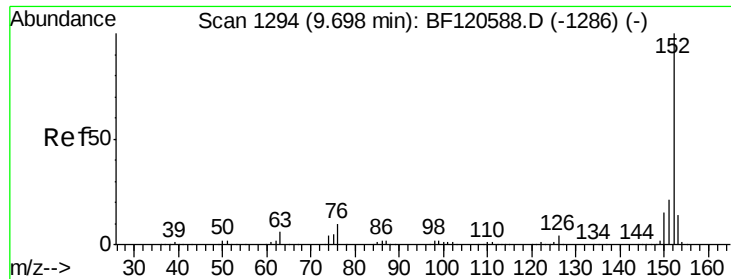
Tot Ion:162 Resp: 164694
 Ion Ratio Lower Upper
 162 100
 127 37.0 31.3 46.9
 164 32.8 26.9 40.3



#48
 2-Nitroaniline
 Concen: 7.255 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion: 65 Resp: 44584
 Ion Ratio Lower Upper
 65 100
 92 69.5 56.0 84.0
 138 108.8 94.0 141.0





#49

Acenaphthylene

Concen: 8.735 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

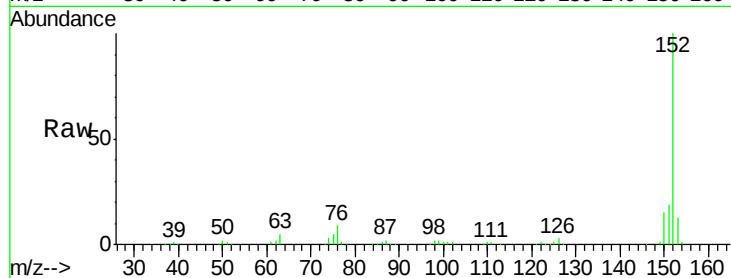
Tot Ion:152 Resp: 263787

Ion Ratio Lower Upper

152 100

151 19.2 16.6 25.0

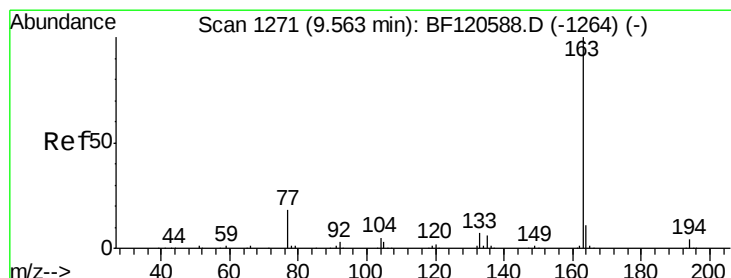
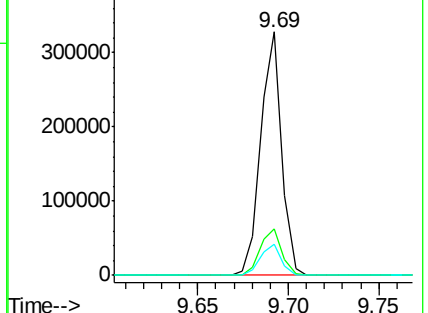
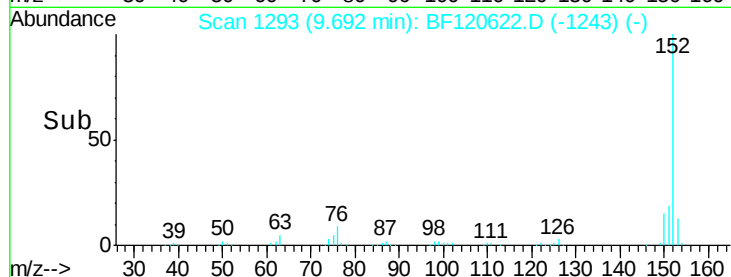
153 12.7 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 8.176 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

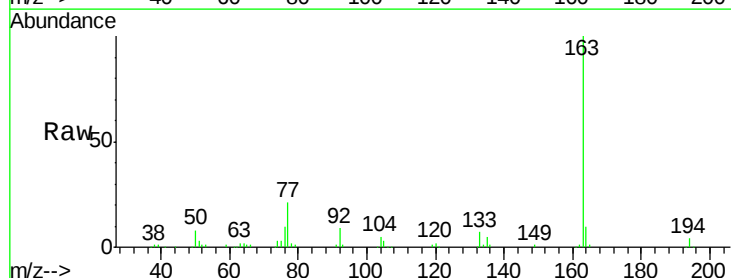
Tgt Ion:163 Resp: 188691

Ion Ratio Lower Upper

163 100

194 3.6 3.1 4.7

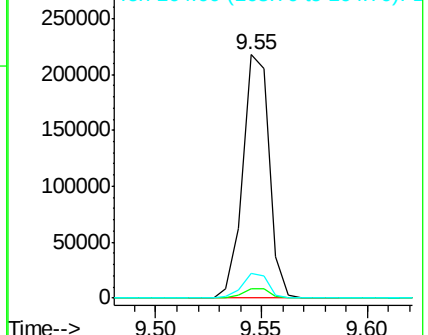
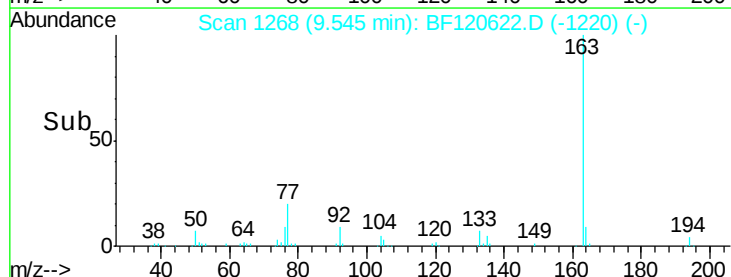
164 10.0 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

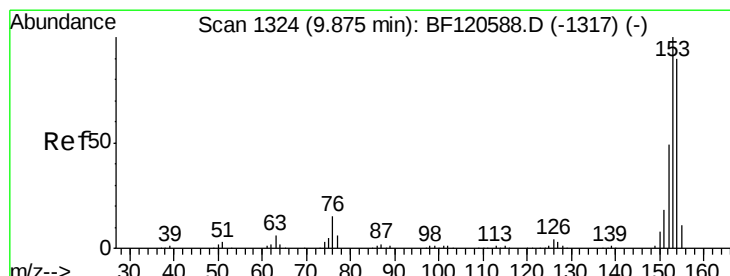
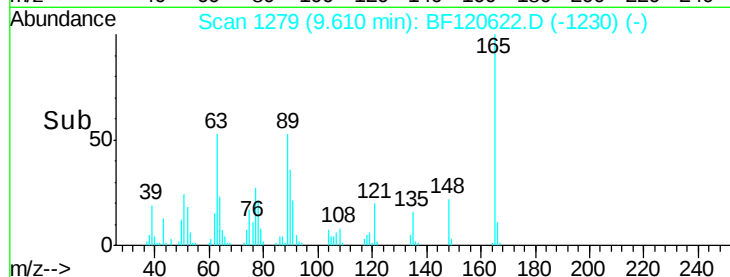
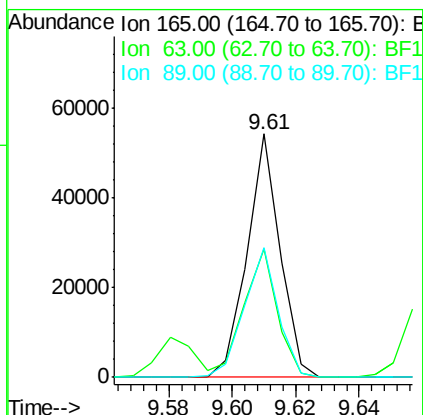
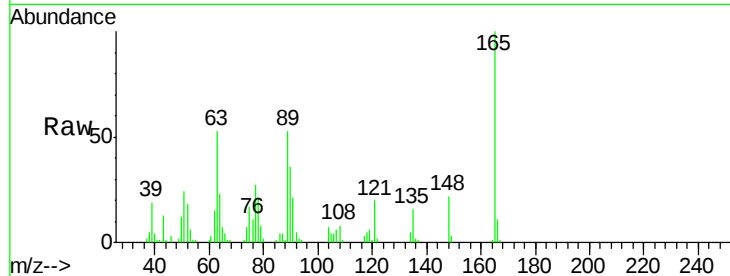




#51
 2,6-Dinitrotoluene
 Concen: 7.483 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

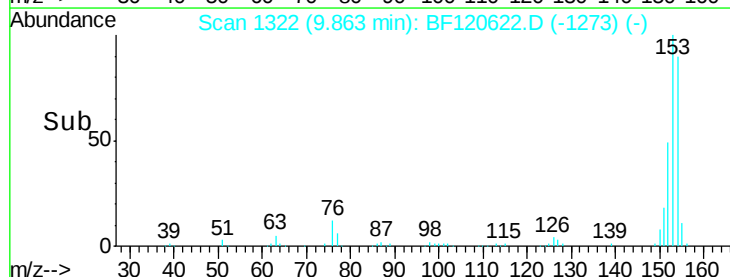
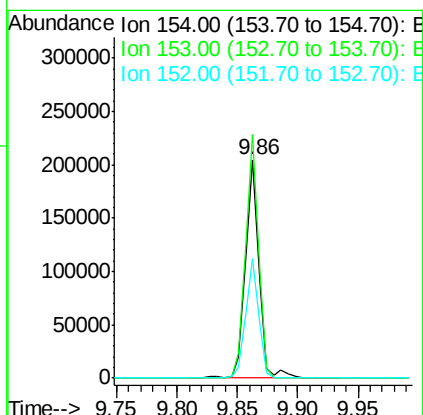
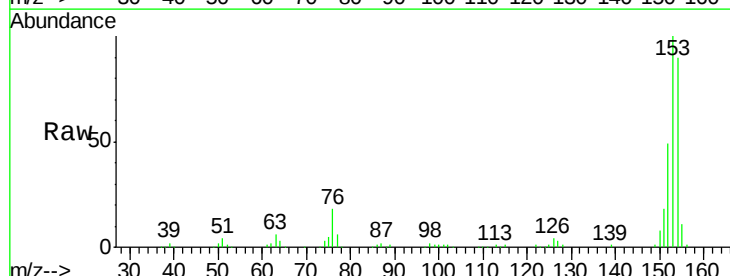
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:165 Resp: 39137
 Ion Ratio Lower Upper
 165 100
 63 52.9 41.7 62.5
 89 53.4 42.6 64.0



#52
 Acenaphthene
 Concen: 8.995 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion:154 Resp: 161999
 Ion Ratio Lower Upper
 154 100
 153 111.6 89.1 133.7
 152 55.0 43.7 65.5

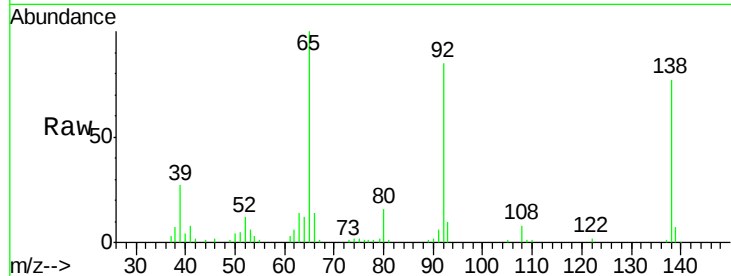




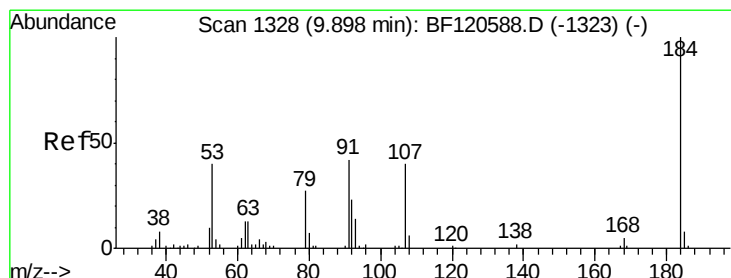
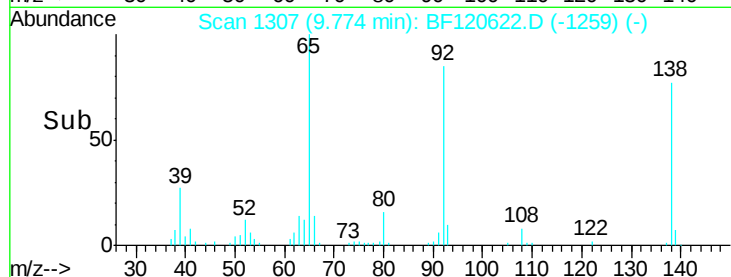
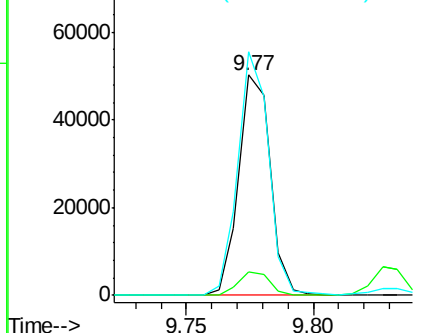
#53
 3-Nitroaniline
 Concen: 6.953 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:138 Resp: 43680
 Ion Ratio Lower Upper
 138 100
 108 10.5 8.0 12.0
 92 110.4 86.0 129.0

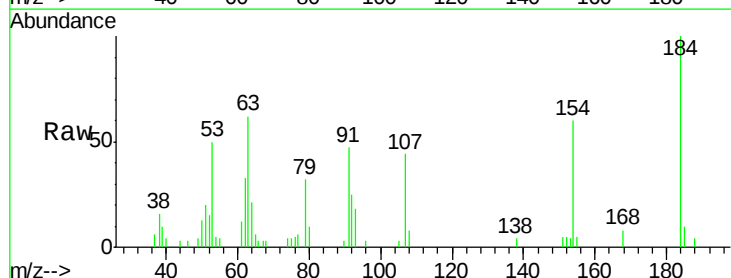


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

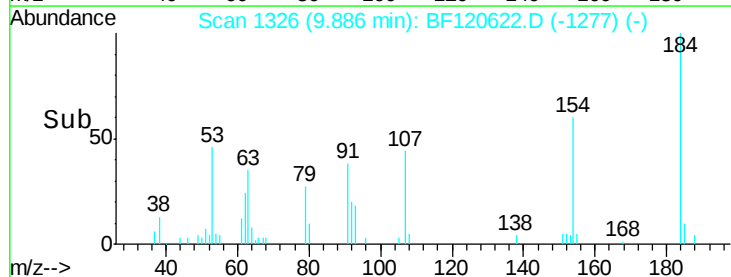
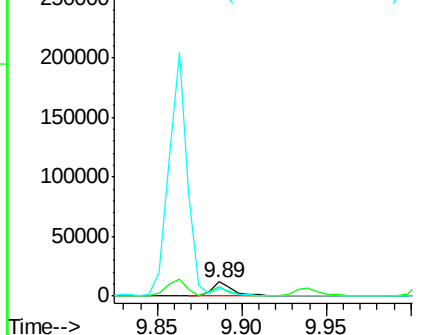


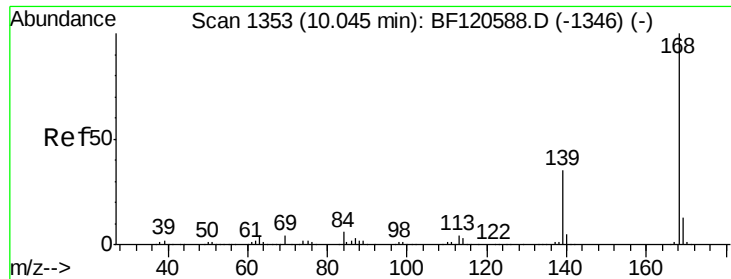
#54
 2,4-Dinitrophenol
 Concen: 3.825 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion:184 Resp: 10724
 Ion Ratio Lower Upper
 184 100
 63 62.4 44.2 66.2
 154 60.1 45.9 68.9



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

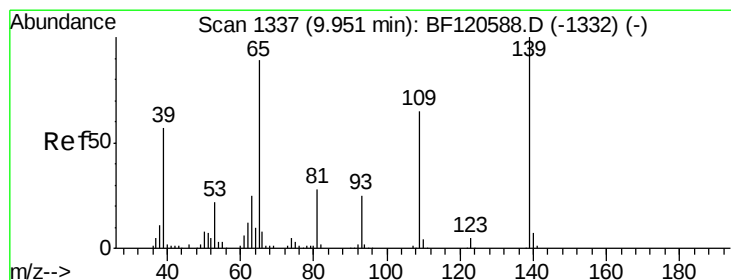
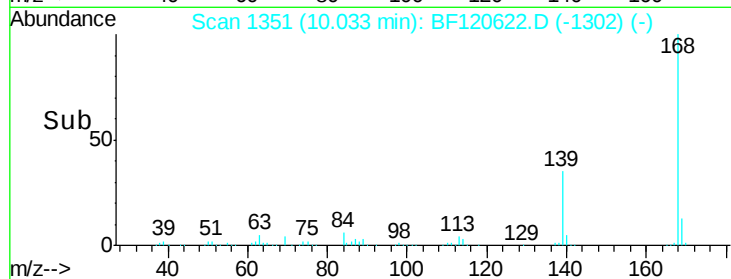
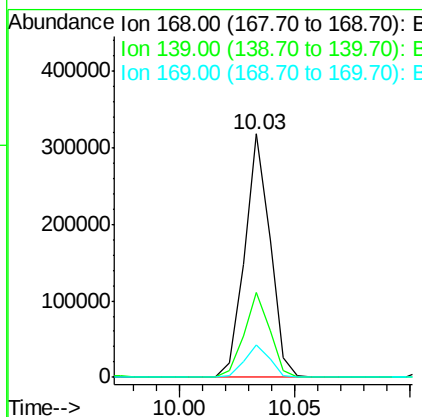
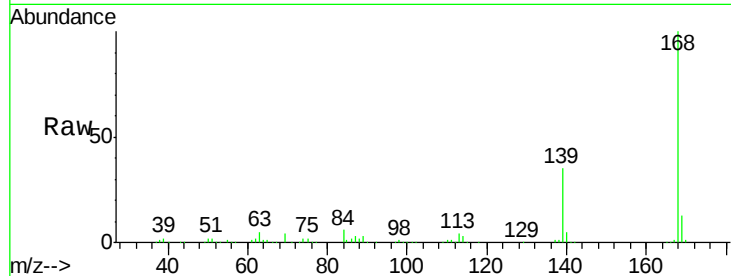




#55
Dibenzenofuran
Concen: 8.868 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

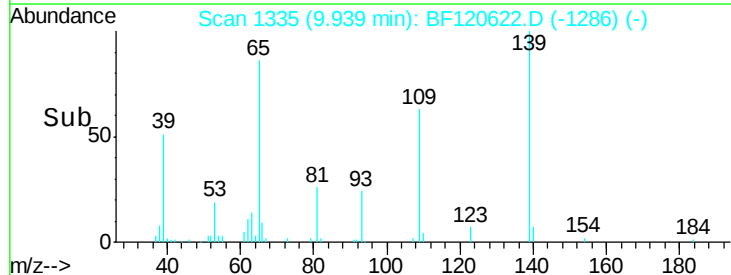
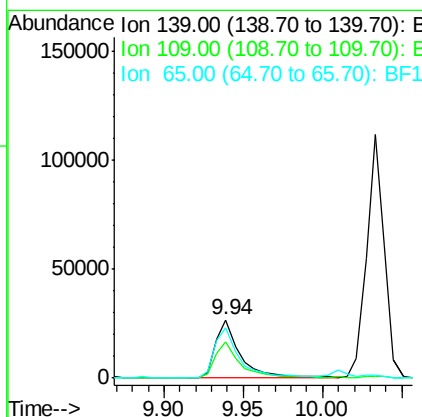
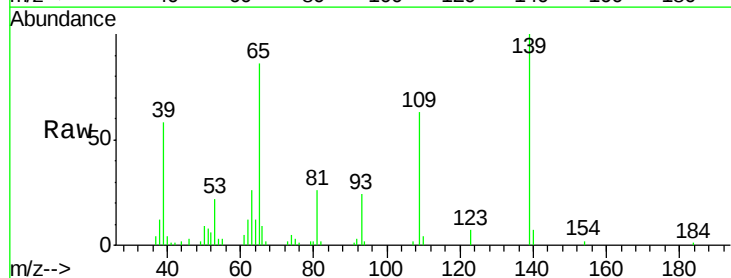
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

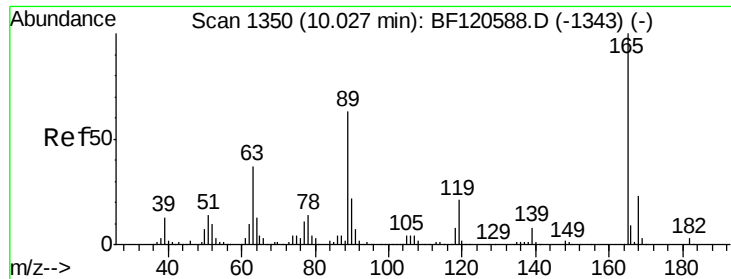
Tot Ion:168 Resp: 244893
Ion Ratio Lower Upper
168 100
139 35.0 28.1 42.1
169 13.1 10.6 16.0



#56
4-Nitrophenol
Concen: 6.132 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:139 Resp: 29012
Ion Ratio Lower Upper
139 100
109 63.3 44.6 84.6
65 86.4 69.2 109.2

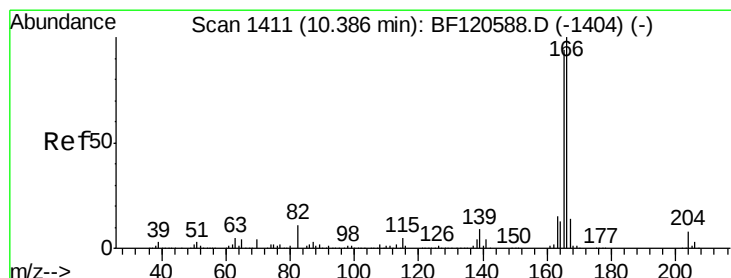
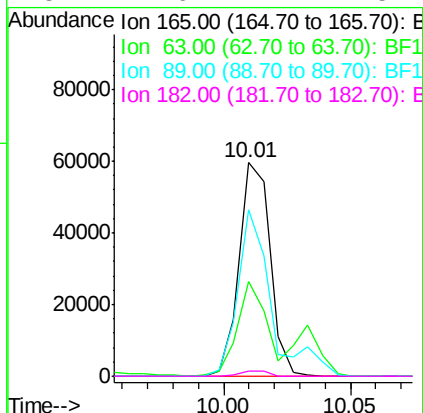
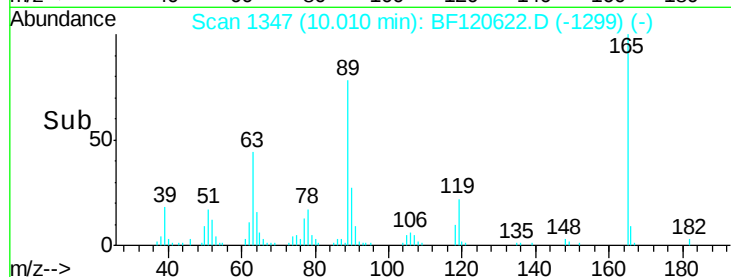
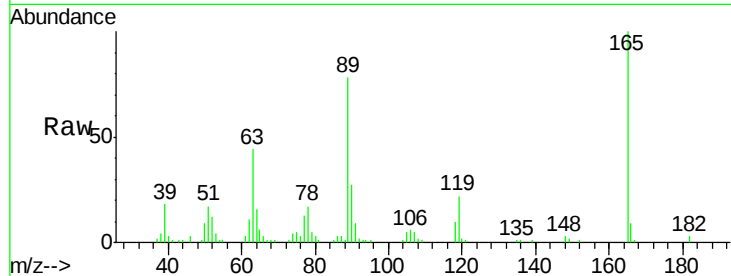




#57
2,4-Dinitrotoluene
Concen: 7.294 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

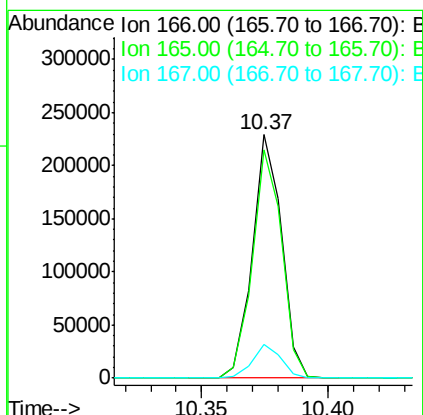
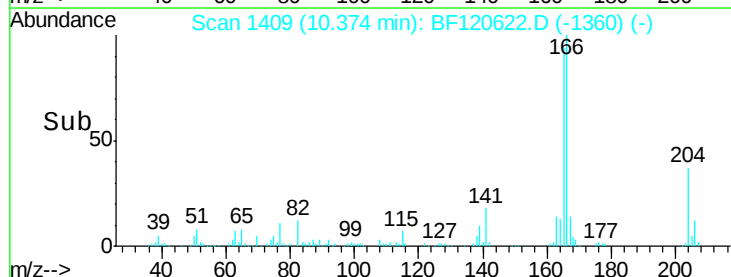
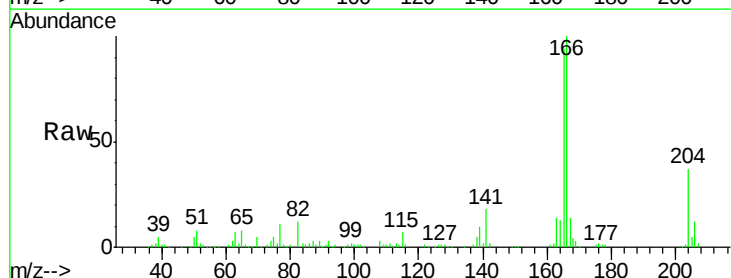
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

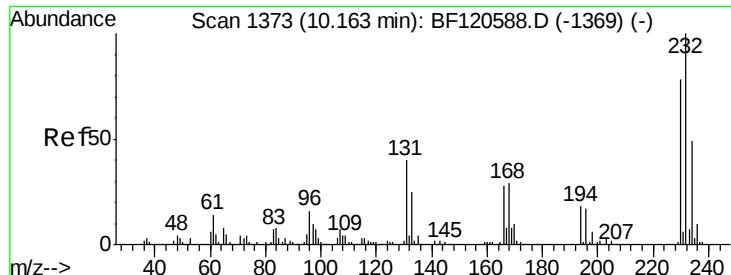
Tot Ion:165	Resp:	50623
Ion Ratio	Lower	Upper
165	100	
63	44.3	29.8 44.8
89	78.0	50.4 75.6
182	2.6	2.1 3.1



#58
Fluorene
Concen: 8.665 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:166	Resp:	184463
Ion Ratio	Lower	Upper
166	100	
165	93.6	75.0 112.6
167	13.8	11.0 16.4

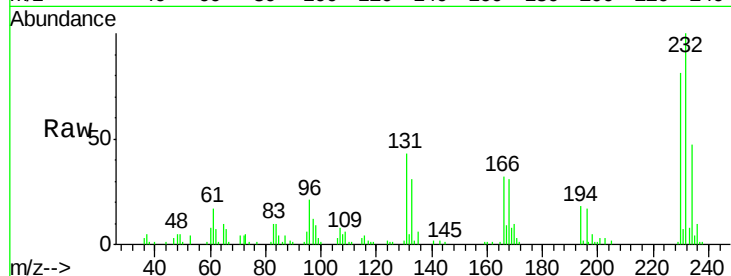




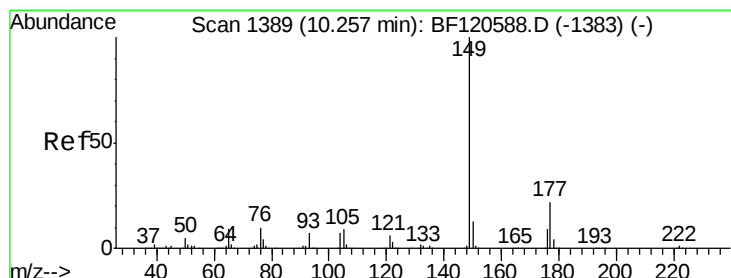
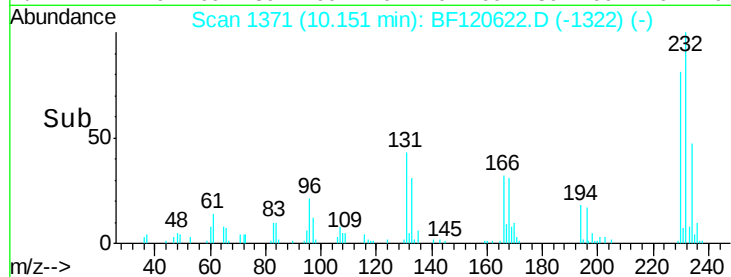
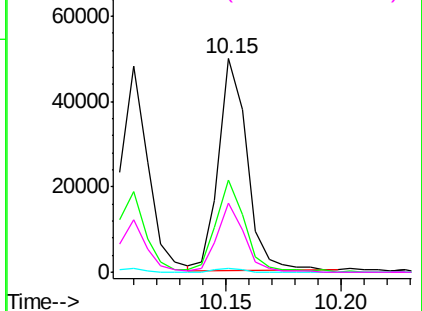
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.046 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	232	Resp:	42687
Ion	Ratio	Lower	Upper
232	100		
131	45.2	33.5	50.3
130	1.9	1.5	2.3
166	31.7	23.4	35.0

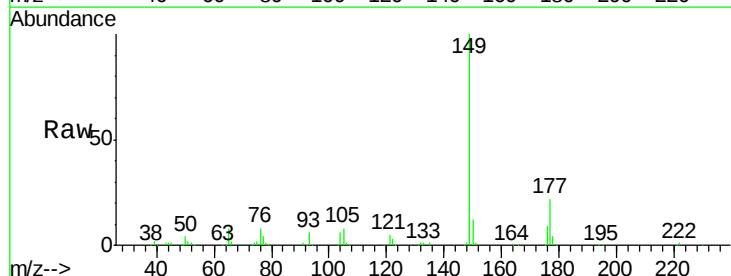


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

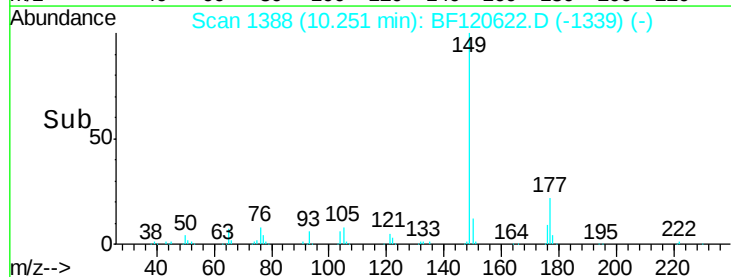
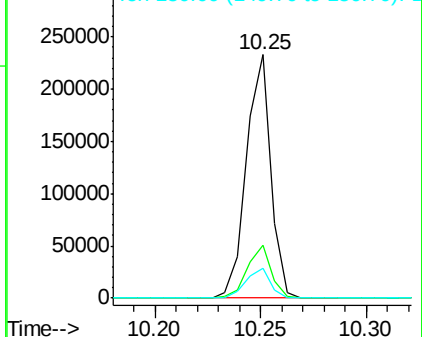


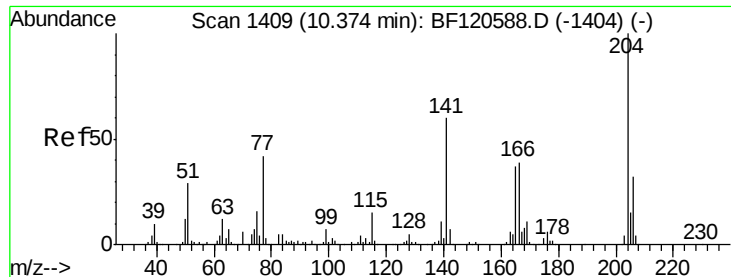
#60
 Diethylphthalate
 Concen: 8.229 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion:	149	Resp:	187049
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	12.1	10.3	15.5



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





#61

4-Chlorophenyl-phenylether

Concen: 8.551 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

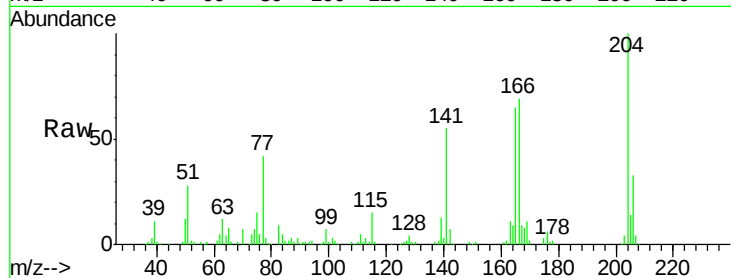
Tot Ion:204 Resp: 94001

Ion Ratio Lower Upper

204 100

206 33.0 25.9 38.9

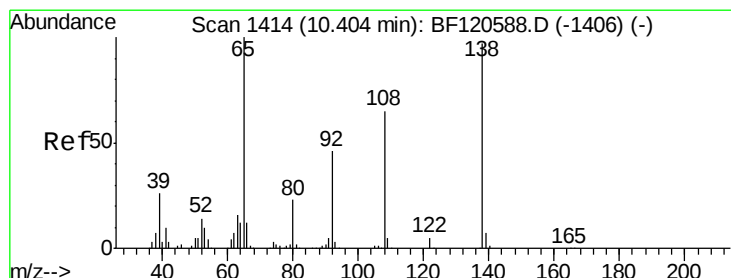
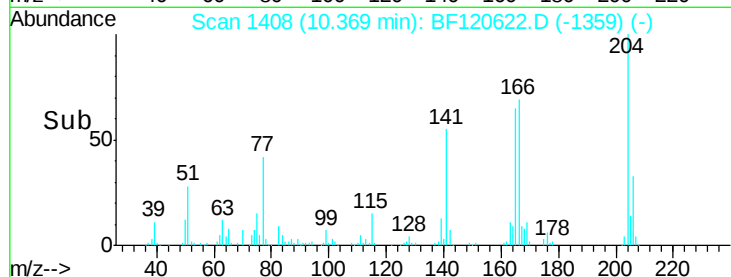
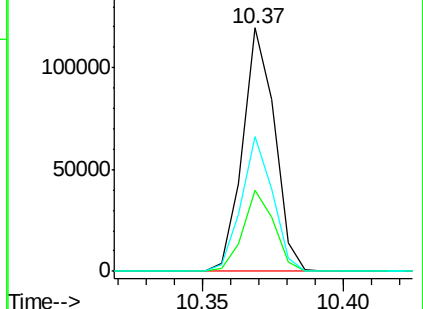
141 55.2 47.6 71.4



Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 6.998 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

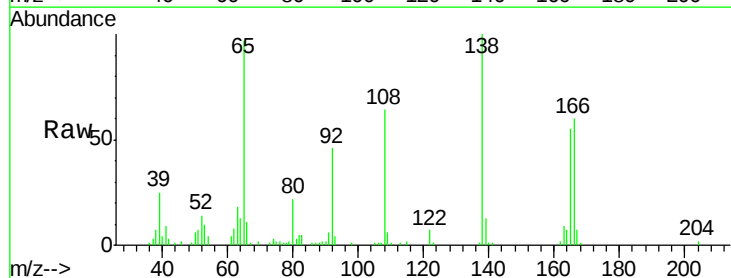
Tgt Ion:138 Resp: 43644

Ion Ratio Lower Upper

138 100

92 46.3 27.3 67.3

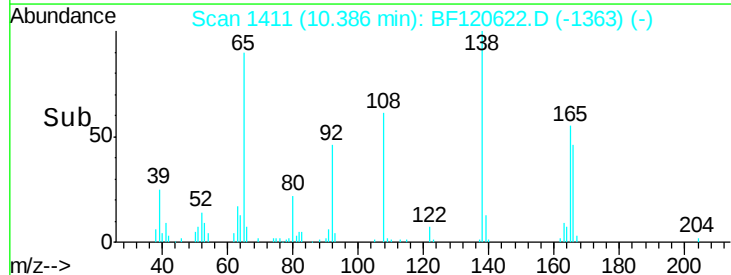
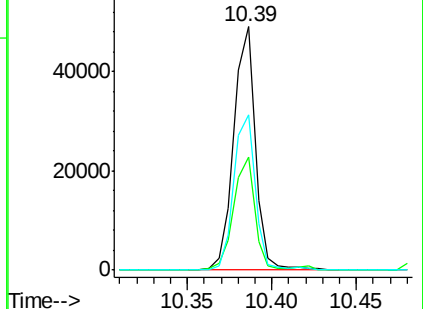
108 64.0 47.4 87.4



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E

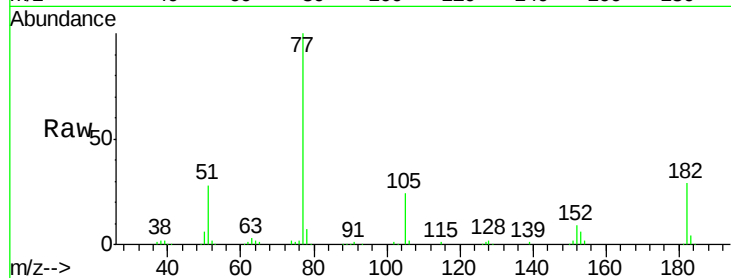




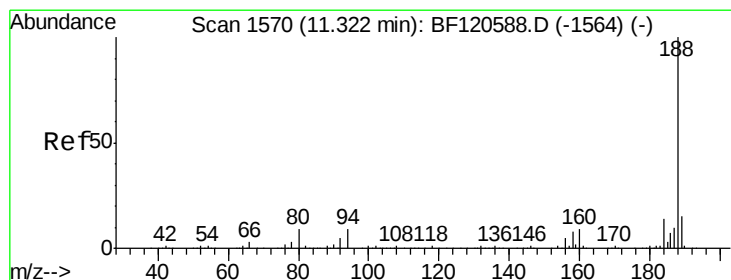
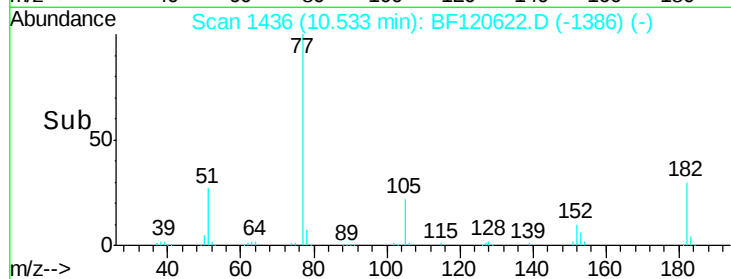
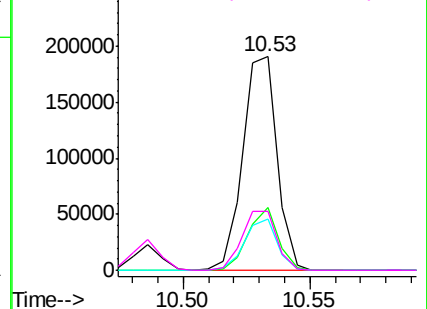
#63
Azobenzene
Concen: 8.657 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	77	Resp:	178607
Ion	Ratio	Lower	Upper
77	100		
182	29.3	7.7	47.7
105	23.9	3.2	43.2
51	27.6	8.5	48.5

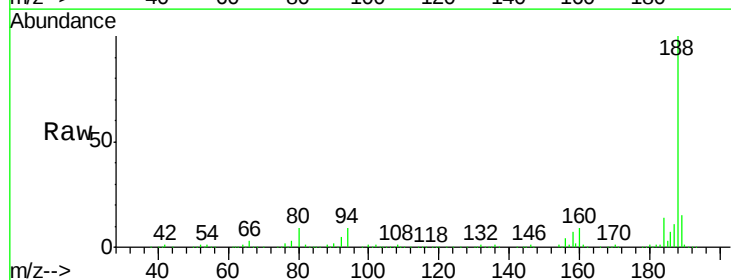


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

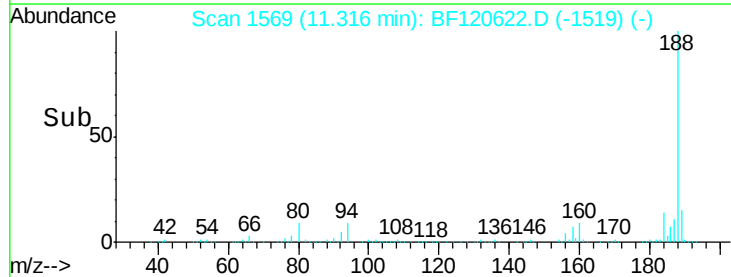
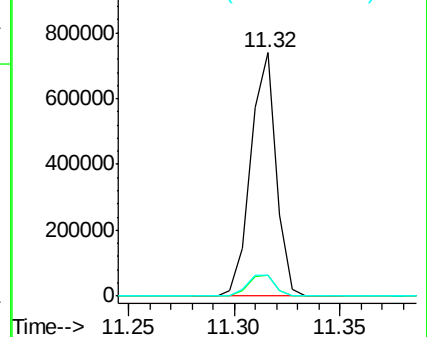


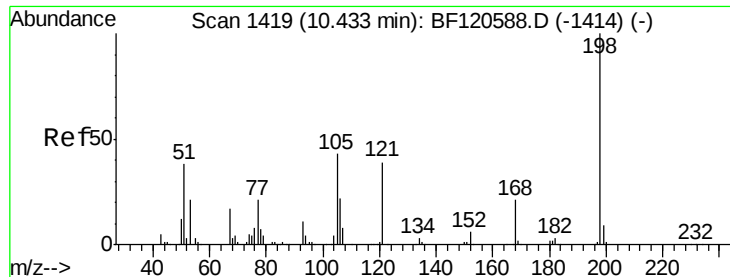
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:	188	Resp:	616741
Ion	Ratio	Lower	Upper
188	100		
94	8.6	7.2	10.8
80	8.8	7.4	11.2



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

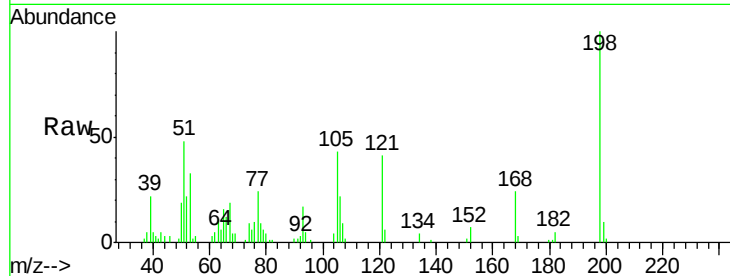




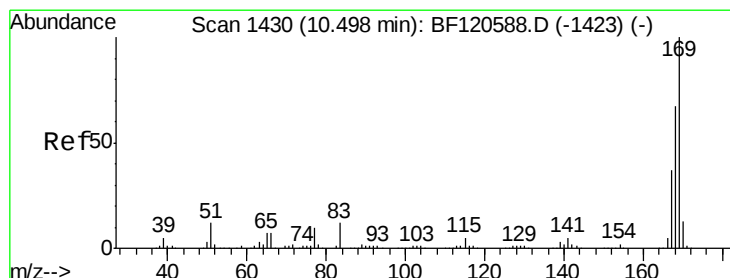
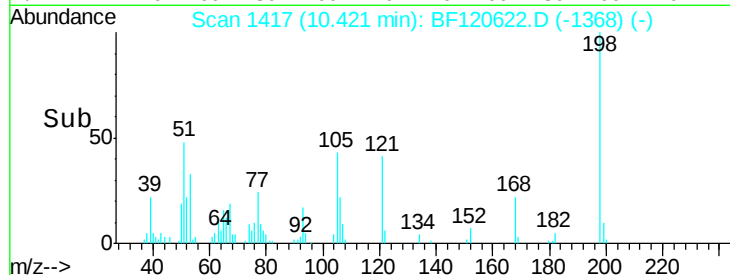
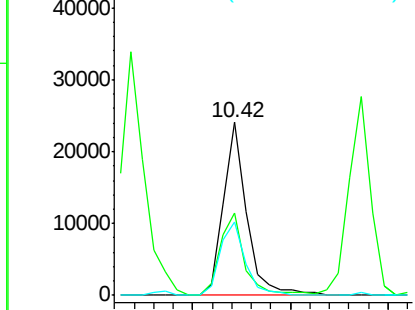
#65
4,6-Dinitro-2-methylphenol
Concen: 5.383 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:198 Resp: 19920
Ion Ratio Lower Upper
198 100
51 47.6 24.8 64.8
105 42.6 23.9 63.9

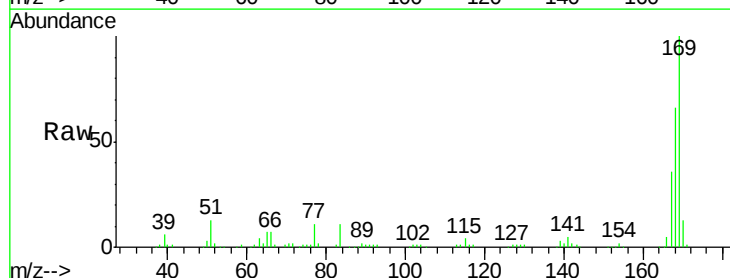


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

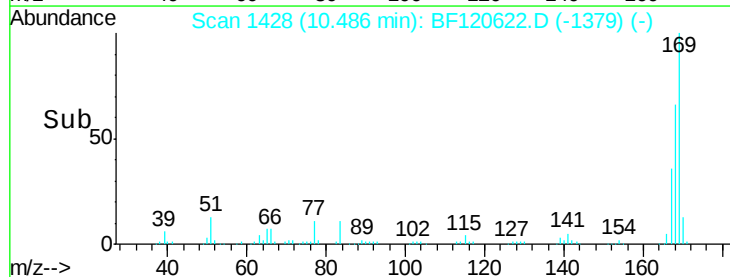
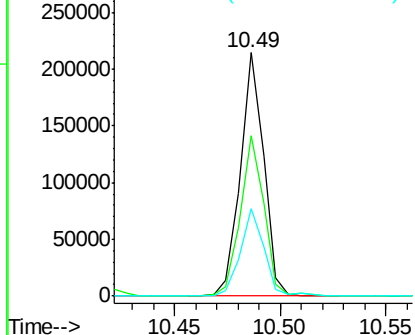


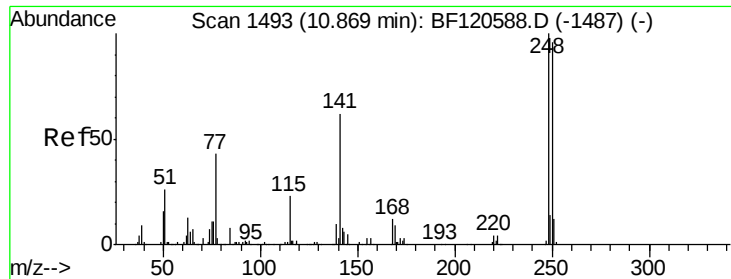
#66
n-Nitrosodiphenylamine
Concen: 8.590 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:169 Resp: 162690
Ion Ratio Lower Upper
169 100
168 65.7 53.7 80.5
167 36.1 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

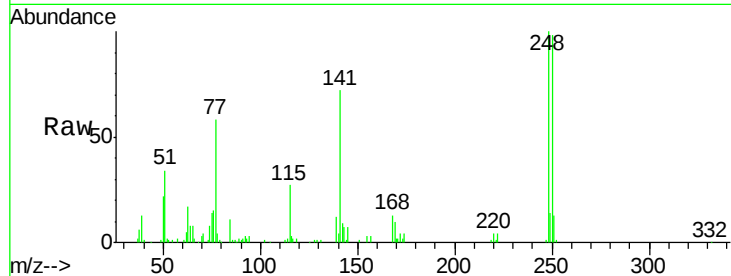




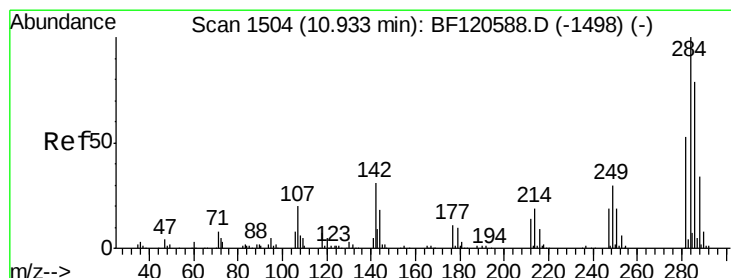
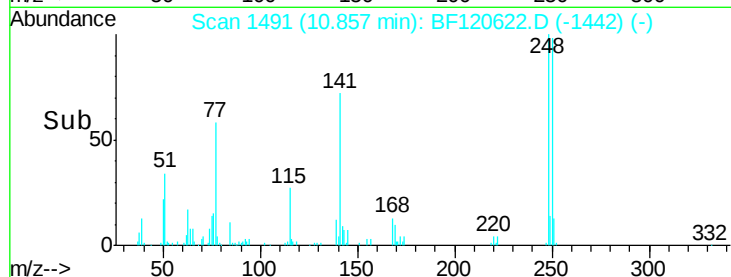
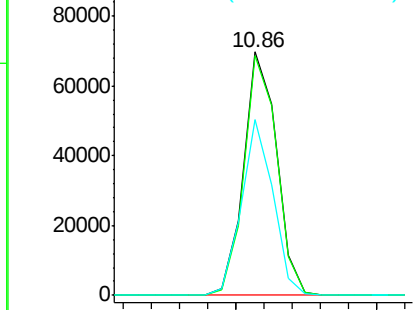
#67
4-Bromophenyl-phenylether
Concen: 8.095 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:248 Resp: 56659
Ion Ratio Lower Upper
248 100
250 98.5 76.7 115.1
141 72.3 49.4 74.0

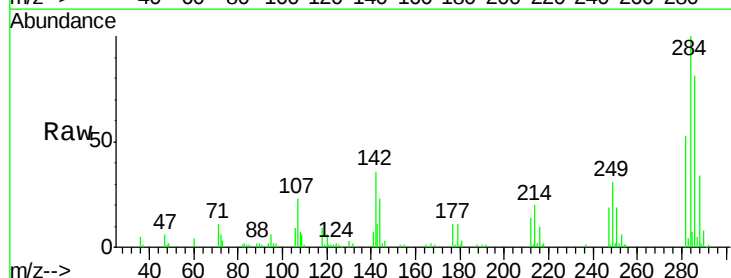


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

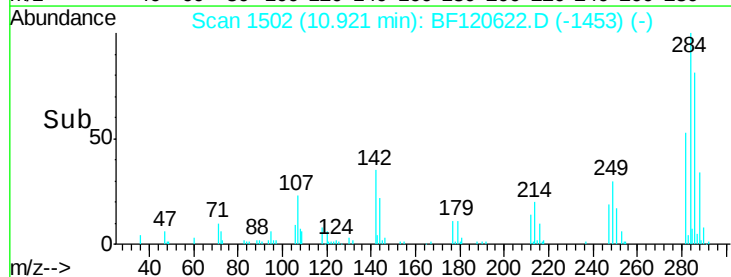
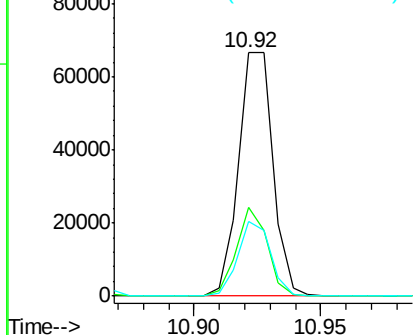


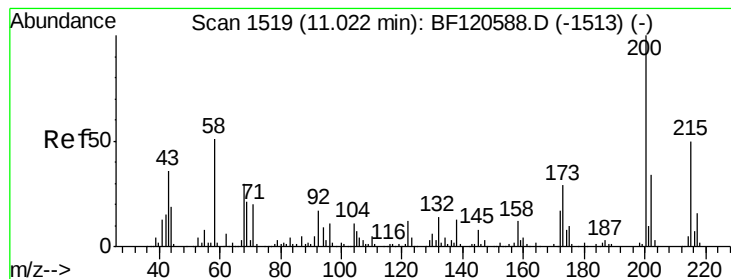
#68
Hexachlorobenzene
Concen: 8.368 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:284 Resp: 62974
Ion Ratio Lower Upper
284 100
142 36.5 25.1 37.7
249 30.9 24.0 36.0



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





#69

Atrazine

Concen: 8.868 ng

RT: 11.01 min Scan# 1517

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

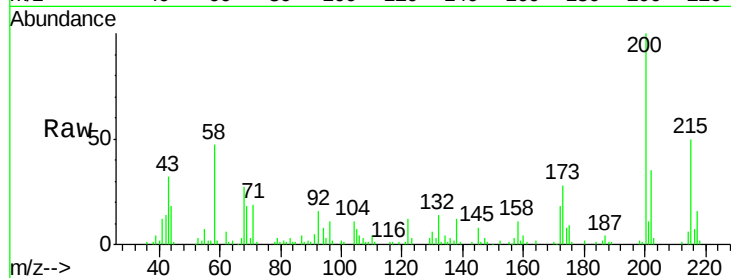
Tot Ion:200 Resp: 51972

Ion Ratio Lower Upper

200 100

173 27.7 9.1 49.1

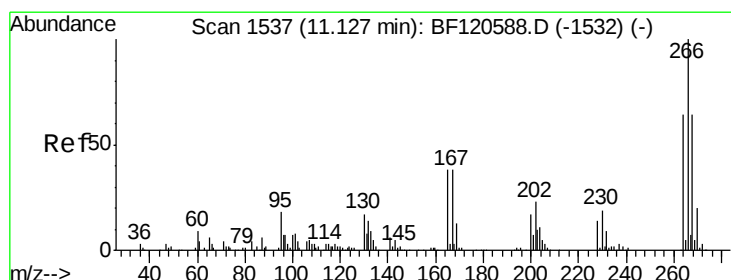
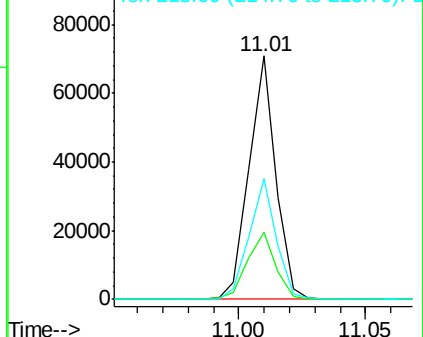
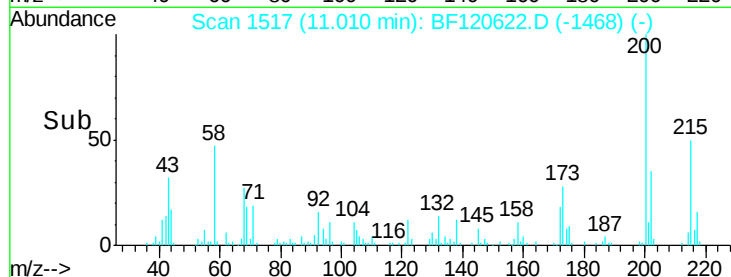
215 49.8 29.8 69.8



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 5.224 ng

RT: 11.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

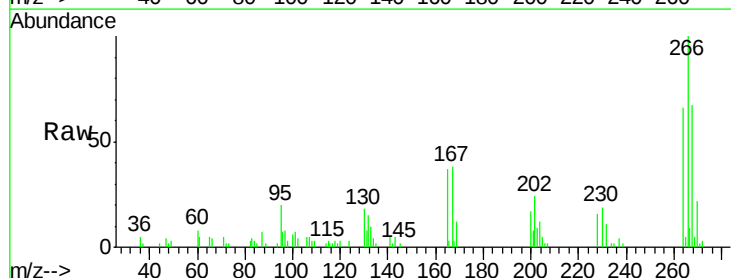
Tgt Ion:266 Resp: 21857

Ion Ratio Lower Upper

266 100

268 67.4 51.4 77.0

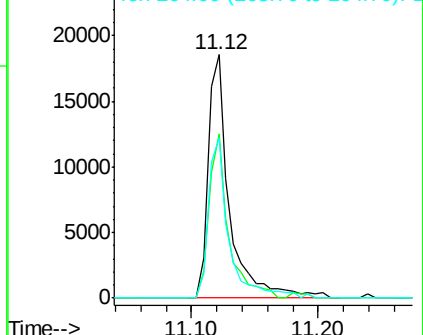
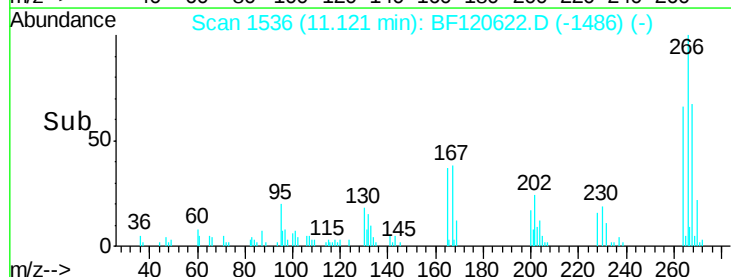
264 65.8 50.8 76.2

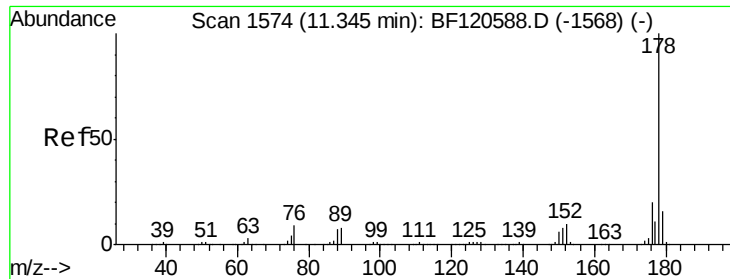


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

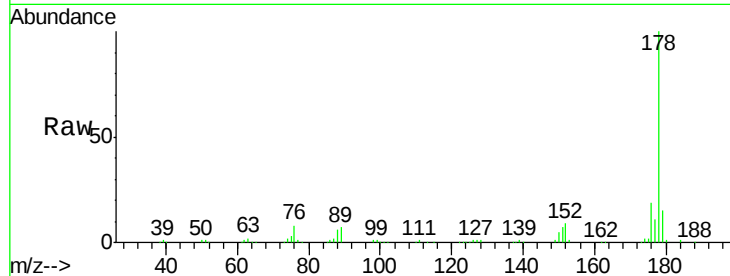




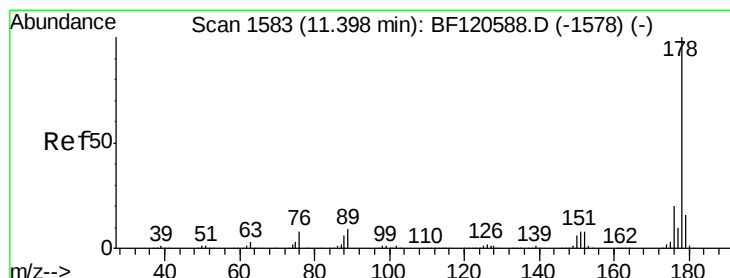
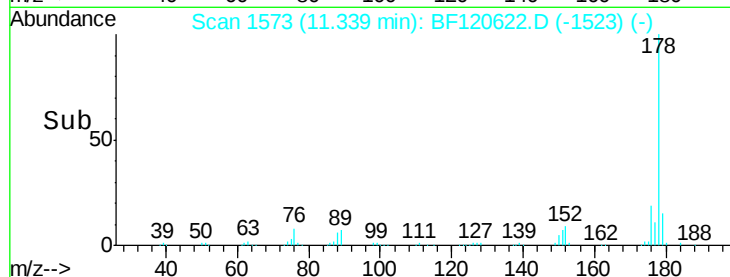
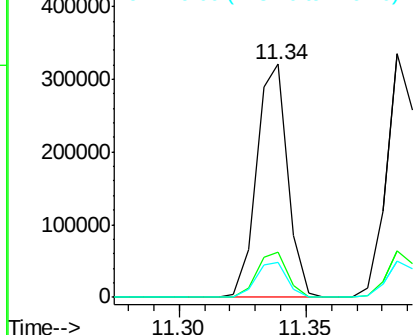
#71
Phenanthrene
Concen: 8.919 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:178 Resp: 273436
Ion Ratio Lower Upper
178 100
176 19.2 15.9 23.9
179 15.0 12.8 19.2

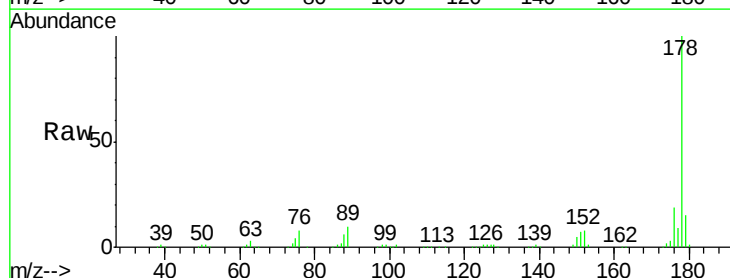


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

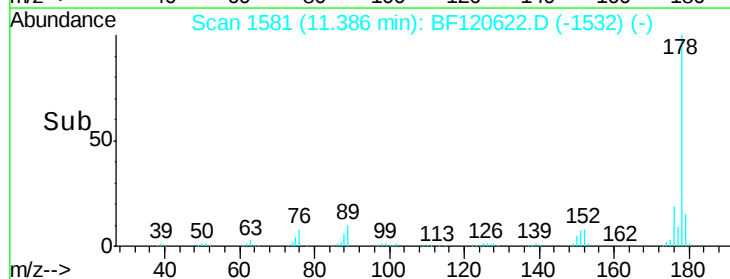
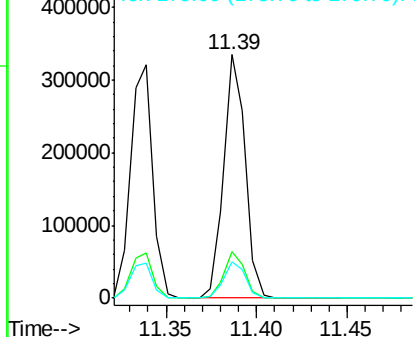


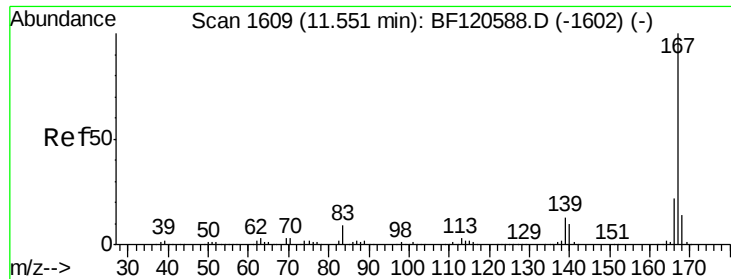
#72
Anthracene
Concen: 8.939 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:178 Resp: 276230
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.0 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

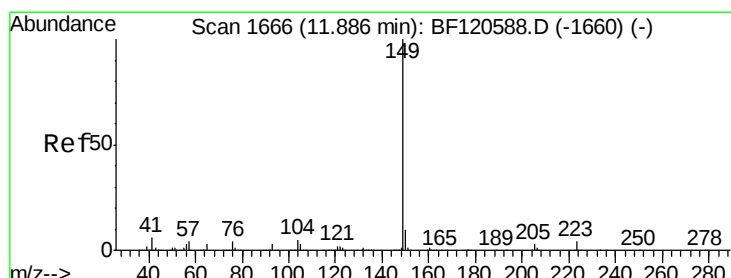
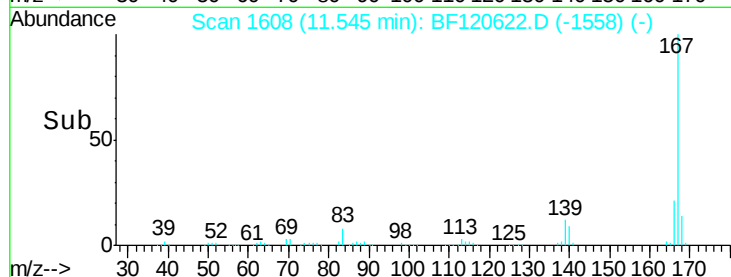
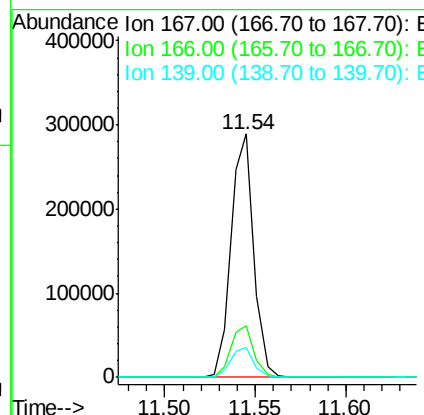
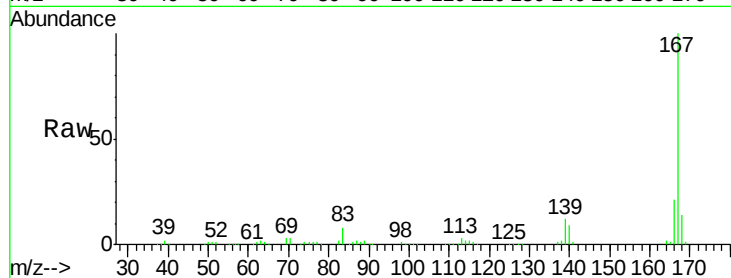




#73
 Carbazole
 Concen: 8.227 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

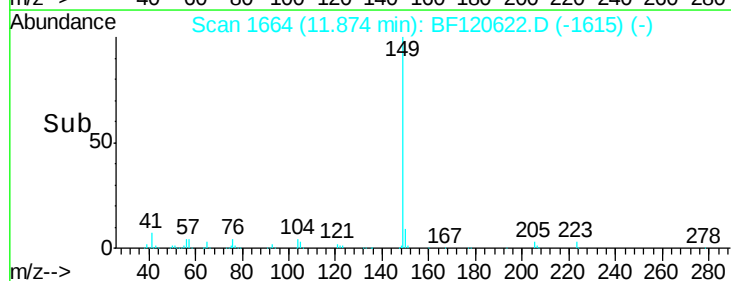
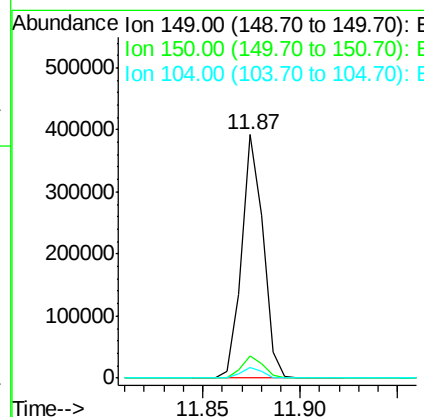
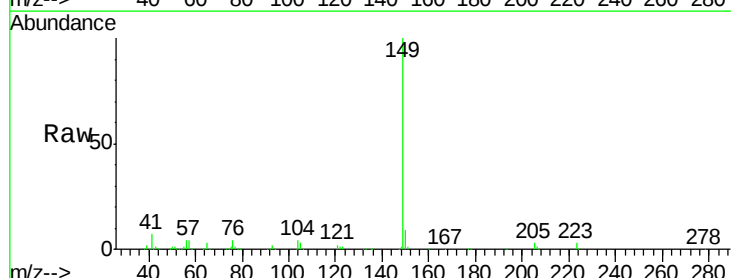
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

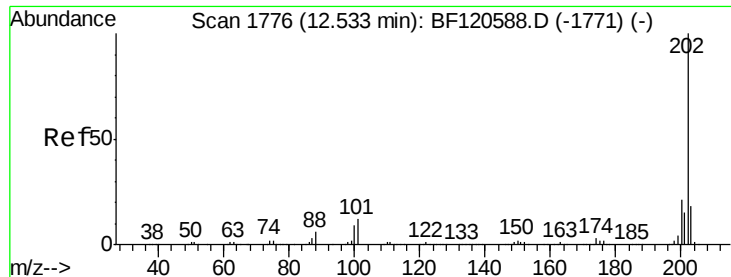
Tot Ion:167	Resp:	251659
Ion Ratio	Lower	Upper
167	100	
166	21.2	17.2 25.8
139	12.1	10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 8.697 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion:149	Resp:	299109
Ion Ratio	Lower	Upper
149	100	
150	9.3	7.7 11.5
104	4.5	3.7 5.5

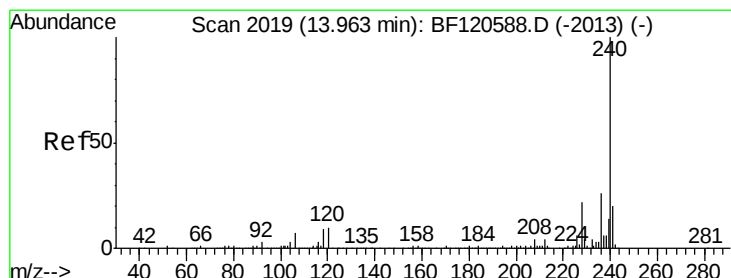
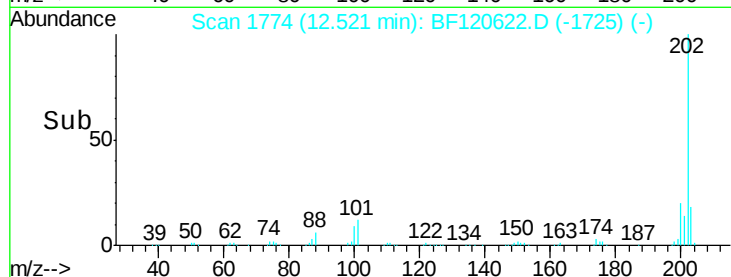
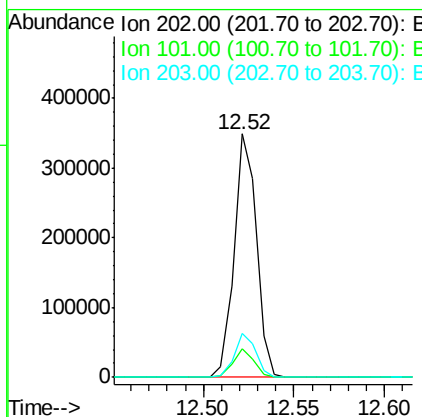
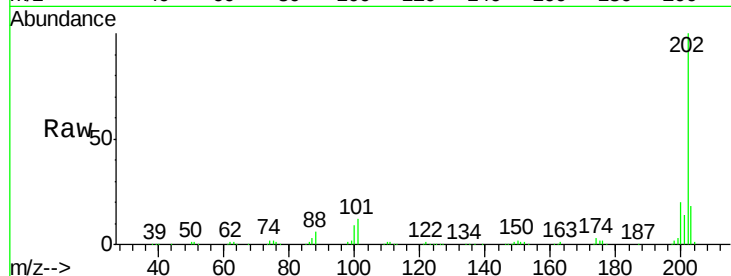




#75
 Fluoranthene
 Concen: 8.538 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

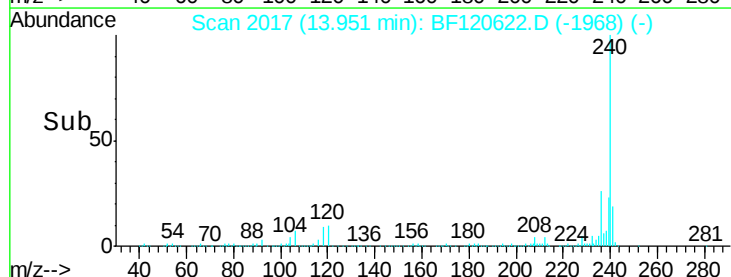
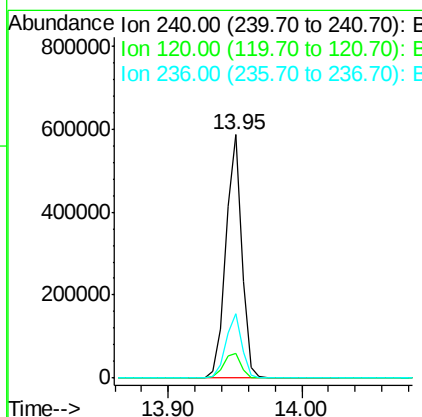
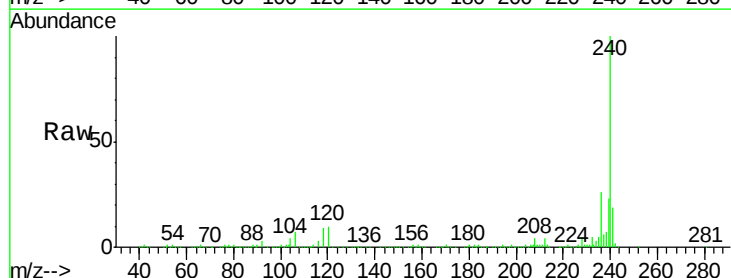
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	32.0
203	17.9	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: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.2	8.3	12.5
236	26.2	21.0	31.4





#77

Benzidine

Concen: 8.975 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

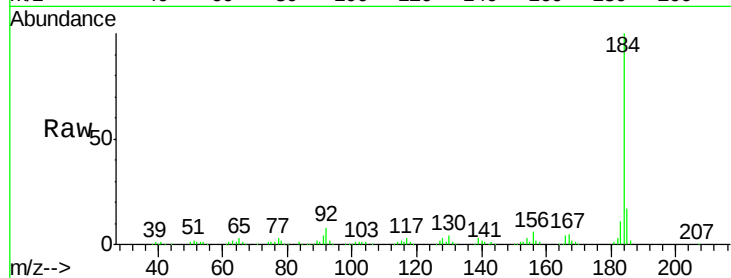
Tot Ion:184 Resp: 150724

Ion Ratio Lower Upper

184 100

185 17.1 11.4 17.0#

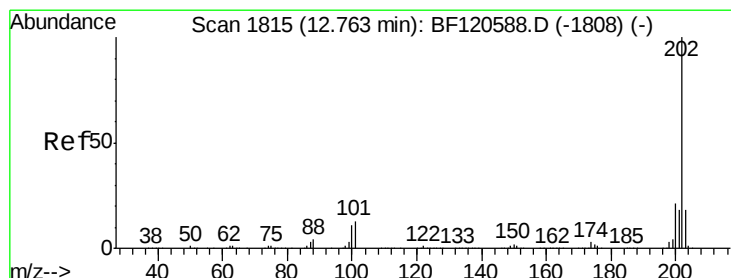
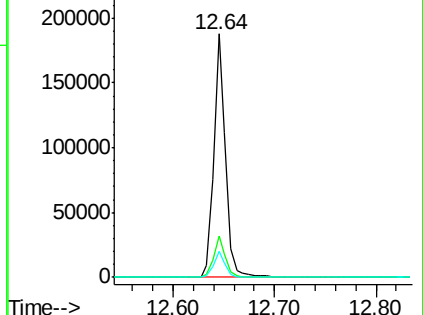
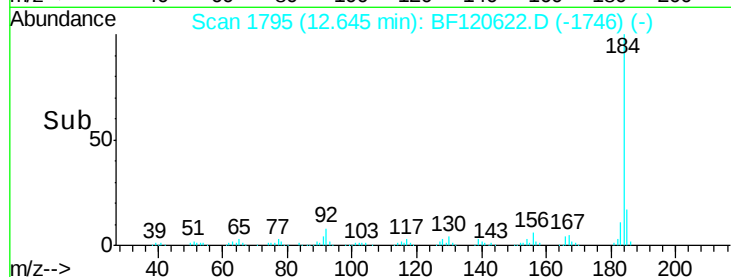
183 10.6 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.714 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

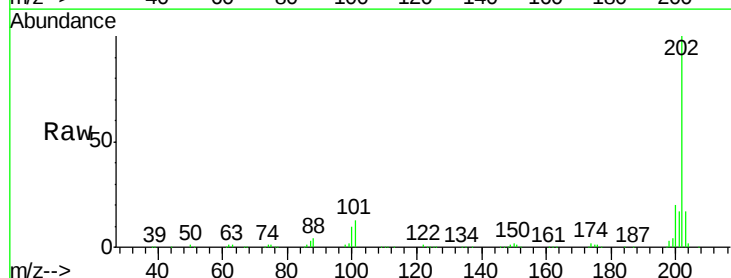
Tgt Ion:202 Resp: 306542

Ion Ratio Lower Upper

202 100

200 19.8 16.8 25.2

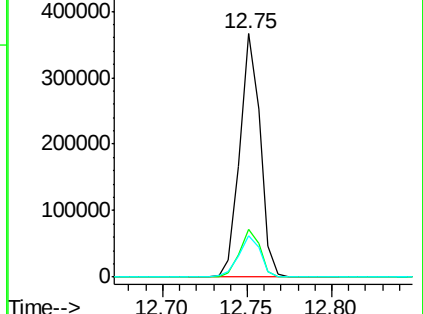
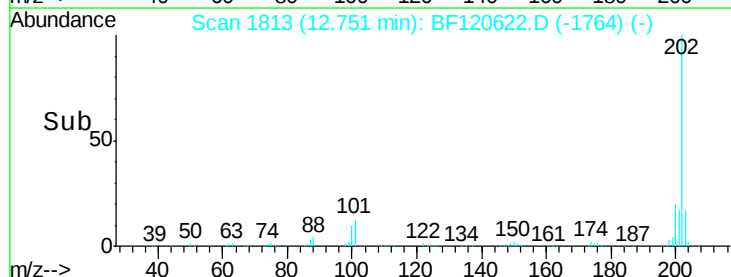
203 17.1 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 99.553 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

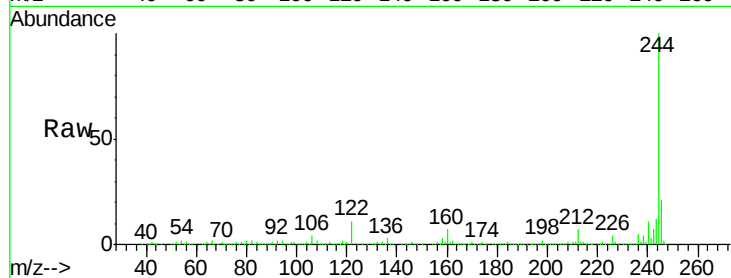
Tot Ion:244 Resp: 2238064

Ion Ratio Lower Upper

244 100

212 7.0 5.7 8.5

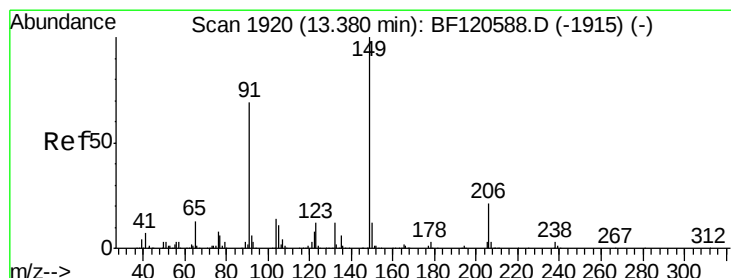
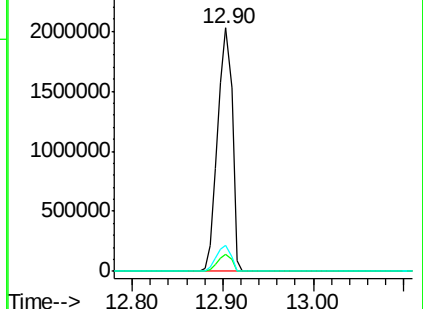
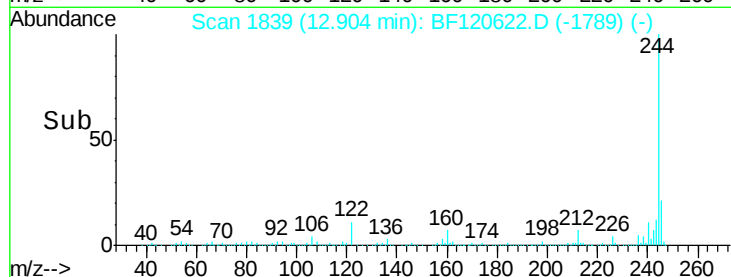
122 10.6 8.3 12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.673 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

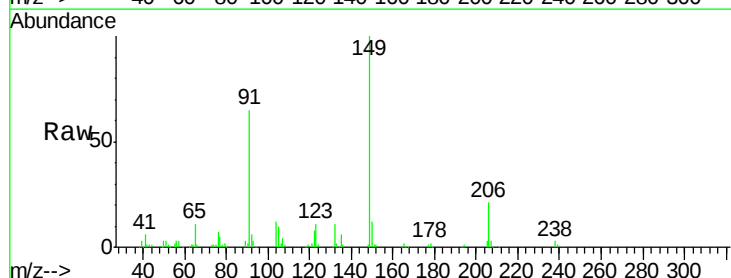
Tgt Ion:149 Resp: 119853

Ion Ratio Lower Upper

149 100

91 65.2 55.4 83.0

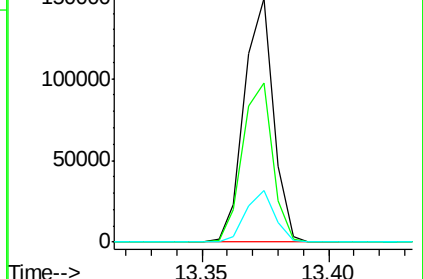
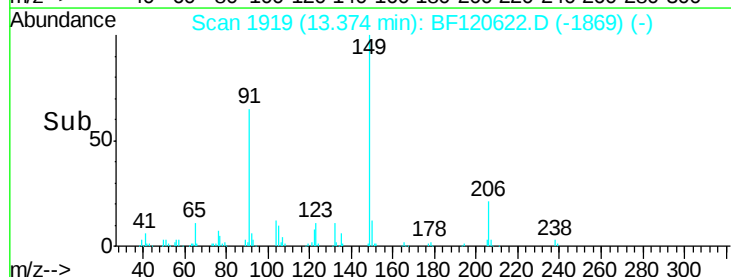
206 21.3 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

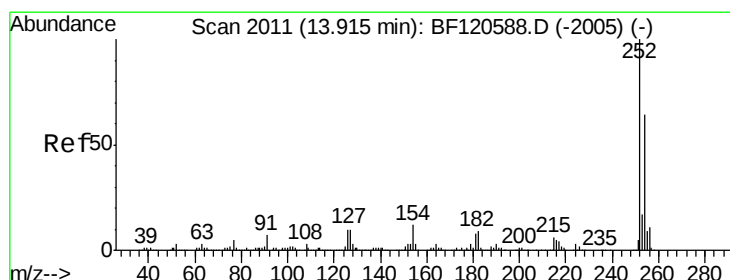
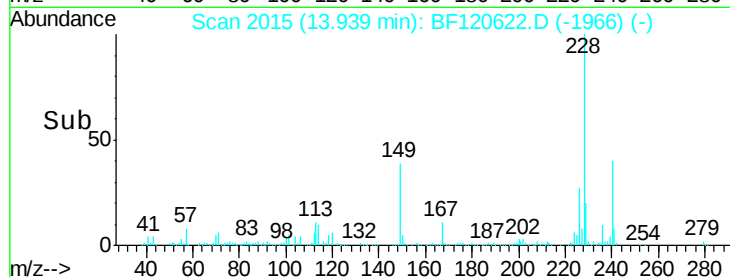
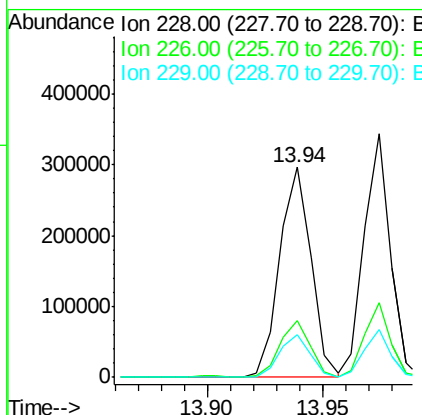
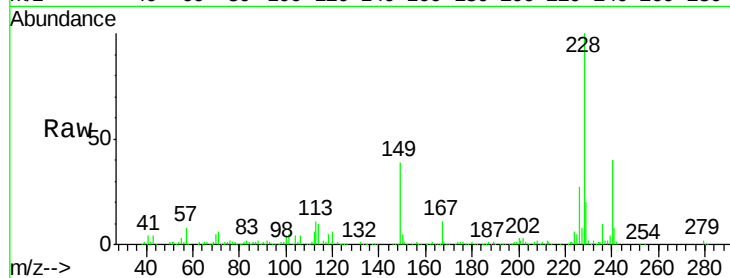




#81
Benzo(a)anthracene
Concen: 9.306 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

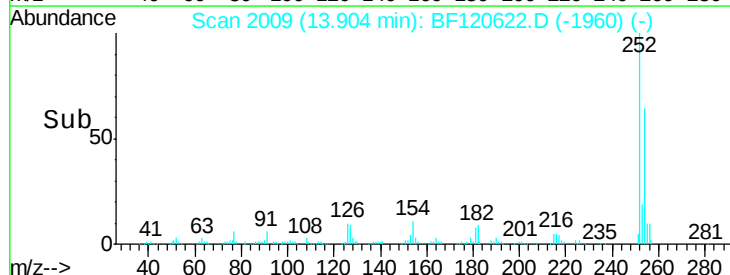
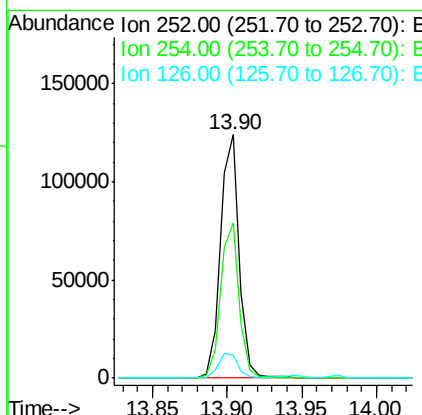
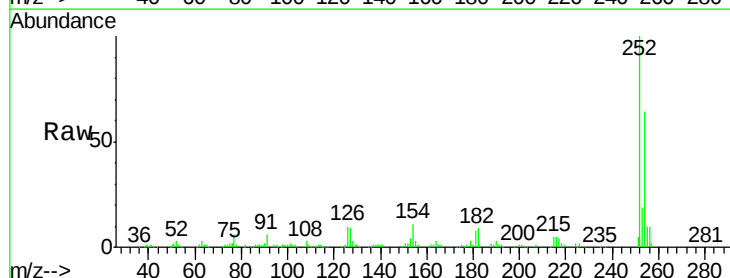
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

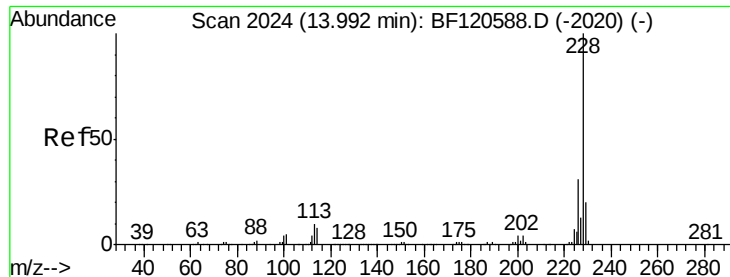
Tot Ion:228 Resp: 277643
Ion Ratio Lower Upper
228 100
226 27.2 22.5 33.7
229 20.0 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 9.592 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:252 Resp: 109312
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.2
126 9.6 7.9 11.9

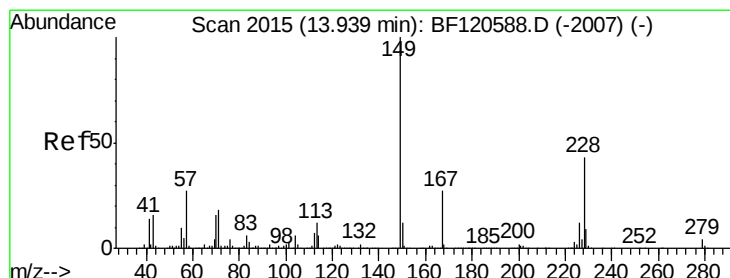
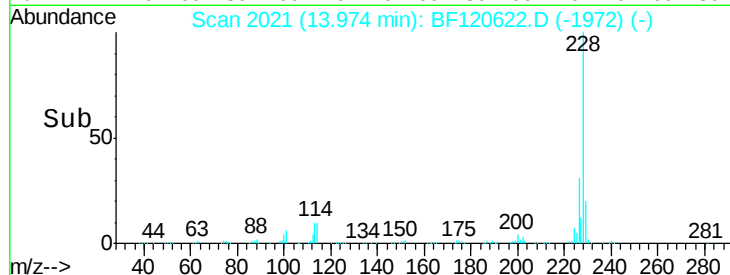
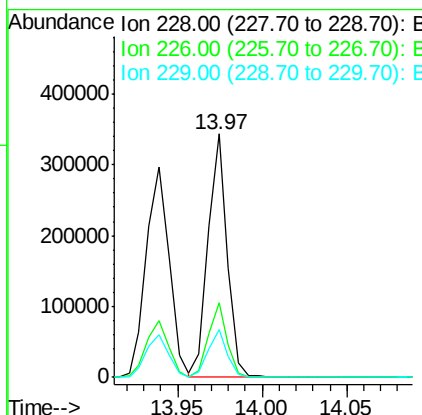
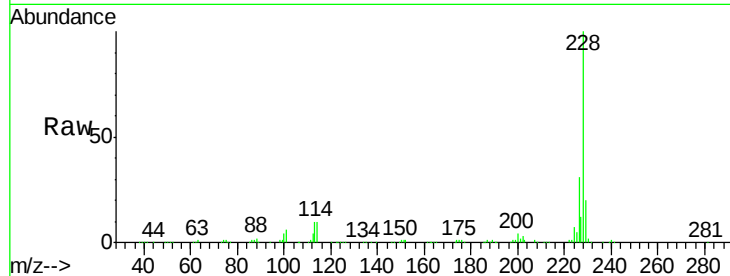




#83
Chrysene
Concen: 8.947 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

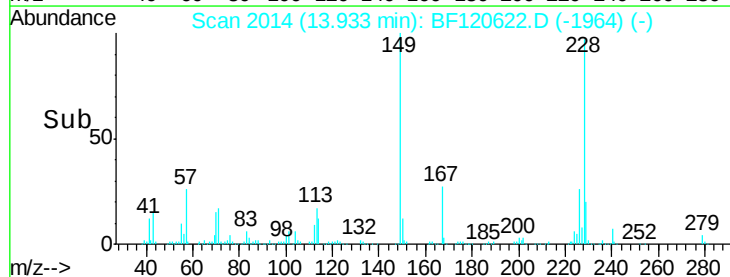
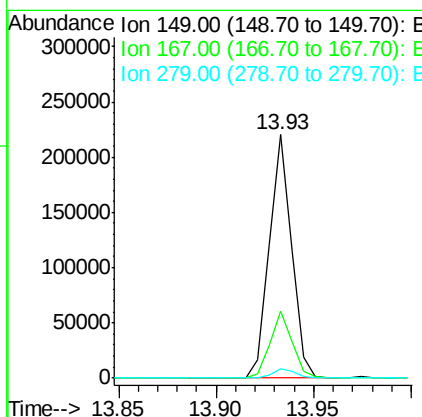
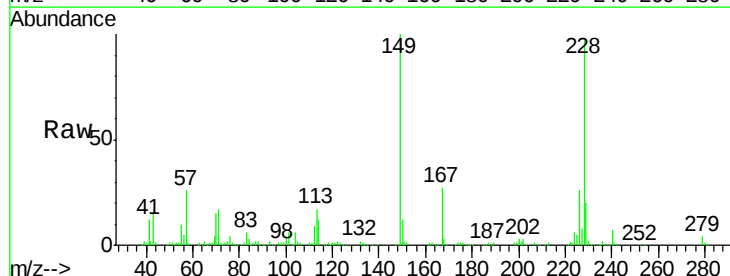
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:228 Resp: 273790
Ion Ratio Lower Upper
228 100
226 30.6 24.9 37.3
229 19.7 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.156 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:149 Resp: 174555
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 8.080 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

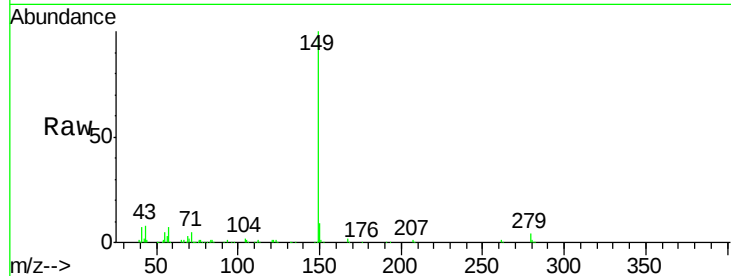
Tot Ion:149 Resp: 293981

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

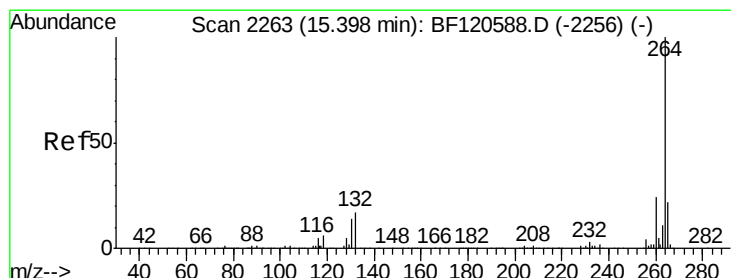
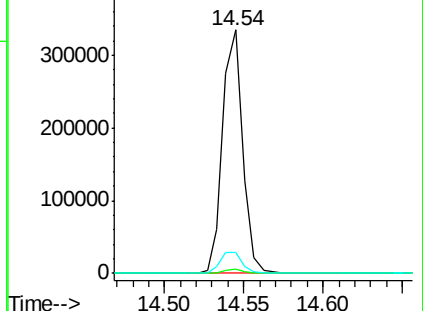
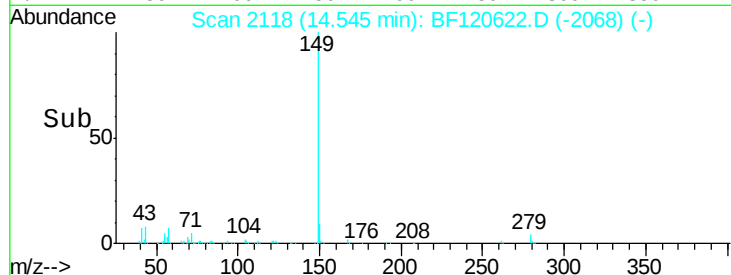
43 9.7 7.6 11.4



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# 2261

Delta R.T. -0.01 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

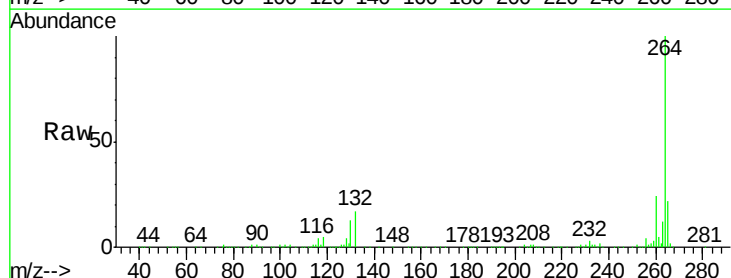
Tgt Ion:264 Resp: 556571

Ion Ratio Lower Upper

264 100

260 23.6 19.3 28.9

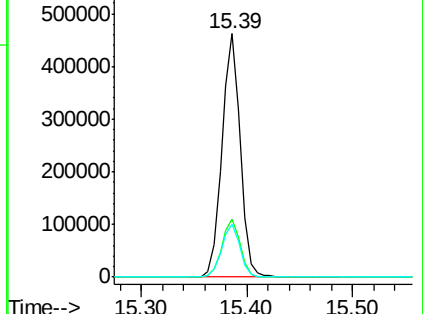
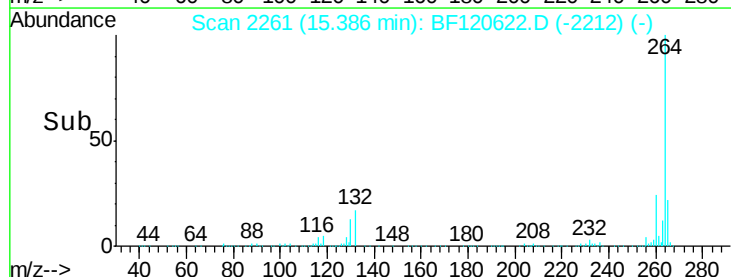
265 21.6 17.8 26.8

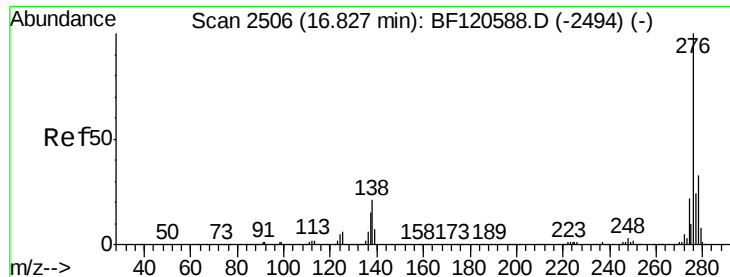


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

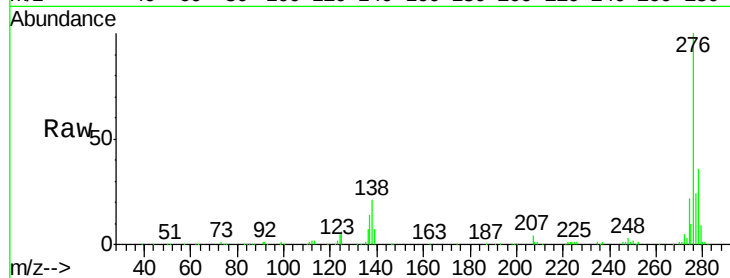




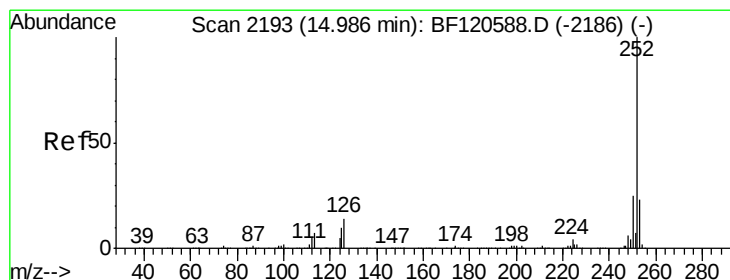
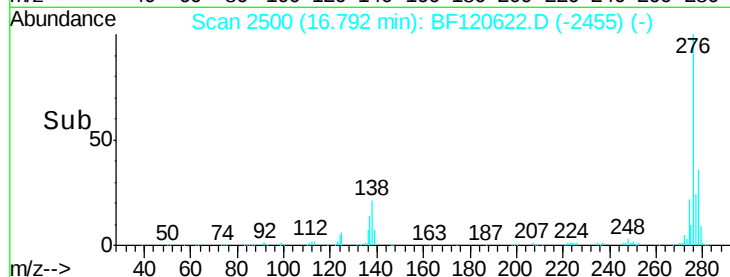
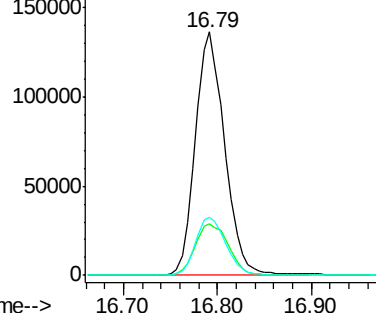
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.762 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.3	18.9	28.3
277	24.9	20.2	30.2

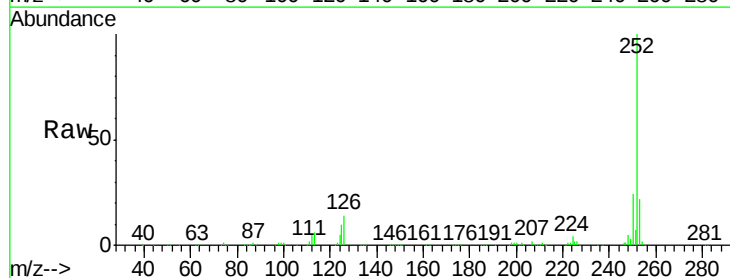


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

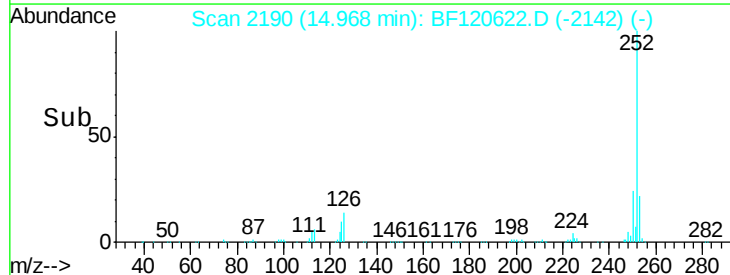
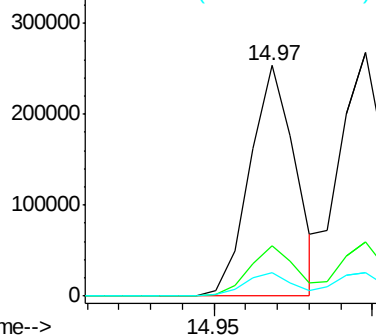


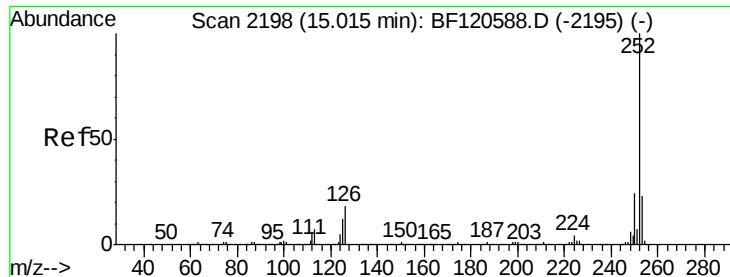
#88
 Benzo(b)fluoranthene
 Concen: 7.619 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120622.D
 Acq: 15 Jun 2020 15:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.1	27.1
125	10.1	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: 9.277 ng

RT: 15.00 min Scan# 2195

Delta R.T. -0.02 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

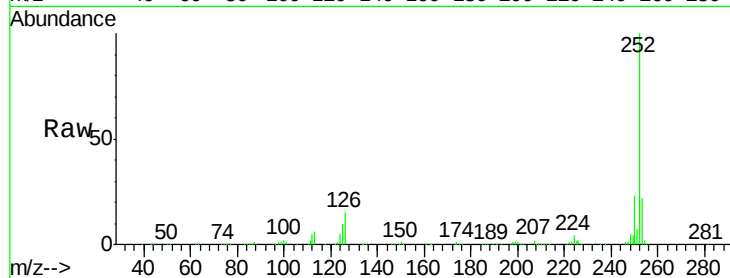
Tot Ion:252 Resp: 272168

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

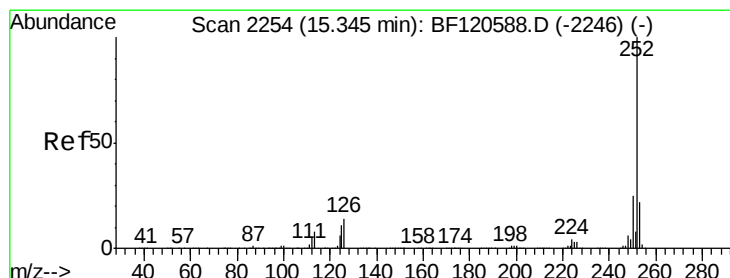
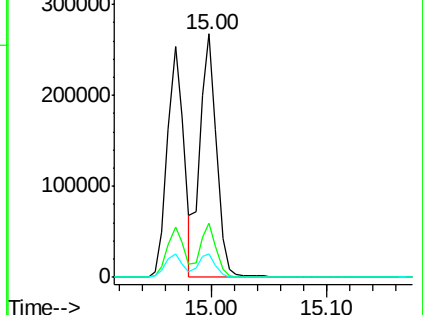
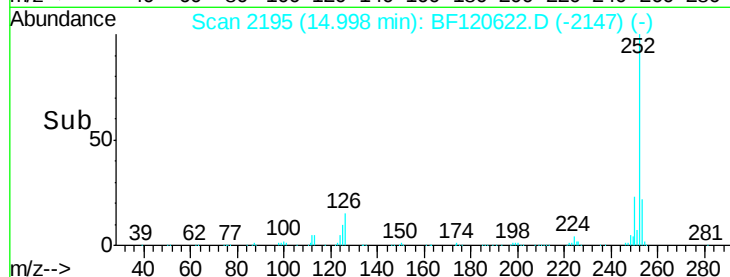
125 9.6 8.3 12.5



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



#90

Benzo(a)pyrene

Concen: 7.971 ng

RT: 15.32 min Scan# 2250

Delta R.T. -0.02 min

Lab File: BF120622.D

Acq: 15 Jun 2020 15:55

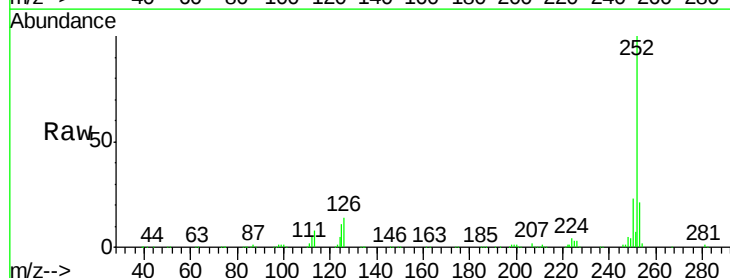
Tgt Ion:252 Resp: 236520

Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.8

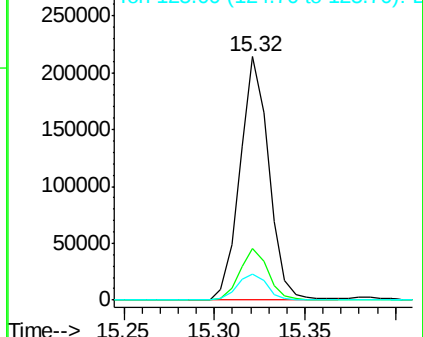
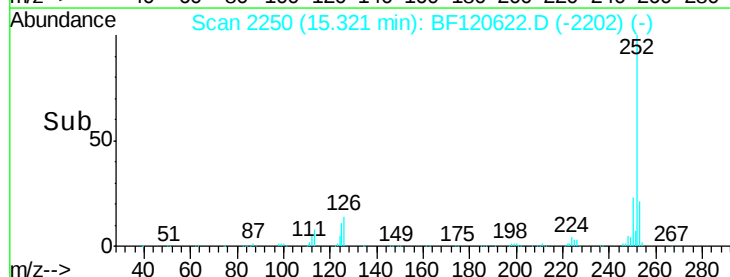
125 10.9 8.6 12.8

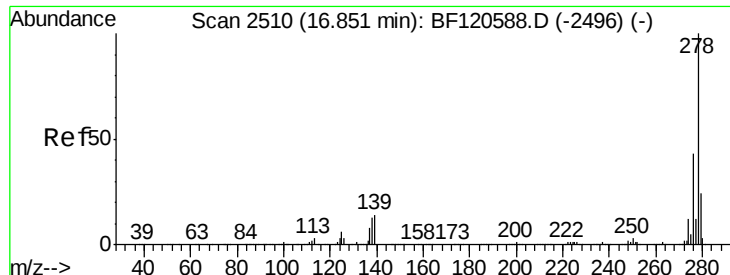


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

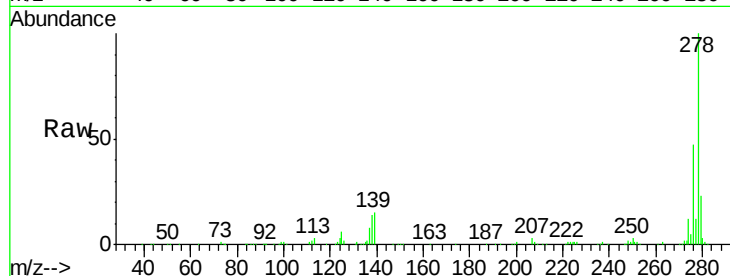




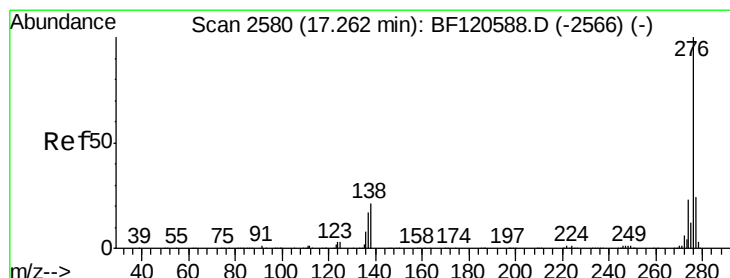
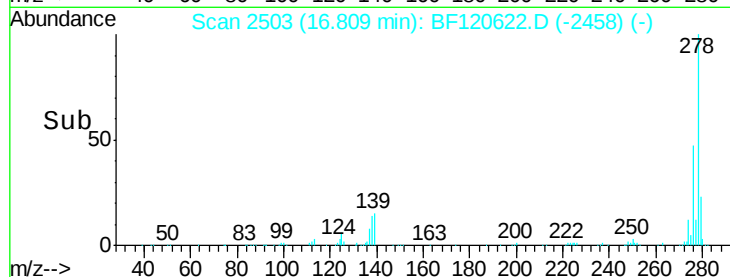
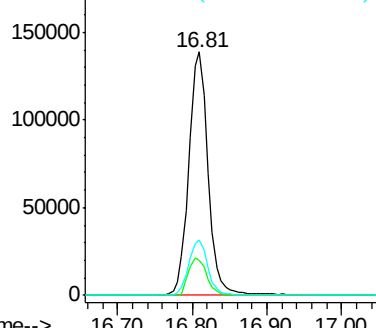
#91
Dibenzo(a,h)anthracene
Concen: 9.208 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.04 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:278 Resp: 249993
Ion Ratio Lower Upper
278 100
139 14.6 11.4 17.2
279 22.6 19.1 28.7

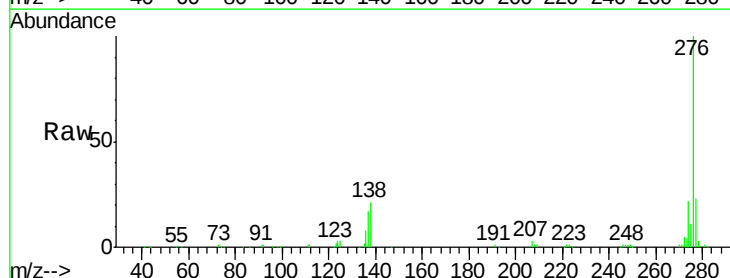


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 9.109 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BF120622.D
Acq: 15 Jun 2020 15:55

Tgt Ion:276 Resp: 249279
Ion Ratio Lower Upper
276 100
277 23.1 19.6 29.4
138 21.2 16.5 24.7



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

