

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120823.D
 Acq On : 10 Jul 2020 10:42
 Operator : JU/CG
 Sample : L3216-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Quant Time: Jul 10 11:24:11 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 11:06:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	140000	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	523069	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	252121	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	434556	20.00	ng	0.00
76) Chrysene-d12	14.00	240	311911	20.00	ng	0.00
86) Perylene-d12	15.46	264	258228	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	840140	92.63	ng	0.00
7) Phenol-d6	6.47	99	1062762	91.76	ng	0.00
23) Nitrobenzene-d5	7.41	82	710104	78.65	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	242309	95.66	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1276210	76.58	ng	0.00
79) Terphenyl-d14	12.95	244	998796	62.70	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.58	88	32315	7.800	ng	98
3) Pyridine	3.36	79	59874	5.276	ng	94
4) n-Nitrosodimethylamine	3.26	42	35111	6.185	ng	92
6) Aniline	6.50	93	105020	7.060	ng	99
8) 2-Chlorophenol	6.63	128	66787	6.917	ng	95
9) Benzaldehyde	6.39	77	58859	8.545	ng	98
10) Phenol	6.48	94	84588	7.100	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	65954	6.803	ng	99
12) 1,3-Dichlorobenzene	6.79	146	73716	6.936	ng	96
13) 1,4-Dichlorobenzene	6.86	146	74483	6.997	ng	99
14) 1,2-Dichlorobenzene	7.02	146	69583	6.871	ng	99
15) Benzyl Alcohol	6.98	79	64698	7.435	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	98530	6.515	ng	100
17) 2-Methylphenol	7.09	107	52164	6.039	ng	96
18) Hexachloroethane	7.36	117	26657	6.663	ng	92
19) n-Nitroso-di-n-propylamine	7.25	70	45993	6.595	ng	99
20) 3+4-Methylphenols	7.24	107	67296	6.325	ng	95
22) Acetophenone	7.25	105	99268	7.635	ng	97
24) Nitrobenzene	7.42	77	75476	7.446	ng	95
25) Isophorone	7.66	82	122019	6.267	ng	# 94
26) 2-Nitrophenol	7.74	139	22958	6.196	ng	99
27) 2,4-Dimethylphenol	7.77	122	53627	6.900	ng	97
28) bis(2-Chloroethoxy)methane	7.87	93	78109	6.778	ng	98
29) 2,4-Dichlorophenol	7.97	162	48450	6.244	ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	58459	6.708	ng	99
31) Naphthalene	8.15	128	200383	7.168	ng	97
32) Benzoic acid	7.82	122	14433	3.431	ng	98
33) 4-Chloroaniline	8.19	127	77267	6.514	ng	94
34) Hexachlorobutadiene	8.27	225	33317	6.357	ng	99
35) Caprolactam	8.52	113	12499	5.528	ng	90
36) 4-Chloro-3-methylphenol	8.66	107	49603	6.146	ng	98
37) 2-Methylnaphthalene	8.84	142	125149	6.887	ng	99
38) 1-Methylnaphthalene	8.94	142	118520	6.963	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	55634	7.301	ng	98

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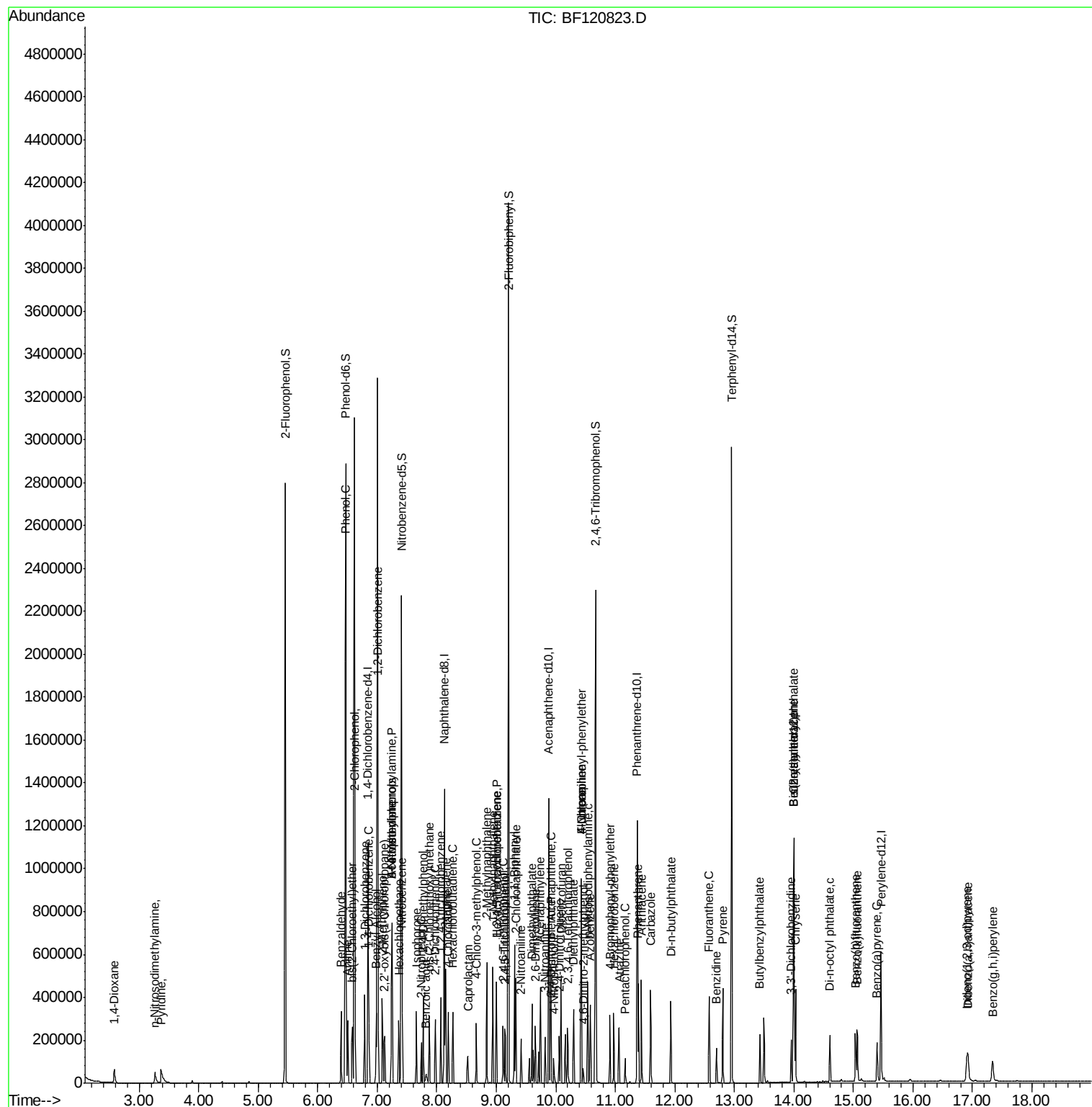
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	25273	5.614	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	30700	5.913	nq	100
44) 2,4,5-Trichlorophenol	9.15	196	33609	5.833	nq	# 90
46) 1,1'-Biphenyl	9.30	154	158268	7.782	nq	98
47) 2-Chloronaphthalene	9.33	162	109932	6.747	nq	99
48) 2-Nitroaniline	9.42	65	27811	6.380	nq	91
49) Acenaphthylene	9.74	152	174435	6.829	nq	98
50) Dimethylphthalate	9.60	163	118900	6.465	nq	98
51) 2,6-Dinitrotoluene	9.66	165	21578	6.494	nq	95
52) Acenaphthene	9.92	154	103461	6.529	nq	98
53) 3-Nitroaniline	9.82	138	25405	6.189	nq	91
54) 2,4-Dinitrophenol	9.93	184	2992	2.727	nq	# 35
55) Dibenzofuran	10.09	168	158777	6.951	nq	99
56) 4-Nitrophenol	9.97	139	15639	5.187	nq	96
57) 2,4-Dinitrotoluene	10.06	165	25098	6.292	nq	98
58) Fluorene	10.43	166	118300	6.958	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	26041	6.073	nq	# 87
60) Diethylphthalate	10.30	149	119153	6.219	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	57536	6.732	nq	93
62) 4-Nitroaniline	10.43	138	23444	5.999	nq	98
63) Azobenzene	10.58	77	130481	6.658	nq	93
65) 4,6-Dinitro-2-methylphenol	10.46	198	6351	4.549	nq	93
66) n-Nitrosodiphenylamine	10.54	169	99138	6.806	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	30199	5.991	nq	97
68) Hexachlorobenzene	10.97	284	33154	6.268	nq	98
69) Atrazine	11.06	200	26709	7.118	nq	99
70) Pentachlorophenol	11.17	266	12942	4.324	nq	98
71) Phenanthrene	11.39	178	160940	6.826	nq	99
72) Anthracene	11.44	178	162381	6.815	nq	98
73) Carbazole	11.59	167	143448	6.265	nq	98
74) Di-n-butylphthalate	11.93	149	154968	5.467	nq	99
75) Fluoranthene	12.57	202	154078	6.134	nq	98
77) Benzidine	12.70	184	53721	6.102	nq	# 95
78) Pyrene	12.80	202	161139	6.469	nq	99
80) Butylbenzylphthalate	13.43	149	48390	4.499	nq	99
81) Benzo(a)anthracene	13.99	228	132440	6.624	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	37421	5.546	nq	# 94
83) Chrysene	14.03	228	129157	6.333	nq	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	77132	5.469	nq	100
85) Di-n-octyl phthalate	14.60	149	93919	3.764	nq	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	97130	5.864	nq	97
88) Benzo(b)fluoranthene	15.03	252	101062	5.953	nq	97
89) Benzo(k)fluoranthene	15.06	252	107278	6.494	nq	97
90) Benzo(a)pyrene	15.40	252	87089	5.751	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	83653	6.060	nq	98
92) Benzo(g,h,i)perylene	17.34	276	82781	6.561	nq	99

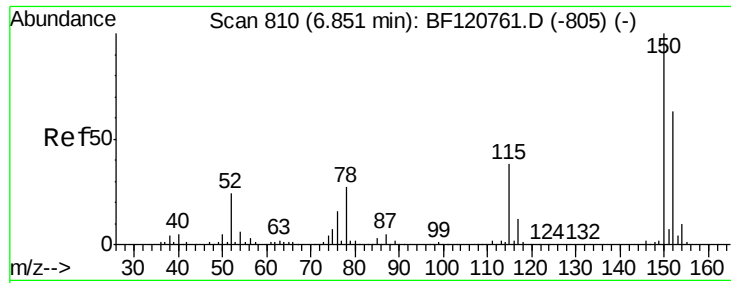
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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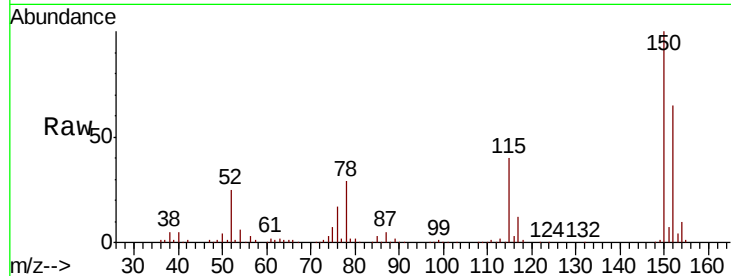


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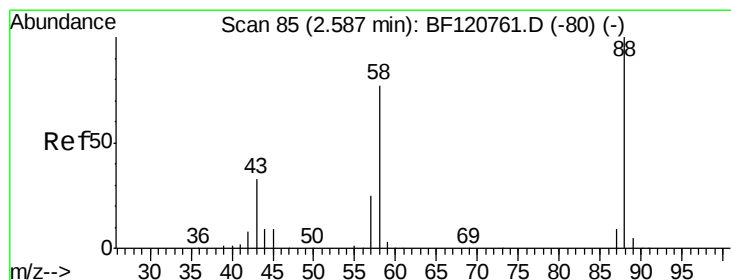
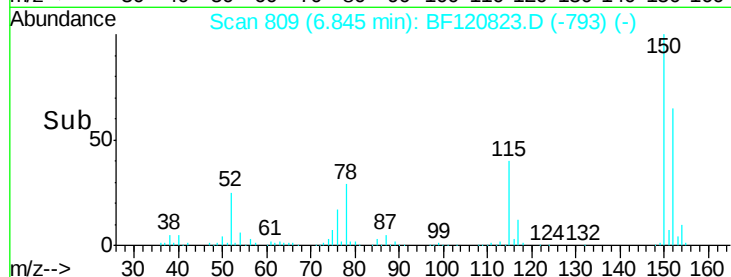
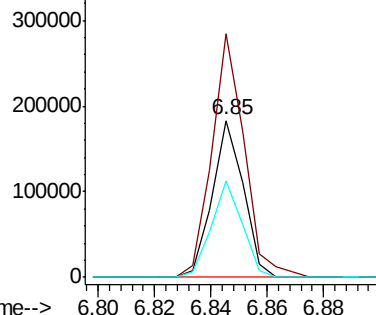
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:152 Resp: 140000
Ion Ratio Lower Upper
152 100
150 155.0 126.1 189.1
115 61.3 48.5 72.7



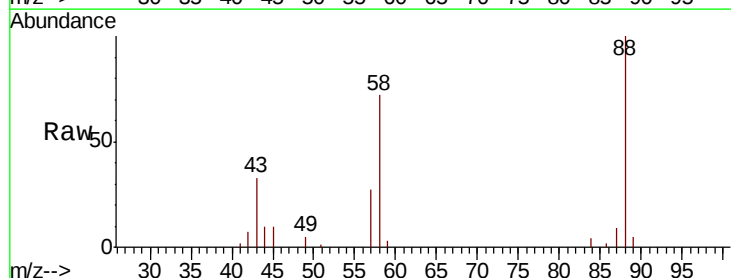
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



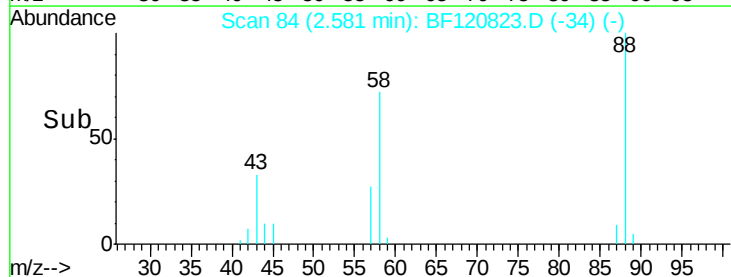
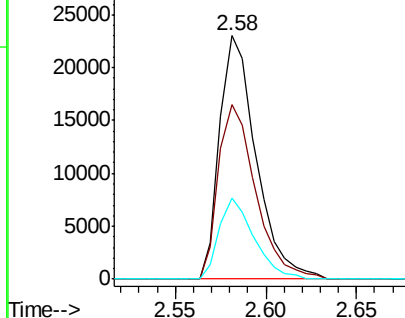
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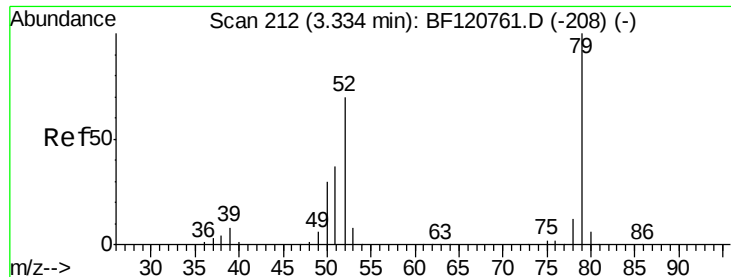
1,4-Dioxane
Concen: 7.800 ng
RT: 2.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion: 88 Resp: 32315
Ion Ratio Lower Upper
88 100
58 73.5 60.4 90.6
43 31.9 26.3 39.5



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

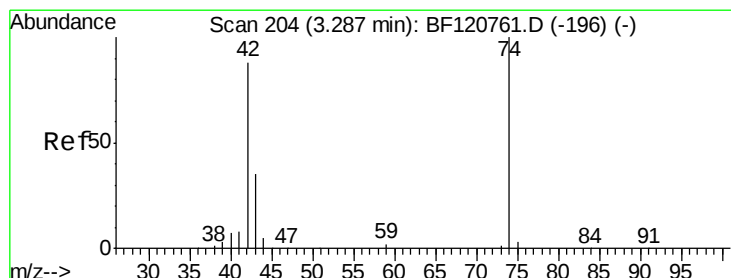
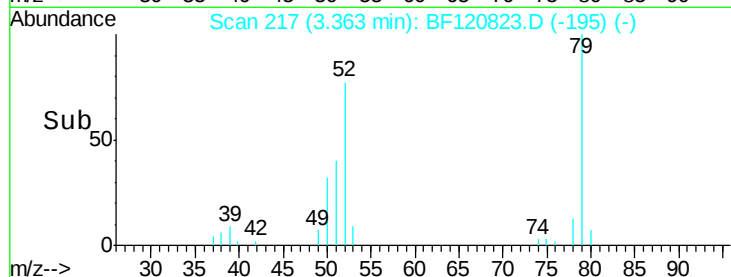
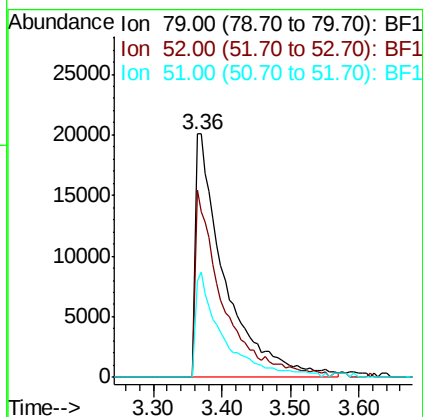
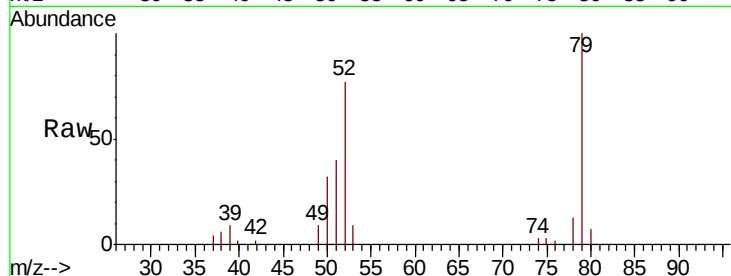




#3
 Pvridine
 Concen: 5.276 ng
 RT: 3.36 min Scan# 217
 Delta R.T. 0.03 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

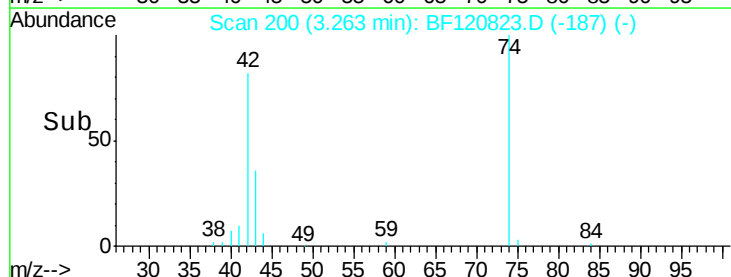
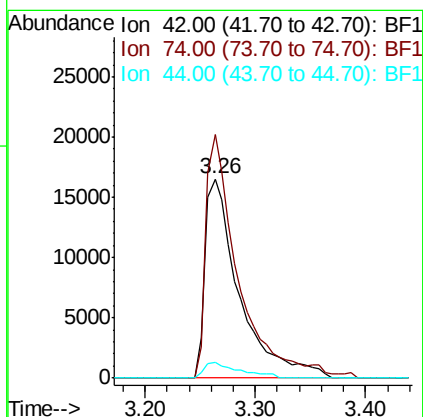
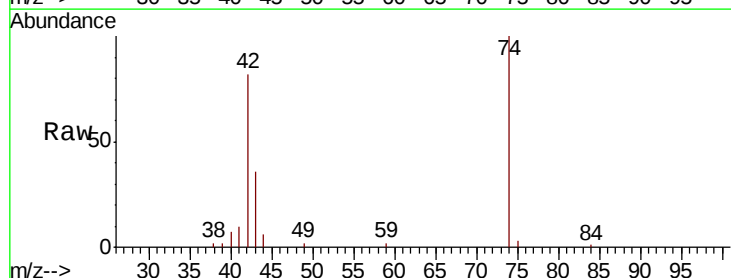
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion: 79 Resp: 59874
 Ion Ratio Lower Upper
 79 100
 52 76.8 56.3 84.5
 51 39.6 30.1 45.1



#4
 n-Nitrosodimethylamine
 Concen: 6.185 ng
 RT: 3.26 min Scan# 200
 Delta R.T. -0.02 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion: 42 Resp: 35111
 Ion Ratio Lower Upper
 42 100
 74 122.1 90.8 136.2
 44 7.8 5.8 8.8





#5

2-Fluorophenol

Concen: 92.634 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

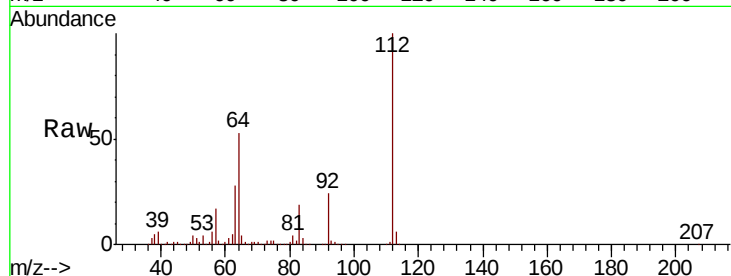
Tot Ion:112 Resp: 840140

Ion Ratio Lower Upper

112 100

64 53.0 43.8 65.6

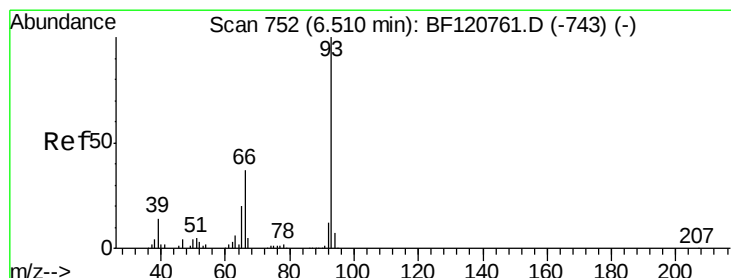
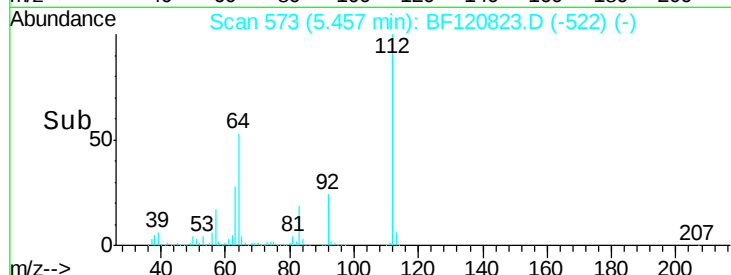
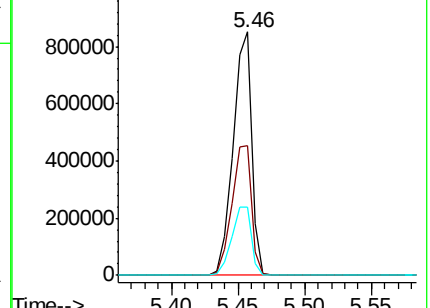
63 28.2 23.6 35.4



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: 7.060 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

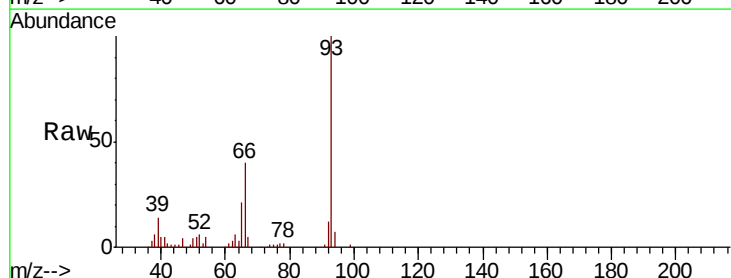
Tgt Ion: 93 Resp: 105020

Ion Ratio Lower Upper

93 100

66 39.6 31.3 46.9

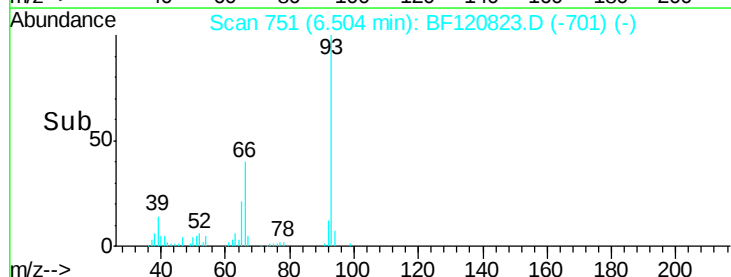
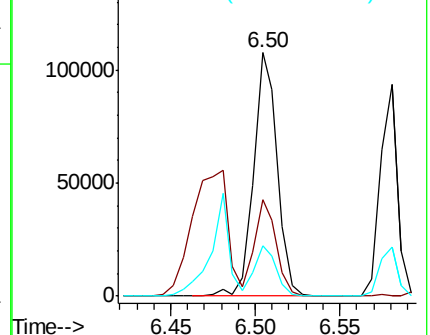
65 20.7 16.5 24.7



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: 91.760 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

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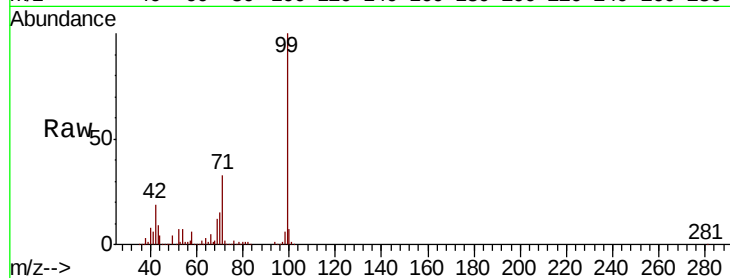
Tot Ion: 99 Resp: 1062762

Ion Ratio Lower Upper

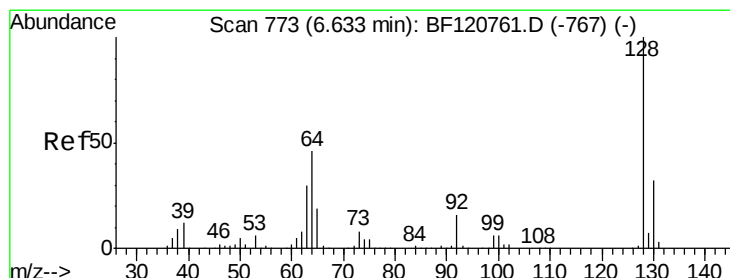
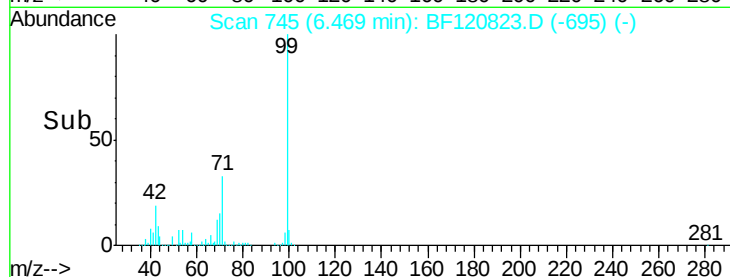
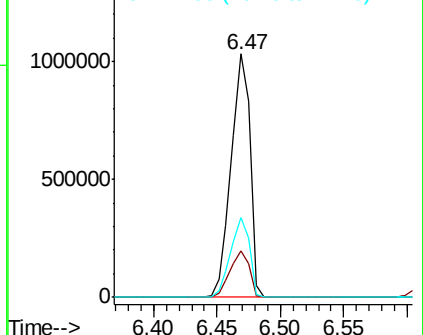
99 100

42 19.0 15.4 23.0

71 32.6 25.9 38.9



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: 6.917 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

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Acq: 10 Jul 2020 10:42

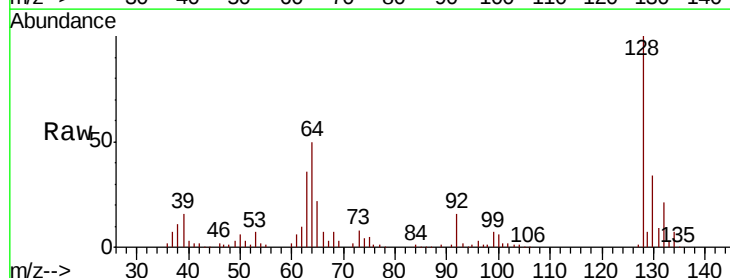
Tgt Ion: 128 Resp: 66787

Ion Ratio Lower Upper

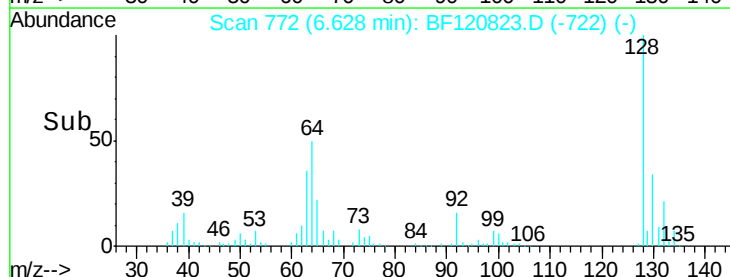
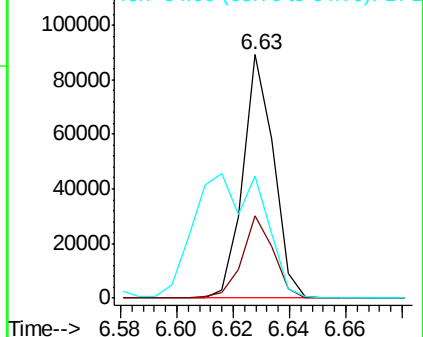
128 100

130 33.6 12.1 52.1

64 50.2 26.3 66.3



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

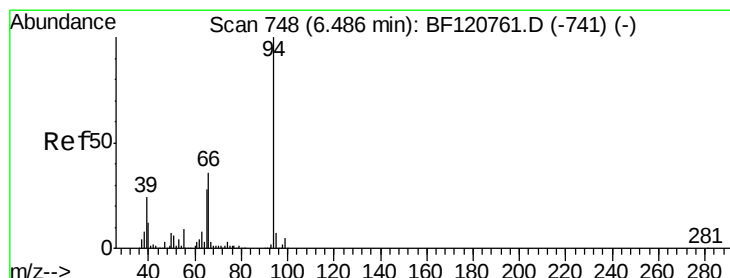
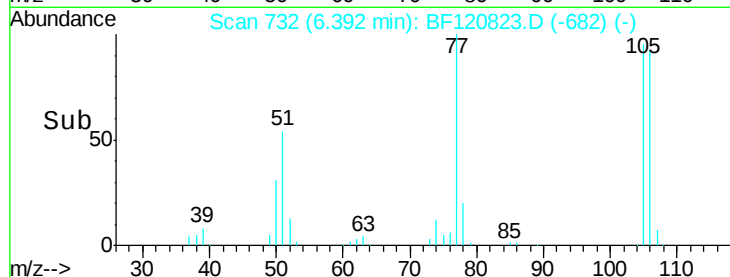
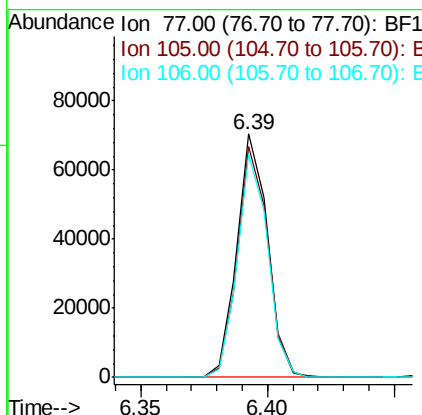
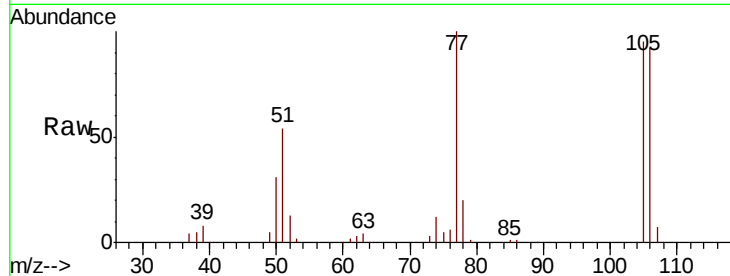




#9
Benzaldehyde
Concen: 8.545 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120823.D
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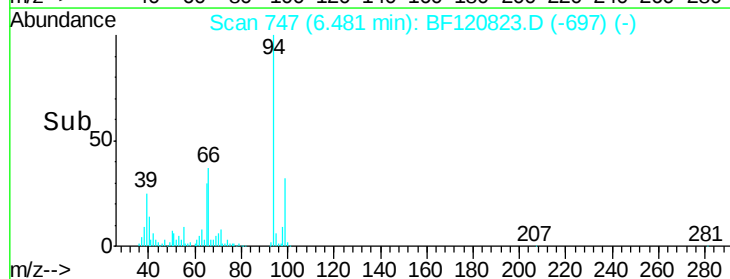
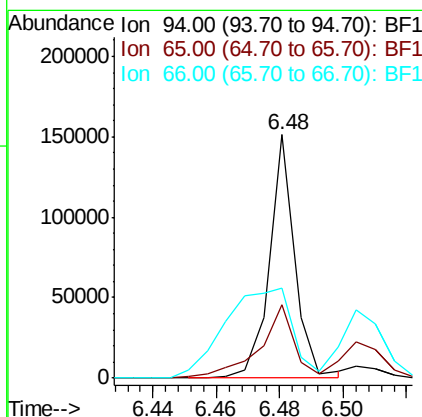
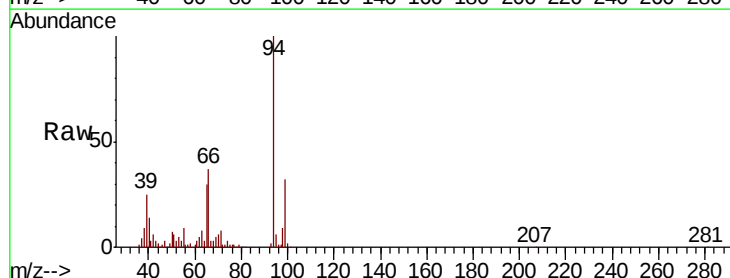
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MDL-WATER-03-QT3-2020

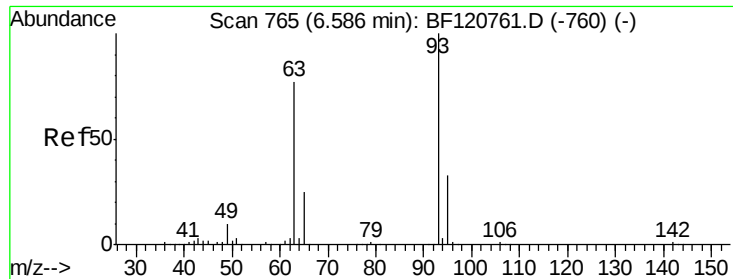
Tot Ion: 77 Resp: 58859
Ion Ratio Lower Upper
77 100
105 95.1 76.8 116.8
106 91.7 73.8 113.8



#10
Phenol
Concen: 7.100 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion: 94 Resp: 84588
Ion Ratio Lower Upper
94 100
65 29.9 8.4 48.4
66 36.8 16.5 56.5

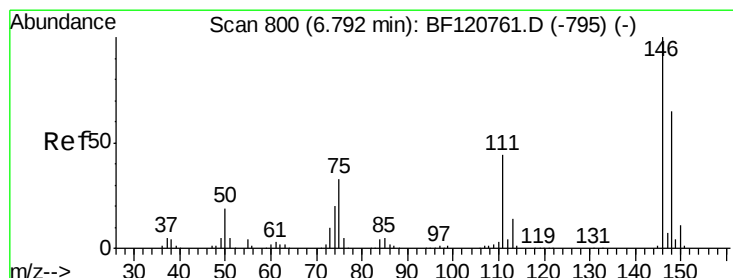
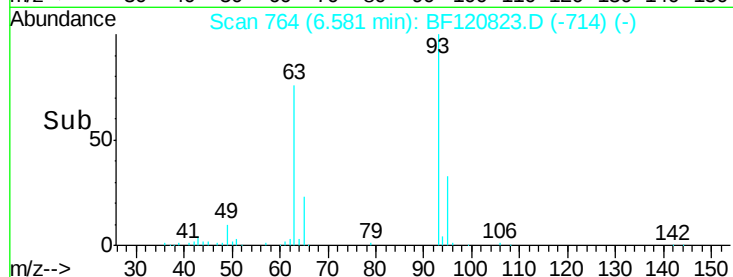
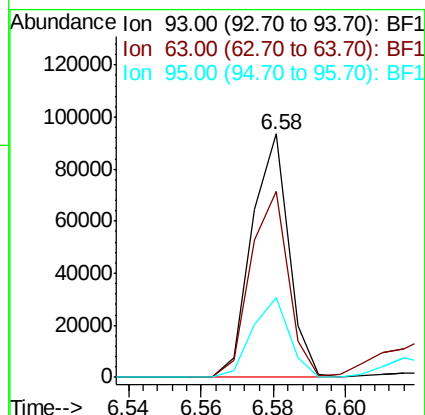
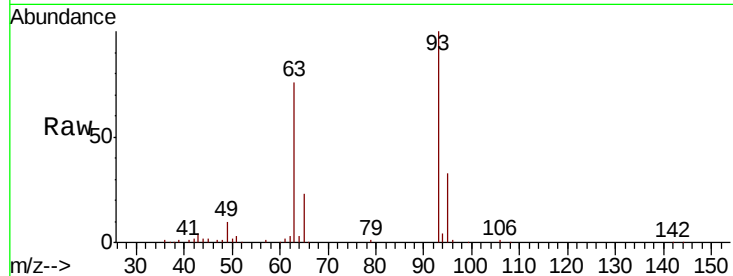




#11
bis(2-Chloroethyl)ether
Concen: 6.803 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

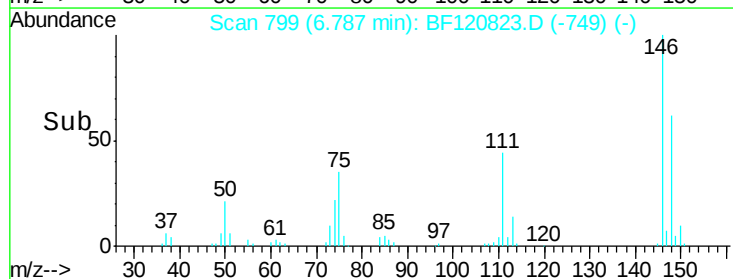
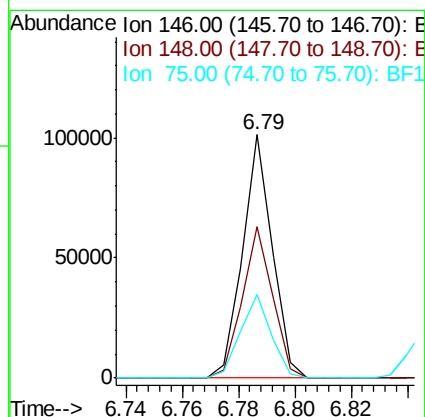
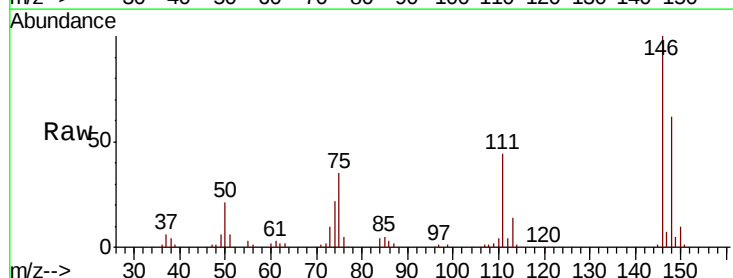
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

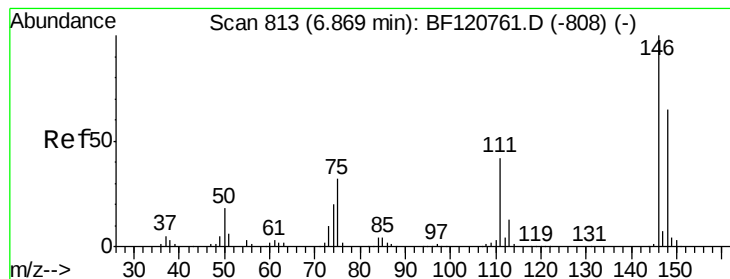
Tot Ion: 93 Resp: 65954
Ion Ratio Lower Upper
93 100
63 76.3 56.9 96.9
95 32.6 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 6.936 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion: 146 Resp: 73716
Ion Ratio Lower Upper
146 100
148 62.3 52.1 78.1
75 34.6 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 6.997 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

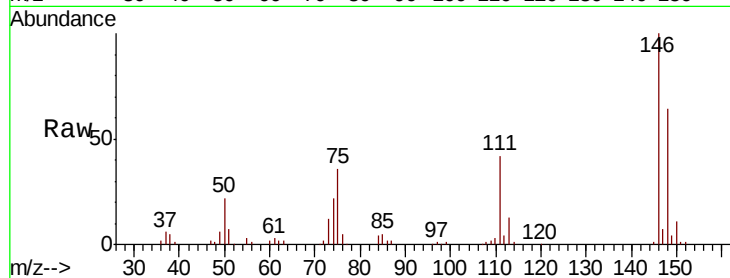
Tot Ion:146 Resp: 74483

Ion Ratio Lower Upper

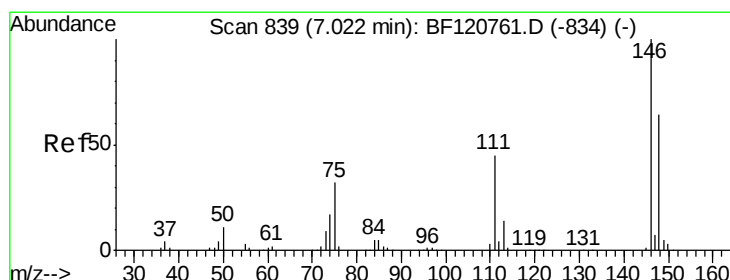
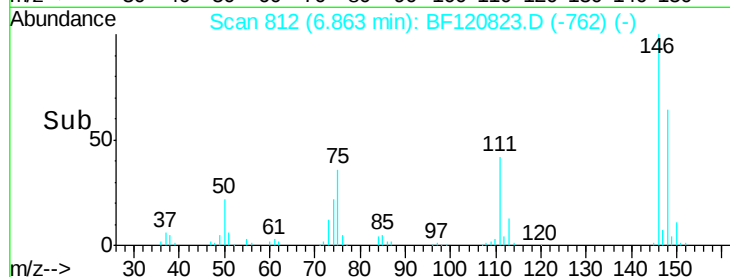
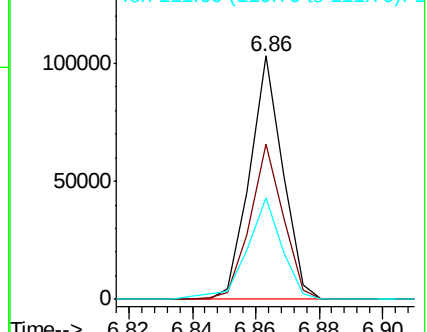
146 100

148 63.8 51.8 77.6

111 41.9 33.7 50.5



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: 6.871 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

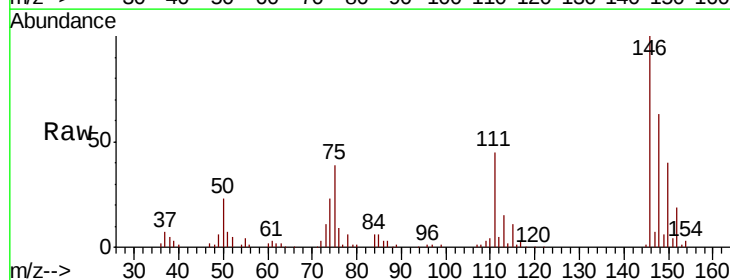
Tgt Ion:146 Resp: 69583

Ion Ratio Lower Upper

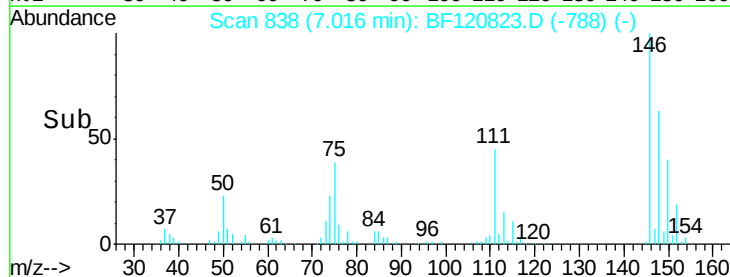
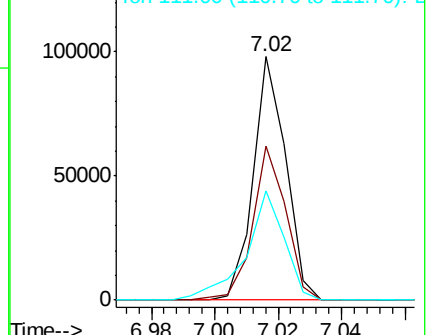
146 100

148 63.1 51.0 76.4

111 44.8 35.7 53.5



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: 7.435 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

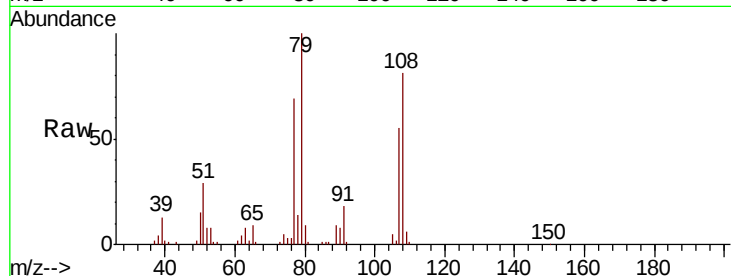
Tot Ion: 79 Resp: 64698

Ion Ratio Lower Upper

79 100

108 80.5 62.4 93.6

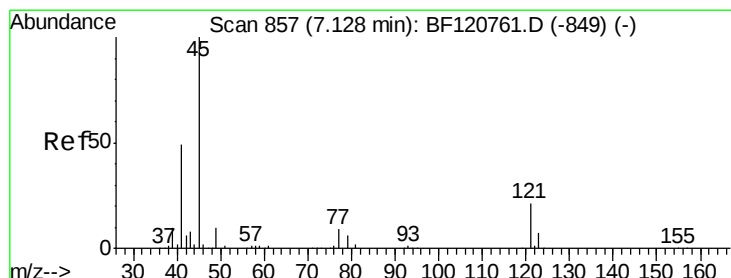
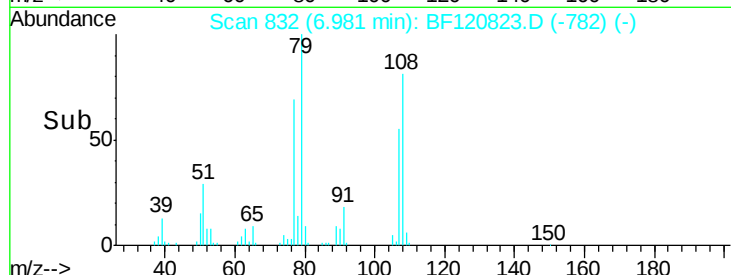
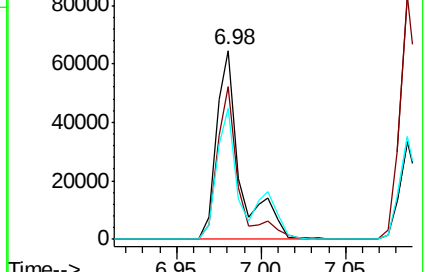
77 69.2 52.7 79.1



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: 6.515 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

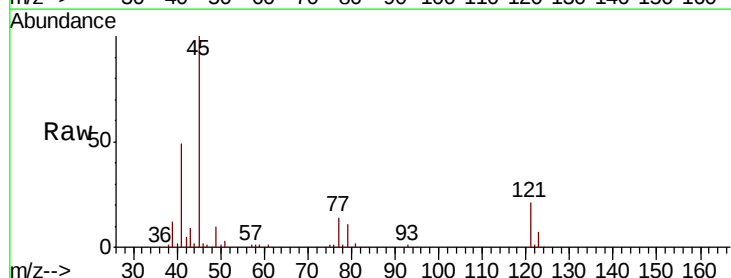
Tgt Ion: 45 Resp: 98530

Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

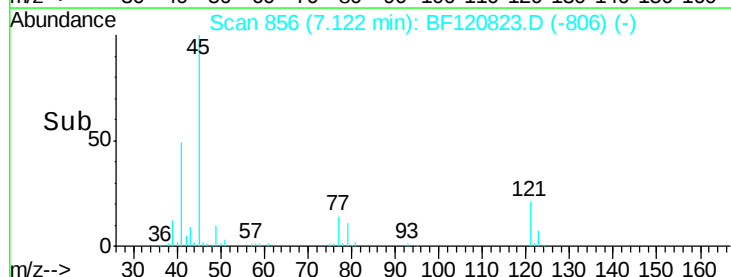
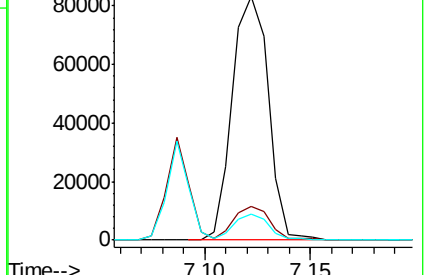
79 10.5 0.0 30.5

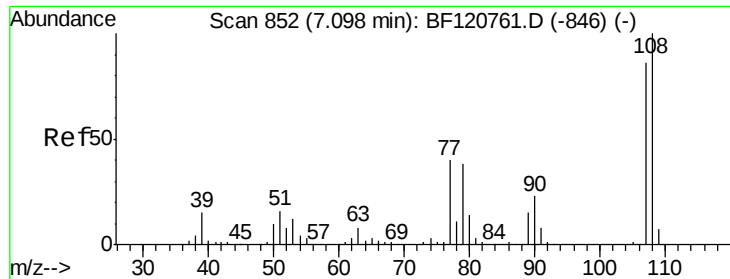


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

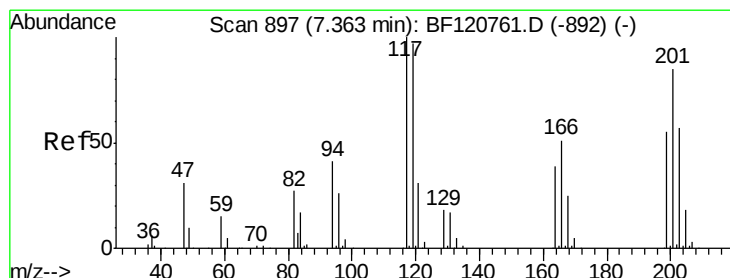
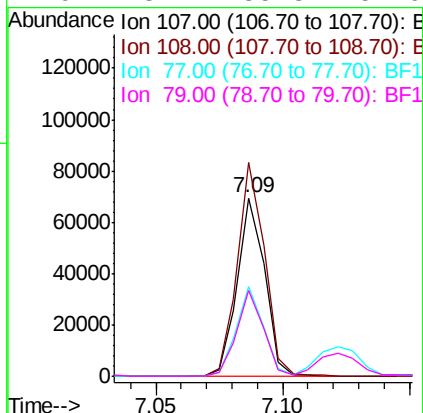
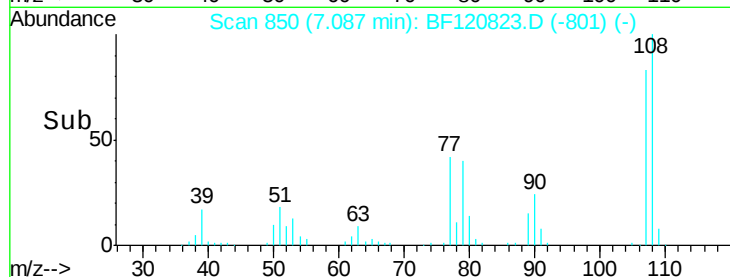
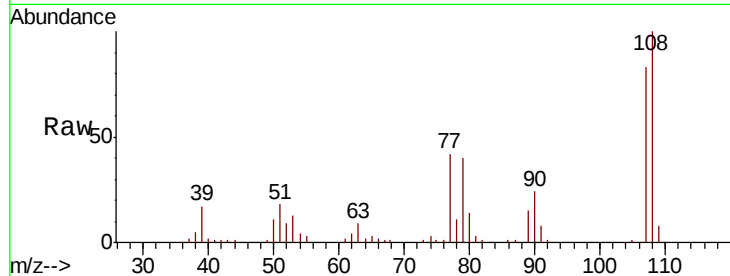




#17
2-Methylphenol
Concen: 6.039 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

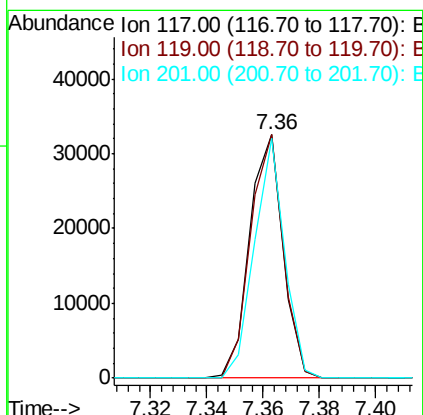
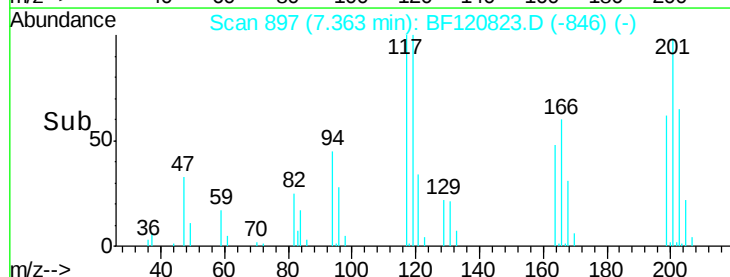
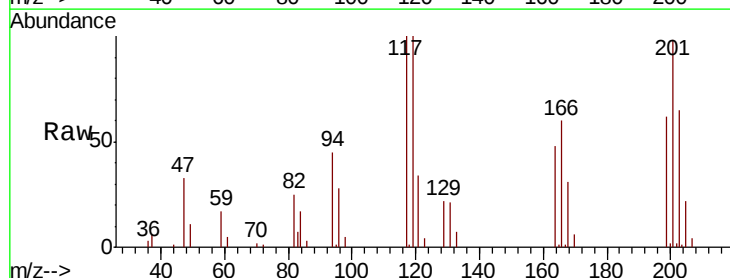
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

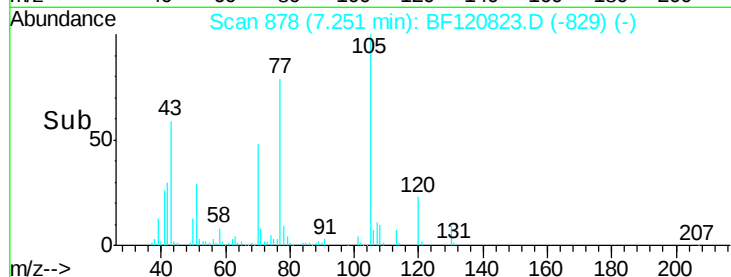
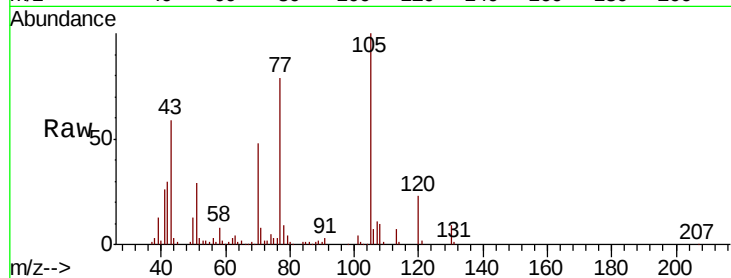
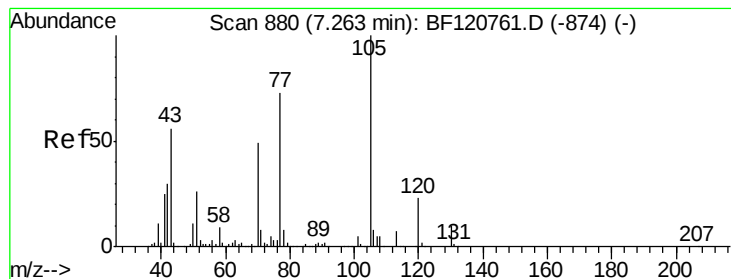
Tot Ion:	107	Resp:	52164
Ion	Ratio	Lower	Upper
107	100		
108	119.8	93.1	139.7
77	50.5	37.3	55.9
79	48.4	35.3	52.9



#18
Hexachloroethane
Concen: 6.663 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:	117	Resp:	26657
Ion	Ratio	Lower	Upper
117	100		
119	100.1	77.9	116.9
201	98.4	68.3	102.5





#19

n-Nitroso-di-n-propylamine

Concen: 6.595 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion: 70 Resp: 45993

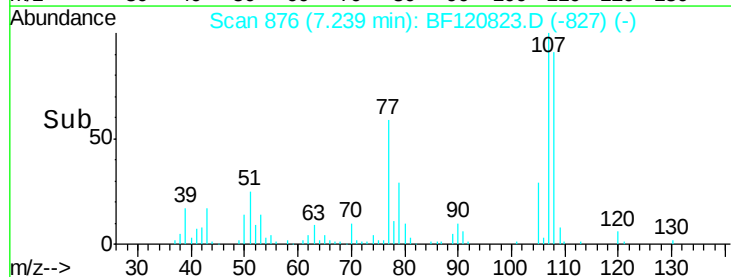
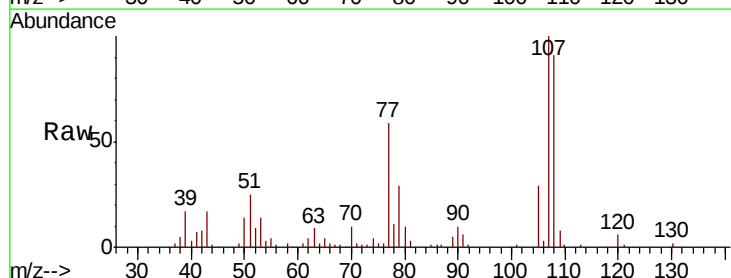
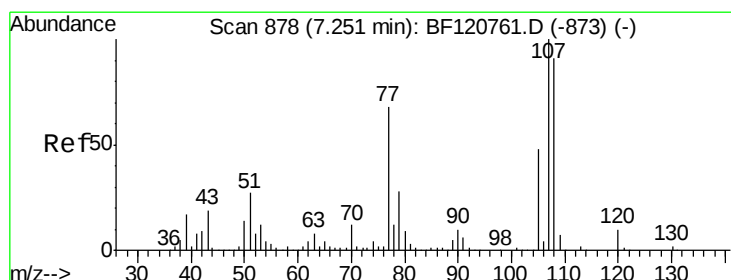
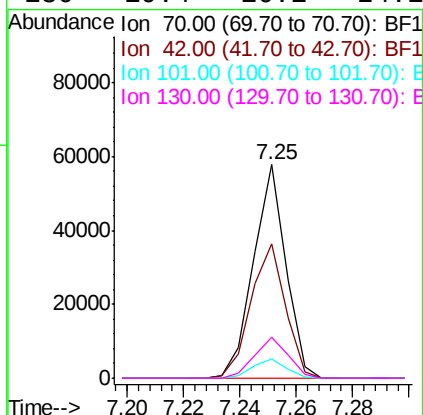
Ion Ratio Lower Upper

70 100

42 62.9 50.3 75.5

101 8.7 7.5 11.3

130 19.4 16.1 24.1



#20

3+4-Methylphenols

Concen: 6.325 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Tgt Ion: 107 Resp: 67296

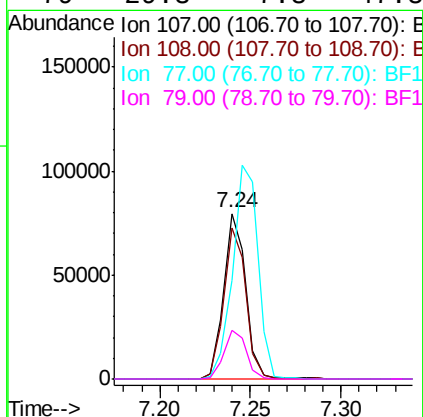
Ion Ratio Lower Upper

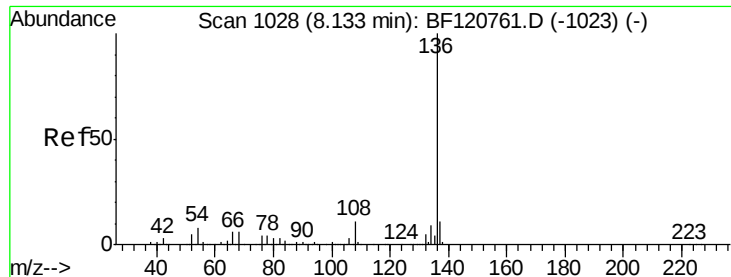
107 100

108 91.1 70.9 110.9

77 59.2 48.3 88.3

79 29.3 7.8 47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:136 Resp: 523069

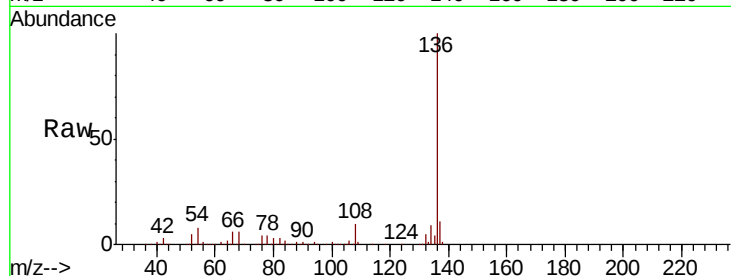
Ion Ratio Lower Upper

136 100

137 10.8 9.0 13.6

54 8.0 6.2 9.4

68 5.8 4.7 7.1

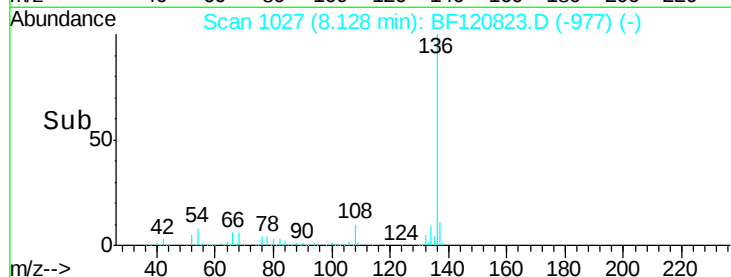


Abundance Ion 136.00 (135.70 to 136.70): E

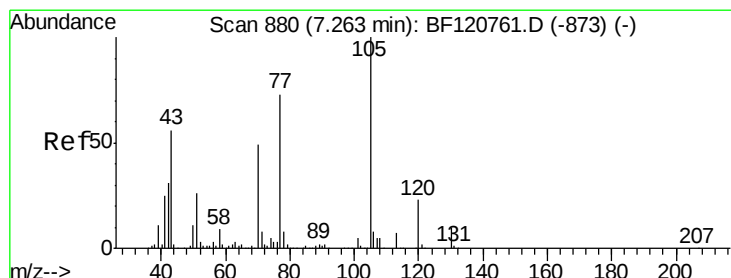
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time--> 8.05 8.10 8.15 8.20



#22

Acetophenone

Concen: 7.635 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Tgt Ion:105 Resp: 99268

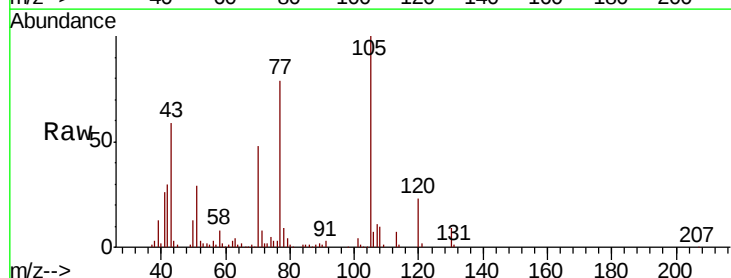
Ion Ratio Lower Upper

105 100

71 7.9 6.5 9.7

51 29.2 21.0 31.4

120 23.4 18.6 28.0

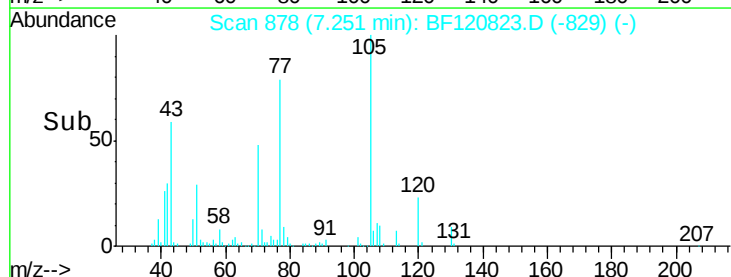


Abundance Ion 105.00 (104.70 to 105.70): E

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



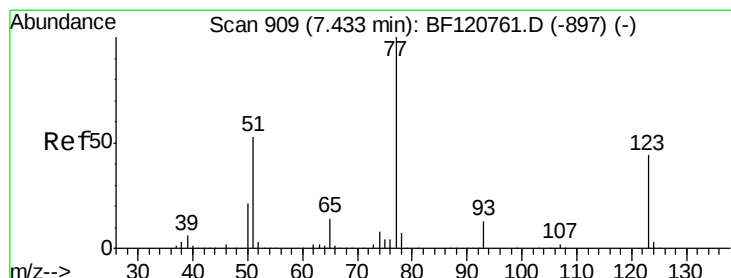
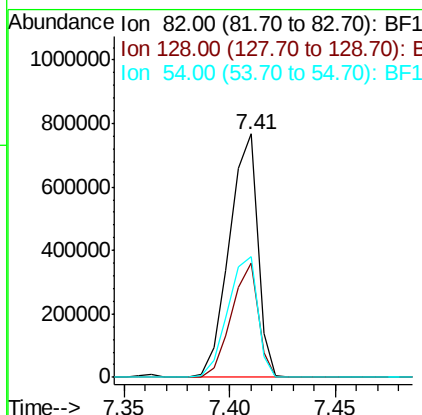
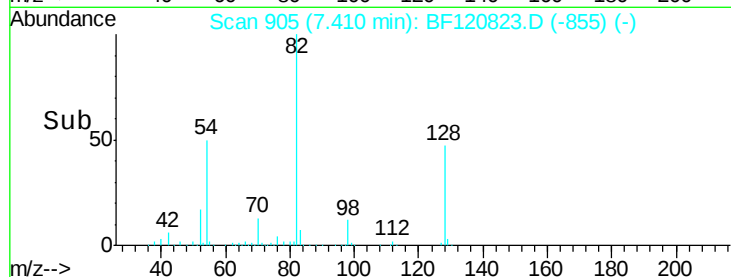
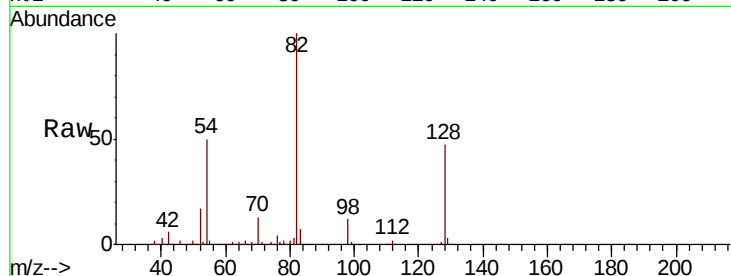
Time--> 7.20 7.25 7.30



#23
Nitrobenzene-d5
Concen: 78.655 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

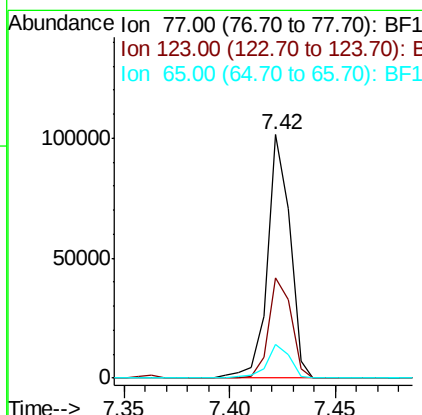
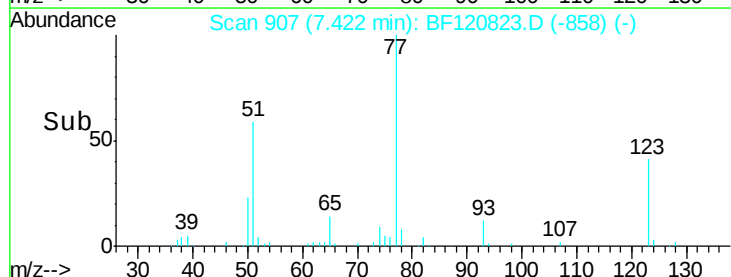
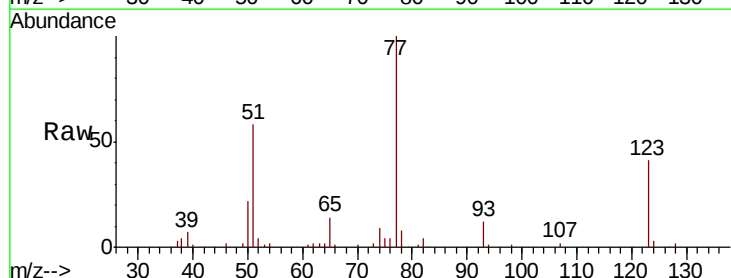
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

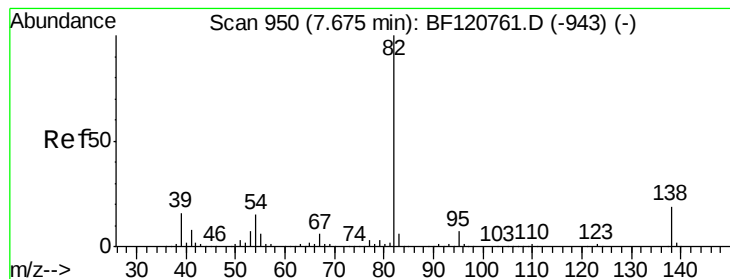
Tot Ion: 82 Resp: 710104
Ion Ratio Lower Upper
82 100
128 46.9 35.7 53.5
54 49.5 40.9 61.3



#24
Nitrobenzene
Concen: 7.446 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion: 77 Resp: 75476
Ion Ratio Lower Upper
77 100
123 41.0 36.1 54.1
65 13.6 11.0 16.4





#25

Isophorone

Concen: 6.267 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

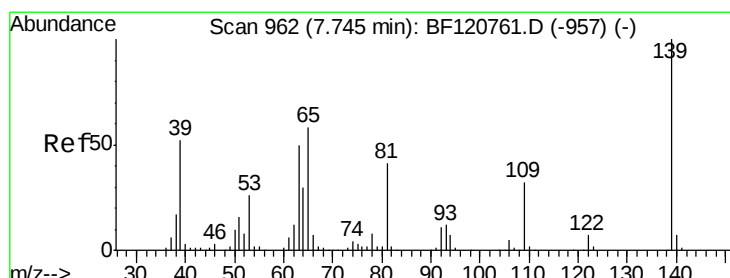
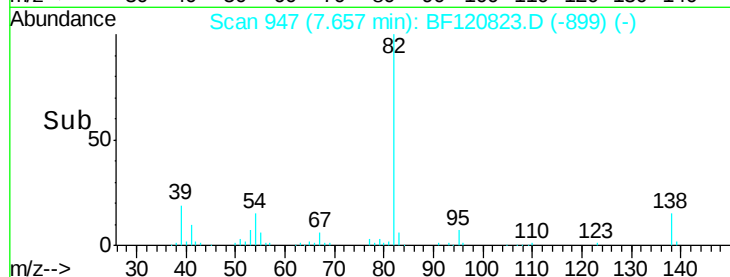
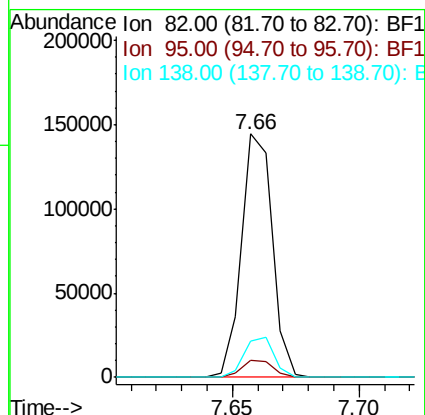
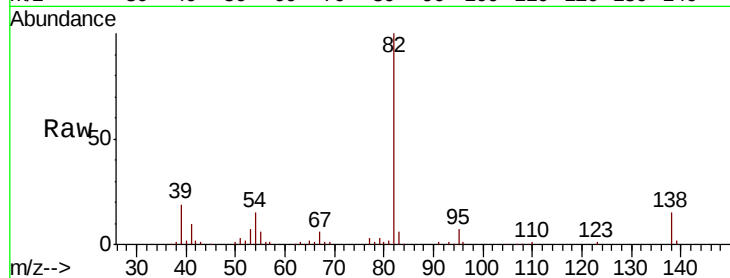
Tot Ion: 82 Resp: 122019

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

138 14.9 15.0 22.4#



#26

2-Nitrophenol

Concen: 6.196 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

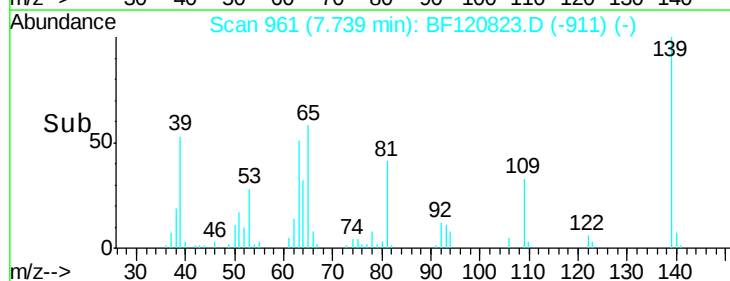
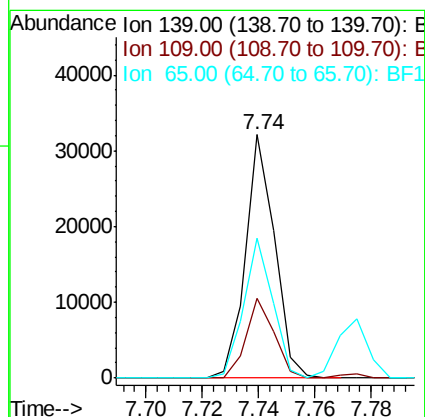
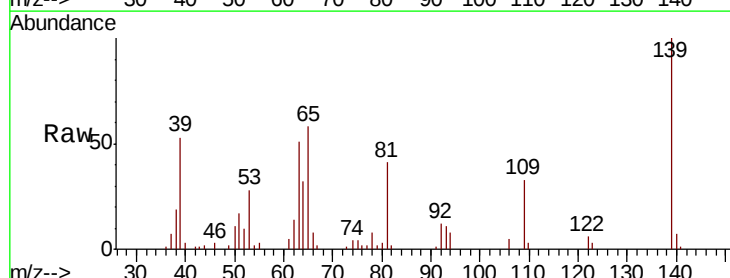
Tgt Ion: 139 Resp: 22958

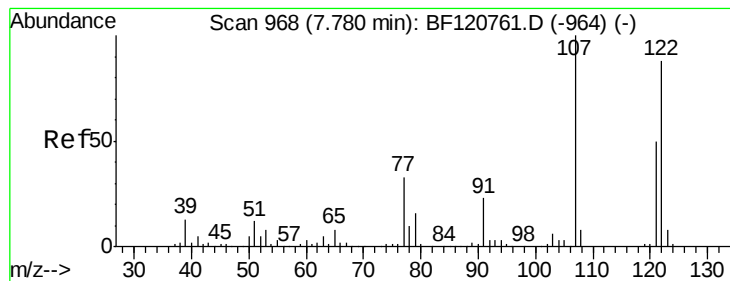
Ion Ratio Lower Upper

139 100

109 32.5 25.3 37.9

65 57.5 46.2 69.2





#27

2,4-Dimethylphenol

Concen: 6.900 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

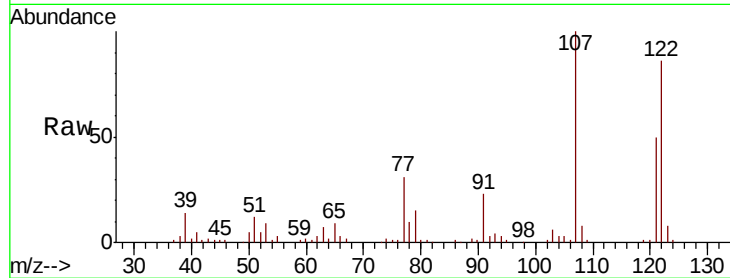
Tot Ion:122 Resp: 53627

Ion Ratio Lower Upper

122 100

107 116.9 90.7 136.1

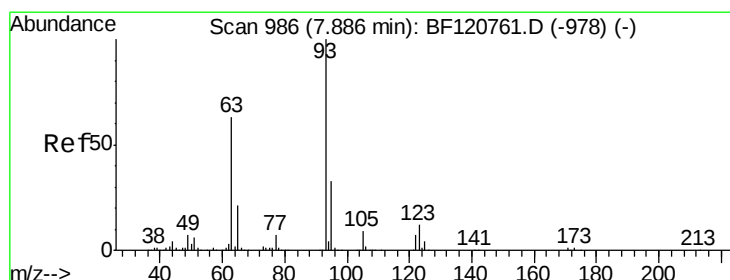
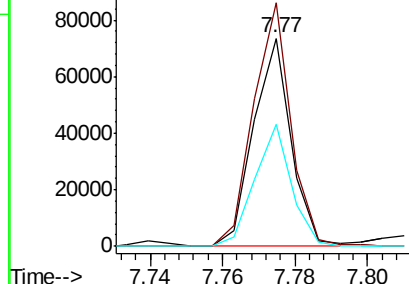
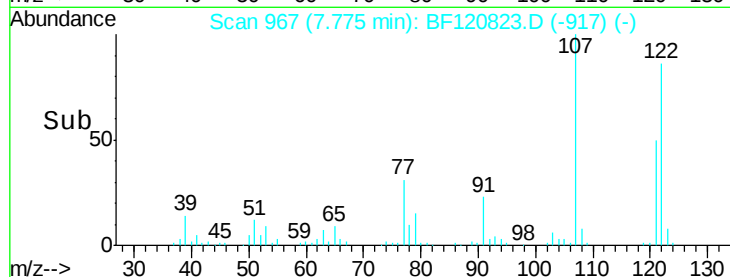
121 58.3 45.4 68.0



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: 6.778 ng

RT: 7.87 min Scan# 984

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

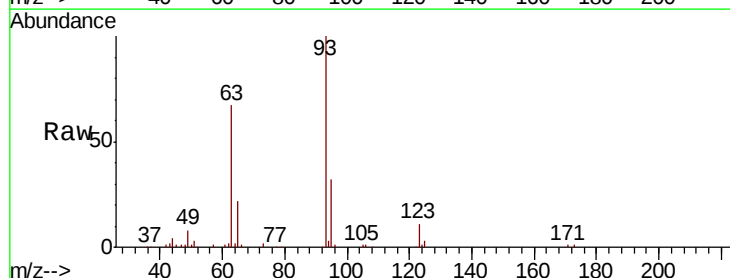
Tgt Ion: 93 Resp: 78109

Ion Ratio Lower Upper

93 100

95 32.3 26.4 39.6

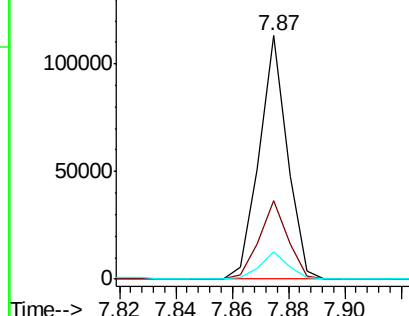
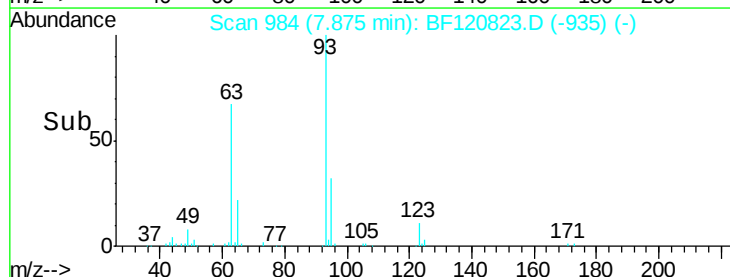
123 11.0 10.2 15.2



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

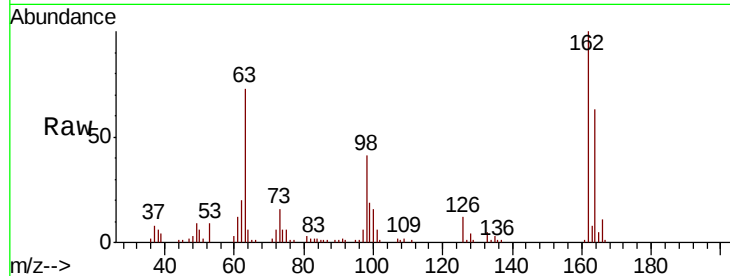




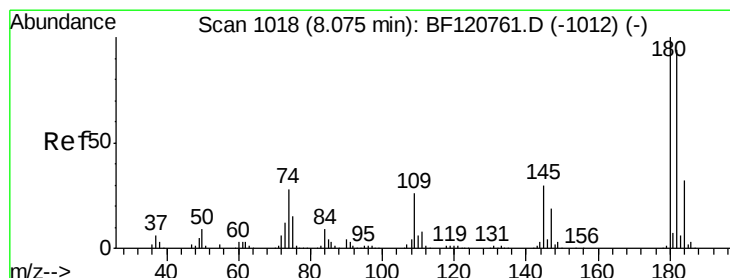
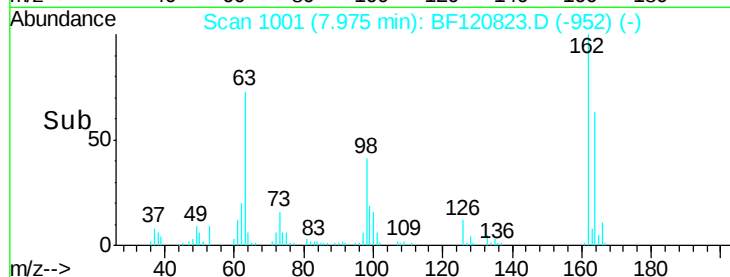
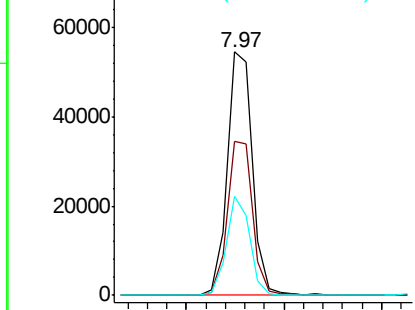
#29
2,4-Dichlorophenol
Concen: 6.244 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.1	45.2	85.2
98	40.9	17.0	57.0

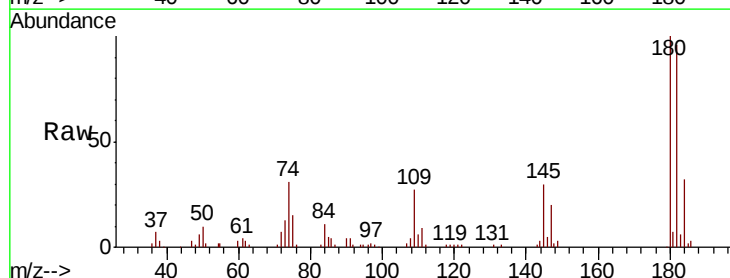


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

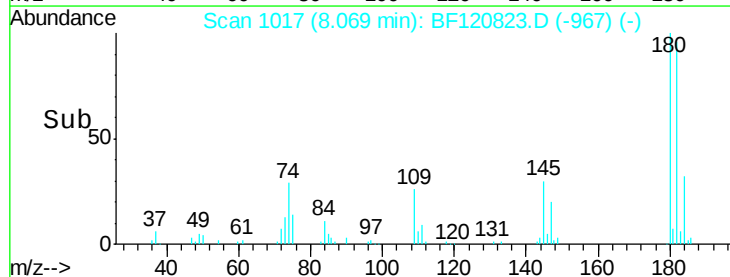
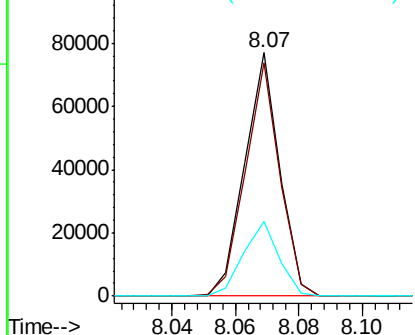


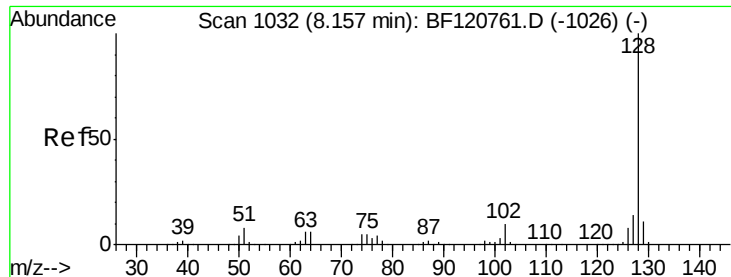
#30
1,2,4-Trichlorobenzene
Concen: 6.708 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.5	113.3
145	30.5	24.1	36.1



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

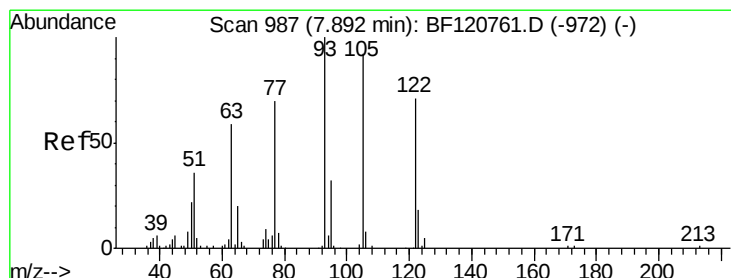
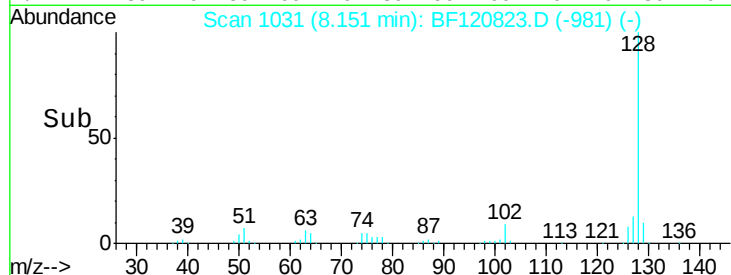
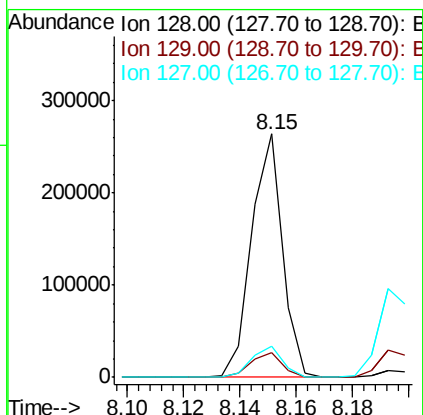
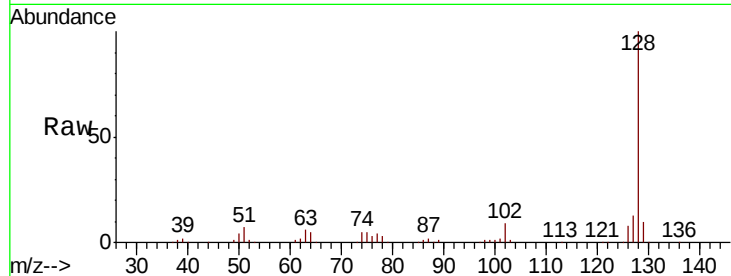




#31
Naphthalene
Concen: 7.168 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

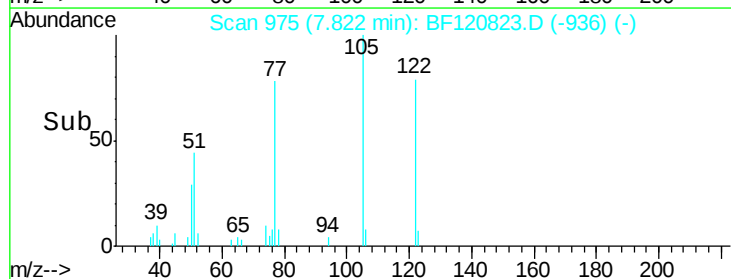
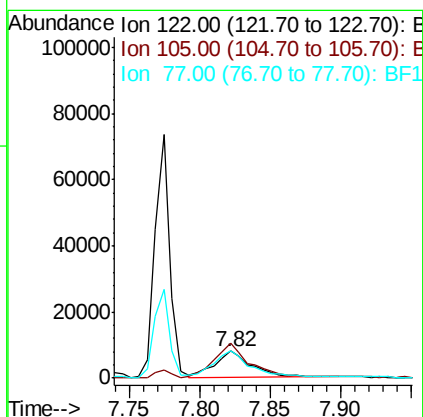
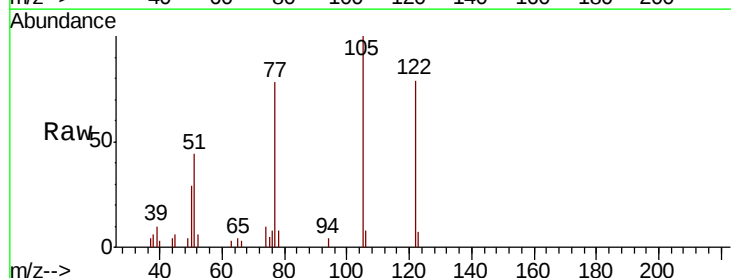
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:128 Resp: 200383
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.6 11.1 16.7



#32
Benzoic acid
Concen: 3.431 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.07 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:122 Resp: 14433
Ion Ratio Lower Upper
122 100
105 127.1 105.8 145.8
77 99.6 77.3 117.3

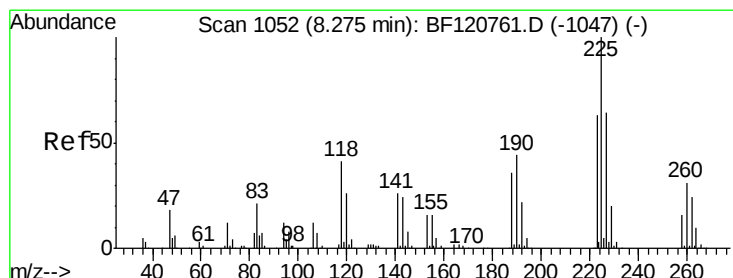
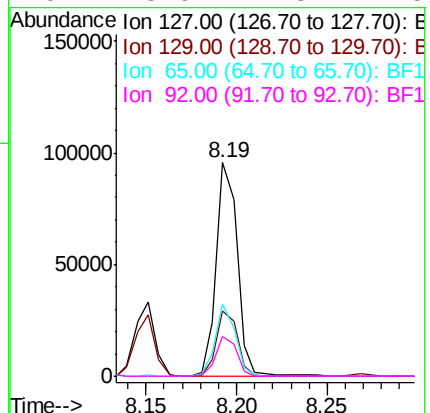
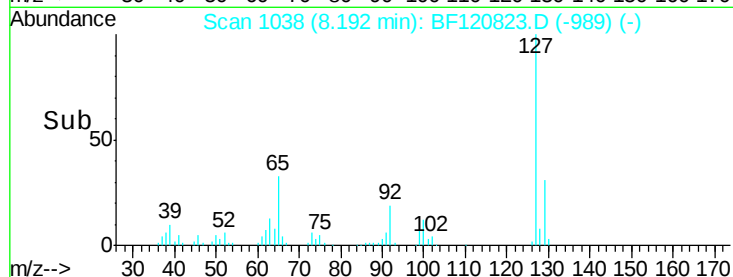
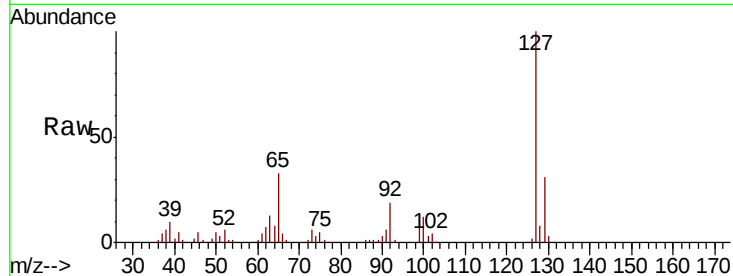




#33
4-Chloroaniline
Concen: 6.514 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

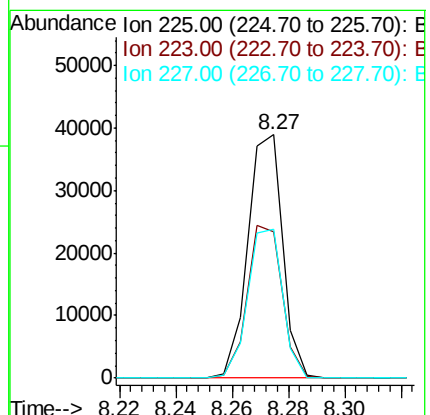
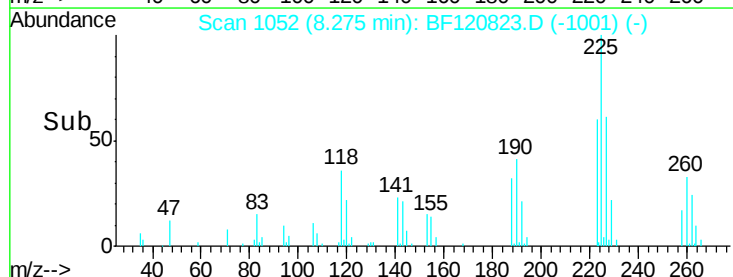
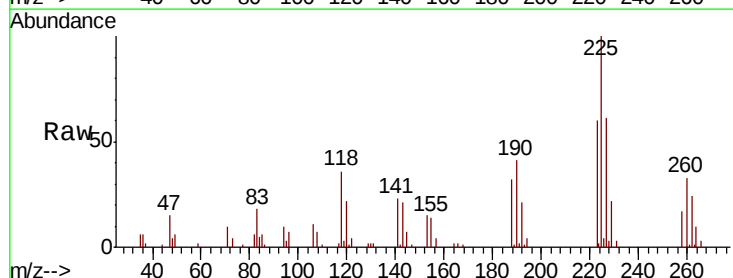
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:127	Resp:	77267
Ion Ratio	Lower	Upper
127 100		
129 30.5	26.6	39.8
65 33.5	22.7	34.1
92 18.6	14.3	21.5



#34
Hexachlorobutadiene
Concen: 6.357 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt	Ion:225	Resp:	33317
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	63.8	51.4	77.2

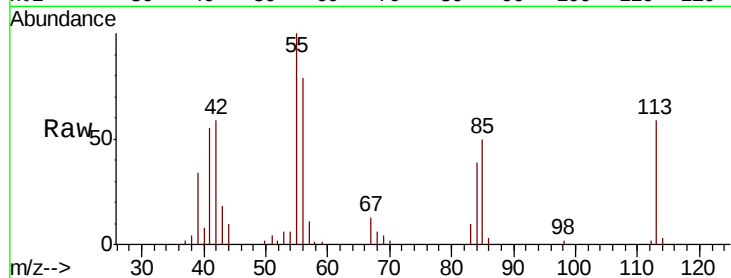




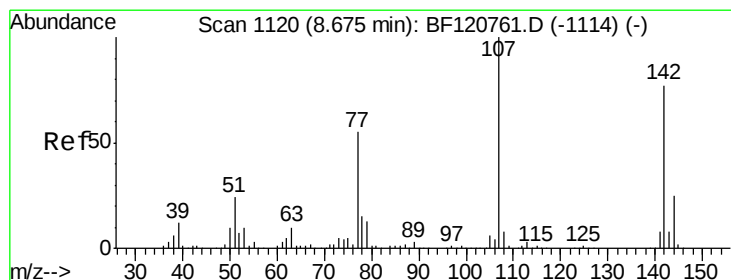
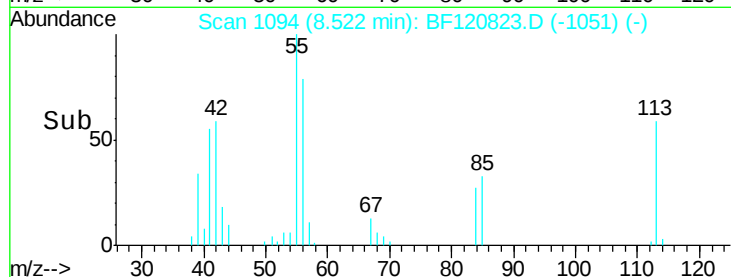
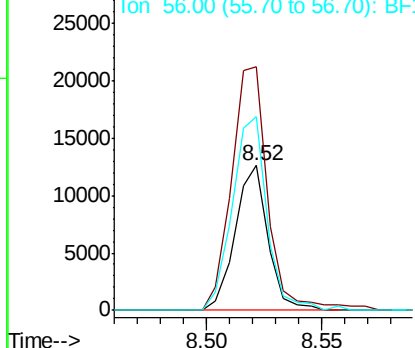
#35
 Caprolactam
 Concen: 5.528 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion:113 Resp: 12499
 Ion Ratio Lower Upper
 113 100
 55 168.4 168.3 208.3
 56 133.8 118.8 158.8

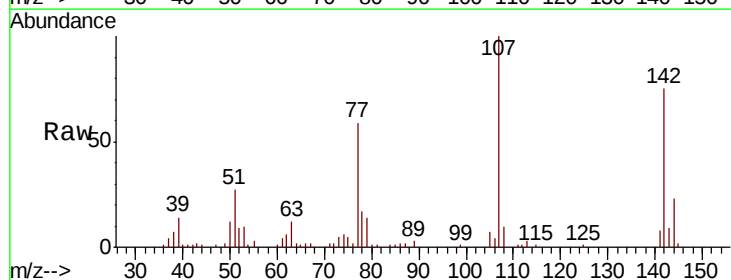


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

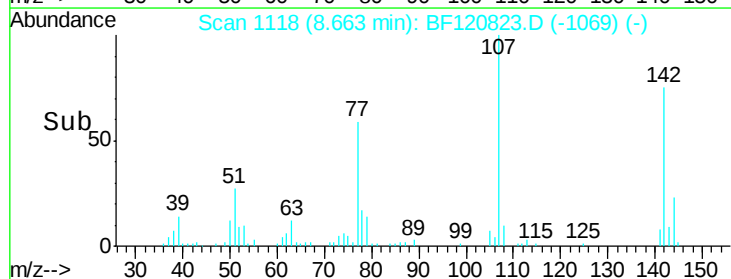
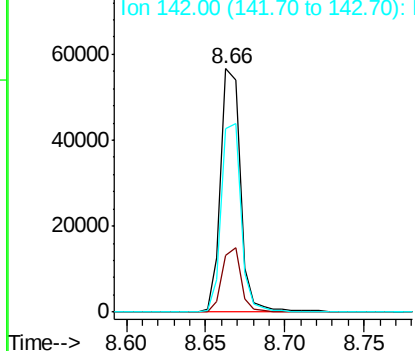


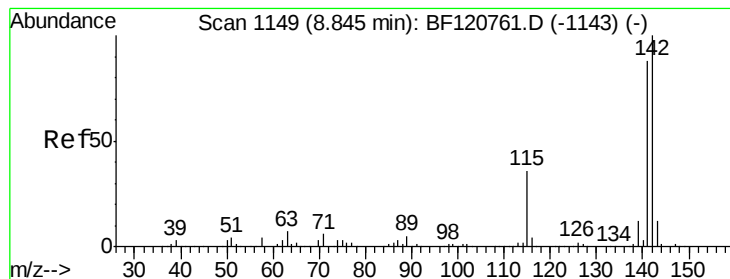
#36
 4-Chloro-3-methylphenol
 Concen: 6.146 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:107 Resp: 49603
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 75.1 61.2 91.8



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: 6.887 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

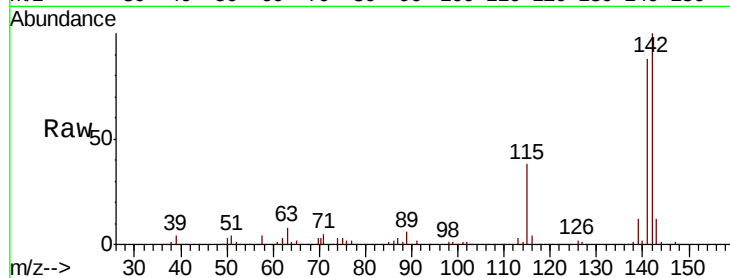
Tot Ion:142 Resp: 125149

Ion Ratio Lower Upper

142 100

141 88.2 70.2 105.4

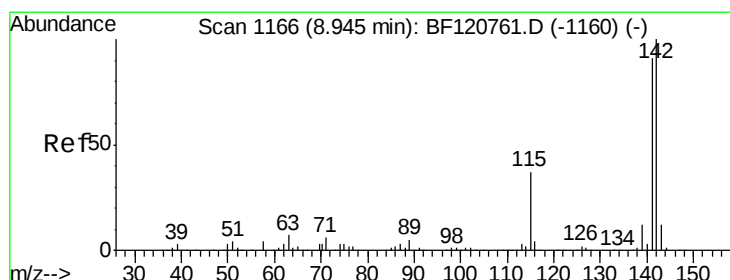
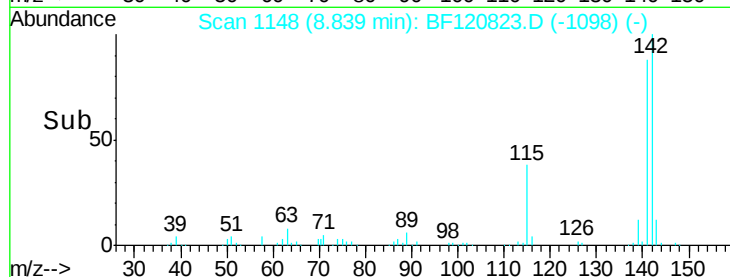
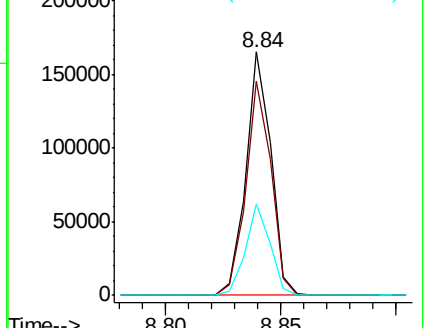
115 37.5 29.0 43.4



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: 6.963 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

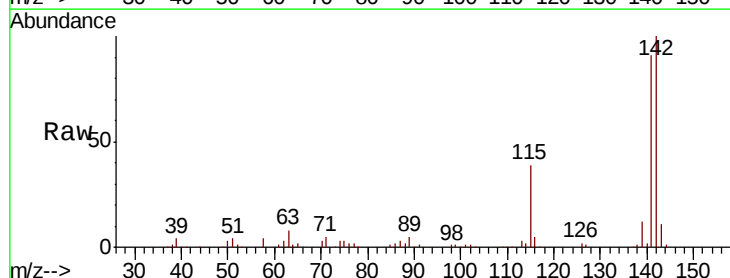
Tgt Ion:142 Resp: 118520

Ion Ratio Lower Upper

142 100

141 91.4 72.5 108.7

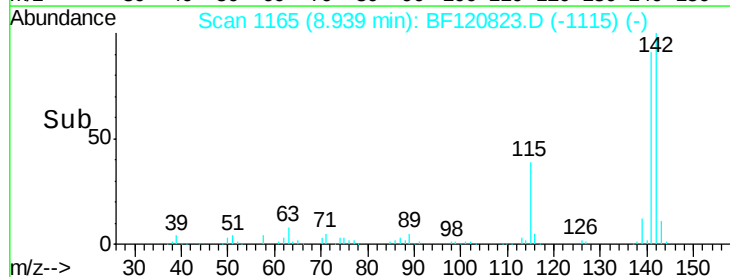
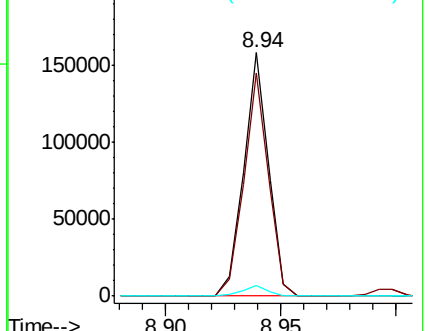
116 4.6 3.1 4.7

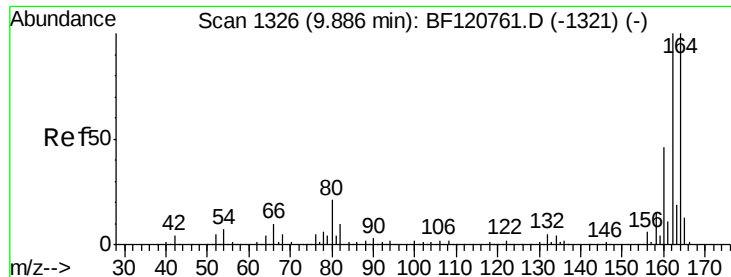


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

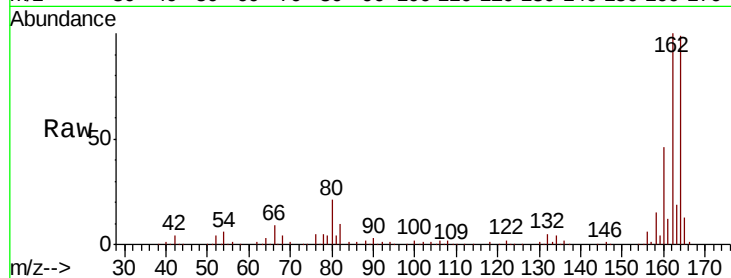
Tot Ion:164 Resp: 252121

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

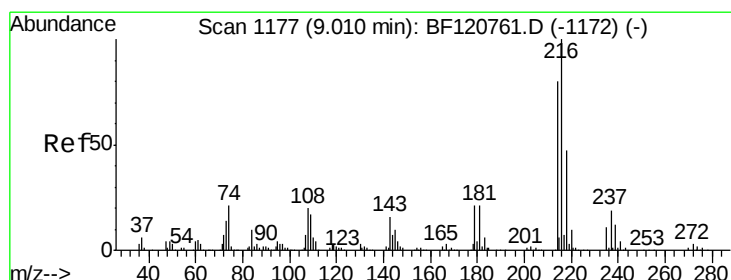
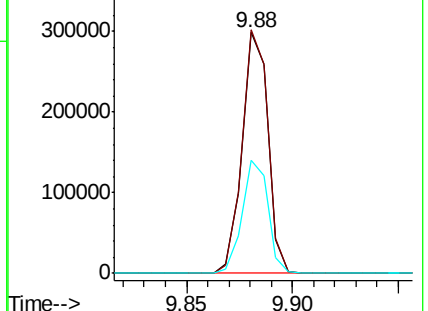
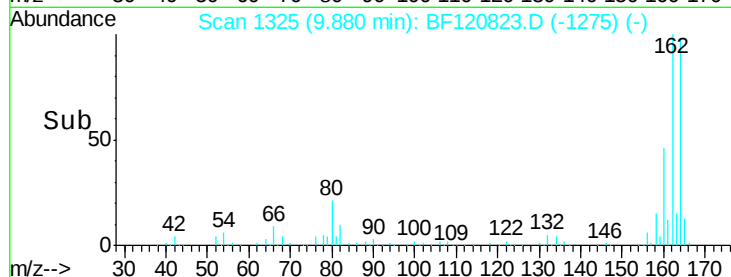
160 46.7 36.9 55.3



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: 7.301 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Tgt Ion:216 Resp: 55634

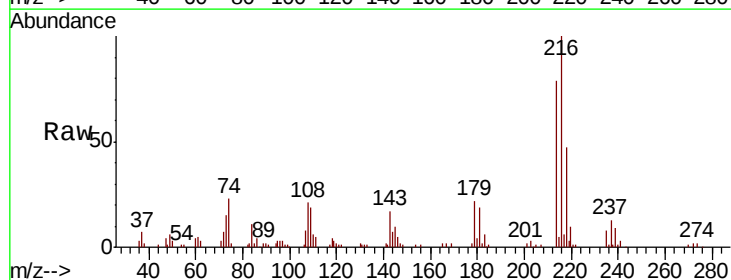
Ion Ratio Lower Upper

216 100

214 78.4 63.7 95.5

179 21.8 16.7 25.1

108 23.4 17.0 25.4

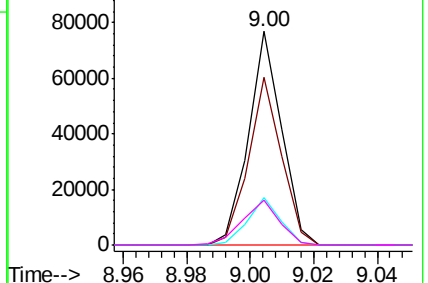
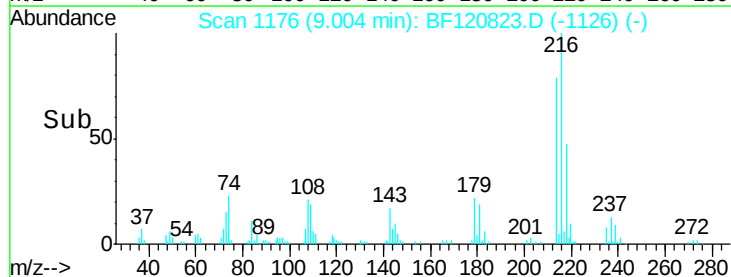


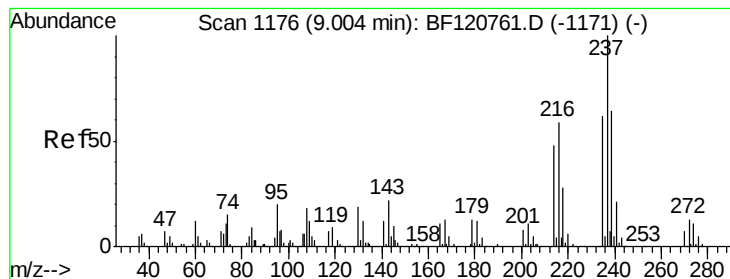
Abundance Ion 216.00 (215.70 to 216.70): E

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: 5.614 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

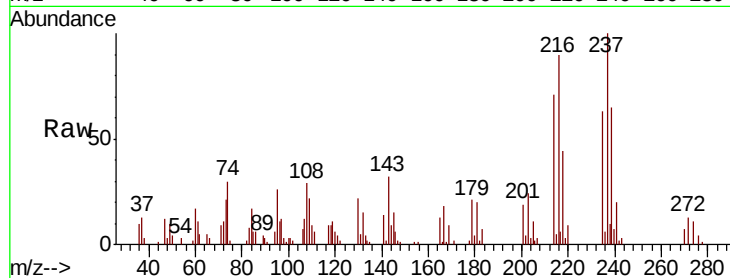
Tot Ion:237 Resp: 25273

Ion Ratio Lower Upper

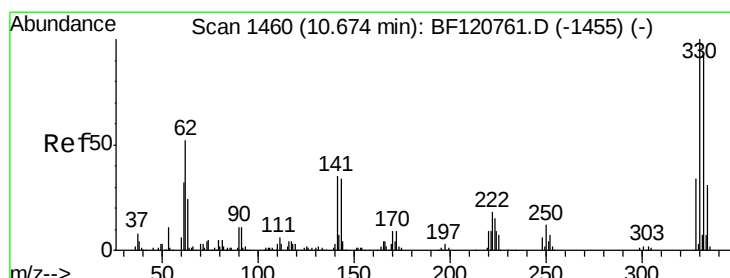
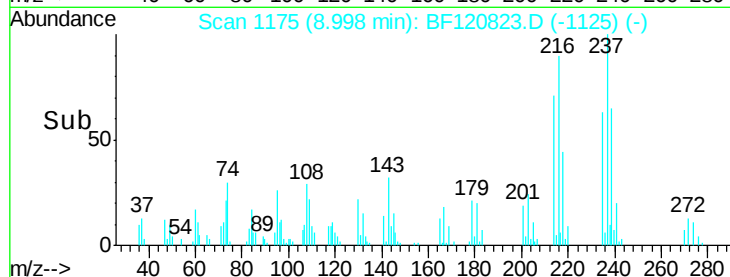
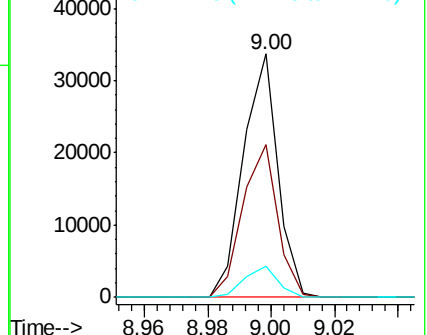
237 100

235 62.9 42.1 82.1

272 12.9 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 95.664 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

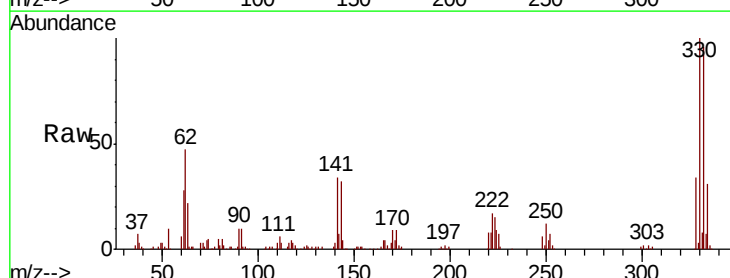
Tgt Ion:330 Resp: 242309

Ion Ratio Lower Upper

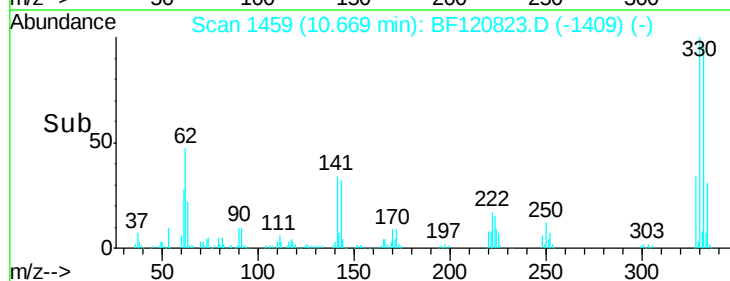
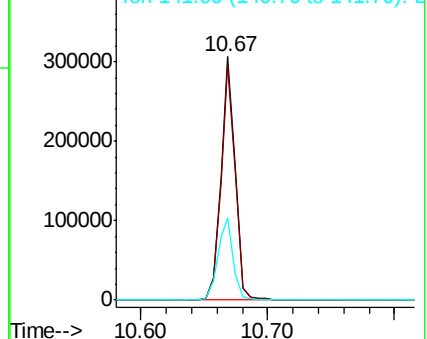
330 100

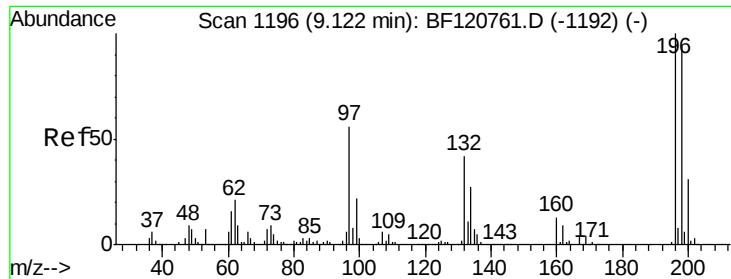
332 96.2 75.8 113.6

141 36.6 29.7 44.5



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

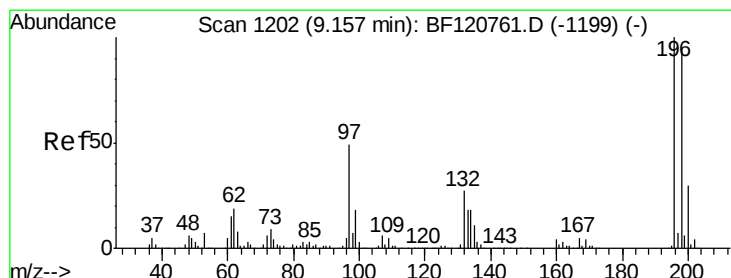
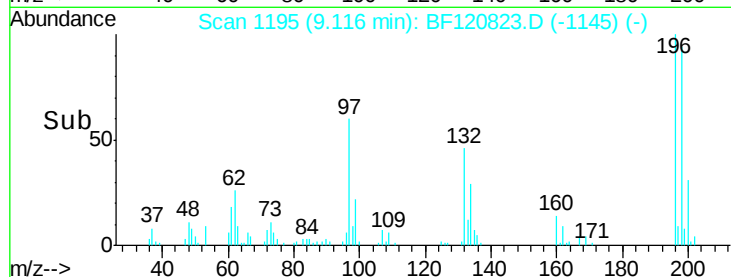
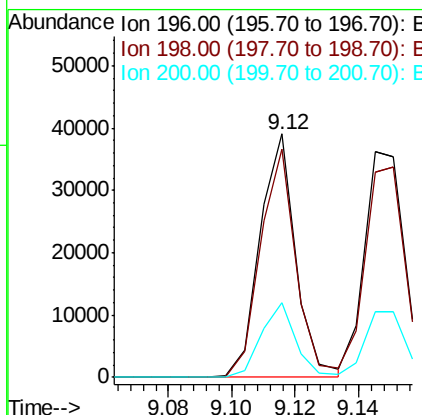
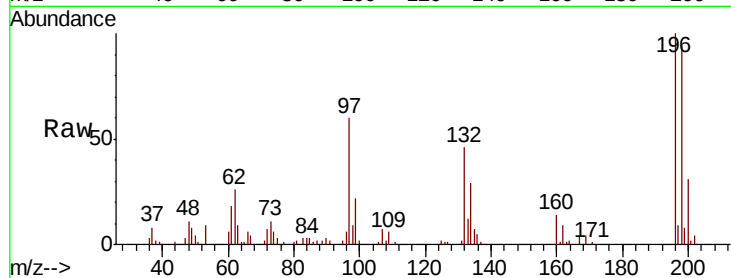




#43
 2,4,6-Trichlorophenol
 Concen: 5.913 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

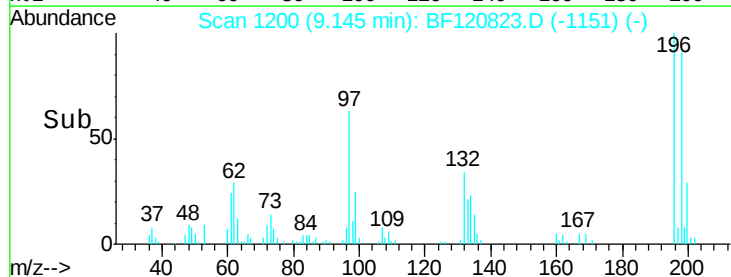
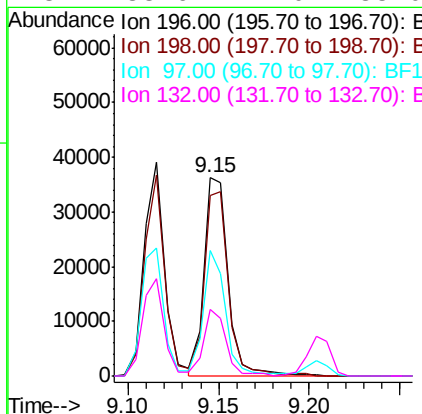
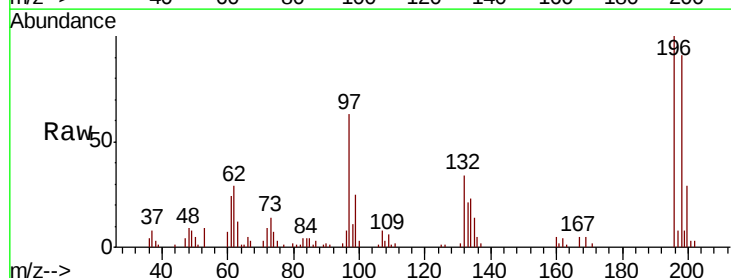
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

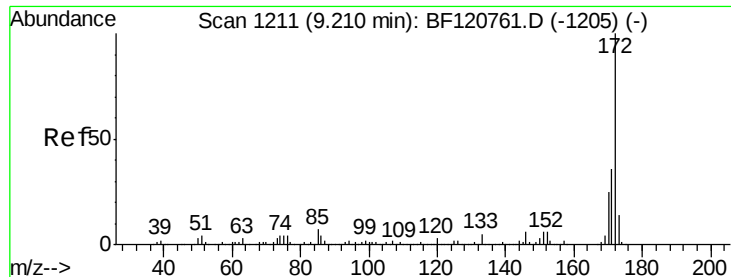
Tot Ion:196 Resp: 30700
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.3 112.9
 200 30.7 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 5.833 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:196 Resp: 33609
 Ion Ratio Lower Upper
 196 100
 198 90.9 76.2 114.2
 97 63.2 39.6 59.4#
 132 33.6 22.0 33.0#

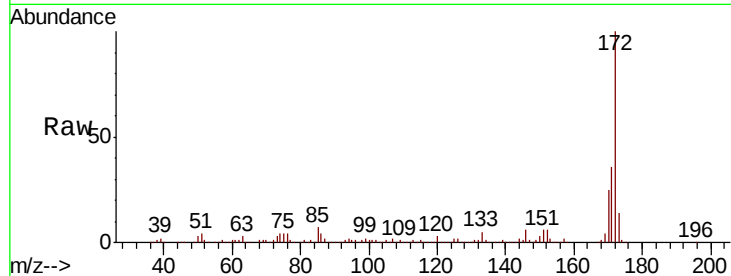




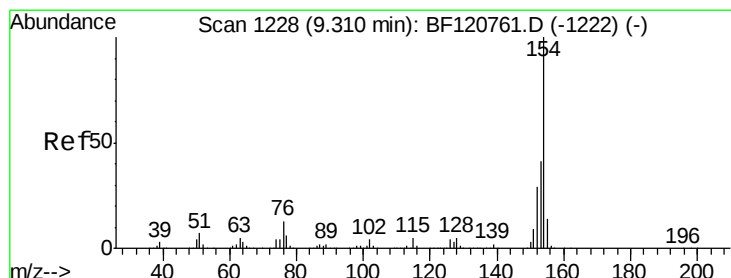
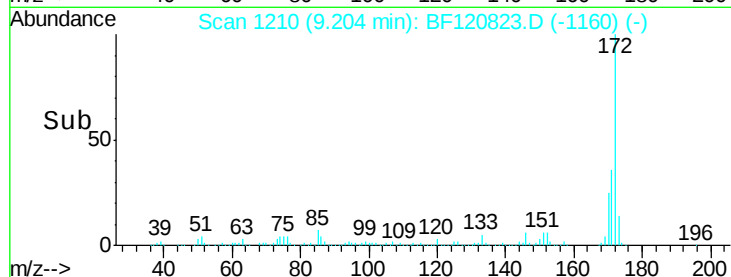
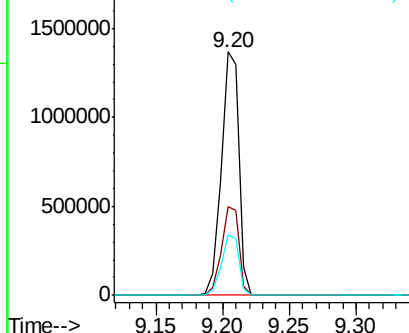
#45
2-Fluorobiphenyl
Concen: 76.584 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:172 Resp: 1276210
Ion Ratio Lower Upper
172 100
171 36.4 29.1 43.7
170 24.8 19.8 29.6

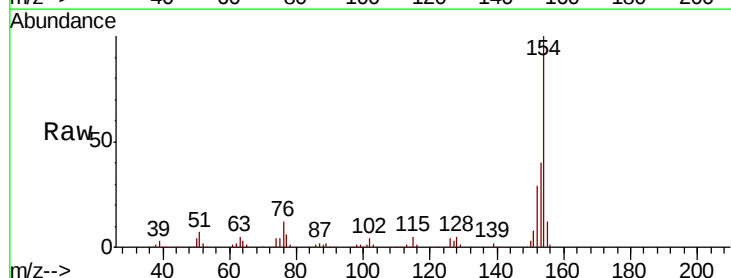


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

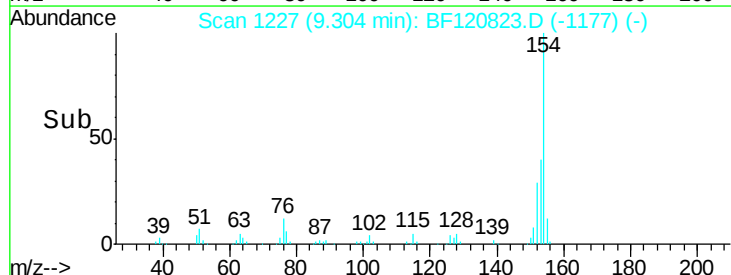
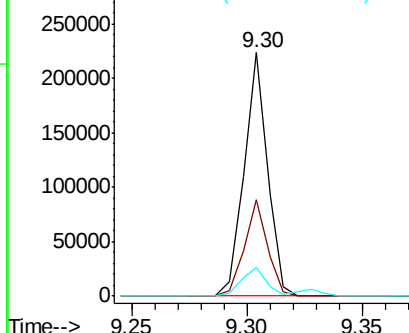


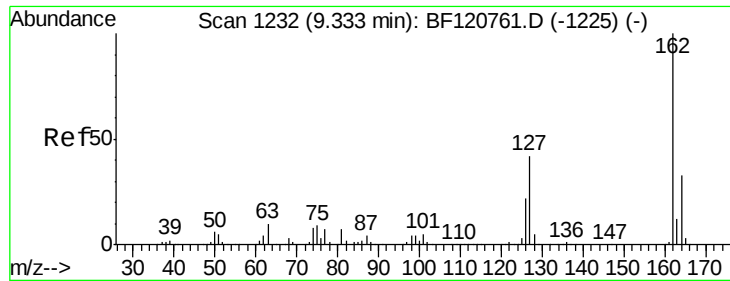
#46
1,1'-Biphenyl
Concen: 7.782 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:154 Resp: 158268
Ion Ratio Lower Upper
154 100
153 39.8 20.7 60.7
76 12.0 0.0 33.3



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

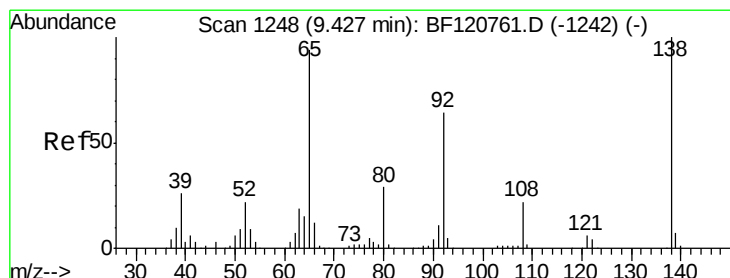
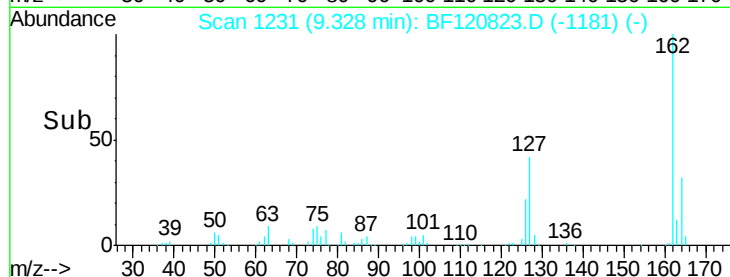
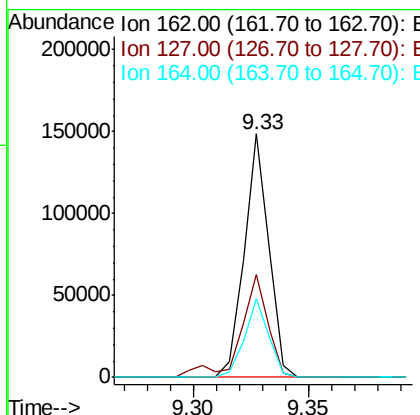
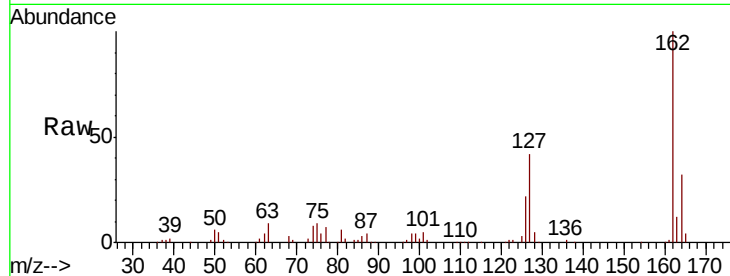




#47
 2-Chloronaphthalene
 Concen: 6.747 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

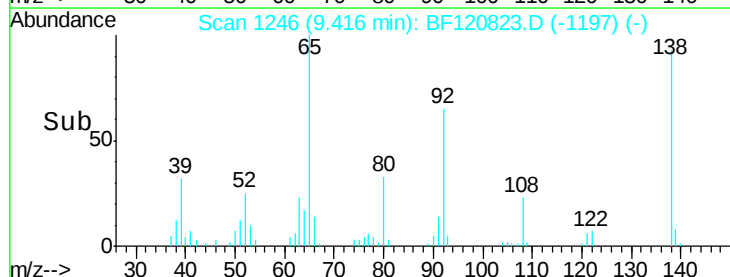
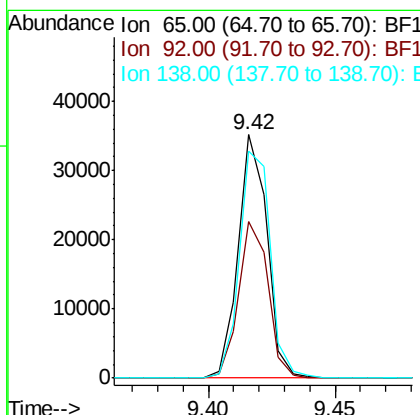
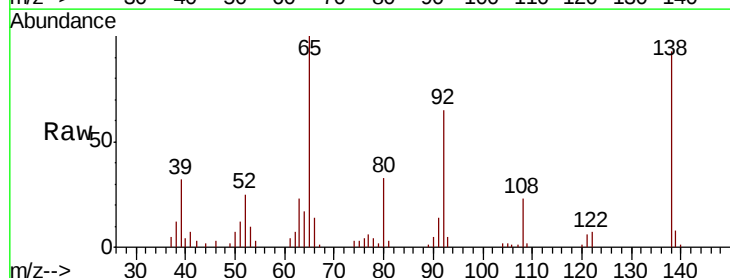
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

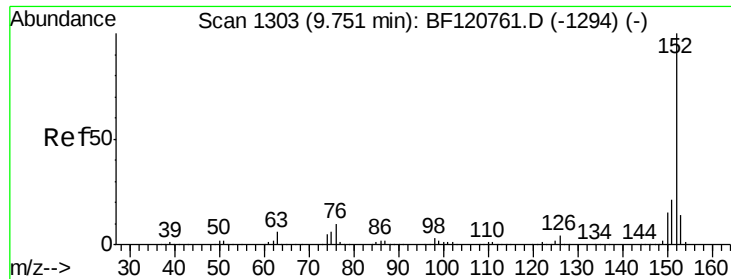
Tot Ion:162 Resp: 109932
 Ion Ratio Lower Upper
 162 100
 127 42.4 33.7 50.5
 164 32.4 26.4 39.6



#48
 2-Nitroaniline
 Concen: 6.380 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion: 65 Resp: 27811
 Ion Ratio Lower Upper
 65 100
 92 64.5 54.4 81.6
 138 93.1 84.7 127.1





#49

Acenaphthylene

Concen: 6.829 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

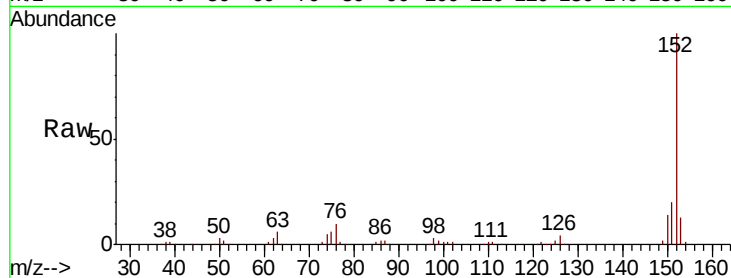
Tot Ion:152 Resp: 174435

Ion Ratio Lower Upper

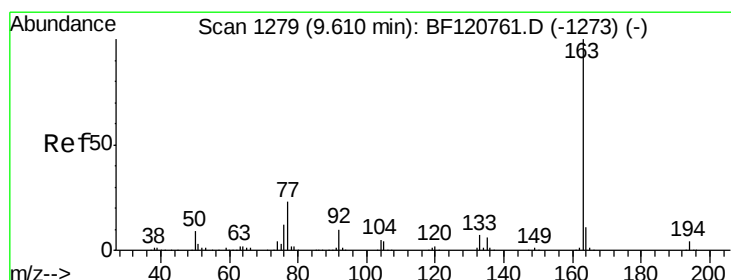
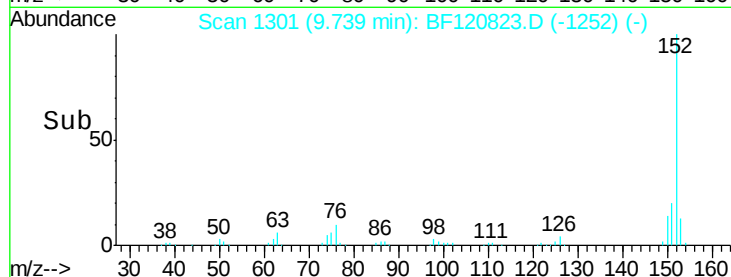
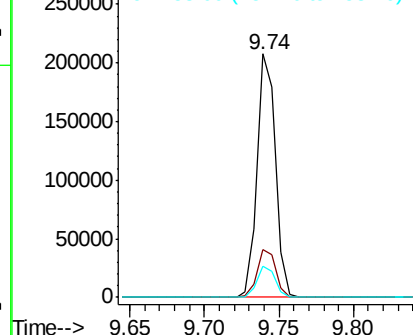
152 100

151 19.8 16.9 25.3

153 13.0 10.8 16.2



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: 6.465 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

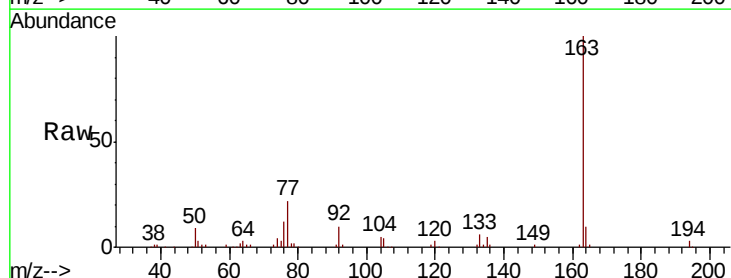
Tgt Ion:163 Resp: 118900

Ion Ratio Lower Upper

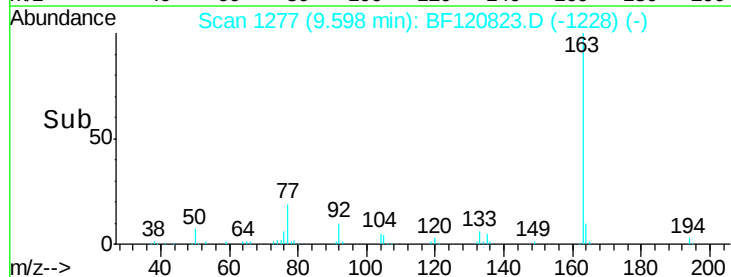
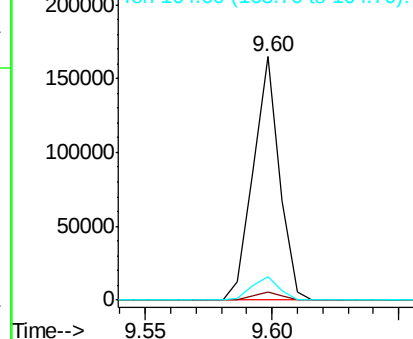
163 100

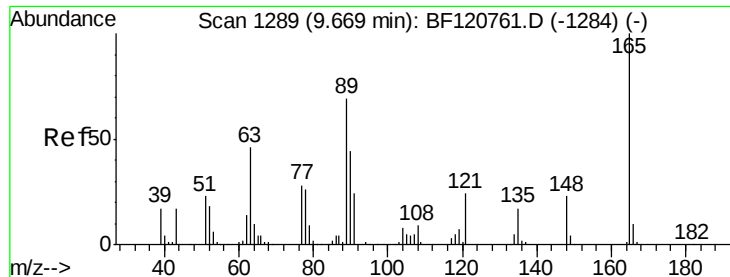
194 3.4 2.9 4.3

164 9.8 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

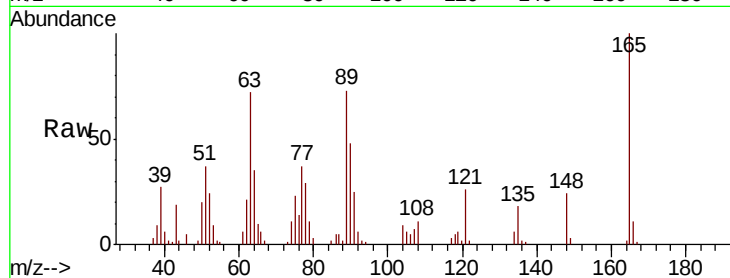




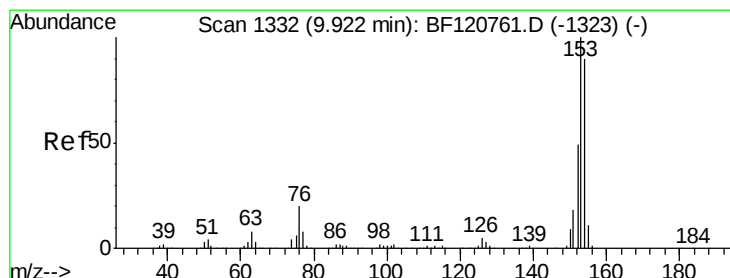
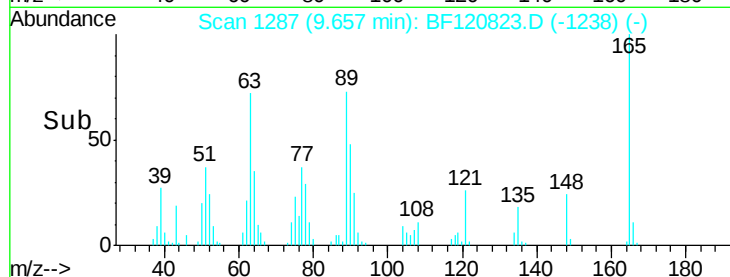
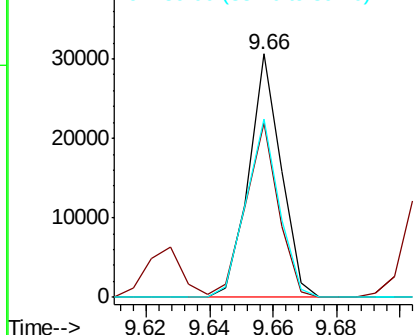
#51
2,6-Dinitrotoluene
Concen: 6.494 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:165 Resp: 21578
Ion Ratio Lower Upper
165 100
63 71.6 54.0 81.0
89 73.4 55.4 83.2

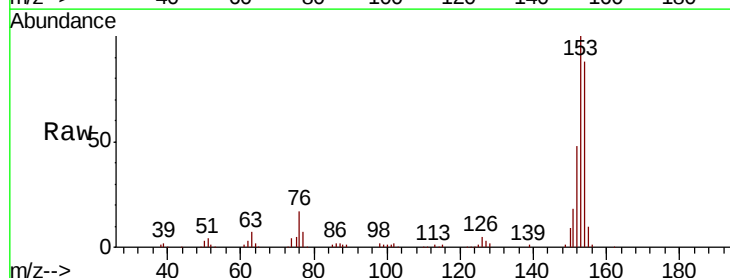


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

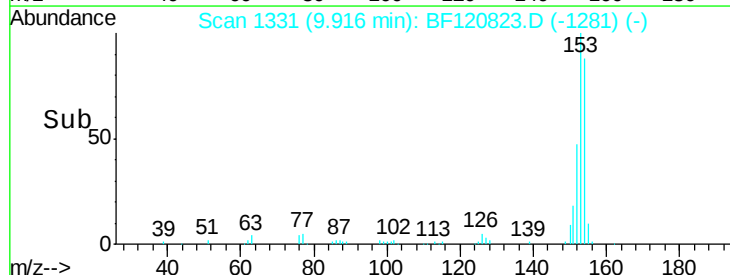
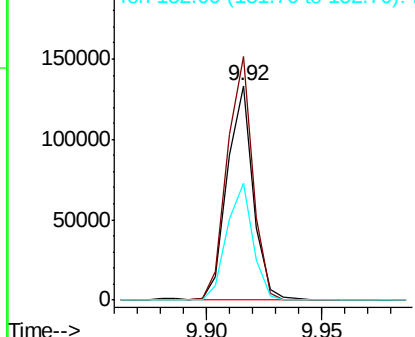


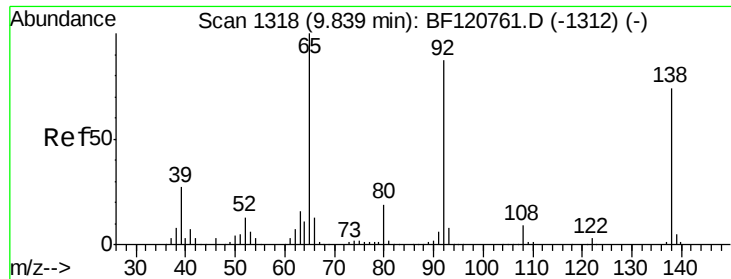
#52
Acenaphthene
Concen: 6.529 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:154 Resp: 103461
Ion Ratio Lower Upper
154 100
153 113.5 88.6 132.8
152 54.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

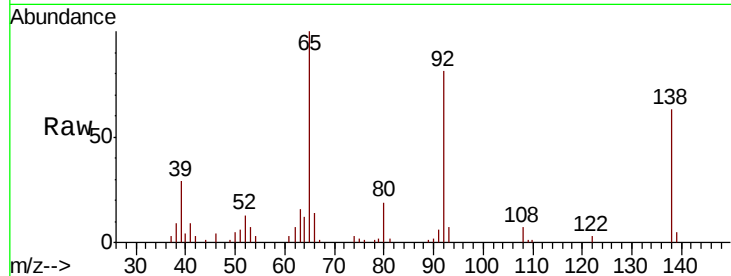




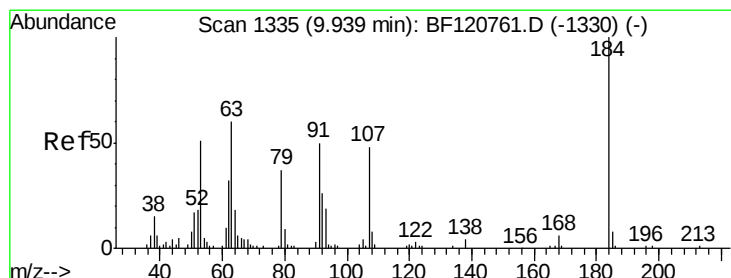
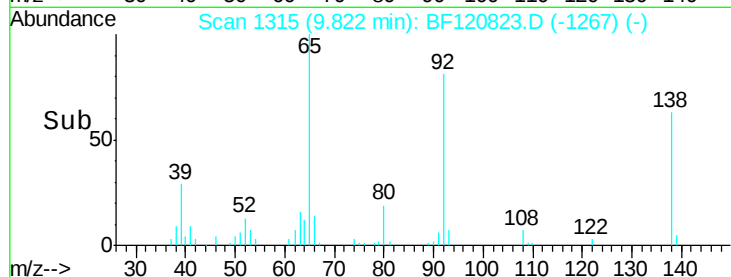
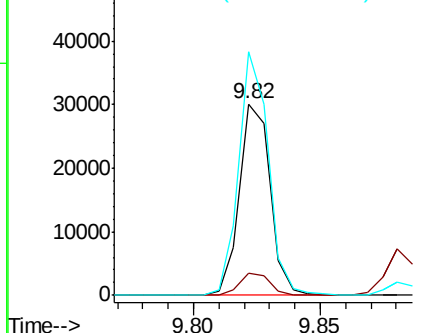
#53
3-Nitroaniline
Concen: 6.189 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:138 Resp: 25405
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 127.3 93.4 140.2

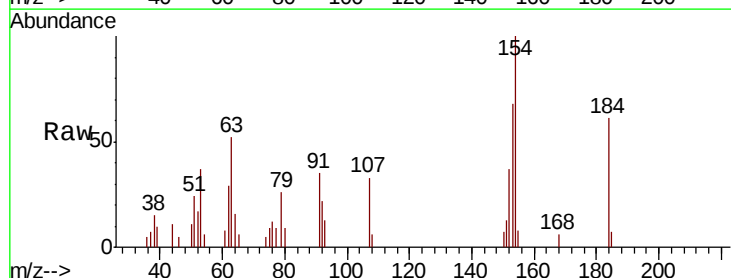


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

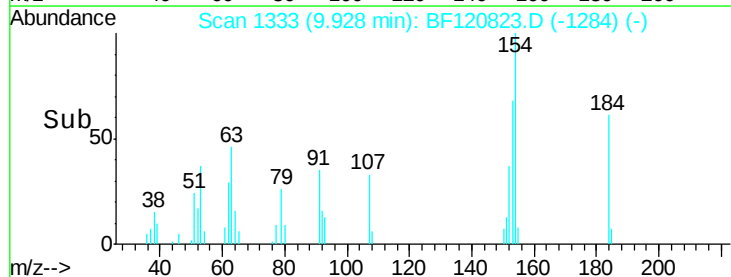
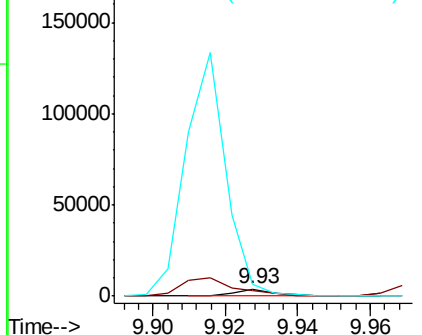


#54
2,4-Dinitrophenol
Concen: 2.727 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:184 Resp: 2992
Ion Ratio Lower Upper
184 100
63 85.2 57.3 85.9
154 164.2 55.8 83.6#



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

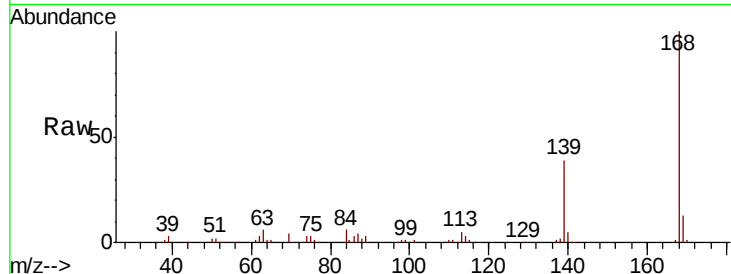




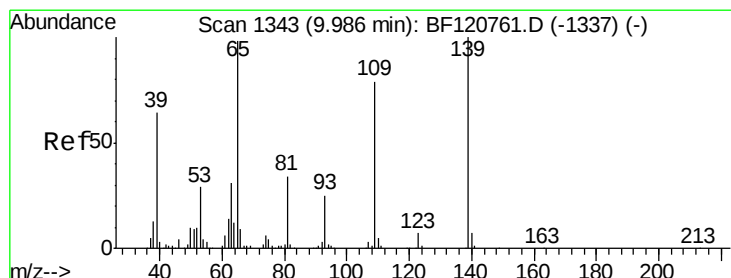
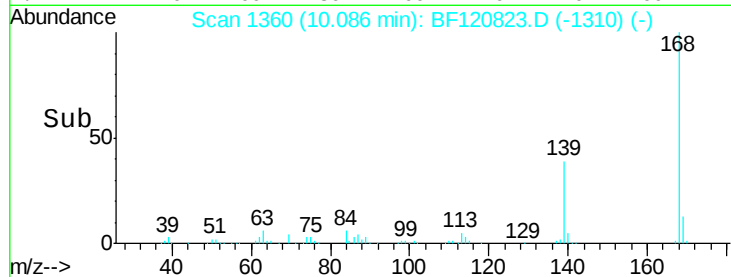
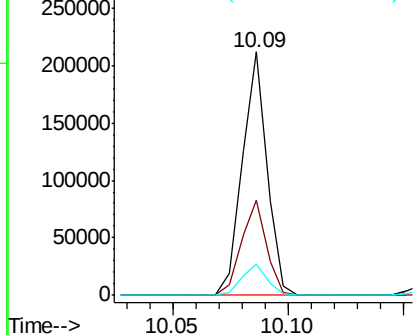
#55
Dibenzenofuran
Concen: 6.951 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:168 Resp: 158777
Ion Ratio Lower Upper
168 100
139 39.0 31.3 46.9
169 13.0 11.2 16.8

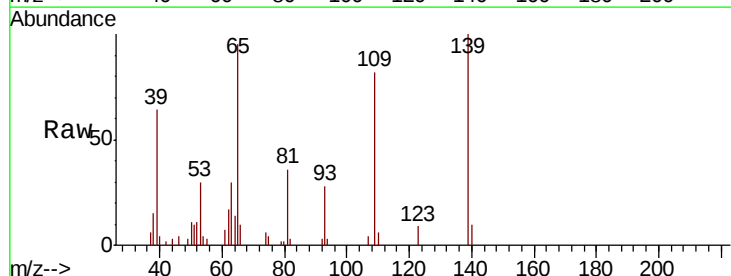


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

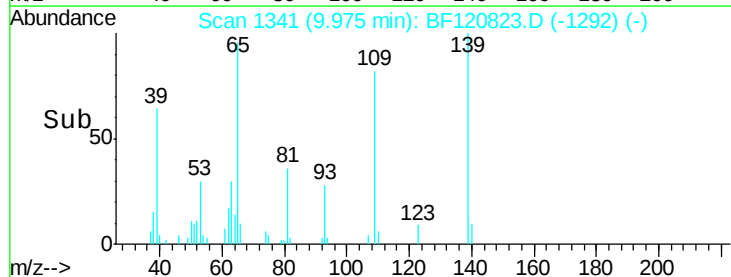
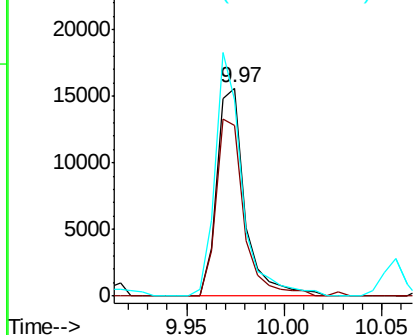


#56
4-Nitrophenol
Concen: 5.187 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:139 Resp: 15639
Ion Ratio Lower Upper
139 100
109 82.2 58.6 98.6
65 94.6 78.7 118.7



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





#57

2,4-Dinitrotoluene

Concen: 6.292 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:165 Resp: 25098

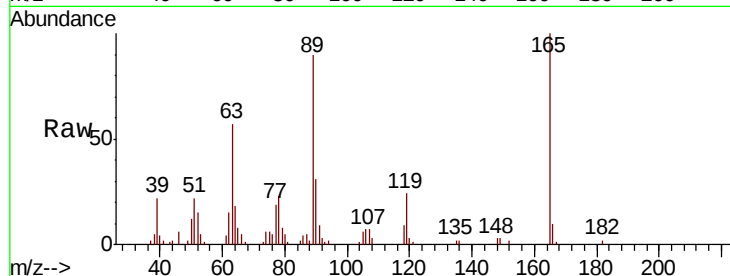
Ion Ratio Lower Upper

165 100

63 57.3 43.8 65.8

89 90.2 71.4 107.2

182 2.0 1.8 2.6

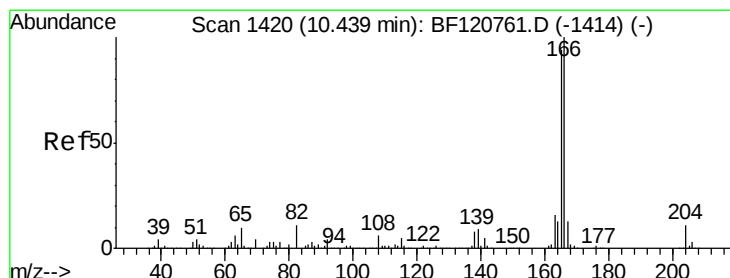
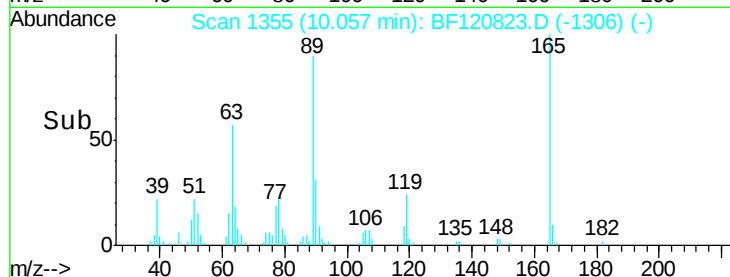
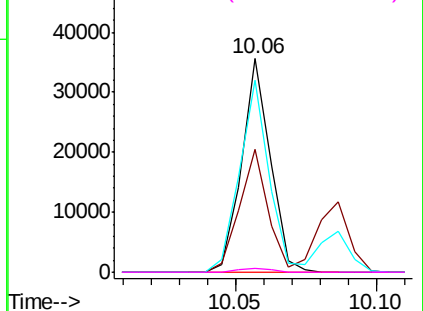


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 6.958 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

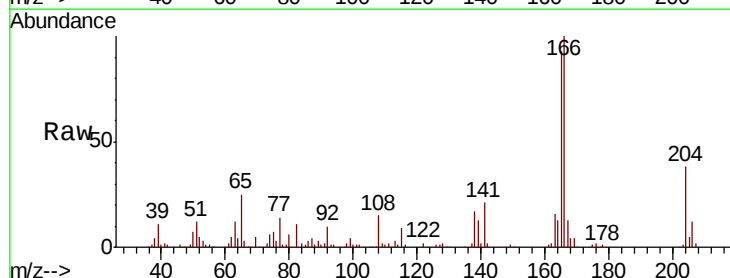
Tgt Ion:166 Resp: 118300

Ion Ratio Lower Upper

166 100

165 93.5 75.5 113.3

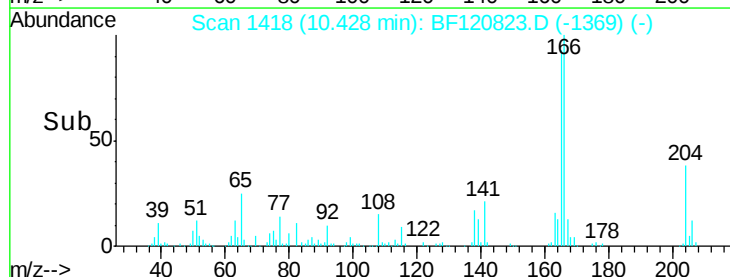
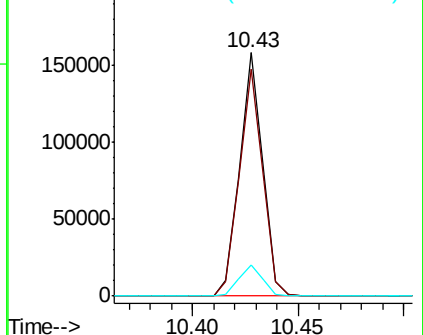
167 12.9 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

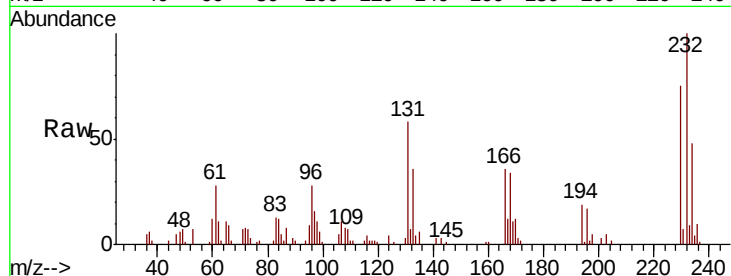




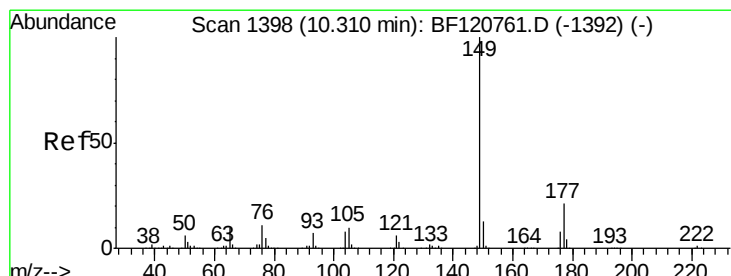
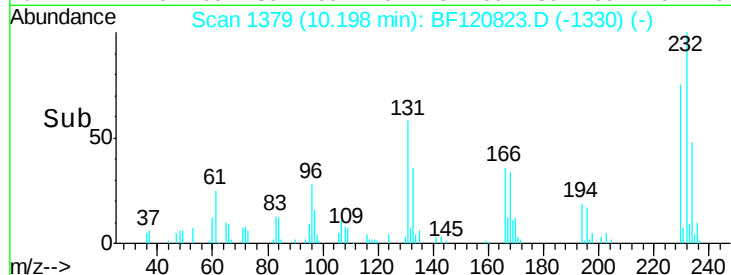
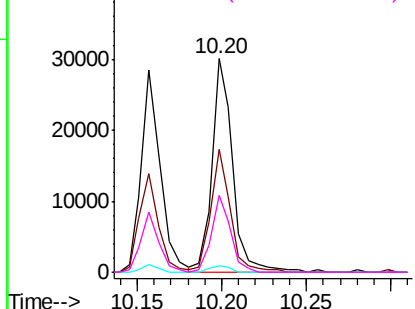
#59
2,3,4,6-Tetrachlorophenol
Concen: 6.073 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:232 Resp: 26041
Ion Ratio Lower Upper
232 100
131 54.2 36.3 54.5
130 2.9 2.0 3.0
166 32.6 20.9 31.3#

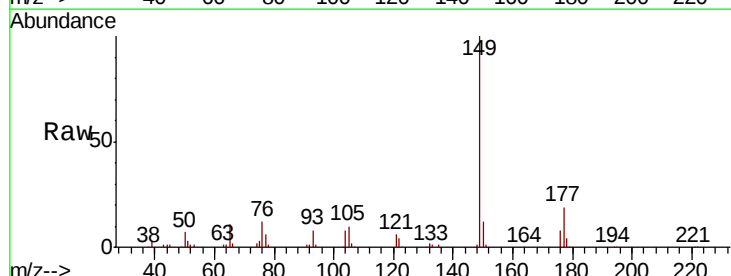


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

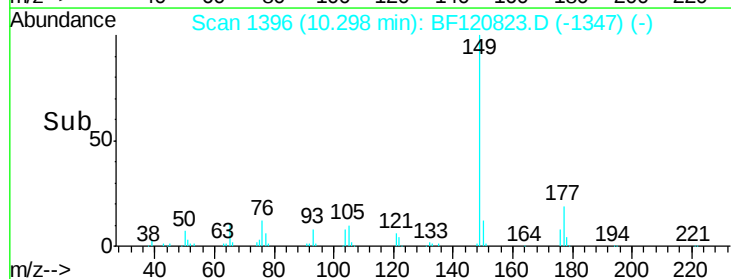
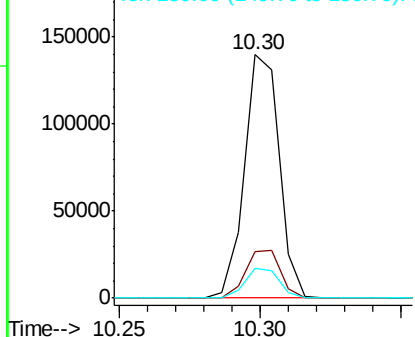


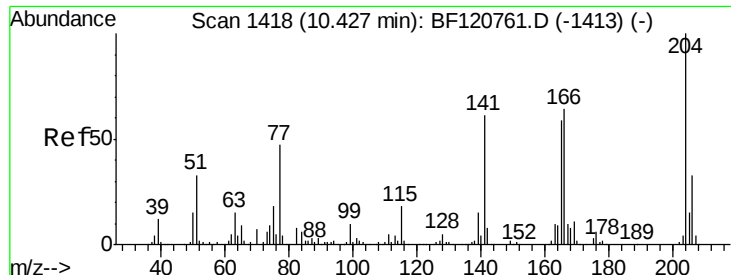
#60
Diethylphthalate
Concen: 6.219 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:149 Resp: 119153
Ion Ratio Lower Upper
149 100
177 19.2 16.4 24.6
150 12.4 10.2 15.4



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

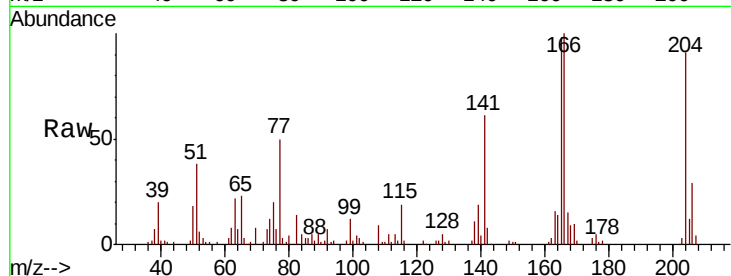




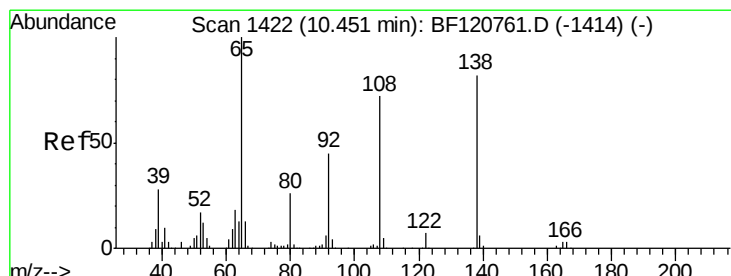
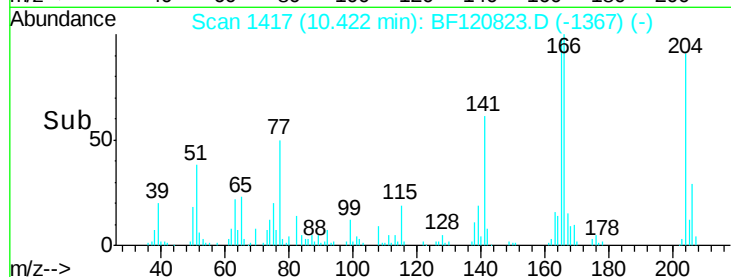
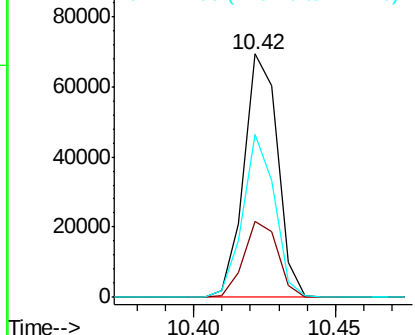
#61
4-Chlorophenyl-phenylether
Concen: 6.732 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:204 Resp: 57536
Ion Ratio Lower Upper
204 100
206 31.4 26.7 40.1
141 67.0 48.5 72.7

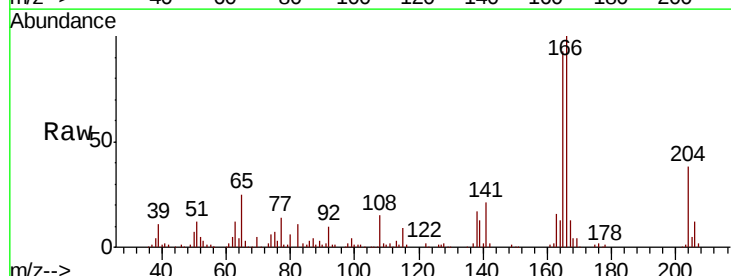


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

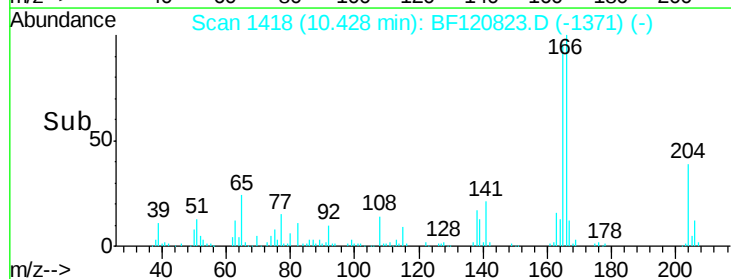
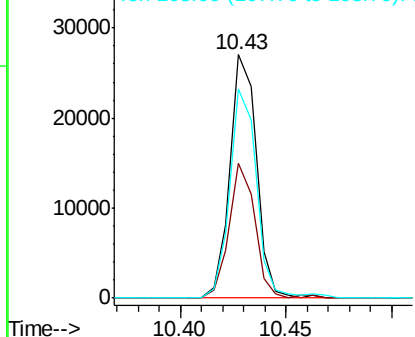


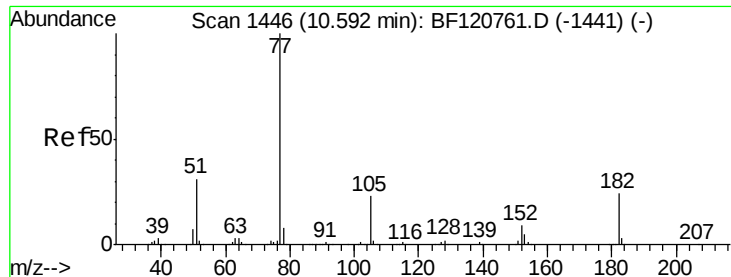
#62
4-Nitroaniline
Concen: 5.999 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.02 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:138 Resp: 23444
Ion Ratio Lower Upper
138 100
92 55.6 34.3 74.3
108 86.0 68.3 108.3



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: 6.658 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion: 77 Resp: 130481

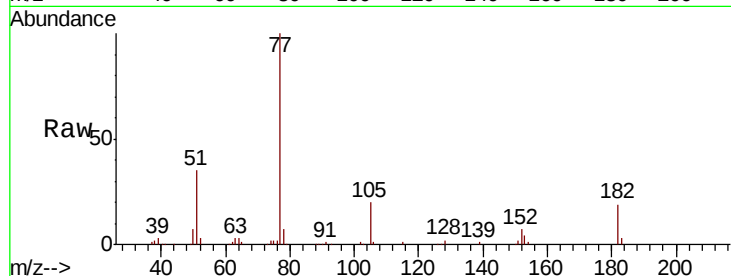
Ion Ratio Lower Upper

77 100

182 18.6 4.0 44.0

105 20.4 2.6 42.6

51 34.6 11.5 51.5

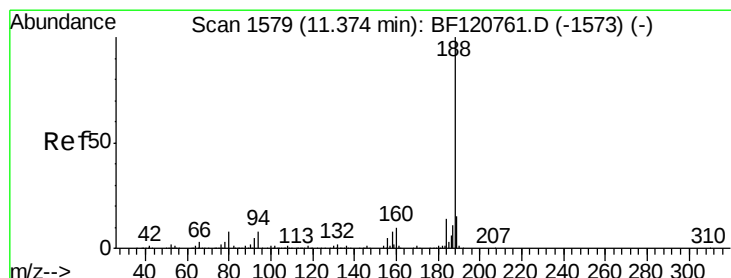
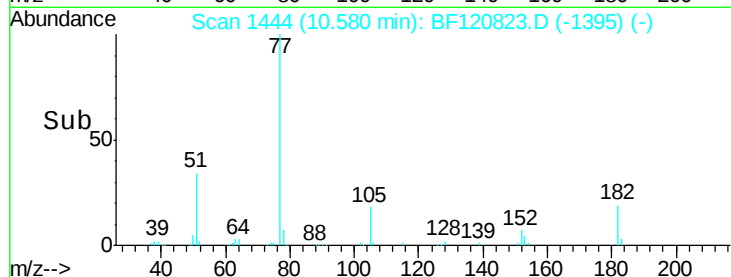
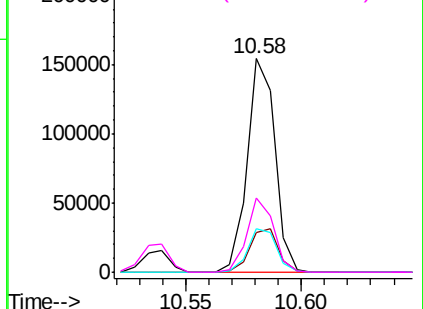


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

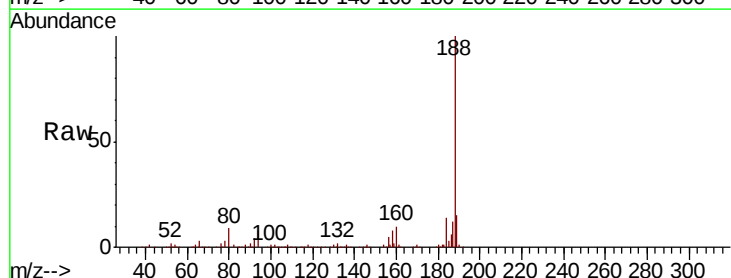
Tgt Ion: 188 Resp: 434556

Ion Ratio Lower Upper

188 100

94 8.2 6.6 9.8

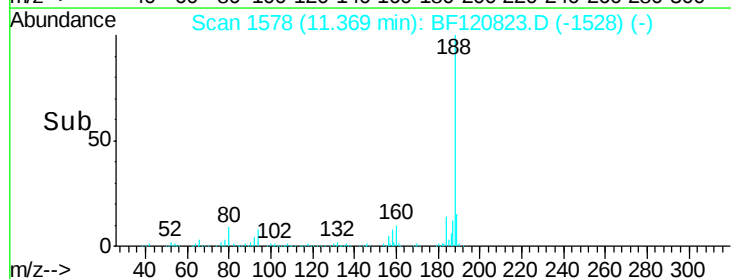
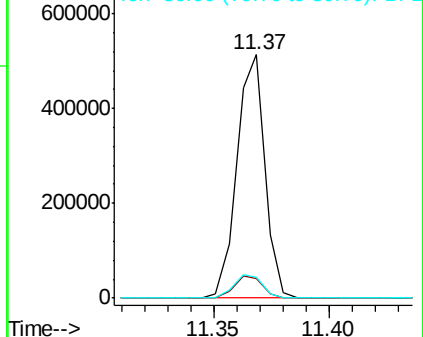
80 8.6 6.6 10.0



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

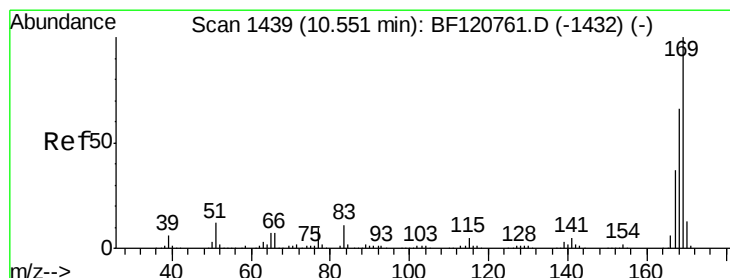
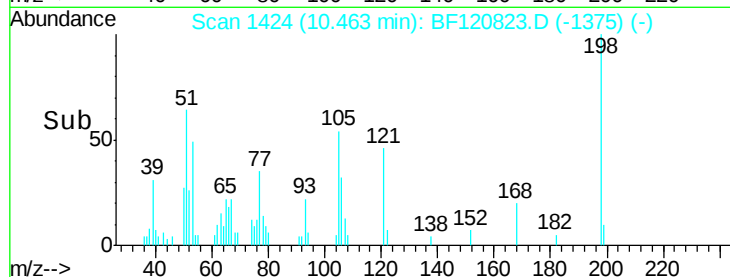
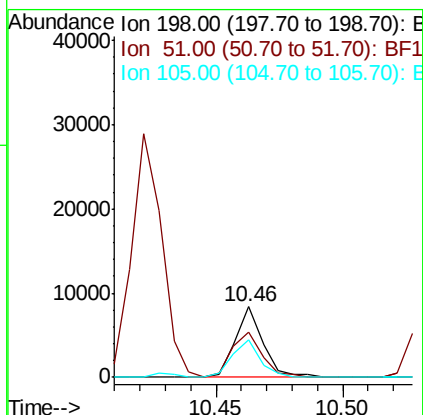
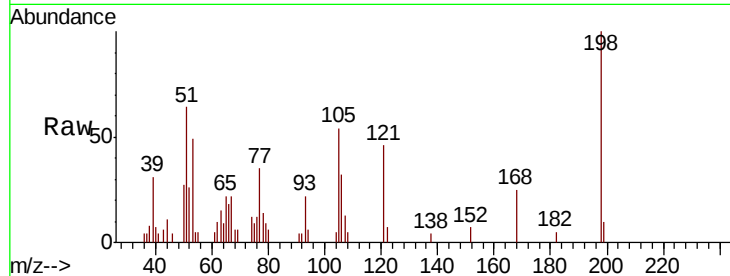




#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.549 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

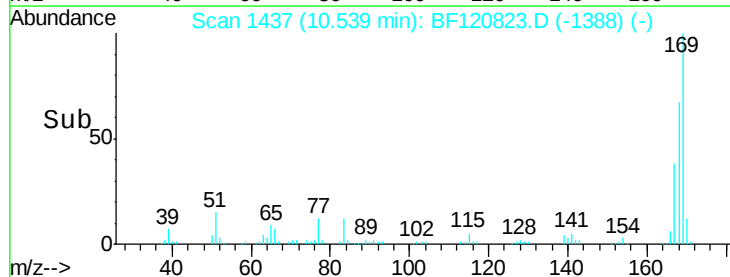
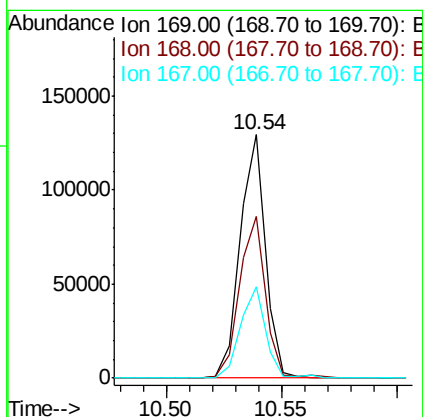
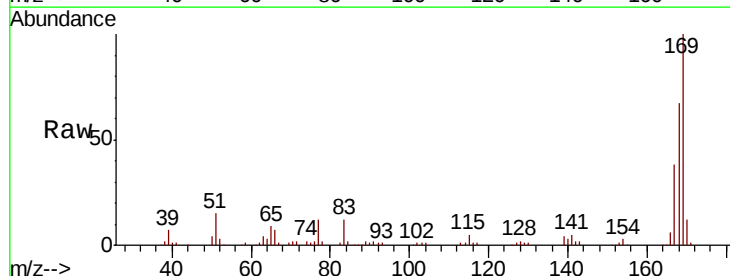
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

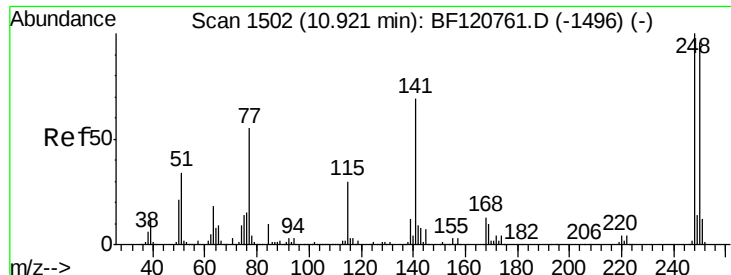
Tot Ion:198 Resp: 6351
 Ion Ratio Lower Upper
 198 100
 51 64.0 50.0 90.0
 105 54.1 38.3 78.3



#66
 n-Nitrosodiphenylamine
 Concen: 6.806 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:169 Resp: 99138
 Ion Ratio Lower Upper
 169 100
 168 66.7 53.1 79.7
 167 37.7 29.6 44.4

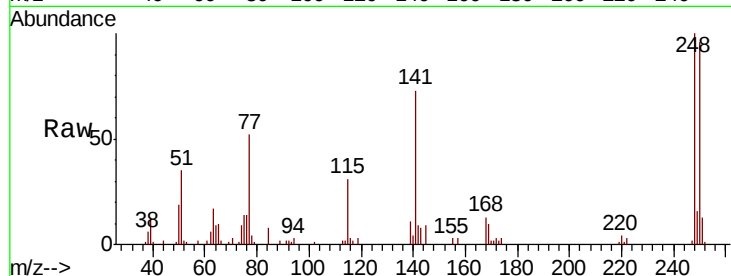




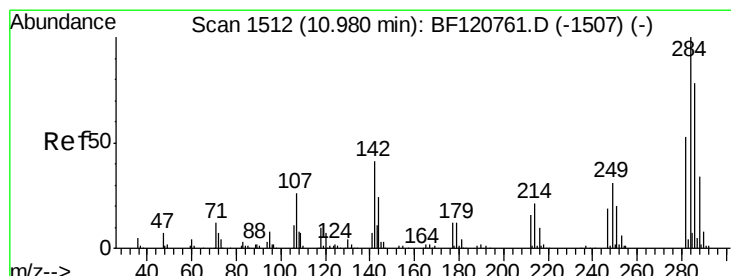
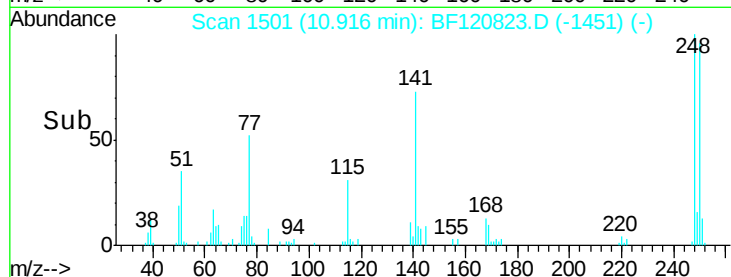
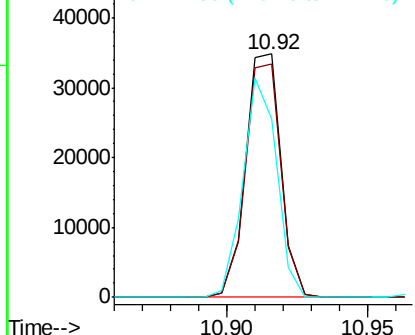
#67
 4-Bromophenyl-phenylether
 Concen: 5.991 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion:248 Resp: 30199
 Ion Ratio Lower Upper
 248 100
 250 96.1 76.5 114.7
 141 73.1 54.9 82.3

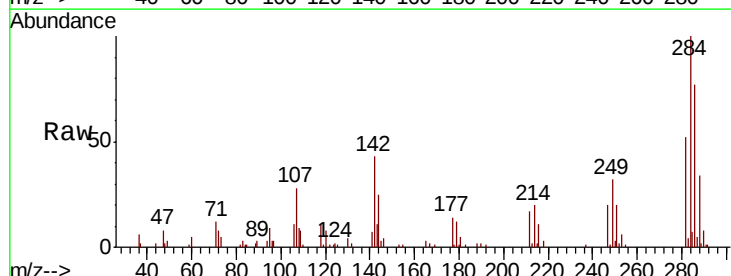


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

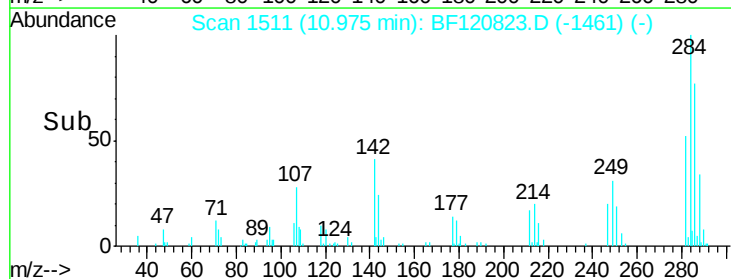
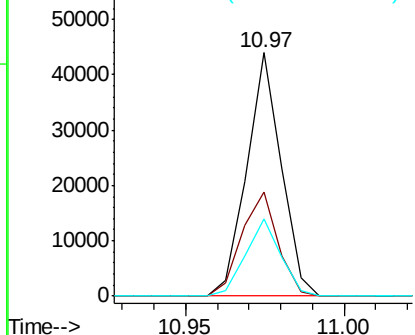


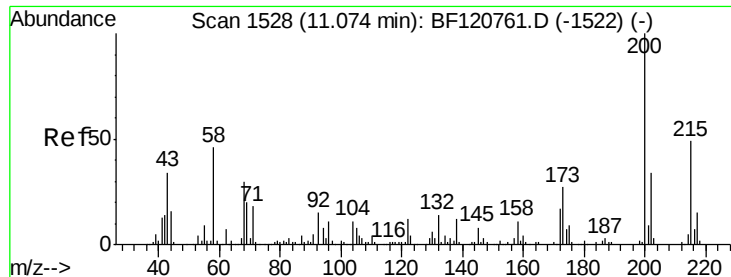
#68
 Hexachlorobenzene
 Concen: 6.268 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:284 Resp: 33154
 Ion Ratio Lower Upper
 284 100
 142 42.6 32.5 48.7
 249 31.8 24.8 37.2



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

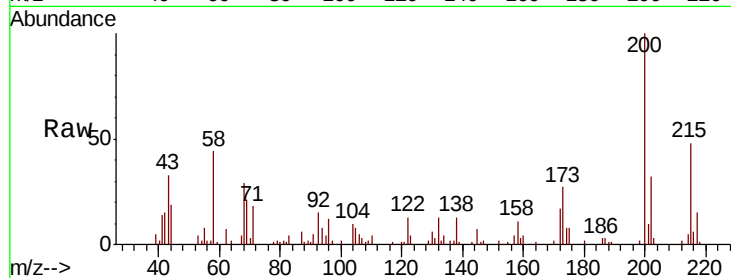




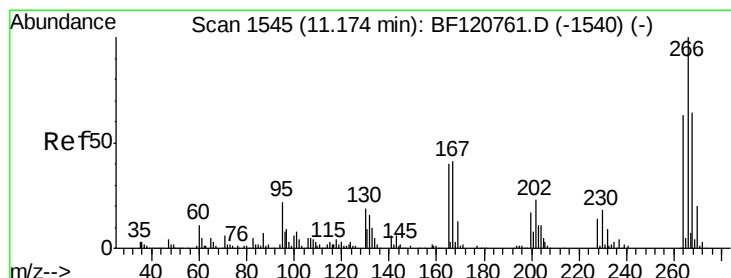
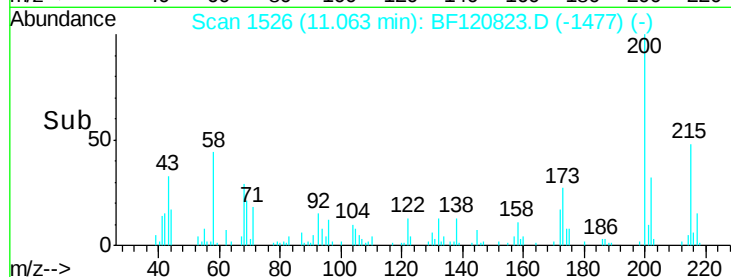
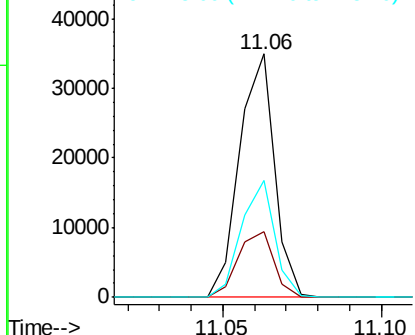
#69
Atrazine
Concen: 7.118 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:200 Resp: 26709
Ion Ratio Lower Upper
200 100
173 26.9 7.4 47.4
215 47.8 28.8 68.8

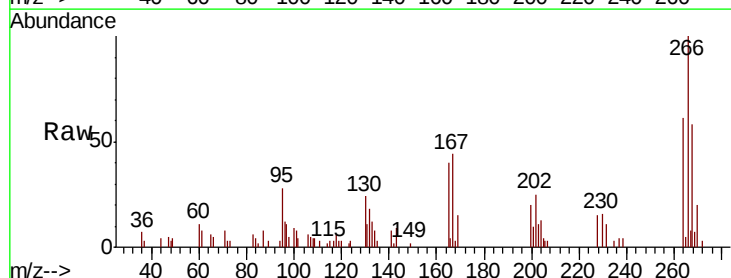


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

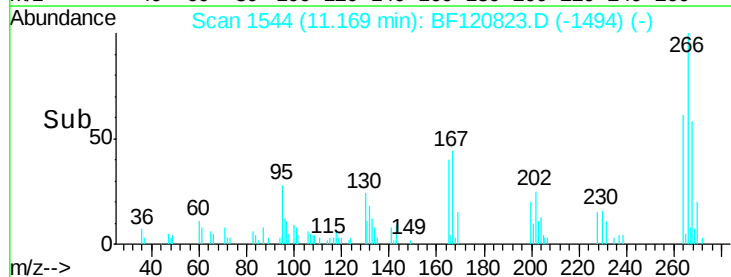
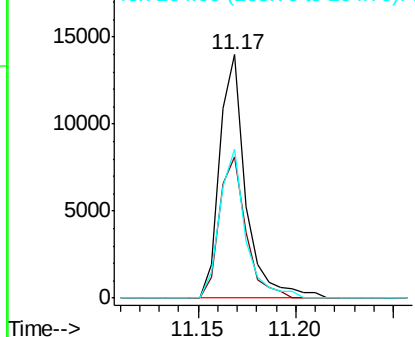


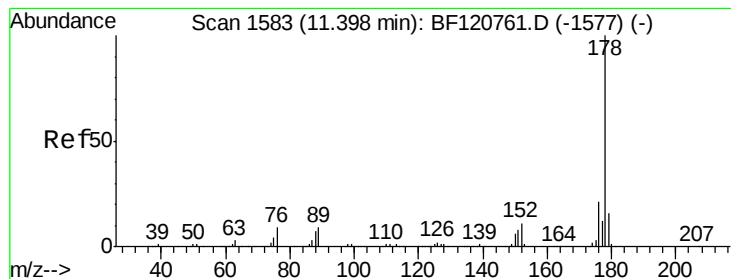
#70
Pentachlorophenol
Concen: 4.324 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:266 Resp: 12942
Ion Ratio Lower Upper
266 100
268 64.8 51.4 77.2
264 60.9 50.6 75.8



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: 6.826 ng

RT: 11.39 min Scan# 1581

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

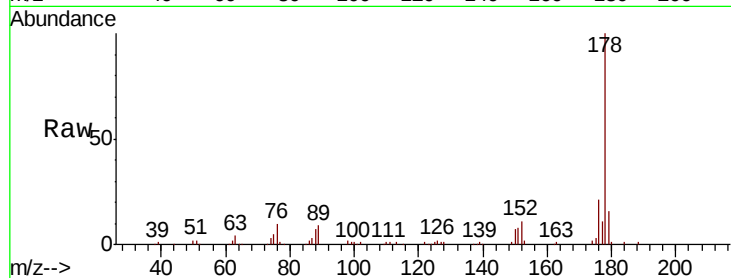
Tot Ion:178 Resp: 160940

Ion Ratio Lower Upper

178 100

176 21.3 16.4 24.6

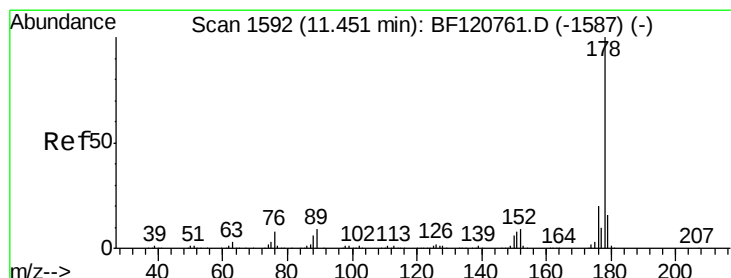
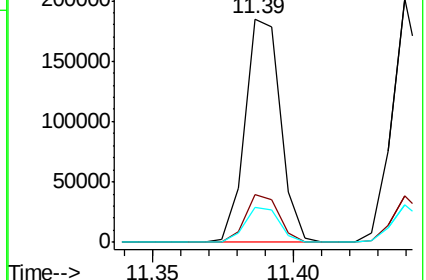
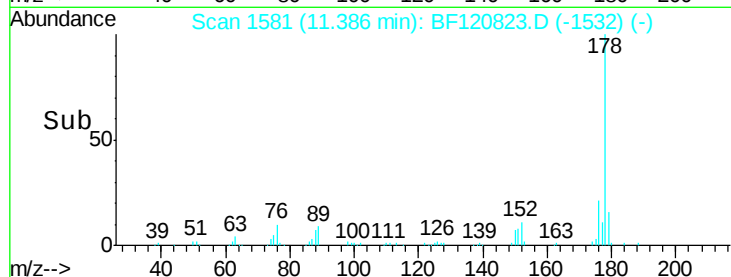
179 15.8 12.9 19.3



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



#72

Anthracene

Concen: 6.815 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

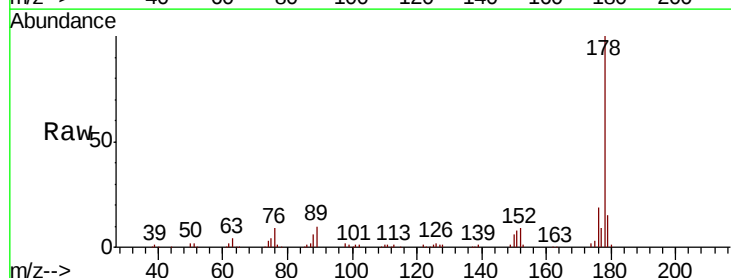
Tgt Ion:178 Resp: 162381

Ion Ratio Lower Upper

178 100

176 19.1 16.2 24.2

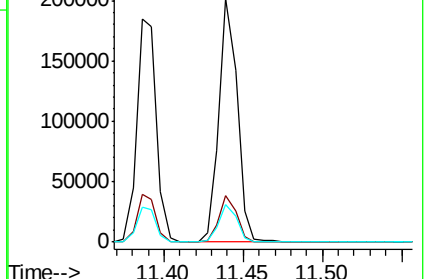
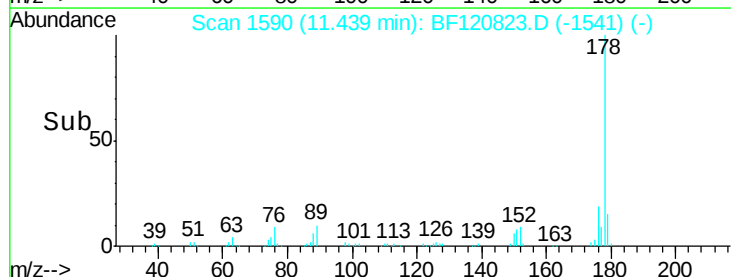
179 15.3 12.7 19.1



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

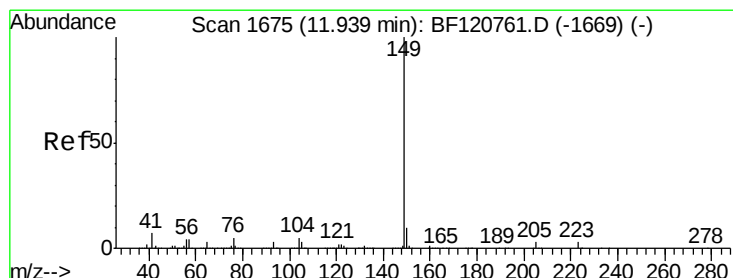
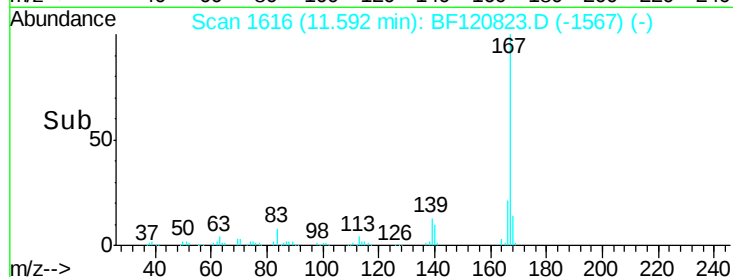
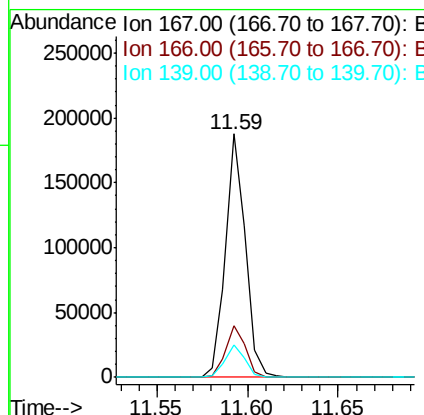
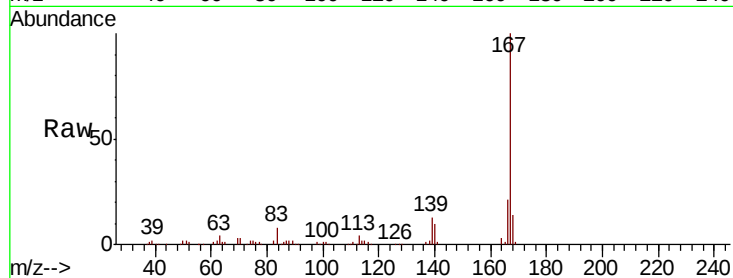




#73
 Carbazole
 Concen: 6.265 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

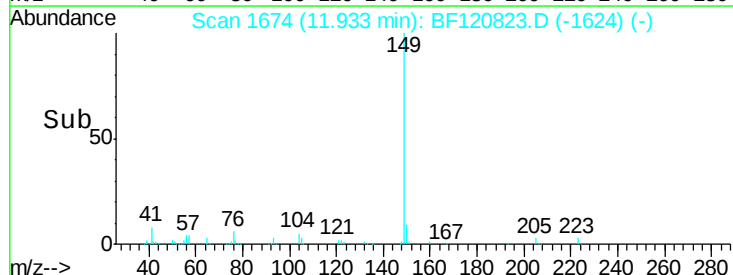
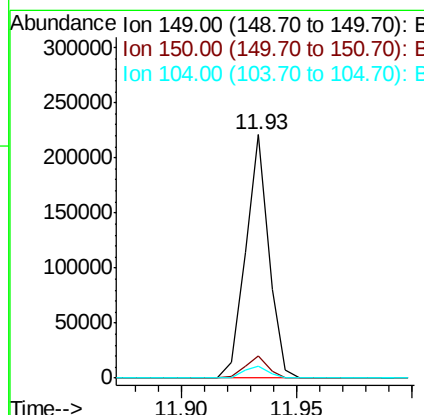
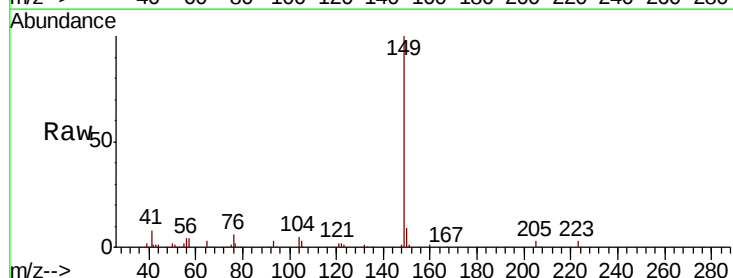
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion:167 Resp: 143448
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.8 26.8
 139 13.5 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 5.467 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:149 Resp: 154968
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.2 4.0 6.0

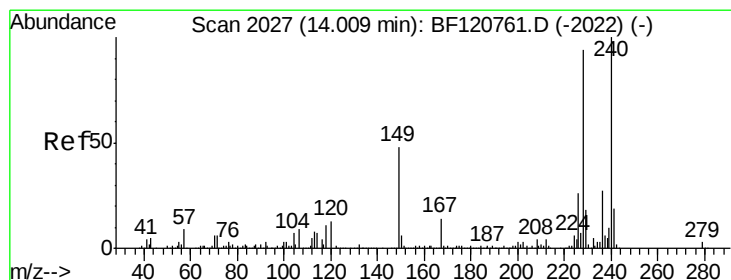
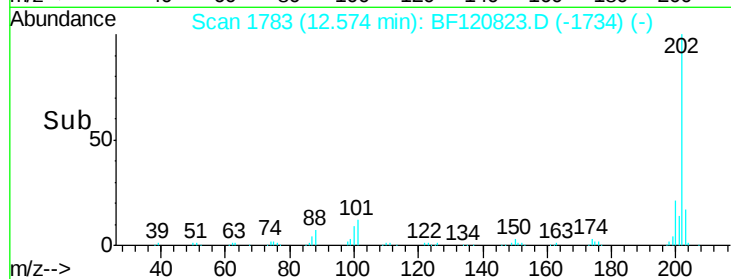
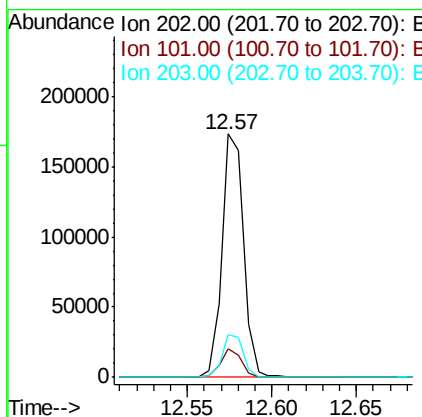
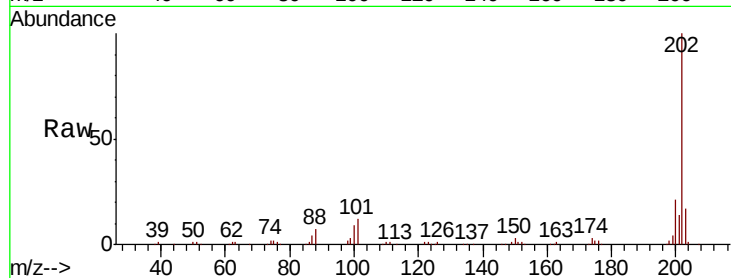




#75
 Fluoranthene
 Concen: 6.134 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

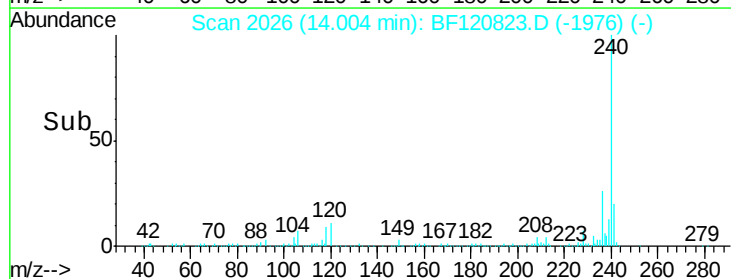
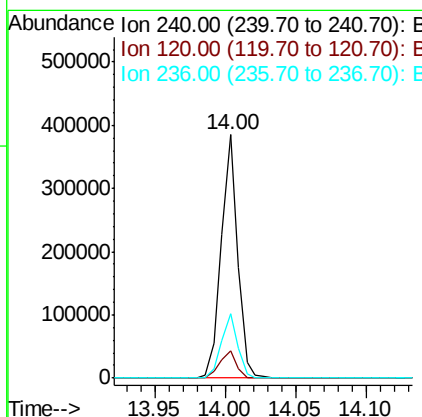
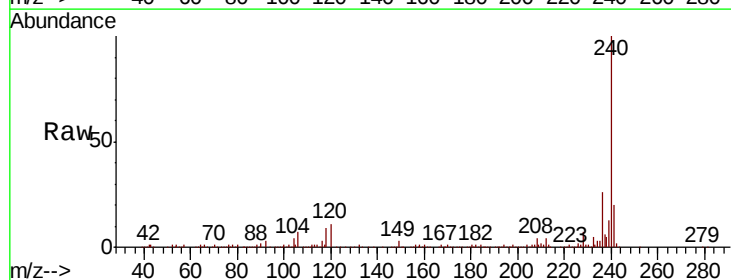
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

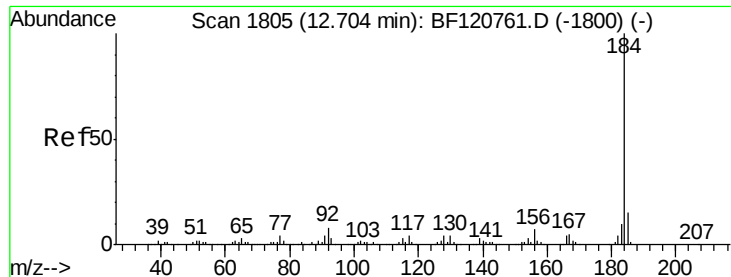
Tot Ion:	202	Resp:	154078
Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.6
203	17.3	0.0	38.2



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:	240	Resp:	311911
Ion	Ratio	Lower	Upper
240	100		
120	11.0	10.3	15.5
236	26.4	21.4	32.2





#77

Benzidine

Concen: 6.102 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

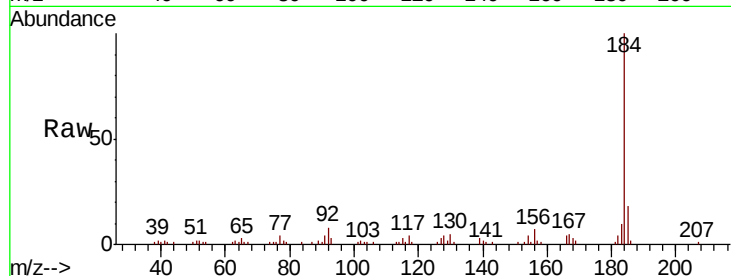
Tot Ion:184 Resp: 53721

Ion Ratio Lower Upper

184 100

185 18.4 11.8 17.8#

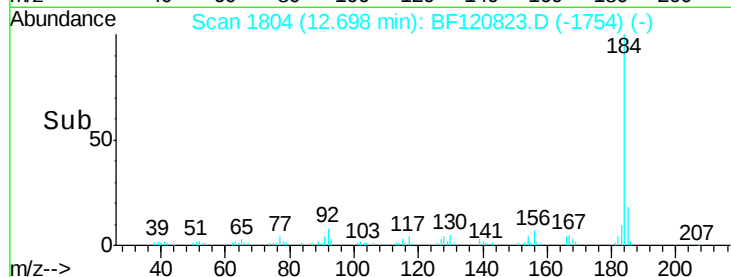
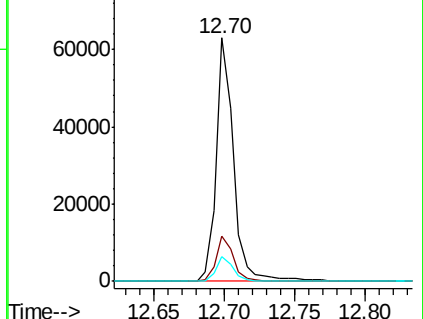
183 10.4 8.3 12.5



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: 6.469 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

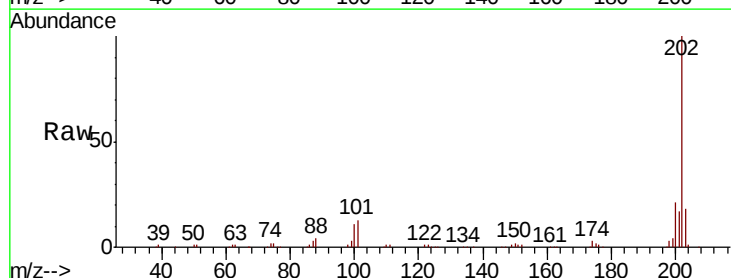
Tgt Ion:202 Resp: 161139

Ion Ratio Lower Upper

202 100

200 21.2 17.3 25.9

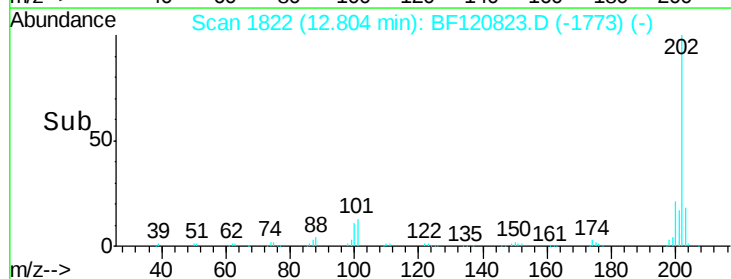
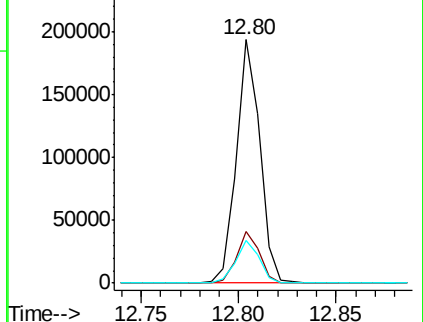
203 17.5 14.6 22.0



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

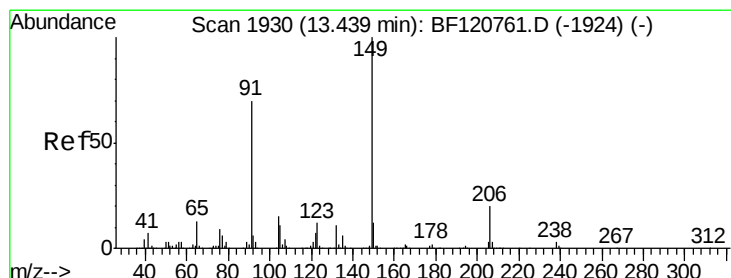
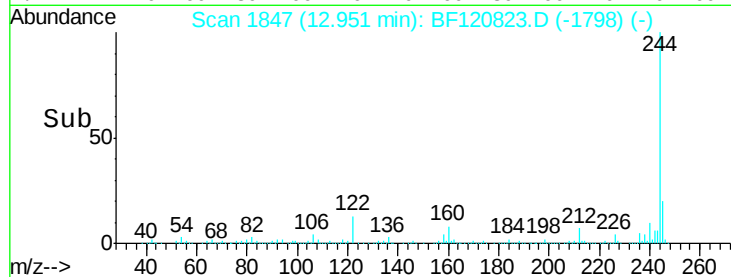
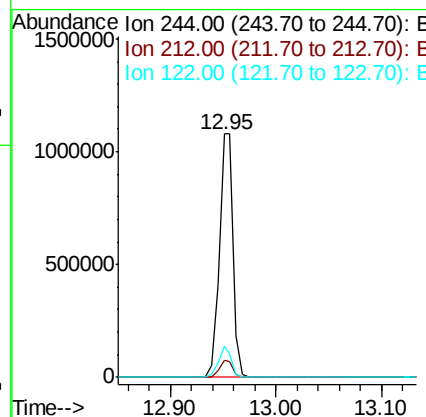
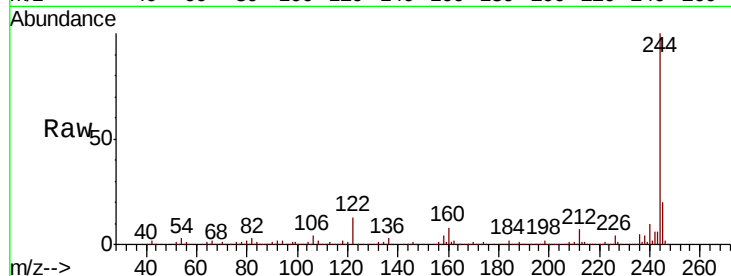




#79
 Terphenyl-d14
 Concen: 62.695 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

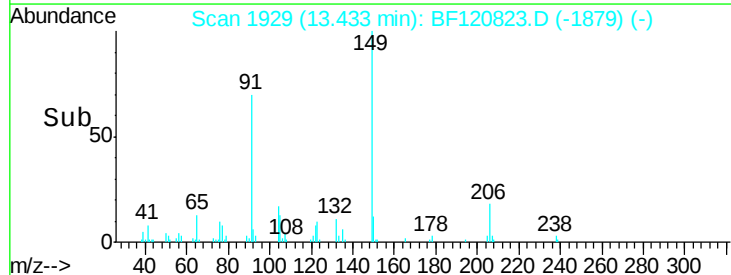
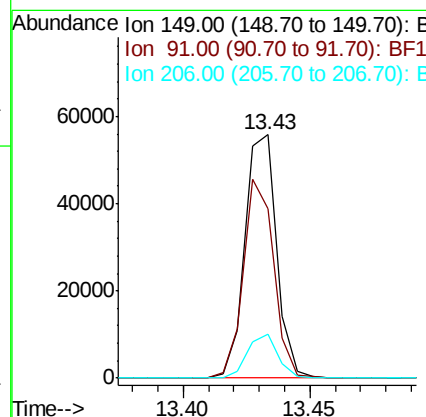
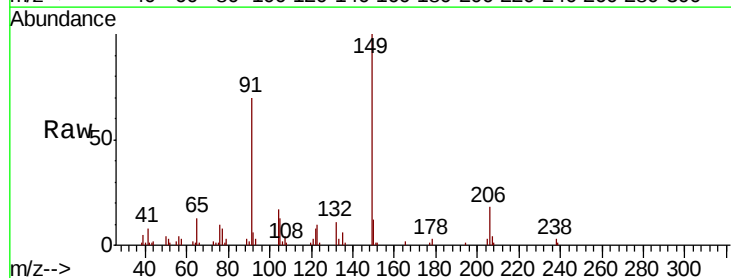
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

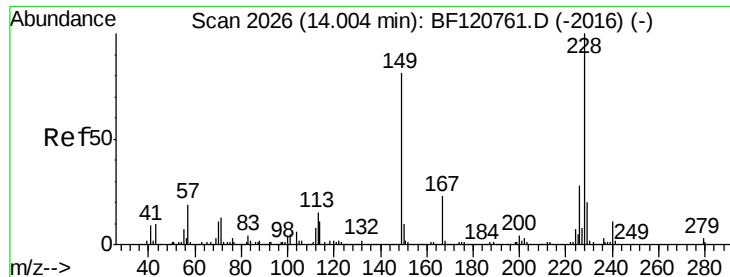
Tot Ion:244 Resp: 998796
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.6 8.4
 122 12.8 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 4.499 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion:149 Resp: 48390
 Ion Ratio Lower Upper
 149 100
 91 69.5 55.8 83.8
 206 17.9 15.7 23.5

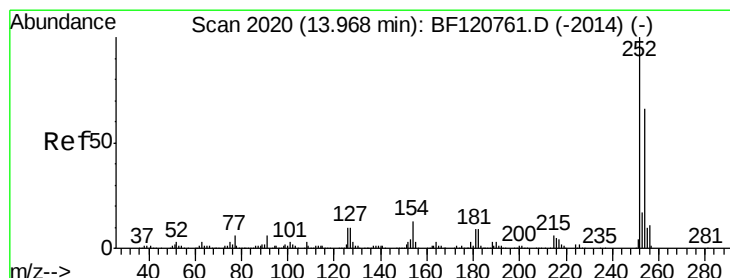
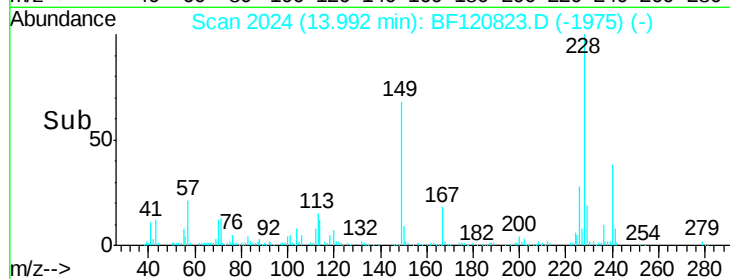
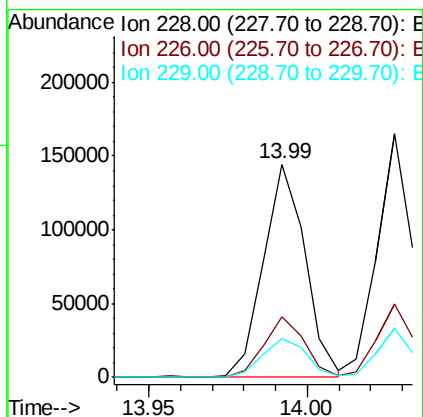
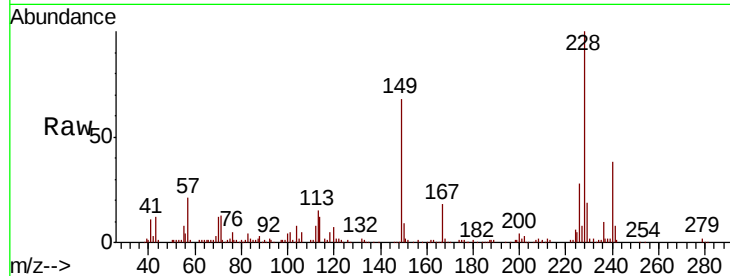




#81
Benzo(a)anthracene
Concen: 6.624 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

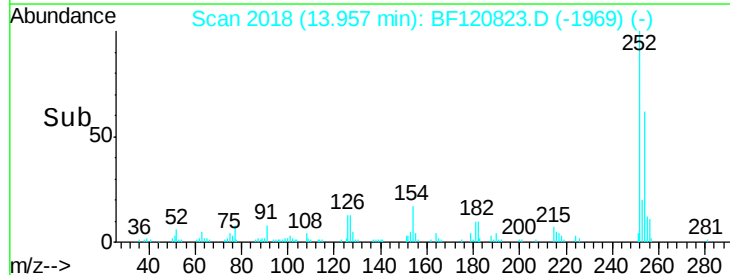
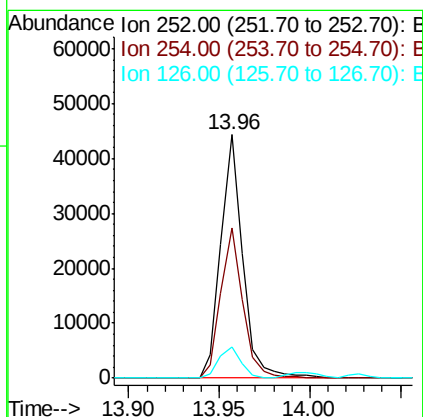
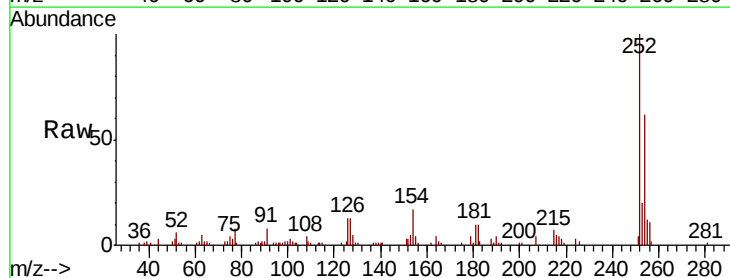
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

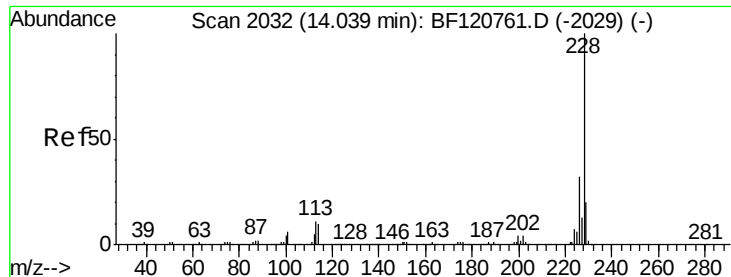
Tot Ion:228 Resp: 132440
Ion Ratio Lower Upper
228 100
226 28.3 22.6 33.8
229 18.5 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 5.546 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:252 Resp: 37421
Ion Ratio Lower Upper
252 100
254 61.6 52.6 78.8
126 12.9 7.8 11.8#

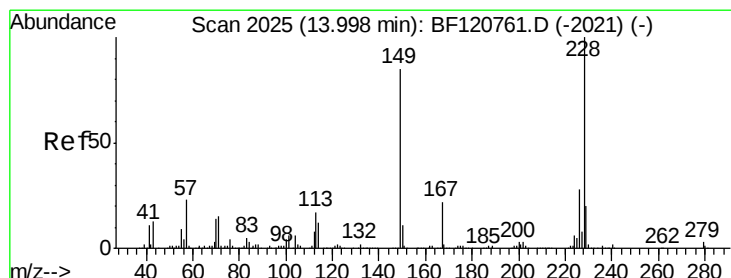
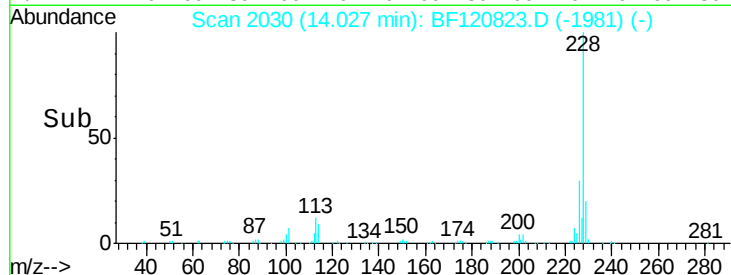
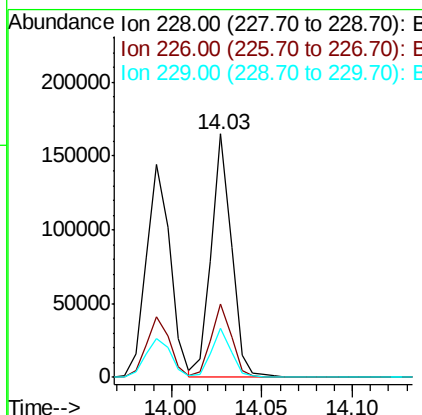
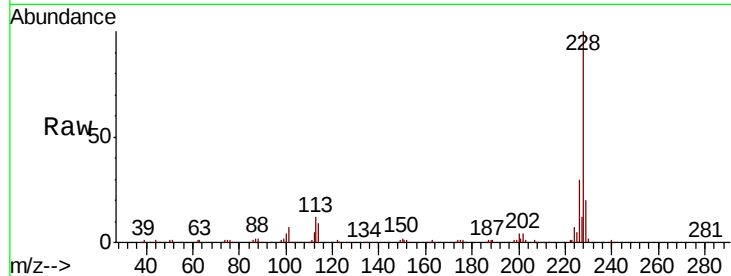




#83
Chrysene
Concen: 6.333 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

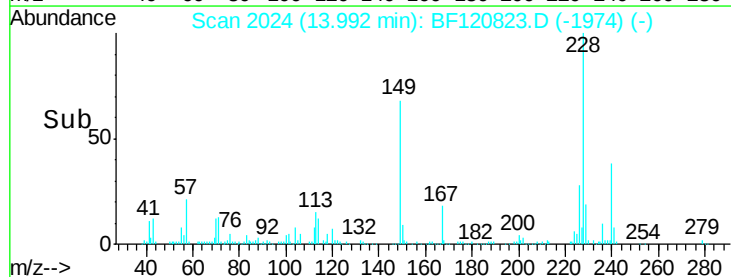
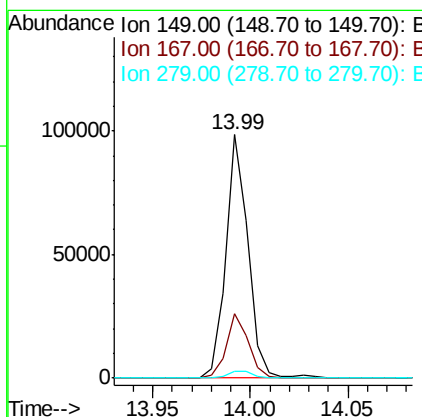
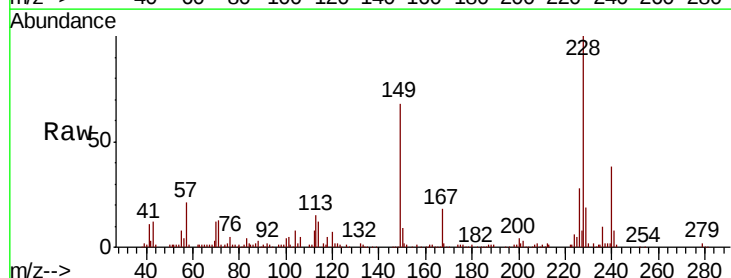
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:228 Resp: 129157
Ion Ratio Lower Upper
228 100
226 30.3 25.7 38.5
229 20.1 16.3 24.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 5.469 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:149 Resp: 77132
Ion Ratio Lower Upper
149 100
167 26.2 20.9 31.3
279 3.0 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 3.764 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

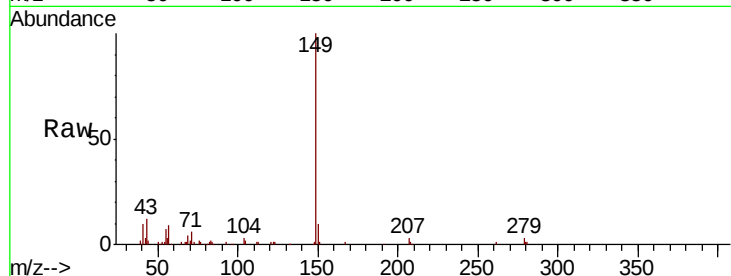
Tot Ion:149 Resp: 93919

Ion Ratio Lower Upper

149 100

167 1.2 1.2 1.8

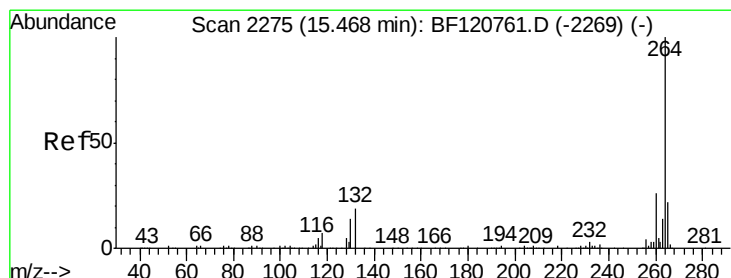
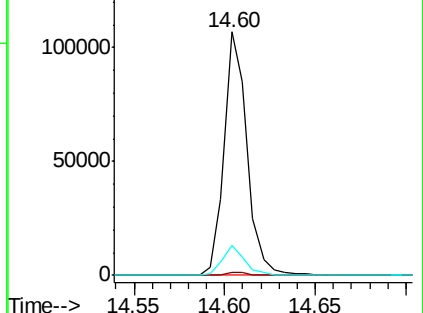
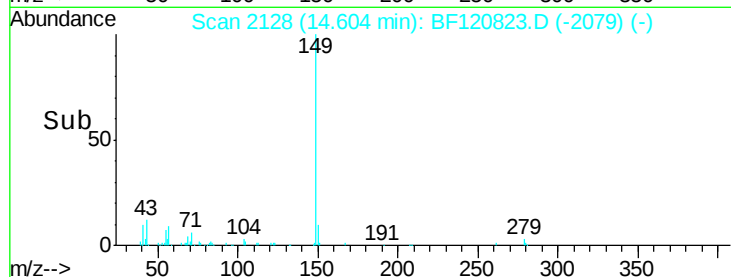
43 12.3 8.7 13.1



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: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120823.D

Acq: 10 Jul 2020 10:42

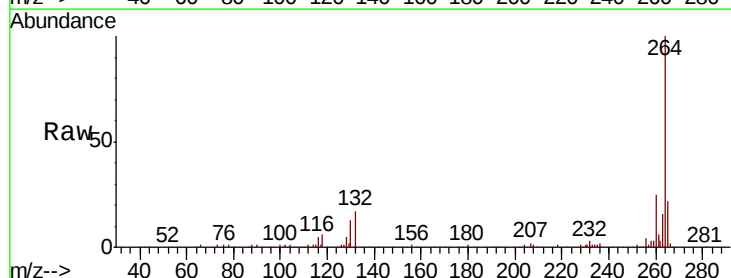
Tgt Ion:264 Resp: 258228

Ion Ratio Lower Upper

264 100

260 24.7 20.6 30.8

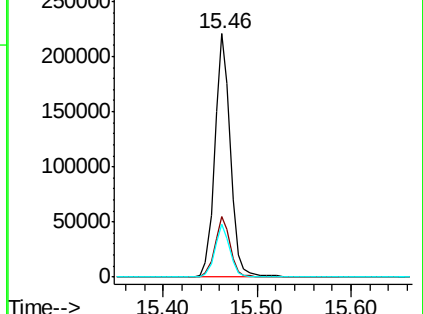
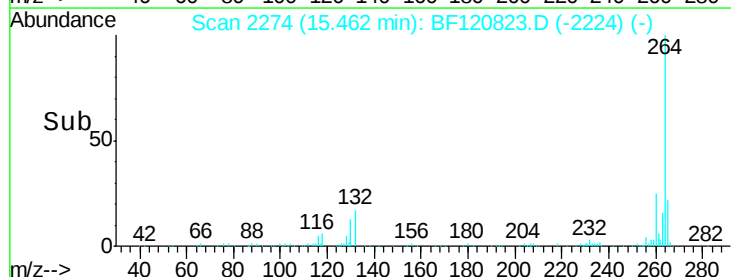
265 21.9 17.6 26.4



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

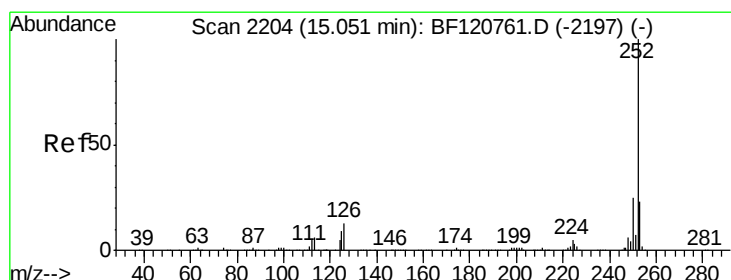
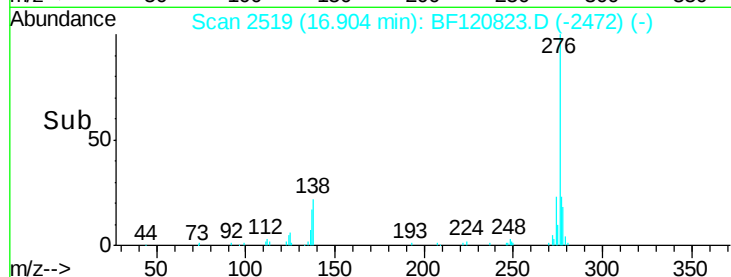
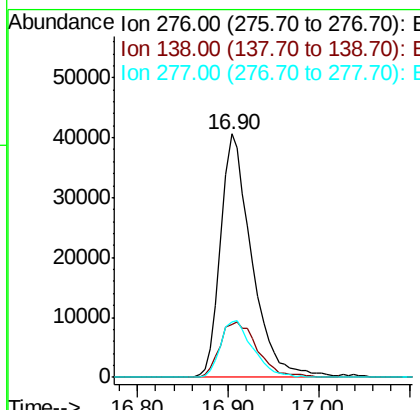
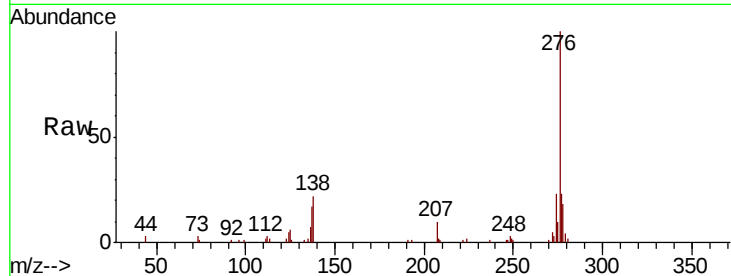




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.864 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

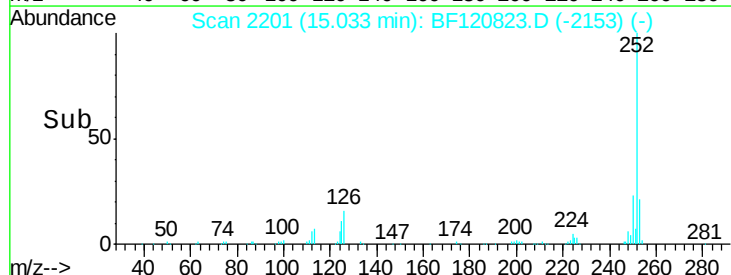
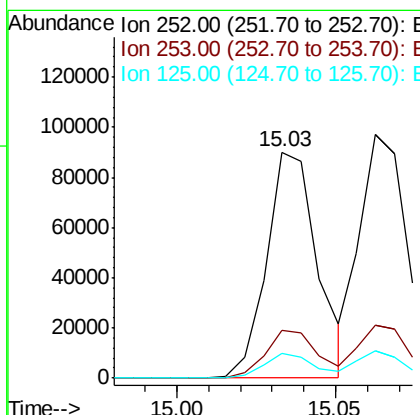
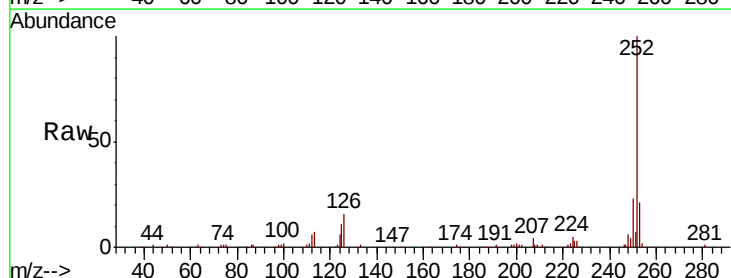
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

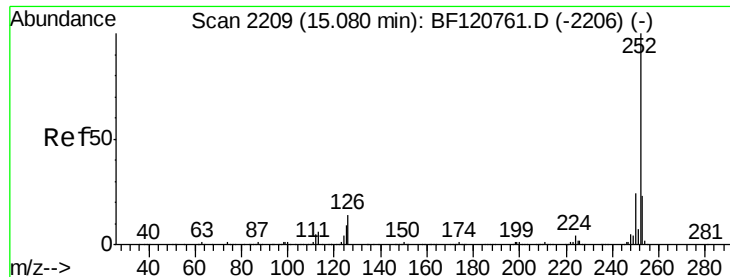
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.8	29.8
277	24.1	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 5.953 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BF120823.D
 Acq: 10 Jul 2020 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.1	18.0	27.0
125	10.7	7.5	11.3

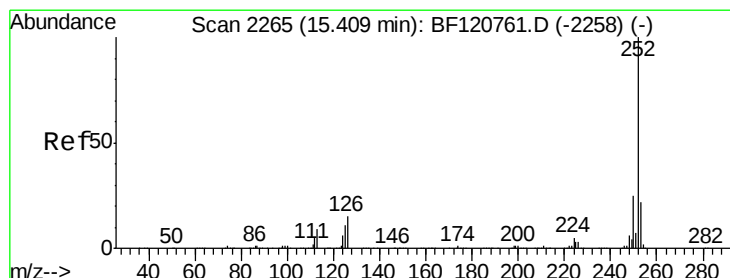
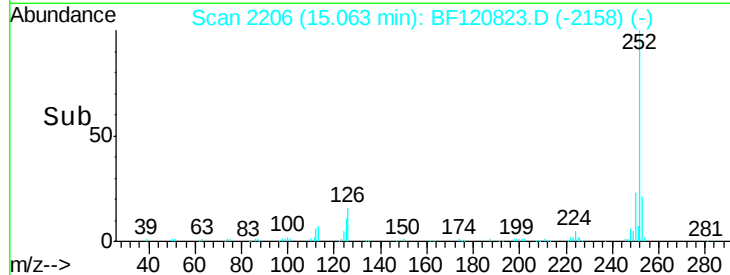
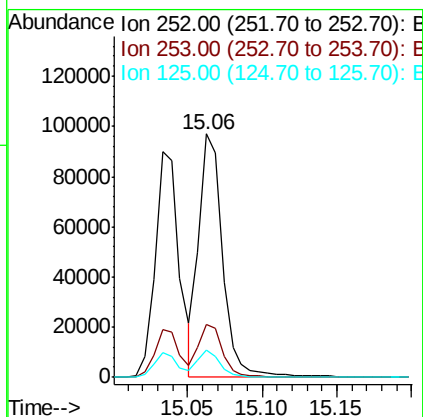
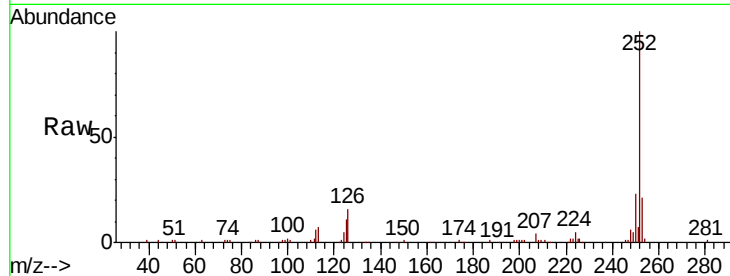




#89
Benzo(k)fluoranthene
Concen: 6.494 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

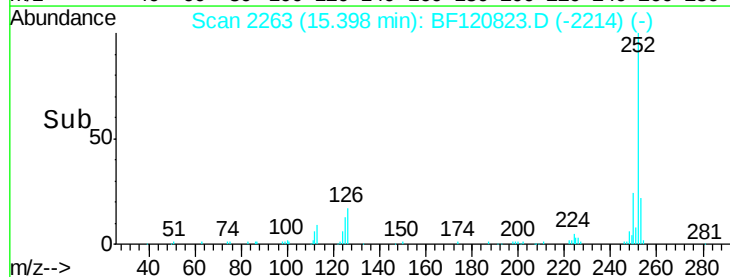
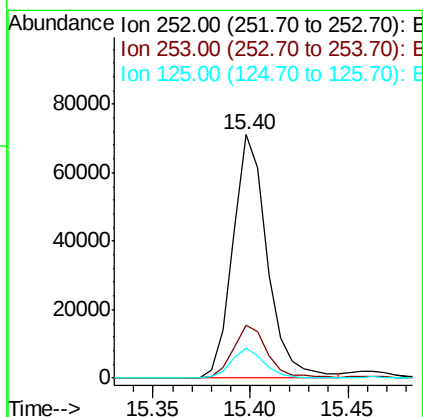
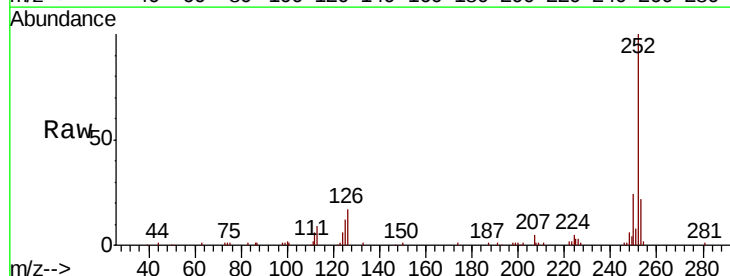
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

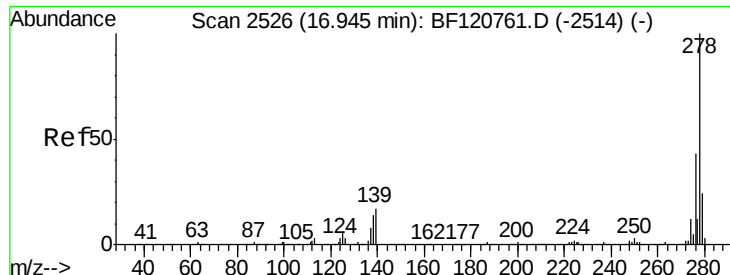
Tot Ion:252 Resp: 107278
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 11.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 5.751 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:252 Resp: 87089
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 12.5 9.2 13.8

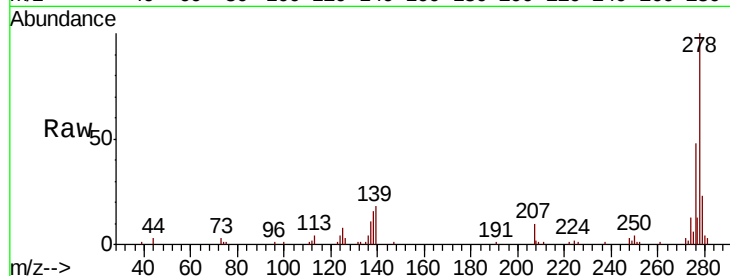




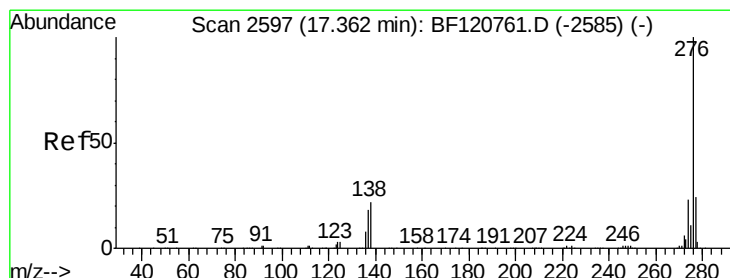
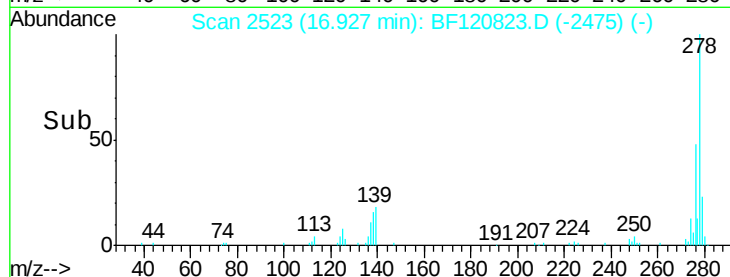
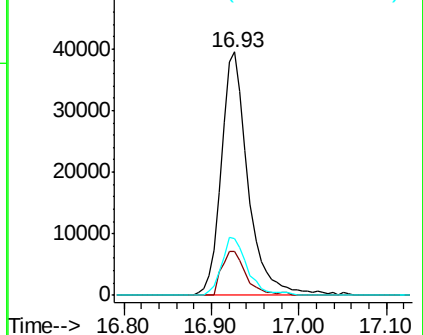
#91
Dibenzo(a,h)anthracene
Concen: 6.060 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:278 Resp: 83653
Ion Ratio Lower Upper
278 100
139 18.2 13.3 19.9
279 23.5 19.0 28.6

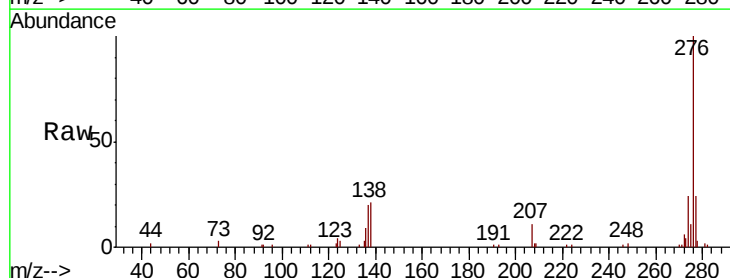


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 6.561 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF120823.D
Acq: 10 Jul 2020 10:42

Tgt Ion:276 Resp: 82781
Ion Ratio Lower Upper
276 100
277 24.4 18.8 28.2
138 21.5 17.4 26.2



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

