

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120611.D
 Acq On : 12 Jun 2020 13:56
 Operator : JU/CG
 Sample : L1161-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Quant Time: Jun 12 15:08:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	145494	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	538164	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	287207	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	549397	20.00	ng	0.00
76) Chrysene-d12	13.95	240	449202	20.00	ng	-0.01
86) Perylene-d12	15.39	264	506795	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1243173	146.49	ng	0.00
7) Phenol-d6	6.43	99	1567933	148.34	ng	0.00
23) Nitrobenzene-d5	7.36	82	978433	101.63	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	490400	146.86	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1756100	93.55	ng	0.00
79) Terphenyl-d14	12.90	244	2049702	100.79	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	29342	7.295	ng	99
3) Pyridine	3.27	79	62617	5.538	ng	95
4) n-Nitrosodimethylamine	3.15	42	33917	7.228	ng	# 92
6) Aniline	6.46	93	112458	8.314	ng	97
8) 2-Chlorophenol	6.58	128	73921	7.708	ng	94
9) Benzaldehyde	6.35	77	64367	9.628	ng	94
10) Phenol	6.45	94	94846	8.410	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	71969	7.662	ng	95
12) 1,3-Dichlorobenzene	6.74	146	81118	7.957	ng	98
13) 1,4-Dichlorobenzene	6.82	146	81950	8.147	ng	100
14) 1,2-Dichlorobenzene	6.97	146	76290	7.786	ng	98
15) Benzyl Alcohol	6.93	79	71840	9.584	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	106523	7.876	ng	99
17) 2-Methylphenol	7.05	107	60414	7.386	ng	100
18) Hexachloroethane	7.31	117	29399	7.932	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	52293	8.529	ng	99
20) 3+4-Methylphenols	7.20	107	77276	7.561	ng	# 73
22) Acetophenone	7.20	105	109275	9.082	ng	97
24) Nitrobenzene	7.38	77	81187	8.058	ng	99
25) Isophorone	7.62	82	142894	7.619	ng	98
26) 2-Nitrophenol	7.69	139	36542	6.856	ng	98
27) 2,4-Dimethylphenol	7.73	122	55484	7.070	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	90339	8.310	ng	99
29) 2,4-Dichlorophenol	7.93	162	61024	7.649	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	68050	7.697	ng	99
31) Naphthalene	8.10	128	226755	8.581	ng	99
32) Benzoic acid	7.80	122	18635	3.095	ng	98
33) 4-Chloroaniline	8.15	127	90614	7.471	ng	96
34) Hexachlorobutadiene	8.22	225	40031	7.768	ng	96
35) Caprolactam	8.48	113	20235	7.931	ng	93
36) 4-Chloro-3-methylphenol	8.63	107	61885	7.765	ng	99
37) 2-Methylnaphthalene	8.79	142	150221	8.708	ng	99
38) 1-Methylnaphthalene	8.89	142	141688	8.729	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	71490	8.336	ng	99

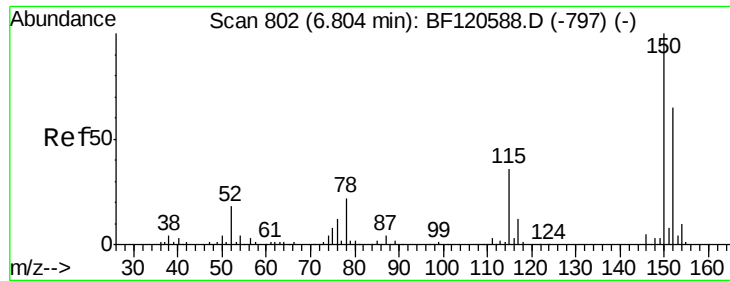
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061220\
 Data File : BF120611.D
 Acq On : 12 Jun 2020 13:56
 Operator : JU/CG
 Sample : L1161-09
 Misc : MDL-MDL-WATER-8PPM
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Quant Time: Jun 12 15:08:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	26631	5.542	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	42391	6.968	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	44434	6.438	ng	97
46) 1,1'-Biphenyl	9.25	154	192354	8.969	ng	97
47) 2-Chloronaphthalene	9.28	162	139369	7.947	ng	99
48) 2-Nitroaniline	9.37	65	38715	7.029	ng	88
49) Acenaphthylene	9.69	152	225998	8.350	ng	98
50) Dimethylphthalate	9.55	163	158559	7.666	ng	97
51) 2,6-Dinitrotoluene	9.61	165	33248	7.093	ng	94
52) Acenaphthene	9.86	154	137078	8.492	ng	99
53) 3-Nitroaniline	9.78	138	36660	6.511	ng	96
54) 2,4-Dinitrophenol	9.89	184	8575	3.412	ng	# 88
55) Dibenzofuran	10.03	168	208860	8.439	ng	99
56) 4-Nitrophenol	9.94	139	24966	5.887	ng	95
57) 2,4-Dinitrotoluene	10.02	165	42186	6.782	ng	97
58) Fluorene	10.38	166	156622	8.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	37250	6.860	ng	97
60) Diethylphthalate	10.25	149	160232	7.865	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	79827	8.102	ng	92
62) 4-Nitroaniline	10.39	138	37022	6.623	ng	98
63) Azobenzene	10.53	77	156085	8.440	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16078	4.877	ng	92
66) n-Nitrosodiphenylamine	10.49	169	137584	8.155	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	47595	7.633	ng	98
68) Hexachlorobenzene	10.93	284	53204	7.936	ng	95
69) Atrazine	11.01	200	45341	8.685	ng	98
70) Pentachlorophenol	11.12	266	17298	4.641	ng	97
71) Phenanthrene	11.34	178	228724	8.375	ng	98
72) Anthracene	11.39	178	232990	8.464	ng	98
73) Carbazole	11.55	167	214433	7.869	ng	99
74) Di-n-butylphthalate	11.88	149	249864	8.156	ng	98
75) Fluoranthene	12.53	202	254445	8.149	ng	96
77) Benzidine	12.64	184	131225	8.638	ng	97
78) Pyrene	12.75	202	264450	8.310	ng	98
80) Butylbenzylphthalate	13.37	149	100121	7.086	ng	99
81) Benzo(a)anthracene	13.94	228	240841	8.924	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	96382	9.350	ng	99
83) Chrysene	13.97	228	232575	8.401	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	149056	8.643	ng	100
85) Di-n-octyl phthalate	14.54	149	251357	7.637	ng	98
87) Indeno(1,2,3-cd)pyrene	16.80	276	263610	8.551	ng	99
88) Benzo(b)fluoranthene	14.97	252	233980	7.751	ng	98
89) Benzo(k)fluoranthene	15.00	252	225604	8.446	ng	98
90) Benzo(a)pyrene	15.33	252	207306	7.673	ng	99
91) Dibenzo(a,h)anthracene	16.82	278	219989	8.899	ng	98
92) Benzo(g,h,i)perylene	17.22	276	219178	8.796	ng	97

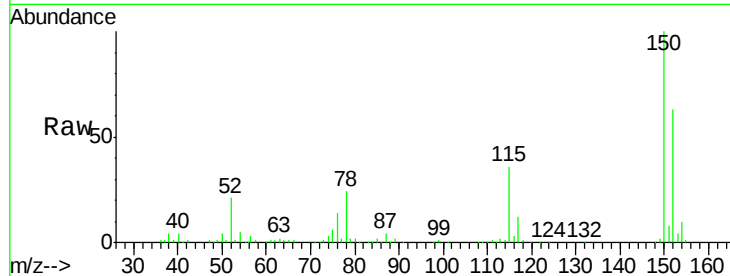
(#) = qualifier out of range (m) = manual integration (+) = signals summed



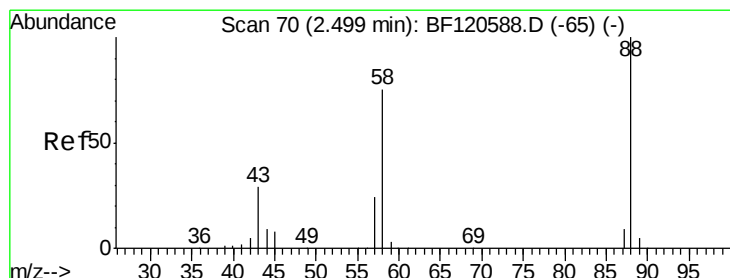
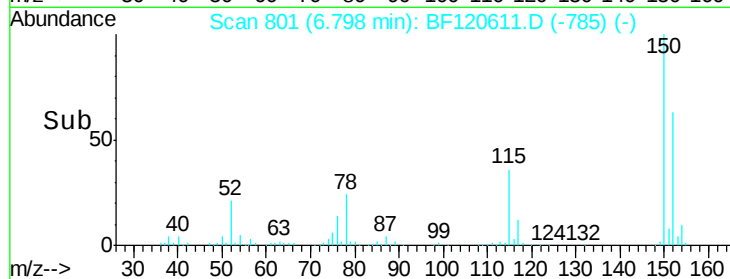
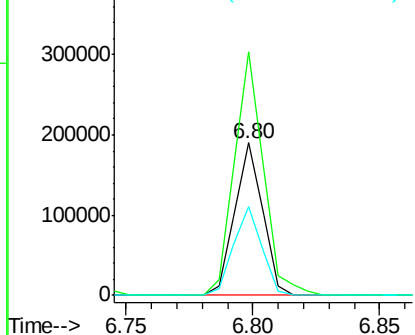
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:152 Resp: 145494
 Ion Ratio Lower Upper
 152 100
 150 159.6 123.2 184.8
 115 58.3 43.9 65.9

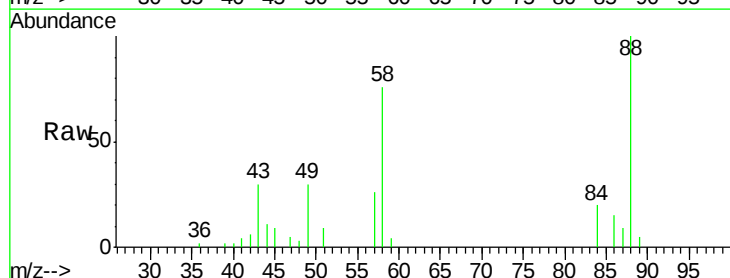


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

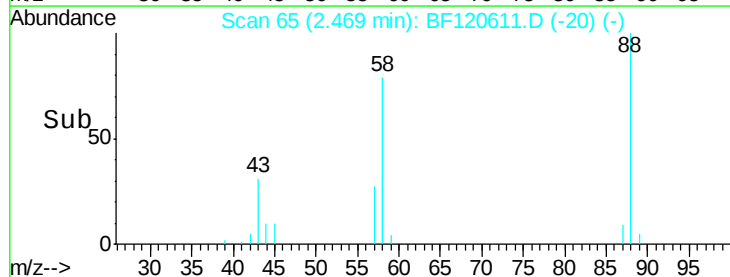
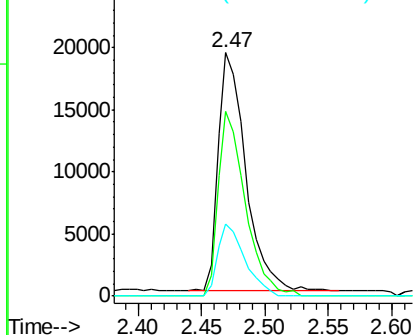


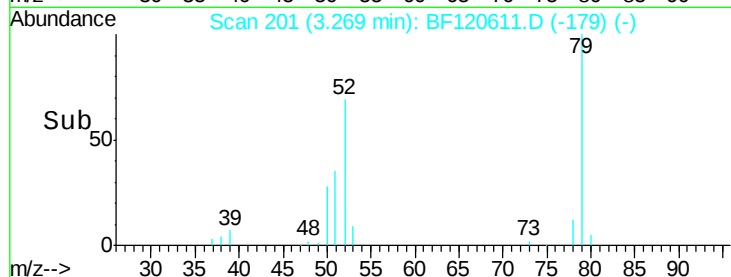
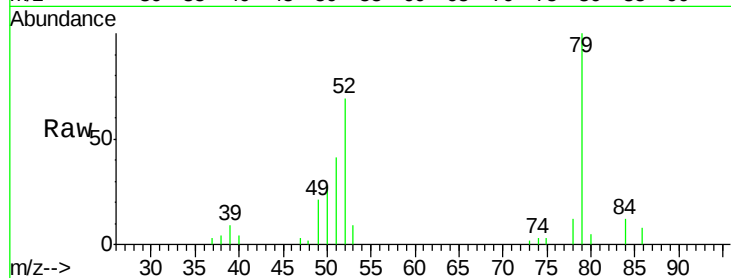
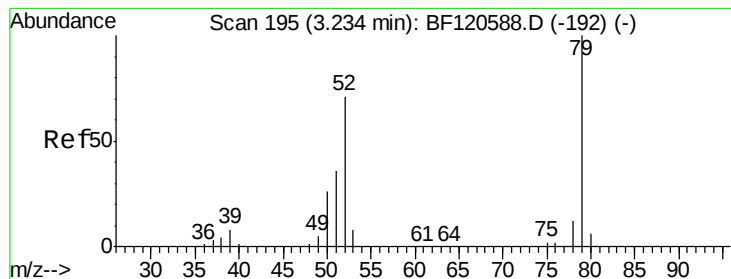
#2
 1,4-Dioxane
 Concen: 7.295 ng
 RT: 2.47 min Scan# 65
 Delta R.T. -0.04 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion: 88 Resp: 29342
 Ion Ratio Lower Upper
 88 100
 58 75.6 59.6 89.4
 43 29.4 23.1 34.7



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





#3

Pvridine

Concen: 5.538 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.03 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

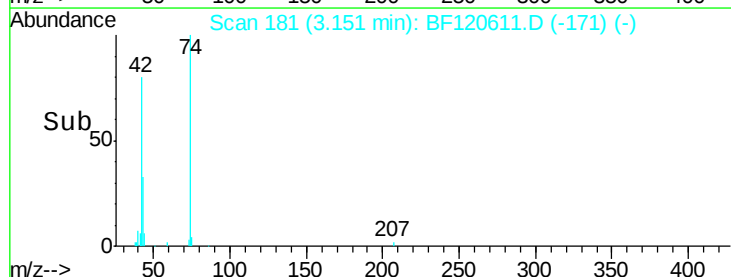
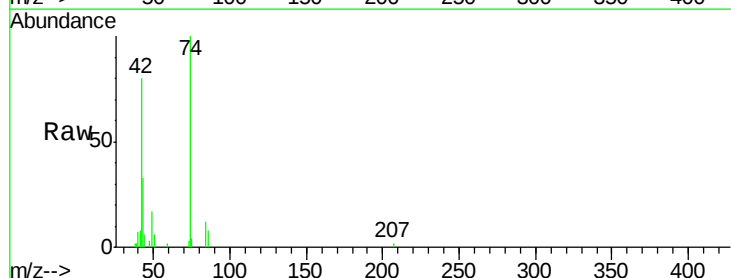
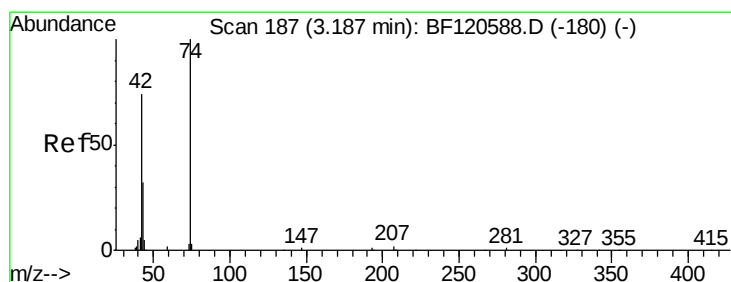
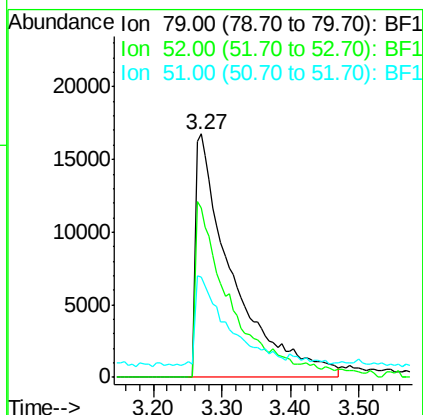
Tot Ion: 79 Resp: 62617

Ion Ratio Lower Upper

79 100

52 69.4 57.0 85.6

51 41.0 28.5 42.7



#4

n-Nitrosodimethylamine

Concen: 7.228 ng

RT: 3.15 min Scan# 181

Delta R.T. -0.04 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

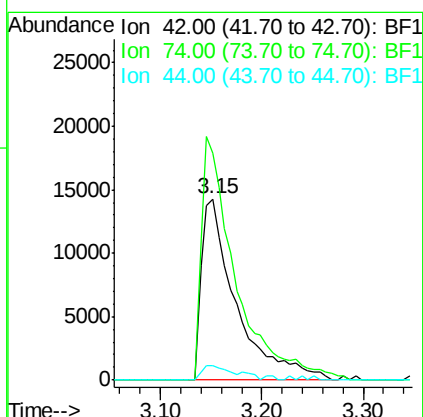
Tgt Ion: 42 Resp: 33917

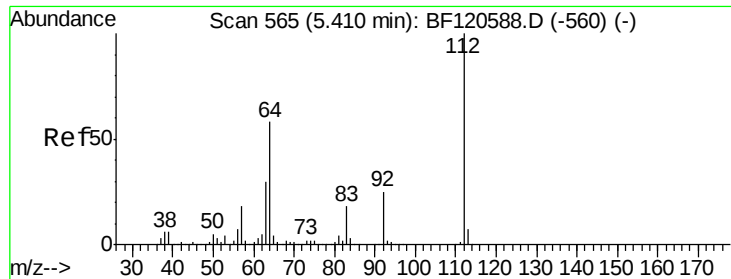
Ion Ratio Lower Upper

42 100

74 124.8 107.8 161.6

44 8.0 5.1 7.7#

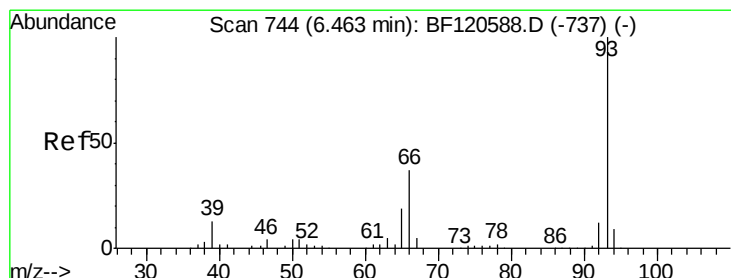
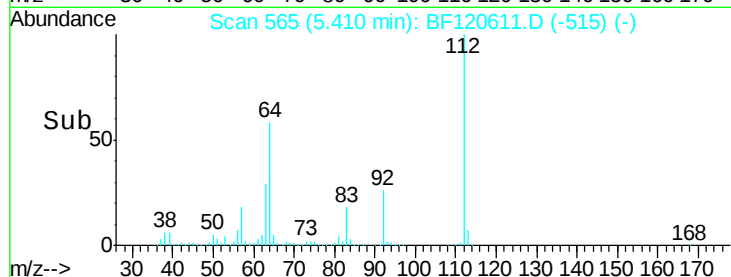
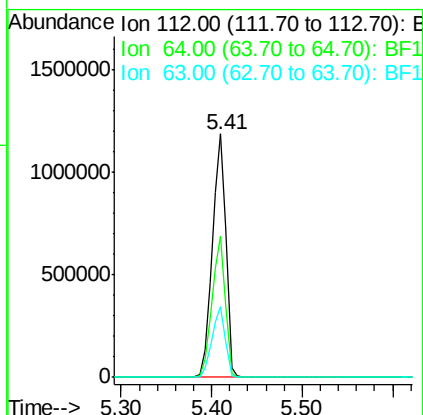
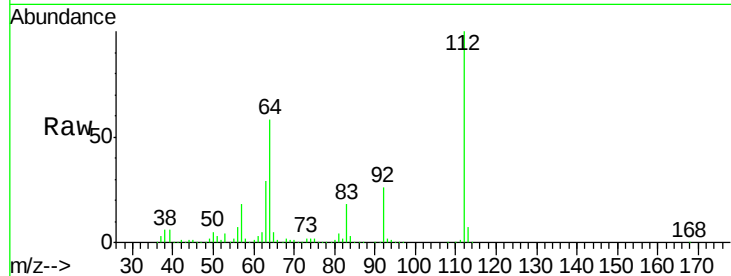




#5
2-Fluorophenol
Concen: 146.491 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

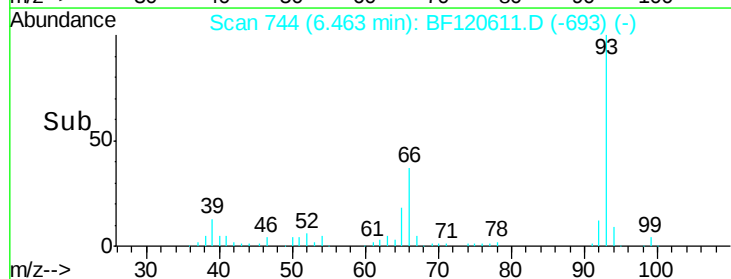
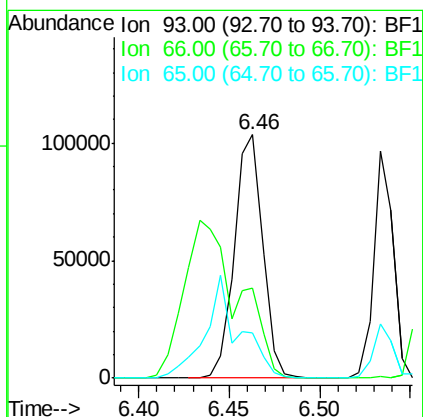
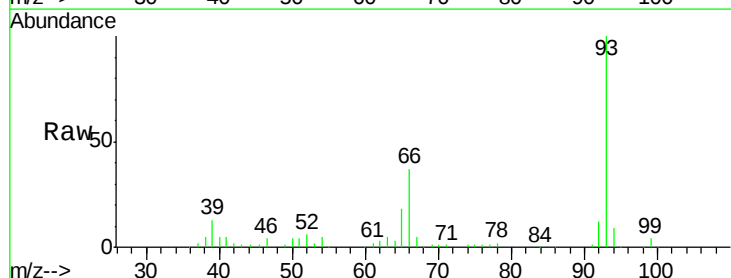
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

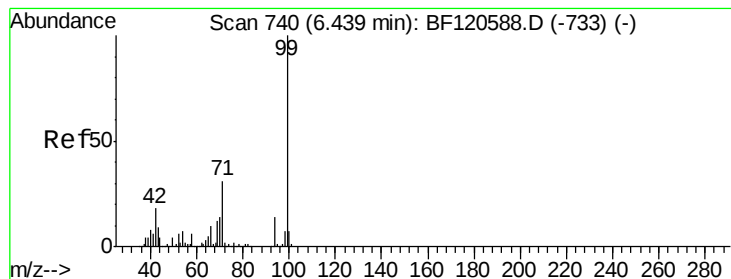
Tot Ion:112 Resp: 1243173
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 29.2 23.7 35.5



#6
Aniline
Concen: 8.314 ng
RT: 6.46 min Scan# 744
Delta R.T. 0.00 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion: 93 Resp: 112458
Ion Ratio Lower Upper
93 100
66 37.2 30.9 46.3
65 18.5 15.9 23.9





#7

Phenol-d6

Concen: 148.342 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

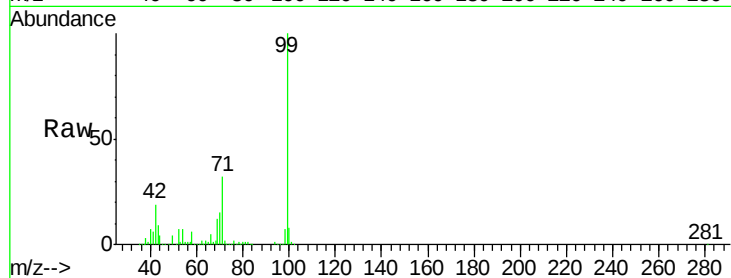
Tot Ion: 99 Resp: 1567933

Ion Ratio Lower Upper

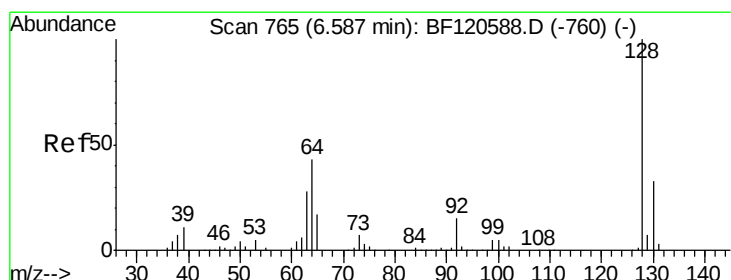
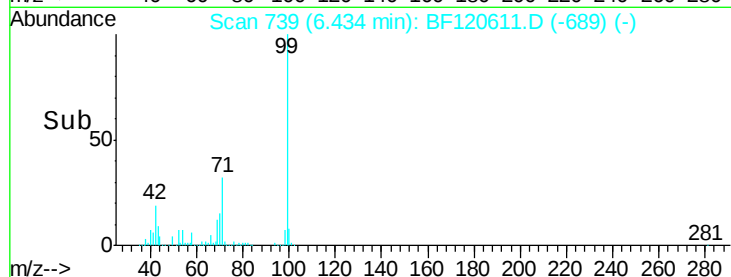
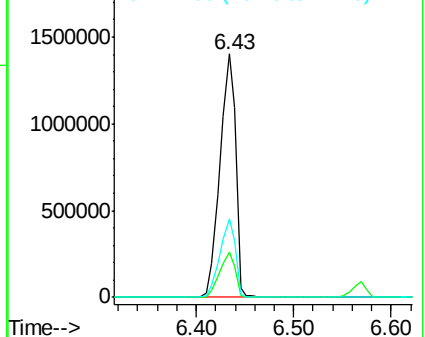
99 100

42 18.8 14.0 21.0

71 32.3 24.9 37.3



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



#8

2-Chlorophenol

Concen: 7.708 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

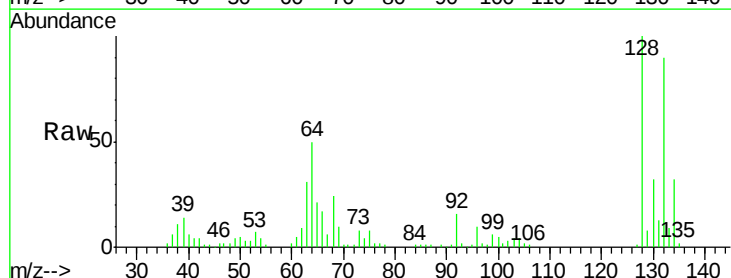
Tgt Ion: 128 Resp: 73921

Ion Ratio Lower Upper

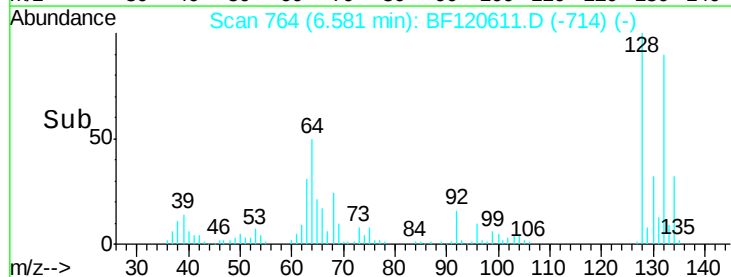
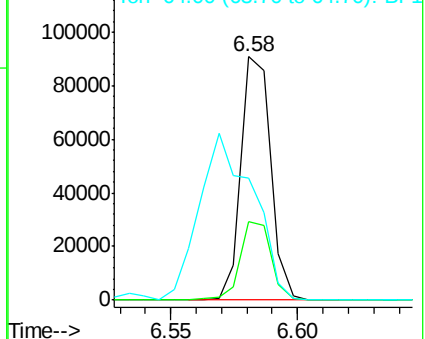
128 100

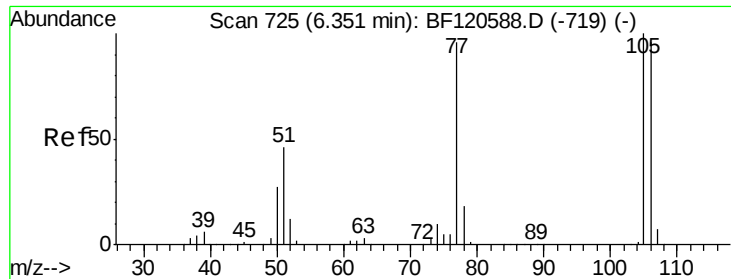
130 32.0 12.6 52.6

64 50.3 24.3 64.3



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

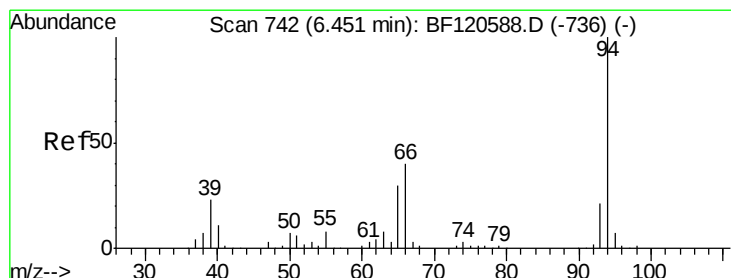
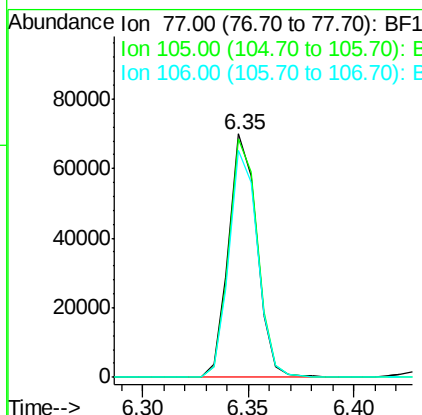
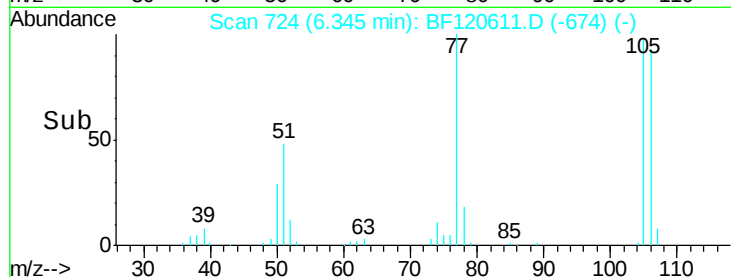
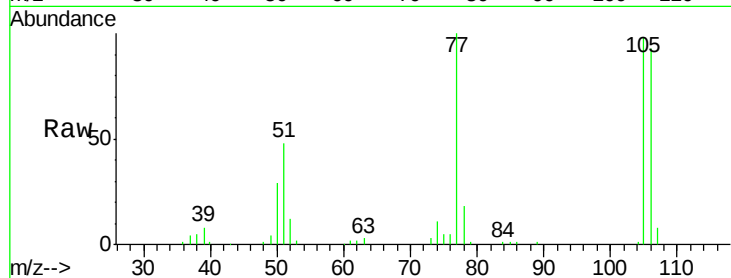




#9
Benzaldehyde
Concen: 9.628 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

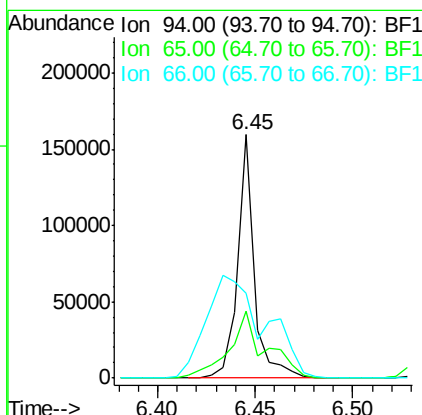
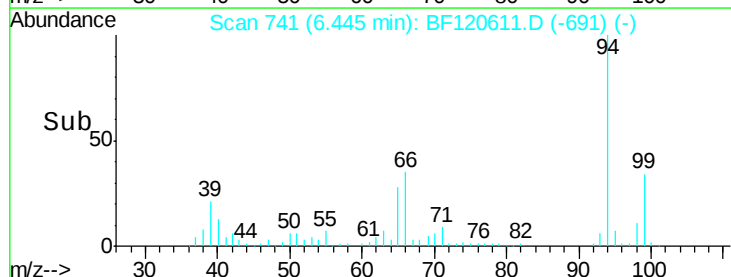
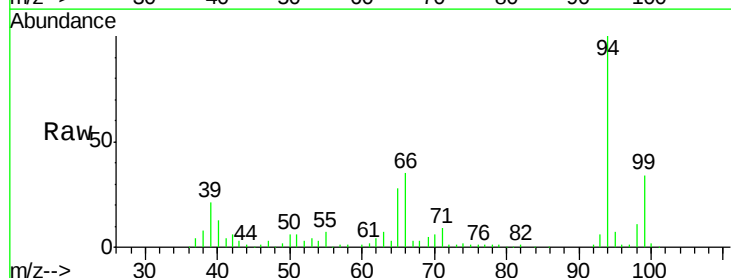
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

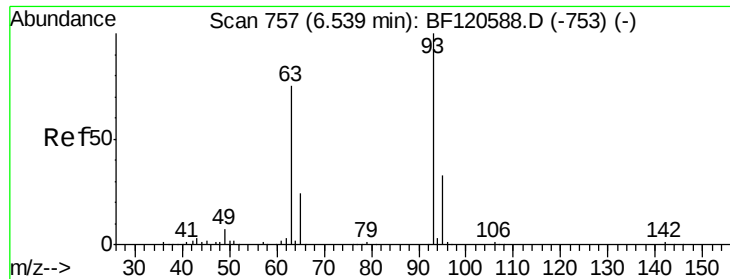
Tot Ion: 77 Resp: 64367
Ion Ratio Lower Upper
77 100
105 97.8 83.8 123.8
106 93.1 79.3 119.3



#10
Phenol
Concen: 8.410 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion: 94 Resp: 94846
Ion Ratio Lower Upper
94 100
65 27.6 9.9 49.9
66 35.0 20.1 60.1





#11

bis(2-Chloroethyl)ether

Concen: 7.662 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

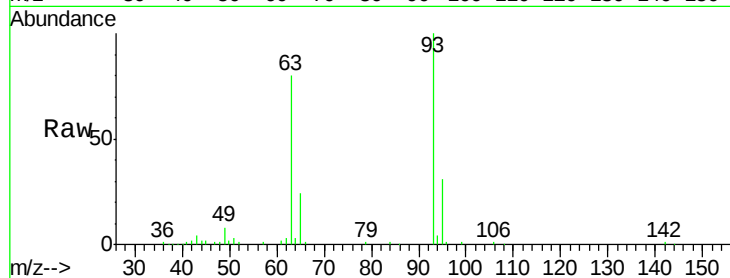
Tot Ion: 93 Resp: 71969

Ion Ratio Lower Upper

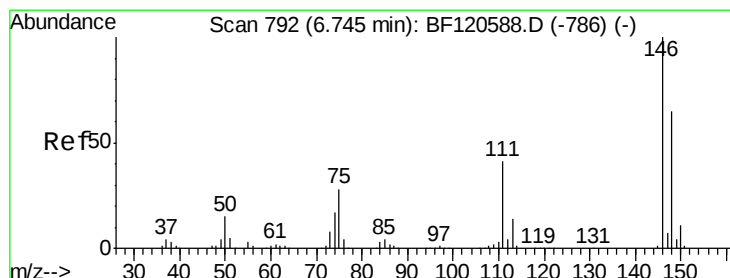
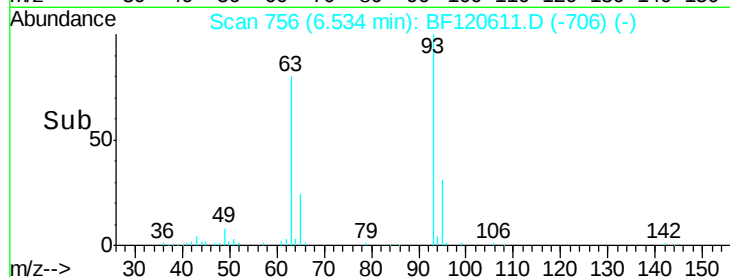
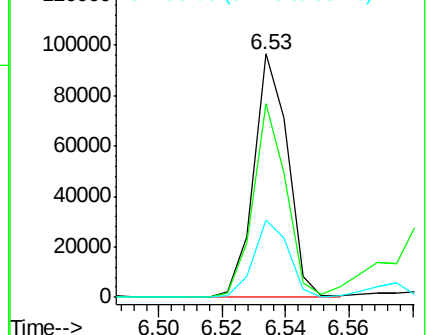
93 100

63 79.8 54.4 94.4

95 31.5 12.9 52.9



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 7.957 ng

RT: 6.74 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

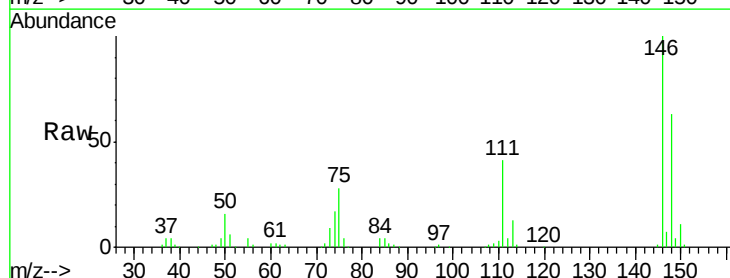
Tgt Ion: 146 Resp: 81118

Ion Ratio Lower Upper

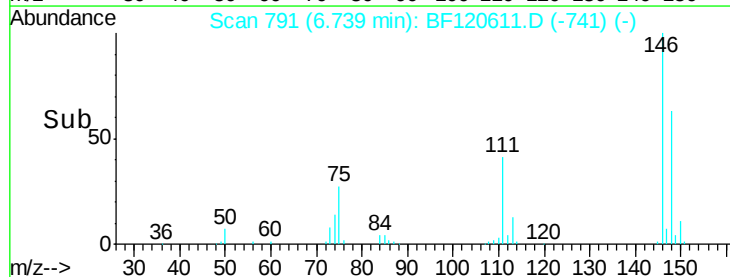
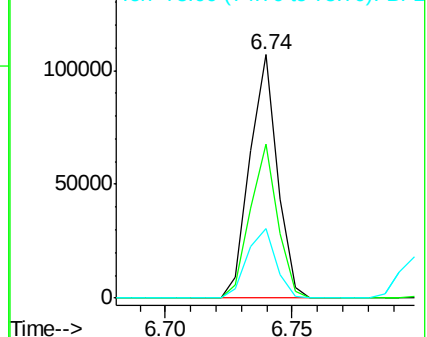
146 100

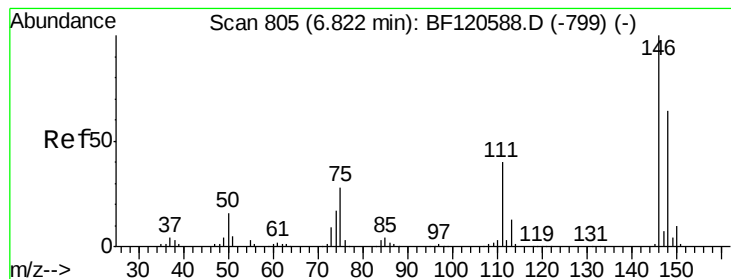
148 63.3 51.8 77.6

75 28.5 22.2 33.4



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 8.147 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

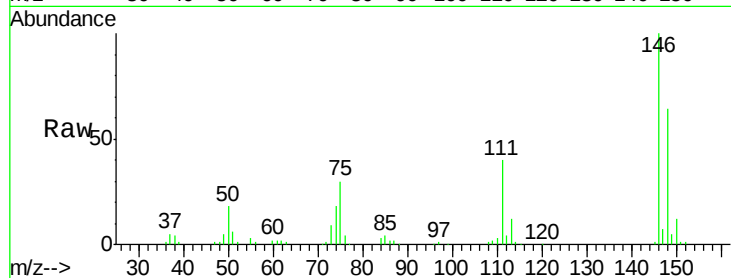
Tot Ion:146 Resp: 81950

Ion Ratio Lower Upper

146 100

148 64.3 51.5 77.3

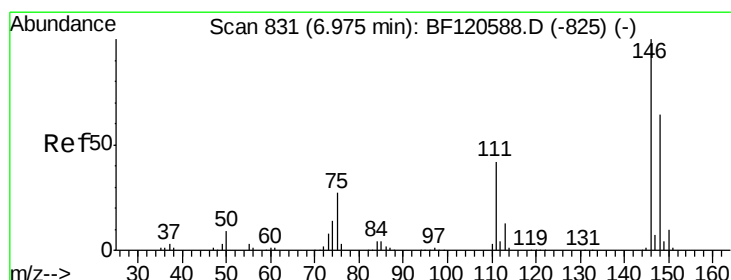
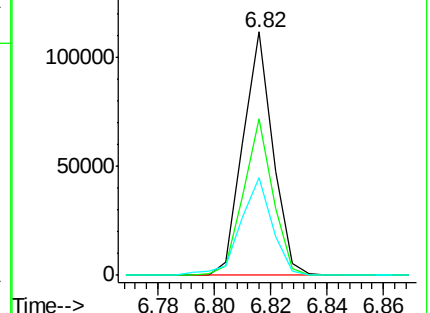
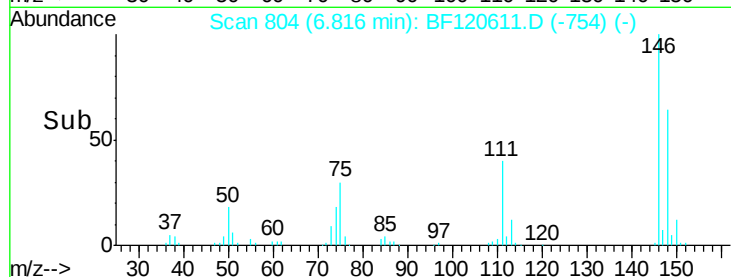
111 40.2 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 7.786 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

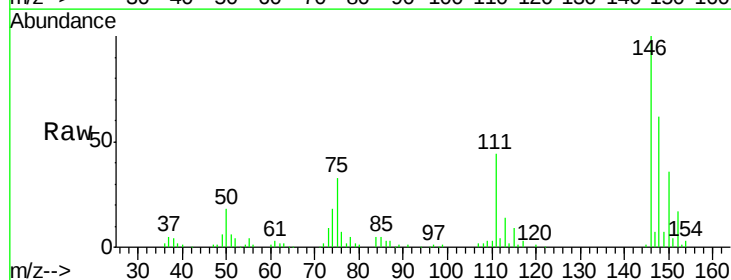
Tgt Ion:146 Resp: 76290

Ion Ratio Lower Upper

146 100

148 62.3 50.8 76.2

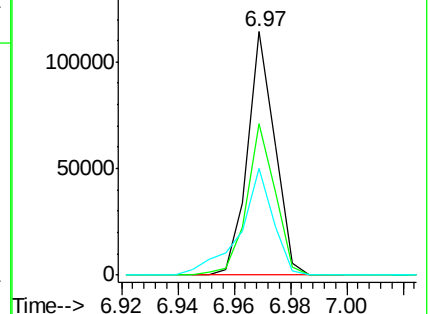
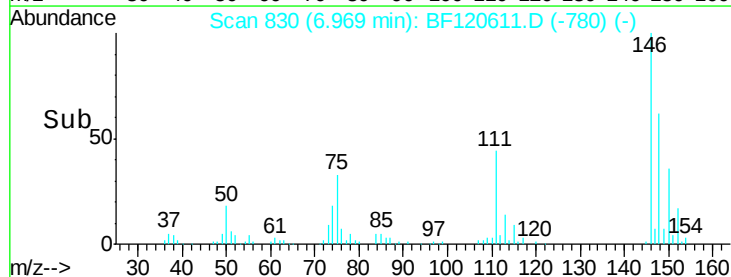
111 43.6 33.6 50.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 9.584 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

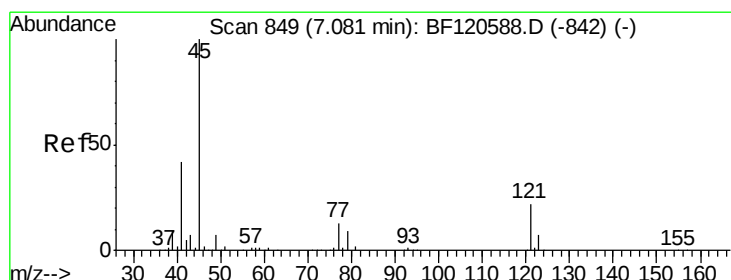
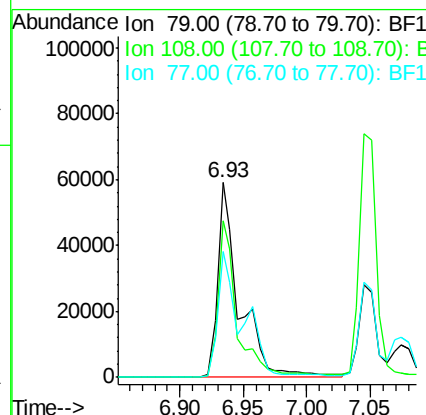
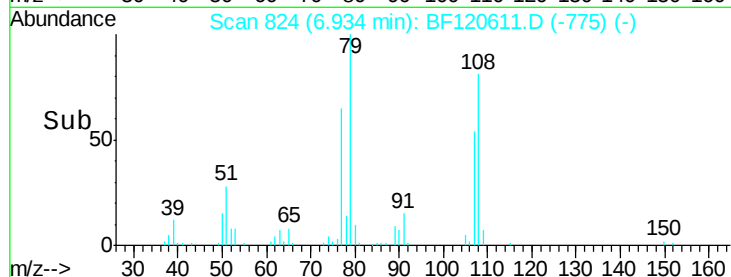
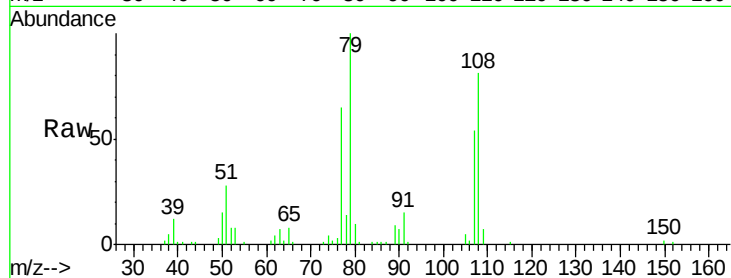
Tot Ion: 79 Resp: 71840

Ion Ratio Lower Upper

79 100

108 80.6 66.8 100.2

77 64.5 50.6 76.0



#16

2,2'-oxybis(1-chloropropane)

Concen: 7.876 ng

RT: 7.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

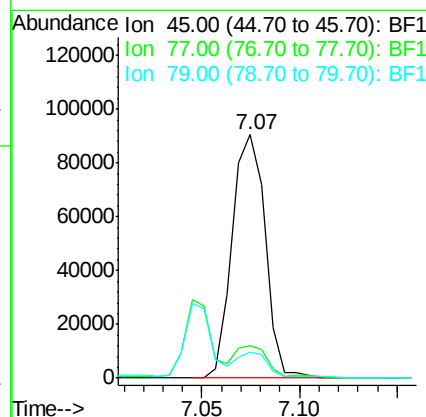
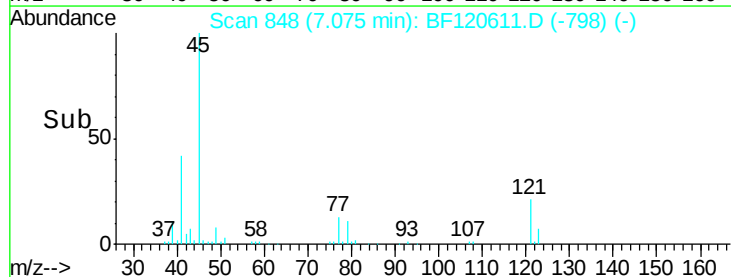
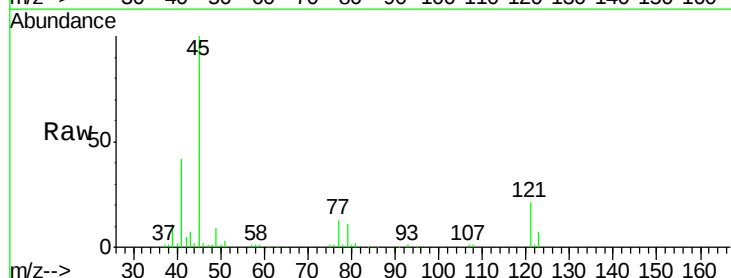
Tgt Ion: 45 Resp: 106523

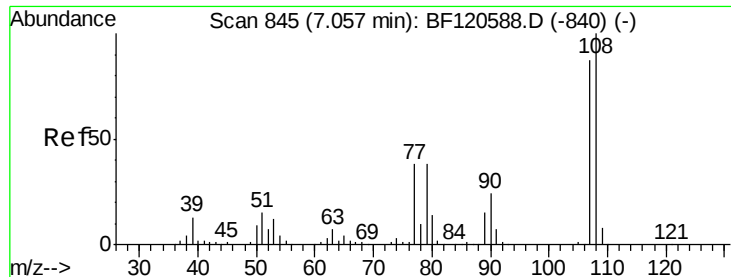
Ion Ratio Lower Upper

45 100

77 13.3 0.0 34.2

79 10.8 0.0 30.9





#17

2-Methylphenol

Concen: 7.386 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:107 Resp: 60414

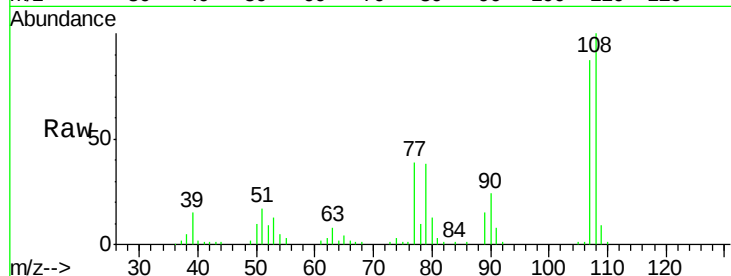
Ion Ratio Lower Upper

107 100

108 114.7 91.9 137.9

77 45.1 35.4 53.2

79 43.5 34.8 52.2

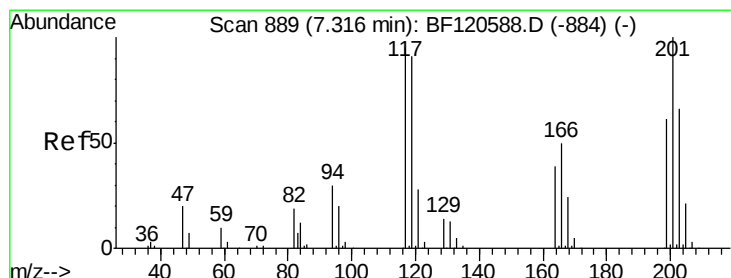
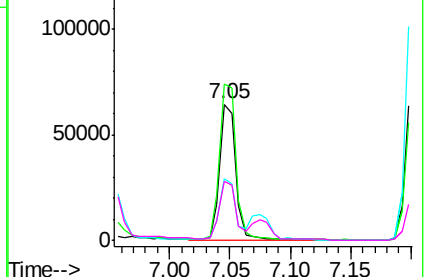
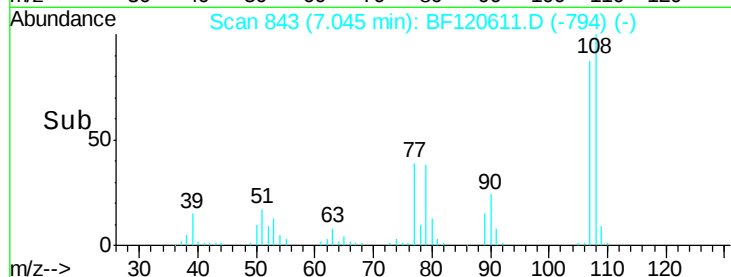


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 7.932 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

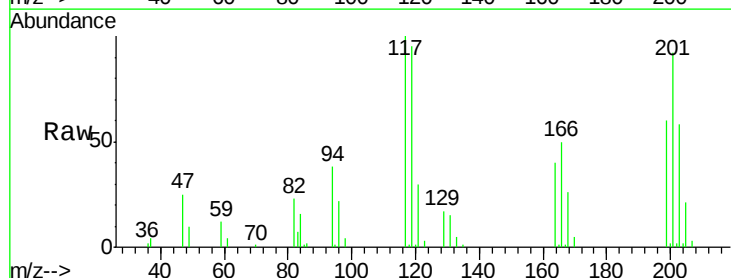
Tgt Ion:117 Resp: 29399

Ion Ratio Lower Upper

117 100

119 95.2 76.9 115.3

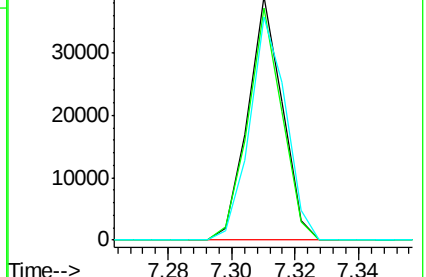
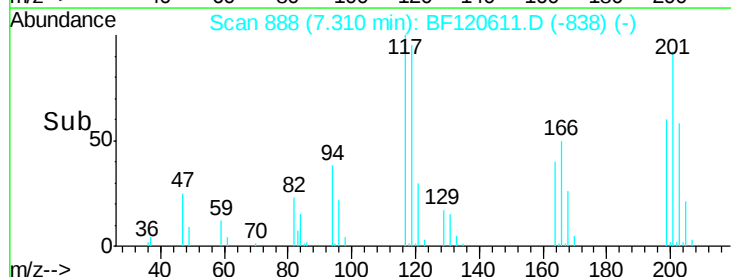
201 91.6 84.6 127.0

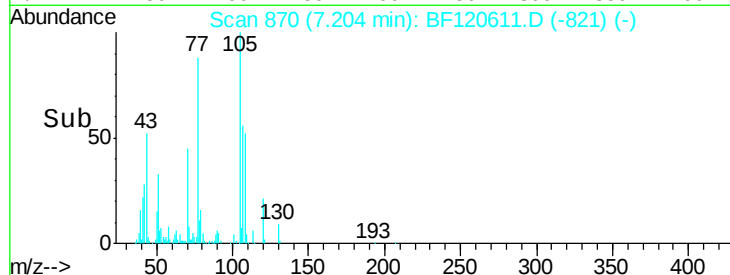
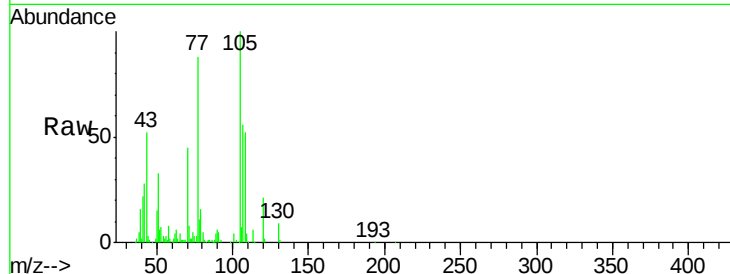
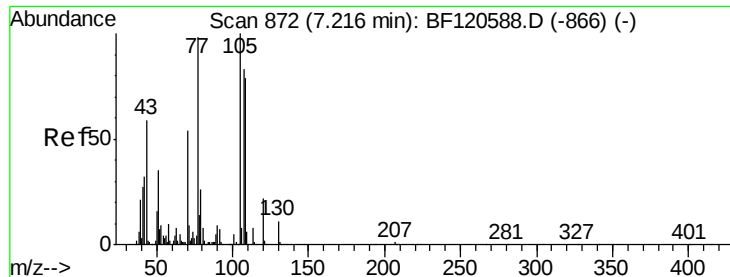


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

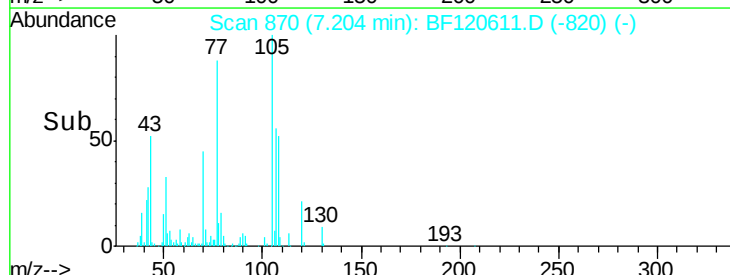
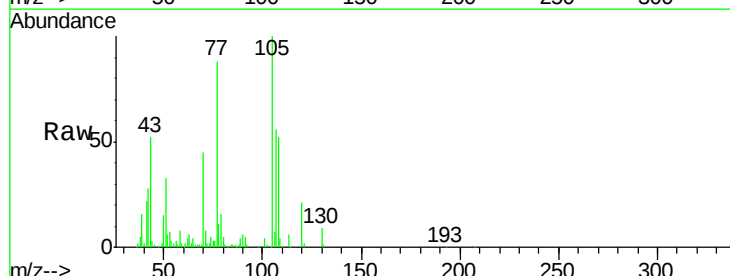
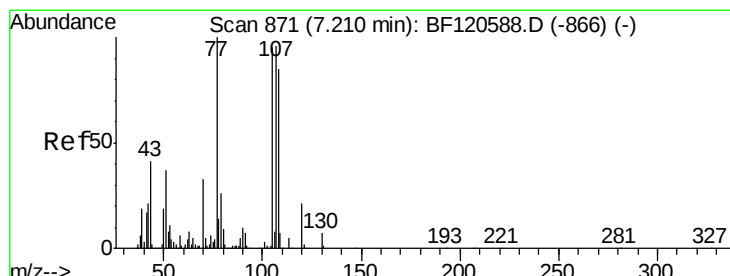
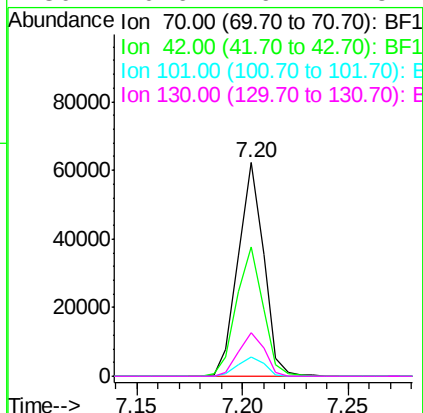




#19
n-Nitroso-di-n-propylamine
Concen: 8.529 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

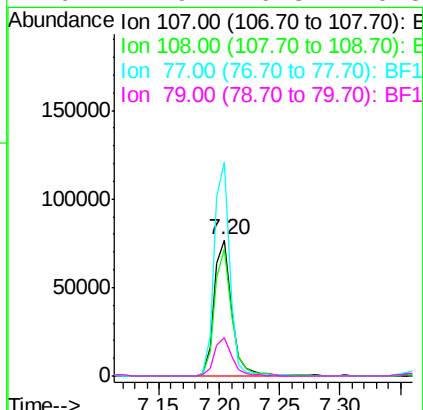
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:	70	Resp:	52293
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.7	71.5
101	9.2	7.6	11.4
130	20.6	16.7	25.1



#20
3+4-Methylphenols
Concen: 7.561 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:	107	Resp:	77276
Ion	Ratio	Lower	Upper
107	100		
108	93.3	68.7	108.7
77	157.2	84.2	124.2#
79	27.9	6.8	46.8

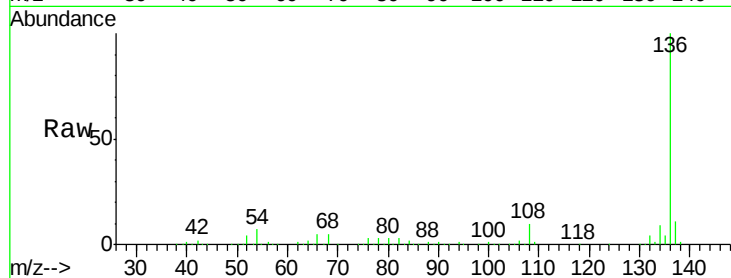




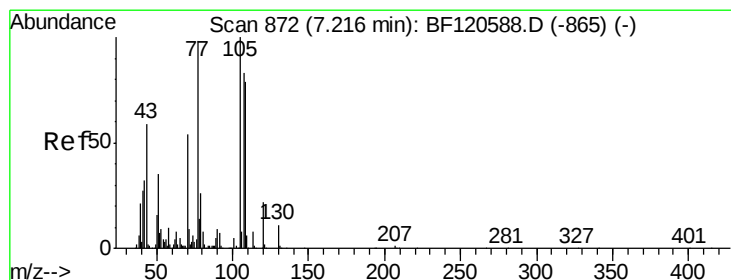
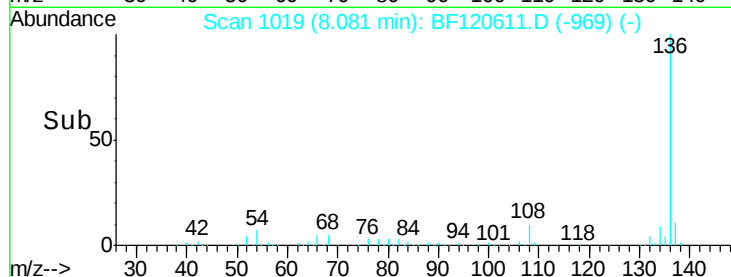
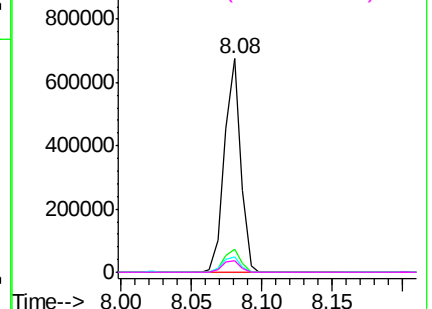
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:136	Resp:	538164
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.6 13.0
54	7.4	5.8 8.6
68	5.4	4.4 6.6

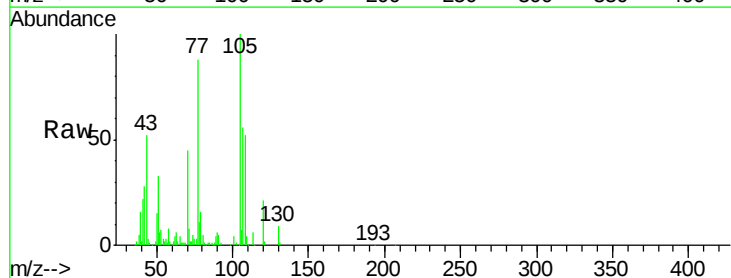


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

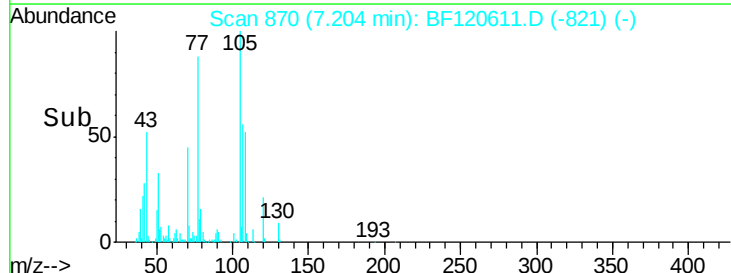
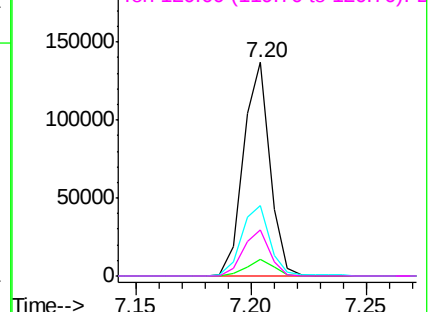


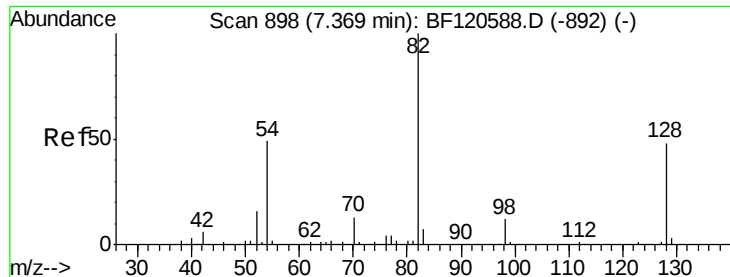
#22
Acetophenone
Concen: 9.082 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:105	Resp:	109275
Ion Ratio	Lower	Upper
105	100	
71	7.8	7.2 10.8
51	33.1	27.8 41.8
120	21.5	18.0 27.0



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

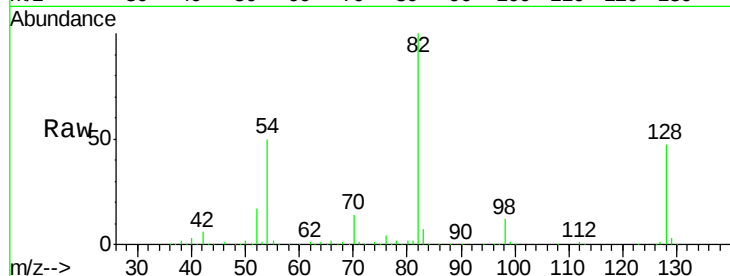




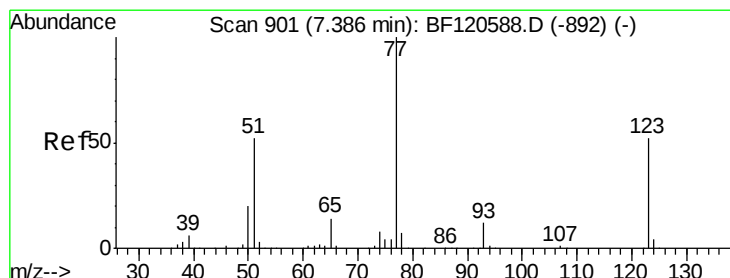
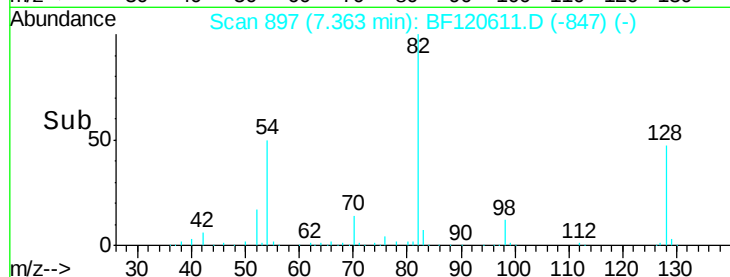
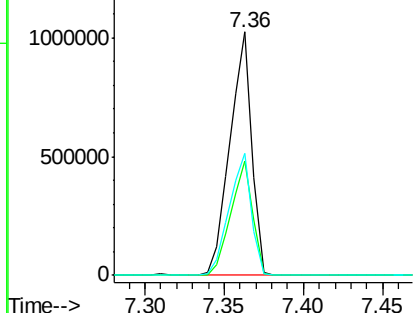
#23
Nitrobenzene-d5
Concen: 101.625 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion: 82 Resp: 978433
Ion Ratio Lower Upper
82 100
128 47.0 38.0 57.0
54 49.9 38.8 58.2

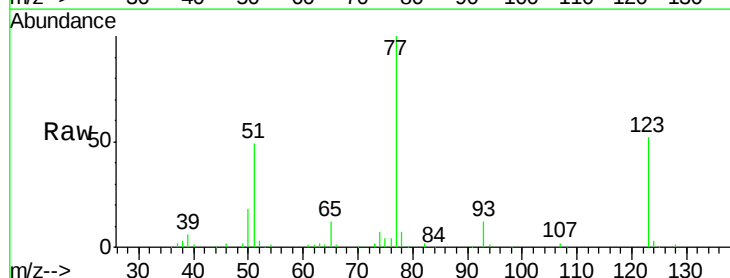


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

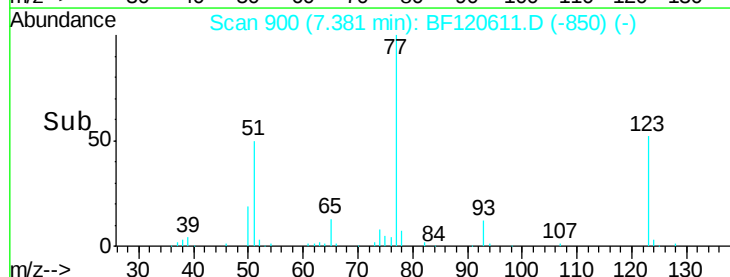
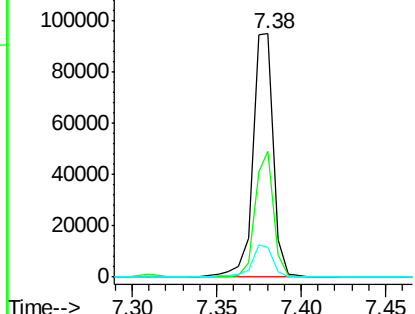


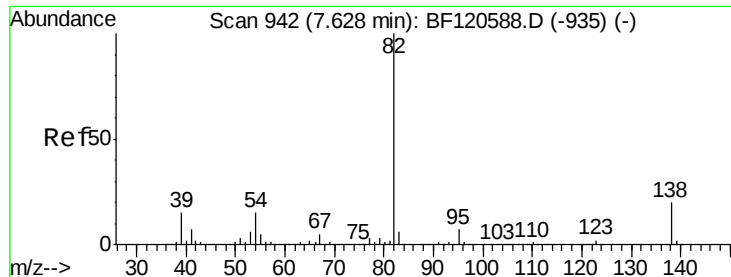
#24
Nitrobenzene
Concen: 8.058 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion: 77 Resp: 81187
Ion Ratio Lower Upper
77 100
123 51.6 41.4 62.0
65 12.4 11.0 16.4



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





#25

Isophorone

Concen: 7.619 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

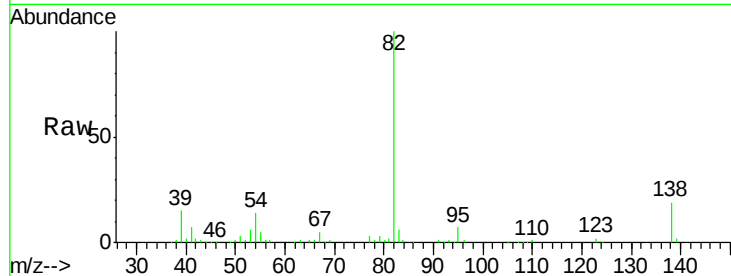
Tot Ion: 82 Resp: 142894

Ion Ratio Lower Upper

82 100

95 7.0 5.7 8.5

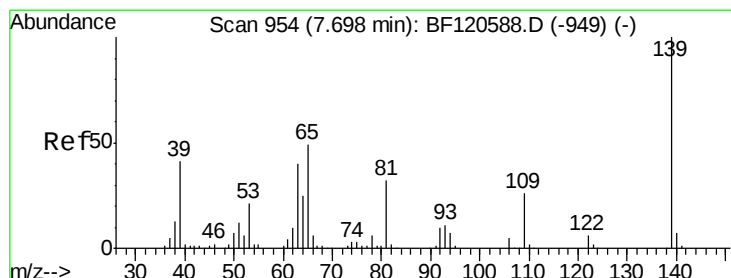
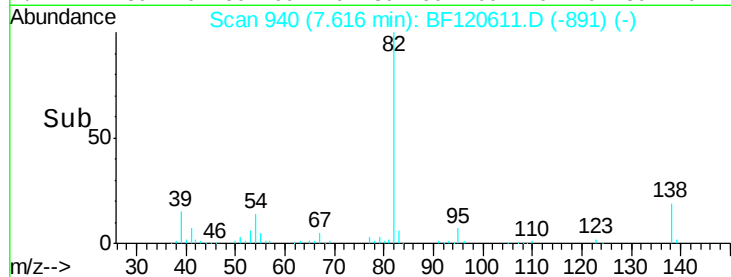
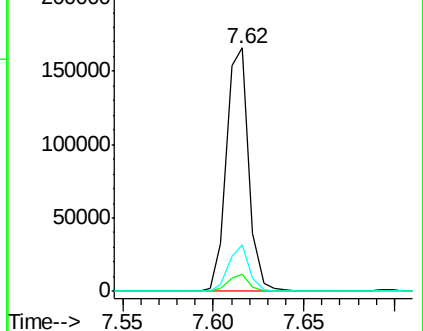
138 19.2 16.2 24.4



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 6.856 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

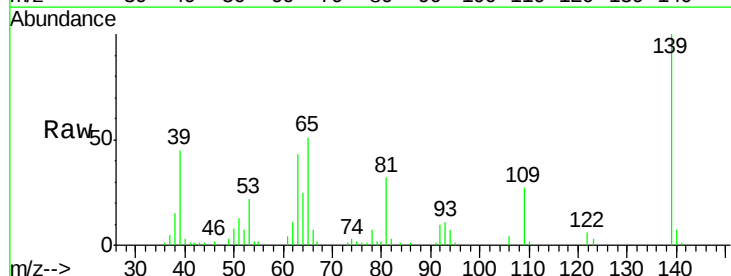
Tgt Ion: 139 Resp: 36542

Ion Ratio Lower Upper

139 100

109 27.1 21.1 31.7

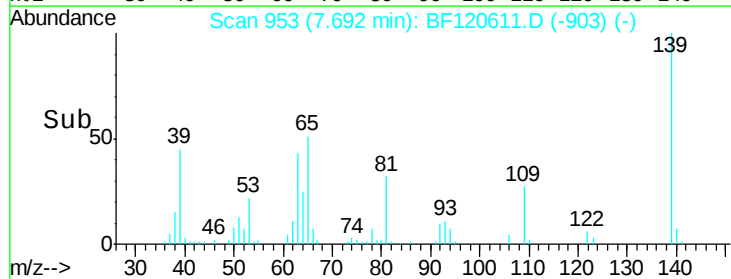
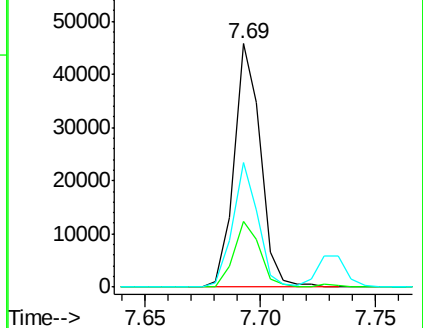
65 51.3 39.4 59.0

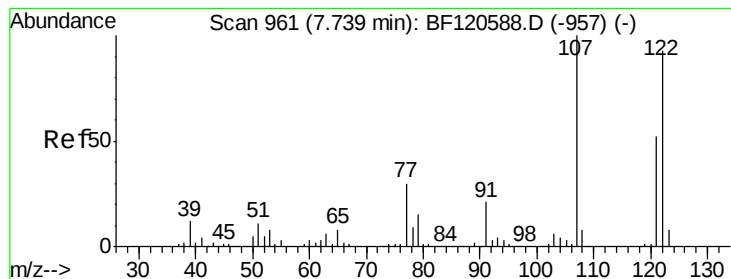


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

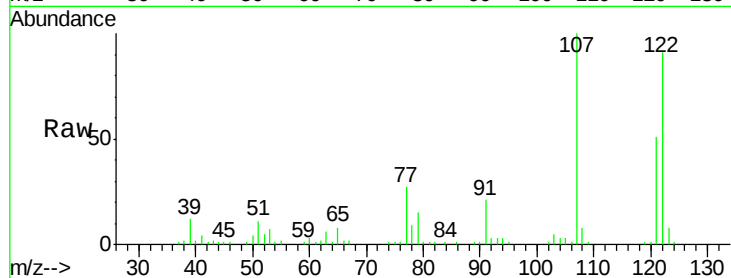




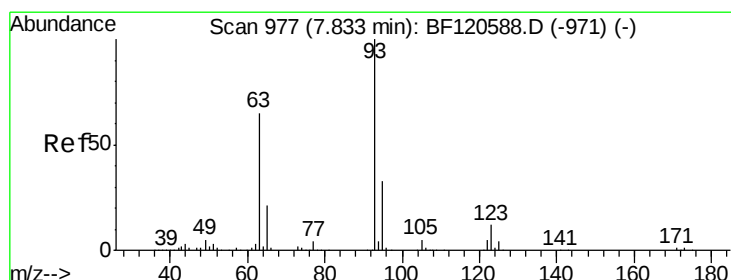
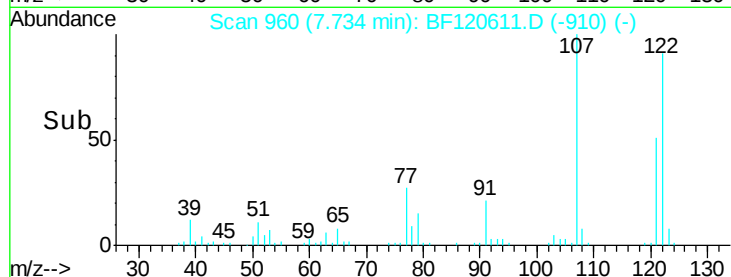
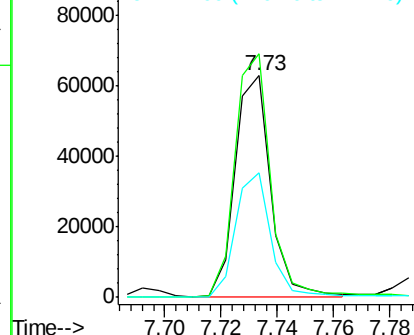
#27
 2,4-Dimethylphenol
 Concen: 7.070 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:122 Resp: 55484
 Ion Ratio Lower Upper
 122 100
 107 110.0 86.4 129.6
 121 56.1 45.2 67.8

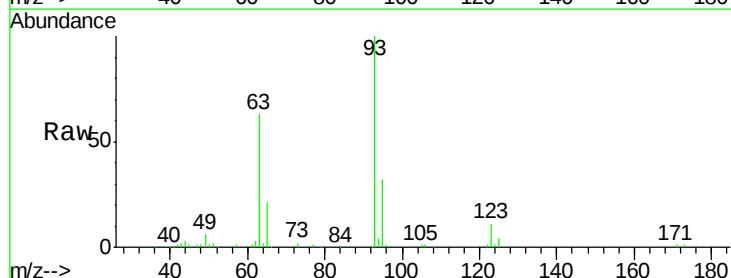


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

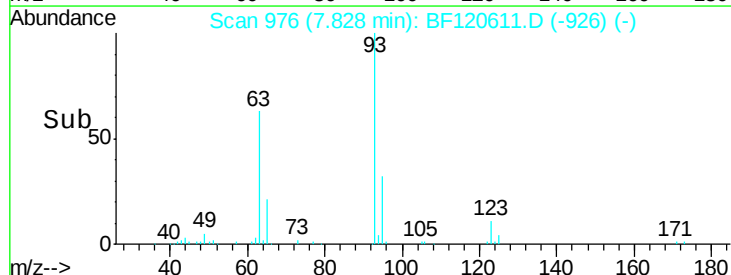
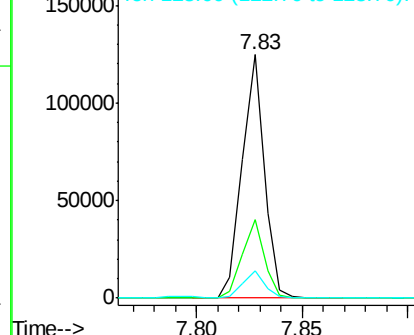


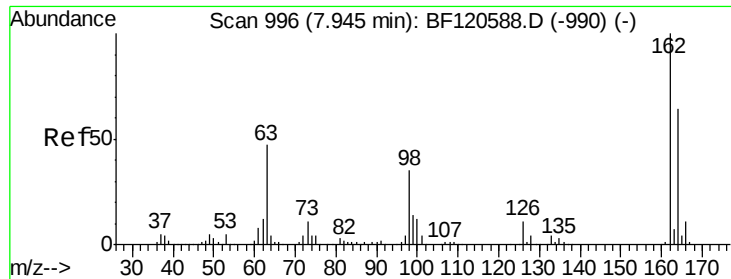
#28
 bis(2-Chloroethoxy)methane
 Concen: 8.310 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion: 93 Resp: 90339
 Ion Ratio Lower Upper
 93 100
 95 32.5 26.2 39.4
 123 11.4 9.5 14.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E

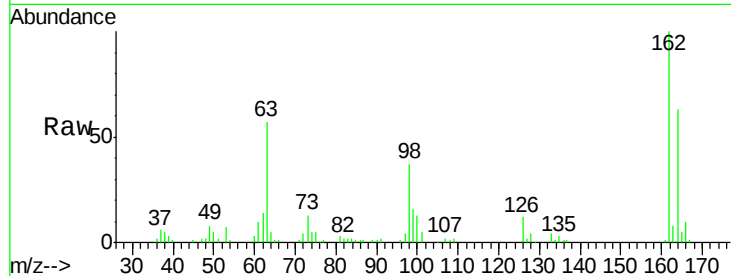




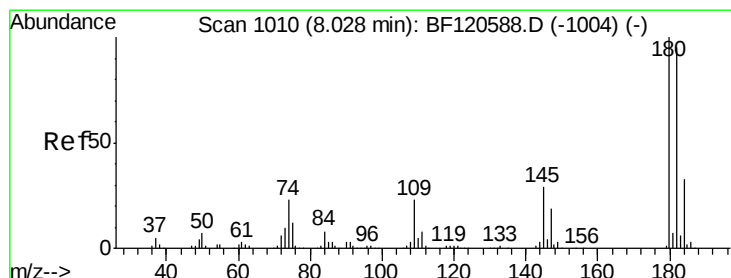
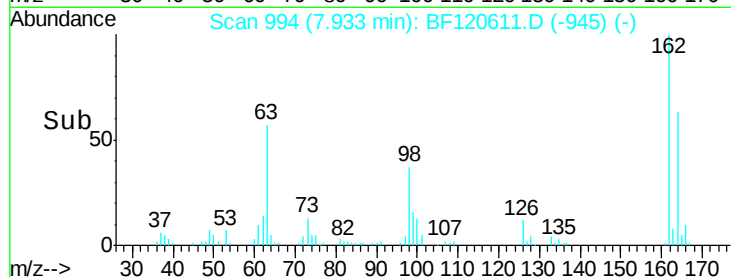
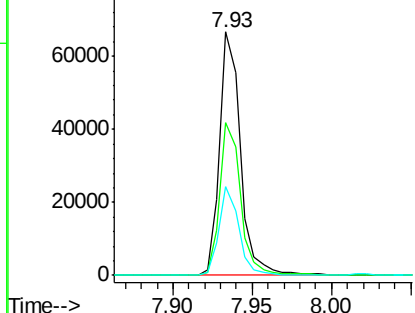
#29
 2,4-Dichlorophenol
 Concen: 7.649 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:162 Resp: 61024
 Ion Ratio Lower Upper
 162 100
 164 62.7 44.1 84.1
 98 36.5 14.7 54.7

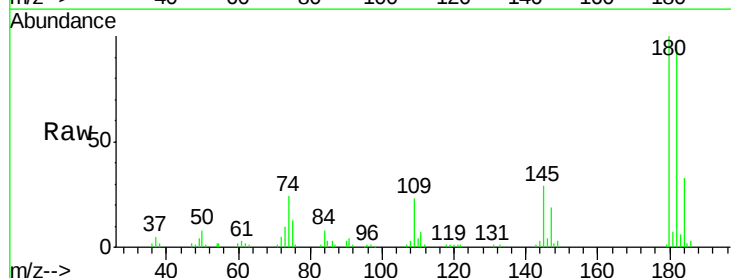


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

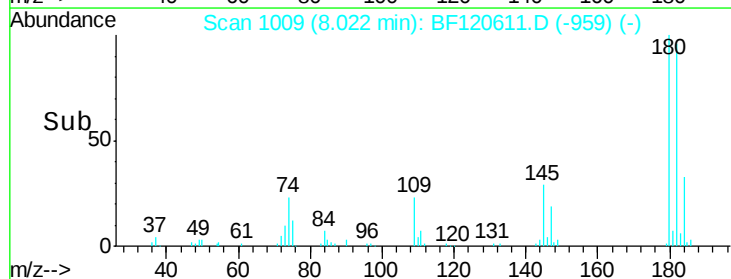
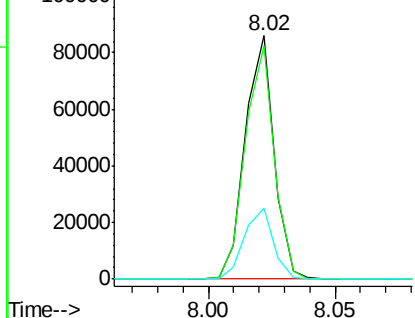


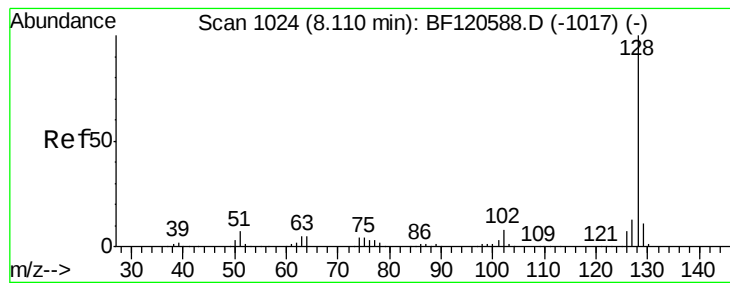
#30
 1,2,4-Trichlorobenzene
 Concen: 7.697 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:180 Resp: 68050
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.8 113.6
 145 29.3 23.0 34.6



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





#31

Naphthalene

Concen: 8.581 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

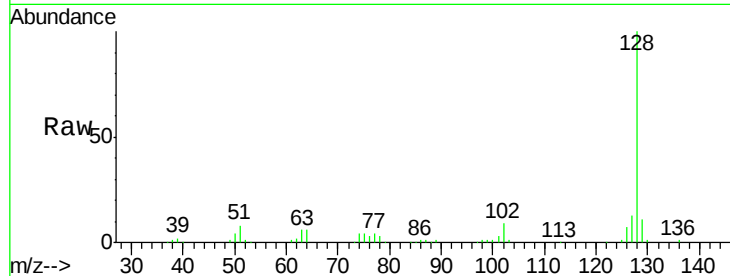
Tot Ion:128 Resp: 226755

Ion Ratio Lower Upper

128 100

129 10.7 8.8 13.2

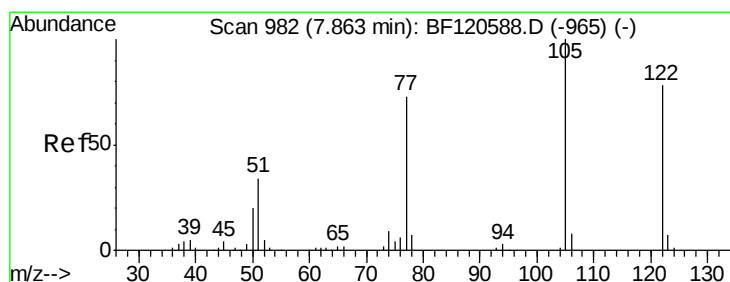
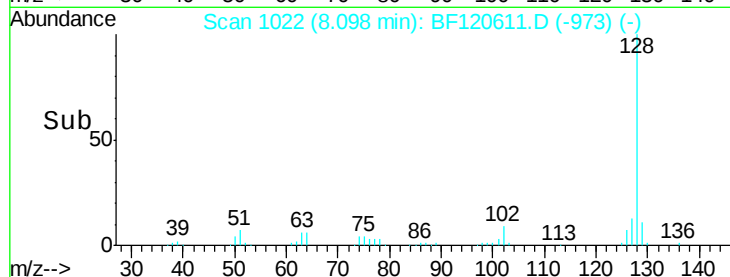
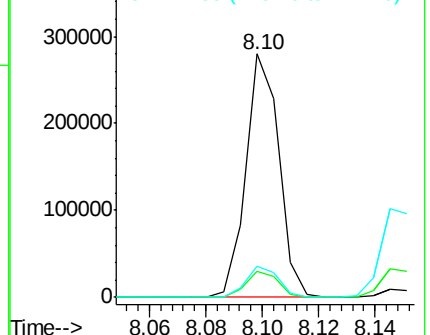
127 12.5 10.6 15.8



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.095 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

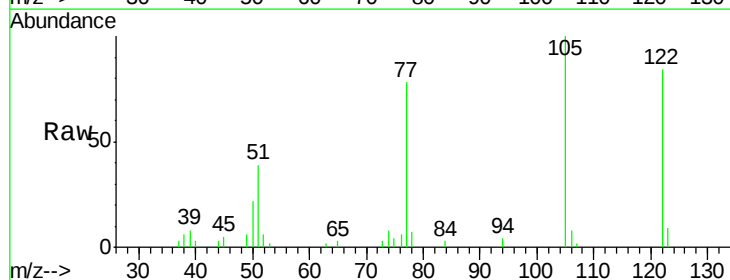
Tgt Ion:122 Resp: 18635

Ion Ratio Lower Upper

122 100

105 118.9 101.0 141.0

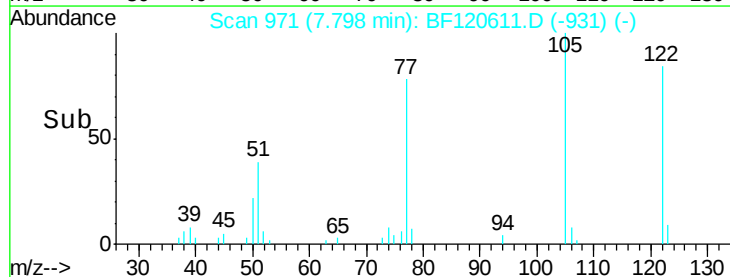
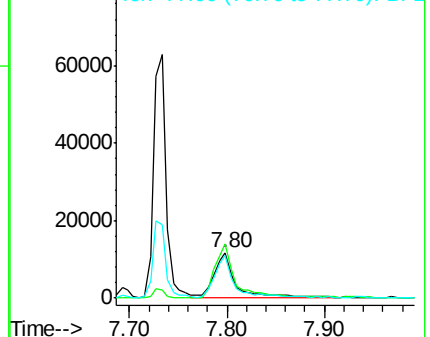
77 92.5 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

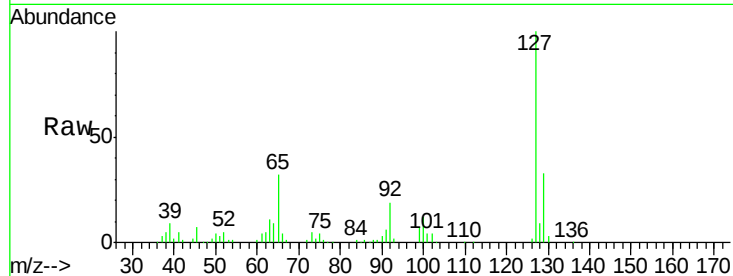




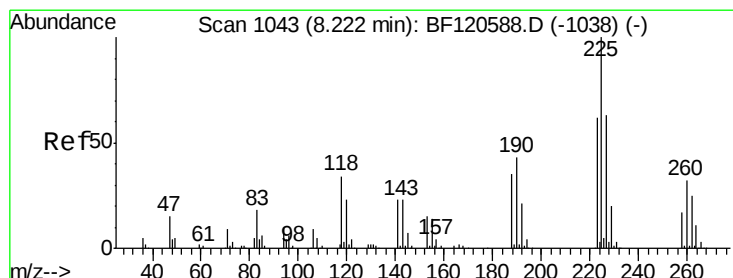
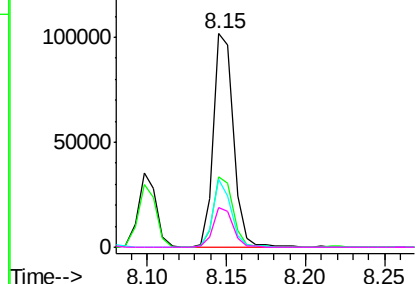
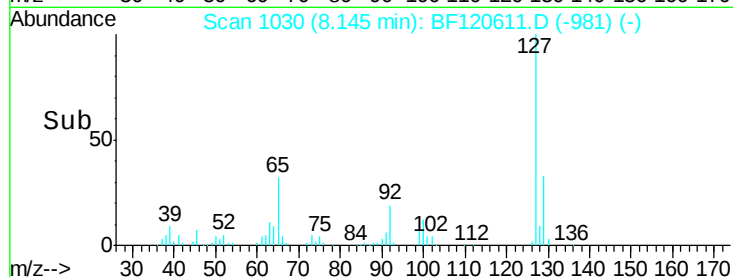
#33
4-Chloroaniline
Concen: 7.471 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:	127	Resp:	90614
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	31.7	22.2	33.4
92	18.7	14.2	21.2

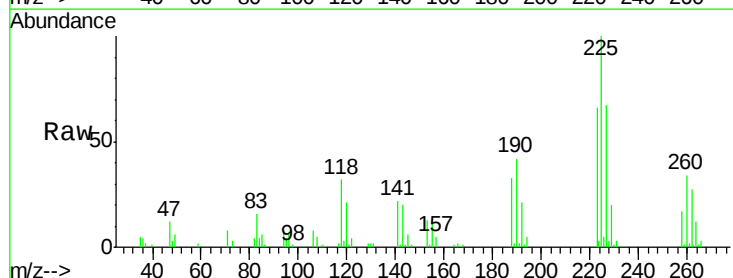


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

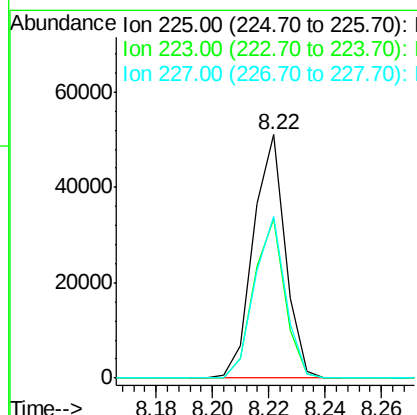
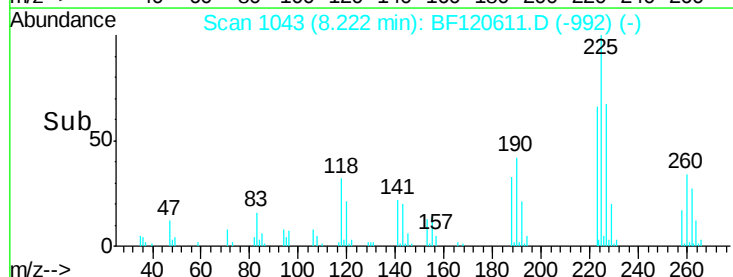


#34
Hexachlorobutadiene
Concen: 7.768 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:	225	Resp:	40031
Ion	Ratio	Lower	Upper
225	100		
223	65.5	49.9	74.9
227	66.6	50.5	75.7



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

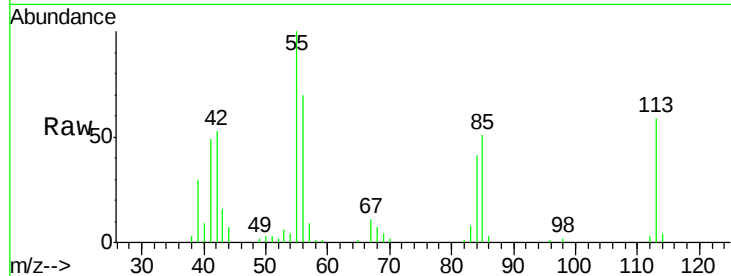




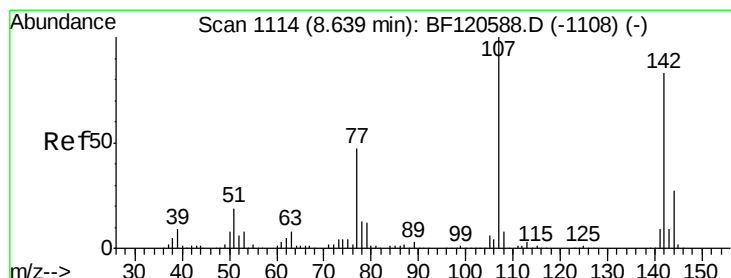
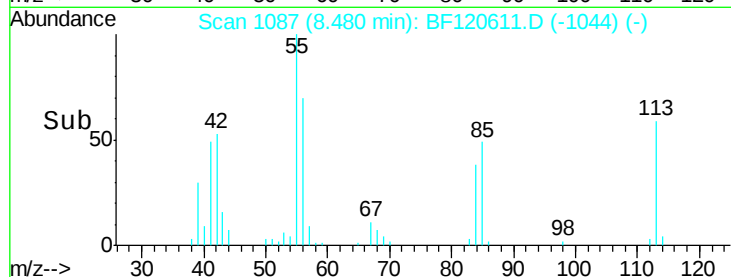
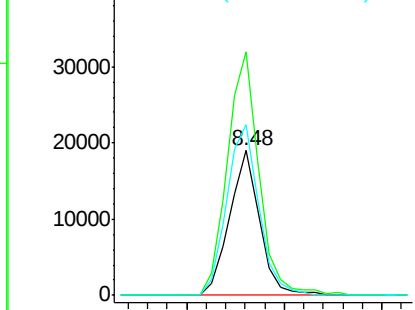
#35
Caprolactam
Concen: 7.931 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:113 Resp: 20235
Ion Ratio Lower Upper
113 100
55 168.5 133.1 173.1
56 117.9 98.4 138.4

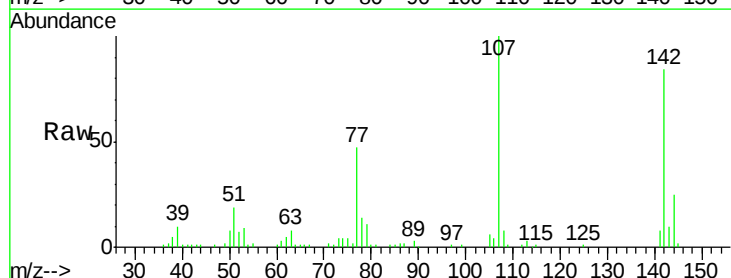


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

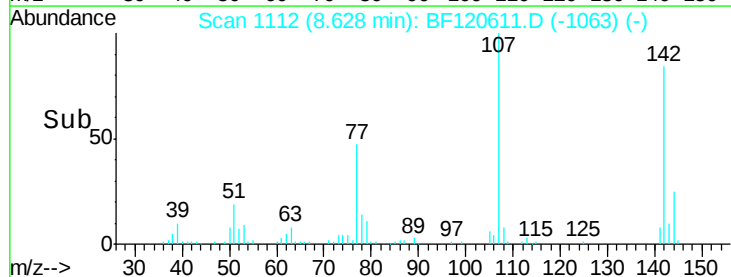
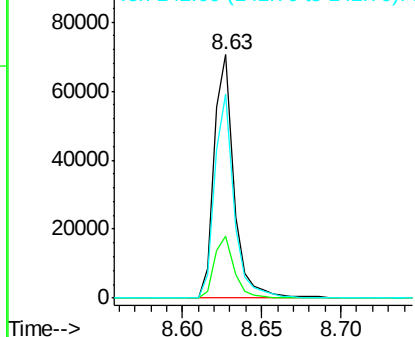


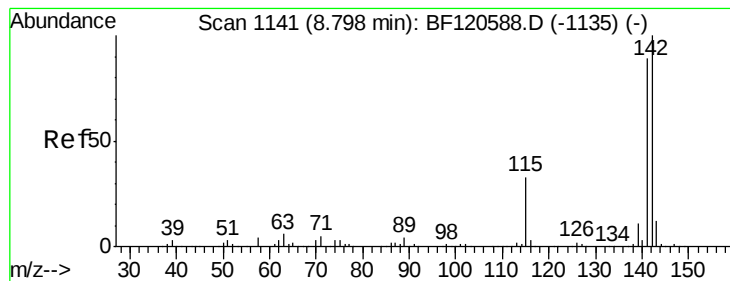
#36
4-Chloro-3-methylphenol
Concen: 7.765 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:107 Resp: 61885
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.2
142 83.9 66.3 99.5



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





#37

2-Methylnaphthalene

Concen: 8.708 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

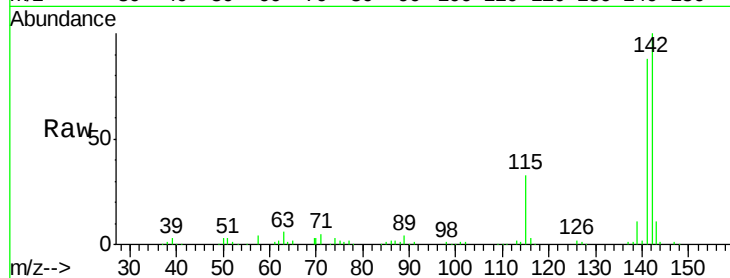
Tot Ion:142 Resp: 150221

Ion Ratio Lower Upper

142 100

141 88.2 71.4 107.0

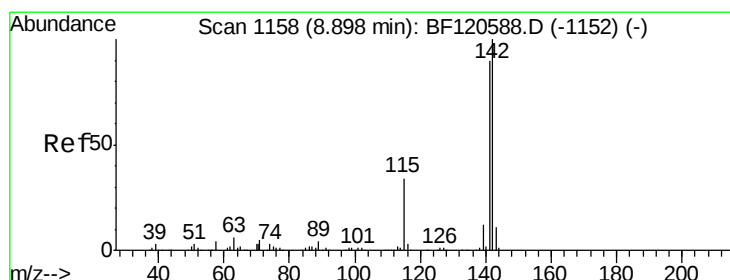
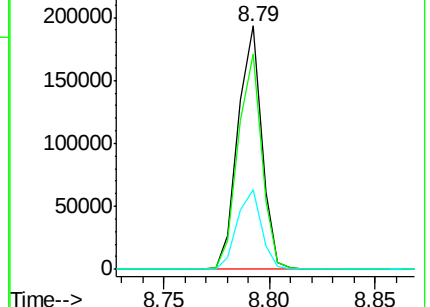
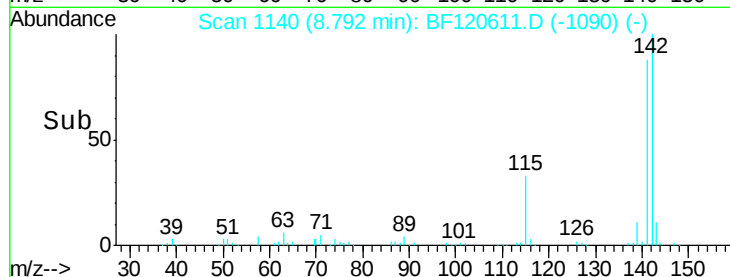
115 32.9 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 8.729 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

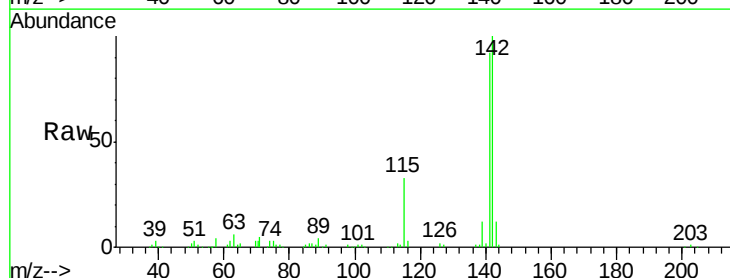
Tgt Ion:142 Resp: 141688

Ion Ratio Lower Upper

142 100

141 92.2 72.1 108.1

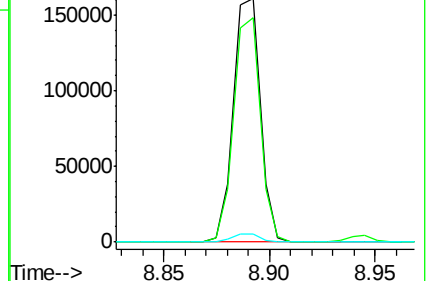
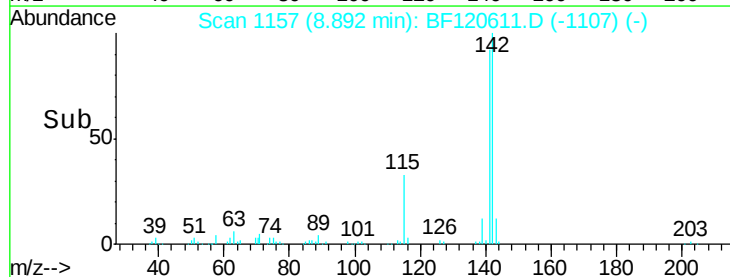
116 3.3 2.7 4.1

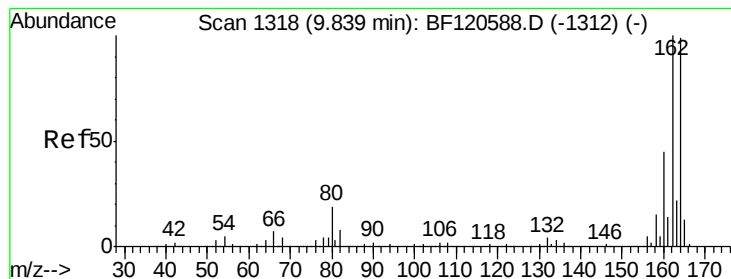


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

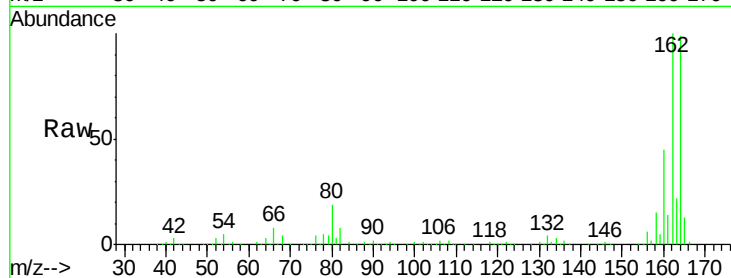
Tot Ion:164 Resp: 287207

Ion Ratio Lower Upper

164 100

162 100.8 80.6 120.8

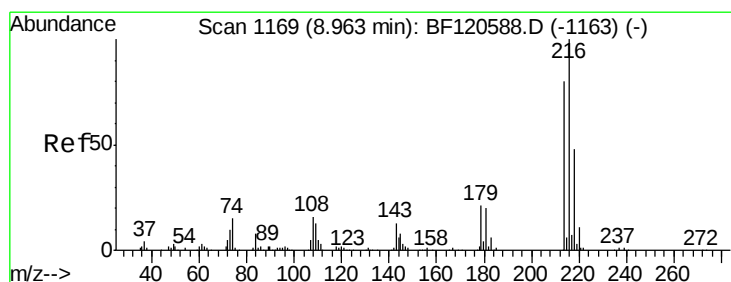
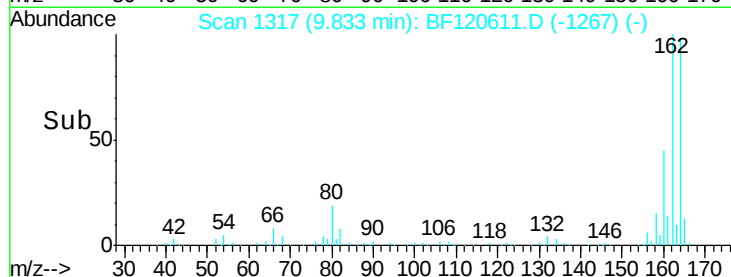
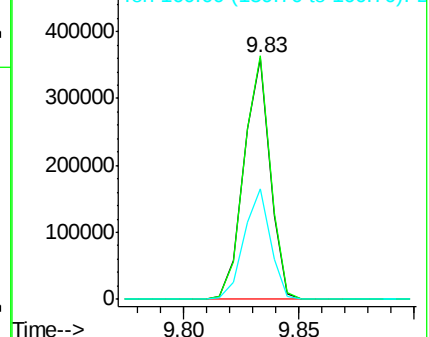
160 45.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.336 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Tgt Ion:216 Resp: 71490

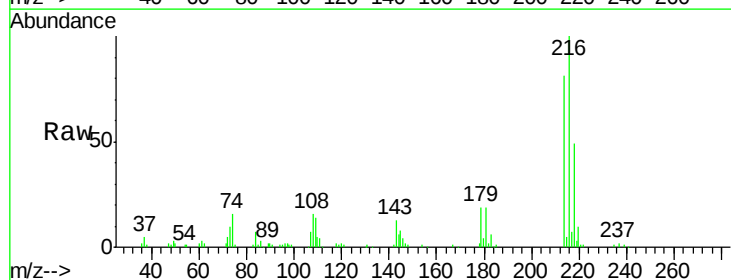
Ion Ratio Lower Upper

216 100

214 79.9 63.8 95.6

179 19.9 16.4 24.6

108 18.0 13.8 20.8

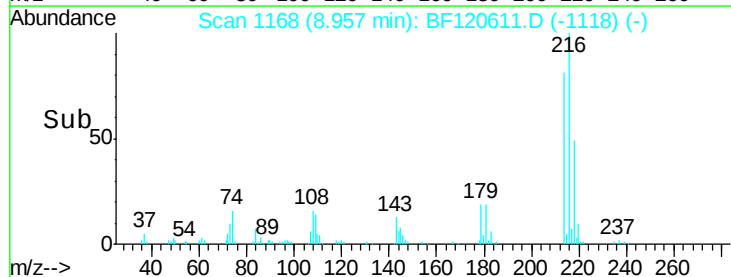
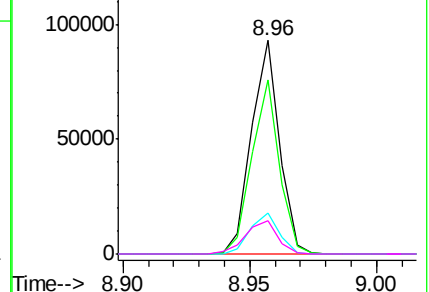


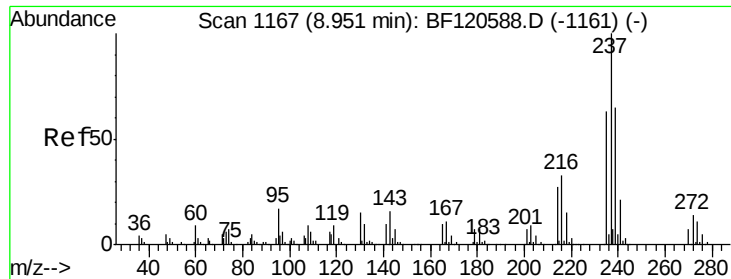
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

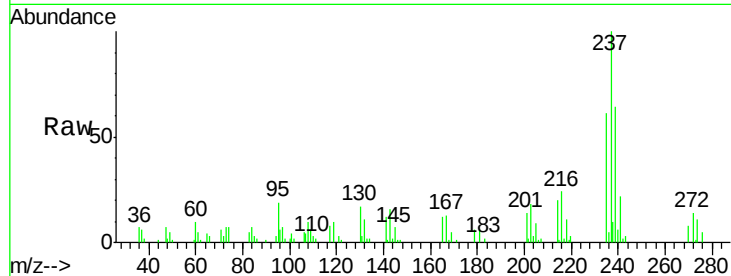




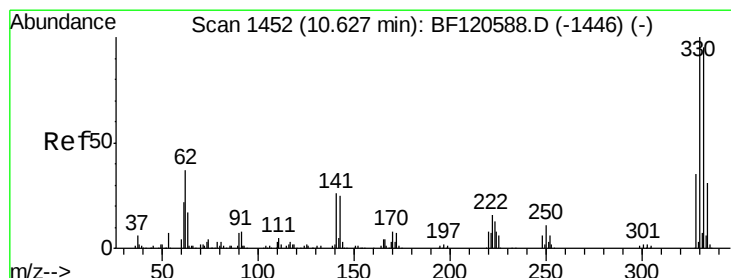
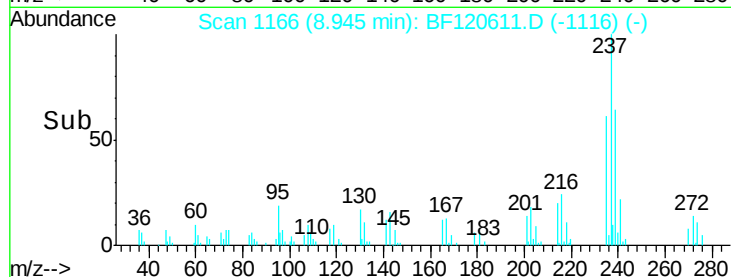
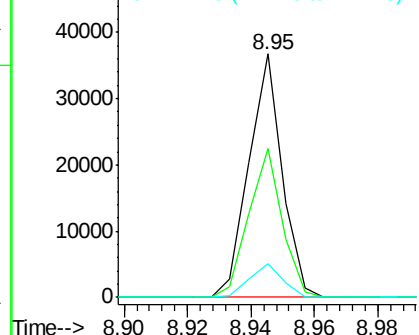
#41
Hexachlorocyclopentadiene
Concen: 5.542 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:237 Resp: 26631
Ion Ratio Lower Upper
237 100
235 61.4 43.2 83.2
272 13.7 0.0 33.9

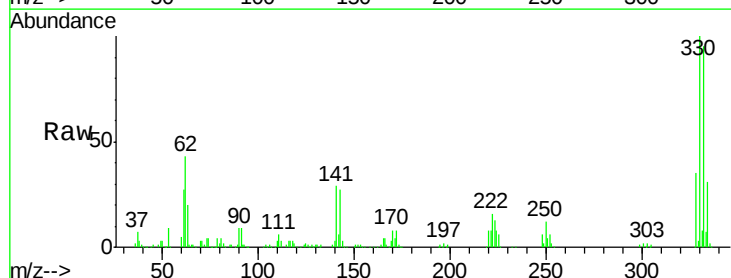


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

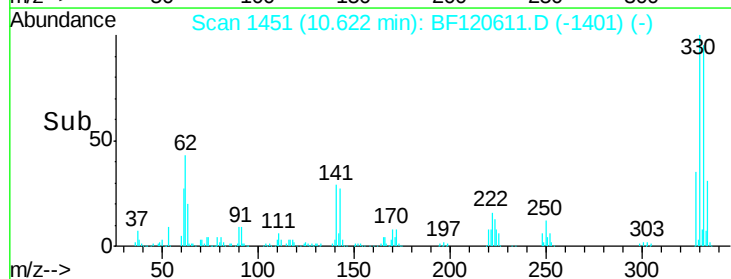
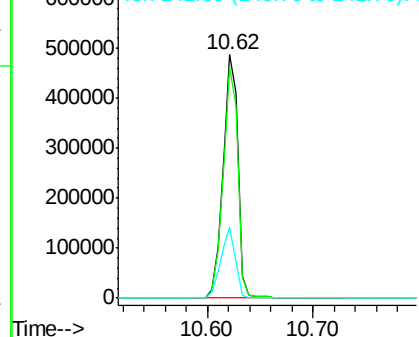


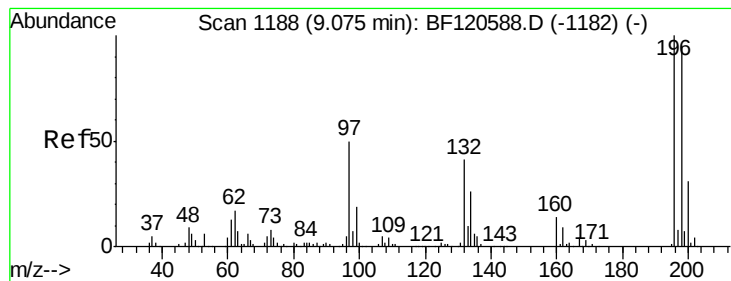
#42
2,4,6-Tribromophenol
Concen: 146.862 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:330 Resp: 490400
Ion Ratio Lower Upper
330 100
332 94.7 76.8 115.2
141 28.8 23.2 34.8



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





#43

2,4,6-Trichlorophenol

Concen: 6.968 ng

RT: 9.07 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

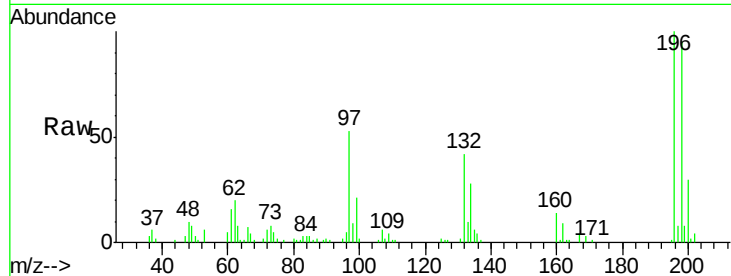
Tot Ion:196 Resp: 42391

Ion Ratio Lower Upper

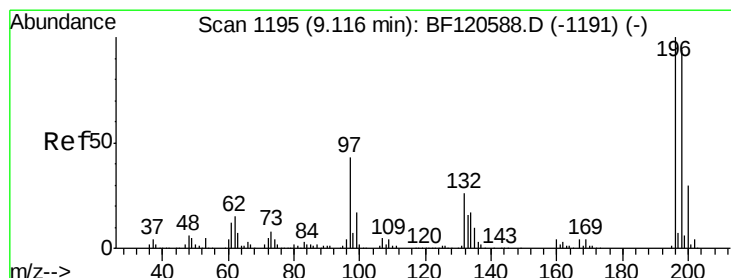
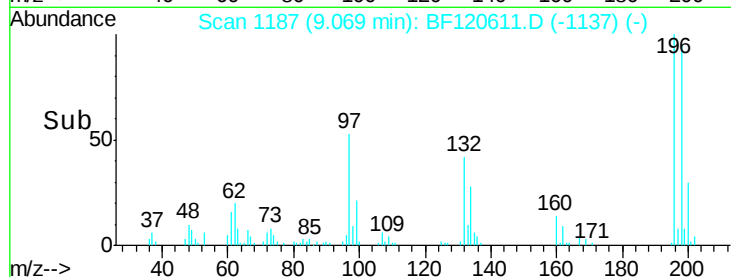
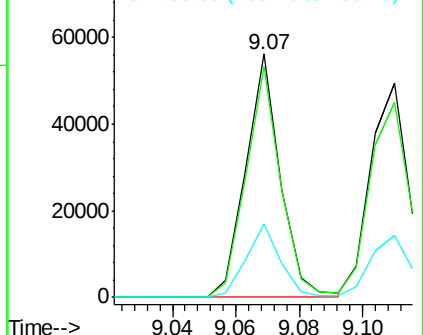
196 100

198 94.6 76.2 114.2

200 29.9 24.6 37.0



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E



#44

2,4,5-Trichlorophenol

Concen: 6.438 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Tgt Ion:196 Resp: 44434

Ion Ratio Lower Upper

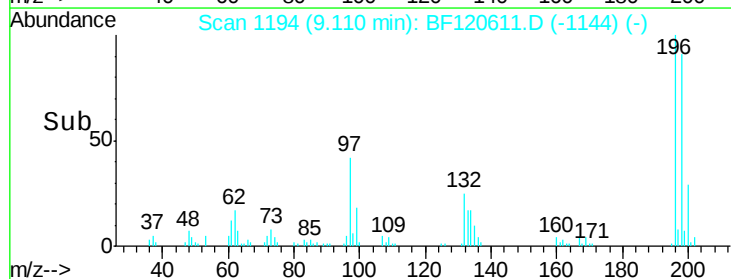
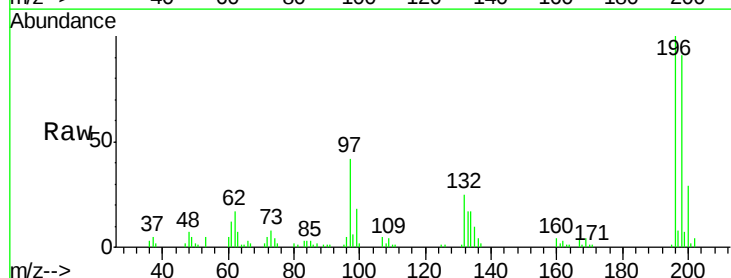
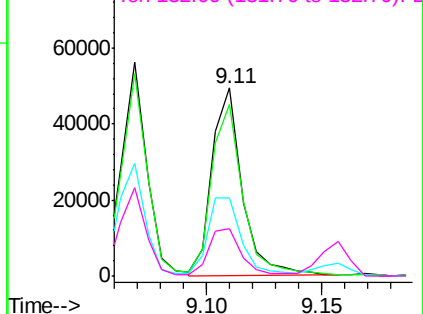
196 100

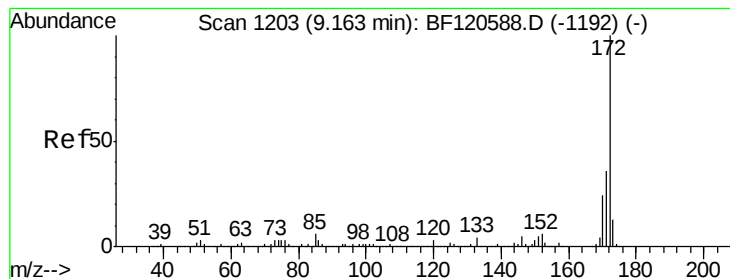
198 91.0 75.5 113.3

97 41.7 34.4 51.6

132 25.4 20.7 31.1

Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 97.00 (96.70 to 97.70): BF1
Ion 132.00 (131.70 to 132.70): E





#45

2-Fluorobiphenyl

Concen: 93.550 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

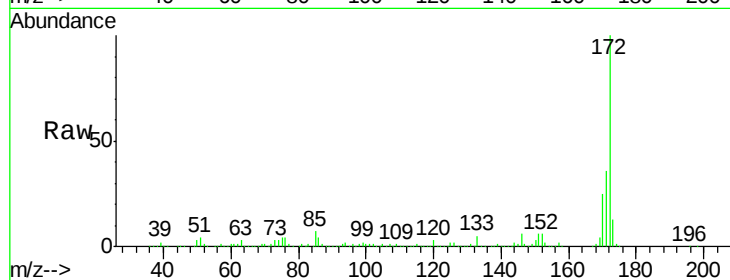
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:172 Resp: 1756100

Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.9	19.4	29.2

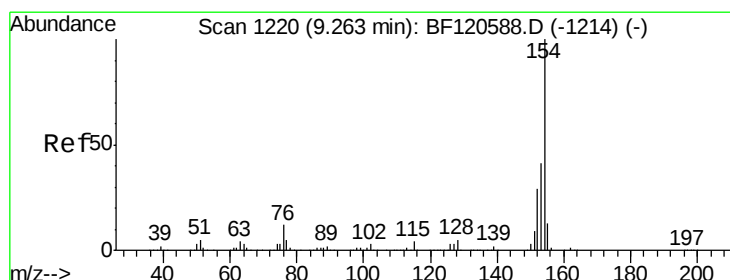
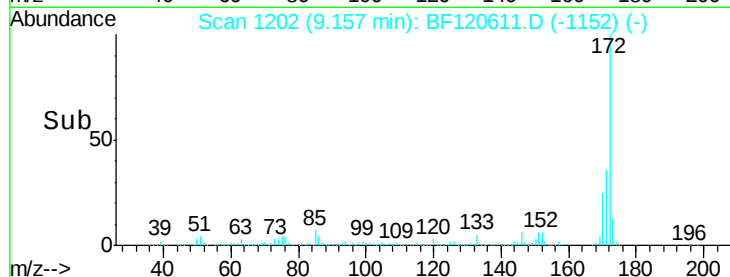
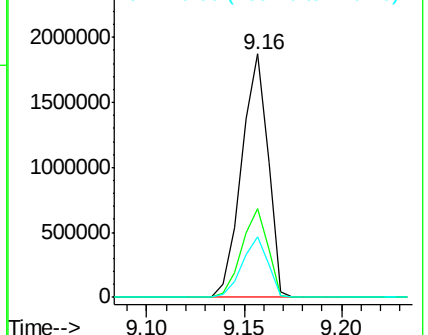


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 8.969 ng

RT: 9.25 min Scan# 1218

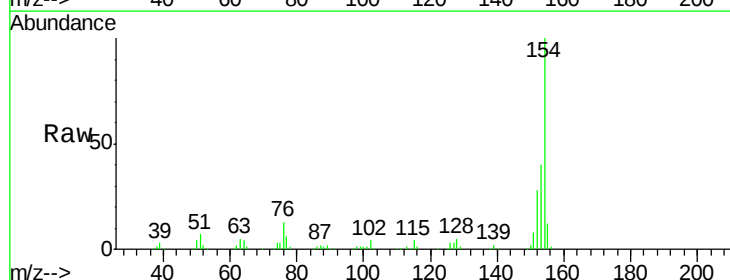
Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Tgt Ion:154 Resp: 192354

Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.4	61.4
76	13.1	0.0	31.6

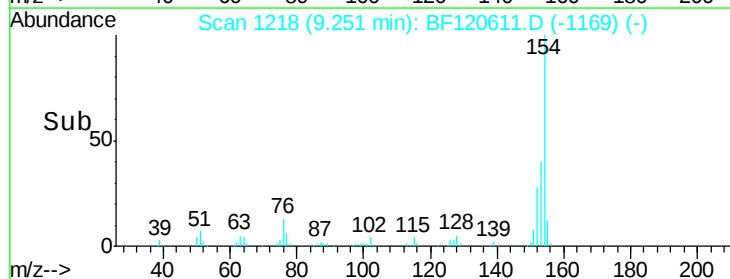
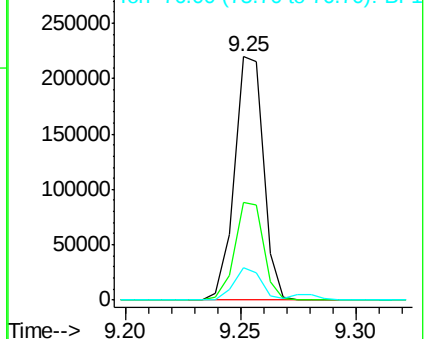


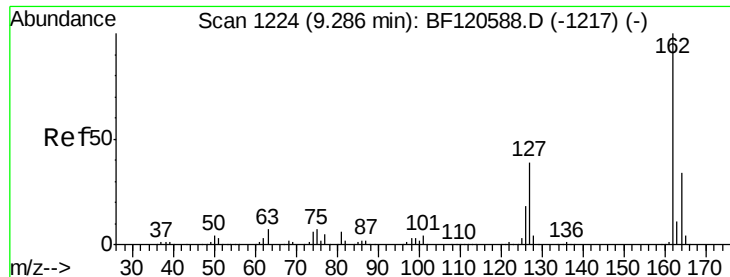
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

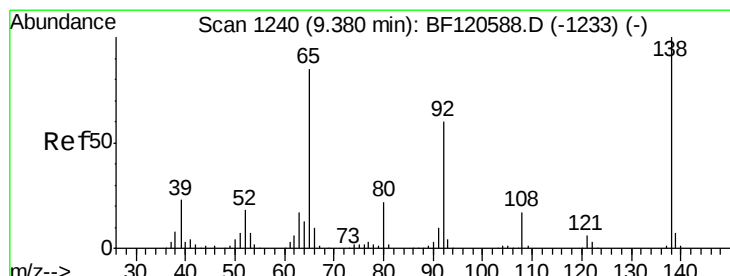
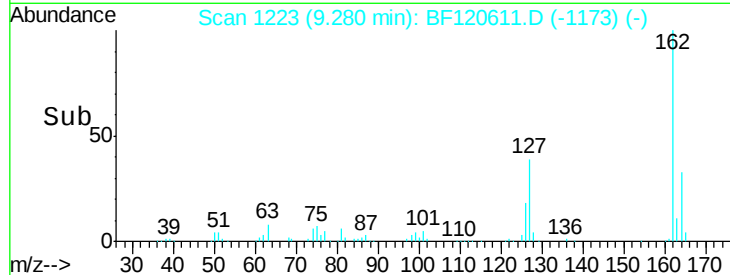
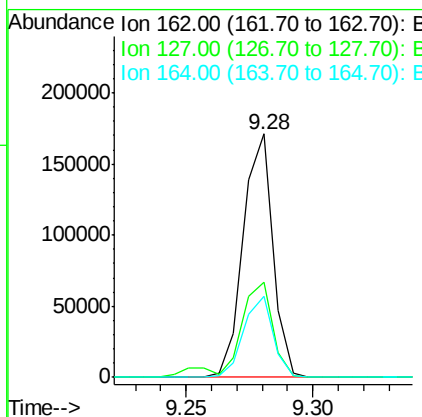
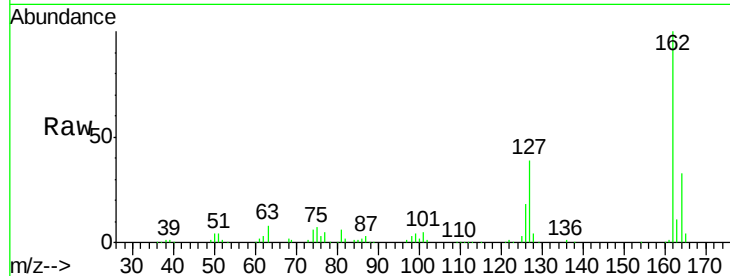




#47
 2-Chloronaphthalene
 Concen: 7.947 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

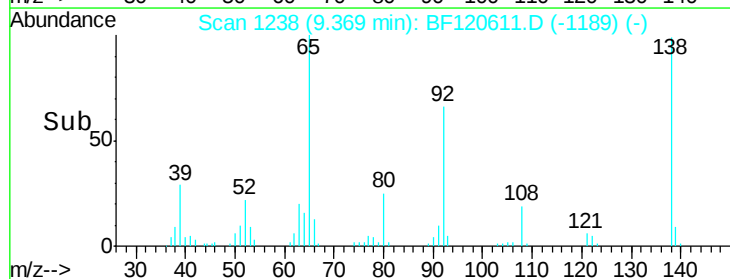
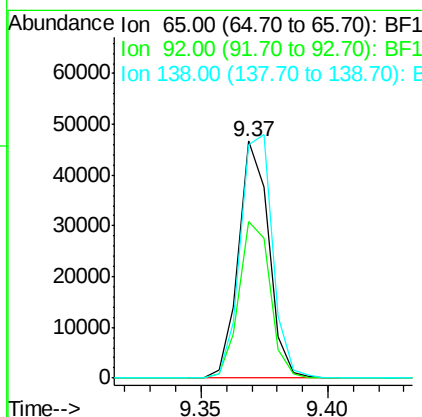
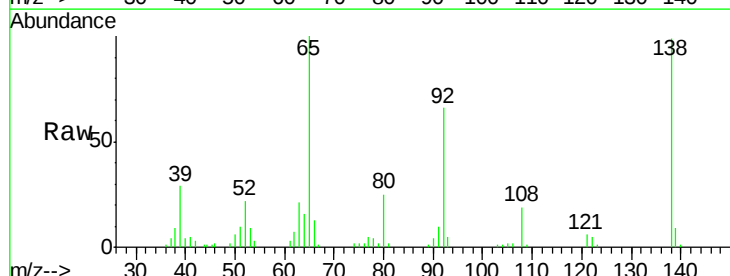
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

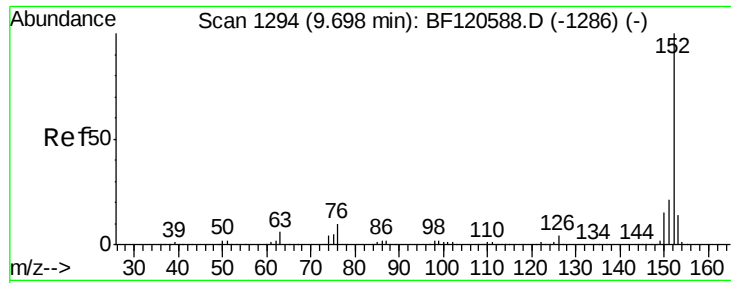
Tot Ion:162 Resp: 139369
 Ion Ratio Lower Upper
 162 100
 127 38.9 31.3 46.9
 164 33.1 26.9 40.3



#48
 2-Nitroaniline
 Concen: 7.029 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion: 65 Resp: 38715
 Ion Ratio Lower Upper
 65 100
 92 66.2 56.0 84.0
 138 98.7 94.0 141.0





#49

Acenaphthylene

Concen: 8.350 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

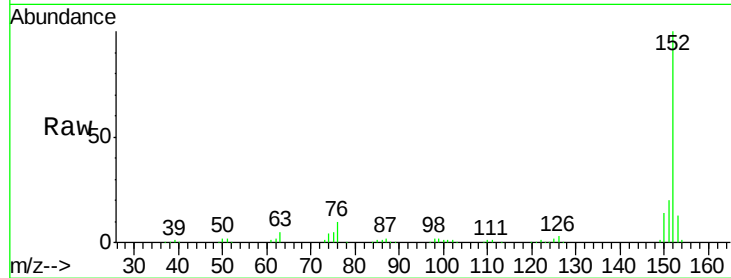
Tot Ion:152 Resp: 225998

Ion Ratio Lower Upper

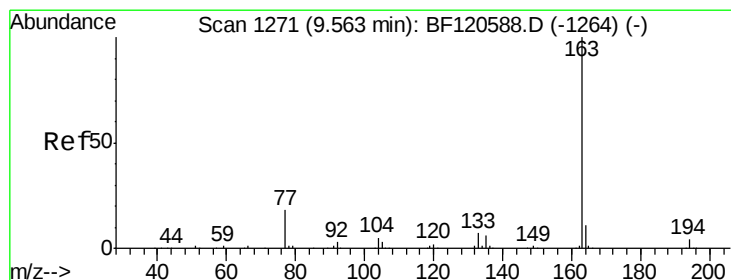
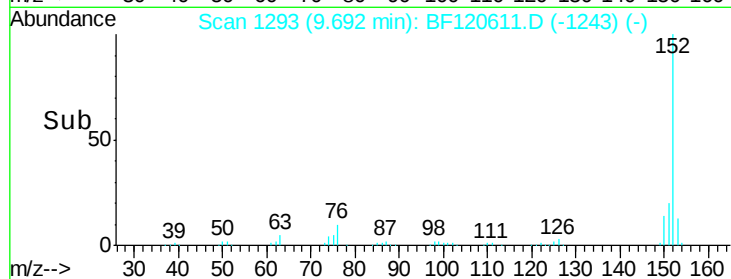
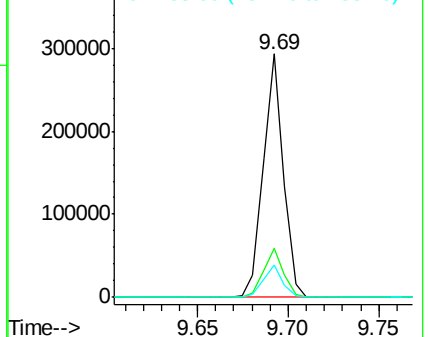
152 100

151 20.0 16.6 25.0

153 13.1 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 7.666 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

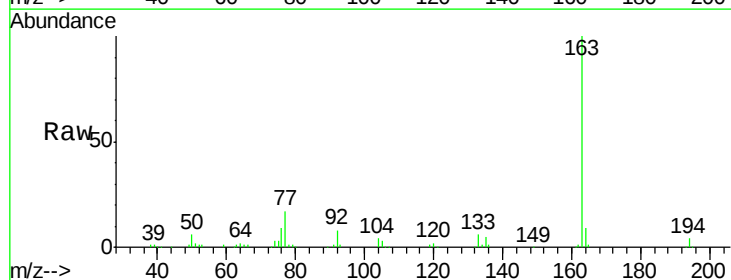
Tgt Ion:163 Resp: 158559

Ion Ratio Lower Upper

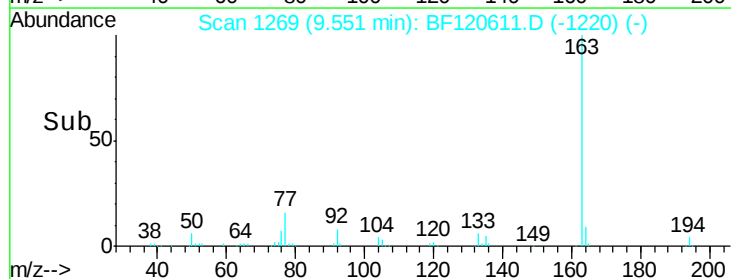
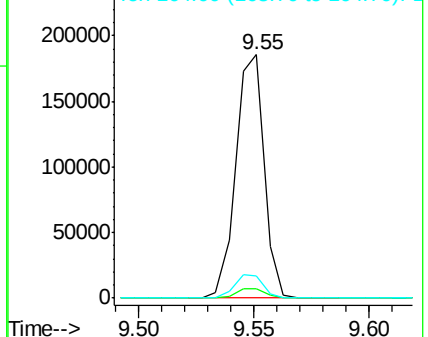
163 100

194 3.8 3.1 4.7

164 9.1 8.5 12.7



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





#51

2,6-Dinitrotoluene

Concen: 7.093 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

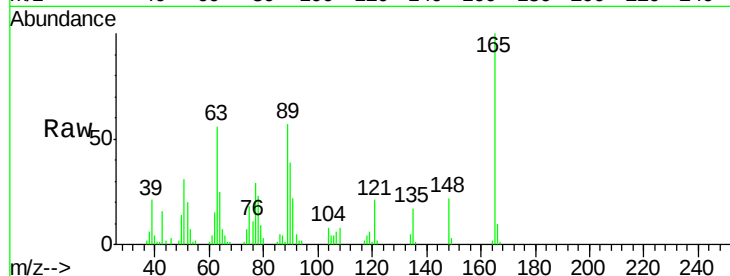
Tot Ion:165 Resp: 33248

Ion Ratio Lower Upper

165 100

63 55.8 41.7 62.5

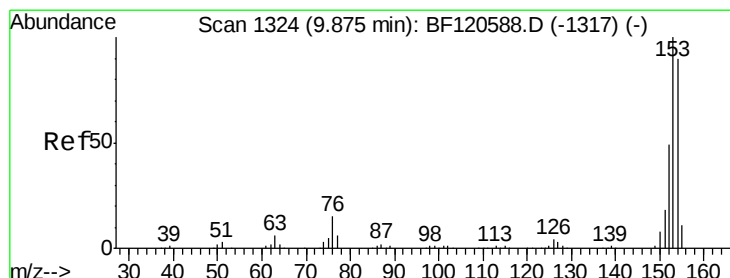
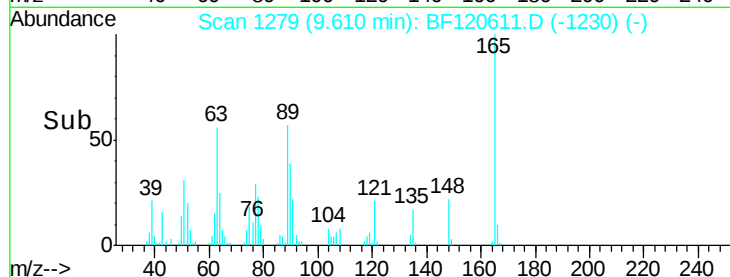
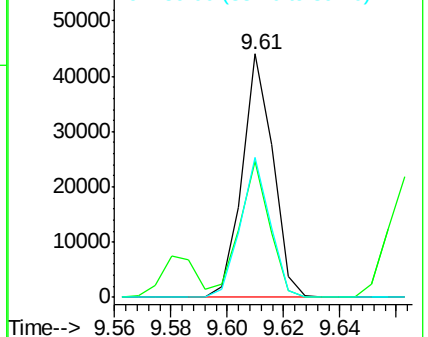
89 57.5 42.6 64.0



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 8.492 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

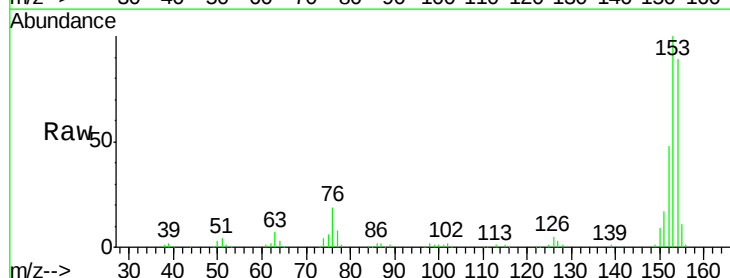
Tgt Ion:154 Resp: 137078

Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

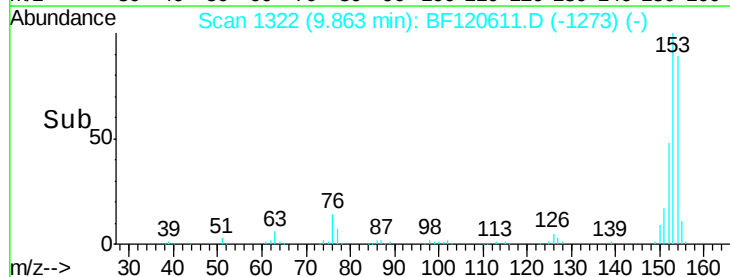
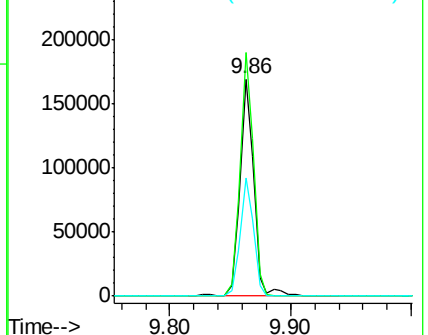
152 54.3 43.7 65.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

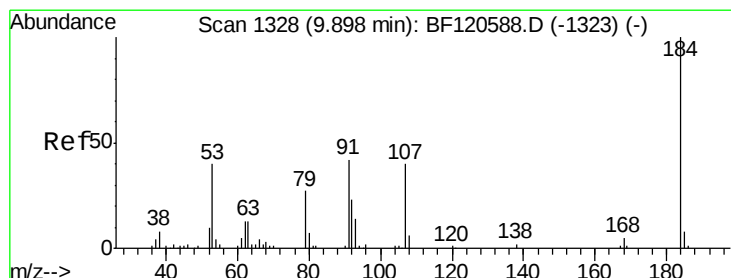
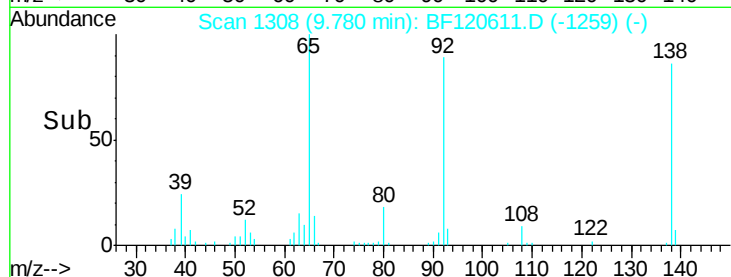
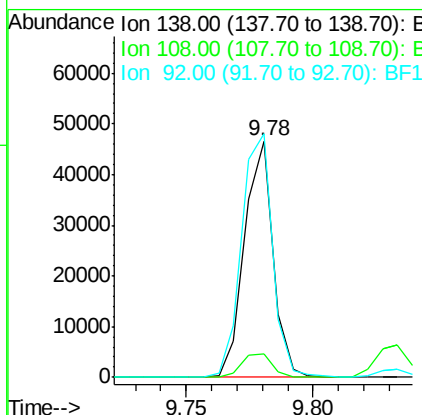
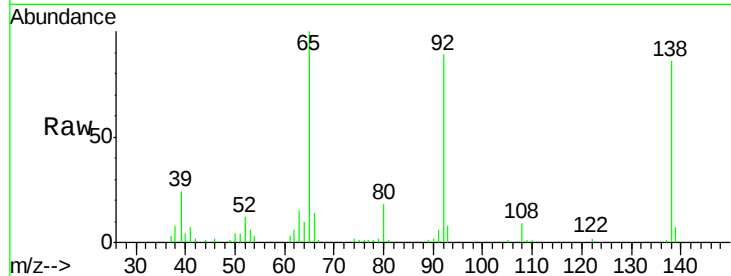




#53
3-Nitroaniline
Concen: 6.511 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

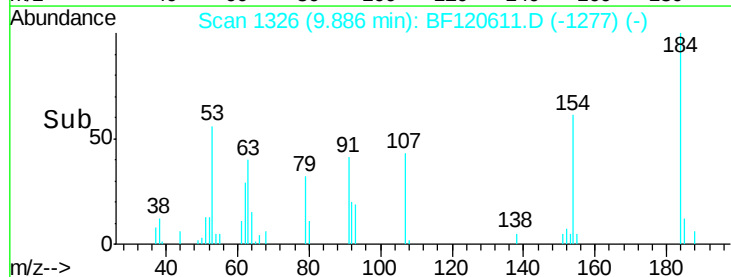
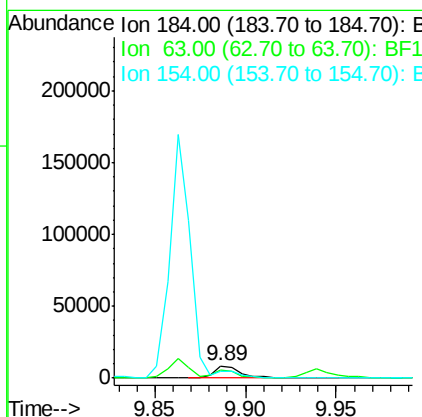
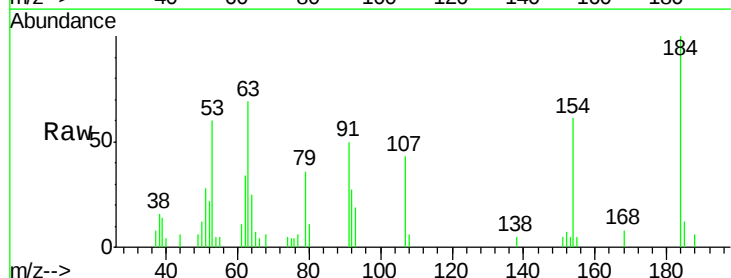
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

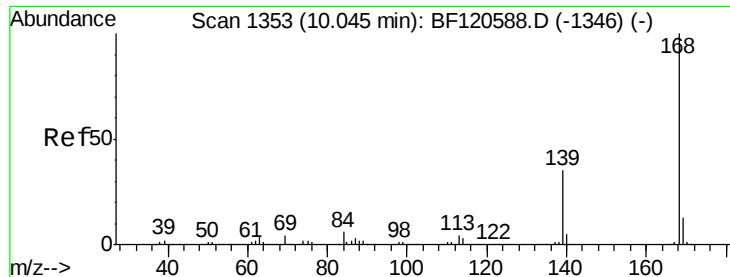
Tot Ion:138 Resp: 36660
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 103.0 86.0 129.0



#54
2,4-Dinitrophenol
Concen: 3.412 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:184 Resp: 8575
Ion Ratio Lower Upper
184 100
63 68.8 44.2 66.2#
154 60.7 45.9 68.9

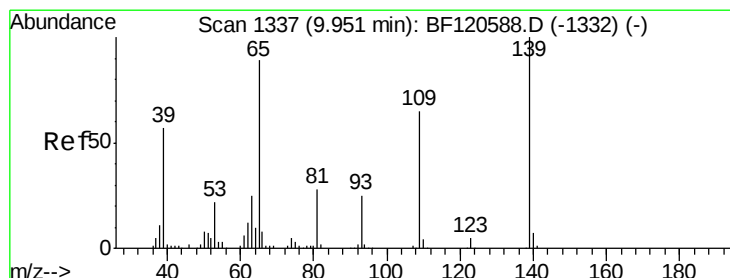
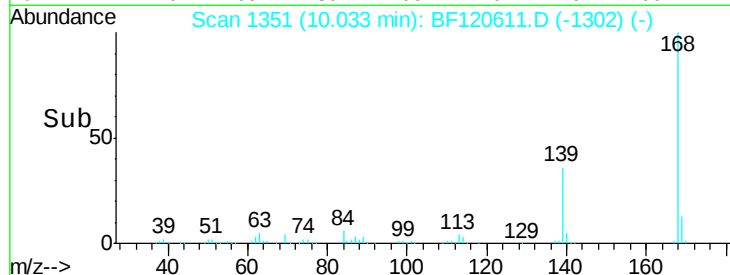
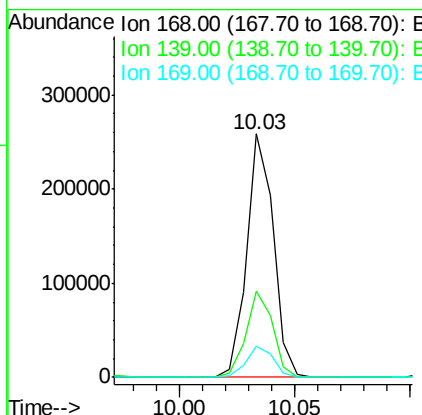
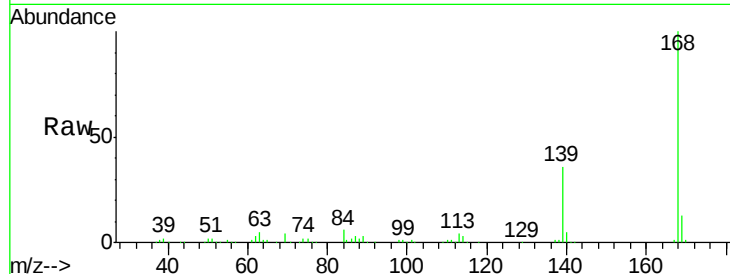




#55
Dibenzenofuran
Concen: 8.439 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

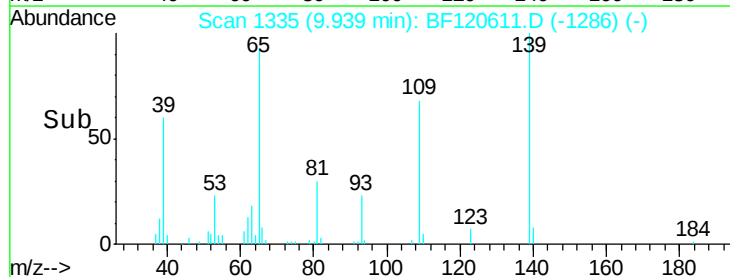
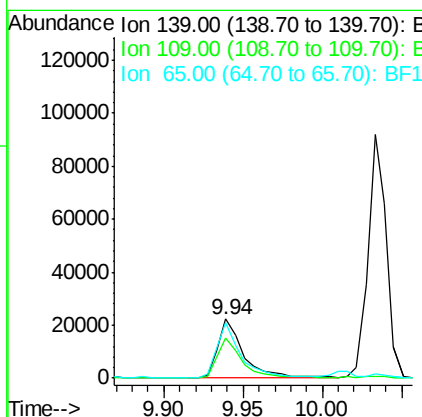
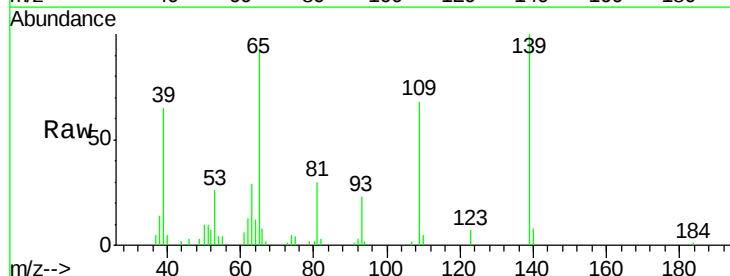
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

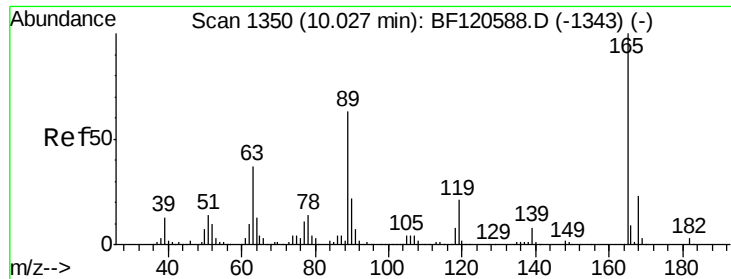
Tot Ion:168 Resp: 208860
Ion Ratio Lower Upper
168 100
139 35.5 28.1 42.1
169 12.8 10.6 16.0



#56
4-Nitrophenol
Concen: 5.887 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:139 Resp: 24966
Ion Ratio Lower Upper
139 100
109 68.3 44.6 84.6
65 93.2 69.2 109.2

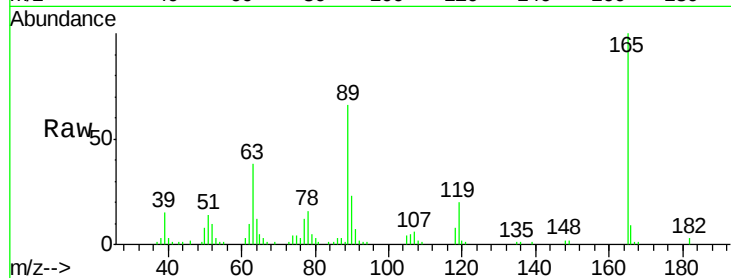




#57
 2,4-Dinitrotoluene
 Concen: 6.782 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:165	Resp:	42186
Ion Ratio	Lower	Upper
165	100	
63	37.7	29.8 44.8
89	66.0	50.4 75.6
182	2.6	2.1 3.1

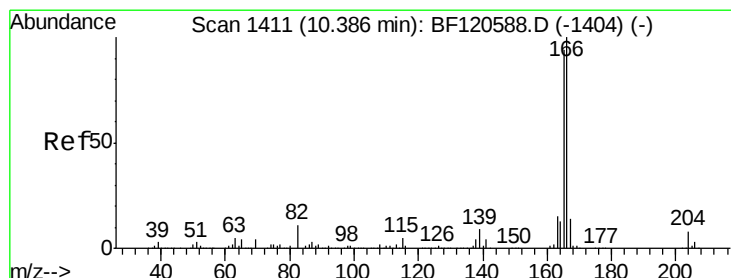
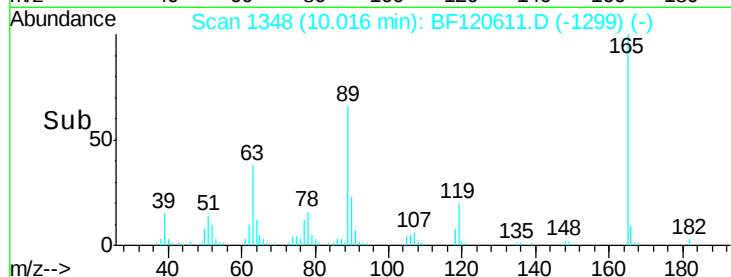
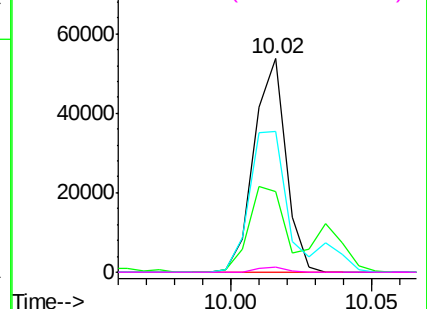


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

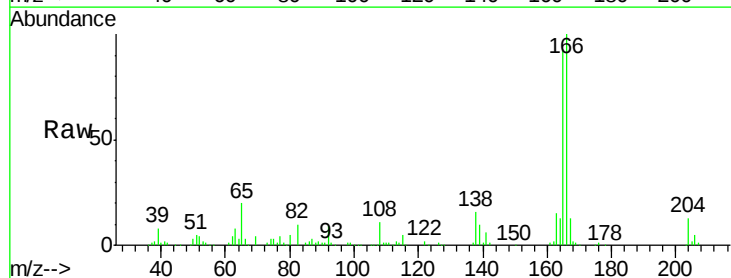
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 8.209 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

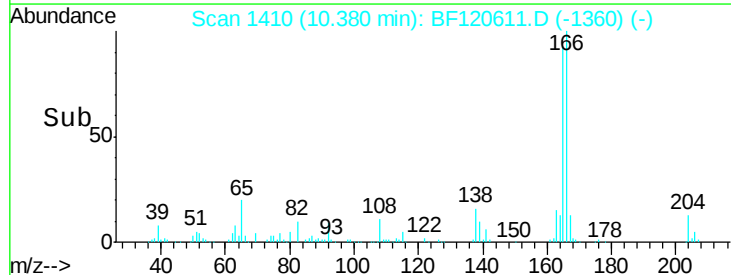
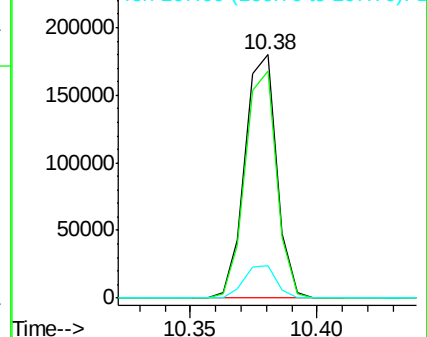
Tgt Ion:166	Resp:	156622
Ion Ratio	Lower	Upper
166	100	
165	93.3	75.0 112.6
167	13.1	11.0 16.4

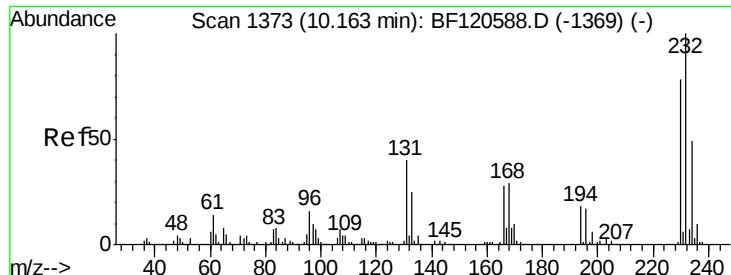


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

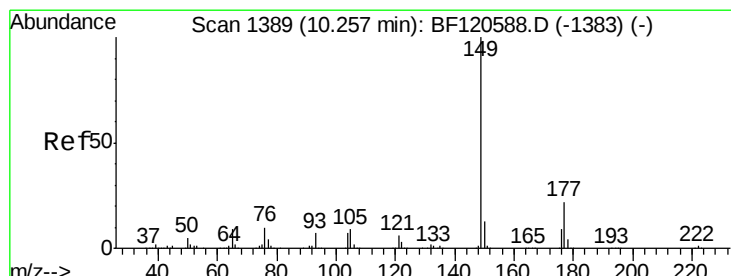
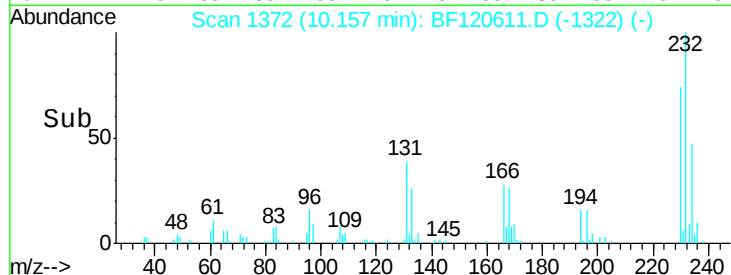
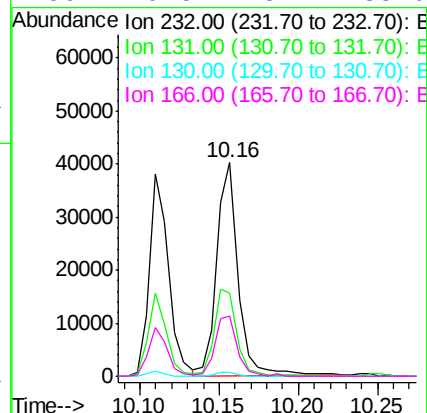
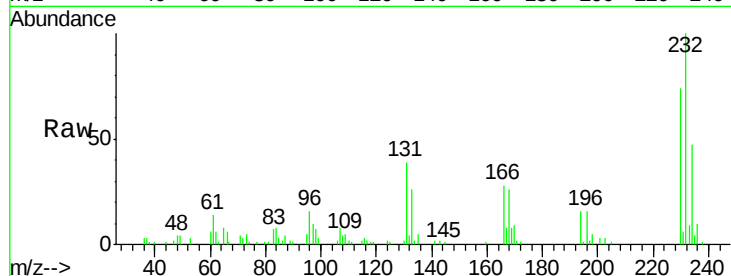




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 6.860 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

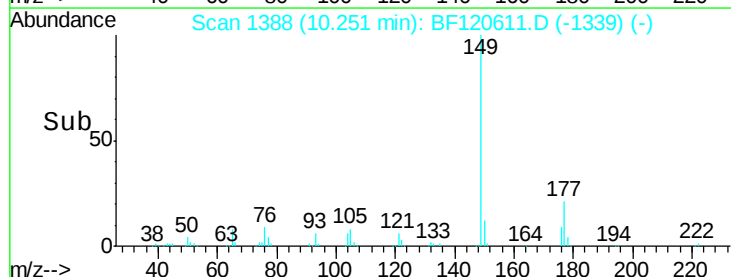
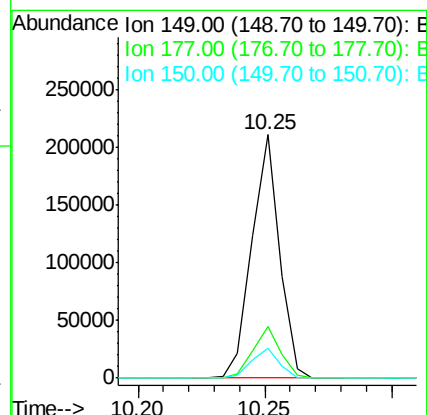
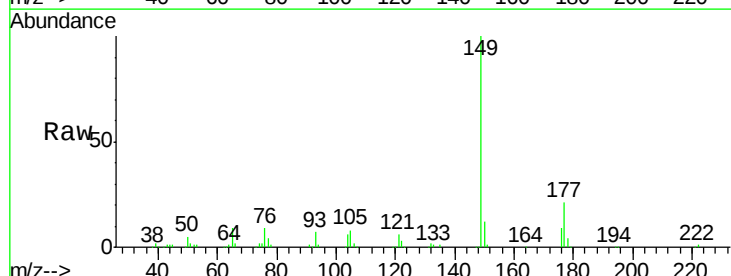
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

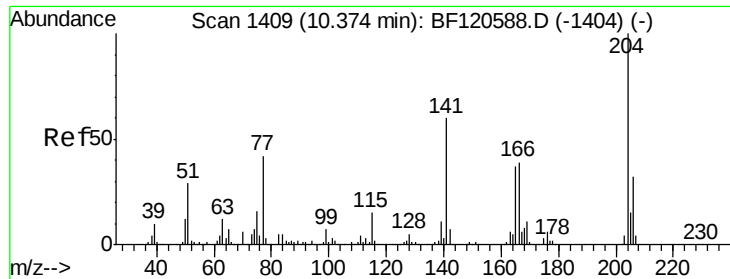
Tot Ion:232 Resp: 37250
 Ion Ratio Lower Upper
 232 100
 131 44.5 33.5 50.3
 130 1.9 1.5 2.3
 166 29.8 23.4 35.0



#60
 Diethylphthalate
 Concen: 7.865 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:149 Resp: 160232
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.3 25.9
 150 12.1 10.3 15.5

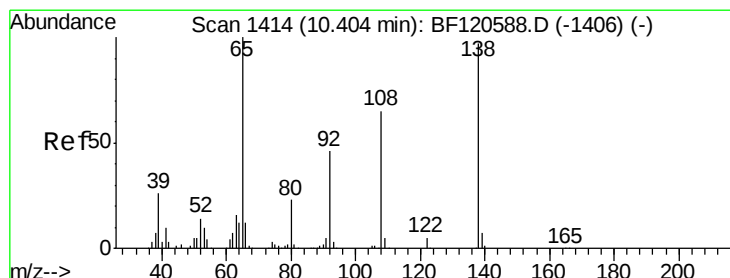
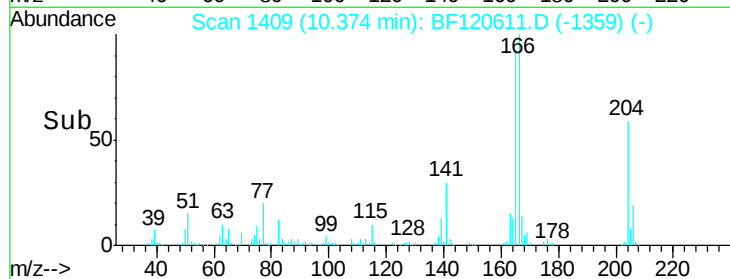
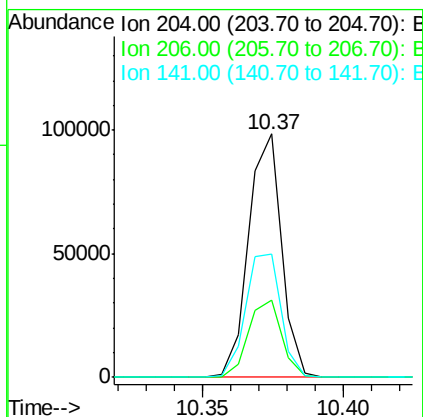
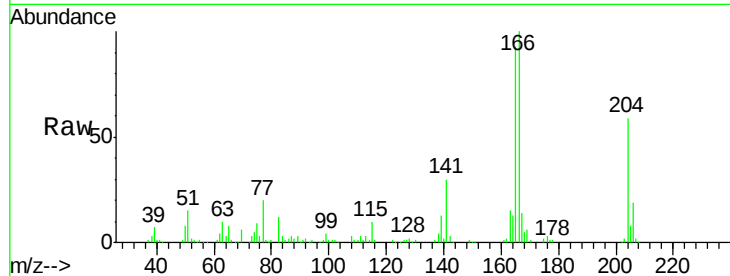




#61
 4-Chlorophenyl-phenylether
 Concen: 8.102 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

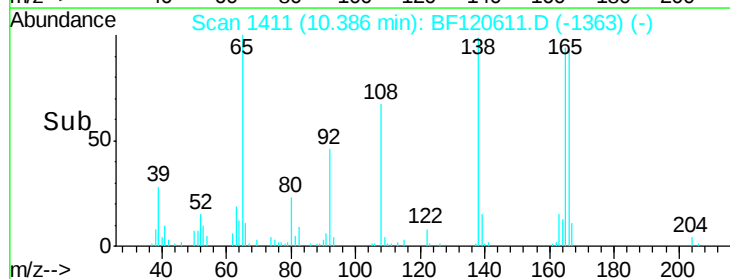
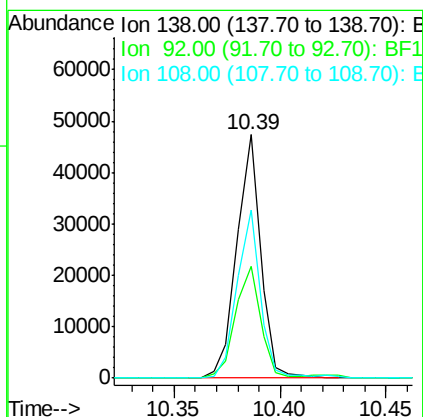
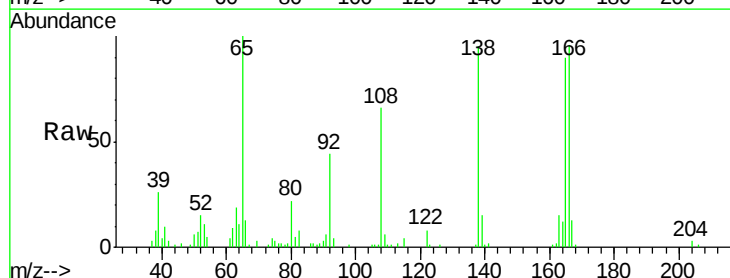
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:	204	Resp:	79827
Ion	Ratio	Lower	Upper
204	100		
206	31.6	25.9	38.9
141	50.6	47.6	71.4



#62
 4-Nitroaniline
 Concen: 6.623 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:	138	Resp:	37022
Ion	Ratio	Lower	Upper
138	100		
92	46.1	27.3	67.3
108	68.9	47.4	87.4

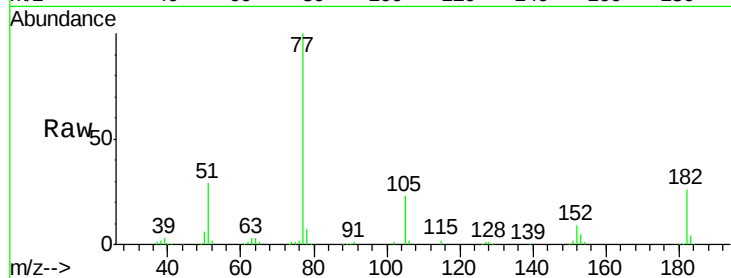




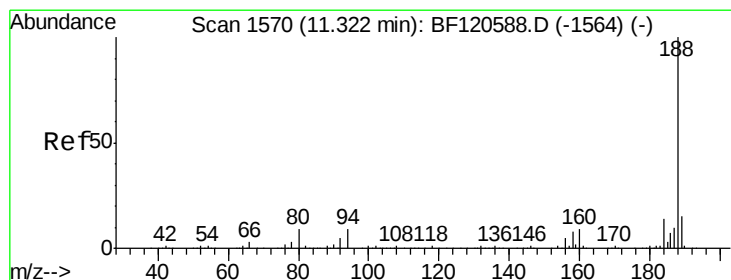
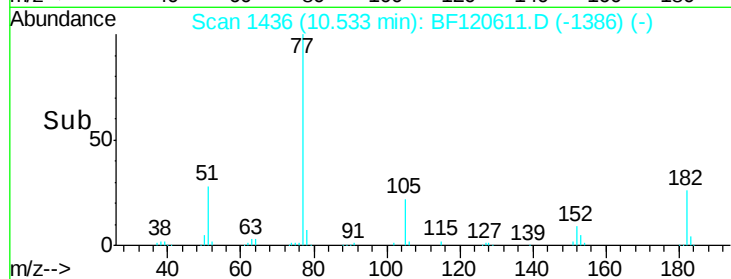
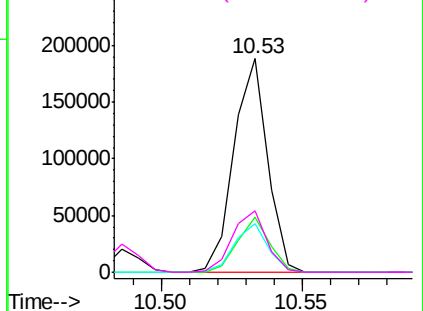
#63
Azobenzene
Concen: 8.440 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion: 77 Resp: 156085
Ion Ratio Lower Upper
77 100
182 25.7 7.7 47.7
105 22.9 3.2 43.2
51 28.7 8.5 48.5

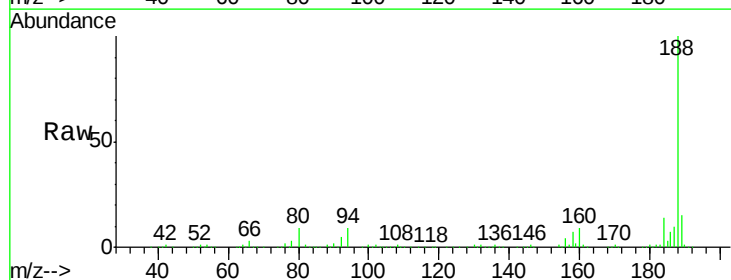


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

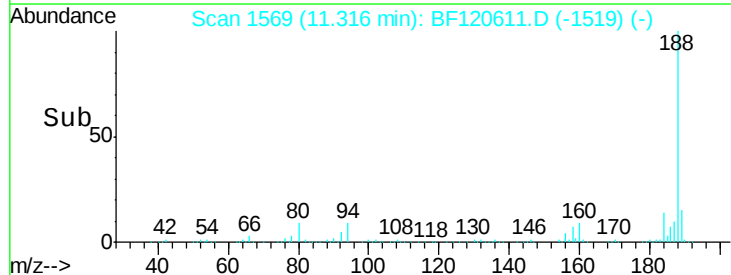
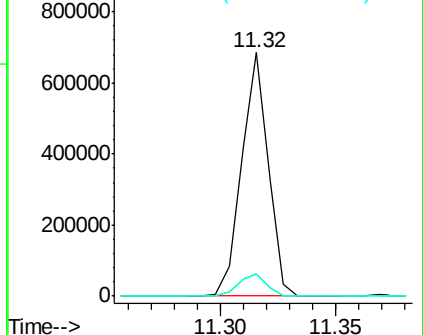


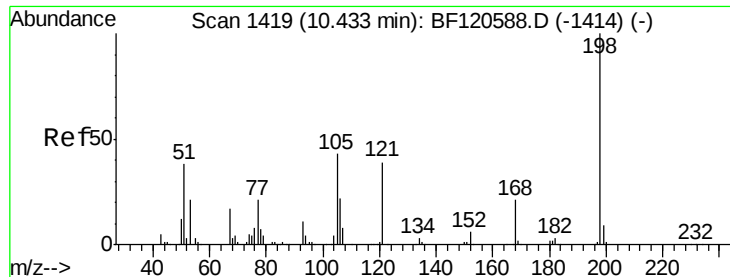
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion: 188 Resp: 549397
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.3 7.4 11.2



Abundance Ion 188.00 (187.70 to 188.70): E
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: 4.877 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

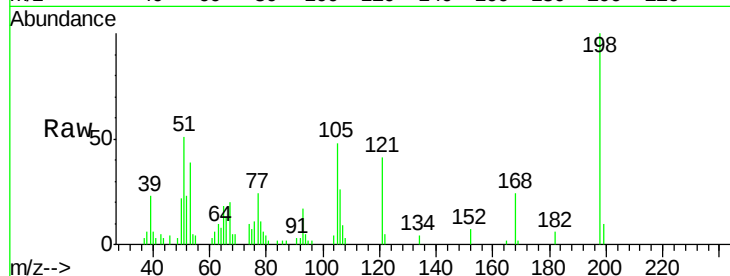
Tot Ion:198 Resp: 16078

Ion Ratio Lower Upper

198 100

51 51.1 24.8 64.8

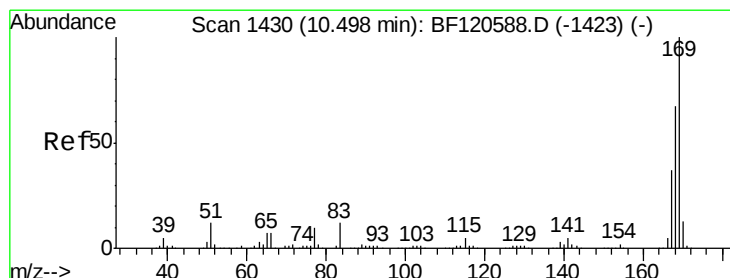
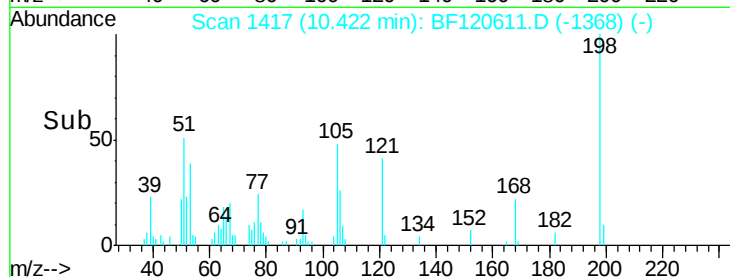
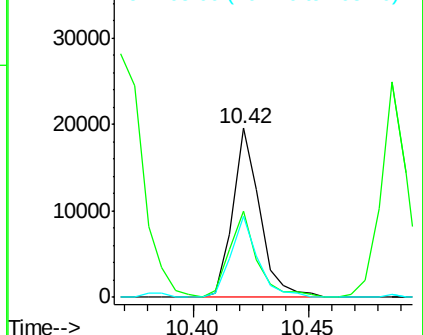
105 48.3 23.9 63.9



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 8.155 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

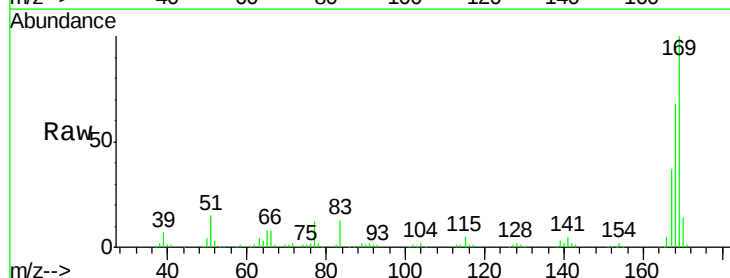
Tgt Ion:169 Resp: 137584

Ion Ratio Lower Upper

169 100

168 68.3 53.7 80.5

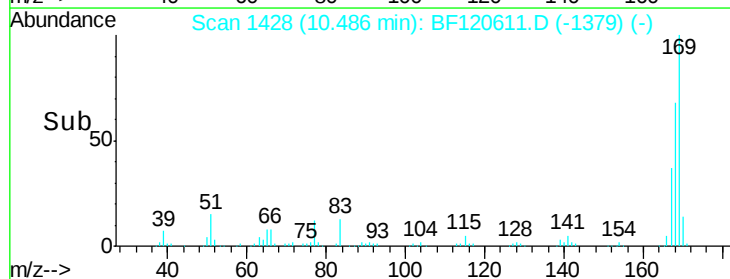
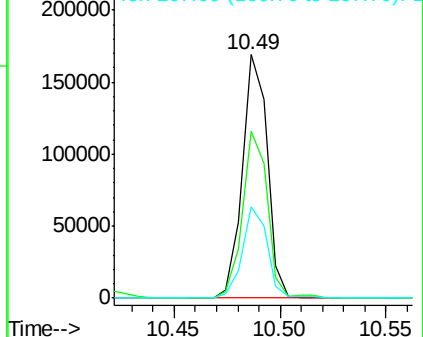
167 37.3 29.9 44.9

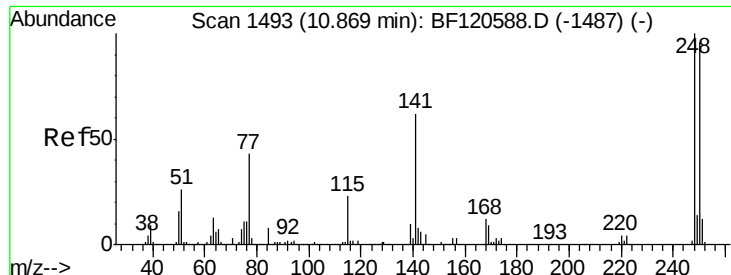


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

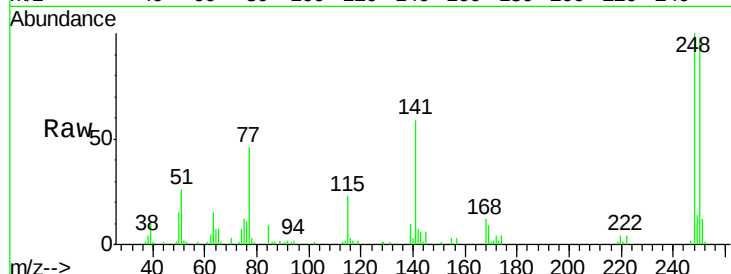




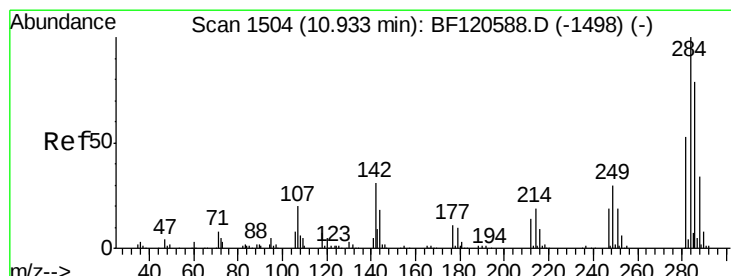
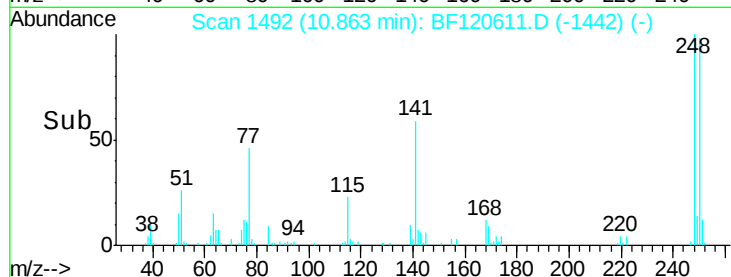
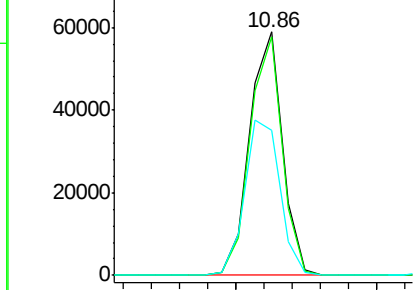
#67
 4-Bromophenyl-phenylether
 Concen: 7.633 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:248 Resp: 47595
 Ion Ratio Lower Upper
 248 100
 250 97.8 76.7 115.1
 141 59.4 49.4 74.0

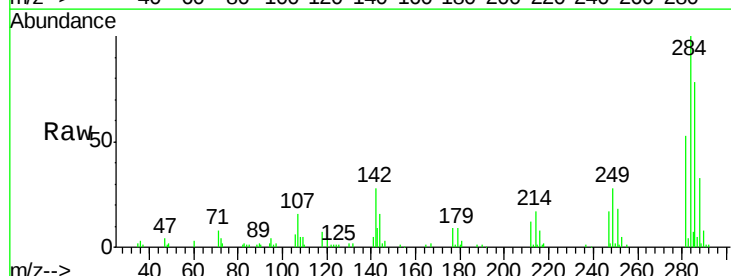


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

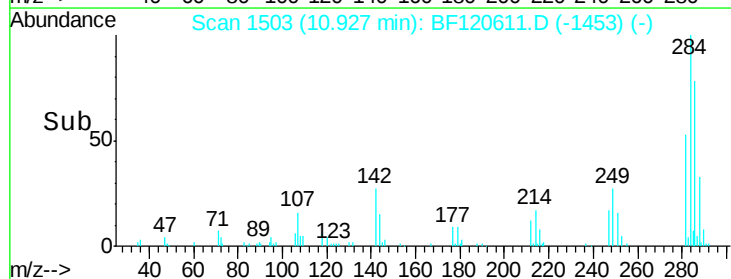
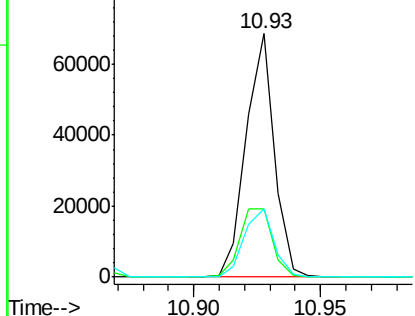


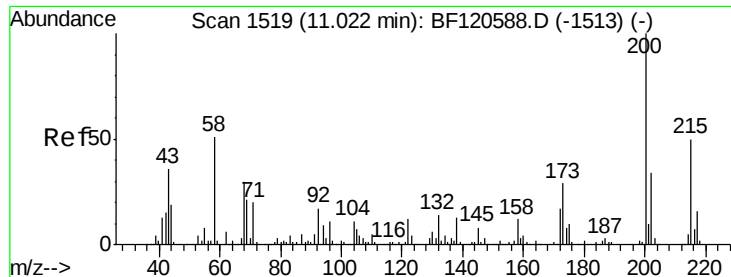
#68
 Hexachlorobenzene
 Concen: 7.936 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:284 Resp: 53204
 Ion Ratio Lower Upper
 284 100
 142 28.3 25.1 37.7
 249 27.9 24.0 36.0



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

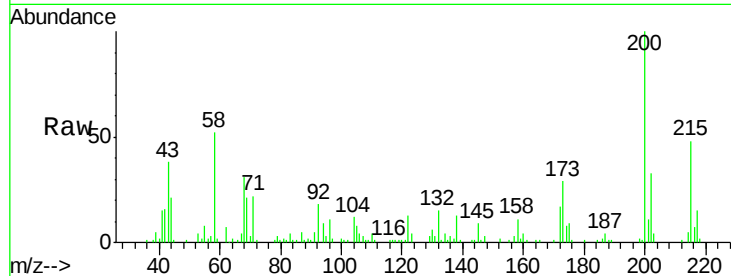




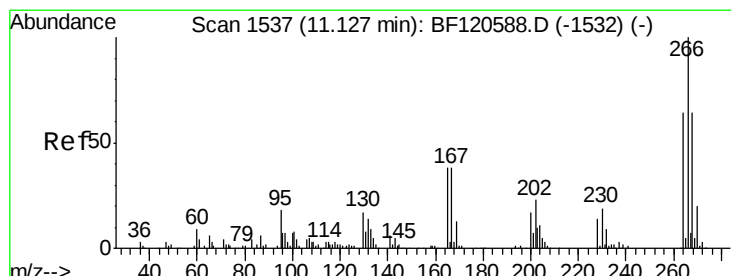
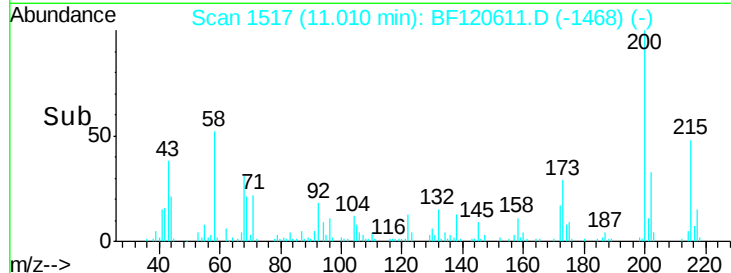
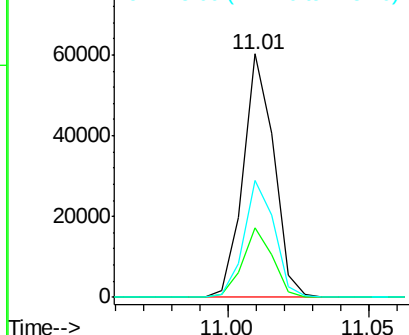
#69
Atrazine
Concen: 8.685 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:200 Resp: 45341
Ion Ratio Lower Upper
200 100
173 28.5 9.1 49.1
215 47.8 29.8 69.8

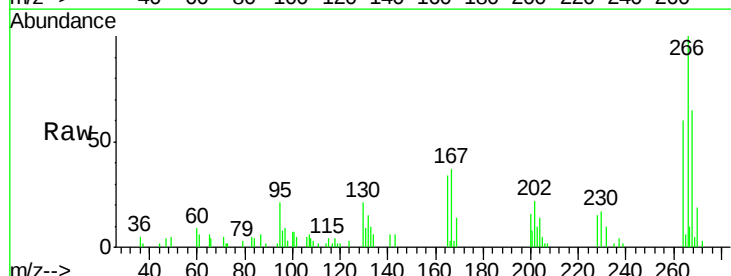


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

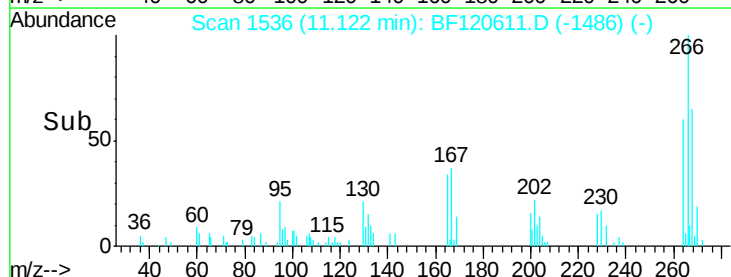
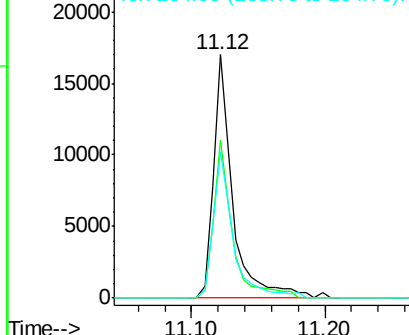


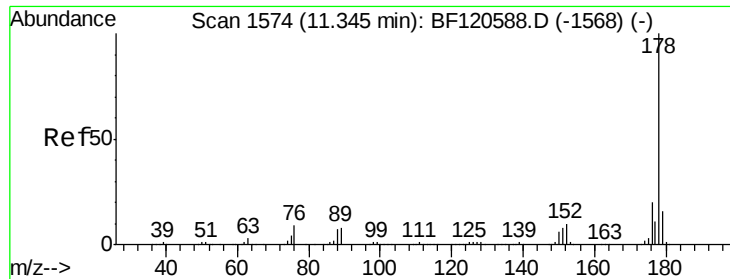
#70
Pentachlorophenol
Concen: 4.641 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:266 Resp: 17298
Ion Ratio Lower Upper
266 100
268 64.7 51.4 77.0
264 60.0 50.8 76.2



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

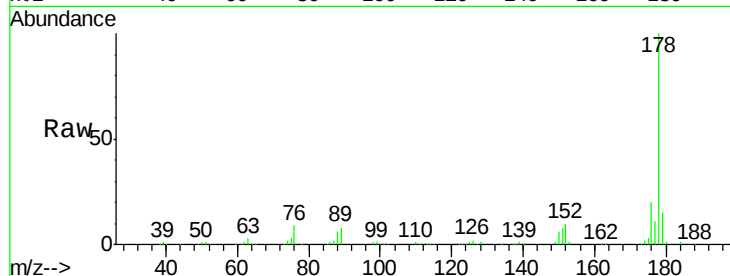




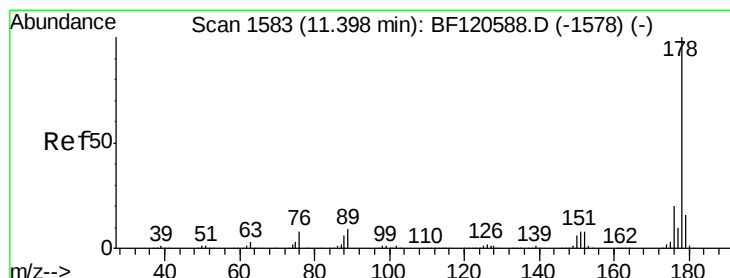
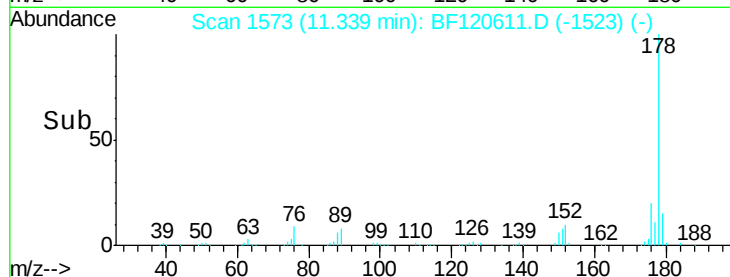
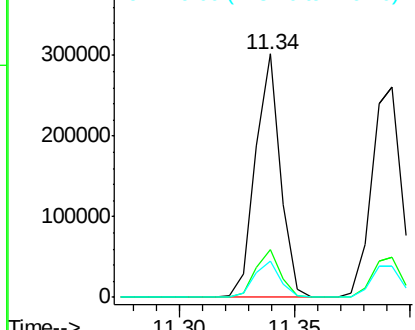
#71
 Phenanthrene
 Concen: 8.375 ng
 RT: 11.34 min Scan# 1573
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:178 Resp: 228724
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 14.9 12.8 19.2

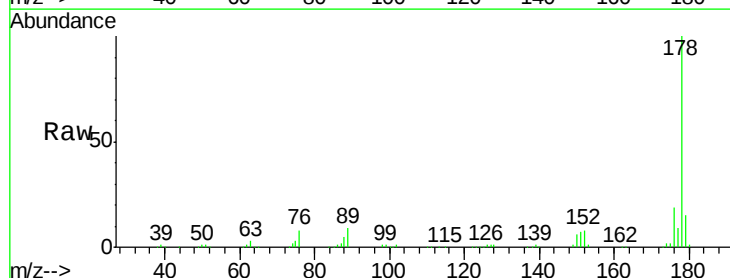


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

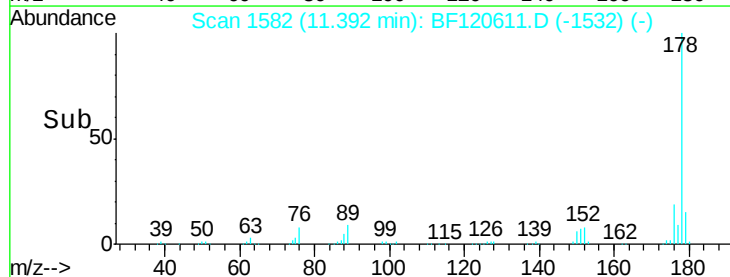
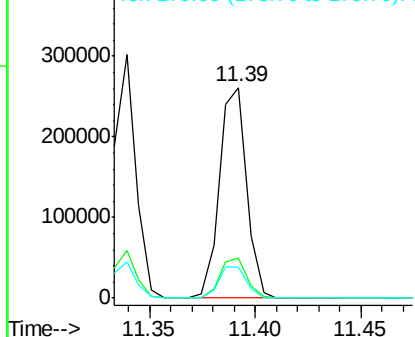


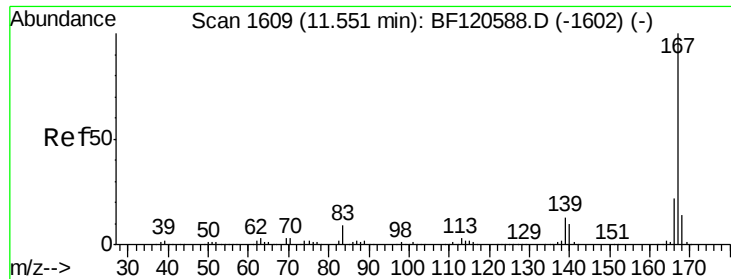
#72
 Anthracene
 Concen: 8.464 ng
 RT: 11.39 min Scan# 1582
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:178 Resp: 232990
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.6 23.4
 179 14.9 12.9 19.3



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

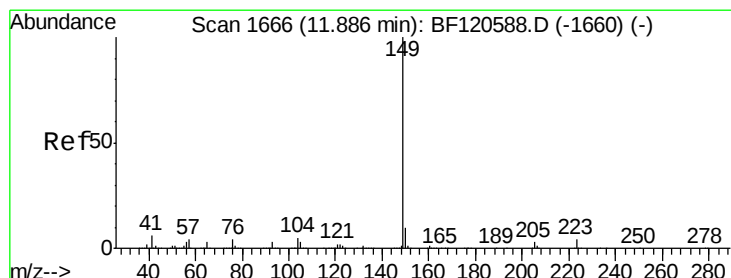
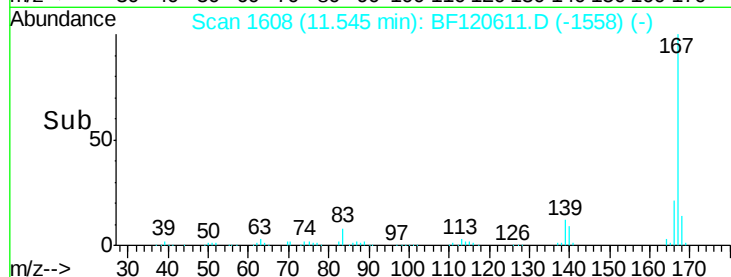
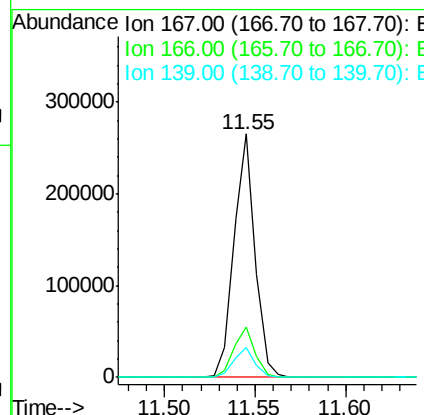
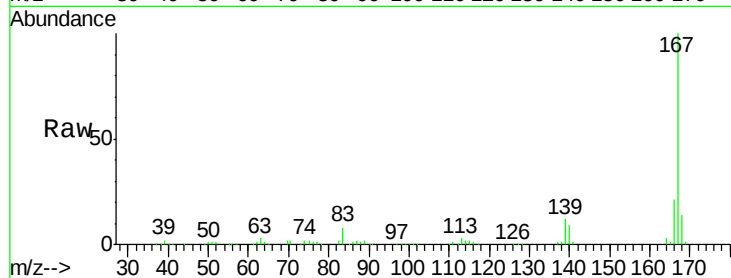




#73
 Carbazole
 Concen: 7.869 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

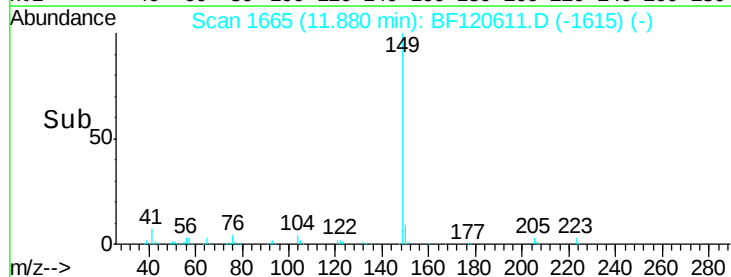
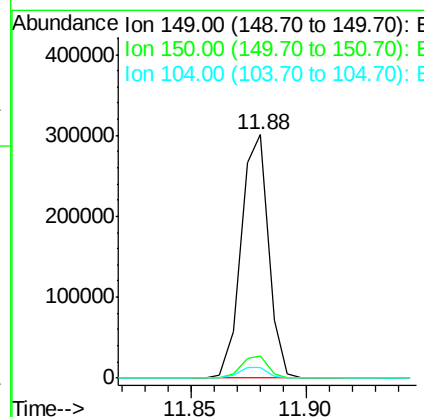
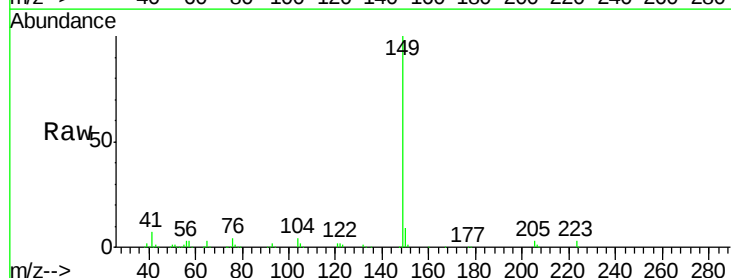
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

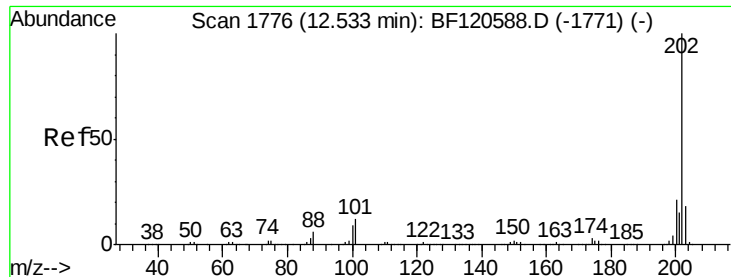
Tot Ion:167 Resp: 214433
 Ion Ratio Lower Upper
 167 100
 166 20.7 17.2 25.8
 139 12.2 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 8.156 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:149 Resp: 249864
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.7 11.5
 104 4.2 3.7 5.5





#75

Fluoranthene

Concen: 8.149 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

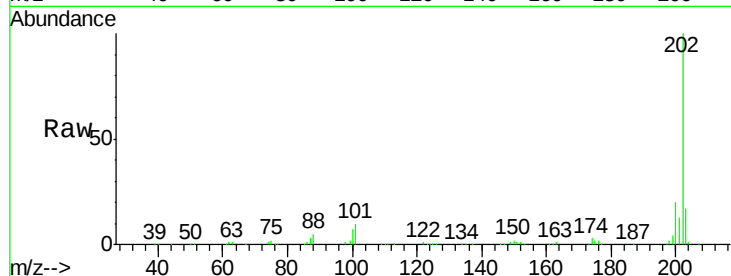
Tot Ion:202 Resp: 254445

Ion Ratio Lower Upper

202 100

101 9.6 0.0 32.0

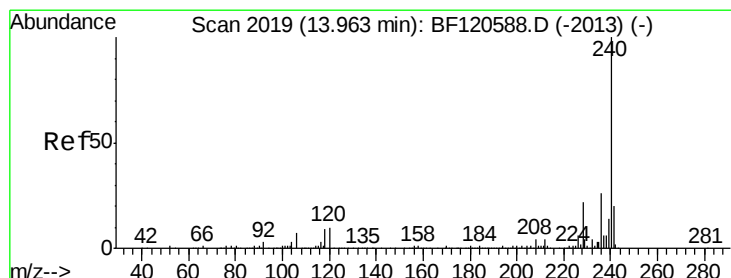
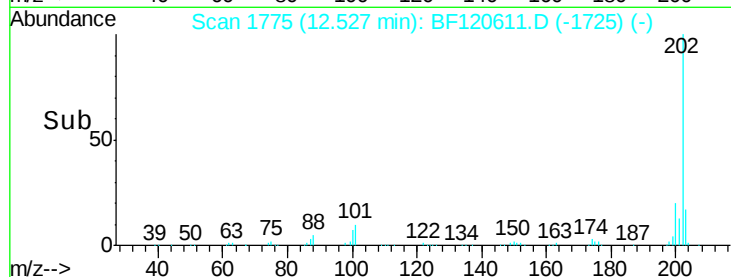
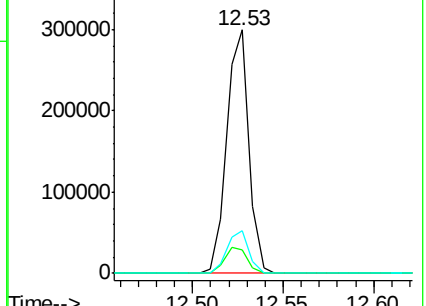
203 17.3 0.0 38.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

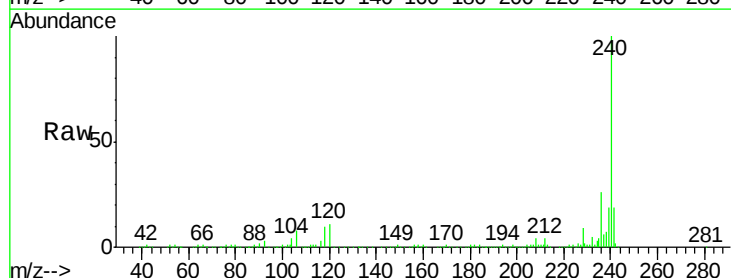
Tgt Ion:240 Resp: 449202

Ion Ratio Lower Upper

240 100

120 11.1 8.3 12.5

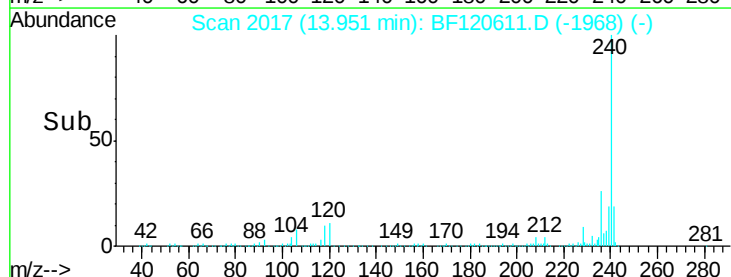
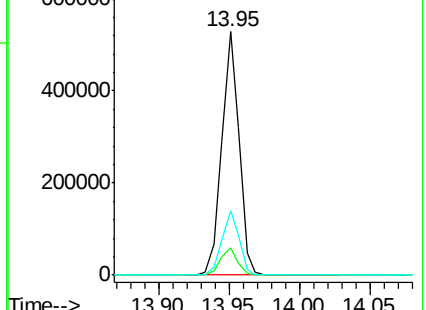
236 26.2 21.0 31.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.638 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

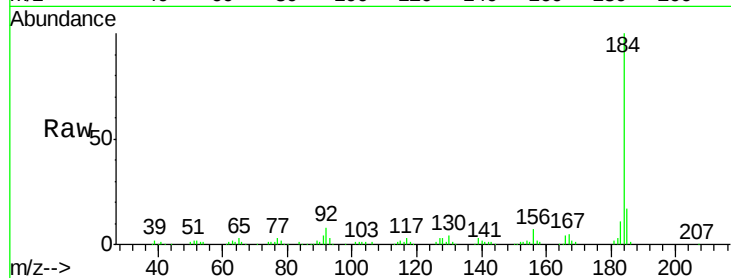
Tot Ion:184 Resp: 131225

Ion Ratio Lower Upper

184 100

185 16.7 11.4 17.0

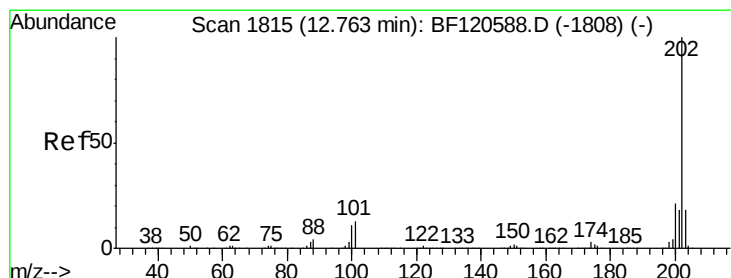
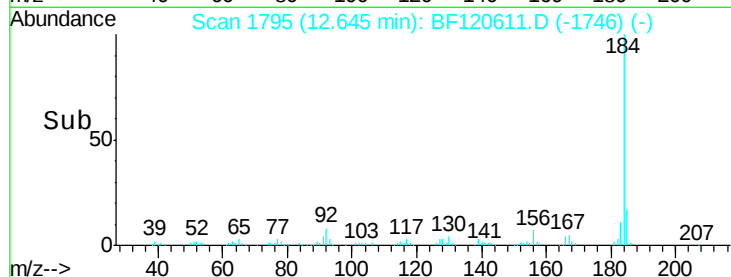
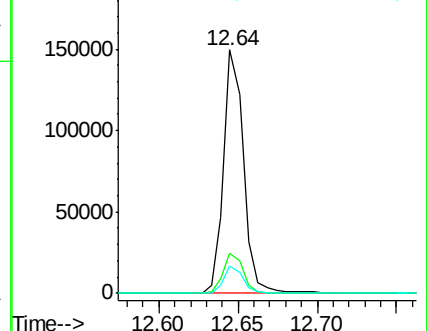
183 11.3 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.310 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

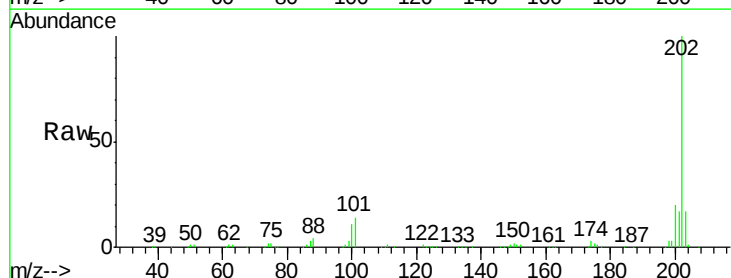
Tgt Ion:202 Resp: 264450

Ion Ratio Lower Upper

202 100

200 20.3 16.8 25.2

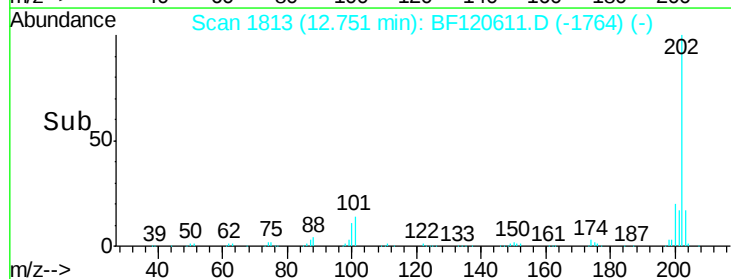
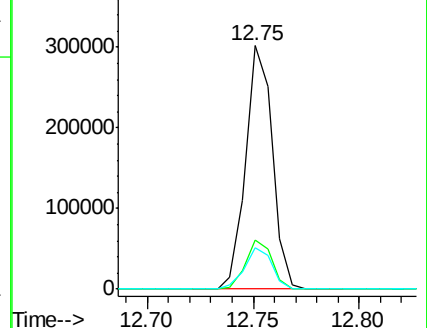
203 17.2 14.3 21.5



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 100.791 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

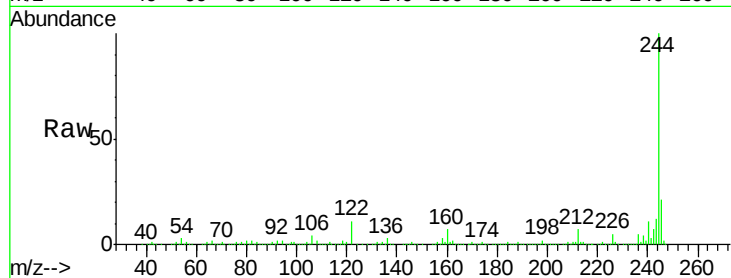
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

Tot Ion:244 Resp: 2049702

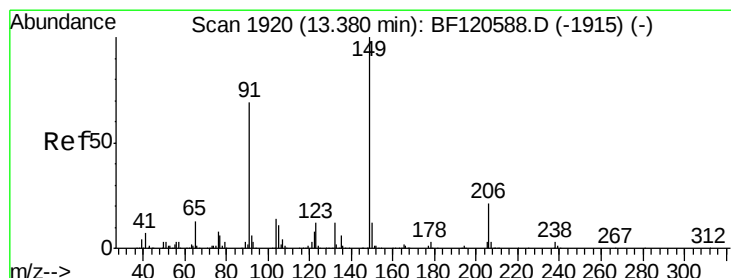
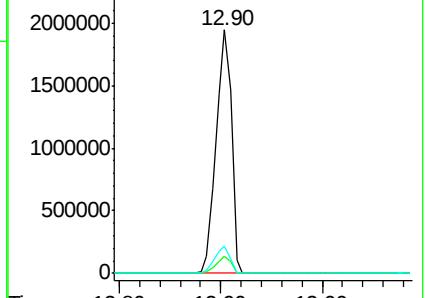
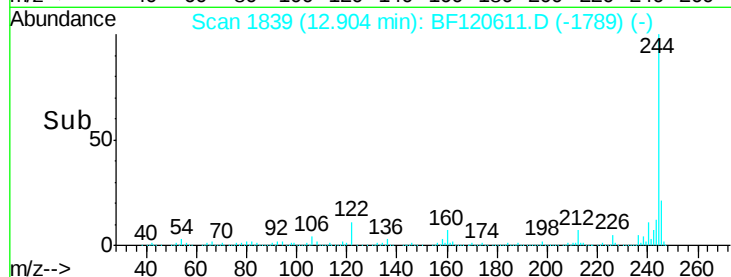
Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.1	8.3	12.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 7.086 ng

RT: 13.37 min Scan# 1919

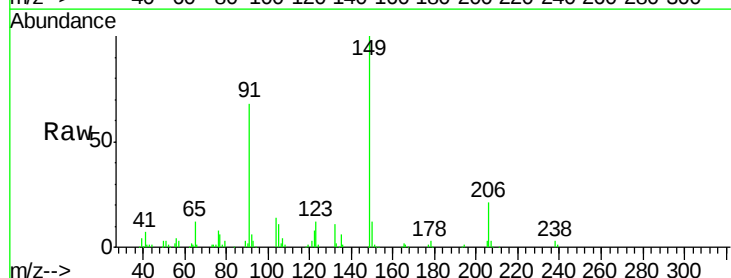
Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Tgt Ion:149 Resp: 100121

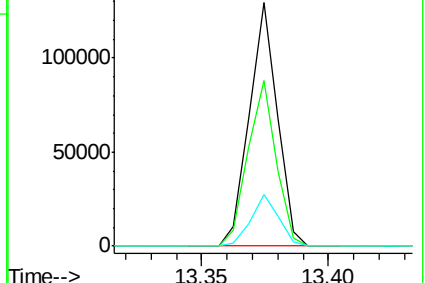
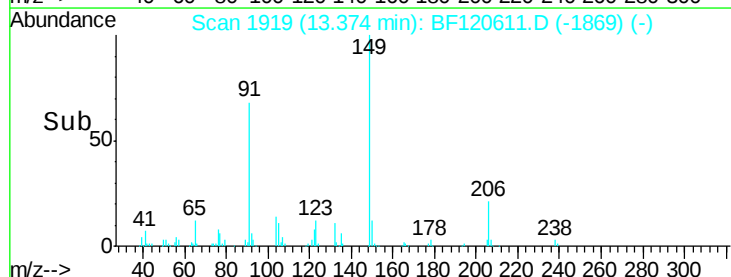
Ion	Ratio	Lower	Upper
149	100		
91	68.2	55.4	83.0
206	21.1	17.0	25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 8.924 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2020

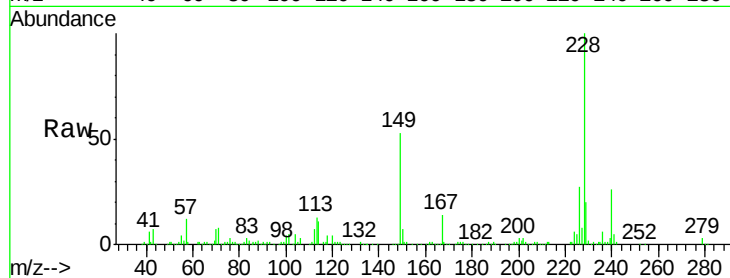
Tot Ion:228 Resp: 240841

Ion Ratio Lower Upper

228 100

226 26.9 22.5 33.7

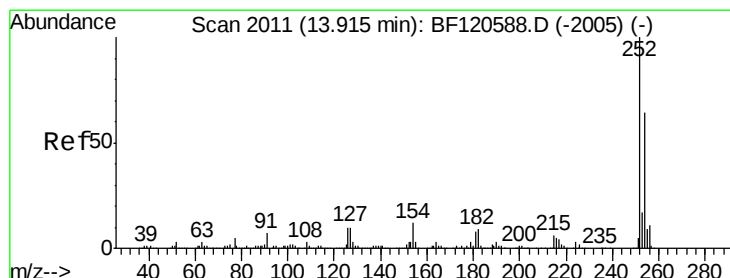
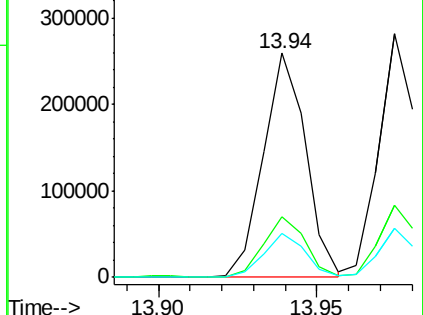
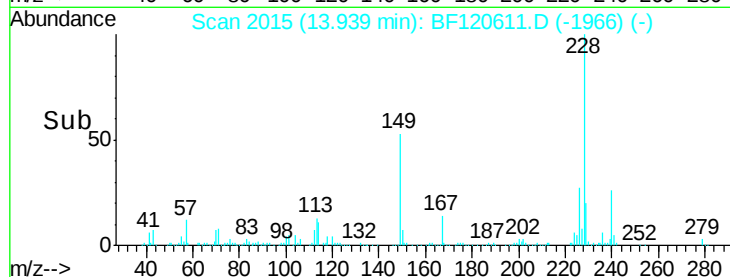
229 19.7 16.1 24.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 9.350 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF120611.D

Acq: 12 Jun 2020 13:56

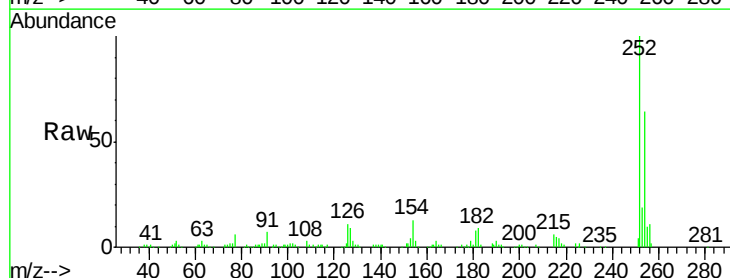
Tgt Ion:252 Resp: 96382

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

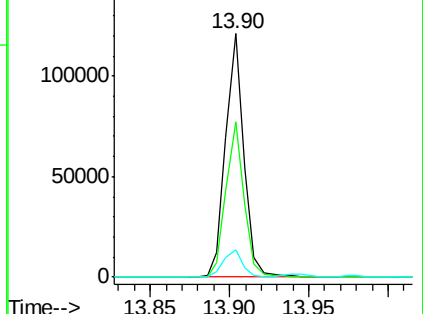
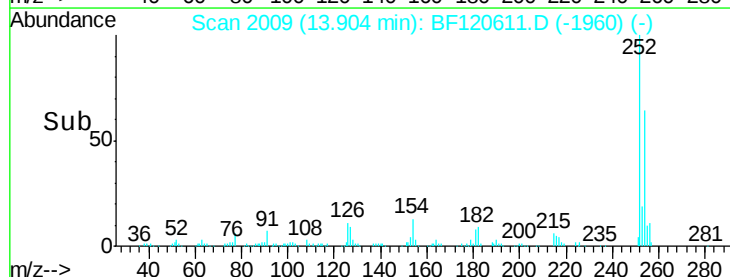
126 11.0 7.9 11.9

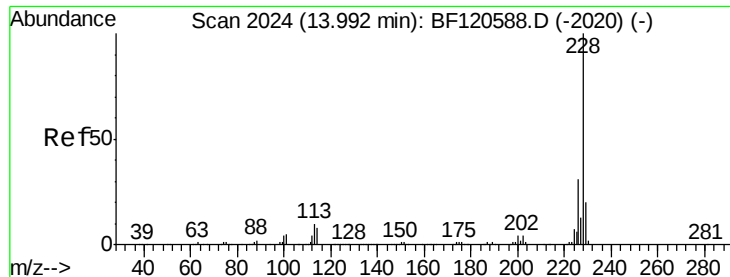


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

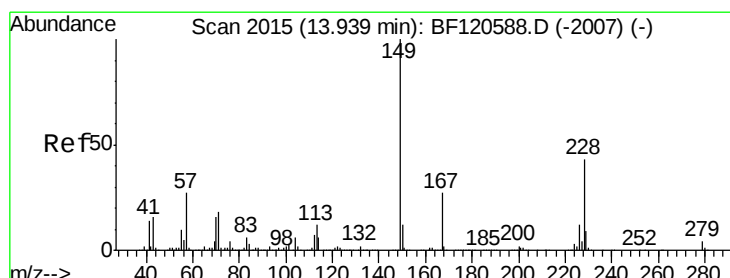
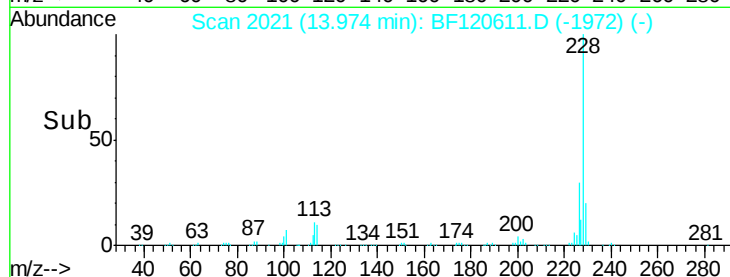
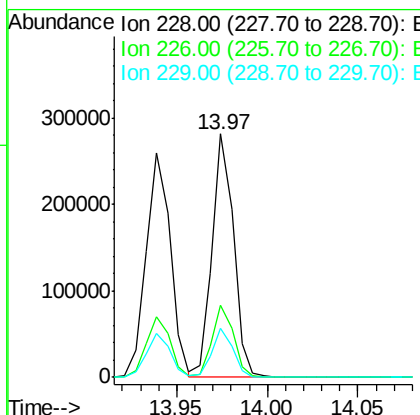
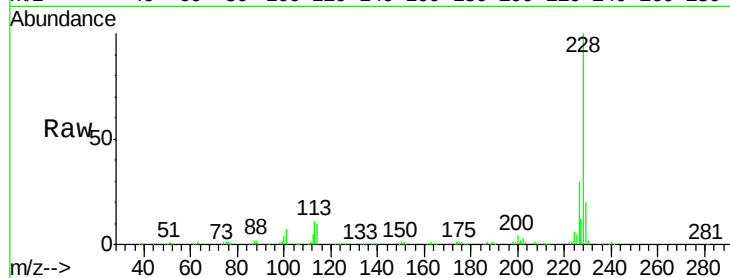




#83
 Chrysene
 Concen: 8.401 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

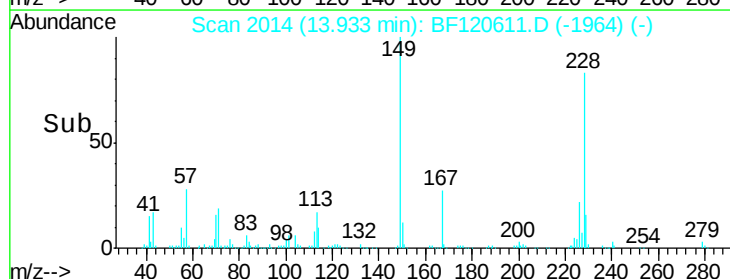
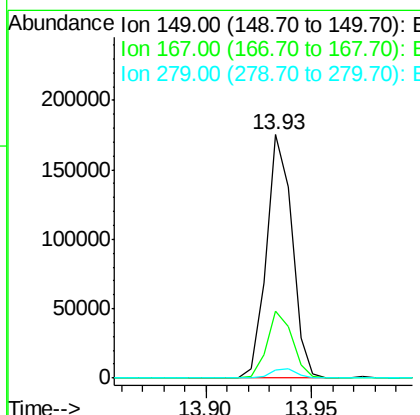
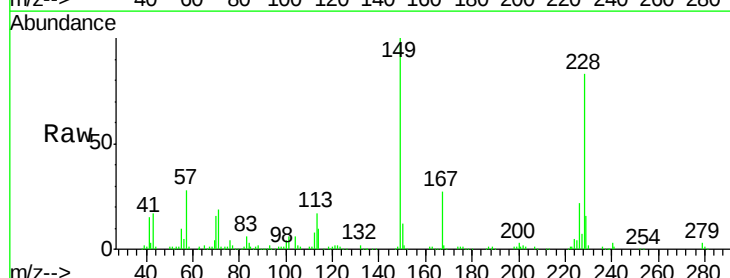
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

Tot Ion:228 Resp: 232575
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 20.0 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 8.643 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion:149 Resp: 149056
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.0 33.0
 279 3.3 3.0 4.6

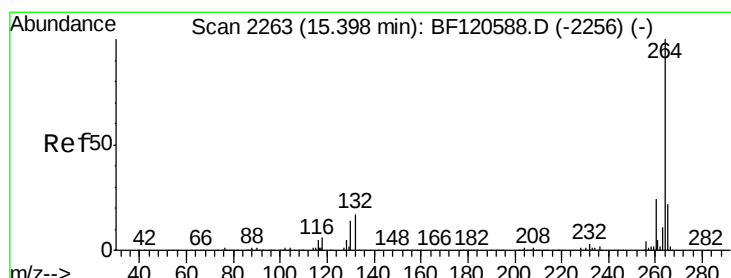
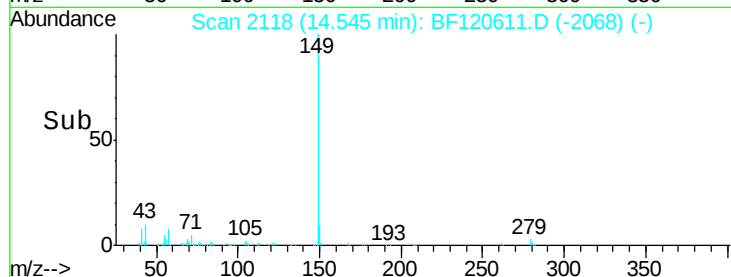
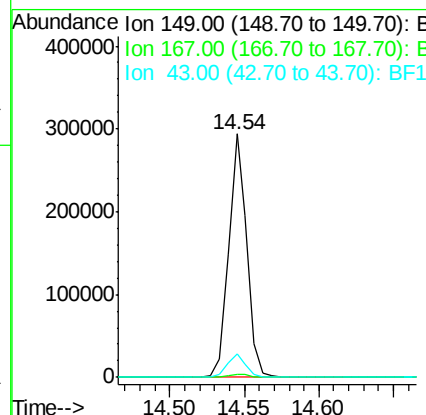
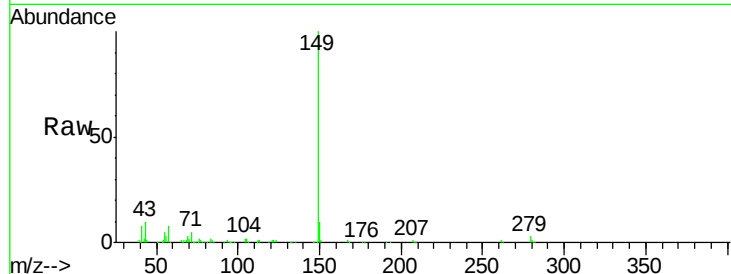




#85
Di-n-octyl phthalate
Concen: 7.637 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

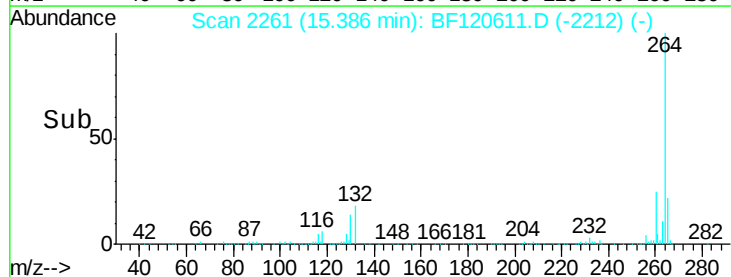
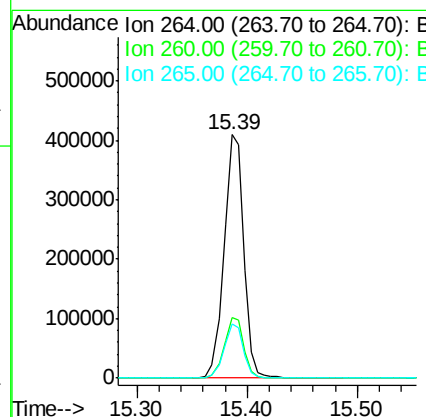
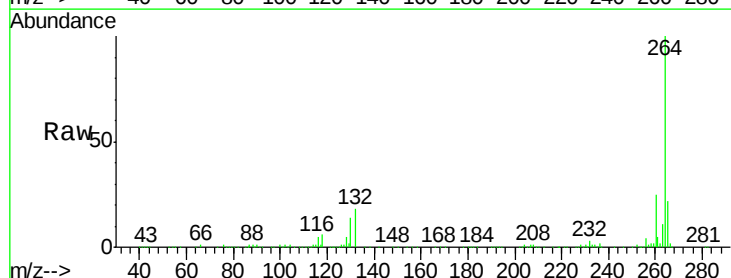
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

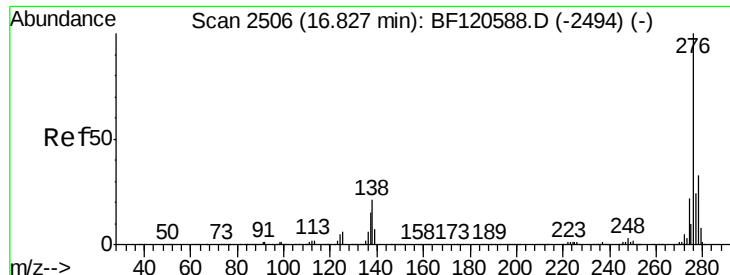
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.4	1.3	1.9
43	10.3	7.6	11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	22.2	17.8	26.8

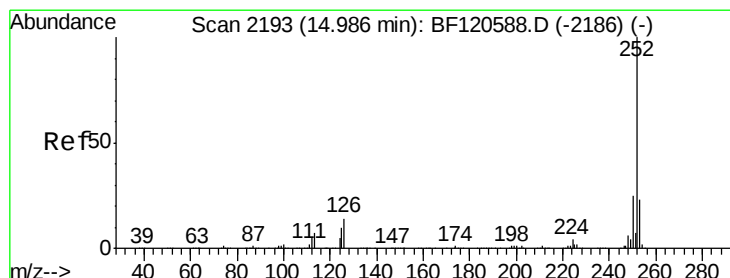
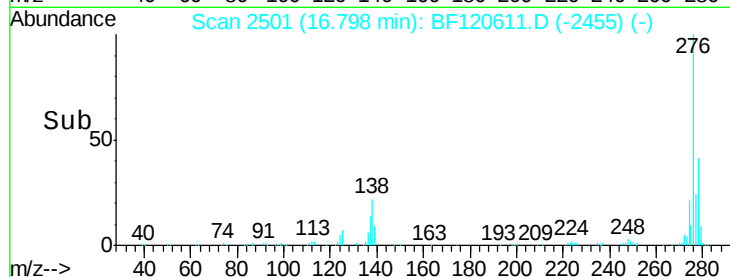
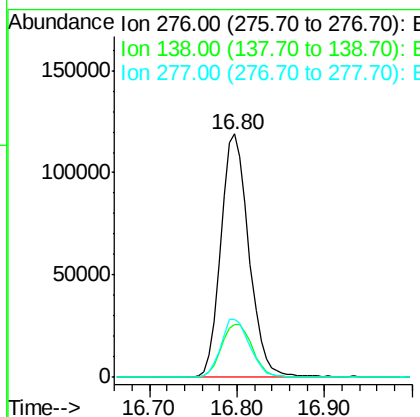
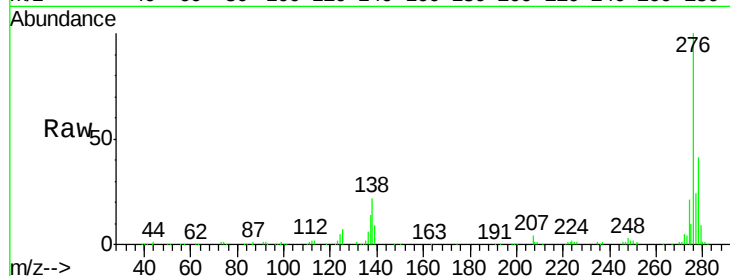




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.551 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. -0.03 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

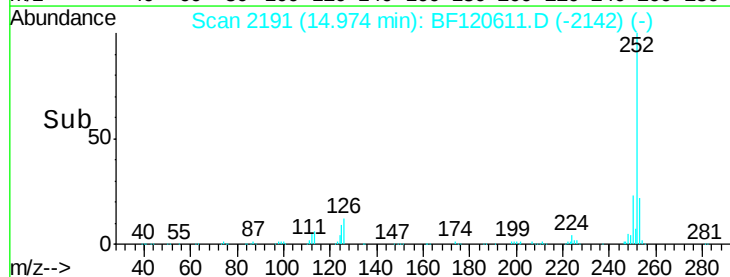
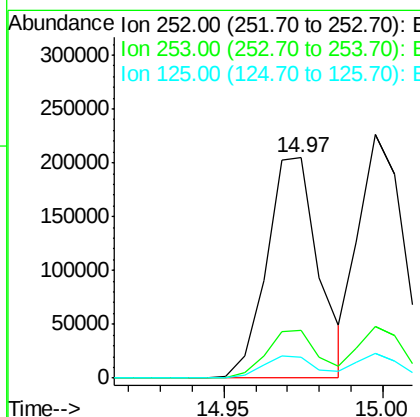
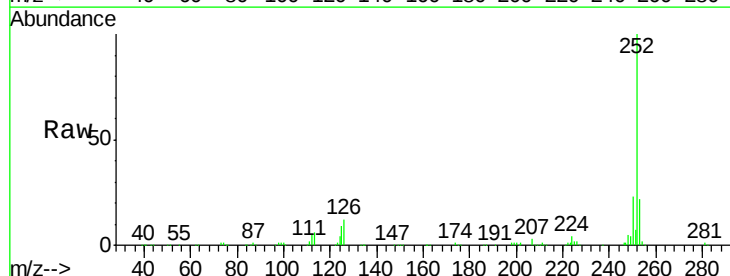
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2020

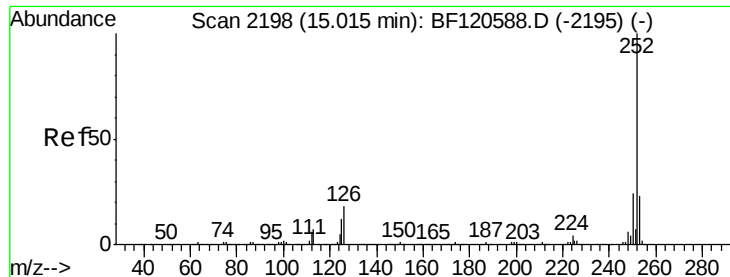
Tot Ion	Ratio	Lower	Upper
276	100		
138	23.8	18.9	28.3
277	24.5	20.2	30.2



#88
 Benzo(b)fluoranthene
 Concen: 7.751 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120611.D
 Acq: 12 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	18.1	27.1
125	9.3	8.3	12.5

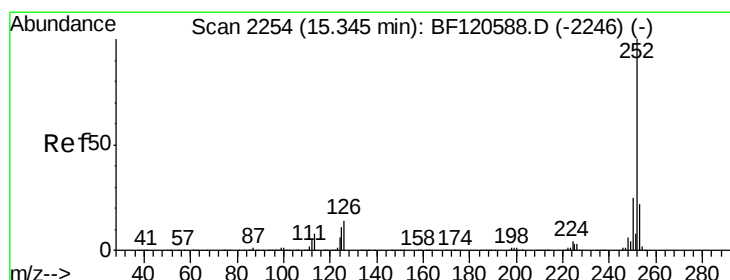
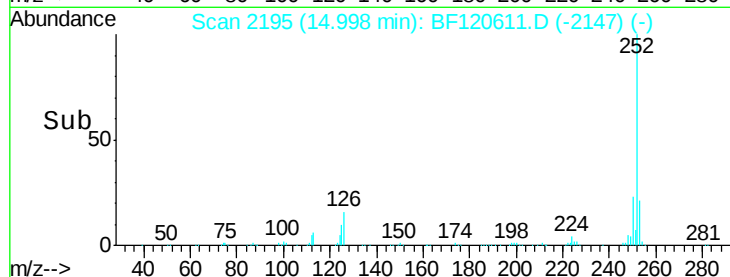
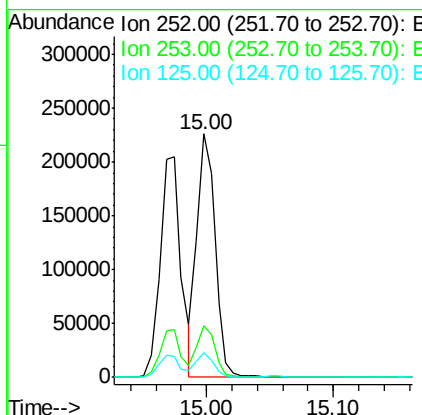
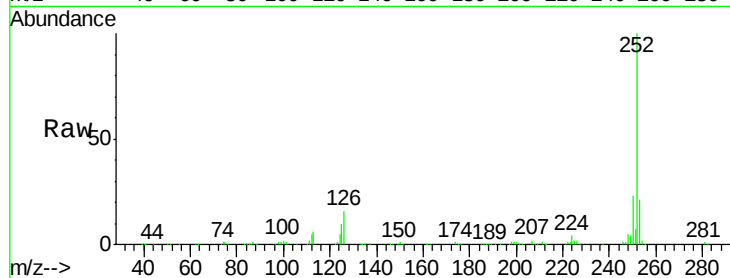




#89
Benzo(k)fluoranthene
Concen: 8.446 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

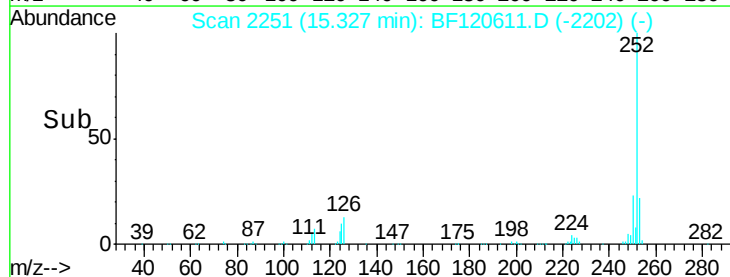
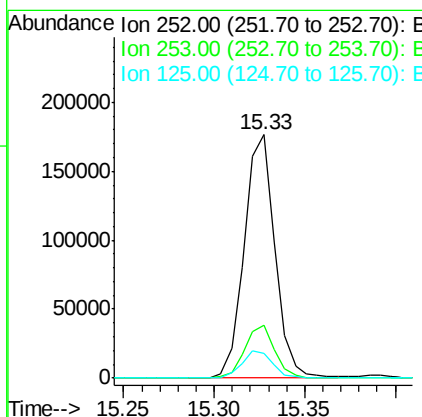
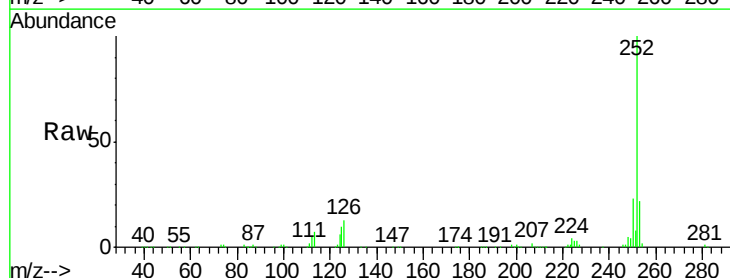
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

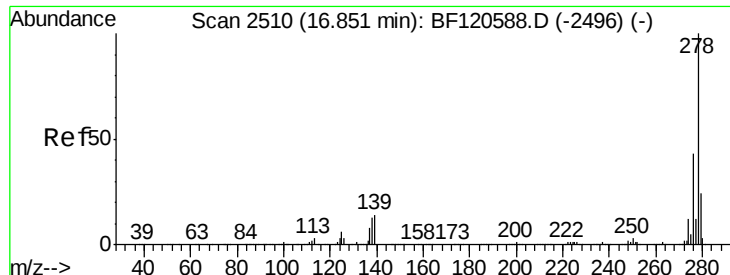
Tot Ion:252 Resp: 225604
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 10.2 8.3 12.5



#90
Benzo(a)pyrene
Concen: 7.673 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:252 Resp: 207306
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.8
125 10.2 8.6 12.8

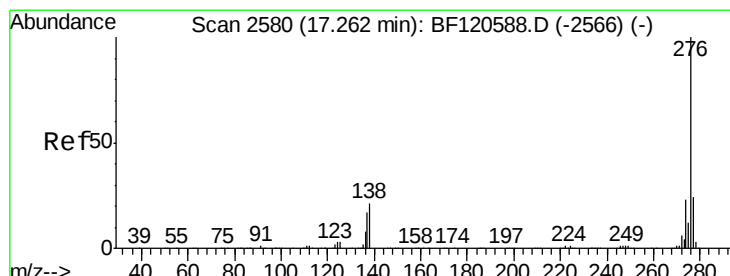
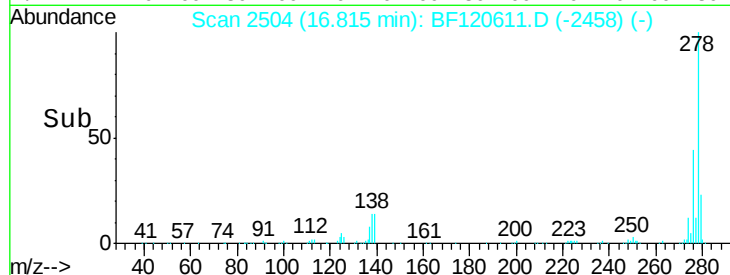
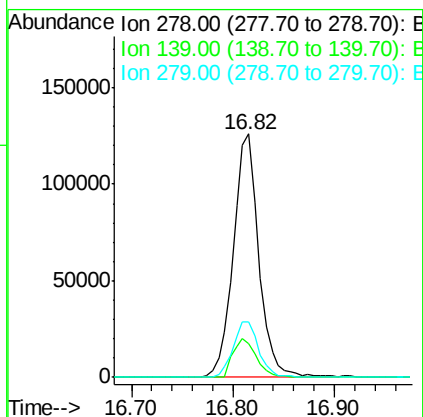
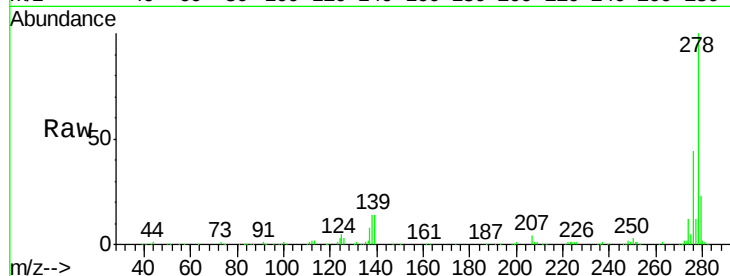




#91
Dibenzo(a,h)anthracene
Concen: 8.899 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.03 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2020

Tot Ion:278 Resp: 219989
Ion Ratio Lower Upper
278 100
139 13.8 11.4 17.2
279 22.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 8.796 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF120611.D
Acq: 12 Jun 2020 13:56

Tgt Ion:276 Resp: 219178
Ion Ratio Lower Upper
276 100
277 22.9 19.6 29.4
138 21.4 16.5 24.7

