

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061620\
 Data File : BF120629.D
 Acq On : 16 Jun 2020 15:31
 Operator : JU/CG
 Sample : L2182-09
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Quant Time: Jun 16 16:05:15 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	171121	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	618618	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	324039	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	621423	20.00	ng	0.00
76) Chrysene-d12	13.95	240	491507	20.00	ng	-0.01
86) Perylene-d12	15.39	264	557807	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1408845	141.15	ng	0.00
7) Phenol-d6	6.43	99	1785718	143.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	1130645	102.16	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	557994	148.11	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1995396	94.21	ng	0.00
79) Terphenyl-d14	12.90	244	2287833	102.82	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	37392	7.904	ng	94
3) Pyridine	3.28	79	72600	5.459	ng	96
4) n-Nitrosodimethylamine	3.15	42	38185	6.919	ng	# 100
6) Aniline	6.46	93	130682	8.214	ng	97
8) 2-Chlorophenol	6.58	128	87193	7.731	ng	94
9) Benzaldehyde	6.35	77	73198	9.309	ng	99
10) Phenol	6.45	94	109328	8.243	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	84392	7.639	ng	96
12) 1,3-Dichlorobenzene	6.74	146	97038	8.093	ng	98
13) 1,4-Dichlorobenzene	6.82	146	99567	8.416	ng	99
14) 1,2-Dichlorobenzene	6.97	146	91975	7.981	ng	98
15) Benzyl Alcohol	6.93	79	80009	9.075	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	125604	7.896	ng	98
17) 2-Methylphenol	7.05	107	70730	7.353	ng	96
18) Hexachloroethane	7.31	117	35301	8.098	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	60901	8.446	ng	99
20) 3+4-Methylphenols	7.20	107	92438	7.690	ng	# 82
22) Acetophenone	7.20	105	131062	9.476	ng	96
24) Nitrobenzene	7.37	77	94848	8.190	ng	91
25) Isophorone	7.61	82	166385	7.718	ng	94
26) 2-Nitrophenol	7.69	139	43699	7.132	ng	98
27) 2,4-Dimethylphenol	7.73	122	61575	6.825	ng	95
28) bis(2-Chloroethoxy)methane	7.83	93	107508	8.603	ng	99
29) 2,4-Dichlorophenol	7.93	162	72878	7.947	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	83368	8.204	ng	99
31) Naphthalene	8.10	128	271398	8.935	ng	100
32) Benzoic acid	7.80	122	25126	3.630	ng	96
33) 4-Chloroaniline	8.15	127	109398	7.846	ng	99
34) Hexachlorobutadiene	8.22	225	48801	8.238	ng	98
35) Caprolactam	8.48	113	24062	8.204	ng	# 86
36) 4-Chloro-3-methylphenol	8.62	107	72572	7.921	ng	96
37) 2-Methylnaphthalene	8.79	142	180939	9.125	ng	99
38) 1-Methylnaphthalene	8.89	142	169588	9.089	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	88172	9.113	ng	98

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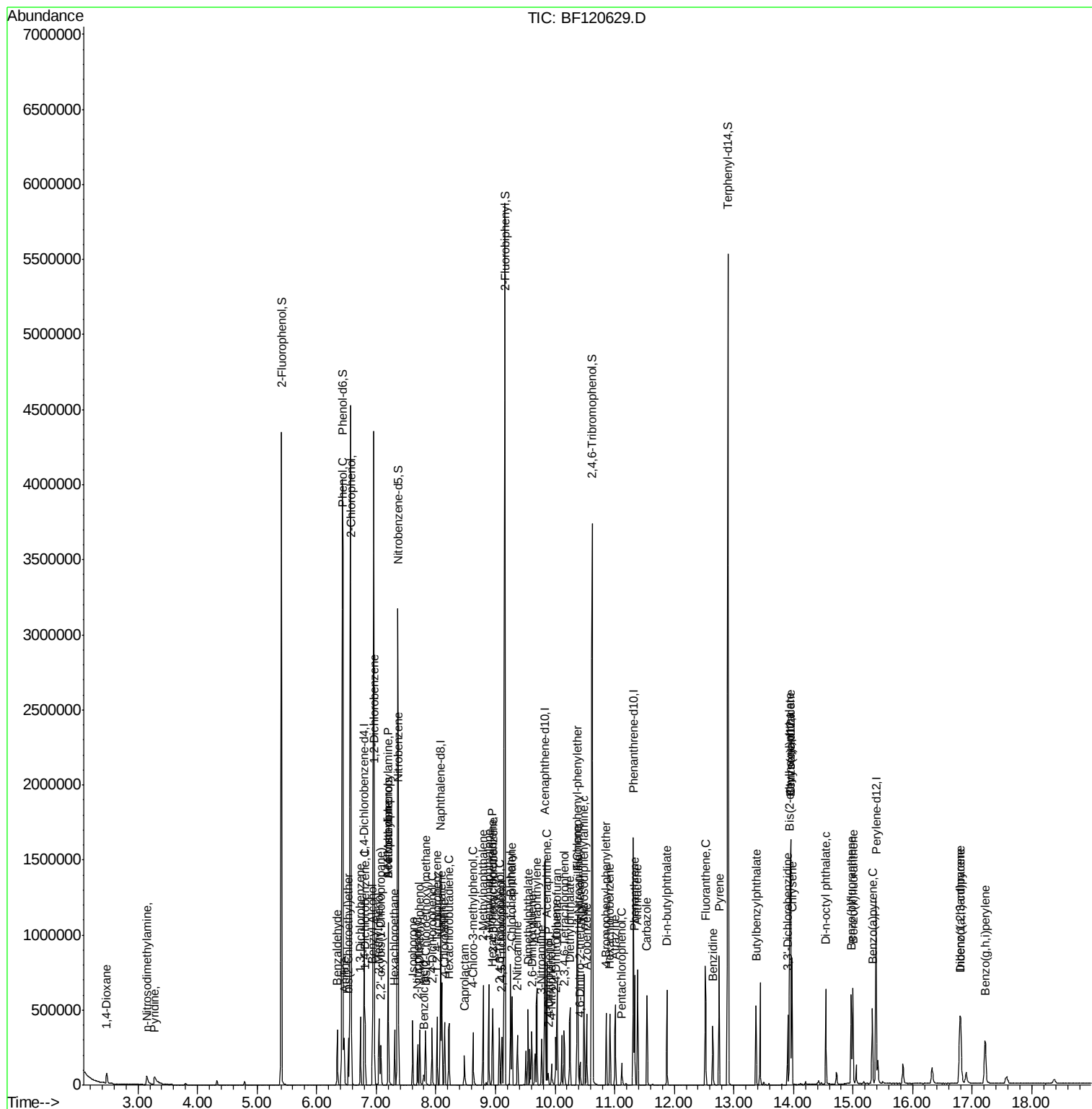
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	30279	5.585	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	51400	7.489	ng	100
44) 2,4,5-Trichlorophenol	9.10	196	53596	6.883	ng	95
46) 1,1'-Biphenyl	9.25	154	234381	9.687	ng	97
47) 2-Chloronaphthalene	9.27	162	167941	8.488	ng	98
48) 2-Nitroaniline	9.37	65	45296	7.289	ng	94
49) Acenaphthylene	9.69	152	268924	8.807	ng	97
50) Dimethylphthalate	9.55	163	189458	8.118	ng	99
51) 2,6-Dinitrotoluene	9.61	165	39776	7.521	ng	97
52) Acenaphthene	9.86	154	164410	9.028	ng	99
53) 3-Nitroaniline	9.77	138	43537	6.854	ng	92
54) 2,4-Dinitrophenol	9.89	184	10543	3.718	ng	# 86
55) Dibenzofuran	10.03	168	246491	8.827	ng	99
56) 4-Nitrophenol	9.94	139	28660	5.990	ng	99
57) 2,4-Dinitrotoluene	10.01	165	51796	7.380	ng	# 86
58) Fluorene	10.37	166	188974	8.778	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	47219	7.708	ng	98
60) Diethylphthalate	10.25	149	190689	8.296	ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	94316	8.484	ng	97
62) 4-Nitroaniline	10.39	138	43756	6.938	ng	97
63) Azobenzene	10.53	77	181506	8.699	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	20510	5.500	ng	96
66) n-Nitrosodiphenylamine	10.49	169	164833	8.637	ng	99
67) 4-Bromophenyl-phenylether	10.86	248	57823	8.199	ng	92
68) Hexachlorobenzene	10.92	284	64240	8.472	ng	96
69) Atrazine	11.01	200	54160	9.171	ng	97
70) Pentachlorophenol	11.12	266	22993	5.454	ng	94
71) Phenanthrene	11.34	178	277990	8.999	ng	98
72) Anthracene	11.39	178	279775	8.985	ng	98
73) Carbazole	11.54	167	253833	8.235	ng	98
74) Di-n-butylphthalate	11.87	149	301099	8.689	ng	99
75) Fluoranthene	12.52	202	303842	8.603	ng	99
77) Benzidine	12.64	184	140945	8.479	ng	95
78) Pyrene	12.75	202	313282	8.997	ng	98
80) Butylbenzylphthalate	13.37	149	120222	7.776	ng	94
81) Benzo(a)anthracene	13.94	228	277053	9.382	ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	106535	9.445	ng	99
83) Chrysene	13.97	228	272619	9.000	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	175324	9.292	ng	99
85) Di-n-octyl phthalate	14.54	149	295680	8.211	ng	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	294653	8.684	ng	99
88) Benzo(b)fluoranthene	14.97	252	278670	8.387	ng	98
89) Benzo(k)fluoranthene	15.00	252	246496	8.384	ng	100
90) Benzo(a)pyrene	15.32	252	232564	7.821	ng	98
91) Dibenzo(a,h)anthracene	16.81	278	245474	9.022	ng	99
92) Benzo(g,h,i)perylene	17.22	276	248372	9.056	ng	99

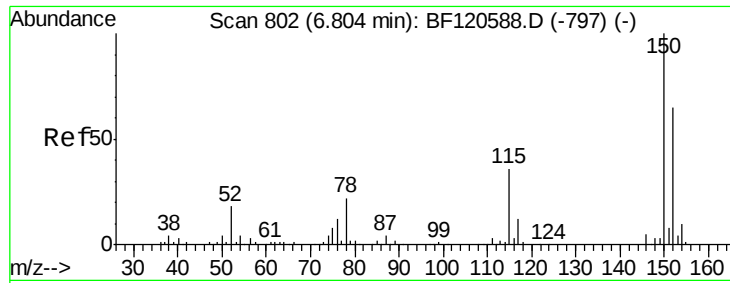
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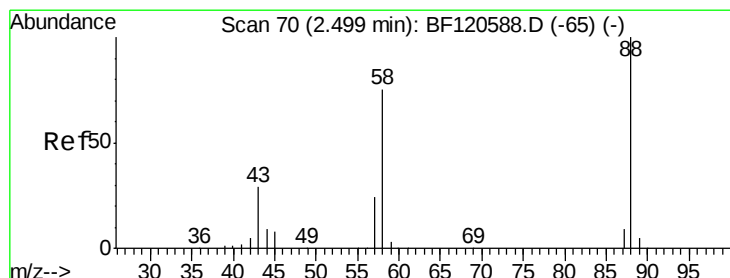
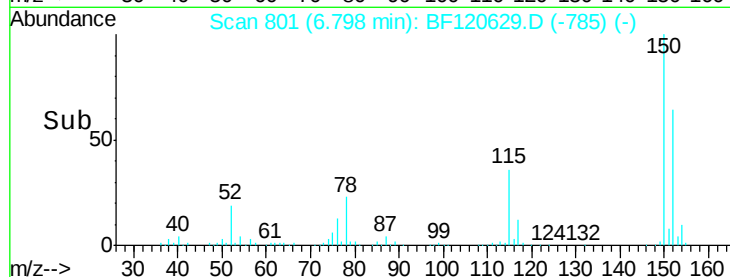
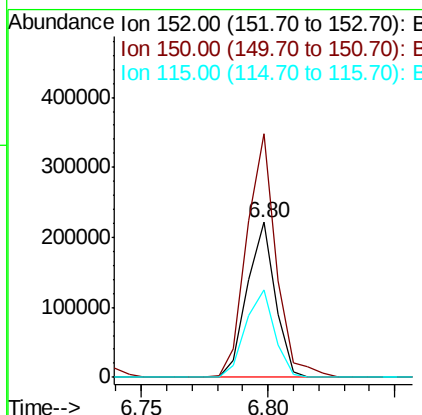
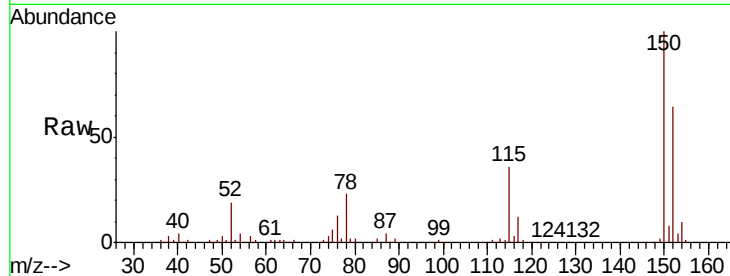




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

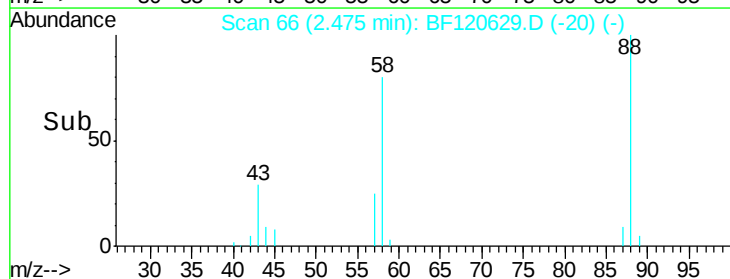
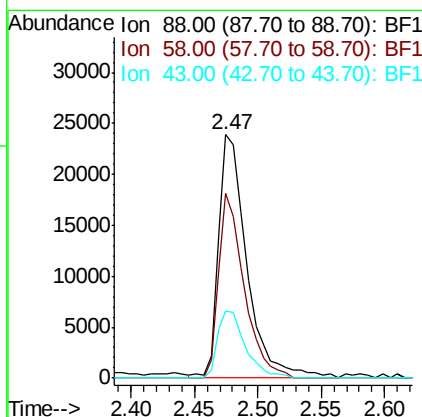
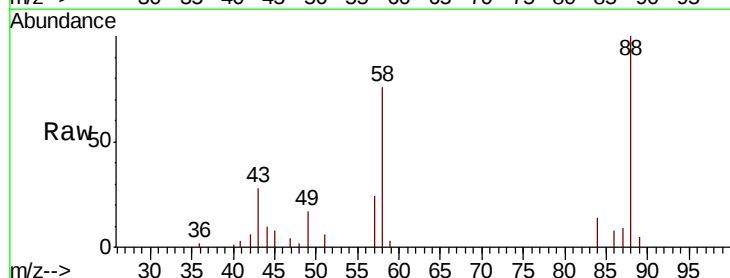
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

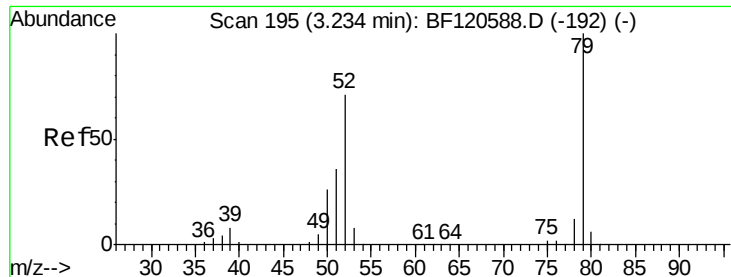
Tot Ion:152 Resp: 171121
 Ion Ratio Lower Upper
 152 100
 150 157.1 123.2 184.8
 115 56.2 43.9 65.9



#2
 1,4-Dioxane
 Concen: 7.904 ng
 RT: 2.47 min Scan# 66
 Delta R.T. -0.03 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion: 88 Resp: 37392
 Ion Ratio Lower Upper
 88 100
 58 68.2 59.6 89.4
 43 27.1 23.1 34.7





#3

Pvridine

Concen: 5.459 ng

RT: 3.28 min Scan# 203

Delta R.T. 0.04 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

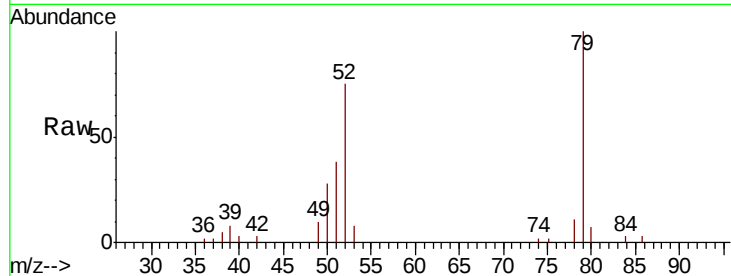
Tot Ion: 79 Resp: 72600

Ion Ratio Lower Upper

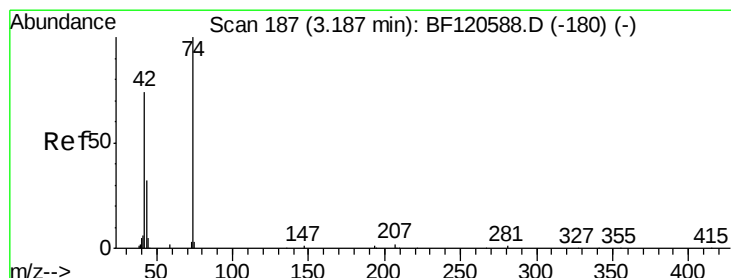
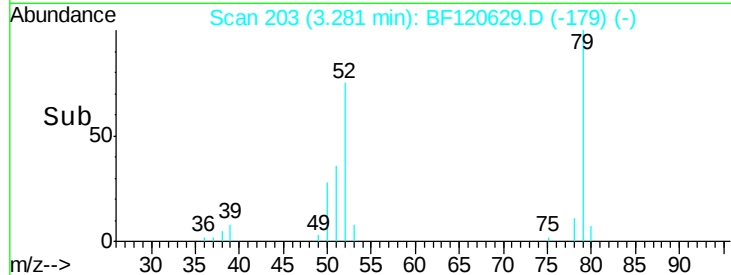
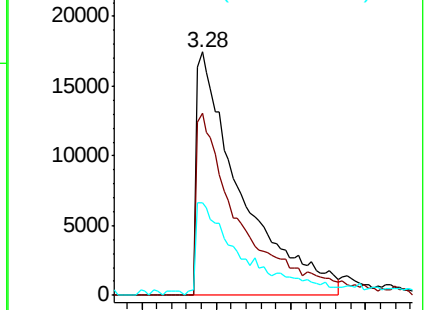
79 100

52 74.7 57.0 85.6

51 38.2 28.5 42.7



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 6.919 ng

RT: 3.15 min Scan# 181

Delta R.T. -0.04 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

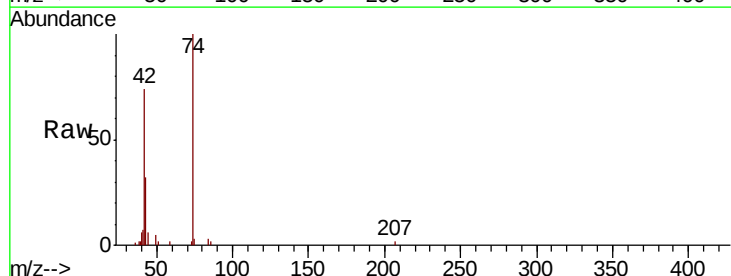
Tgt Ion: 42 Resp: 38185

Ion Ratio Lower Upper

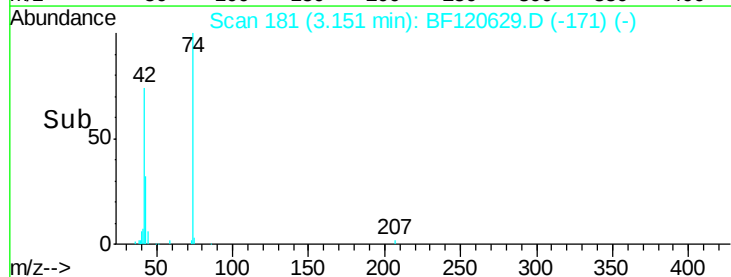
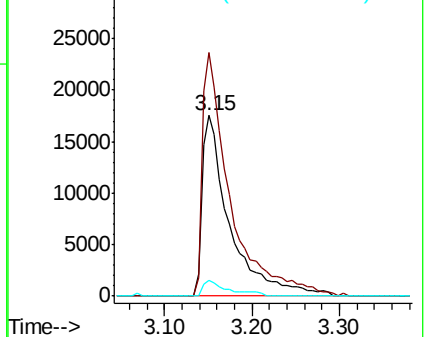
42 100

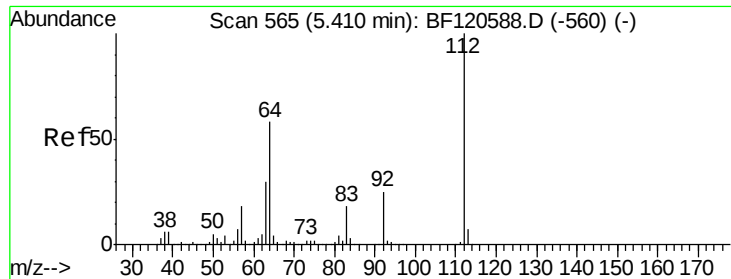
74 134.9 107.8 161.6

44 8.4 5.1 7.7#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 141.151 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120629.D

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ClientSampleId :

MDL-WATER-03-QT2-2020

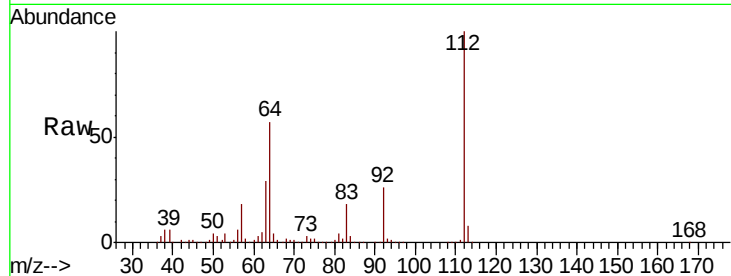
Tot Ion:112 Resp: 1408845

Ion Ratio Lower Upper

112 100

64 56.7 46.1 69.1

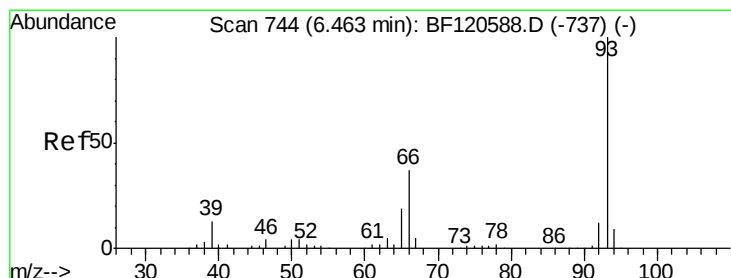
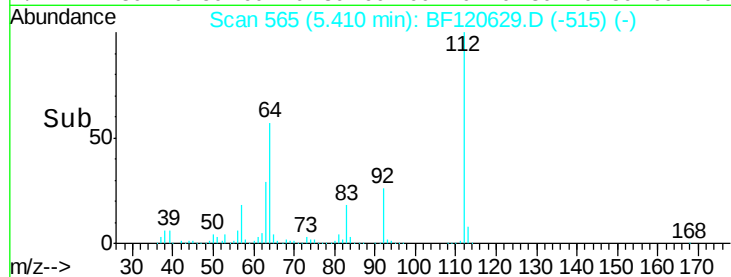
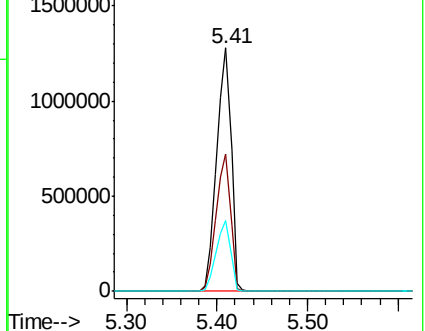
63 29.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 8.214 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

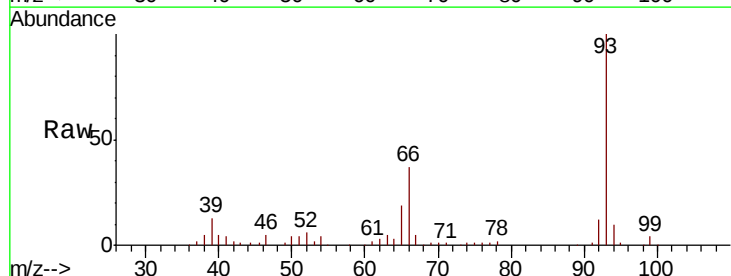
Tgt Ion: 93 Resp: 130682

Ion Ratio Lower Upper

93 100

66 36.8 30.9 46.3

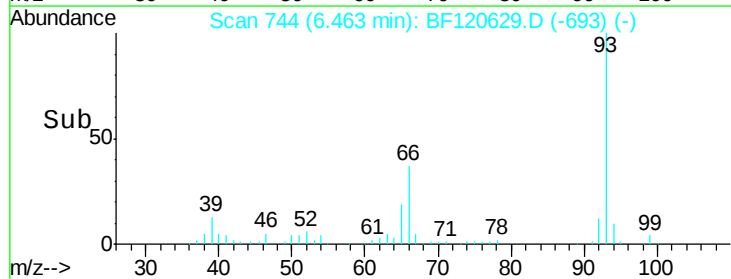
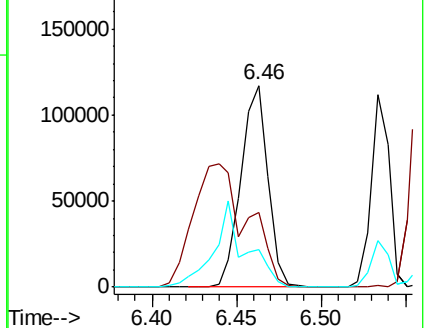
65 18.7 15.9 23.9

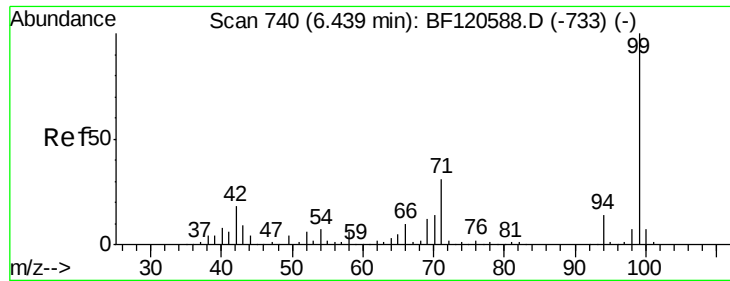


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 143.646 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

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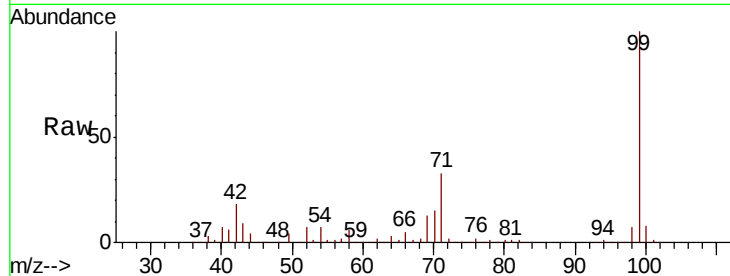
Tot Ion: 99 Resp: 1785718

Ion Ratio Lower Upper

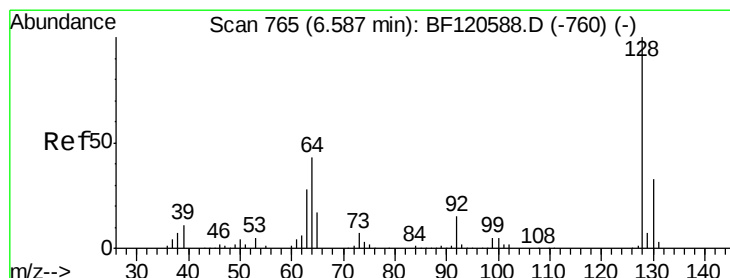
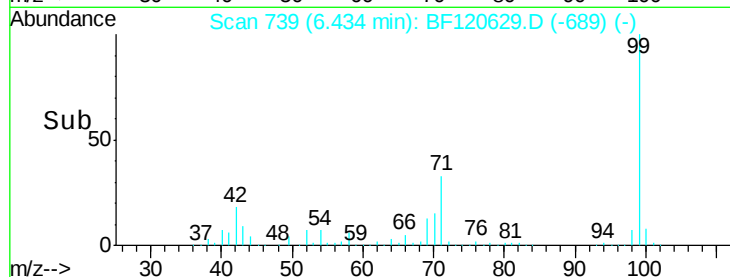
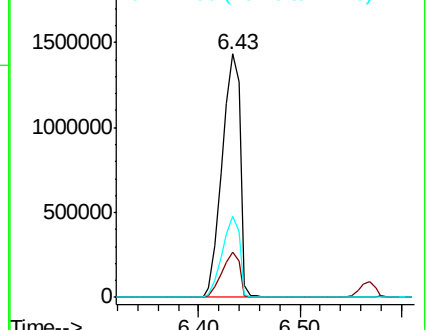
99 100

42 18.5 14.0 21.0

71 33.4 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: 7.731 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

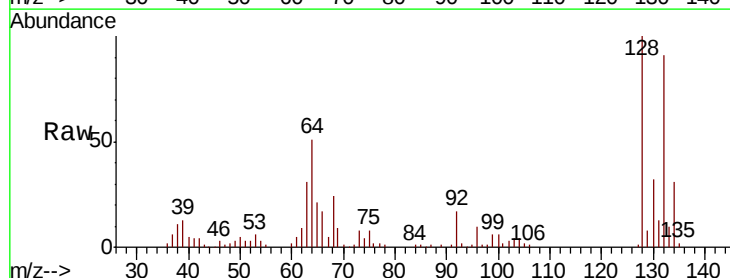
Tgt Ion: 128 Resp: 87193

Ion Ratio Lower Upper

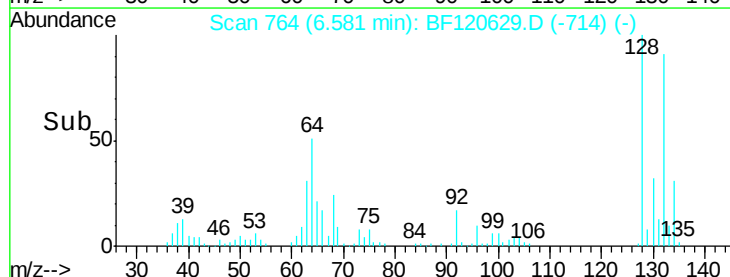
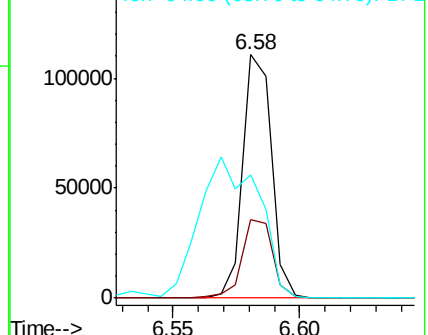
128 100

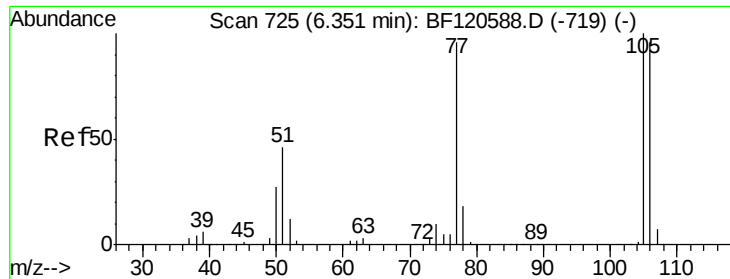
130 32.4 12.6 52.6

64 50.9 24.3 64.3



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

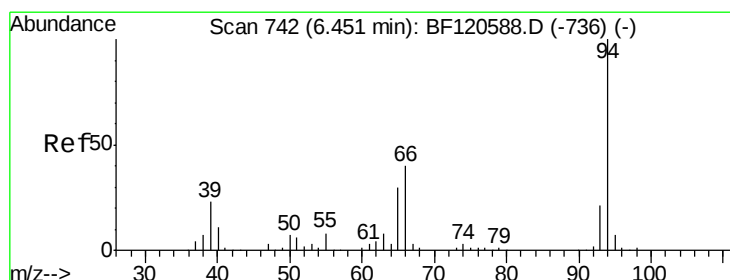
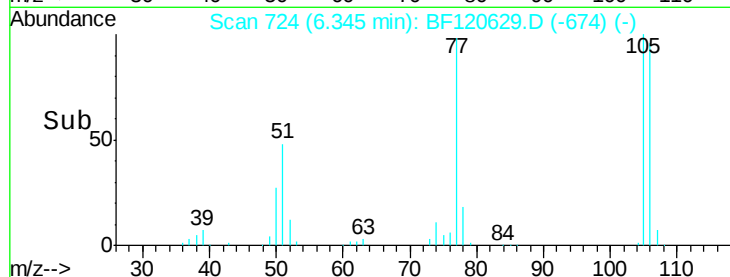
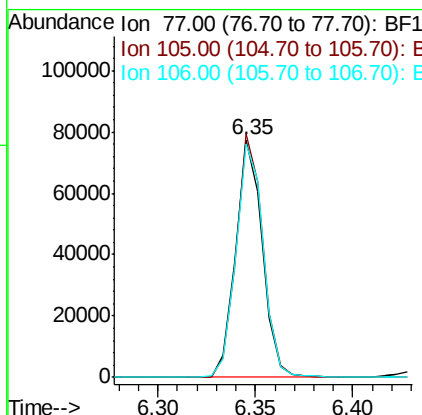
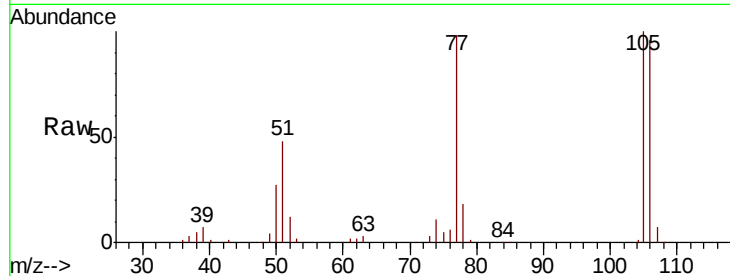




#9
Benzaldehyde
Concen: 9.309 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

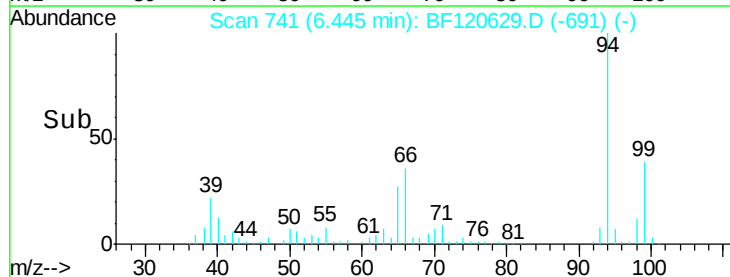
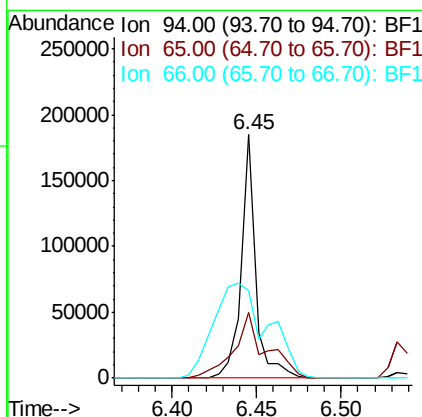
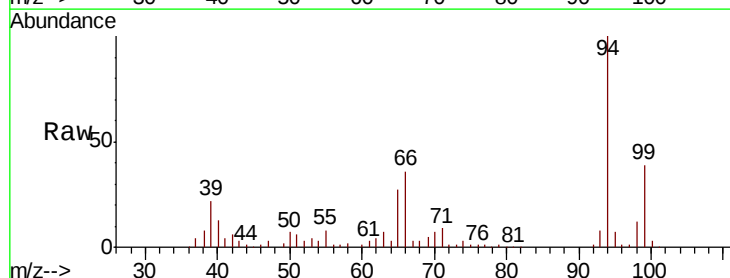
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

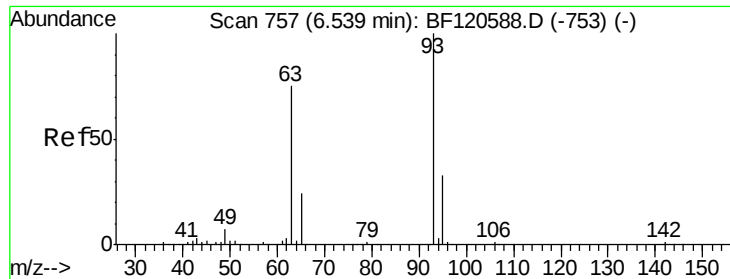
Tot Ion: 77 Resp: 73198
Ion Ratio Lower Upper
77 100
105 102.6 83.8 123.8
106 98.2 79.3 119.3



#10
Phenol
Concen: 8.243 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion: 94 Resp: 109328
Ion Ratio Lower Upper
94 100
65 27.2 9.9 49.9
66 35.8 20.1 60.1

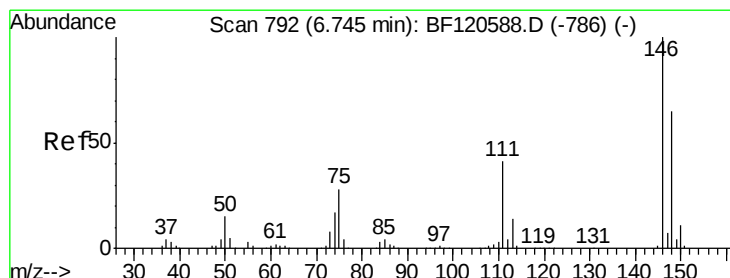
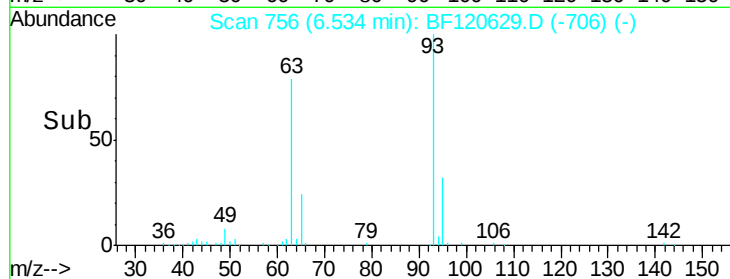
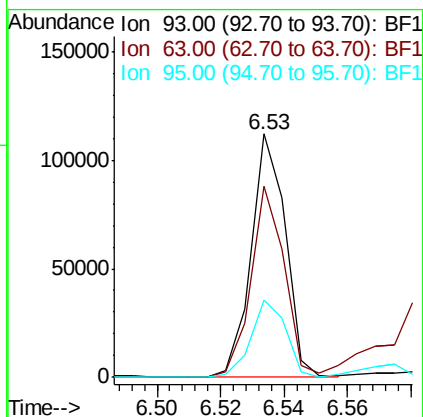
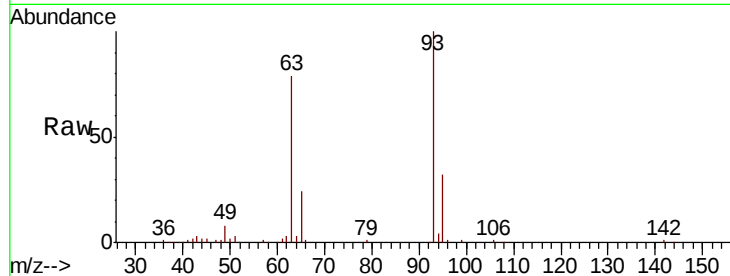




#11
 bis(2-Chloroethyl)ether
 Concen: 7.639 ng
 RT: 6.53 min Scan# 756
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

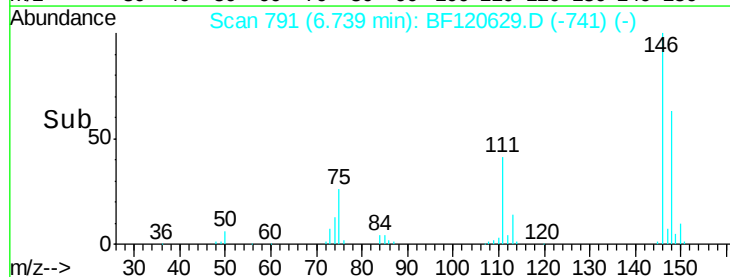
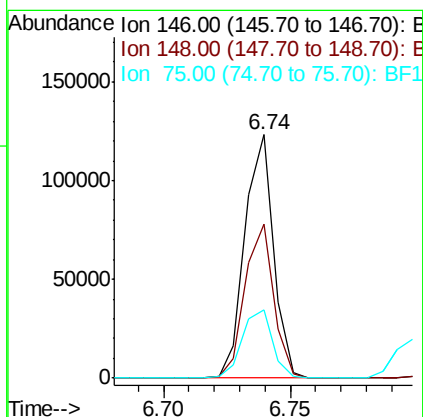
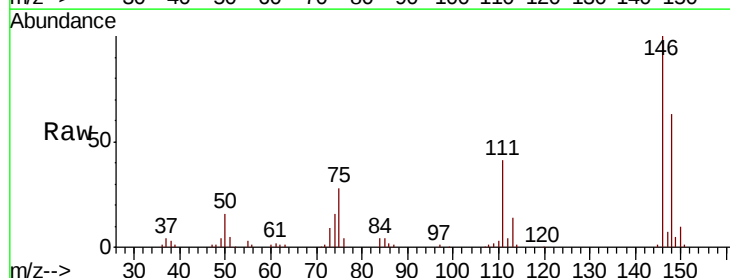
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

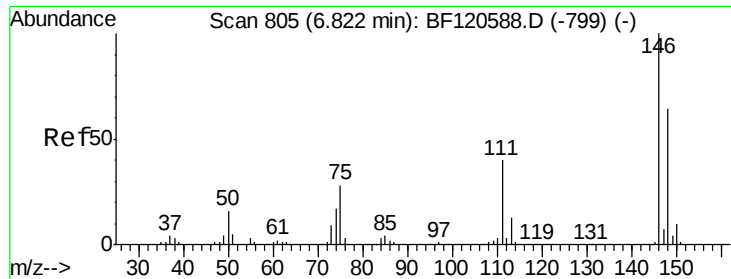
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.7	54.4	94.4
95	31.7	12.9	52.9



#12
 1,3-Dichlorobenzene
 Concen: 8.093 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.0	51.8	77.6
75	28.0	22.2	33.4

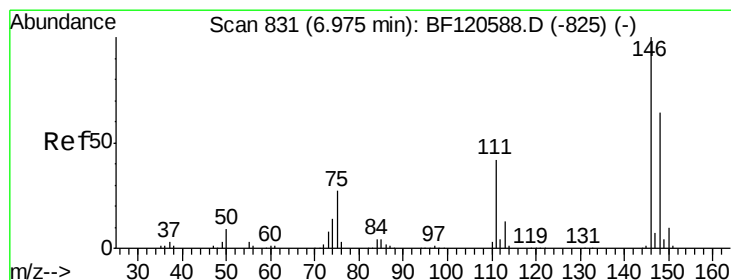
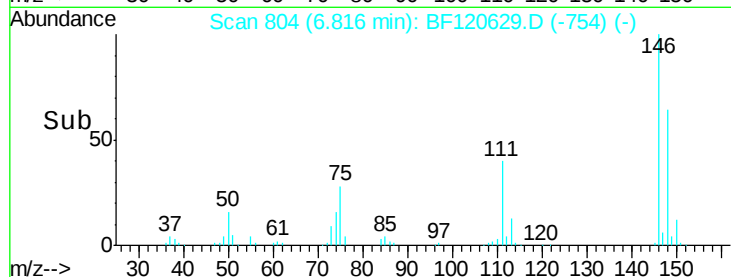
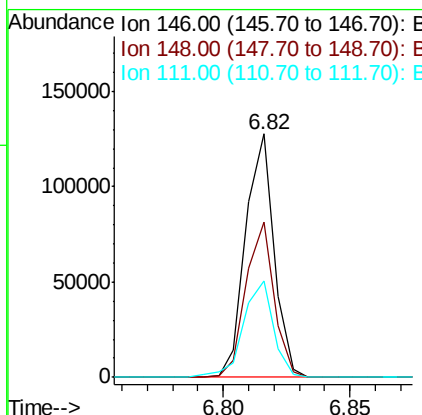
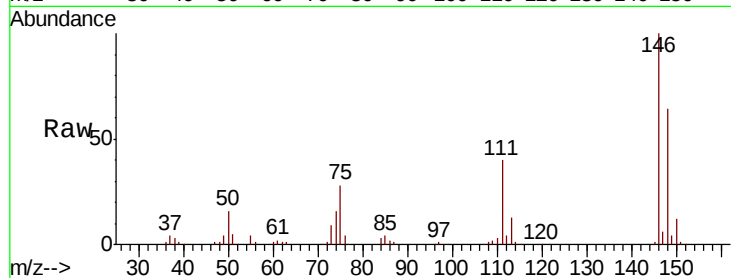




#13
 1,4-Dichlorobenzene
 Concen: 8.416 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

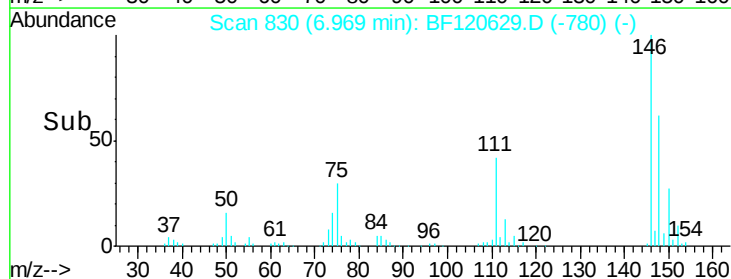
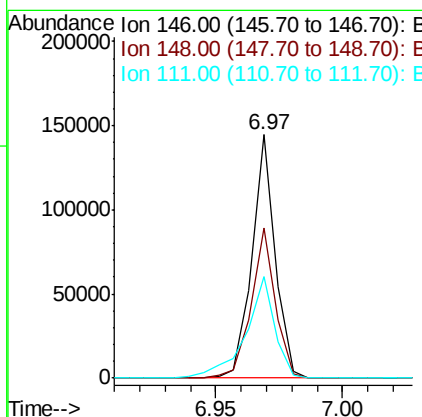
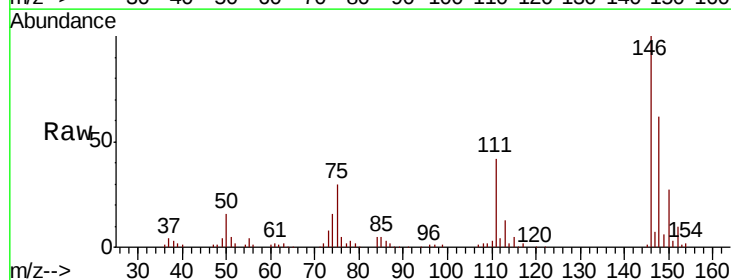
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.5	77.3
111	39.7	32.2	48.4



#14
 1,2-Dichlorobenzene
 Concen: 7.981 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	50.8	76.2
111	41.8	33.6	50.4

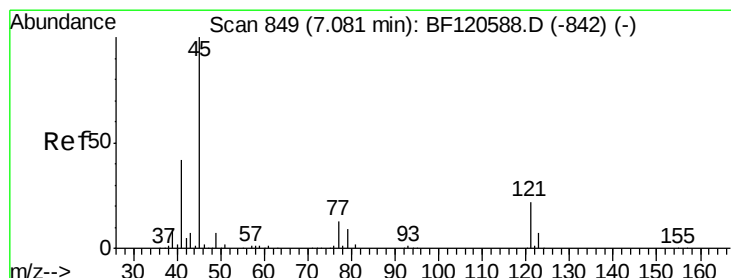
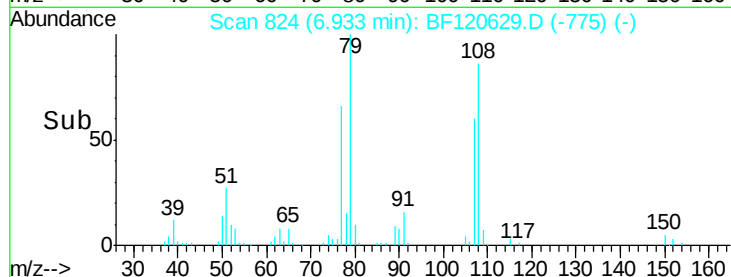
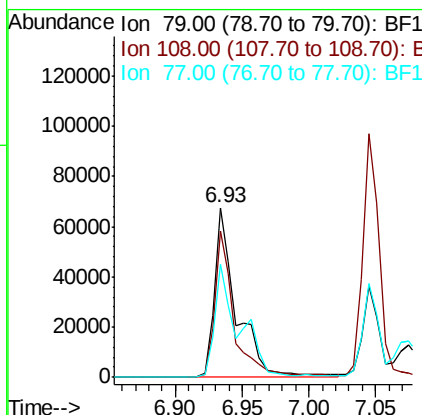
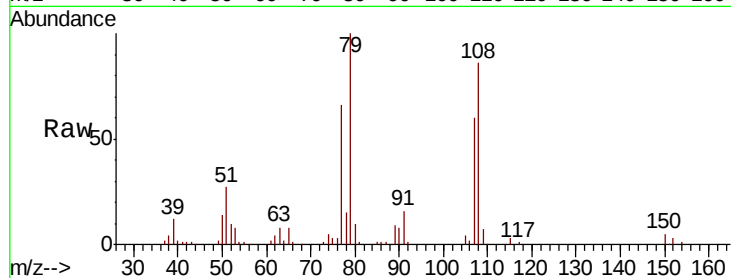




#15
Benzyl Alcohol
Concen: 9.075 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

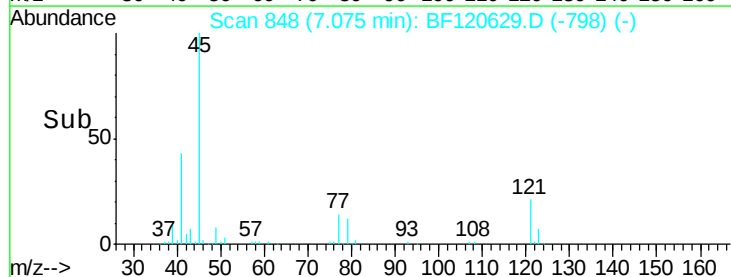
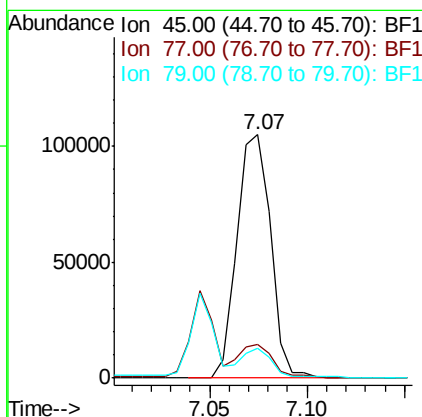
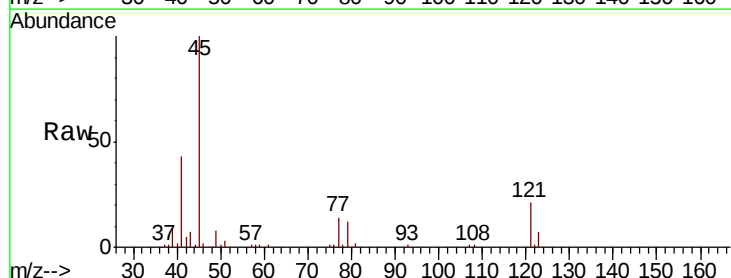
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

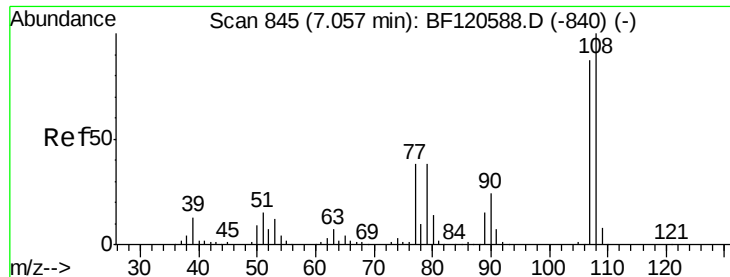
Tot Ion: 79 Resp: 80009
Ion Ratio Lower Upper
79 100
108 86.1 66.8 100.2
77 66.3 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 7.896 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion: 45 Resp: 125604
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.2
79 12.2 0.0 30.9





#17

2-Methylphenol

Concen: 7.353 ng

RT: 7.05 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

Tot Ion:107 Resp: 70730

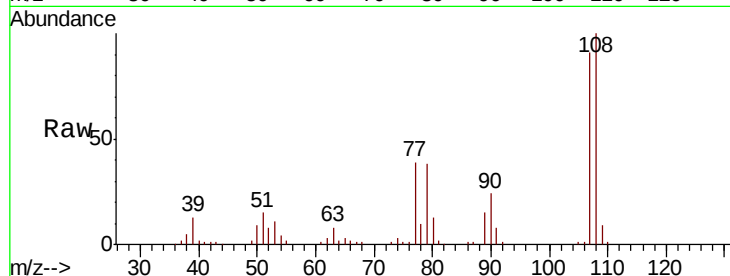
Ion Ratio Lower Upper

107 100

108 110.3 91.9 137.9

77 42.7 35.4 53.2

79 41.4 34.8 52.2

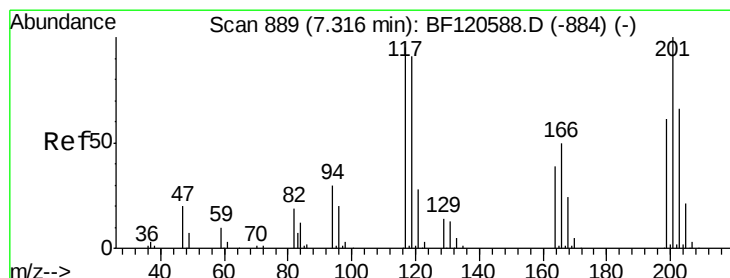
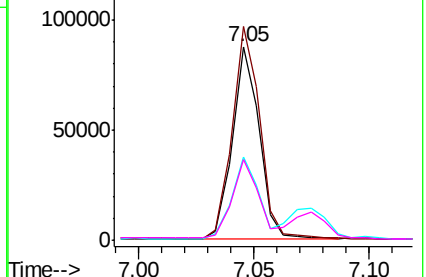
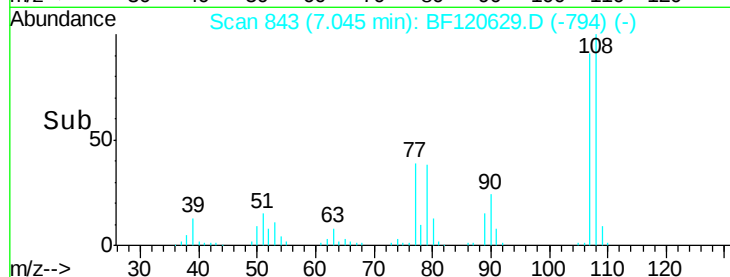


Abundance Ion 107.00 (106.70 to 107.70): E

150000 Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 8.098 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

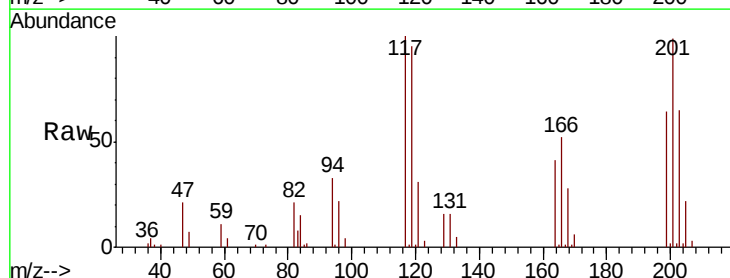
Tgt Ion:117 Resp: 35301

Ion Ratio Lower Upper

117 100

119 95.3 76.9 115.3

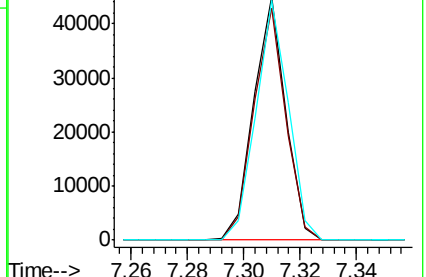
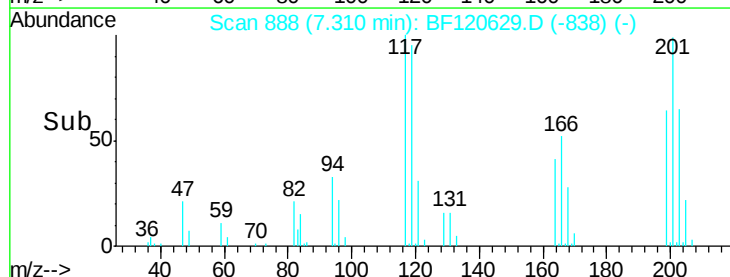
201 98.7 84.6 127.0

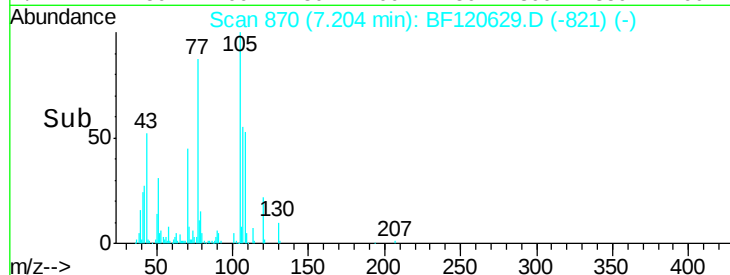
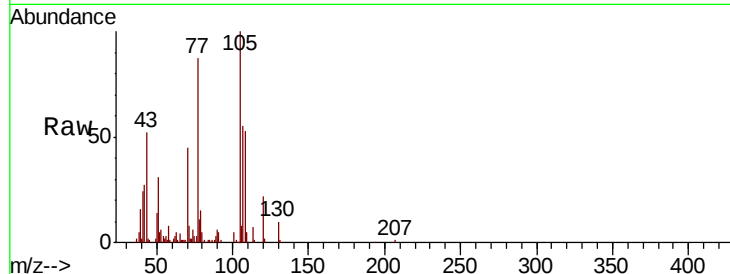
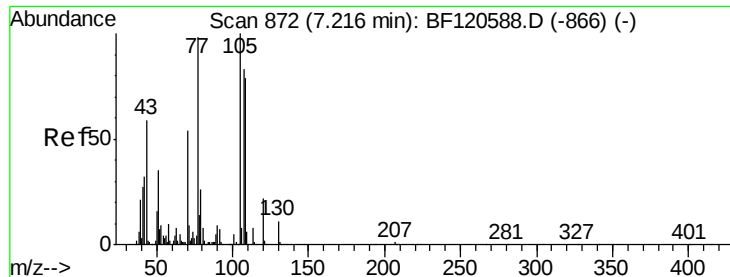


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

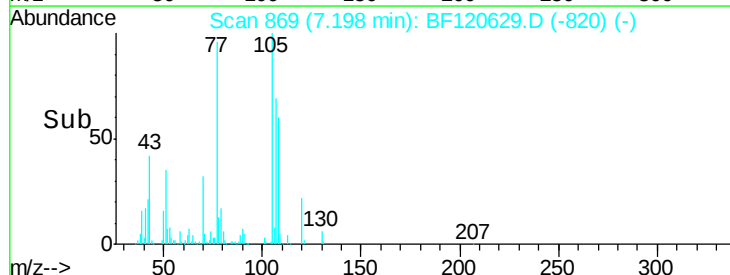
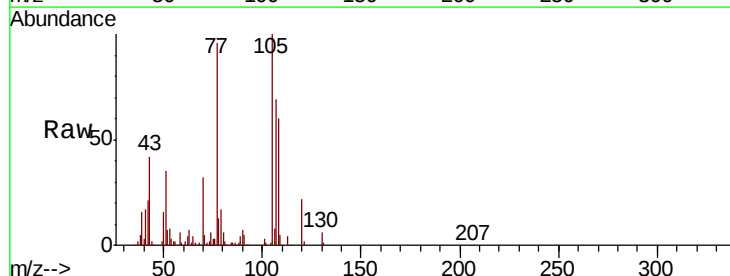
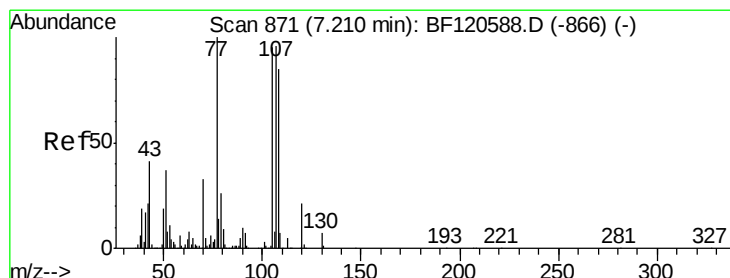
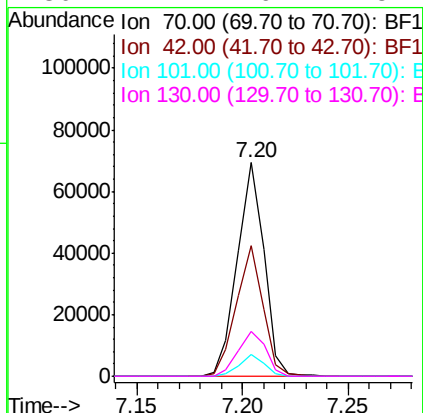




#19
n-Nitroso-di-n-propylamine
Concen: 8.446 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

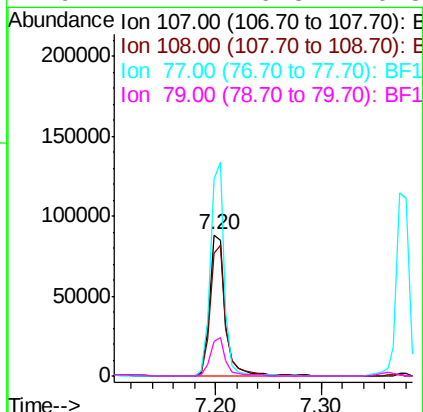
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:	70	Resp:	60901
Ion	Ratio	Lower	Upper
70	100		
42	60.9	47.7	71.5
101	10.0	7.6	11.4
130	21.2	16.7	25.1



#20
3+4-Methylphenols
Concen: 7.690 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:	107	Resp:	92438
Ion	Ratio	Lower	Upper
107	100		
108	86.7	68.7	108.7
77	139.3	84.2	124.2#
79	24.1	6.8	46.8

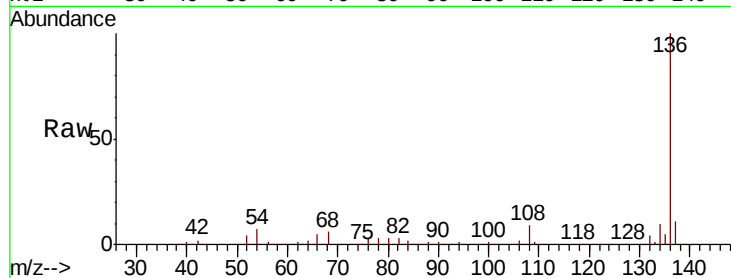




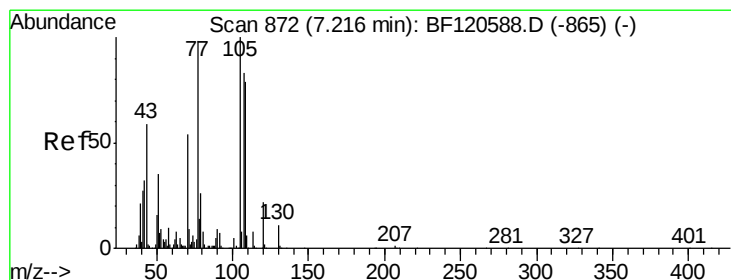
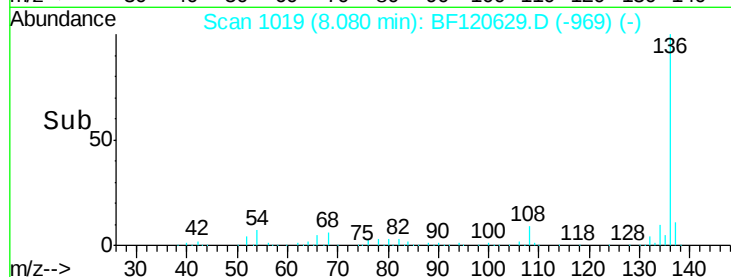
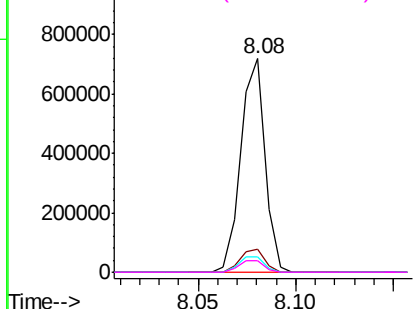
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:136	Resp: 618618
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 7.3	5.8 8.6
68 5.6	4.4 6.6

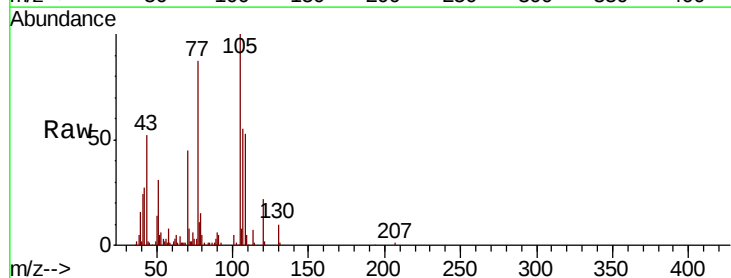


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

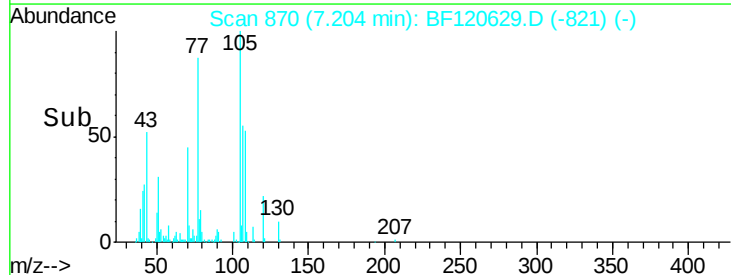
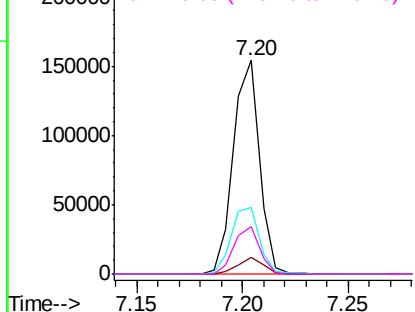


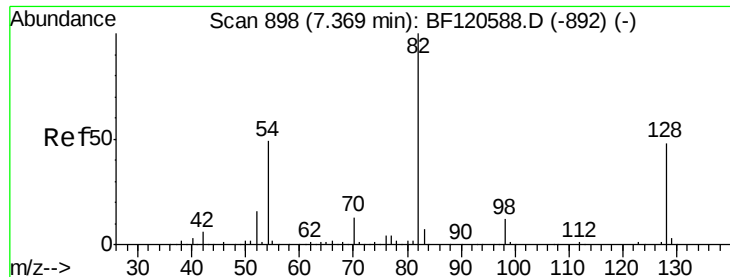
#22
Acetophenone
Concen: 9.476 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt	Ion:105	Resp:	131062
Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.2	10.8
51	31.4	27.8	41.8
120	22.3	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

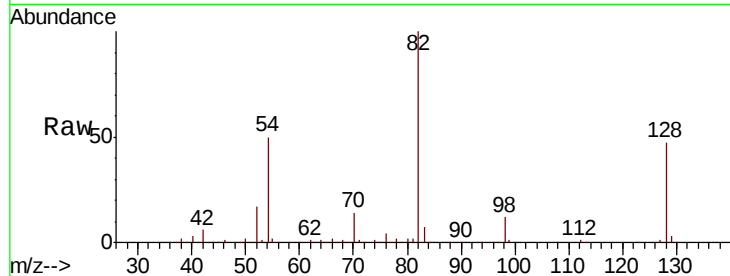




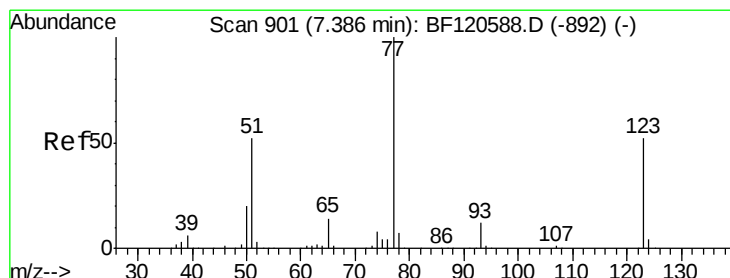
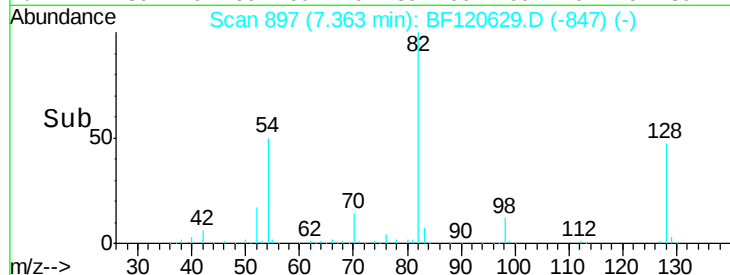
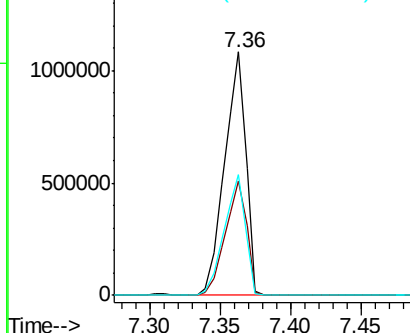
#23
Nitrobenzene-d5
Concen: 102.162 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion: 82 Resp: 1130645
Ion Ratio Lower Upper
82 100
128 46.9 38.0 57.0
54 49.8 38.8 58.2

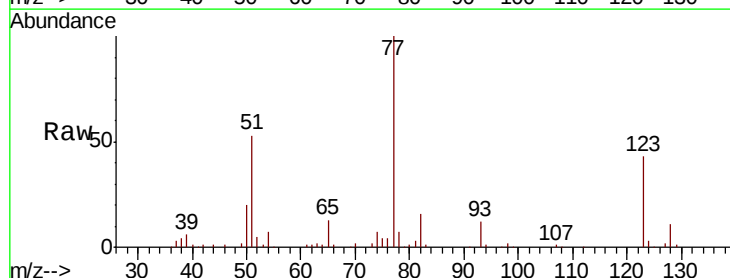


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

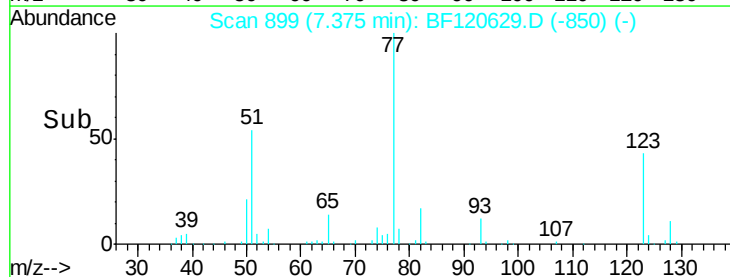
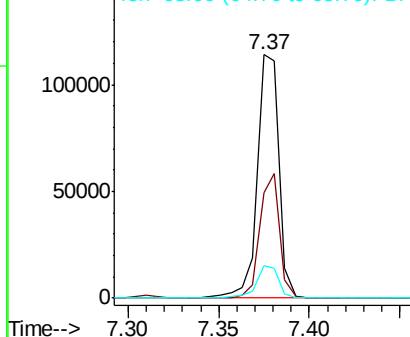


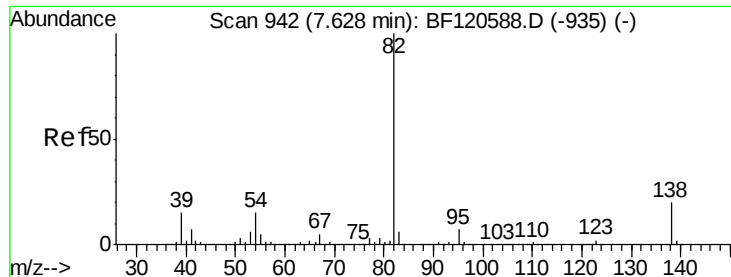
#24
Nitrobenzene
Concen: 8.190 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion: 77 Resp: 94848
Ion Ratio Lower Upper
77 100
123 43.5 41.4 62.0
65 13.3 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: 7.718 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

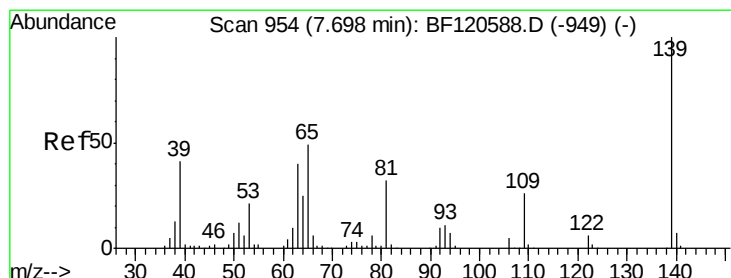
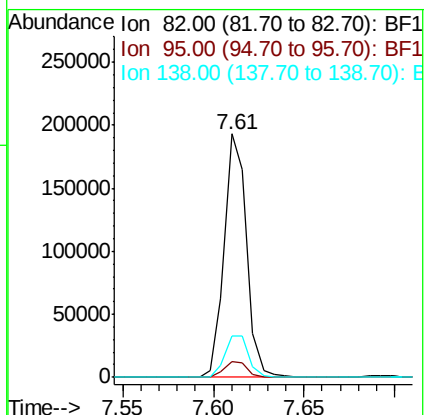
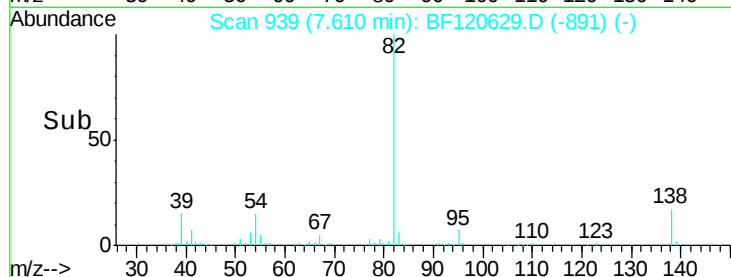
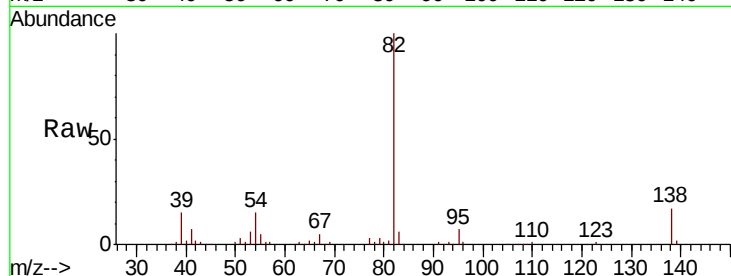
Tot Ion: 82 Resp: 166385

Ion Ratio Lower Upper

82 100

95 6.6 5.7 8.5

138 16.9 16.2 24.4



#26

2-Nitrophenol

Concen: 7.132 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

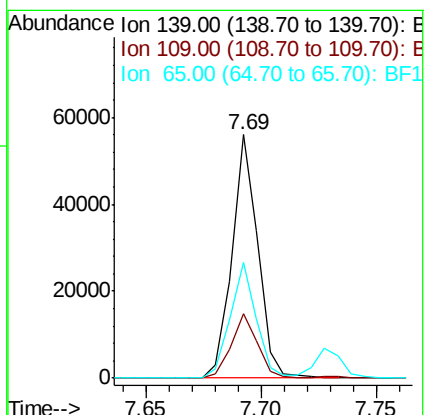
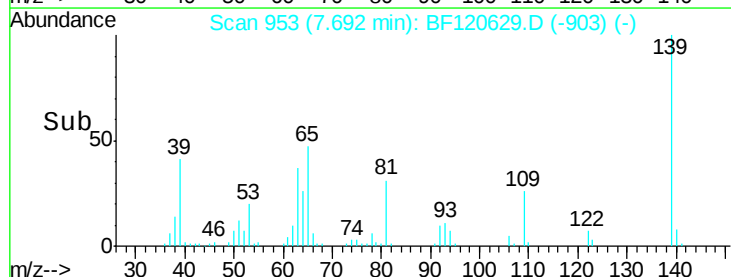
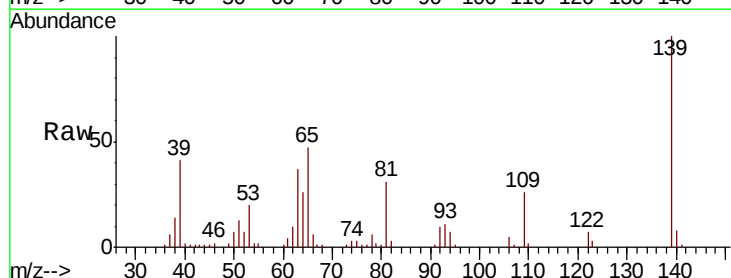
Tgt Ion: 139 Resp: 43699

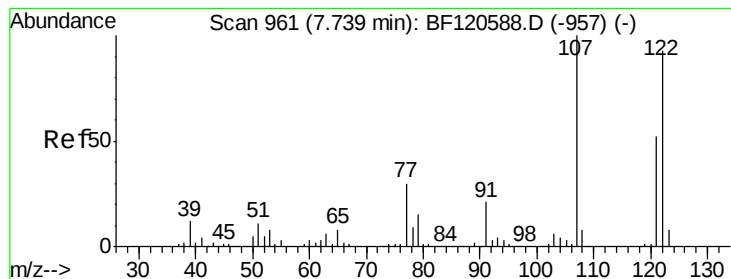
Ion Ratio Lower Upper

139 100

109 26.3 21.1 31.7

65 47.2 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 6.825 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

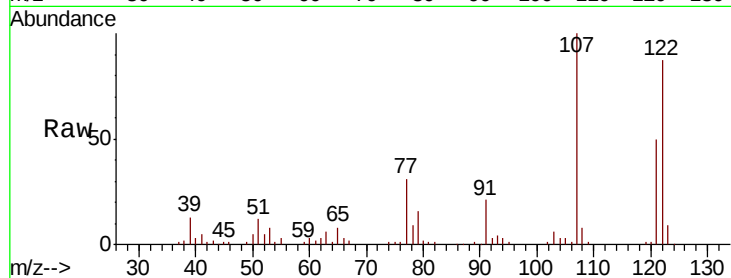
Tot Ion:122 Resp: 61575

Ion Ratio Lower Upper

122 100

107 115.1 86.4 129.6

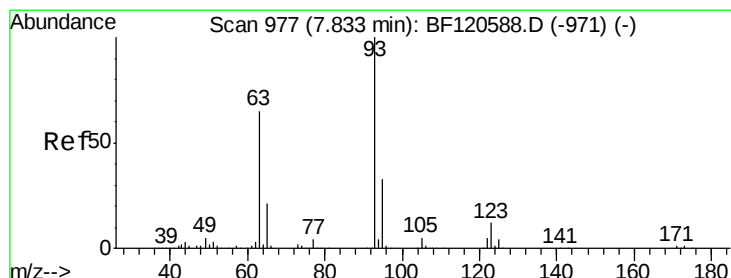
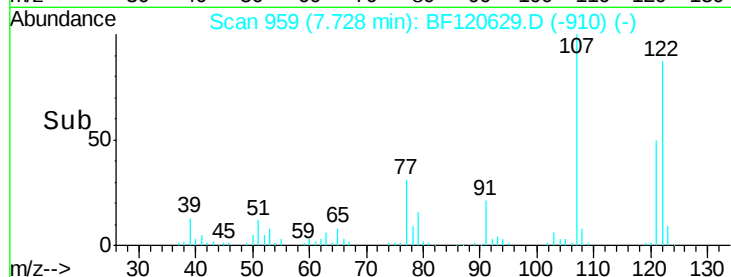
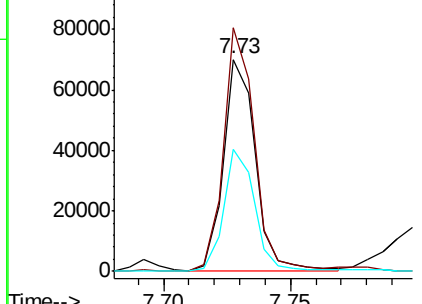
121 57.9 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 8.603 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

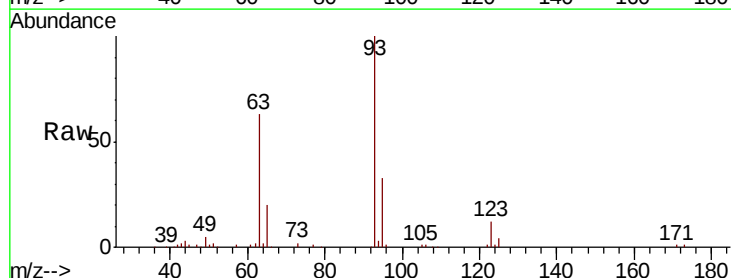
Tgt Ion: 93 Resp: 107508

Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

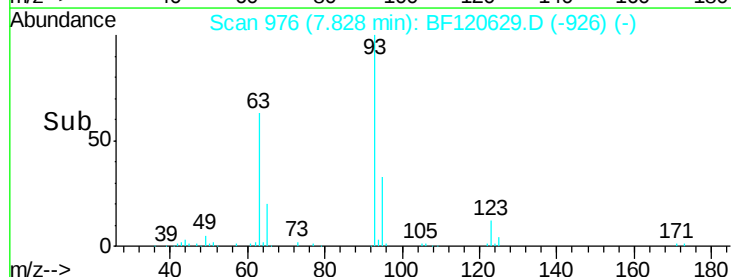
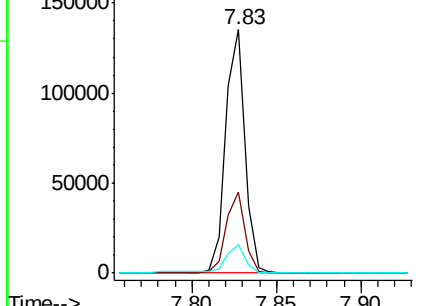
123 11.6 9.5 14.3

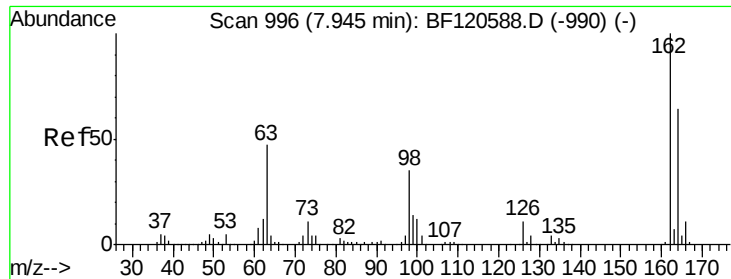


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

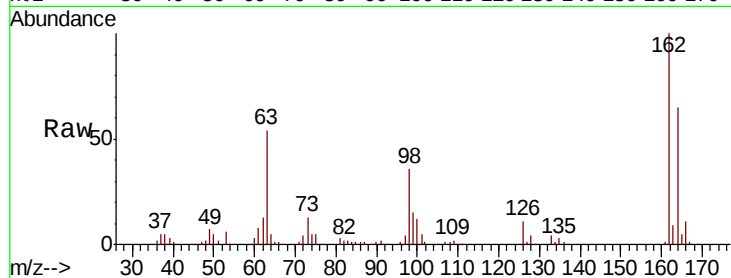




#29
2,4-Dichlorophenol
Concen: 7.947 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.1	84.1
98	36.5	14.7	54.7

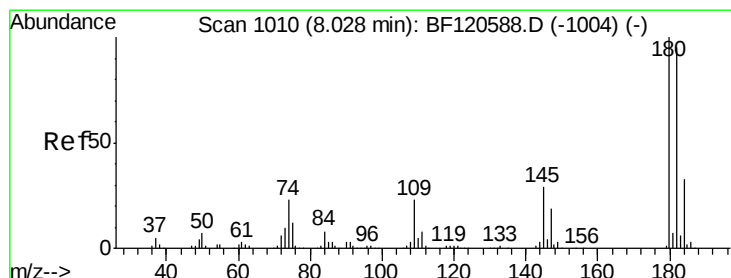
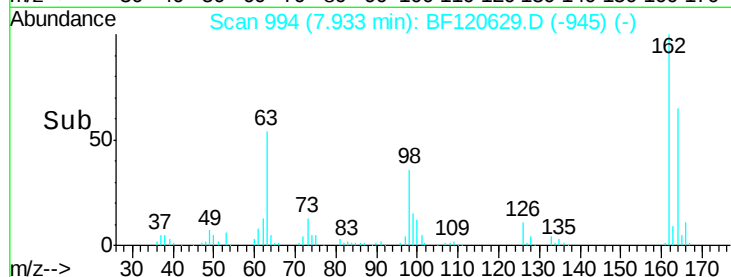
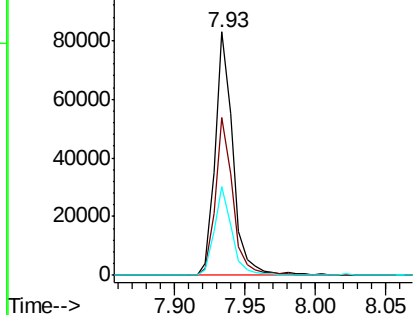


Abundance

Ion 162.00 (161.70 to 162.70): E

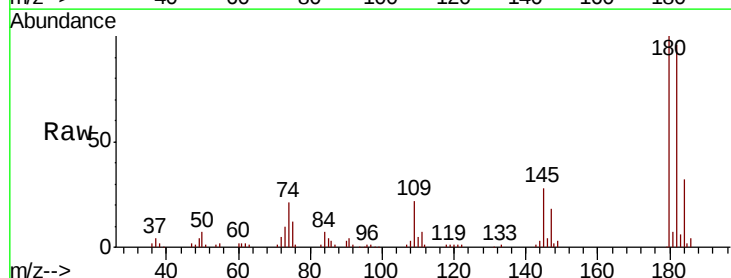
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 8.204 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	75.8	113.6
145	27.9	23.0	34.6

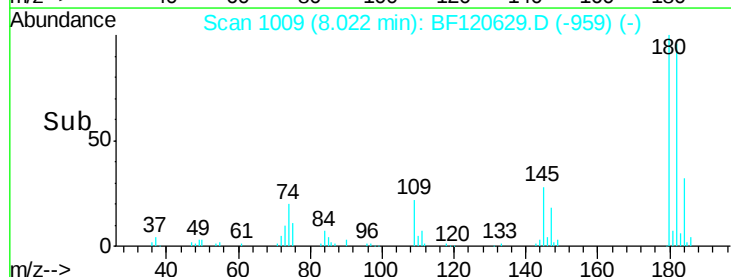
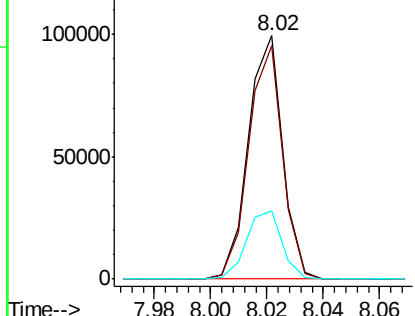


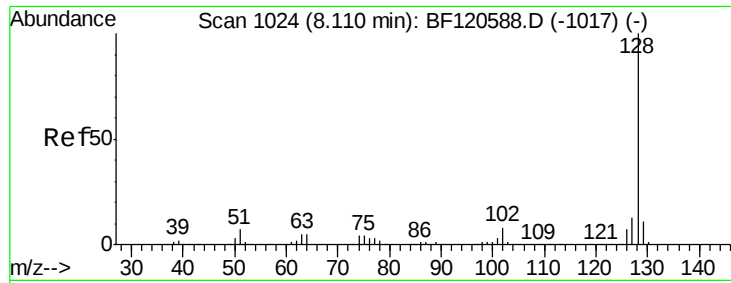
Abundance

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

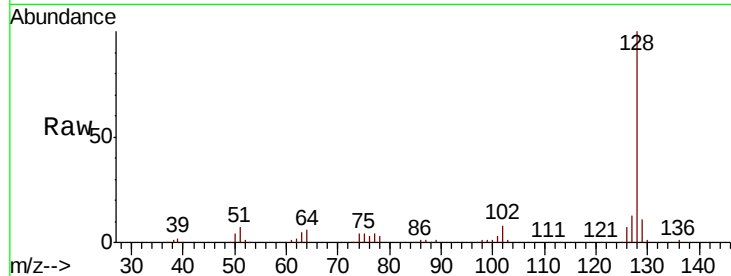




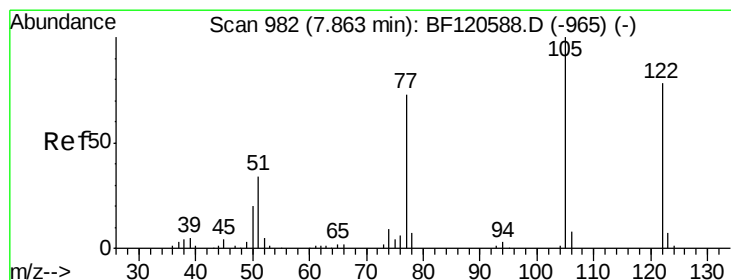
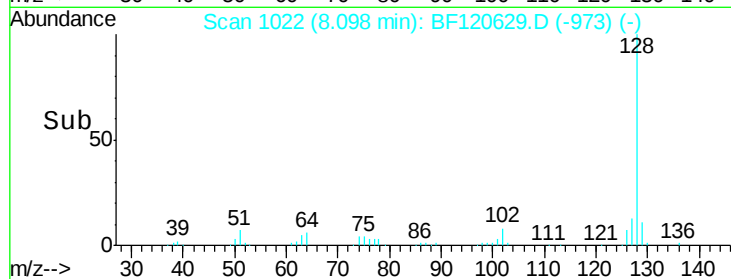
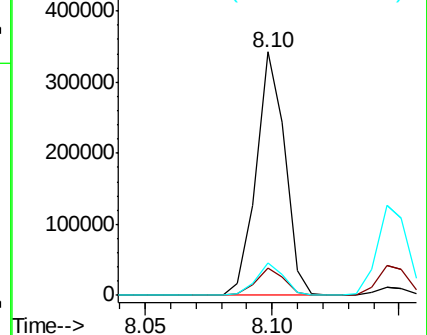
#31
Naphthalene
Concen: 8.935 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:128 Resp: 271398
Ion Ratio Lower Upper
128 100
129 11.0 8.8 13.2
127 13.2 10.6 15.8

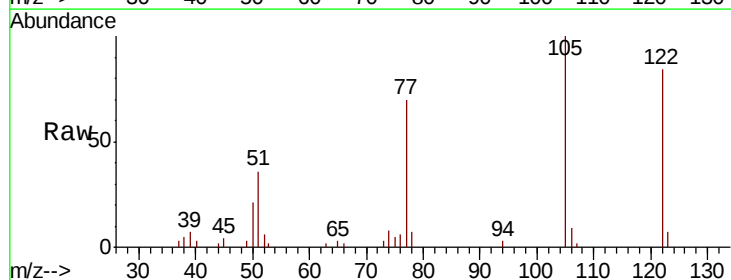


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

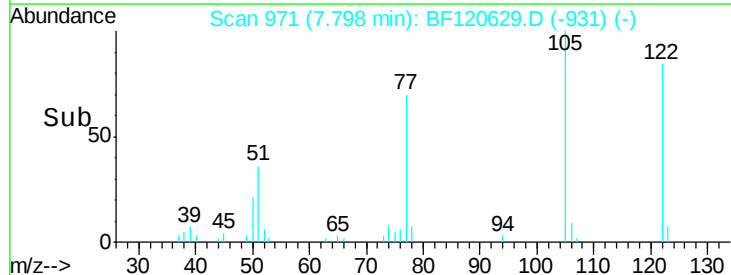
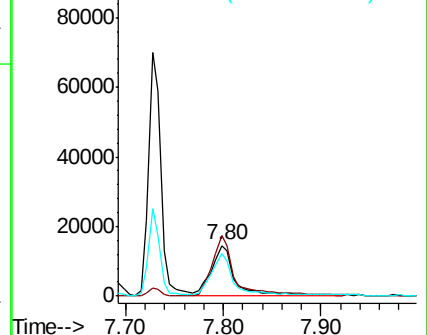


#32
Benzoic acid
Concen: 3.630 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.06 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:122 Resp: 25126
Ion Ratio Lower Upper
122 100
105 119.4 101.0 141.0
77 83.3 69.8 109.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

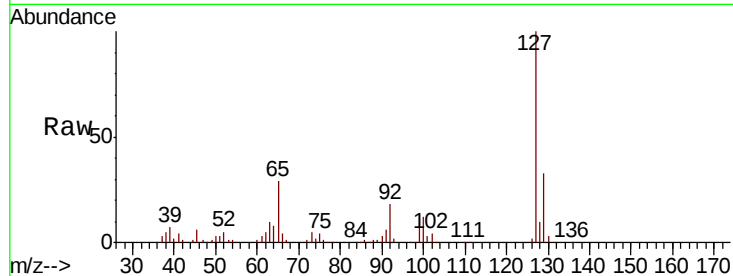




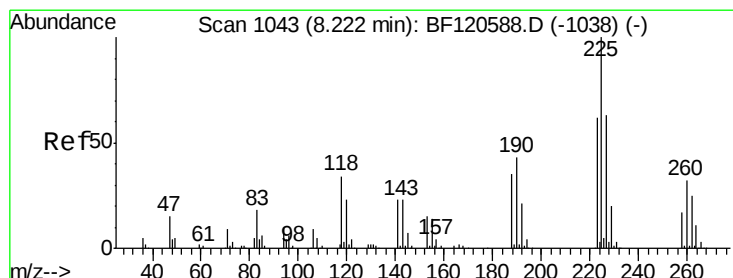
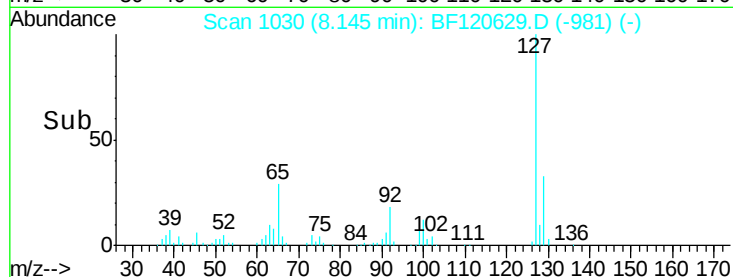
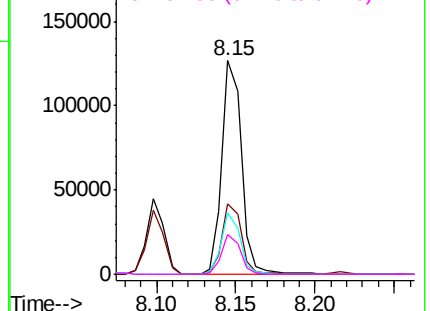
#33
4-Chloroaniline
Concen: 7.846 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:	127	Resp:	109398
Ion	Ratio	Lower	Upper
127	100		
129	32.9	25.9	38.9
65	28.8	22.2	33.4
92	18.5	14.2	21.2

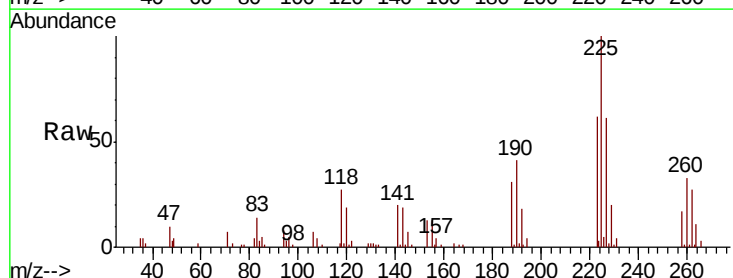


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

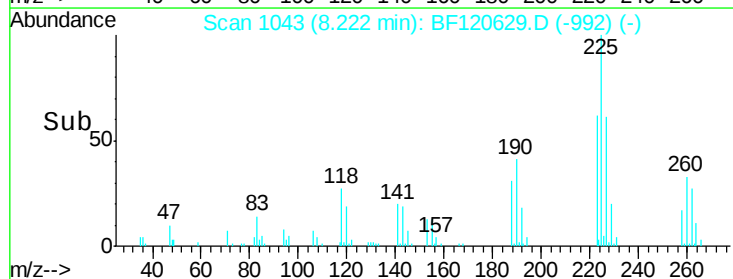
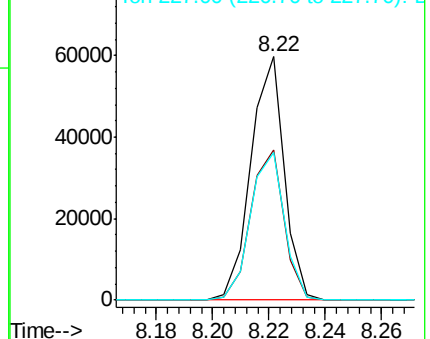


#34
Hexachlorobutadiene
Concen: 8.238 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:	225	Resp:	48801
Ion	Ratio	Lower	Upper
225	100		
223	61.5	49.9	74.9
227	60.9	50.5	75.7



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

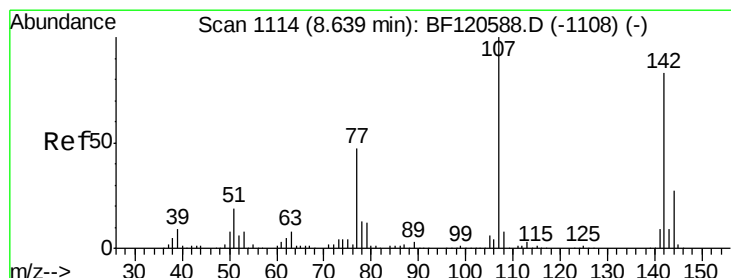
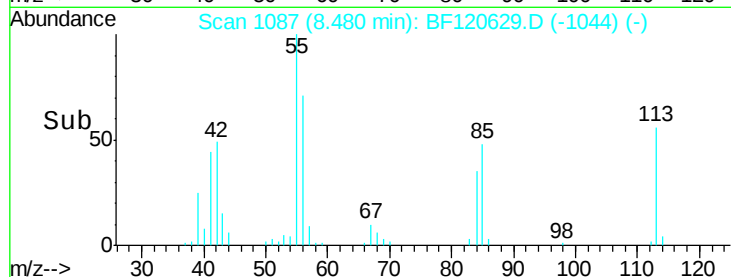
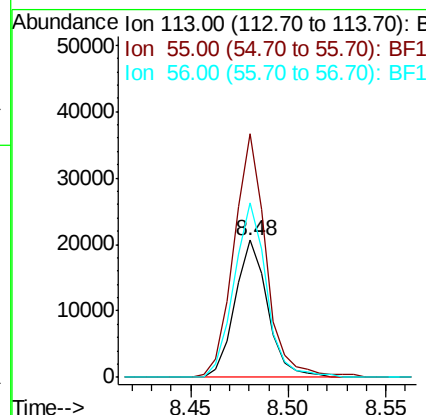
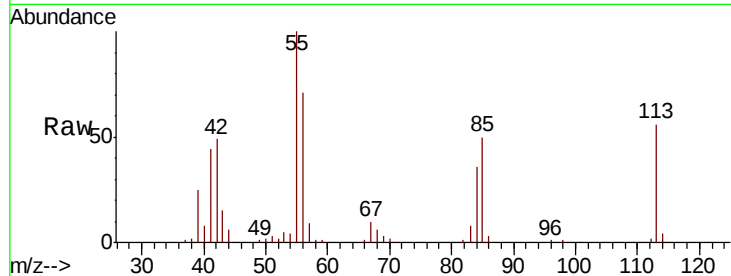




#35
 Caprolactam
 Concen: 8.204 ng
 RT: 8.48 min Scan# 1087
 Delta R.T. -0.05 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

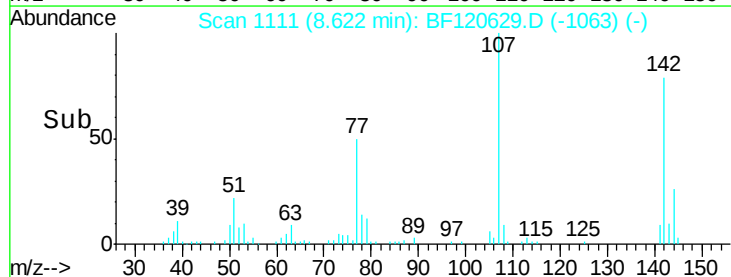
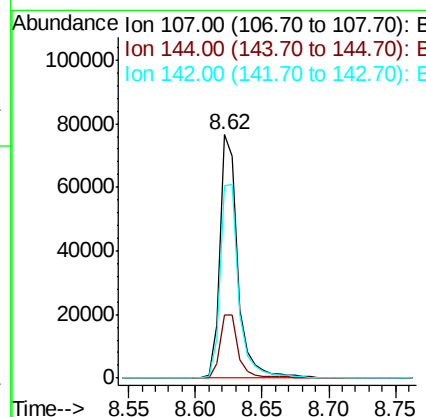
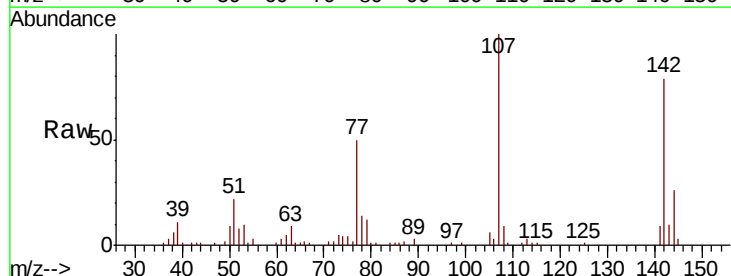
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

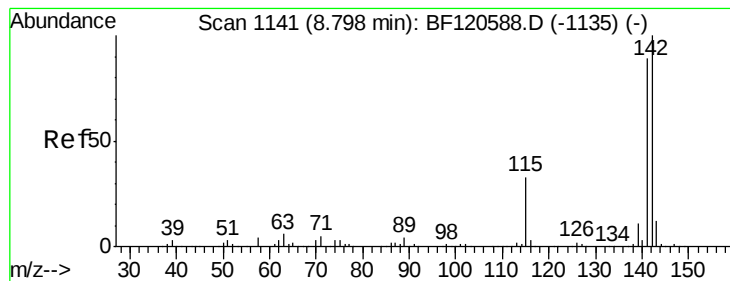
Tot Ion:113 Resp: 24062
 Ion Ratio Lower Upper
 113 100
 55 177.3 133.1 173.1#
 56 126.7 98.4 138.4



#36
 4-Chloro-3-methylphenol
 Concen: 7.921 ng
 RT: 8.62 min Scan# 1111
 Delta R.T. -0.02 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:107 Resp: 72572
 Ion Ratio Lower Upper
 107 100
 144 25.9 21.4 32.2
 142 78.9 66.3 99.5





#37

2-Methylnaphthalene

Concen: 9.125 ng

RT: 8.79 min Scan# 1140

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

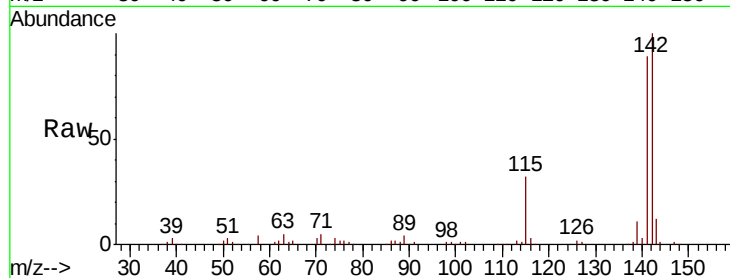
Tot Ion:142 Resp: 180939

Ion Ratio Lower Upper

142 100

141 89.1 71.4 107.0

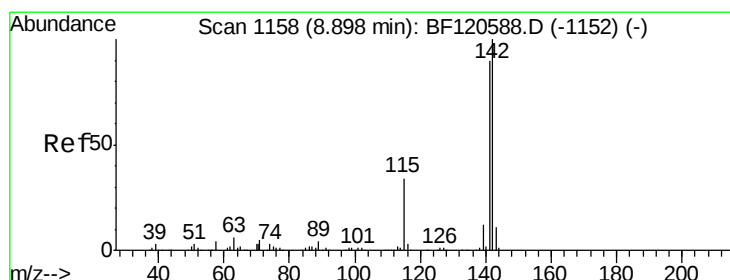
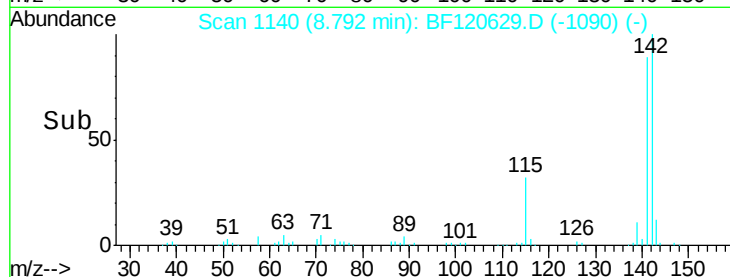
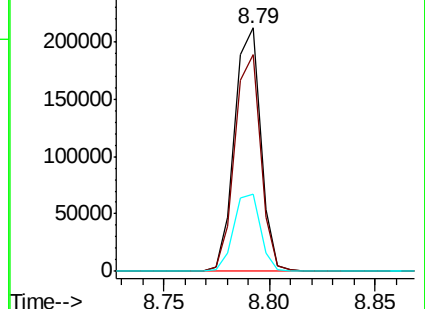
115 31.7 26.1 39.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 9.089 ng

RT: 8.89 min Scan# 1156

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

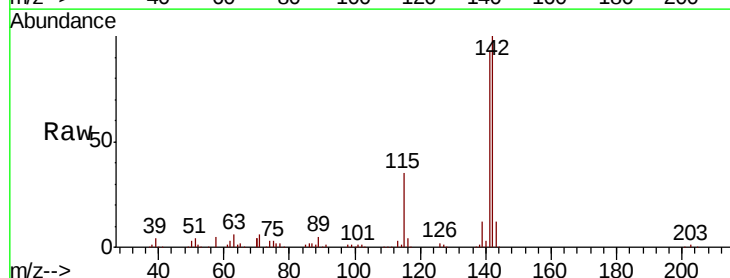
Tgt Ion:142 Resp: 169588

Ion Ratio Lower Upper

142 100

141 92.6 72.1 108.1

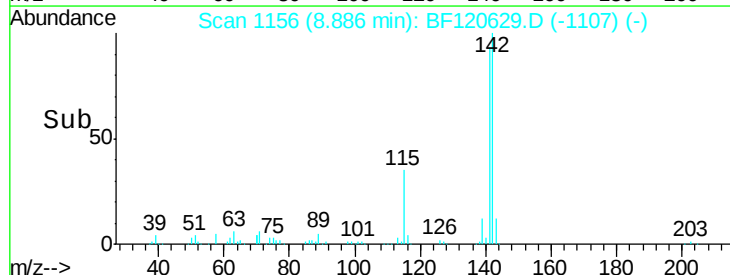
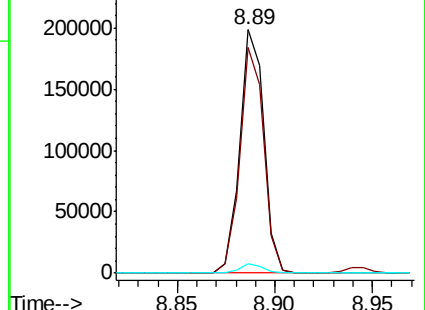
116 3.6 2.7 4.1

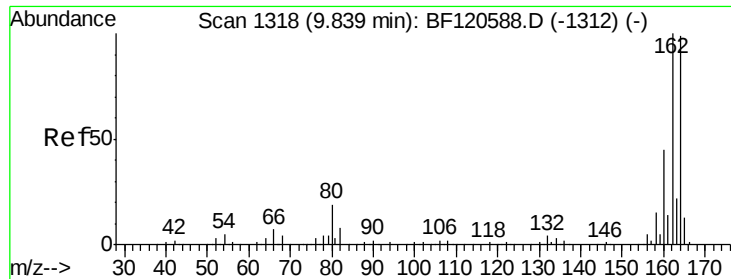


Abundance Ion 142.00 (141.70 to 142.70): E

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: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

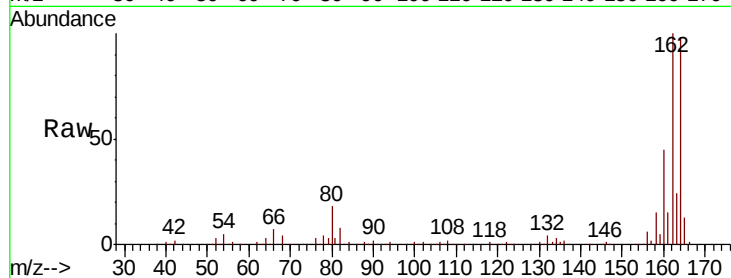
Tot Ion:164 Resp: 324039

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 46.3 36.2 54.2

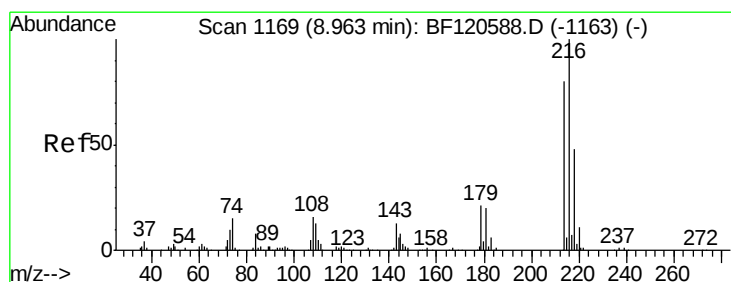
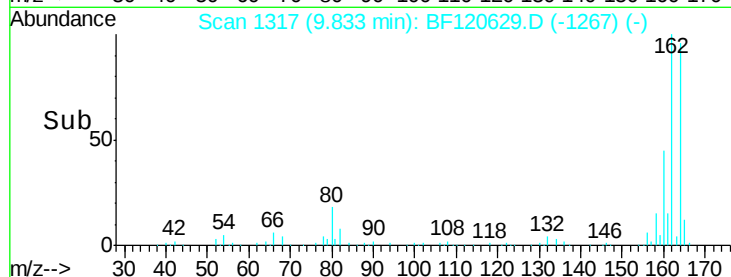
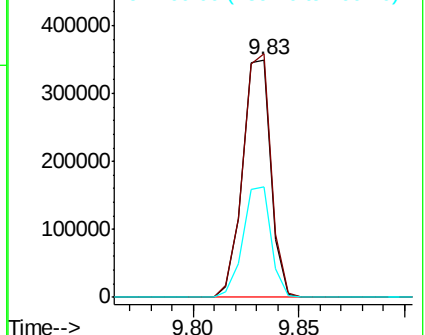


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 9.113 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Tgt Ion:216 Resp: 88172

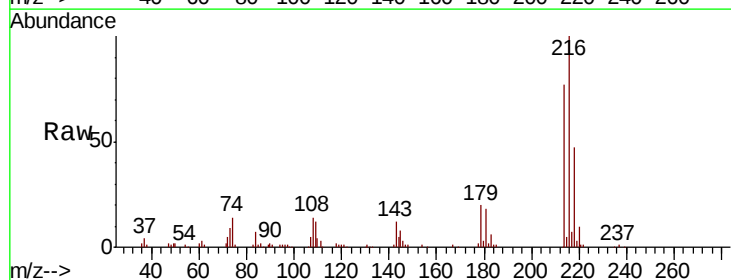
Ion Ratio Lower Upper

216 100

214 77.1 63.8 95.6

179 20.3 16.4 24.6

108 16.7 13.8 20.8



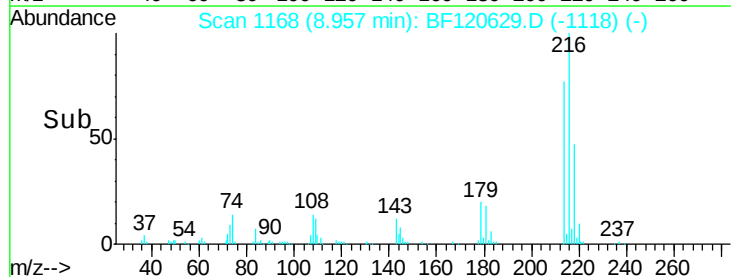
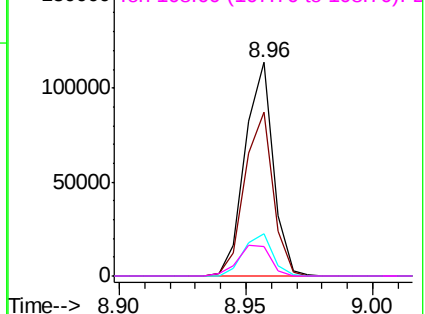
Abundance

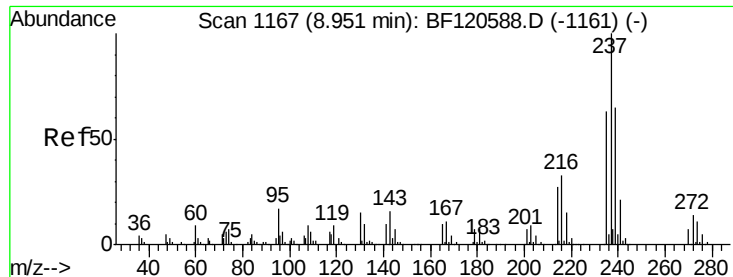
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 5.585 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

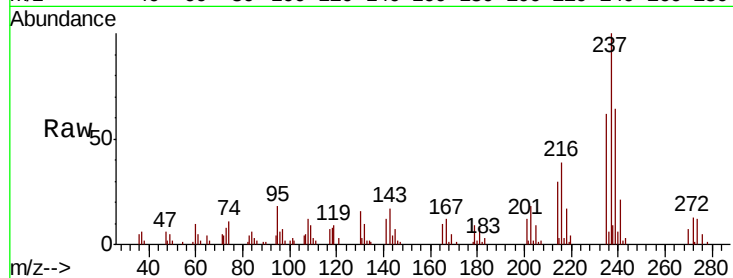
Tot Ion:237 Resp: 30279

Ion Ratio Lower Upper

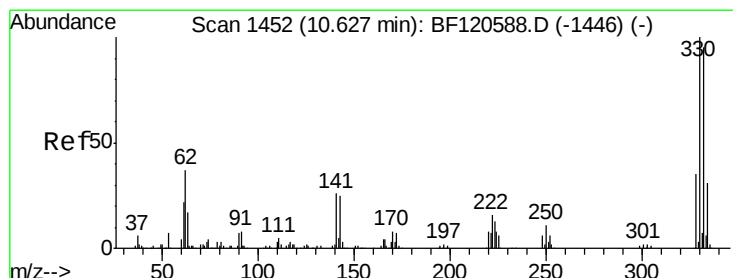
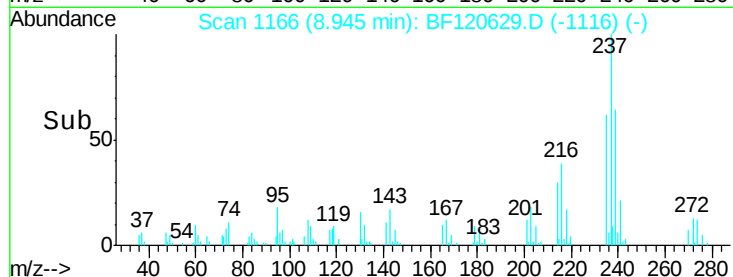
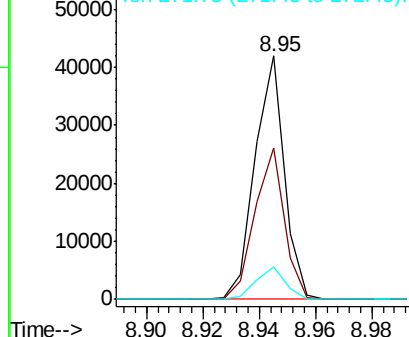
237 100

235 62.2 43.2 83.2

272 13.3 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 148.111 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

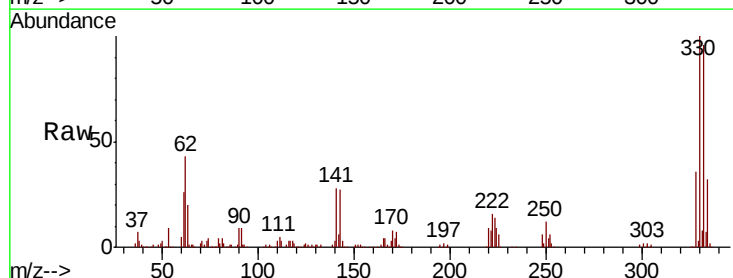
Tgt Ion:330 Resp: 557994

Ion Ratio Lower Upper

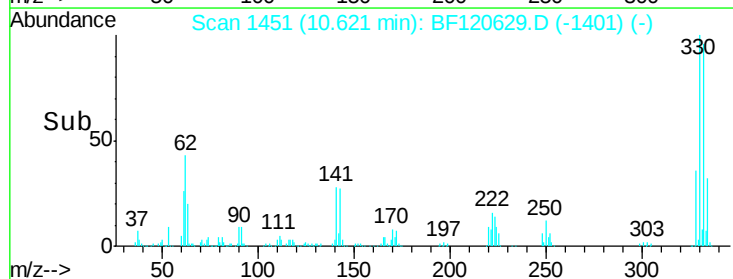
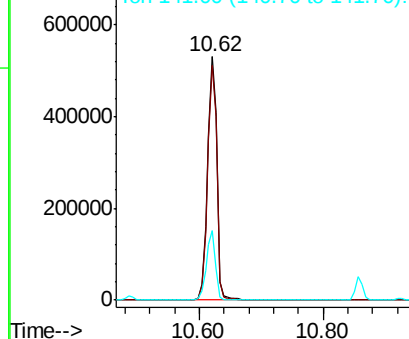
330 100

332 96.2 76.8 115.2

141 27.9 23.2 34.8



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

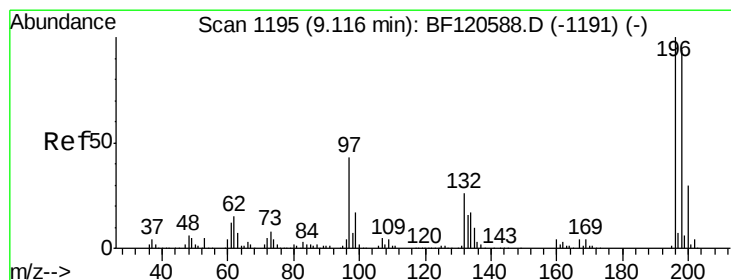
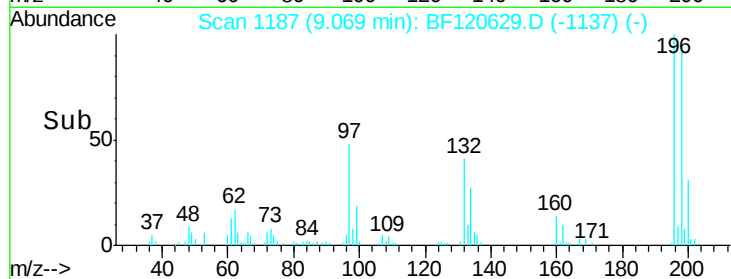
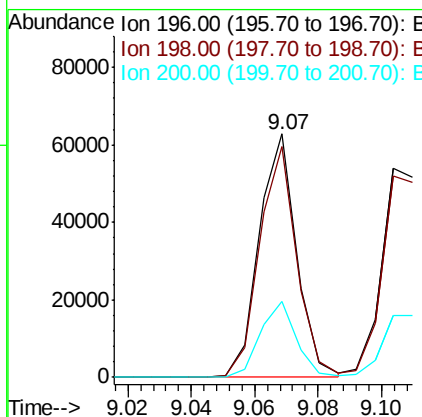
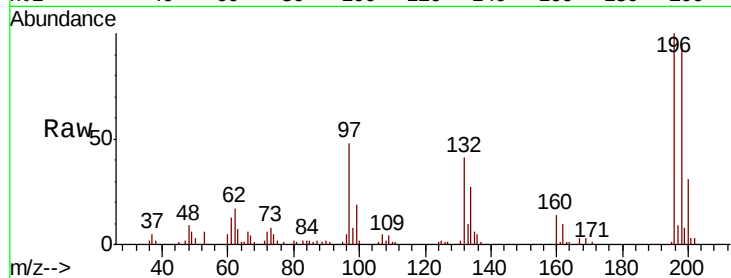




#43
 2,4,6-Trichlorophenol
 Concen: 7.489 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

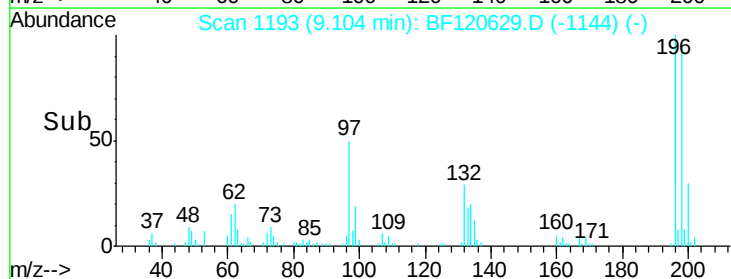
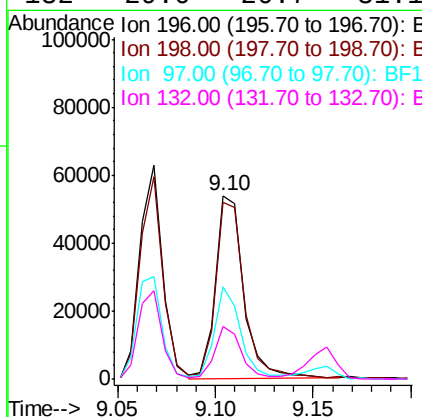
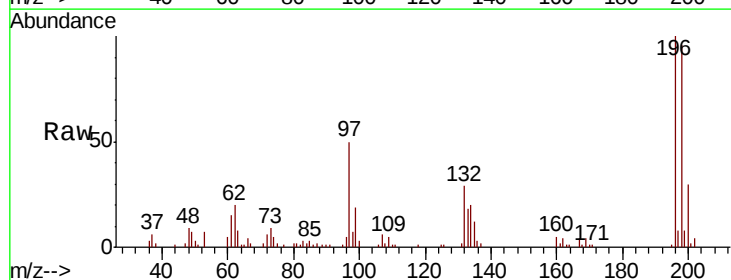
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

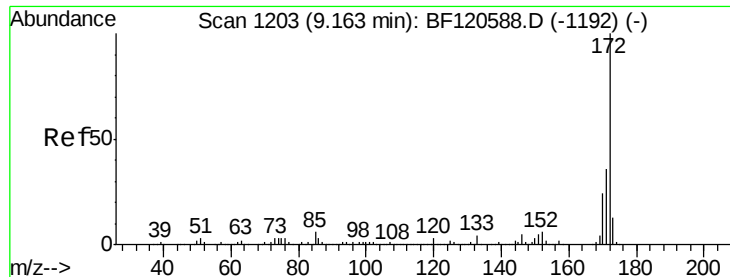
Tot Ion:196 Resp: 51400
 Ion Ratio Lower Upper
 196 100
 198 94.8 76.2 114.2
 200 31.1 24.6 37.0



#44
 2,4,5-Trichlorophenol
 Concen: 6.883 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:196 Resp: 53596
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.5 113.3
 97 50.4 34.4 51.6
 132 29.0 20.7 31.1

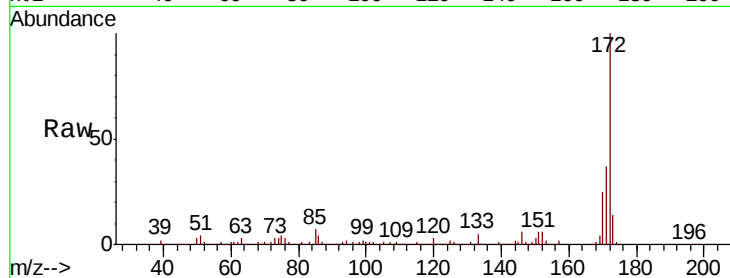




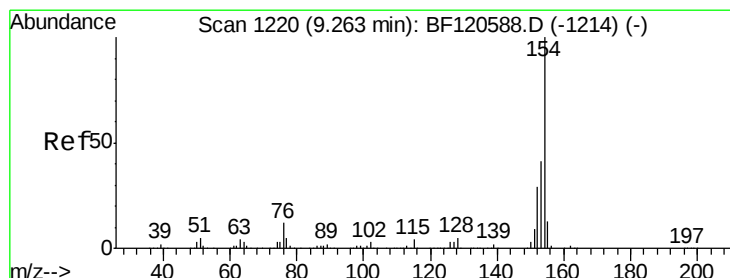
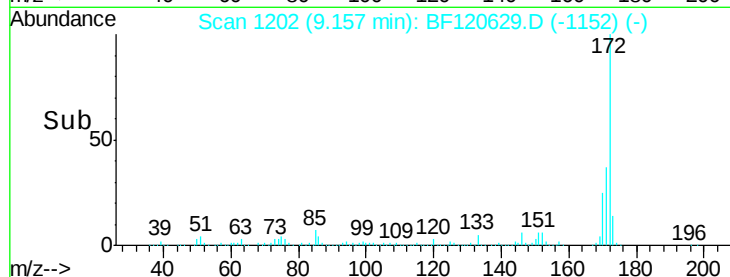
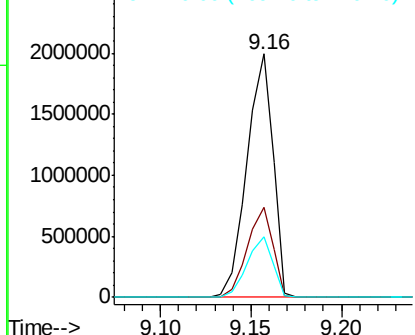
#45
2-Fluorobiphenyl
Concen: 94.215 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:172 Resp: 1995396
Ion Ratio Lower Upper
172 100
171 37.0 29.0 43.4
170 24.7 19.4 29.2

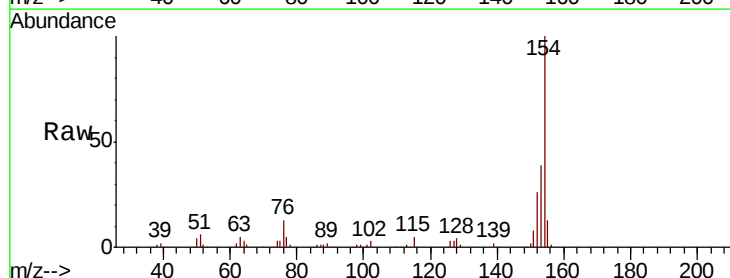


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

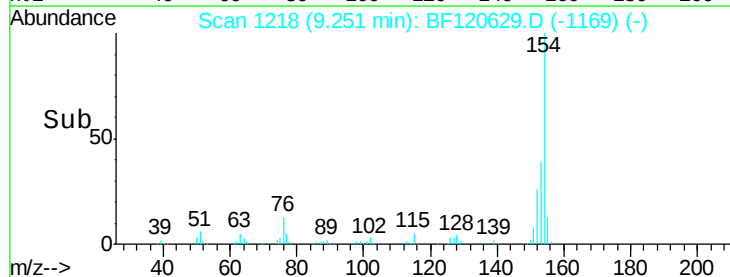
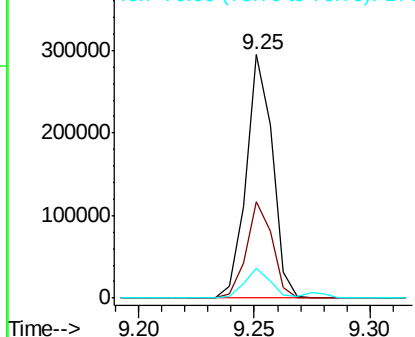


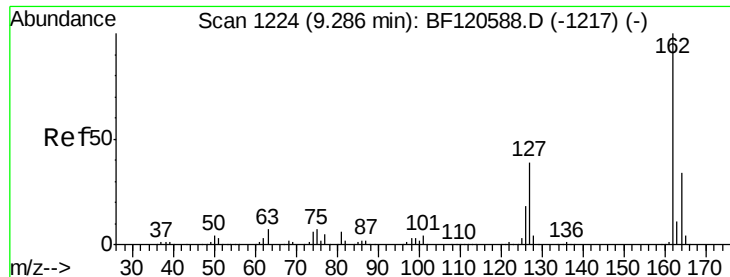
#46
1,1'-Biphenyl
Concen: 9.687 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:154 Resp: 234381
Ion Ratio Lower Upper
154 100
153 39.4 21.4 61.4
76 12.5 0.0 31.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

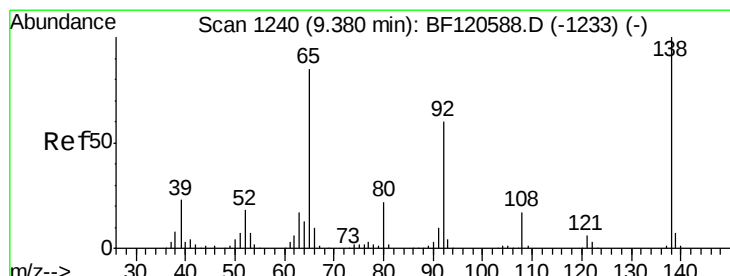
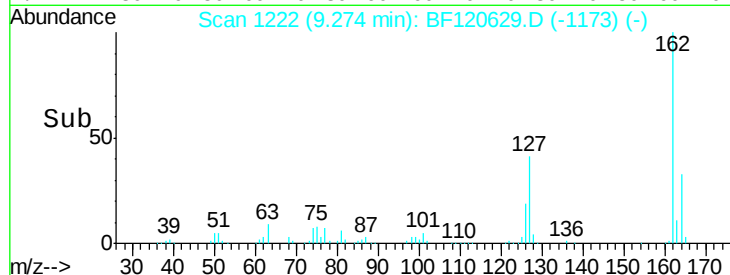
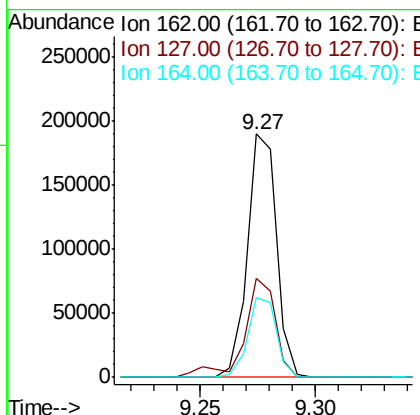
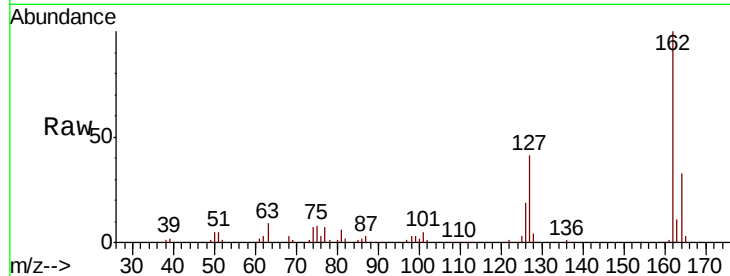




#47
 2-Chloronaphthalene
 Concen: 8.488 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

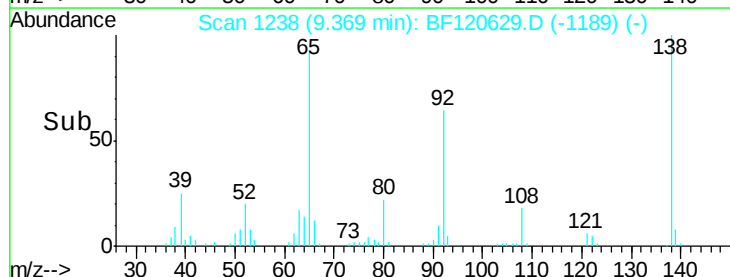
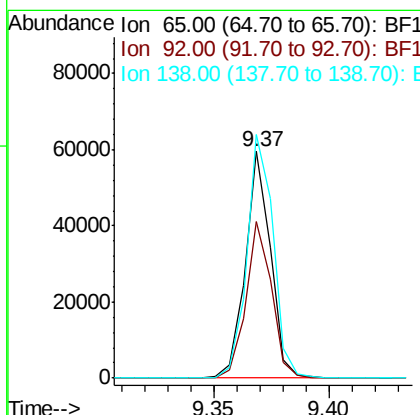
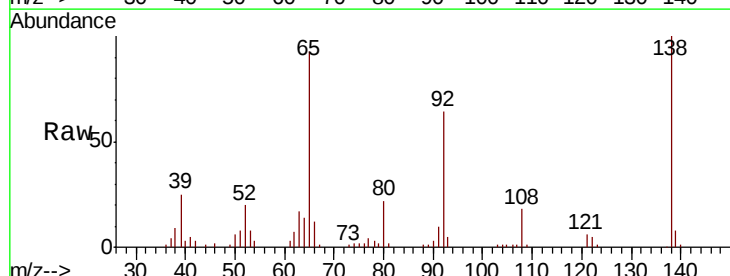
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

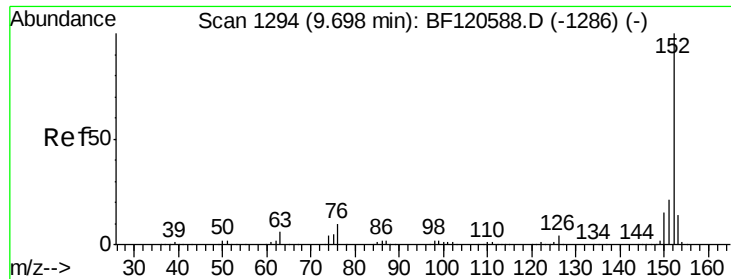
Tot Ion:162 Resp: 167941
 Ion Ratio Lower Upper
 162 100
 127 40.5 31.3 46.9
 164 32.8 26.9 40.3



#48
 2-Nitroaniline
 Concen: 7.289 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion: 65 Resp: 45296
 Ion Ratio Lower Upper
 65 100
 92 69.2 56.0 84.0
 138 107.5 94.0 141.0





#49

Acenaphthylene

Concen: 8.807 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

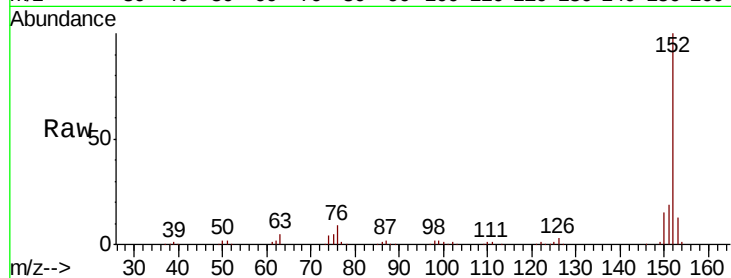
Tot Ion:152 Resp: 268924

Ion Ratio Lower Upper

152 100

151 19.2 16.6 25.0

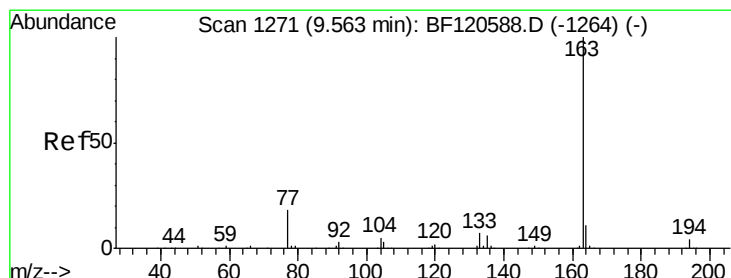
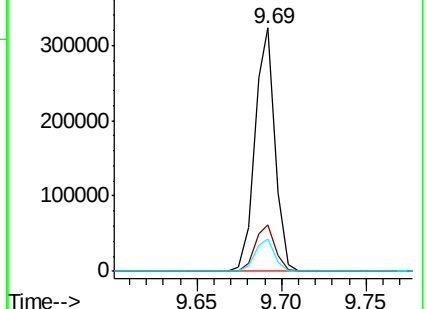
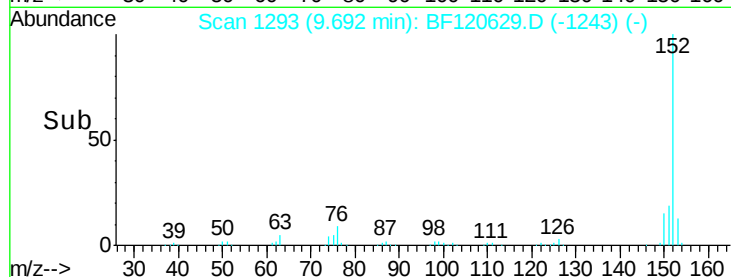
153 13.1 11.0 16.6



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: 8.118 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.02 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

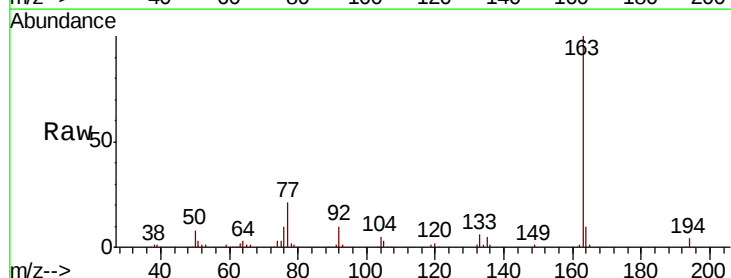
Tgt Ion:163 Resp: 189458

Ion Ratio Lower Upper

163 100

194 3.7 3.1 4.7

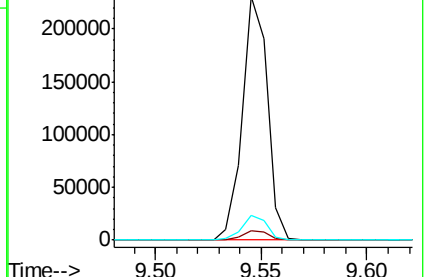
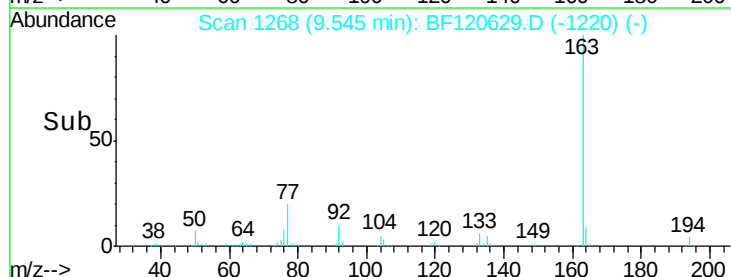
164 10.1 8.5 12.7

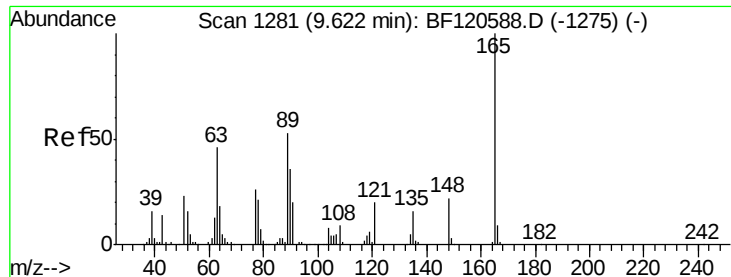


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

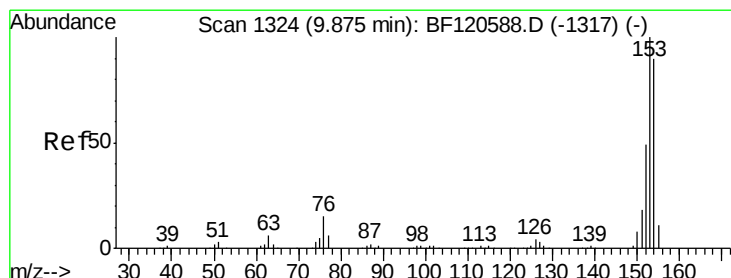
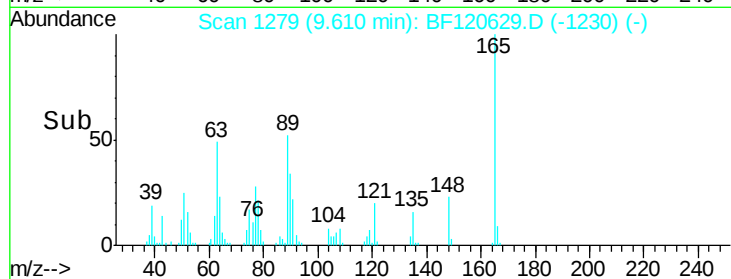
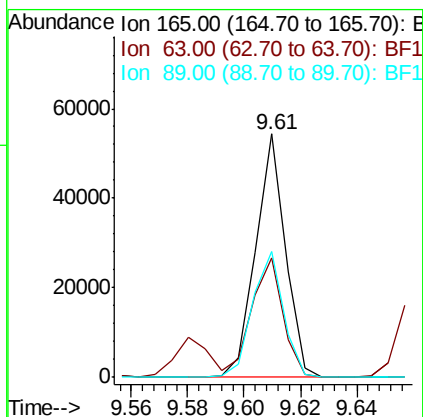
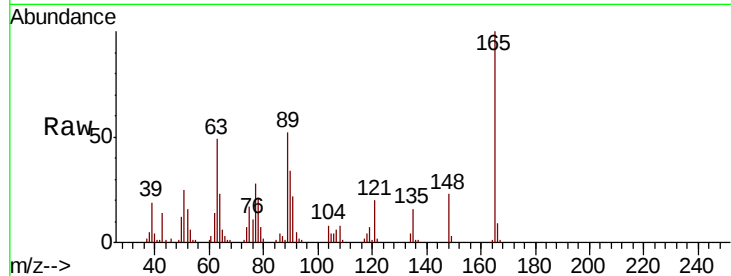




#51
2,6-Dinitrotoluene
Concen: 7.521 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

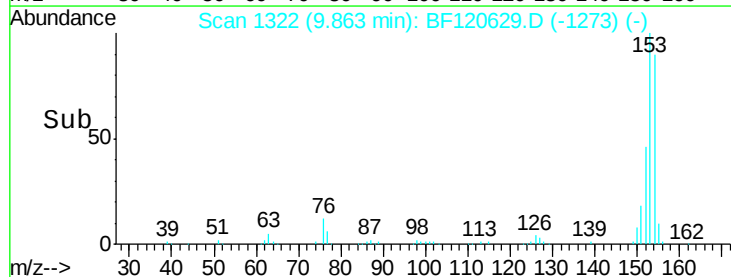
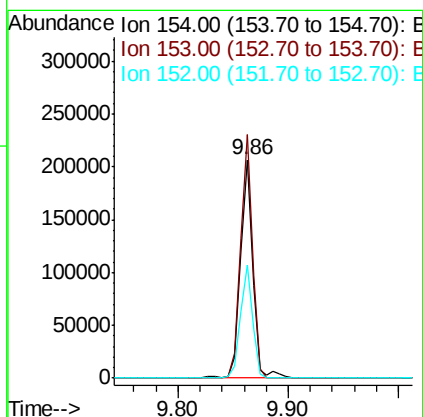
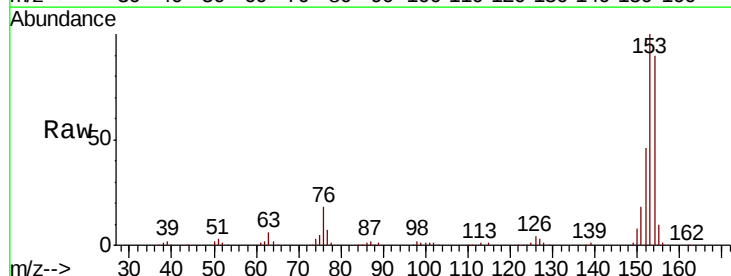
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:165 Resp: 39776
Ion Ratio Lower Upper
165 100
63 49.0 41.7 62.5
89 51.9 42.6 64.0



#52
Acenaphthene
Concen: 9.028 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:154 Resp: 164410
Ion Ratio Lower Upper
154 100
153 111.6 89.1 133.7
152 51.8 43.7 65.5

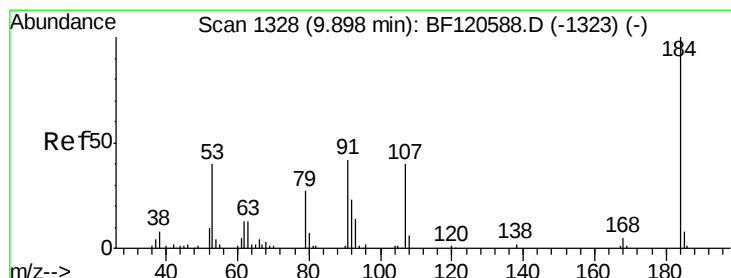
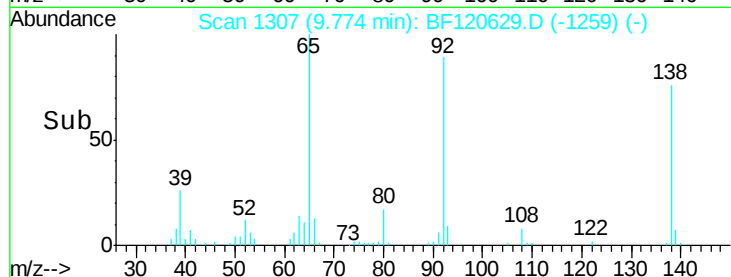
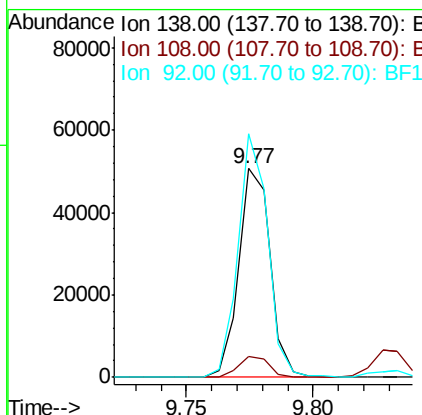
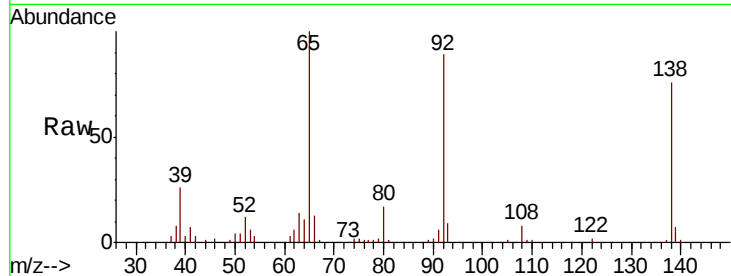




#53
 3-Nitroaniline
 Concen: 6.854 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

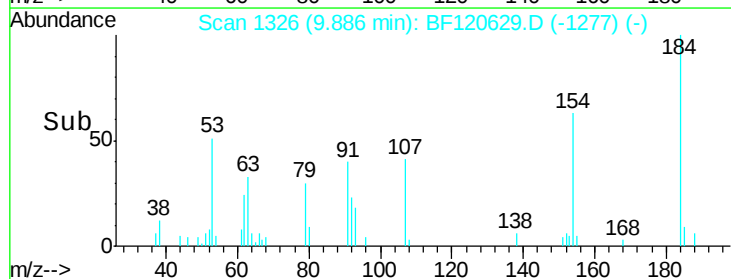
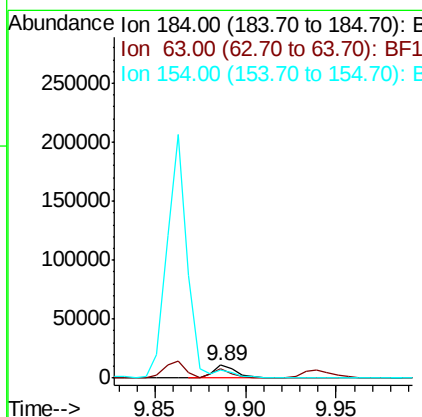
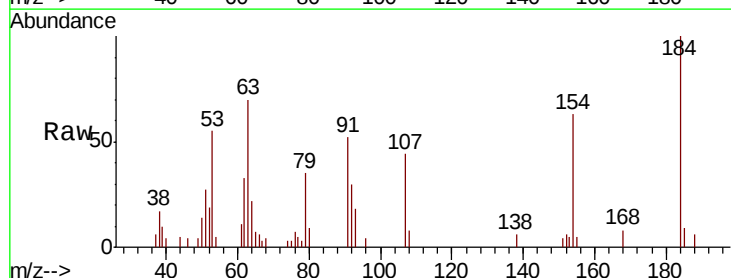
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

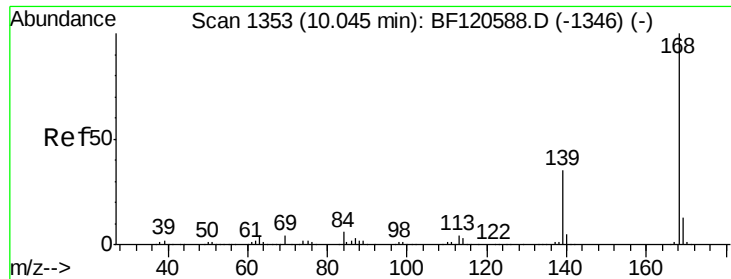
Tot Ion:138 Resp: 43537
 Ion Ratio Lower Upper
 138 100
 108 10.2 8.0 12.0
 92 116.6 86.0 129.0



#54
 2,4-Dinitrophenol
 Concen: 3.718 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:184 Resp: 10543
 Ion Ratio Lower Upper
 184 100
 63 69.8 44.2 66.2#
 154 63.4 45.9 68.9

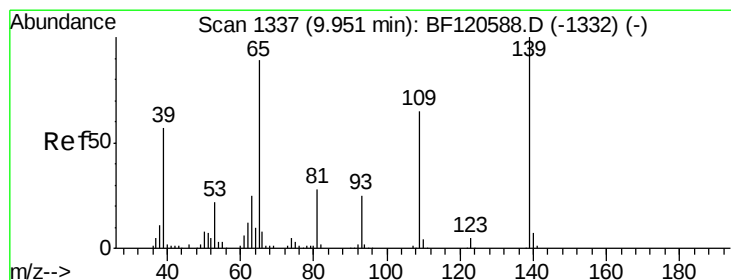
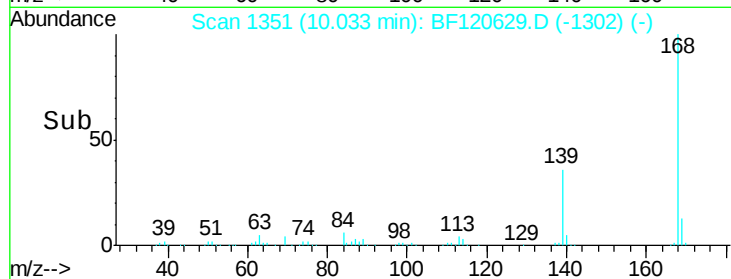
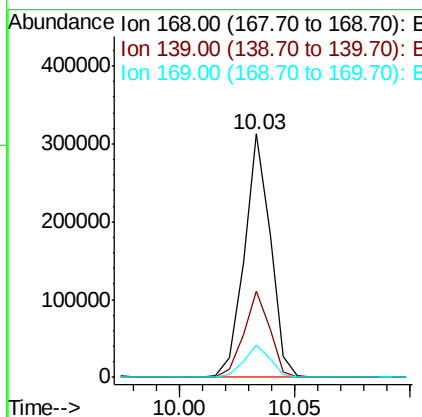
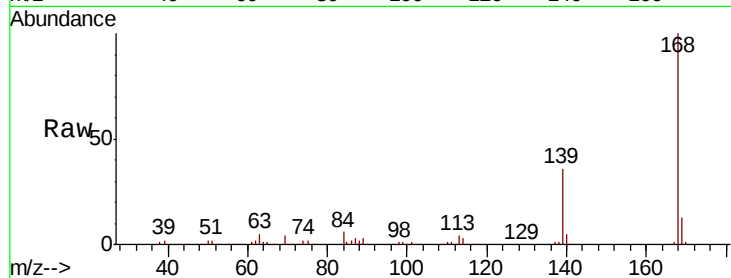




#55
Dibenzenofuran
Concen: 8.827 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

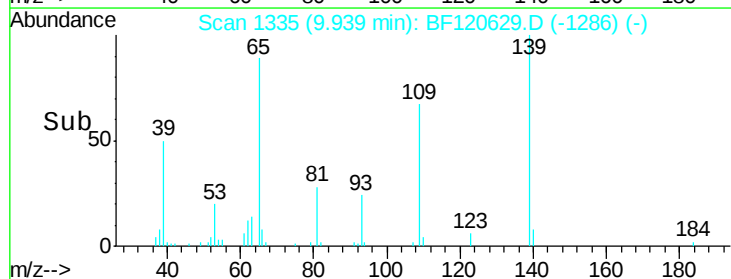
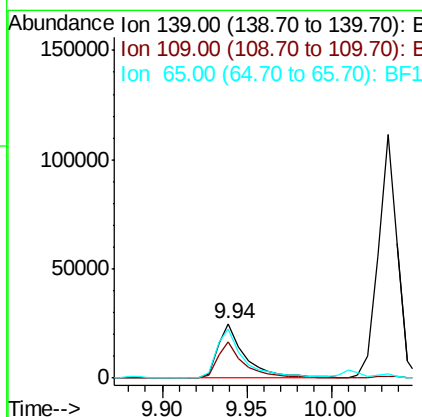
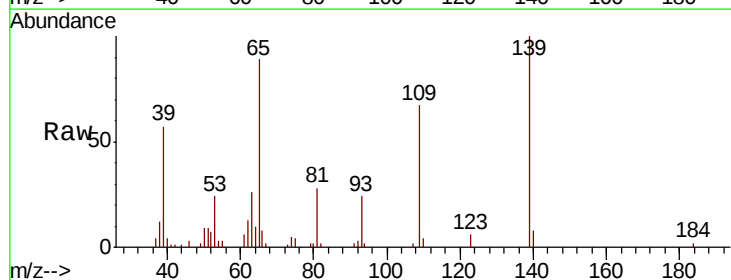
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

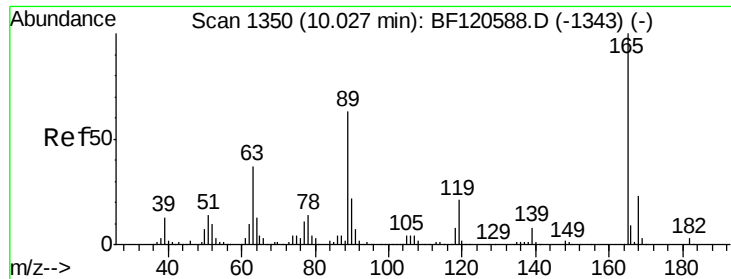
Tot Ion:168 Resp: 246491
Ion Ratio Lower Upper
168 100
139 35.6 28.1 42.1
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 5.990 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:139 Resp: 28660
Ion Ratio Lower Upper
139 100
109 67.0 44.6 84.6
65 89.3 69.2 109.2

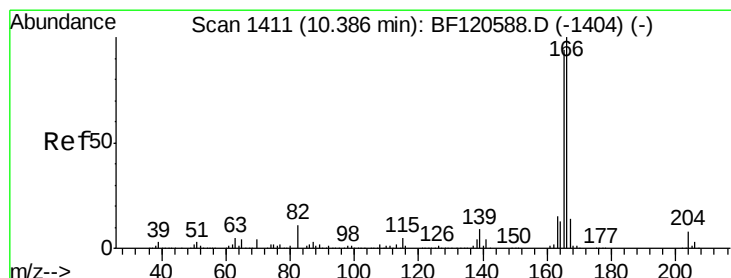
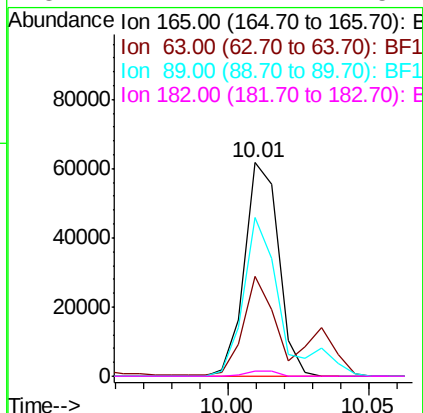
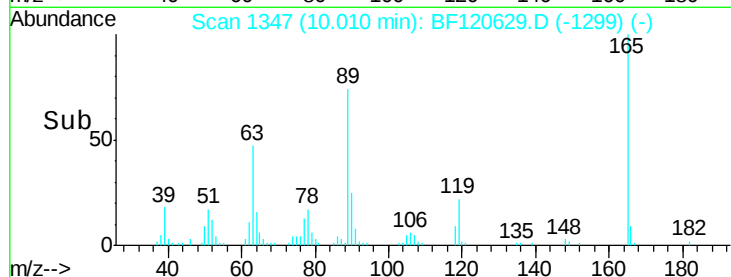
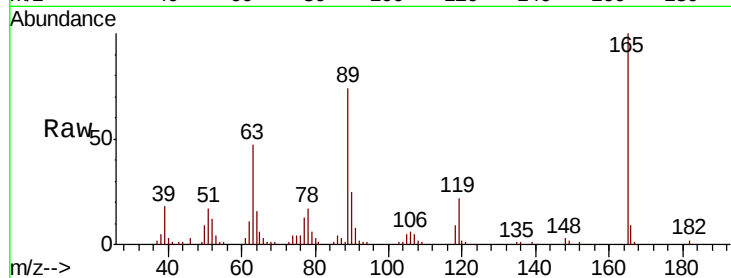




#57
2,4-Dinitrotoluene
Concen: 7.380 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

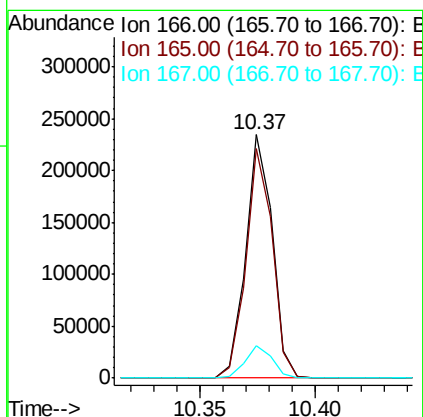
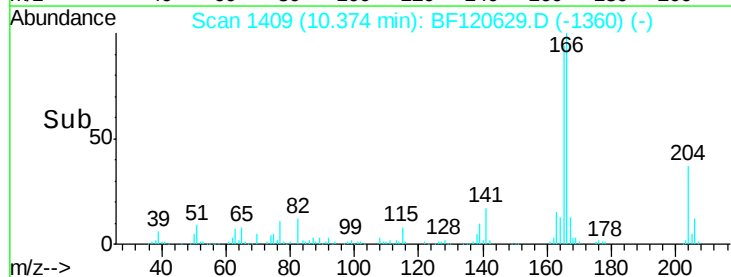
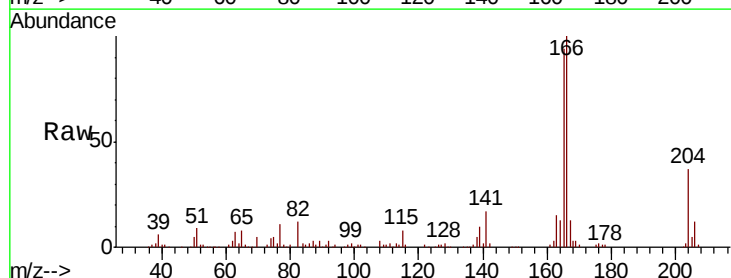
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

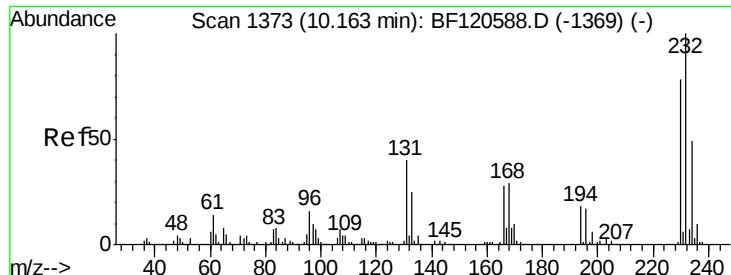
Tot Ion:165 Resp: 51796
Ion Ratio Lower Upper
165 100
63 46.5 29.8 44.8#
89 74.1 50.4 75.6
182 2.2 2.1 3.1



#58
Fluorene
Concen: 8.778 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:166 Resp: 188974
Ion Ratio Lower Upper
166 100
165 94.1 75.0 112.6
167 13.2 11.0 16.4

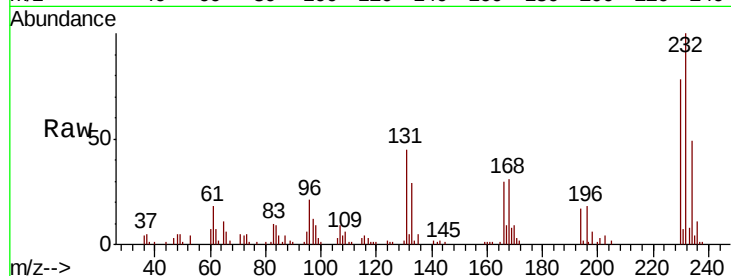




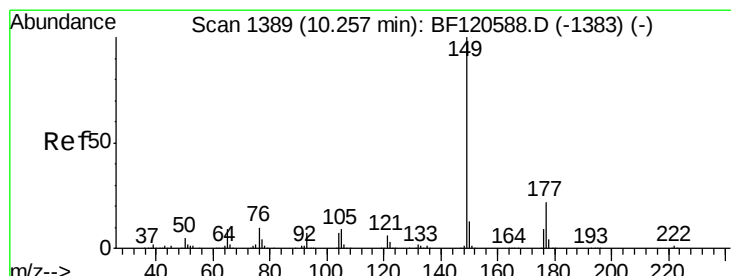
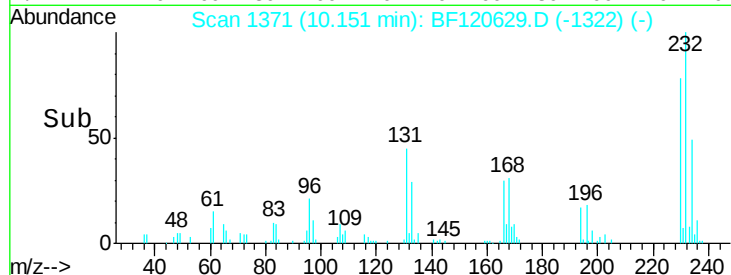
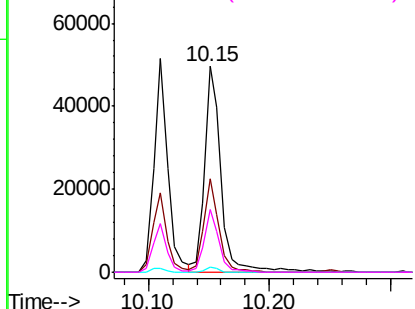
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.708 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Tot Ion:232 Resp: 47219
 Ion Ratio Lower Upper
 232 100
 131 41.1 33.5 50.3
 130 1.8 1.5 2.3
 166 27.4 23.4 35.0

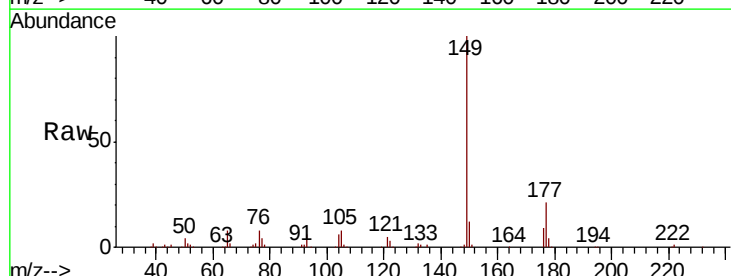


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

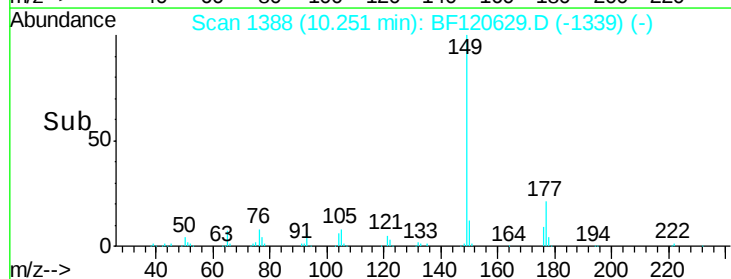
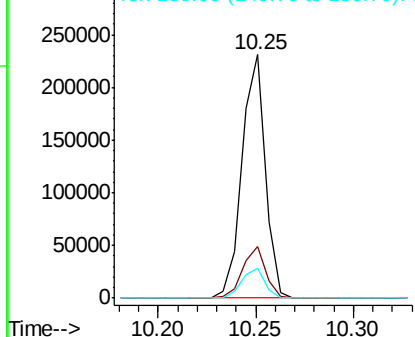


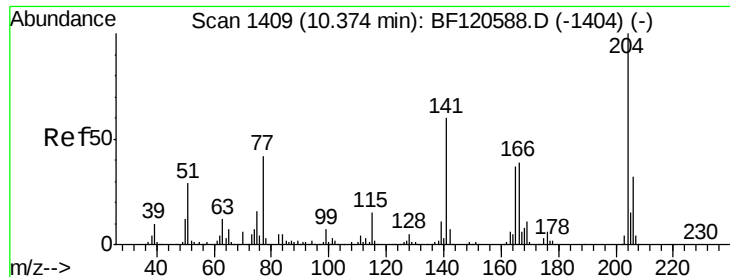
#60
 Diethylphthalate
 Concen: 8.296 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:149 Resp: 190689
 Ion Ratio Lower Upper
 149 100
 177 21.3 17.3 25.9
 150 12.2 10.3 15.5



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

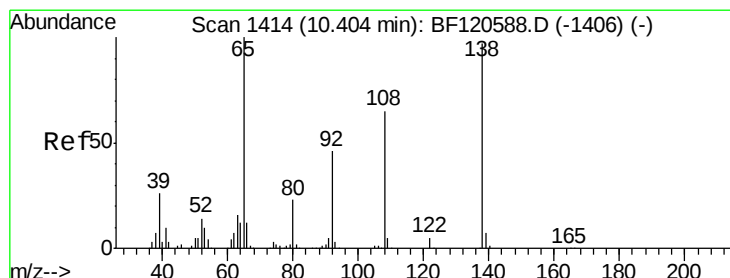
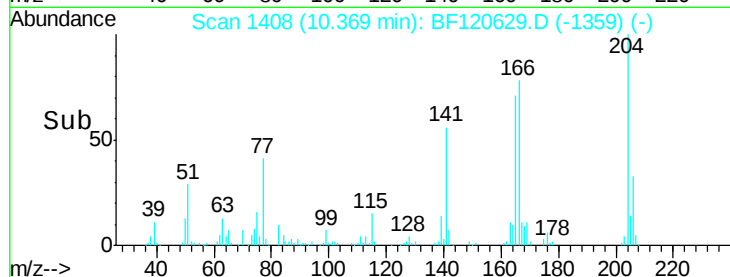
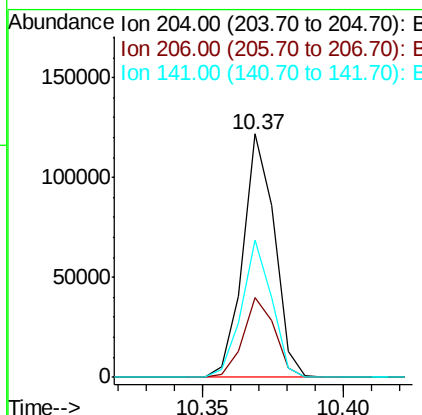
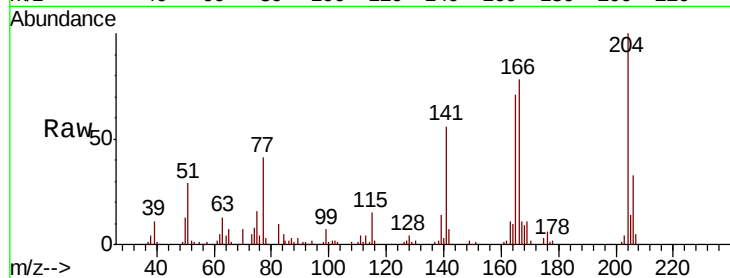




#61
4-Chlorophenyl-phenylether
Concen: 8.484 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

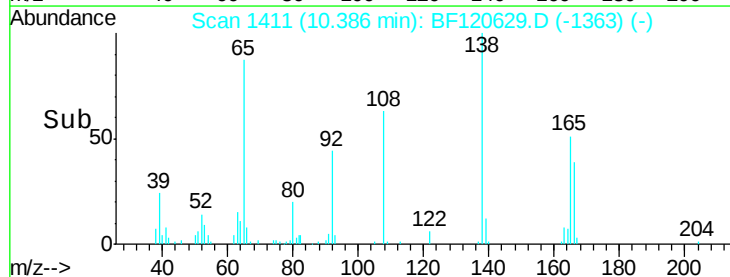
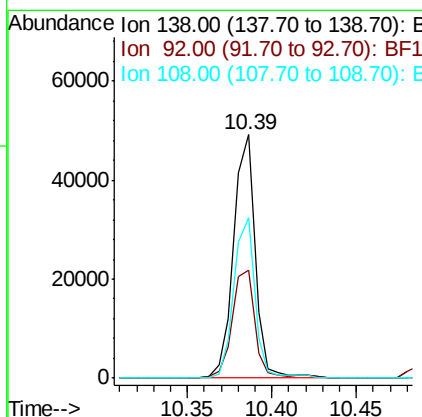
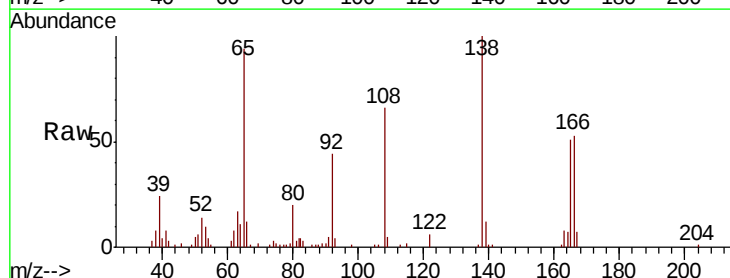
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:204 Resp: 94316
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 56.2 47.6 71.4



#62
4-Nitroaniline
Concen: 6.938 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.02 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:138 Resp: 43756
Ion Ratio Lower Upper
138 100
92 44.3 27.3 67.3
108 65.7 47.4 87.4





#63

Azobenzene

Concen: 8.699 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

Tot Ion: 77 Resp: 181506

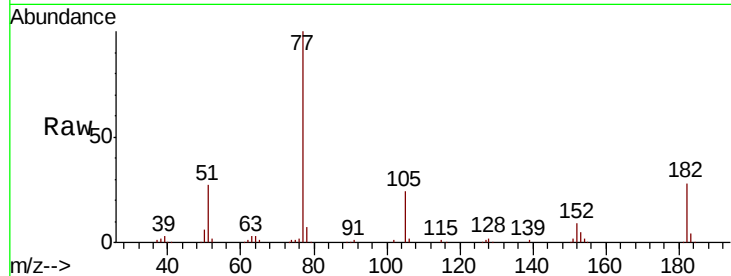
Ion Ratio Lower Upper

77 100

182 27.5 7.7 47.7

105 24.0 3.2 43.2

51 26.6 8.5 48.5

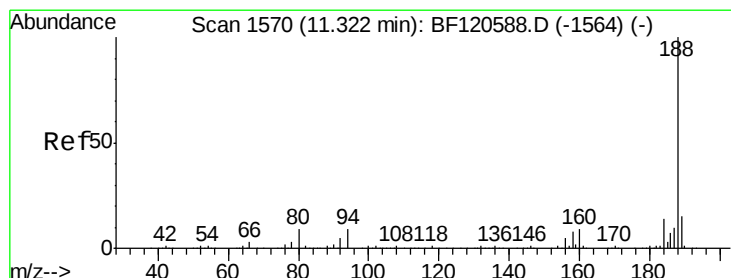
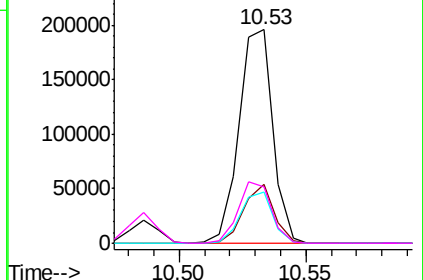
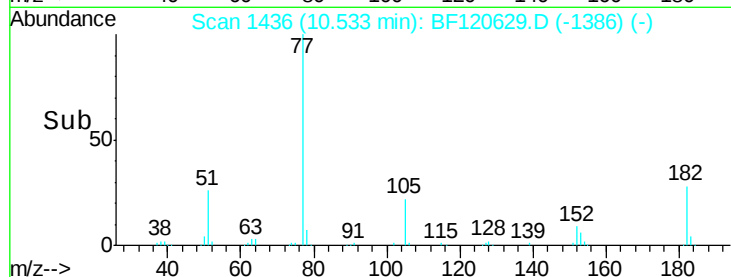


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF120629.D

Acq: 16 Jun 2020 15:31

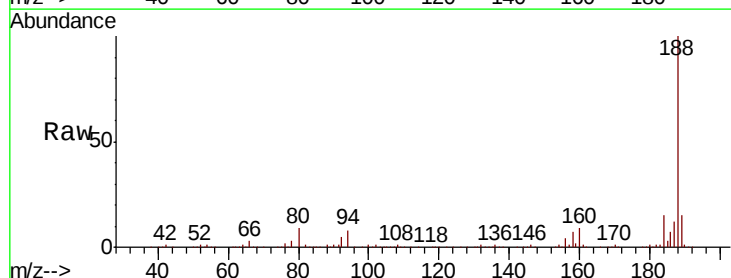
Tgt Ion: 188 Resp: 621423

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

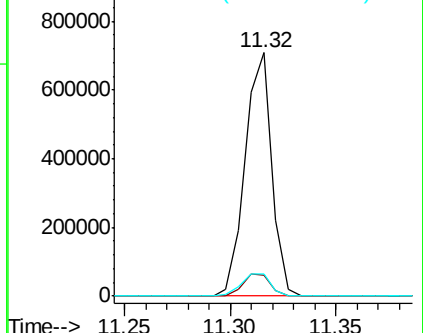
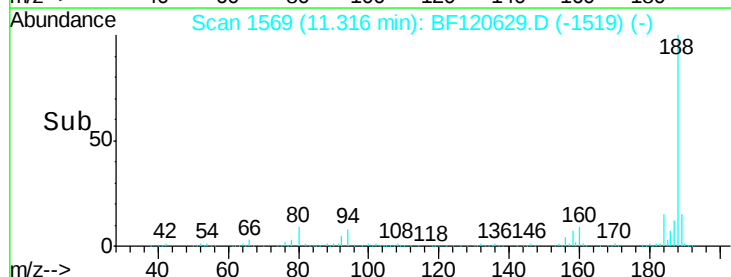
80 9.0 7.4 11.2

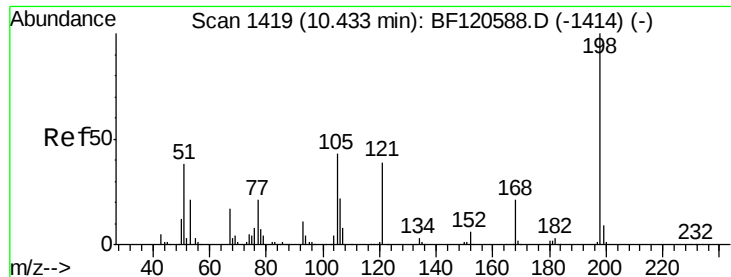


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

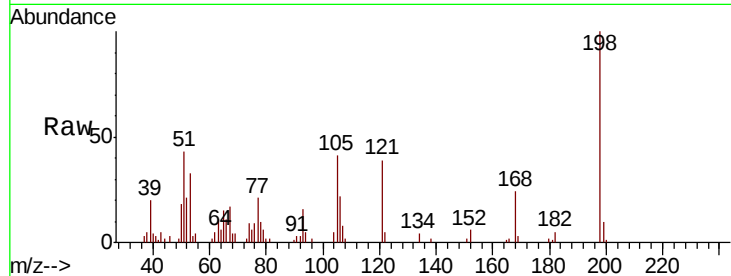




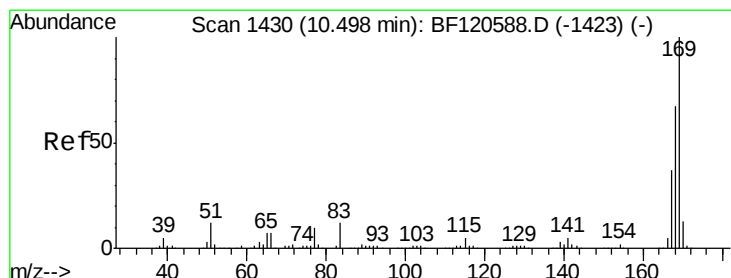
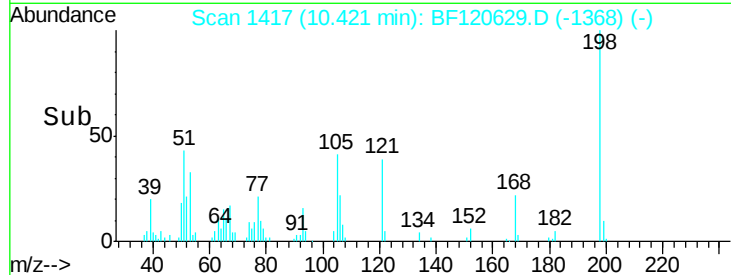
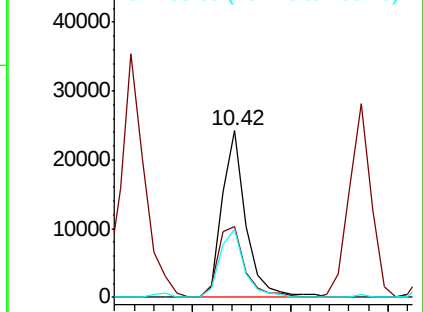
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.500 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

Tot Ion:198 Resp: 20510
 Ion Ratio Lower Upper
 198 100
 51 42.7 24.8 64.8
 105 41.1 23.9 63.9

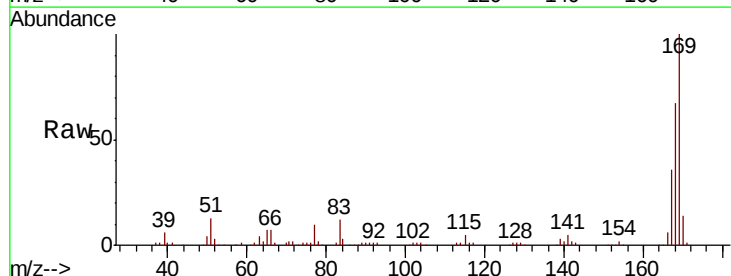


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

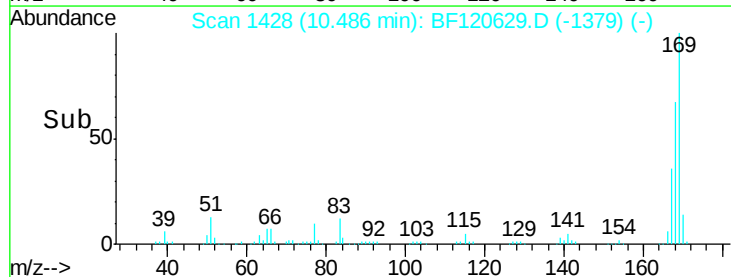
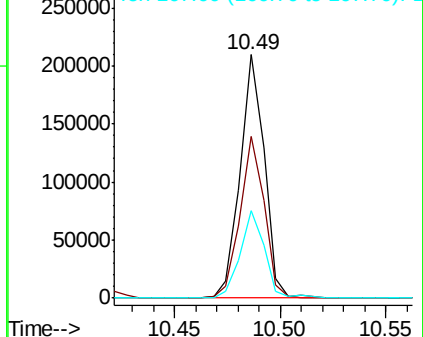


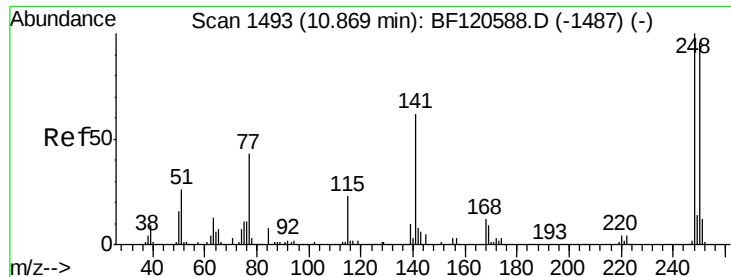
#66
 n-Nitrosodiphenylamine
 Concen: 8.637 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:169 Resp: 164833
 Ion Ratio Lower Upper
 169 100
 168 66.6 53.7 80.5
 167 36.0 29.9 44.9



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

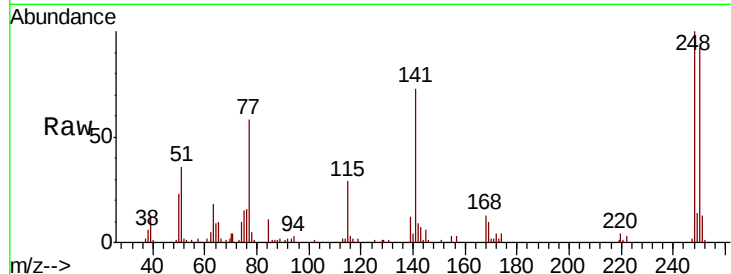




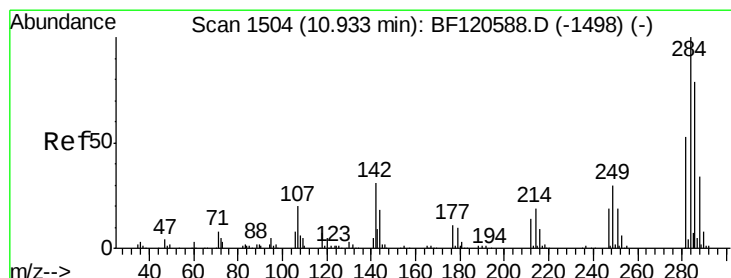
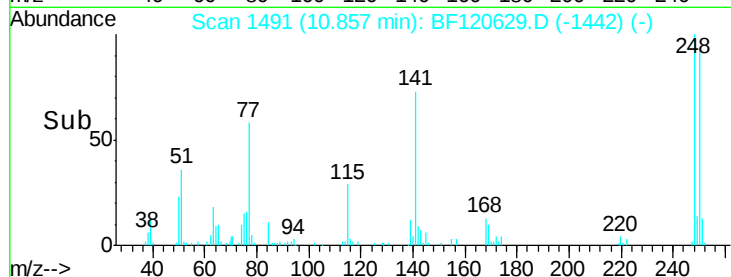
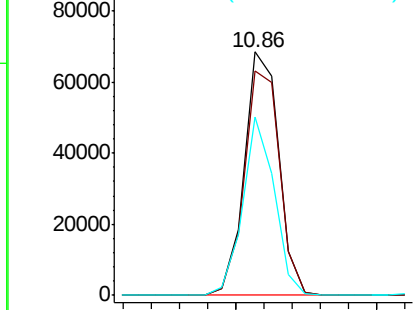
#67
4-Bromophenyl-phenylether
Concen: 8.199 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:248 Resp: 57823
Ion Ratio Lower Upper
248 100
250 92.2 76.7 115.1
141 73.1 49.4 74.0

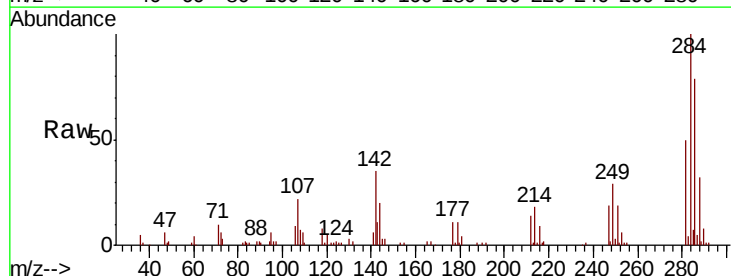


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

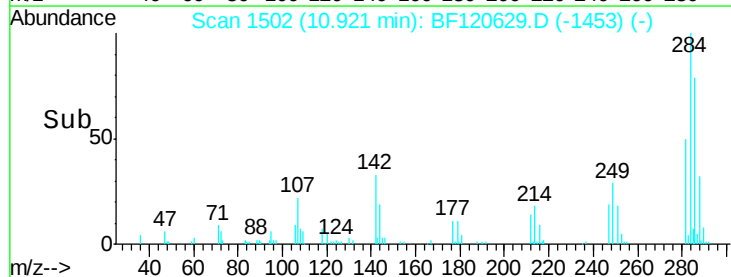
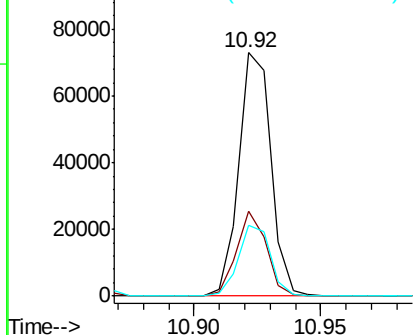


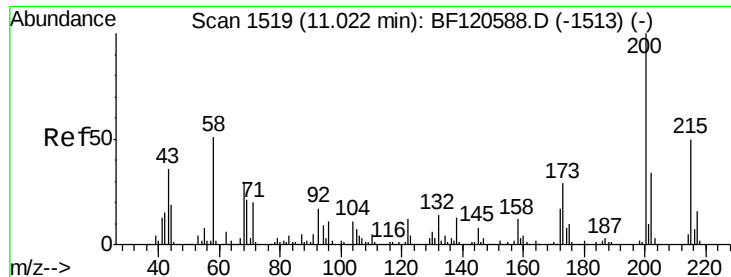
#68
Hexachlorobenzene
Concen: 8.472 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:284 Resp: 64240
Ion Ratio Lower Upper
284 100
142 35.0 25.1 37.7
249 29.3 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

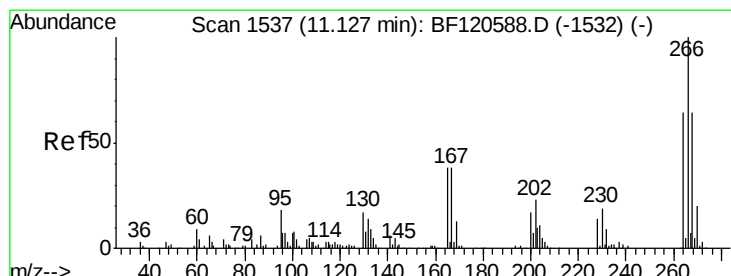
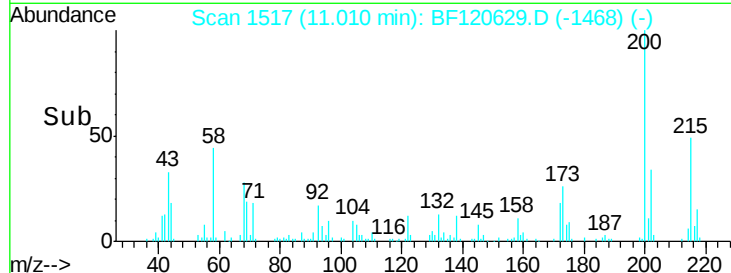
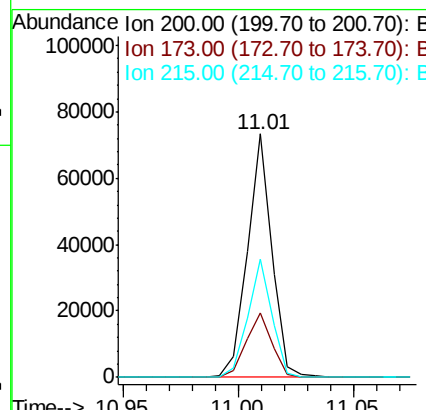
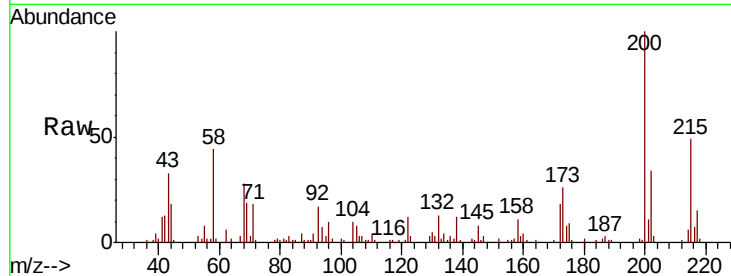




#69
Atrazine
Concen: 9.171 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

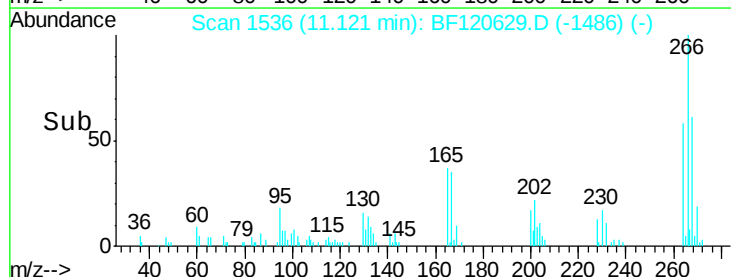
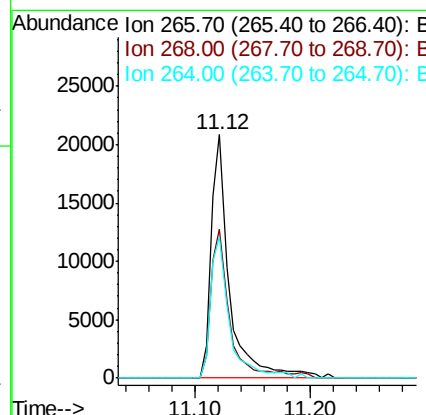
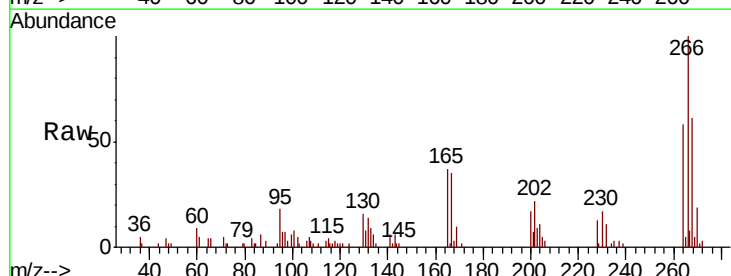
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

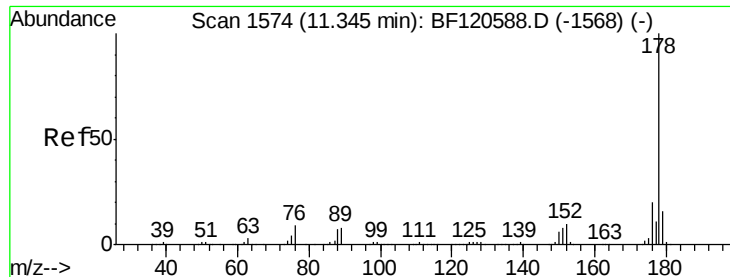
Tot Ion:200 Resp: 54160
Ion Ratio Lower Upper
200 100
173 26.2 9.1 49.1
215 48.5 29.8 69.8



#70
Pentachlorophenol
Concen: 5.454 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:266 Resp: 22993
Ion Ratio Lower Upper
266 100
268 60.9 51.4 77.0
264 58.2 50.8 76.2

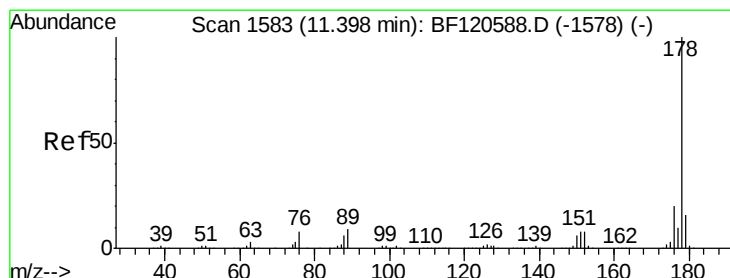
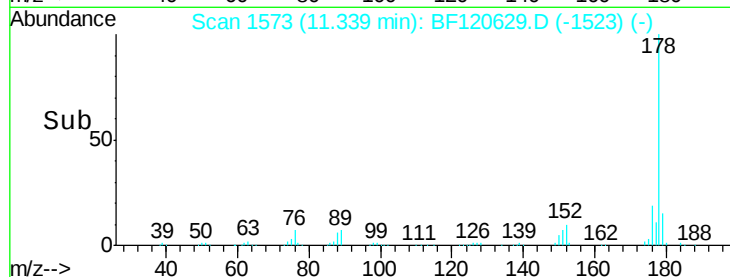
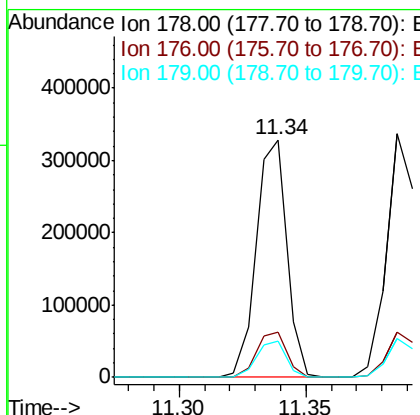
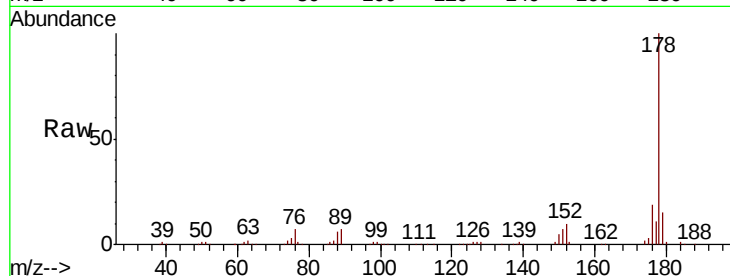




#71
Phenanthrene
Concen: 8.999 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

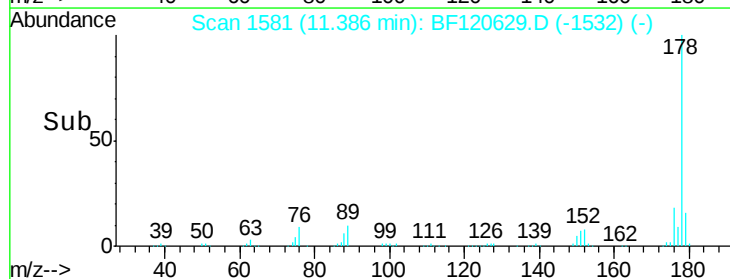
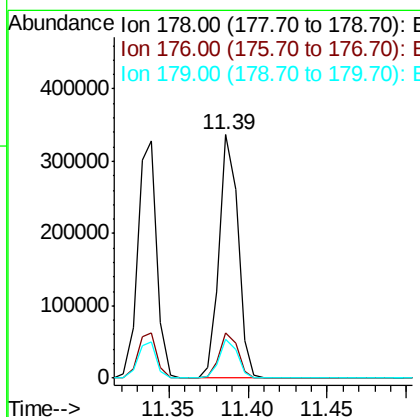
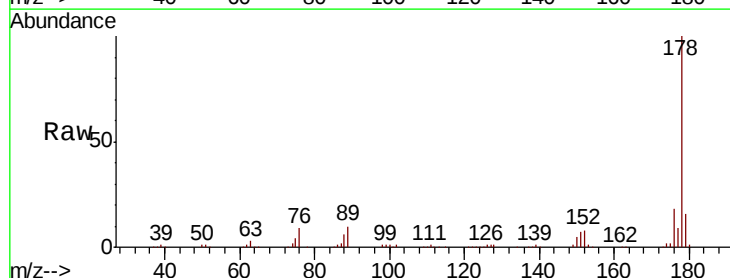
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

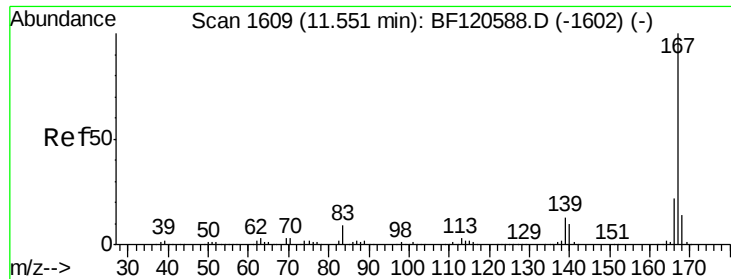
Tot Ion:178 Resp: 277990
Ion Ratio Lower Upper
178 100
176 18.9 15.9 23.9
179 15.2 12.8 19.2



#72
Anthracene
Concen: 8.985 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:178 Resp: 279775
Ion Ratio Lower Upper
178 100
176 18.4 15.6 23.4
179 15.7 12.9 19.3

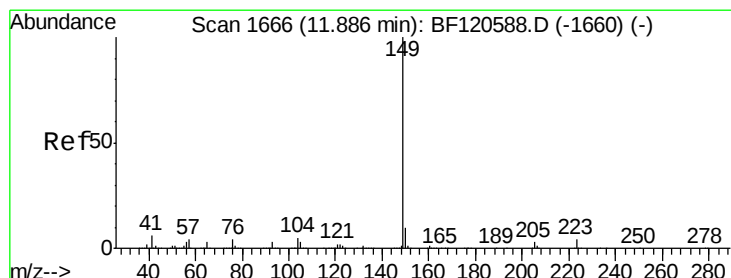
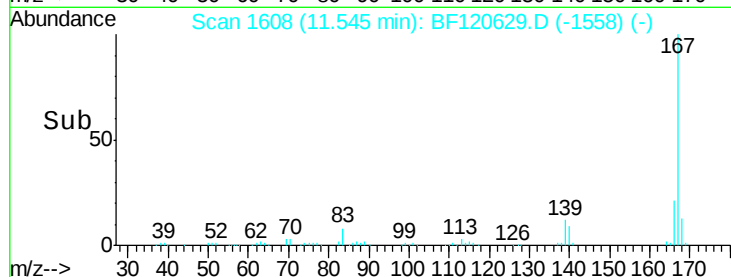
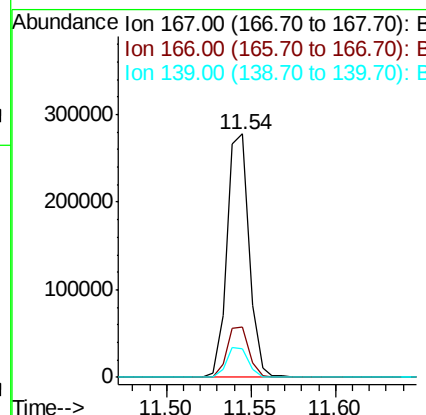
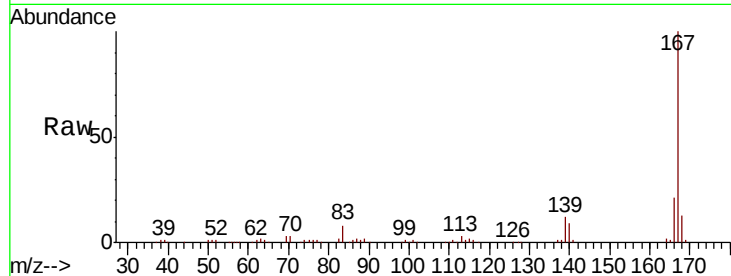




#73
 Carbazole
 Concen: 8.235 ng
 RT: 11.54 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

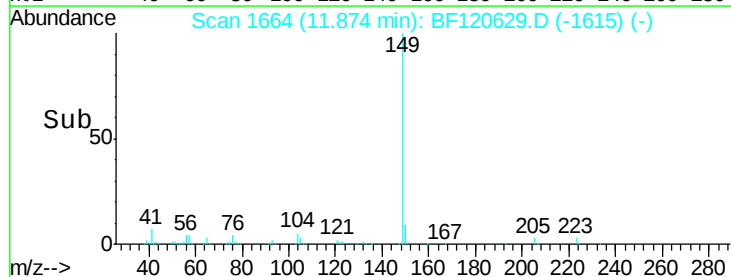
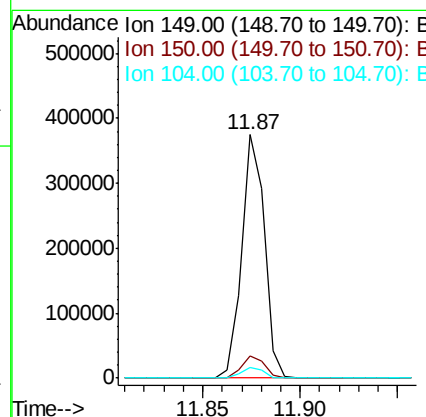
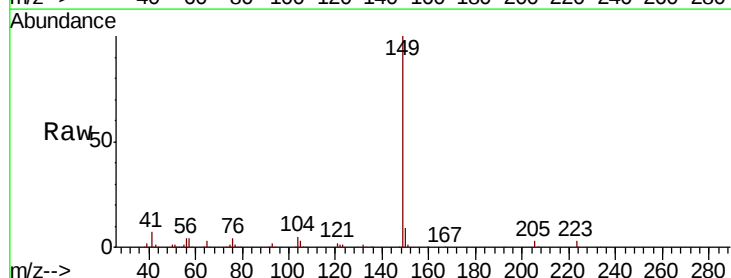
Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

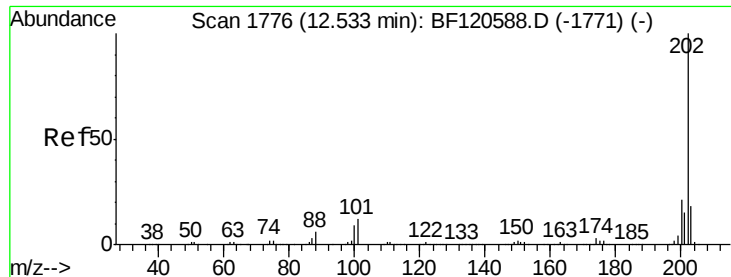
Tot Ion:167 Resp: 253833
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.2 25.8
 139 11.7 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 8.689 ng
 RT: 11.87 min Scan# 1664
 Delta R.T. -0.01 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion:149 Resp: 301099
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.7 11.5
 104 4.6 3.7 5.5





#75

Fluoranthene

Concen: 8.603 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

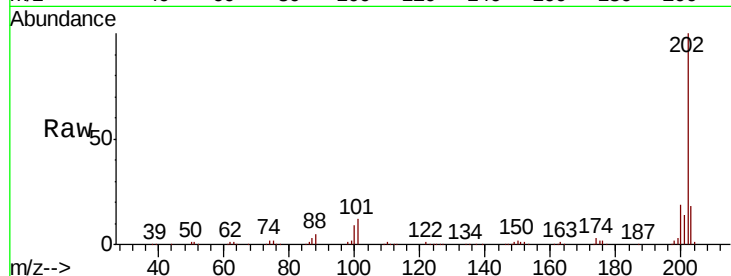
Tot Ion:202 Resp: 303842

Ion Ratio Lower Upper

202 100

101 11.9 0.0 32.0

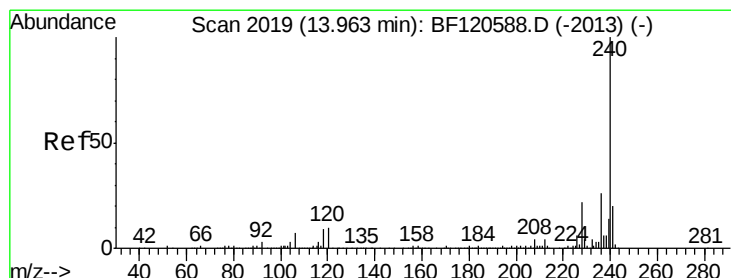
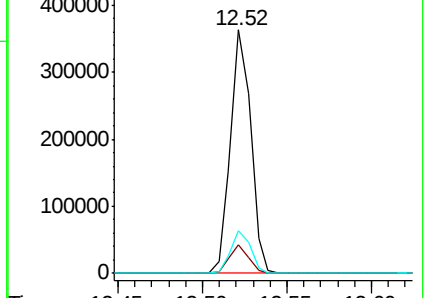
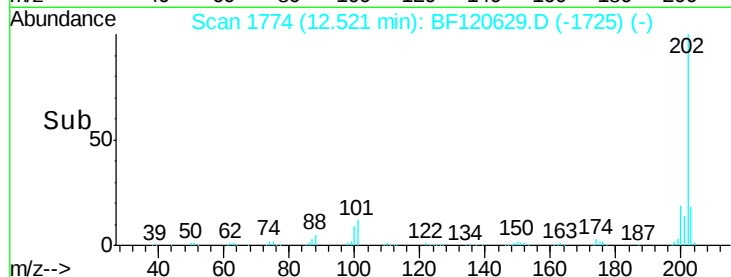
203 17.6 0.0 38.3



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: BF120629.D

Acq: 16 Jun 2020 15:31

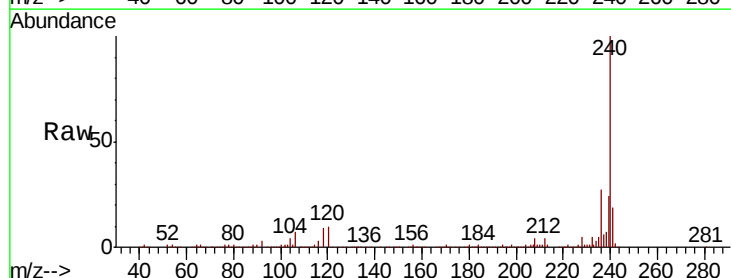
Tgt Ion:240 Resp: 491507

Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

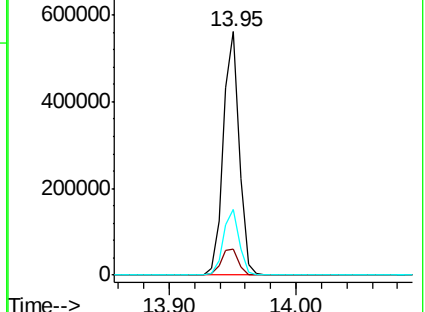
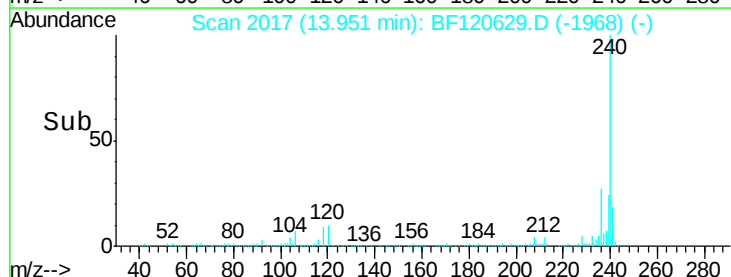
236 27.2 21.0 31.4

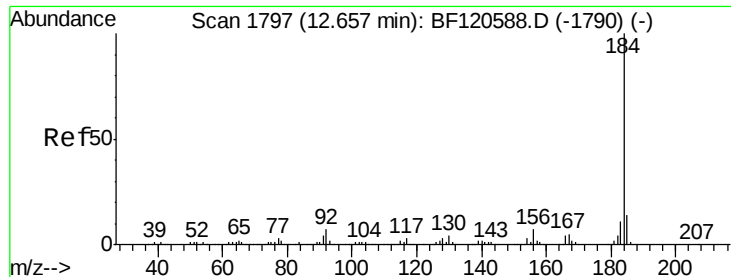


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 8.479 ng

RT: 12.64 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

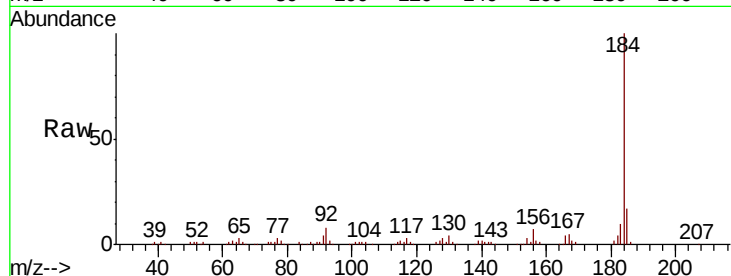
Tot Ion:184 Resp: 140945

Ion Ratio Lower Upper

184 100

185 16.8 11.4 17.0

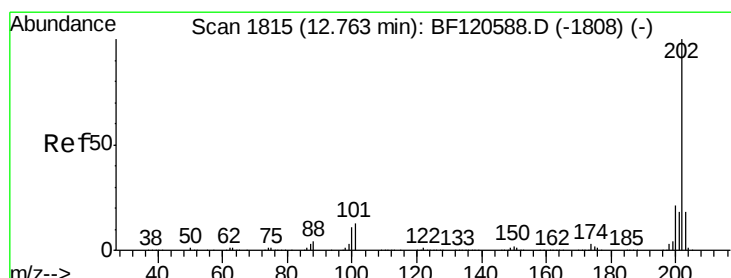
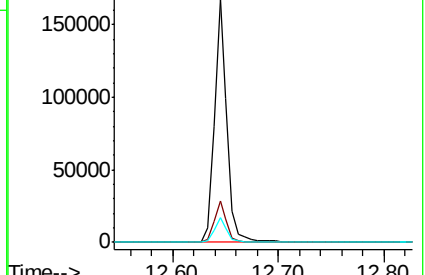
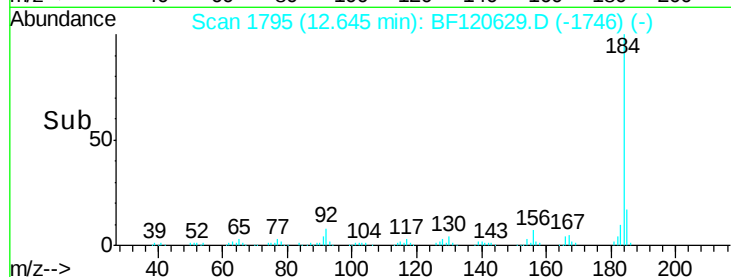
183 10.4 9.0 13.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.997 ng

RT: 12.75 min Scan# 1813

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

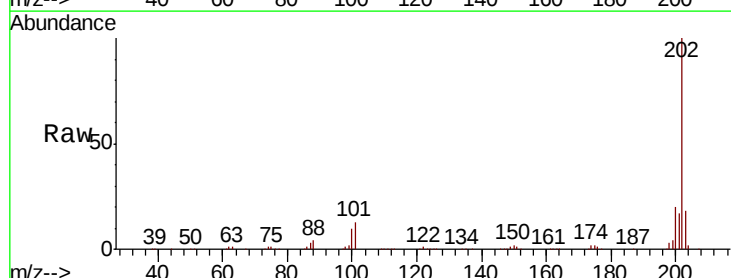
Tgt Ion:202 Resp: 313282

Ion Ratio Lower Upper

202 100

200 19.8 16.8 25.2

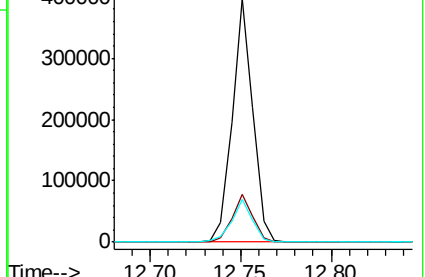
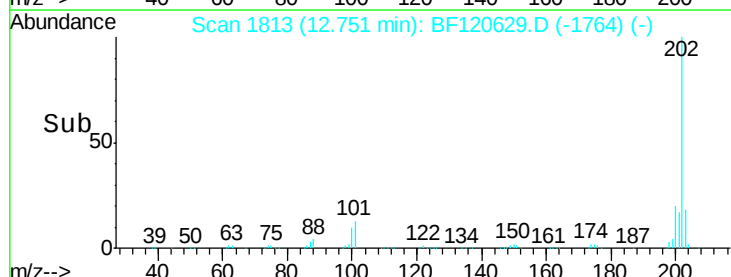
203 17.7 14.3 21.5



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: 102.817 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

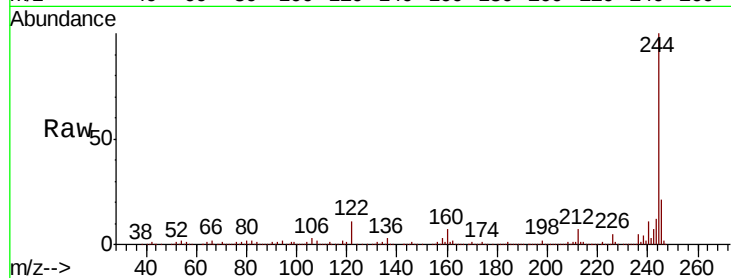
Tot Ion:244 Resp: 2287833

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

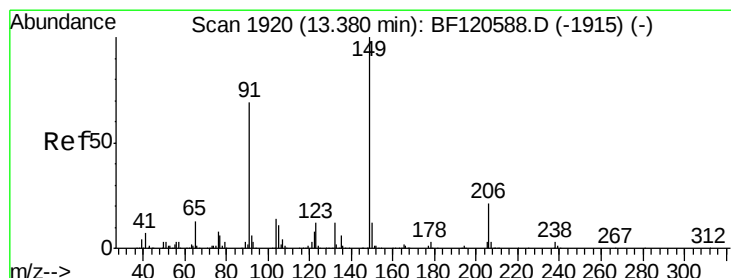
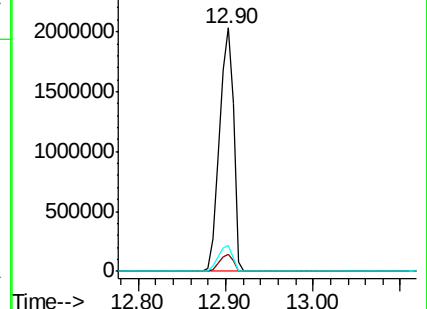
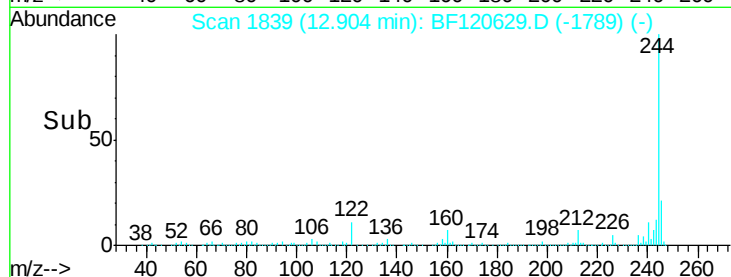
122 10.7 8.3 12.5



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: 7.776 ng

RT: 13.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

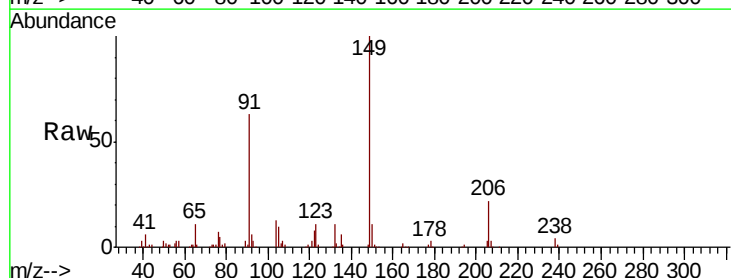
Tgt Ion:149 Resp: 120222

Ion Ratio Lower Upper

149 100

91 63.1 55.4 83.0

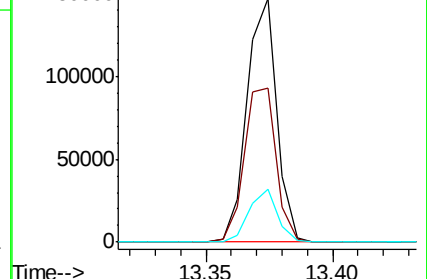
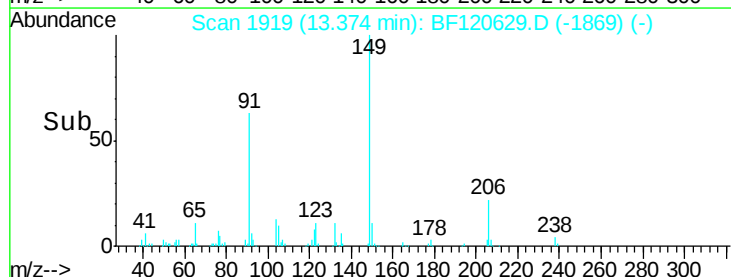
206 21.6 17.0 25.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 9.382 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

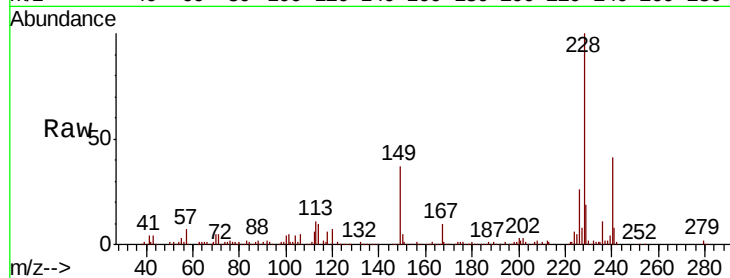
Tot Ion:228 Resp: 277053

Ion Ratio Lower Upper

228 100

226 26.5 22.5 33.7

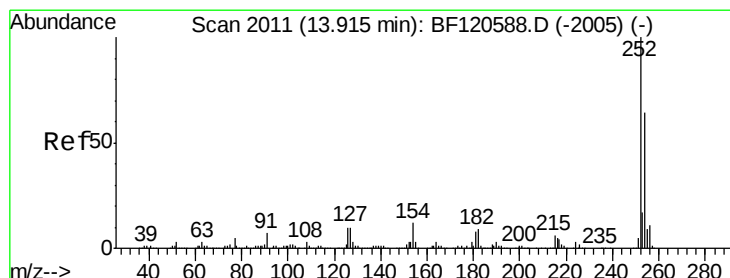
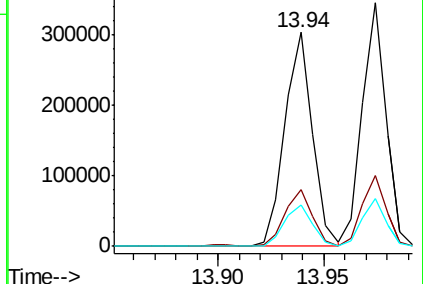
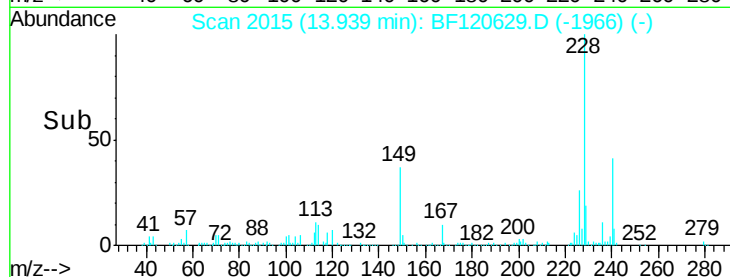
229 19.2 16.1 24.1



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: 9.445 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

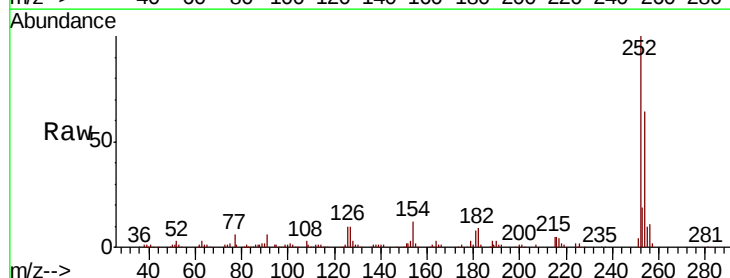
Tgt Ion:252 Resp: 106535

Ion Ratio Lower Upper

252 100

254 64.0 51.4 77.2

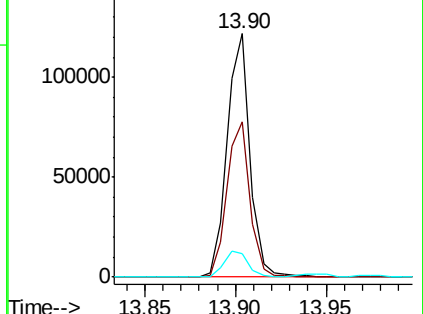
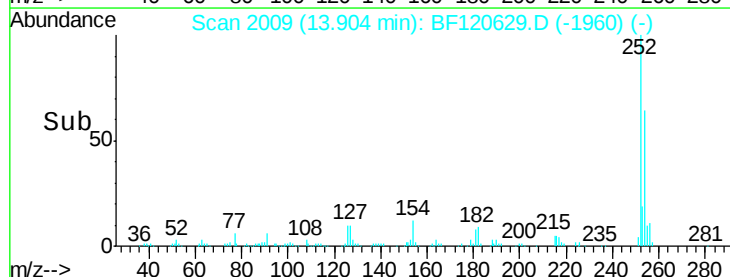
126 9.5 7.9 11.9

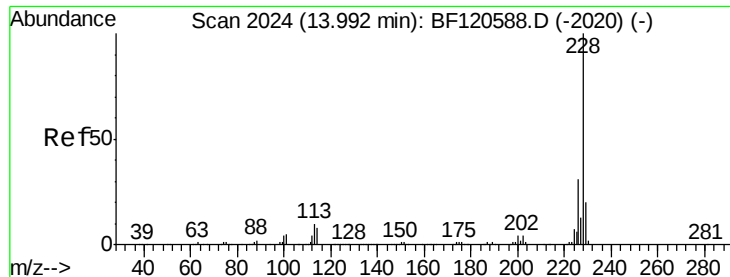


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

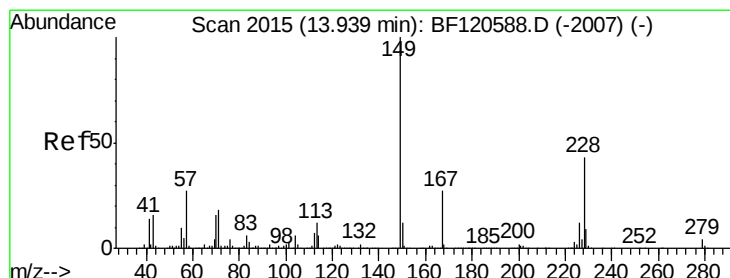
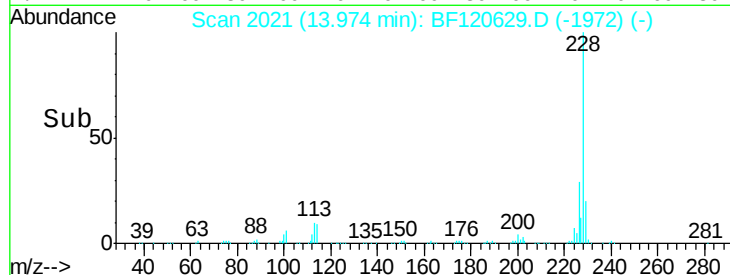
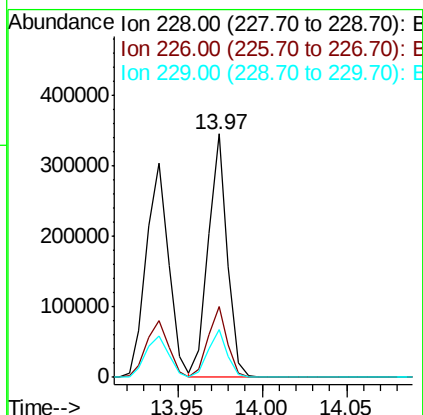
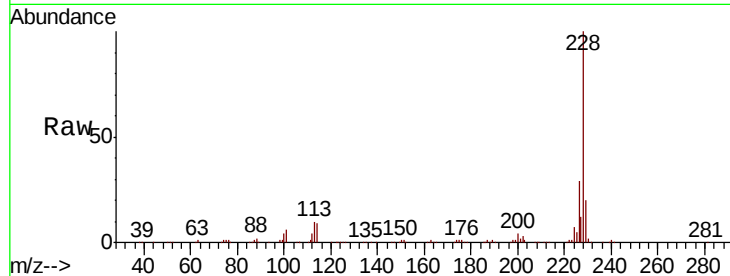




#83
Chrysene
Concen: 9.000 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

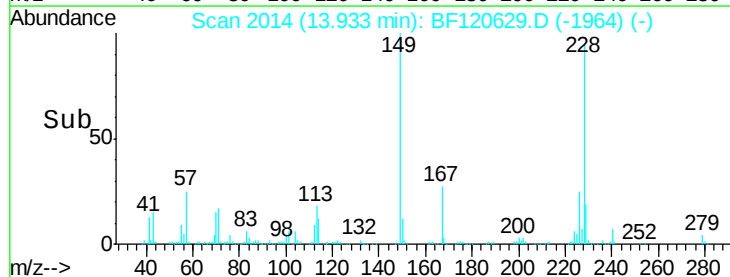
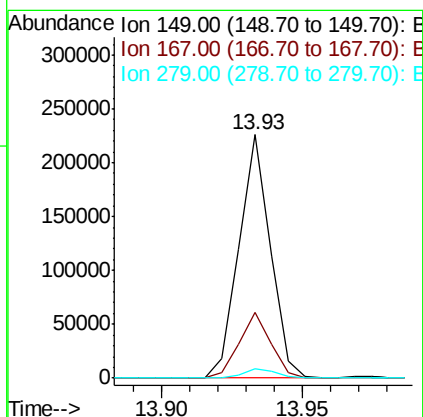
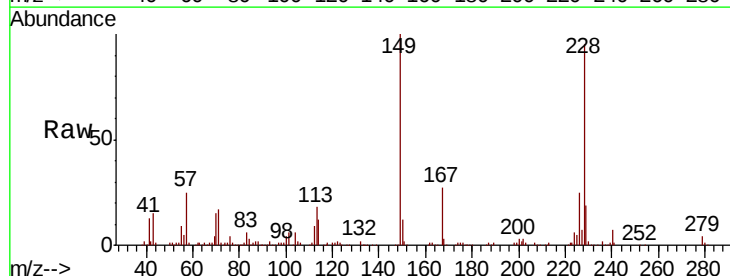
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:228 Resp: 272619
Ion Ratio Lower Upper
228 100
226 29.2 24.9 37.3
229 19.7 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 9.292 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:149 Resp: 175324
Ion Ratio Lower Upper
149 100
167 27.2 22.0 33.0
279 3.8 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 8.211 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2020

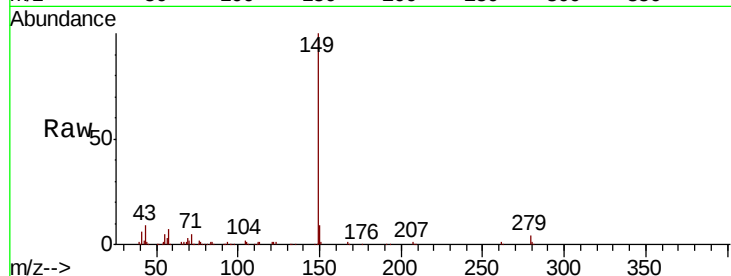
Tot Ion:149 Resp: 295680

Ion Ratio Lower Upper

149 100

167 1.4 1.3 1.9

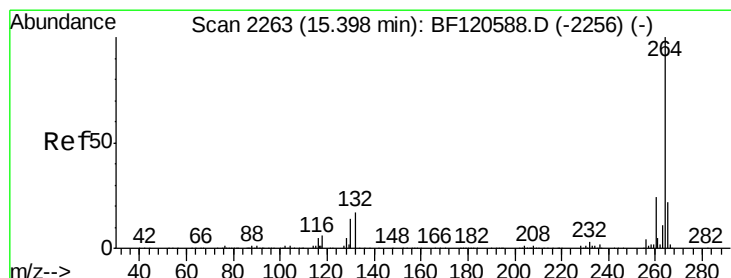
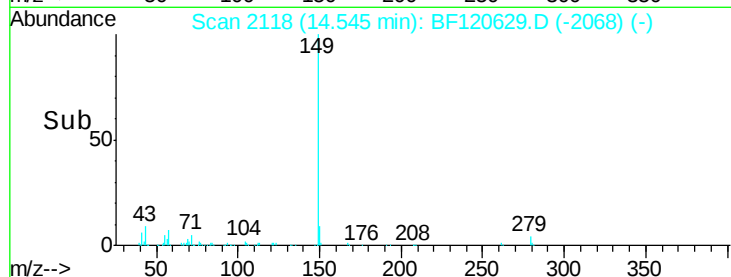
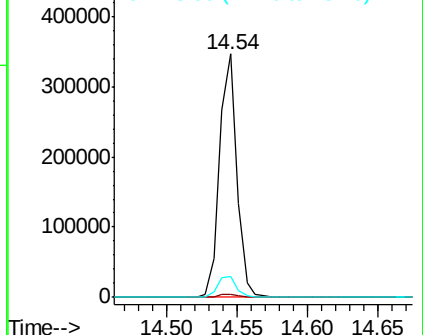
43 9.8 7.6 11.4



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BF120629.D

Acq: 16 Jun 2020 15:31

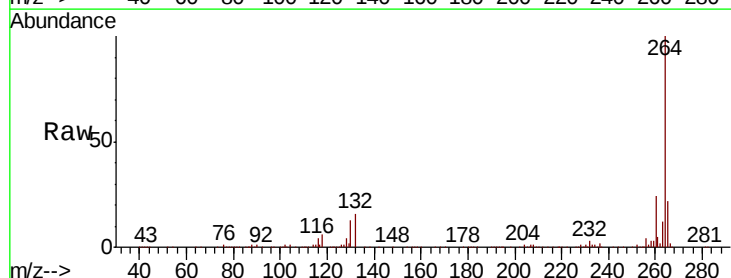
Tgt Ion:264 Resp: 557807

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

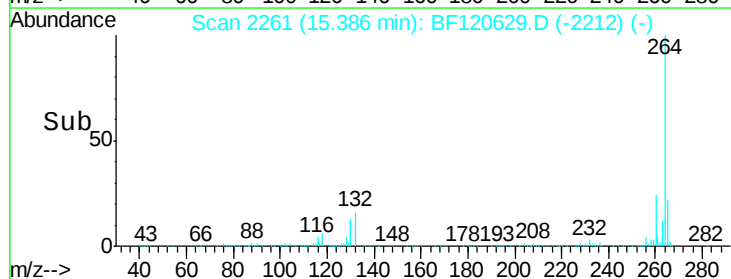
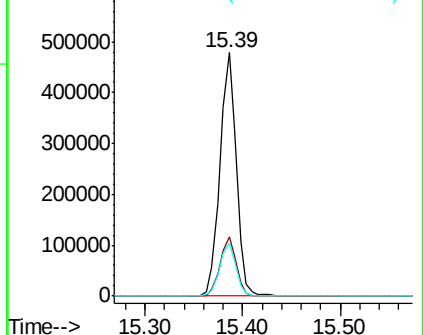
265 21.6 17.8 26.8

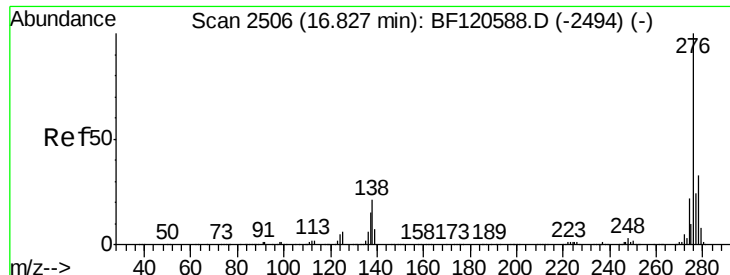


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

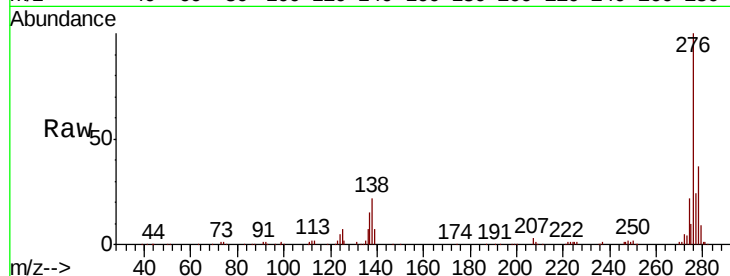




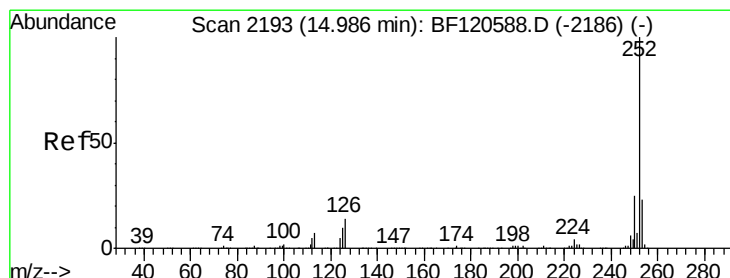
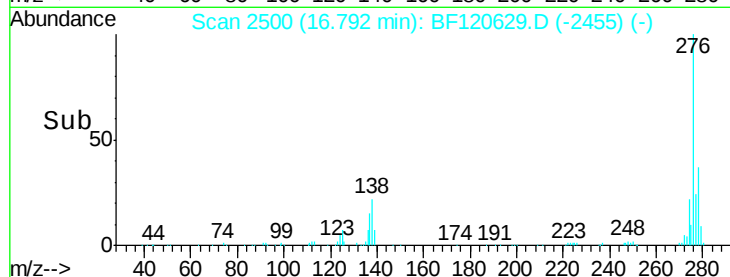
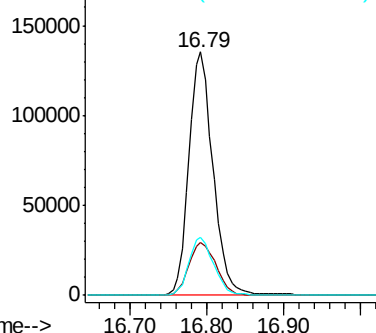
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.684 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2020

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

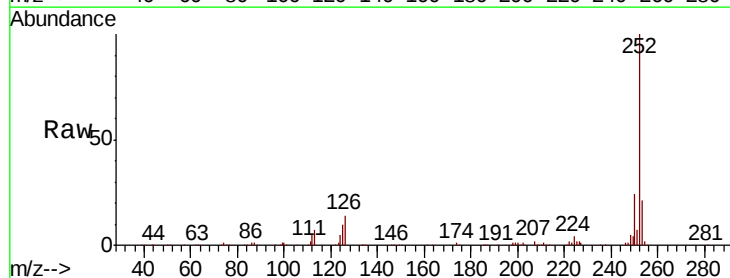


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

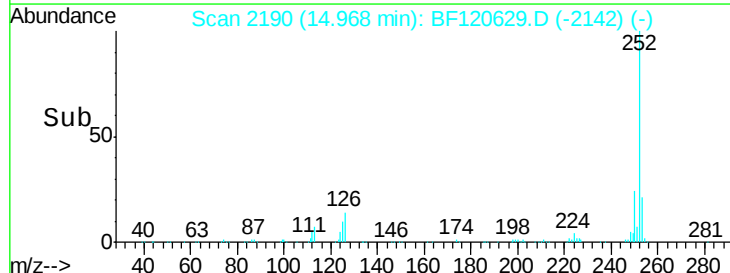
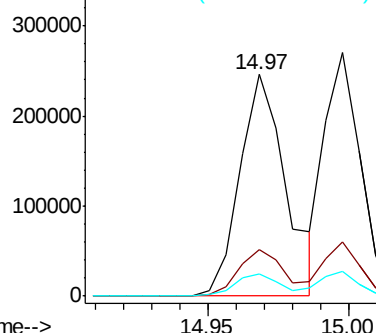


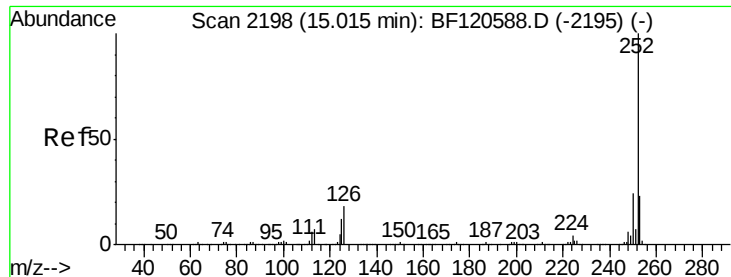
#88
 Benzo(b)fluoranthene
 Concen: 8.387 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120629.D
 Acq: 16 Jun 2020 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	18.1	27.1
125	10.1	8.3	12.5



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

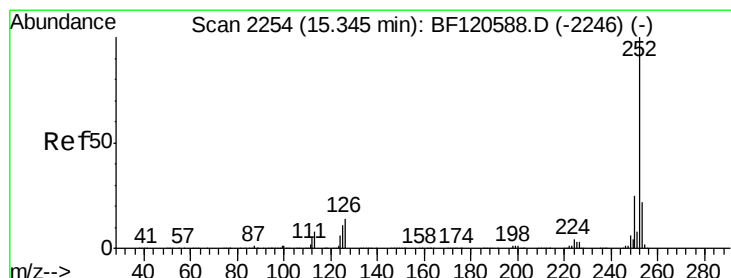
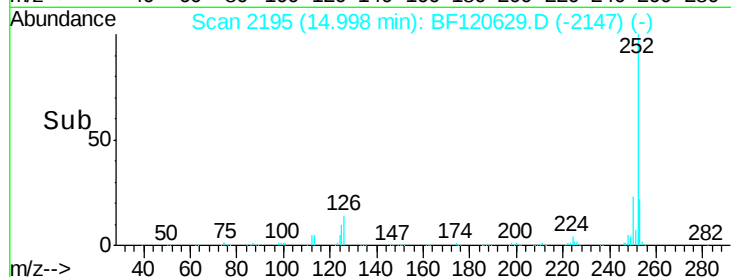
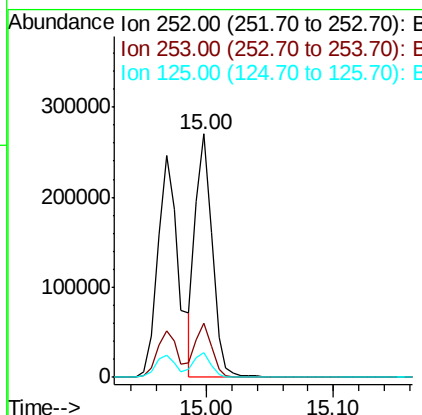
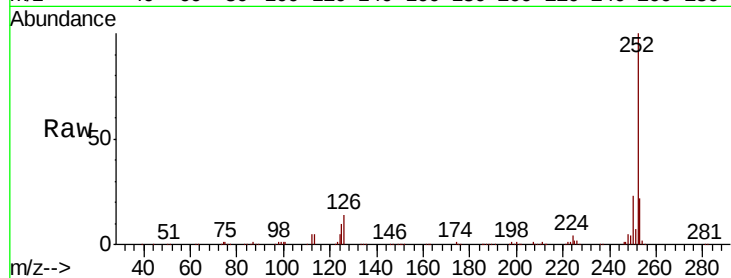




#89
Benzo(k)fluoranthene
Concen: 8.384 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

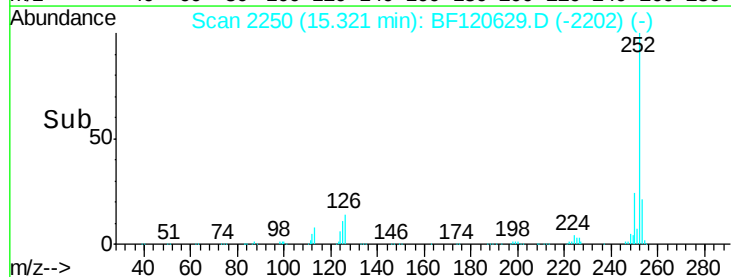
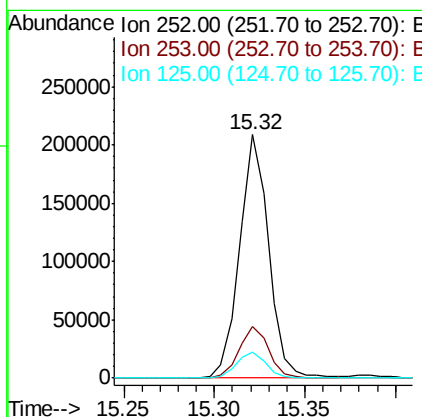
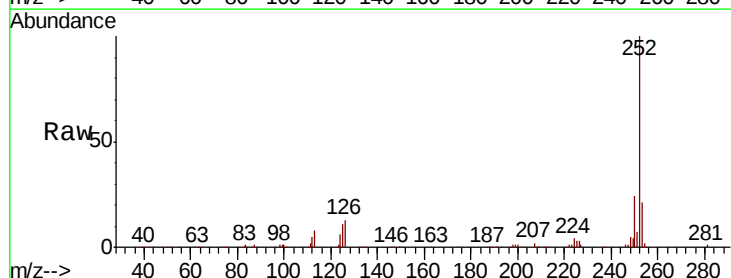
Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

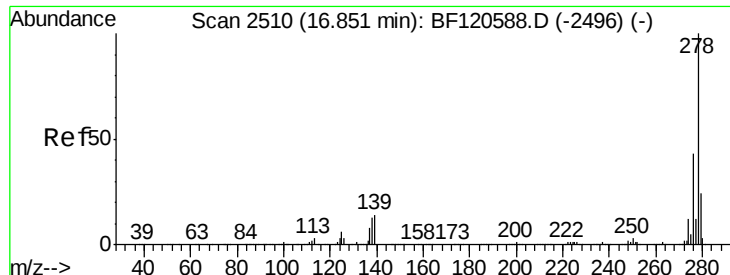
Tot Ion:252 Resp: 246496
Ion Ratio Lower Upper
252 100
253 22.5 18.0 27.0
125 10.0 8.3 12.5



#90
Benzo(a)pyrene
Concen: 7.821 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:252 Resp: 232564
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 10.7 8.6 12.8

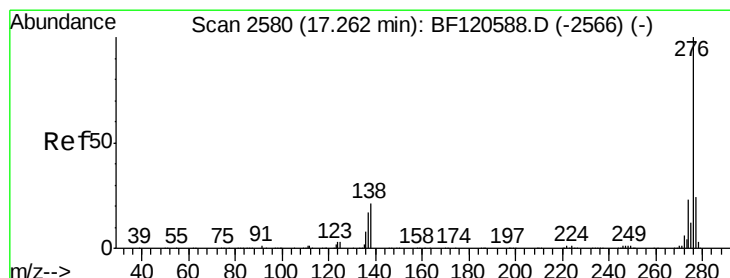
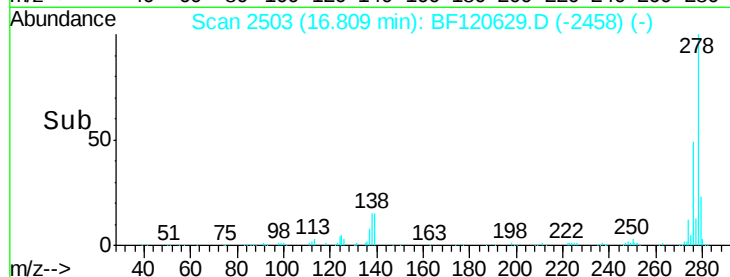
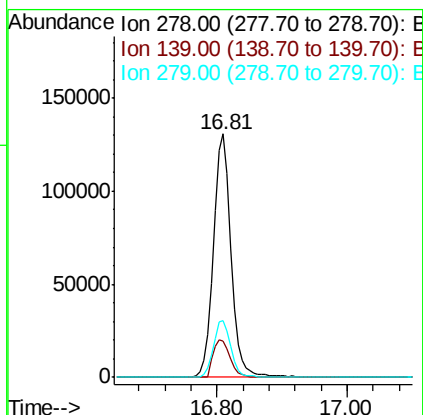
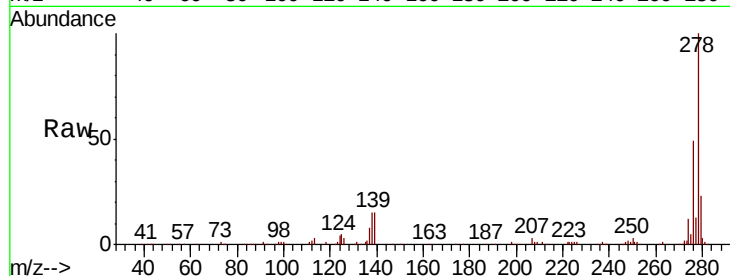




#91
Dibenzo(a,h)anthracene
Concen: 9.022 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.04 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2020

Tot Ion:278 Resp: 245474
Ion Ratio Lower Upper
278 100
139 14.7 11.4 17.2
279 23.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 9.056 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BF120629.D
Acq: 16 Jun 2020 15:31

Tgt Ion:276 Resp: 248372
Ion Ratio Lower Upper
276 100
277 24.1 19.6 29.4
138 20.9 16.5 24.7

