

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117797.D
 Acq On : 15 Nov 2019 10:35
 Operator : JU
 Sample : K5111-09
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Quant Time: Nov 15 16:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	282230	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	1142971	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	625427	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1200421	20.00	ng	0.00
76) Chrysene-d12	14.11	240	903274	20.00	ng	0.00
87) Perylene-d12	15.62	264	856845	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	2075926	130.20	ng	0.00
7) Phenol-d6	6.55	99	2524988	131.30	ng	0.00
23) Nitrobenzene-d5	7.49	82	1911785	99.43	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	897281	135.51	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	3424501	98.23	ng	0.00
79) Terphenyl-d14	13.06	244	4048854	81.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	53619	7.194	ng	100
3) Pyridine	3.53	79	125942	6.442	ng	100
4) n-Nitrosodimethylamine	3.42	42	61999	7.265	ng	# 96
6) Aniline	6.59	93	224806	8.846	ng	98
8) 2-Chlorophenol	6.71	128	143199	8.277	ng	96
9) Benzaldehyde	6.47	77	121712	5.980	ng	98
10) Phenol	6.56	94	165219	8.268	ng	95
11) bis(2-Chloroethyl)ether	6.66	93	138465	8.628	ng	97
12) 1,3-Dichlorobenzene	6.86	146	168122	8.254	ng	98
13) 1,4-Dichlorobenzene	6.94	146	168380	8.178	ng	98
14) 1,2-Dichlorobenzene	7.10	146	160387	8.145	ng	98
15) Benzyl Alcohol	7.06	79	101961	6.867	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	201761	8.166	ng	99
17) 2-Methylphenol	7.16	107	119325	8.144	ng	96
18) Hexachloroethane	7.44	117	59110	7.815	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	104832	8.836	ng	98
20) 3+4-Methylphenols	7.32	107	157244	8.646	ng	98
22) Acetophenone	7.33	105	216534	8.432	ng	# 95
24) Nitrobenzene	7.50	77	163817	8.259	ng	100
25) Isophorone	7.74	82	289039	8.202	ng	99
26) 2-Nitrophenol	7.82	139	72267	7.485	ng	98
27) 2,4-Dimethylphenol	7.85	122	128143	8.542	ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	176654	7.900	ng	99
29) 2,4-Dichlorophenol	8.06	162	127074	7.809	ng	99
30) 1,2,4-Trichlorobenzene	8.15	180	147065	7.791	ng	96
31) Naphthalene	8.23	128	464849	8.724	ng	98
32) Benzoic acid	7.91	122	47643	3.793	ng	95
33) 4-Chloroaniline	8.27	127	192916	8.087	ng	98
34) Hexachlorobutadiene	8.35	225	84403	7.648	ng	99
35) Caprolactam	8.61	113	38454	7.435	ng	97
36) 4-Chloro-3-methylphenol	8.75	107	132192	8.005	ng	97
37) 2-Methylnaphthalene	8.92	142	323591	8.988	ng	99
38) 1-Methylnaphthalene	9.02	142	299918	8.812	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	140646	7.744	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111519\
 Data File : BF117797.D
 Acq On : 15 Nov 2019 10:35
 Operator : JU
 Sample : K5111-09
 Misc : MDL-MDL-WTR-8PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Quant Time: Nov 15 16:34:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 18:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	77388	7.603	ng	98
43) 2,4,6-Trichlorophenol	9.20	196	93424	7.181	ng	98
44) 2,4,5-Trichlorophenol	9.23	196	102482	7.587	ng	99
46) 1,1'-Biphenyl	9.39	154	399550	8.611	ng	98
47) 2-Chloronaphthalene	9.42	162	300096	7.862	ng	98
48) 2-Nitroaniline	9.50	65	79408	6.891	ng	96
49) Acenaphthylene	9.83	152	489887	8.803	ng	97
50) Dimethylphthalate	9.68	163	352614	8.040	ng	99
51) 2,6-Dinitrotoluene	9.75	165	76138	7.943	ng	87
52) Acenaphthene	10.00	154	292621	8.208	ng	99
53) 3-Nitroaniline	9.91	138	79730	6.951	ng	96
54) 2,4-Dinitrophenol	10.02	184	22252	11.335	ng #	13
55) Dibenzofuran	10.17	168	431872	8.748	ng	97
56) 4-Nitrophenol	10.06	139	62262	7.273	ng	98
57) 2,4-Dinitrotoluene	10.15	165	93599	7.676	ng	98
58) Fluorene	10.52	166	334534	8.745	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.29	232	86884	7.829	ng	99
60) Diethylphthalate	10.39	149	355584	8.316	ng	99
61) 4-Chlorophenyl-phenylether	10.51	204	169044	8.707	ng	99
62) 4-Nitroaniline	10.52	138	80687	7.026	ng	97
63) Azobenzene	10.67	77	332442	8.546	ng	97
65) 4,6-Dinitro-2-methylphenol	10.56	198	36449	6.504	ng	87
66) n-Nitrosodiphenylamine	10.63	169	294690	8.435	ng	99
67) 4-Bromophenyl-phenylether	11.00	248	105544	8.149	ng	96
68) Hexachlorobenzene	11.07	284	119508	7.913	ng	99
69) Atrazine	11.15	200	86562	7.532	ng	99
70) Pentachlorophenol	11.26	266	60786	6.889	ng	98
71) Phenanthrene	11.49	178	518220	8.586	ng	98
72) Anthracene	11.54	178	533936	8.923	ng	97
73) Carbazole	11.69	167	453565	8.674	ng	97
74) Di-n-butylphthalate	12.02	149	570740	8.766	ng	98
75) Fluoranthene	12.68	202	534496	2.642	ng	97
77) Benzidine	12.80	184	259942	8.786	ng	95
78) Pyrene	12.91	202	540819	7.409	ng	98
80) Butylbenzylphthalate	13.53	149	216904	6.918	ng	95
81) Benzo(a)anthracene	14.10	228	471405	7.898	ng	98
82) 3,3'-Dichlorobenzidine	14.06	252	175805	8.420	ng	99
83) Chrysene	14.14	228	452717	7.827	ng	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	317005	8.340	ng	99
85) Di-n-octyl phthalate	14.71	149	480930	8.612	ng	100
86) Indeno(1,2,3-cd)pyrene	17.14	276	339019	6.887	ng	100
88) Benzo(b)fluoranthene	15.17	252	420732	7.558	ng	99
89) Benzo(k)fluoranthene	15.20	252	407499	7.769	ng	99
90) Benzo(a)pyrene	15.55	252	347567	7.100	ng	99
91) Dibenzo(a,h)anthracene	17.16	278	288014	6.836	ng	99
92) Benzo(g,h,i)perylene	17.60	276	270511	6.446	ng	98

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

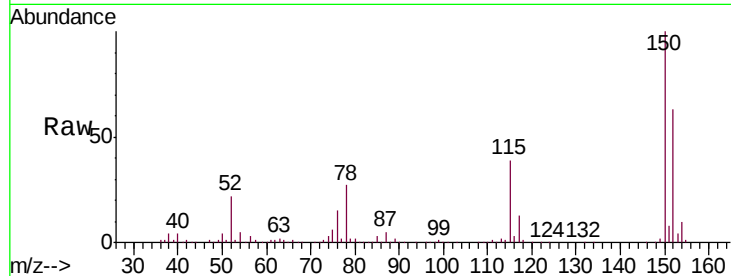


#1

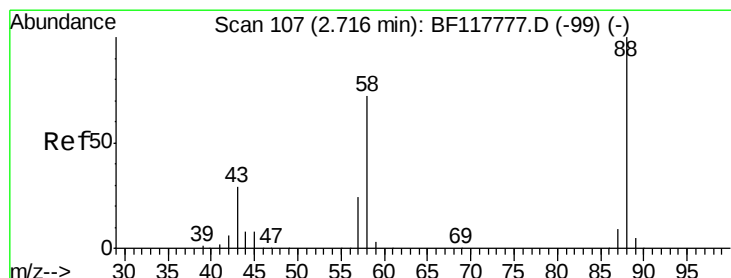
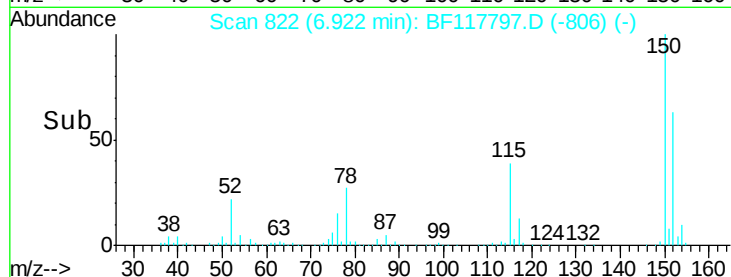
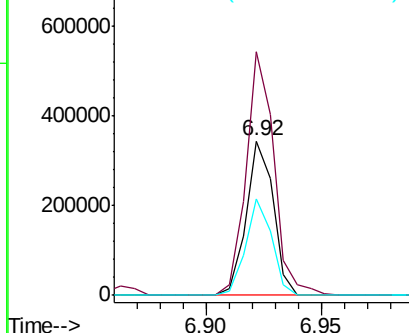
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 152 Resp: 282230
Ion Ratio Lower Upper
152 100
150 158.0 125.3 187.9
115 62.3 47.0 70.4



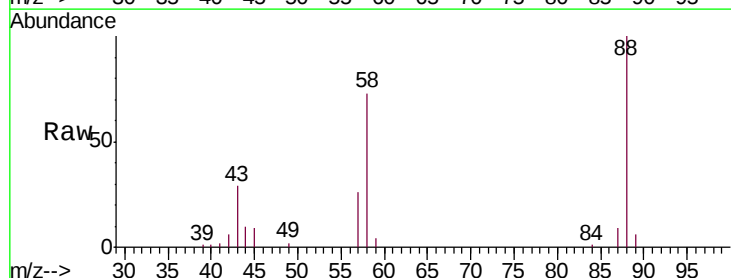
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



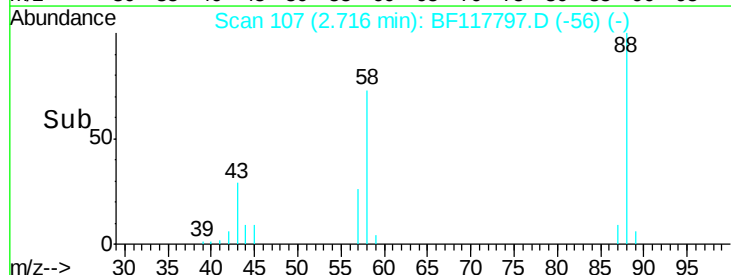
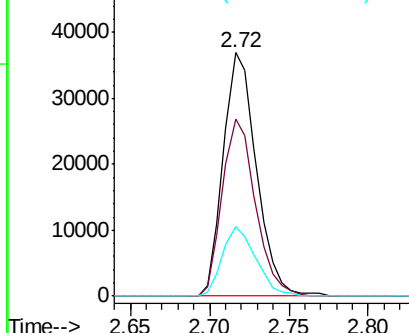
#2

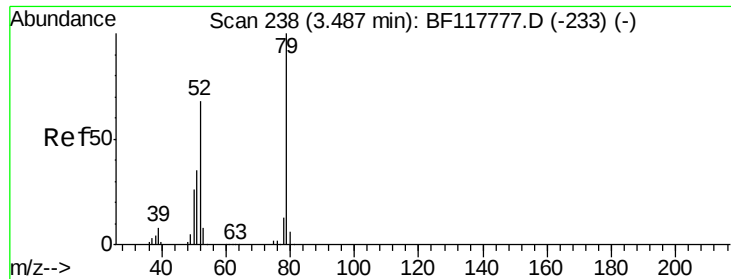
1,4-Dioxane
Concen: 7.194 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion: 88 Resp: 53619
Ion Ratio Lower Upper
88 100
58 72.9 58.2 87.2
43 28.5 23.3 34.9



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

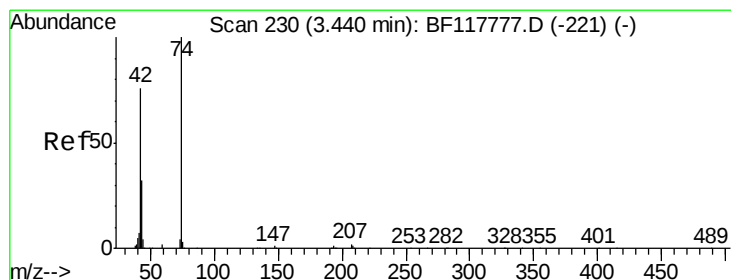
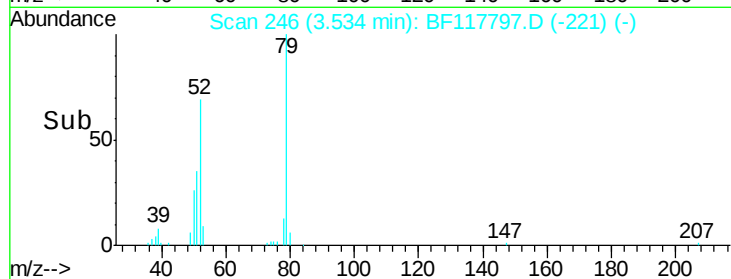
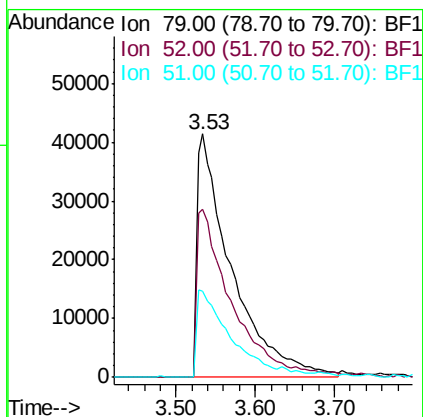
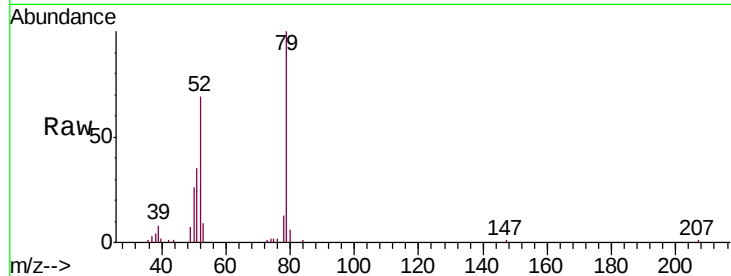




#3
 Pyridine
 Concen: 6.442 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.05 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

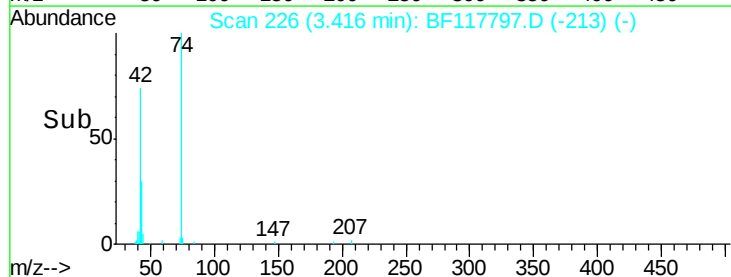
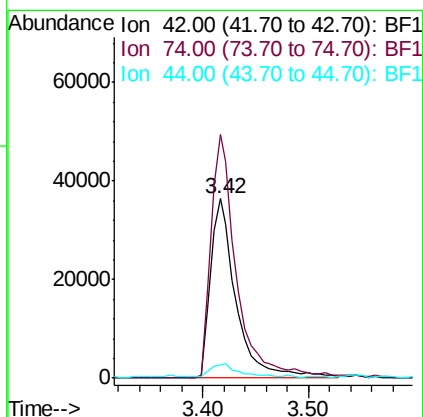
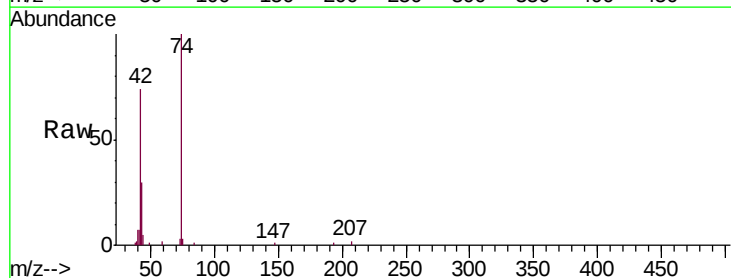
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

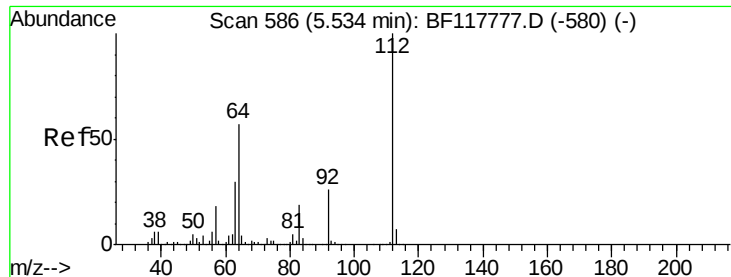
Tgt Ion: 79 Resp: 125942
 Ion Ratio Lower Upper
 79 100
 52 68.9 54.8 82.2
 51 35.2 28.2 42.4



#4
 n-Nitrosodimethylamine
 Concen: 7.265 ng
 RT: 3.42 min Scan# 226
 Delta R.T. -0.02 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion: 42 Resp: 61999
 Ion Ratio Lower Upper
 42 100
 74 135.7 105.1 157.7
 44 7.2 4.6 7.0#





#5

2-Fluorophenol

Concen: 130.199 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

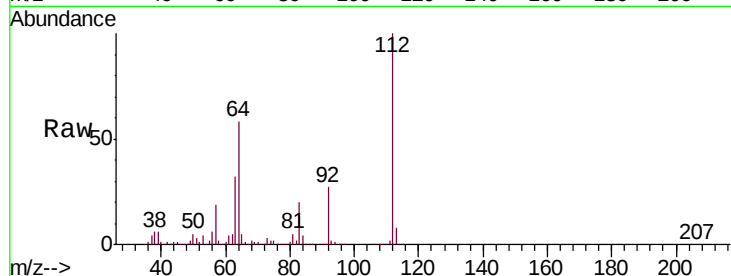
Tgt Ion: 112 Resp: 2075926

Ion Ratio Lower Upper

112 100

64 58.1 45.6 68.4

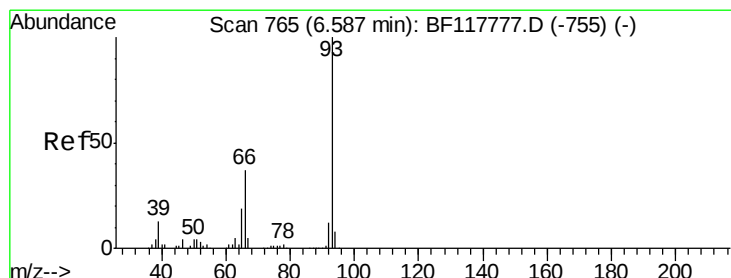
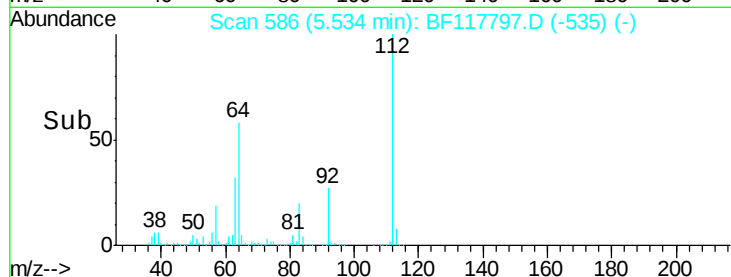
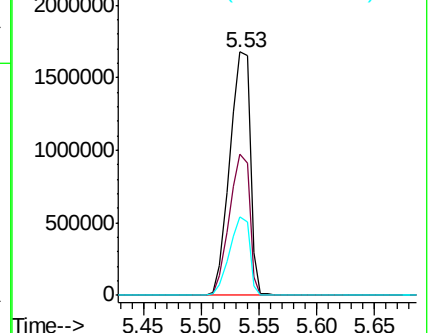
63 32.1 24.1 36.1



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: 8.846 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

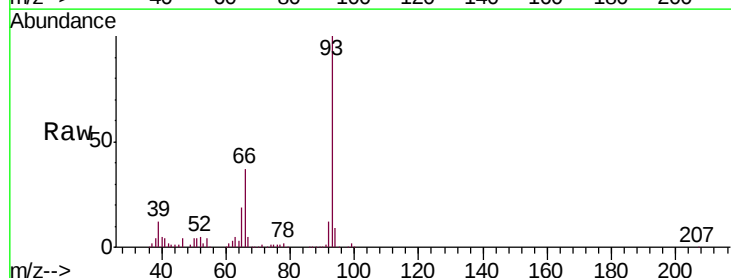
Tgt Ion: 93 Resp: 224806

Ion Ratio Lower Upper

93 100

66 37.0 30.6 45.8

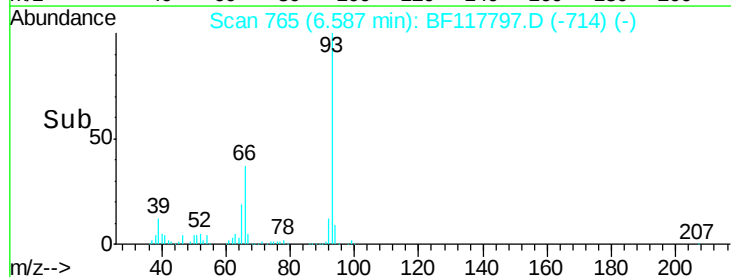
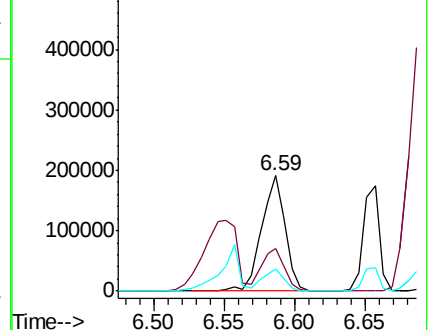
65 19.1 15.6 23.4

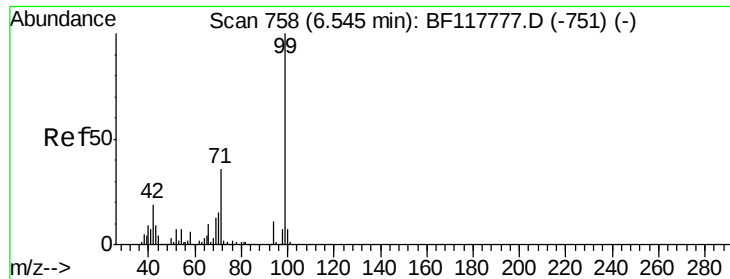


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 131.296 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

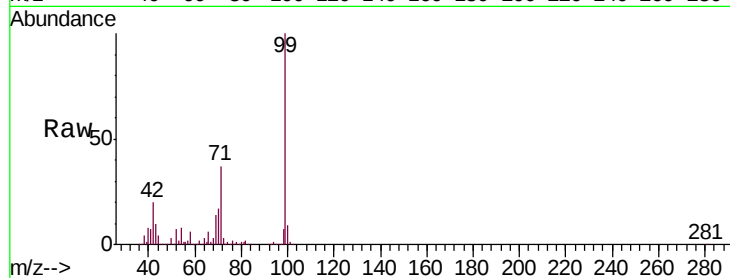
Tgt Ion: 99 Resp: 2524988

Ion Ratio Lower Upper

99 100

42 20.1 14.9 22.3

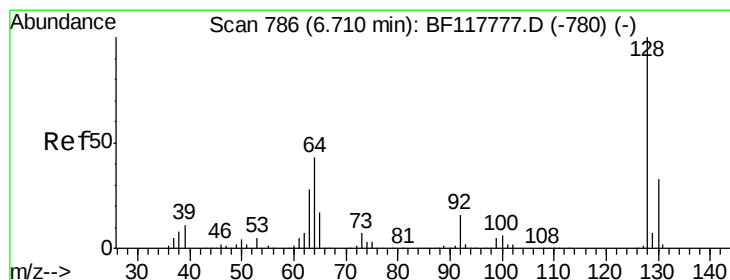
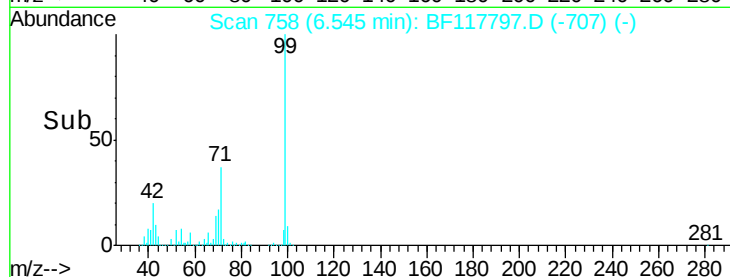
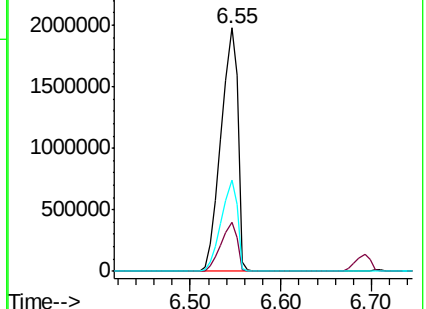
71 37.4 28.6 43.0



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: 8.277 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

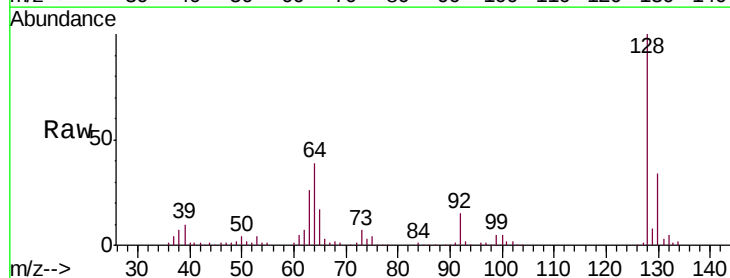
Tgt Ion: 128 Resp: 143199

Ion Ratio Lower Upper

128 100

130 33.7 13.2 53.2

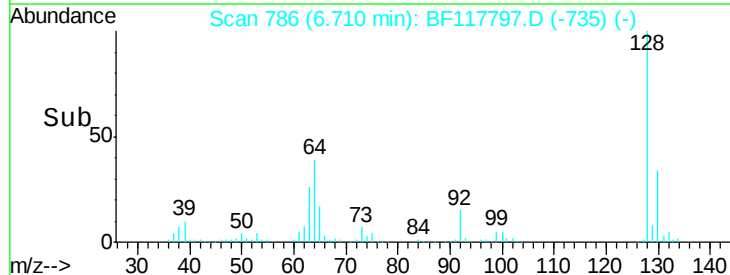
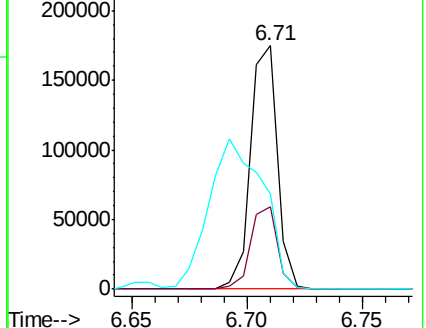
64 39.3 23.7 63.7

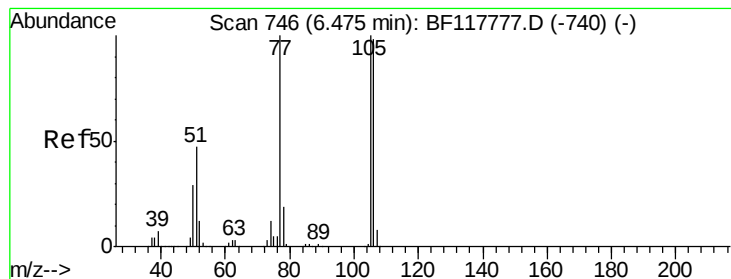


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.980 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

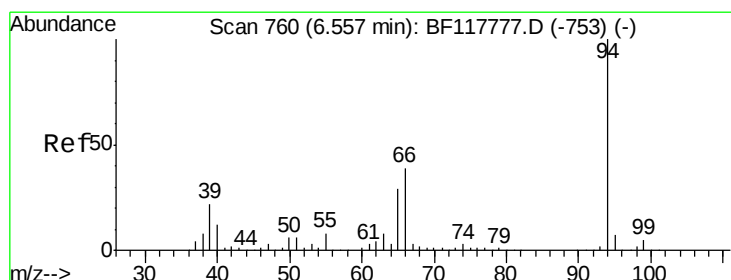
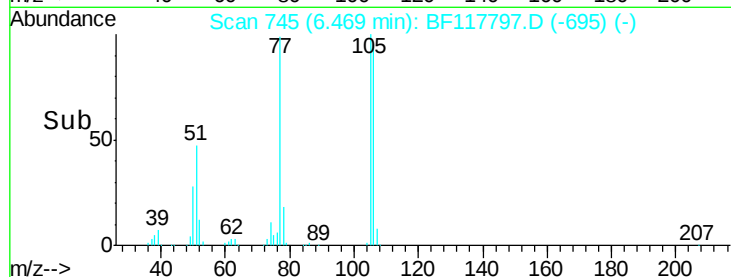
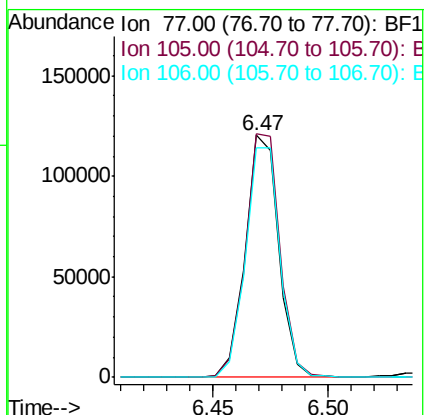
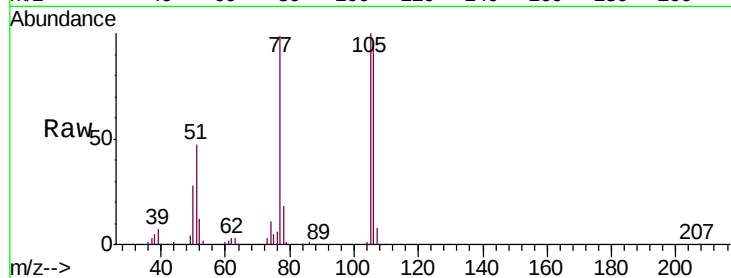
Tgt Ion: 77 Resp: 121712

Ion Ratio Lower Upper

77 100

105 100.6 80.2 120.2

106 95.1 78.4 118.4



#10

Phenol

Concen: 8.268 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

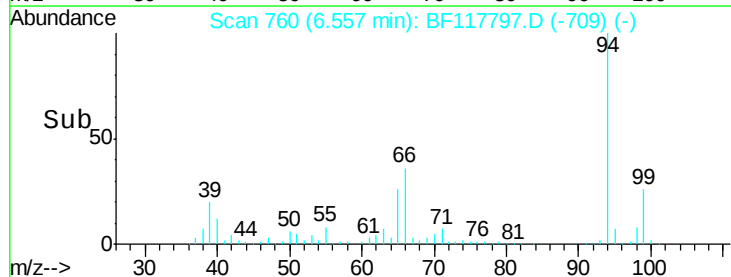
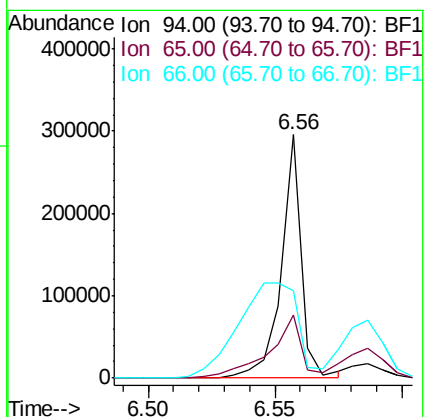
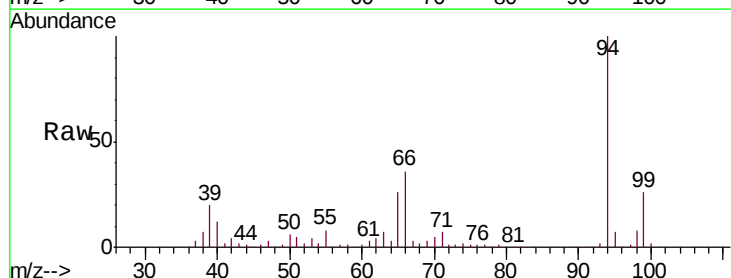
Tgt Ion: 94 Resp: 165219

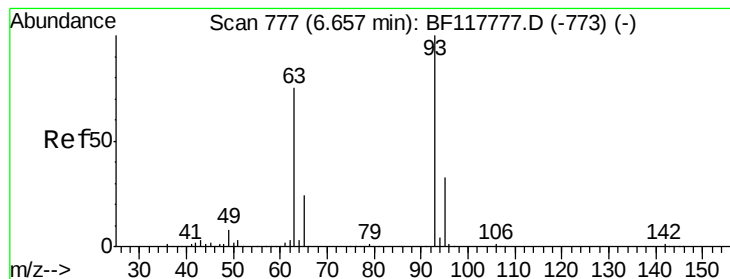
Ion Ratio Lower Upper

94 100

65 26.1 8.9 48.9

66 35.8 18.7 58.7





#11

bis(2-Chloroethyl)ether

Concen: 8.628 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

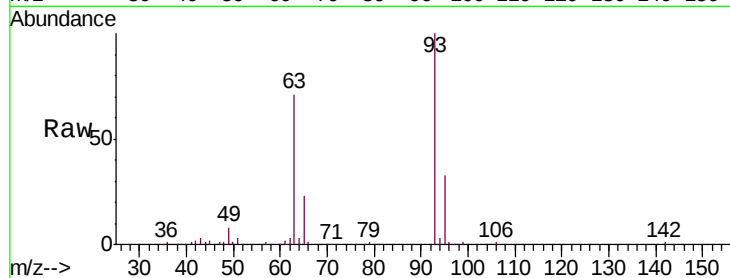
Tgt Ion: 93 Resp: 138465

Ion Ratio Lower Upper

93 100

63 71.1 54.8 94.8

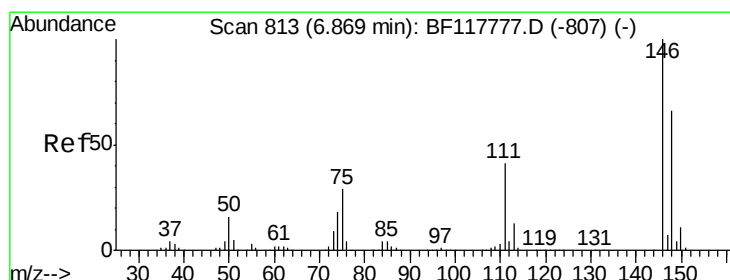
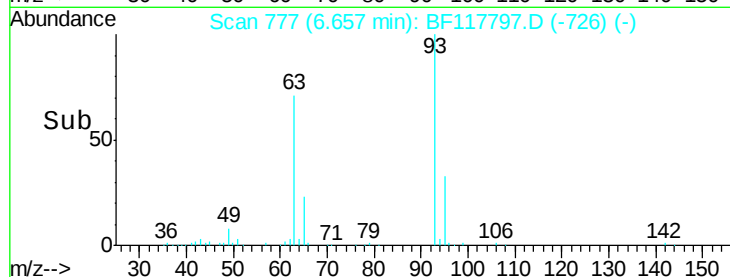
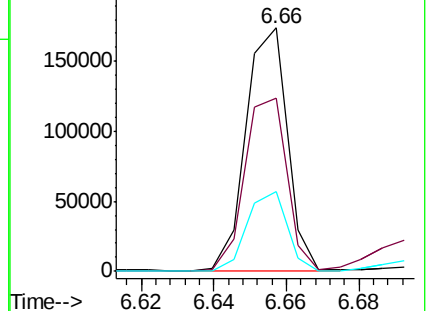
95 32.8 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 8.254 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

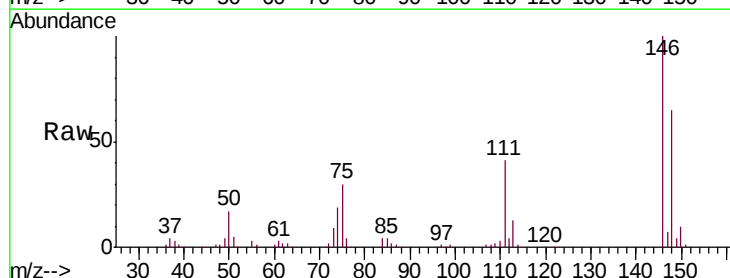
Tgt Ion: 146 Resp: 168122

Ion Ratio Lower Upper

146 100

148 64.9 52.8 79.2

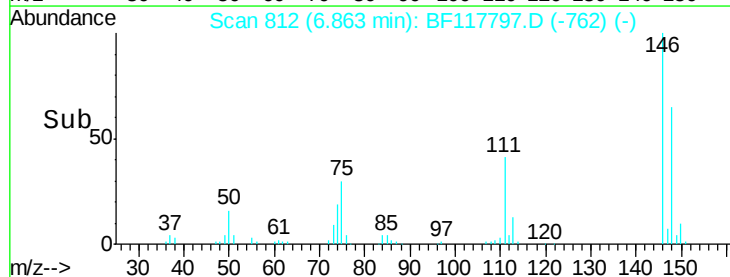
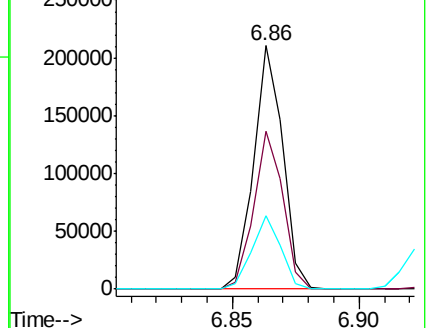
75 30.2 23.4 35.0

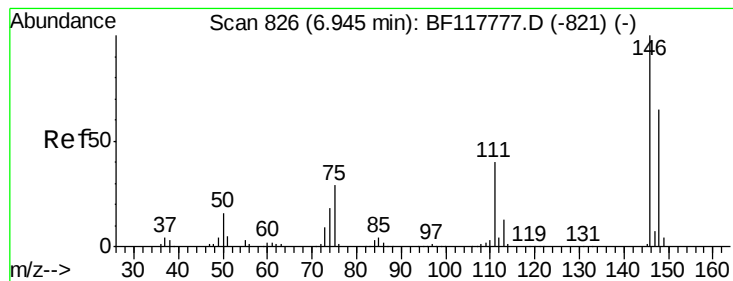


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 8.178 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

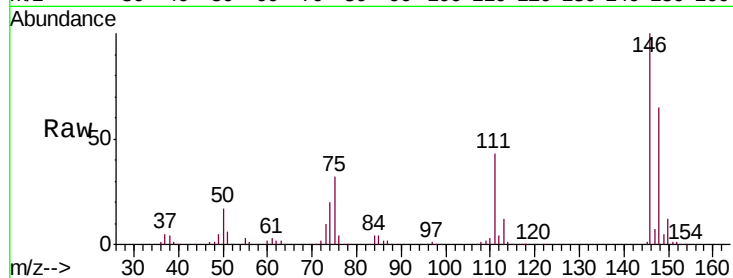
Tgt Ion:146 Resp: 168380

Ion Ratio Lower Upper

146 100

148 64.8 52.3 78.5

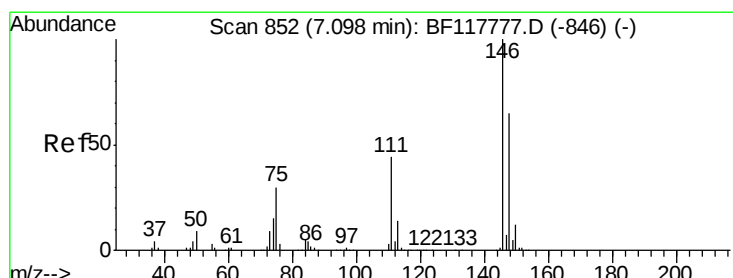
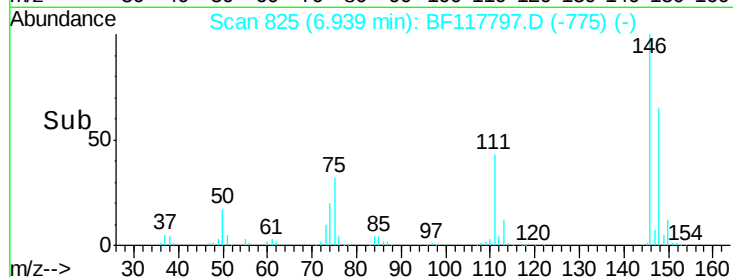
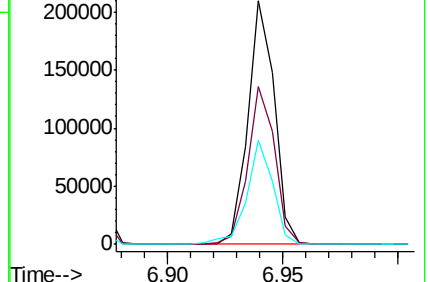
111 42.6 32.2 48.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 8.145 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

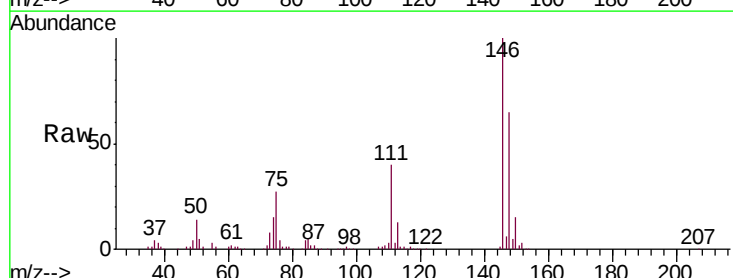
Tgt Ion:146 Resp: 160387

Ion Ratio Lower Upper

146 100

148 64.8 51.8 77.8

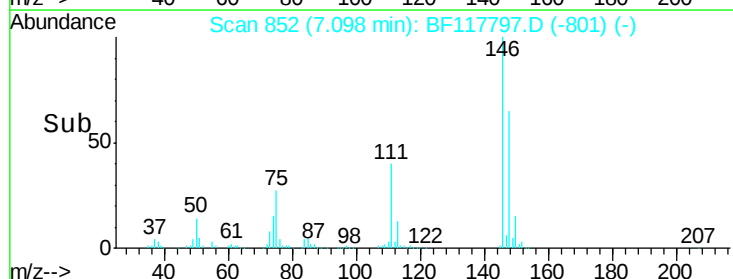
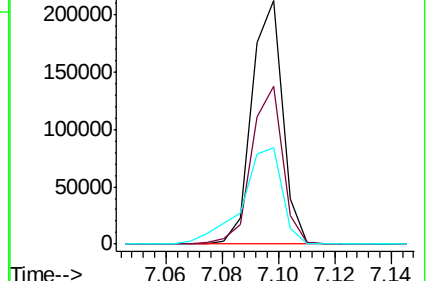
111 39.8 35.0 52.6

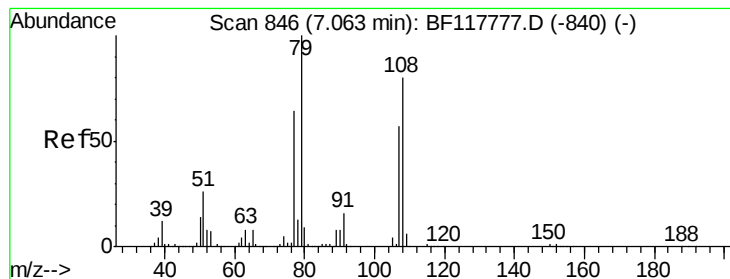


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 6.867 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

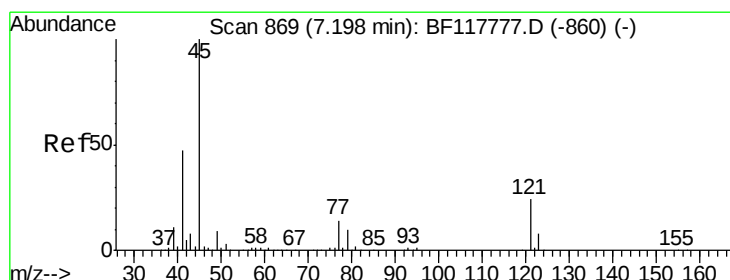
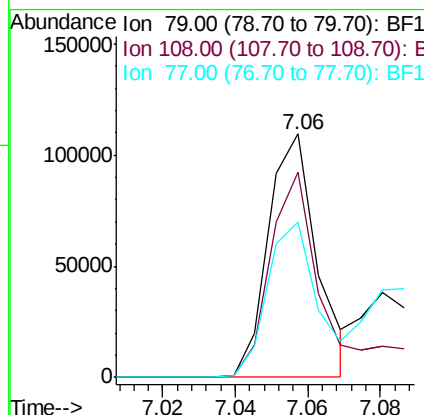
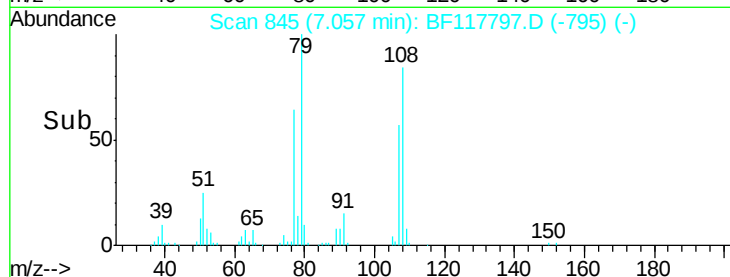
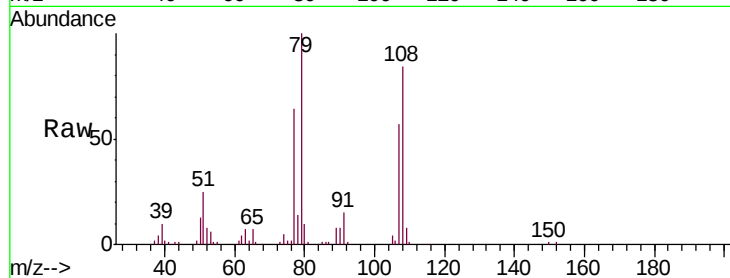
Tgt Ion: 79 Resp: 101961

Ion Ratio Lower Upper

79 100

108 84.4 64.1 96.1

77 64.0 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 8.166 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

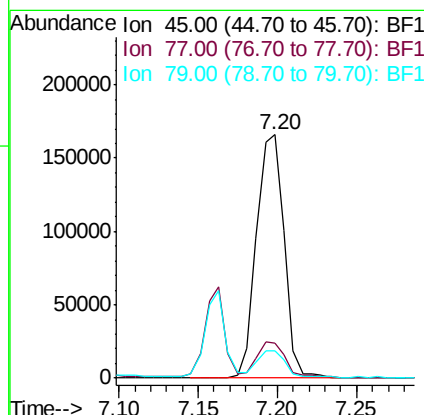
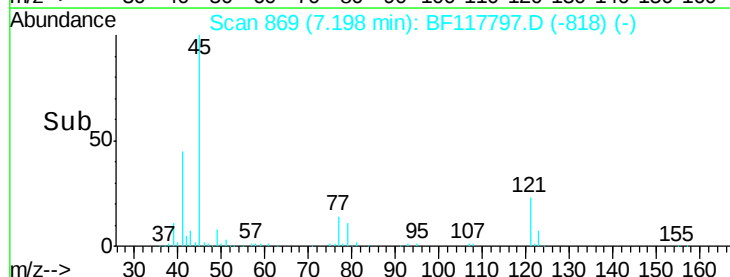
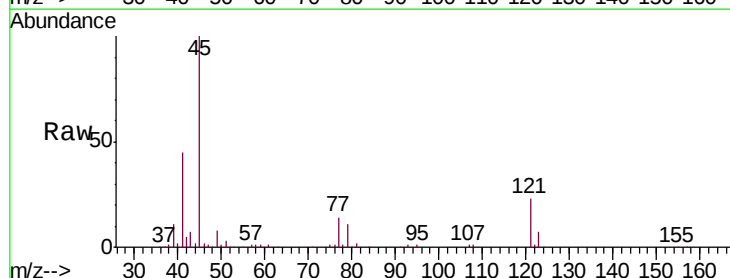
Tgt Ion: 45 Resp: 201761

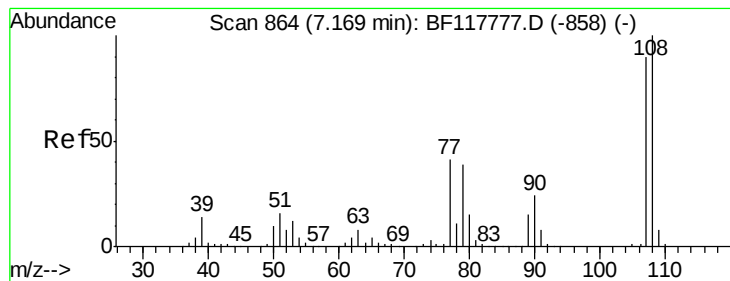
Ion Ratio Lower Upper

45 100

77 14.4 0.0 35.0

79 11.5 0.0 31.1





#17

2-Methylphenol

Concen: 8.144 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tgt Ion:107 Resp: 119325

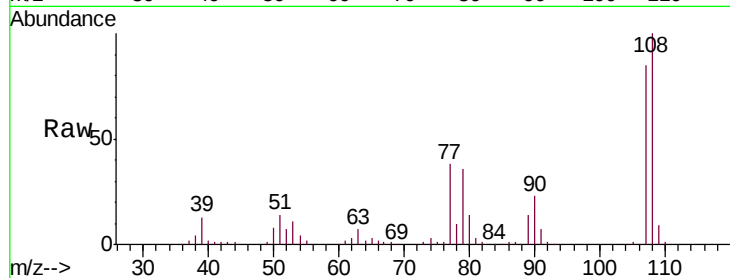
Ion Ratio Lower Upper

107 100

108 118.0 89.1 133.7

77 44.6 36.6 54.8

79 43.0 35.2 52.8

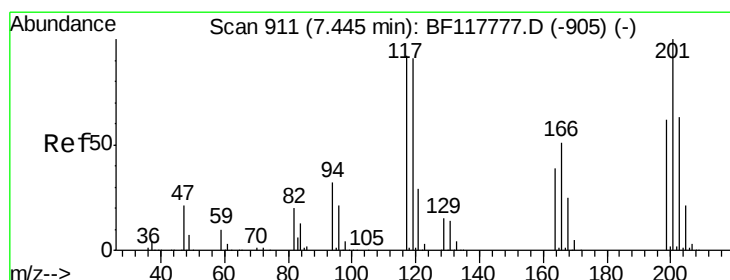
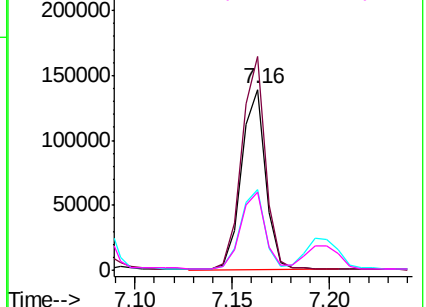
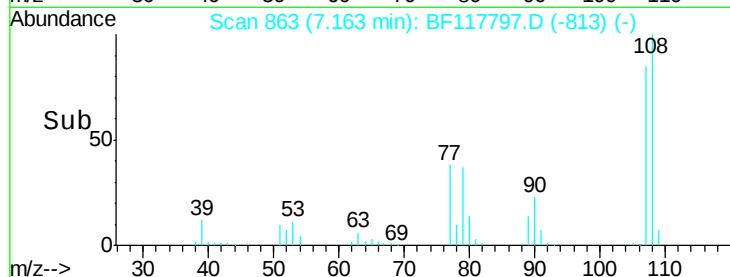


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 7.815 ng

RT: 7.44 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

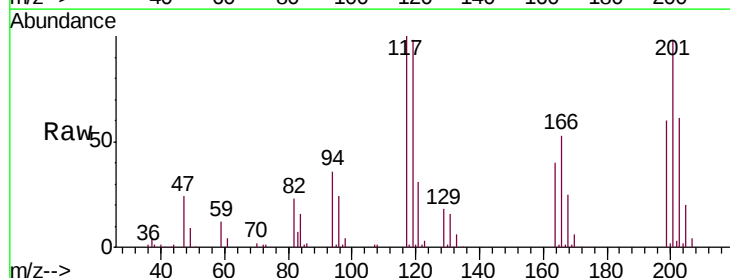
Tgt Ion:117 Resp: 59110

Ion Ratio Lower Upper

117 100

119 97.5 78.7 118.1

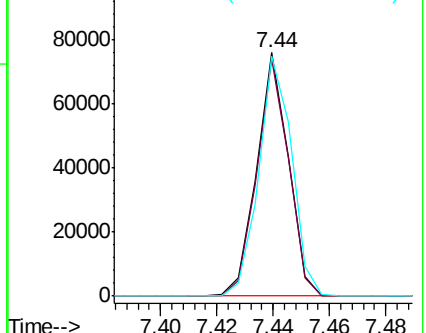
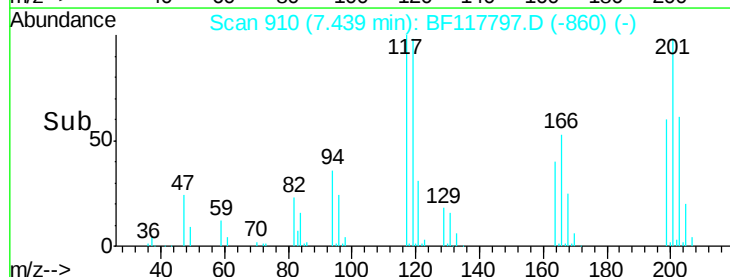
201 98.2 86.5 129.7

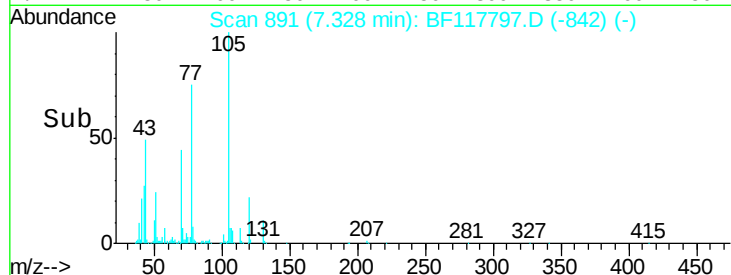
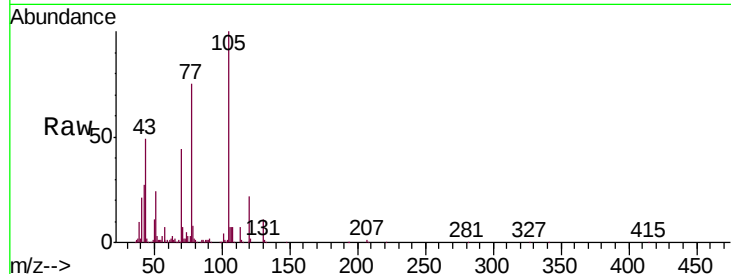
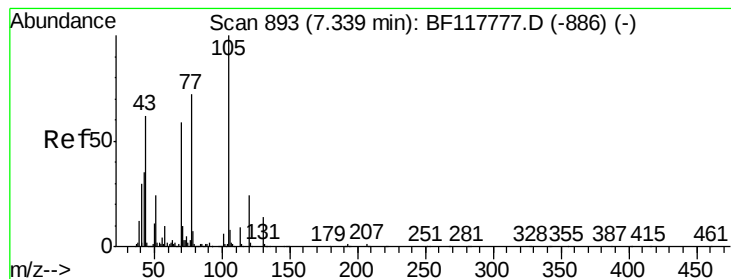


Abundance Ion 117.00 (116.70 to 117.70): E

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: 8.836 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 70 Resp: 104832

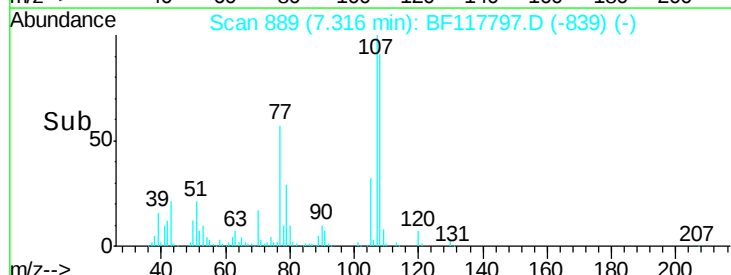
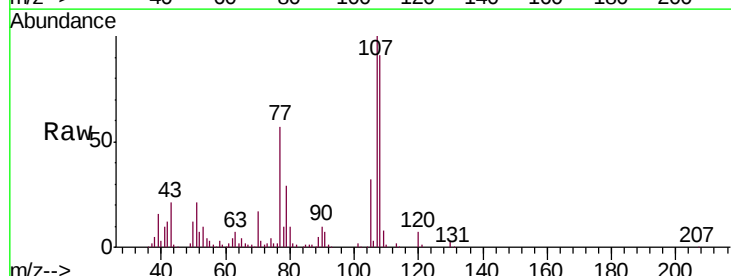
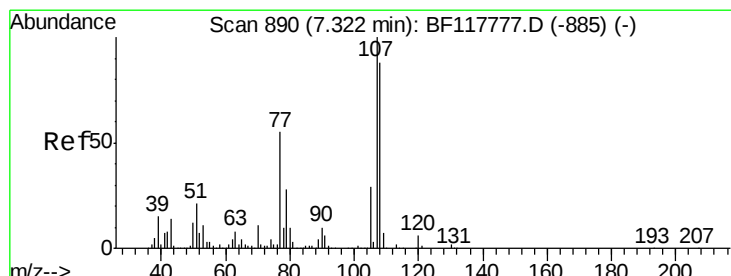
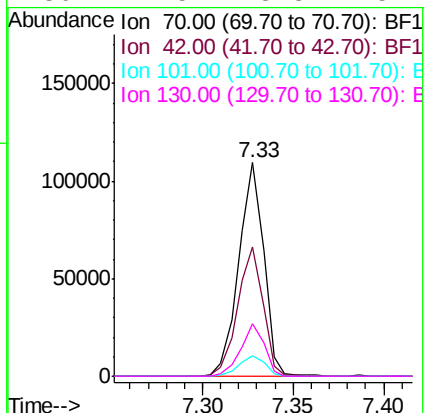
Ion Ratio Lower Upper

70 100

42 60.7 47.4 71.2

101 9.7 8.4 12.6

130 24.5 18.8 28.2



#20

3+4-Methylphenols

Concen: 8.646 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Tgt Ion: 107 Resp: 157244

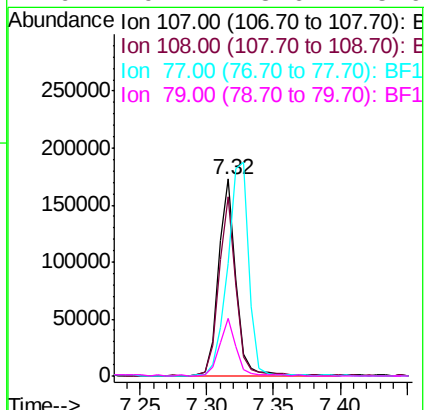
Ion Ratio Lower Upper

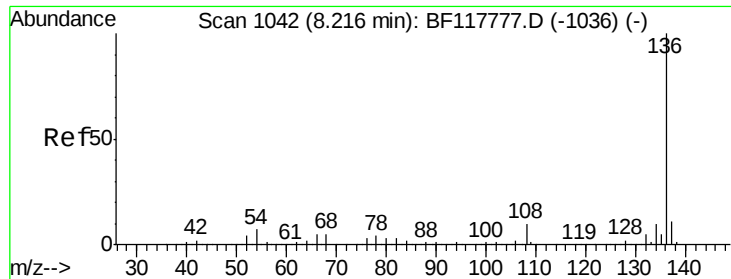
107 100

108 90.8 68.4 108.4

77 57.1 35.2 75.2

79 29.2 8.6 48.6



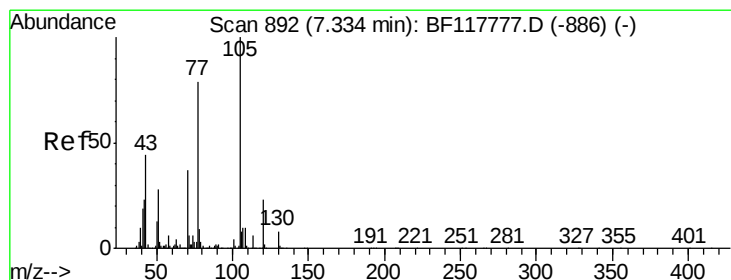
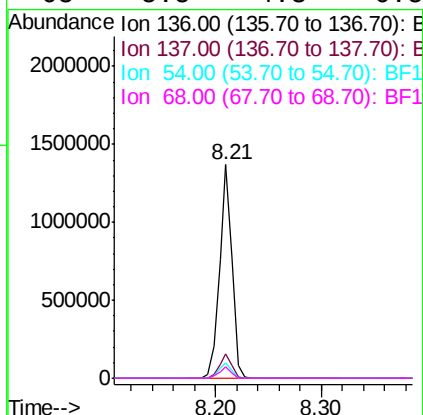
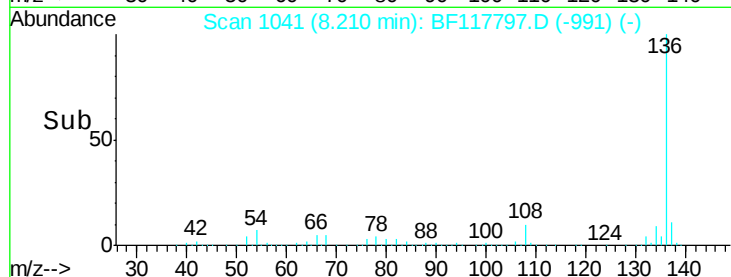
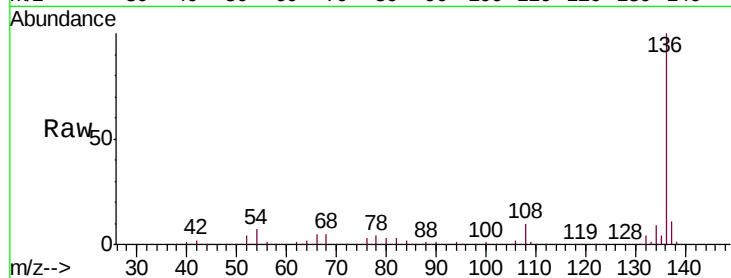


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:136 Resp: 1142971

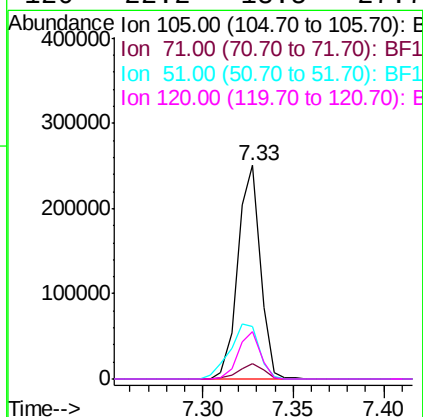
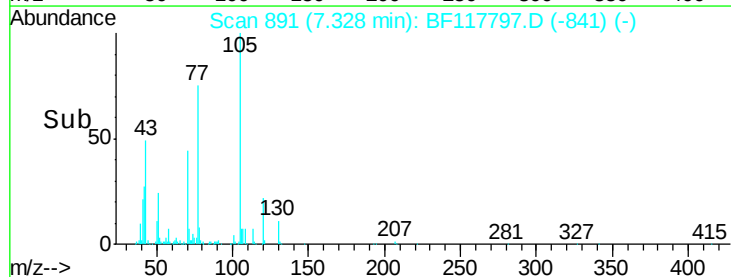
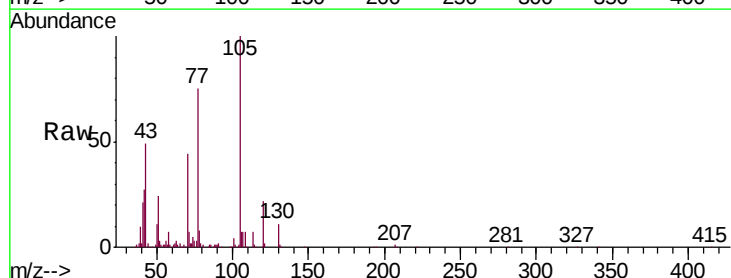
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.4
54	7.2	5.4	8.2
68	5.5	4.3	6.5

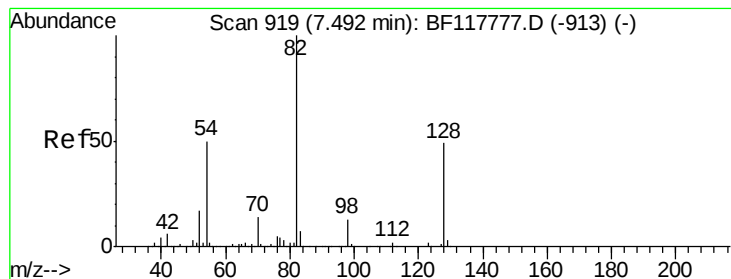


#22
Acetophenone
Concen: 8.432 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:105 Resp: 216534

Ion	Ratio	Lower	Upper
105	100		
71	7.5	4.9	7.3#
51	24.5	22.7	34.1
120	22.2	18.5	27.7





#23

Nitrobenzene-d5

Concen: 99.432 ng

RT: 7.49 min Scan# 918

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

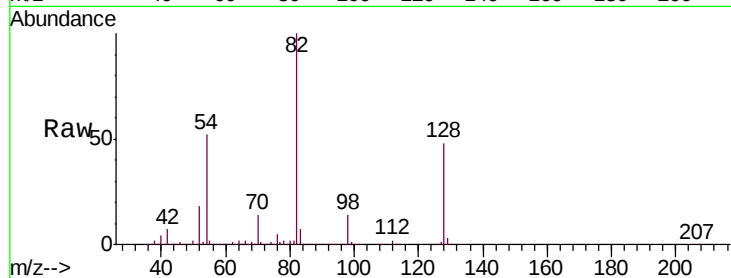
Tgt Ion: 82 Resp: 1911785

Ion Ratio Lower Upper

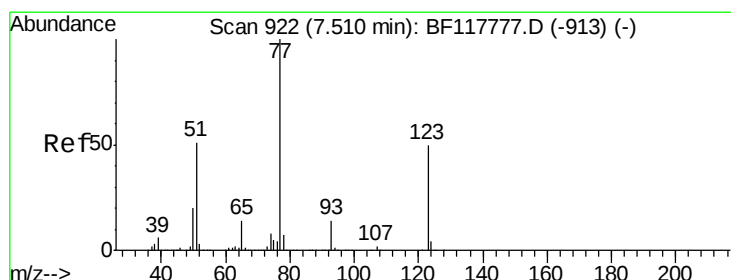
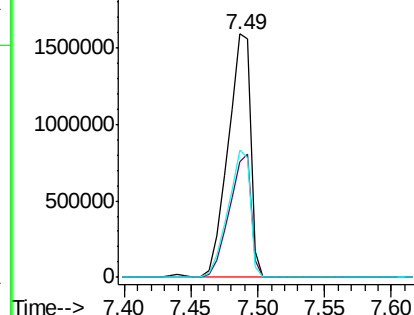
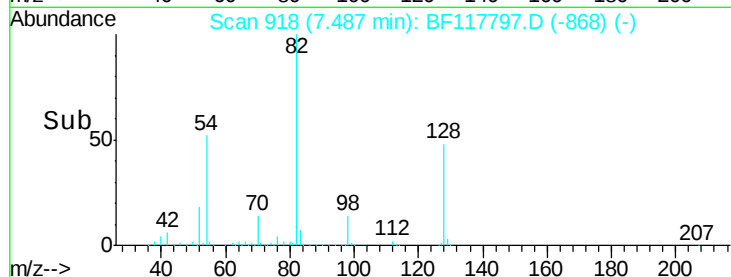
82 100

128 47.6 38.9 58.3

54 52.1 39.8 59.6



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: 8.259 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

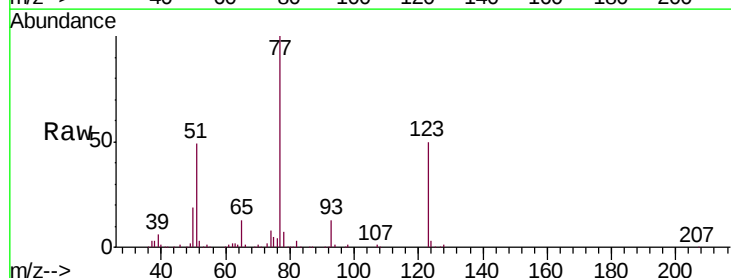
Tgt Ion: 77 Resp: 163817

Ion Ratio Lower Upper

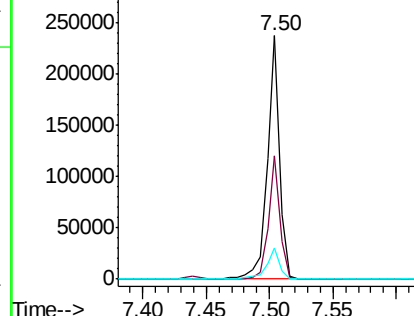
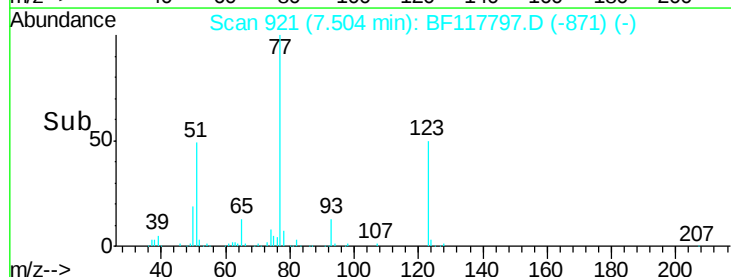
77 100

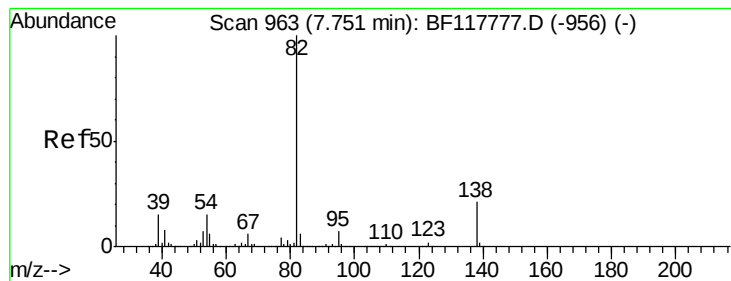
123 50.5 40.3 60.5

65 12.9 10.9 16.3



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: 8.202 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

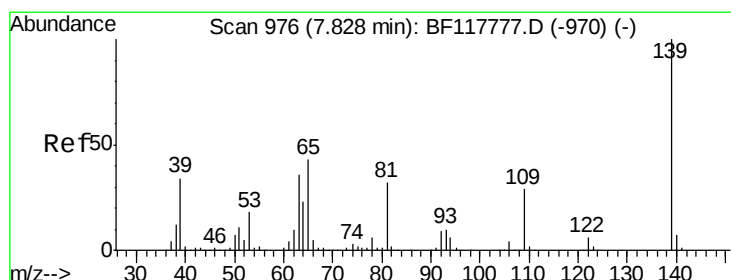
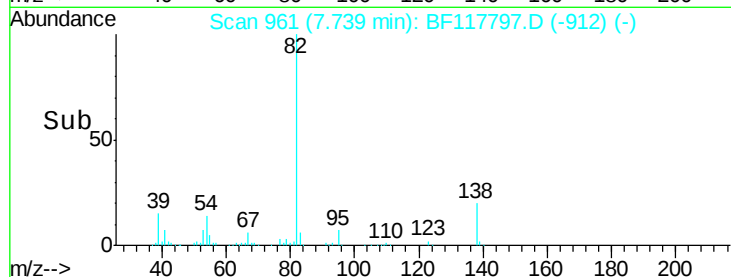
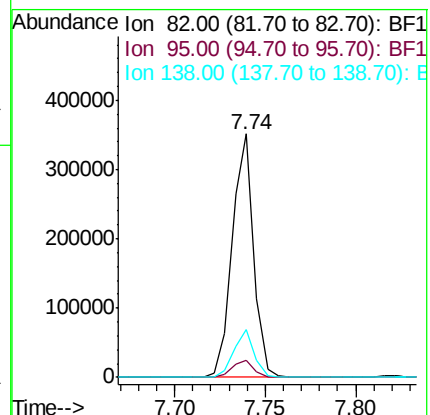
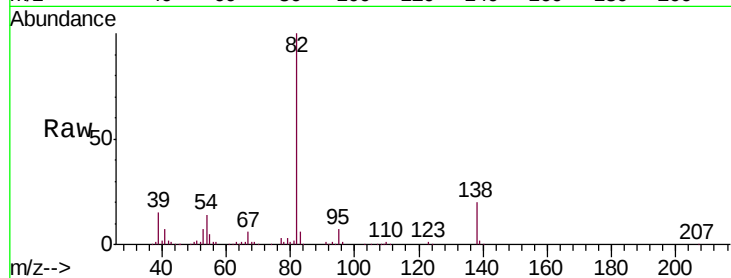
Tgt Ion: 82 Resp: 289039

Ion Ratio Lower Upper

82 100

95 7.2 5.8 8.8

138 19.7 16.5 24.7



#26

2-Nitrophenol

Concen: 7.485 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

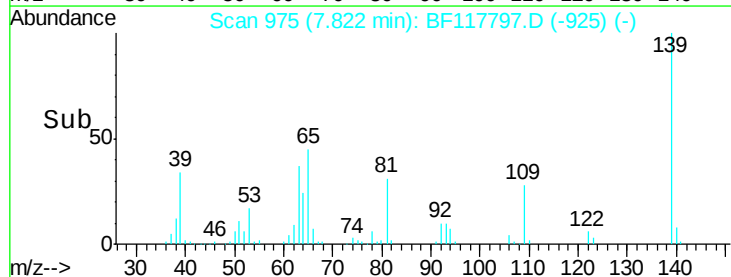
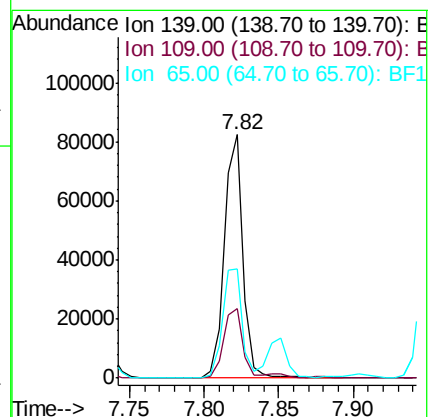
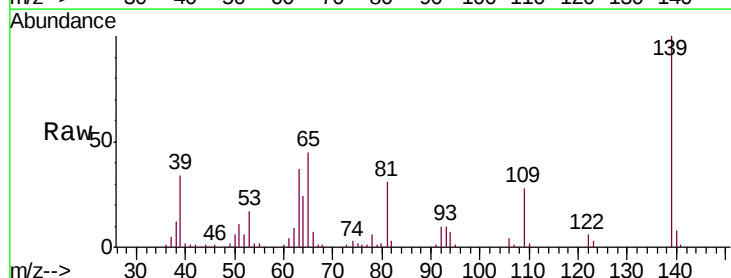
Tgt Ion: 139 Resp: 72267

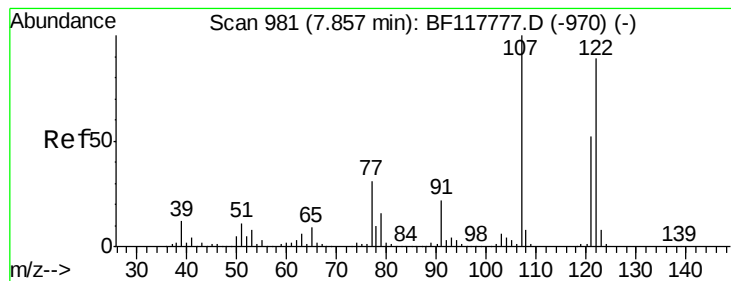
Ion Ratio Lower Upper

139 100

109 28.4 23.0 34.4

65 45.0 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 8.542 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

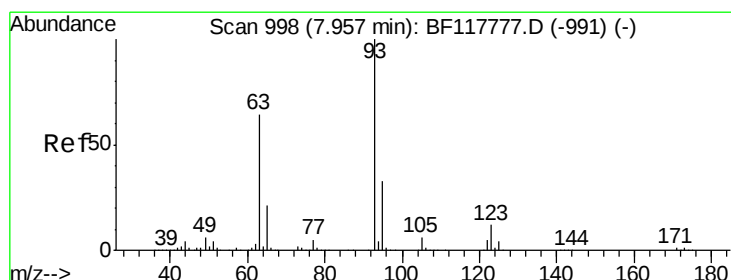
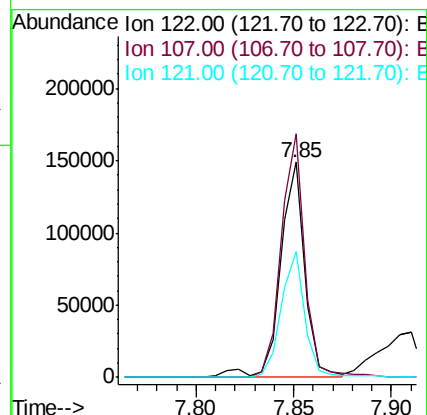
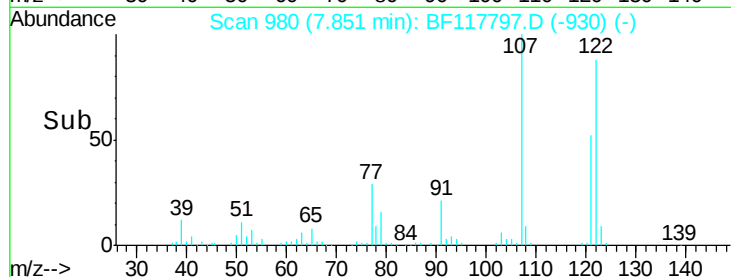
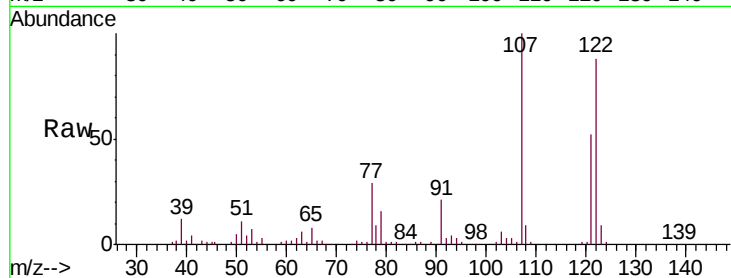
Tgt Ion:122 Resp: 128143

Ion Ratio Lower Upper

122 100

107 113.1 90.0 135.0

121 58.3 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 7.900 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

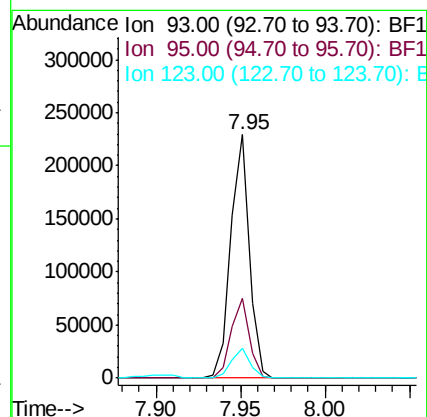
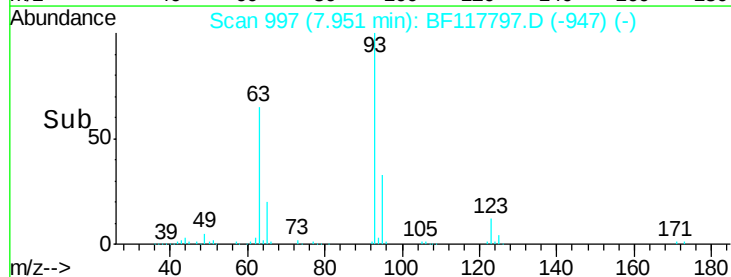
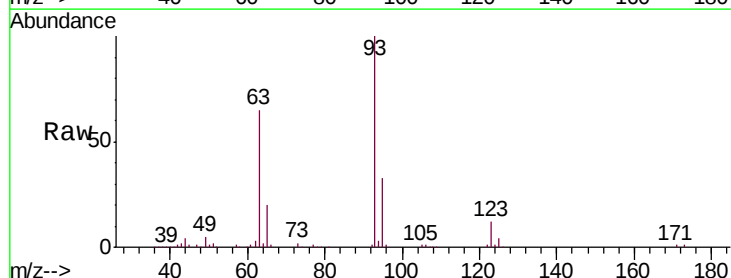
Tgt Ion: 93 Resp: 176654

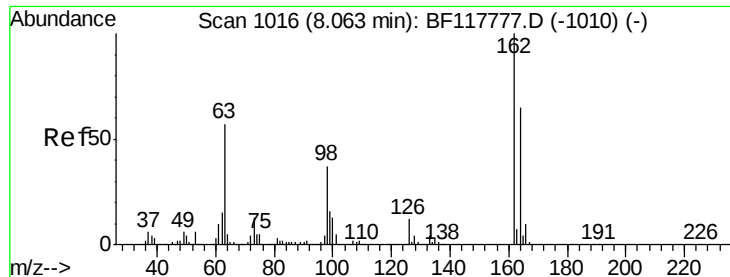
Ion Ratio Lower Upper

93 100

95 33.0 26.6 40.0

123 12.4 10.3 15.5

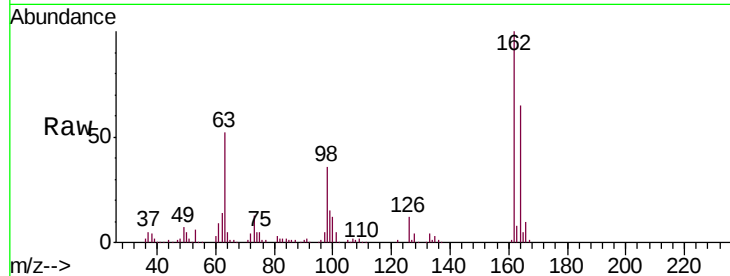




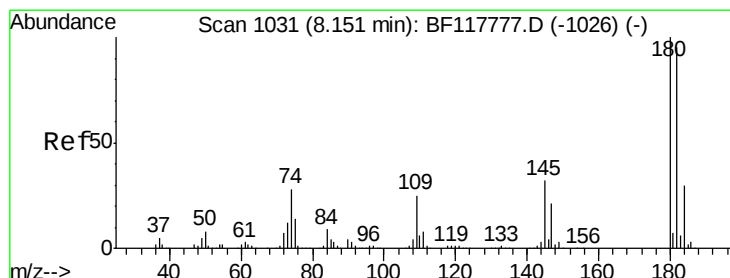
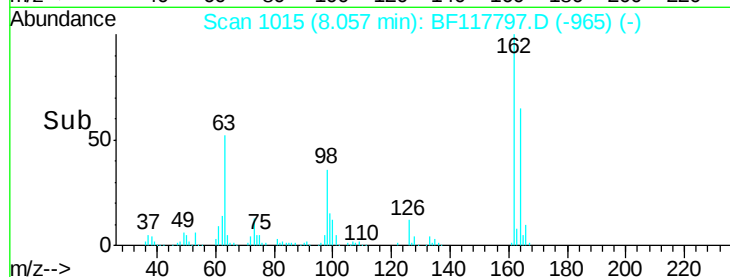
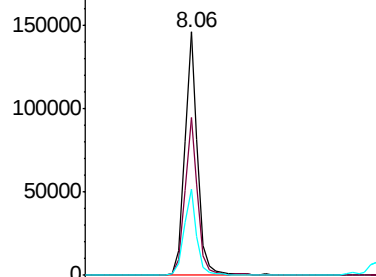
#29
2,4-Dichlorophenol
Concen: 7.809 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:162 Resp: 127074
Ion Ratio Lower Upper
162 100
164 65.0 45.1 85.1
98 35.6 17.2 57.2

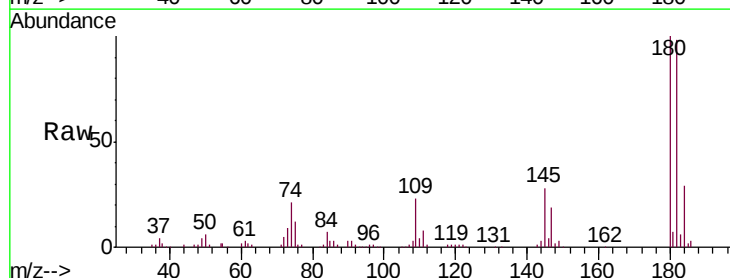


Abundance Ion 162.00 (161.70 to 162.70): E
200000
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

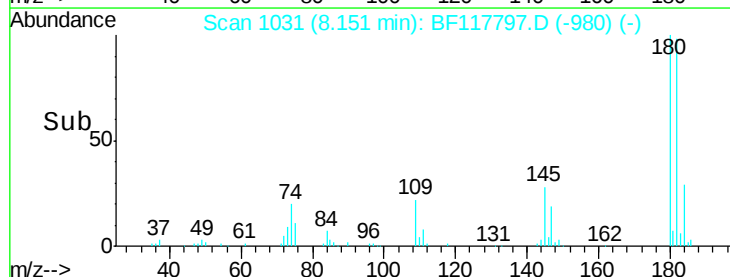
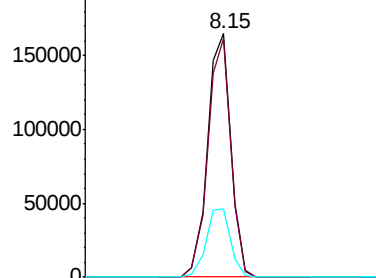


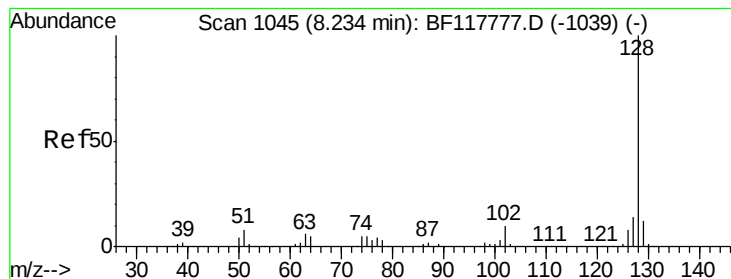
#30
1,2,4-Trichlorobenzene
Concen: 7.791 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:180 Resp: 147065
Ion Ratio Lower Upper
180 100
182 97.9 75.8 113.6
145 28.1 25.5 38.3



Abundance Ion 180.00 (179.70 to 180.70): E
200000
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 8.724 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

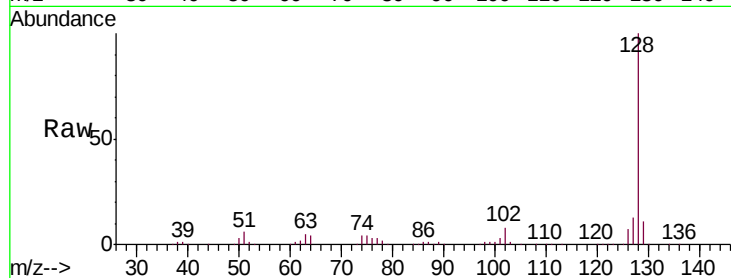
Tgt Ion:128 Resp: 464849

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

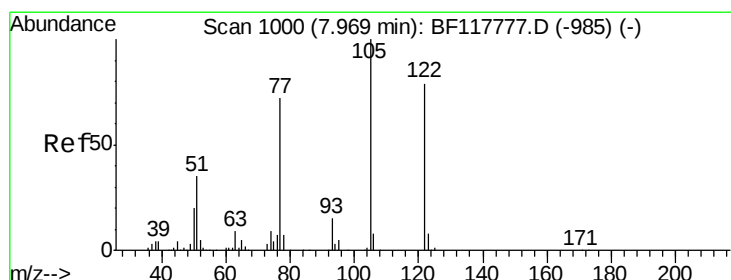
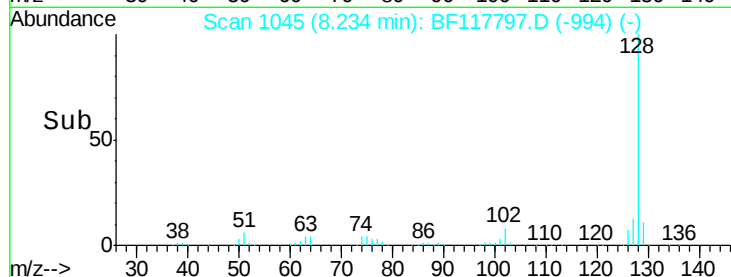
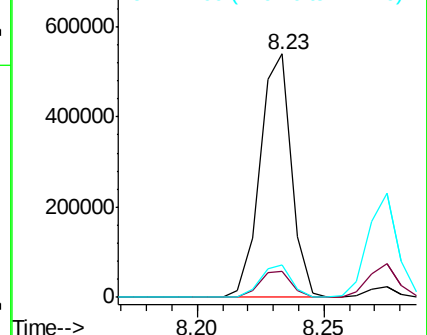
127 13.3 11.3 16.9



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: 3.793 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.06 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

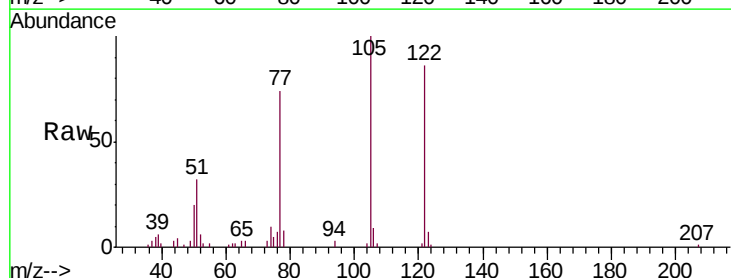
Tgt Ion:122 Resp: 47643

Ion Ratio Lower Upper

122 100

105 116.9 102.7 142.7

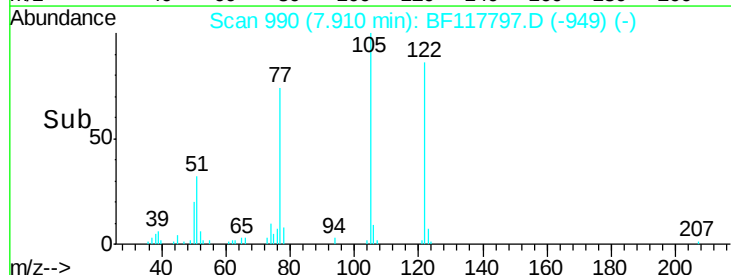
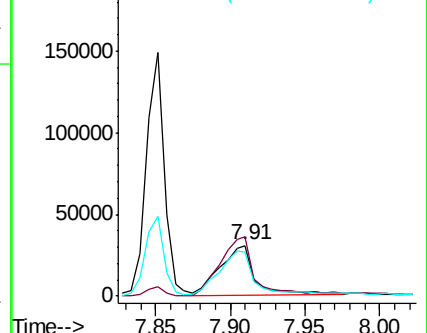
77 87.0 70.5 110.5



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

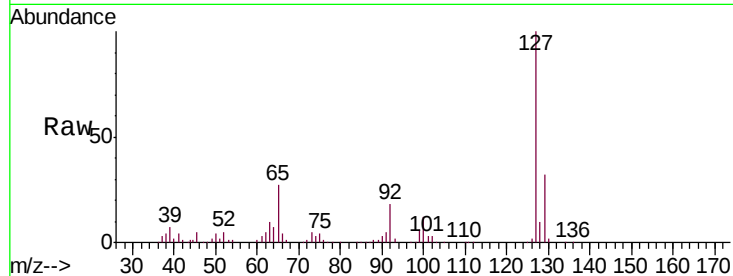




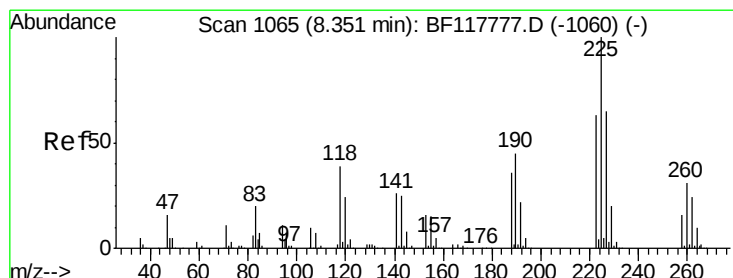
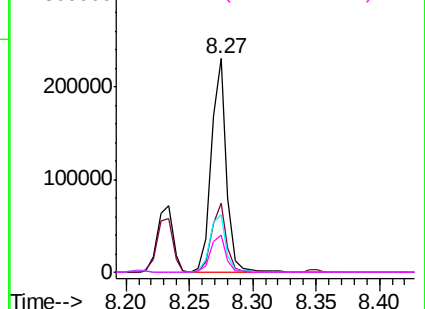
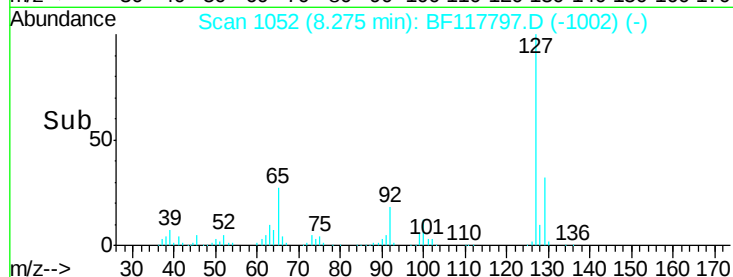
#33
4-Chloroaniline
Concen: 8.087 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:	127	Resp:	192916
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.5	39.7
65	27.1	22.9	34.3
92	17.6	15.0	22.6

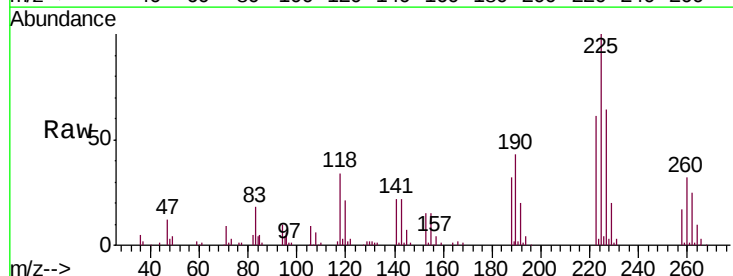


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

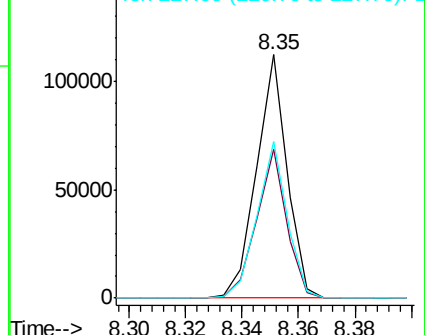
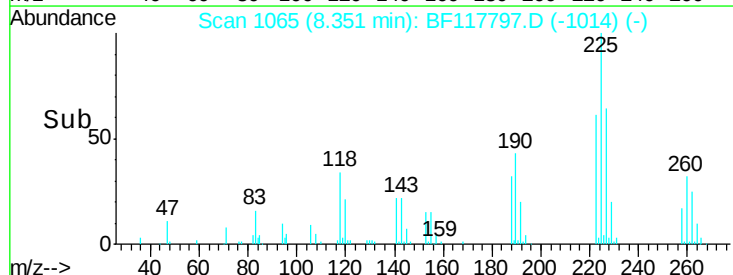


#34
Hexachlorobutadiene
Concen: 7.648 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:	225	Resp:	84403
Ion	Ratio	Lower	Upper
225	100		
223	61.4	50.0	75.0
227	64.2	51.8	77.6



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

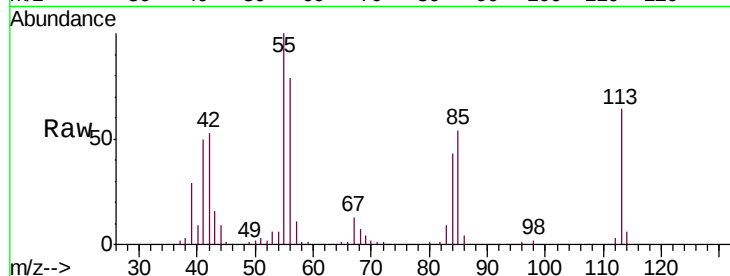




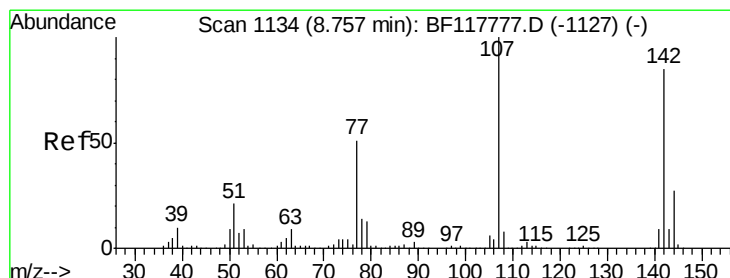
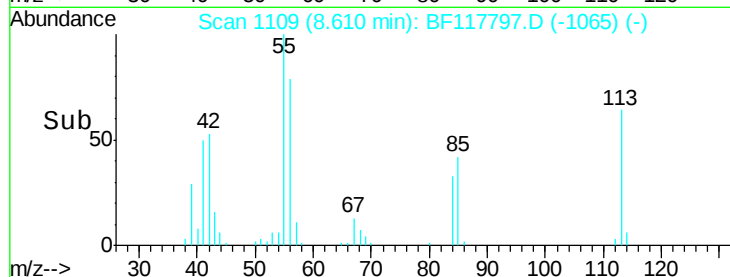
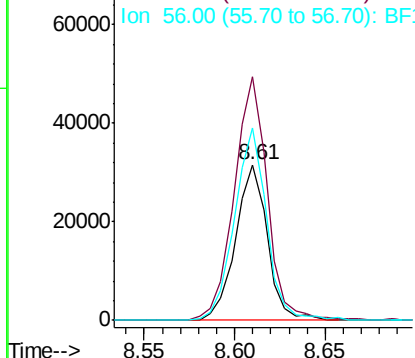
#35
 Caprolactam
 Concen: 7.435 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.04 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tgt Ion:113 Resp: 38454
 Ion Ratio Lower Upper
 113 100
 55 156.4 141.1 181.1
 56 124.0 100.5 140.5

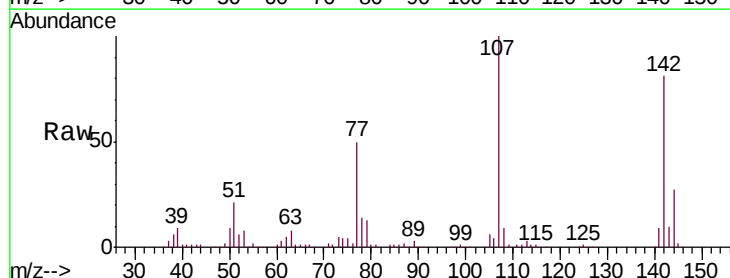


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

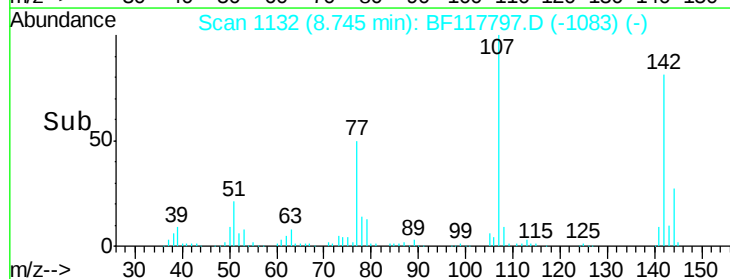
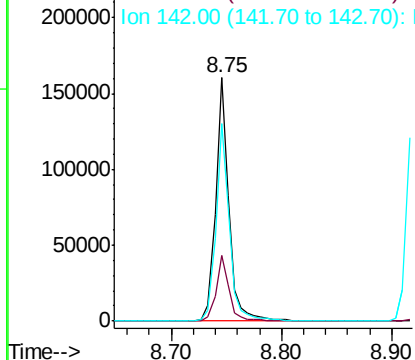


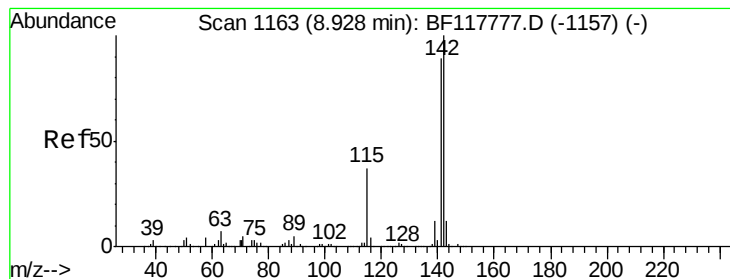
#36
 4-Chloro-3-methylphenol
 Concen: 8.005 ng
 RT: 8.75 min Scan# 1132
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion:107 Resp: 132192
 Ion Ratio Lower Upper
 107 100
 144 27.1 21.9 32.9
 142 81.2 67.7 101.5



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





#37

2-Methylnaphthalene

Concen: 8.988 ng

RT: 8.92 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

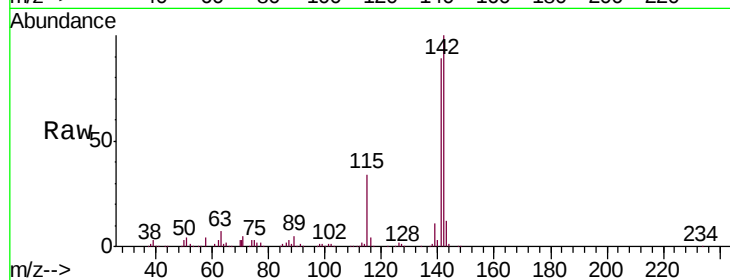
Tgt Ion:142 Resp: 323591

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7

115 33.7 29.2 43.8



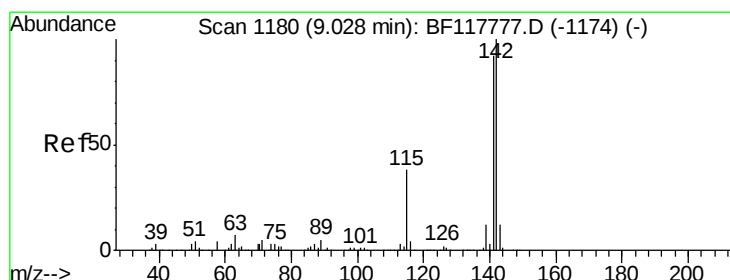
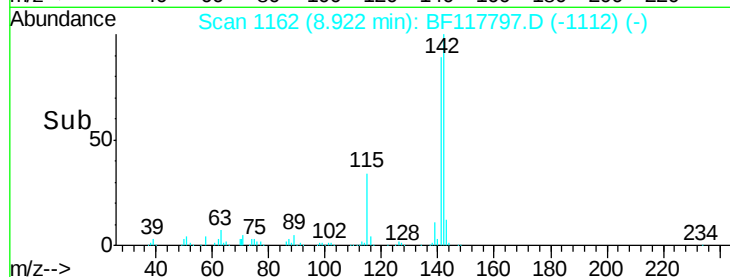
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

8.92

Time-->



#38

1-Methylnaphthalene

Concen: 8.812 ng

RT: 9.02 min Scan# 1179

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

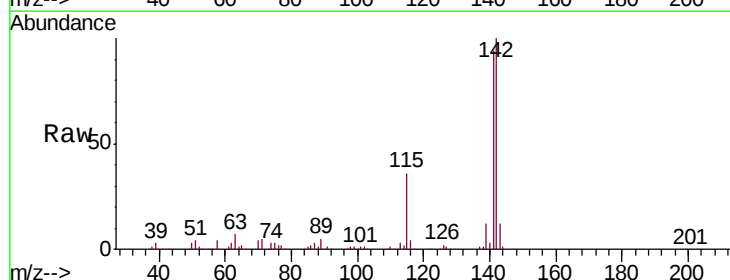
Tgt Ion:142 Resp: 299918

Ion Ratio Lower Upper

142 100

141 93.9 73.5 110.3

116 3.7 3.2 4.8



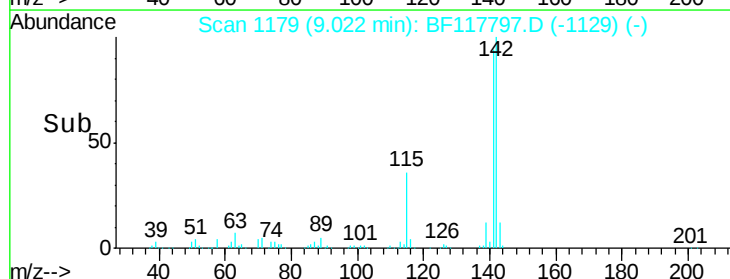
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

9.02

Time-->

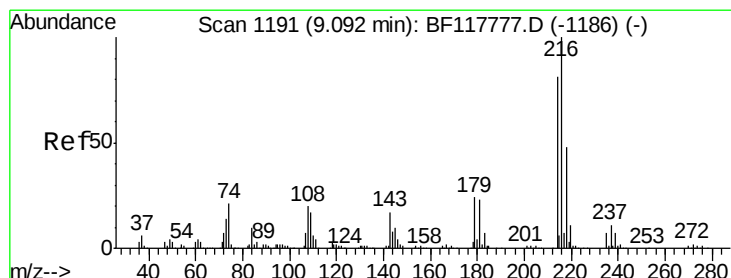
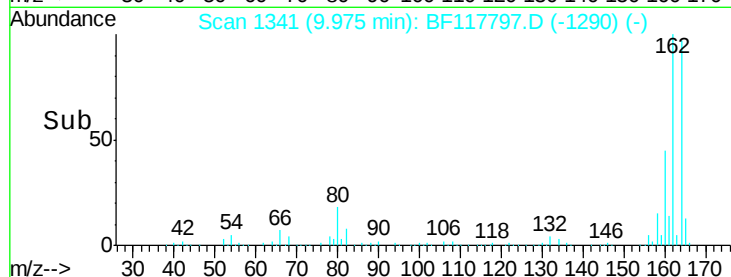
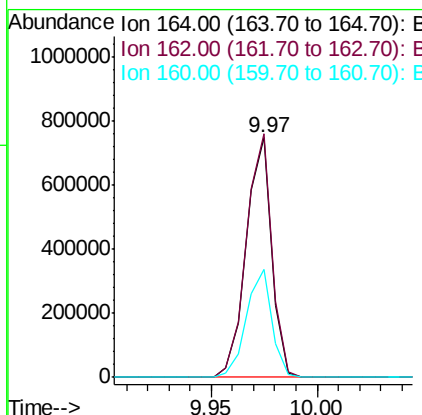
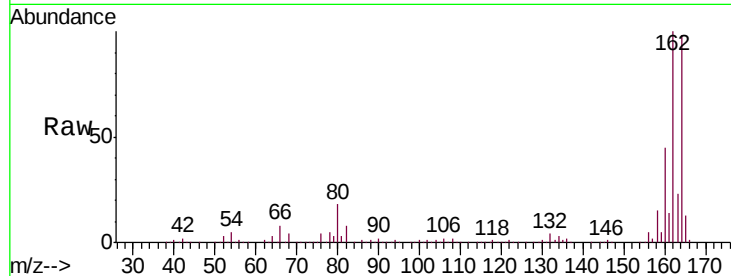




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

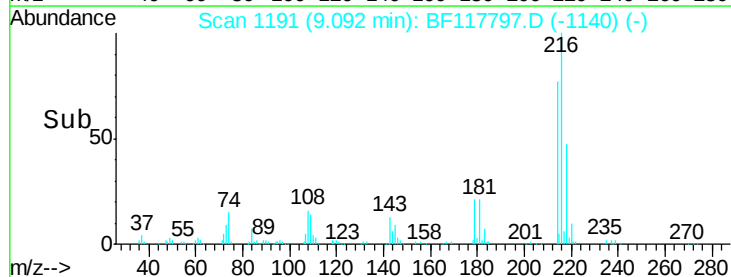
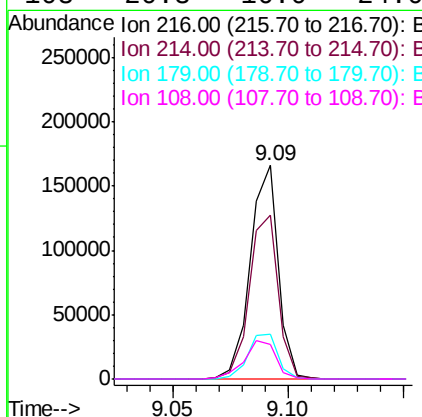
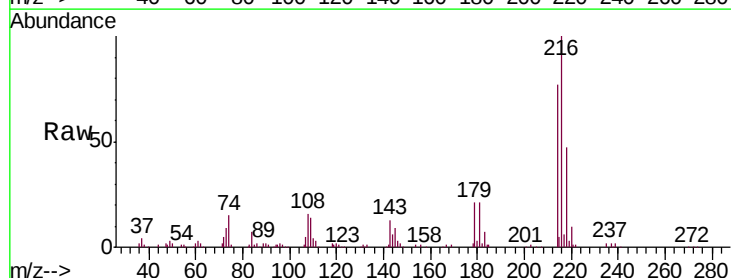
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

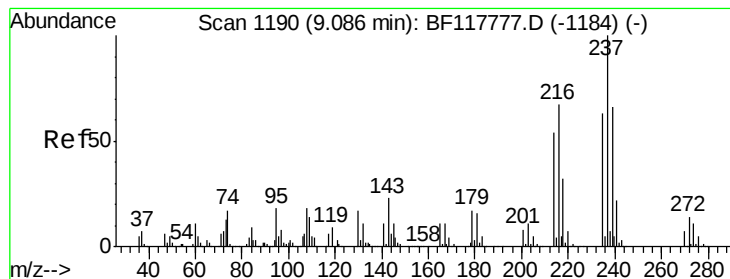
Tgt Ion:164 Resp: 625427
Ion Ratio Lower Upper
164 100
162 101.7 81.3 121.9
160 45.3 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 7.744 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:216 Resp: 140646
Ion Ratio Lower Upper
216 100
214 79.7 63.4 95.0
179 22.5 18.2 27.4
108 20.3 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 7.603 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

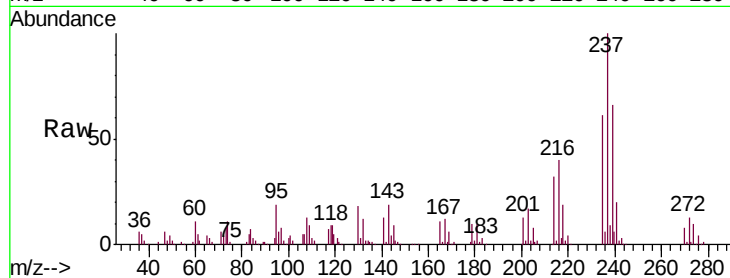
Tgt Ion: 237 Resp: 77388

Ion Ratio Lower Upper

237 100

235 61.0 42.6 82.6

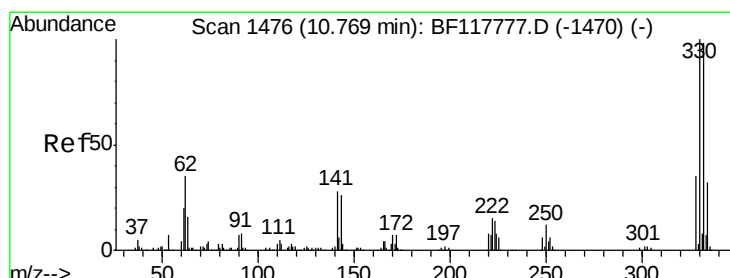
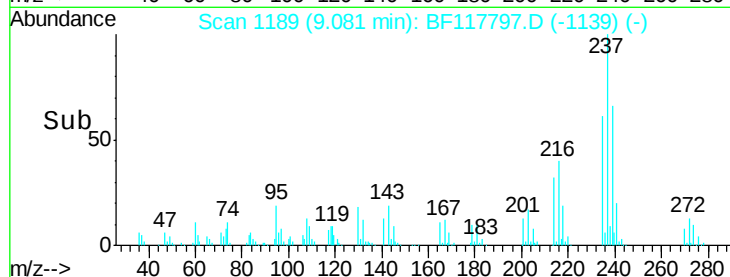
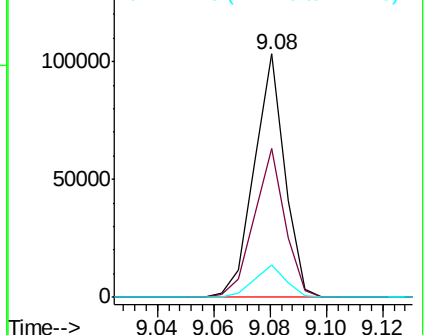
272 13.3 0.0 34.3



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: 135.514 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

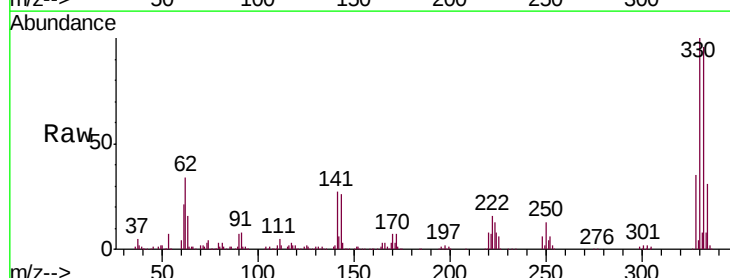
Tgt Ion: 330 Resp: 897281

Ion Ratio Lower Upper

330 100

332 96.0 76.7 115.1

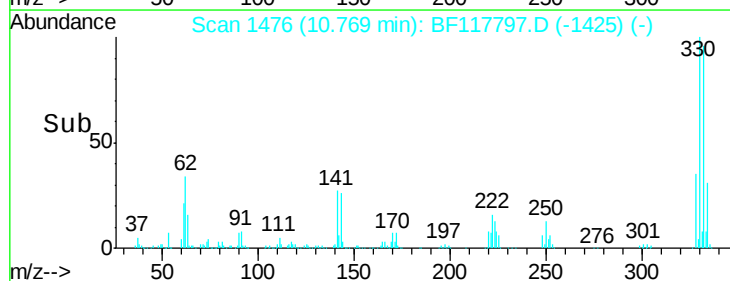
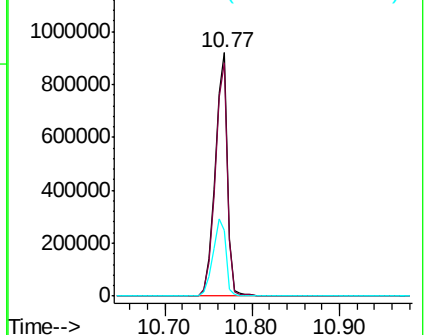
141 33.7 27.7 41.5



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

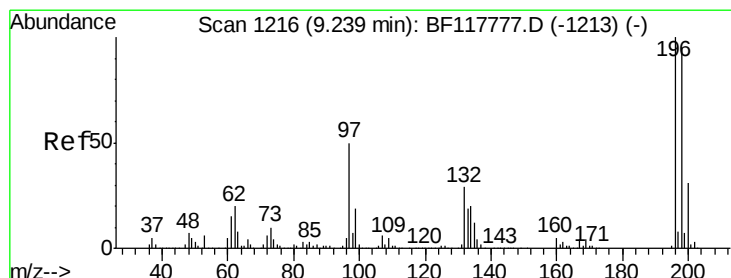
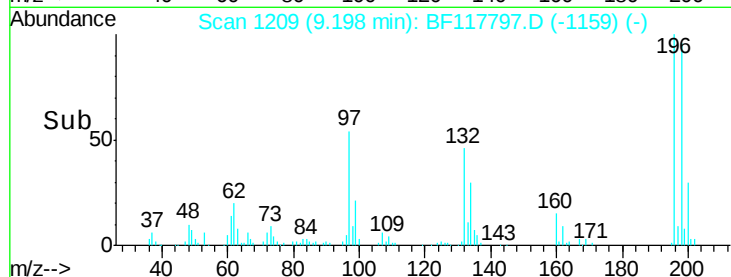
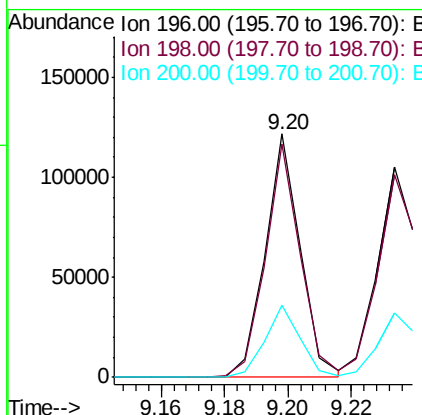
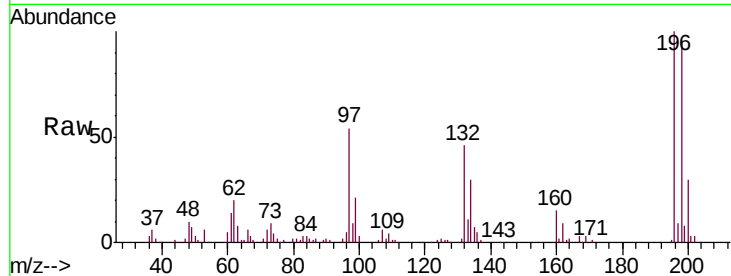




#43
 2,4,6-Trichlorophenol
 Concen: 7.181 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

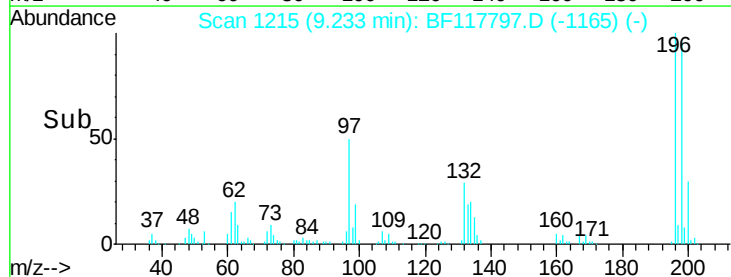
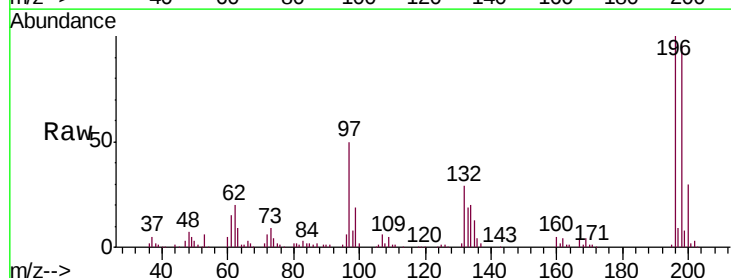
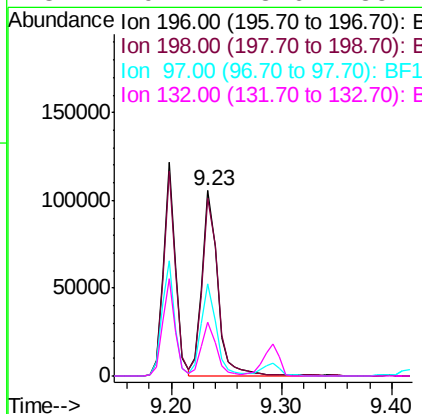
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

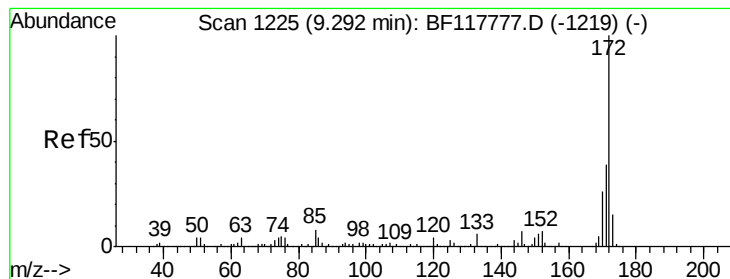
Tgt Ion:196 Resp: 93424
 Ion Ratio Lower Upper
 196 100
 198 95.8 77.8 116.6
 200 29.6 25.4 38.0



#44
 2,4,5-Trichlorophenol
 Concen: 7.587 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion:196 Resp: 102482
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 97 49.5 40.0 60.0
 132 29.1 23.6 35.4





#45

2-Fluorobiphenyl

Concen: 98.232 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

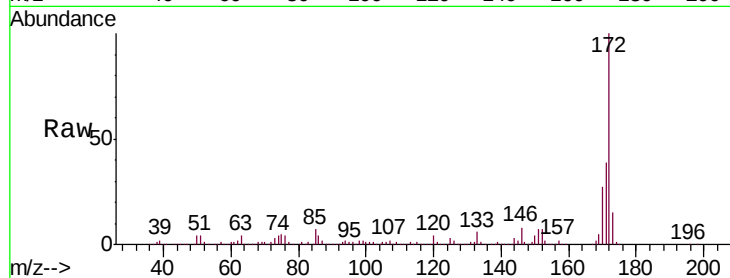
Tgt Ion:172 Resp: 3424501

Ion Ratio Lower Upper

172 100

171 39.4 30.9 46.3

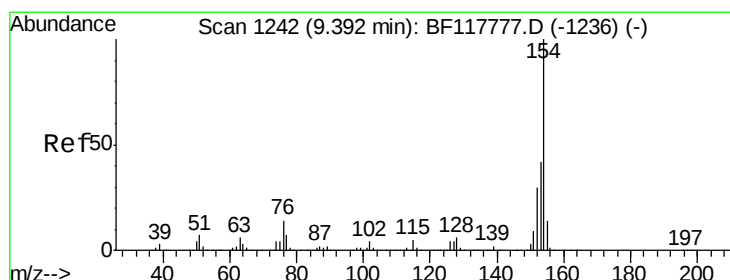
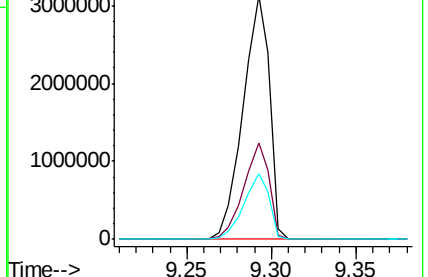
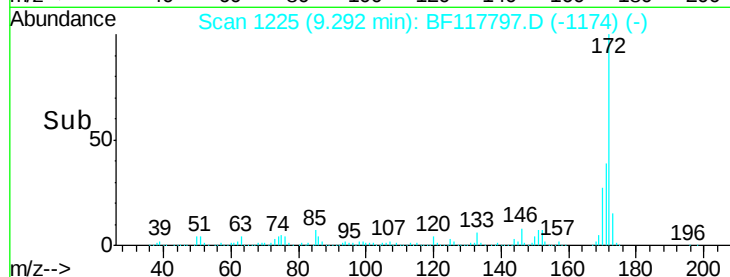
170 26.7 21.0 31.4



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 8.611 ng

RT: 9.39 min Scan# 1241

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

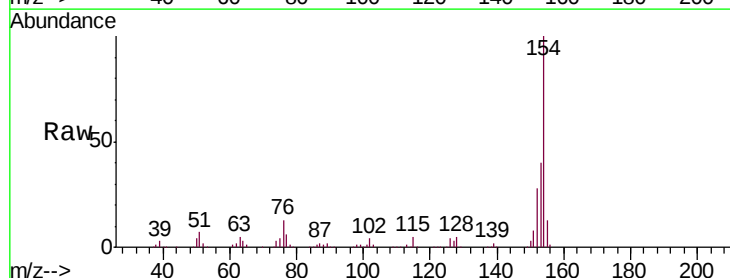
Tgt Ion:154 Resp: 399550

Ion Ratio Lower Upper

154 100

153 40.3 21.9 61.9

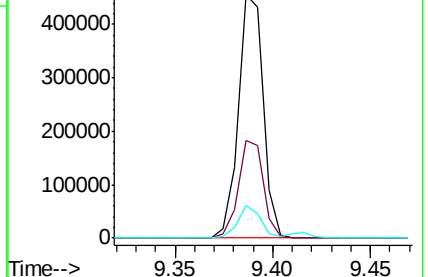
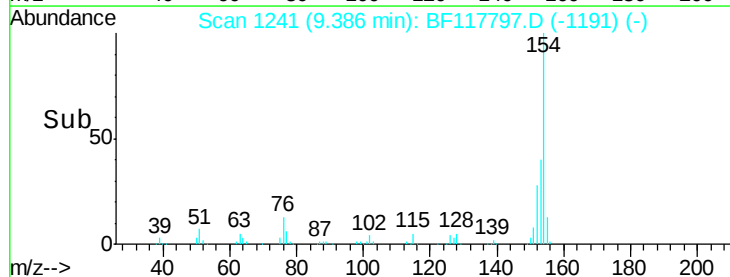
76 13.3 0.0 33.6

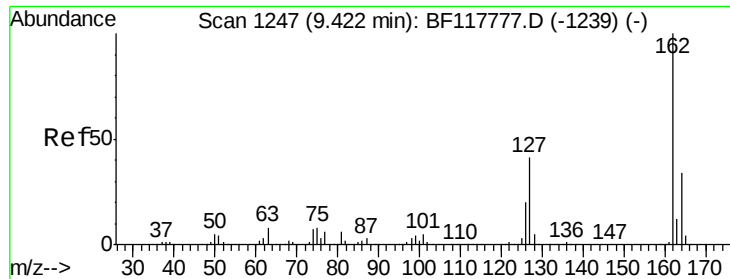


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

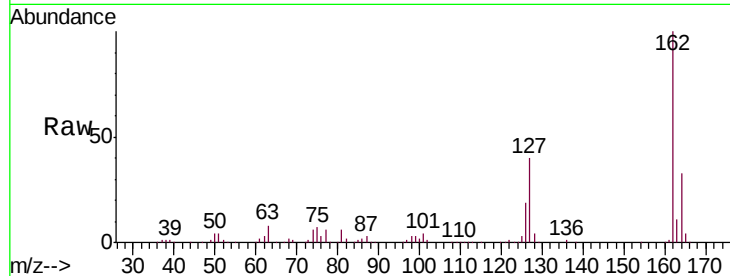




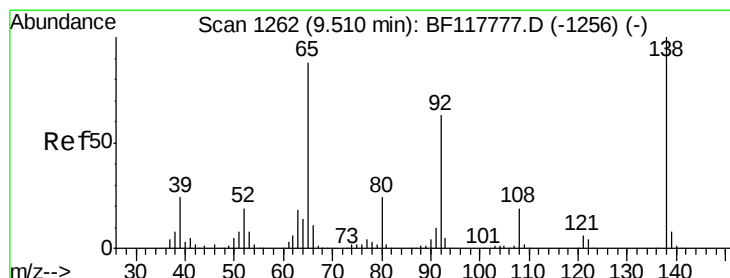
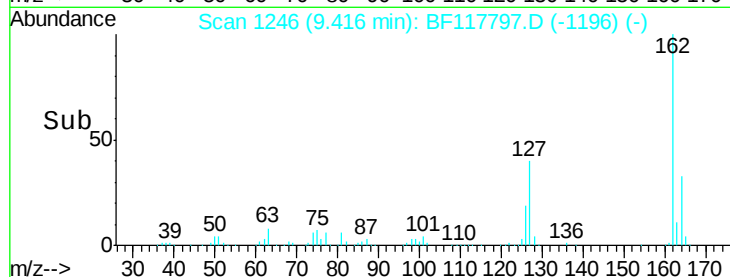
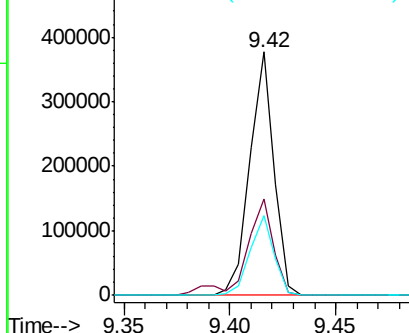
#47
 2-Chloronaphthalene
 Concen: 7.862 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	33.2	49.8
164	33.0	27.3	40.9

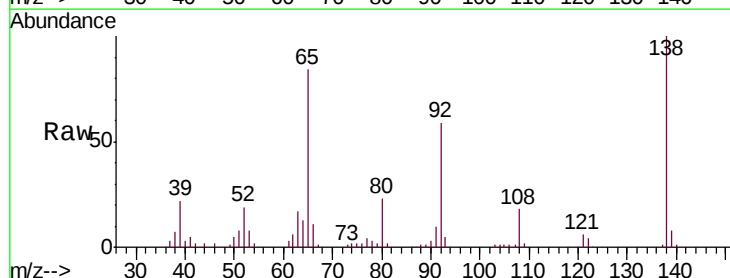


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

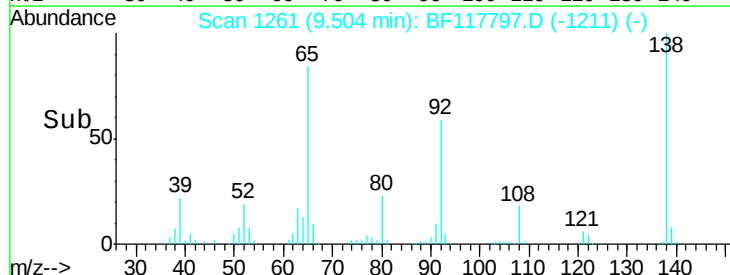
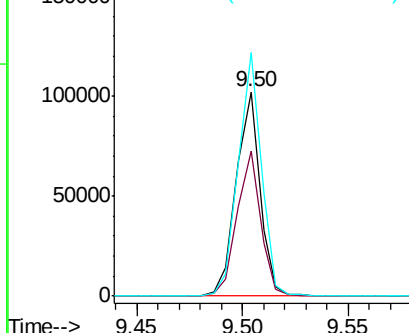


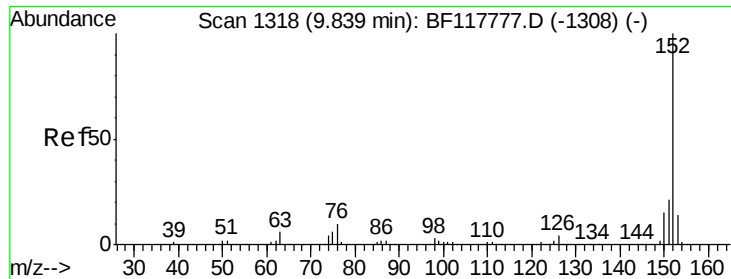
#48
 2-Nitroaniline
 Concen: 6.891 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	56.6	84.8
138	119.3	90.5	135.7



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 8.803 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

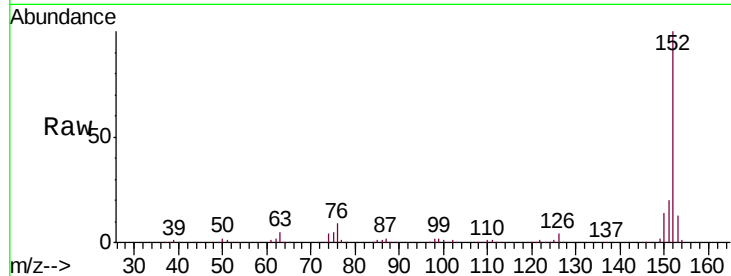
Tgt Ion:152 Resp: 489887

Ion Ratio Lower Upper

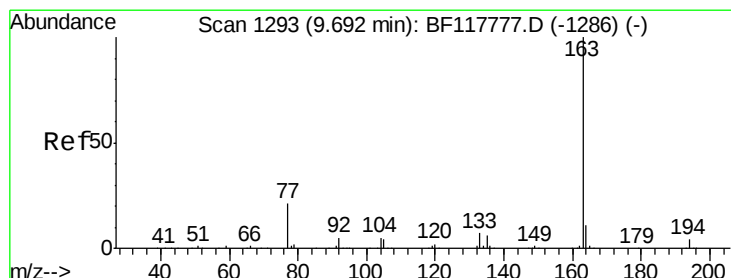
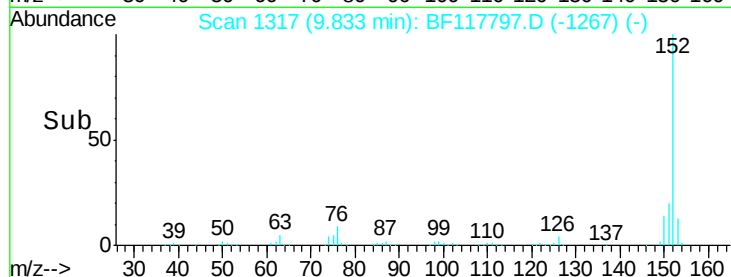
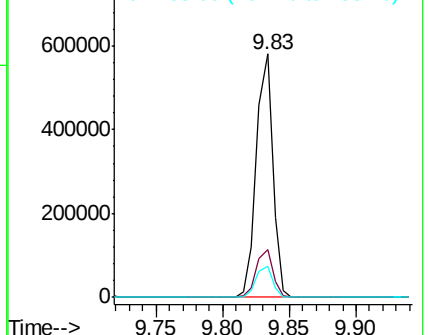
152 100

151 19.8 17.0 25.6

153 13.0 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: 8.040 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

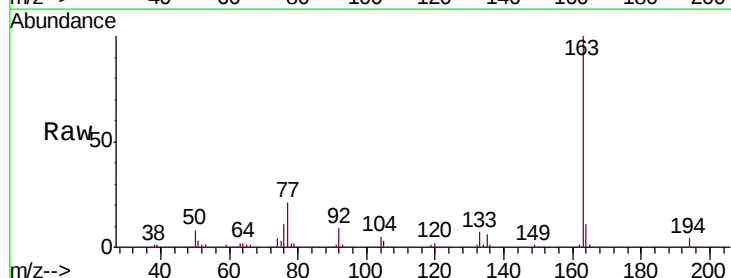
Tgt Ion:163 Resp: 352614

Ion Ratio Lower Upper

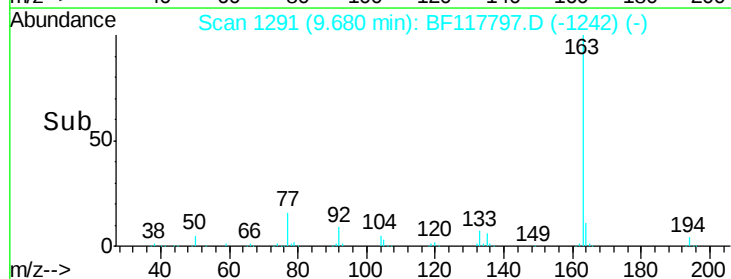
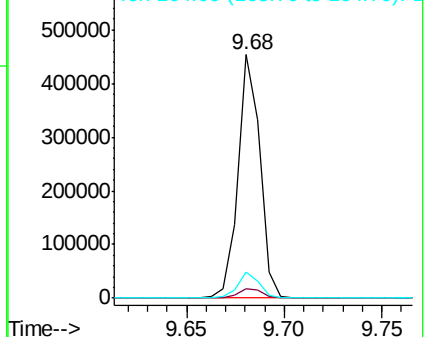
163 100

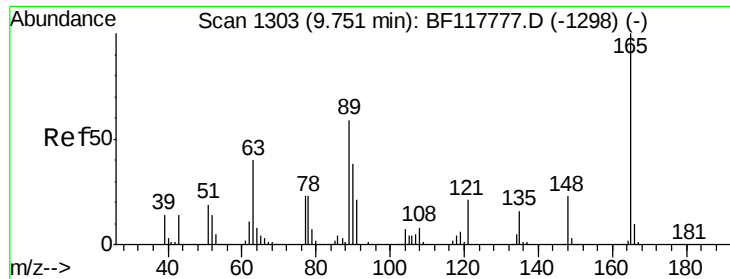
194 3.7 3.3 4.9

164 10.6 8.7 13.1



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

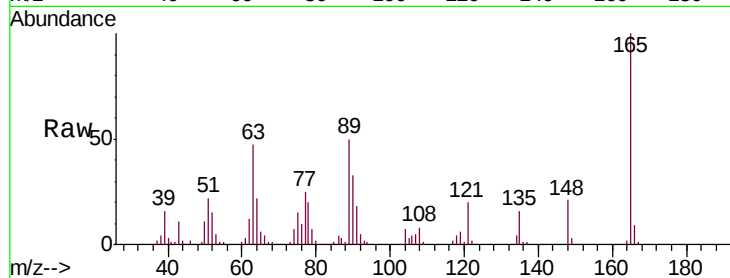




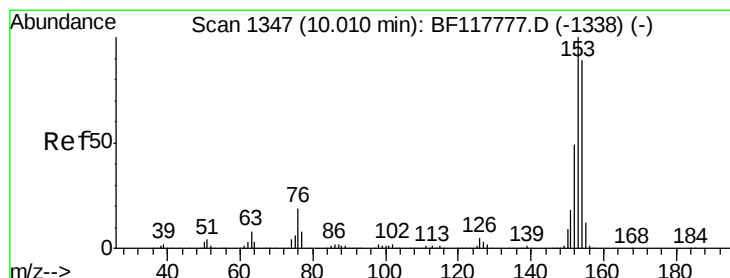
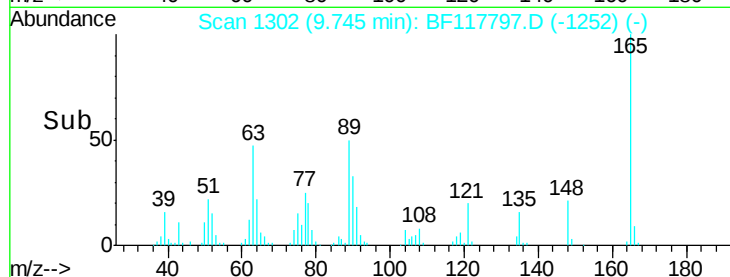
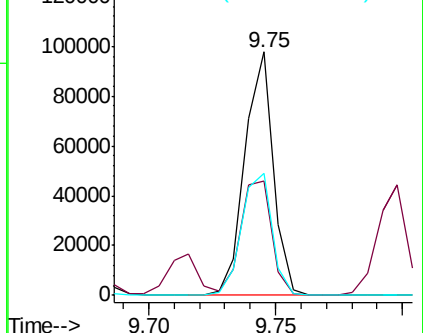
#51
2,6-Dinitrotoluene
Concen: 7.943 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:165 Resp: 76138
Ion Ratio Lower Upper
165 100
63 47.0 46.0 69.0
89 50.2 47.7 71.5

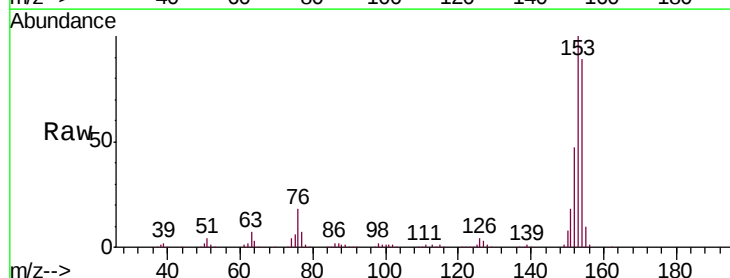


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

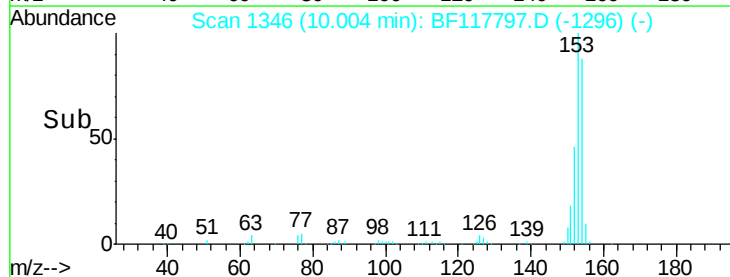
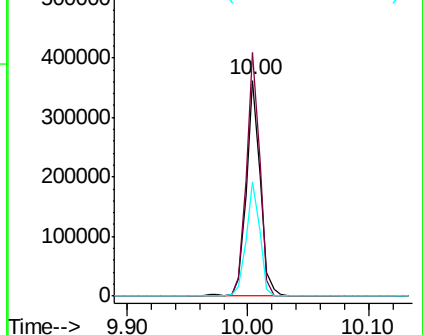


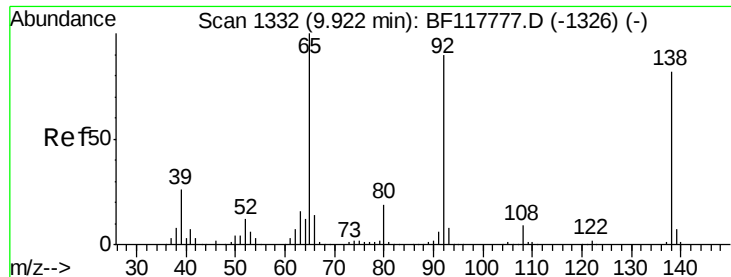
#52
Acenaphthene
Concen: 8.208 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:154 Resp: 292621
Ion Ratio Lower Upper
154 100
153 113.0 90.1 135.1
152 53.1 44.0 66.0



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

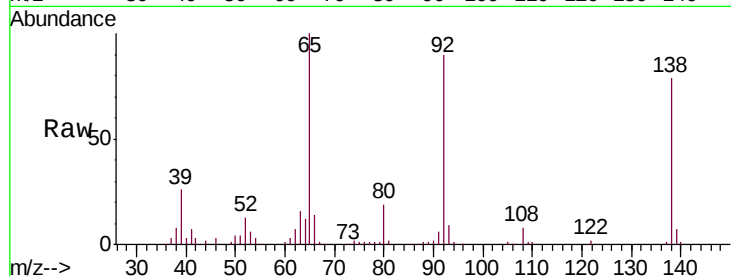




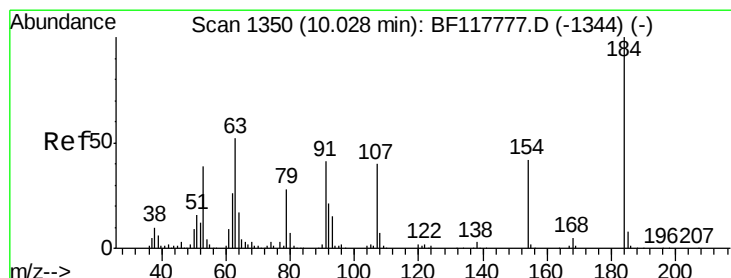
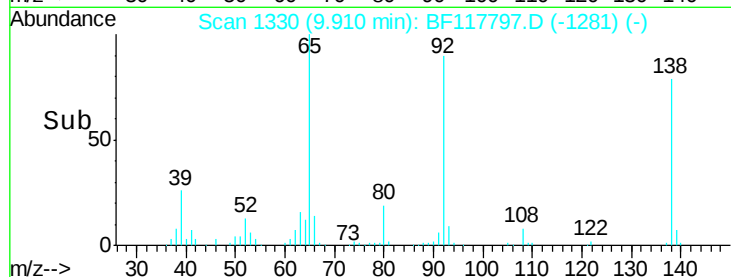
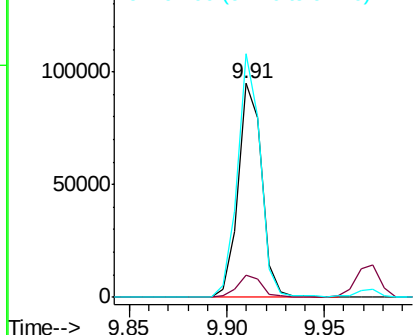
#53
3-Nitroaniline
Concen: 6.951 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:138 Resp: 79730
Ion Ratio Lower Upper
138 100
108 10.4 8.6 12.8
92 114.0 87.9 131.9

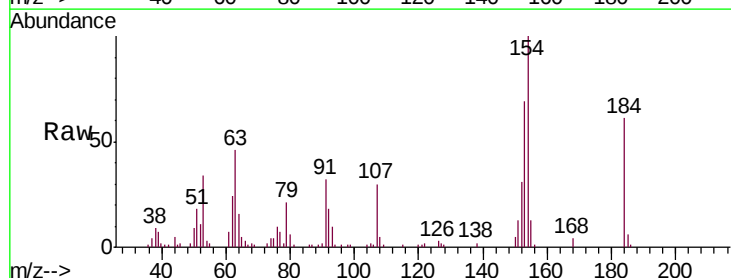


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

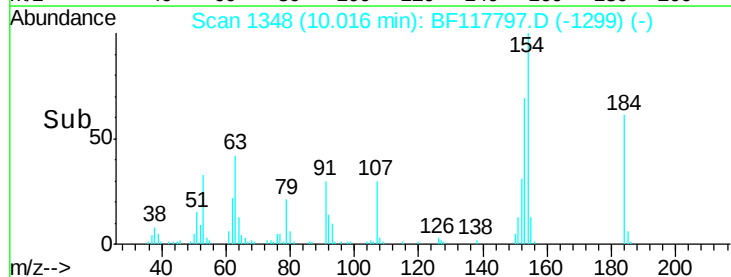
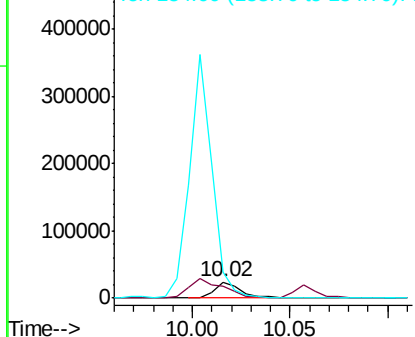


#54
2,4-Dinitrophenol
Concen: 11.335 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:184 Resp: 22252
Ion Ratio Lower Upper
184 100
63 75.8 43.0 64.6#
154 163.3 48.0 72.0#



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

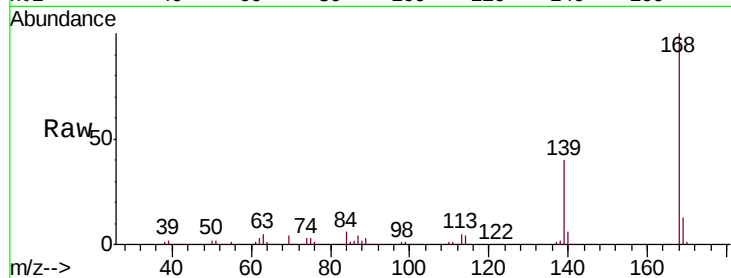




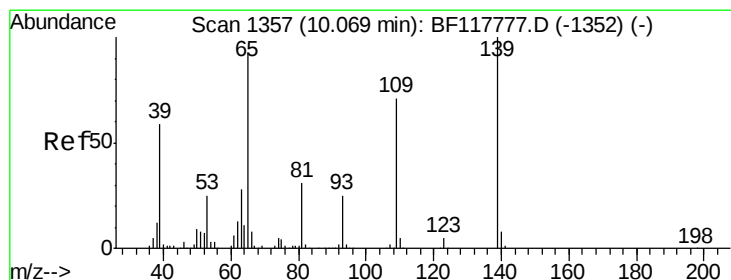
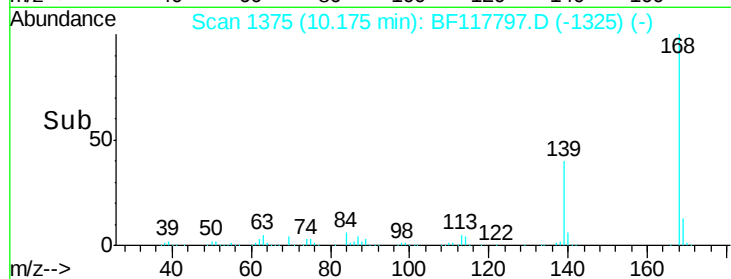
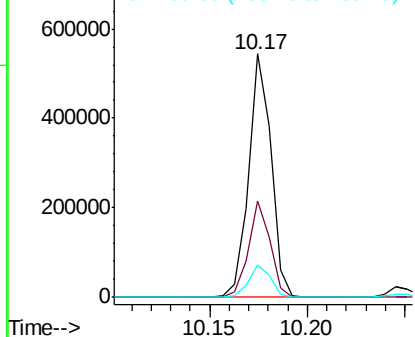
#55
Dibenzenofuran
Concen: 8.748 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:168 Resp: 431872
Ion Ratio Lower Upper
168 100
139 39.8 33.0 49.6
169 13.1 11.5 17.3

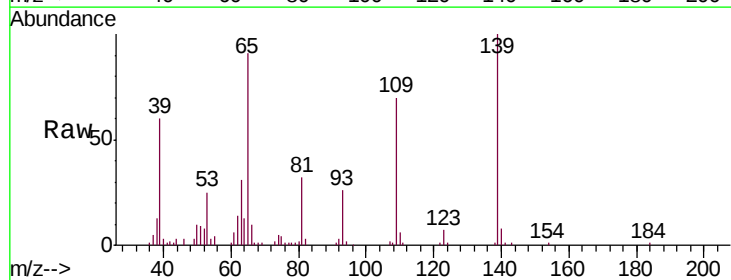


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

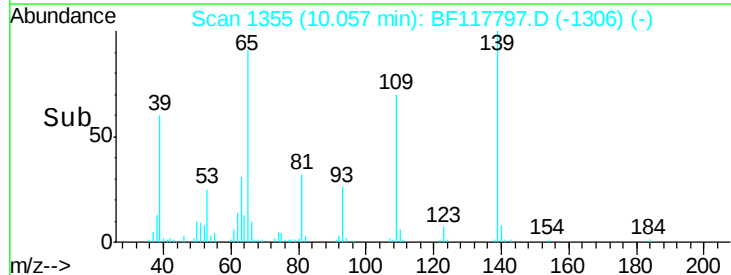
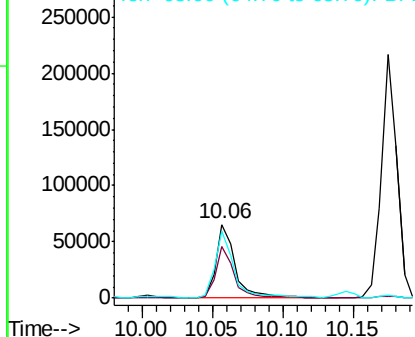


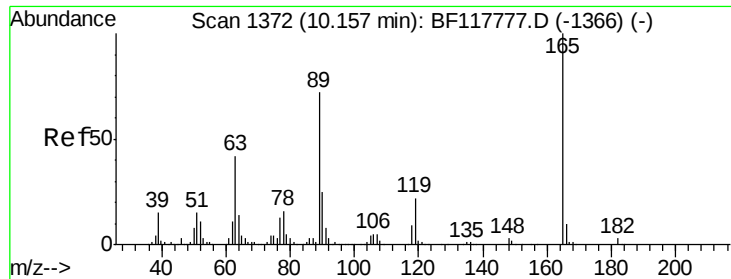
#56
4-Nitrophenol
Concen: 7.273 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:139 Resp: 62262
Ion Ratio Lower Upper
139 100
109 69.7 50.8 90.8
65 90.8 73.6 113.6



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

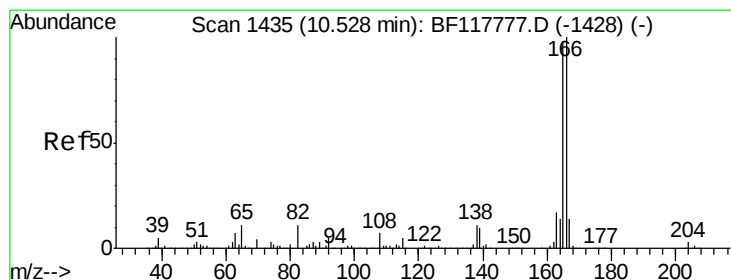
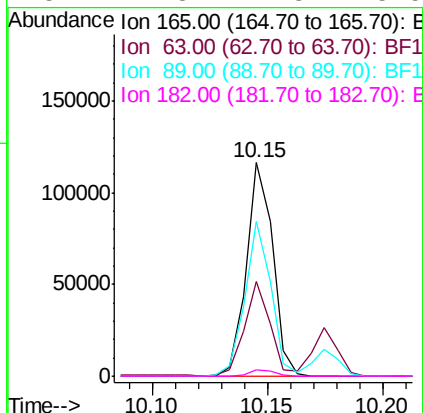
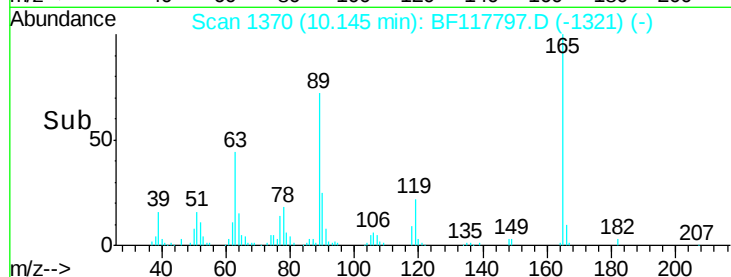
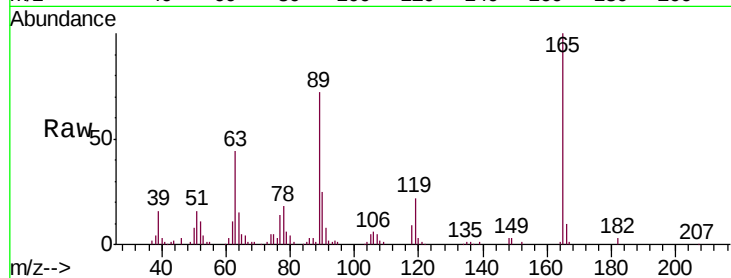




#57
2,4-Dinitrotoluene
Concen: 7.676 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

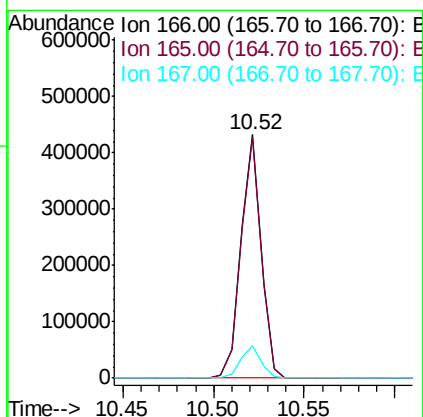
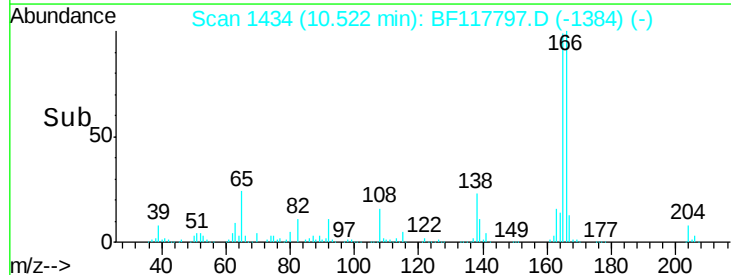
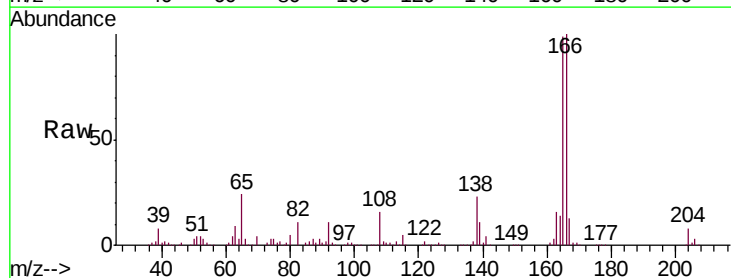
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:165 Resp: 93599
Ion Ratio Lower Upper
165 100
63 44.5 33.7 50.5
89 72.3 57.3 85.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 8.745 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:166 Resp: 334534
Ion Ratio Lower Upper
166 100
165 98.8 78.4 117.6
167 13.4 11.0 16.4

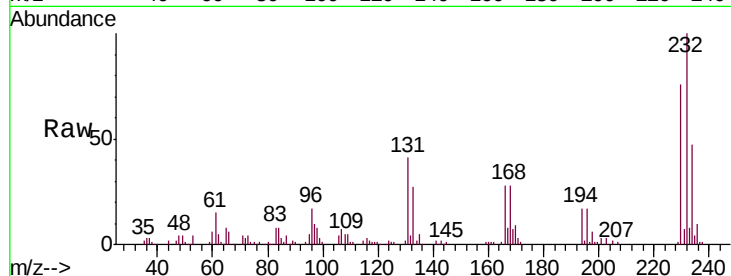




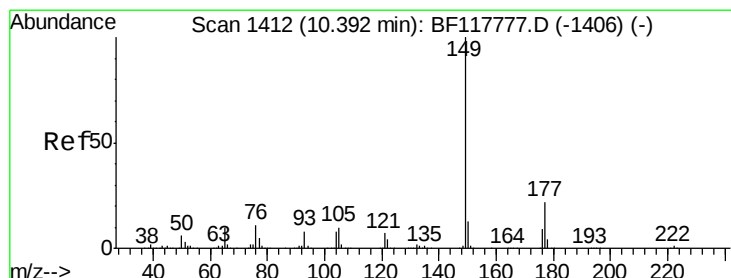
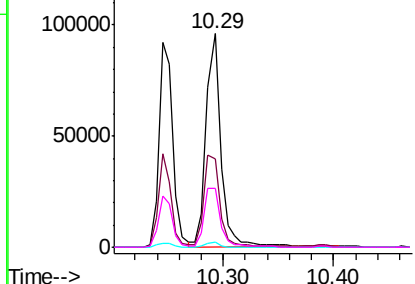
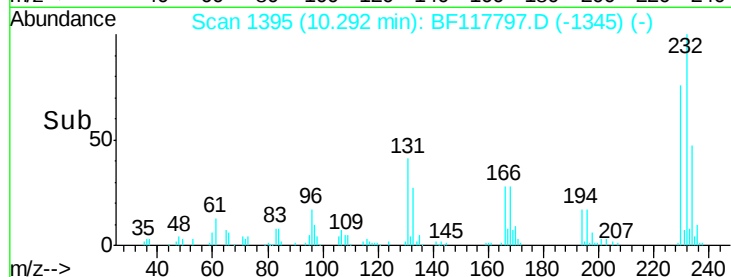
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.829 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 232 Resp: 86884
 Ion Ratio Lower Upper
 232 100
 131 47.5 37.6 56.4
 130 2.2 1.9 2.9
 166 30.7 24.2 36.4

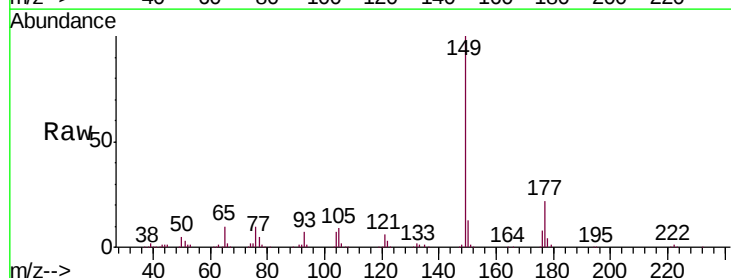


Abundance Ion 232.00 (231.70 to 232.70): E
 150000
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

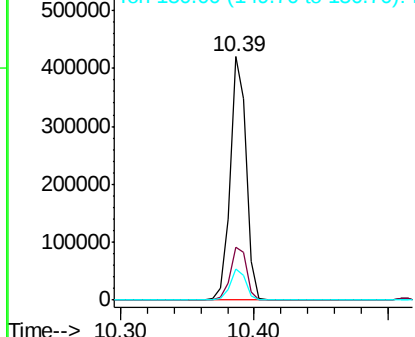
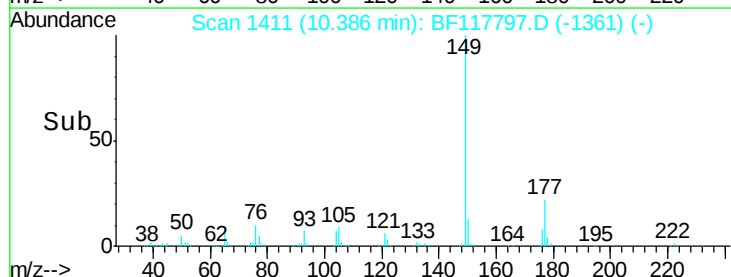


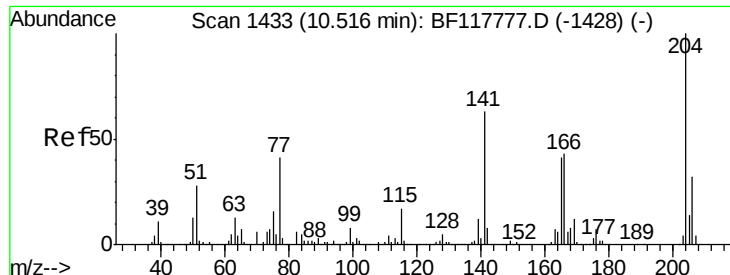
#60
 Diethylphthalate
 Concen: 8.316 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion: 149 Resp: 355584
 Ion Ratio Lower Upper
 149 100
 177 21.8 18.0 27.0
 150 12.9 10.5 15.7



Abundance Ion 149.00 (148.70 to 149.70): E
 500000
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

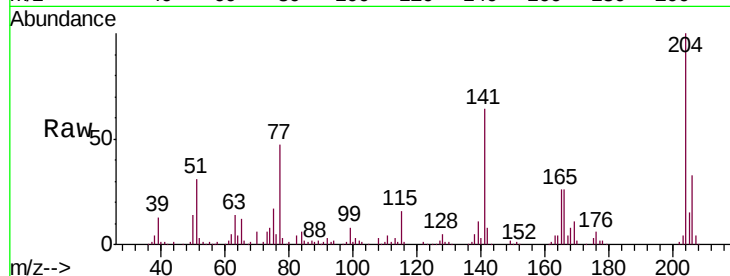




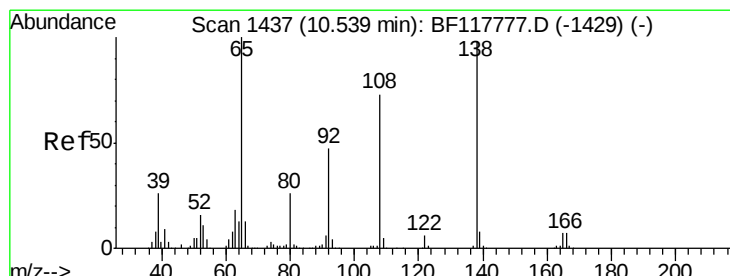
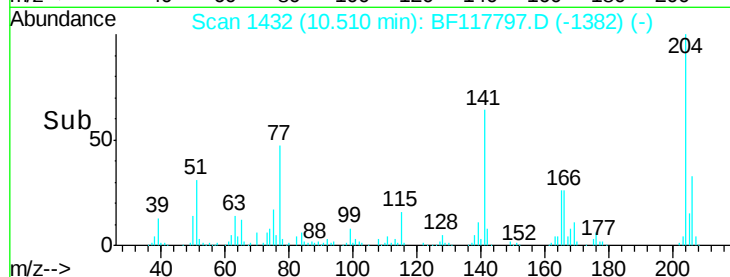
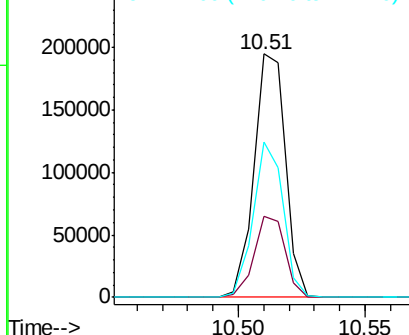
#61
 4-Chlorophenyl-phenylether
 Concen: 8.707 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 204 Resp: 169044
 Ion Ratio Lower Upper
 204 100
 206 33.1 25.6 38.4
 141 63.6 50.7 76.1

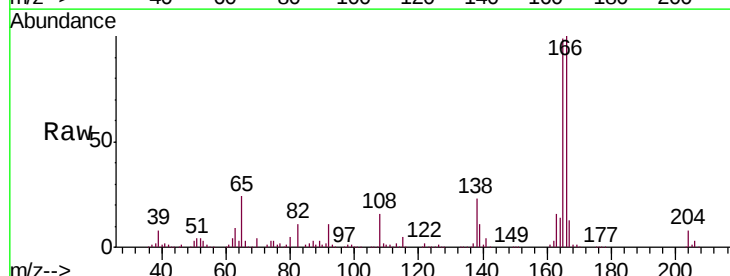


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

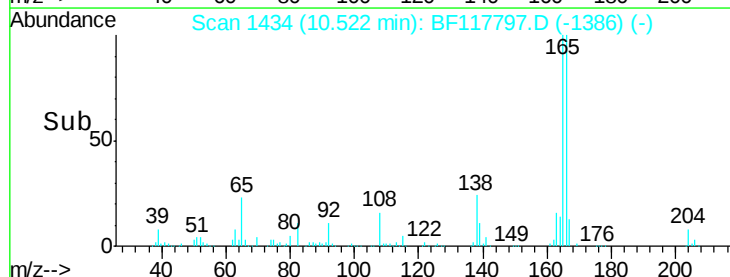
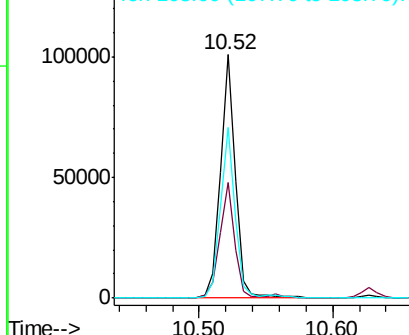


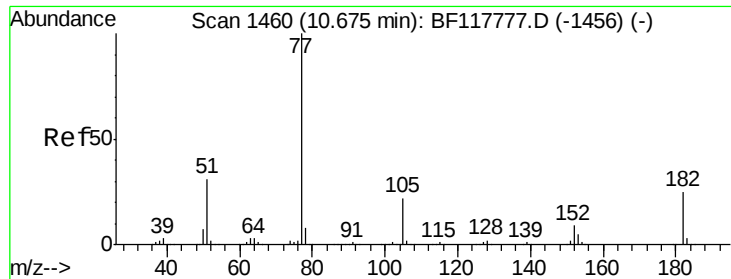
#62
 4-Nitroaniline
 Concen: 7.026 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.02 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion: 138 Resp: 80687
 Ion Ratio Lower Upper
 138 100
 92 47.6 28.3 68.3
 108 70.2 54.3 94.3



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

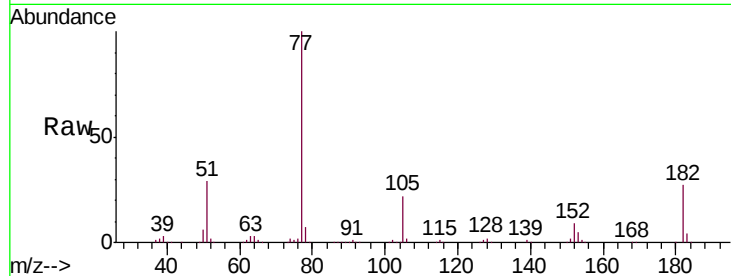




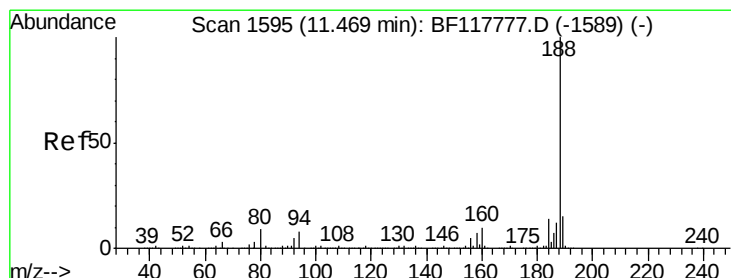
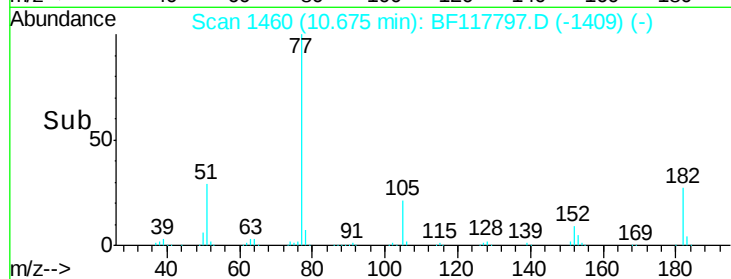
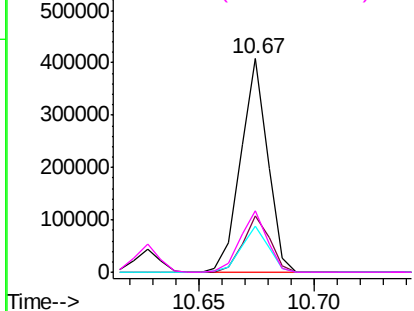
#63
Azobenzene
Concen: 8.546 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 77 Resp: 332442
Ion Ratio Lower Upper
77 100
182 26.5 4.8 44.8
105 21.9 2.1 42.1
51 28.8 11.4 51.4

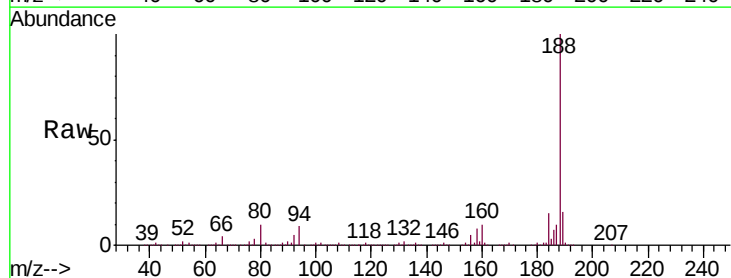


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

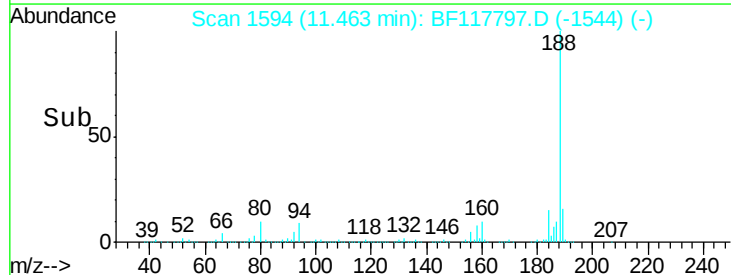
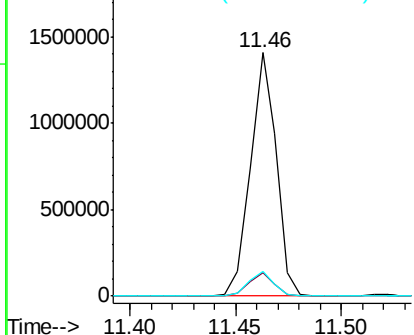


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion: 188 Resp: 1200421
Ion Ratio Lower Upper
188 100
94 9.5 6.6 10.0
80 10.1 7.2 10.8



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





#65

4,6-Dinitro-2-methylphenol

Concen: 6.504 ng

RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

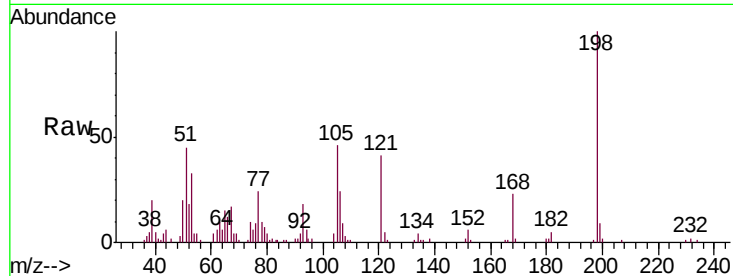
Tgt Ion:198 Resp: 36449

Ion Ratio Lower Upper

198 100

51 45.2 16.0 56.0

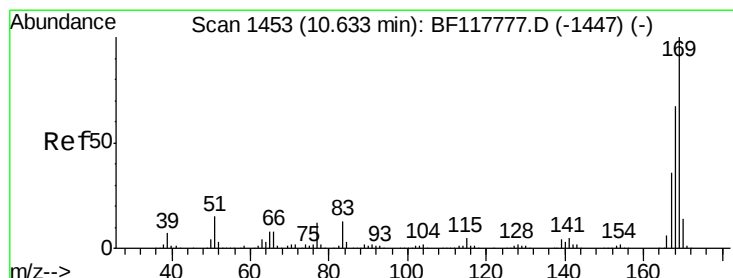
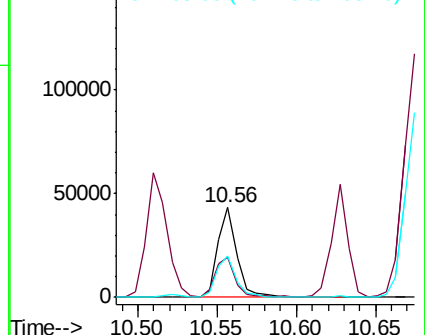
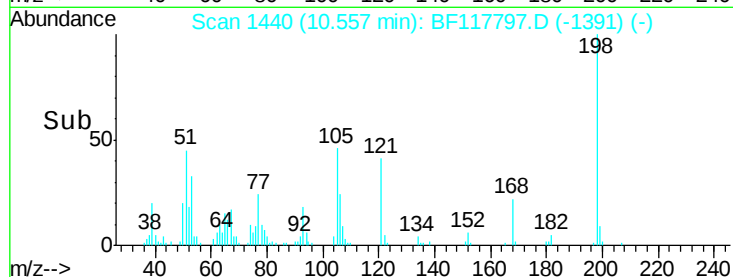
105 45.6 19.1 59.1



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: 8.435 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

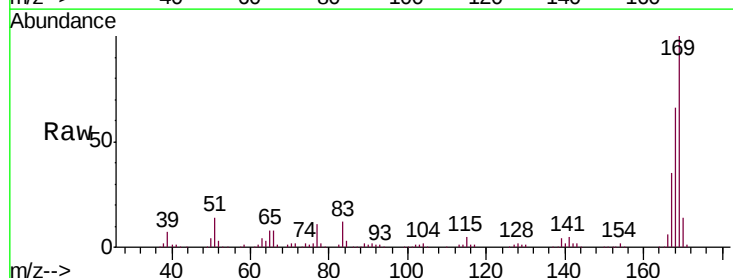
Tgt Ion:169 Resp: 294690

Ion Ratio Lower Upper

169 100

168 66.3 53.5 80.3

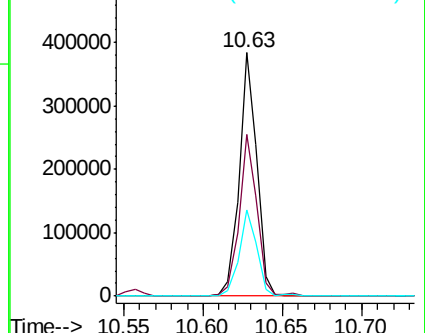
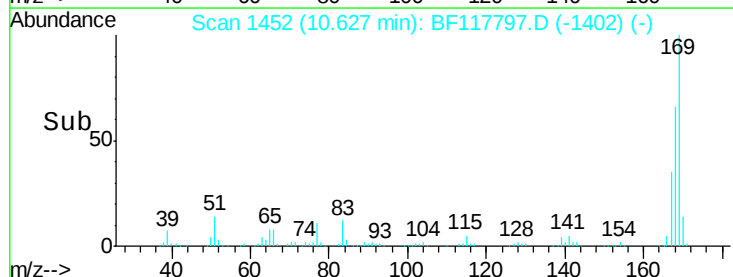
167 35.4 29.0 43.4



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

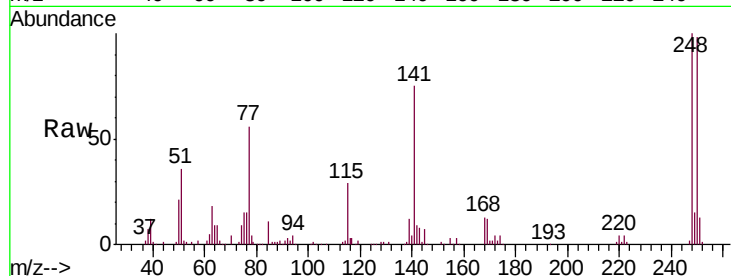




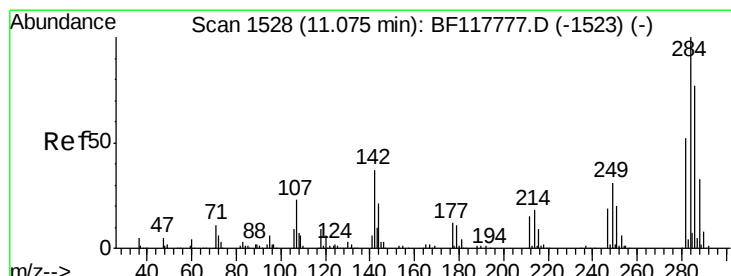
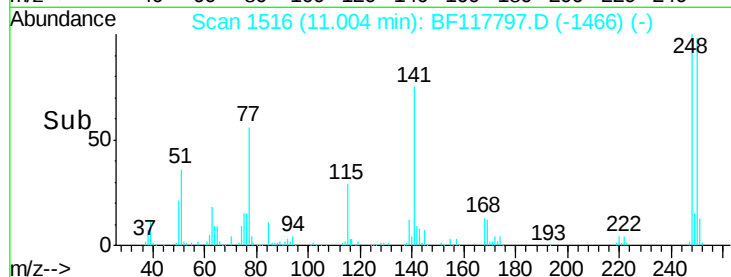
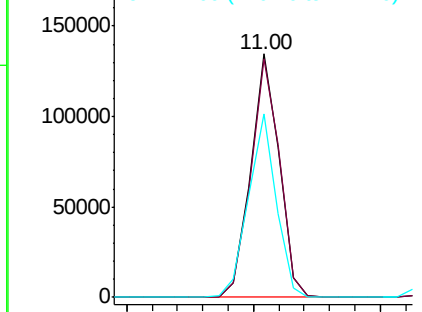
#67
4-Bromophenyl-phenylether
Concen: 8.149 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion: 248 Resp: 105544
Ion Ratio Lower Upper
248 100
250 98.0 76.6 115.0
141 75.1 55.9 83.9

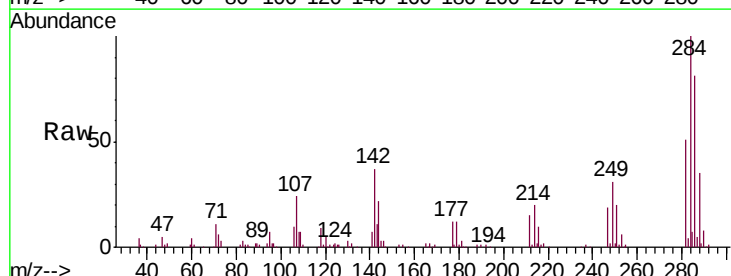


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

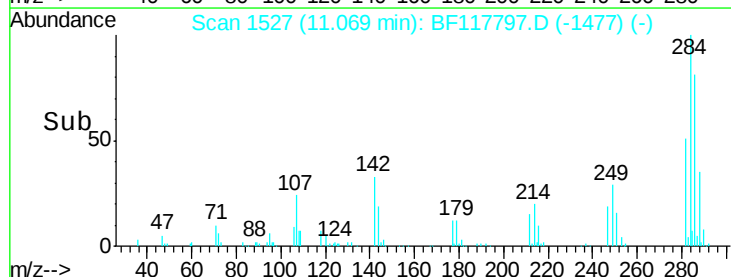
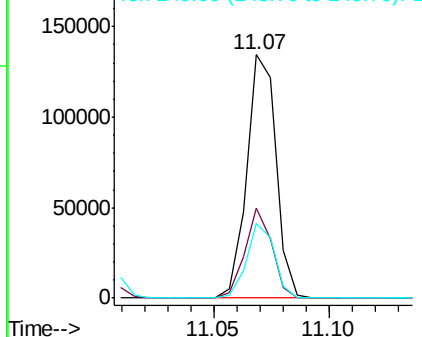


#68
Hexachlorobenzene
Concen: 7.913 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion: 284 Resp: 119508
Ion Ratio Lower Upper
284 100
142 37.2 29.4 44.2
249 30.6 24.6 37.0



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

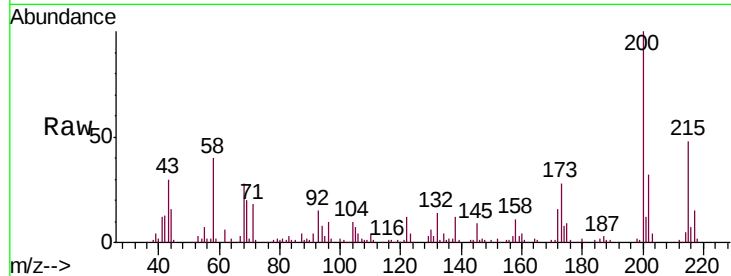




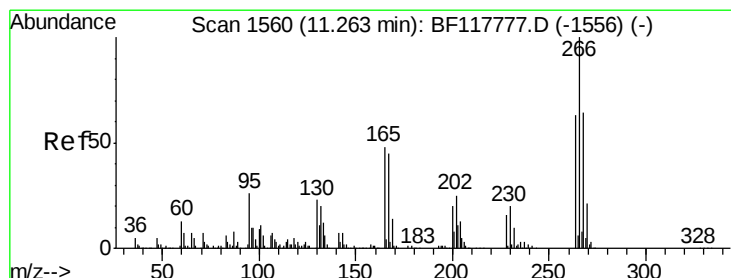
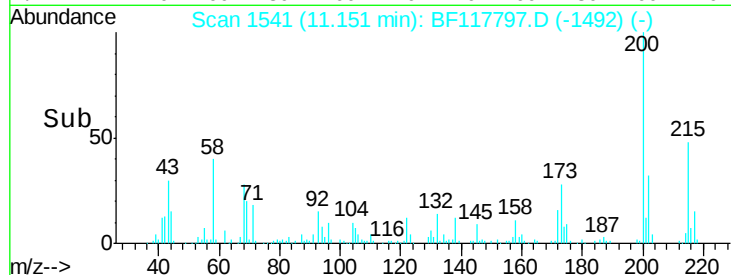
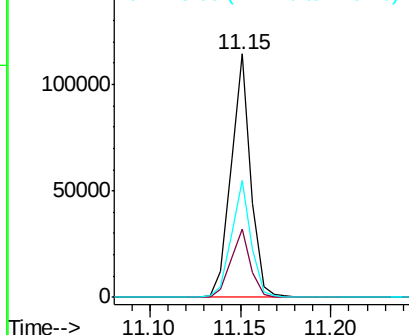
#69
Atrazine
Concen: 7.532 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

Tgt Ion:200 Resp: 86562
Ion Ratio Lower Upper
200 100
173 28.0 6.7 46.7
215 47.9 27.5 67.5

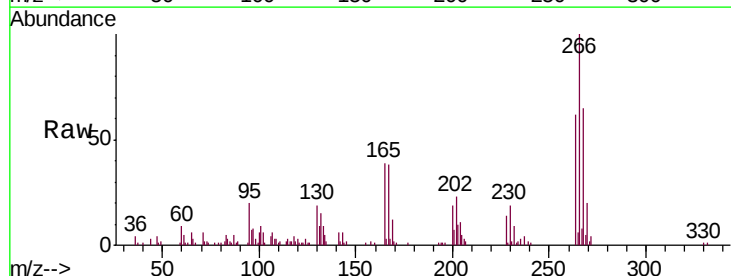


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

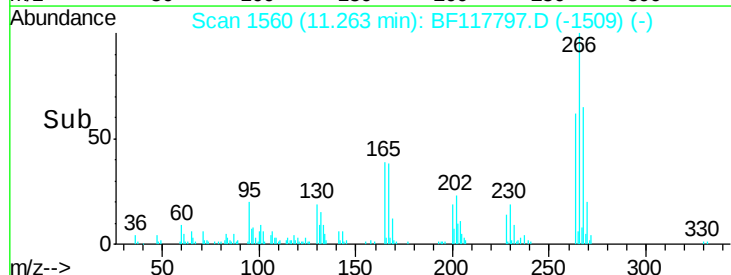
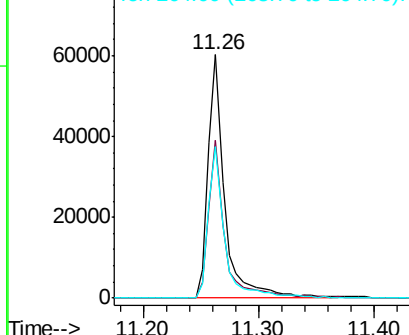


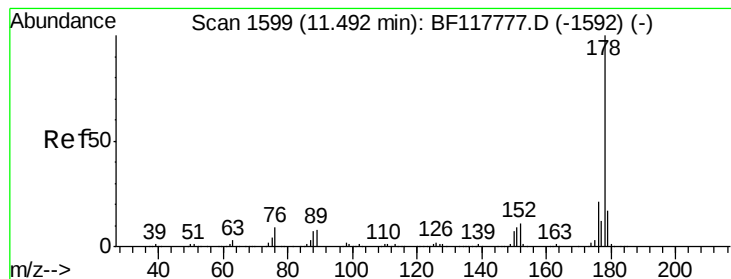
#70
Pentachlorophenol
Concen: 6.889 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:266 Resp: 60786
Ion Ratio Lower Upper
266 100
268 65.0 50.8 76.2
264 62.2 50.7 76.1



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





#71

Phenanthrene

Concen: 8.586 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

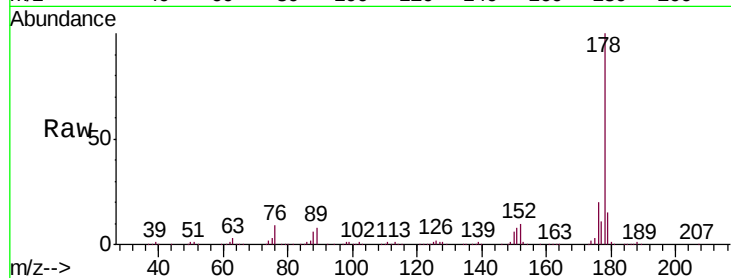
Tgt Ion:178 Resp: 518220

Ion Ratio Lower Upper

178 100

176 19.8 16.6 25.0

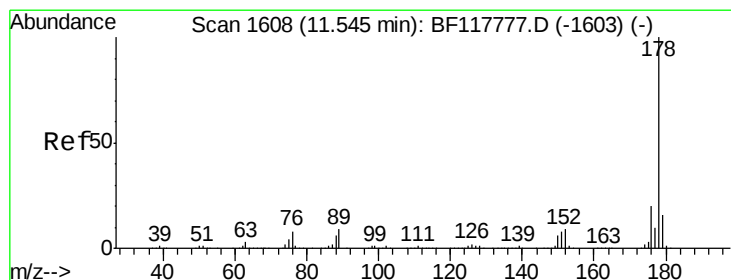
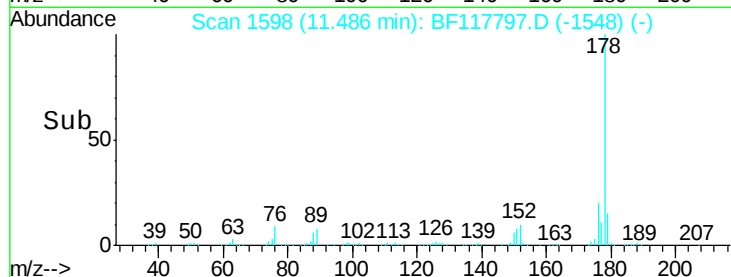
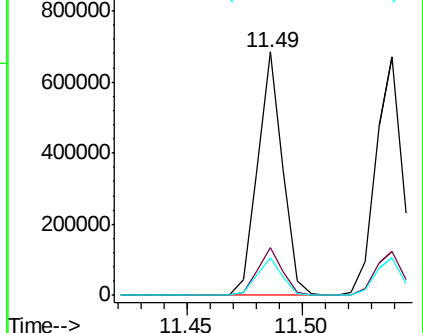
179 15.4 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 8.923 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

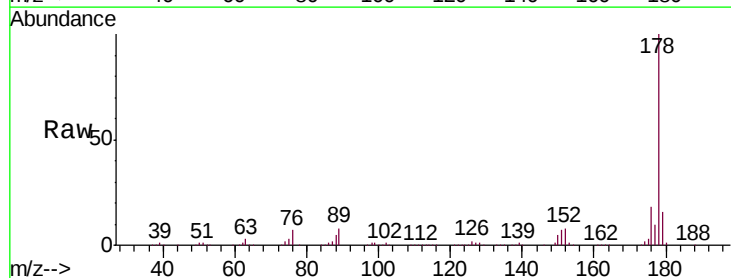
Tgt Ion:178 Resp: 533936

Ion Ratio Lower Upper

178 100

176 18.5 16.1 24.1

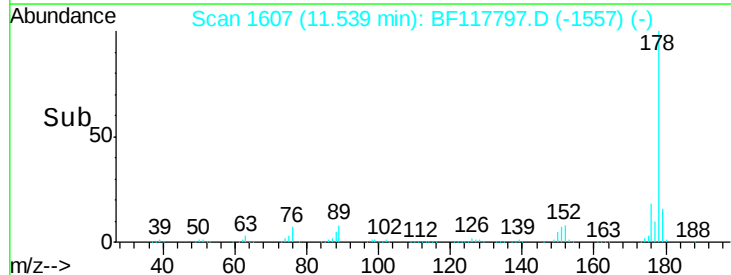
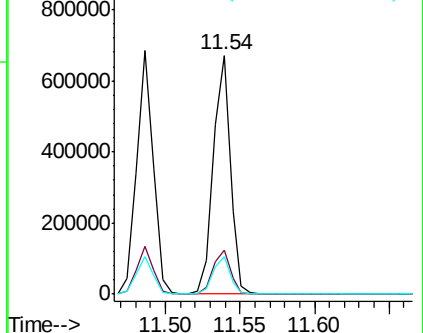
179 15.5 13.0 19.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

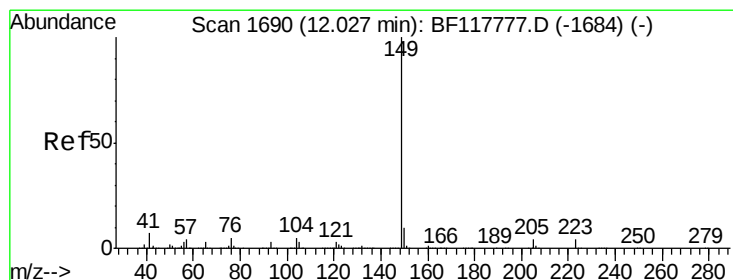
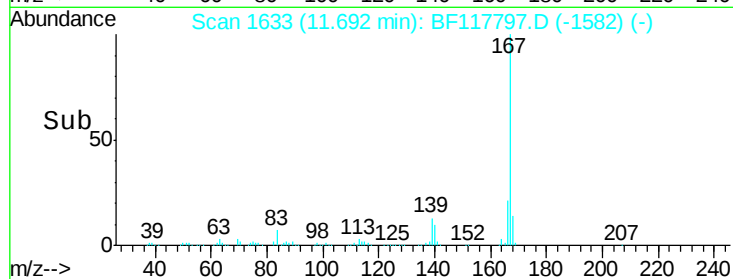
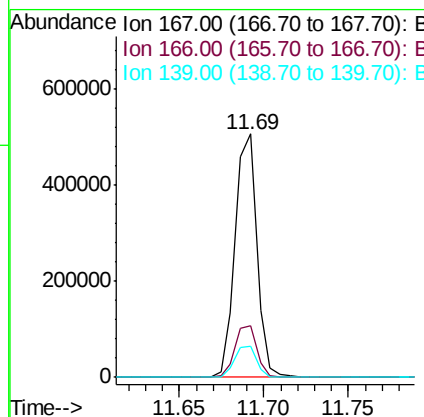
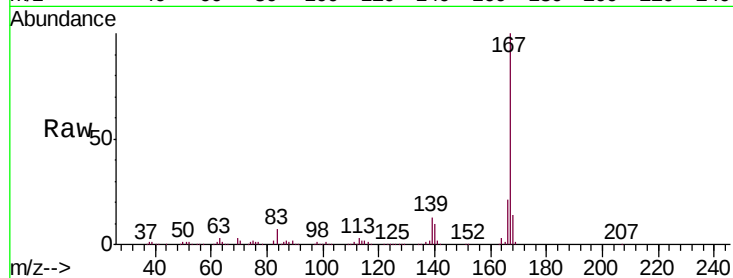




#73
 Carbazole
 Concen: 8.674 ng
 RT: 11.69 min Scan# 1633
 Delta R.T. -0.00 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

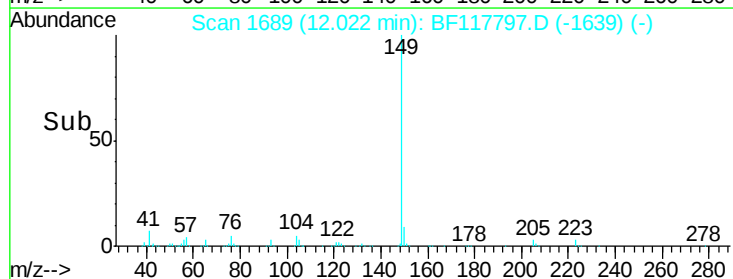
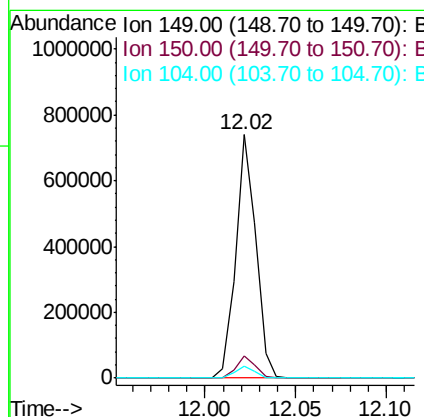
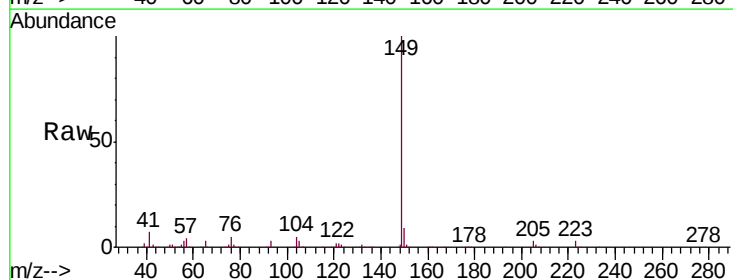
Instrument :
 BNA_F
 ClientSampleId :
 MDL-MDL-WATER-03-QT4-2019

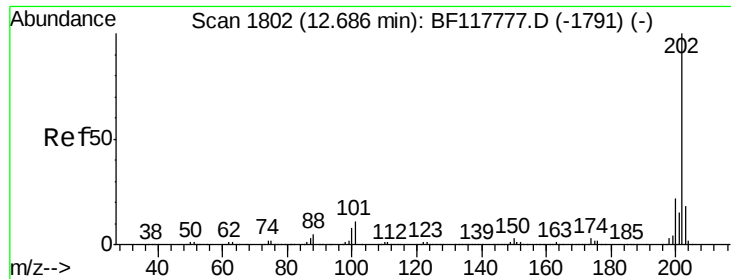
Tgt Ion:167 Resp: 453565
 Ion Ratio Lower Upper
 167 100
 166 21.4 18.0 27.0
 139 12.8 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 8.766 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117797.D
 Acq: 15 Nov 2019 10:35

Tgt Ion:149 Resp: 570740
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.9 11.9
 104 4.7 4.2 6.4





#75

Fluoranthene

Concen: 2.642 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

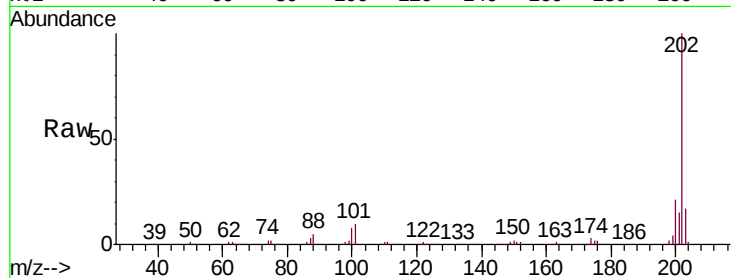
Tgt Ion:202 Resp: 534496

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.1

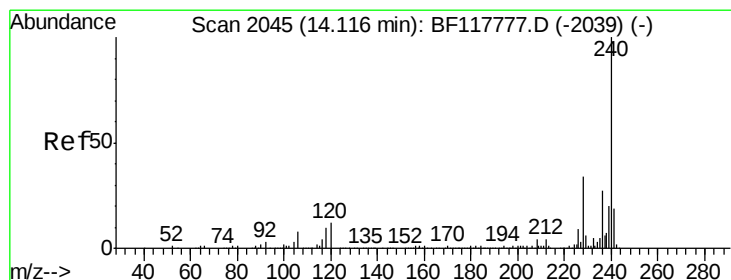
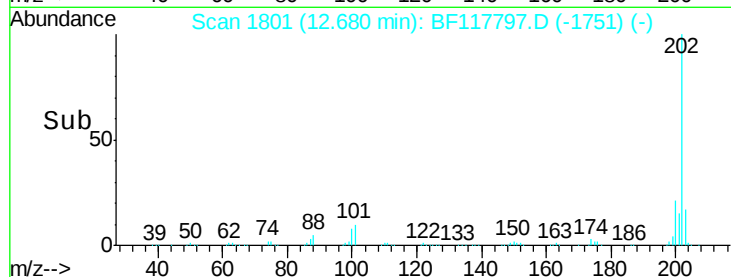
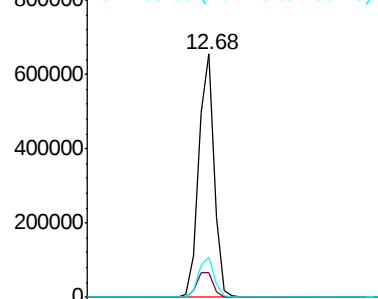
203 16.7 0.0 38.2



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: 14.11 min Scan# 2044

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

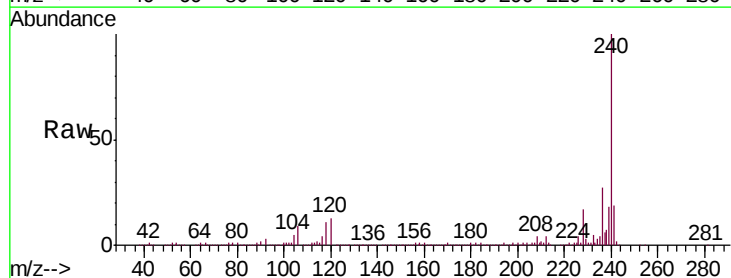
Tgt Ion:240 Resp: 903274

Ion Ratio Lower Upper

240 100

120 12.6 9.5 14.3

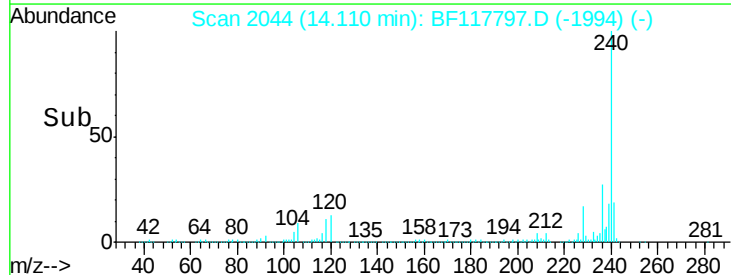
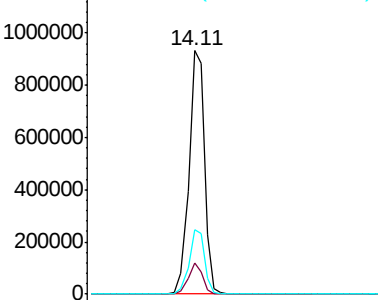
236 26.6 21.3 31.9



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: 8.786 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

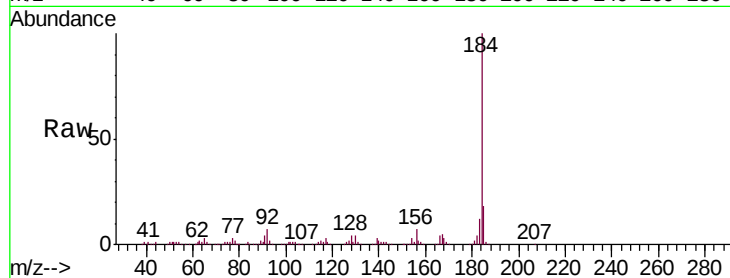
Tgt Ion:184 Resp: 259942

Ion Ratio Lower Upper

184 100

185 18.3 12.2 18.4

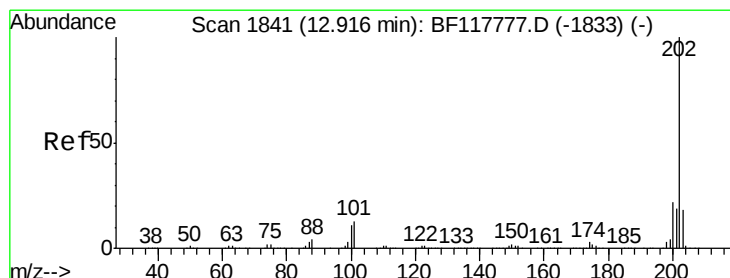
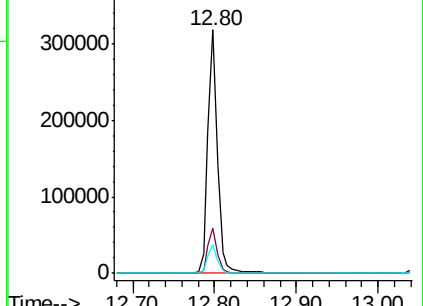
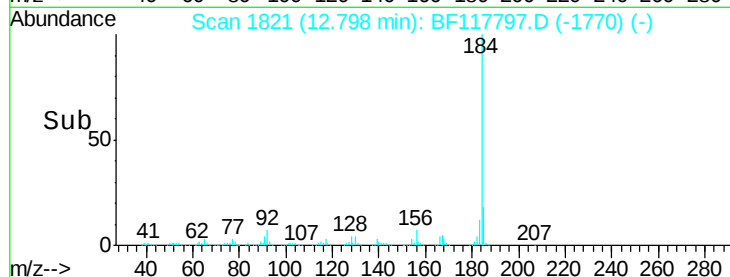
183 11.5 9.5 14.3



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: 7.409 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

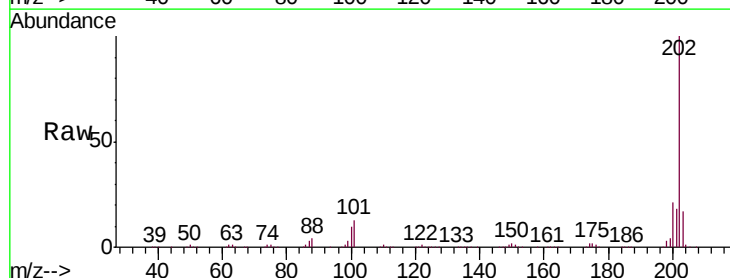
Tgt Ion:202 Resp: 540819

Ion Ratio Lower Upper

202 100

200 20.9 17.8 26.8

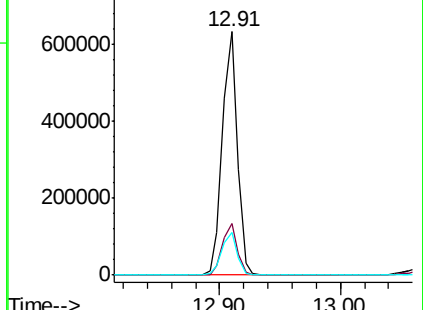
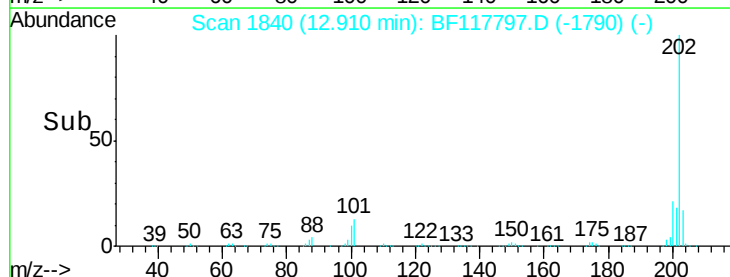
203 17.4 14.6 22.0

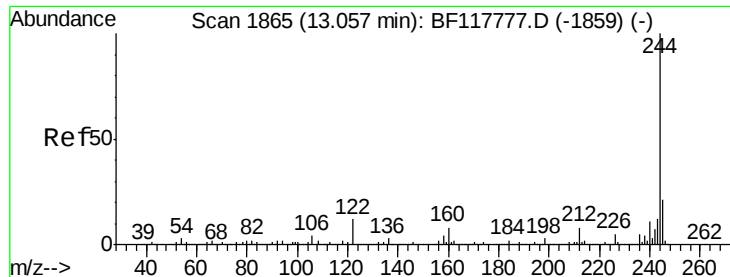


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 81.921 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

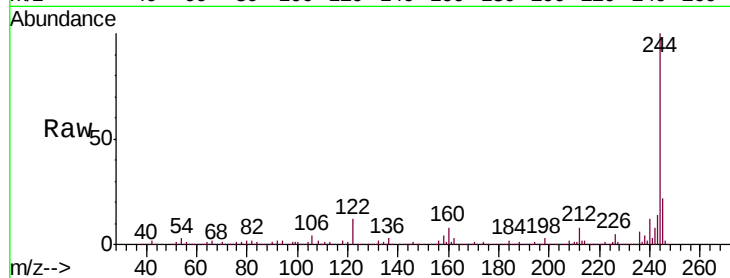
Tgt Ion:244 Resp: 4048854

Ion Ratio Lower Upper

244 100

212 8.4 6.3 9.5

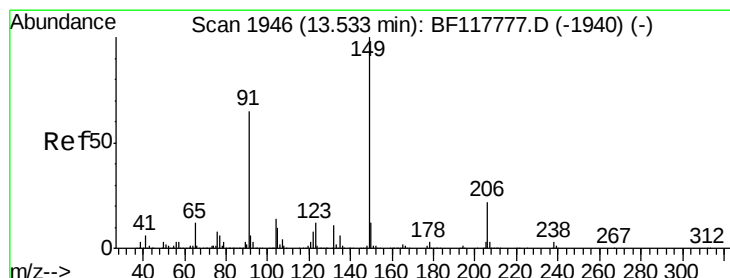
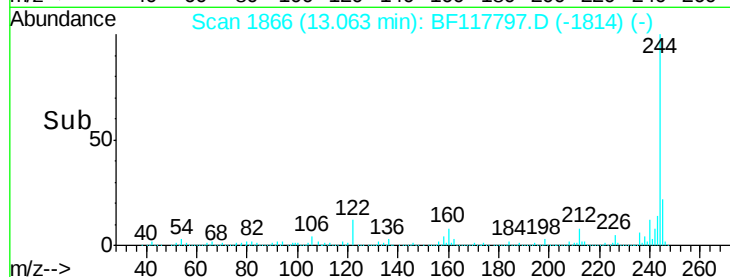
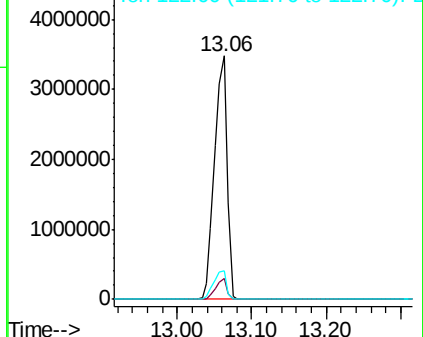
122 11.6 9.4 14.2



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: 6.918 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

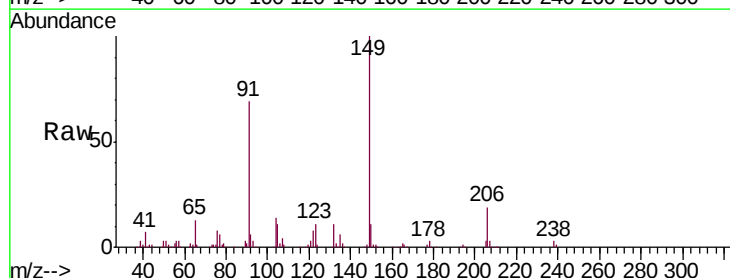
Tgt Ion:149 Resp: 216904

Ion Ratio Lower Upper

149 100

91 69.2 51.9 77.9

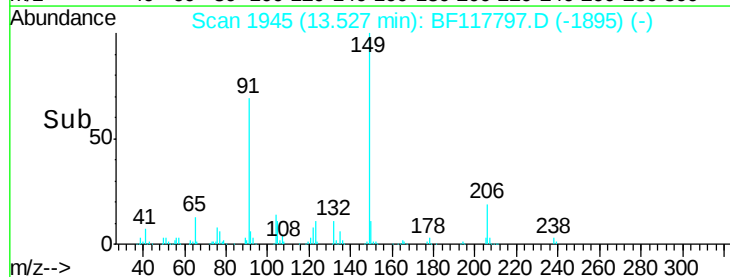
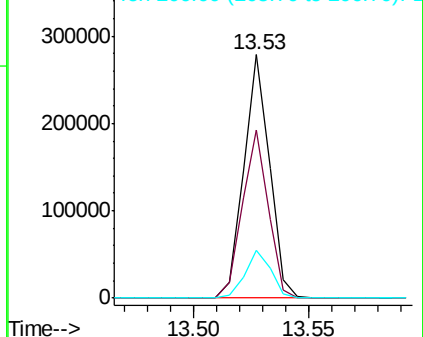
206 19.4 17.2 25.8



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: 7.898 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

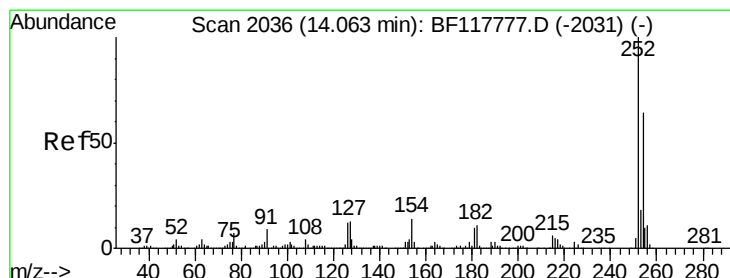
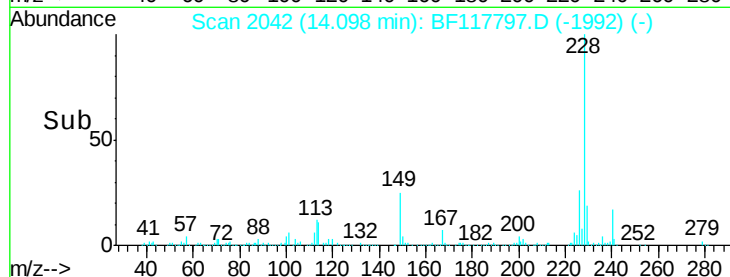
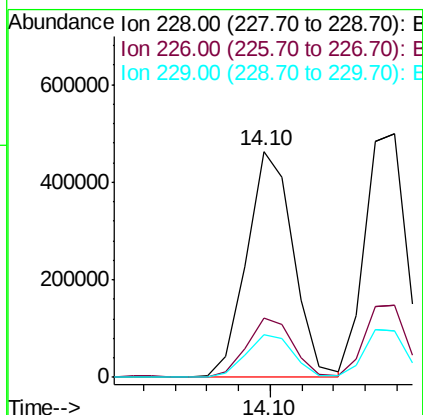
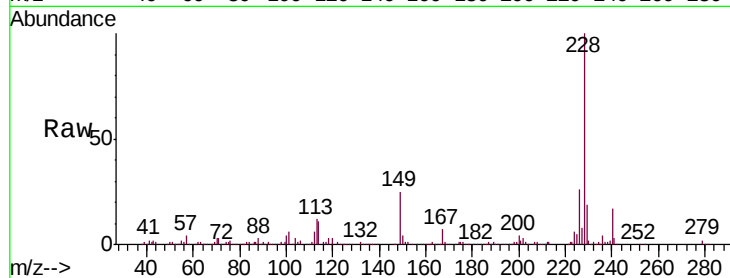
Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

Tgt Ion:	228	Resp:	471405
Ion	Ratio	Lower	Upper
228	100		
226	26.5	22.2	33.2
229	18.9	15.9	23.9



#82

3,3'-Dichlorobenzidine

Concen: 8.420 ng

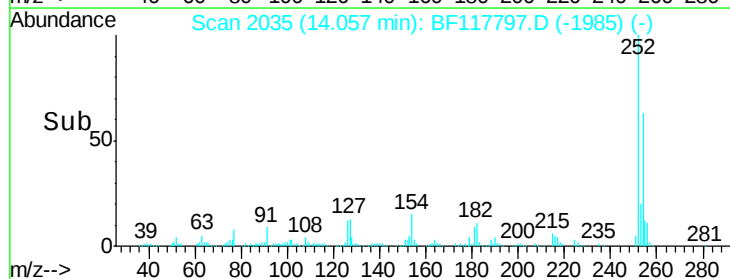
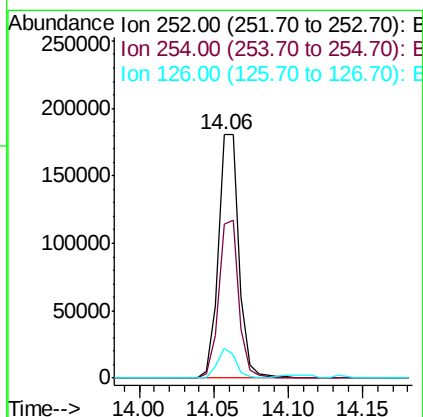
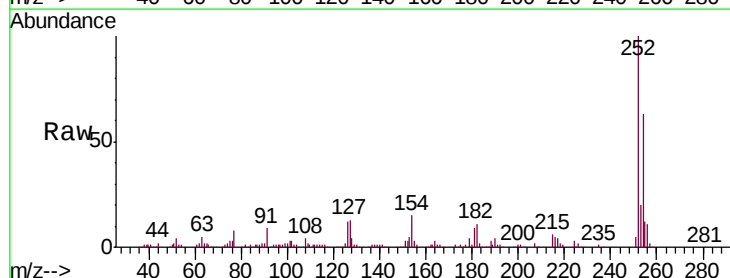
RT: 14.06 min Scan# 2035

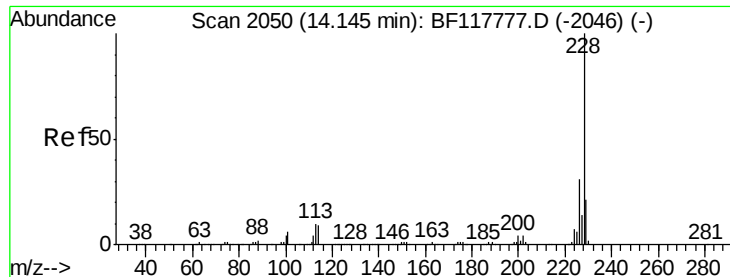
Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Tgt Ion:	252	Resp:	175805
Ion	Ratio	Lower	Upper
252	100		
254	63.1	51.0	76.6
126	12.1	9.7	14.5





#83

Chrysene

Concen: 7.827 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

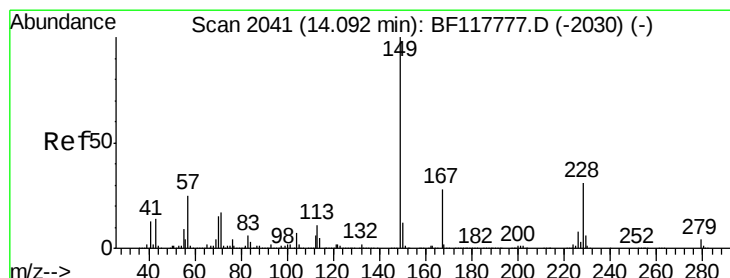
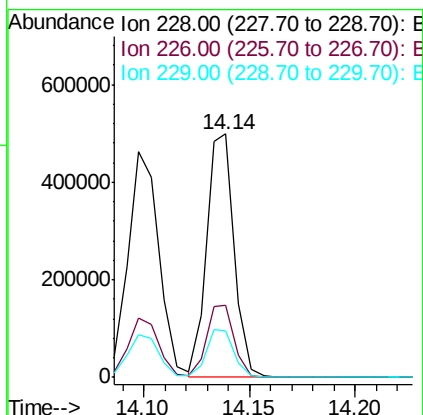
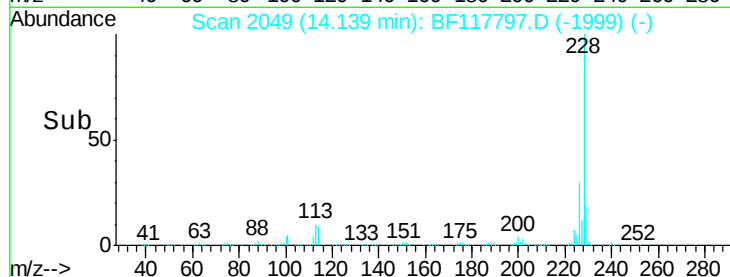
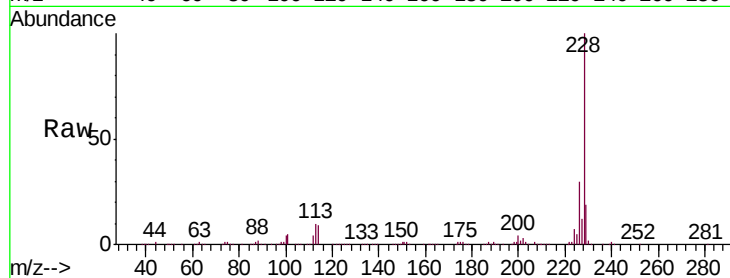
Tgt Ion:228 Resp: 452717

Ion Ratio Lower Upper

228 100

226 29.7 25.0 37.4

229 19.3 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 8.340 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

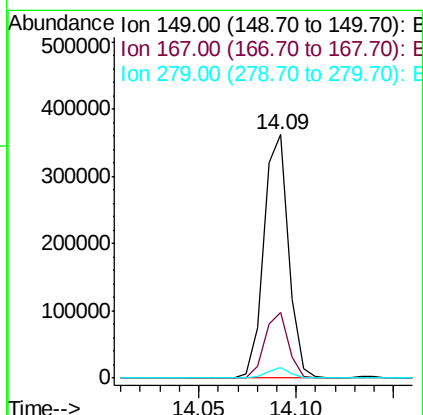
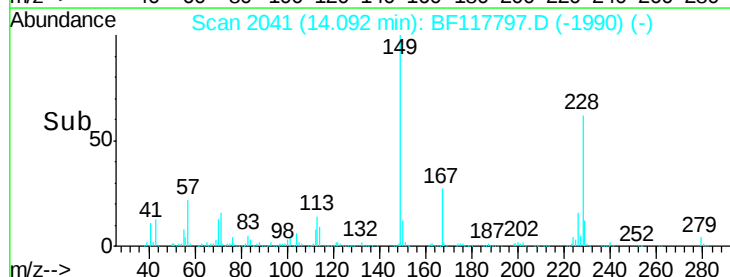
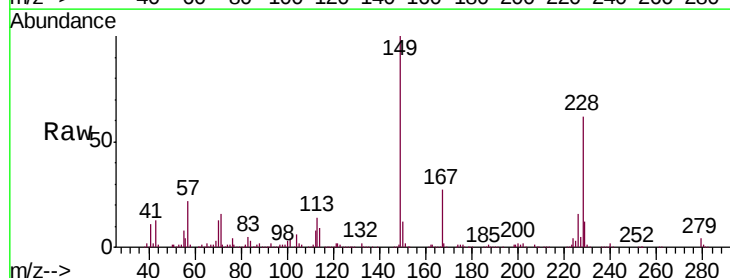
Tgt Ion:149 Resp: 317005

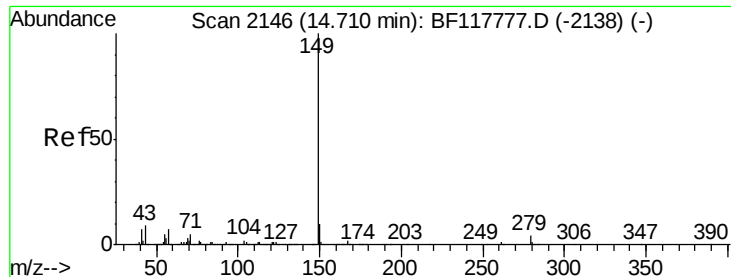
Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.2

279 4.2 3.4 5.2

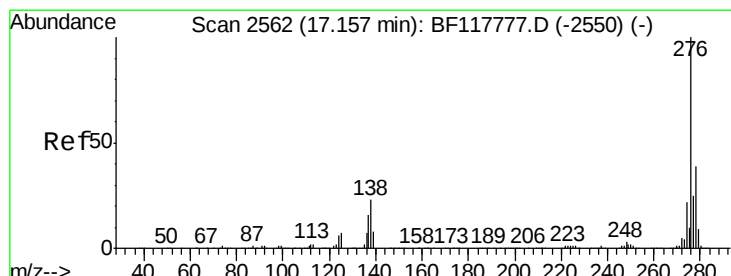
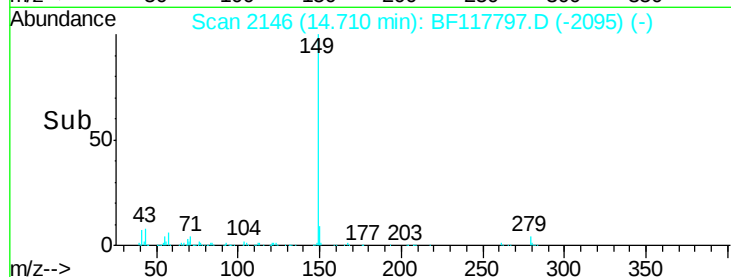
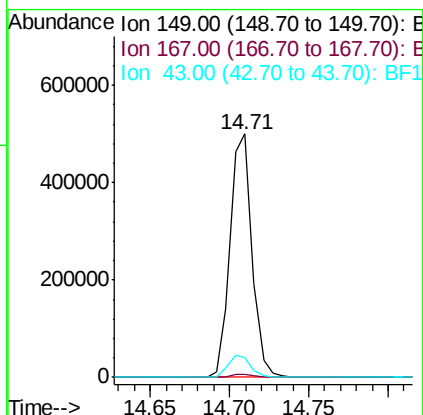
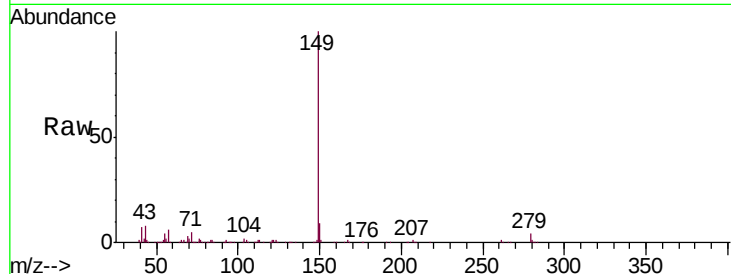




#85
Di-n-octyl phthalate
Concen: 8.612 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

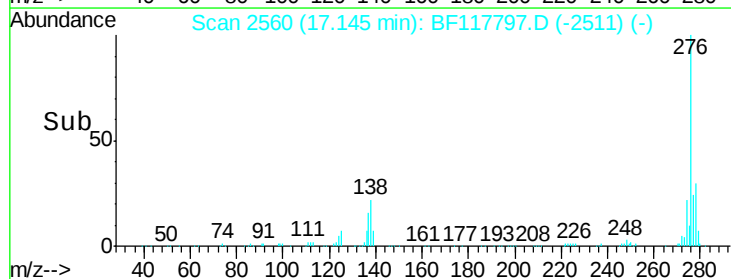
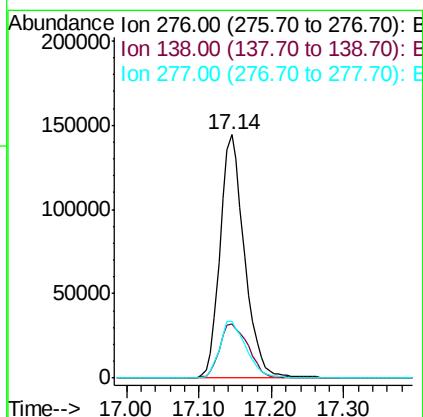
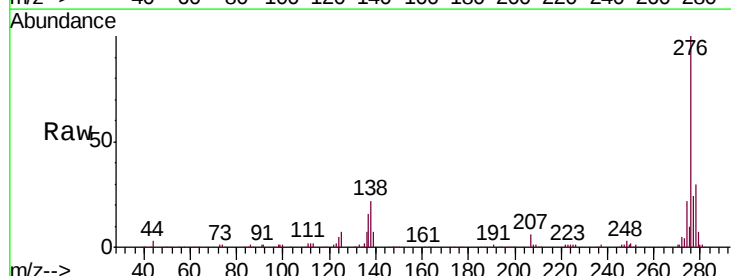
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

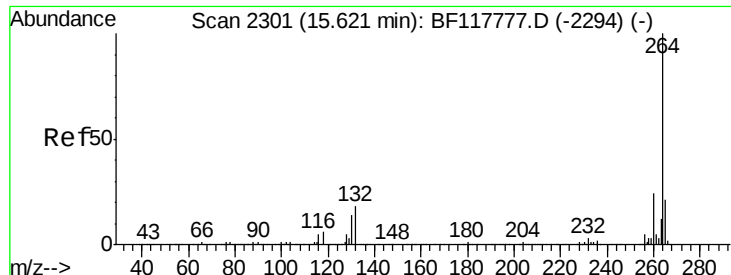
Tgt Ion:149 Resp: 480930
Ion Ratio Lower Upper
149 100
167 1.4 1.2 1.8
43 9.2 7.4 11.2



#86
Indeno(1,2,3-cd)pyrene
Concen: 6.887 ng
RT: 17.14 min Scan# 2560
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion:276 Resp: 339019
Ion Ratio Lower Upper
276 100
138 26.2 20.9 31.3
277 25.4 20.3 30.5

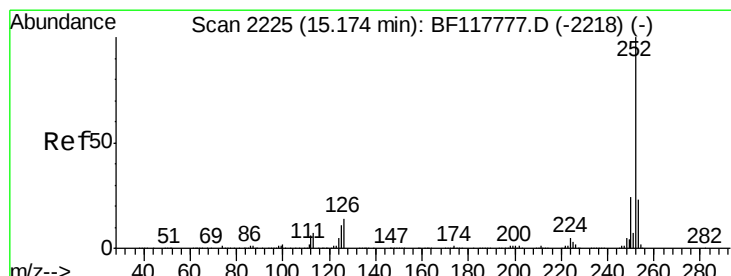
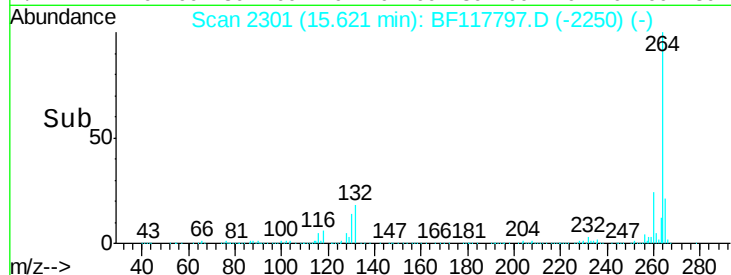
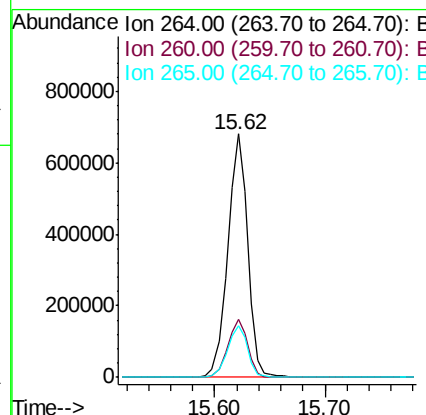
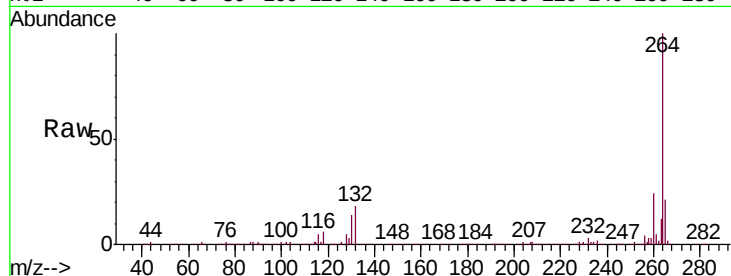




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

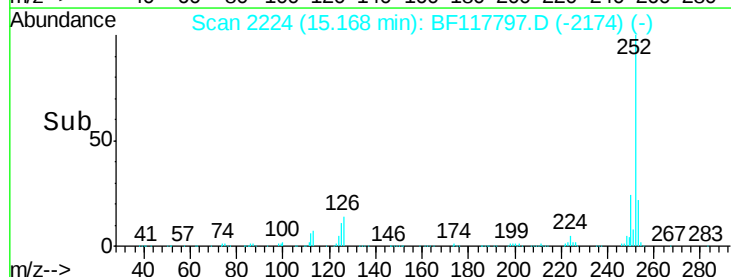
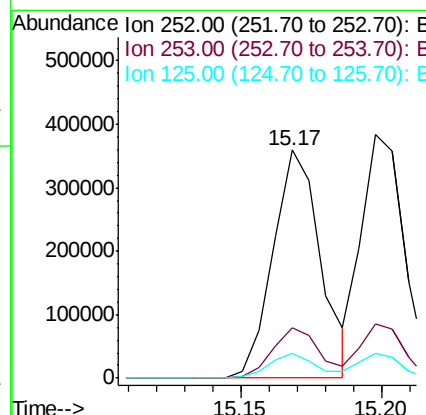
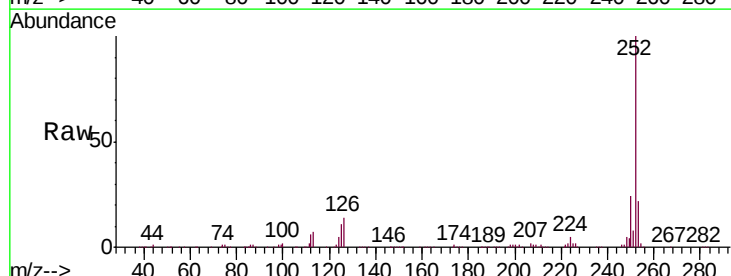
Instrument :
BNA_F
ClientSampleId :
MDL-MDL-WATER-03-QT4-2019

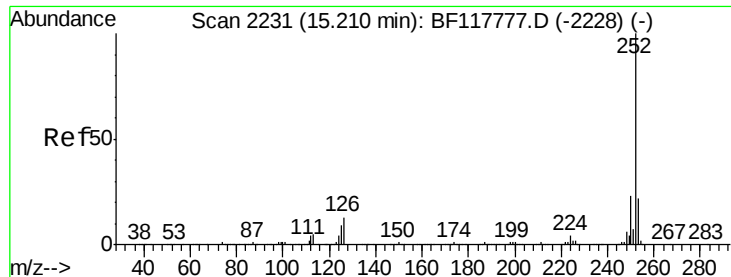
Tgt Ion: 264 Resp: 856845
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.0
265 21.4 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 7.558 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117797.D
Acq: 15 Nov 2019 10:35

Tgt Ion: 252 Resp: 420732
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 11.1 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 7.769 ng

RT: 15.20 min Scan# 2229

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

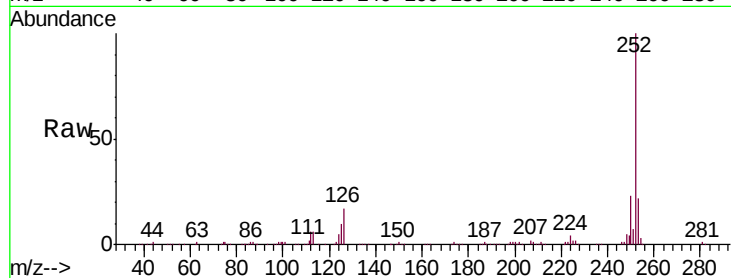
Tgt Ion:252 Resp: 407499

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.3 7.9 11.9



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

15.20

400000

300000

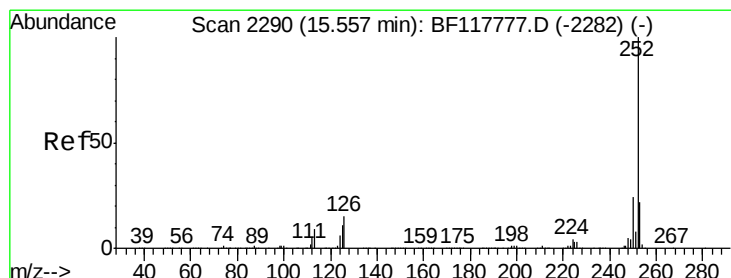
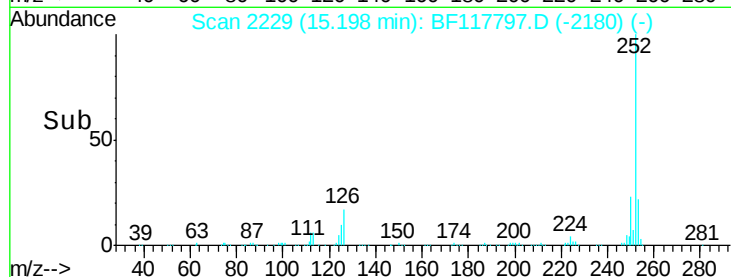
200000

100000

0

15.15 15.20 15.25 15.30

Time-->



#90

Benzo(a)pyrene

Concen: 7.100 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

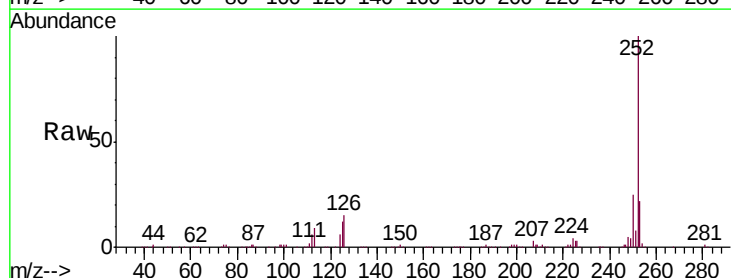
Tgt Ion:252 Resp: 347567

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

125 11.9 9.2 13.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

15.55

300000

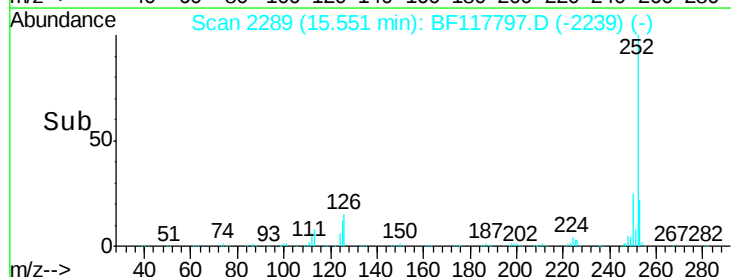
200000

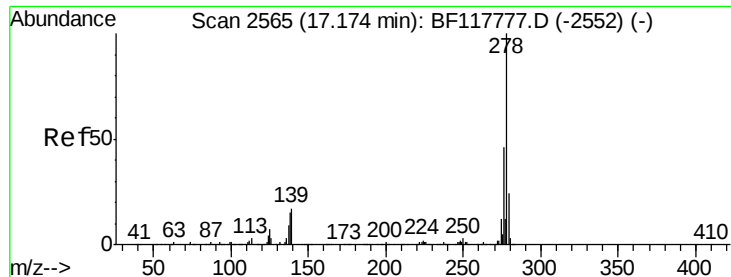
100000

0

15.50 15.55 15.60

Time-->





#91

Dibenzo(a,h)anthracene

Concen: 6.836 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

Instrument :

BNA_F

ClientSampleId :

MDL-MDL-WATER-03-QT4-2019

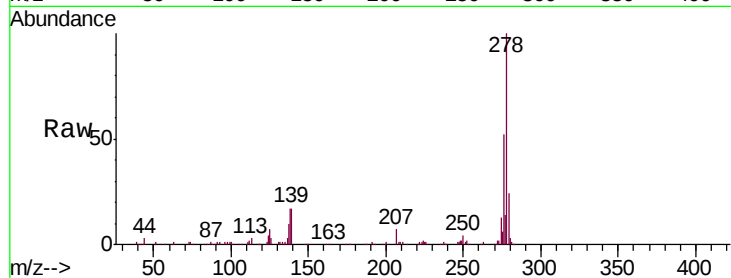
Tgt Ion: 278 Resp: 288014

Ion Ratio Lower Upper

278 100

139 17.4 13.8 20.8

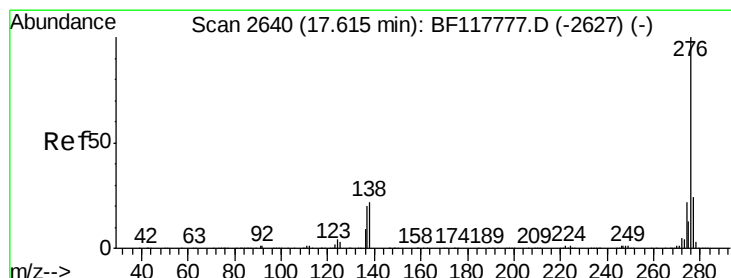
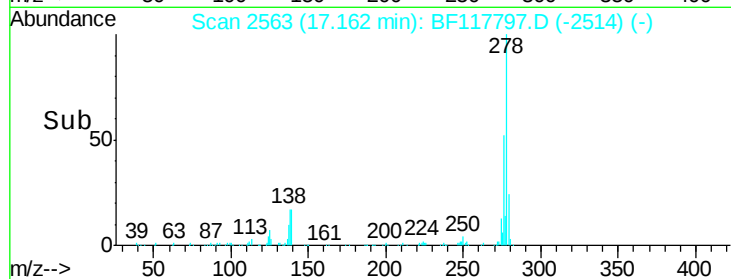
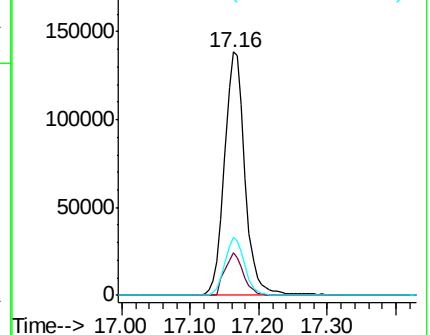
279 23.8 19.6 29.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 6.446 ng

RT: 17.60 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF117797.D

Acq: 15 Nov 2019 10:35

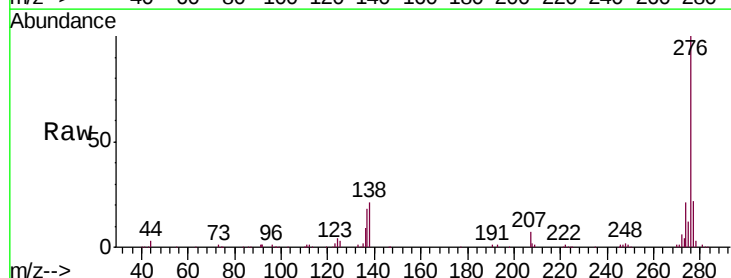
Tgt Ion: 276 Resp: 270511

Ion Ratio Lower Upper

276 100

277 22.3 18.9 28.3

138 21.4 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

