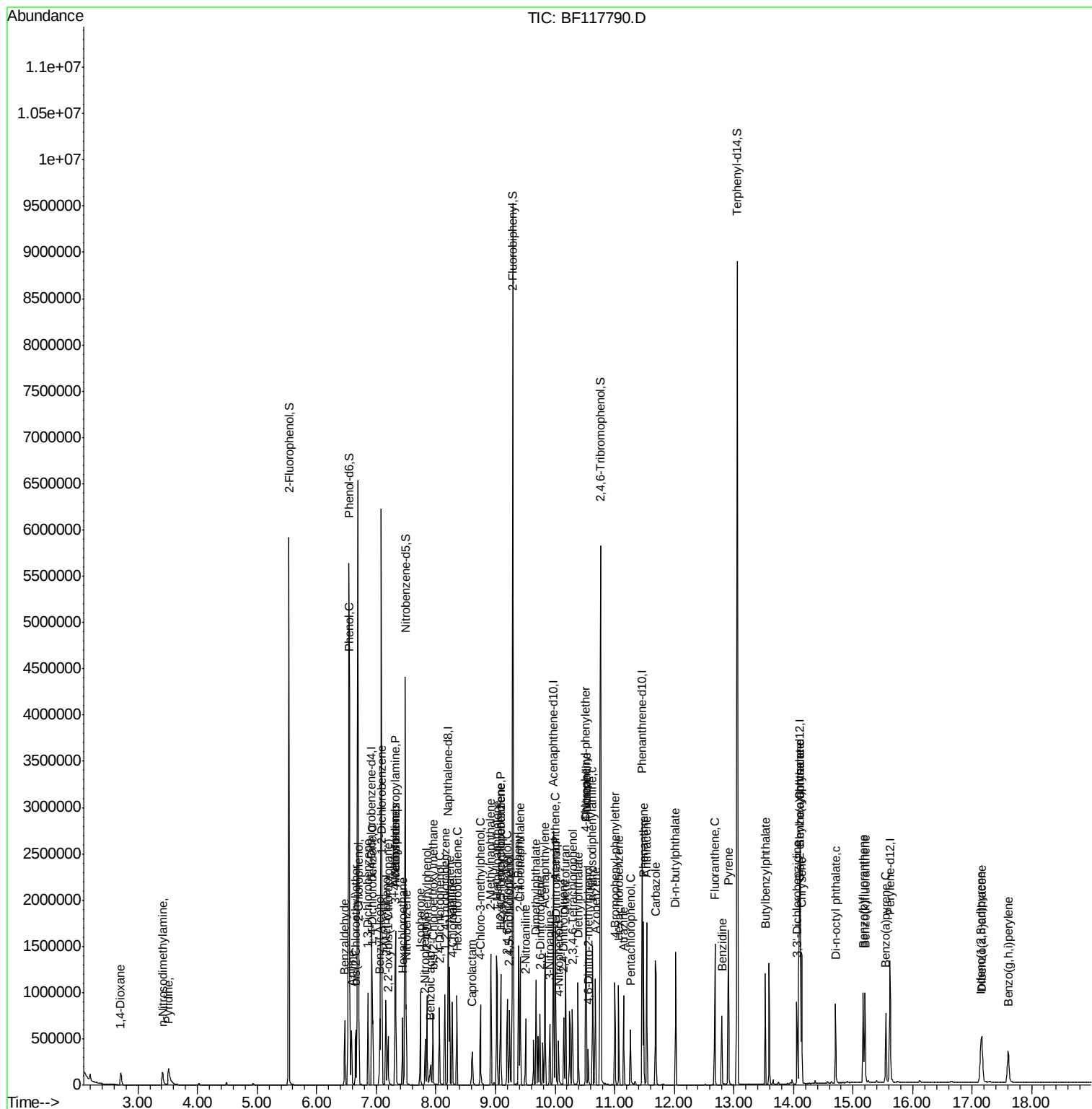
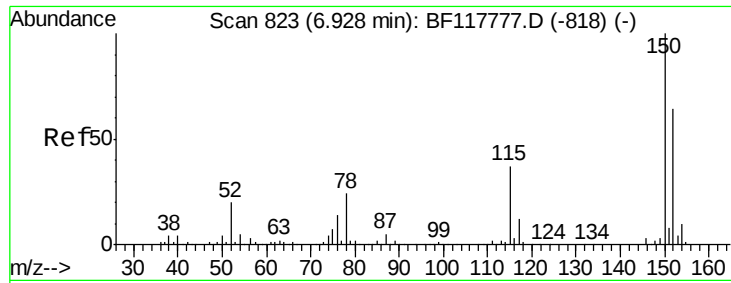


```
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\  
Data File : BF117790.D  
Acq On    : 14 Nov 2019 12:01  
Operator  : JU  
Sample    : K5111-08  
Misc      : L00-WTR-10PPM  
ALS Vial  : 8 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
LOO-WATER-02-OT4-2019

Quant Time: Nov 14 13:28:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 14 10:38:53 2019
Response via : Initial Calibration



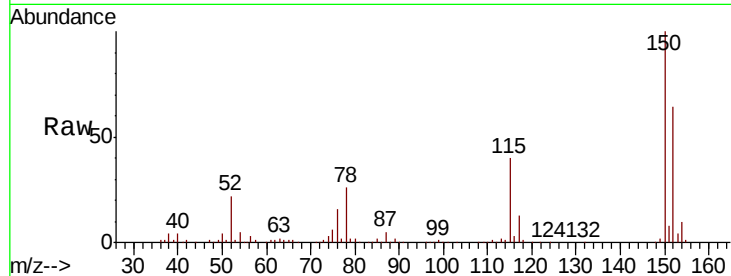


#1

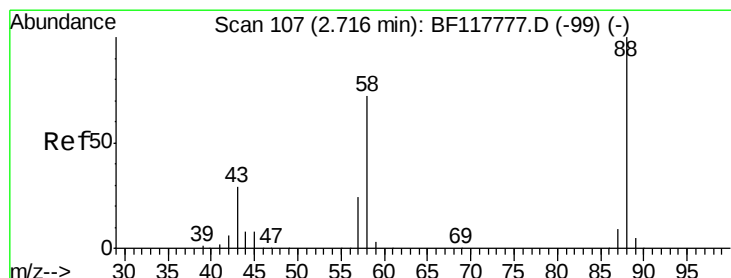
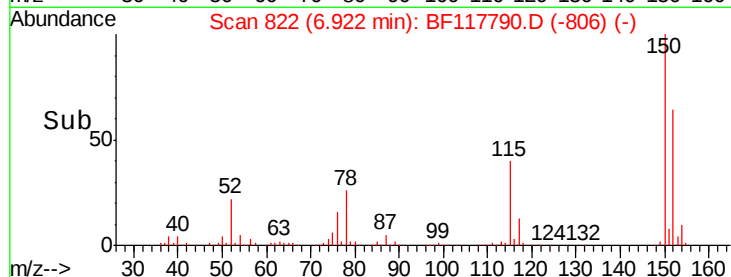
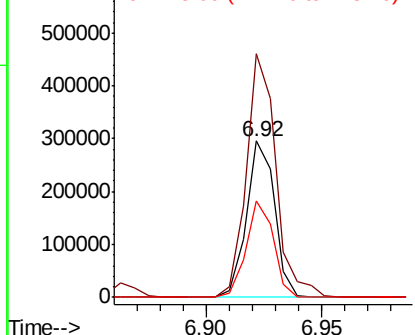
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:152 Resp: 251902
Ion Ratio Lower Upper
152 100
150 155.8 125.3 187.9
115 61.9 47.0 70.4



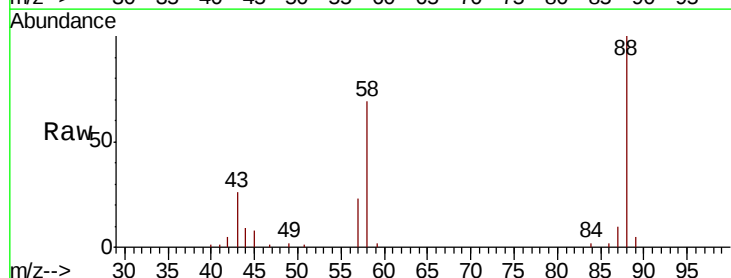
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



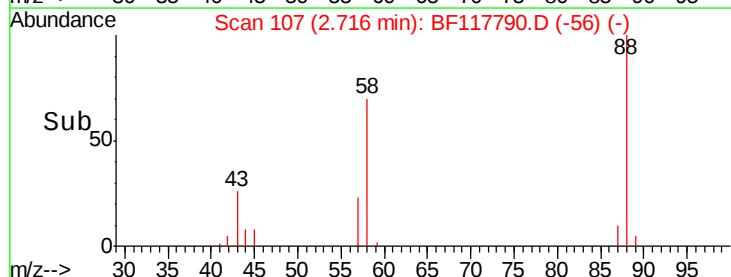
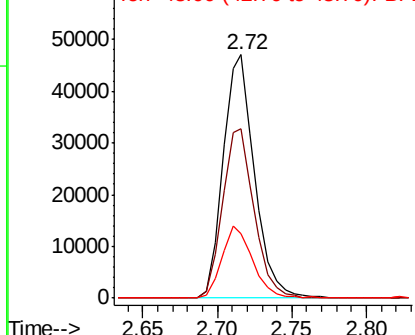
#2

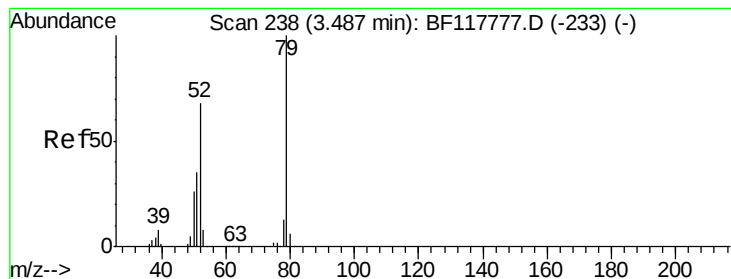
1,4-Dioxane
Concen: 10.408 ng
RT: 2.72 min Scan# 107
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 88 Resp: 69232
Ion Ratio Lower Upper
88 100
58 70.0 58.2 87.2
43 29.1 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

Pvridine

Concen: 9.703 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.03 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

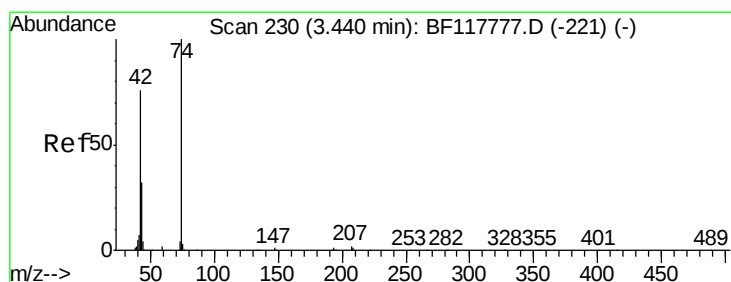
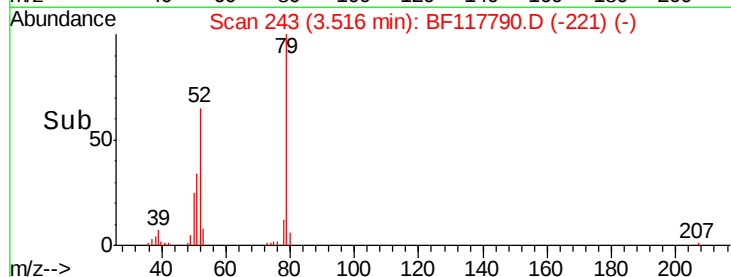
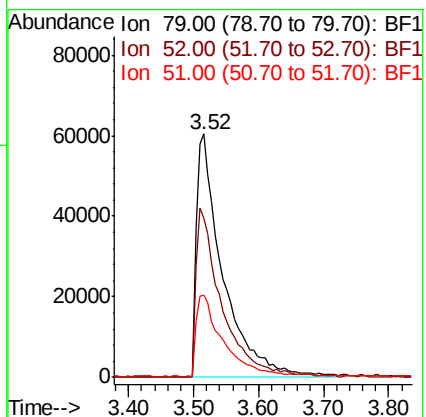
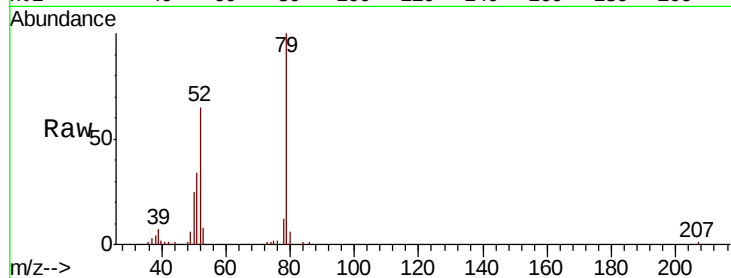
Tot Ion: 79 Resp: 169309

Ion Ratio Lower Upper

79 100

52 65.4 54.8 82.2

51 33.8 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 10.549 ng

RT: 3.41 min Scan# 225

Delta R.T. -0.03 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

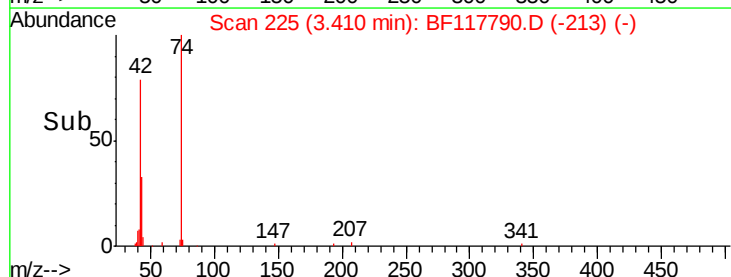
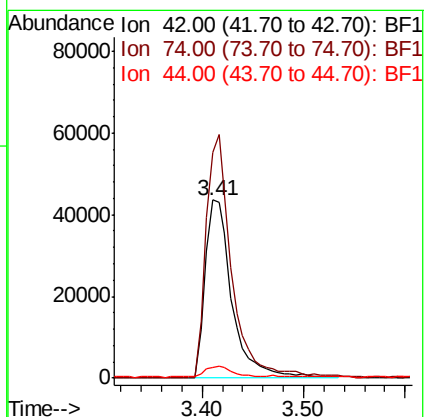
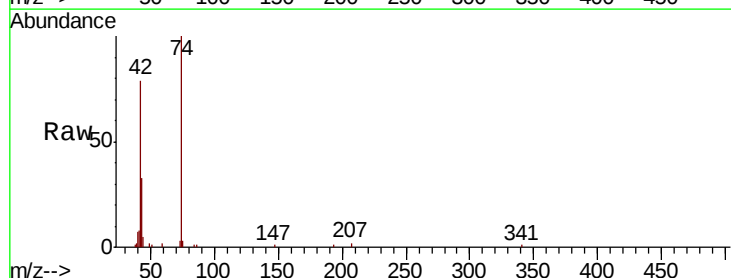
Tgt Ion: 42 Resp: 80351

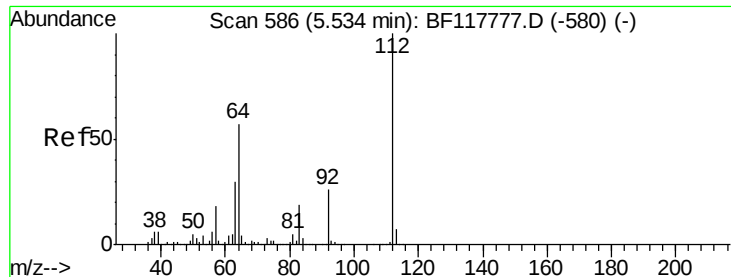
Ion Ratio Lower Upper

42 100

74 126.5 105.1 157.7

44 6.2 4.6 7.0





#5

2-Fluorophenol

Concen: 134.353 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

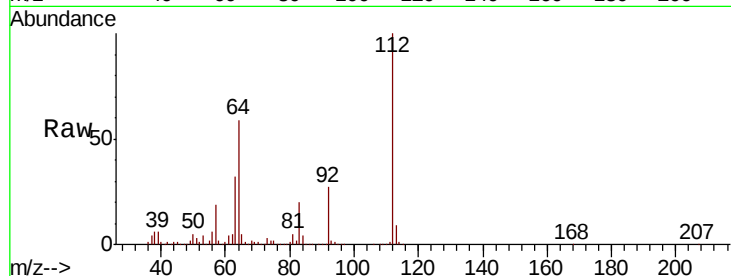
Tot Ion:112 Resp: 1911961

Ion Ratio Lower Upper

112 100

64 58.7 45.6 68.4

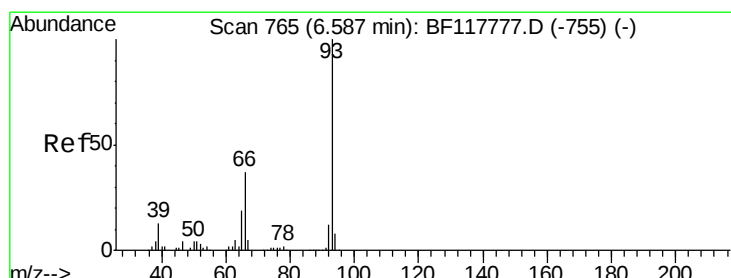
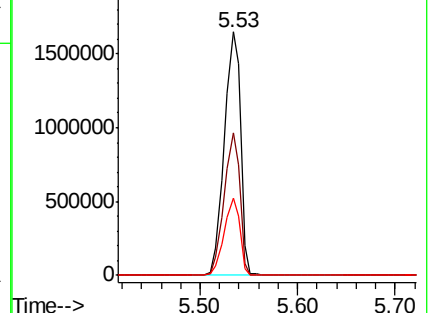
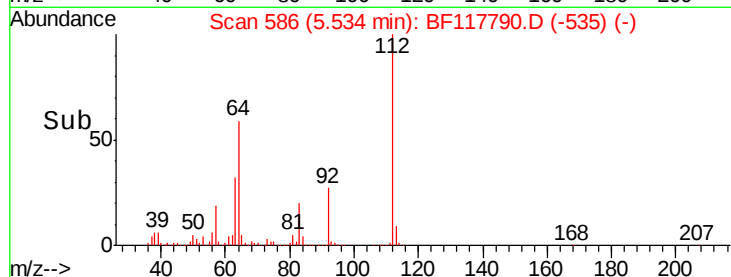
63 31.7 24.1 36.1



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: 11.668 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

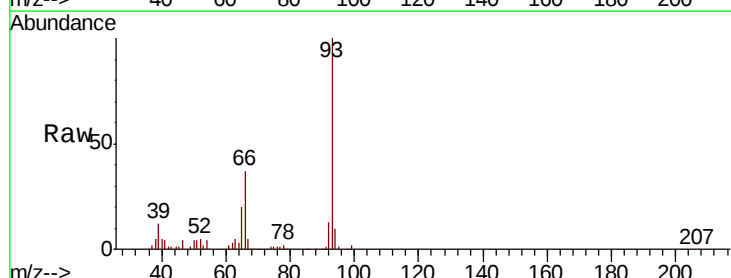
Tgt Ion: 93 Resp: 264660

Ion Ratio Lower Upper

93 100

66 37.4 30.6 45.8

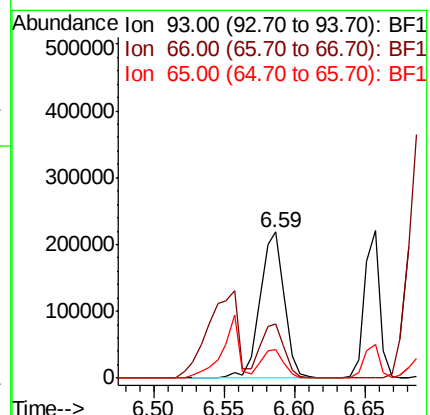
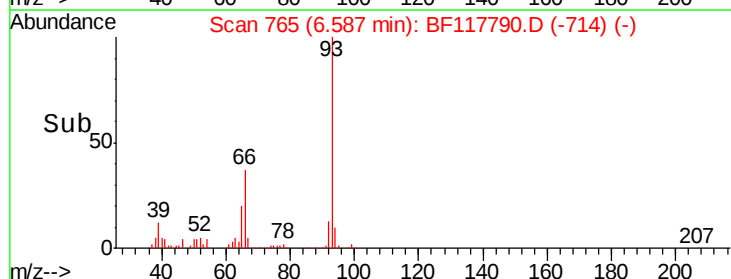
65 19.7 15.6 23.4

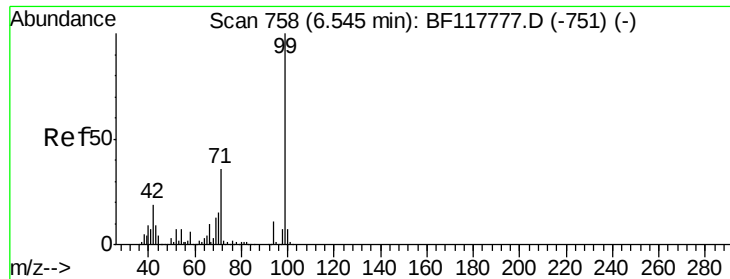


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 134.046 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

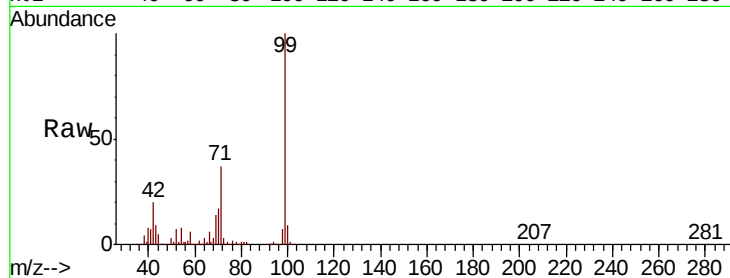
Tot Ion: 99 Resp: 2300866

Ion Ratio Lower Upper

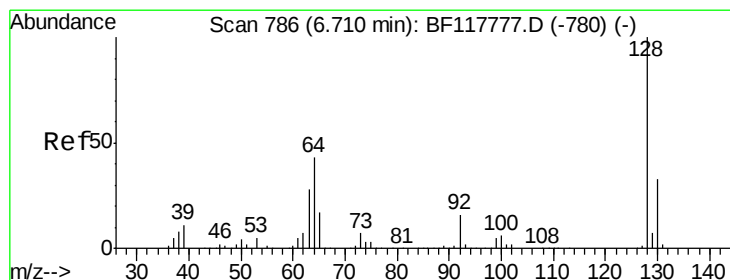
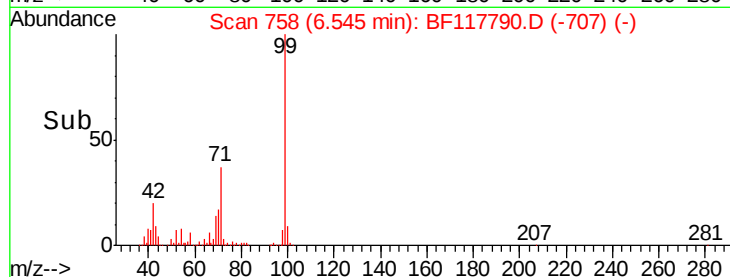
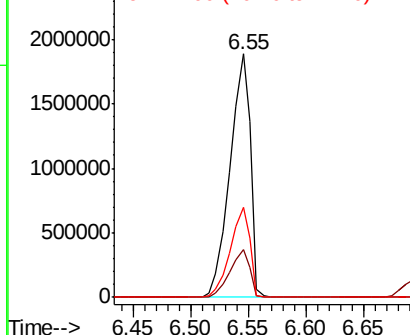
99 100

42 19.8 14.9 22.3

71 37.2 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: 11.691 ng

RT: 6.71 min Scan# 786

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

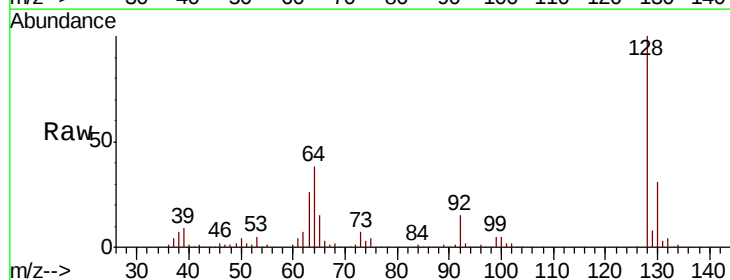
Tgt Ion:128 Resp: 180531

Ion Ratio Lower Upper

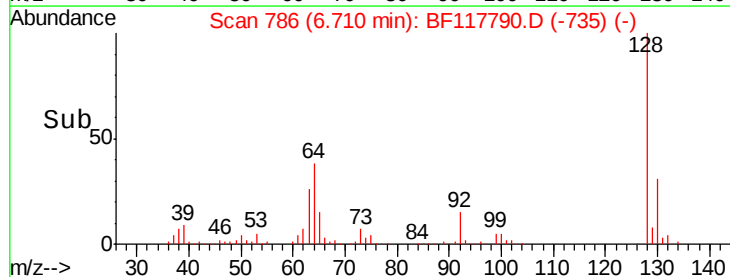
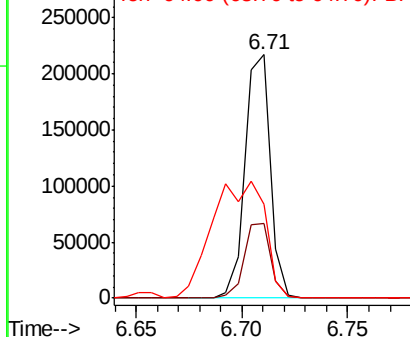
128 100

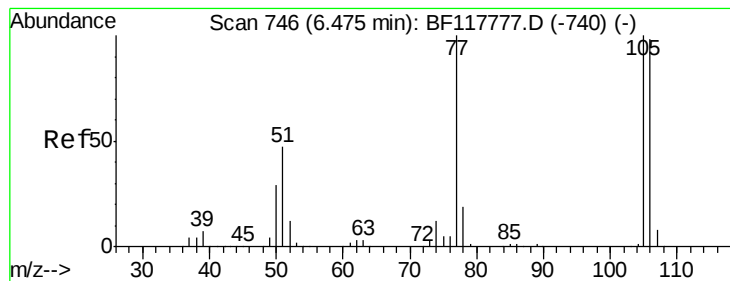
130 30.8 13.2 53.2

64 38.4 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: 13.839 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

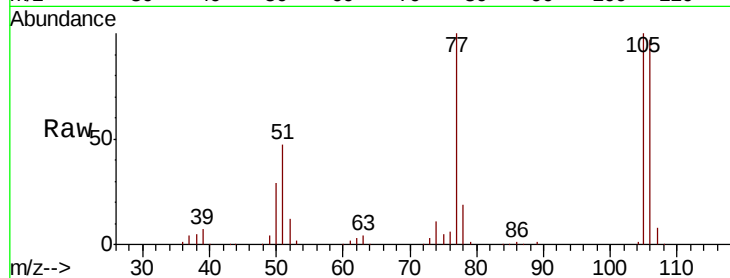
Tot Ion: 77 Resp: 148385

Ion Ratio Lower Upper

77 100

105 100.4 80.2 120.2

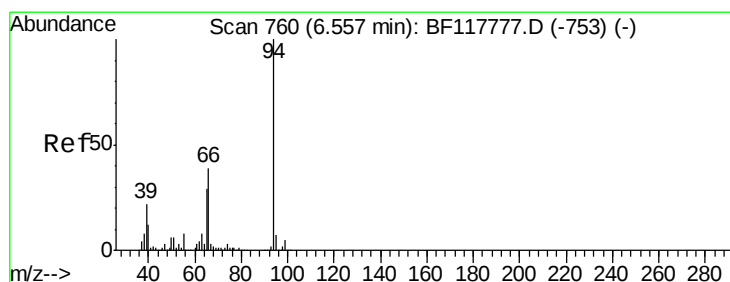
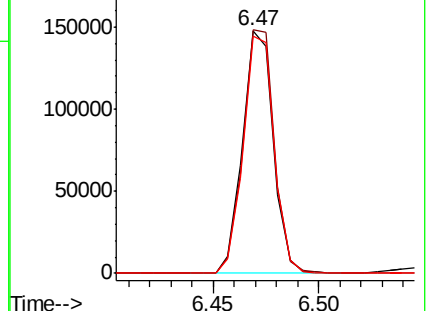
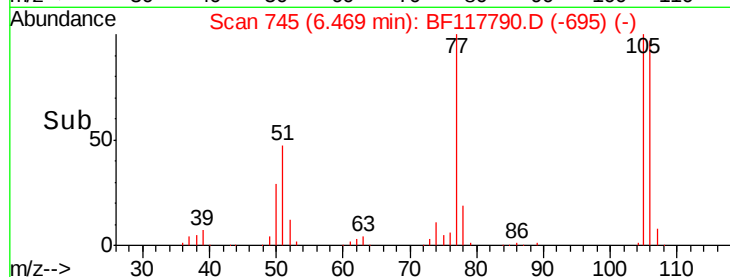
106 97.8 78.4 118.4



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 11.509 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

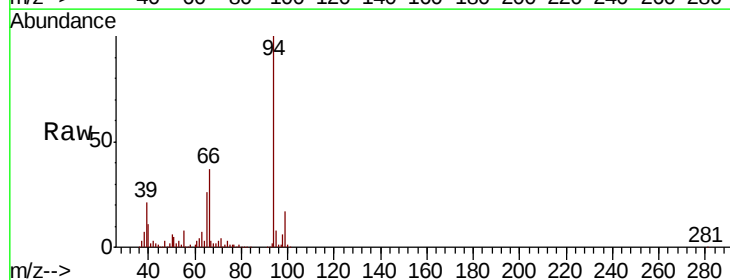
Tgt Ion: 94 Resp: 205291

Ion Ratio Lower Upper

94 100

65 26.2 8.9 48.9

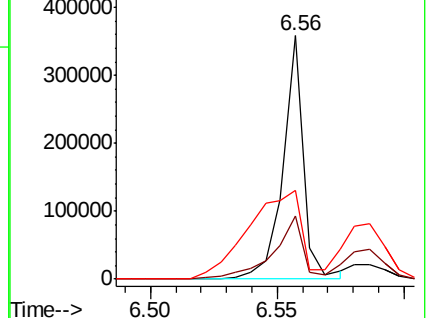
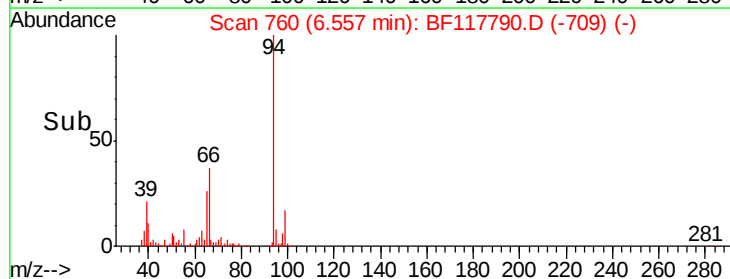
66 36.5 18.7 58.7

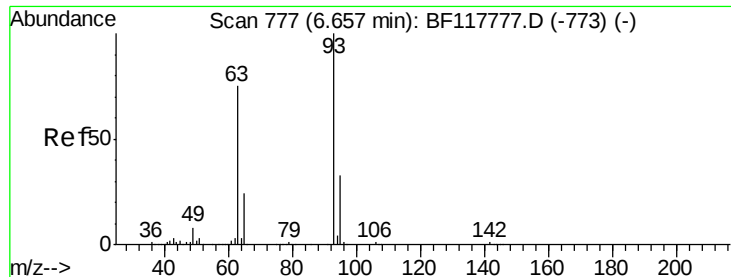


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

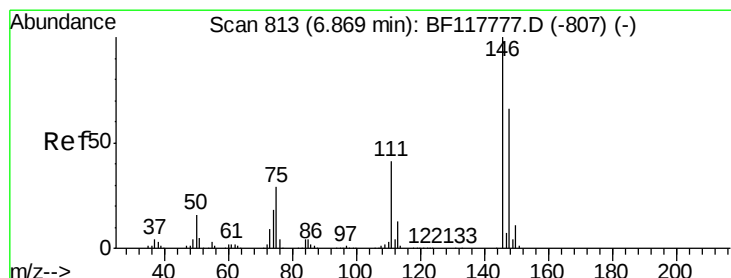
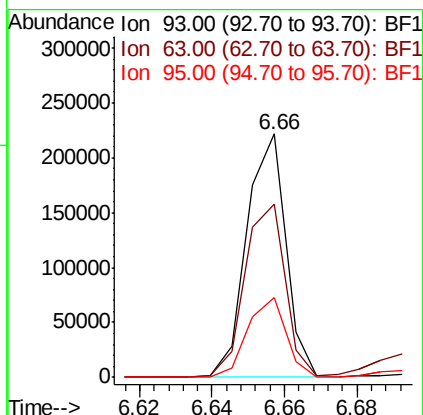
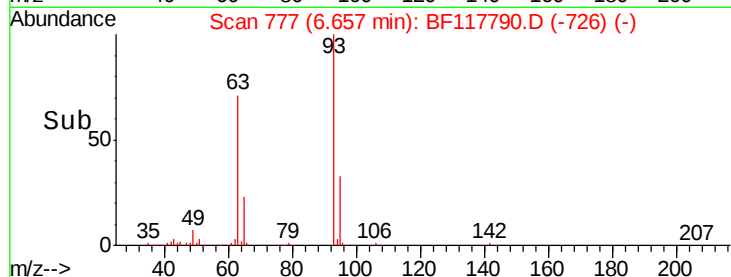
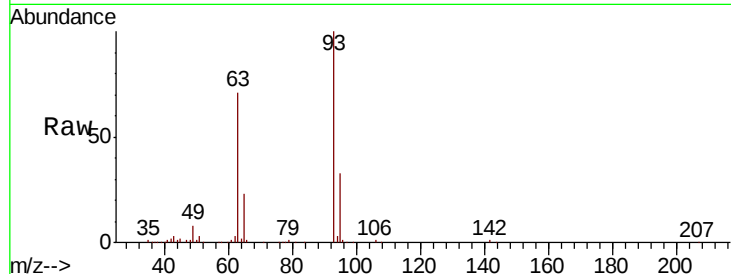




#11
bis(2-Chloroethyl)ether
Concen: 11.614 ng
RT: 6.66 min Scan# 777
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

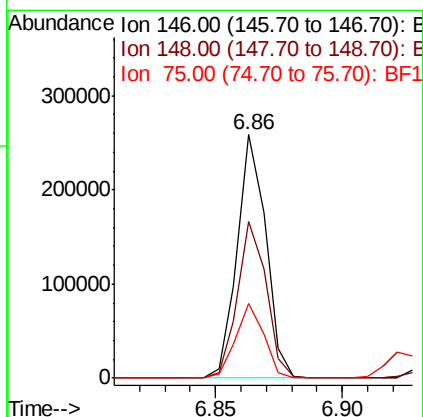
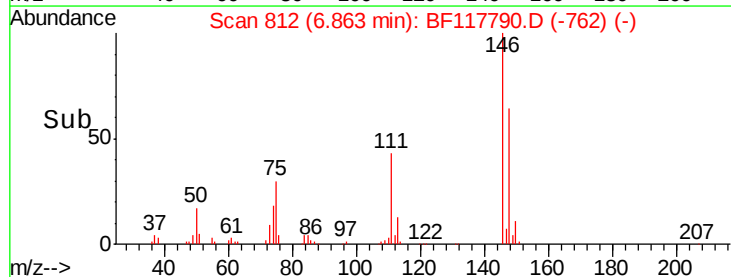
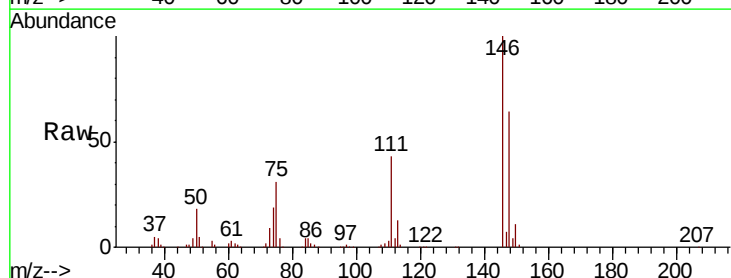
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

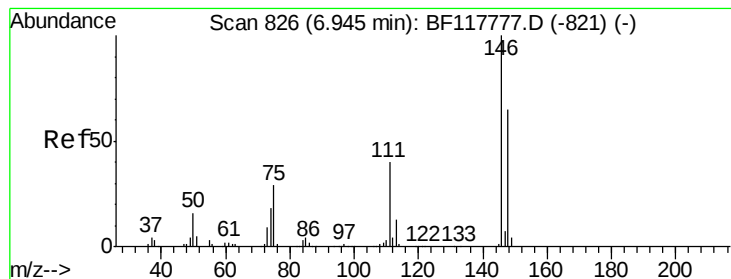
Tot Ion: 93 Resp: 166360
Ion Ratio Lower Upper
93 100
63 71.1 54.8 94.8
95 32.9 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 11.172 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 146 Resp: 203108
Ion Ratio Lower Upper
146 100
148 64.4 52.8 79.2
75 30.6 23.4 35.0





#13

1,4-Dichlorobenzene

Concen: 11.402 ng

RT: 6.94 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

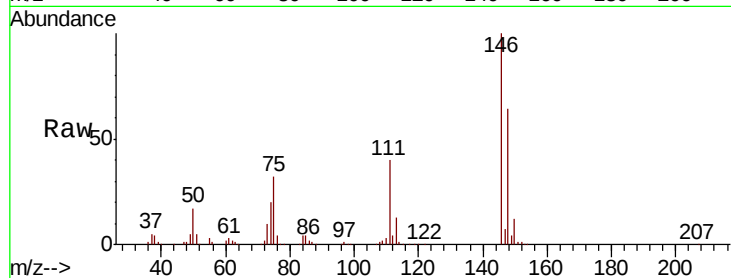
Tot Ion:146 Resp: 209519

Ion Ratio Lower Upper

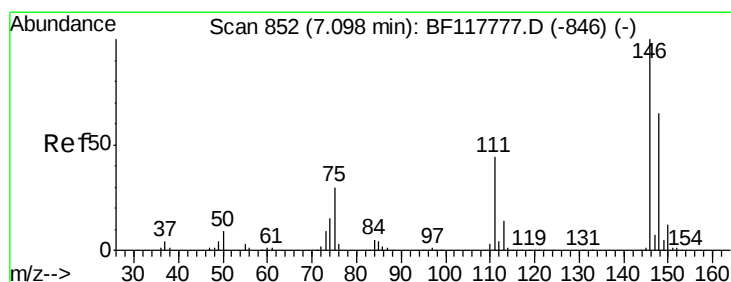
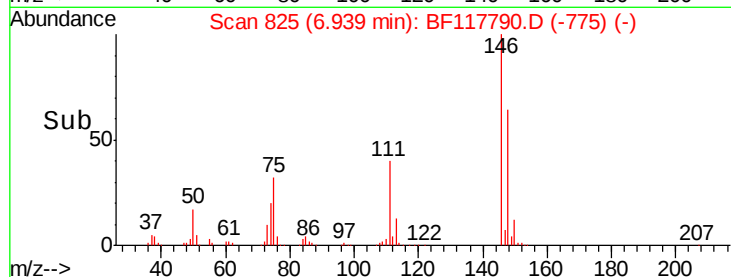
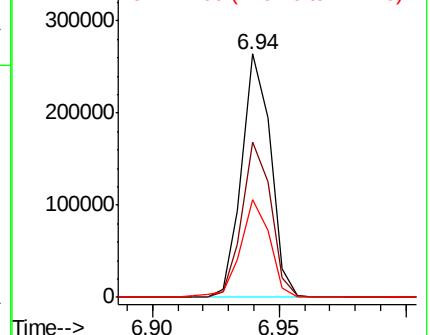
146 100

148 63.7 52.3 78.5

111 40.1 32.2 48.4



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



#14

1,2-Dichlorobenzene

Concen: 11.229 ng

RT: 7.10 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

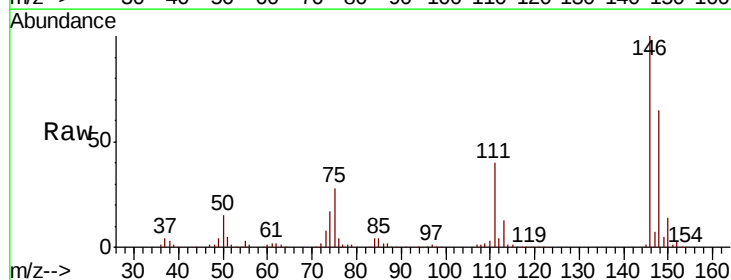
Tgt Ion:146 Resp: 197338

Ion Ratio Lower Upper

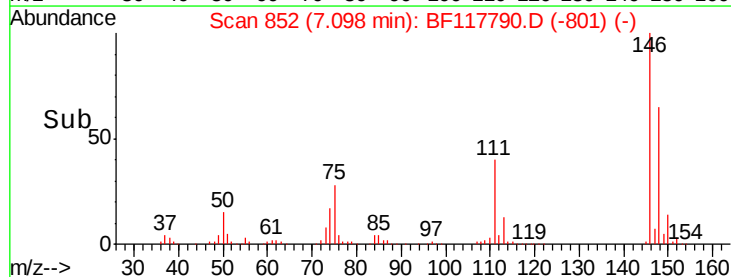
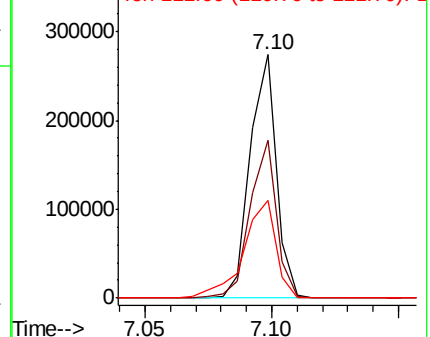
146 100

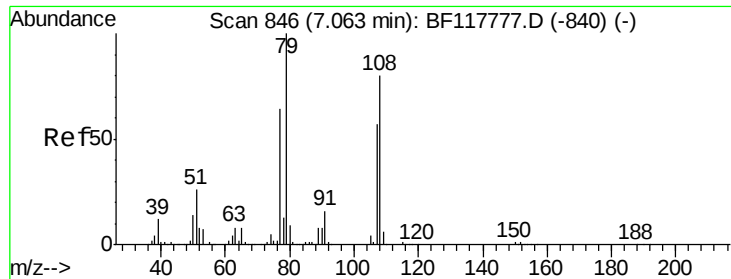
148 64.7 51.8 77.8

111 40.2 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: 10.472 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

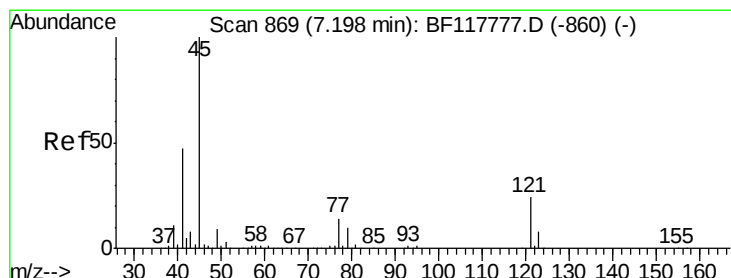
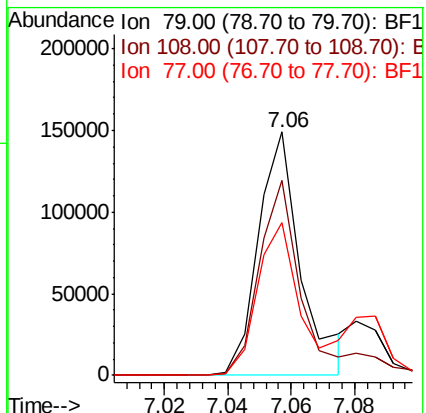
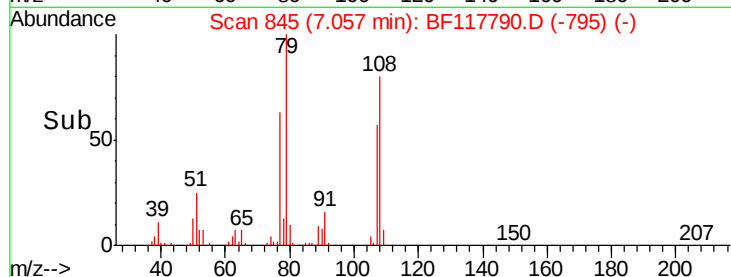
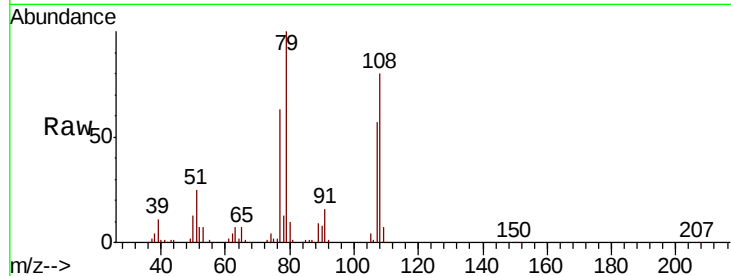
Tot Ion: 79 Resp: 138770

Ion Ratio Lower Upper

79 100

108 80.0 64.1 96.1

77 62.8 51.3 76.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 10.954 ng

RT: 7.20 min Scan# 869

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

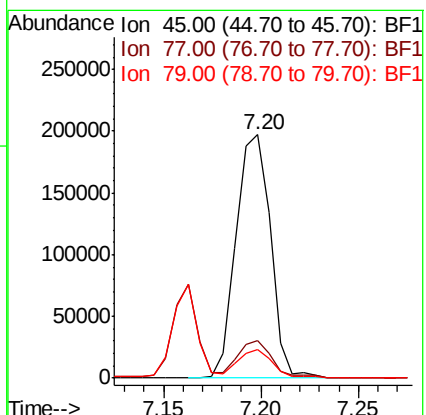
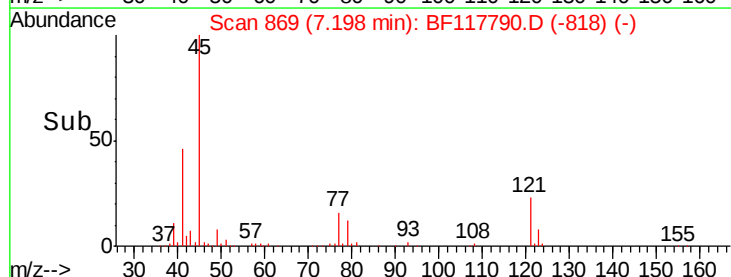
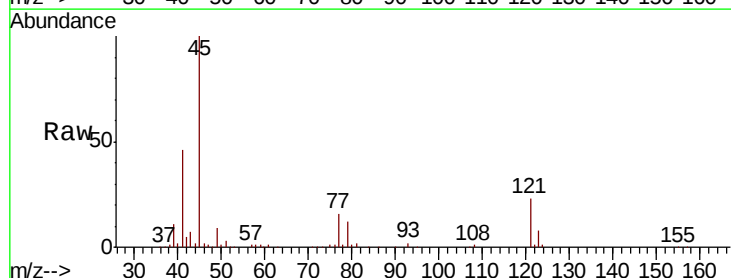
Tgt Ion: 45 Resp: 241561

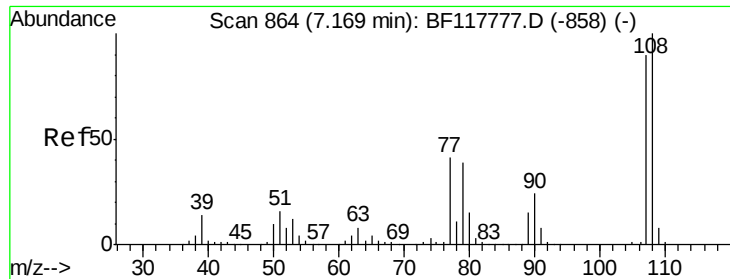
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.0

79 11.7 0.0 31.1

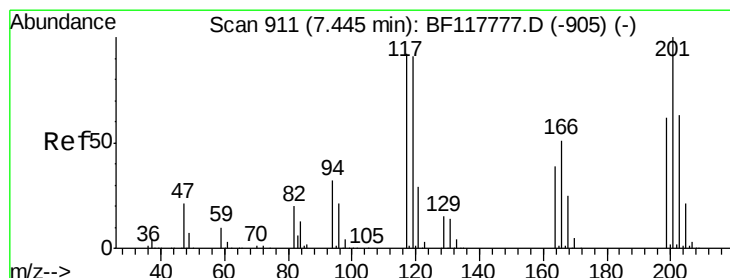
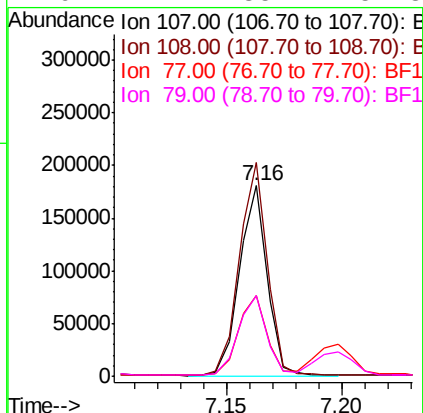
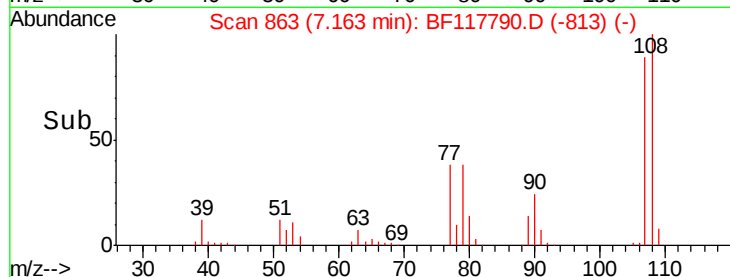
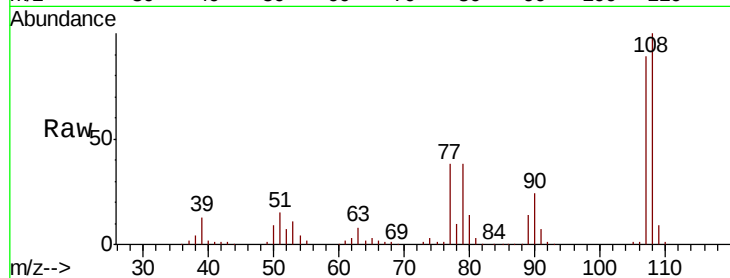




#17
2-Methylphenol
Concen: 11.466 ng
RT: 7.16 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

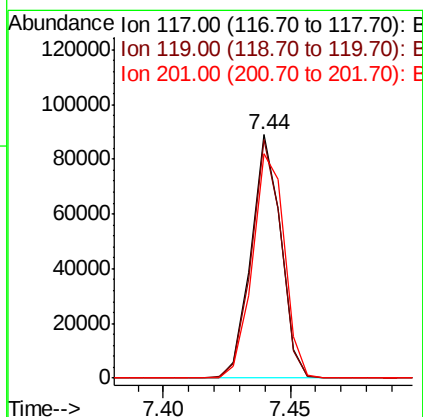
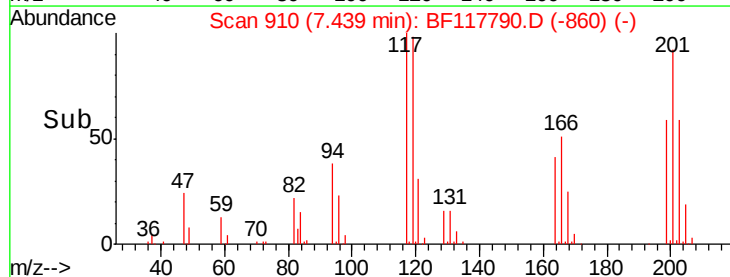
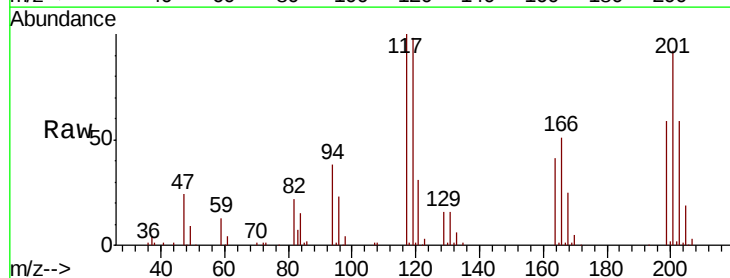
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

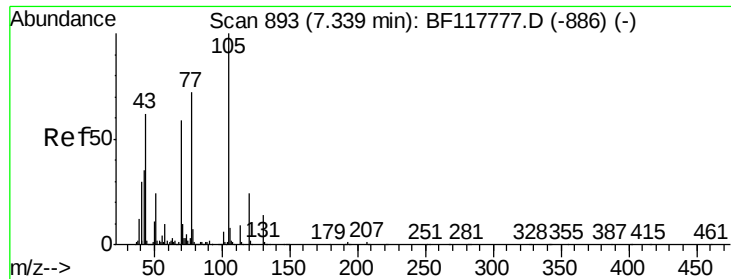
Tot Ion:	107	Resp:	149943
Ion	Ratio	Lower	Upper
107	100		
108	112.3	89.1	133.7
77	42.3	36.6	54.8
79	42.2	35.2	52.8



#18
Hexachloroethane
Concen: 10.803 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:	117	Resp:	72924
Ion	Ratio	Lower	Upper
117	100		
119	97.7	78.7	118.1
201	91.9	86.5	129.7

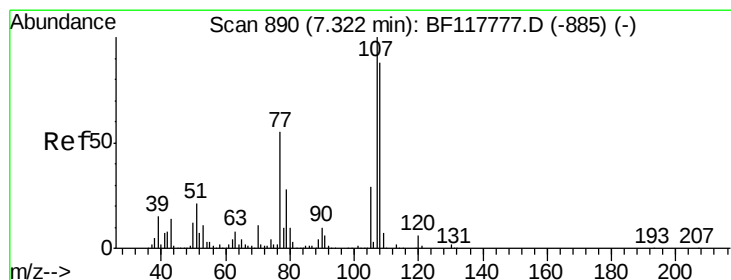
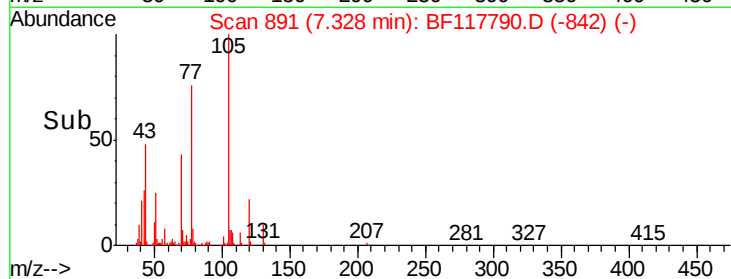
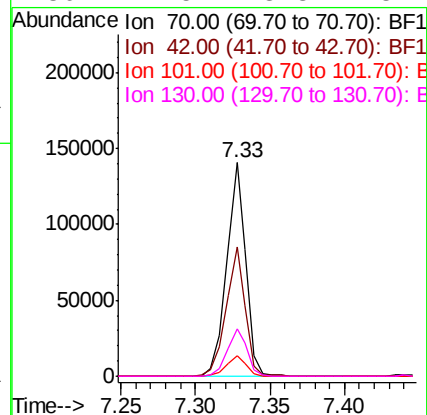
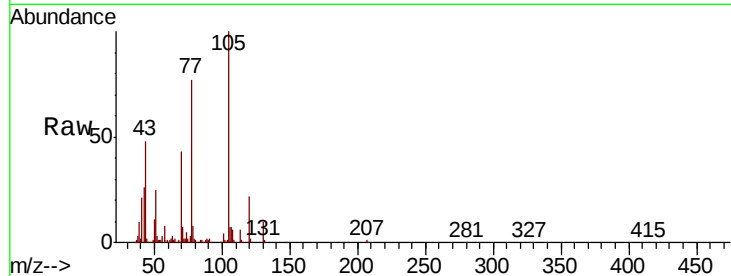




#19
n-Nitroso-di-n-propylamine
Concen: 12.001 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

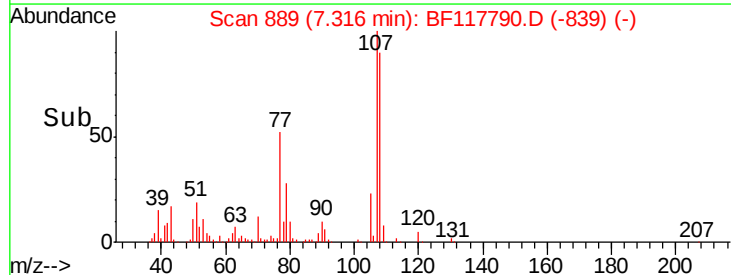
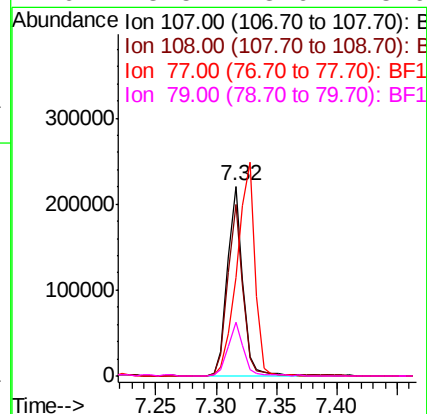
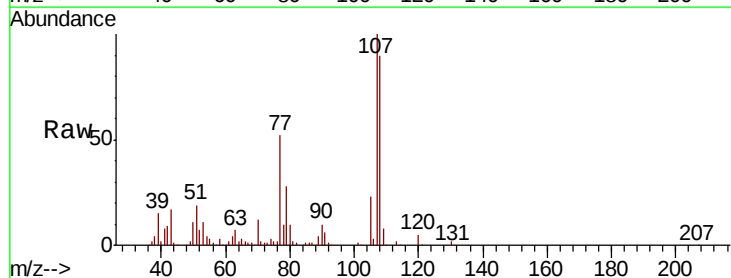
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

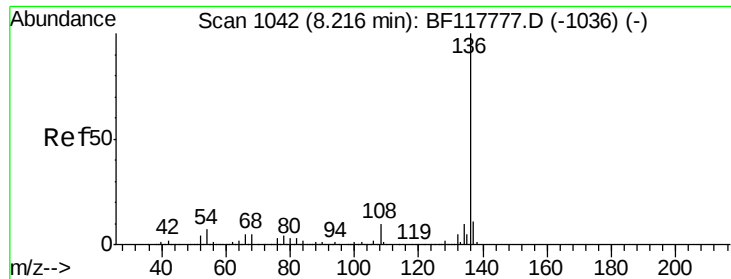
Tot Ion:	70	Resp:	127082
Ion	Ratio	Lower	Upper
70	100		
42	60.7	47.4	71.2
101	9.7	8.4	12.6
130	22.5	18.8	28.2



#20
3+4-Methylphenols
Concen: 11.962 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:	107	Resp:	194179
Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.4	108.4
77	51.8	35.2	75.2
79	28.5	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: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

Tot Ion:136 Resp: 988568

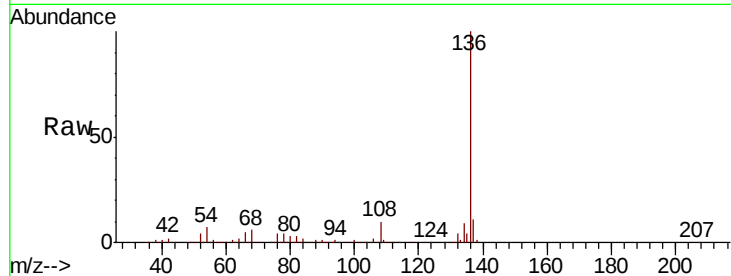
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.5 5.4 8.2

68 5.6 4.3 6.5

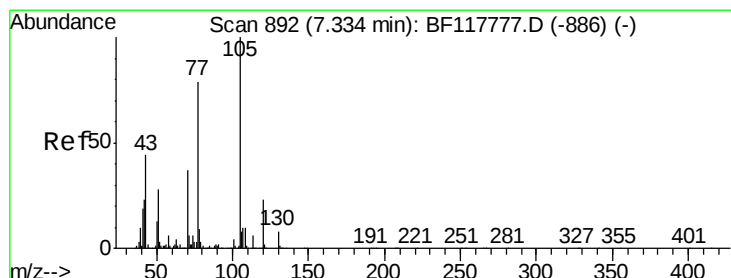
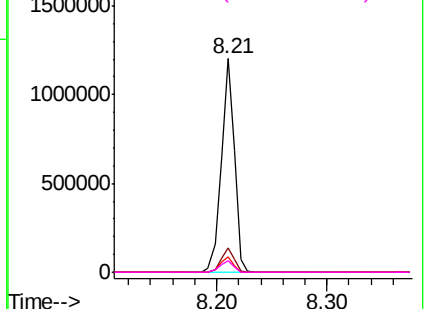
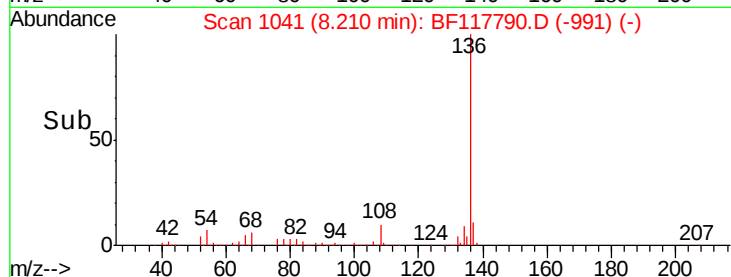


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 11.712 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Tgt Ion:105 Resp: 260132

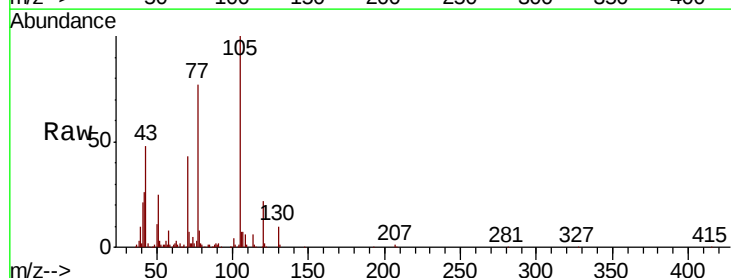
Ion Ratio Lower Upper

105 100

71 7.3 4.9 7.3#

51 25.5 22.7 34.1

120 22.2 18.5 27.7

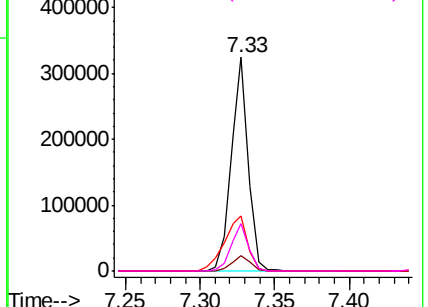
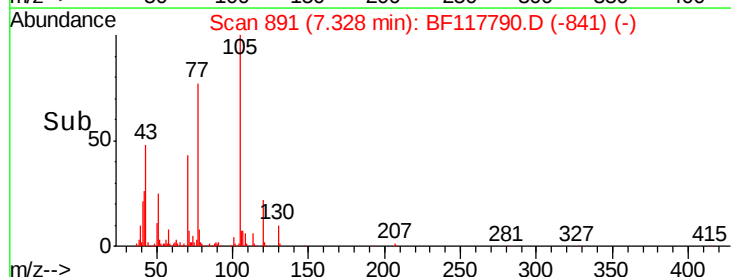


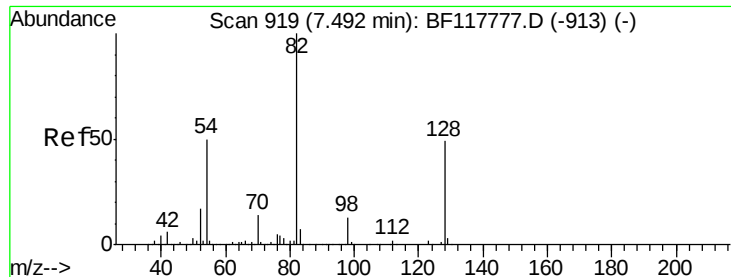
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

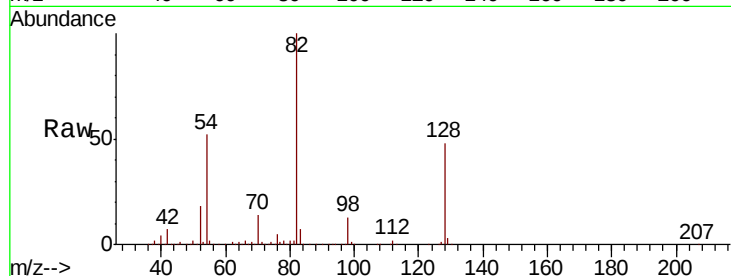




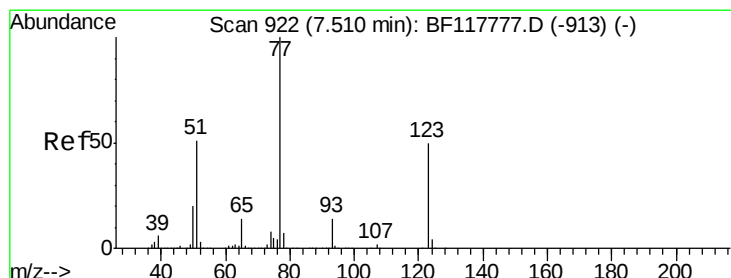
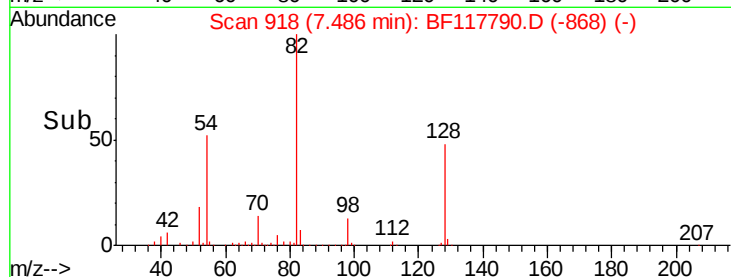
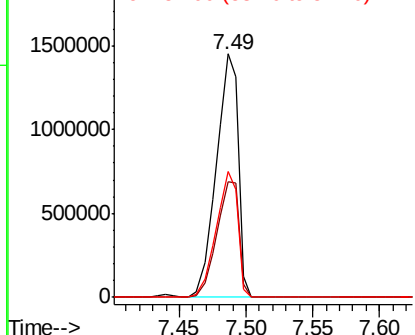
#23
Nitrobenzene-d5
Concen: 100.712 ng
RT: 7.49 min Scan# 918
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion: 82 Resp: 1674807
Ion Ratio Lower Upper
82 100
128 47.5 38.9 58.3
54 51.9 39.8 59.6

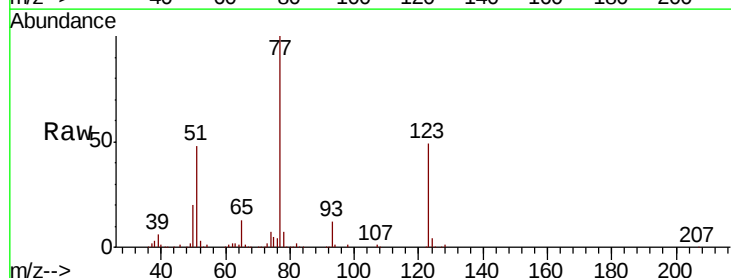


Abundance Ion 82.00 (81.70 to 82.70): BF1
2000000 Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

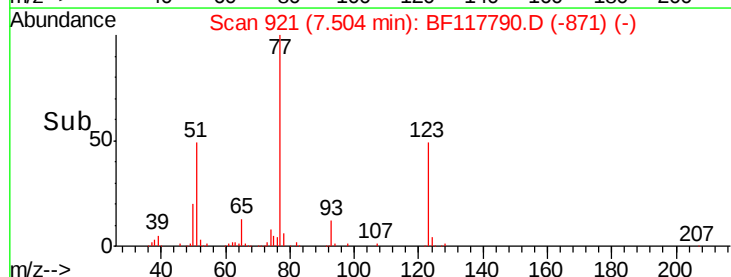
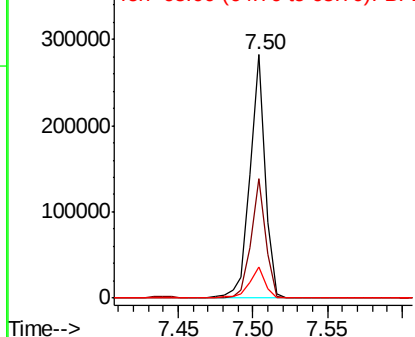


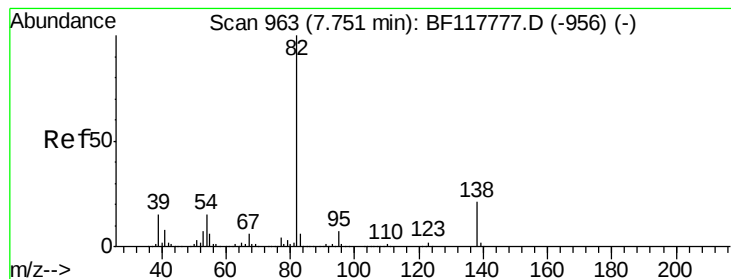
#24
Nitrobenzene
Concen: 11.521 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion: 77 Resp: 197645
Ion Ratio Lower Upper
77 100
123 49.2 40.3 60.5
65 12.8 10.9 16.3



Abundance Ion 77.00 (76.70 to 77.70): BF1
300000 Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 11.299 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

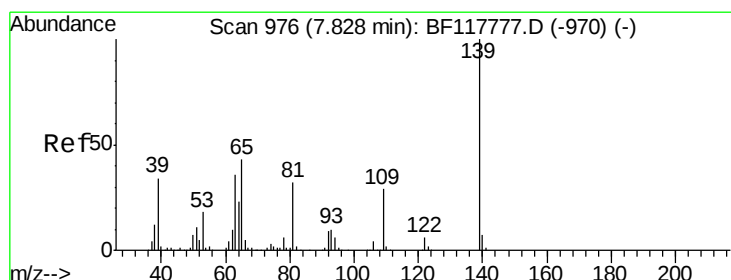
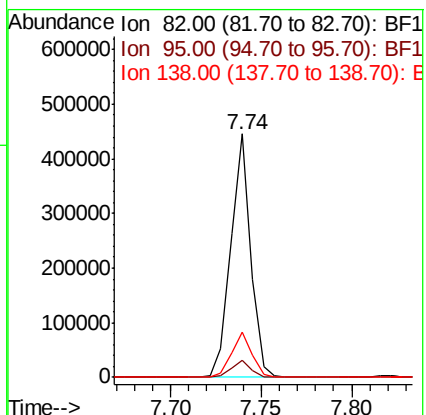
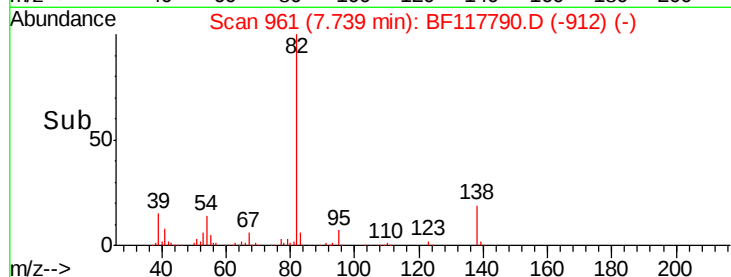
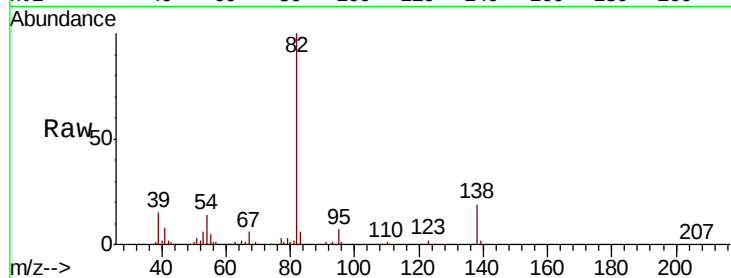
Tot Ion: 82 Resp: 344377

Ion Ratio Lower Upper

82 100

95 7.0 5.8 8.8

138 18.8 16.5 24.7



#26

2-Nitrophenol

Concen: 10.782 ng

RT: 7.82 min Scan# 975

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

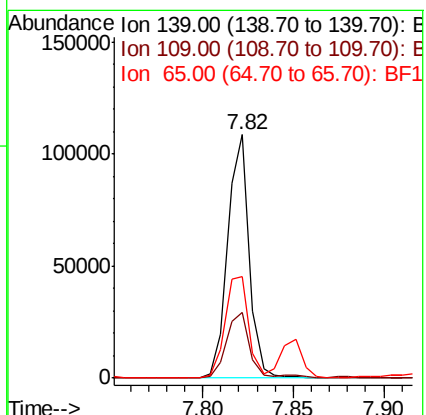
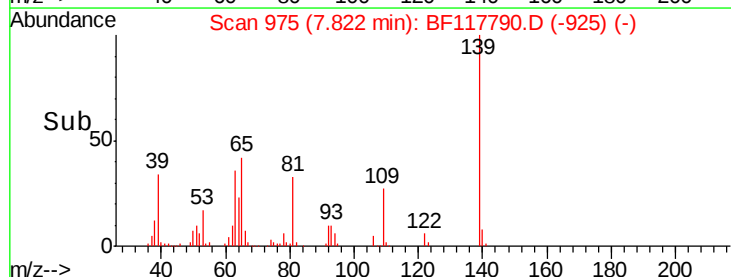
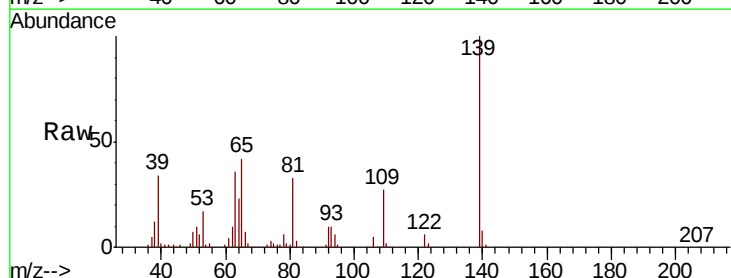
Tgt Ion: 139 Resp: 90032

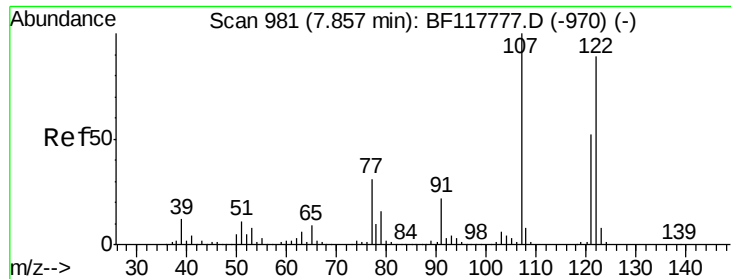
Ion Ratio Lower Upper

139 100

109 27.0 23.0 34.4

65 41.6 34.7 52.1





#27

2,4-Dimethylphenol

Concen: 12.071 ng

RT: 7.85 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

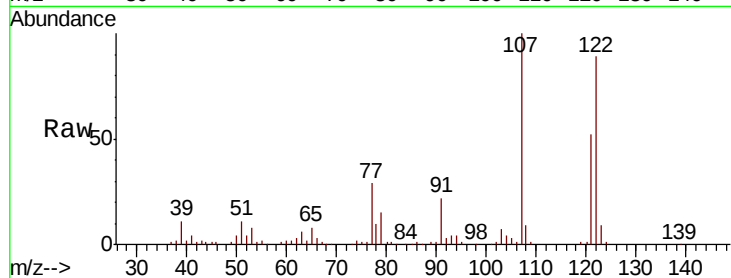
Tot Ion:122 Resp: 156628

Ion Ratio Lower Upper

122 100

107 111.9 90.0 135.0

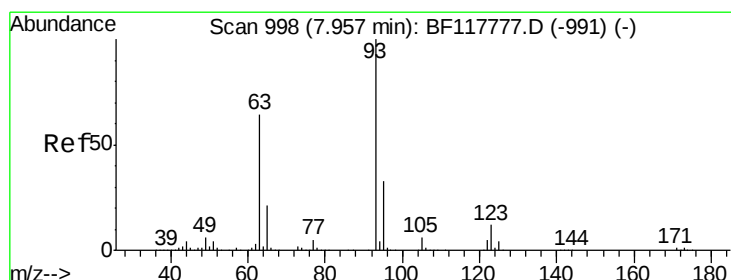
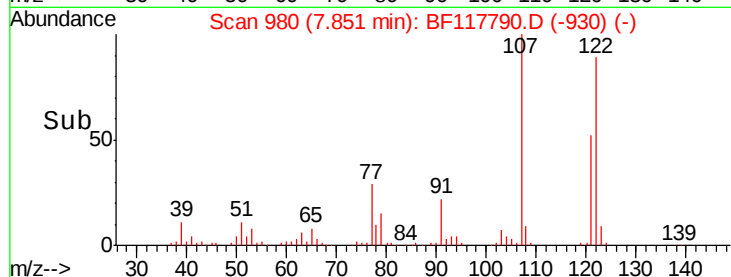
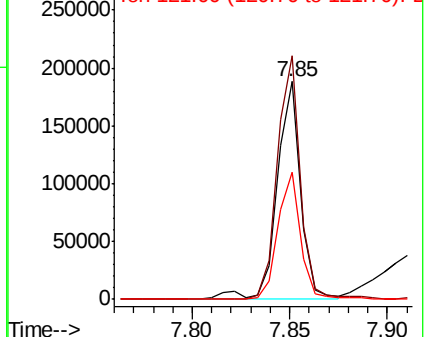
121 58.5 46.7 70.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 11.076 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

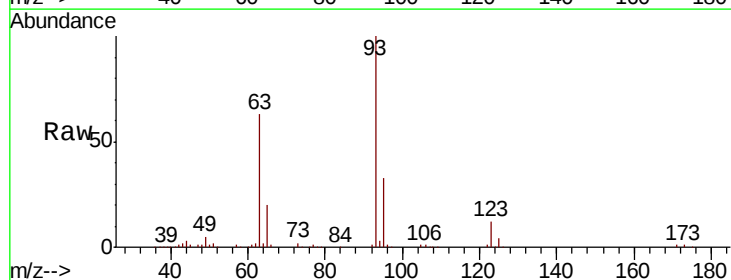
Tgt Ion: 93 Resp: 214235

Ion Ratio Lower Upper

93 100

95 33.3 26.6 40.0

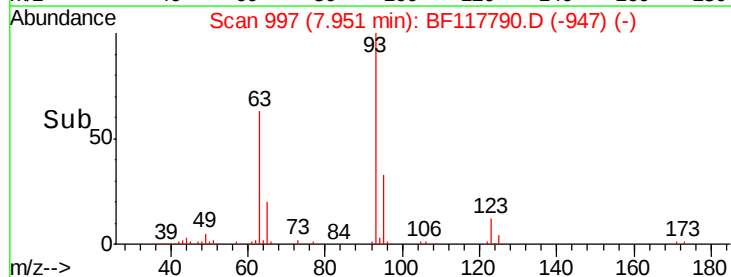
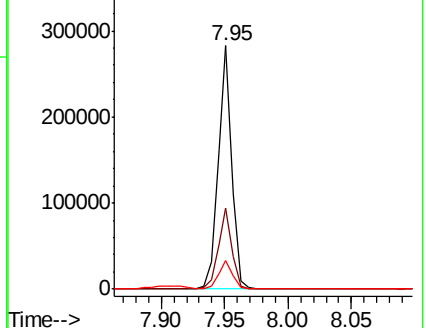
123 11.6 10.3 15.5

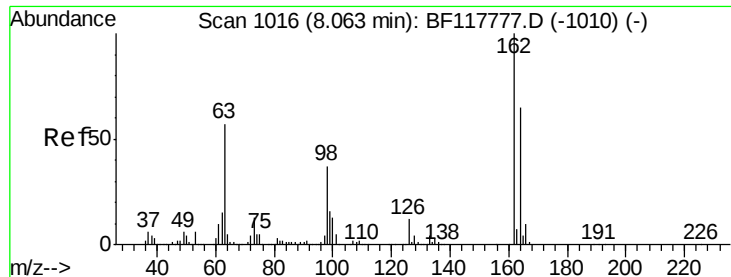


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

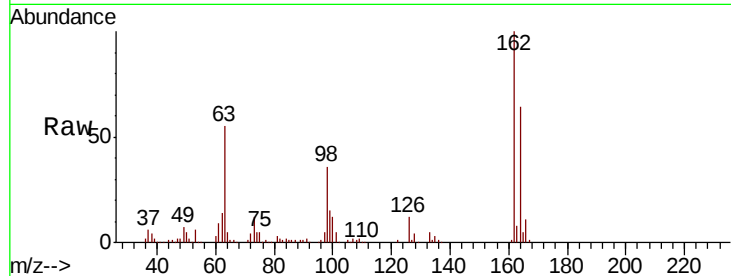




#29
2,4-Dichlorophenol
Concen: 10.788 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	45.1	85.1
98	36.0	17.2	57.2

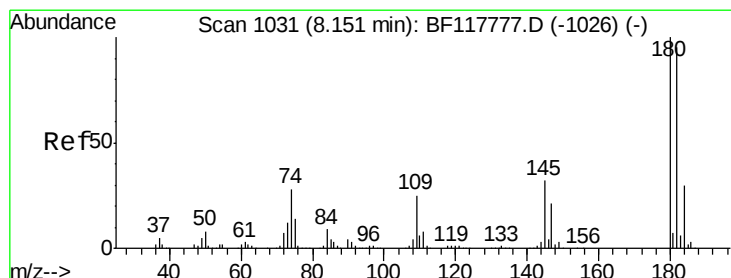
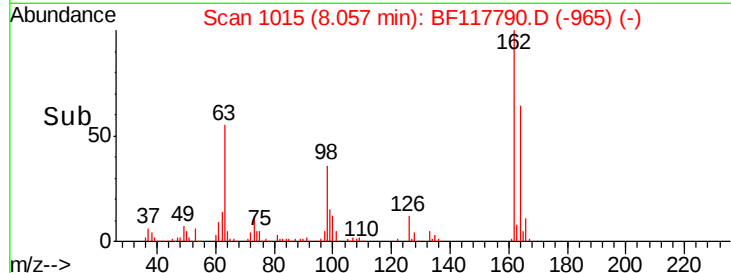
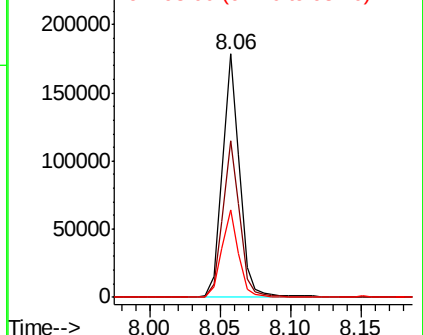


Abundance

Ion 162.00 (161.70 to 162.70): E

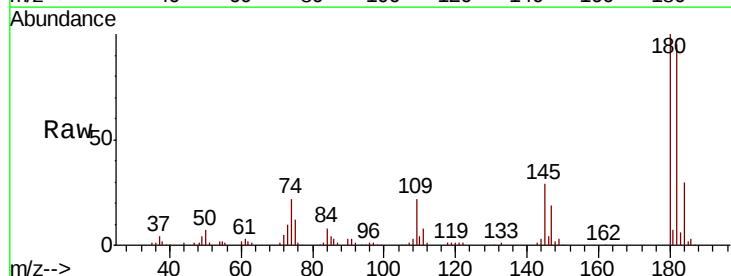
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 10.767 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	75.8	113.6
145	29.3	25.5	38.3

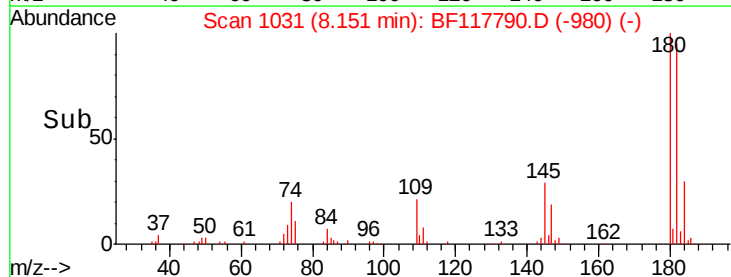
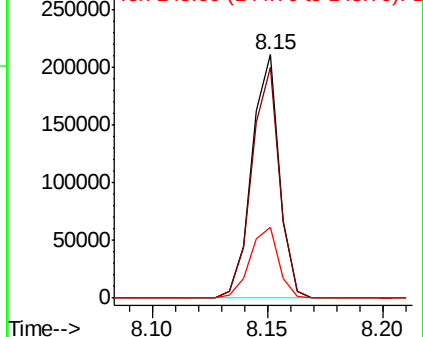


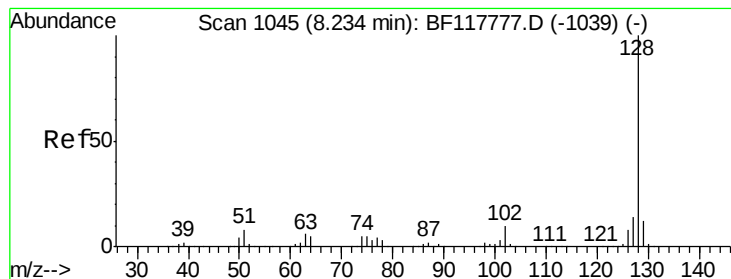
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 12.145 ng

RT: 8.23 min Scan# 1045

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

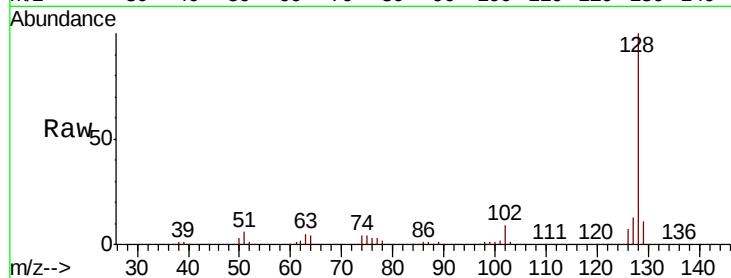
Tot Ion:128 Resp: 559725

Ion Ratio Lower Upper

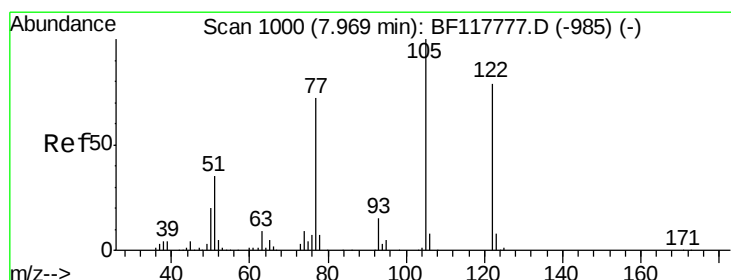
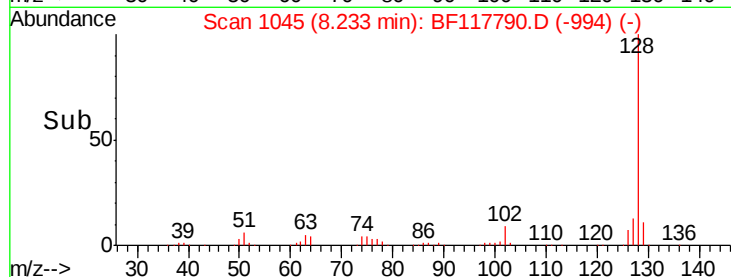
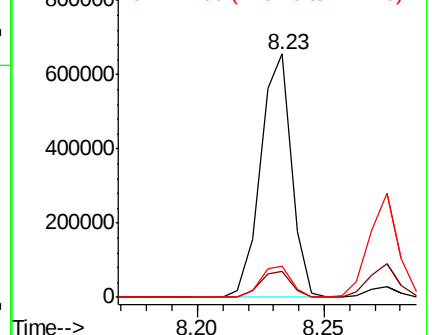
128 100

129 10.6 9.5 14.3

127 12.9 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: 6.284 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.05 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

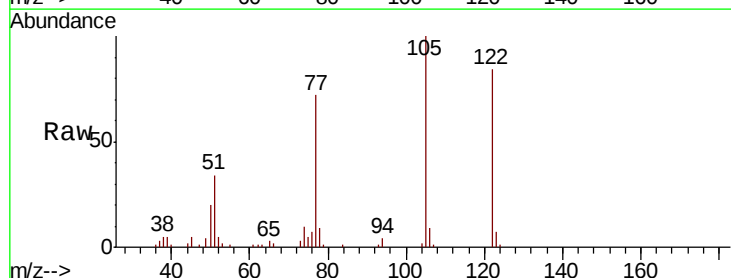
Tgt Ion:122 Resp: 68266

Ion Ratio Lower Upper

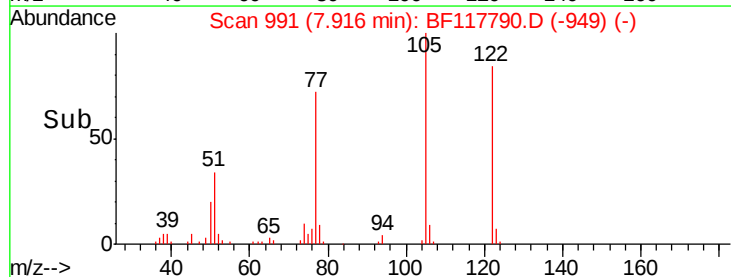
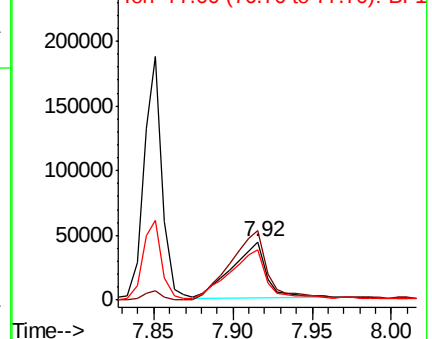
122 100

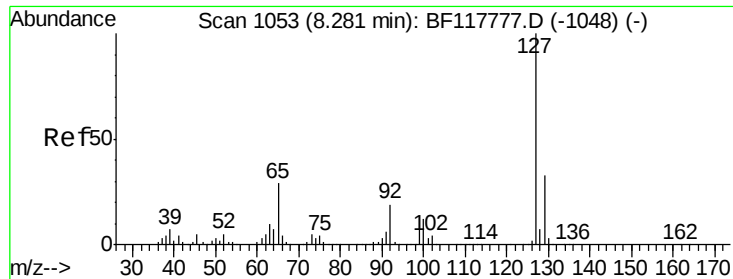
105 118.8 102.7 142.7

77 86.1 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

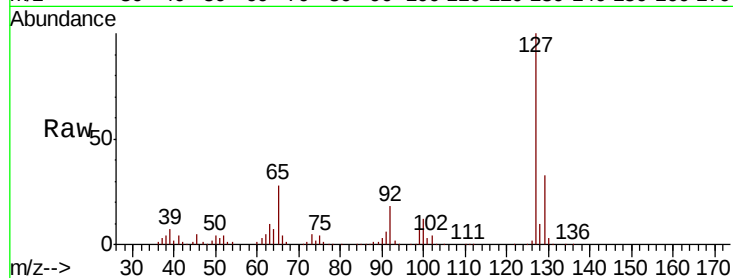




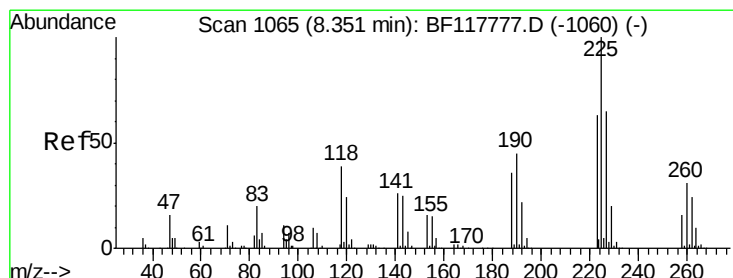
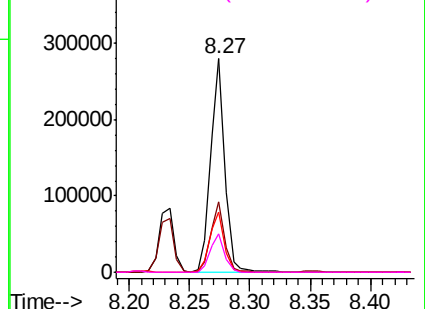
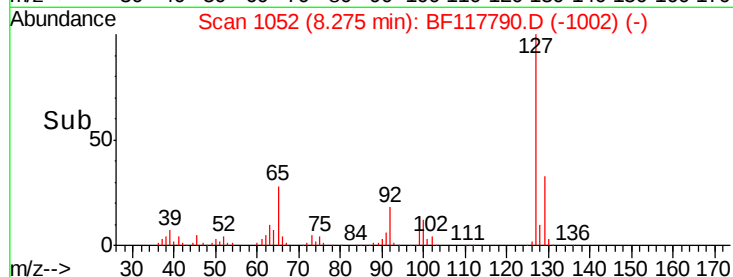
#33
4-Chloroaniline
Concen: 10.982 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:	127	Resp:	226575
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.5	39.7
65	28.1	22.9	34.3
92	18.1	15.0	22.6

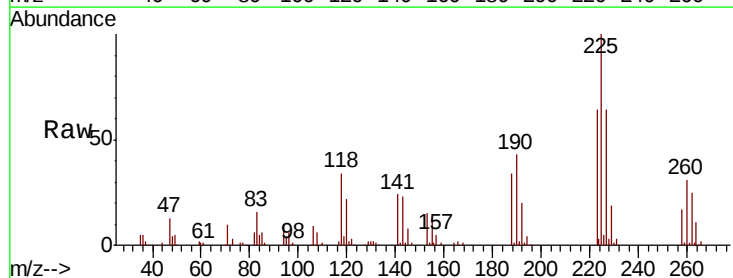


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

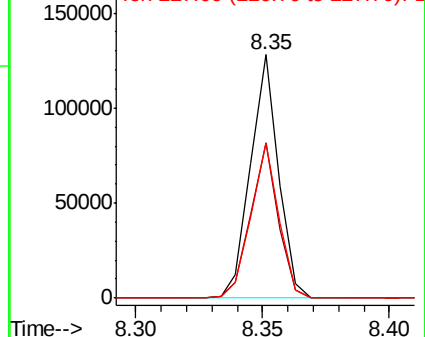
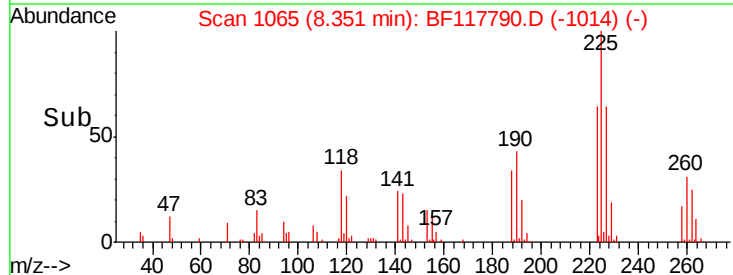


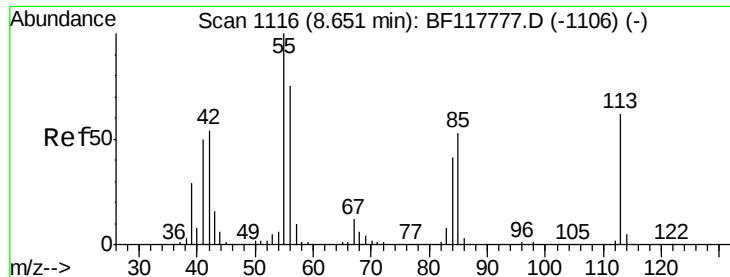
#34
Hexachlorobutadiene
Concen: 10.331 ng
RT: 8.35 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:	225	Resp:	98607
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.0	75.0
227	63.9	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

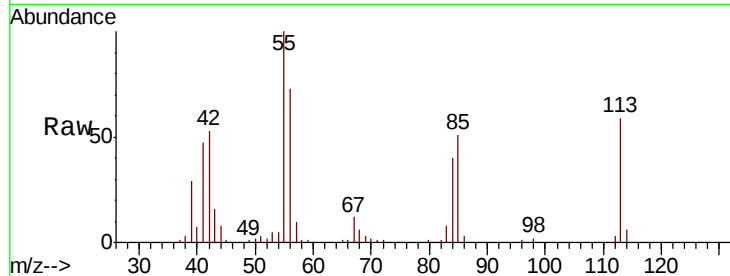




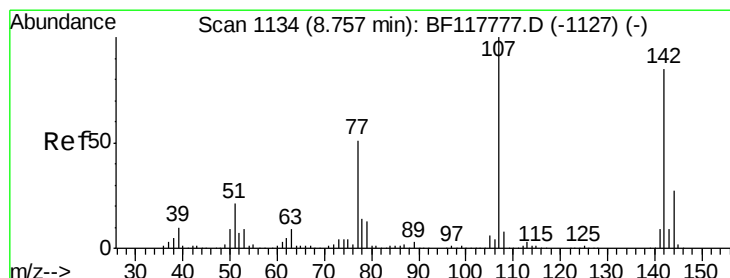
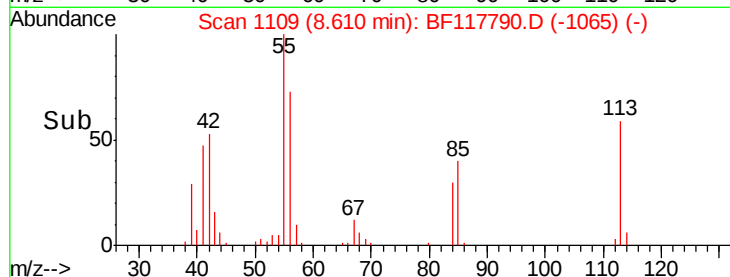
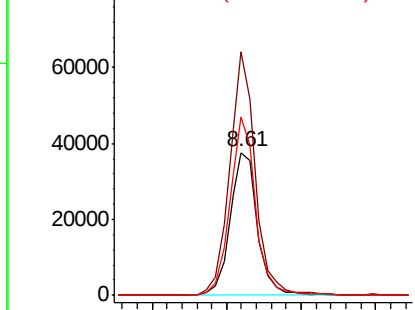
#35
Caprolactam
Concen: 10.681 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.04 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:113 Resp: 47779
Ion Ratio Lower Upper
113 100
55 170.7 141.1 181.1
56 124.7 100.5 140.5

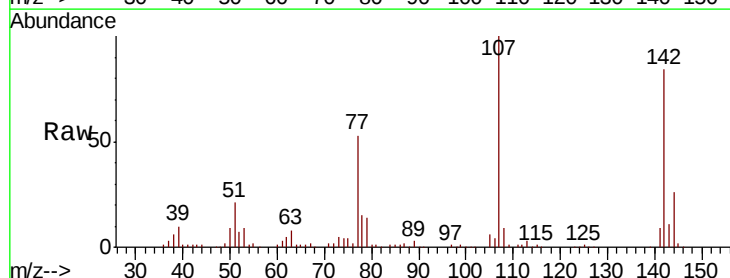


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

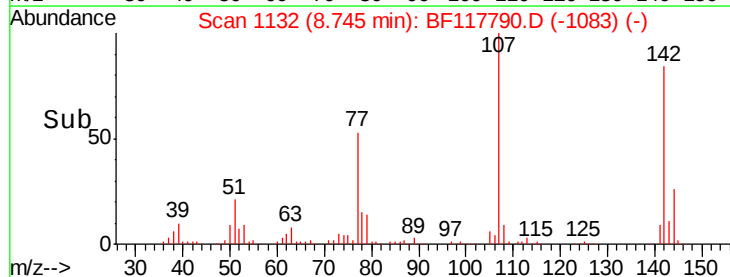
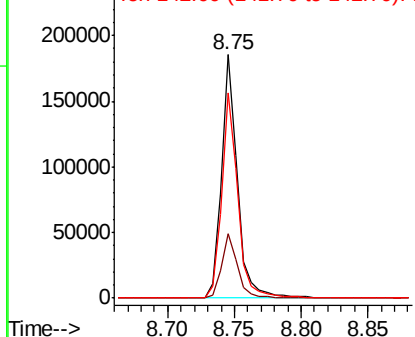


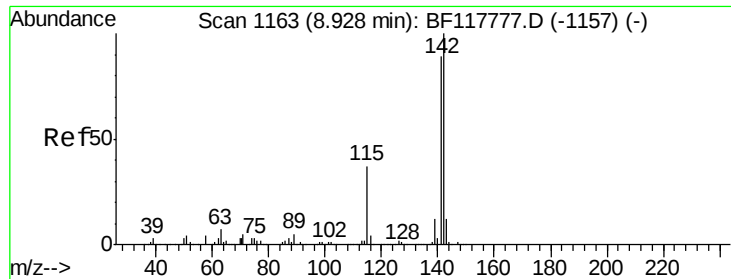
#36
4-Chloro-3-methylphenol
Concen: 10.976 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:107 Resp: 156771
Ion Ratio Lower Upper
107 100
144 26.2 21.9 32.9
142 84.3 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

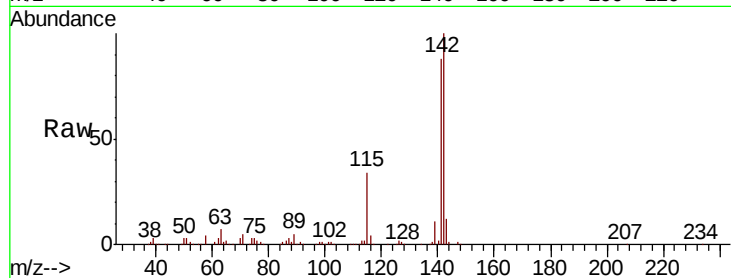




#37
2-Methylnaphthalene
Concen: 12.388 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7
115	34.3	29.2	43.8

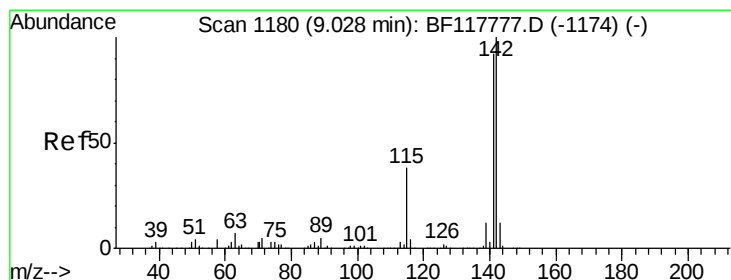
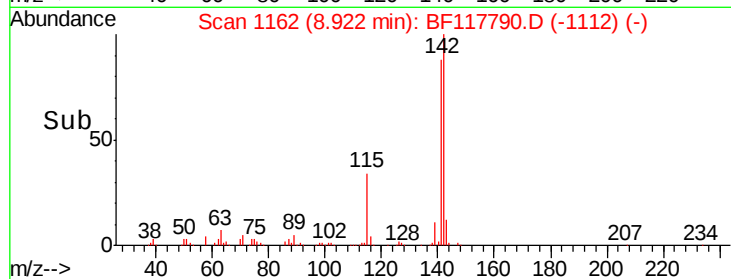
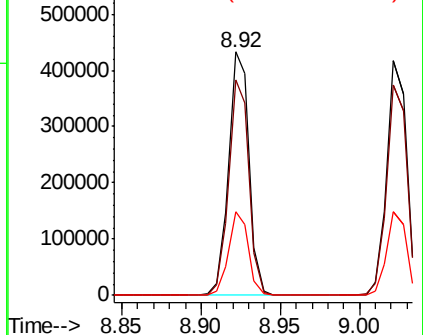


Abundance

Ion 142.00 (141.70 to 142.70): E

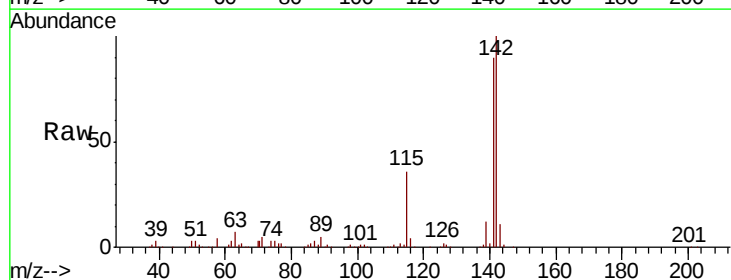
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 12.282 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.0	73.5	110.3
116	3.7	3.2	4.8

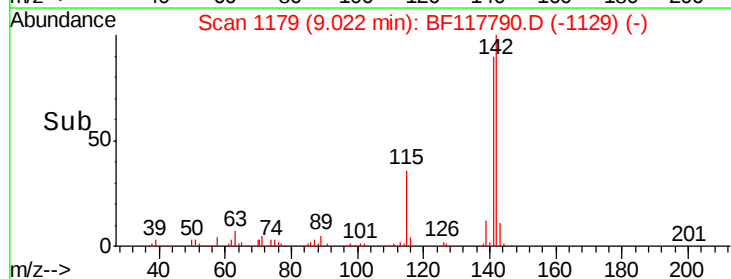
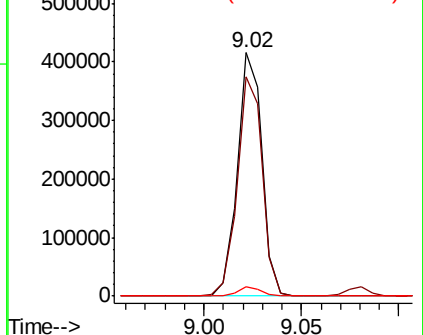


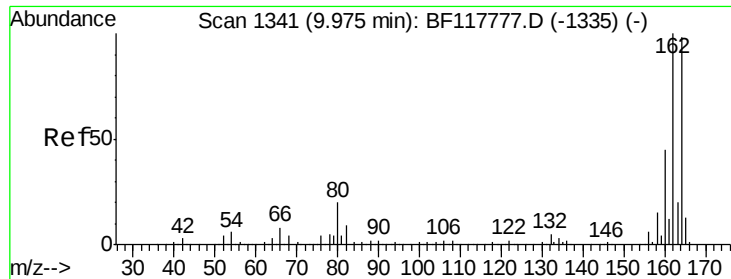
Abundance

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

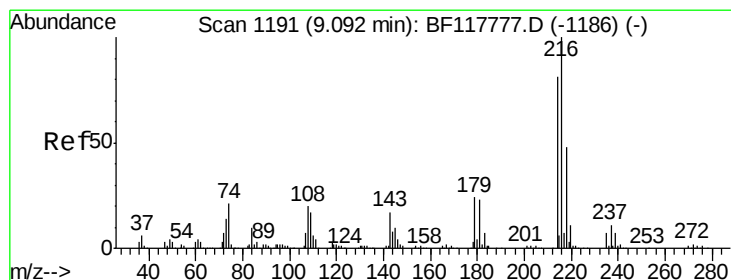
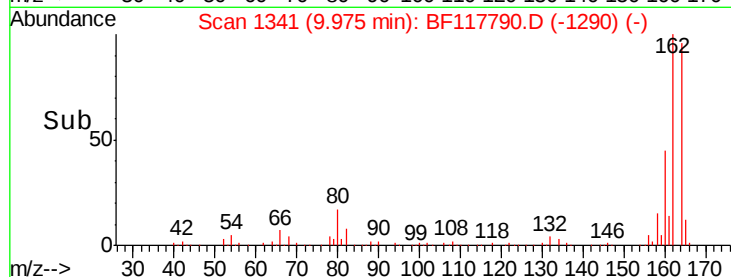
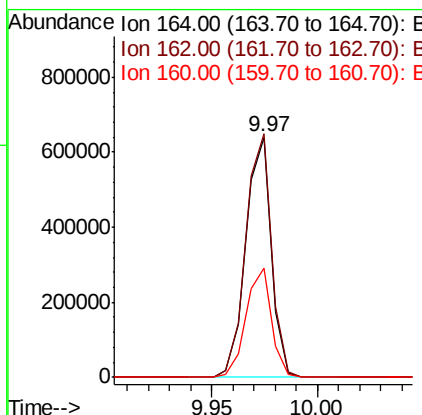
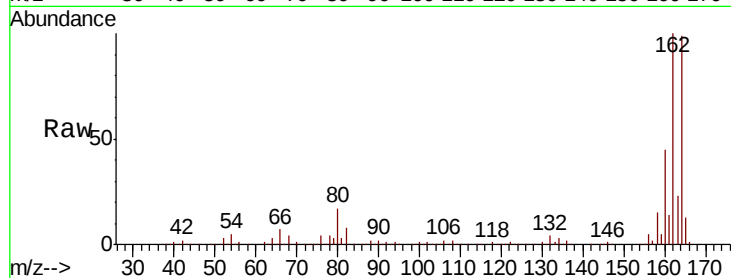




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

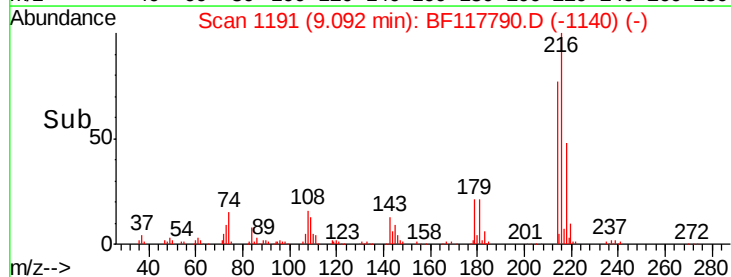
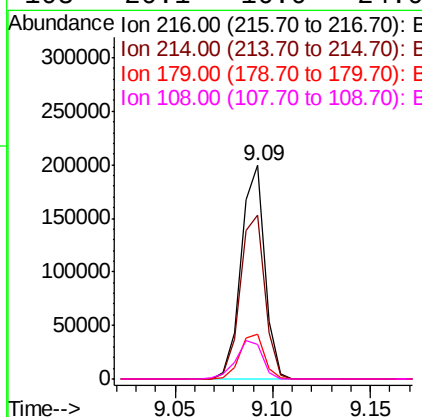
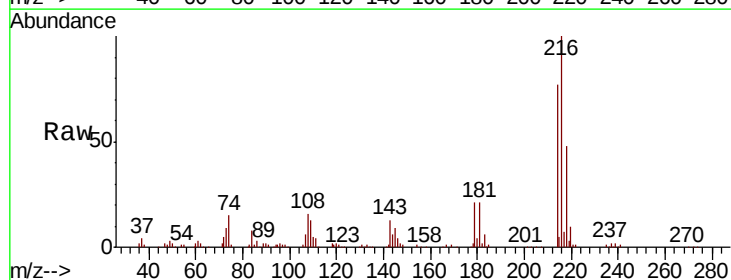
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

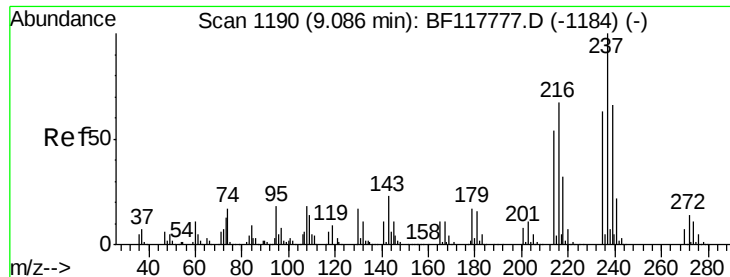
Tot Ion:164 Resp: 535052
Ion Ratio Lower Upper
164 100
162 101.3 81.3 121.9
160 45.5 36.6 55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.814 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:216 Resp: 168040
Ion Ratio Lower Upper
216 100
214 79.8 63.4 95.0
179 21.9 18.2 27.4
108 20.1 16.0 24.0





#41

Hexachlorocyclopentadiene

Concen: 10.853 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

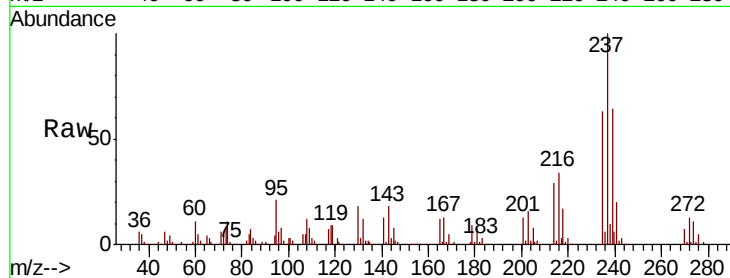
Tot Ion:237 Resp: 94502

Ion Ratio Lower Upper

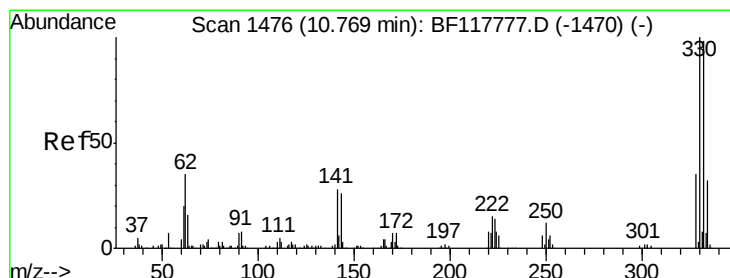
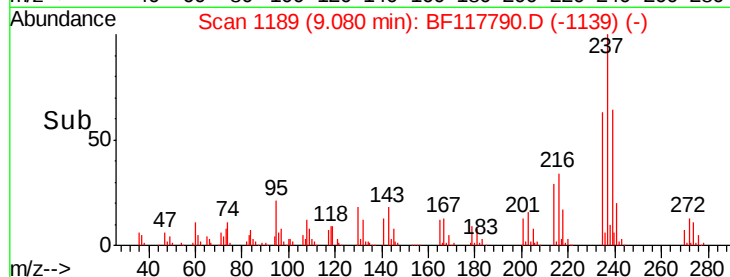
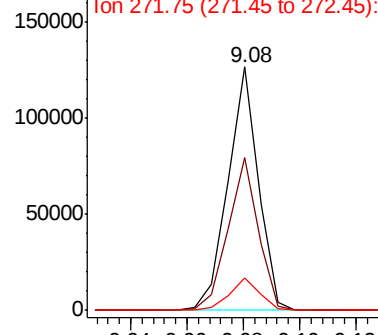
237 100

235 62.7 42.6 82.6

272 13.5 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: 135.558 ng

RT: 10.77 min Scan# 1476

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

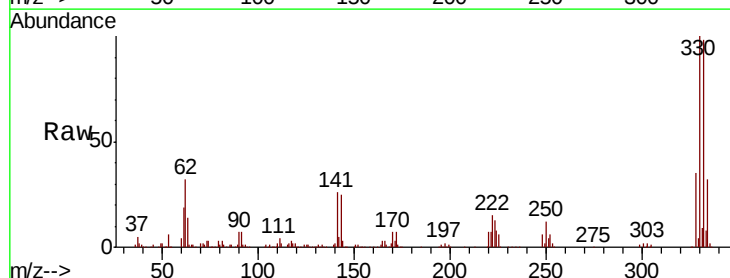
Tgt Ion:330 Resp: 767872

Ion Ratio Lower Upper

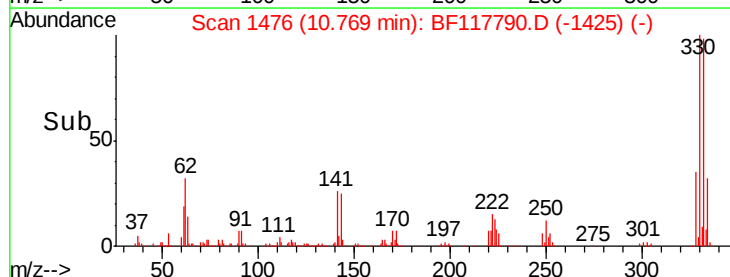
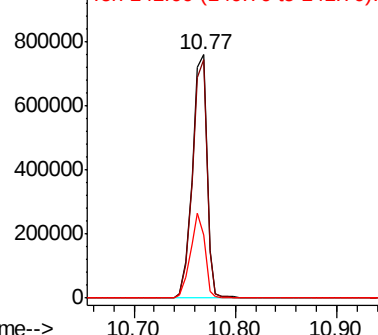
330 100

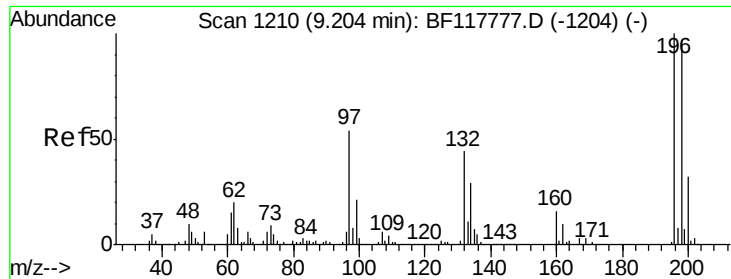
332 97.0 76.7 115.1

141 34.1 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

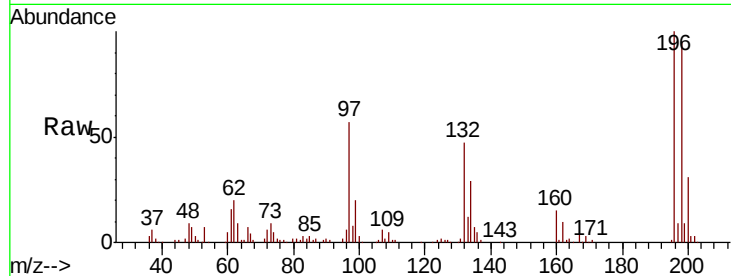




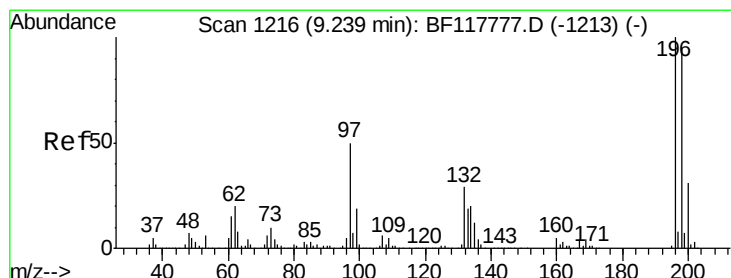
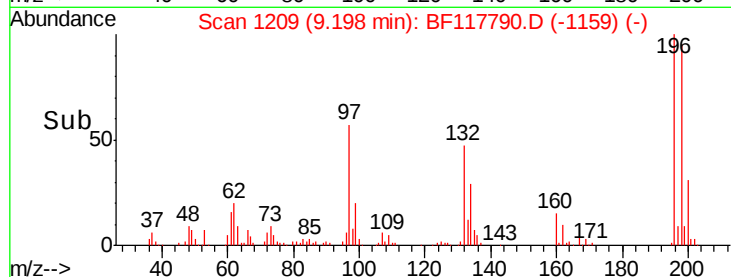
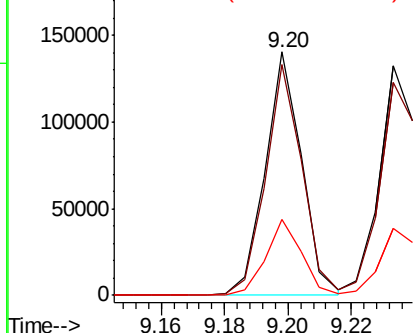
#43
 2,4,6-Trichlorophenol
 Concen: 10.050 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:196	Resp:	111857
Ion Ratio	Lower	Upper
196	100	
198	94.6	77.8 116.6
200	31.1	25.4 38.0



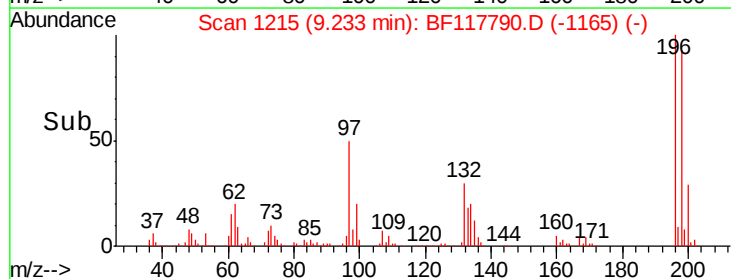
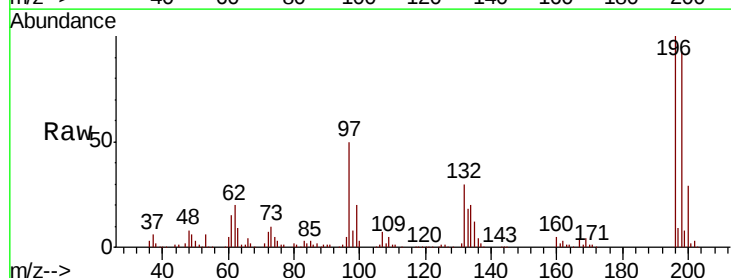
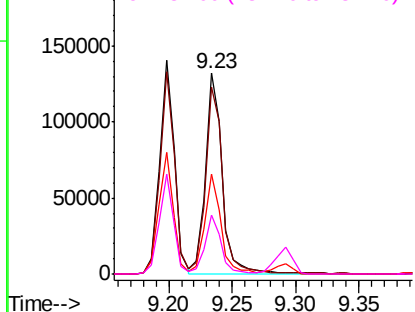
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

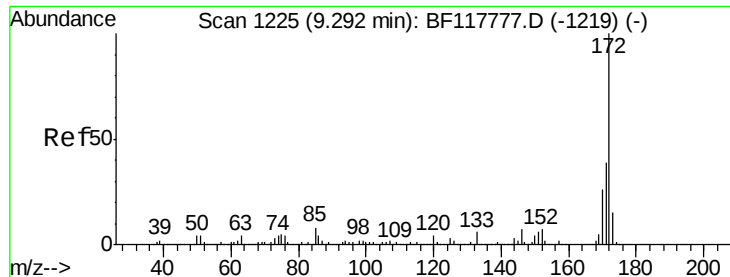


#44
 2,4,5-Trichlorophenol
 Concen: 10.525 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Tgt Ion:196	Resp:	121625
Ion Ratio	Lower	Upper
196	100	
198	93.3	76.3 114.5
97	49.9	40.0 60.0
132	29.5	23.6 35.4

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

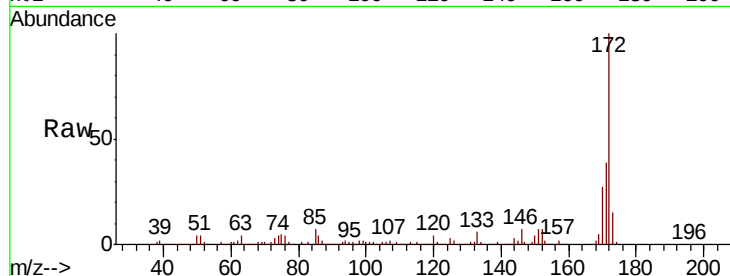




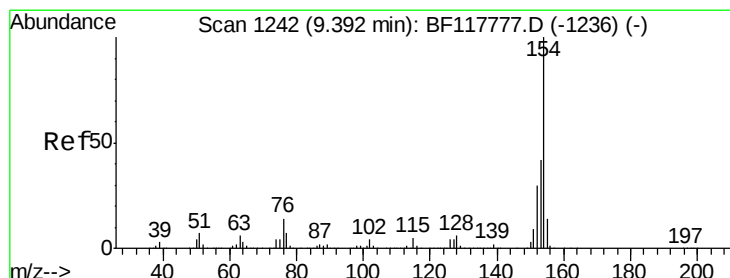
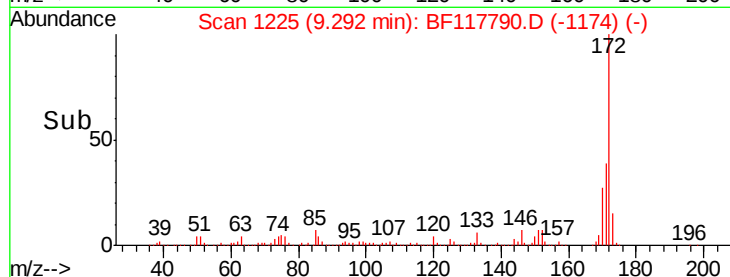
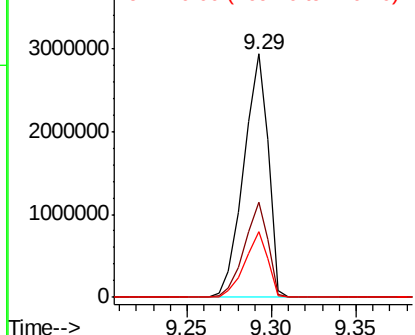
#45
2-Fluorobiphenyl
Concen: 99.811 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:172 Resp: 2976754
Ion Ratio Lower Upper
172 100
171 38.9 30.9 46.3
170 26.7 21.0 31.4

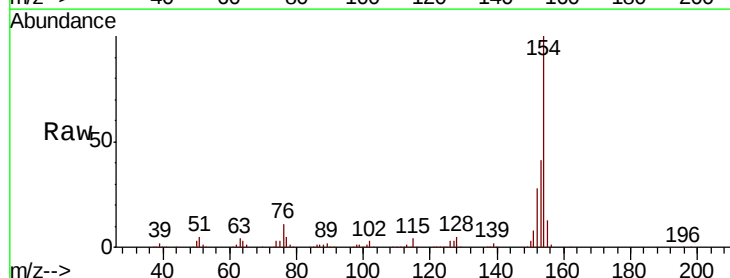


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

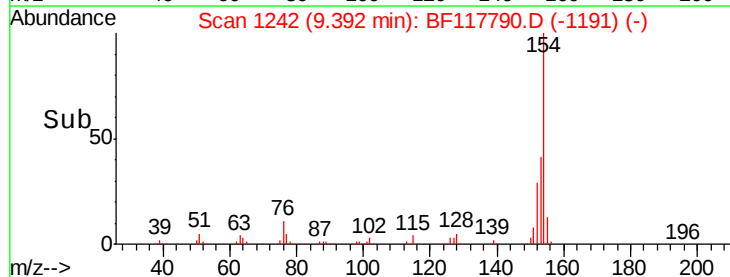
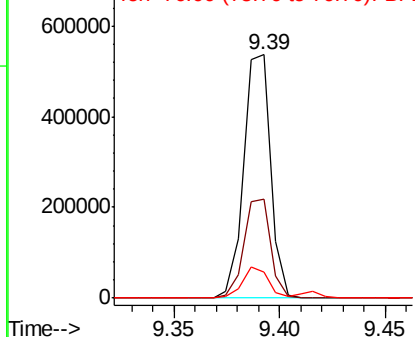


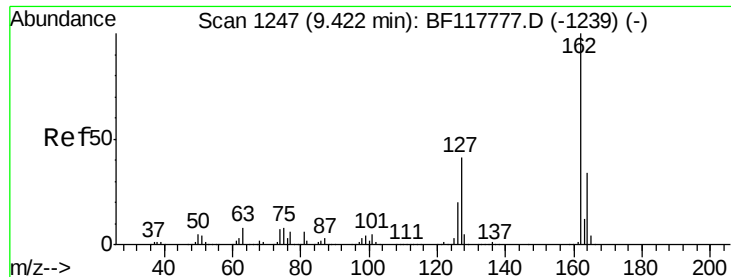
#46
1,1'-Biphenyl
Concen: 11.943 ng
RT: 9.39 min Scan# 1242
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:154 Resp: 474069
Ion Ratio Lower Upper
154 100
153 40.7 21.9 61.9
76 10.6 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

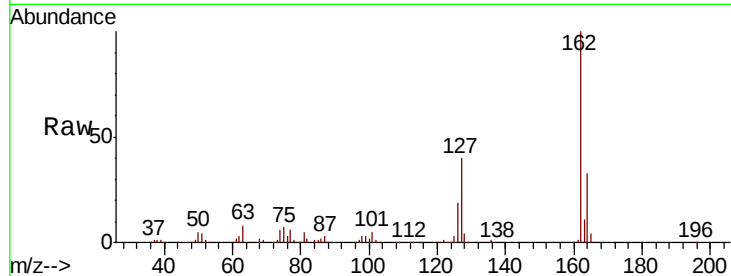




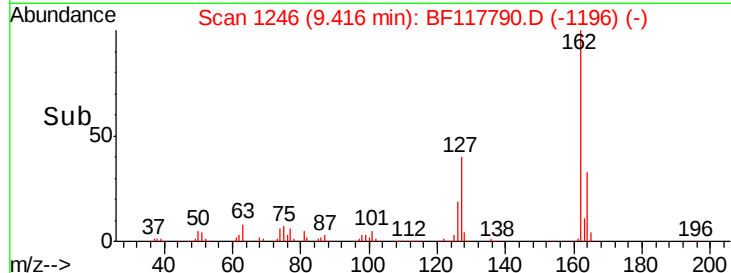
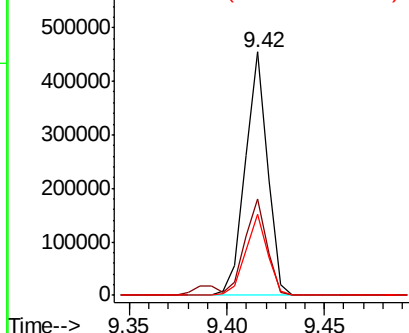
#47
 2-Chloronaphthalene
 Concen: 11.002 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	33.2	49.8
164	33.3	27.3	40.9

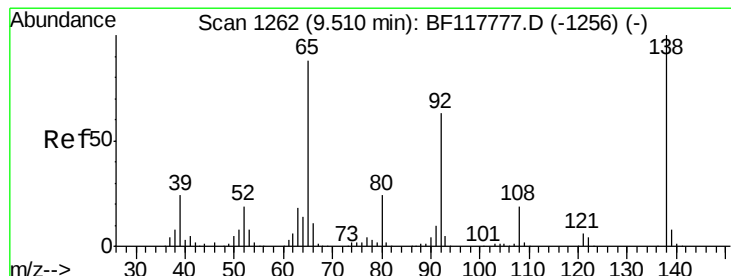


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

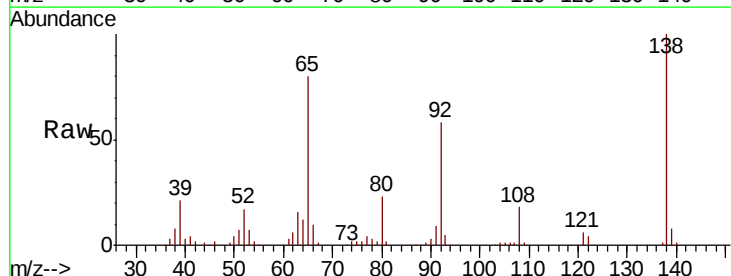
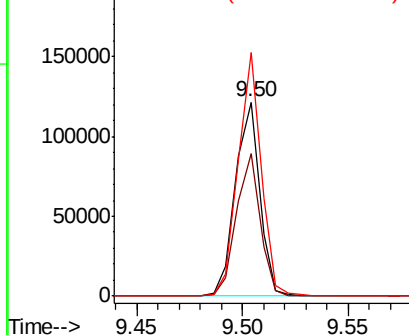


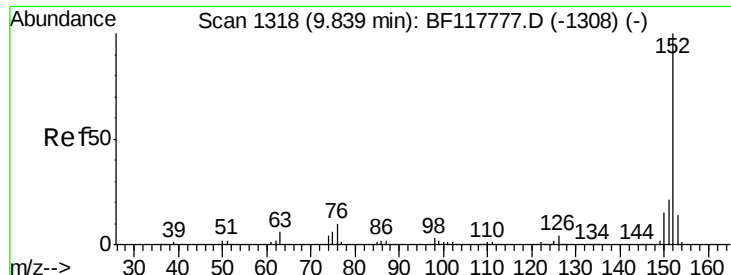
#48
 2-Nitroaniline
 Concen: 9.797 ng
 RT: 9.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.3	56.6	84.8
138	125.5	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: 12.066 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

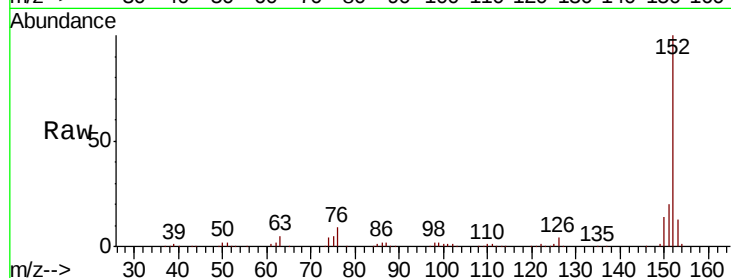
Tot Ion:152 Resp: 574482

Ion Ratio Lower Upper

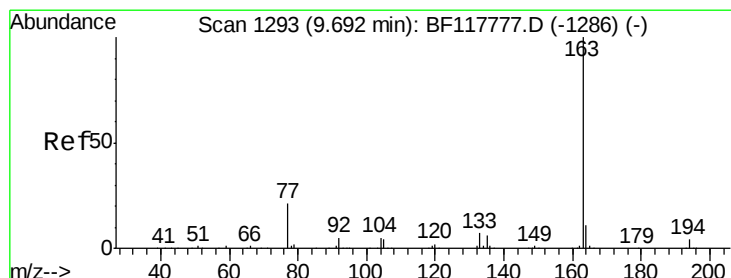
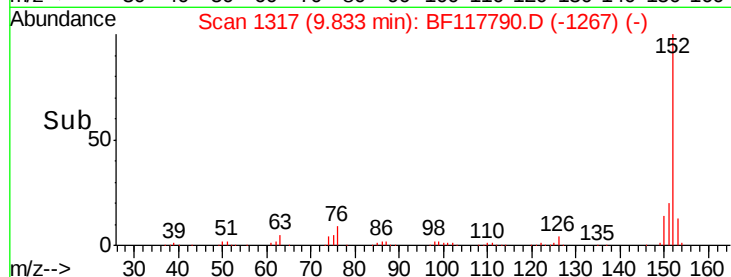
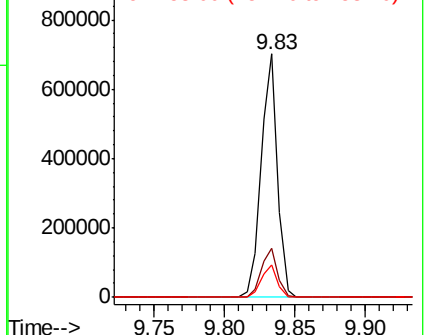
152 100

151 20.2 17.0 25.6

153 13.3 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: 11.093 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

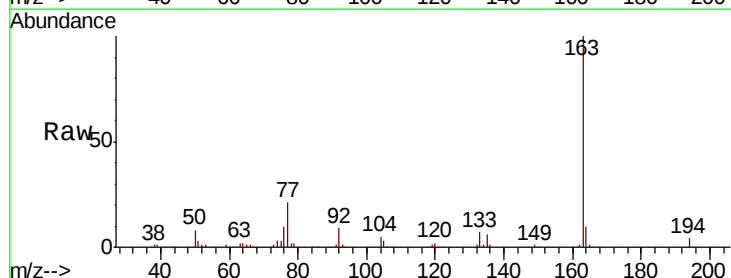
Tgt Ion:163 Resp: 416195

Ion Ratio Lower Upper

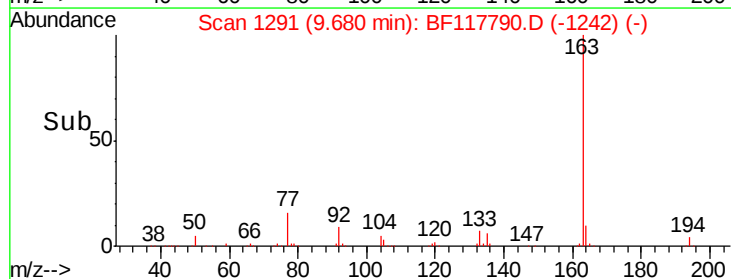
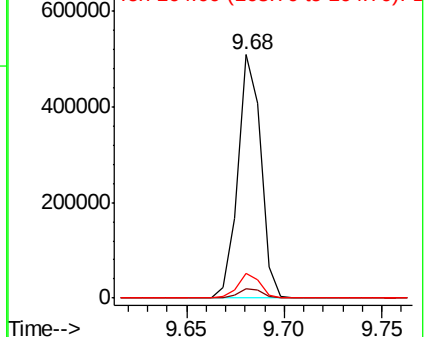
163 100

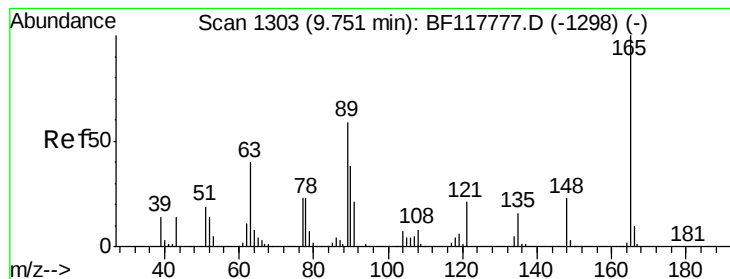
194 4.1 3.3 4.9

164 10.4 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: 10.856 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

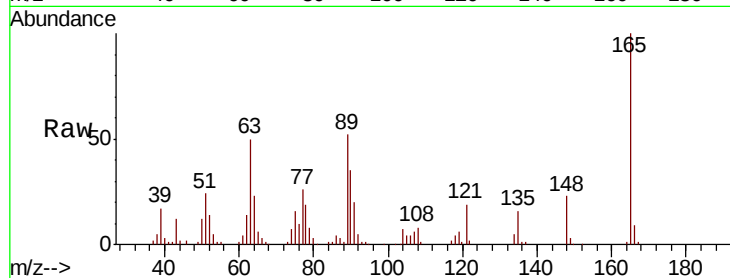
Tot Ion:165 Resp: 89018

Ion Ratio Lower Upper

165 100

63 50.3 46.0 69.0

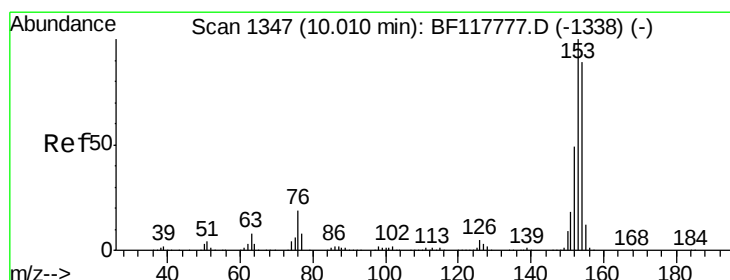
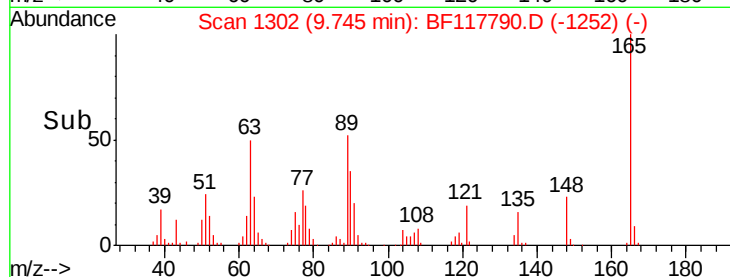
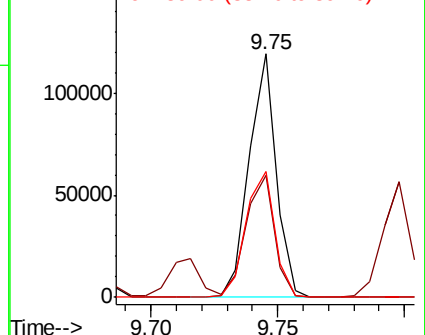
89 51.8 47.7 71.5



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: 11.297 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

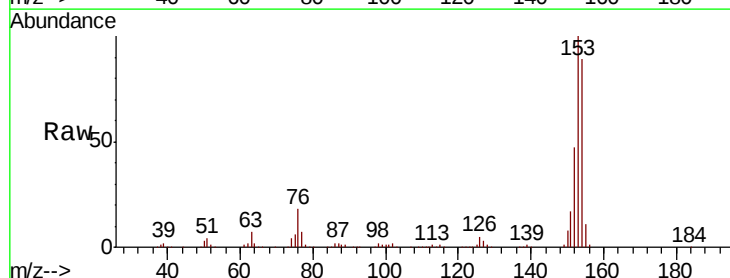
Tgt Ion:154 Resp: 344551

Ion Ratio Lower Upper

154 100

153 112.7 90.1 135.1

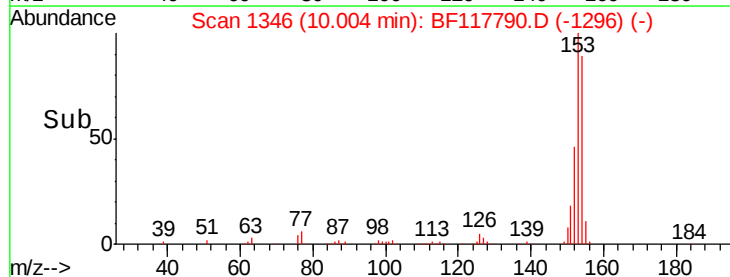
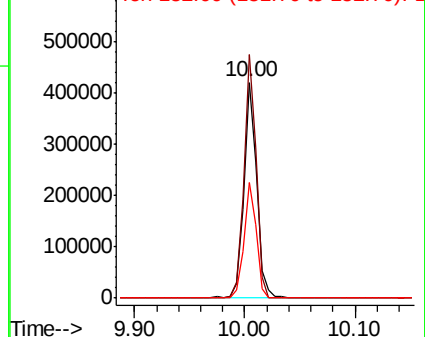
152 53.5 44.0 66.0

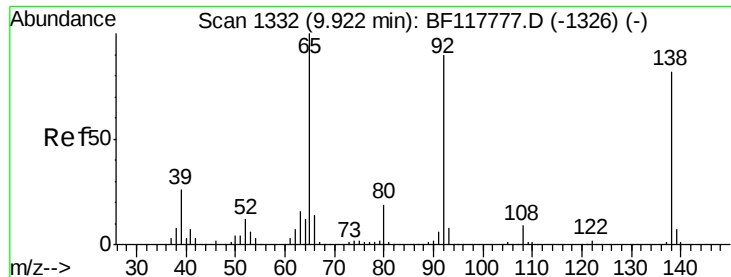


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

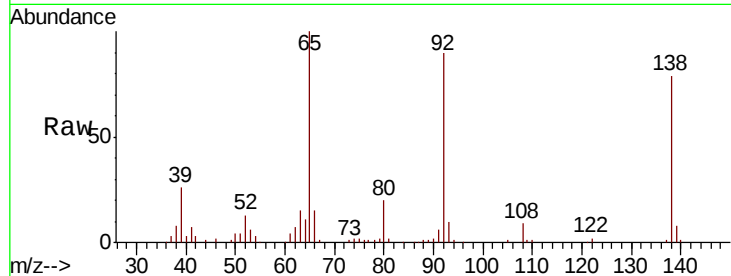




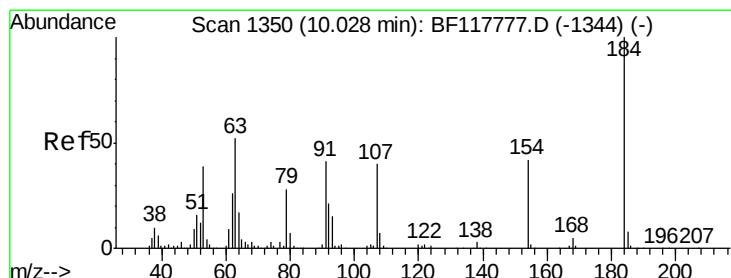
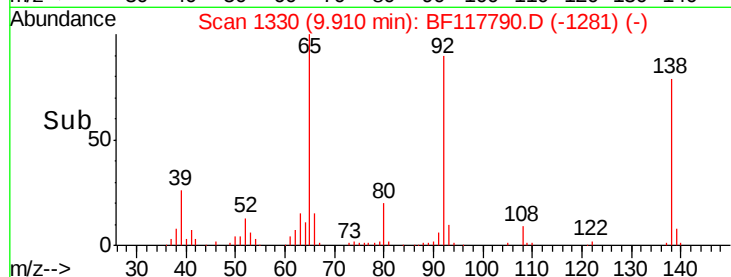
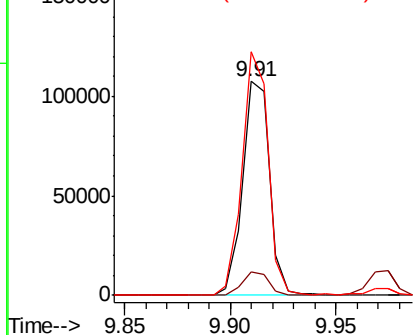
#53
3-Nitroaniline
Concen: 9.719 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:138 Resp: 95361
Ion Ratio Lower Upper
138 100
108 11.2 8.6 12.8
92 113.8 87.9 131.9

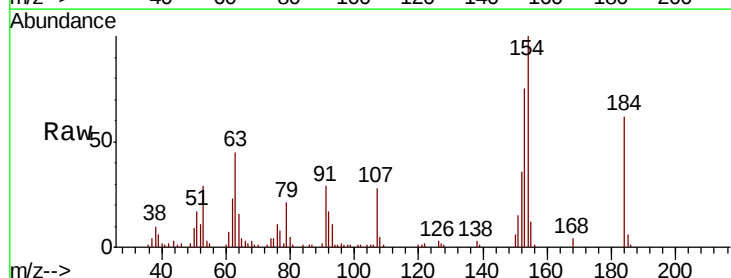


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

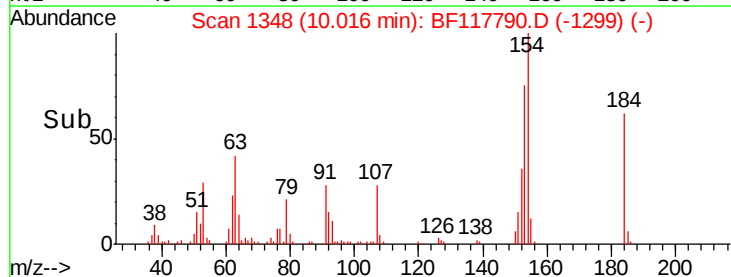
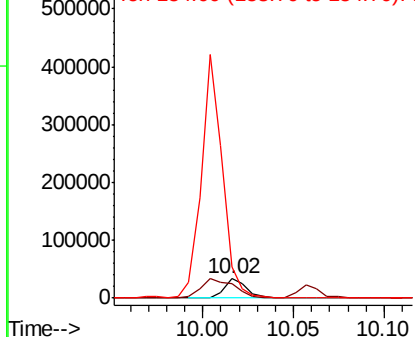


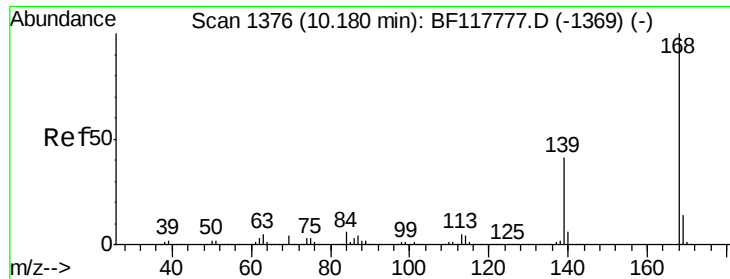
#54
2,4-Dinitrophenol
Concen: 8.091 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:184 Resp: 29455
Ion Ratio Lower Upper
184 100
63 72.6 43.0 64.6#
154 161.0 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

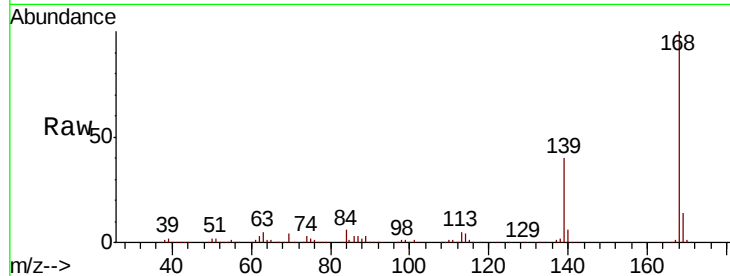




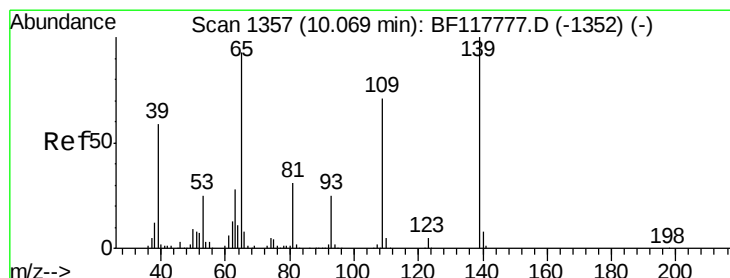
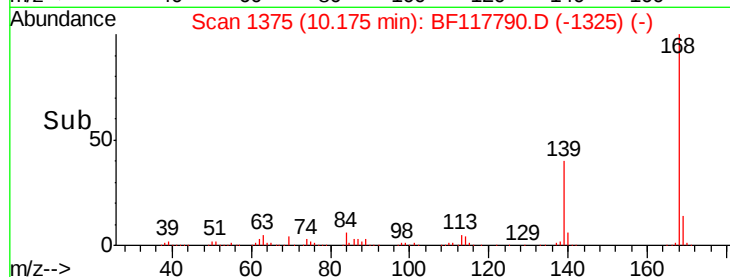
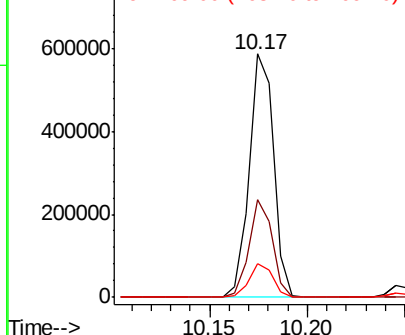
#55
Dibenzenofuran
Concen: 12.020 ng
RT: 10.17 min Scan# 1375
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:168 Resp: 507649
Ion Ratio Lower Upper
168 100
139 39.9 33.0 49.6
169 13.6 11.5 17.3

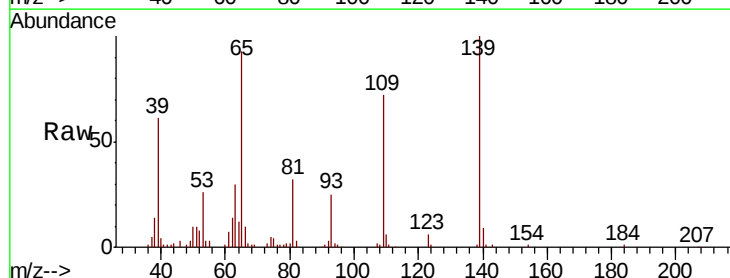


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

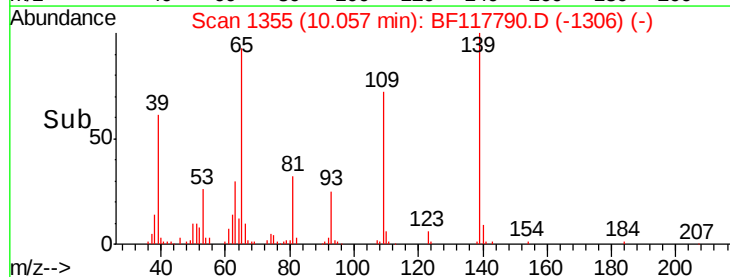
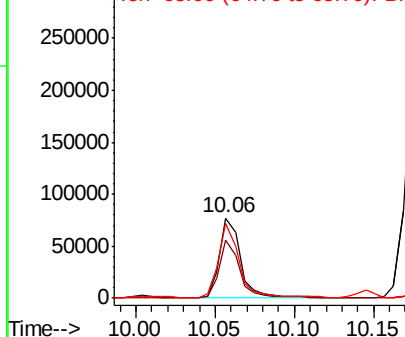


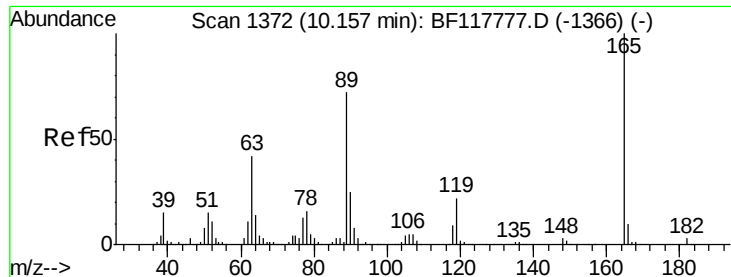
#56
4-Nitrophenol
Concen: 10.029 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:139 Resp: 73452
Ion Ratio Lower Upper
139 100
109 72.0 50.8 90.8
65 93.3 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

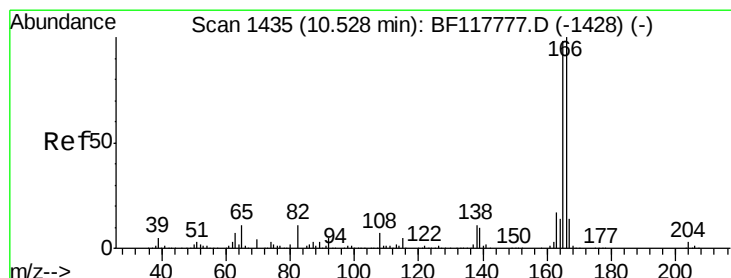
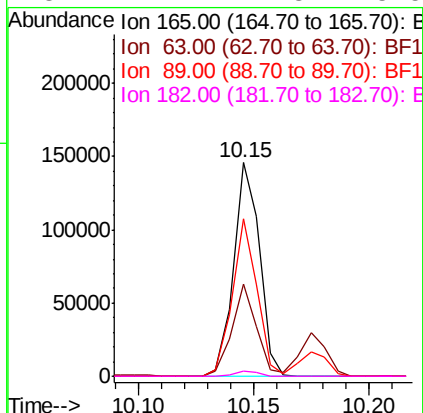
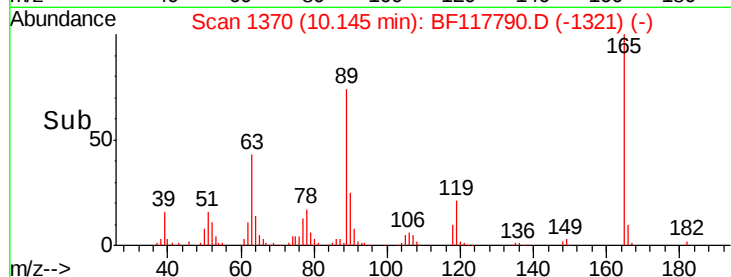
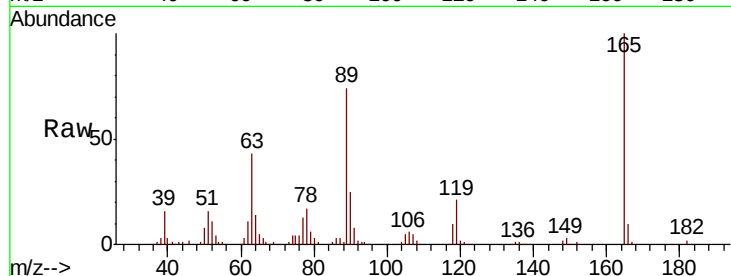




#57
2,4-Dinitrotoluene
Concen: 10.913 ng
RT: 10.15 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

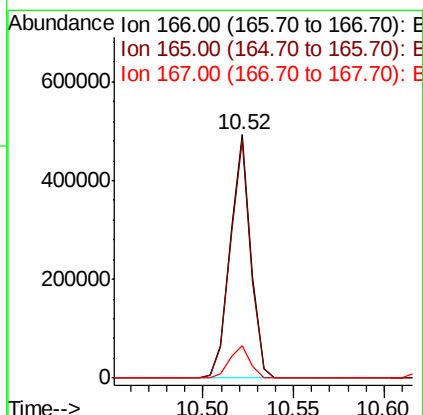
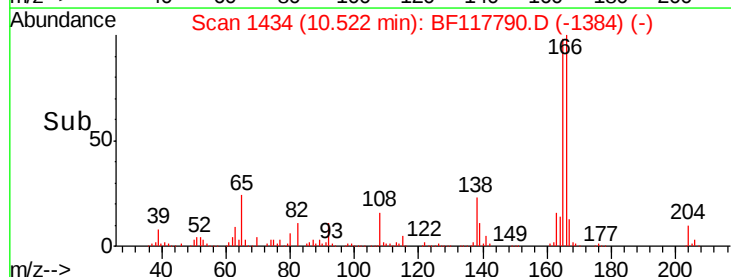
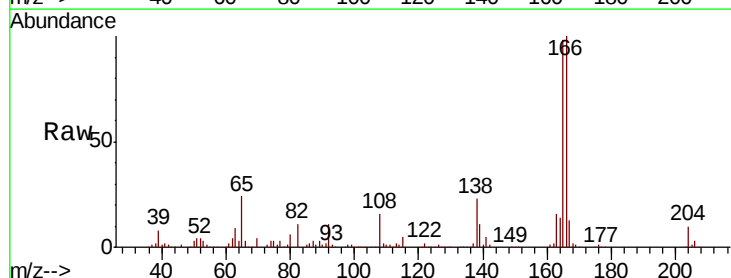
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

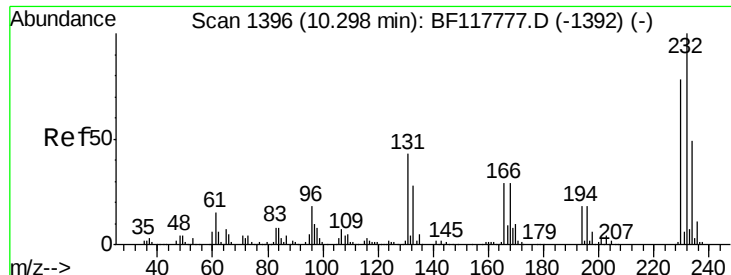
Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	33.7	50.5
89	73.8	57.3	85.9
182	2.4	2.3	3.5



#58
Fluorene
Concen: 11.858 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.4	117.6
167	13.4	11.0	16.4

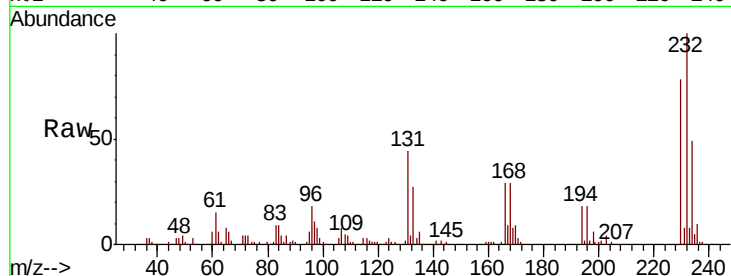




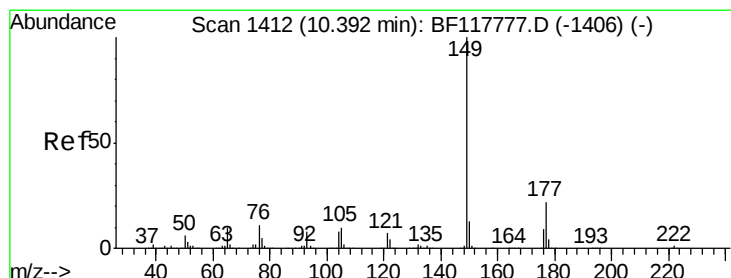
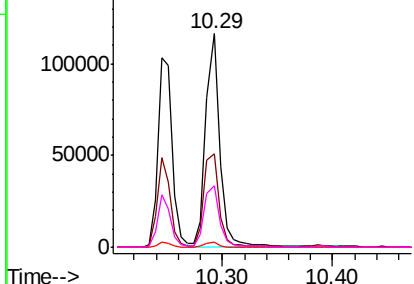
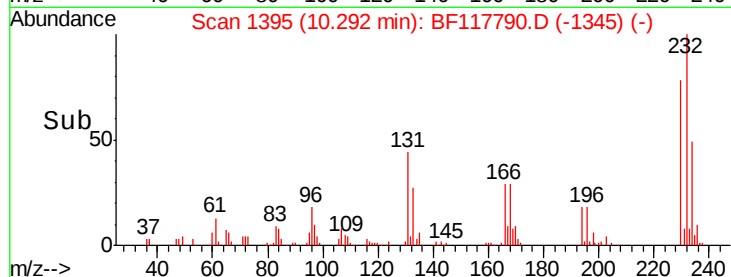
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 10.594 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Tot Ion:232	Resp:	100587
Ion Ratio	Lower	Upper
232	100	
131	48.4	37.6 56.4
130	2.0	1.9 2.9
166	31.3	24.2 36.4

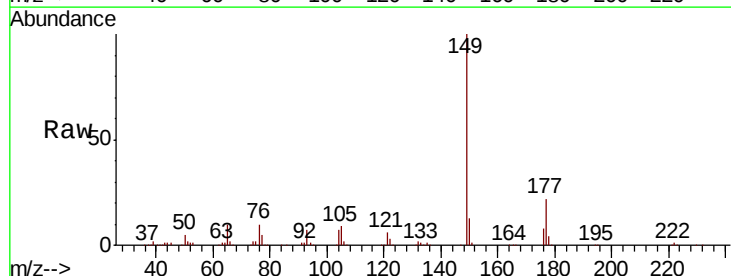


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

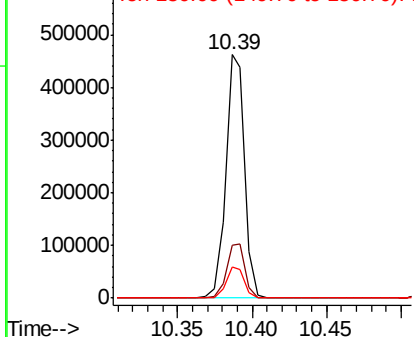
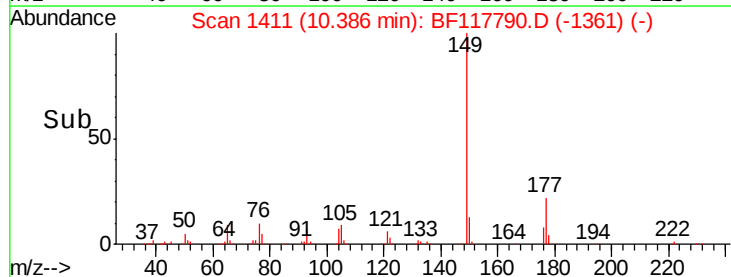


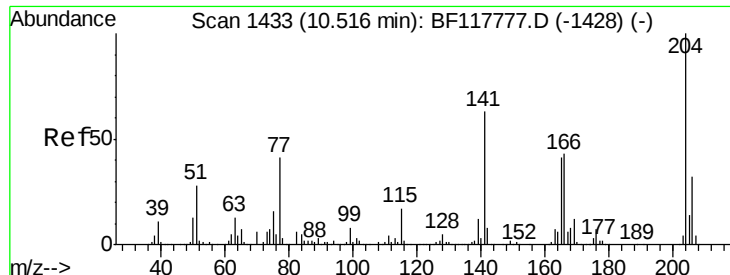
#60
 Diethylphthalate
 Concen: 11.179 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Tgt Ion:149	Resp:	408925
Ion Ratio	Lower	Upper
149	100	
177	22.0	18.0 27.0
150	12.8	10.5 15.7



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

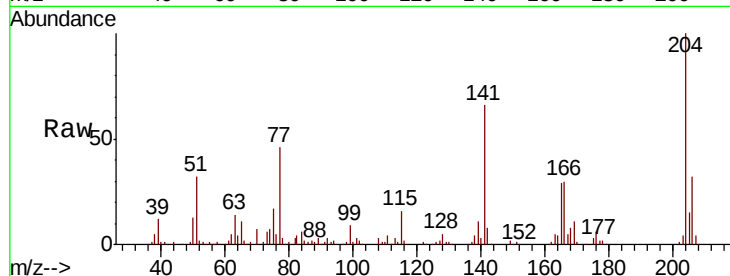




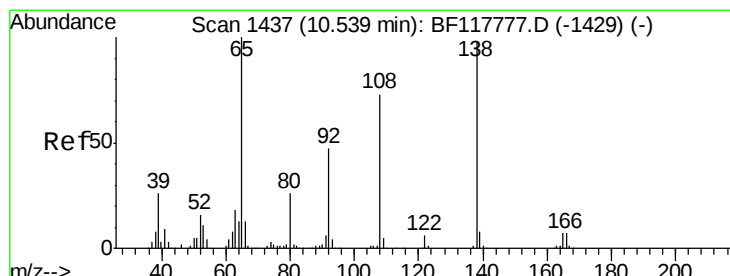
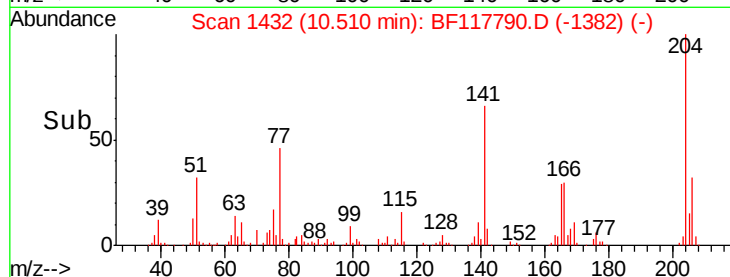
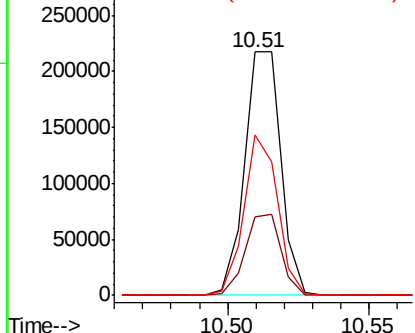
#61
4-Chlorophenyl-phenylether
Concen: 11.696 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:204 Resp: 194258
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 65.7 50.7 76.1

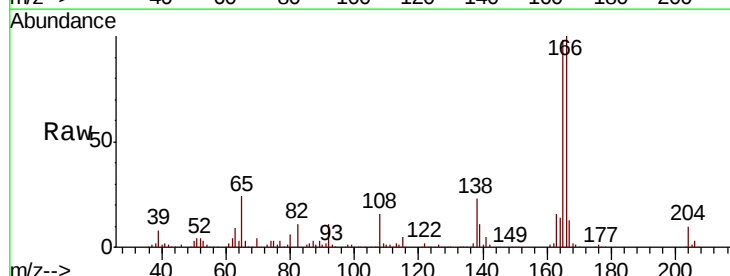


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

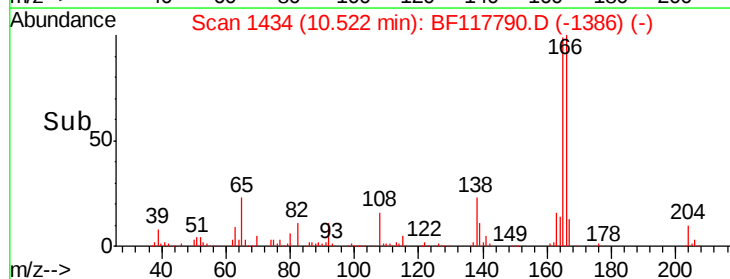
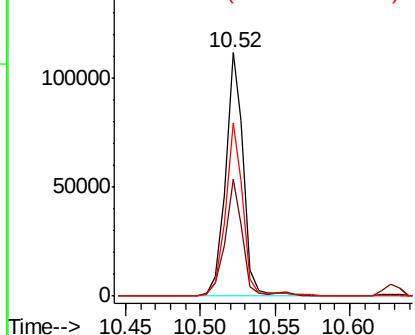


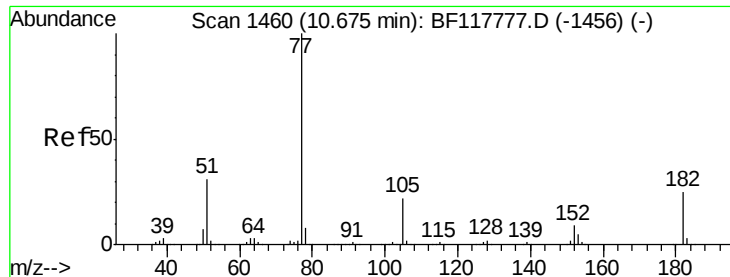
#62
4-Nitroaniline
Concen: 9.677 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.02 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:138 Resp: 95067
Ion Ratio Lower Upper
138 100
92 47.9 28.3 68.3
108 71.1 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

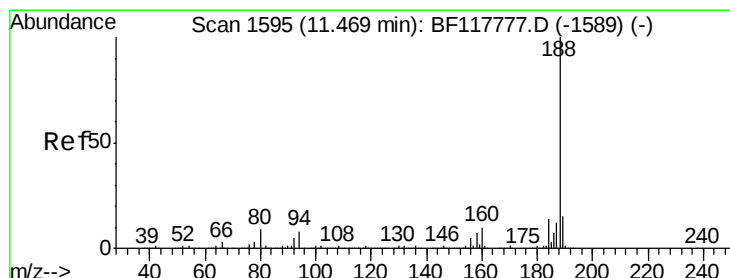
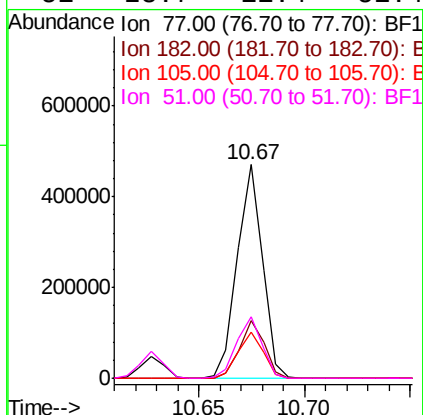
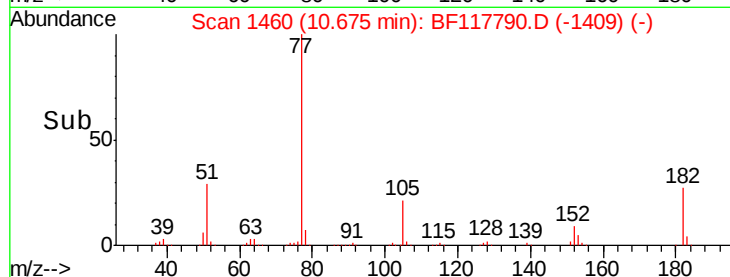
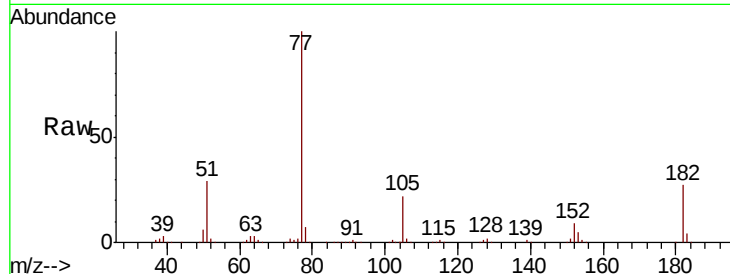




#63
Azobenzene
Concen: 11.633 ng
RT: 10.67 min Scan# 1460
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

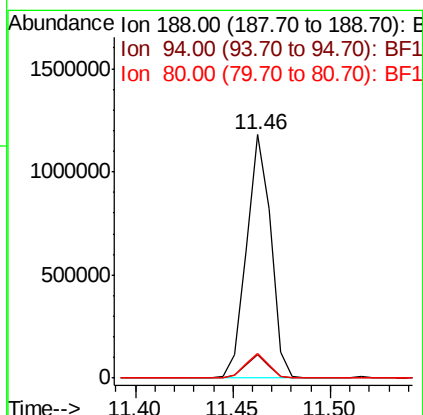
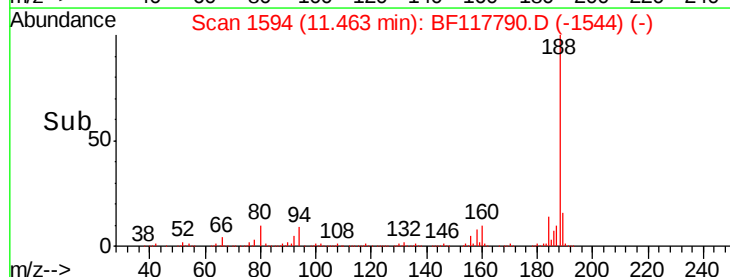
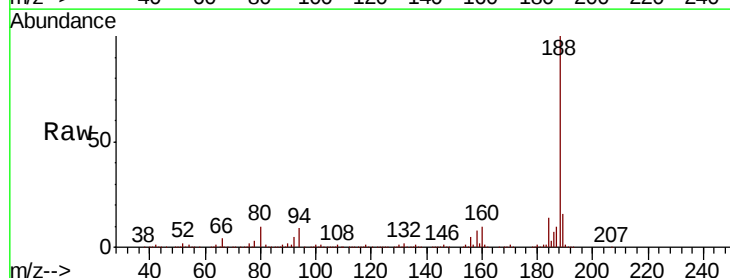
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

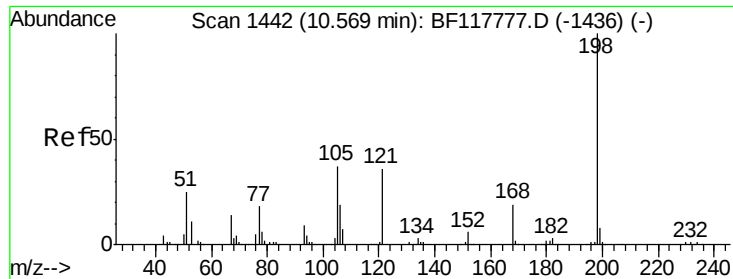
Tot Ion:	77	Resp:	387132
Ion	Ratio	Lower	Upper
77	100		
182	26.7	4.8	44.8
105	21.8	2.1	42.1
51	28.7	11.4	51.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:	188	Resp:	1018322
Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.6	10.0
80	10.3	7.2	10.8

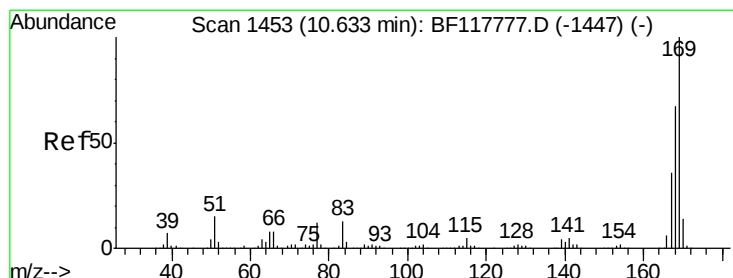
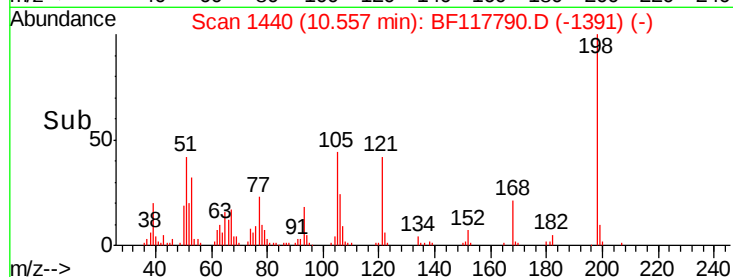
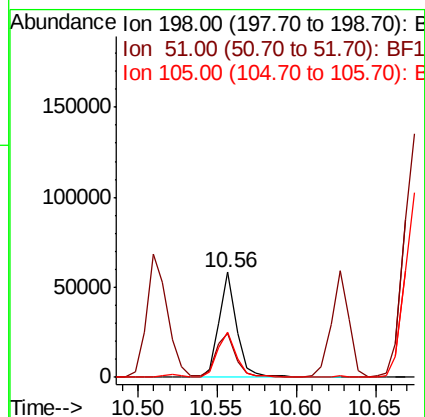
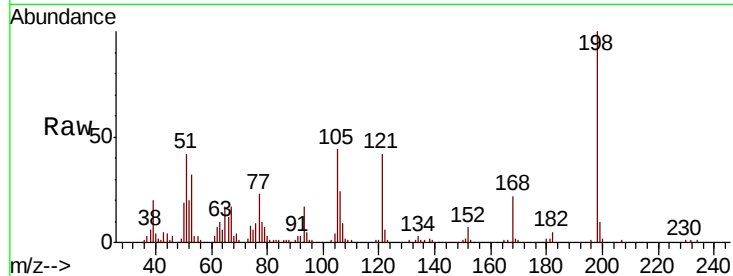




#65
4,6-Dinitro-2-methylphenol
Concen: 9.448 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

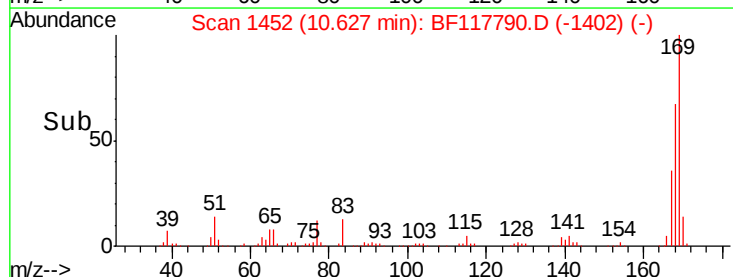
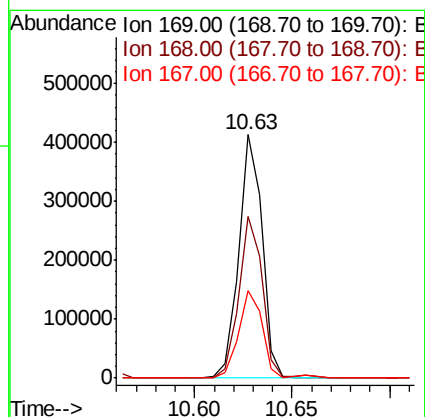
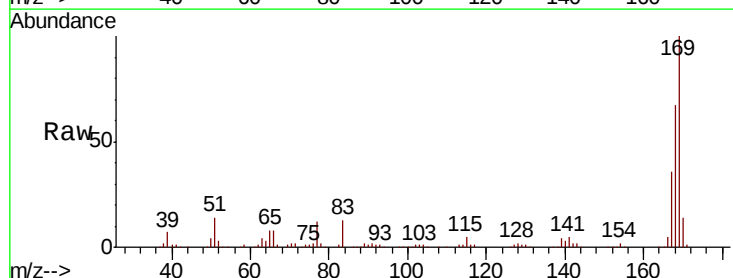
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

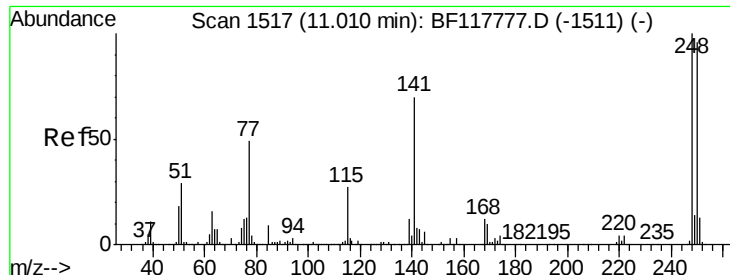
Tot Ion:198 Resp: 44914
Ion Ratio Lower Upper
198 100
51 41.9 16.0 56.0
105 43.6 19.1 59.1



#66
n-Nitrosodiphenylamine
Concen: 11.531 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:169 Resp: 341742
Ion Ratio Lower Upper
169 100
168 66.7 53.5 80.3
167 35.9 29.0 43.4

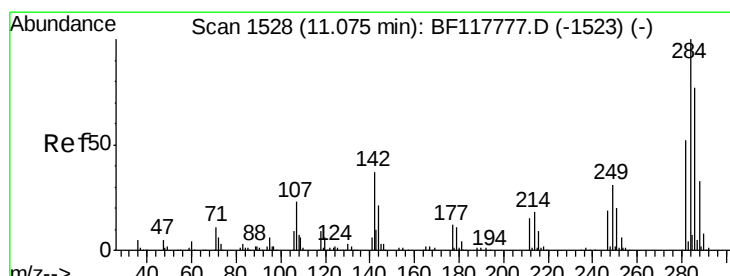
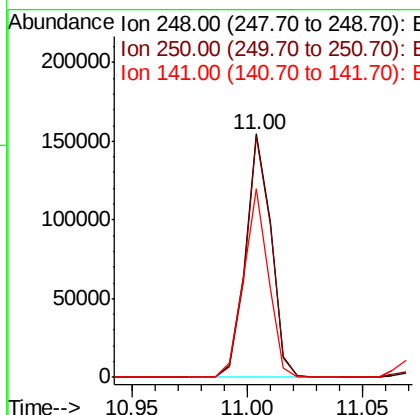
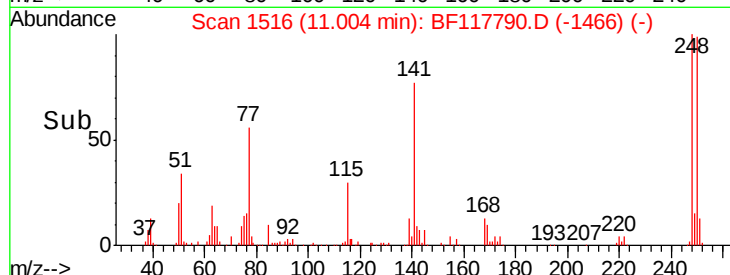
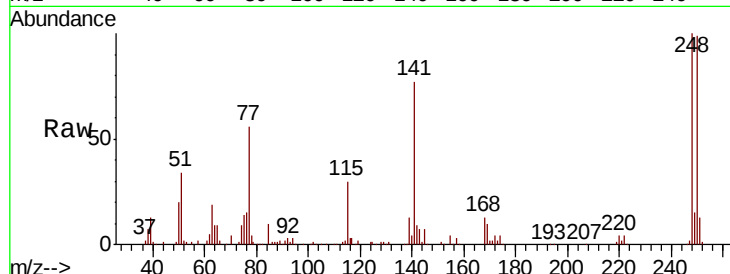




#67
4-Bromophenyl-phenylether
Concen: 10.914 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

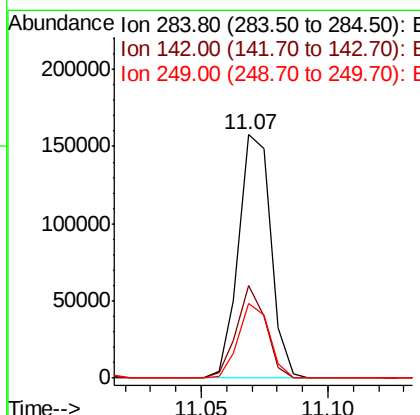
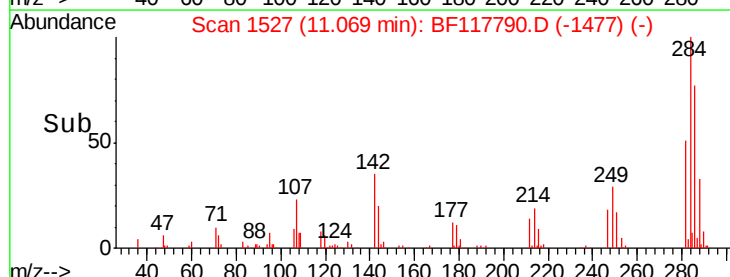
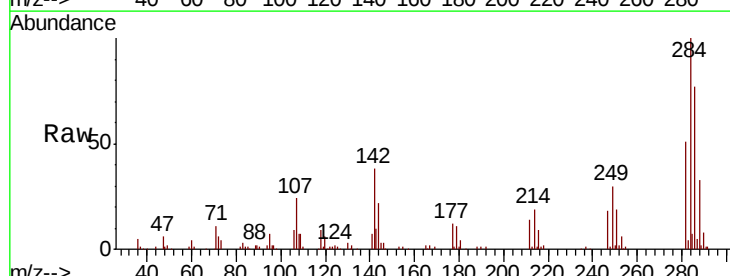
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

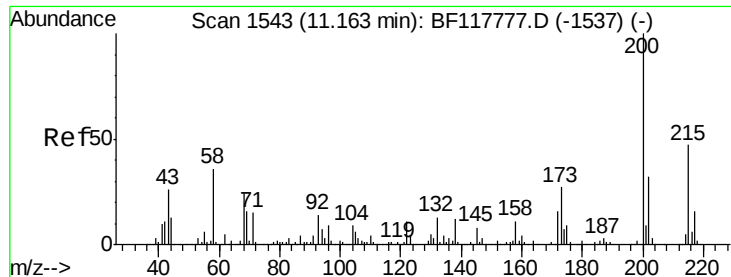
Tot Ion:248 Resp: 119922
Ion Ratio Lower Upper
248 100
250 99.2 76.6 115.0
141 77.2 55.9 83.9



#68
Hexachlorobenzene
Concen: 10.939 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:284 Resp: 140153
Ion Ratio Lower Upper
284 100
142 37.8 29.4 44.2
249 30.4 24.6 37.0

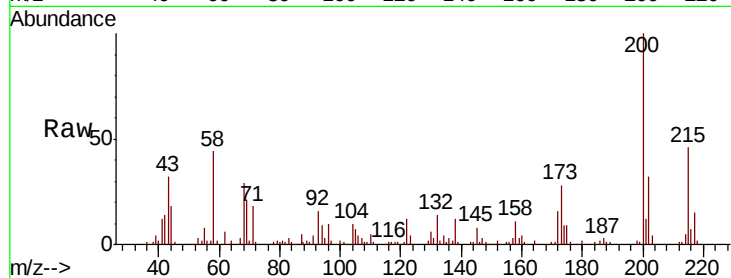




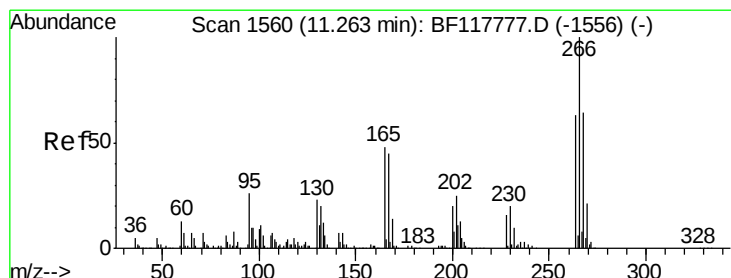
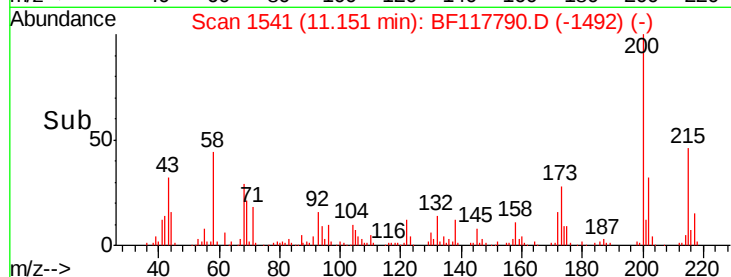
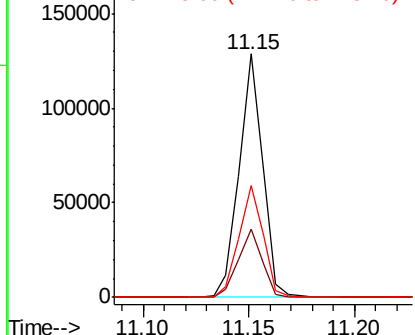
#69
Atrazine
Concen: 10.113 ng
RT: 11.15 min Scan# 1541
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:200 Resp: 98588
Ion Ratio Lower Upper
200 100
173 27.9 6.7 46.7
215 46.0 27.5 67.5

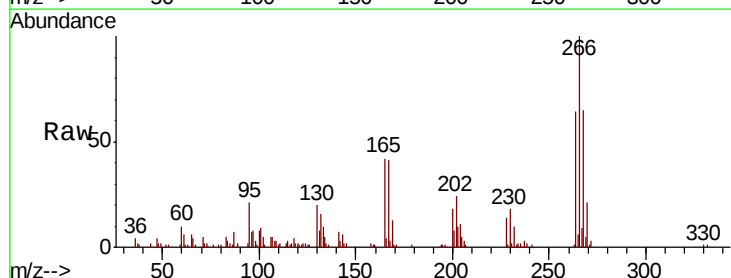


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

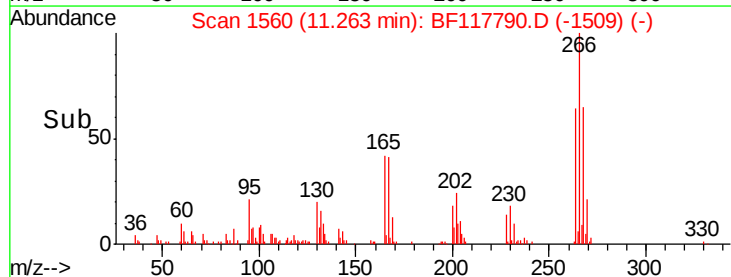
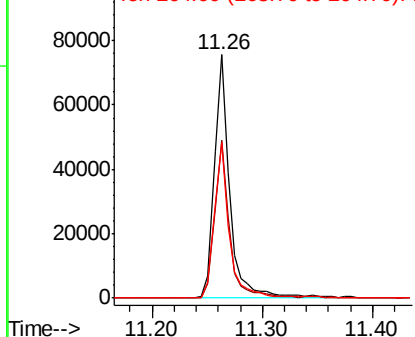


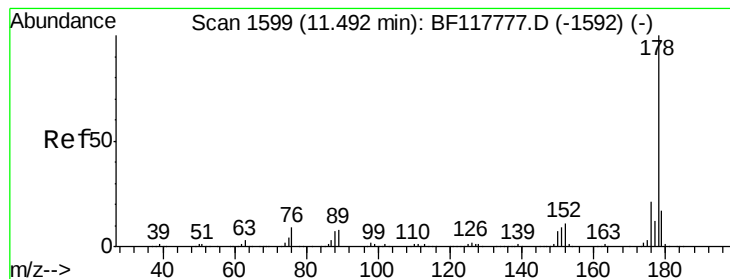
#70
Pentachlorophenol
Concen: 9.709 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:266 Resp: 72672
Ion Ratio Lower Upper
266 100
268 64.9 50.8 76.2
264 63.8 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: 11.807 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

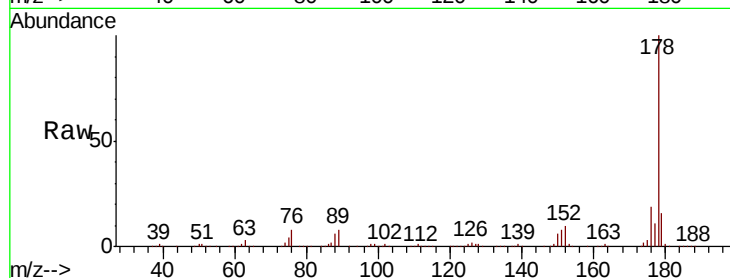
Tot Ion:178 Resp: 604511

Ion Ratio Lower Upper

178 100

176 19.5 16.6 25.0

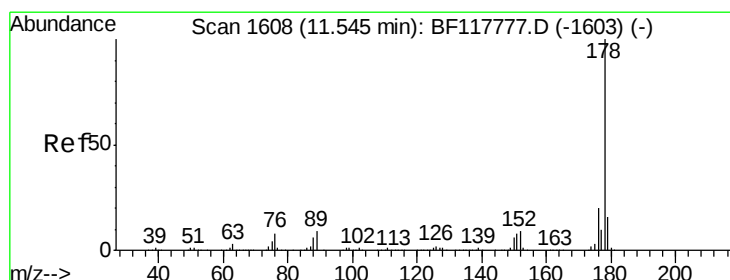
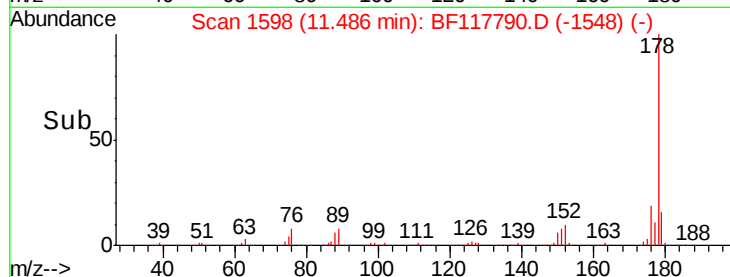
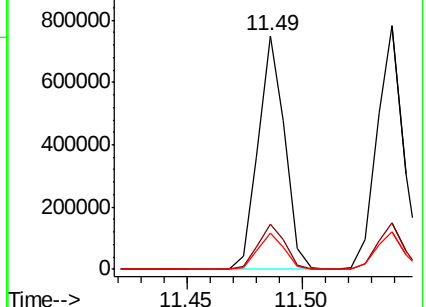
179 15.7 13.2 19.8



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: 12.046 ng

RT: 11.54 min Scan# 1607

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

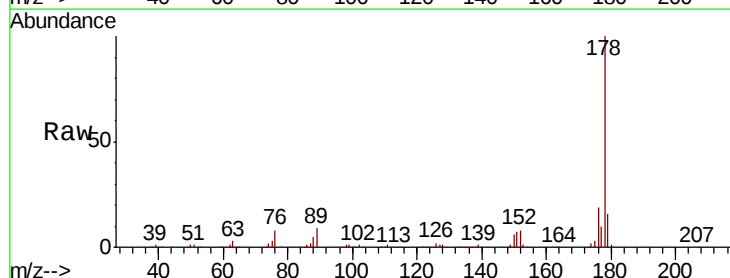
Tgt Ion:178 Resp: 611496

Ion Ratio Lower Upper

178 100

176 18.9 16.1 24.1

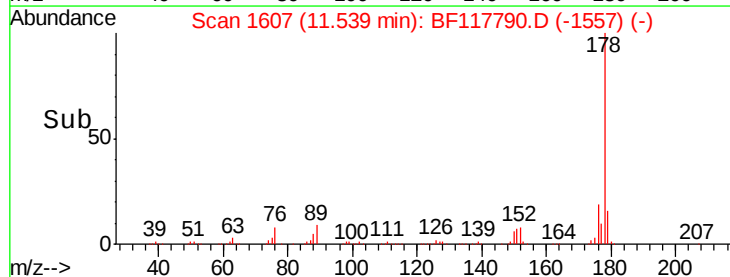
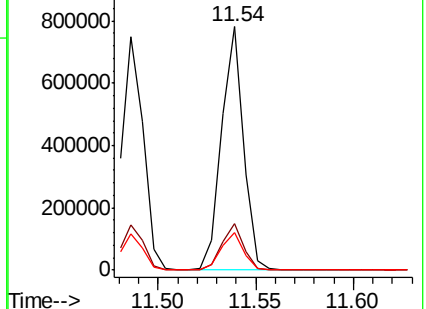
179 15.5 13.0 19.4

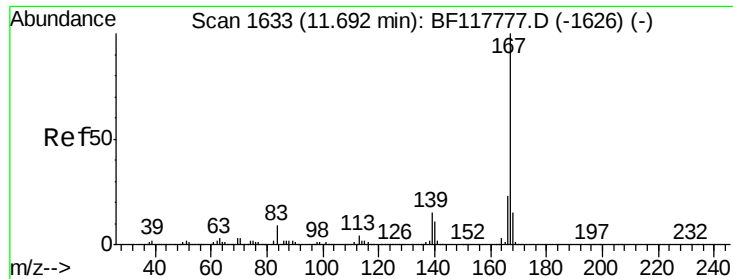


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

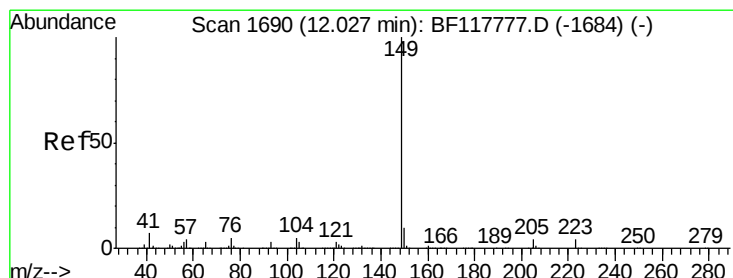
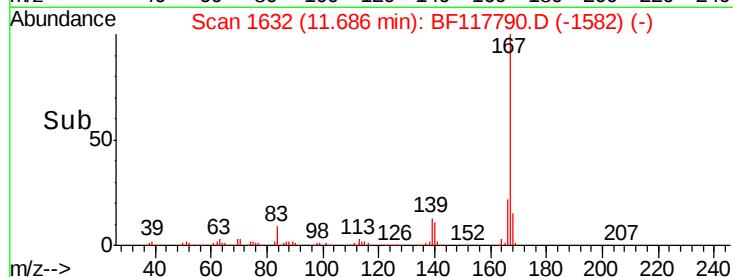
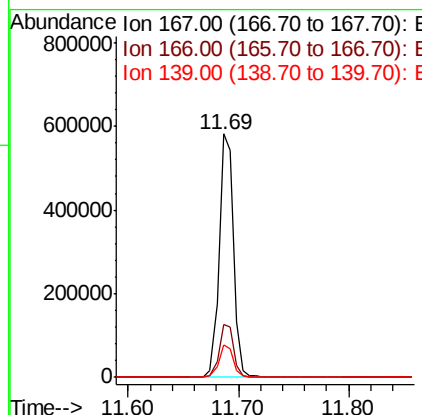
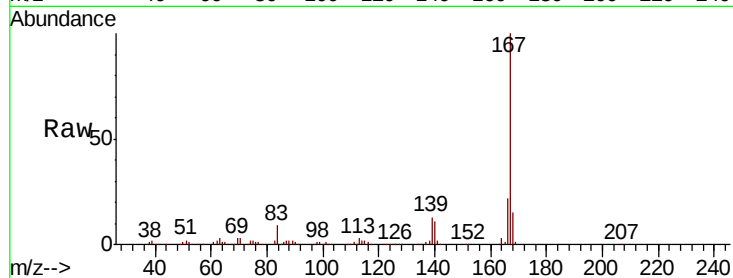




#73
 Carbazole
 Concen: 11.818 ng
 RT: 11.69 min Scan# 1632
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

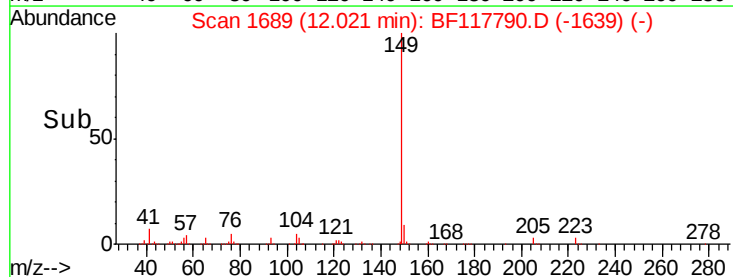
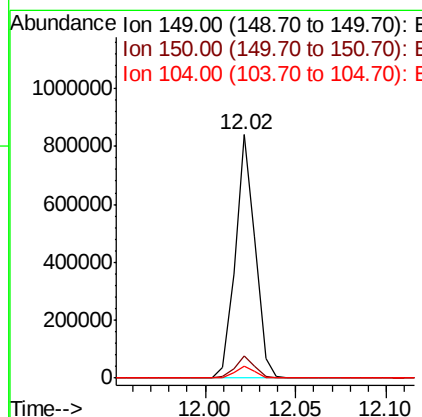
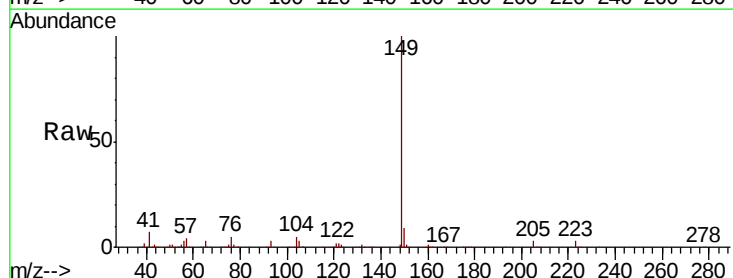
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

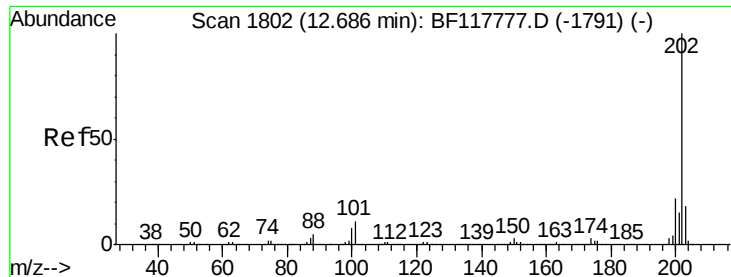
Tot Ion:167 Resp: 524226
 Ion Ratio Lower Upper
 167 100
 166 21.6 18.0 27.0
 139 13.4 11.7 17.5



#74
 Di-n-butylphthalate
 Concen: 11.512 ng
 RT: 12.02 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BF117790.D
 Acq: 14 Nov 2019 12:01

Tgt Ion:149 Resp: 635814
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.9 11.9
 104 5.0 4.2 6.4

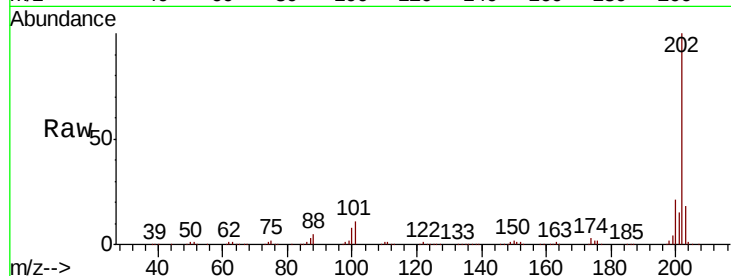




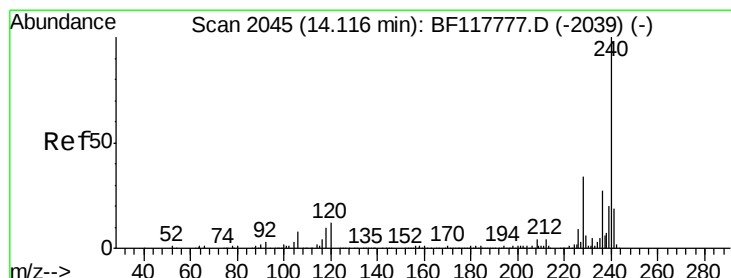
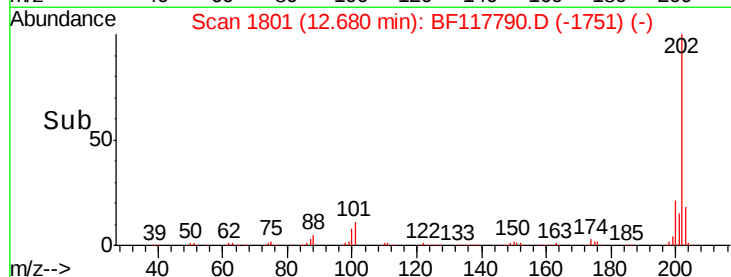
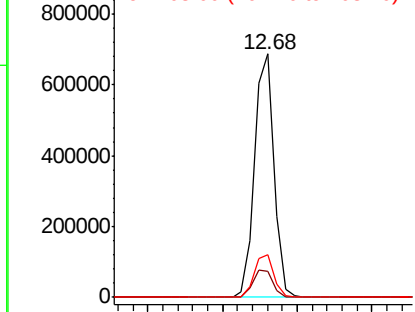
#75
Fluoranthene
Concen: 12.299 ng
RT: 12.68 min Scan# 1801
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.1
203	17.7	0.0	38.2

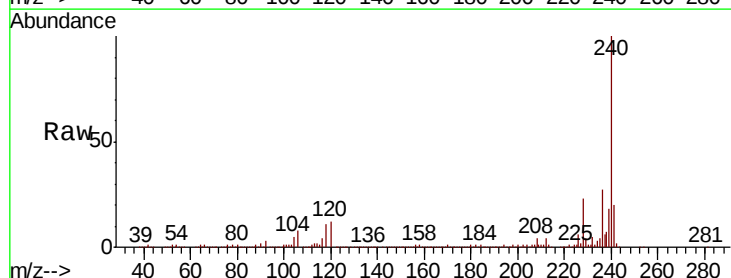


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

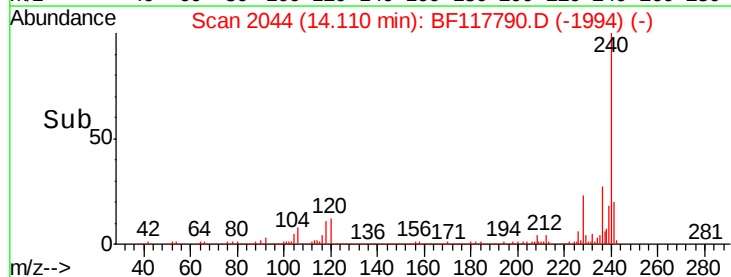
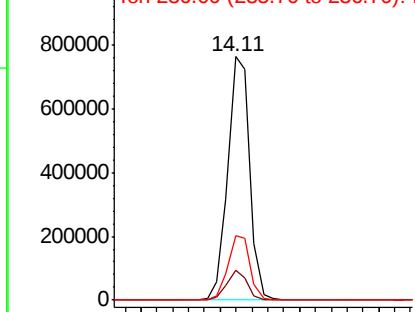


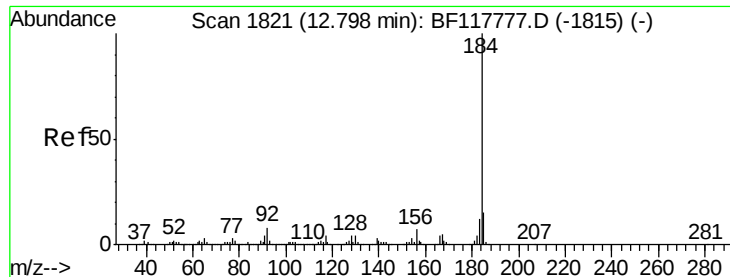
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.11 min Scan# 2044
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.4	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: 11.414 ng

RT: 12.80 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

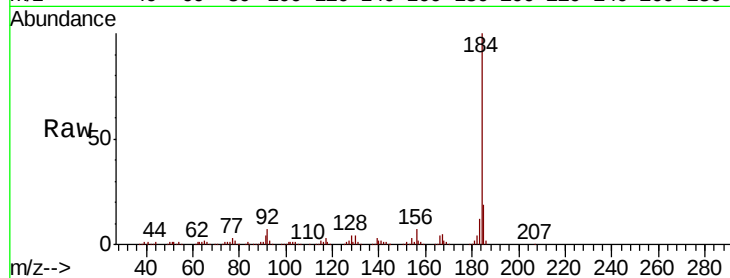
Tot Ion:184 Resp: 273562

Ion Ratio Lower Upper

184 100

185 19.3 12.2 18.4#

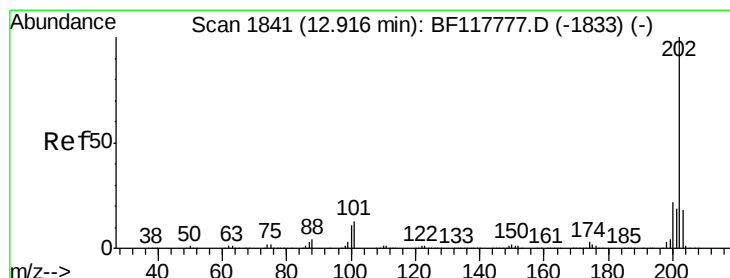
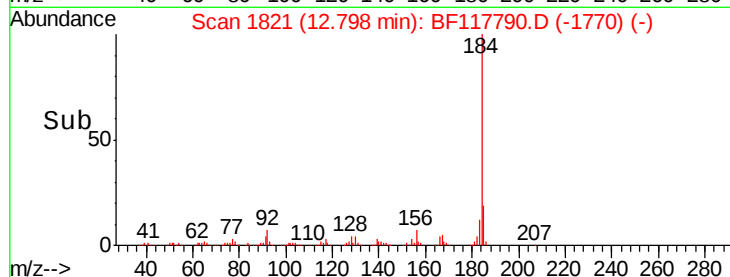
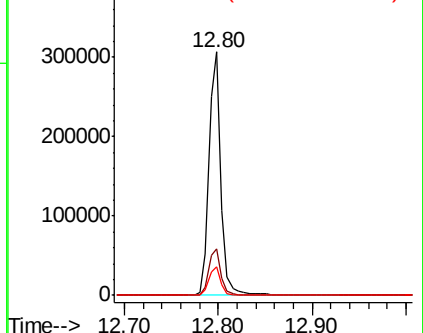
183 11.9 9.5 14.3



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: 10.706 ng

RT: 12.91 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

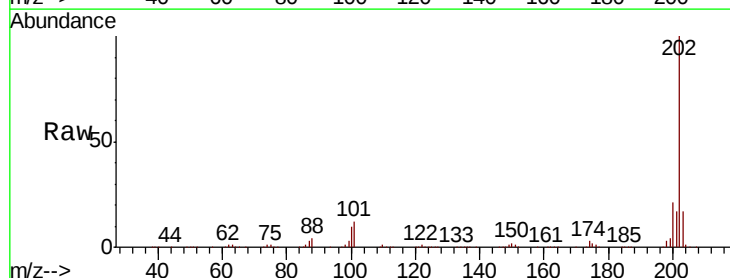
Tgt Ion:202 Resp: 633103

Ion Ratio Lower Upper

202 100

200 21.4 17.8 26.8

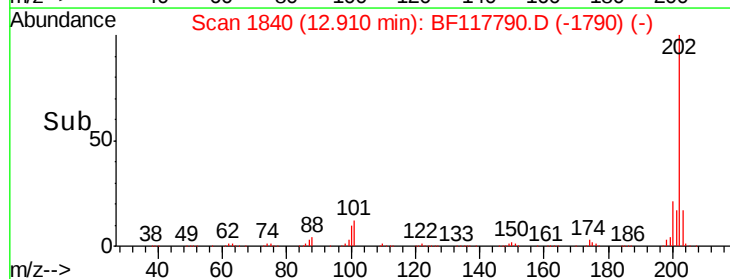
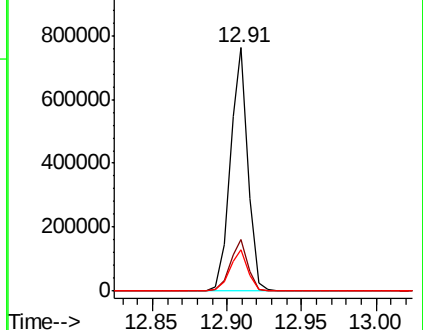
203 16.9 14.6 22.0

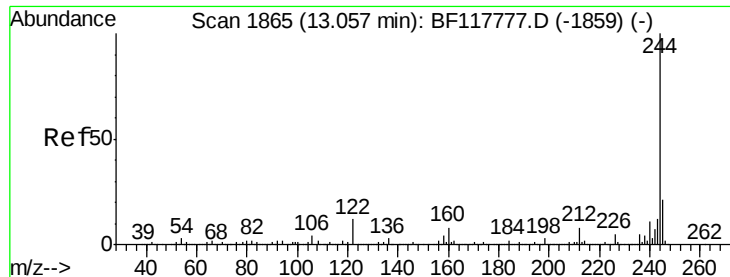


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 87.366 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

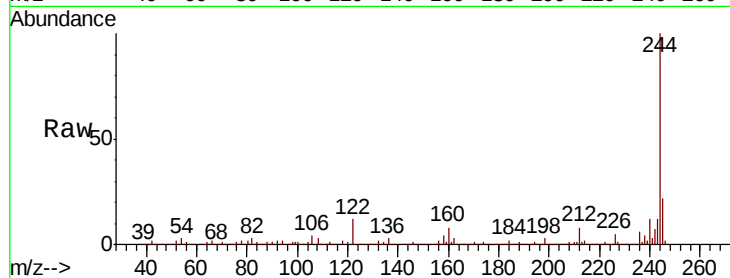
Tot Ion:244 Resp: 3497803

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

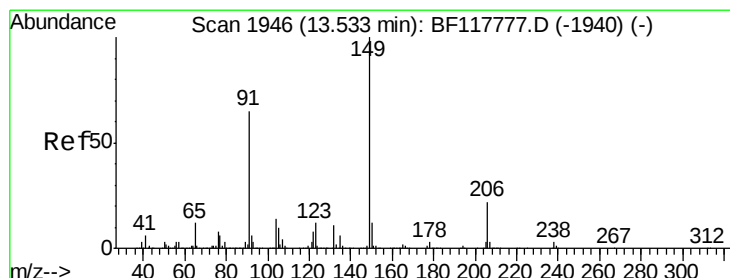
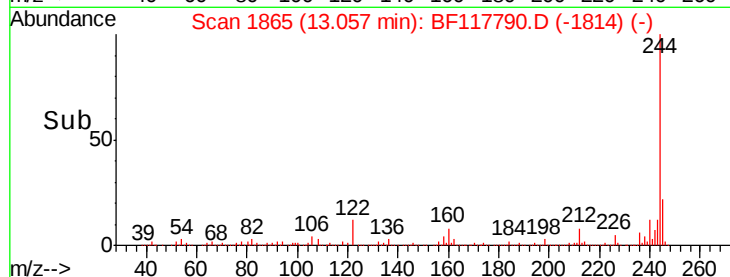
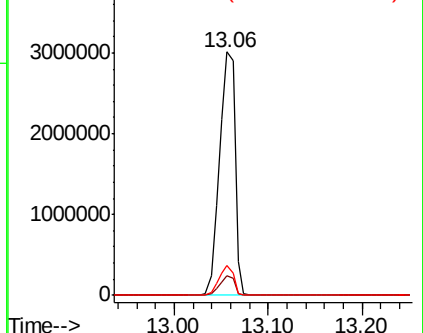
122 12.4 9.4 14.2



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: 9.276 ng

RT: 13.53 min Scan# 1945

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

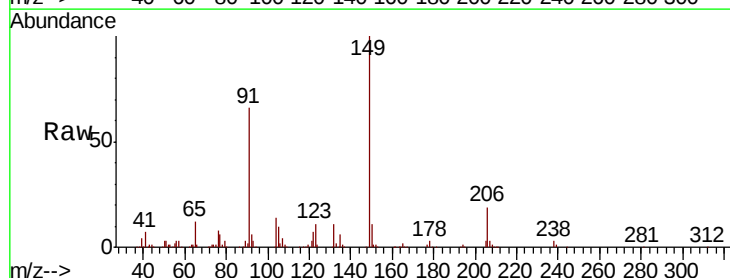
Tgt Ion:149 Resp: 235595

Ion Ratio Lower Upper

149 100

91 66.4 51.9 77.9

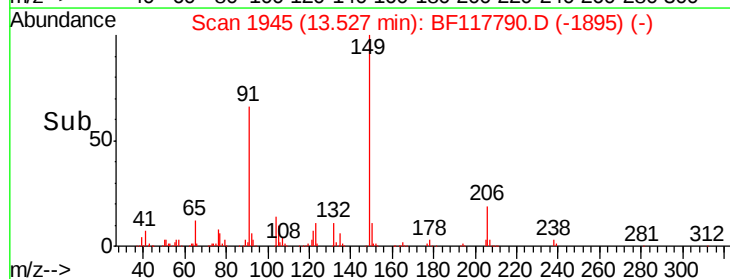
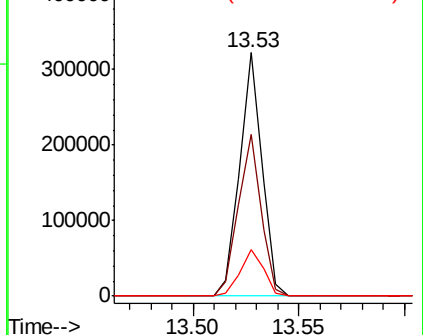
206 19.3 17.2 25.8

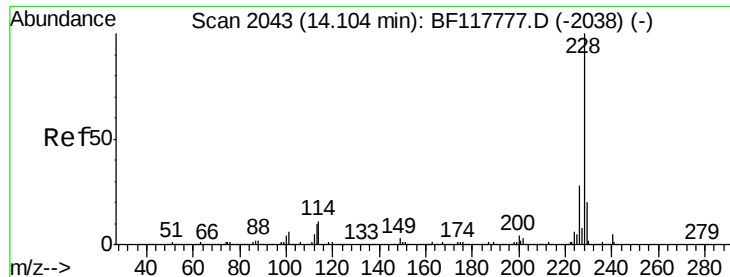


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 10.891 ng

RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

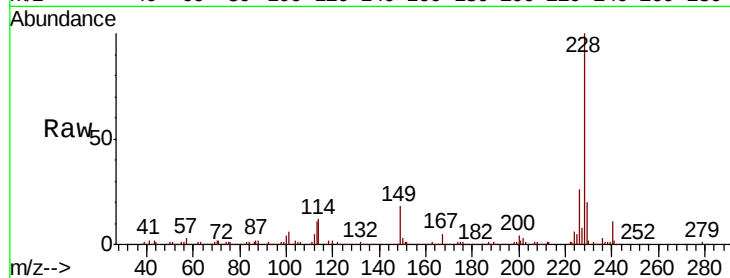
Tot Ion:228 Resp: 526623

Ion Ratio Lower Upper

228 100

226 26.3 22.2 33.2

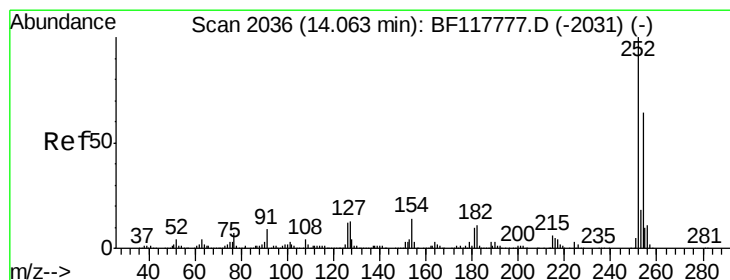
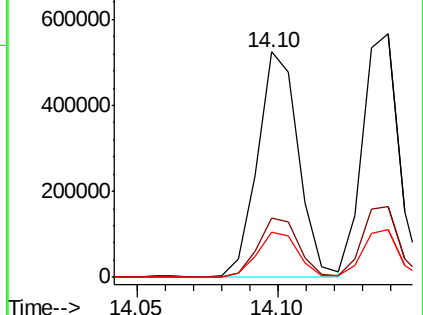
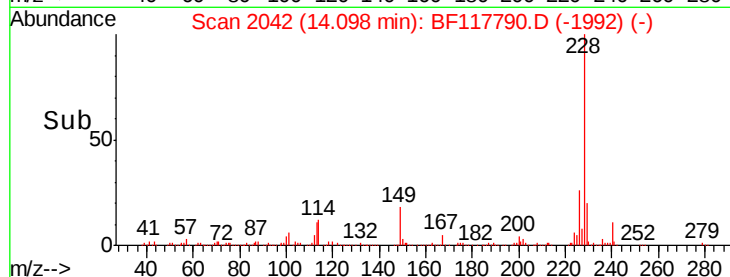
229 19.8 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 10.837 ng

RT: 14.06 min Scan# 2036

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

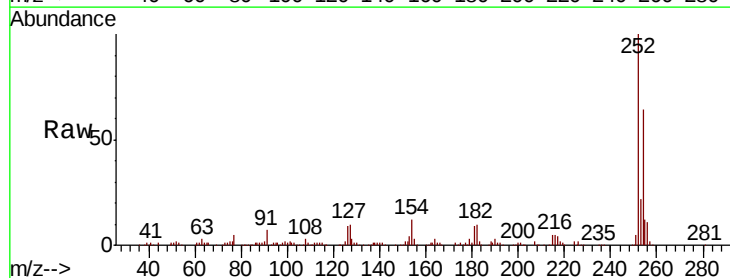
Tgt Ion:252 Resp: 183292

Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.6

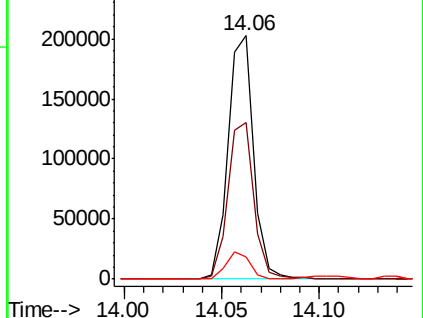
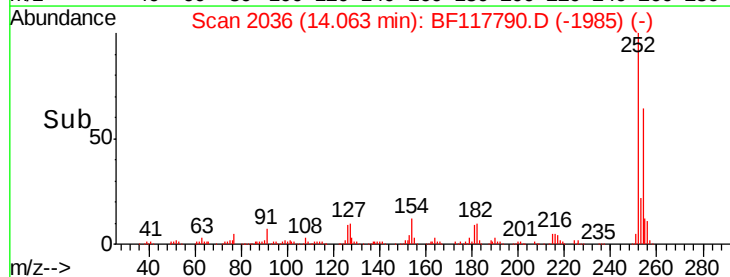
126 9.4 9.7 14.5#

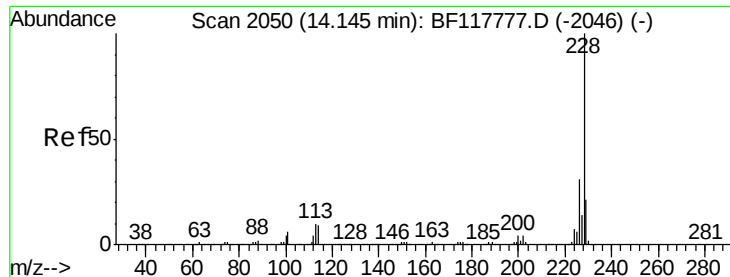


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 10.719 ng

RT: 14.14 min Scan# 2049

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

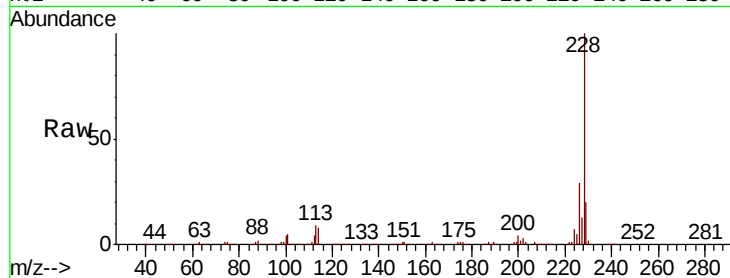
Tot Ion:228 Resp: 502229

Ion Ratio Lower Upper

228 100

226 29.2 25.0 37.4

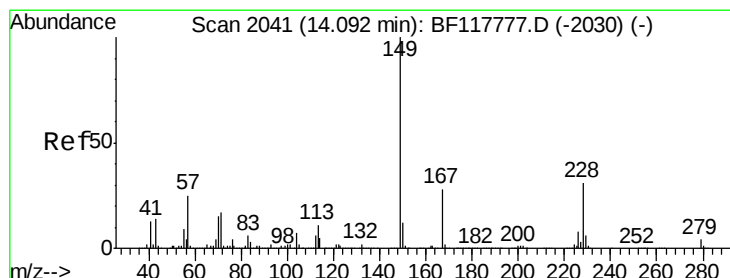
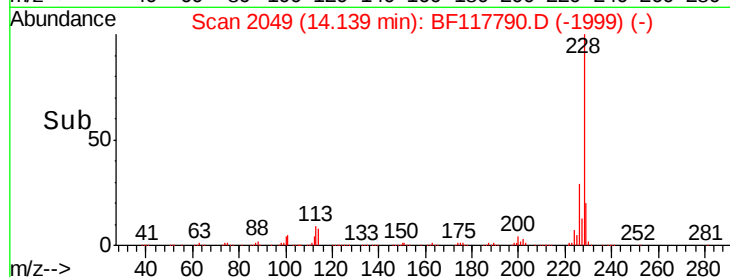
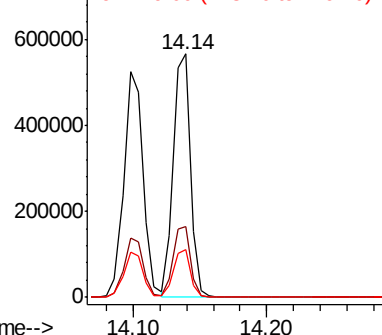
229 19.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.076 ng

RT: 14.09 min Scan# 2041

Delta R.T. -0.00 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

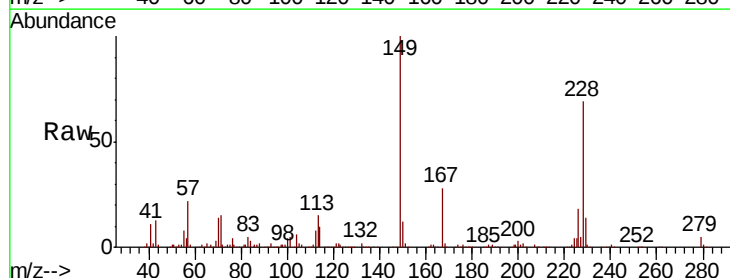
Tgt Ion:149 Resp: 310260

Ion Ratio Lower Upper

149 100

167 27.6 22.2 33.2

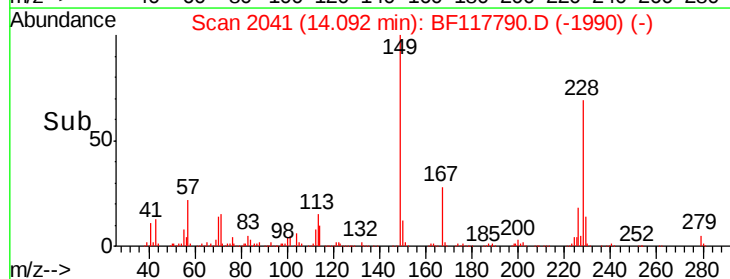
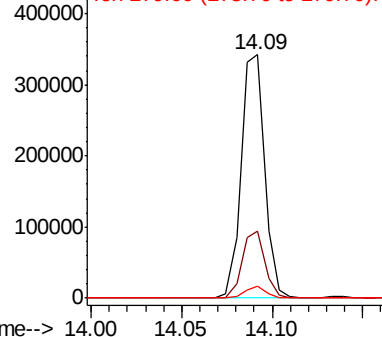
279 4.7 3.4 5.2

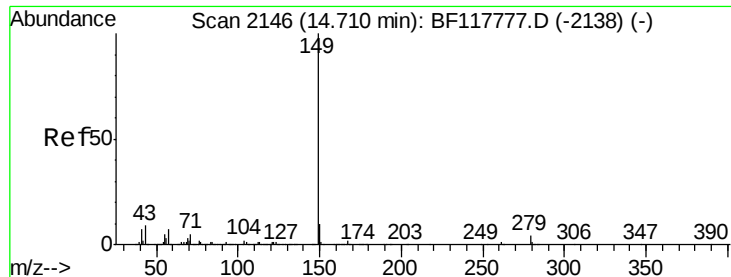


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 9.732 ng

RT: 14.70 min Scan# 2145

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

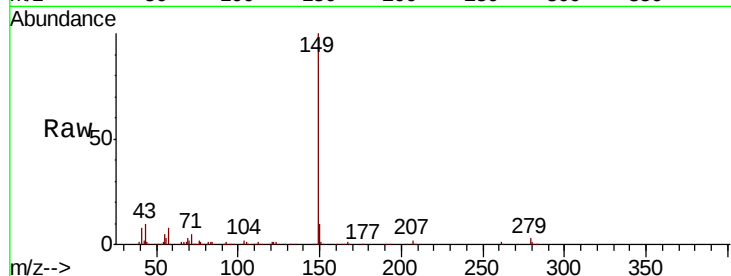
Tot Ion:149 Resp: 440232

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

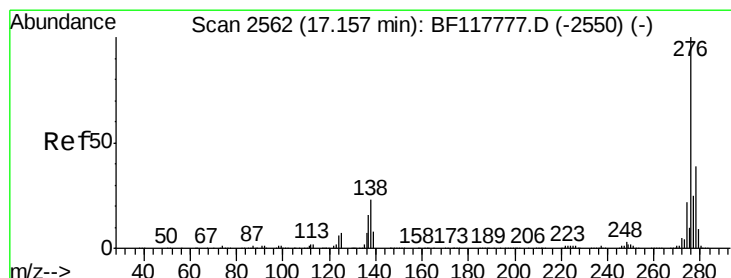
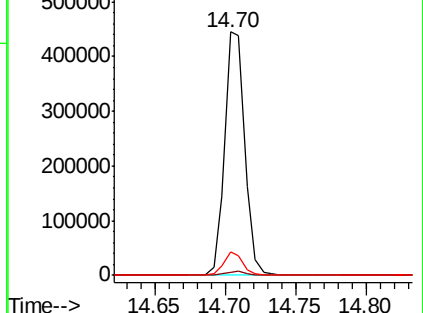
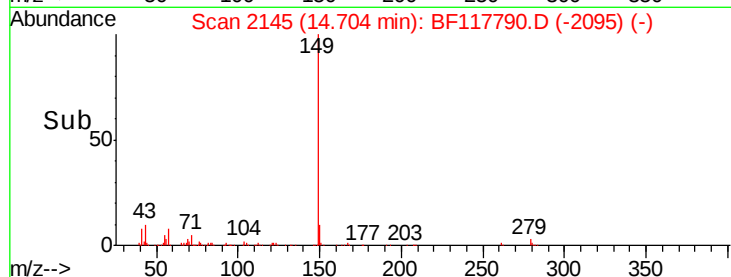
43 9.4 7.4 11.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 8.829 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.02 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

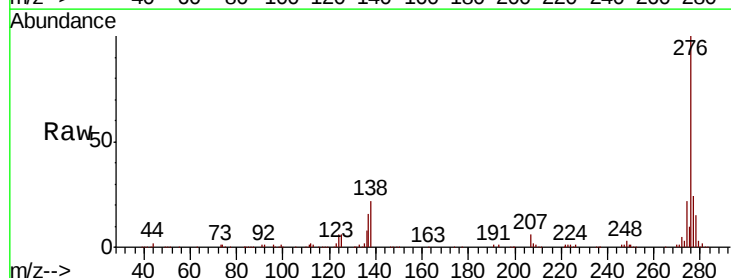
Tgt Ion:276 Resp: 352055

Ion Ratio Lower Upper

276 100

138 25.8 20.9 31.3

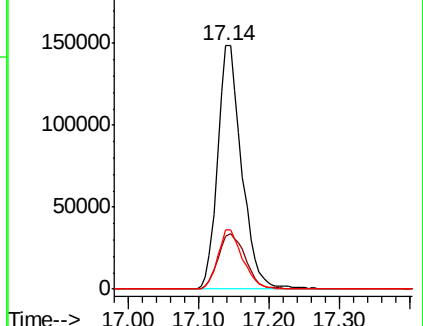
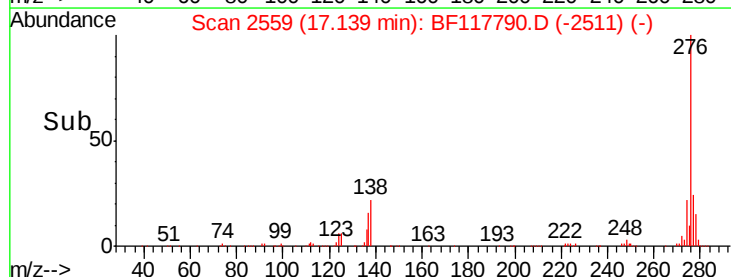
277 25.0 20.3 30.5

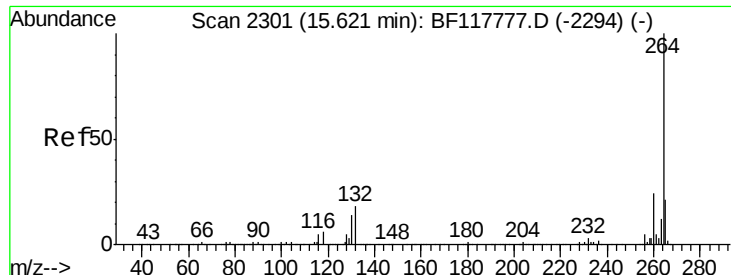


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



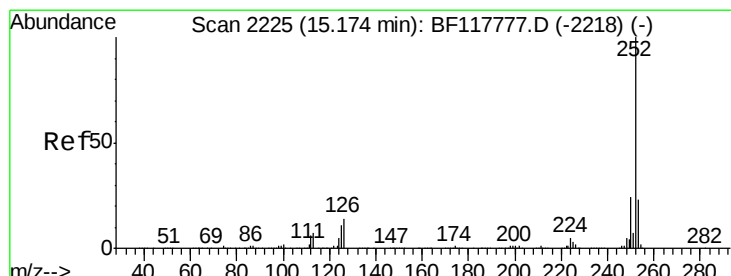
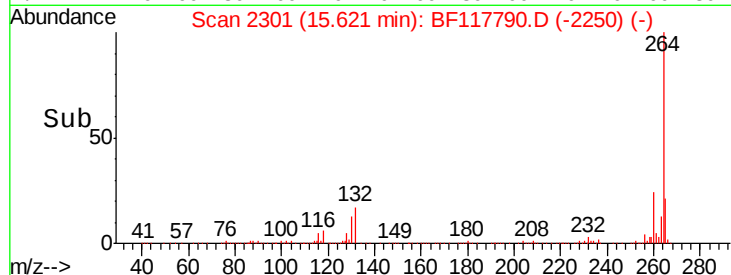
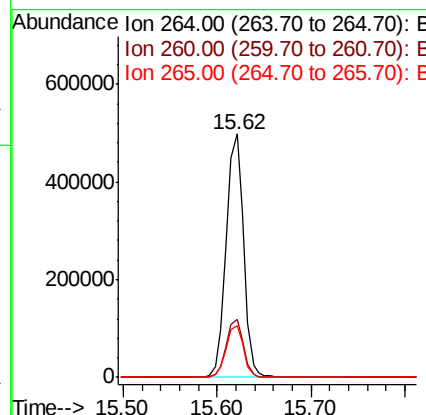
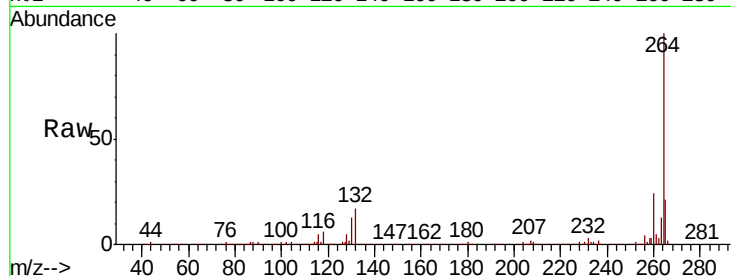


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

Tot Ion:264 Resp: 646546

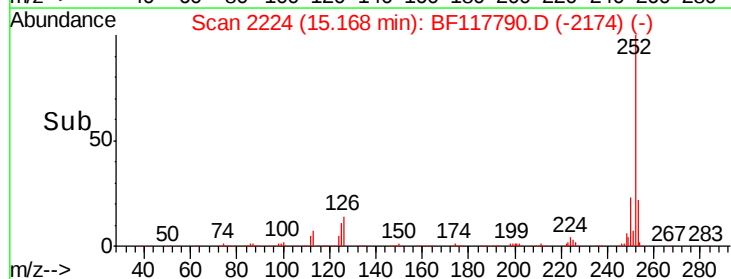
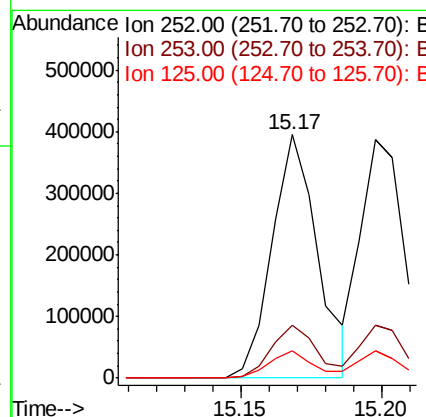
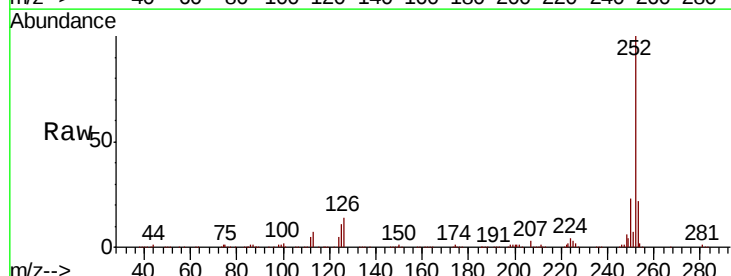
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	21.4	17.1	25.7

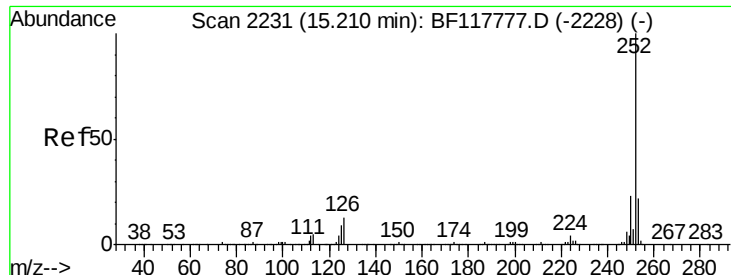


#88
Benzo(b)fluoranthene
Concen: 10.564 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:252 Resp: 443752

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.0	27.0
125	11.1	8.6	13.0

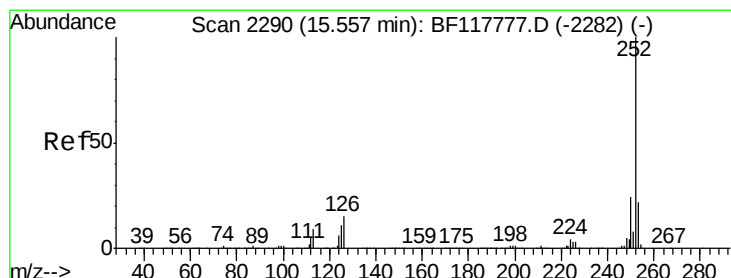
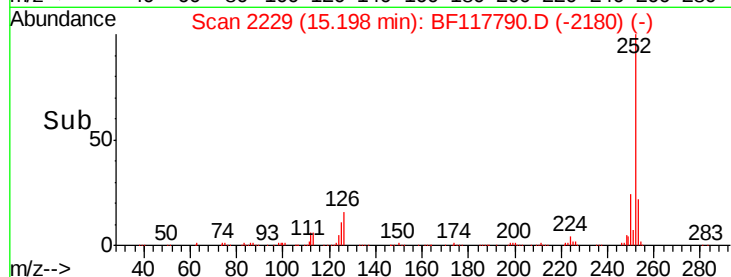
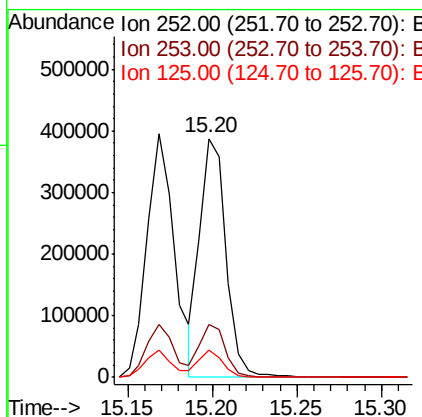
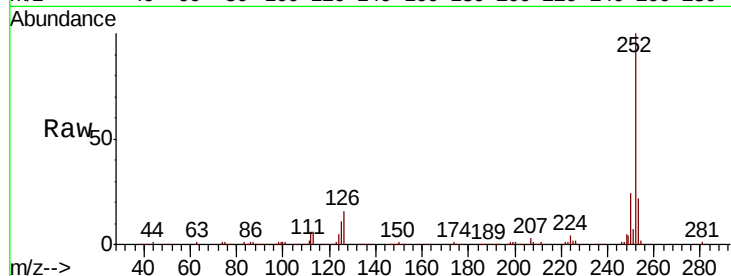




#89
Benzo(k)fluoranthene
Concen: 10.541 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

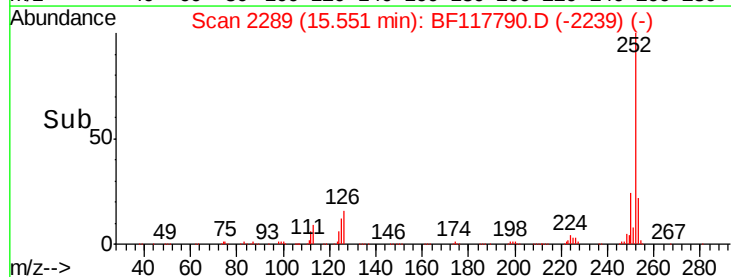
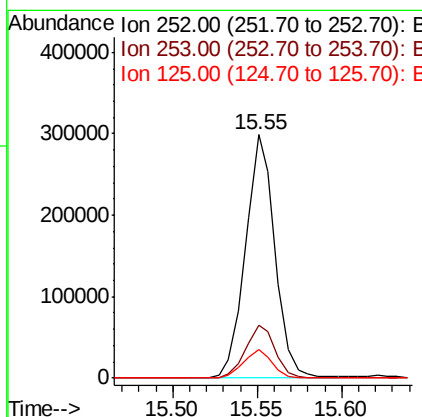
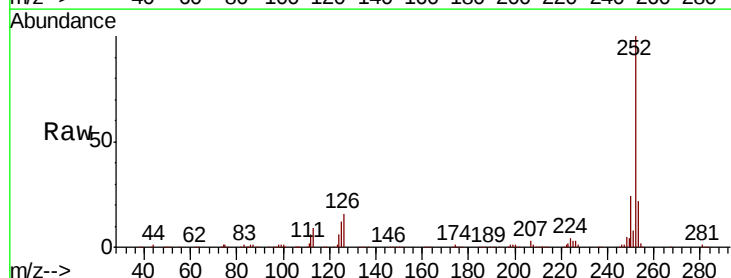
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2019

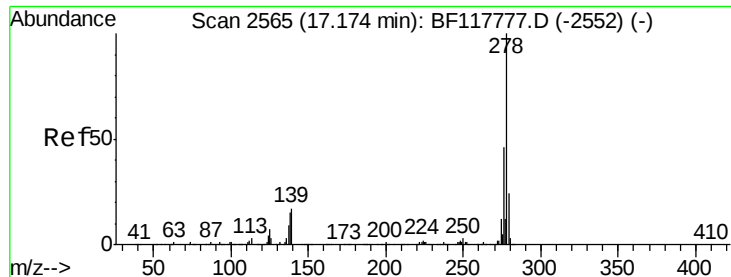
Tot Ion:252 Resp: 417196
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 11.4 7.9 11.9



#90
Benzo(a)pyrene
Concen: 9.836 ng
RT: 15.55 min Scan# 2289
Delta R.T. -0.01 min
Lab File: BF117790.D
Acq: 14 Nov 2019 12:01

Tgt Ion:252 Resp: 363322
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 11.9 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 9.255 ng

RT: 17.16 min Scan# 2563

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT4-2019

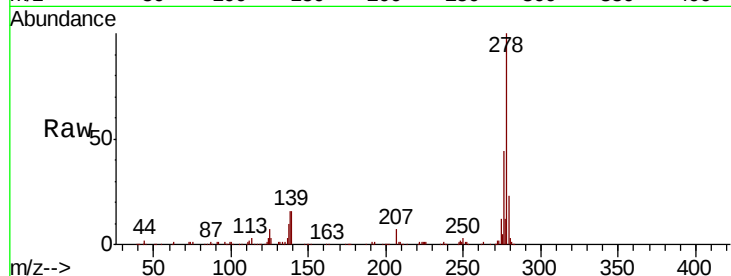
Tot Ion:278 Resp: 294235

Ion Ratio Lower Upper

278 100

139 15.5 13.8 20.8

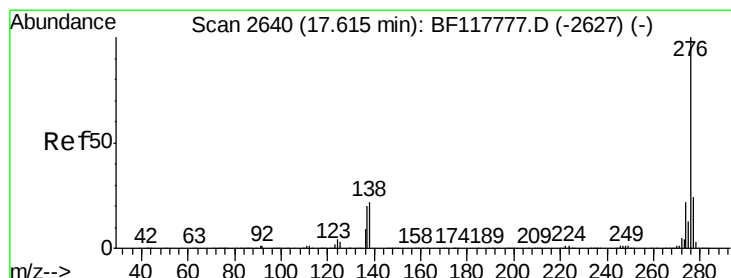
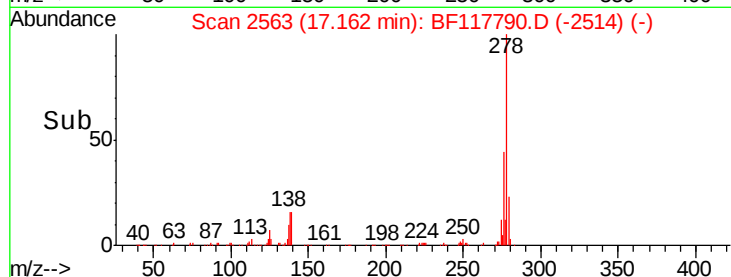
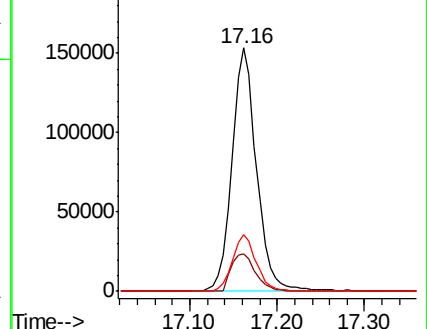
279 23.1 19.6 29.4



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: 9.003 ng

RT: 17.60 min Scan# 2638

Delta R.T. -0.01 min

Lab File: BF117790.D

Acq: 14 Nov 2019 12:01

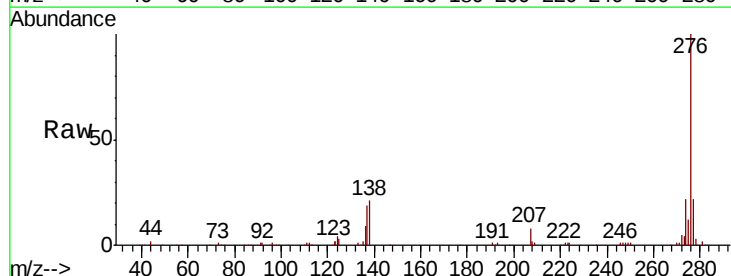
Tgt Ion:276 Resp: 285105

Ion Ratio Lower Upper

276 100

277 22.3 18.9 28.3

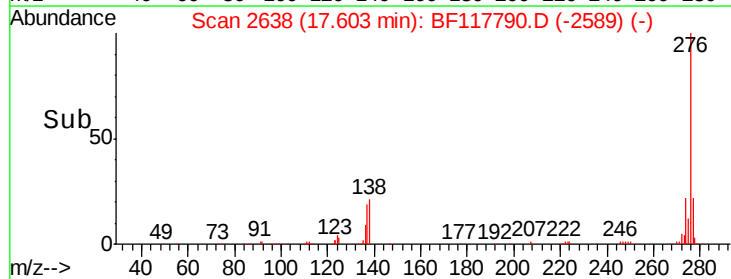
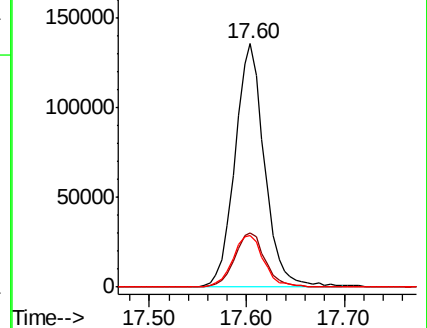
138 21.3 17.4 26.2



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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
 Data File : BF117790.D
 Acq On : 14 Nov 2019 12:01
 Operator : JU
 Sample : K5111-08
 Misc : LOO-WTR-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 10:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	251902	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	988568	20.00	ng	0.00
39) Acenaphthene-d10	9.97	164	535052	20.00	ng	0.00
64) Phenanthrene-d10	11.46	188	1018322	20.00	ng	0.00
76) Chrysene-d12	14.11	240	731709	20.00	ng	0.00
87) Perylene-d12	15.62	264	646546	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	1911961	134.35	ng	0.00
7) Phenol-d6	6.55	99	2300866	134.05	ng	0.00
23) Nitrobenzene-d5	7.49	82	1674807	100.71	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	767872	135.56	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	2976754	99.81	ng	0.00
79) Terphenyl-d14	13.06	244	3497803	87.37	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.72	88	69232	10.408 ng	98
3) Pyridine	3.52	79	169309	9.703 ng	97
4) n-Nitrosodimethylamine	3.41	42	80351	10.549 ng	96
6) Aniline	6.59	93	264660	11.668 ng	99
8) 2-Chlorophenol	6.71	128	180531	11.691 ng	94
9) Benzaldehyde	6.47	77	148385	13.839 ng	100
10) Phenol	6.56	94	205291	11.509 ng	96
11) bis(2-Chloroethyl)ether	6.66	93	166360	11.614 ng	97
12) 1,3-Dichlorobenzene	6.86	146	203108	11.172 ng	98
13) 1,4-Dichlorobenzene	6.94	146	209519	11.402 ng	99
14) 1,2-Dichlorobenzene	7.10	146	197338	11.229 ng	98
15) Benzyl Alcohol	7.06	79	138770	10.472 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.20	45	241561	10.954 ng	99
17) 2-Methylphenol	7.16	107	149943	11.466 ng	98
18) Hexachloroethane	7.44	117	72924	10.803 ng	92
19) n-Nitroso-di-n-propylamine	7.33	70	127082	12.001 ng	98
20) 3+4-Methylphenols	7.32	107	194179	11.962 ng	97
22) Acetophenone	7.33	105	260132	11.712 ng	# 96
24) Nitrobenzene	7.50	77	197645	11.521 ng	98
25) Isophorone	7.74	82	344377	11.299 ng	97
26) 2-Nitrophenol	7.82	139	90032	10.782 ng	97
27) 2,4-Dimethylphenol	7.85	122	156628	12.071 ng	100
28) bis(2-Chloroethoxy)methane	7.95	93	214235	11.076 ng	99
29) 2,4-Dichlorophenol	8.06	162	151835	10.788 ng	98
30) 1,2,4-Trichlorobenzene	8.15	180	175780	10.767 ng	99
31) Naphthalene	8.23	128	559725	12.145 ng	97
32) Benzoic acid	7.92	122	68266	6.284 ng	96
33) 4-Chloroaniline	8.27	127	226575	10.982 ng	99
34) Hexachlorobutadiene	8.35	225	98607	10.331 ng	99
35) Caprolactam	8.61	113	47779	10.681 ng	94
36) 4-Chloro-3-methylphenol	8.75	107	156771	10.976 ng	99
37) 2-Methylnaphthalene	8.92	142	385759	12.388 ng	98
38) 1-Methylnaphthalene	9.02	142	361577	12.282 ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.09	216	168040	10.814 ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111419\
 Data File : BF117790.D
 Acq On : 14 Nov 2019 12:01
 Operator : JU
 Sample : K5111-08
 Misc : LOO-WTR-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

Quant Time: Nov 14 13:28:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF111319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 14 10:38:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.08	237	94502	10.853	nq	100
43) 2,4,6-Trichlorophenol	9.20	196	111857	10.050	nq	98
44) 2,4,5-Trichlorophenol	9.23	196	121625	10.525	nq	99
46) 1,1'-Biphenyl	9.39	154	474069	11.943	nq	97
47) 2-Chloronaphthalene	9.42	162	359271	11.002	nq	98
48) 2-Nitroaniline	9.50	65	96590	9.797	nq	92
49) Acenaphthylene	9.83	152	574482	12.066	nq	98
50) Dimethylphthalate	9.68	163	416195	11.093	nq	99
51) 2,6-Dinitrotoluene	9.75	165	89018	10.856	nq	90
52) Acenaphthene	10.00	154	344551	11.297	nq	99
53) 3-Nitroaniline	9.91	138	95361	9.719	nq	97
54) 2,4-Dinitrophenol	10.02	184	29455	8.091	nq	# 17
55) Dibenzofuran	10.17	168	507649	12.020	nq	98
56) 4-Nitrophenol	10.06	139	73452	10.029	nq	99
57) 2,4-Dinitrotoluene	10.15	165	113835	10.913	nq	98
58) Fluorene	10.52	166	388096	11.858	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.29	232	100587	10.594	nq	98
60) Diethylphthalate	10.39	149	408925	11.179	nq	99
61) 4-Chlorophenyl-phenylether	10.51	204	194258	11.696	nq	98
62) 4-Nitroaniline	10.52	138	95067	9.677	nq	97
63) Azobenzene	10.67	77	387132	11.633	nq	97
65) 4,6-Dinitro-2-methylphenol	10.56	198	44914	9.448	nq	91
66) n-Nitrosodiphenylamine	10.63	169	341742	11.531	nq	100
67) 4-Bromophenyl-phenylether	11.00	248	119922	10.914	nq	94
68) Hexachlorobenzene	11.07	284	140153	10.939	nq	99
69) Atrazine	11.15	200	98588	10.113	nq	98
70) Pentachlorophenol	11.26	266	72672	9.709	nq	99
71) Phenanthrene	11.49	178	604511	11.807	nq	98
72) Anthracene	11.54	178	611496	12.046	nq	98
73) Carbazole	11.69	167	524226	11.818	nq	98
74) Di-n-butylphthalate	12.02	149	635814	11.512	nq	98
75) Fluoranthene	12.68	202	609159	12.299	nq	99
77) Benzidine	12.80	184	273562	11.414	nq	# 95
78) Pyrene	12.91	202	633103	10.706	nq	98
80) Butylbenzylphthalate	13.53	149	235595	9.276	nq	97
81) Benzo(a)anthracene	14.10	228	526623	10.891	nq	98
82) 3,3'-Dichlorobenzidine	14.06	252	183292	10.837	nq	# 98
83) Chrysene	14.14	228	502229	10.719	nq	97
84) Bis(2-ethylhexyl)phthalate	14.09	149	310260	10.076	nq	100
85) Di-n-octyl phthalate	14.70	149	440232	9.732	nq	100
86) Indeno(1,2,3-cd)pyrene	17.14	276	352055	8.829	nq	99
88) Benzo(b)fluoranthene	15.17	252	443752	10.564	nq	98
89) Benzo(k)fluoranthene	15.20	252	417196	10.541	nq	98
90) Benzo(a)pyrene	15.55	252	363322	9.836	nq	99
91) Dibenzo(a,h)anthracene	17.16	278	294235	9.255	nq	97
92) Benzo(g,h,i)perylene	17.60	276	285105	9.003	nq	98

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