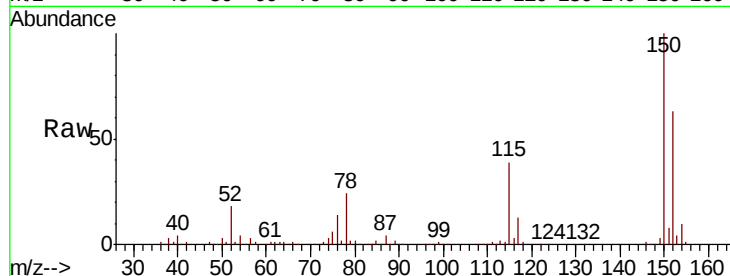


#1

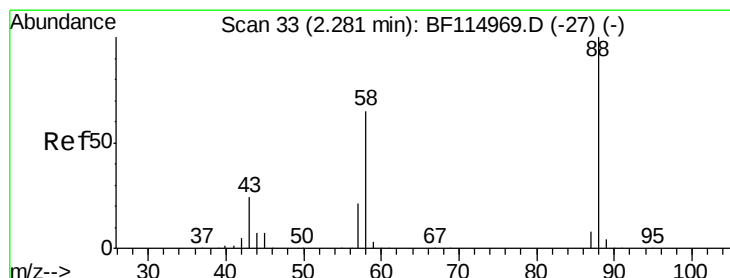
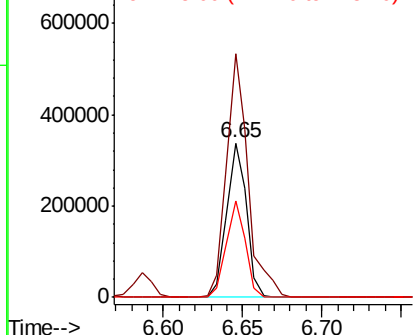
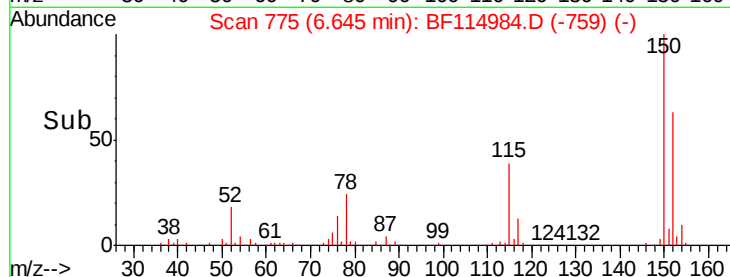
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.65 min Scan# 775
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:152 Resp: 292481
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 62.0 46.0 69.0



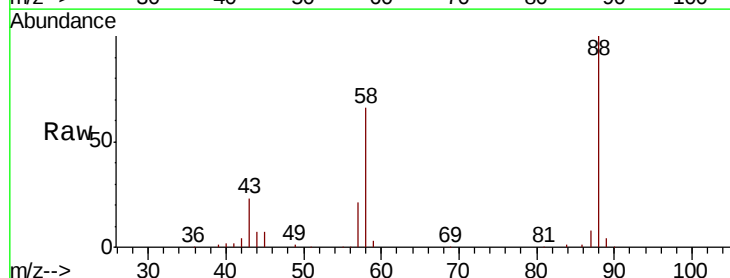
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



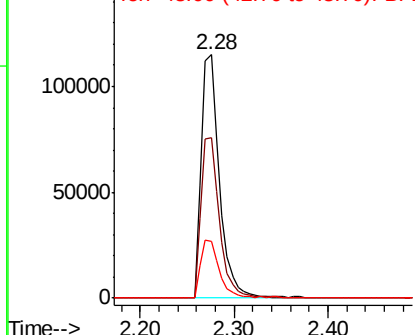
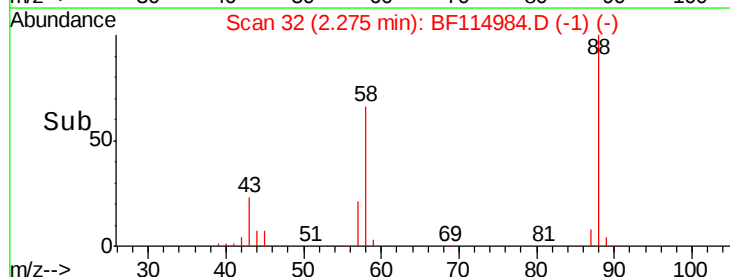
#2

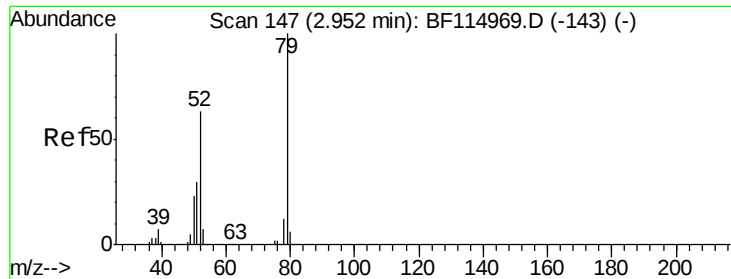
1,4-Dioxane
Concen: 19.128 ng
RT: 2.28 min Scan# 32
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion: 88 Resp: 156828
Ion Ratio Lower Upper
88 100
58 66.1 53.4 80.2
43 25.3 19.7 29.5



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





#3

Pvridine

Concen: 16.112 ng

RT: 2.96 min Scan# 149

Delta R.T. 0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

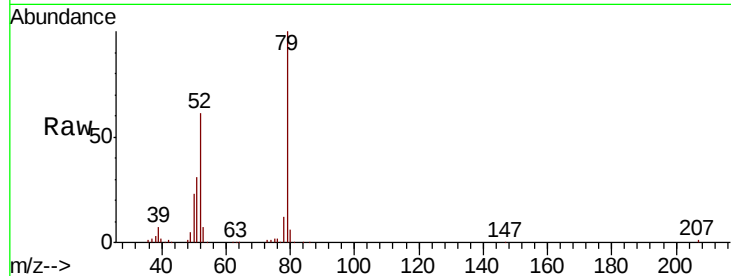
Tot Ion: 79 Resp: 371931

Ion Ratio Lower Upper

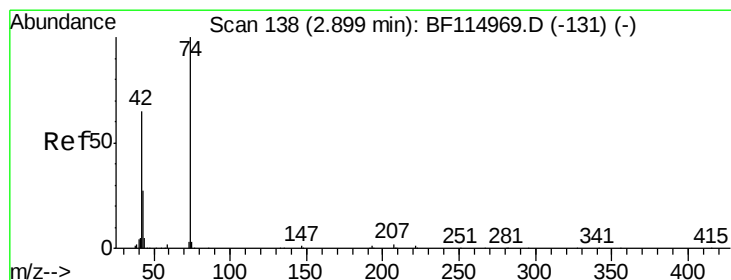
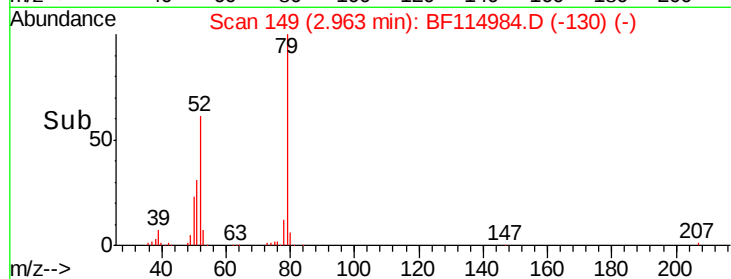
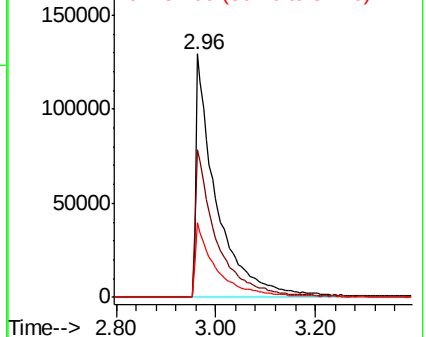
79 100

52 60.8 50.3 75.5

51 30.8 24.4 36.6



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



#4

n-Nitrosodimethylamine

Concen: 17.823 ng

RT: 2.88 min Scan# 134

Delta R.T. -0.02 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

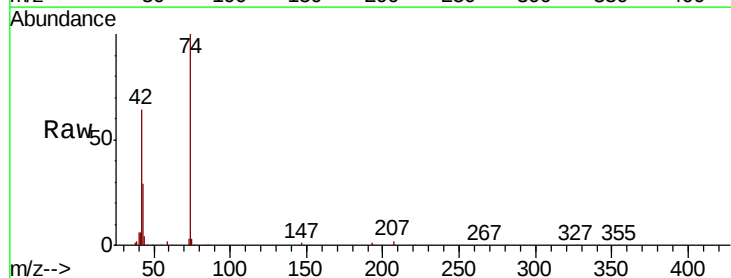
Tgt Ion: 42 Resp: 146063

Ion Ratio Lower Upper

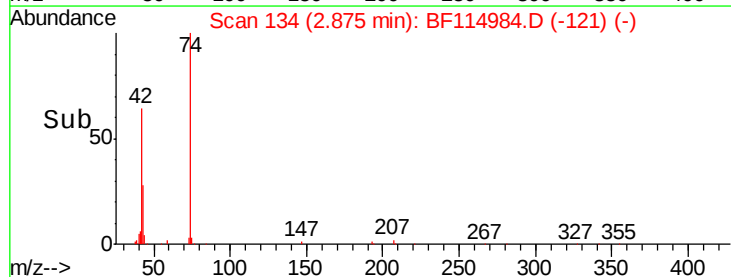
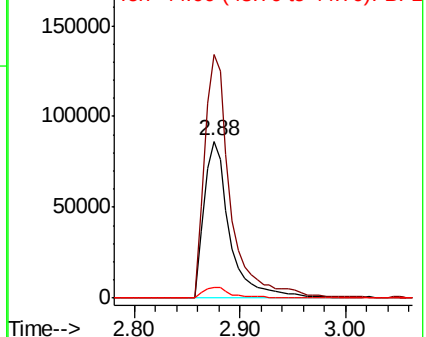
42 100

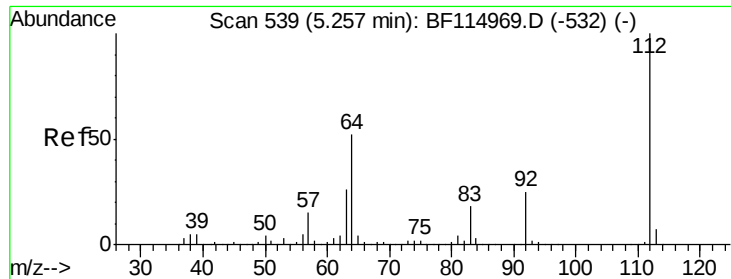
74 155.4 122.2 183.2

44 7.0 5.8 8.8



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





#5

2-Fluorophenol

Concen: 77.132 ng

RT: 5.25 min Scan# 538

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

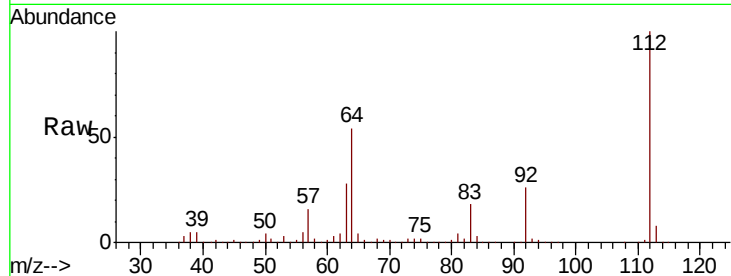
Tot Ion:112 Resp: 1351045

Ion Ratio Lower Upper

112 100

64 53.8 41.6 62.4

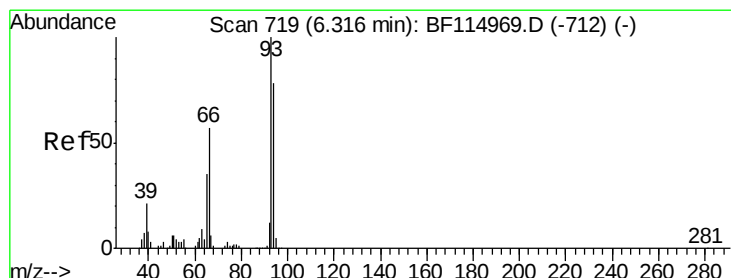
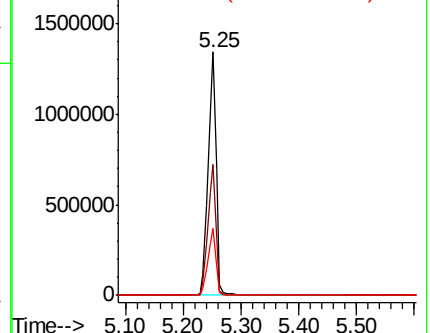
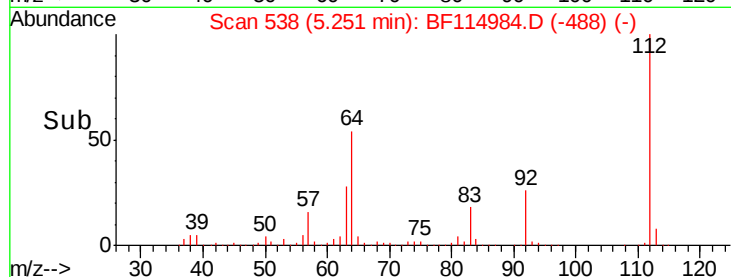
63 27.6 20.9 31.3



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: 19.245 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

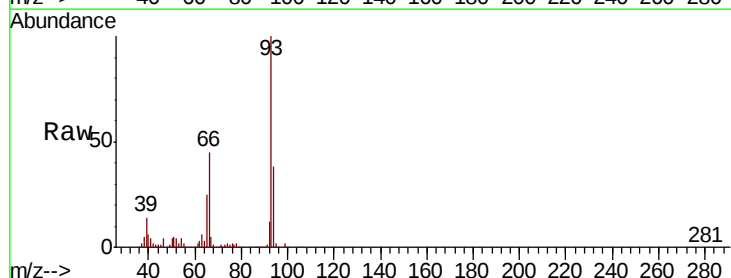
Tgt Ion: 93 Resp: 544568

Ion Ratio Lower Upper

93 100

66 44.7 46.2 69.2#

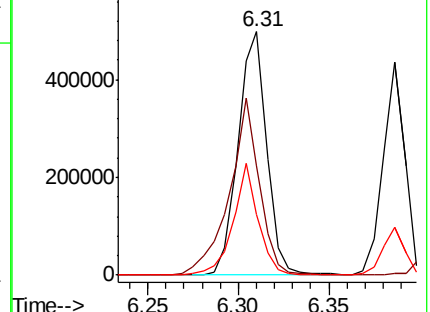
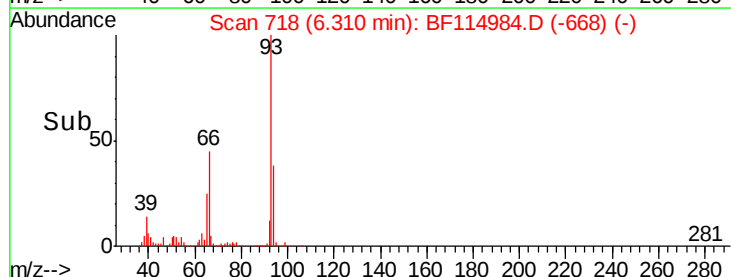
65 24.8 27.7 41.5#

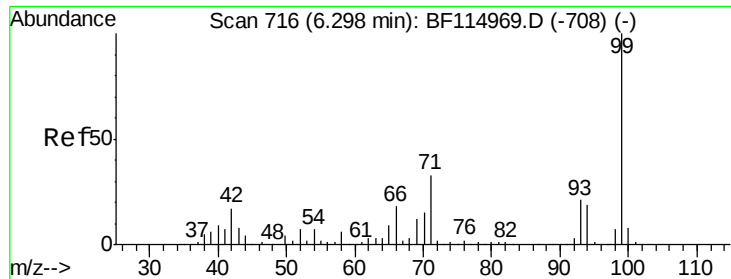


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.071 ng

RT: 6.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

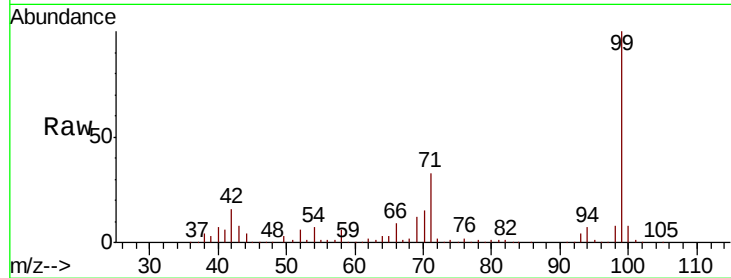
BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 99 Resp: 1712989

Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.4	20.2
71	33.0	26.4	39.6

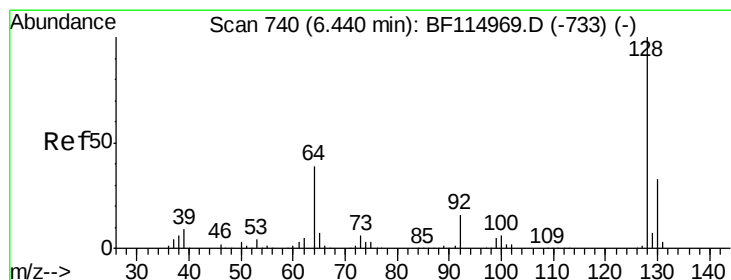
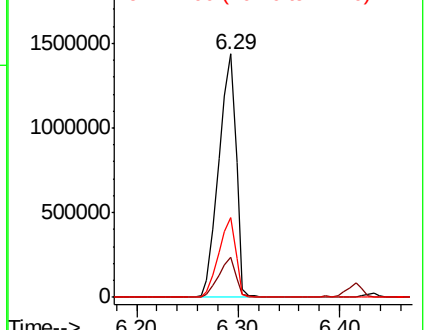
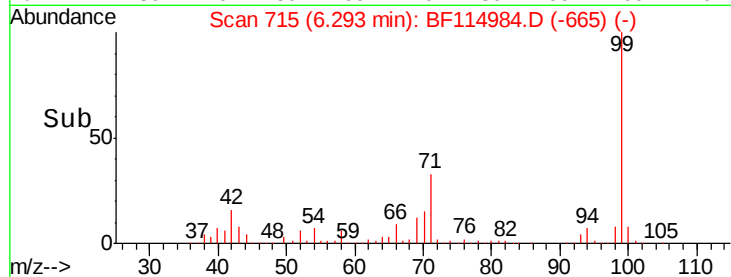


Abundance

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: 19.750 ng

RT: 6.43 min Scan# 739

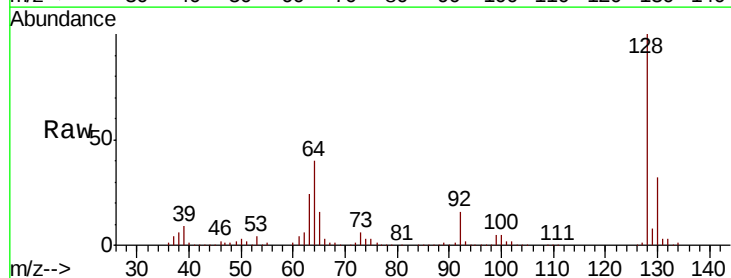
Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Tgt Ion: 128 Resp: 392267

Ion	Ratio	Lower	Upper
128	100		
130	32.3	13.4	53.4
64	39.9	20.1	60.1

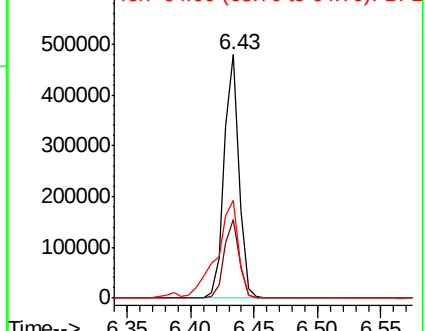
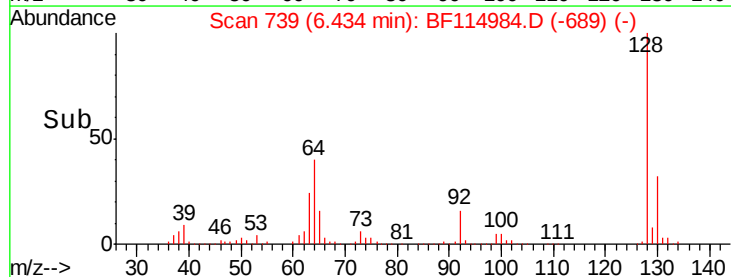


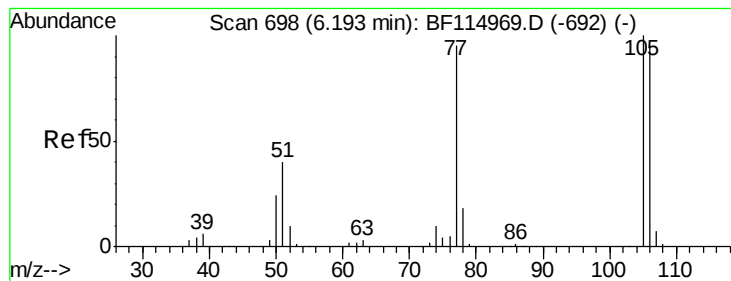
Abundance

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: 25.858 ng

RT: 6.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

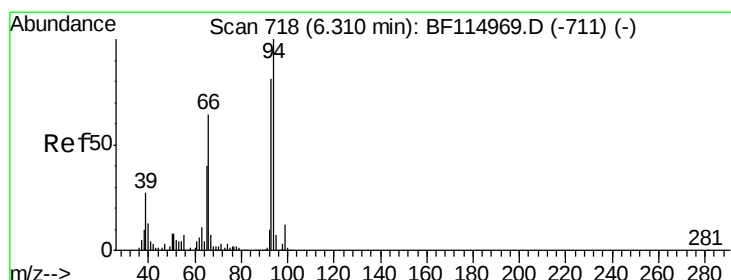
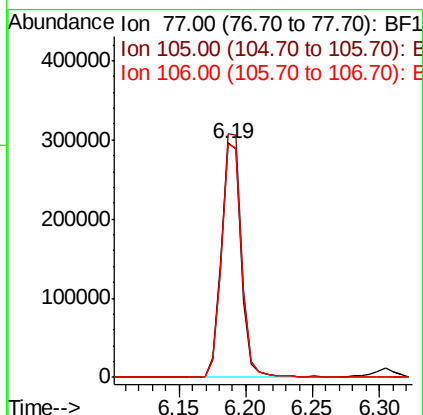
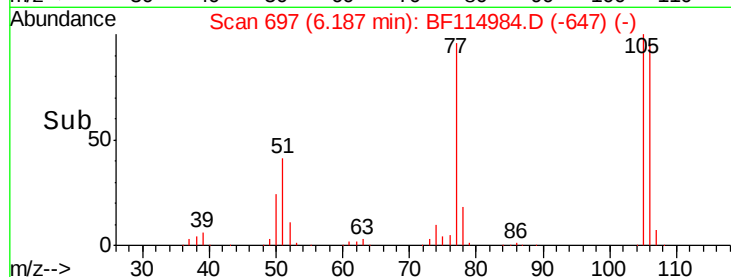
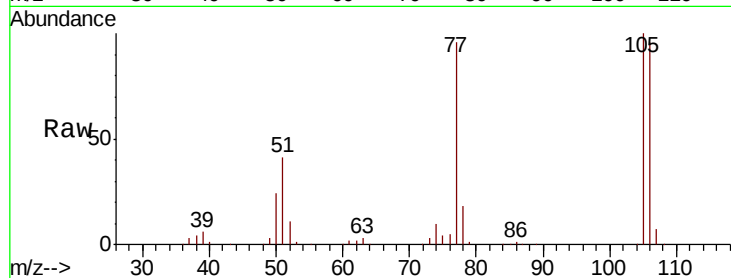
Tot Ion: 77 Resp: 314101

Ion Ratio Lower Upper

77 100

105 103.8 85.1 125.1

106 99.7 80.0 120.0



#10

Phenol

Concen: 19.926 ng

RT: 6.30 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

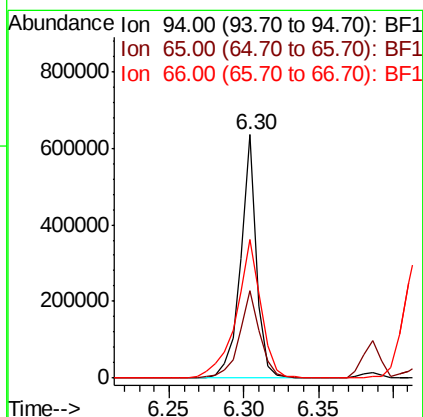
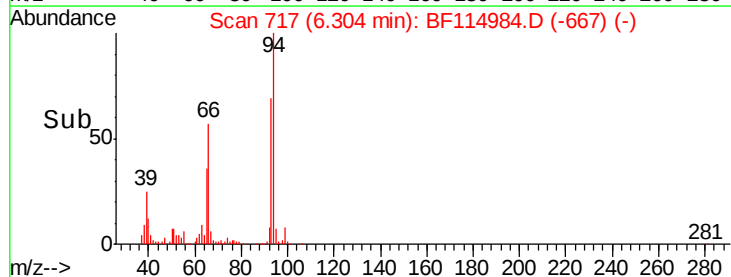
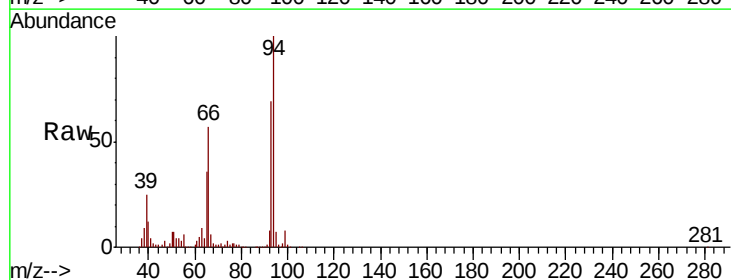
Tgt Ion: 94 Resp: 471043

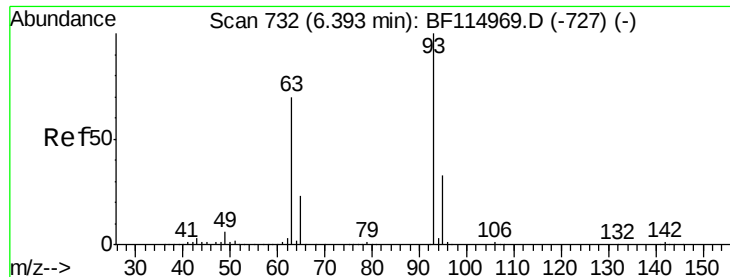
Ion Ratio Lower Upper

94 100

65 36.1 20.0 60.0

66 57.2 44.1 84.1

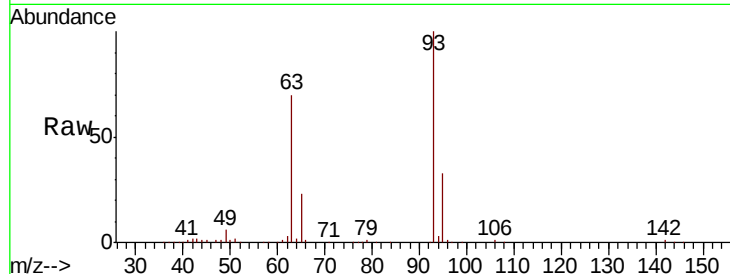




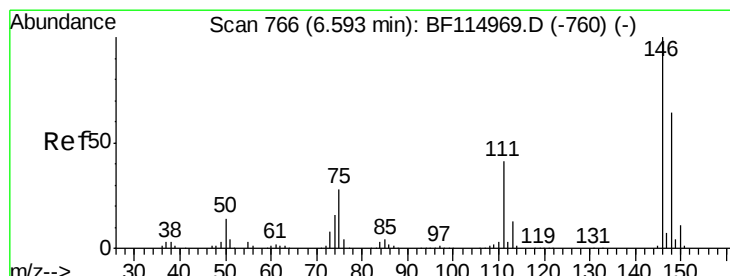
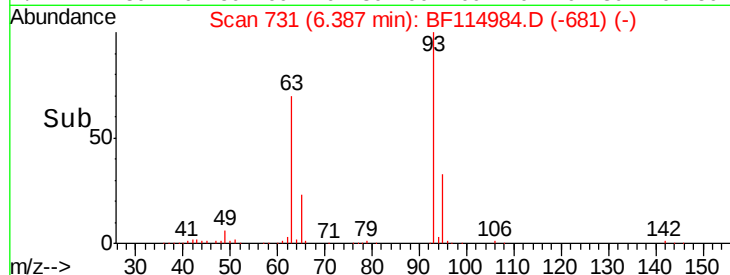
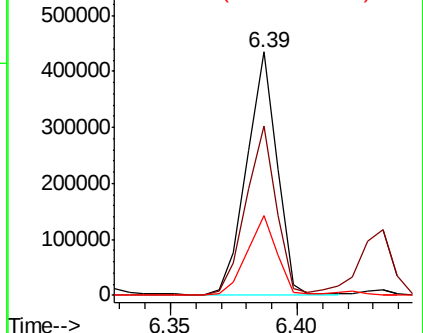
#11
bis(2-Chloroethyl)ether
Concen: 19.580 ng
RT: 6.39 min Scan# 731
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion: 93 Resp: 359263
Ion Ratio Lower Upper
93 100
63 69.8 49.8 89.8
95 32.7 13.3 53.3

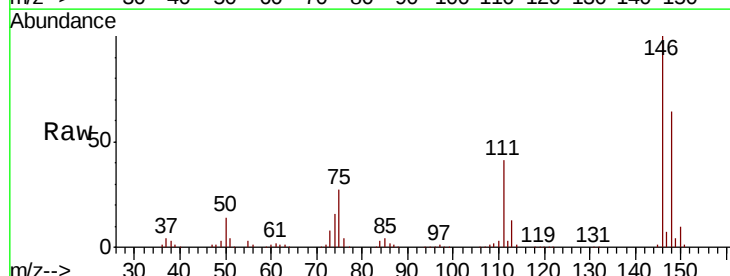


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

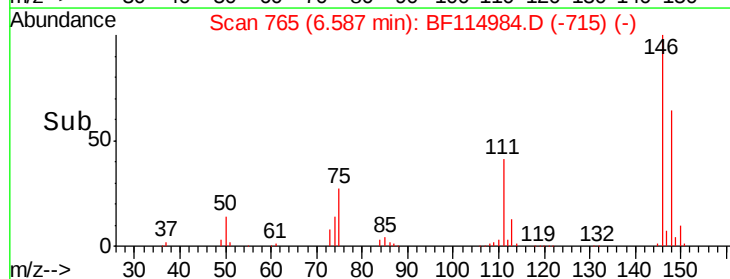
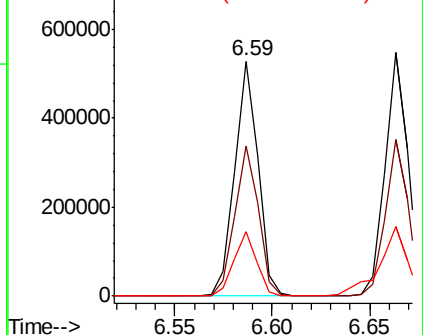


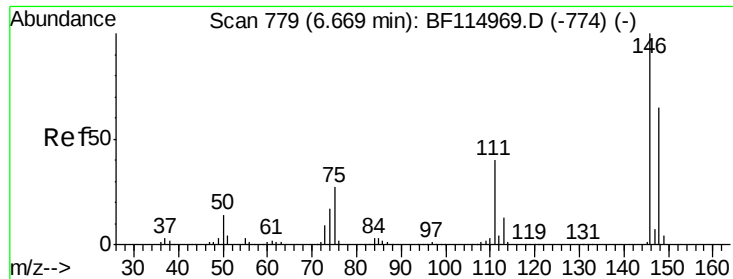
#12
1,3-Dichlorobenzene
Concen: 18.994 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion: 146 Resp: 440638
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
75 27.4 22.3 33.5



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

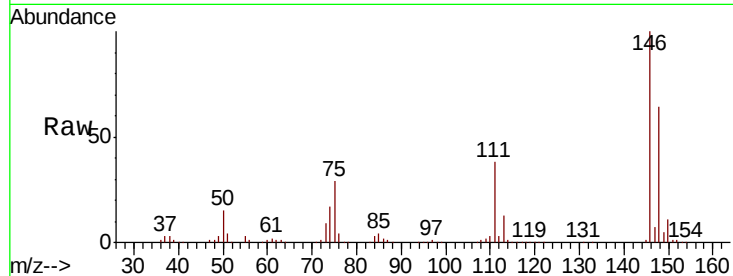




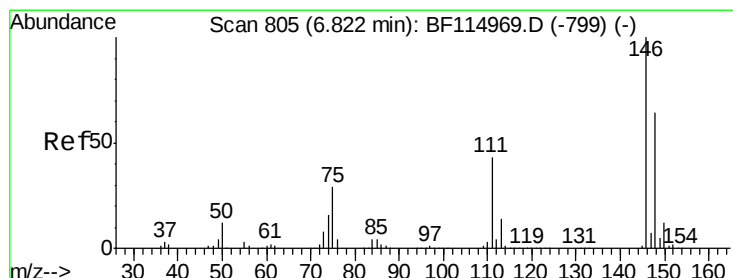
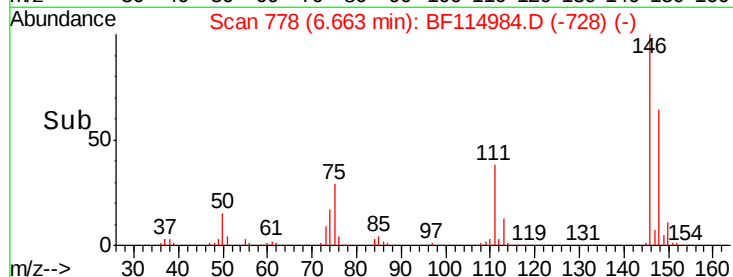
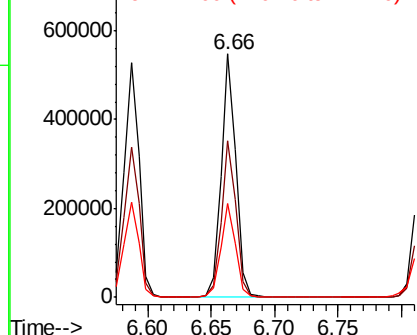
#13
 1,4-Dichlorobenzene
 Concen: 19.279 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:146 Resp: 449652
 Ion Ratio Lower Upper
 146 100
 148 64.3 52.2 78.2
 111 38.5 32.4 48.6

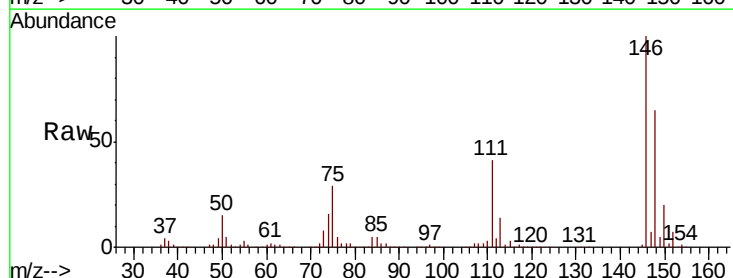


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

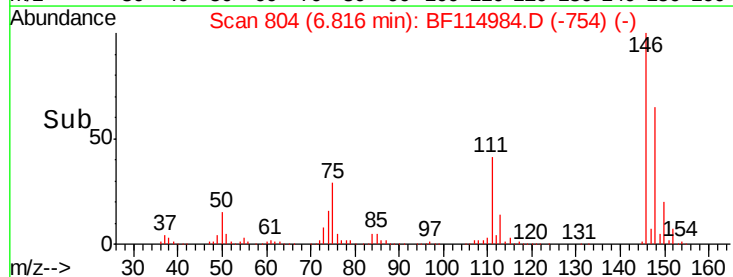
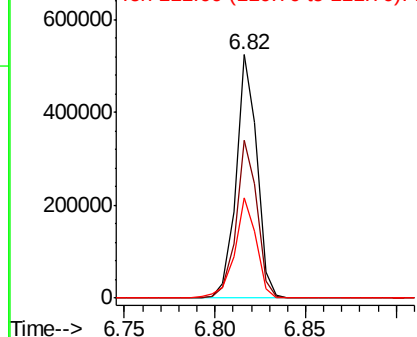


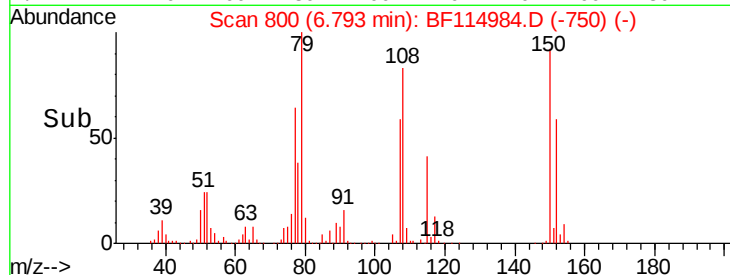
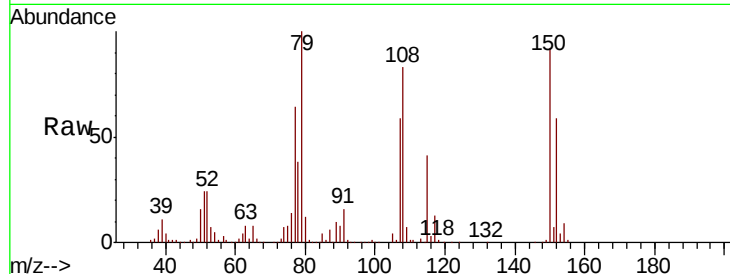
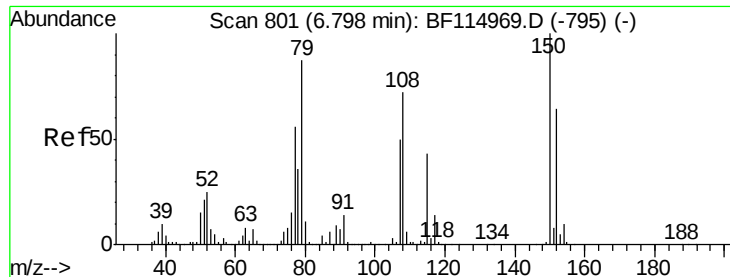
#14
 1,2-Dichlorobenzene
 Concen: 19.138 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:146 Resp: 420219
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.5 77.3
 111 41.4 34.6 51.8



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

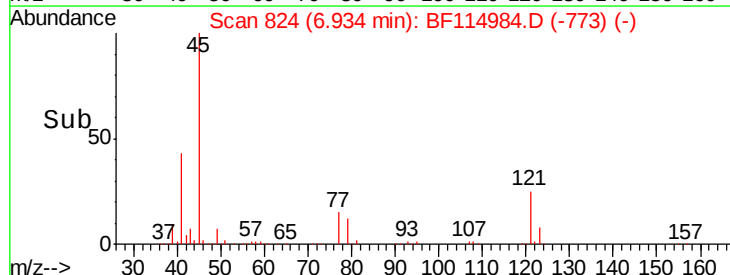
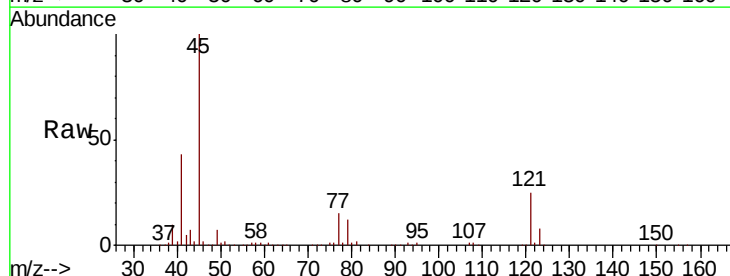
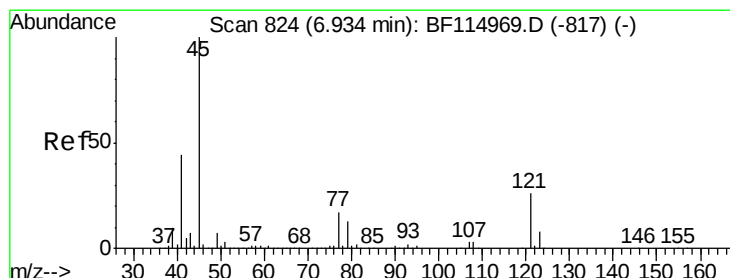
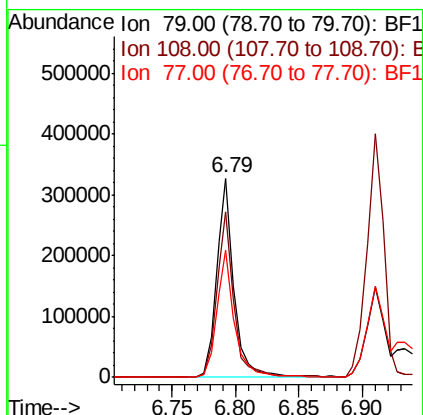




#15
Benzyl Alcohol
Concen: 19.960 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

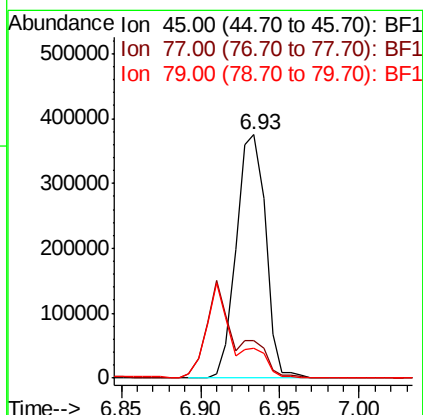
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

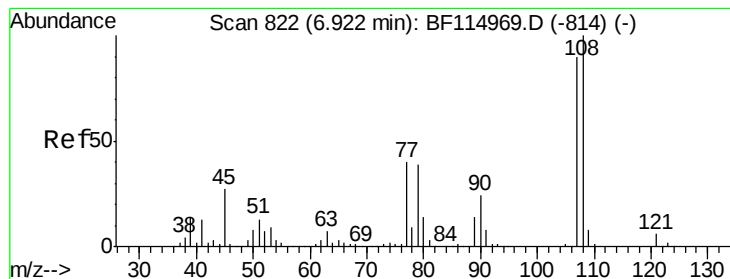
Tot Ion: 79 Resp: 315983
Ion Ratio Lower Upper
79 100
108 82.9 66.0 99.0
77 63.9 51.1 76.7



#16
2,2'-oxybis(1-Chloropropane)
Concen: 19.508 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.00 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion: 45 Resp: 479069
Ion Ratio Lower Upper
45 100
77 15.5 0.0 37.0
79 12.5 0.0 33.1





#17

2-Methylphenol

Concen: 19.482 ng

RT: 6.91 min Scan# 820

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:107 Resp: 322745

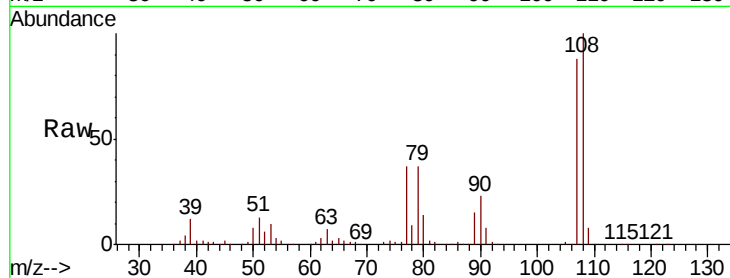
Ion Ratio Lower Upper

107 100

108 113.3 89.3 133.9

77 42.4 35.4 53.2

79 41.6 34.9 52.3

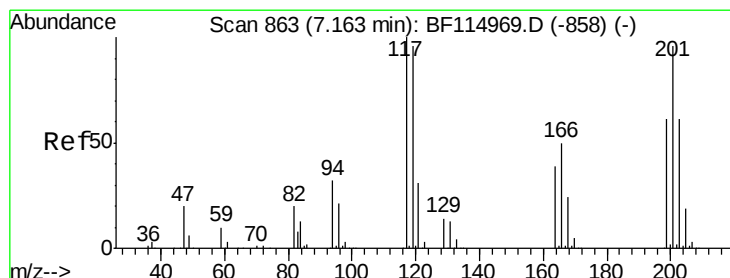
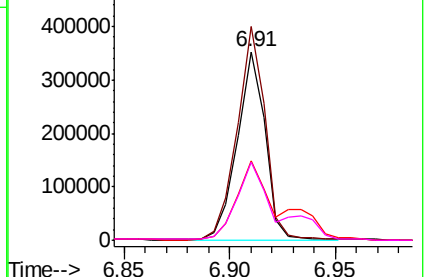
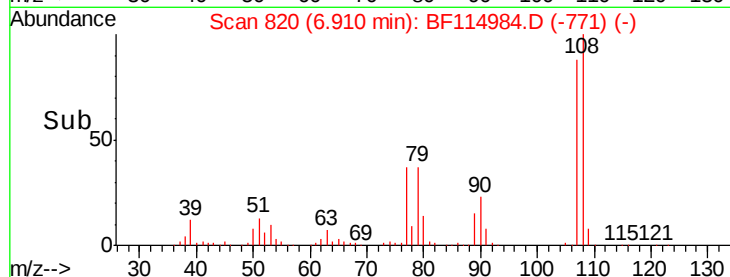


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 18.404 ng

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

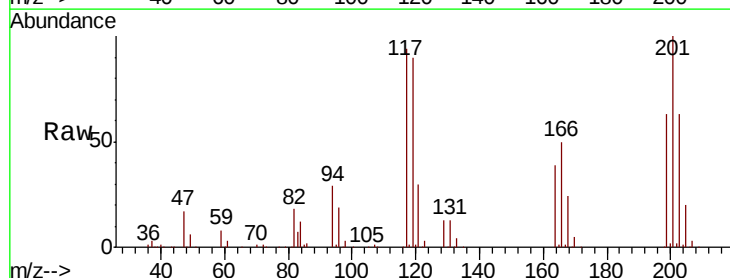
Tgt Ion:117 Resp: 155015

Ion Ratio Lower Upper

117 100

119 95.3 77.0 115.4

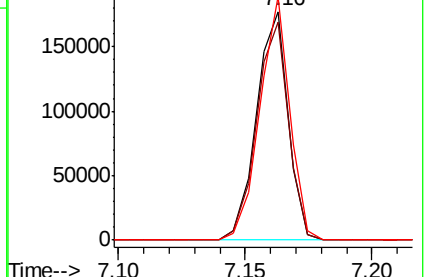
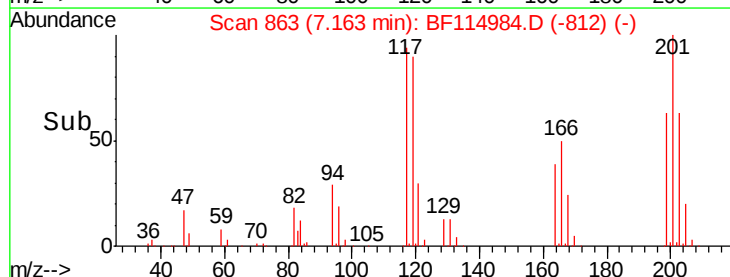
201 106.4 76.6 115.0

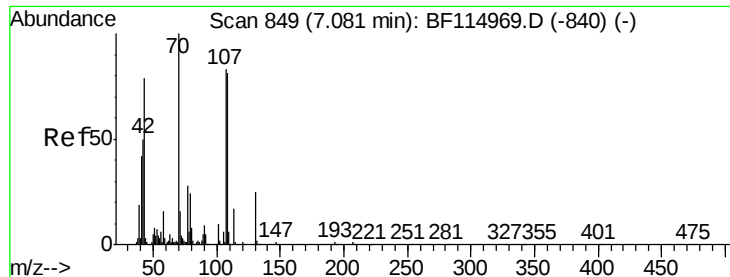


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

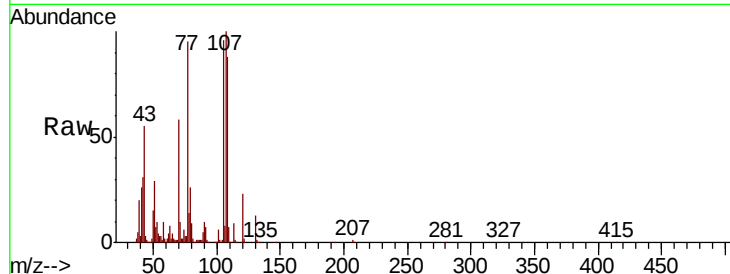




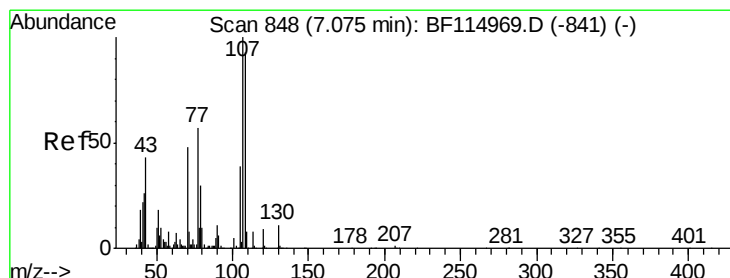
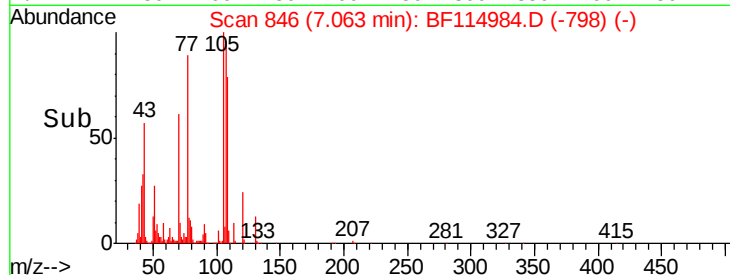
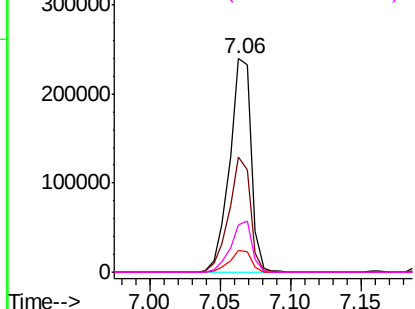
#19
n-Nitroso-di-n-propylamine
Concen: 19.948 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.02 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion: 70 Resp: 256080
Ion Ratio Lower Upper
70 100
42 54.0 40.3 60.5
101 9.9 8.2 12.4
130 22.1 20.3 30.5



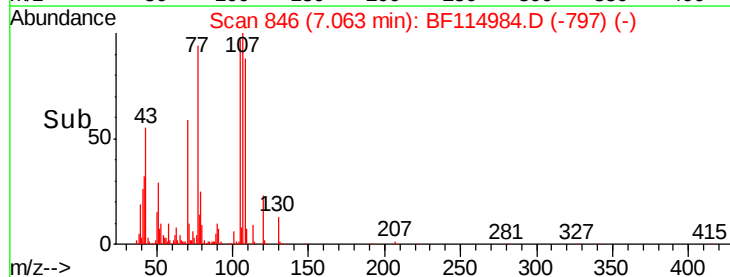
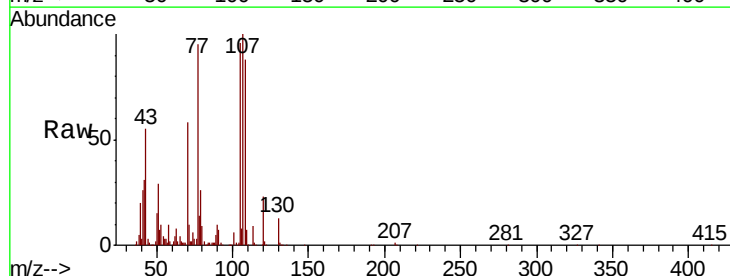
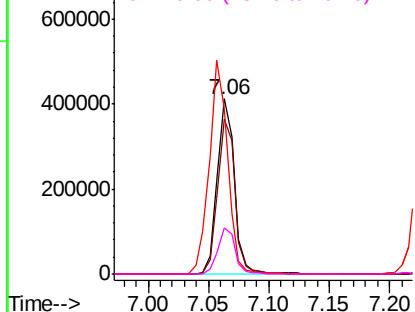
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

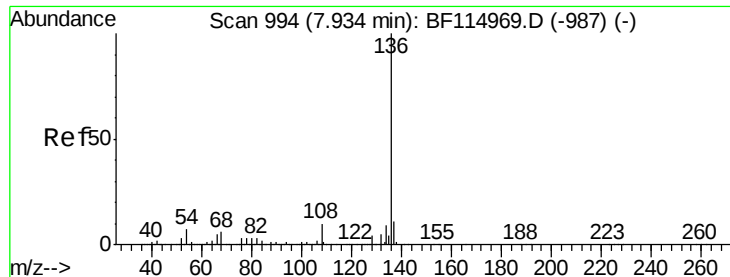


#20
3+4-Methylphenols
Concen: 20.194 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion: 107 Resp: 398153
Ion Ratio Lower Upper
107 100
108 88.2 73.1 113.1
77 94.6 37.3 77.3#
79 26.3 9.6 49.6

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.93 min Scan# 993

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:136 Resp: 1169766

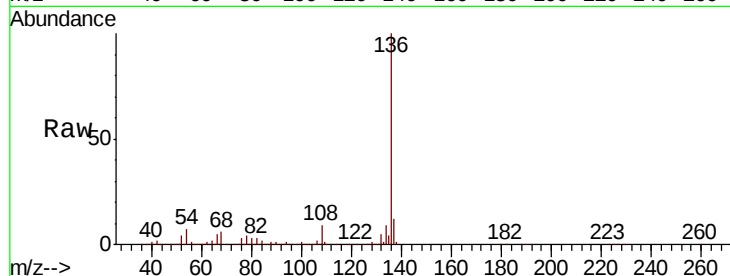
Ion Ratio Lower Upper

136 100

137 11.5 9.0 13.4

54 6.9 5.4 8.0

68 6.3 4.6 7.0

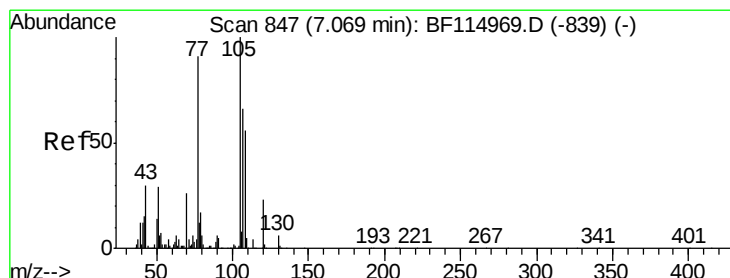
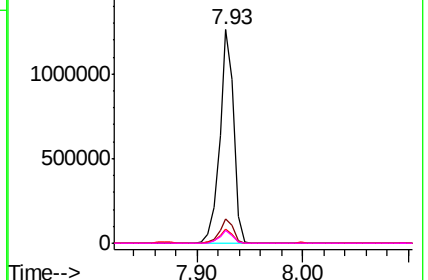
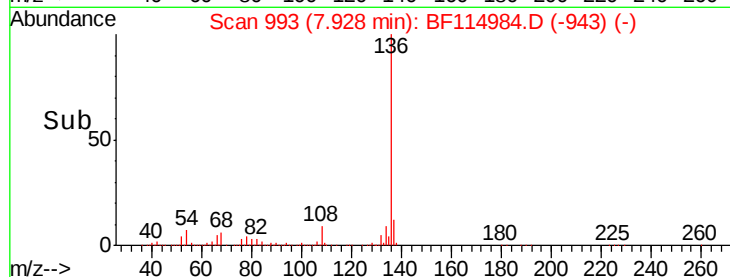


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.468 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Tgt Ion:105 Resp: 568458

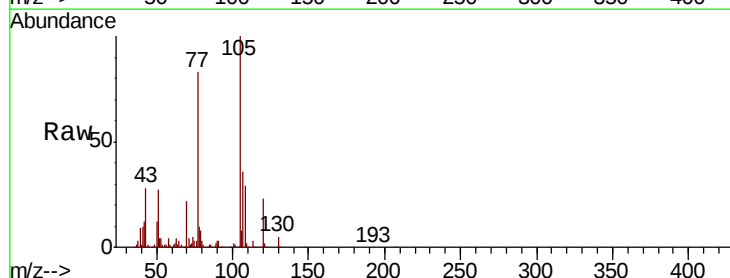
Ion Ratio Lower Upper

105 100

71 3.6 3.4 5.2

51 27.0 23.3 34.9

120 23.1 18.8 28.2

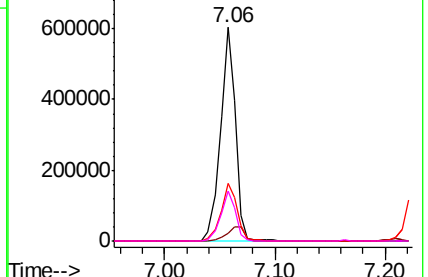
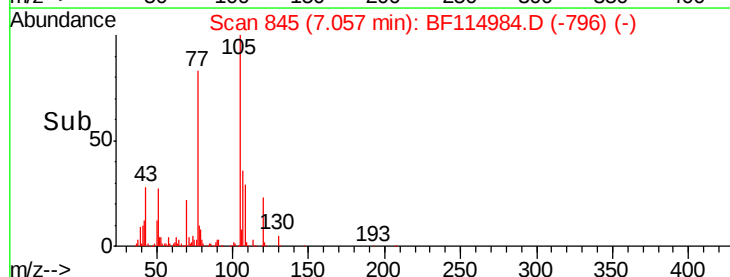


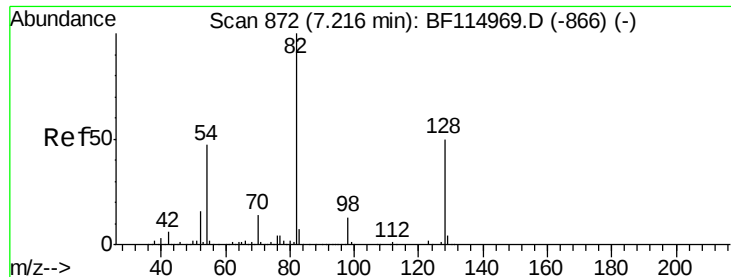
Abundance Ion 105.00 (104.70 to 105.70): E

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

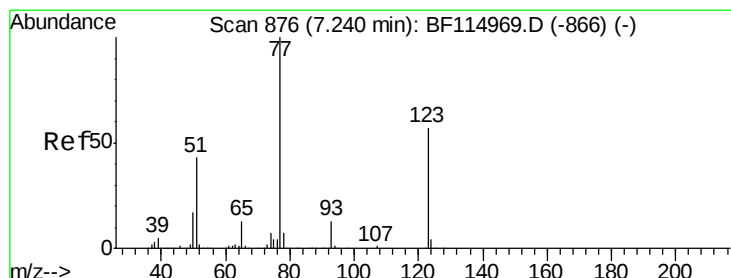
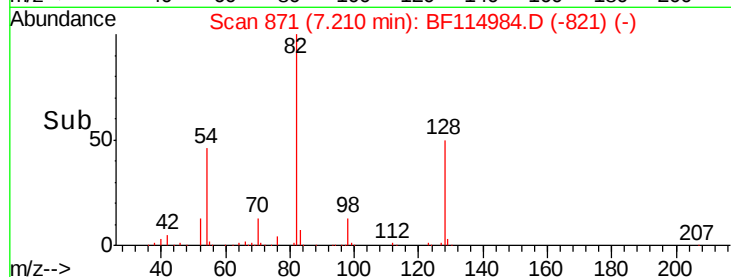
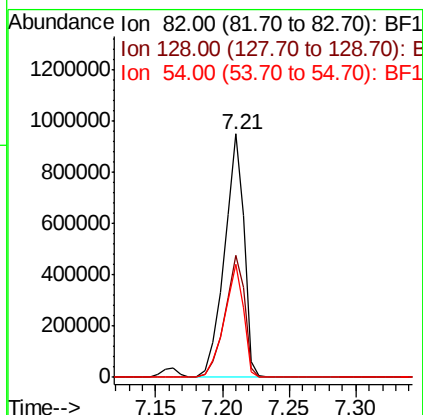
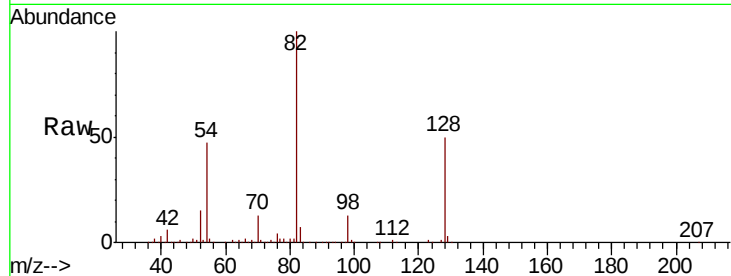




#23
 Nitrobenzene-d5
 Concen: 50.609 ng
 RT: 7.21 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

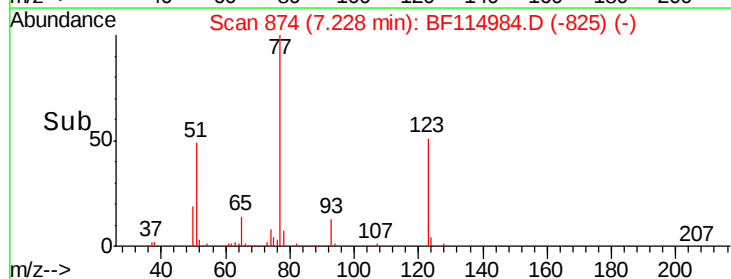
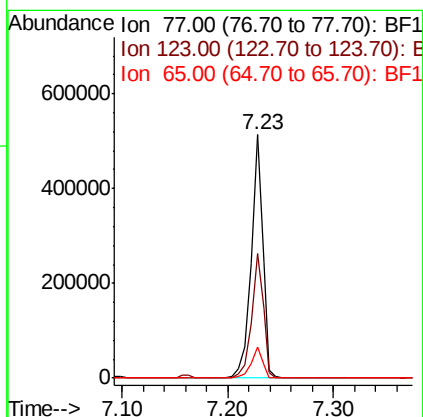
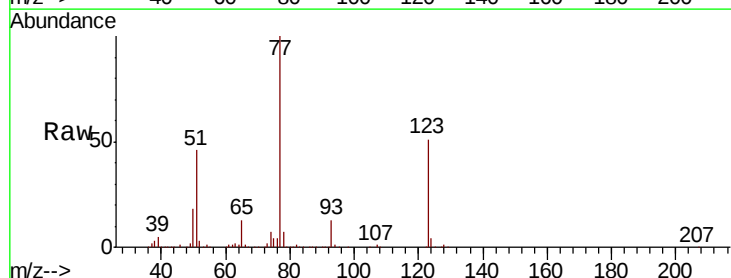
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

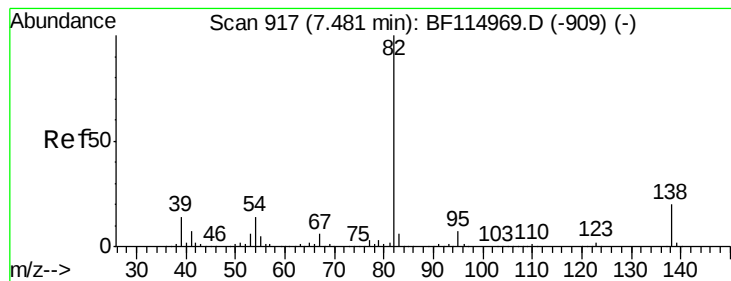
Tot Ion	82	Resp	983533
Ion Ratio	Lower	Upper	
82	100		
128	50.3	39.9	59.9
54	46.6	37.3	55.9



#24
 Nitrobenzene
 Concen: 19.910 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion	77	Resp	393679
Ion Ratio	Lower	Upper	
77	100		
123	51.1	45.5	68.3
65	12.9	10.3	15.5





#25

Isophorone

Concen: 19.678 ng

RT: 7.47 min Scan# 915

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

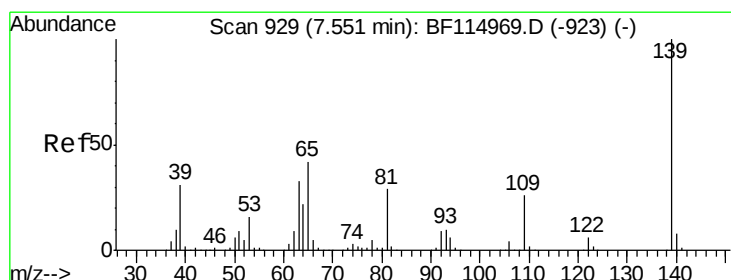
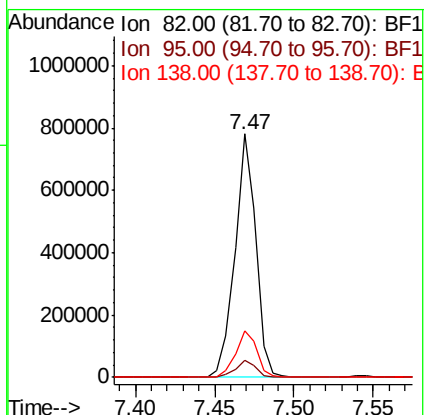
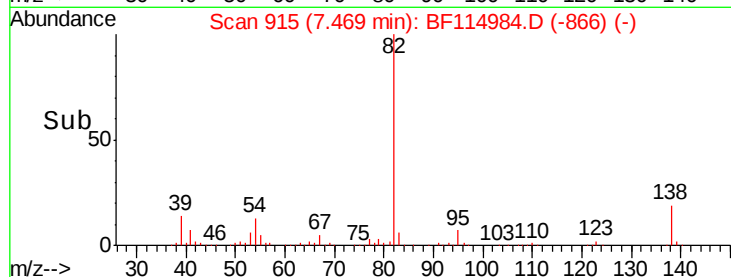
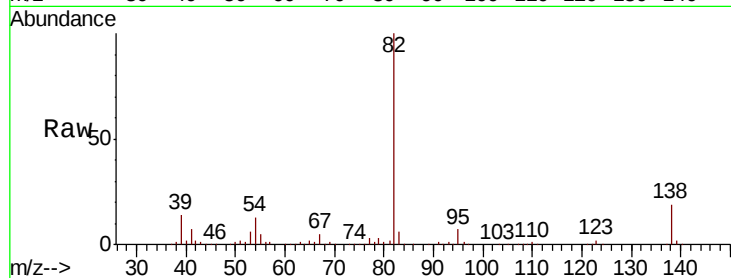
Tot Ion: 82 Resp: 716242

Ion Ratio Lower Upper

82 100

95 6.9 5.6 8.4

138 18.9 16.1 24.1



#26

2-Nitrophenol

Concen: 19.788 ng

RT: 7.55 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

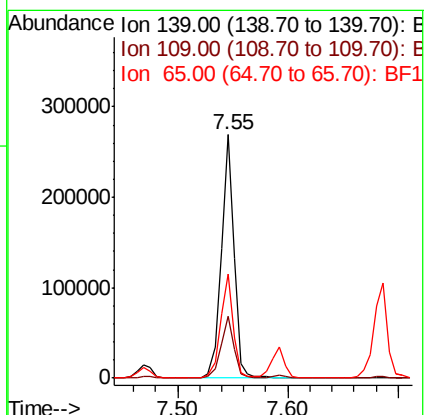
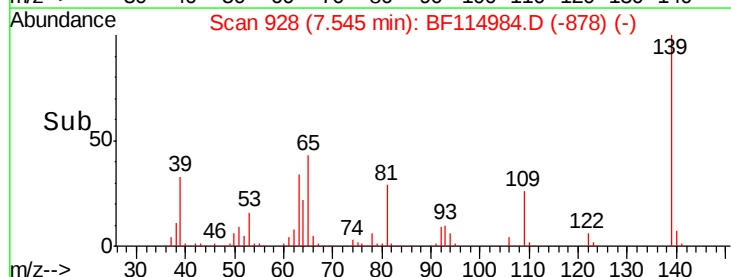
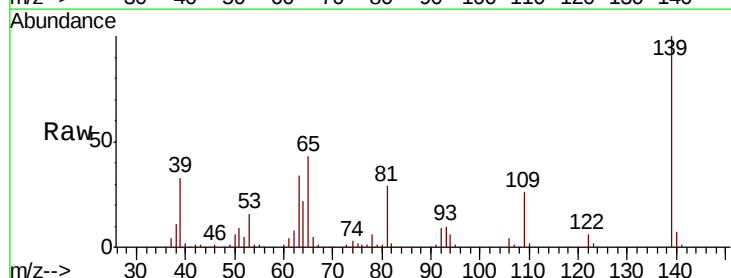
Tgt Ion: 139 Resp: 218084

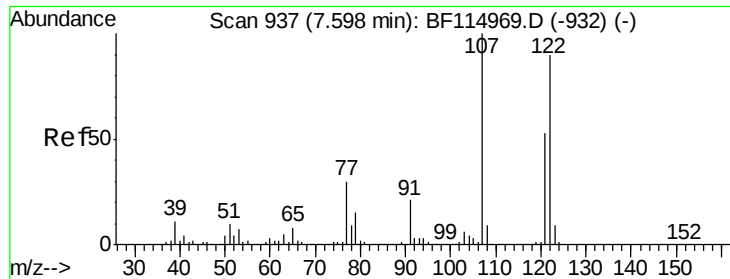
Ion Ratio Lower Upper

139 100

109 25.6 20.8 31.2

65 42.8 33.4 50.2





#27

2,4-Dimethylphenol

Concen: 21.133 ng

RT: 7.59 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

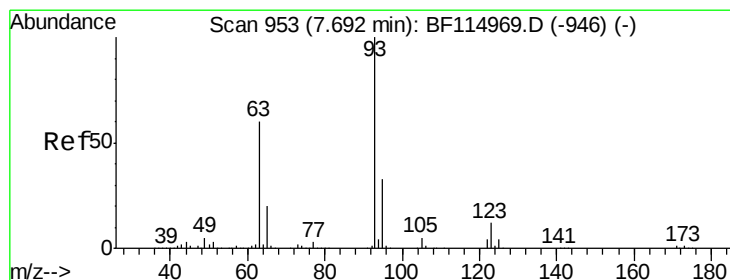
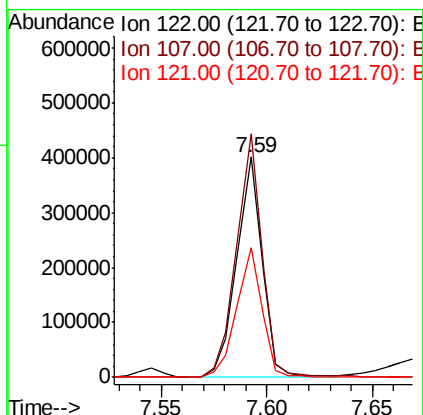
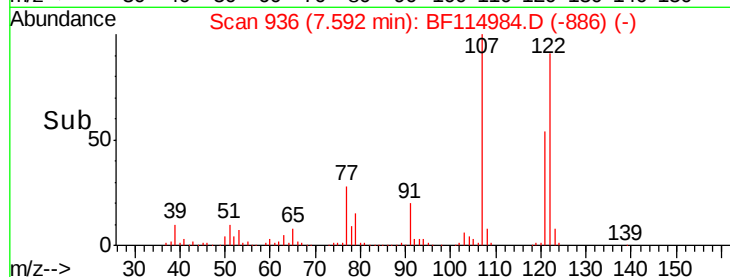
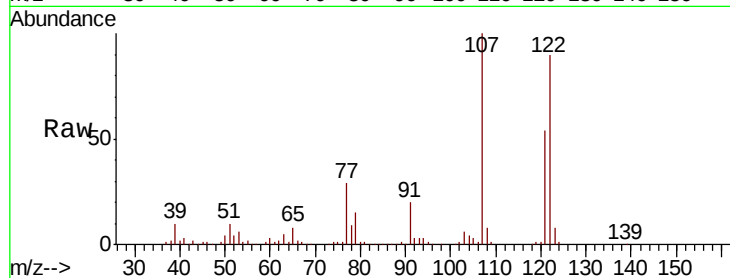
Tot Ion:122 Resp: 335992

Ion Ratio Lower Upper

122 100

107 110.5 88.8 133.2

121 59.2 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 19.417 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

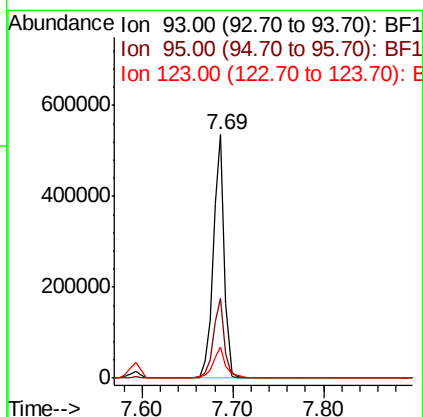
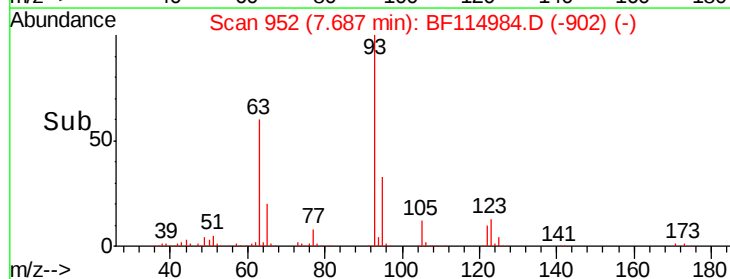
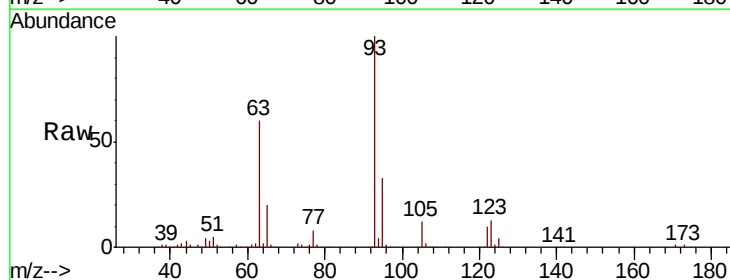
Tgt Ion: 93 Resp: 453441

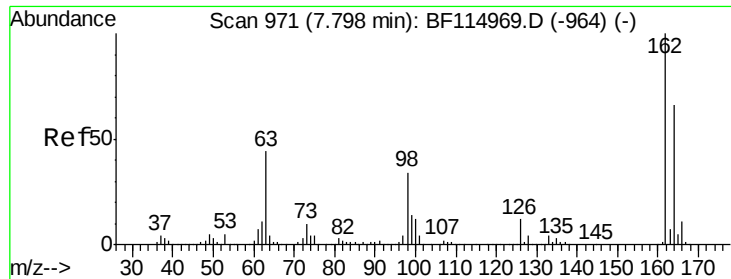
Ion Ratio Lower Upper

93 100

95 32.9 26.6 40.0

123 12.6 9.9 14.9

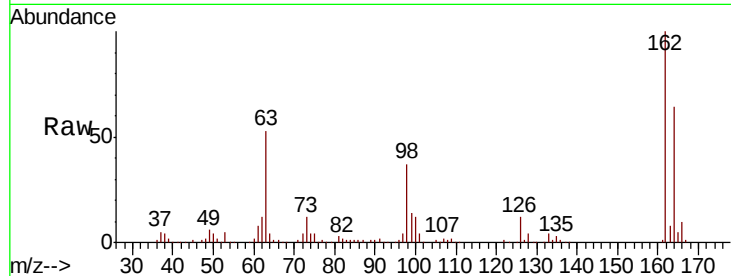




#29
 2,4-Dichlorophenol
 Concen: 20.122 ng
 RT: 7.79 min Scan# 969
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	45.7	85.7
98	36.7	14.0	54.0

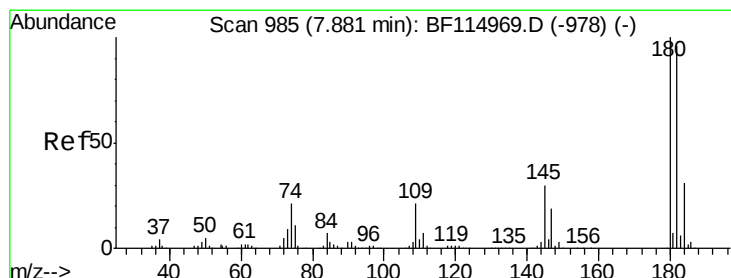
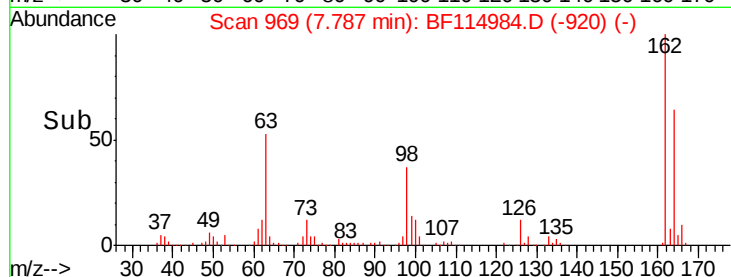
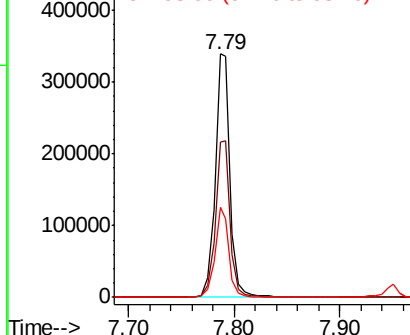


Abundance

Ion 162.00 (161.70 to 162.70): E

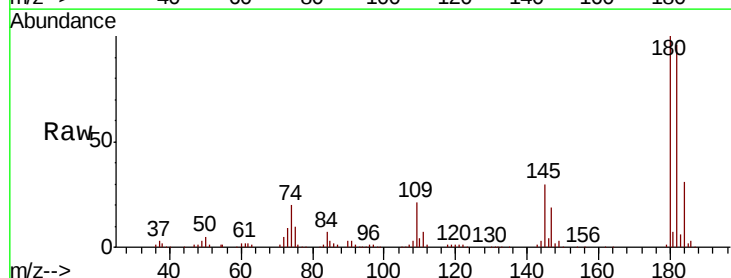
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 19.643 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.7	115.1
145	29.5	24.1	36.1

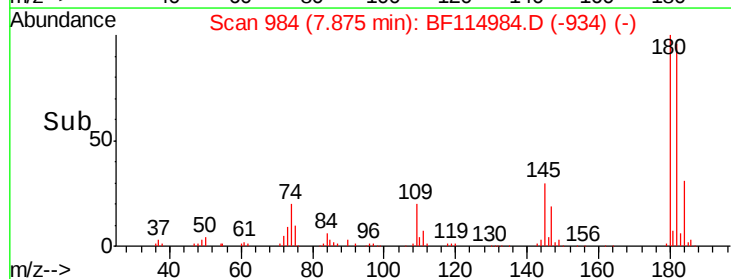
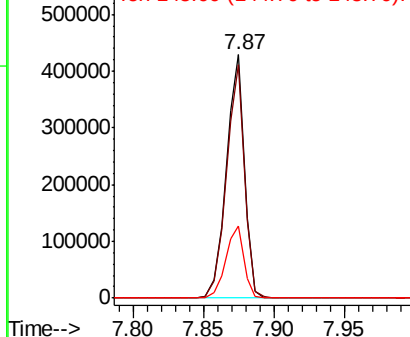


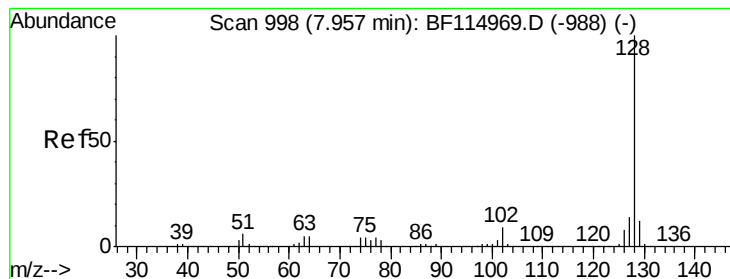
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 21.246 ng

RT: 7.95 min Scan# 997

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

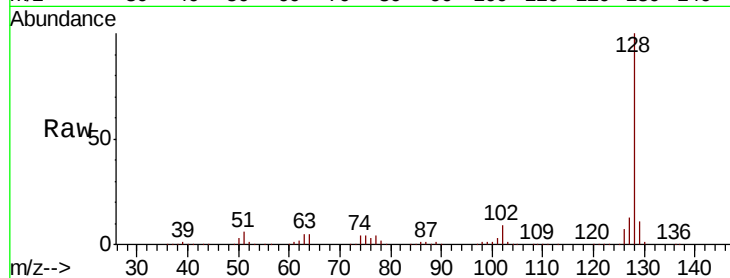
Tot Ion:128 Resp: 1175898

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

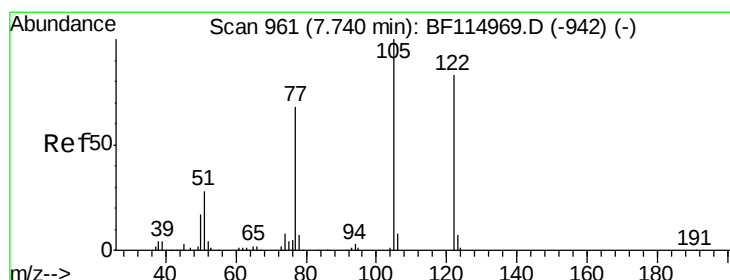
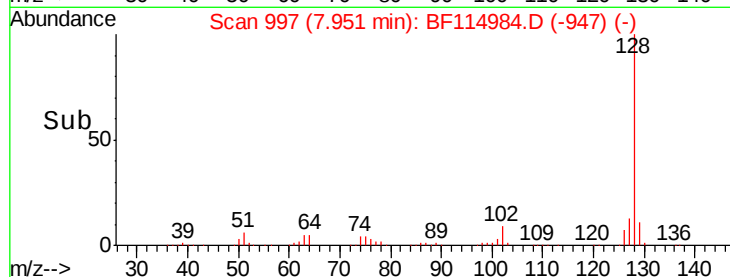
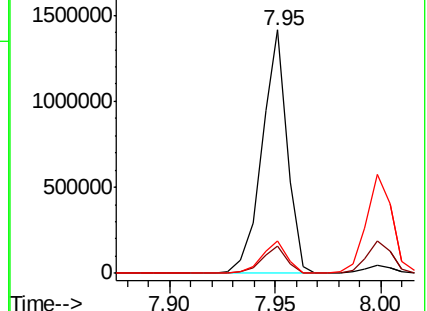
127 13.3 11.5 17.3



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: 17.572 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.04 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

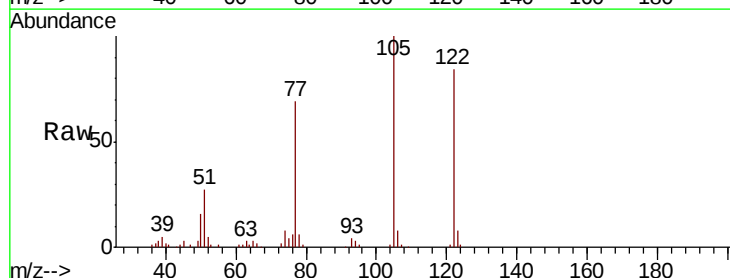
Tgt Ion:122 Resp: 202147

Ion Ratio Lower Upper

122 100

105 119.6 98.6 138.6

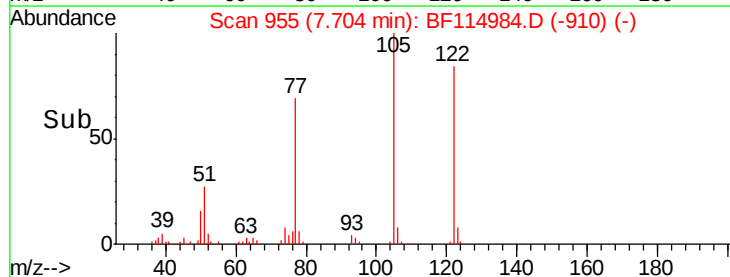
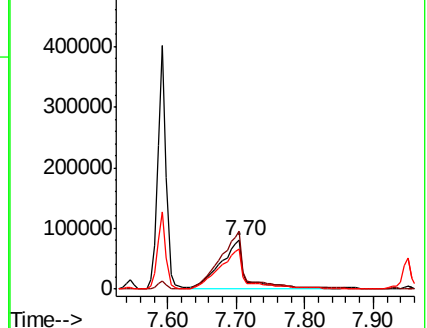
77 83.1 60.9 100.9

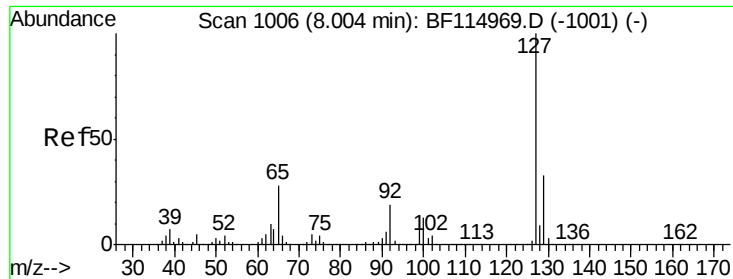


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

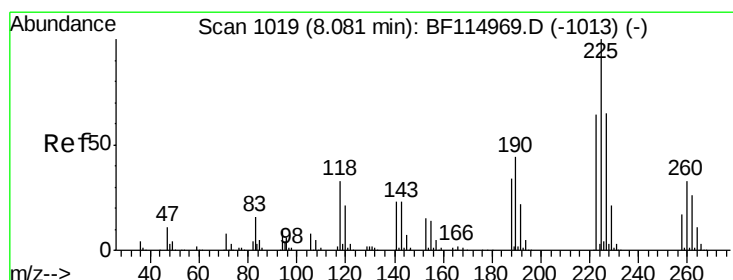
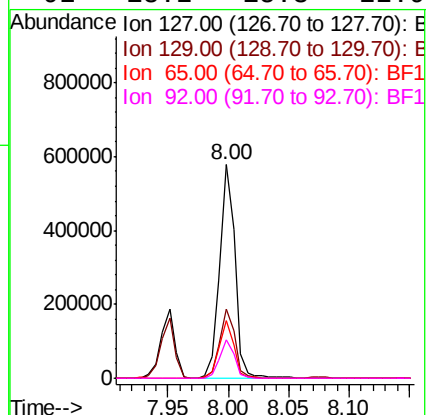
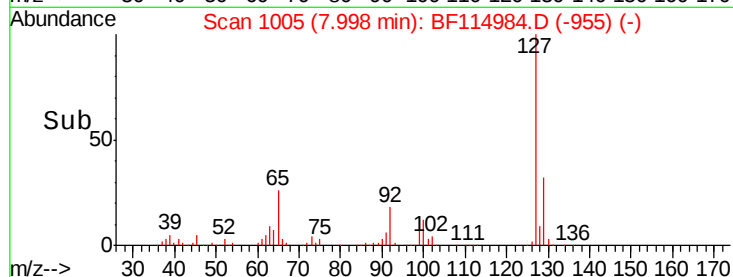
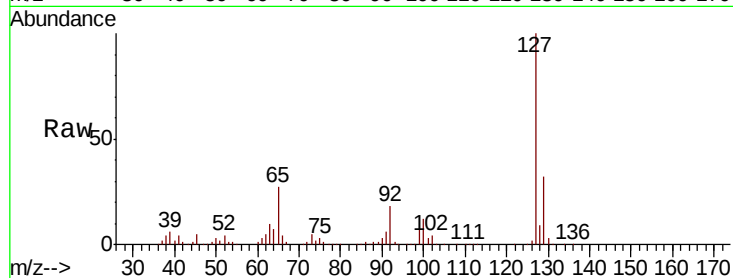




#33
4-Chloroaniline
Concen: 19.592 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

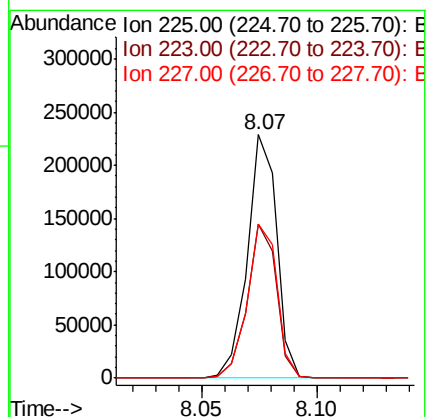
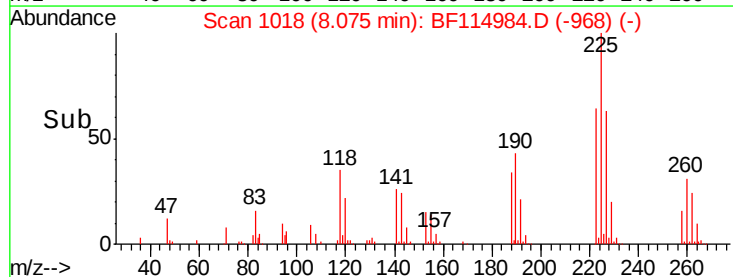
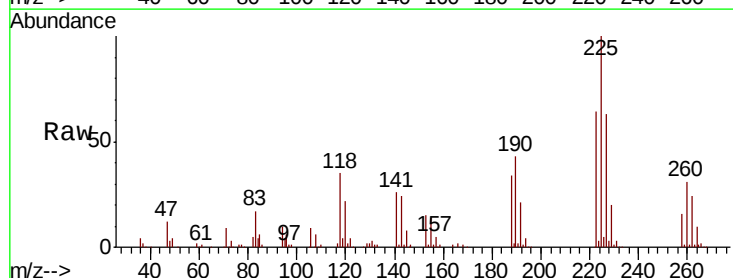
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

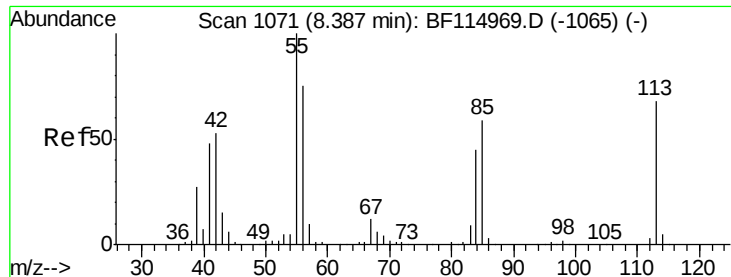
Tot Ion:	127	Resp:	500535
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.1	39.1
65	27.0	22.3	33.5
92	18.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 18.937 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:	225	Resp:	204280
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	63.3	51.7	77.5

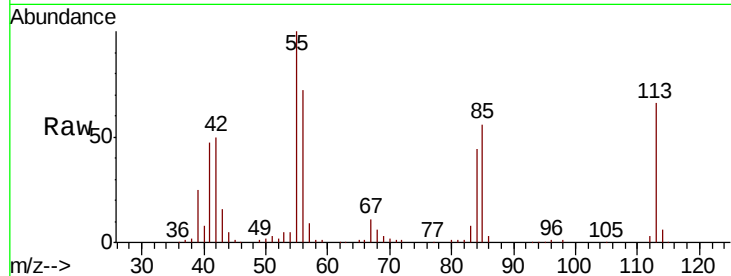




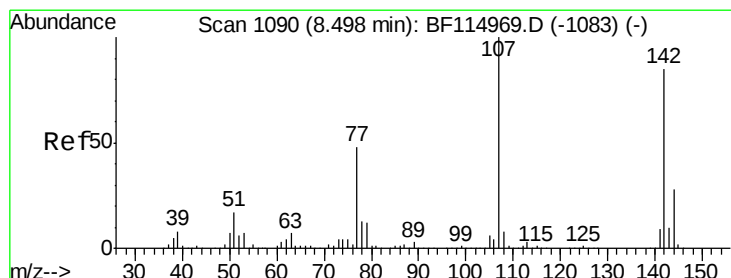
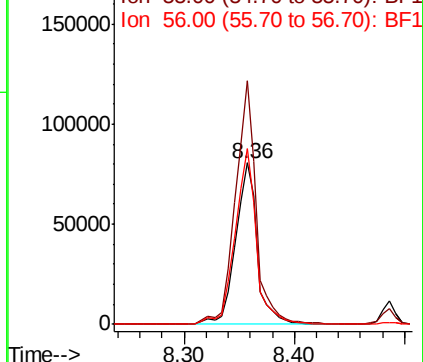
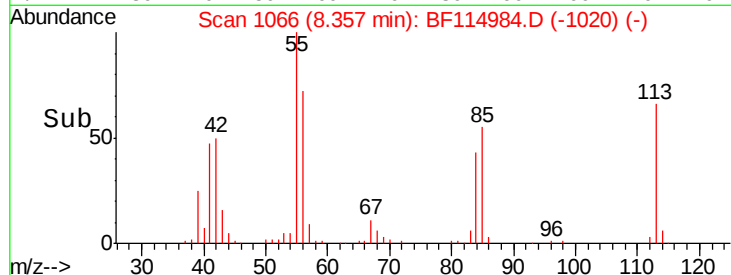
#35
Caprolactam
Concen: 19.740 ng
RT: 8.36 min Scan# 1066
Delta R.T. -0.03 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:113 Resp: 110425
Ion Ratio Lower Upper
113 100
55 150.7 127.3 167.3
56 109.2 90.6 130.6

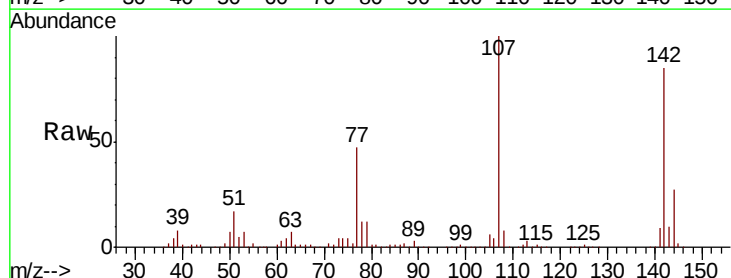


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

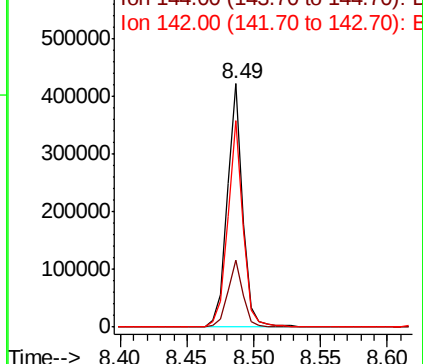
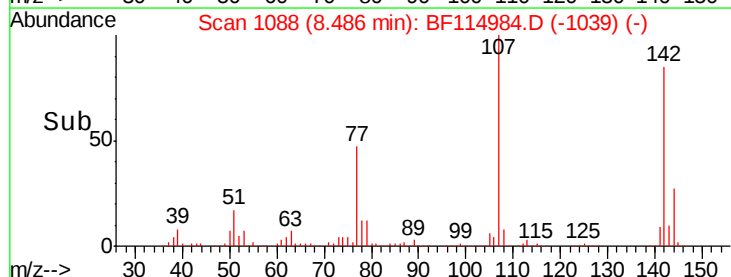


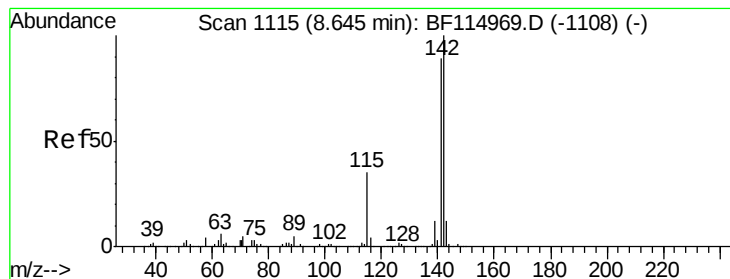
#36
4-Chloro-3-methylphenol
Concen: 20.454 ng
RT: 8.49 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:107 Resp: 346199
Ion Ratio Lower Upper
107 100
144 27.5 22.0 33.0
142 84.8 68.2 102.4



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: 21.618 ng

RT: 8.64 min Scan# 1114

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

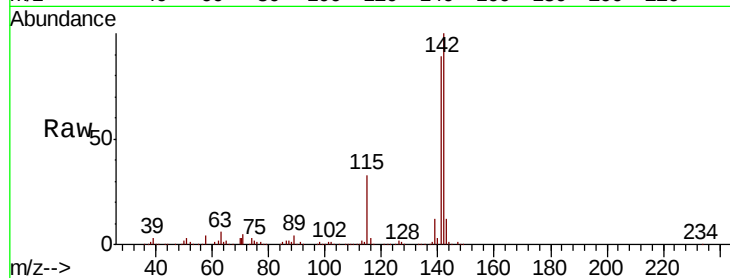
Tot Ion:142 Resp: 798028

Ion Ratio Lower Upper

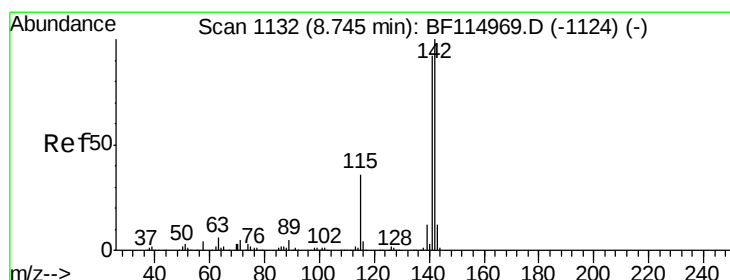
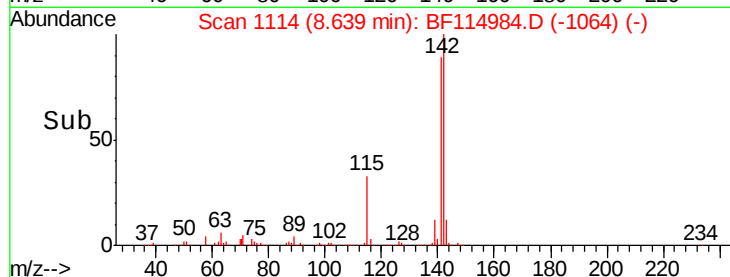
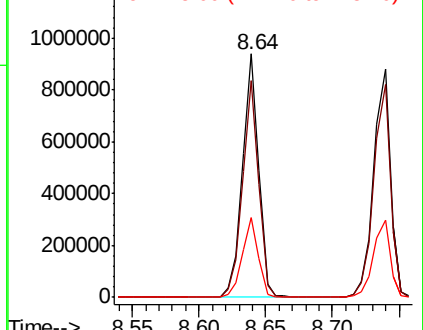
142 100

141 89.0 71.0 106.6

115 32.8 27.9 41.9



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: 21.619 ng

RT: 8.74 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

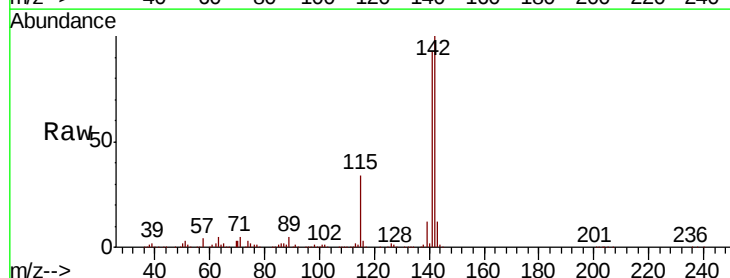
Tgt Ion:142 Resp: 754289

Ion Ratio Lower Upper

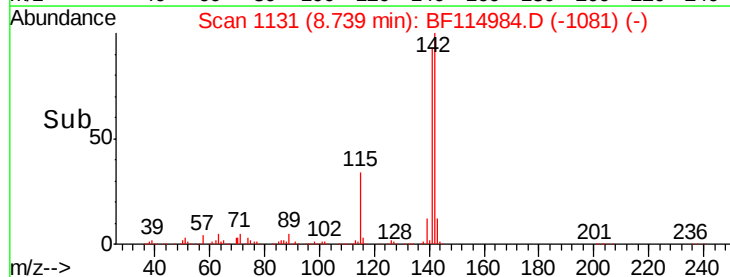
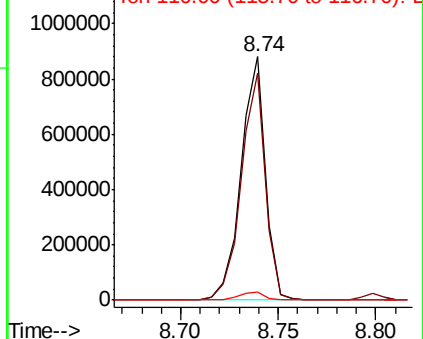
142 100

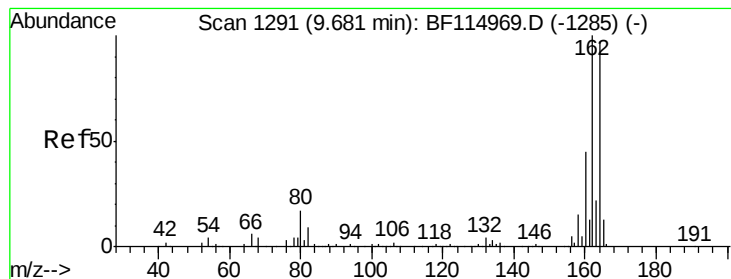
141 93.3 73.8 110.8

116 3.4 2.9 4.3



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: 9.67 min Scan# 1290

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

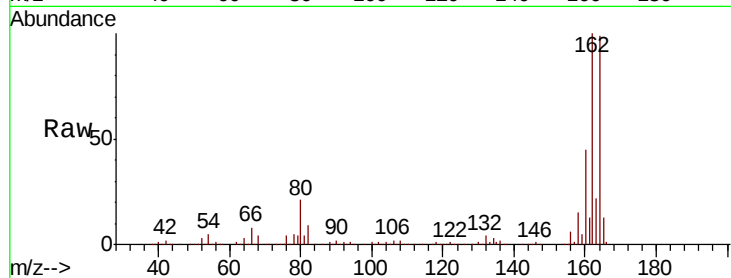
Tot Ion:164 Resp: 575654

Ion Ratio Lower Upper

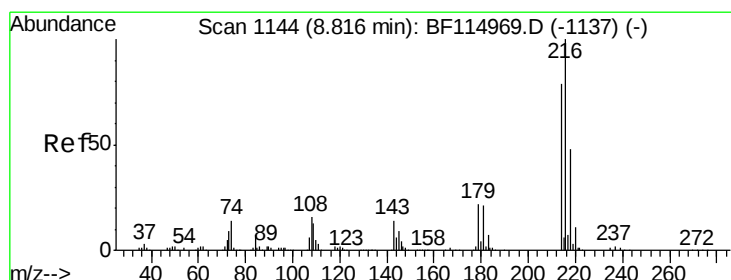
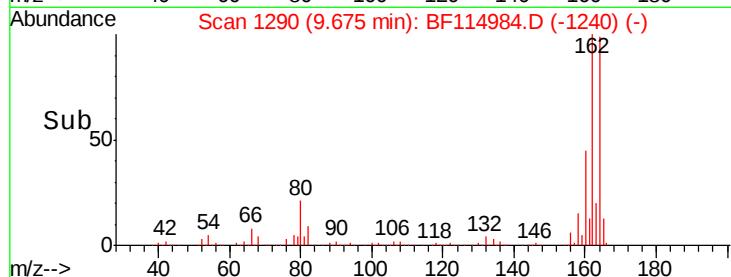
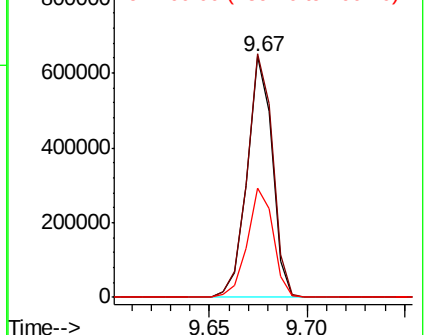
164 100

162 101.1 82.6 124.0

160 45.1 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.439 ng

RT: 8.81 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Tgt Ion:216 Resp: 364617

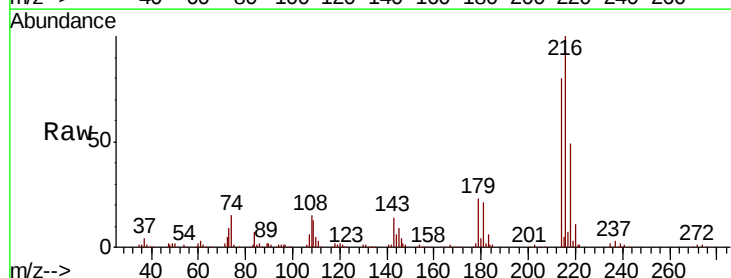
Ion Ratio Lower Upper

216 100

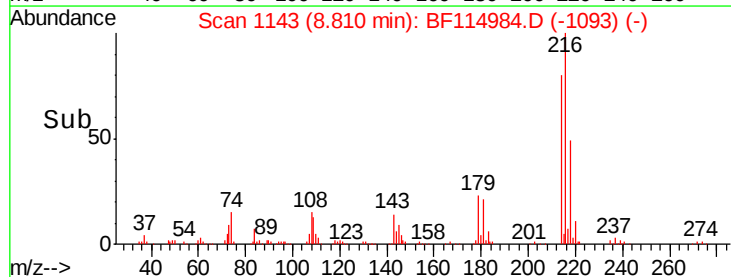
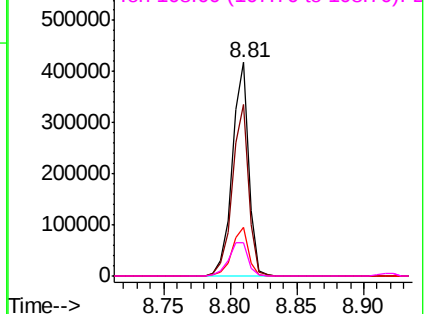
214 79.5 63.7 95.5

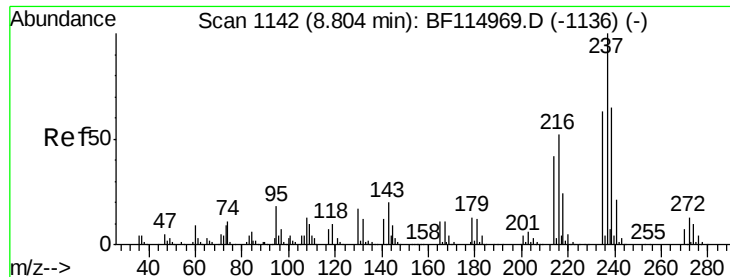
179 22.4 18.2 27.4

108 18.4 15.0 22.6



Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 17.311 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

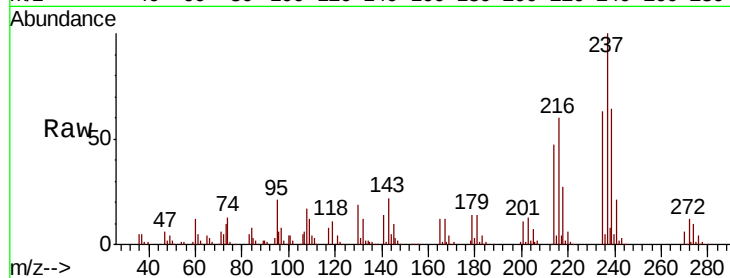
Tot Ion:237 Resp: 145075

Ion Ratio Lower Upper

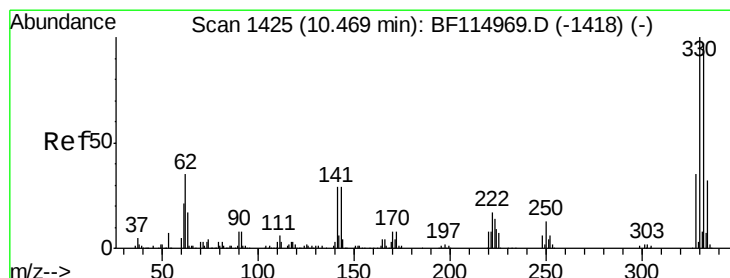
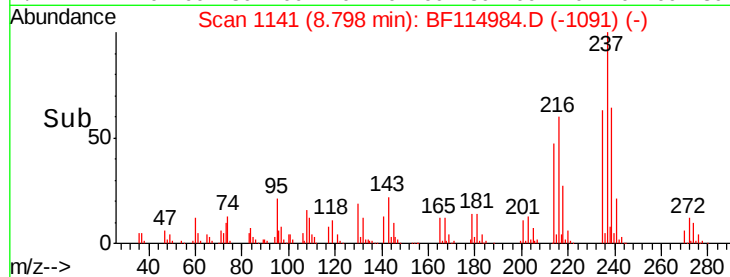
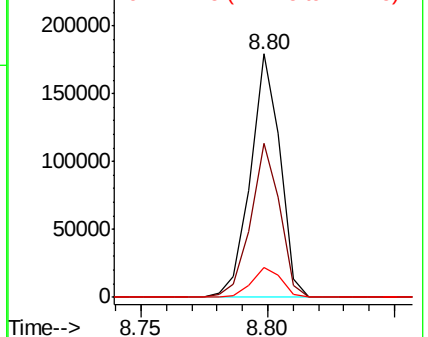
237 100

235 63.3 42.7 82.7

272 12.3 0.0 32.7



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: 80.855 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

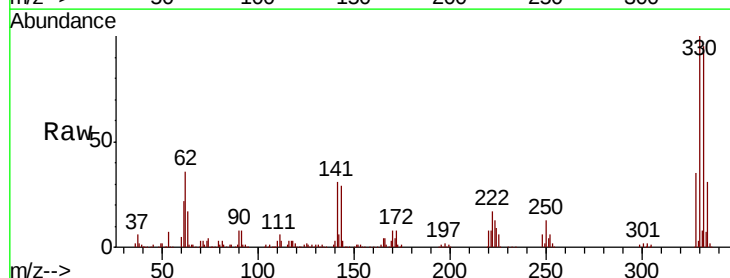
Tgt Ion:330 Resp: 498428

Ion Ratio Lower Upper

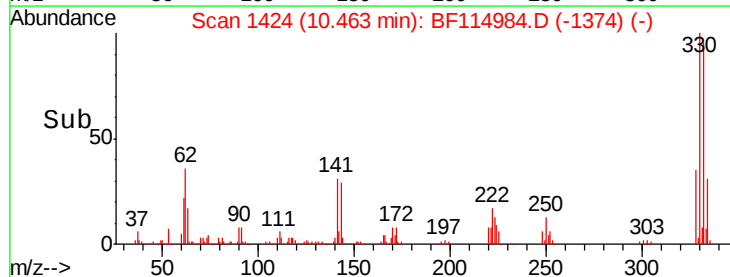
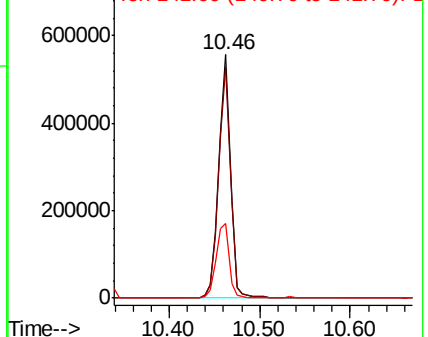
330 100

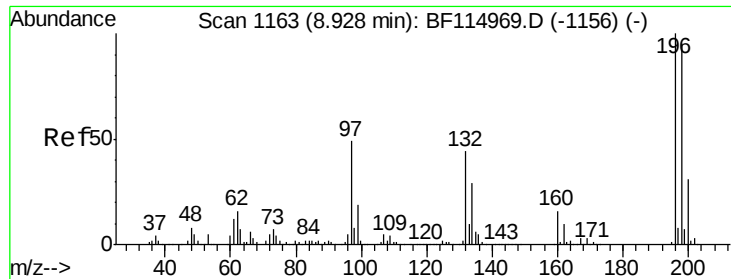
332 96.2 77.6 116.4

141 34.0 27.2 40.8



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

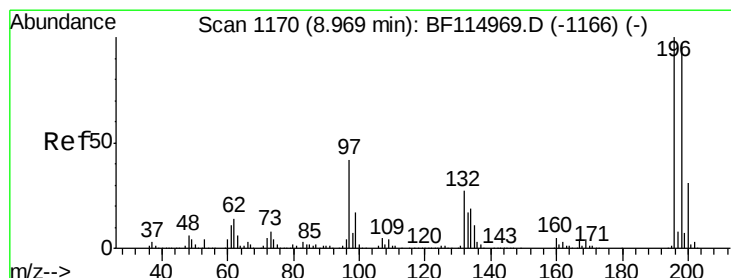
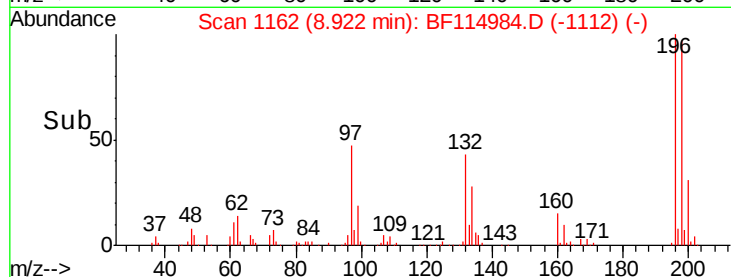
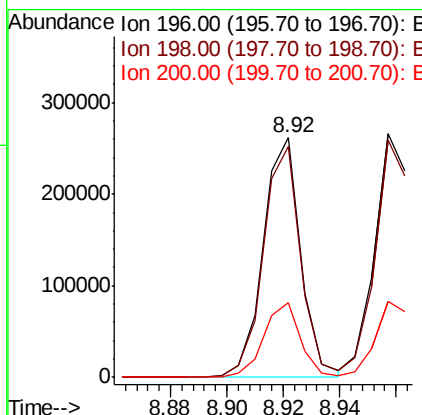
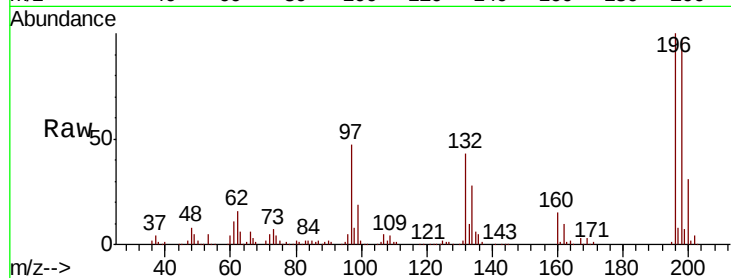




#43
 2,4,6-Trichlorophenol
 Concen: 18.951 ng
 RT: 8.92 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

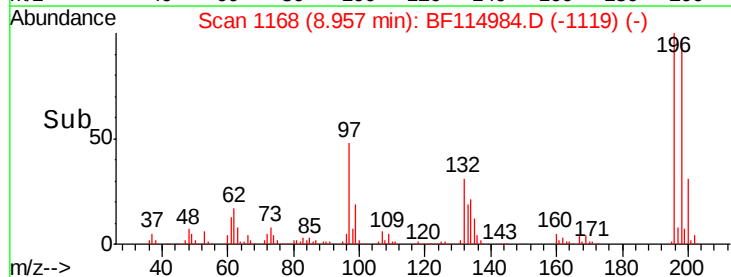
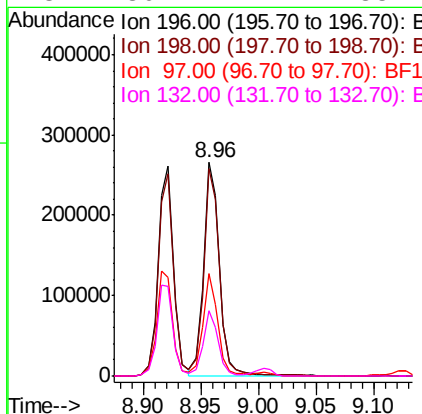
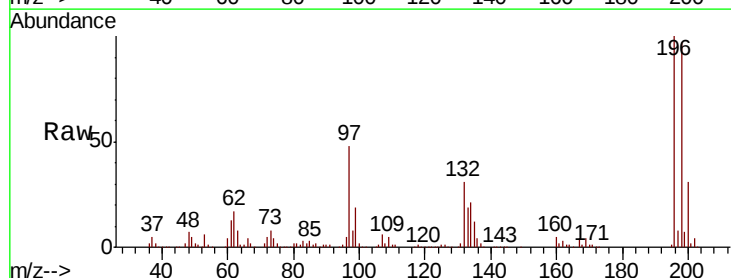
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

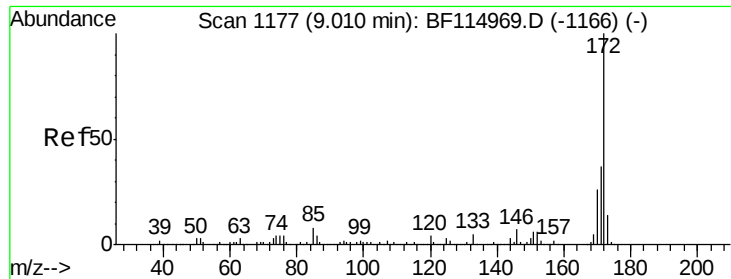
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.8	113.8
200	31.1	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 19.978 ng
 RT: 8.96 min Scan# 1168
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	77.3	115.9
97	48.3	34.2	51.4
132	30.7	22.1	33.1



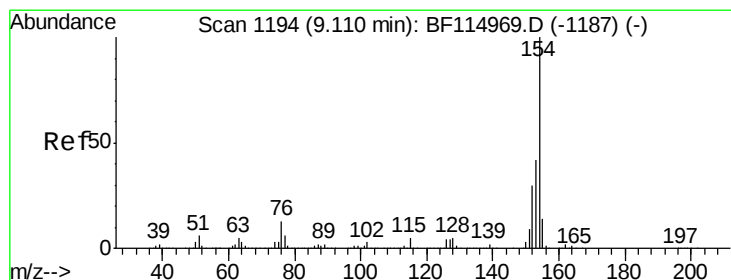
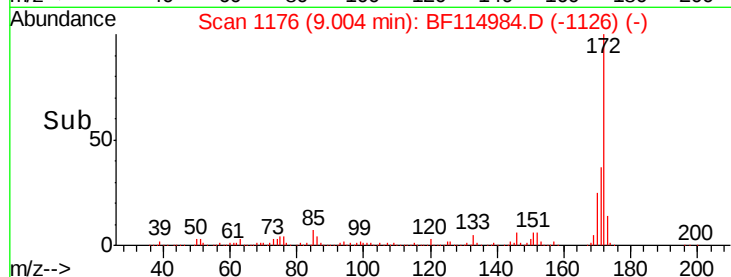
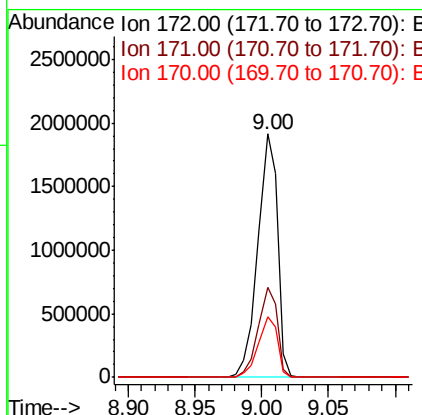
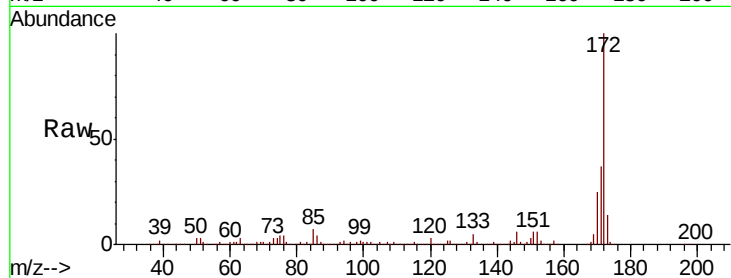


#45
 2-Fluorobiphenyl
 Concen: 56.622 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:172 Resp: 1923189

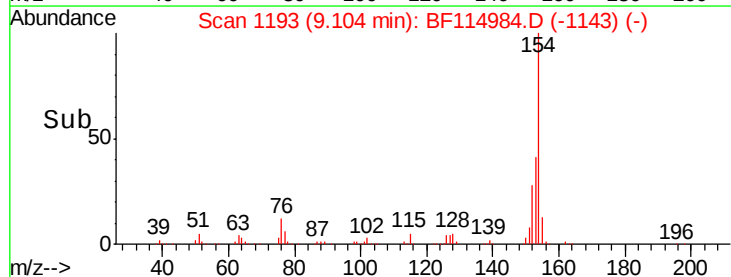
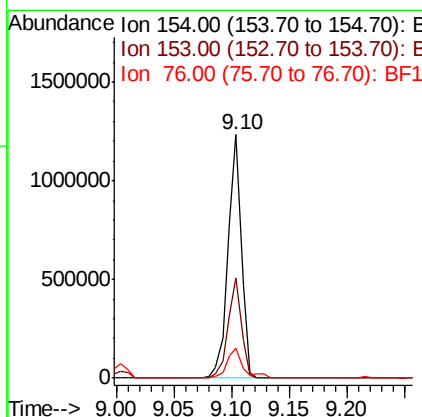
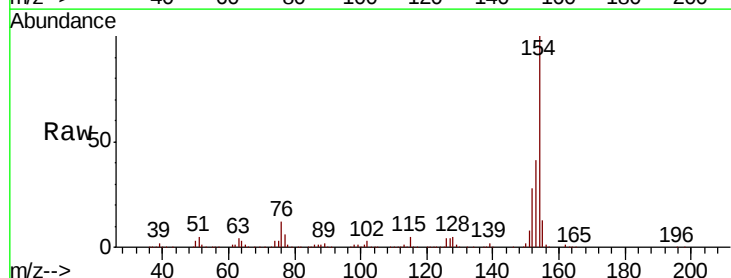
Ion	Ratio	Lower	Upper
172	100		
171	37.1	29.8	44.6
170	24.7	20.6	31.0

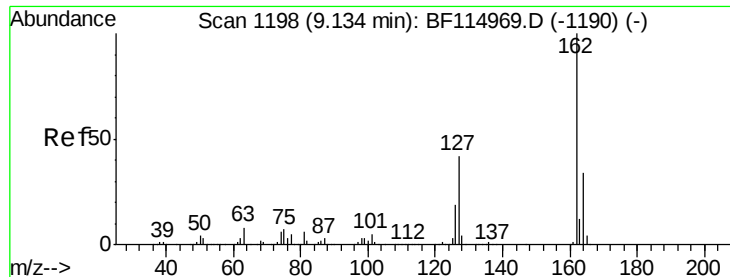


#46
 1,1'-Biphenyl
 Concen: 21.505 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:154 Resp: 992010

Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.4	62.4
76	12.4	0.0	33.3

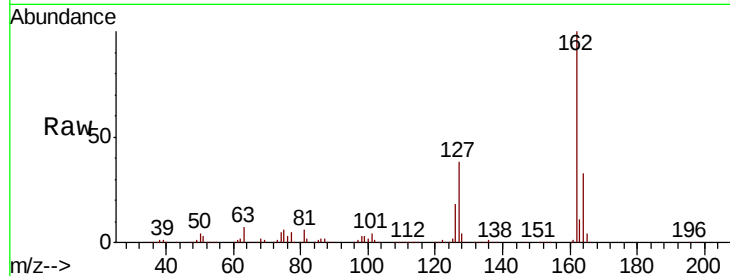




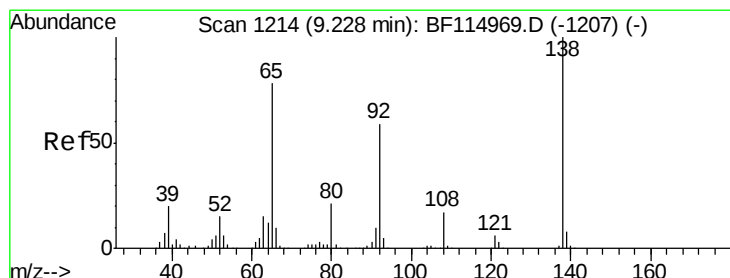
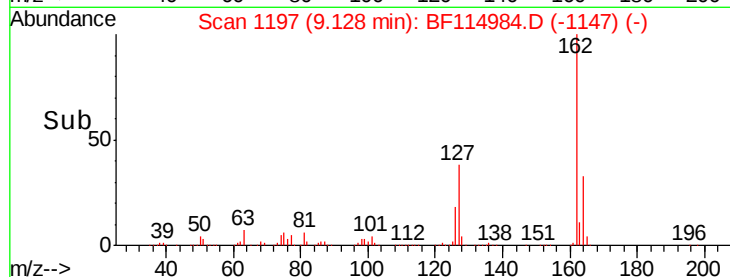
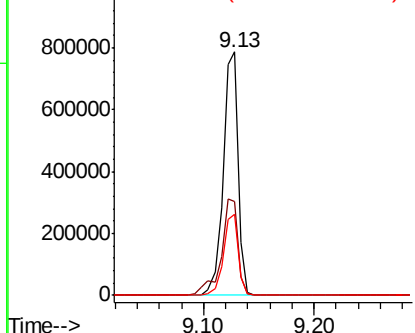
#47
2-Chloronaphthalene
Concen: 19.879 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion: 162 Resp: 741546
Ion Ratio Lower Upper
162 100
127 38.4 33.4 50.2
164 33.2 27.2 40.8

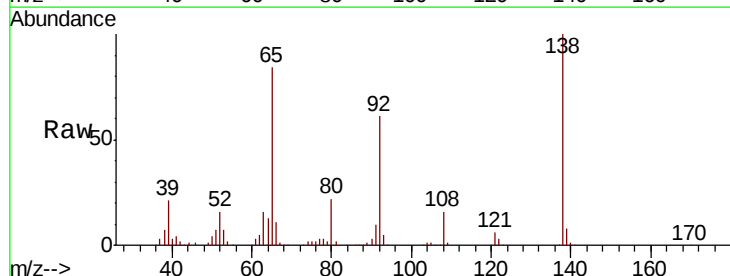


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

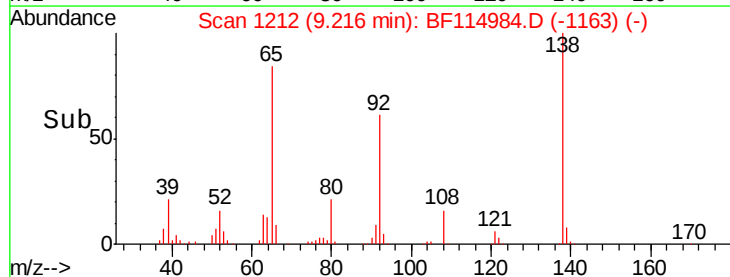
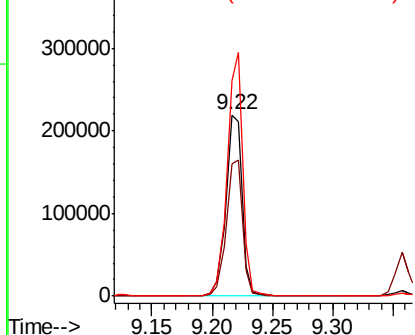


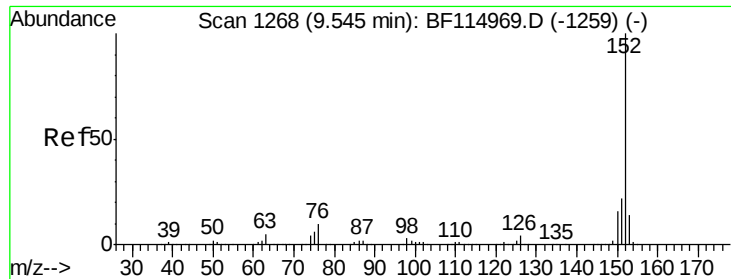
#48
2-Nitroaniline
Concen: 18.647 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion: 65 Resp: 205597
Ion Ratio Lower Upper
65 100
92 72.7 60.5 90.7
138 118.7 102.0 153.0



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: 20.663 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

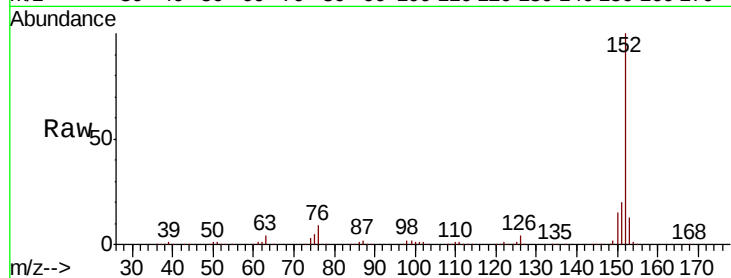
Tot Ion:152 Resp: 1185101

Ion Ratio Lower Upper

152 100

151 19.9 17.5 26.3

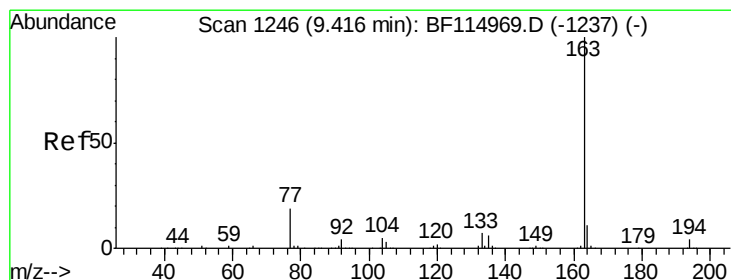
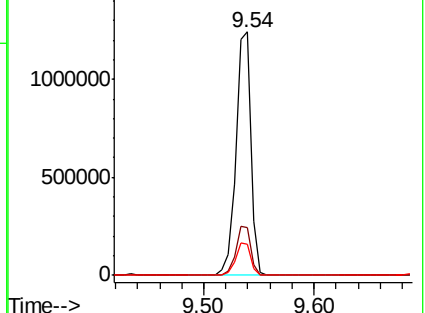
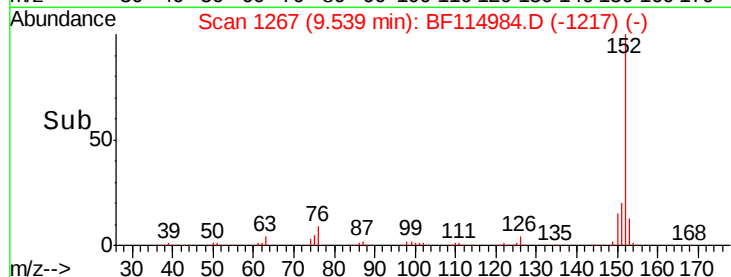
153 13.0 11.2 16.8



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: 19.749 ng

RT: 9.40 min Scan# 1244

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

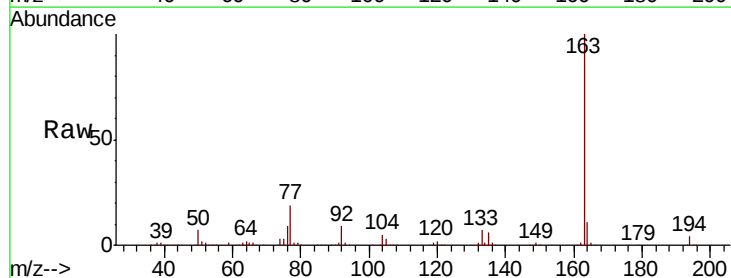
Tgt Ion:163 Resp: 854980

Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

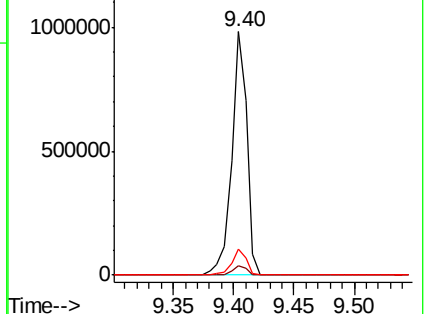
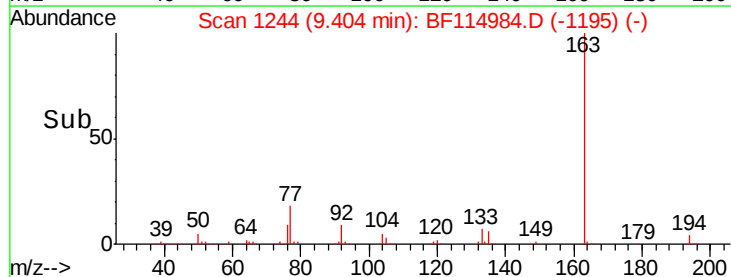
164 10.5 8.6 12.8

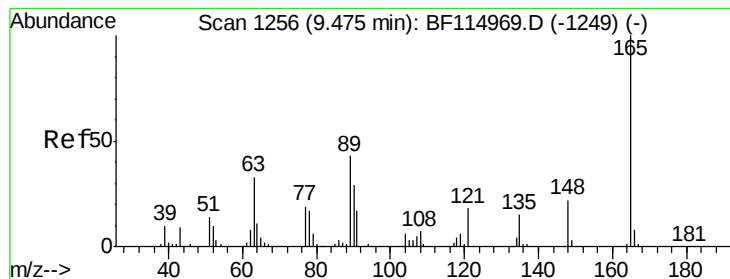


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 19.668 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

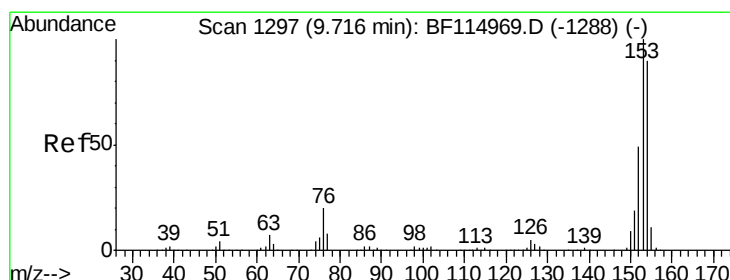
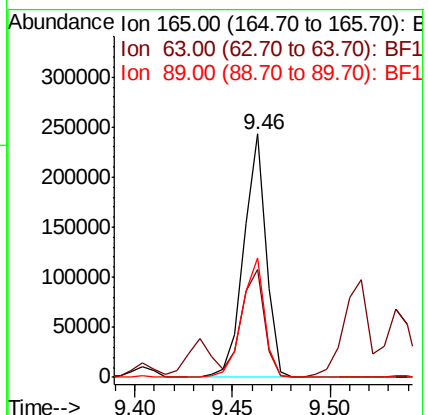
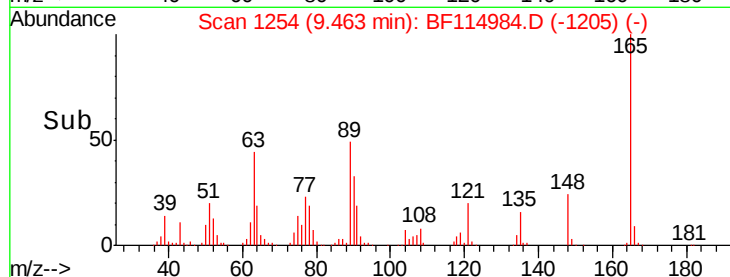
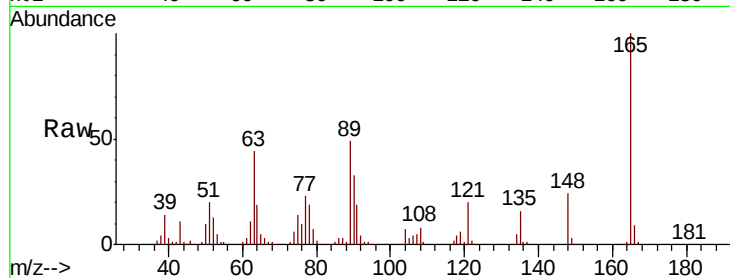
Tot Ion:165 Resp: 193141

Ion Ratio Lower Upper

165 100

63 44.3 30.6 46.0

89 48.9 34.4 51.6



#52

Acenaphthene

Concen: 20.862 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

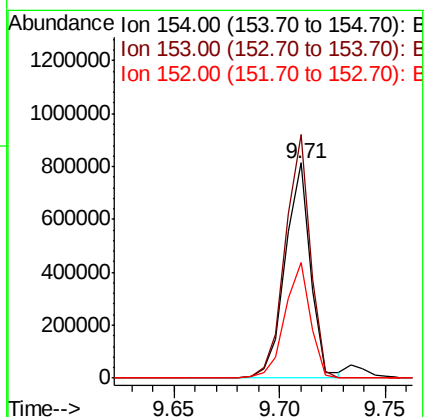
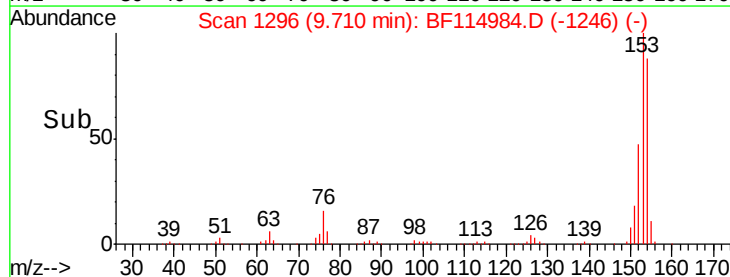
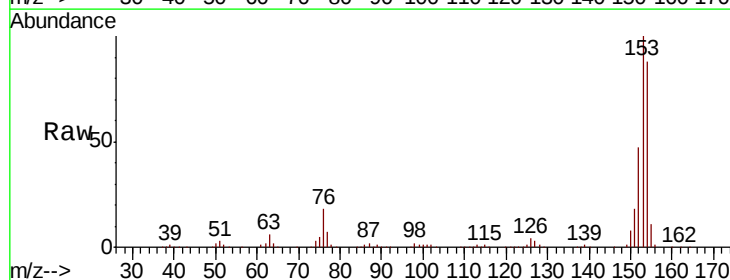
Tgt Ion:154 Resp: 684543

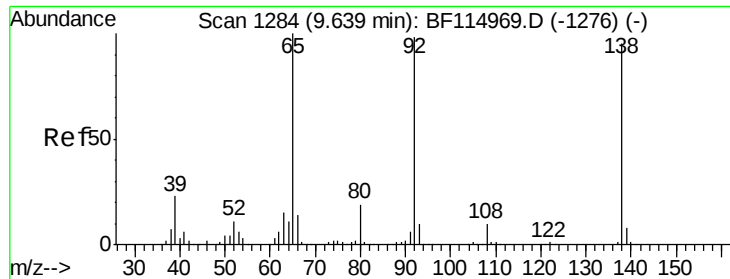
Ion Ratio Lower Upper

154 100

153 113.2 88.5 132.7

152 53.7 43.6 65.4

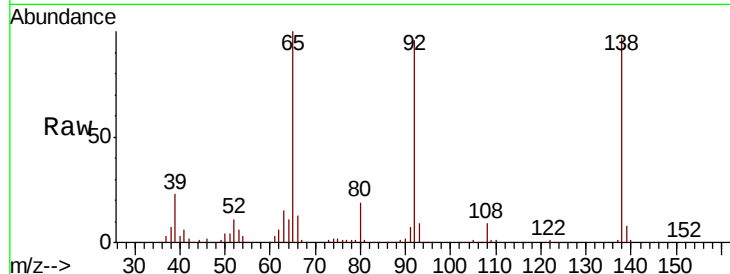




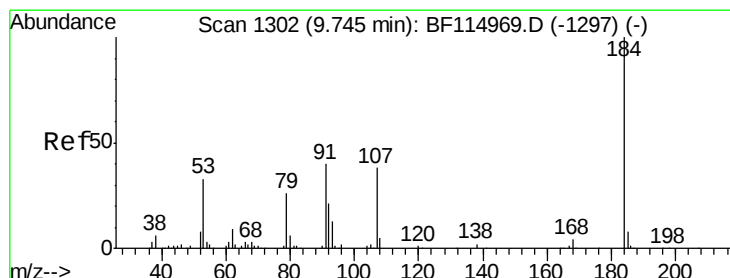
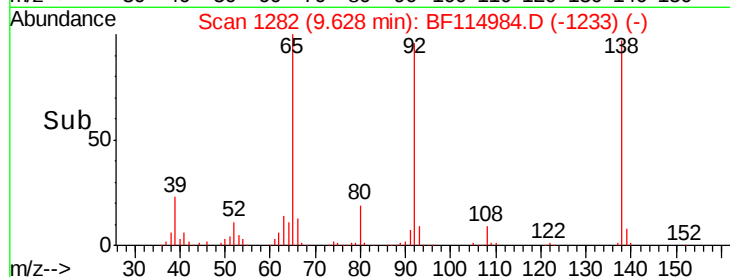
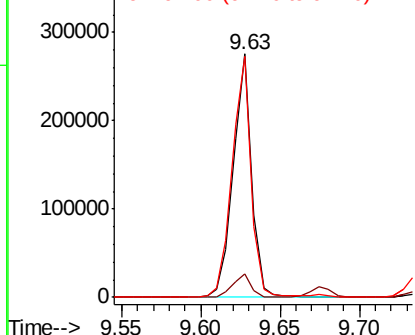
#53
3-Nitroaniline
Concen: 18.583 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:138 Resp: 223591
Ion Ratio Lower Upper
138 100
108 9.8 8.0 12.0
92 99.3 82.4 123.6

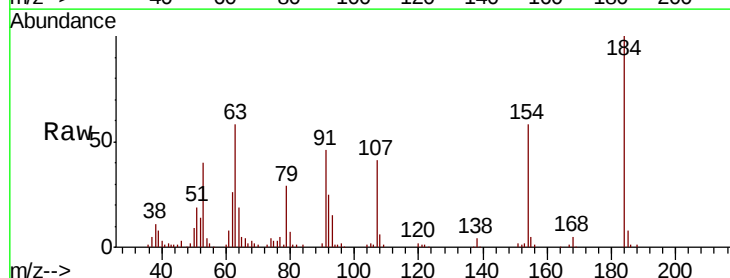


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

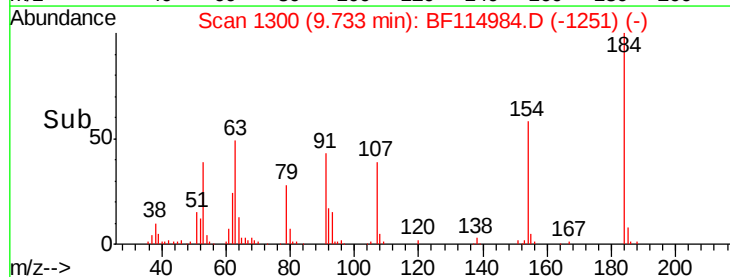
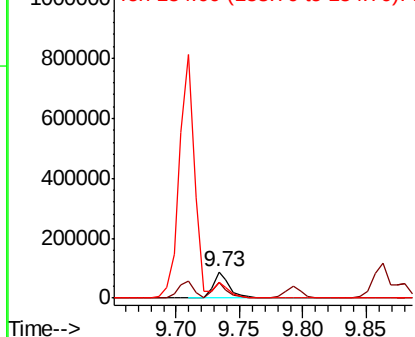


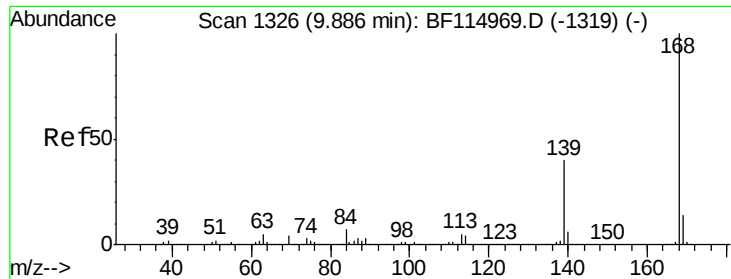
#54
2,4-Dinitrophenol
Concen: 17.375 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:184 Resp: 82761
Ion Ratio Lower Upper
184 100
63 58.0 40.5 60.7
154 57.6 44.8 67.2



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

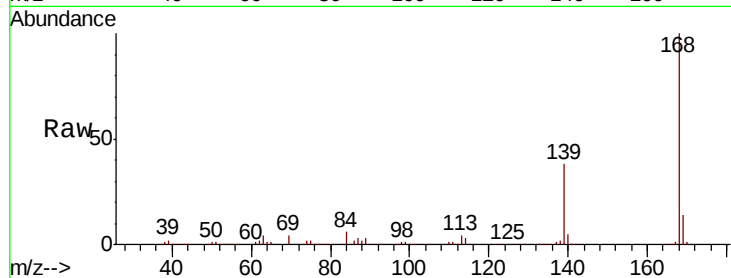




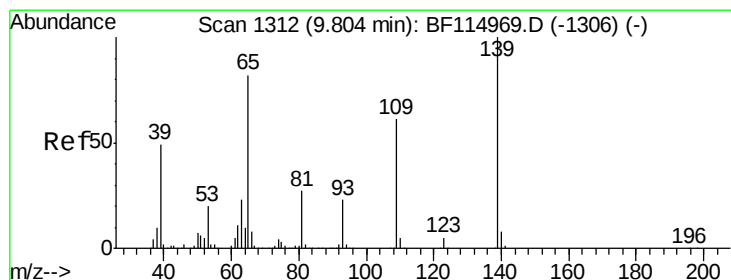
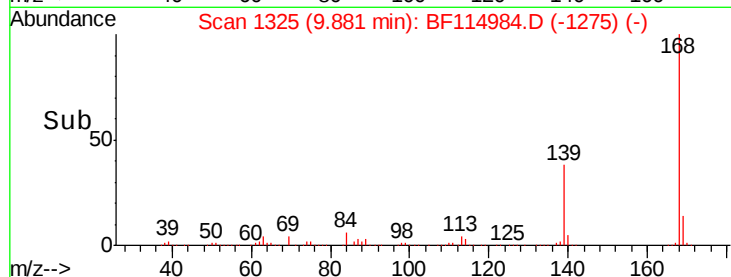
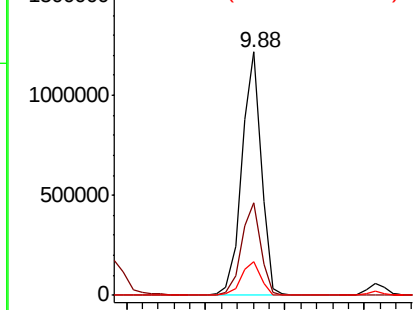
#55
Dibenzenofuran
Concen: 20.796 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:168 Resp: 1028435
Ion Ratio Lower Upper
168 100
139 38.0 32.5 48.7
169 13.7 11.5 17.3

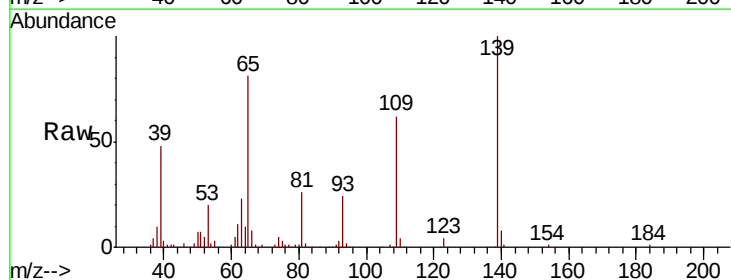


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

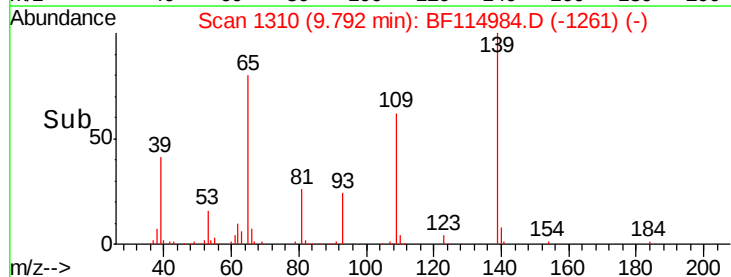
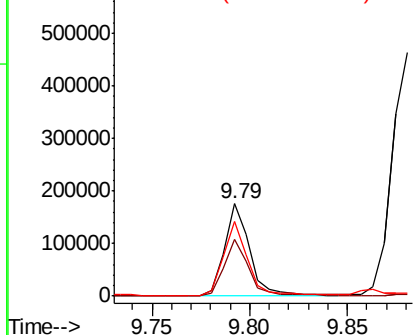


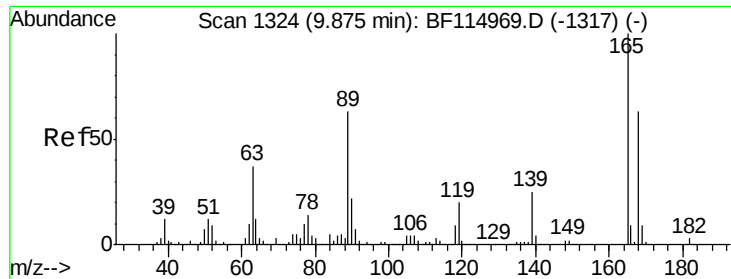
#56
4-Nitrophenol
Concen: 19.178 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:139 Resp: 159120
Ion Ratio Lower Upper
139 100
109 61.6 41.4 81.4
65 81.3 62.7 102.7



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

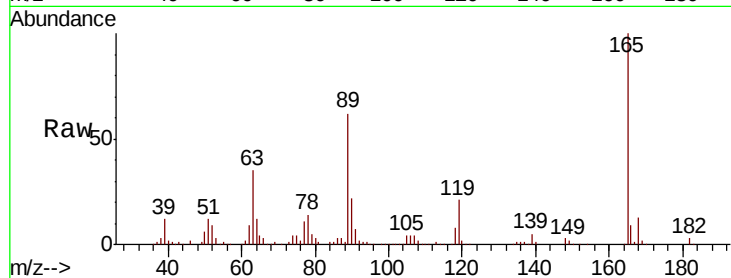




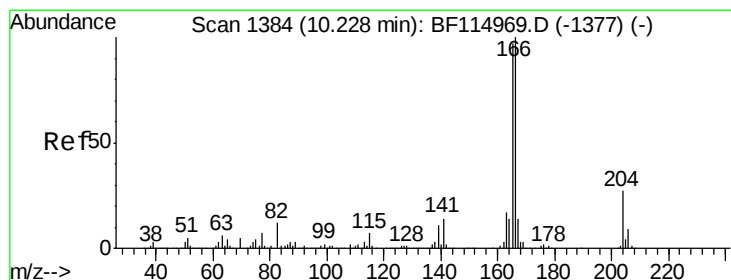
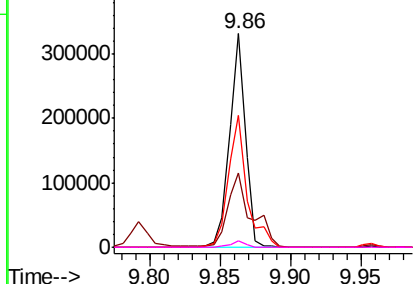
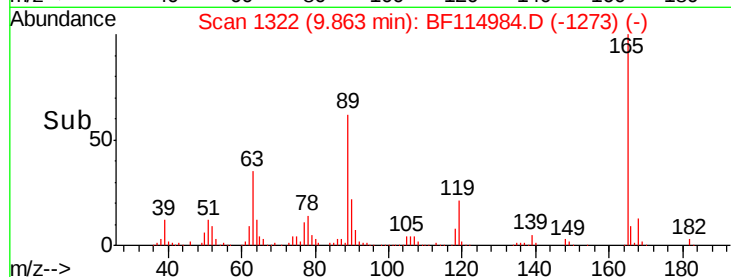
#57
 2,4-Dinitrotoluene
 Concen: 20.644 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Tot Ion:	165	Resp:	258030
Ion	Ratio	Lower	Upper
165	100		
63	34.9	29.4	44.2
89	62.0	50.6	75.8
182	2.8	2.2	3.2

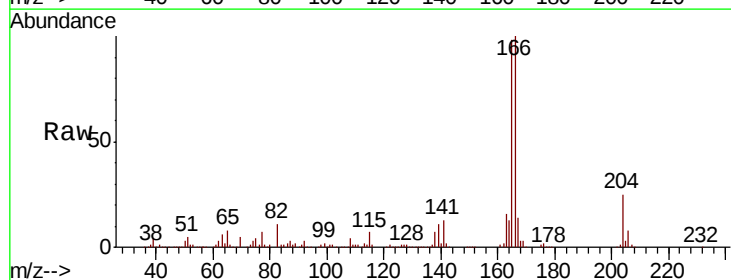


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

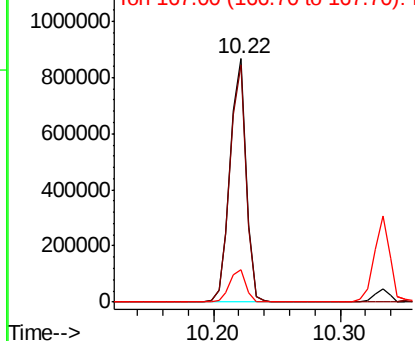
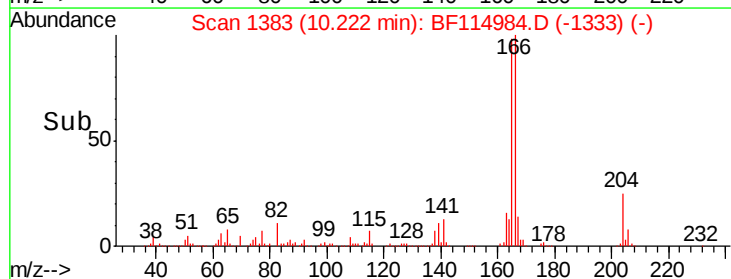


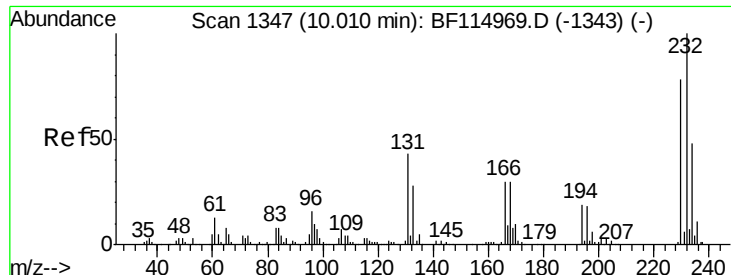
#58
 Fluorene
 Concen: 21.001 ng
 RT: 10.22 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:	166	Resp:	759621
Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.6	116.4
167	13.5	11.0	16.4



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

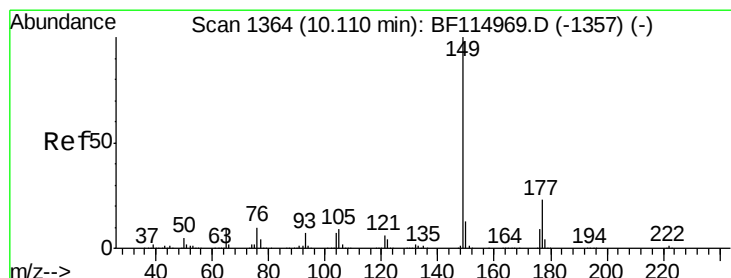
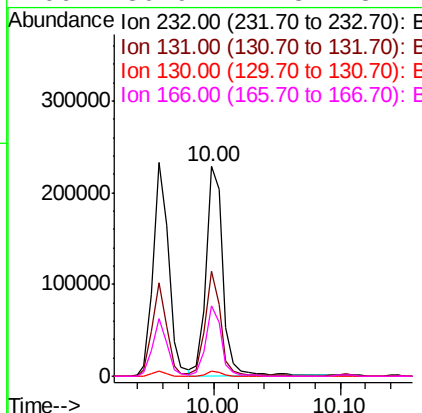
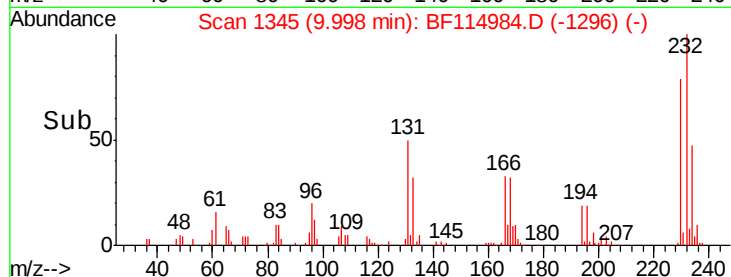
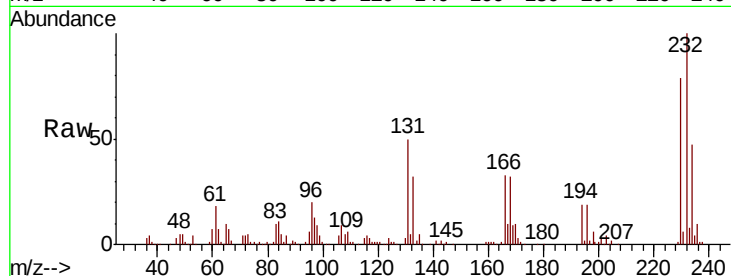




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.534 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

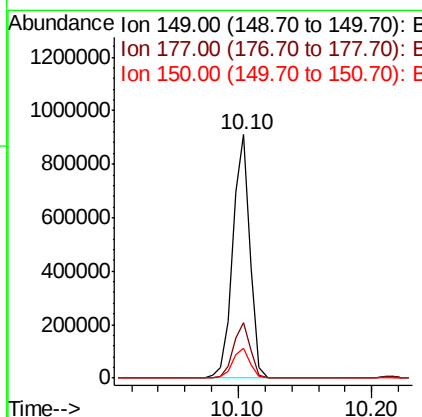
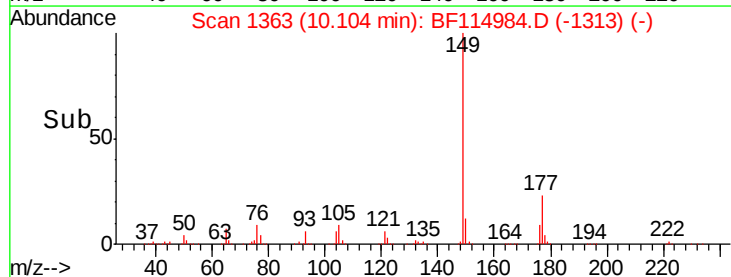
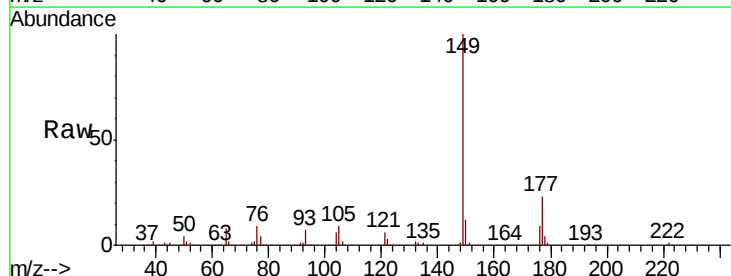
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

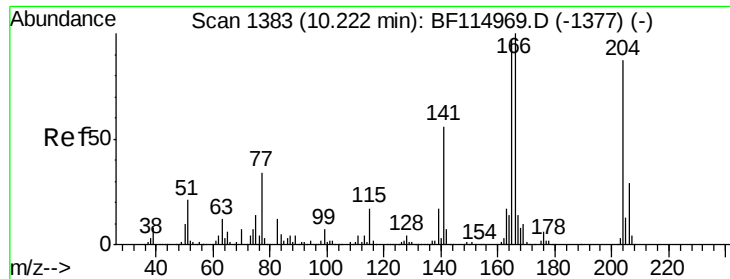
Tot Ion:232 Resp: 212929
Ion Ratio Lower Upper
232 100
131 46.8 36.9 55.3
130 2.2 1.8 2.6
166 30.9 24.8 37.2



#60
Diethylphthalate
Concen: 19.831 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:149 Resp: 820878
Ion Ratio Lower Upper
149 100
177 22.7 18.6 27.8
150 12.4 10.5 15.7

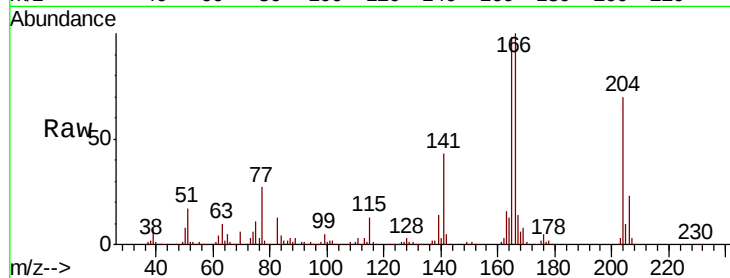




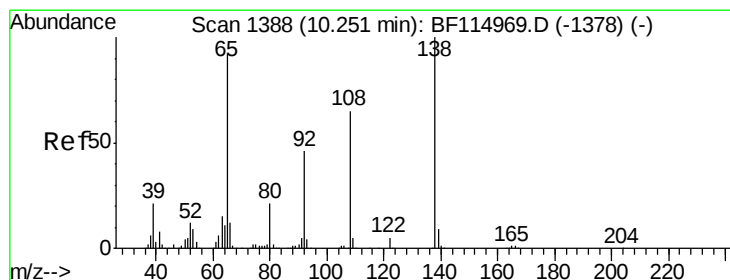
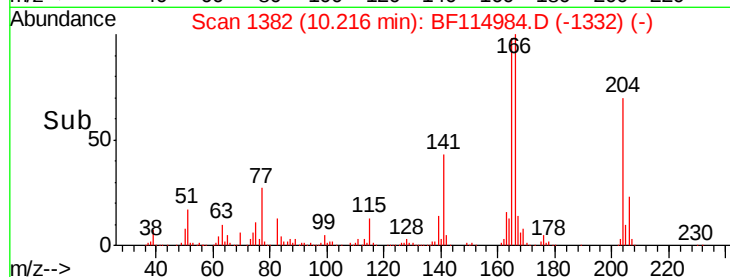
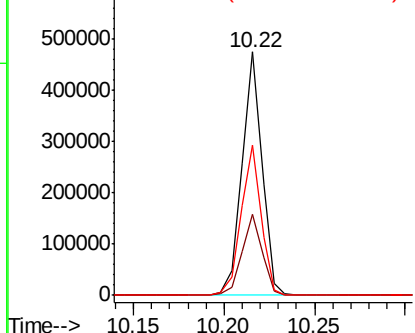
#61
4-Chlorophenyl-phenylether
Concen: 20.380 ng
RT: 10.22 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:204 Resp: 363857
Ion Ratio Lower Upper
204 100
206 33.4 26.5 39.7
141 61.5 51.8 77.8

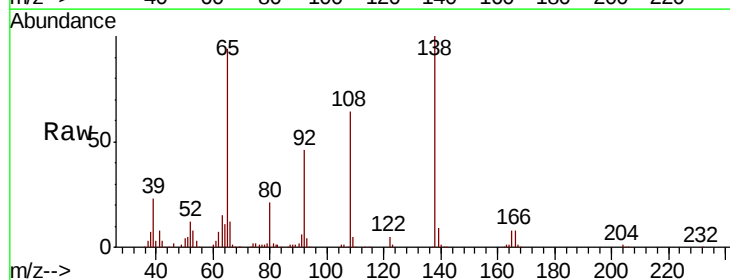


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

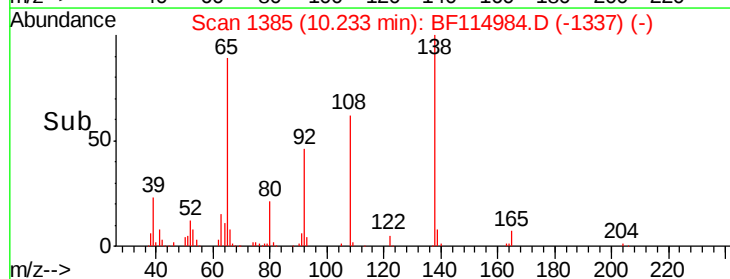
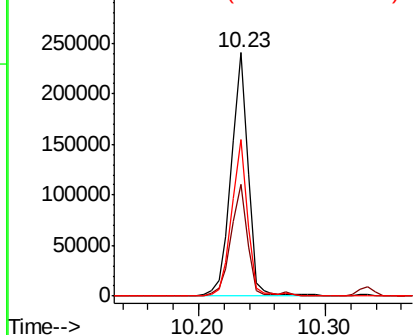


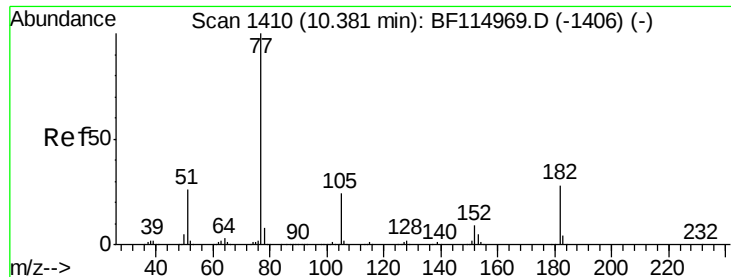
#62
4-Nitroaniline
Concen: 18.342 ng
RT: 10.23 min Scan# 1385
Delta R.T. -0.02 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:138 Resp: 221890
Ion Ratio Lower Upper
138 100
92 45.9 25.7 65.7
108 64.1 44.6 84.6



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: 20.647 ng

RT: 10.37 min Scan# 1409

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion: 77 Resp: 747711

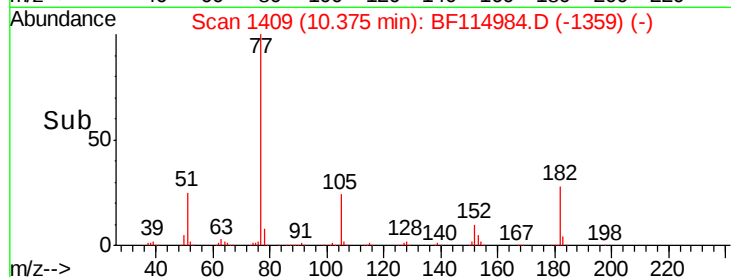
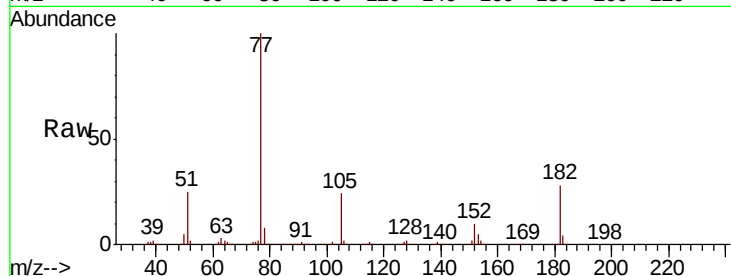
Ion Ratio Lower Upper

77 100

182 27.9 7.4 47.4

105 23.7 4.2 44.2

51 25.4 6.2 46.2

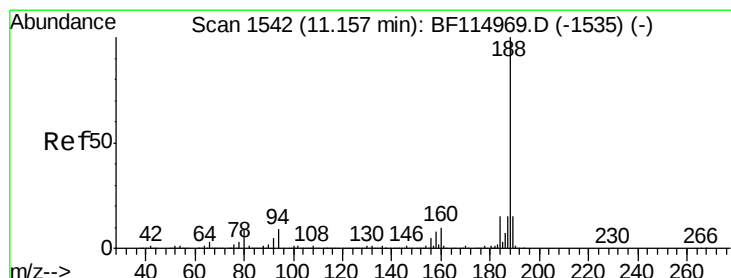
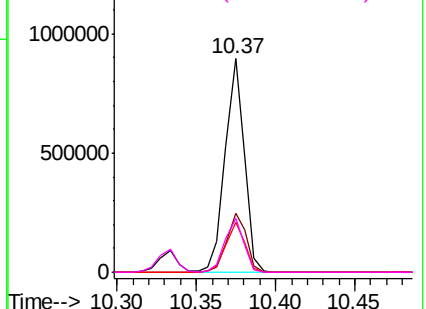


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

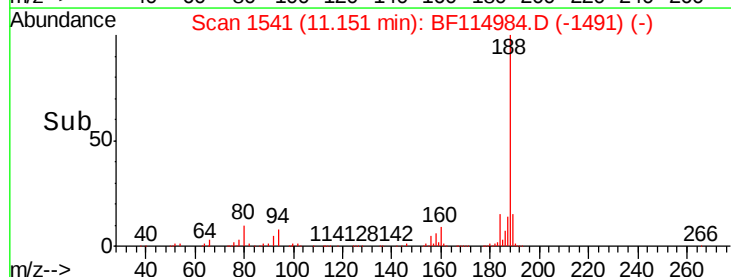
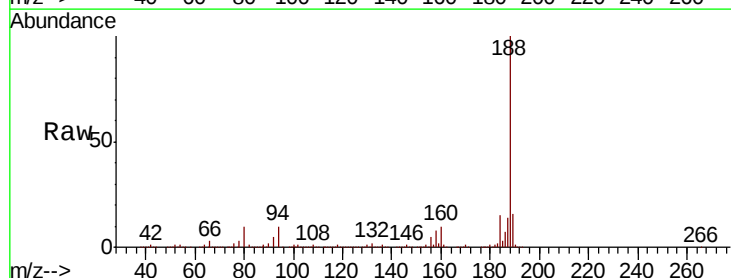
Tgt Ion: 188 Resp: 1121487

Ion Ratio Lower Upper

188 100

94 9.6 7.2 10.8

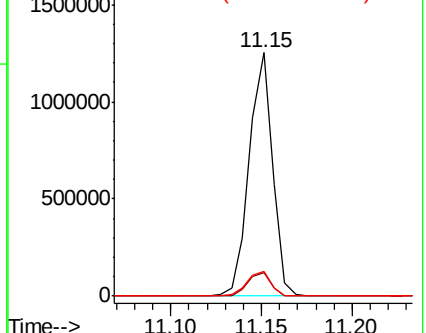
80 10.0 7.4 11.2

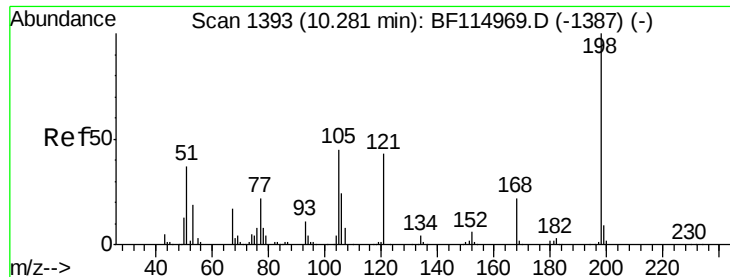


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

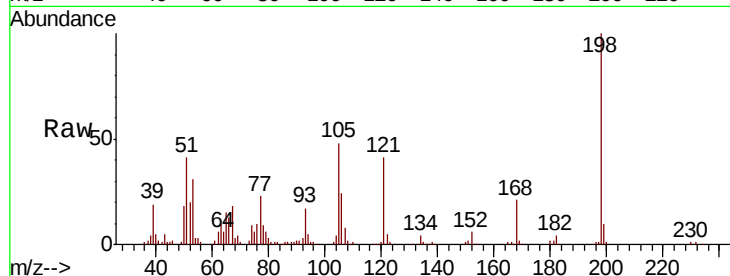




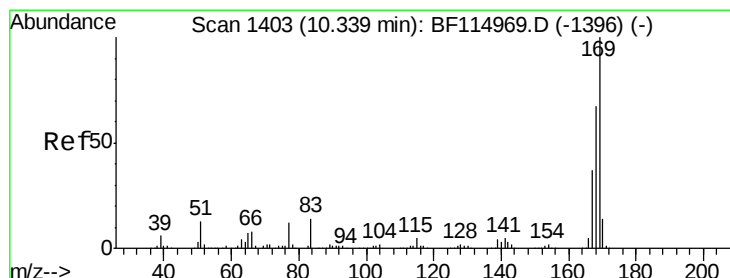
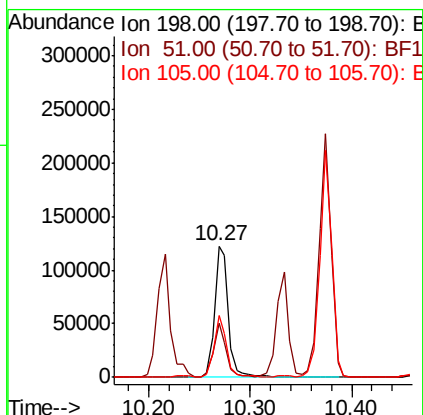
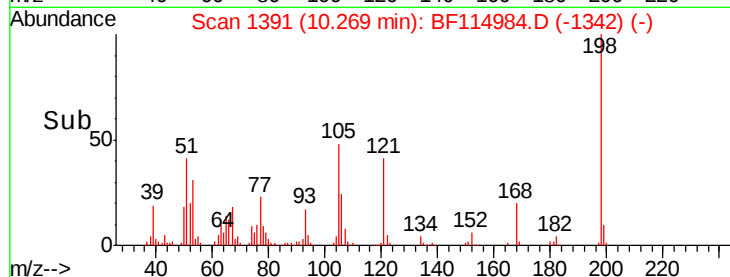
#65
4,6-Dinitro-2-methylphenol
Concen: 18.366 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:198 Resp: 115445
Ion Ratio Lower Upper
198 100
51 41.2 23.0 63.0
105 47.6 26.5 66.5

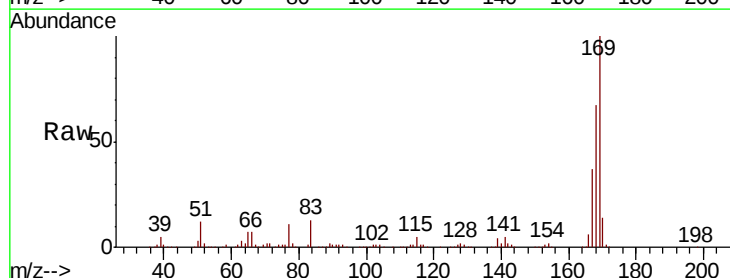


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

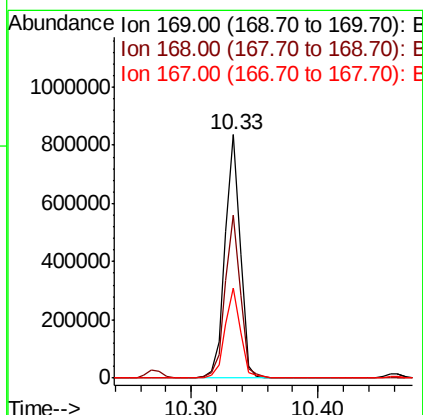
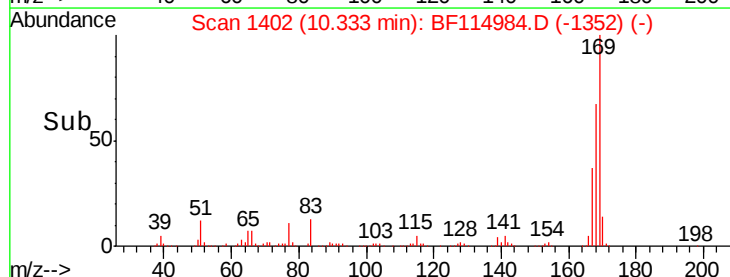


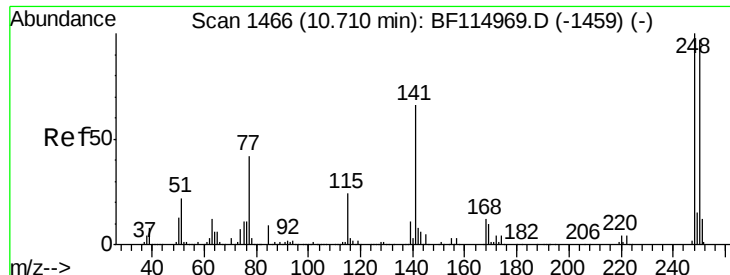
#66
n-Nitrosodiphenylamine
Concen: 20.818 ng
RT: 10.33 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:169 Resp: 697887
Ion Ratio Lower Upper
169 100
168 67.2 53.6 80.4
167 36.9 29.6 44.4



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

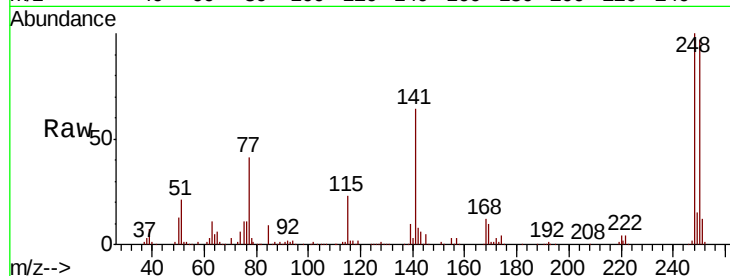




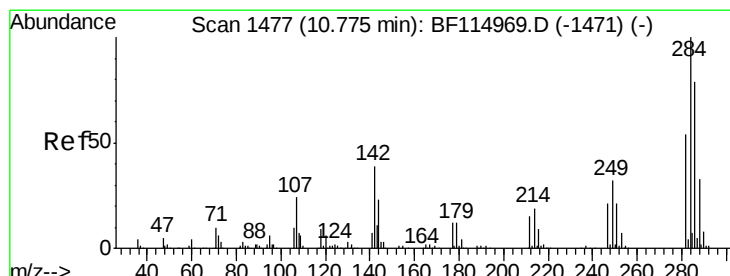
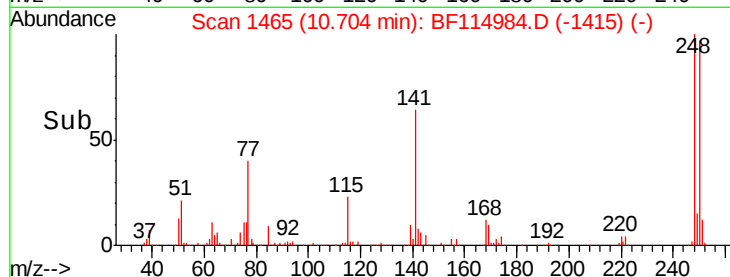
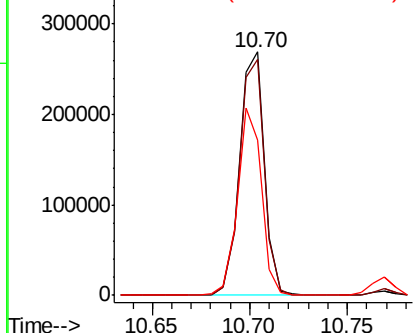
#67
4-Bromophenyl-phenylether
Concen: 19.615 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:248 Resp: 236191
Ion Ratio Lower Upper
248 100
250 96.8 77.8 116.8
141 63.8 53.1 79.7

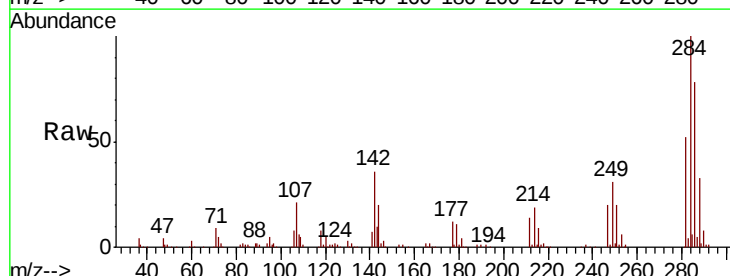


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

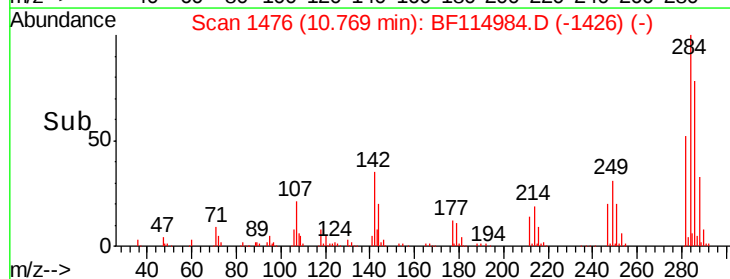
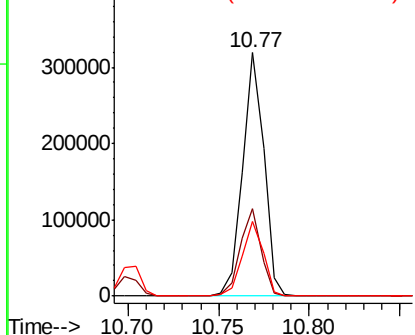


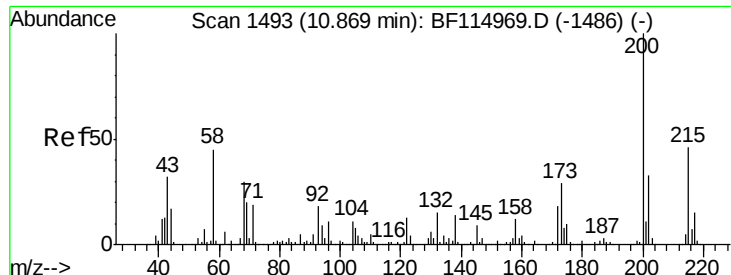
#68
Hexachlorobenzene
Concen: 19.601 ng
RT: 10.77 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:284 Resp: 259849
Ion Ratio Lower Upper
284 100
142 35.8 31.5 47.3
249 30.8 25.6 38.4



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

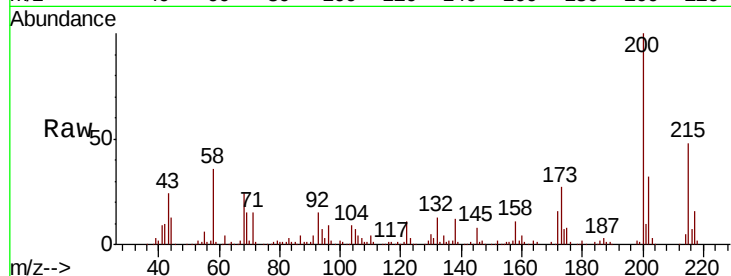




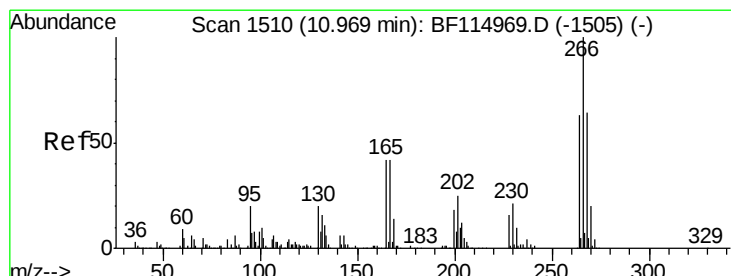
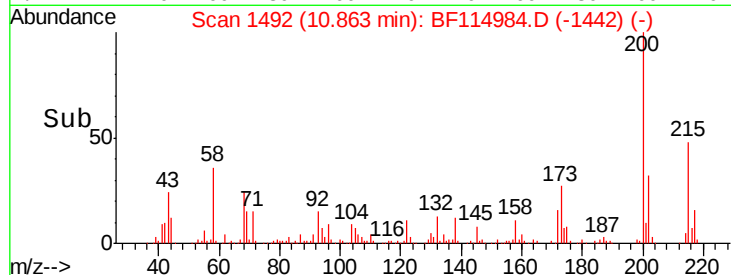
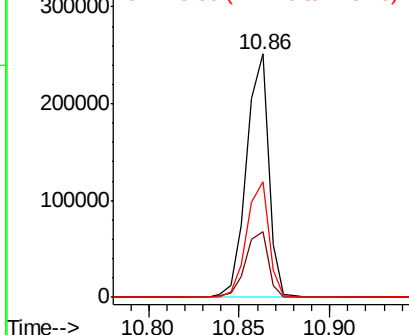
#69
Atrazine
Concen: 19.808 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:200 Resp: 214098
Ion Ratio Lower Upper
200 100
173 27.2 9.0 49.0
215 47.5 26.5 66.5

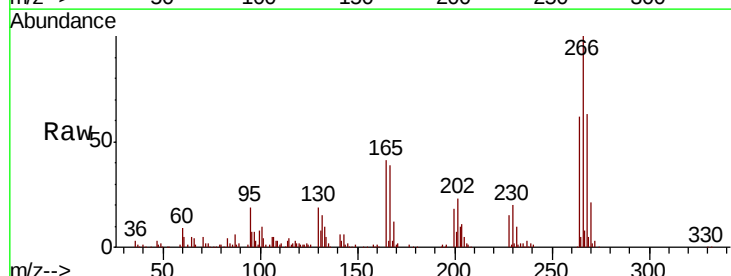


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

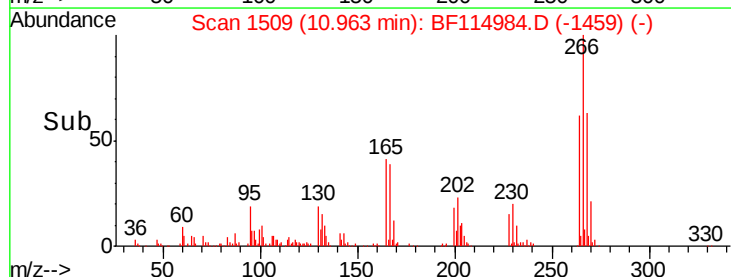
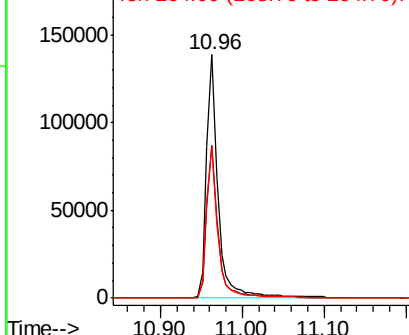


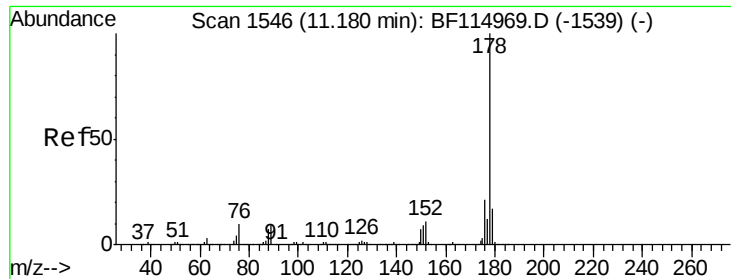
#70
Pentachlorophenol
Concen: 19.087 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:266 Resp: 137414
Ion Ratio Lower Upper
266 100
268 62.7 51.4 77.2
264 62.0 50.3 75.5



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

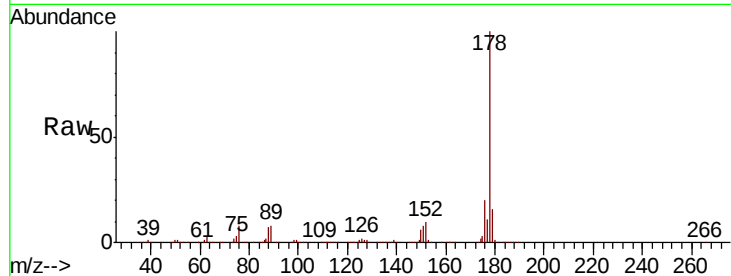




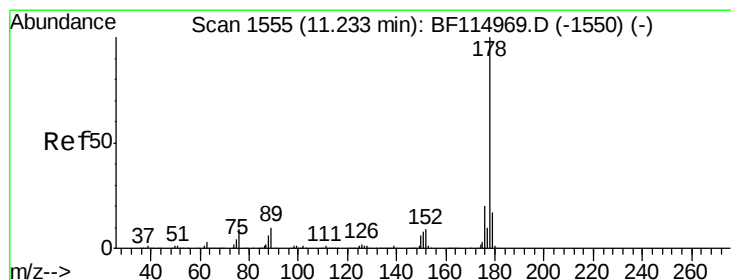
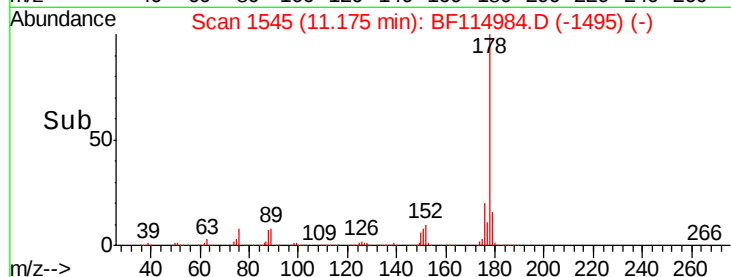
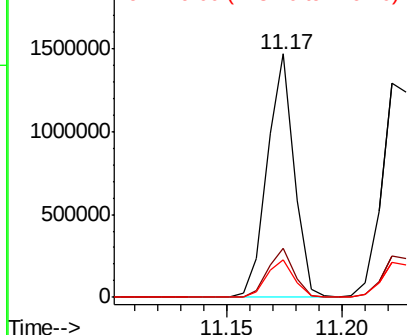
#71
Phenanthrene
Concen: 20.517 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

Tot Ion:178 Resp: 1188033
Ion Ratio Lower Upper
178 100
176 20.2 16.9 25.3
179 15.6 13.4 20.0

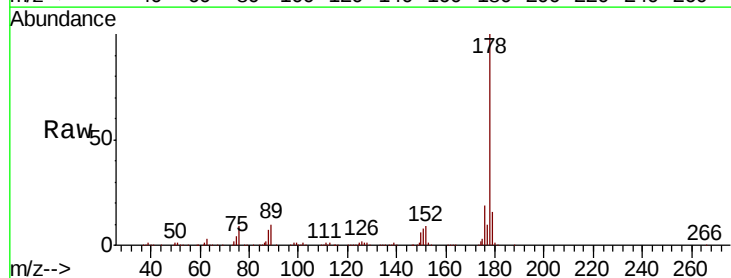


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

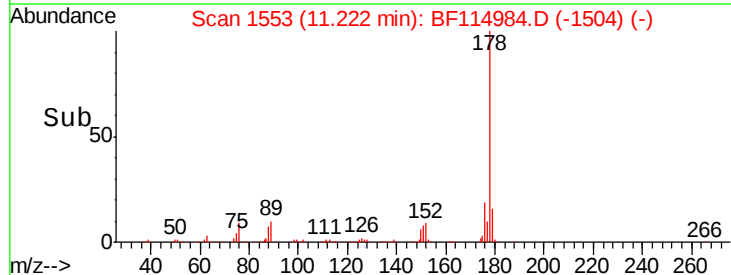
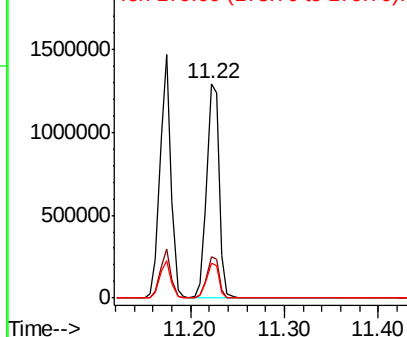


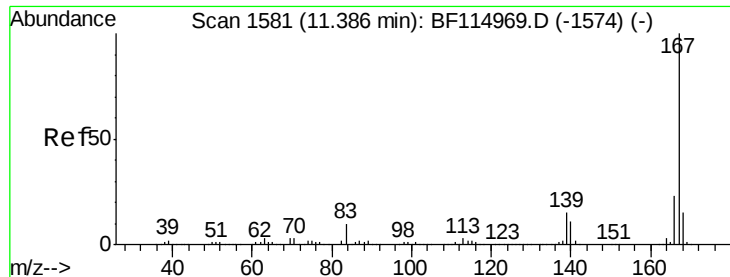
#72
Anthracene
Concen: 20.896 ng
RT: 11.22 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:178 Resp: 1220655
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.4
179 16.1 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

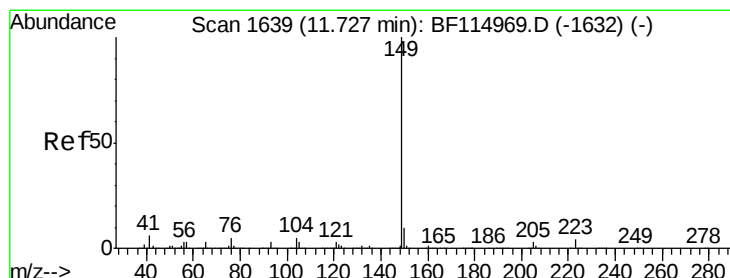
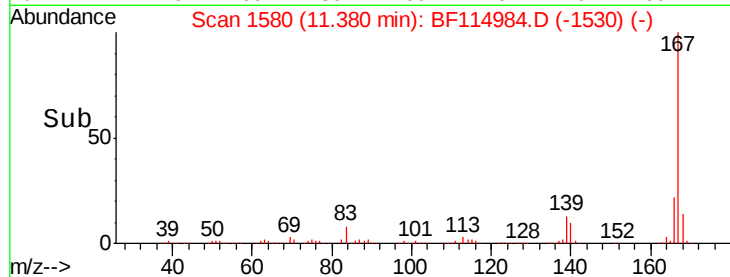
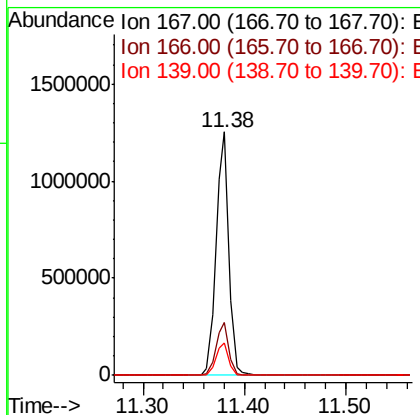
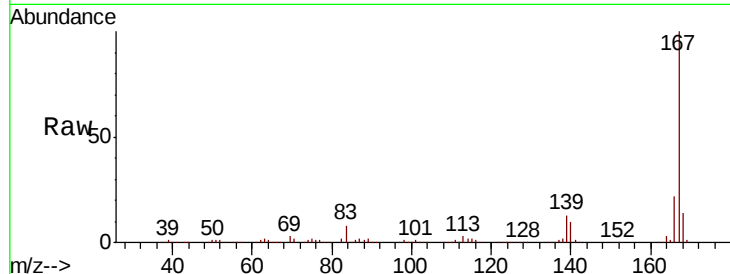




#73
 Carbazole
 Concen: 21.373 ng
 RT: 11.38 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

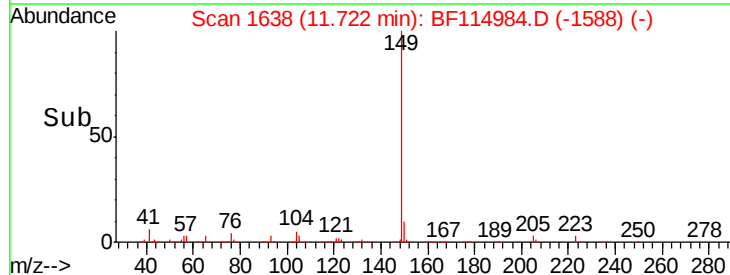
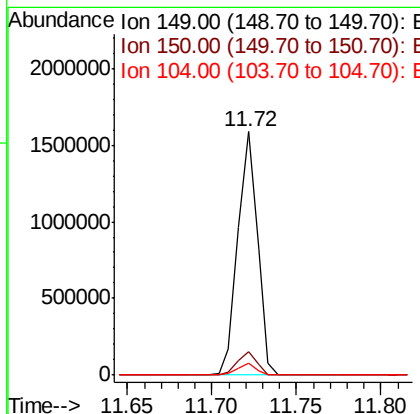
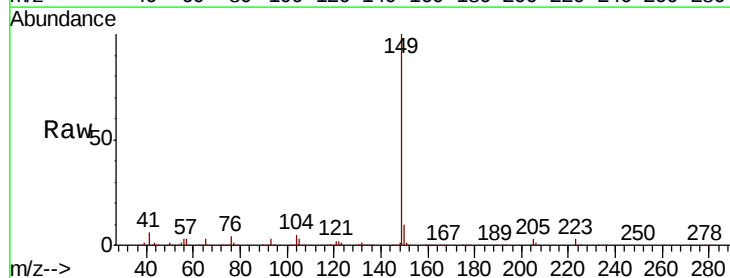
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

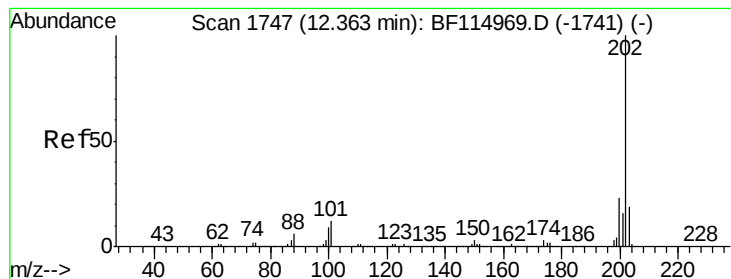
Tot Ion:167 Resp: 1089735
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.5 27.7
 139 13.5 12.0 18.0



#74
 Di-n-butylphthalate
 Concen: 20.025 ng
 RT: 11.72 min Scan# 1638
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:149 Resp: 1287195
 Ion Ratio Lower Upper
 149 100
 150 9.8 8.1 12.1
 104 4.7 4.0 6.0





#75

Fluoranthene

Concen: 20.669 ng

RT: 12.35 min Scan# 1745

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

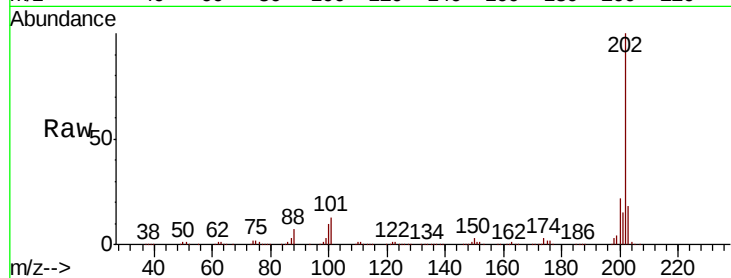
Tot Ion:202 Resp: 1223776

Ion Ratio Lower Upper

202 100

101 13.3 0.0 32.4

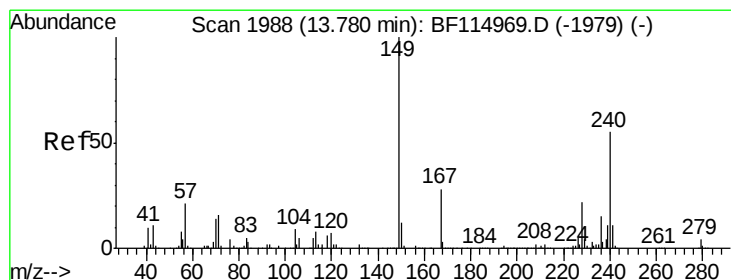
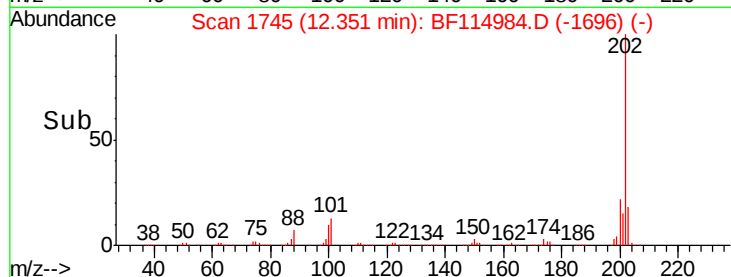
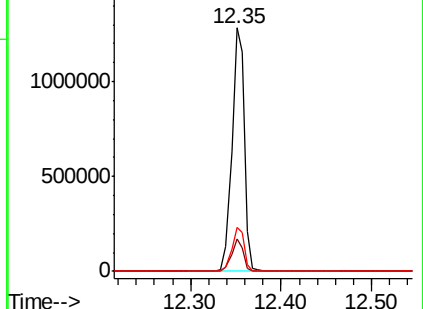
203 18.3 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

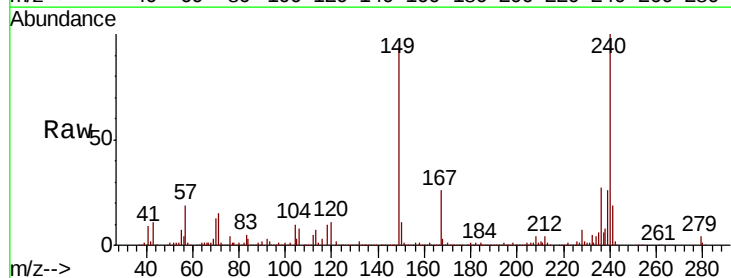
Tgt Ion:240 Resp: 747997

Ion Ratio Lower Upper

240 100

120 11.3 10.0 15.0

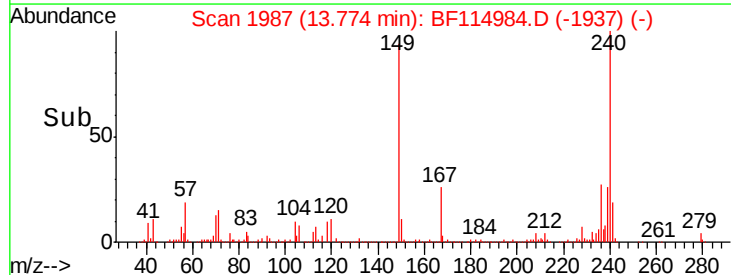
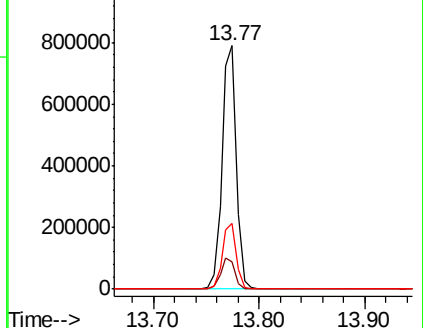
236 26.9 21.6 32.4

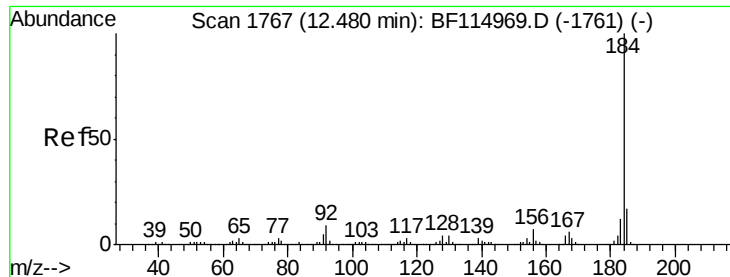


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.481 ng

RT: 12.47 min Scan# 1766

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

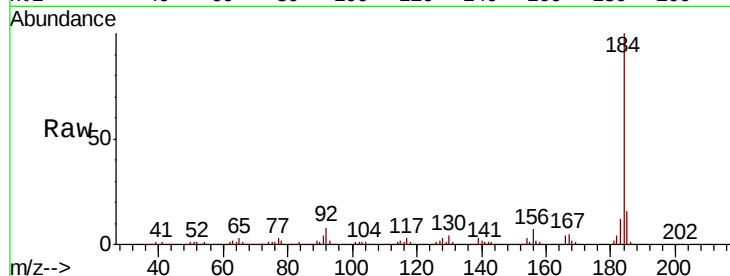
Tot Ion:184 Resp: 559135

Ion	Ratio	Lower	Upper
184	100		
185	16.2	13.4	20.0
183	11.8	9.8	14.6

184 100

185 16.2 13.4 20.0

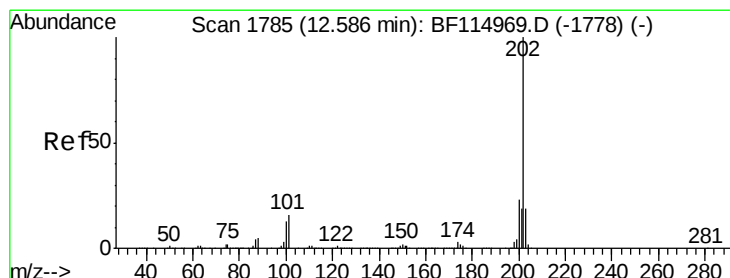
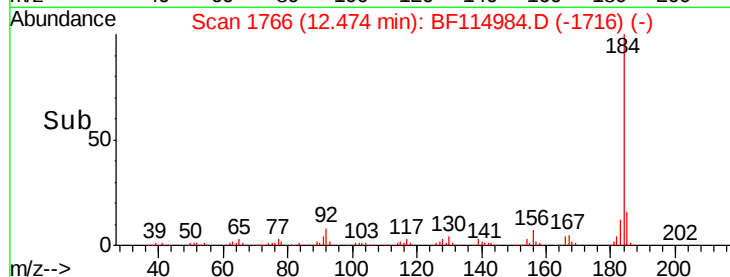
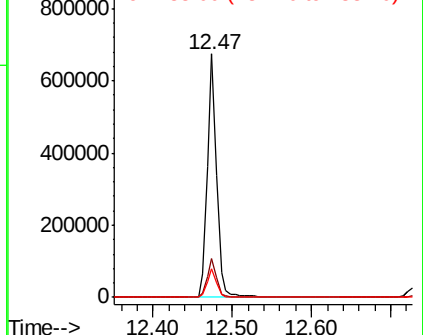
183 11.8 9.8 14.6



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 18.237 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

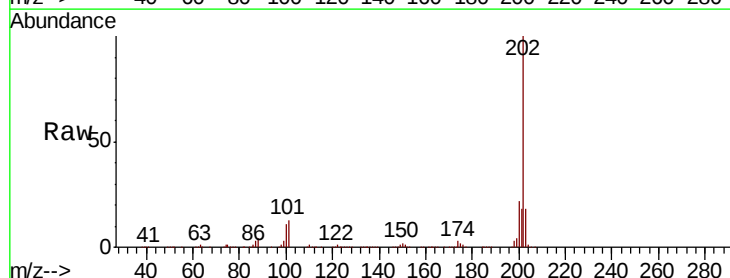
Tgt Ion:202 Resp: 1242670

Ion	Ratio	Lower	Upper
202	100		
200	21.9	18.4	27.6
203	17.6	14.9	22.3

202 100

200 21.9 18.4 27.6

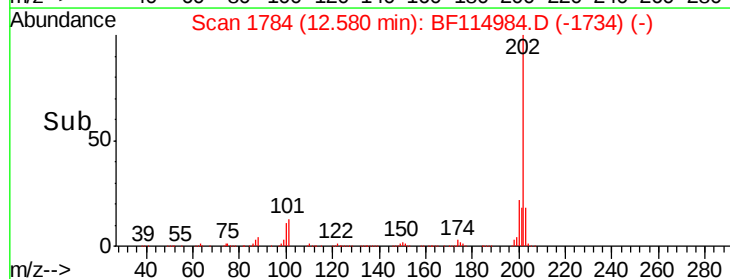
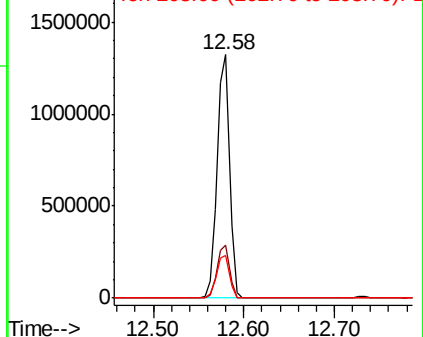
203 17.6 14.9 22.3

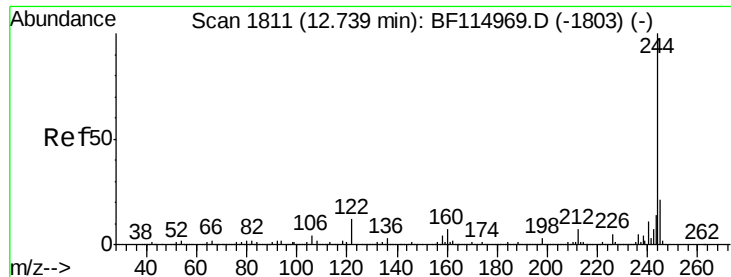


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

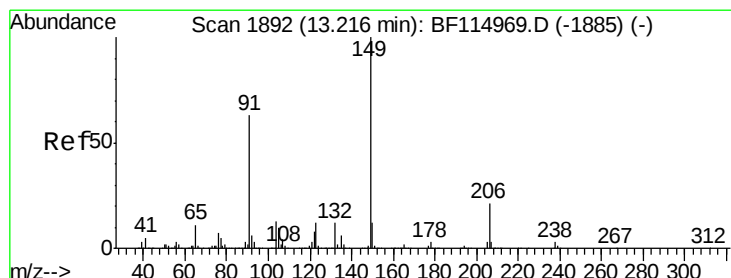
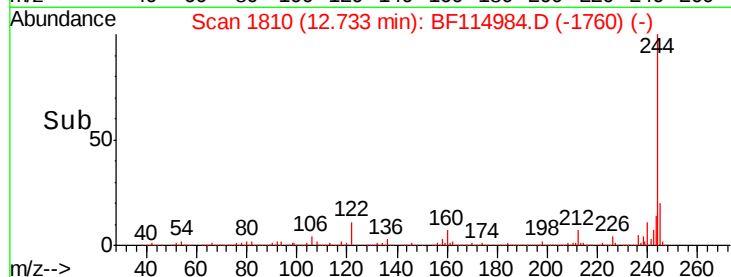
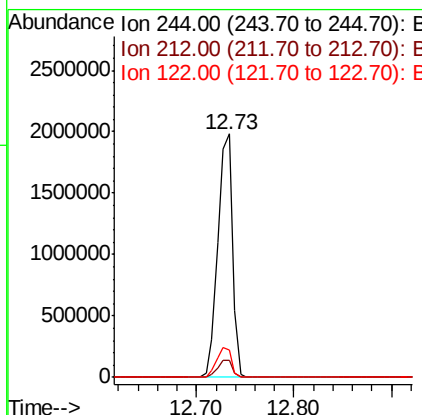
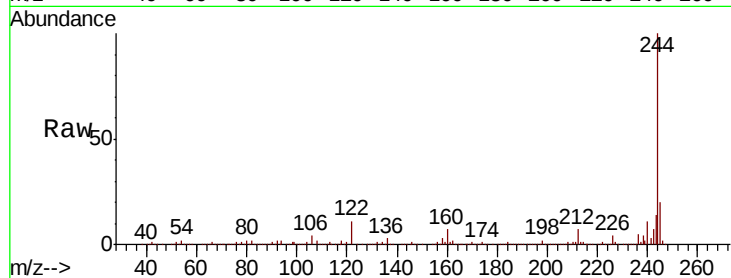




#79
 Terphenyl-d14
 Concen: 52.248 ng
 RT: 12.73 min Scan# 1810
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

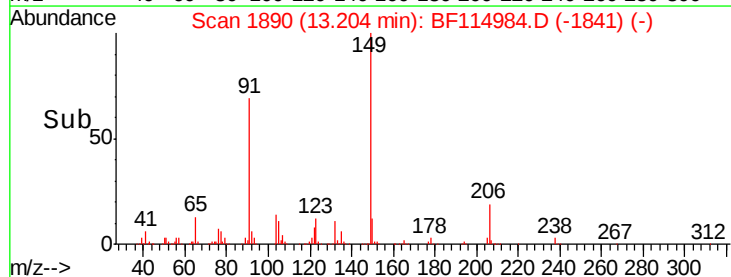
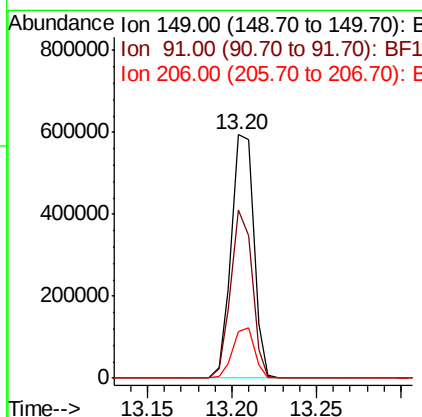
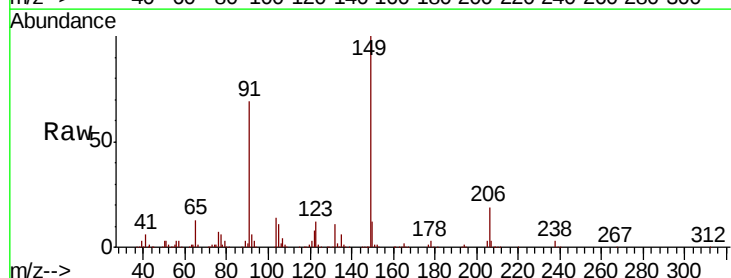
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

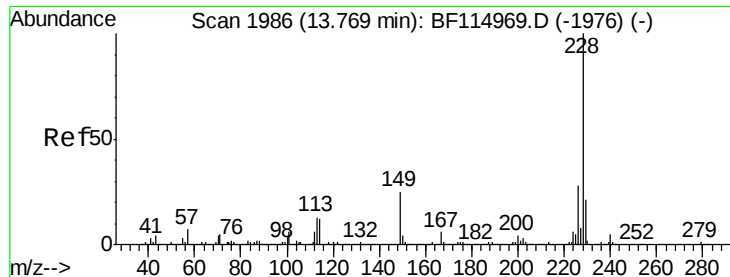
Tot Ion:244 Resp: 2077825
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 11.2 9.4 14.0



#80
 Butylbenzylphthalate
 Concen: 17.389 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:149 Resp: 553428
 Ion Ratio Lower Upper
 149 100
 91 68.8 50.6 76.0
 206 18.9 16.7 25.1





#81

Benzo(a)anthracene

Concen: 18.592 ng

RT: 13.76 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

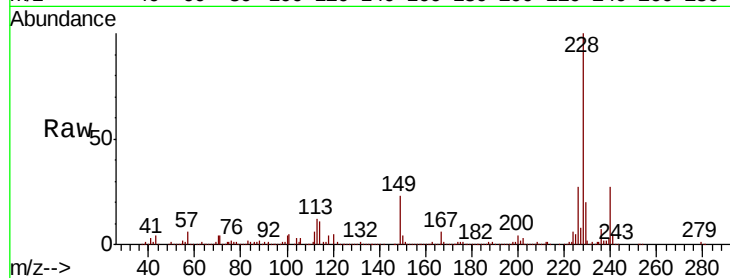
BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

Tot Ion:228 Resp: 1040698

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.0	33.0
229	19.6	16.6	25.0

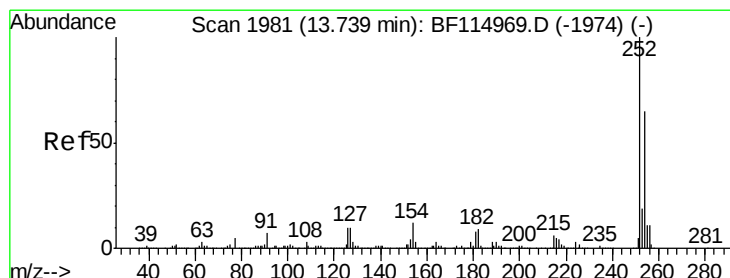
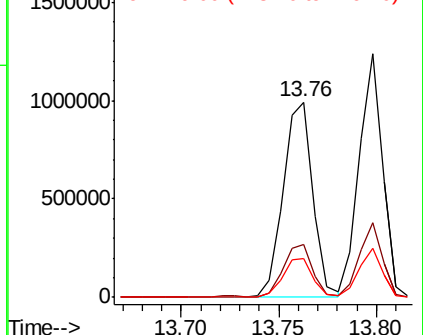
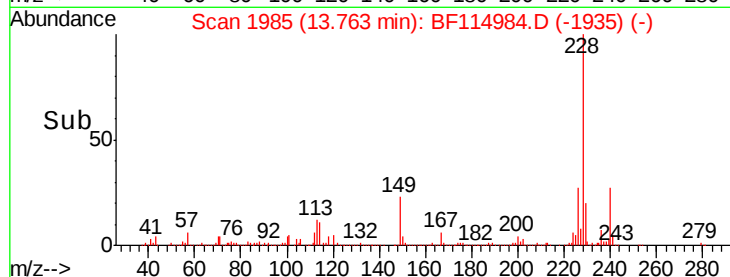


Abundance

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



#82

3,3'-Dichlorobenzidine

Concen: 19.386 ng

RT: 13.73 min Scan# 1979

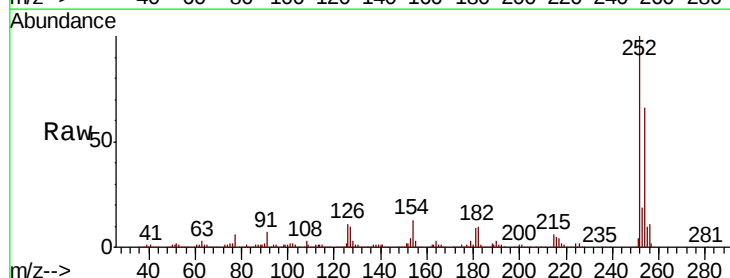
Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Tgt Ion:252 Resp: 416012

Ion	Ratio	Lower	Upper
252	100		
254	65.8	52.2	78.4
126	10.6	8.0	12.0

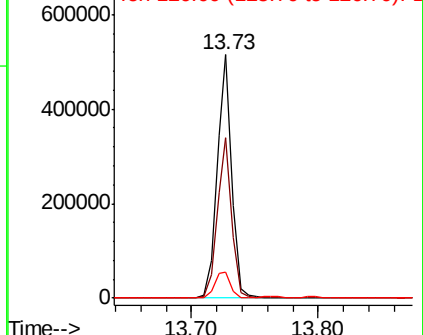
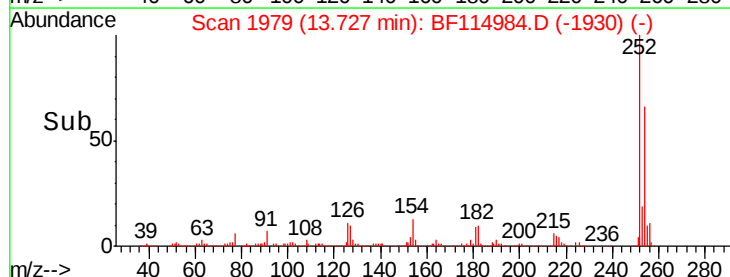


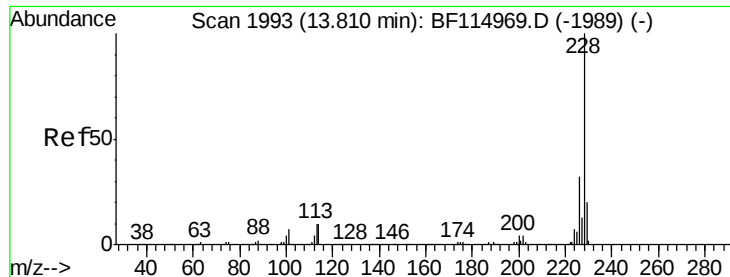
Abundance

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

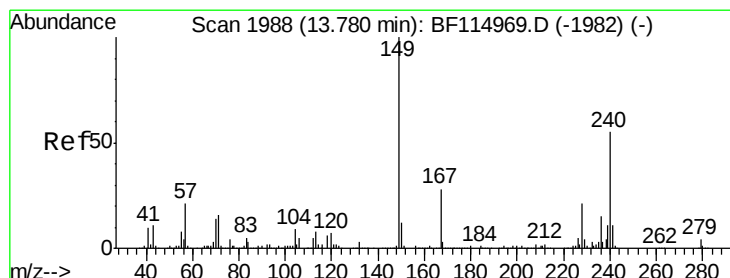
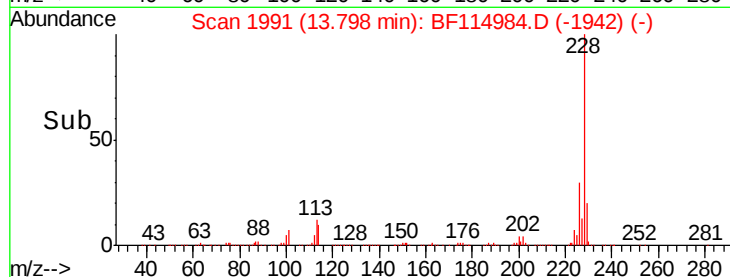
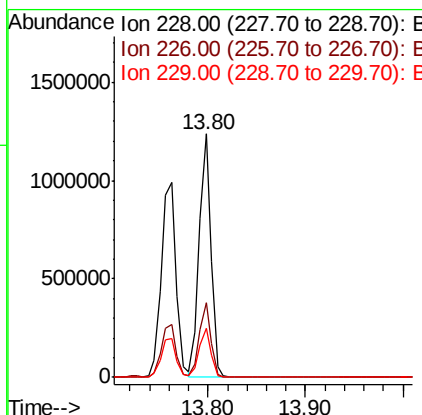
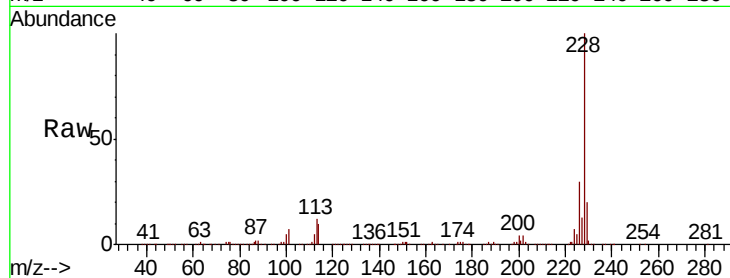




#83
 Chrvsene
 Concen: 18.691 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

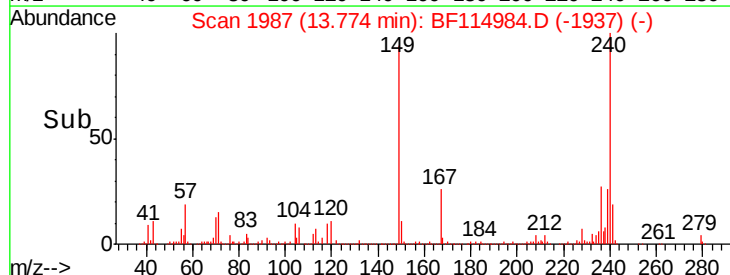
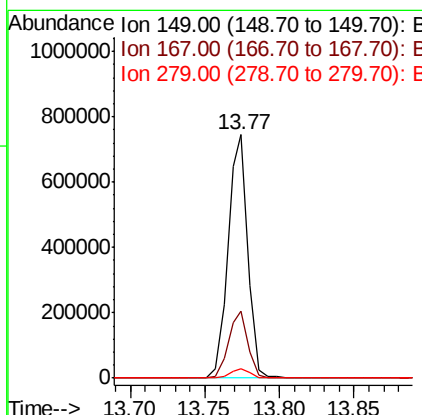
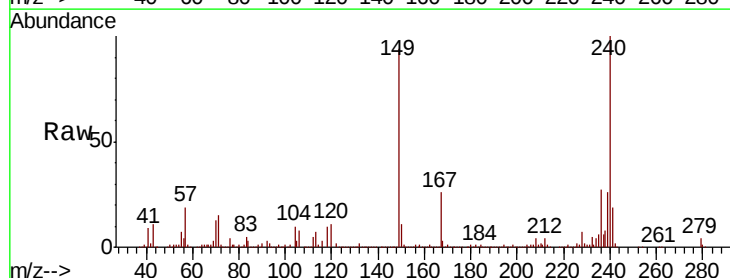
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

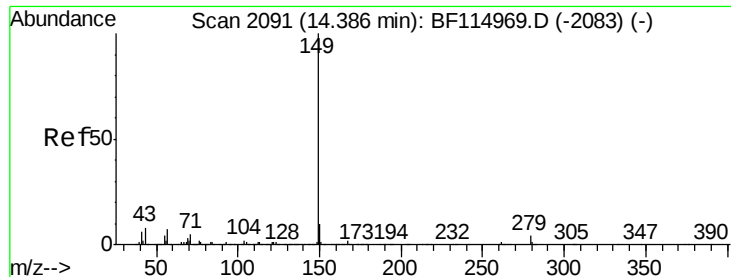
Tot Ion:228 Resp: 1040391
 Ion Ratio Lower Upper
 228 100
 226 30.5 25.4 38.0
 229 20.1 16.4 24.6



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 18.565 ng
 RT: 13.77 min Scan# 1987
 Delta R.T. -0.01 min
 Lab File: BF114984.D
 Acq: 12 Jun 2019 19:30

Tgt Ion:149 Resp: 698341
 Ion Ratio Lower Upper
 149 100
 167 27.5 22.2 33.4
 279 3.9 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 18.996 ng

RT: 14.38 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

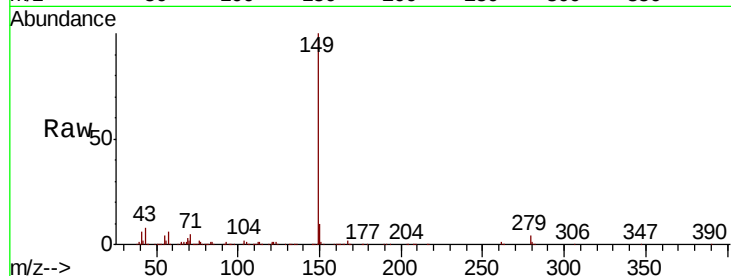
Tot Ion:149 Resp: 1230502

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

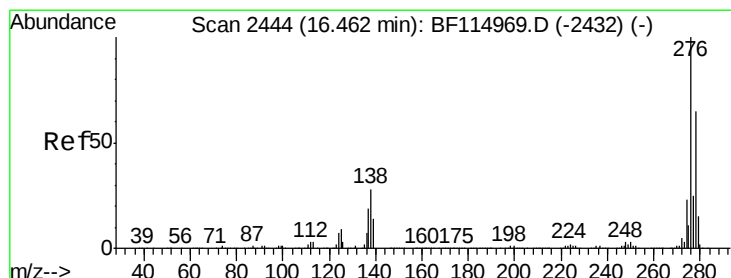
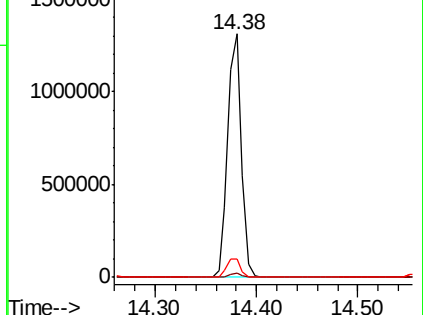
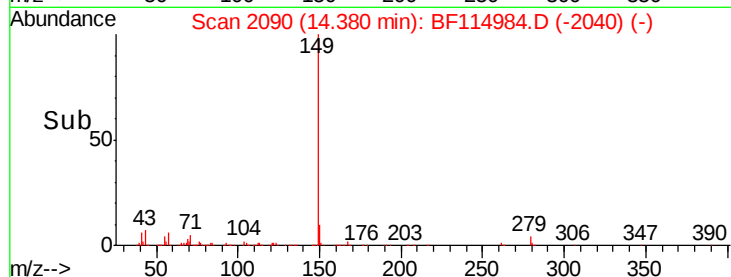
43 7.9 6.5 9.7



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: 16.898 ng

RT: 16.44 min Scan# 2440

Delta R.T. -0.02 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

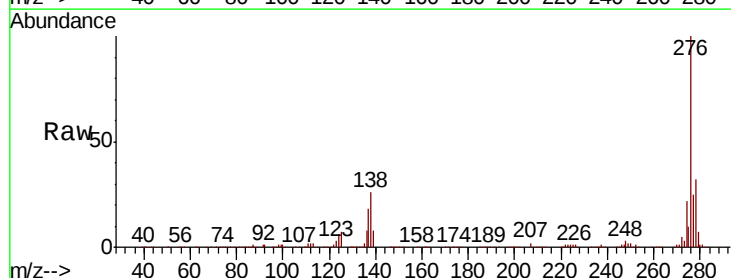
Tgt Ion:276 Resp: 826192

Ion Ratio Lower Upper

276 100

138 29.1 23.0 34.4

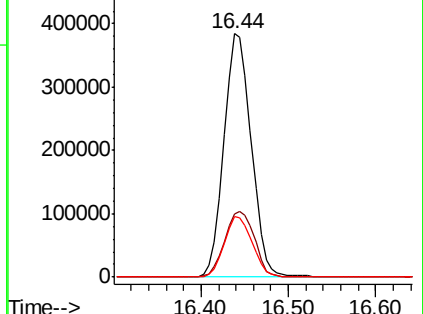
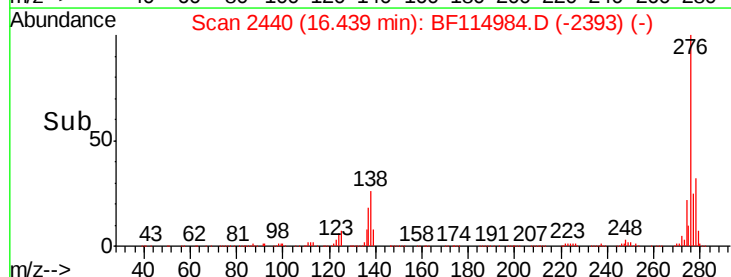
277 25.5 20.6 30.8

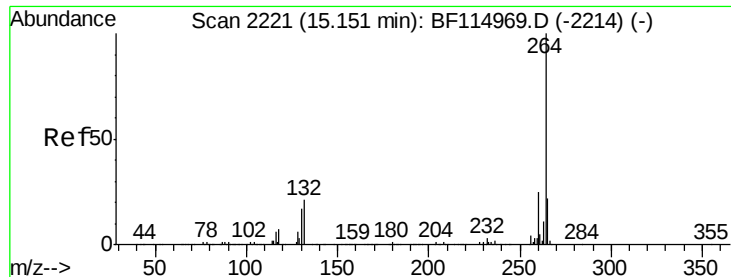


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

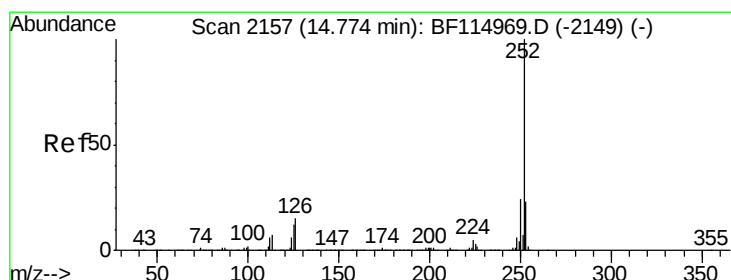
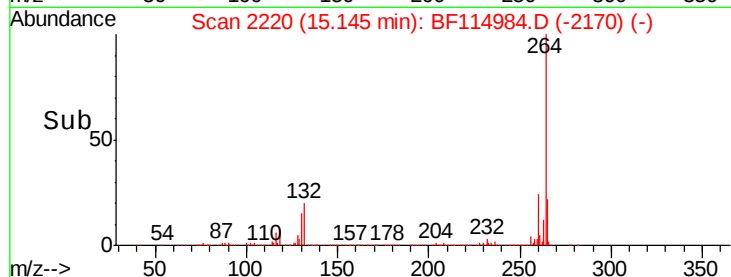
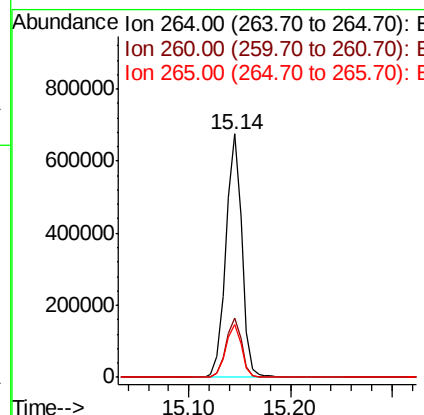
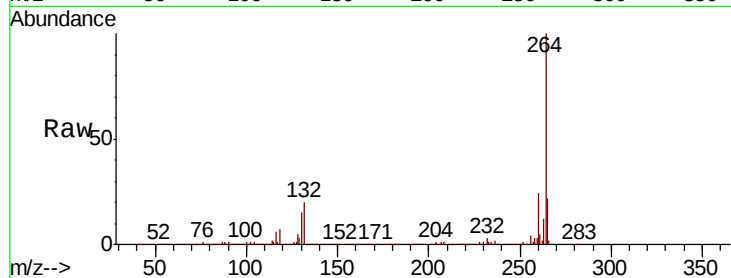




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

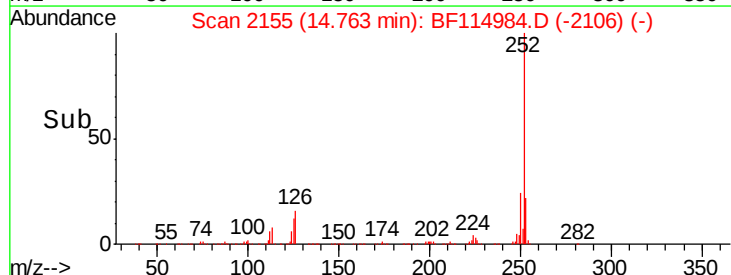
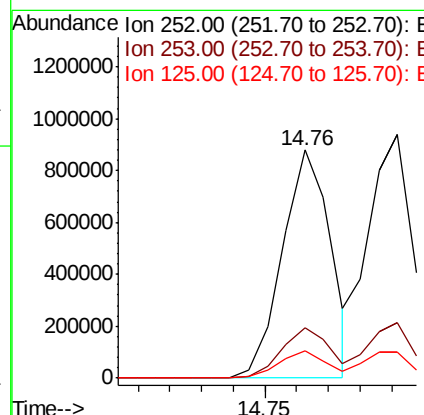
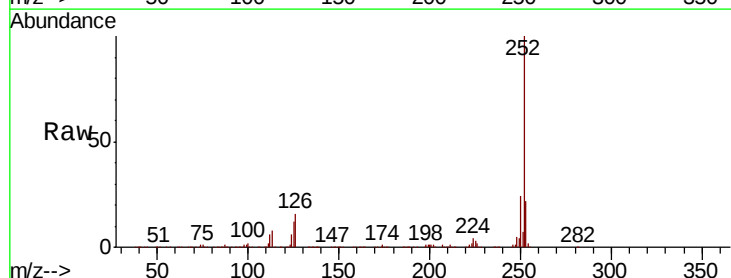
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

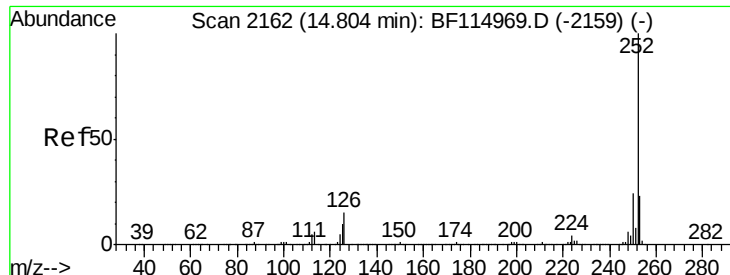
Tot Ion:264 Resp: 736603
Ion Ratio Lower Upper
264 100
260 24.3 19.9 29.9
265 21.6 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 19.051 ng
RT: 14.76 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:252 Resp: 932843
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 11.7 9.4 14.0

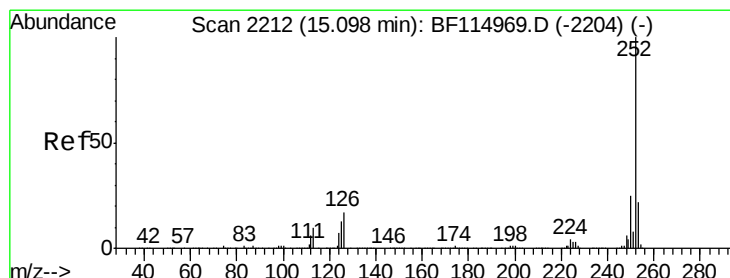
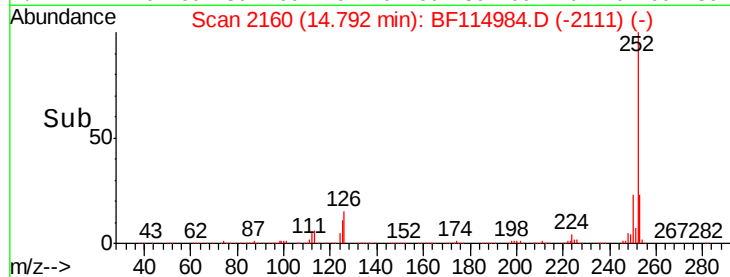
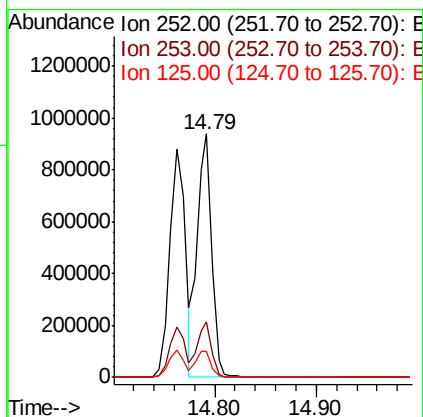
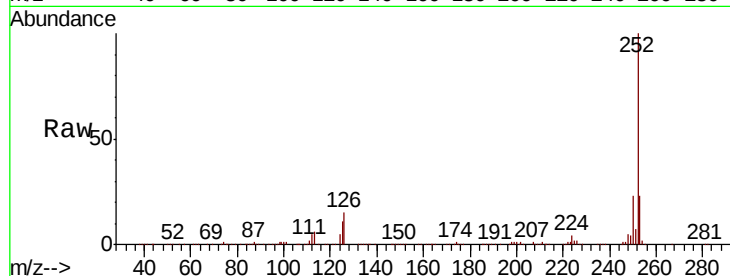




#89
Benzo(k)fluoranthene
Concen: 21.657 ng
RT: 14.79 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

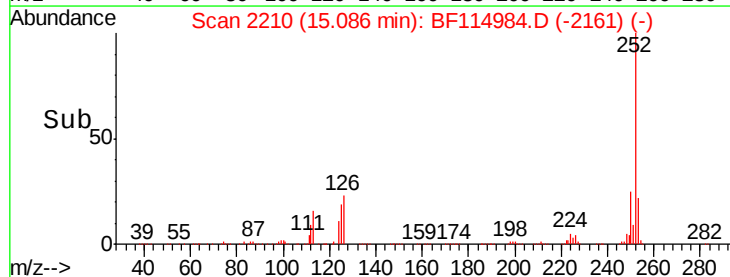
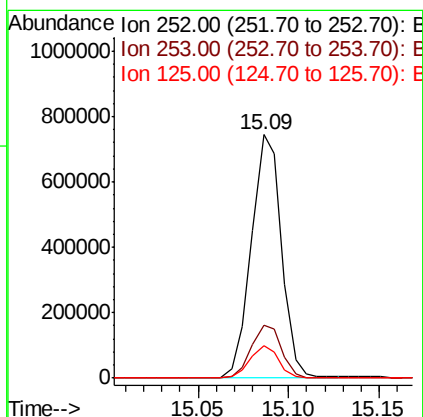
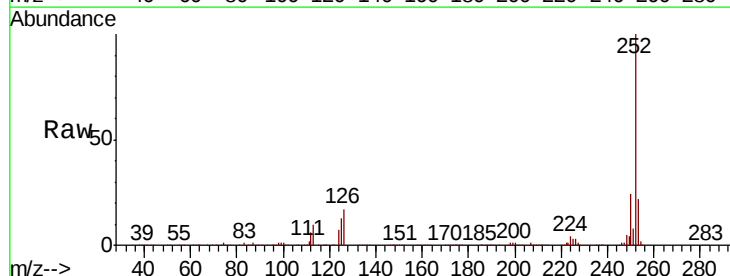
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2019

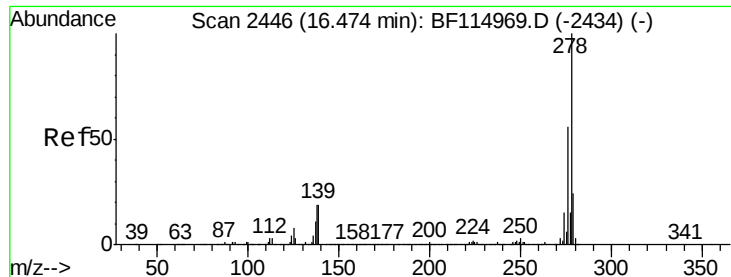
Tot Ion:252 Resp: 930836
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 10.9 8.2 12.4



#90
Benzo(a)pyrene
Concen: 20.388 ng
RT: 15.09 min Scan# 2210
Delta R.T. -0.01 min
Lab File: BF114984.D
Acq: 12 Jun 2019 19:30

Tgt Ion:252 Resp: 861477
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 13.3 10.7 16.1





#91

Dibenzo(a,h)anthracene

Concen: 19.033 ng

RT: 16.46 min Scan# 2443

Delta R.T. -0.02 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2019

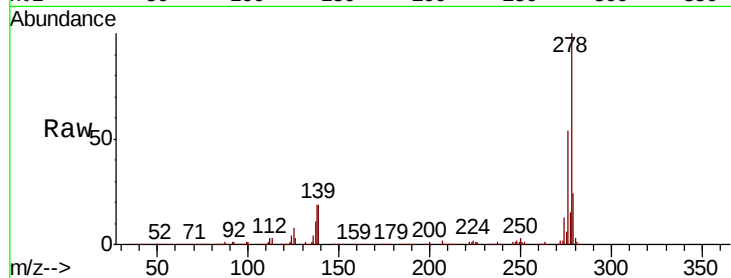
Tot Ion:278 Resp: 692570

Ion Ratio Lower Upper

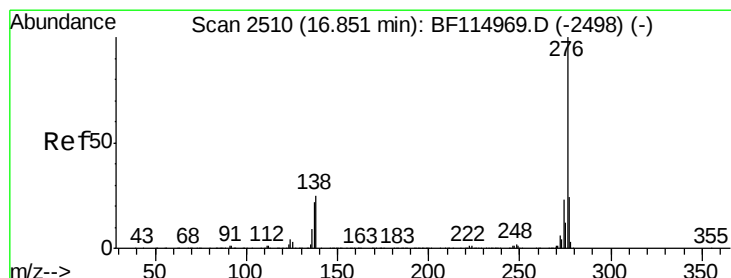
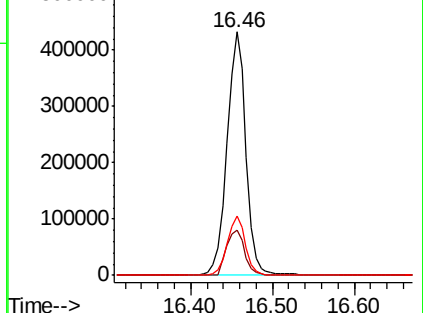
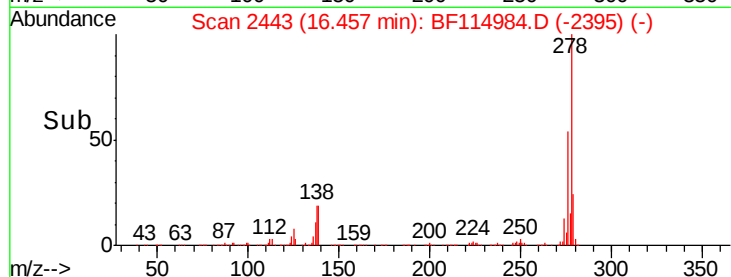
278 100

139 18.5 15.3 22.9

279 24.3 19.2 28.8



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: 18.426 ng

RT: 16.83 min Scan# 2506

Delta R.T. -0.02 min

Lab File: BF114984.D

Acq: 12 Jun 2019 19:30

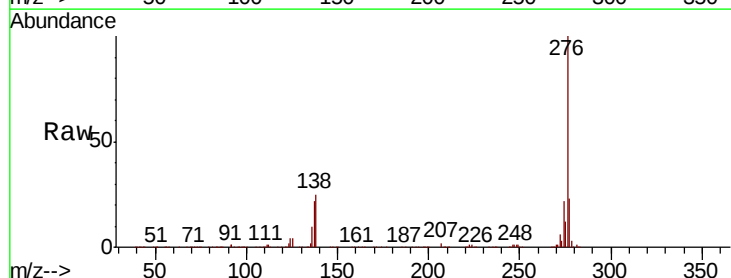
Tgt Ion:276 Resp: 683781

Ion Ratio Lower Upper

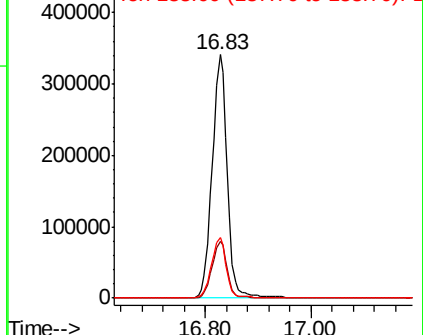
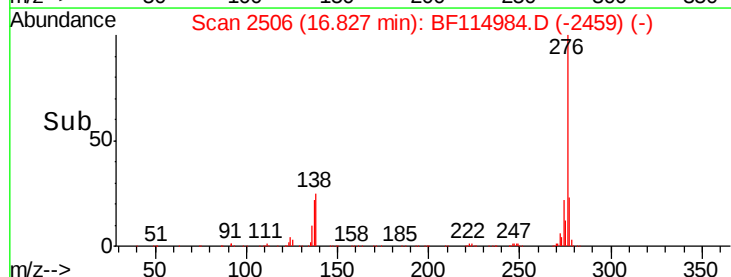
276 100

277 23.4 18.8 28.2

138 25.1 20.2 30.4



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\BF061219\
 Data File : BF114984.D
 Acq On : 12 Jun 2019 19:30
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOO-WATER-20PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: Jun 13 11:27:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 10:54:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	292481	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1169766	20.00	ng	0.00
39) Acenaphthene-d10	9.67	164	575654	20.00	ng	0.00
64) Phenanthrene-d10	11.15	188	1121487	20.00	ng	0.00
76) Chrysene-d12	13.77	240	747997	20.00	ng	0.00
87) Perylene-d12	15.14	264	736603	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.25	112	1351045	77.13	ng	0.00
7) Phenol-d6	6.29	99	1712989	81.07	ng	0.00
23) Nitrobenzene-d5	7.21	82	983533	50.61	ng	0.00
42) 2,4,6-Tribromophenol	10.46	330	498428	80.86	ng	0.00
45) 2-Fluorobiphenyl	9.00	172	1923189	56.62	ng	0.00
79) Terphenyl-d14	12.73	244	2077825	52.25	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.28	88	156828	19.128	ng	99
3) Pyridine	2.96	79	371931	16.112	ng	98
4) n-Nitrosodimethylamine	2.88	42	146063	17.823	ng	98
6) Aniline	6.31	93	544568	19.245	ng	# 83
8) 2-Chlorophenol	6.43	128	392267	19.750	ng	99
9) Benzaldehyde	6.19	77	314101	25.858	ng	99
10) Phenol	6.30	94	471043	19.926	ng	92
11) bis(2-Chloroethyl)ether	6.39	93	359263	19.580	ng	100
12) 1,3-Dichlorobenzene	6.59	146	440638	18.994	ng	99
13) 1,4-Dichlorobenzene	6.66	146	449652	19.279	ng	98
14) 1,2-Dichlorobenzene	6.82	146	420219	19.138	ng	98
15) Benzyl Alcohol	6.79	79	315983	19.960	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	479069	19.508	ng	97
17) 2-Methylphenol	6.91	107	322745	19.482	ng	98
18) Hexachloroethane	7.16	117	155015	18.404	ng	94
19) n-Nitroso-di-n-propylamine	7.06	70	256080	19.948	ng	95
20) 3+4-Methylphenols	7.06	107	398153	20.194	ng	# 80
22) Acetophenone	7.06	105	568458	21.468	ng	98
24) Nitrobenzene	7.23	77	393679	19.910	ng	94
25) Isophorone	7.47	82	716242	19.678	ng	98
26) 2-Nitrophenol	7.55	139	218084	19.788	ng	99
27) 2,4-Dimethylphenol	7.59	122	335992	21.133	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	453441	19.417	ng	99
29) 2,4-Dichlorophenol	7.79	162	337967	20.122	ng	97
30) 1,2,4-Trichlorobenzene	7.87	180	381222	19.643	ng	100
31) Naphthalene	7.95	128	1175898	21.246	ng	98
32) Benzoic acid	7.70	122	202147	17.572	ng	98
33) 4-Chloroaniline	8.00	127	500535	19.592	ng	99
34) Hexachlorobutadiene	8.07	225	204280	18.937	ng	99
35) Caprolactam	8.36	113	110425	19.740	ng	98
36) 4-Chloro-3-methylphenol	8.49	107	346199	20.454	ng	100
37) 2-Methylnaphthalene	8.64	142	798028	21.618	ng	99
38) 1-Methylnaphthalene	8.74	142	754289	21.619	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	364617	21.439	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
 Data File : BF114984.D
 Acq On : 12 Jun 2019 19:30
 Operator : HP/JU
 Sample : K2241-08
 Misc : LOQ-WATER-20PPM
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2019

Quant Time: Jun 13 11:27:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 13 10:54:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	145075	17.311	nq	99
43) 2,4,6-Trichlorophenol	8.92	196	240726	18.951	nq	99
44) 2,4,5-Trichlorophenol	8.96	196	256465	19.978	nq	96
46) 1,1'-Biphenyl	9.10	154	992010	21.505	nq	98
47) 2-Chloronaphthalene	9.13	162	741546	19.879	nq	96
48) 2-Nitroaniline	9.22	65	205597	18.647	nq	94
49) Acenaphthylene	9.54	152	1185101	20.663	nq	96
50) Dimethylphthalate	9.40	163	854980	19.749	nq	99
51) 2,6-Dinitrotoluene	9.46	165	193141	19.668	nq	90
52) Acenaphthene	9.71	154	684543	20.862	nq	98
53) 3-Nitroaniline	9.63	138	223591	18.583	nq	97
54) 2,4-Dinitrophenol	9.73	184	82761	17.375	nq	94
55) Dibenzofuran	9.88	168	1028435	20.796	nq	97
56) 4-Nitrophenol	9.79	139	159120	19.178	nq	99
57) 2,4-Dinitrotoluene	9.86	165	258030	20.644	nq	98
58) Fluorene	10.22	166	759621	21.001	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.00	232	212929	20.534	nq	99
60) Diethylphthalate	10.10	149	820878	19.831	nq	99
61) 4-Chlorophenyl-phenylether	10.22	204	363857	20.380	nq	97
62) 4-Nitroaniline	10.23	138	221890	18.342	nq	99
63) Azobenzene	10.37	77	747711	20.647	nq	99
65) 4,6-Dinitro-2-methylphenol	10.27	198	115445	18.366	nq	98
66) n-Nitrosodiphenylamine	10.33	169	697887	20.818	nq	100
67) 4-Bromophenyl-phenylether	10.70	248	236191	19.615	nq	98
68) Hexachlorobenzene	10.77	284	259849	19.601	nq	96
69) Atrazine	10.86	200	214098	19.808	nq	98
70) Pentachlorophenol	10.96	266	137414	19.087	nq	98
71) Phenanthrene	11.17	178	1188033	20.517	nq	98
72) Anthracene	11.22	178	1220655	20.896	nq	98
73) Carbazole	11.38	167	1089735	21.373	nq	97
74) Di-n-butylphthalate	11.72	149	1287195	20.025	nq	99
75) Fluoranthene	12.35	202	1223776	20.669	nq	99
77) Benzidine	12.47	184	559135	18.481	nq	99
78) Pyrene	12.58	202	1242670	18.237	nq	98
80) Butylbenzylphthalate	13.20	149	553428	17.389	nq	94
81) Benzo(a)anthracene	13.76	228	1040698	18.592	nq	99
82) 3,3'-Dichlorobenzidine	13.73	252	416012	19.386	nq	99
83) Chrysene	13.80	228	1040391	18.691	nq	98
84) Bis(2-ethylhexyl)phthalate	13.77	149	698341	18.565	nq	99
85) Di-n-octyl phthalate	14.38	149	1230502	18.996	nq	100
86) Indeno(1,2,3-cd)pyrene	16.44	276	826192	16.898	nq	99
88) Benzo(b)fluoranthene	14.76	252	932843	19.051	nq	100
89) Benzo(k)fluoranthene	14.79	252	930836	21.657	nq	99
90) Benzo(a)pyrene	15.09	252	861477	20.388	nq	99
91) Dibenzo(a,h)anthracene	16.46	278	692570	19.033	nq	99
92) Benzo(g,h,i)perylene	16.83	276	683781	18.426	nq	100

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