

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120816.D
 Acq On : 9 Jul 2020 13:57
 Operator : JU/CG
 Sample : L3216-08
 Misc : LOQ-WATER-10PPM
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Quant Time: Jul 09 14:33:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	134145	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	506629	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	250614	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	445263	20.00	ng	0.00
76) Chrysene-d12	14.00	240	334955	20.00	ng	0.00
86) Perylene-d12	15.46	264	271616	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	846789	97.44	ng	0.00
7) Phenol-d6	6.47	99	1079081	97.24	ng	0.00
23) Nitrobenzene-d5	7.41	82	694070	79.37	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	262762	104.36	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1268925	76.60	ng	0.00
79) Terphenyl-d14	12.96	244	1050237	61.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	40102	10.102	ng	100
3) Pyridine	3.36	79	78010	7.175	ng	98
4) n-Nitrosodimethylamine	3.26	42	47242	8.685	ng	96
6) Aniline	6.50	93	132628	9.306	ng	100
8) 2-Chlorophenol	6.63	128	84084	9.088	ng	95
9) Benzaldehyde	6.39	77	73834	11.187	ng	98
10) Phenol	6.48	94	107037	9.376	ng	95
11) bis(2-Chloroethyl)ether	6.58	93	84344	9.079	ng	99
12) 1,3-Dichlorobenzene	6.79	146	93607	9.192	ng	96
13) 1,4-Dichlorobenzene	6.86	146	94941	9.308	ng	98
14) 1,2-Dichlorobenzene	7.02	146	89901	9.264	ng	99
15) Benzyl Alcohol	6.98	79	81081	9.724	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	125147	8.637	ng	100
17) 2-Methylphenol	7.09	107	68099	8.228	ng	96
18) Hexachloroethane	7.36	117	34764	9.068	ng	97
19) n-Nitroso-di-n-propylamine	7.25	70	59950	8.972	ng	97
20) 3+4-Methylphenols	7.24	107	86738	8.509	ng	93
22) Acetophenone	7.25	105	126896	10.077	ng	95
24) Nitrobenzene	7.42	77	96261	9.804	ng	94
25) Isophorone	7.66	82	161546	8.566	ng	97
26) 2-Nitrophenol	7.74	139	31053	8.652	ng	94
27) 2,4-Dimethylphenol	7.77	122	71455	9.492	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	101530	9.097	ng	98
29) 2,4-Dichlorophenol	7.98	162	65142	8.668	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	74195	8.790	ng	99
31) Naphthalene	8.15	128	254287	9.392	ng	98
32) Benzoic acid	7.83	122	22708	5.574	ng	95
33) 4-Chloroaniline	8.19	127	98052	8.534	ng	94
34) Hexachlorobutadiene	8.27	225	43011	8.472	ng	98
35) Caprolactam	8.53	113	17470	7.978	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	66091	8.454	ng	97
37) 2-Methylnaphthalene	8.84	142	162275	9.220	ng	98
38) 1-Methylnaphthalene	8.94	142	151796	9.207	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	71176	9.397	ng	98

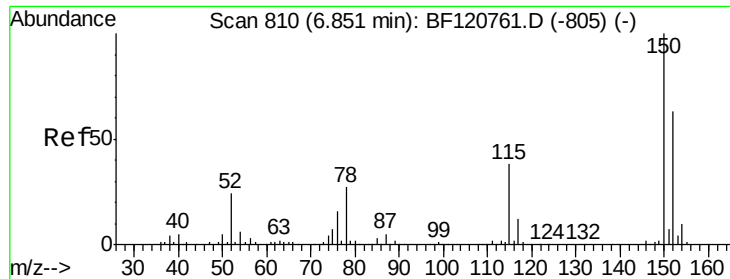
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120816.D
 Acq On : 9 Jul 2020 13:57
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	34634	7.739	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	40107	7.771	ng	99
44) 2,4,5-Trichlorophenol	9.15	196	44736	7.810	ng	97
46) 1,1'-Biphenyl	9.30	154	204504	10.116	ng	98
47) 2-Chloronaphthalene	9.33	162	144104	8.898	ng	99
48) 2-Nitroaniline	9.42	65	40085	9.251	ng	87
49) Acenaphthylene	9.75	152	230986	9.097	ng	98
50) Dimethylphthalate	9.60	163	161387	8.828	ng	99
51) 2,6-Dinitrotoluene	9.66	165	30001	9.084	ng	88
52) Acenaphthene	9.92	154	136974	8.696	ng	98
53) 3-Nitroaniline	9.83	138	34433	8.439	ng	95
54) 2,4-Dinitrophenol	9.93	184	4883	4.477	ng	# 22
55) Dibenzofuran	10.09	168	208908	9.201	ng	100
56) 4-Nitrophenol	9.97	139	23024	7.682	ng	95
57) 2,4-Dinitrotoluene	10.06	165	35851	9.041	ng	95
58) Fluorene	10.43	166	160408	9.491	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	36135	8.478	ng	89
60) Diethylphthalate	10.30	149	162714	8.544	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	76654	9.022	ng	93
62) 4-Nitroaniline	10.43	138	33873	8.720	ng	93
63) Azobenzene	10.58	77	175807	9.024	ng	93
65) 4,6-Dinitro-2-methylphenol	10.46	198	8813	6.160	ng	99
66) n-Nitrosodiphenylamine	10.54	169	133342	8.935	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	41389	8.013	ng	97
68) Hexachlorobenzene	10.97	284	46326	8.547	ng	99
69) Atrazine	11.06	200	37167	9.667	ng	97
70) Pentachlorophenol	11.17	266	19264	6.282	ng	98
71) Phenanthrene	11.39	178	219841	9.100	ng	98
72) Anthracene	11.44	178	222402	9.110	ng	99
73) Carbazole	11.59	167	200266	8.536	ng	98
74) Di-n-butylphthalate	11.93	149	228443	7.865	ng	98
75) Fluoranthene	12.57	202	219310	8.521	ng	97
77) Benzidine	12.70	184	89231	9.438	ng	# 95
78) Pyrene	12.80	202	228184	8.530	ng	98
80) Butylbenzylphthalate	13.43	149	76948	6.662	ng	99
81) Benzo(a)anthracene	13.99	228	191637	8.925	ng	99
82) 3,3'-Dichlorobenzidine	13.96	252	57841	7.983	ng	# 98
83) Chrysene	14.03	228	181933	8.307	ng	98
84) Bis(2-ethylhexyl)phthalate	13.99	149	119163	7.868	ng	100
85) Di-n-octyl phthalate	14.60	149	154958	5.783	ng	98
87) Indeno(1,2,3-cd)pyrene	16.90	276	133351	7.654	ng	97
88) Benzo(b)fluoranthene	15.04	252	144813	8.110	ng	98
89) Benzo(k)fluoranthene	15.06	252	154808	8.910	ng	98
90) Benzo(a)pyrene	15.40	252	123565	7.757	ng	100
91) Dibenzo(a,h)anthracene	16.93	278	115443	7.950	ng	99
92) Benzo(g,h,i)perylene	17.34	276	110968	8.362	ng	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

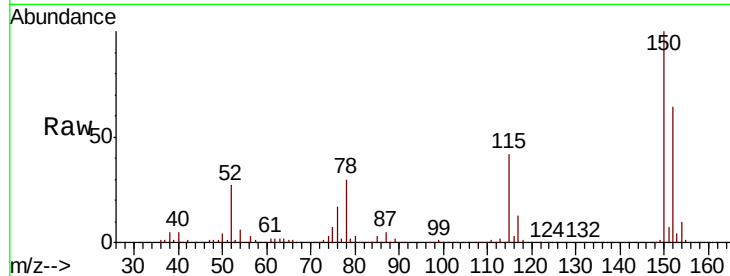
Tot Ion:152 Resp: 134145

Ion Ratio Lower Upper

152 100

150 157.2 126.1 189.1

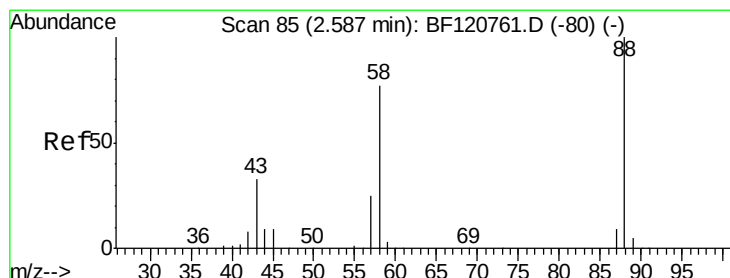
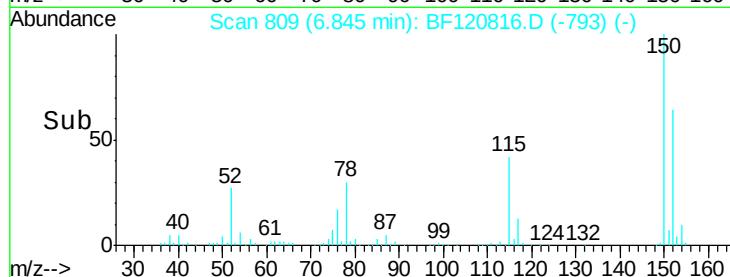
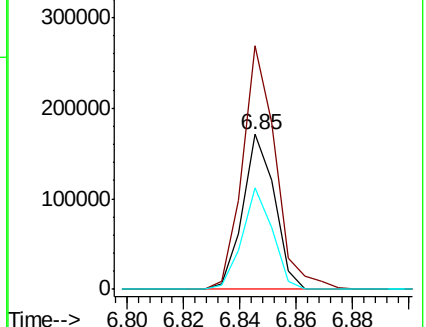
115 65.5 48.5 72.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 10.102 ng

RT: 2.58 min Scan# 84

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

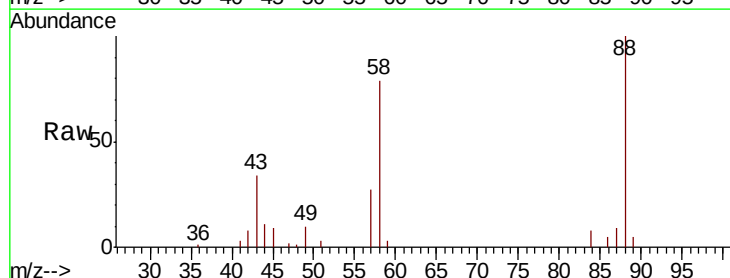
Tgt Ion: 88 Resp: 40102

Ion Ratio Lower Upper

88 100

58 75.2 60.4 90.6

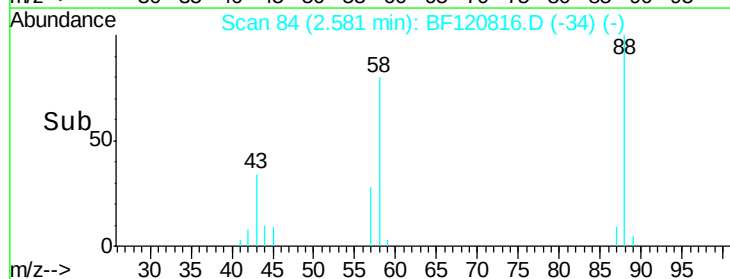
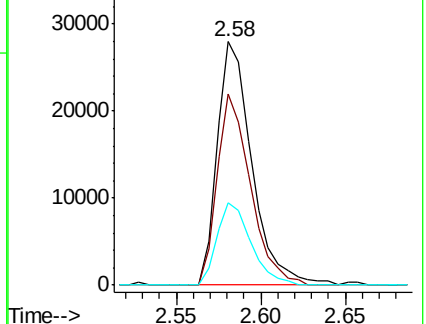
43 33.0 26.3 39.5

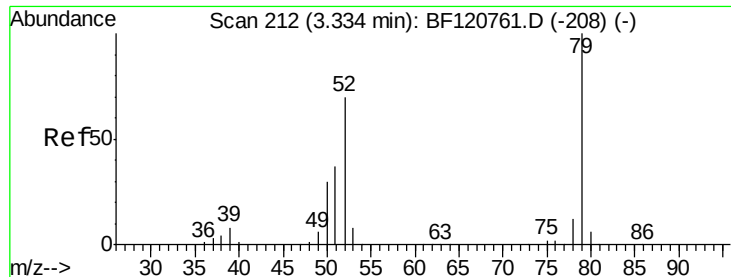


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 7.175 ng

RT: 3.36 min Scan# 216

Delta R.T. 0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

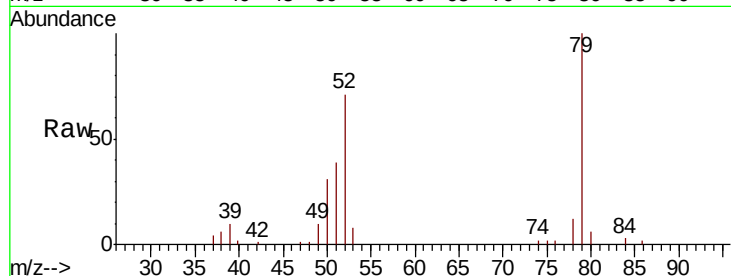
Tot Ion: 79 Resp: 78010

Ion Ratio Lower Upper

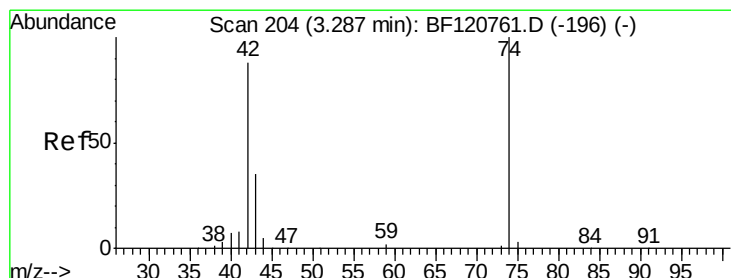
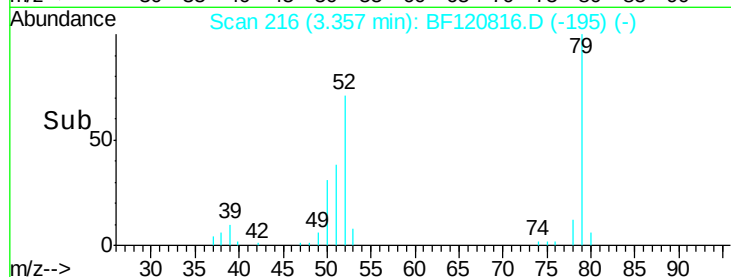
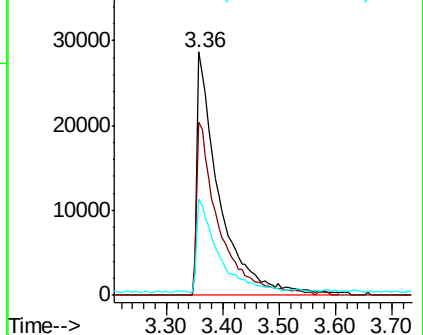
79 100

52 71.0 56.3 84.5

51 39.4 30.1 45.1



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: 8.685 ng

RT: 3.26 min Scan# 200

Delta R.T. -0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

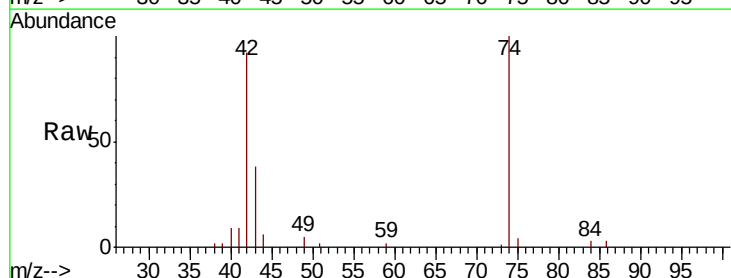
Tgt Ion: 42 Resp: 47242

Ion Ratio Lower Upper

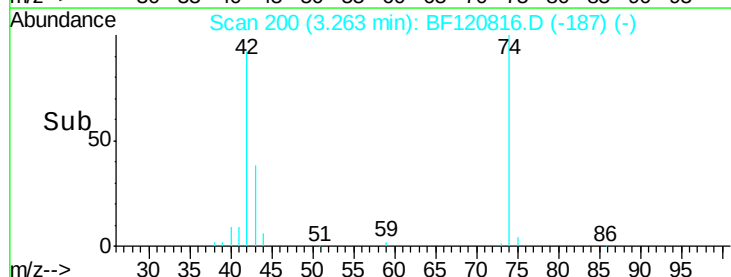
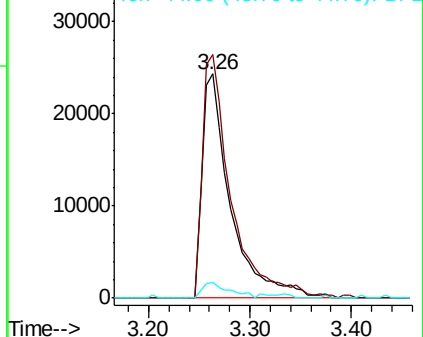
42 100

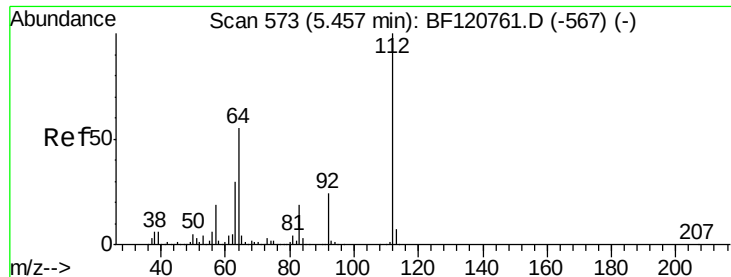
74 108.6 90.8 136.2

44 6.8 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: 97.443 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

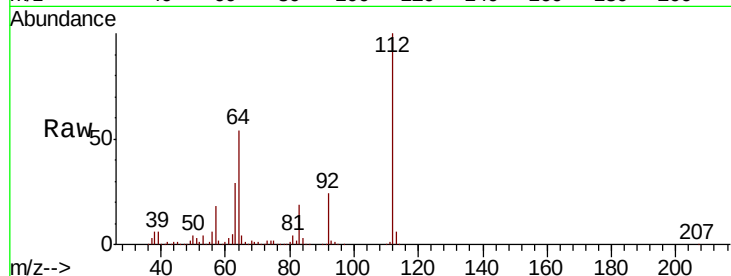
Tot Ion:112 Resp: 846789

Ion Ratio Lower Upper

112 100

64 54.1 43.8 65.6

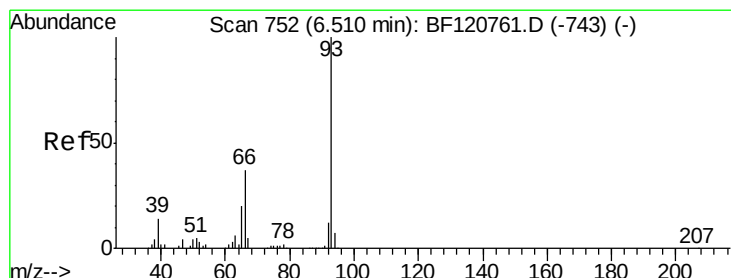
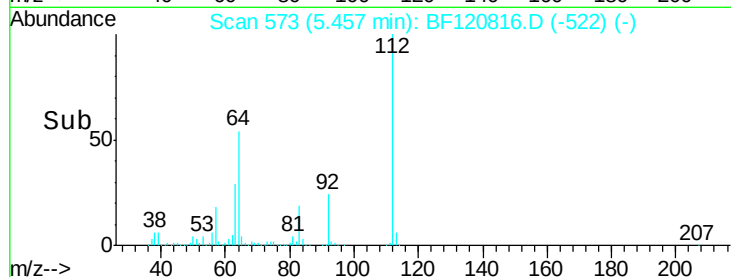
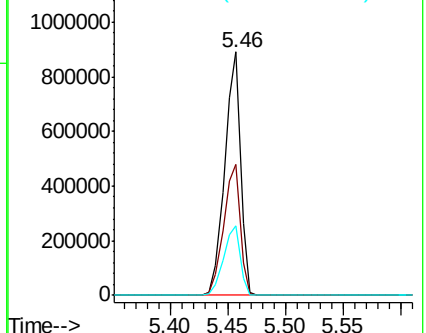
63 28.8 23.6 35.4



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: 9.306 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

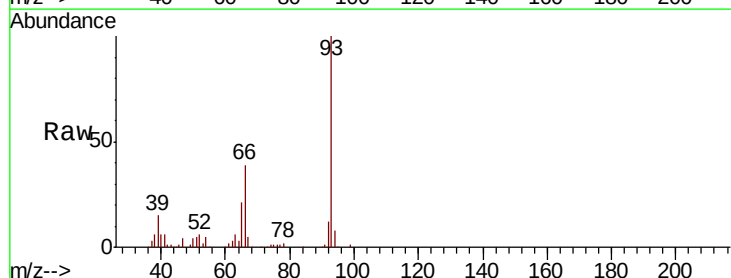
Tgt Ion: 93 Resp: 132628

Ion Ratio Lower Upper

93 100

66 39.0 31.3 46.9

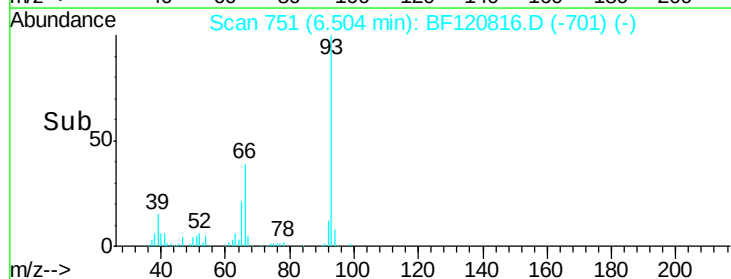
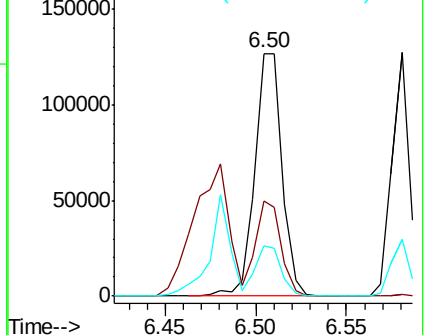
65 20.9 16.5 24.7

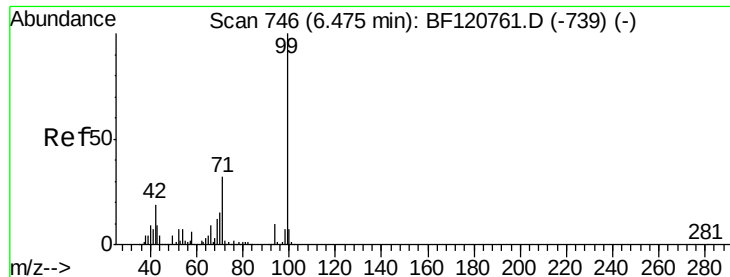


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 97.235 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

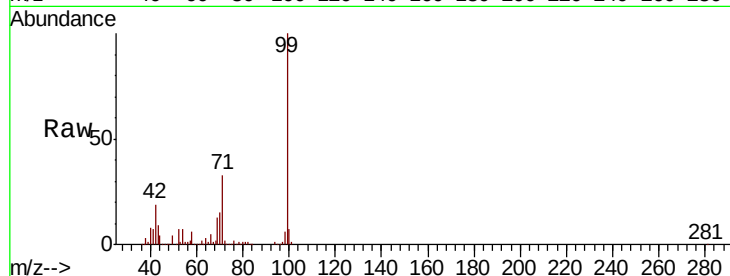
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 99 Resp: 1079081

Ion	Ratio	Lower	Upper
99	100		
42	19.1	15.4	23.0
71	33.3	25.9	38.9

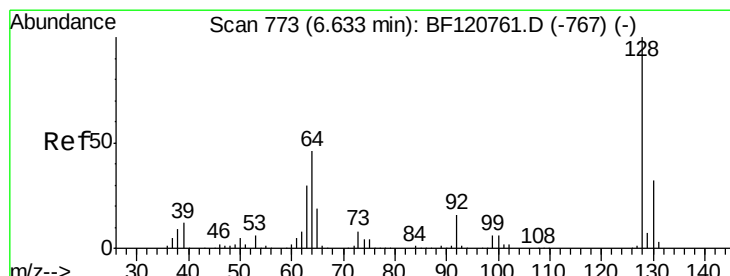
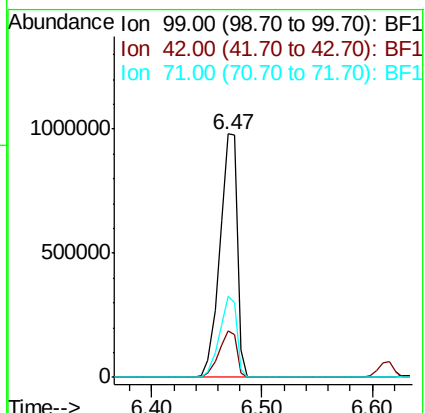
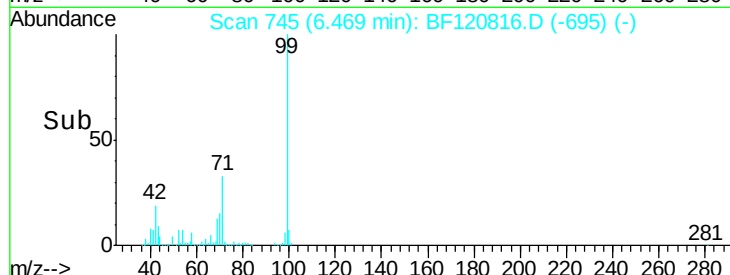


Abundance

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: 9.088 ng

RT: 6.63 min Scan# 772

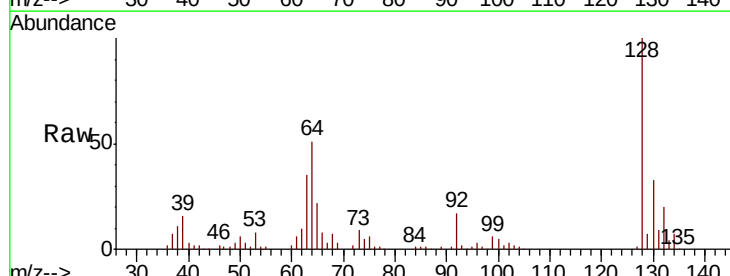
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion: 128 Resp: 84084

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.1	52.1
64	51.4	26.3	66.3

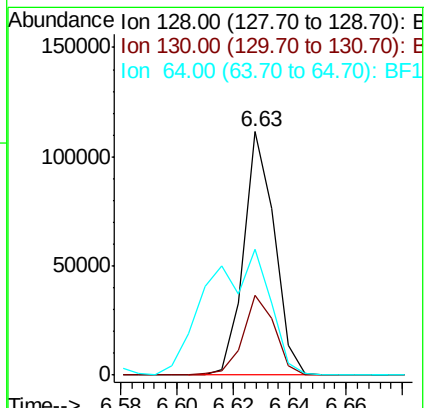
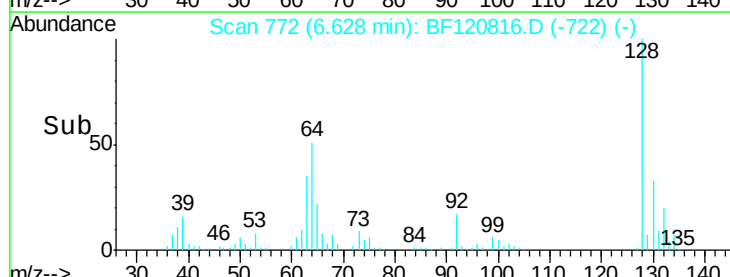


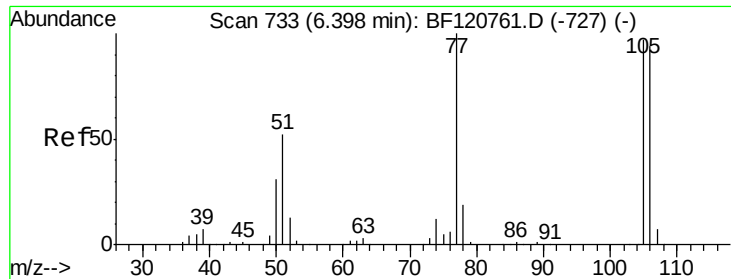
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 11.187 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

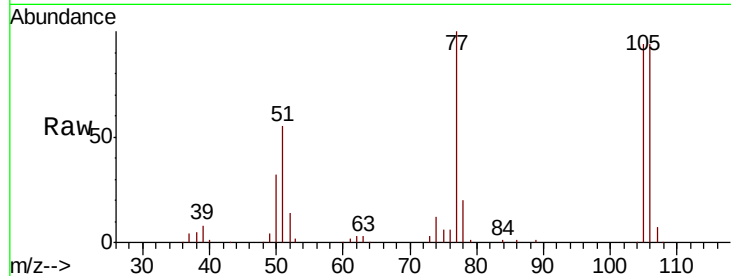
Tot Ion: 77 Resp: 73834

Ion Ratio Lower Upper

77 100

105 93.8 76.8 116.8

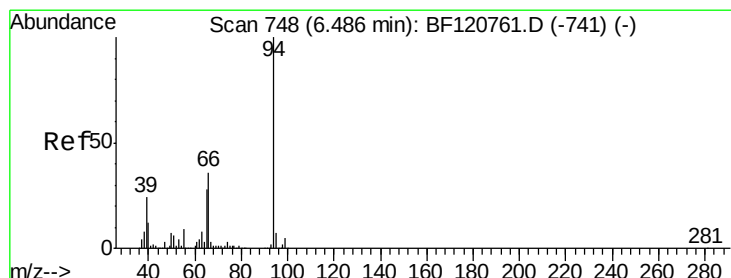
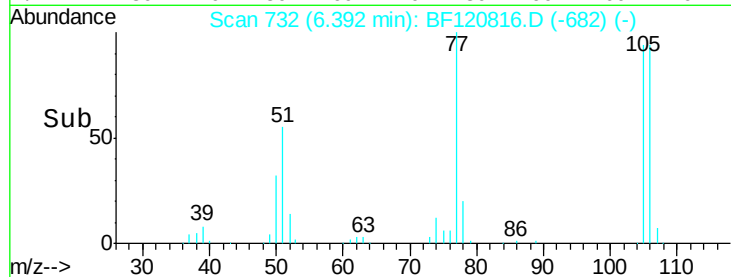
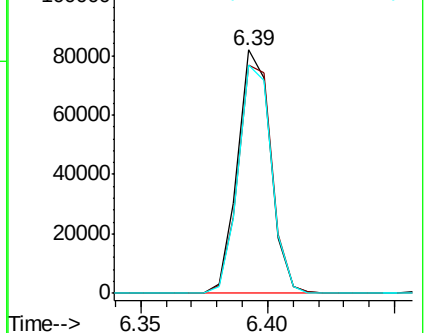
106 93.6 73.8 113.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 9.376 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

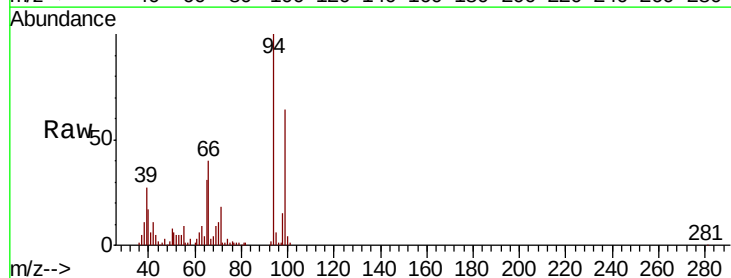
Tgt Ion: 94 Resp: 107037

Ion Ratio Lower Upper

94 100

65 30.8 8.4 48.4

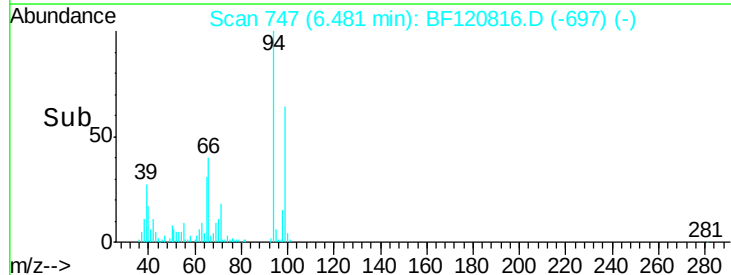
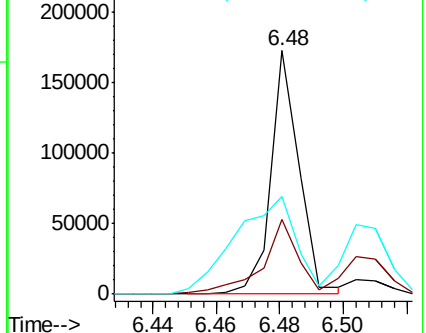
66 40.2 16.5 56.5

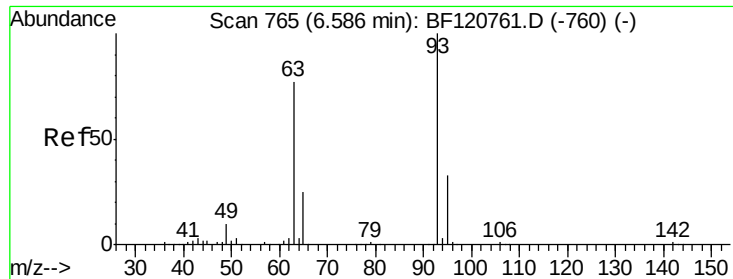


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

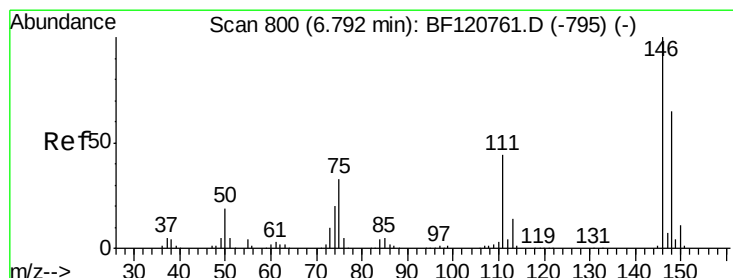
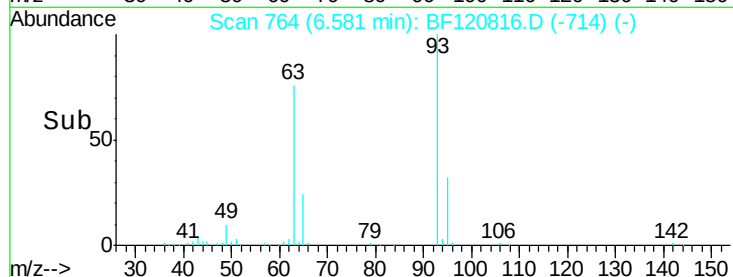
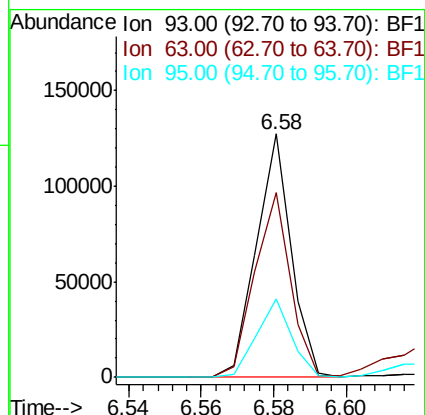
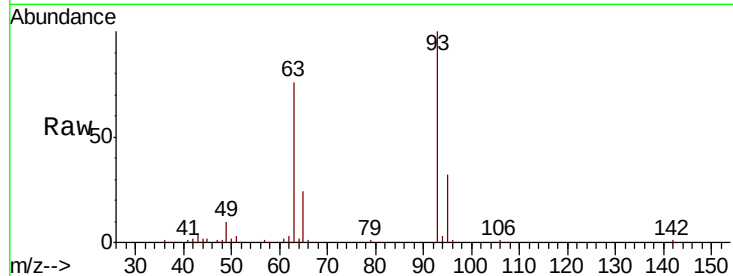




#11
bis(2-Chloroethyl)ether
Concen: 9.079 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

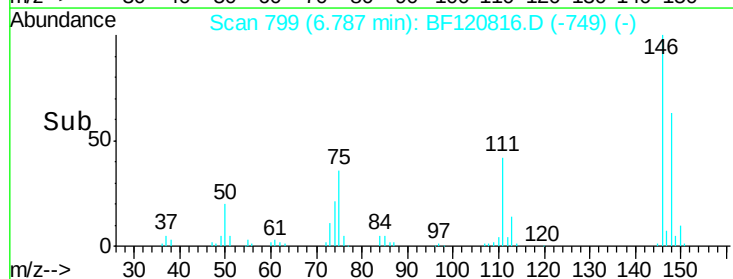
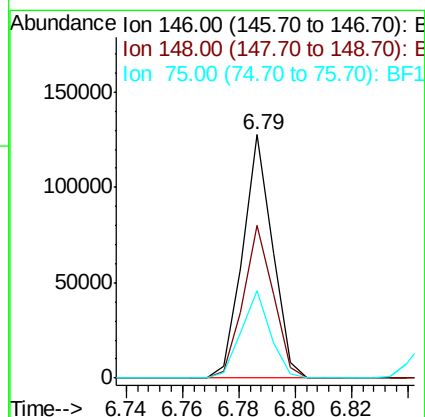
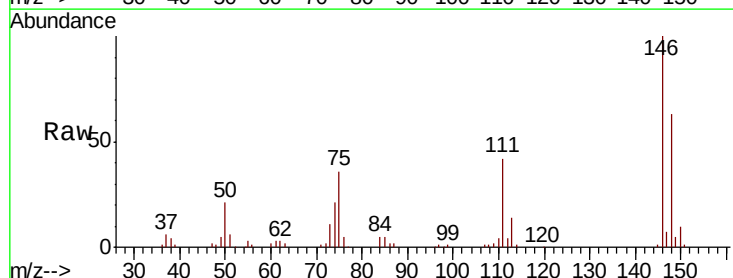
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

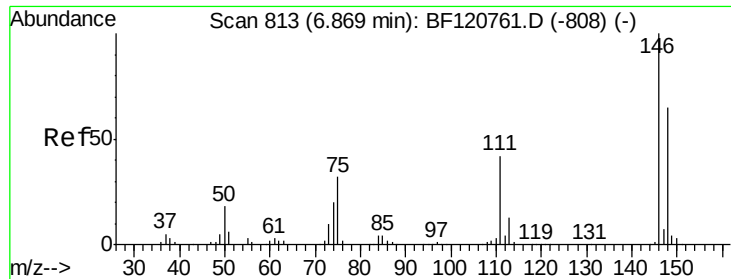
Tot Ion: 93 Resp: 84344
Ion Ratio Lower Upper
93 100
63 75.9 56.9 96.9
95 32.2 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 9.192 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion: 146 Resp: 93607
Ion Ratio Lower Upper
146 100
148 62.7 52.1 78.1
75 36.1 26.0 39.0





#13

1,4-Dichlorobenzene

Concen: 9.308 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

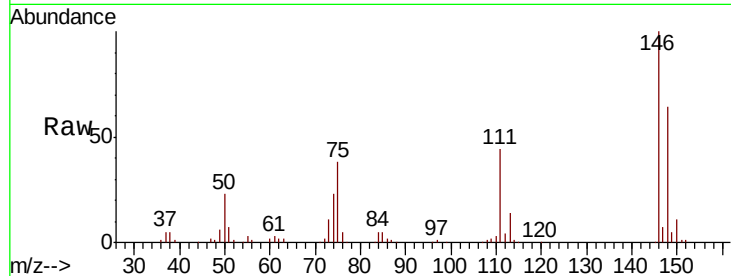
Tot Ion:146 Resp: 94941

Ion Ratio Lower Upper

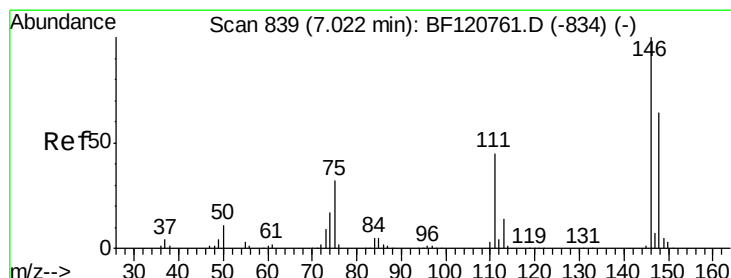
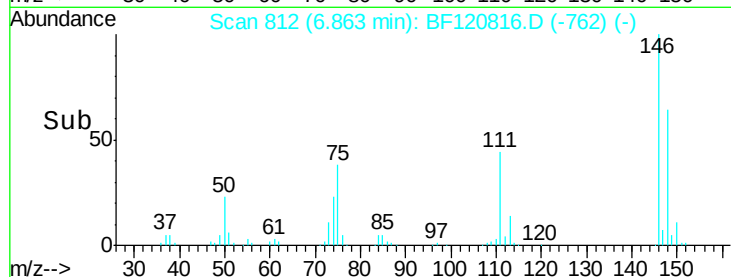
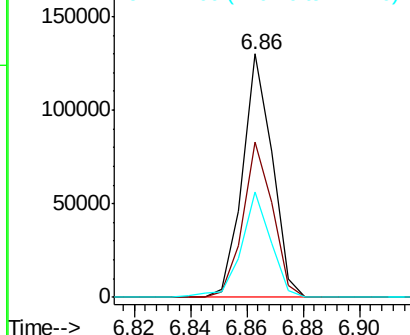
146 100

148 63.8 51.8 77.6

111 43.5 33.7 50.5



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: 9.264 ng

RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

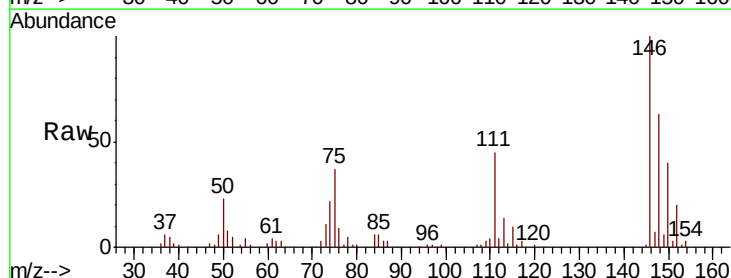
Tgt Ion:146 Resp: 89901

Ion Ratio Lower Upper

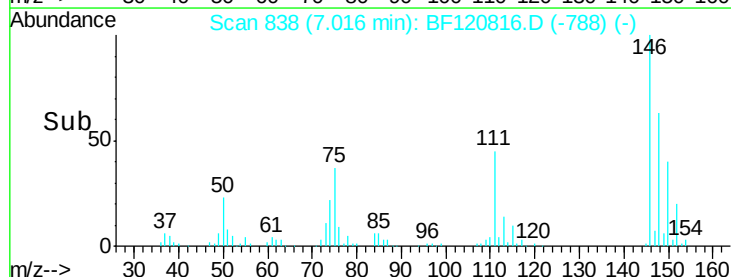
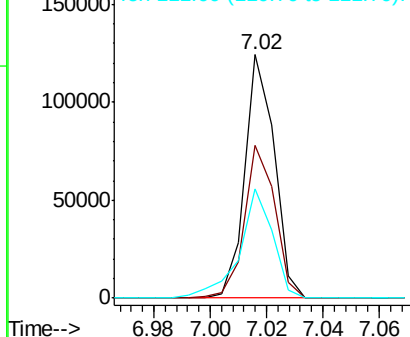
146 100

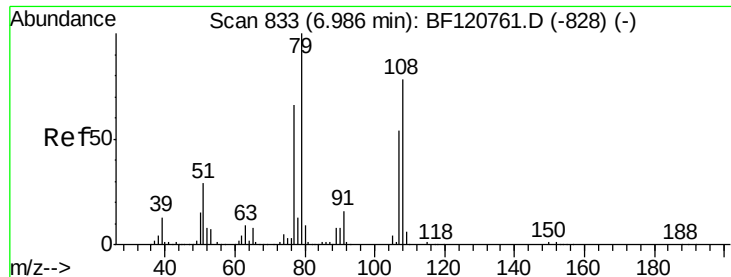
148 62.7 51.0 76.4

111 45.0 35.7 53.5



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

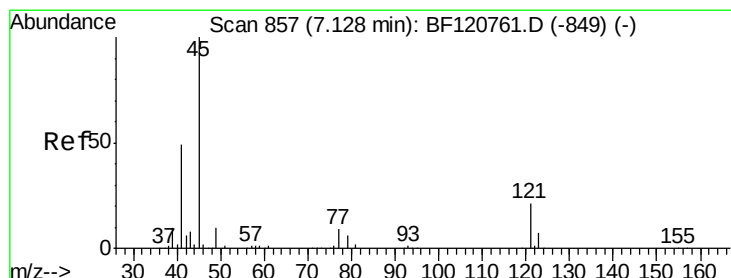
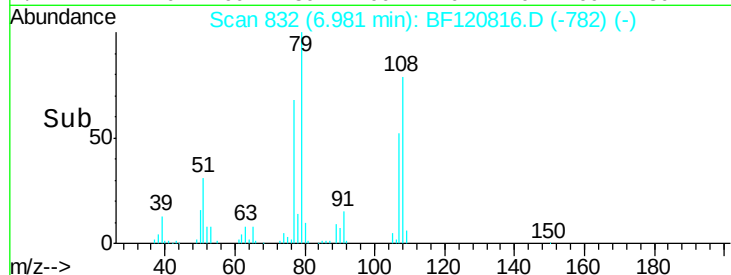
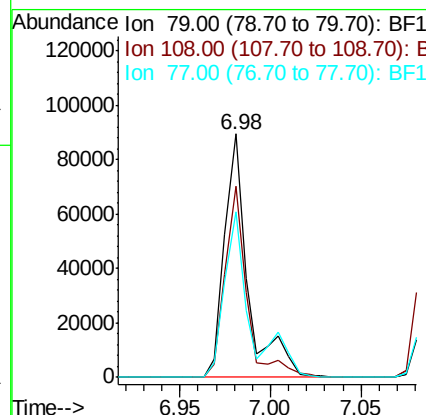
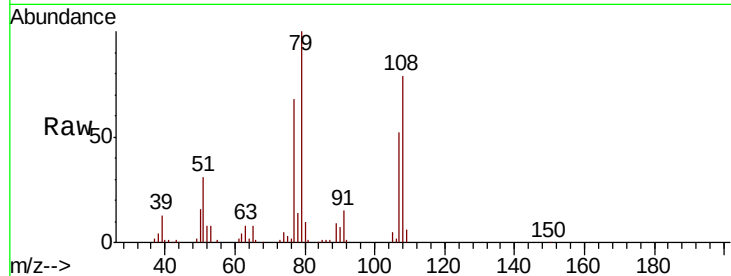




#15
Benzyl Alcohol
Concen: 9.724 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

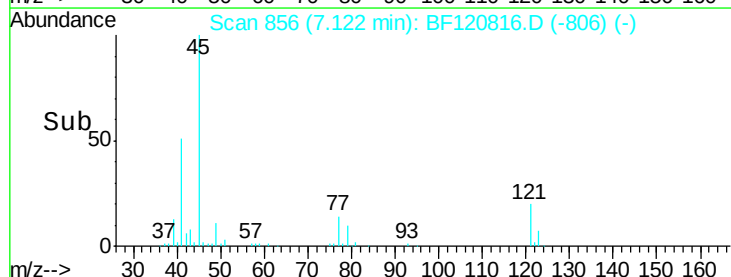
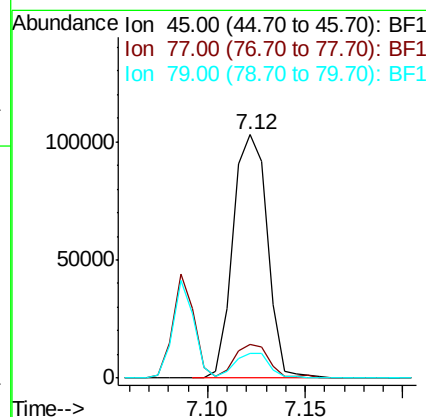
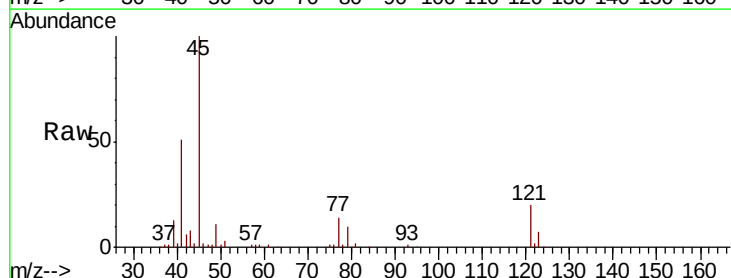
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

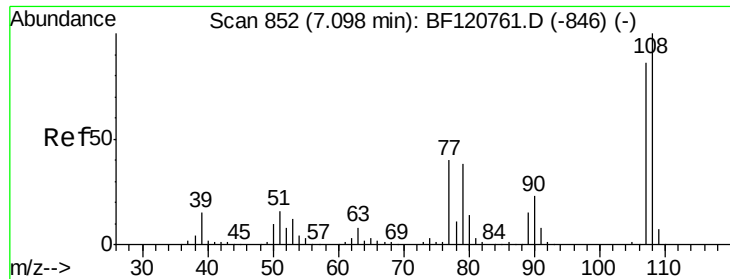
Tot Ion: 79 Resp: 81081
Ion Ratio Lower Upper
79 100
108 78.7 62.4 93.6
77 68.1 52.7 79.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 8.637 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion: 45 Resp: 125147
Ion Ratio Lower Upper
45 100
77 13.8 0.0 33.7
79 10.2 0.0 30.5





#17

2-Methylphenol

Concen: 8.228 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:107 Resp: 68099

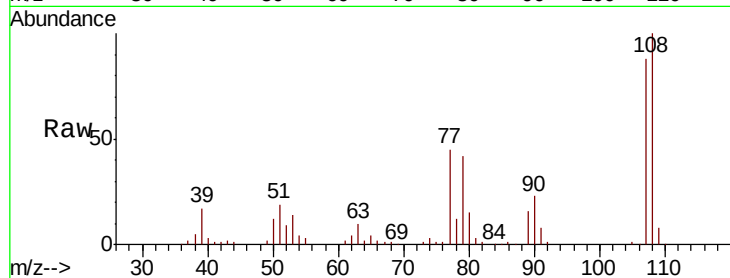
Ion Ratio Lower Upper

107 100

108 113.6 93.1 139.7

77 50.8 37.3 55.9

79 47.9 35.3 52.9

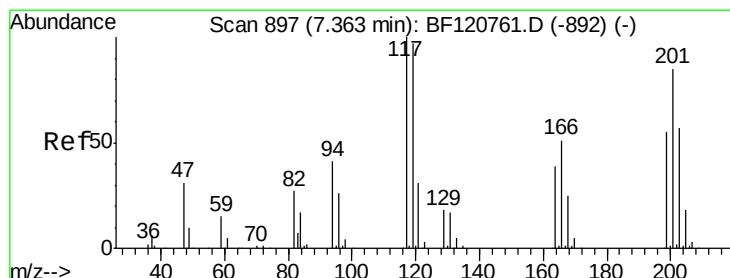
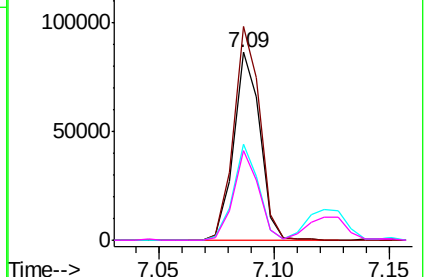
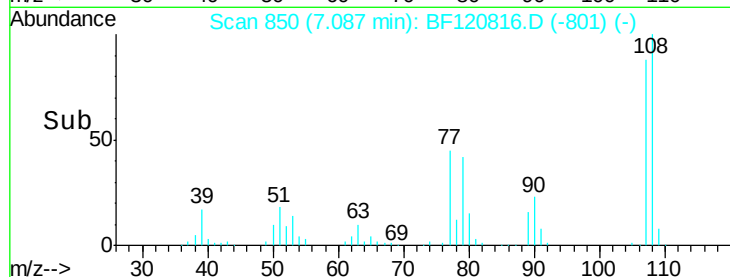


Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.068 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.00 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

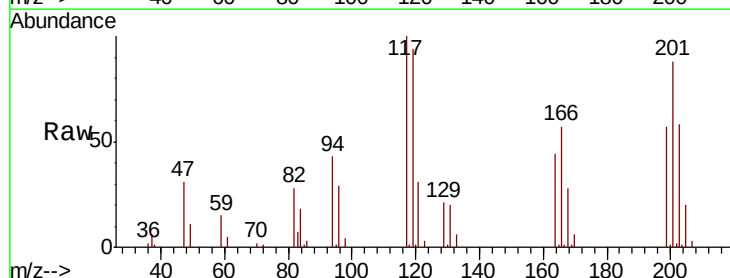
Tgt Ion:117 Resp: 34764

Ion Ratio Lower Upper

117 100

119 94.3 77.9 116.9

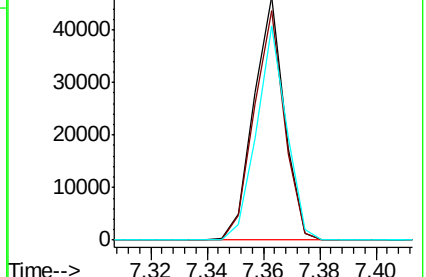
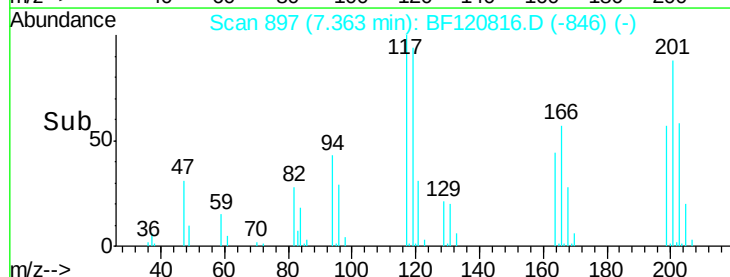
201 88.1 68.3 102.5

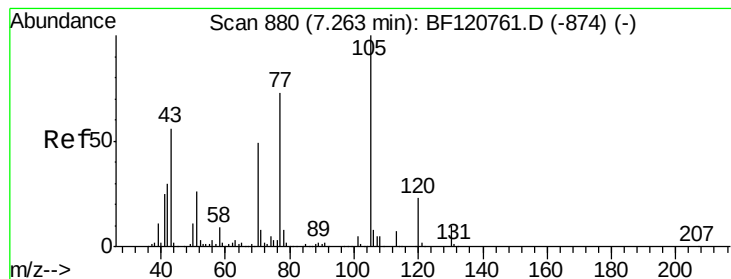


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 8.972 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 70 Resp: 59950

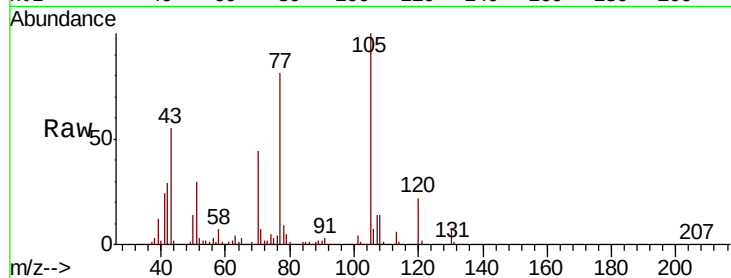
Ion Ratio Lower Upper

70 100

42 65.0 50.3 75.5

101 8.5 7.5 11.3

130 18.5 16.1 24.1

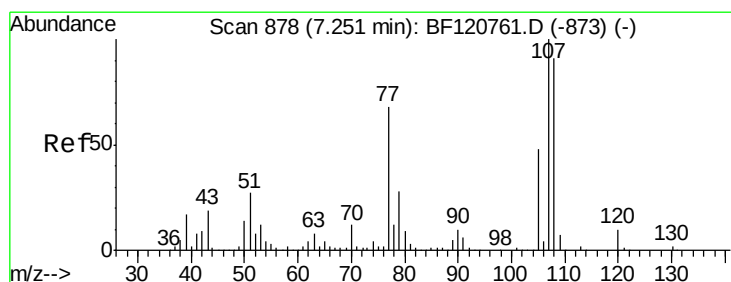
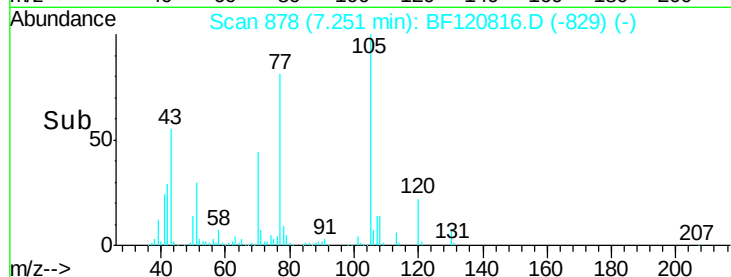
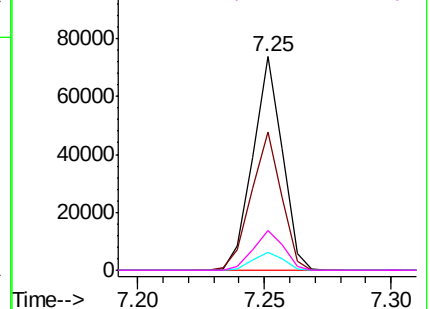


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 8.509 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion: 107 Resp: 86738

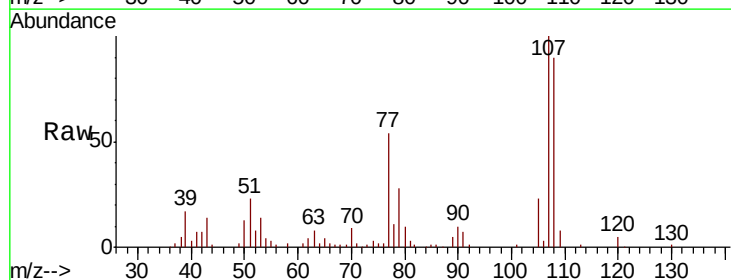
Ion Ratio Lower Upper

107 100

108 89.7 70.9 110.9

77 54.1 48.3 88.3

79 27.9 7.8 47.8

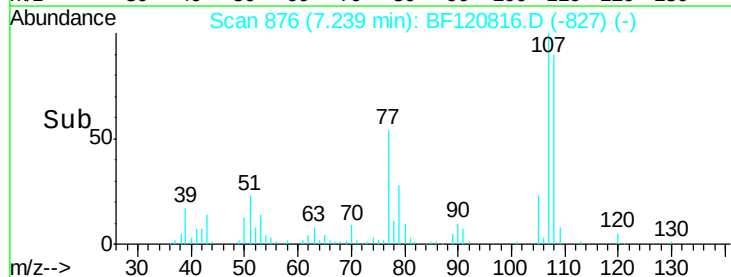
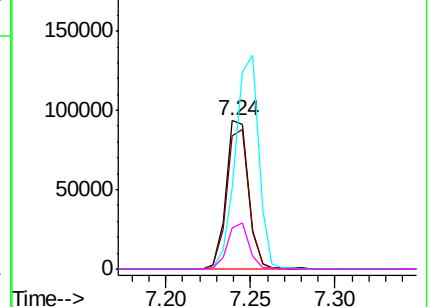


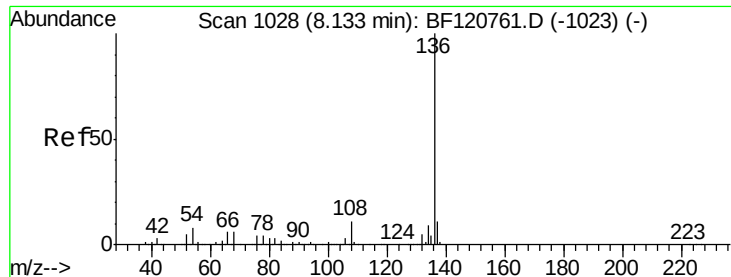
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

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: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:136 Resp: 506629

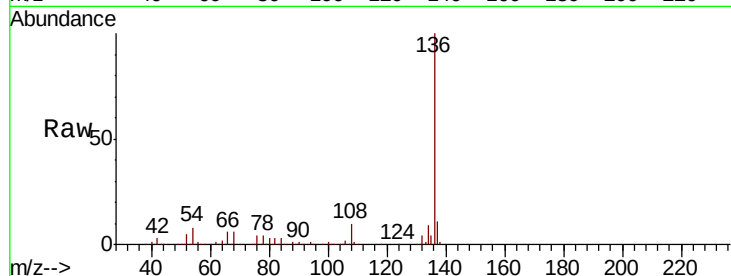
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.1 6.2 9.4

68 5.8 4.7 7.1

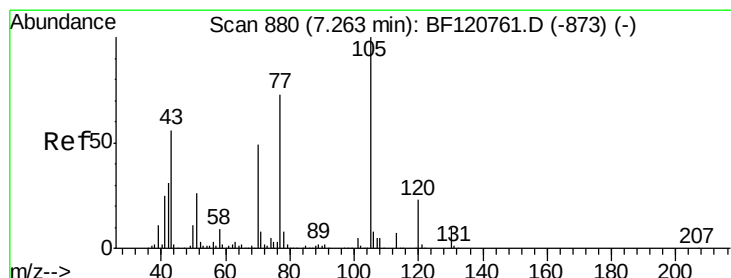
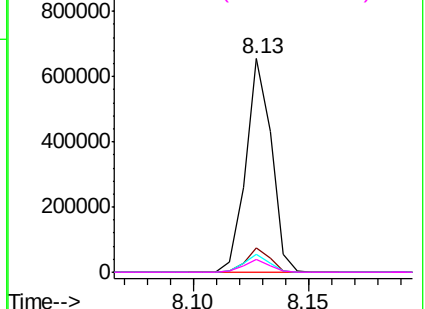
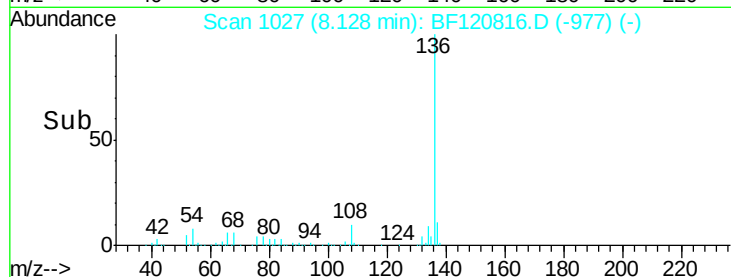


Abundance Ion 136.00 (135.70 to 136.70): E

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: 10.077 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:105 Resp: 126896

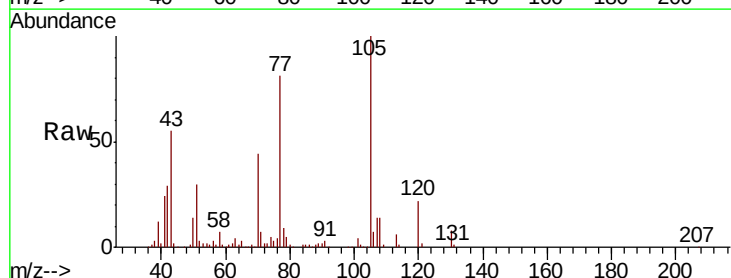
Ion Ratio Lower Upper

105 100

71 7.2 6.5 9.7

51 30.0 21.0 31.4

120 21.8 18.6 28.0

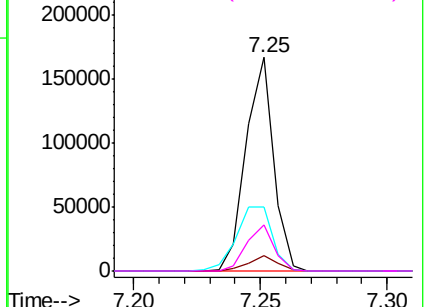
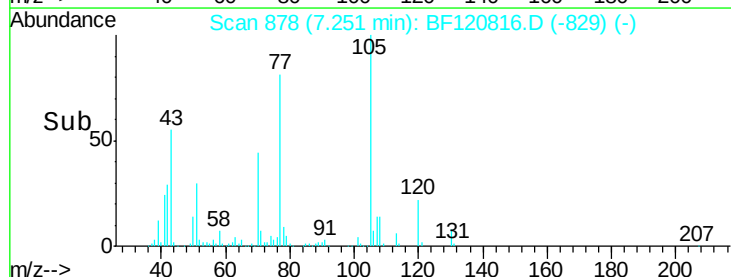


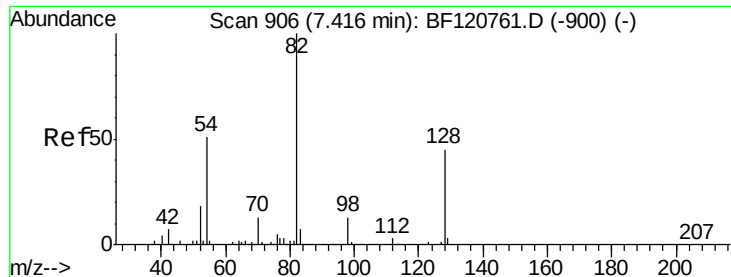
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

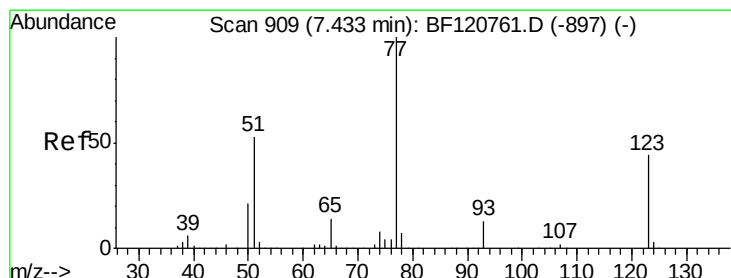
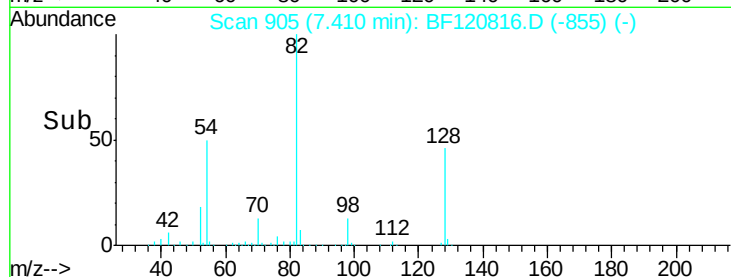
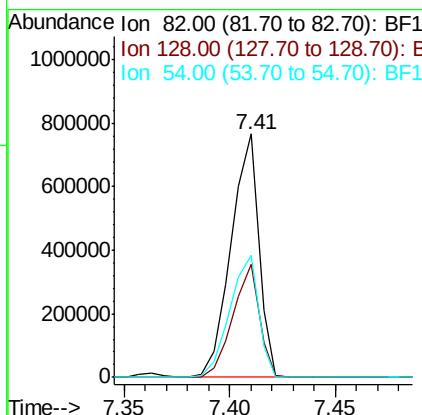
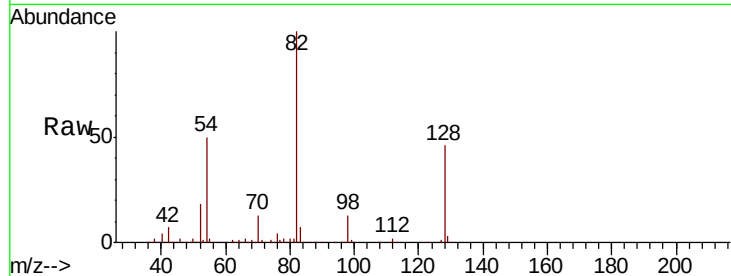




#23
 Nitrobenzene-d5
 Concen: 79.373 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

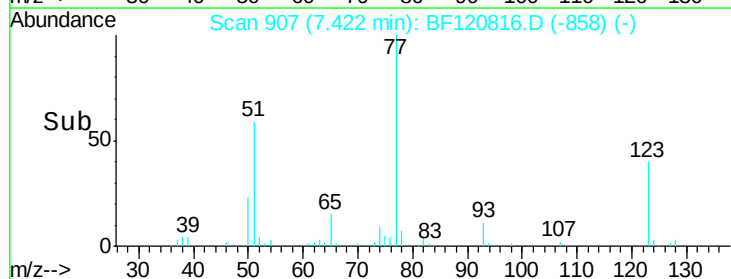
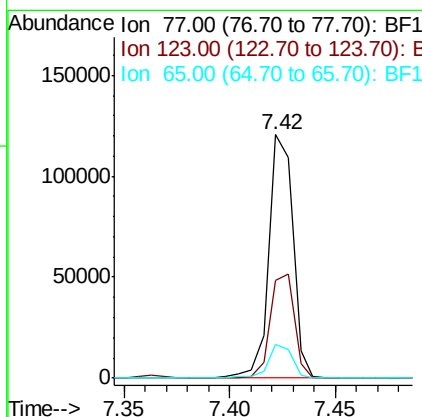
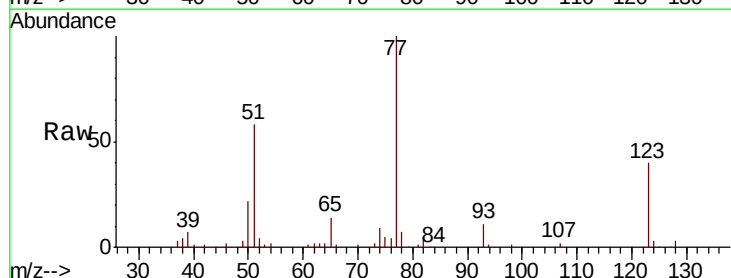
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

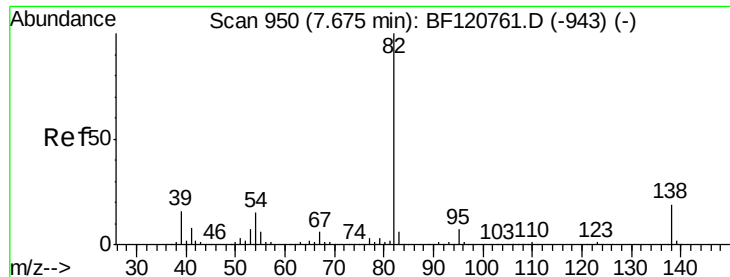
Tot Ion: 82 Resp: 694070
 Ion Ratio Lower Upper
 82 100
 128 46.3 35.7 53.5
 54 50.2 40.9 61.3



#24
 Nitrobenzene
 Concen: 9.804 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion: 77 Resp: 96261
 Ion Ratio Lower Upper
 77 100
 123 40.3 36.1 54.1
 65 14.0 11.0 16.4





#25

Isophorone

Concen: 8.566 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

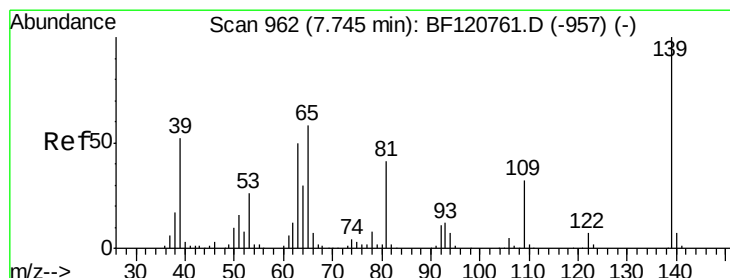
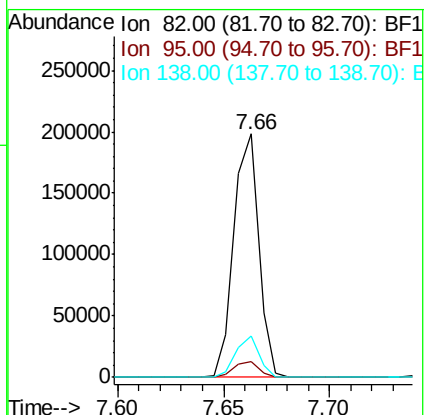
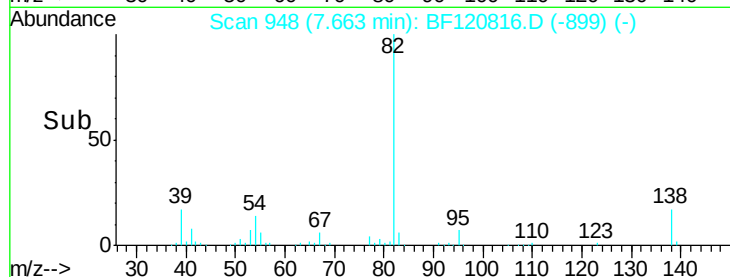
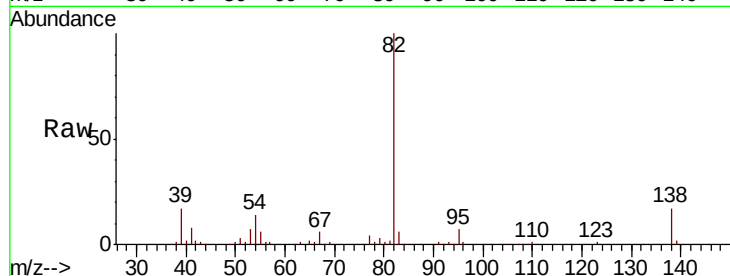
Tot Ion: 82 Resp: 161546

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 17.0 15.0 22.4



#26

2-Nitrophenol

Concen: 8.652 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

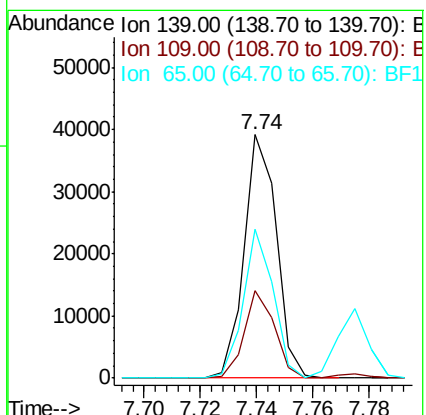
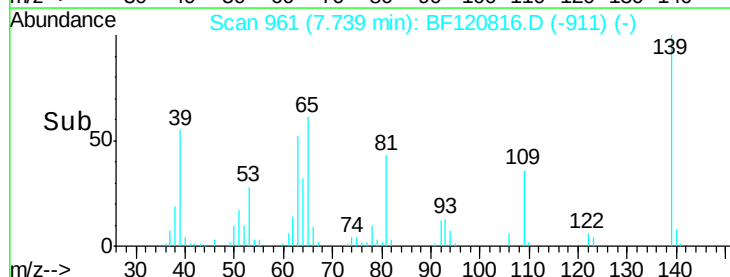
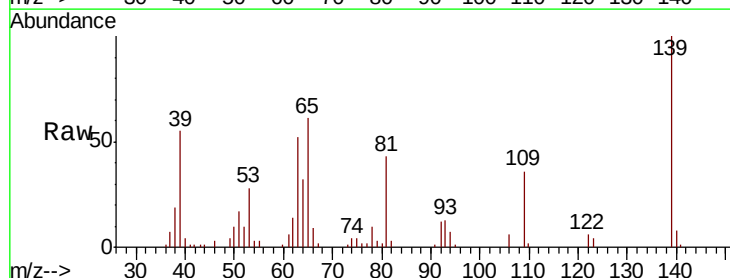
Tgt Ion: 139 Resp: 31053

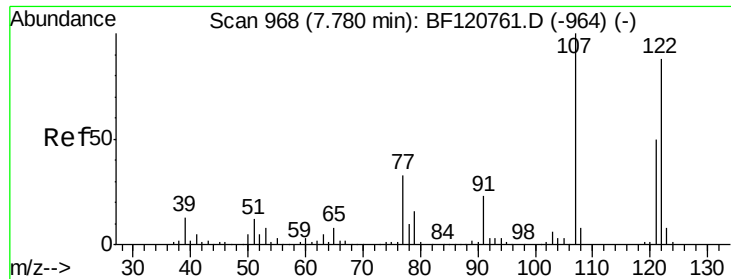
Ion Ratio Lower Upper

139 100

109 35.9 25.3 37.9

65 61.2 46.2 69.2

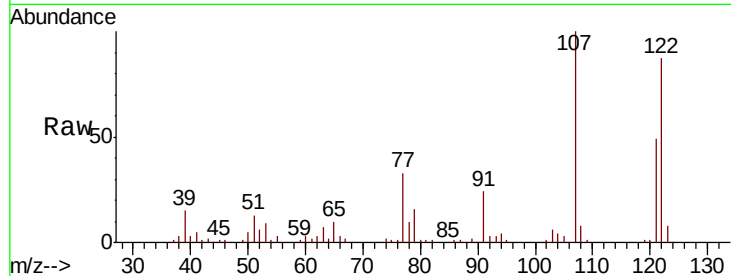




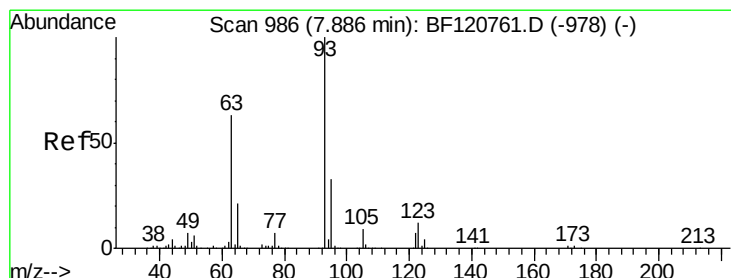
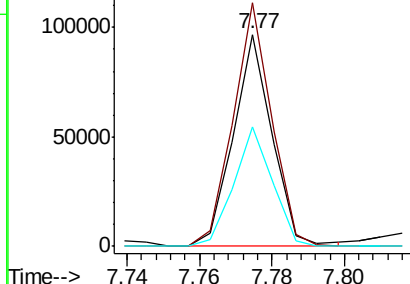
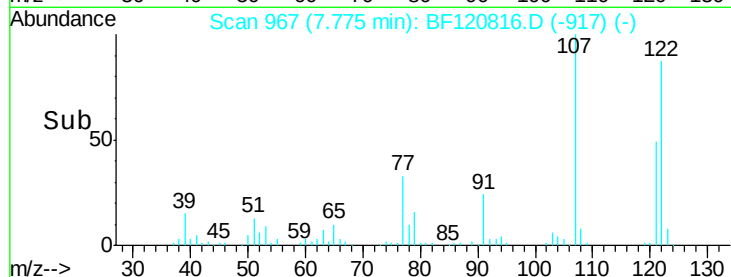
#27
2,4-Dimethylphenol
Concen: 9.492 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:122 Resp: 71455
Ion Ratio Lower Upper
122 100
107 115.1 90.7 136.1
121 56.6 45.4 68.0

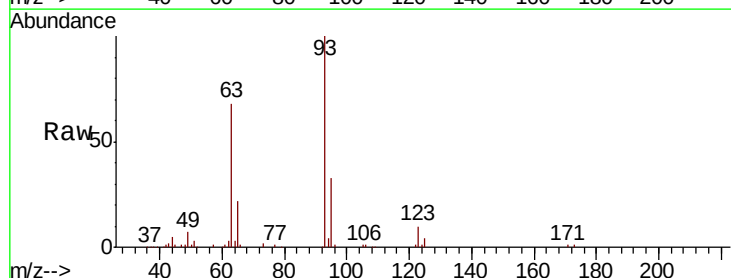


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

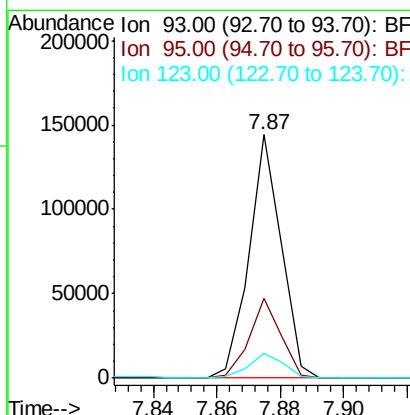
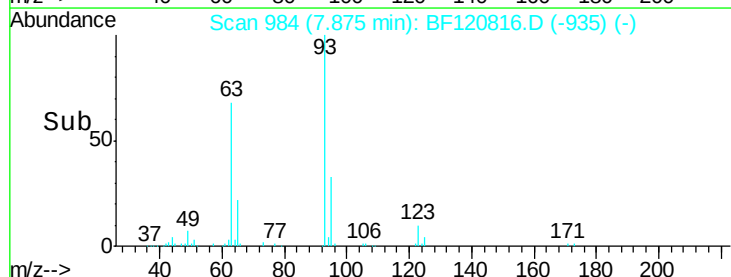


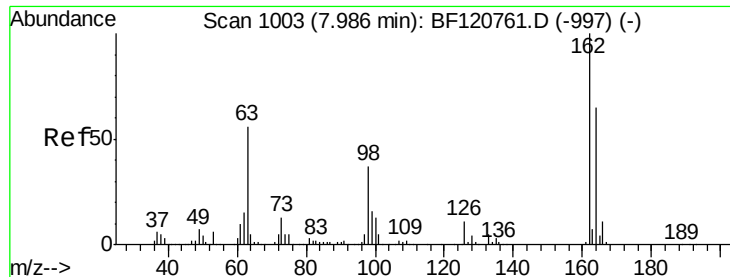
#28
bis(2-Chloroethoxy)methane
Concen: 9.097 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion: 93 Resp: 101530
Ion Ratio Lower Upper
93 100
95 32.7 26.4 39.6
123 10.4 10.2 15.2



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

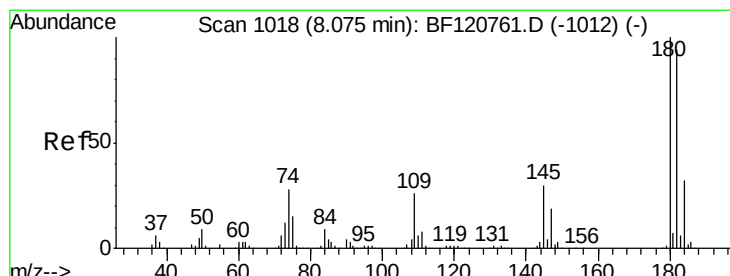
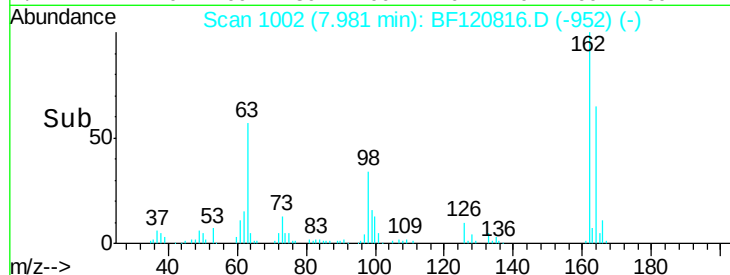
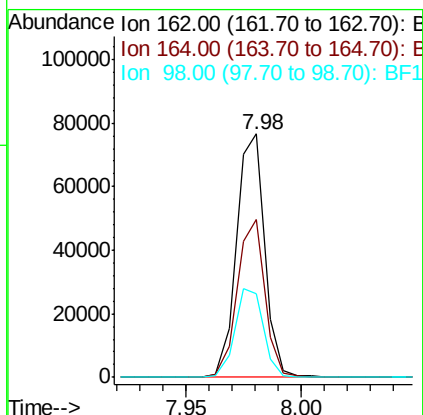
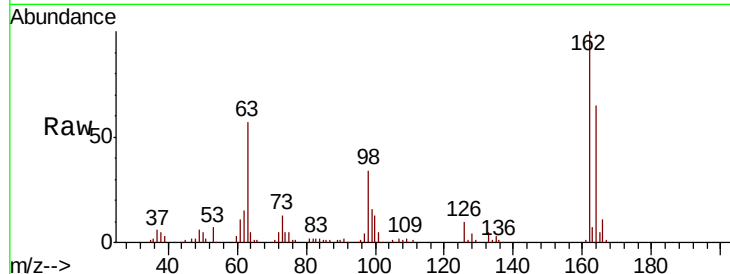




#29
2,4-Dichlorophenol
Concen: 8.668 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

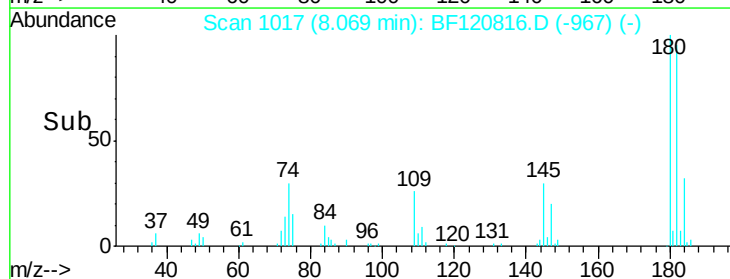
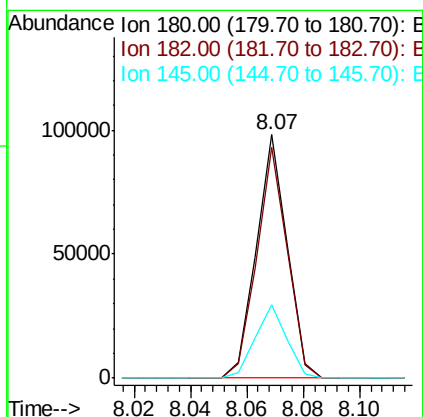
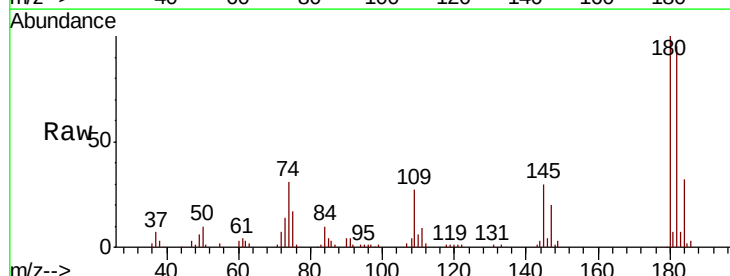
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

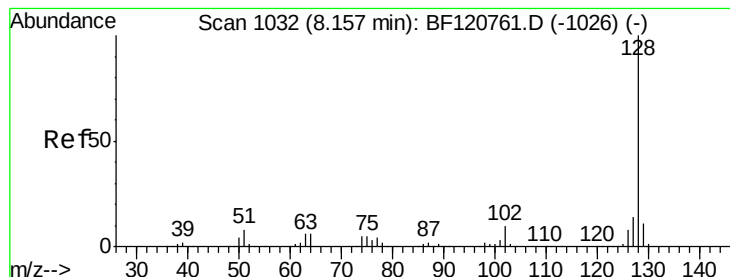
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	45.2	85.2
98	34.3	17.0	57.0



#30
1,2,4-Trichlorobenzene
Concen: 8.790 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.5	113.3
145	30.4	24.1	36.1





#31

Naphthalene

Concen: 9.392 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

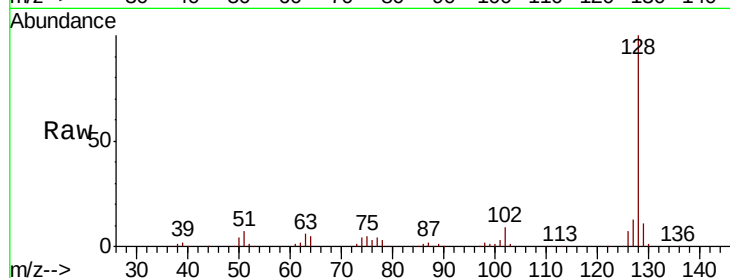
Tot Ion:128 Resp: 254287

Ion Ratio Lower Upper

128 100

129 10.7 9.2 13.8

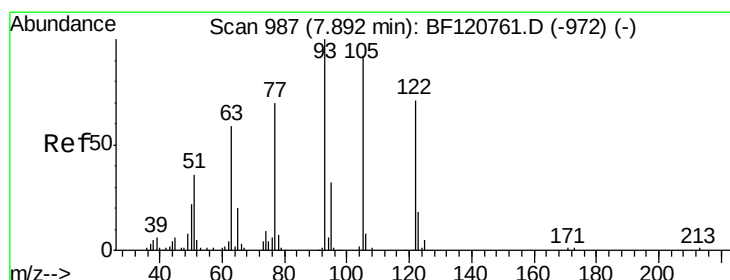
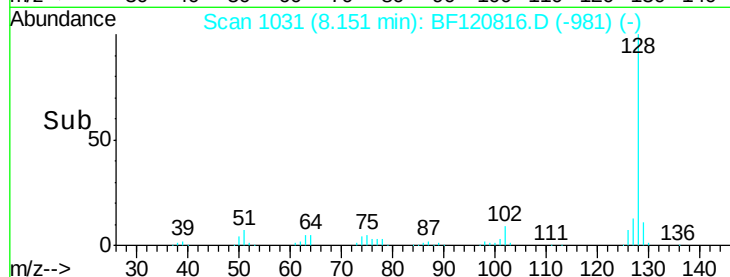
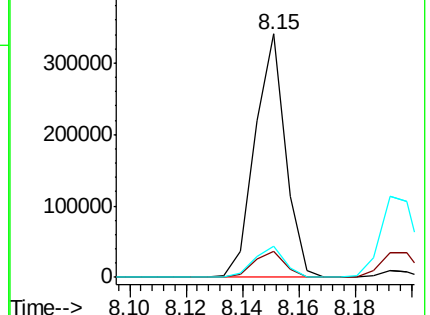
127 12.9 11.1 16.7



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: 5.574 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.06 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

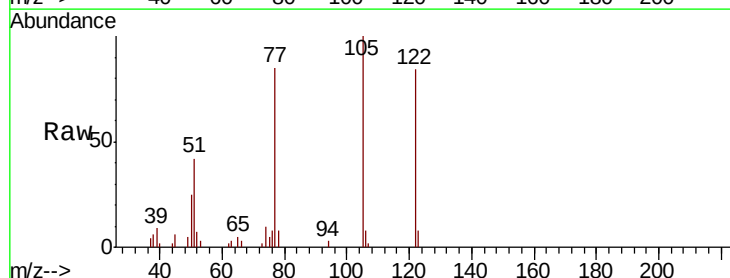
Tgt Ion:122 Resp: 22708

Ion Ratio Lower Upper

122 100

105 118.5 105.8 145.8

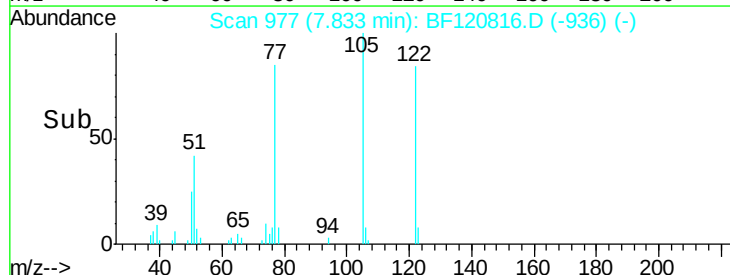
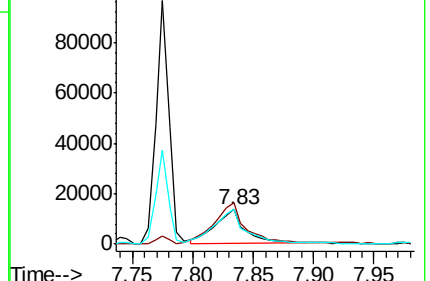
77 101.2 77.3 117.3

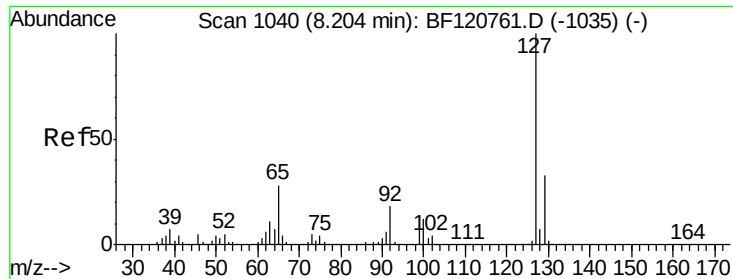


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

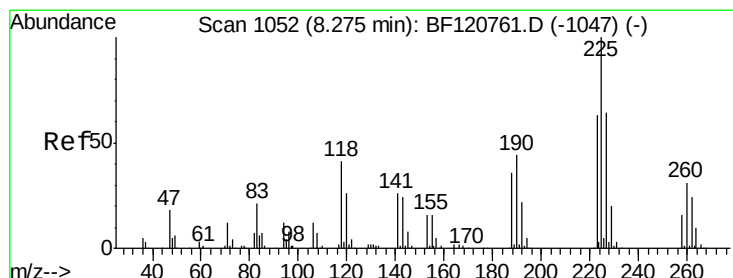
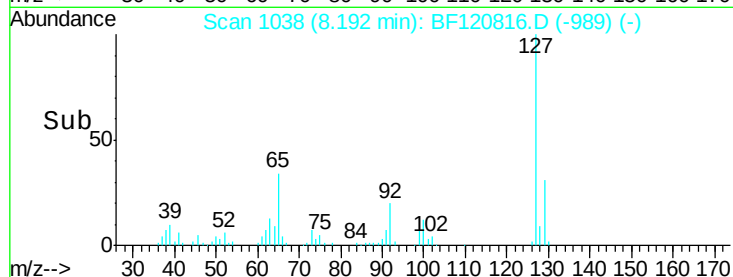
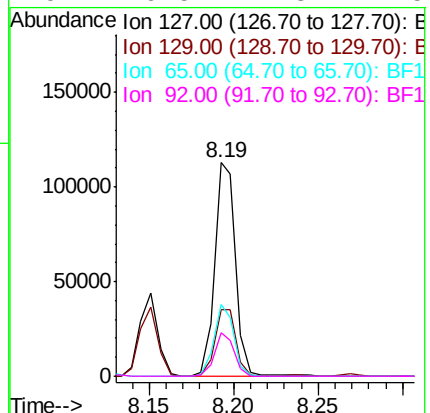
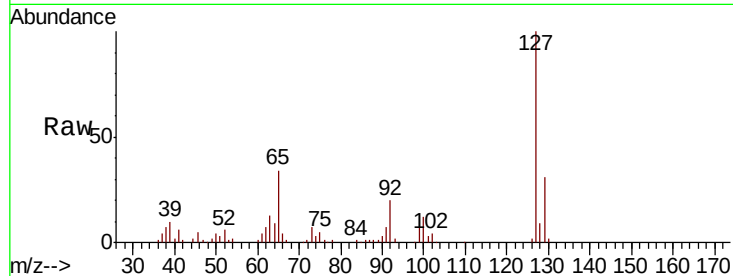




#33
4-Chloroaniline
Concen: 8.534 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

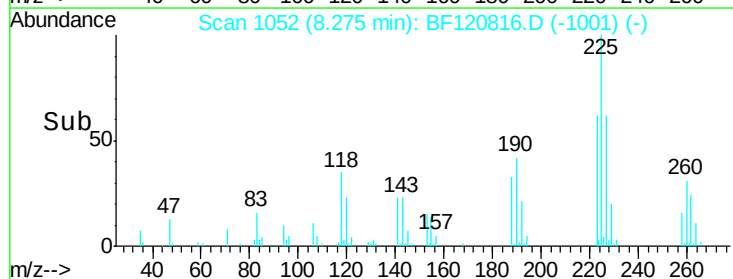
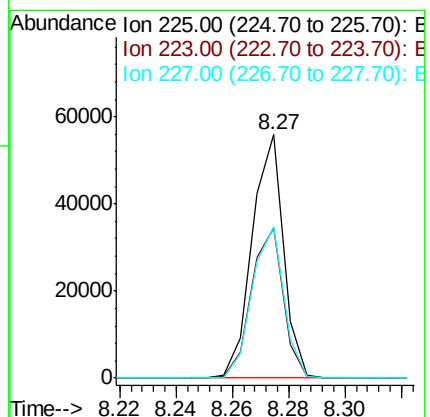
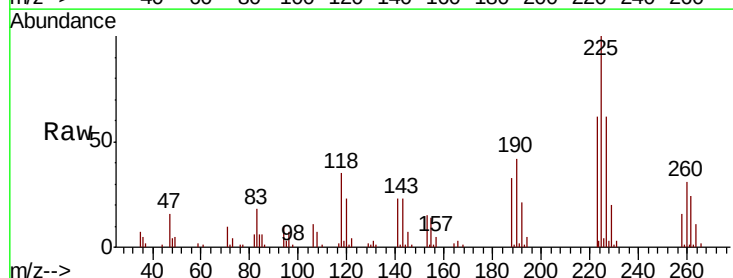
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

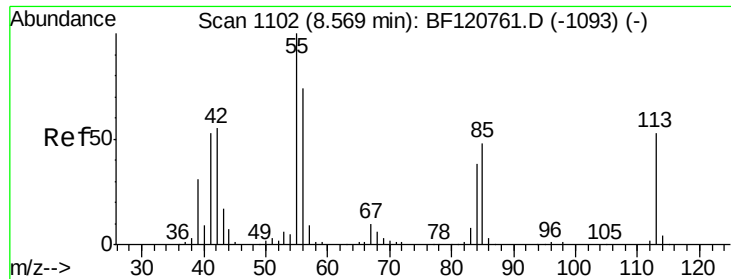
Tot Ion:	127	Resp:	98052
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.6	39.8
65	33.5	22.7	34.1
92	20.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 8.472 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:	225	Resp:	43011
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.6	76.0
227	62.0	51.4	77.2

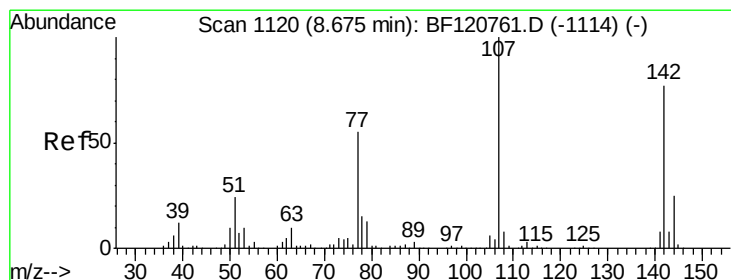
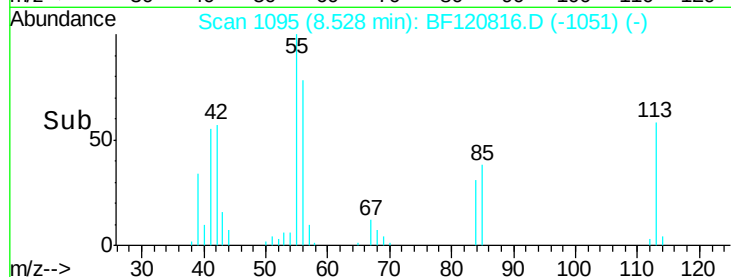
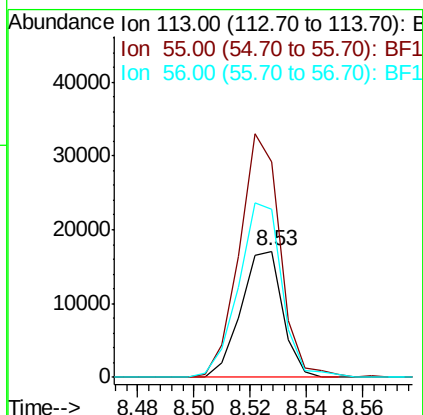
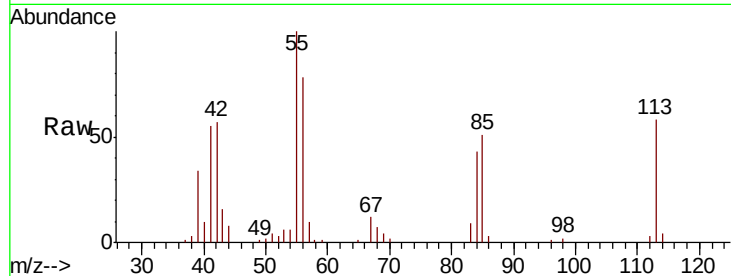




#35
 Caprolactam
 Concen: 7.978 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.04 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

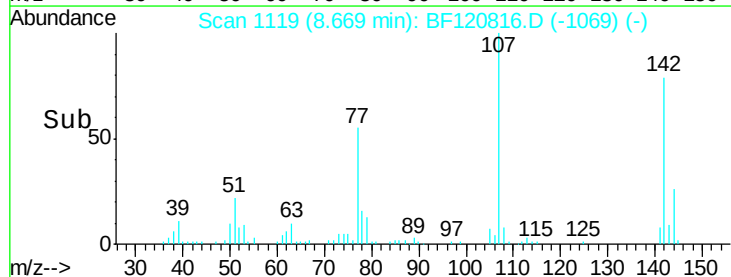
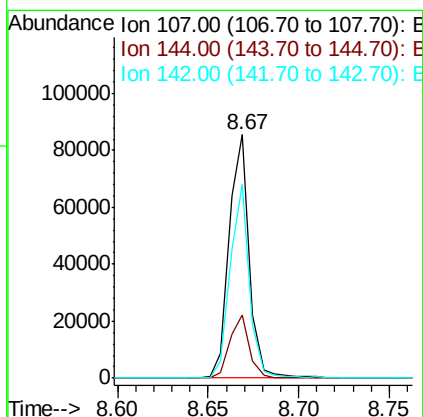
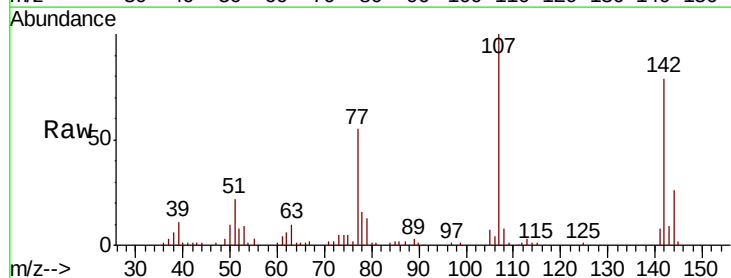
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

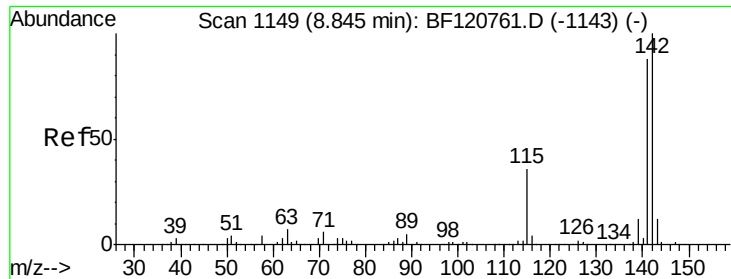
Tot Ion:113 Resp: 17470
 Ion Ratio Lower Upper
 113 100
 55 171.2 168.3 208.3
 56 133.7 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 8.454 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:107 Resp: 66091
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.7 29.5
 142 79.5 61.2 91.8

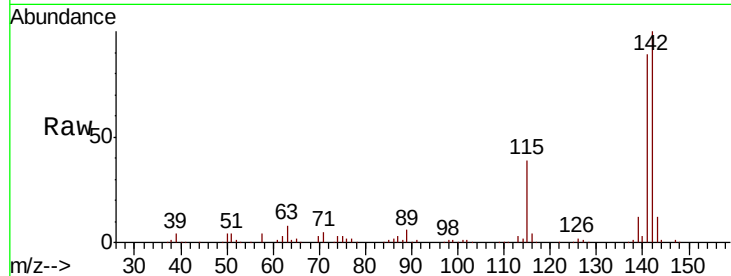




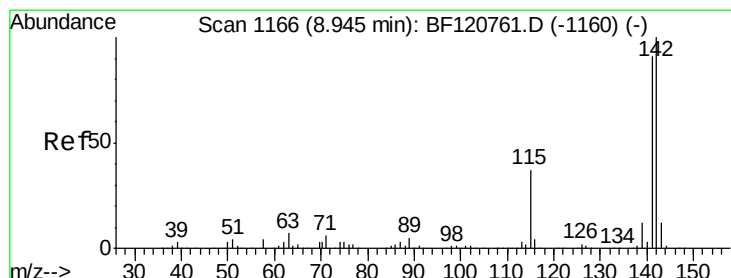
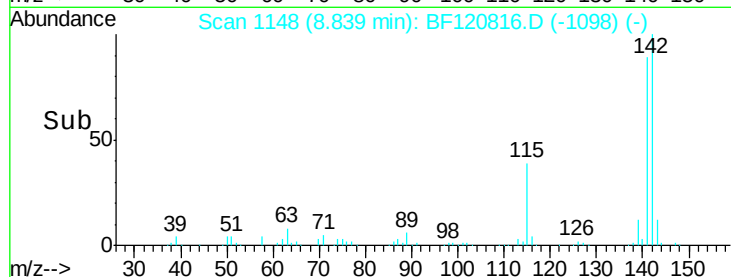
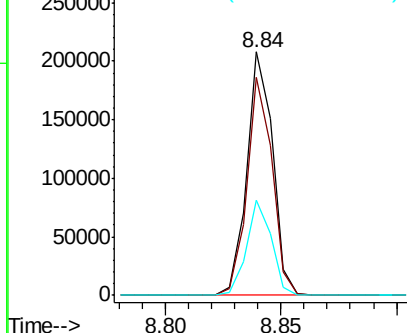
#37
2-Methylnaphthalene
Concen: 9.220 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:142 Resp: 162275
Ion Ratio Lower Upper
142 100
141 89.3 70.2 105.4
115 38.9 29.0 43.4

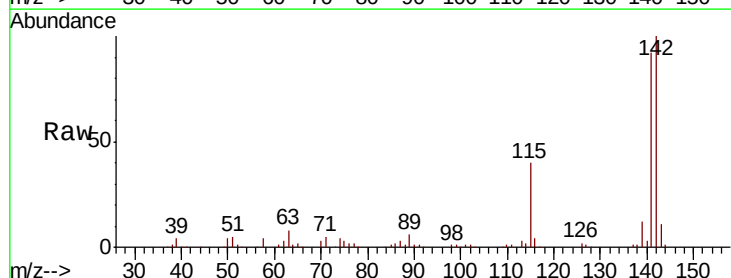


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

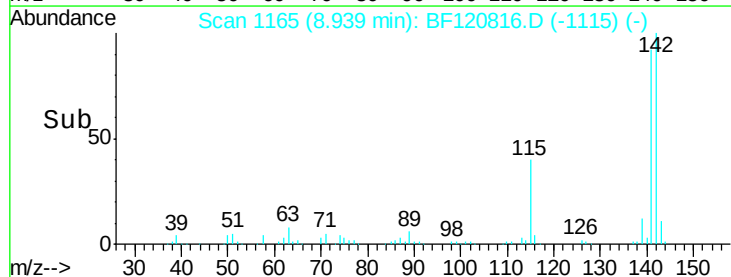
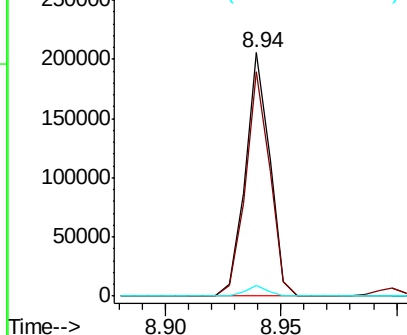


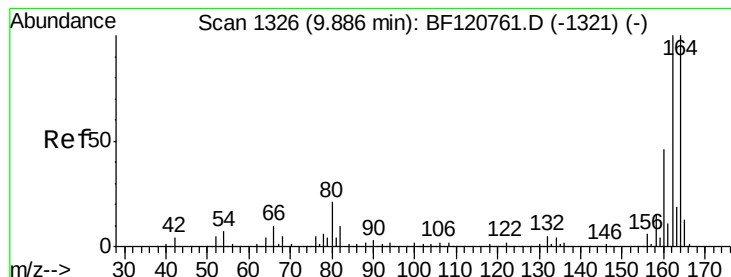
#38
1-Methylnaphthalene
Concen: 9.207 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:142 Resp: 151796
Ion Ratio Lower Upper
142 100
141 92.3 72.5 108.7
116 4.4 3.1 4.7



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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

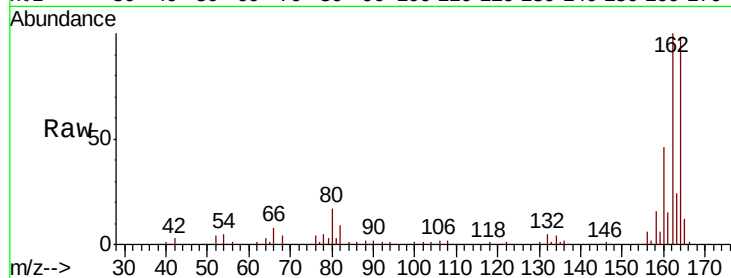
Tot Ion:164 Resp: 250614

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

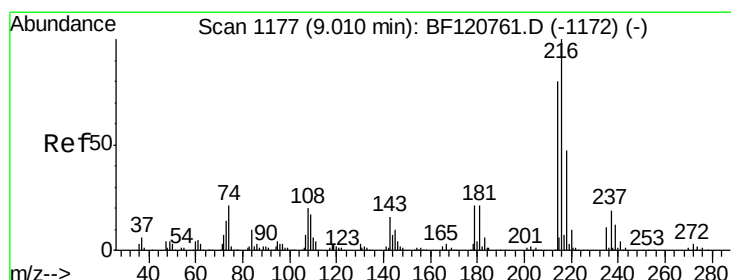
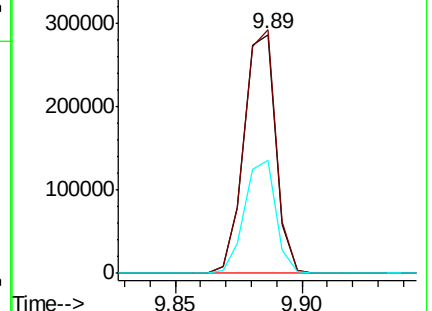
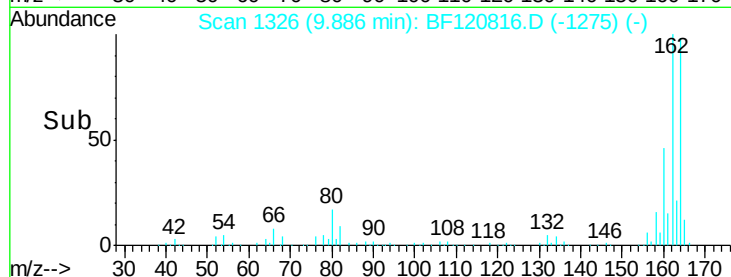
160 47.2 36.9 55.3



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: 9.397 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:216 Resp: 71176

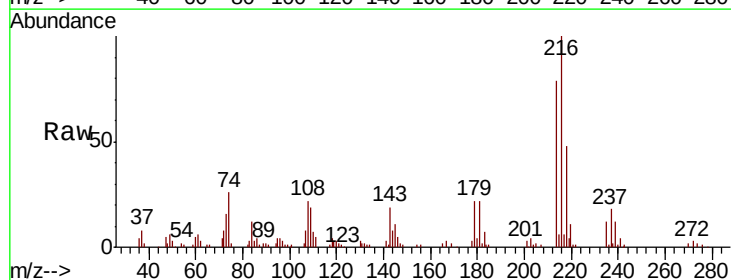
Ion Ratio Lower Upper

216 100

214 78.8 63.7 95.5

179 21.6 16.7 25.1

108 24.3 17.0 25.4

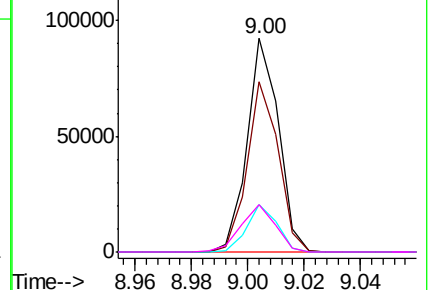
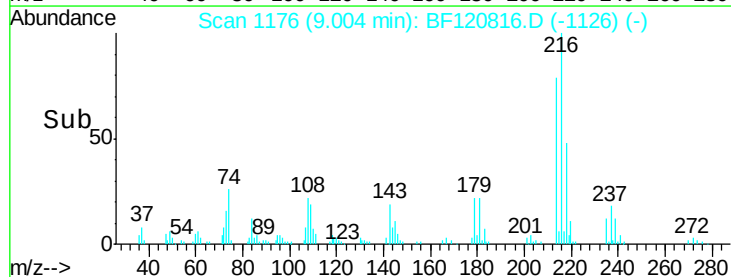


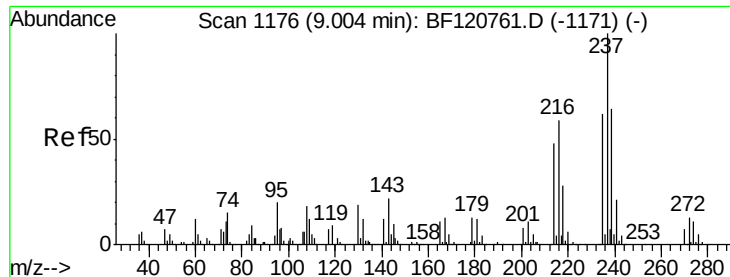
Abundance Ion 216.00 (215.70 to 216.70): E

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: 7.739 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

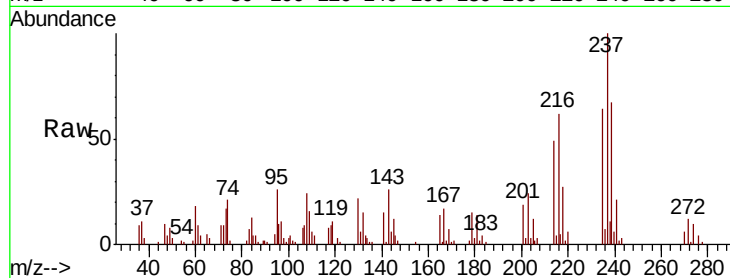
Tot Ion:237 Resp: 34634

Ion Ratio Lower Upper

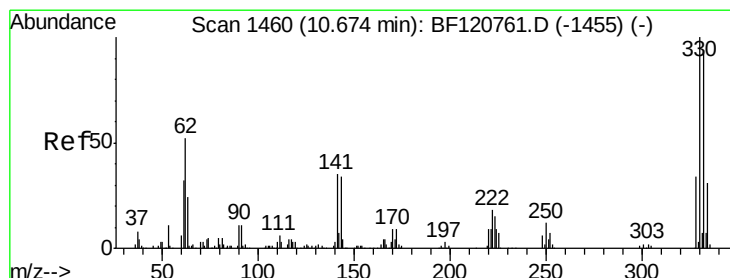
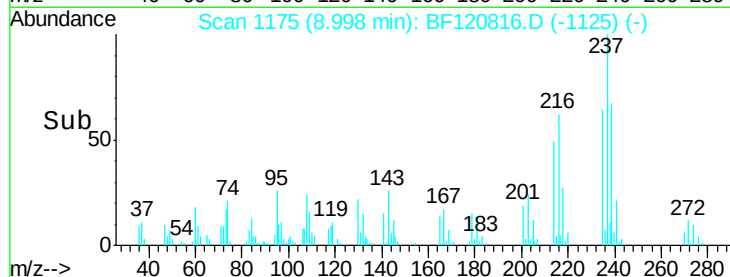
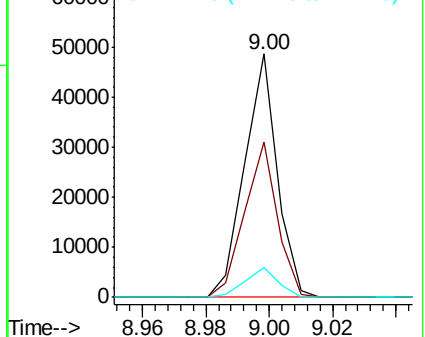
237 100

235 63.7 42.1 82.1

272 12.0 0.0 33.4



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: 104.363 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

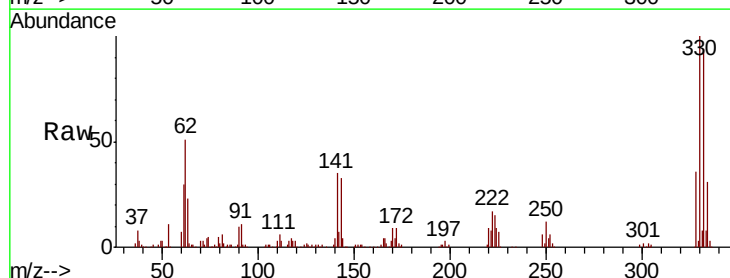
Tgt Ion:330 Resp: 262762

Ion Ratio Lower Upper

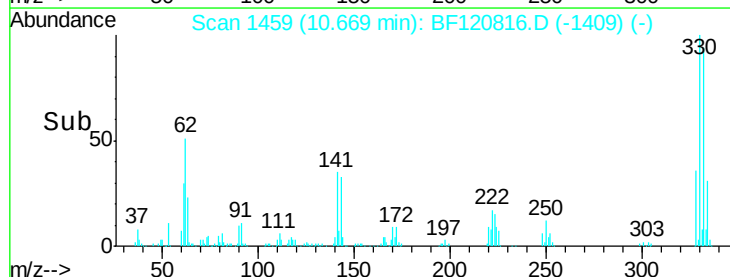
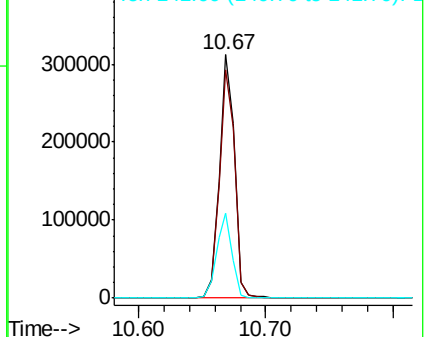
330 100

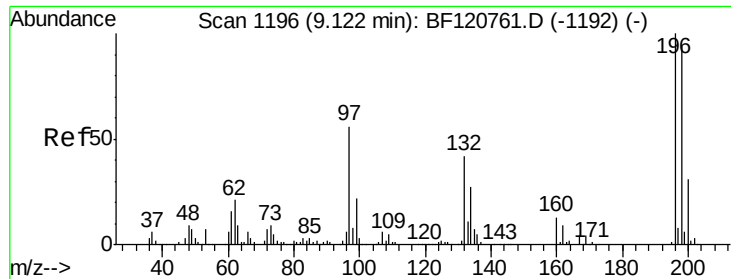
332 95.7 75.8 113.6

141 36.0 29.7 44.5



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

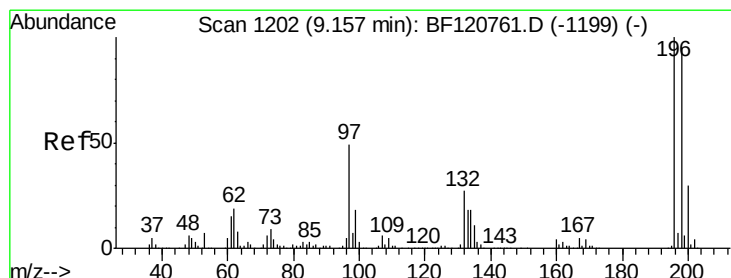
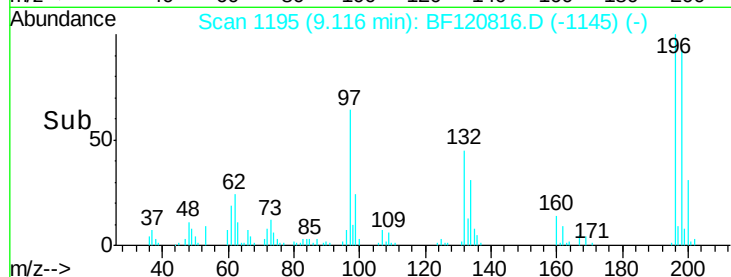
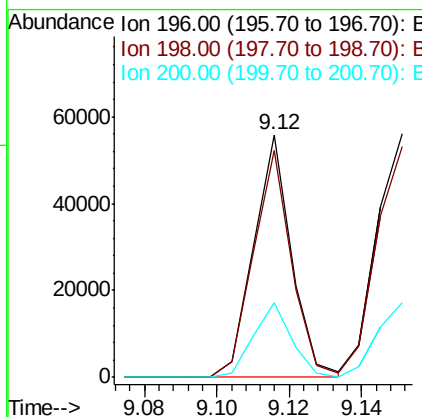
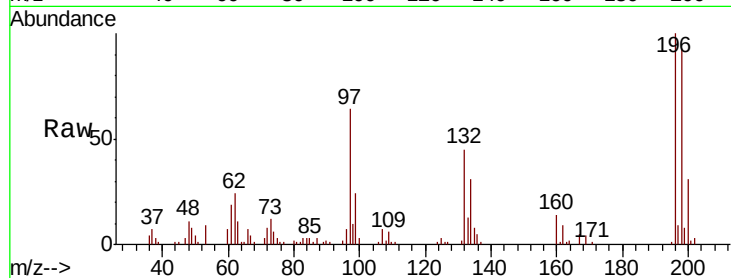




#43
 2,4,6-Trichlorophenol
 Concen: 7.771 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

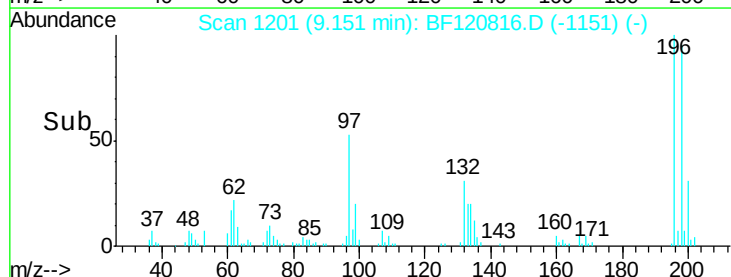
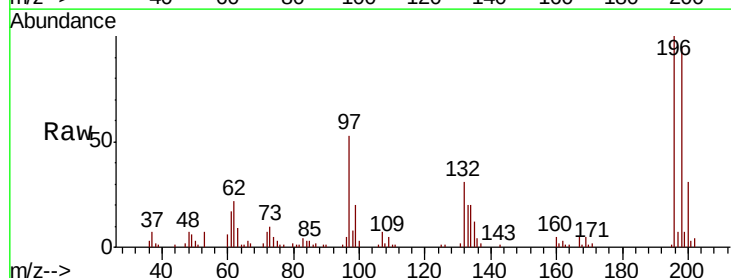
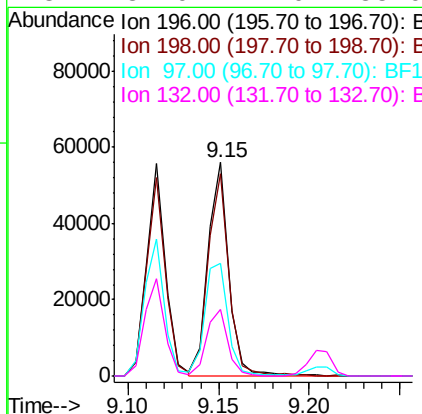
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

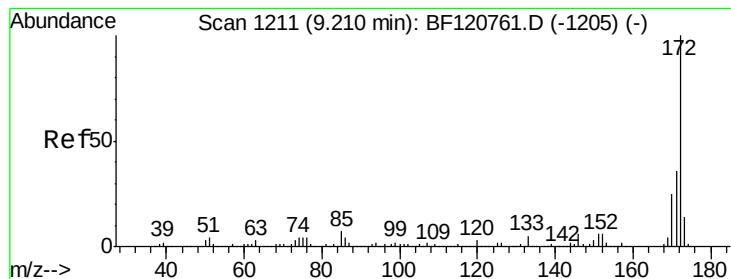
Tot Ion:196 Resp: 40107
 Ion Ratio Lower Upper
 196 100
 198 93.4 75.3 112.9
 200 30.6 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 7.810 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:196 Resp: 44736
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.2
 97 53.0 39.6 59.4
 132 31.0 22.0 33.0





#45

2-Fluorobiphenyl

Concen: 76.604 ng

RT: 9.21 min Scan# 1211

Delta R.T. 0.00 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

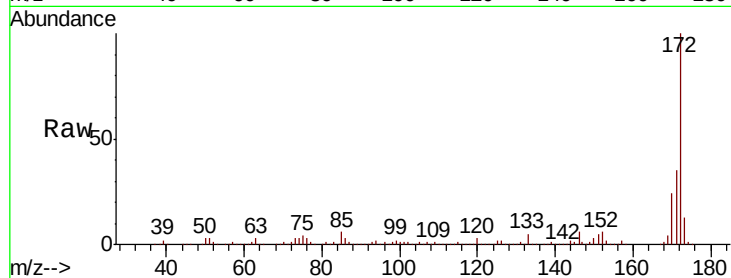
BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion:172 Resp: 1268925

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.1	43.7
170	24.5	19.8	29.6

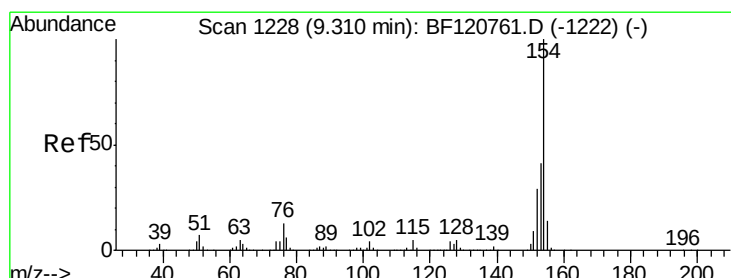
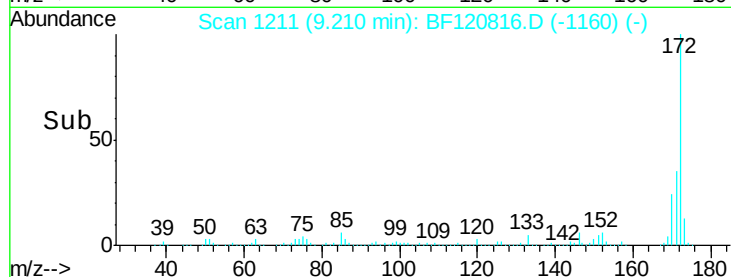
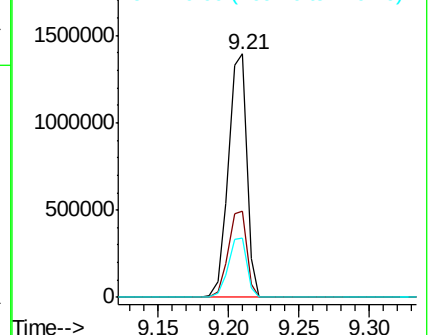


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 10.116 ng

RT: 9.30 min Scan# 1227

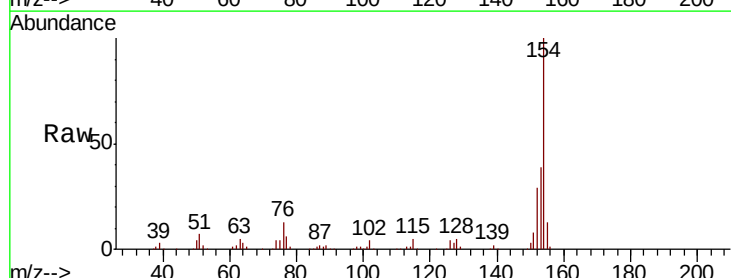
Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Tgt Ion:154 Resp: 204504

Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.7	60.7
76	12.7	0.0	33.3

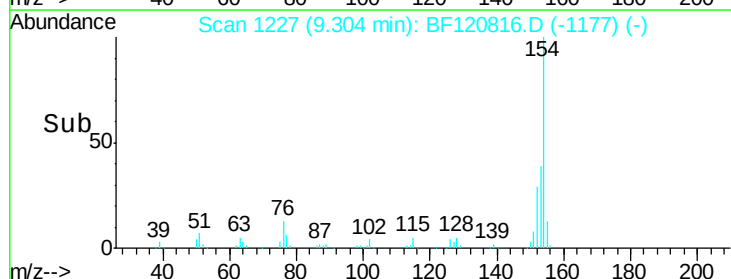
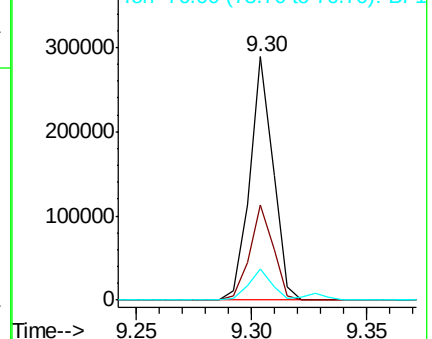


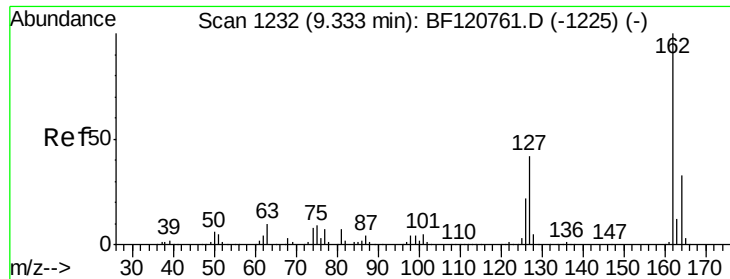
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

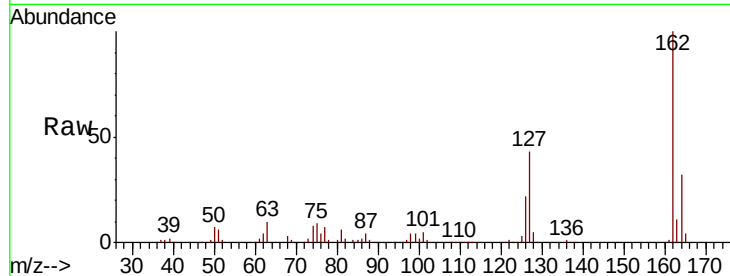




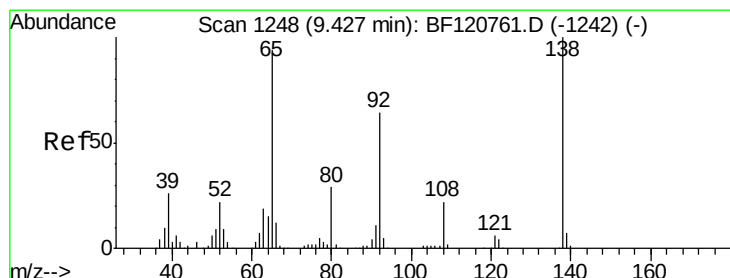
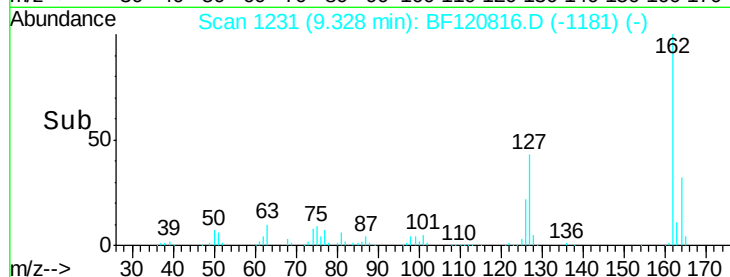
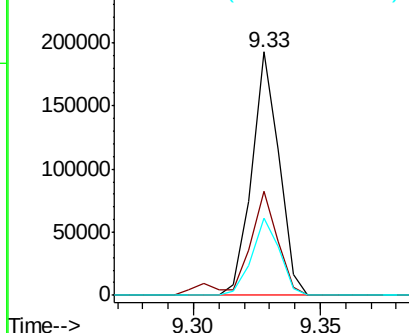
#47
 2-Chloronaphthalene
 Concen: 8.898 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:162 Resp: 144104
 Ion Ratio Lower Upper
 162 100
 127 42.7 33.7 50.5
 164 32.0 26.4 39.6

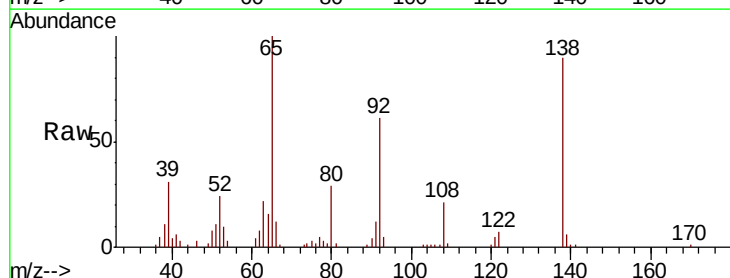


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

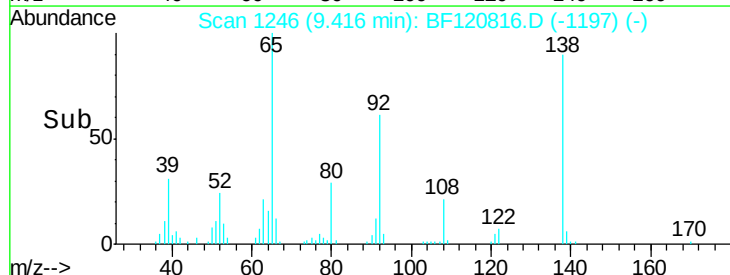
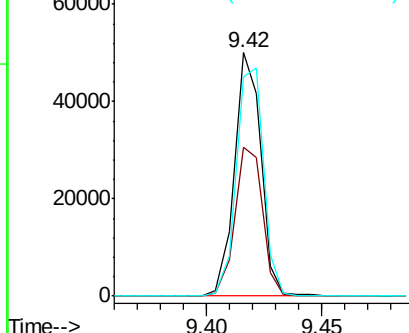


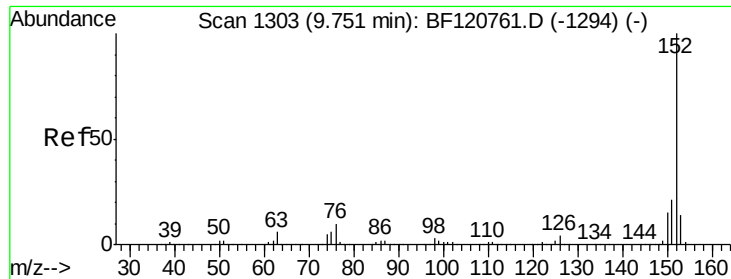
#48
 2-Nitroaniline
 Concen: 9.251 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion: 65 Resp: 40085
 Ion Ratio Lower Upper
 65 100
 92 61.2 54.4 81.6
 138 89.9 84.7 127.1



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: 9.097 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

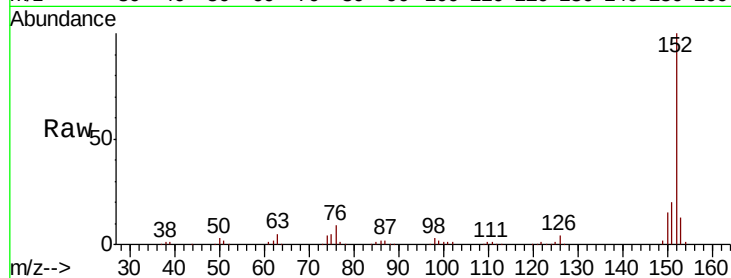
Tot Ion:152 Resp: 230986

Ion Ratio Lower Upper

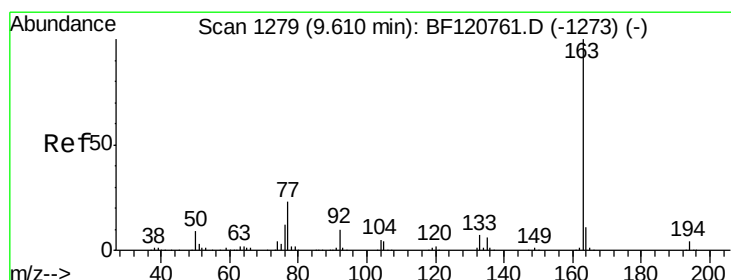
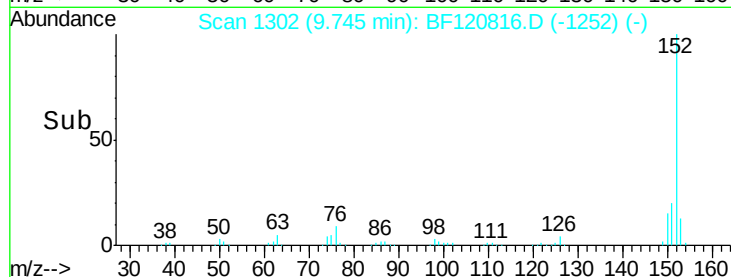
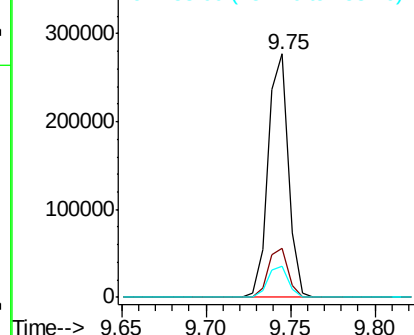
152 100

151 19.9 16.9 25.3

153 12.9 10.8 16.2



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



#50

Dimethylphthalate

Concen: 8.828 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

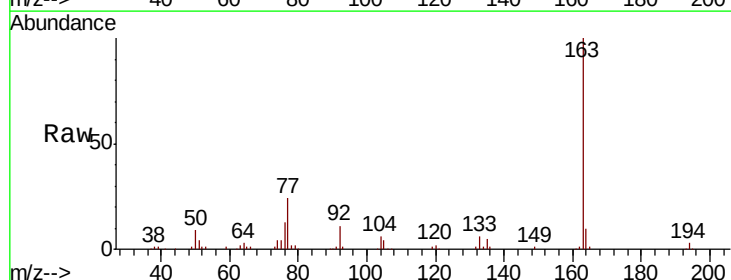
Tgt Ion:163 Resp: 161387

Ion Ratio Lower Upper

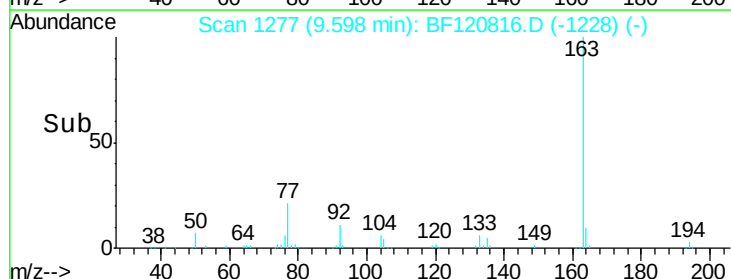
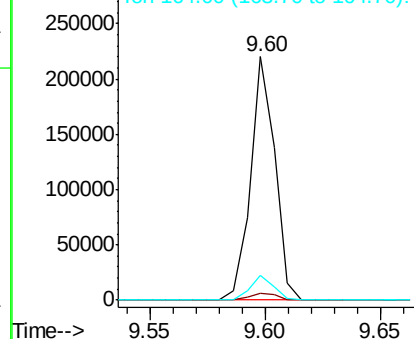
163 100

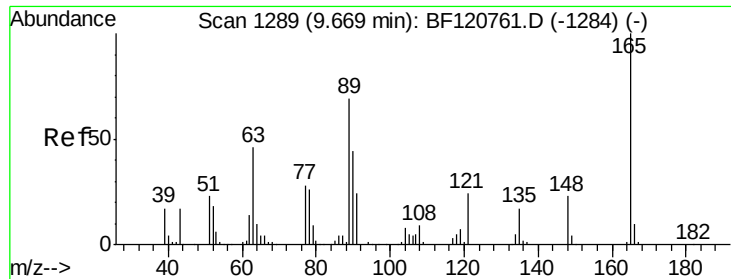
194 3.0 2.9 4.3

164 10.3 8.5 12.7



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

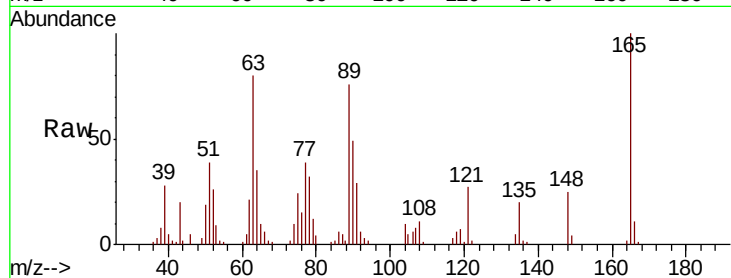




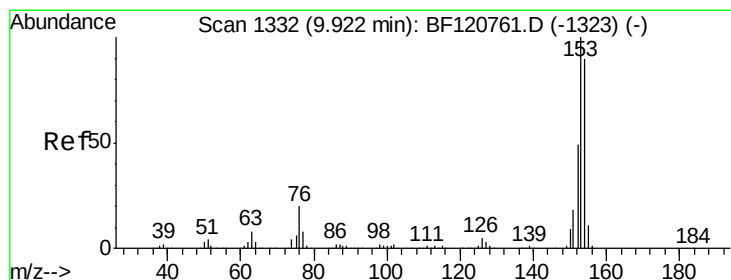
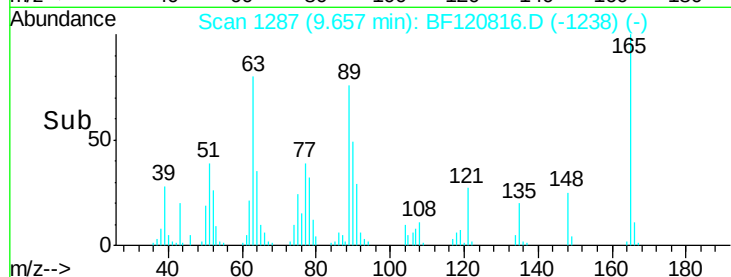
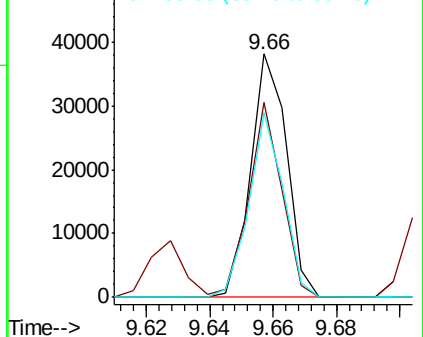
#51
2,6-Dinitrotoluene
Concen: 9.084 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 30001
Ion Ratio Lower Upper
165 100
63 79.9 54.0 81.0
89 76.1 55.4 83.2

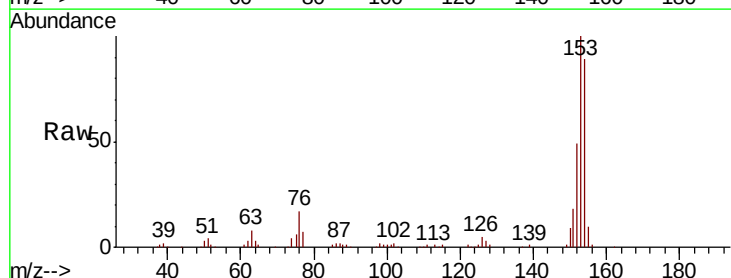


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

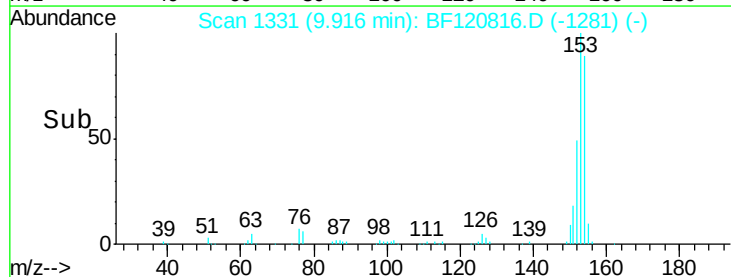
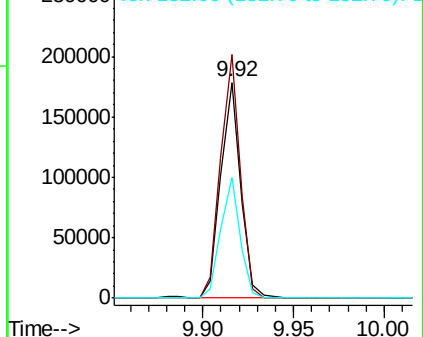


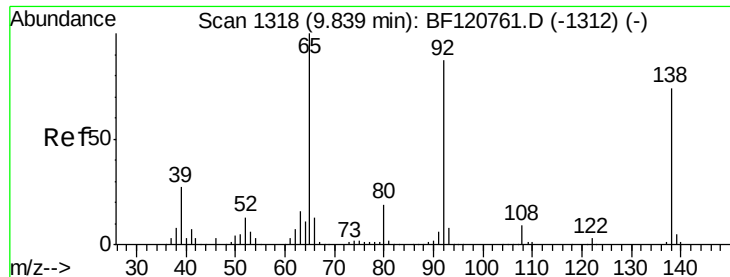
#52
Acenaphthene
Concen: 8.696 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:154 Resp: 136974
Ion Ratio Lower Upper
154 100
153 112.8 88.6 132.8
152 55.8 43.6 65.4



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

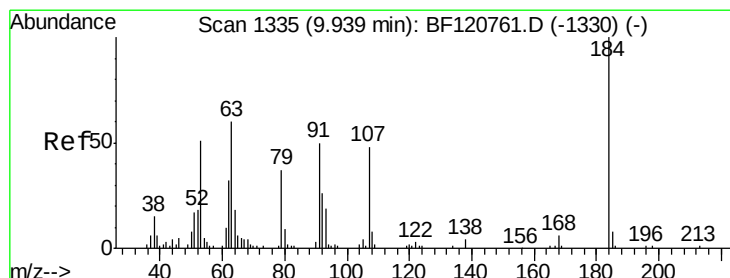
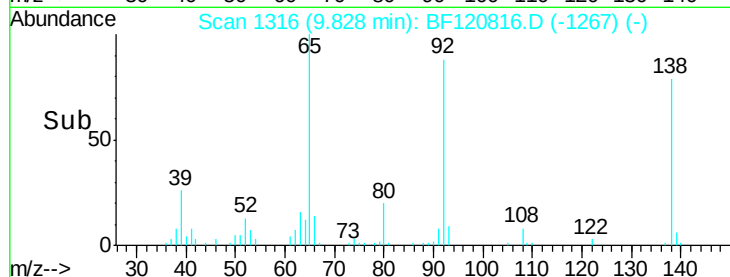
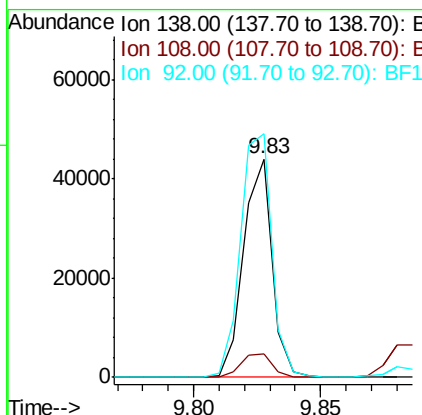
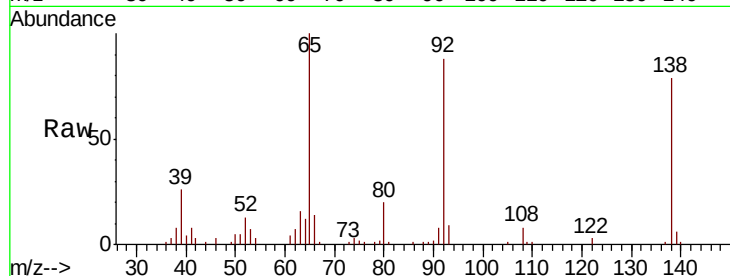




#53
3-Nitroaniline
Concen: 8.439 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

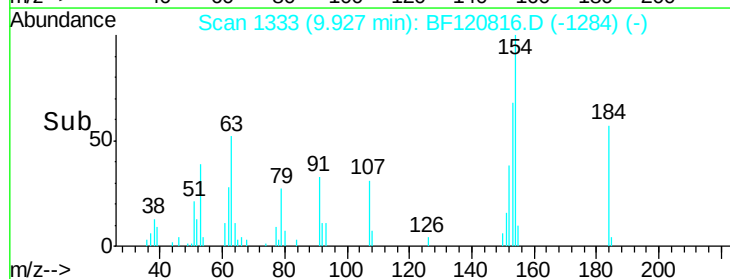
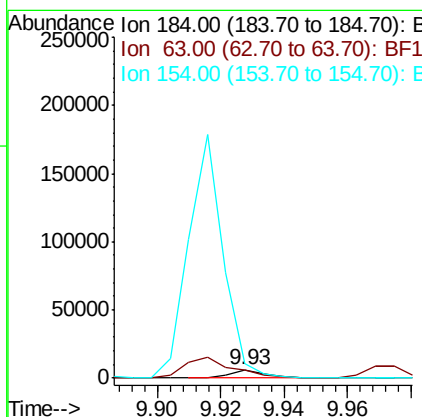
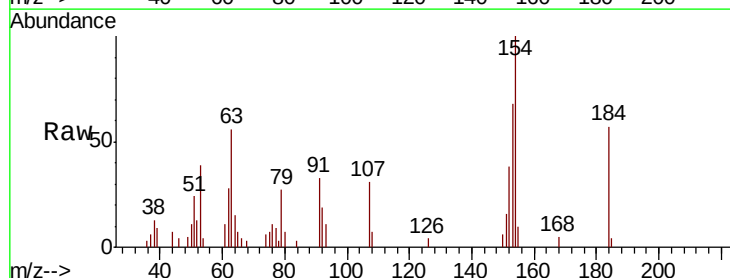
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

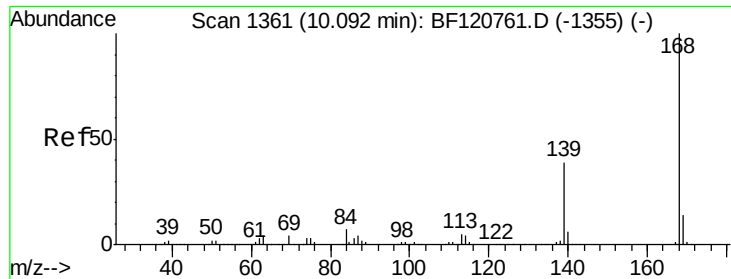
Tot Ion:138 Resp: 34433
Ion Ratio Lower Upper
138 100
108 10.7 9.8 14.6
92 111.4 93.4 140.2



#54
2,4-Dinitrophenol
Concen: 4.477 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:184 Resp: 4883
Ion Ratio Lower Upper
184 100
63 96.9 57.3 85.9#
154 174.3 55.8 83.6#

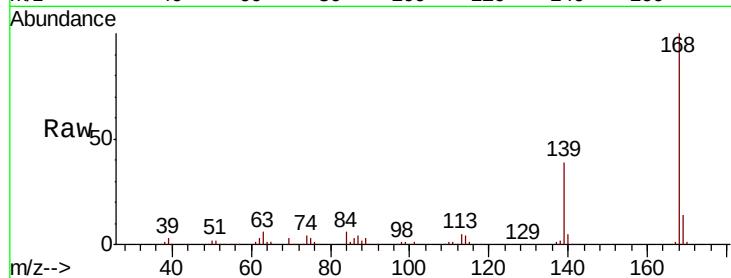




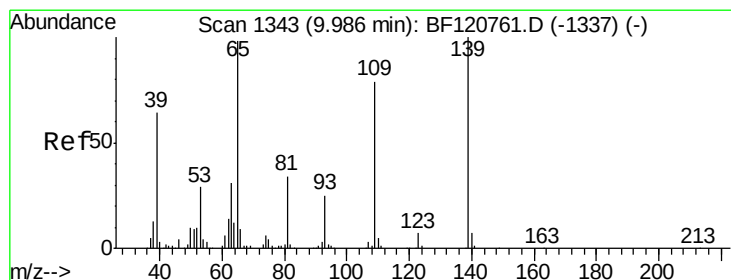
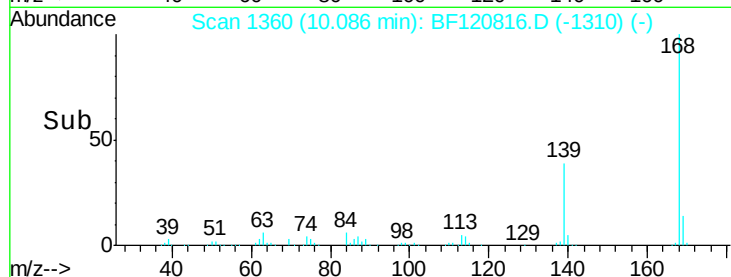
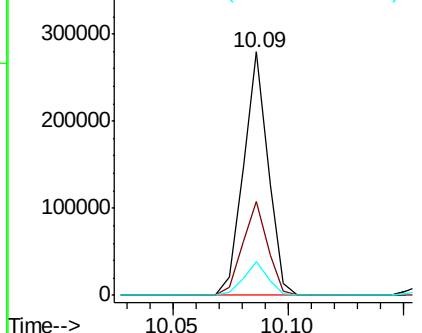
#55
Dibenzenofuran
Concen: 9.201 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:168 Resp: 208908
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.9 11.2 16.8

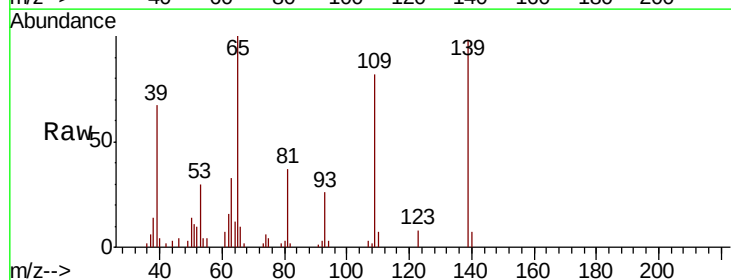


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

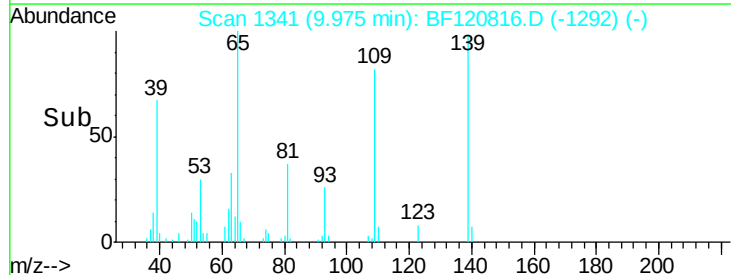
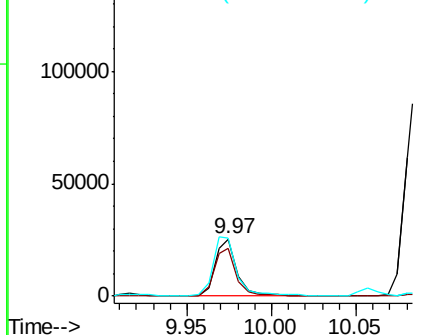


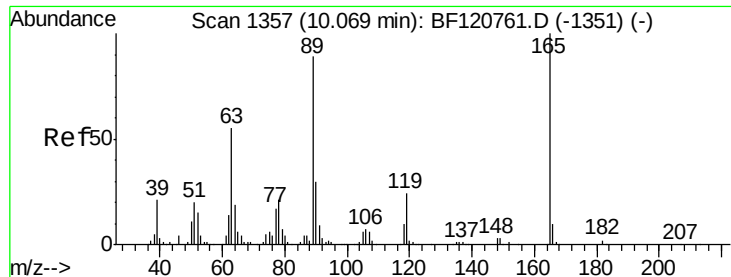
#56
4-Nitrophenol
Concen: 7.682 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:139 Resp: 23024
Ion Ratio Lower Upper
139 100
109 84.0 58.6 98.6
65 102.3 78.7 118.7



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

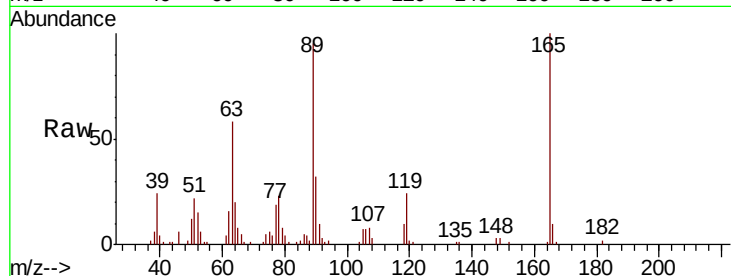




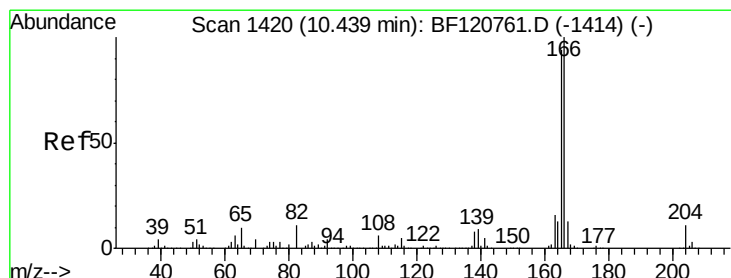
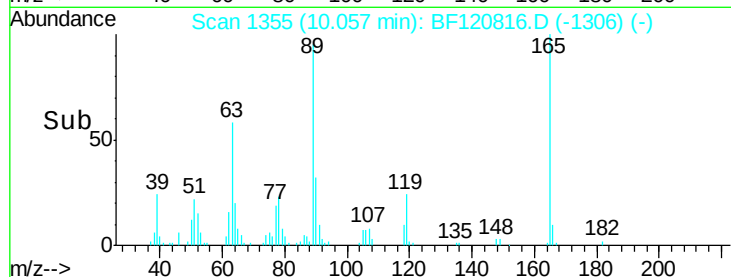
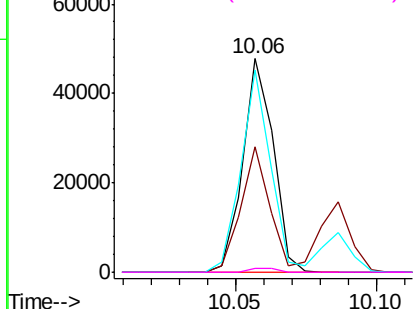
#57
2,4-Dinitrotoluene
Concen: 9.041 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:165 Resp: 35851
Ion Ratio Lower Upper
165 100
63 58.5 43.8 65.8
89 94.7 71.4 107.2
182 2.0 1.8 2.6

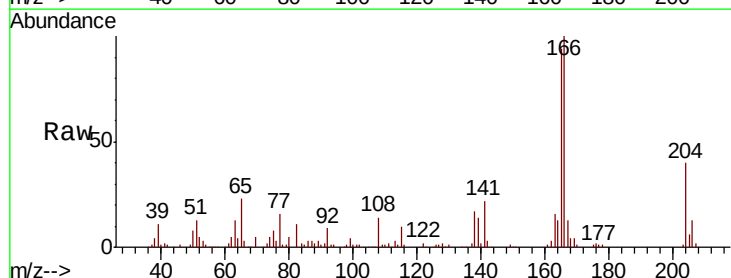


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

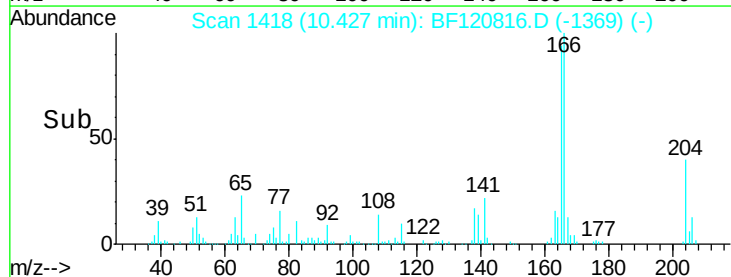
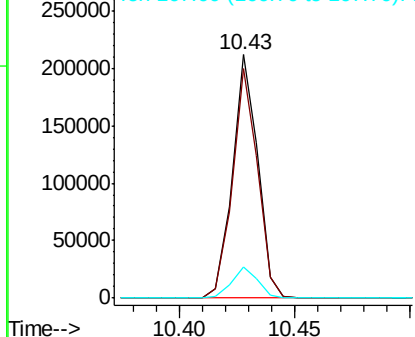


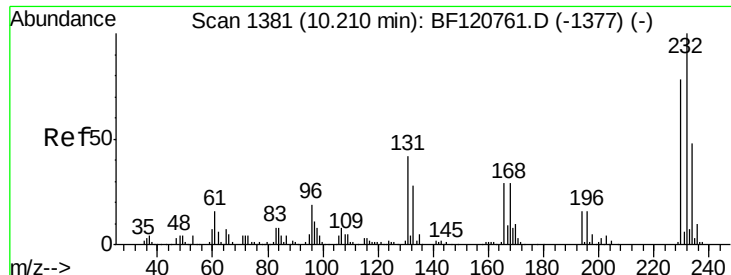
#58
Fluorene
Concen: 9.491 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:166 Resp: 160408
Ion Ratio Lower Upper
166 100
165 94.4 75.5 113.3
167 13.0 10.6 16.0



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

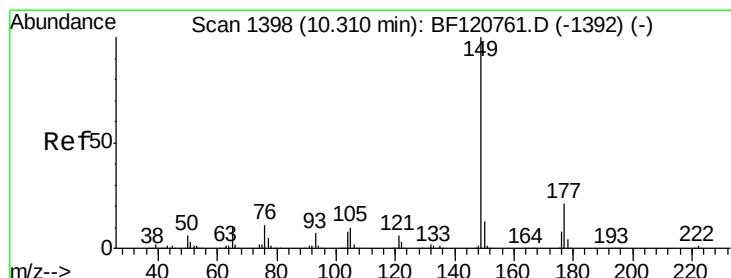
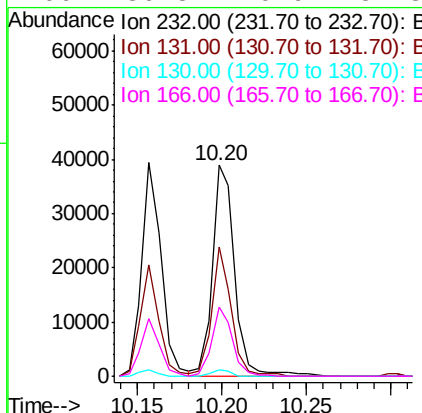
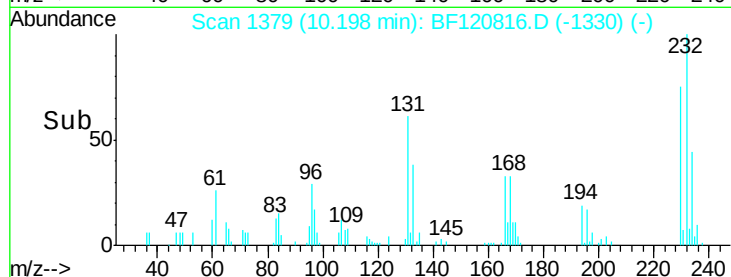
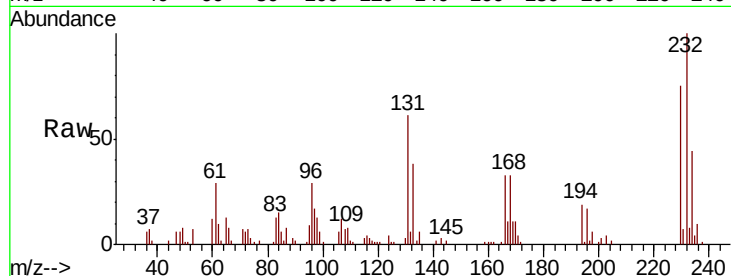




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 8.478 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

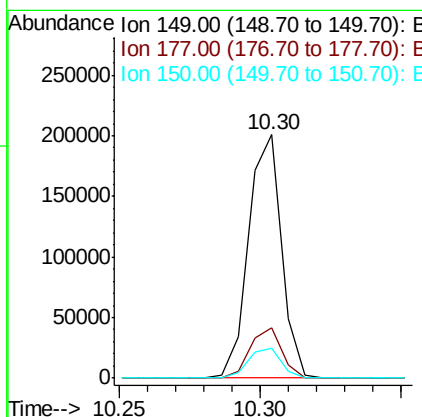
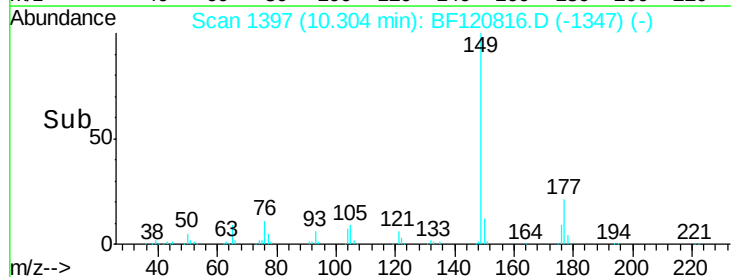
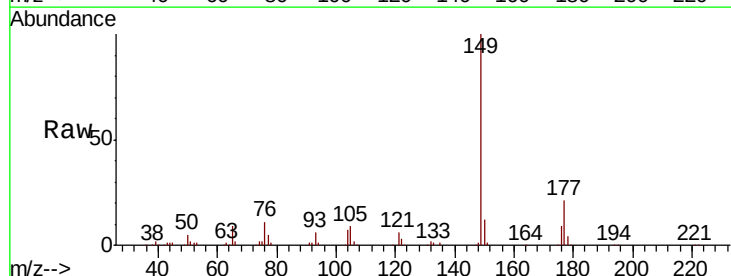
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

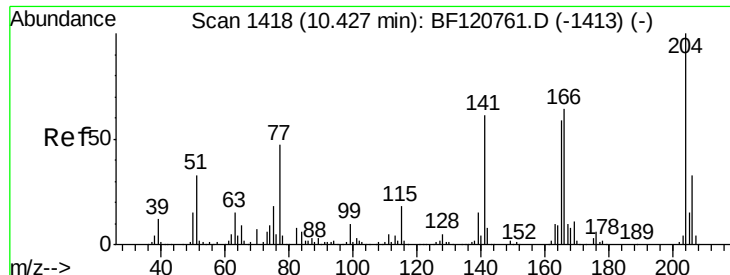
Tot Ion:	232	Resp:	36135
Ion	Ratio	Lower	Upper
232	100		
131	53.5	36.3	54.5
130	2.5	2.0	3.0
166	30.8	20.9	31.3



#60
 Diethylphthalate
 Concen: 8.544 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:	149	Resp:	162714
Ion	Ratio	Lower	Upper
149	100		
177	20.9	16.4	24.6
150	12.3	10.2	15.4

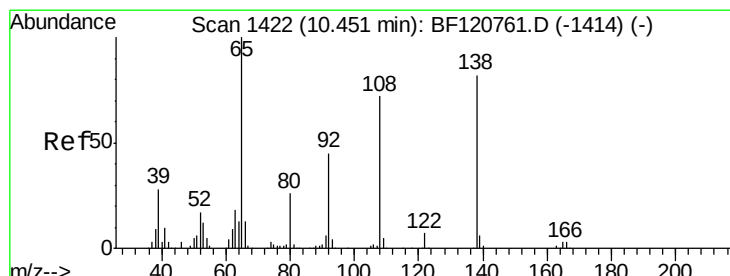
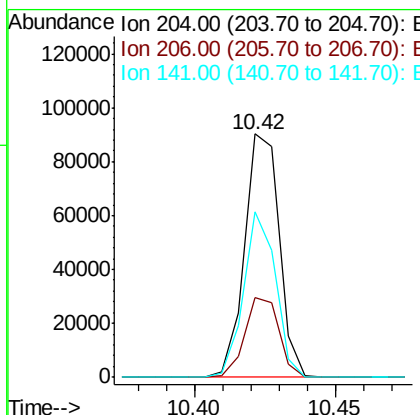
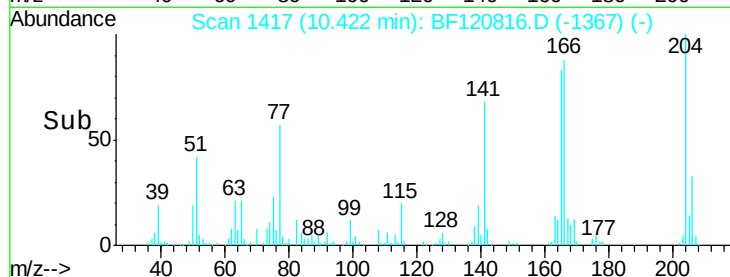
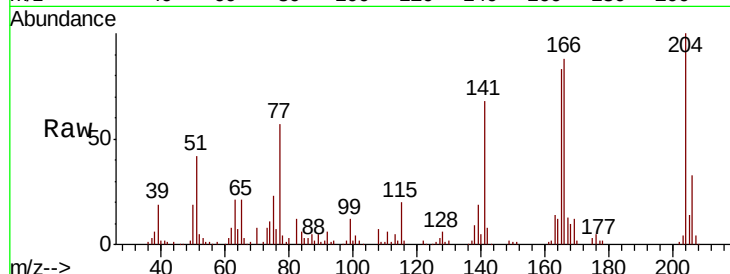




#61
4-Chlorophenyl-phenylether
Concen: 9.022 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

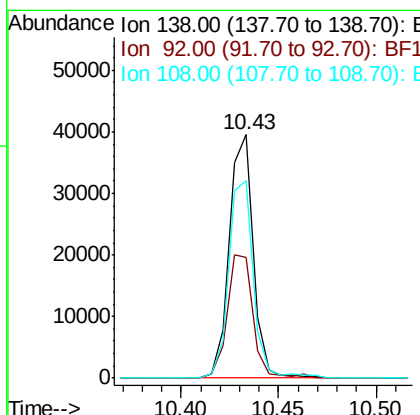
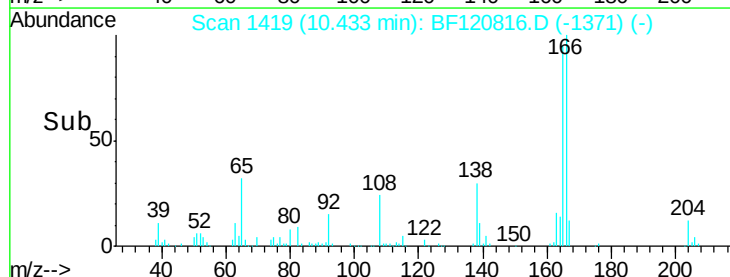
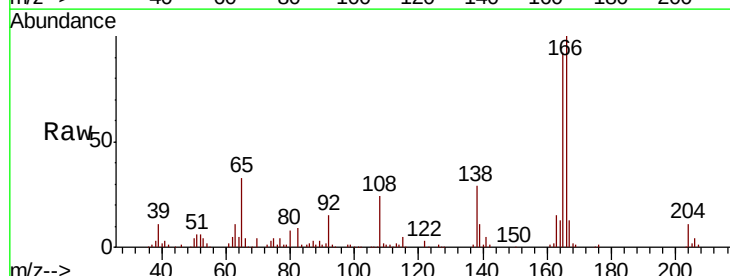
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

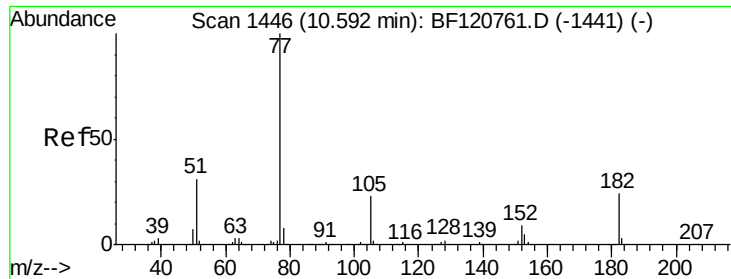
Tot Ion:204 Resp: 76654
Ion Ratio Lower Upper
204 100
206 32.8 26.7 40.1
141 68.2 48.5 72.7



#62
4-Nitroaniline
Concen: 8.720 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:138 Resp: 33873
Ion Ratio Lower Upper
138 100
92 49.6 34.3 74.3
108 81.1 68.3 108.3





#63

Azobenzene

Concen: 9.024 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

Tot Ion: 77 Resp: 175807

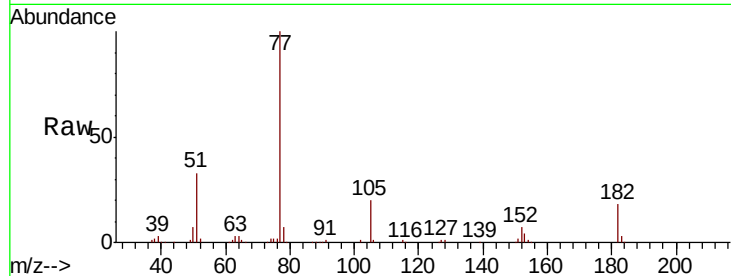
Ion Ratio Lower Upper

77 100

182 18.2 4.0 44.0

105 19.7 2.6 42.6

51 33.4 11.5 51.5

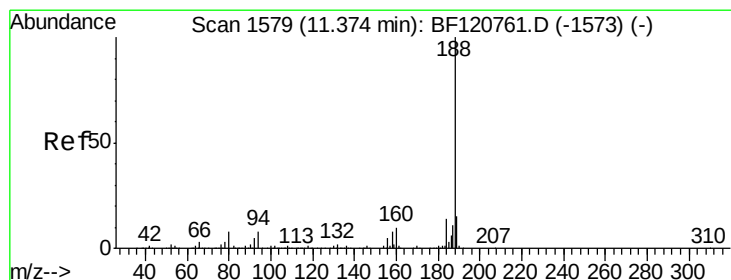
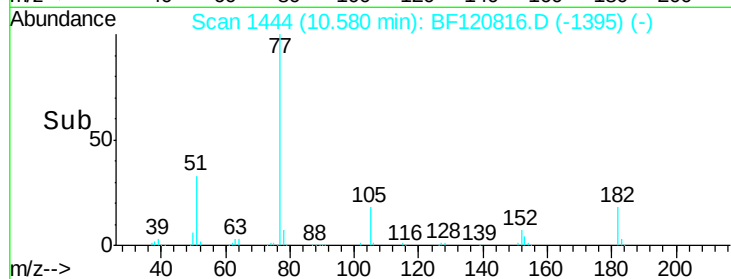
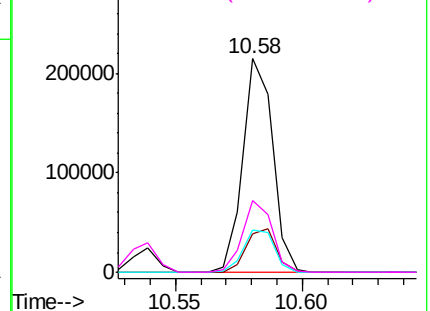


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.37 min Scan# 1578

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

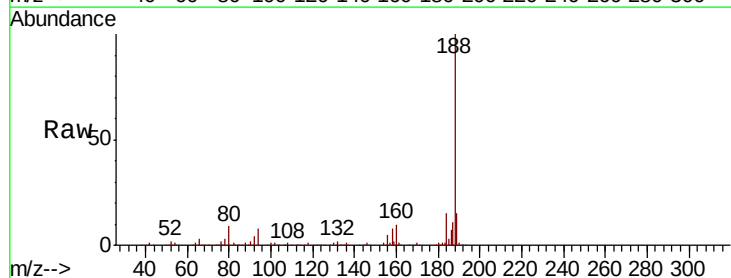
Tgt Ion: 188 Resp: 445263

Ion Ratio Lower Upper

188 100

94 8.3 6.6 9.8

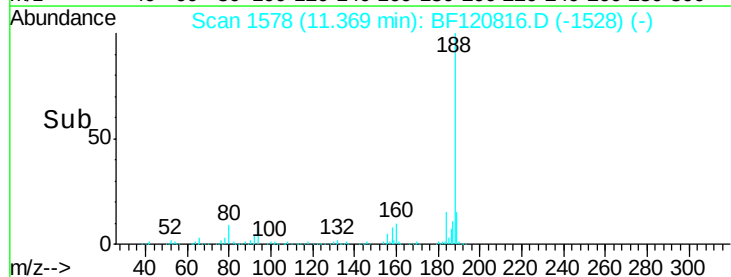
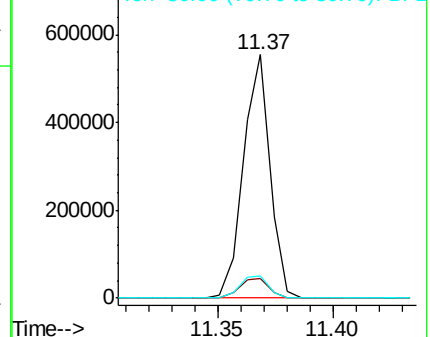
80 9.0 6.6 10.0

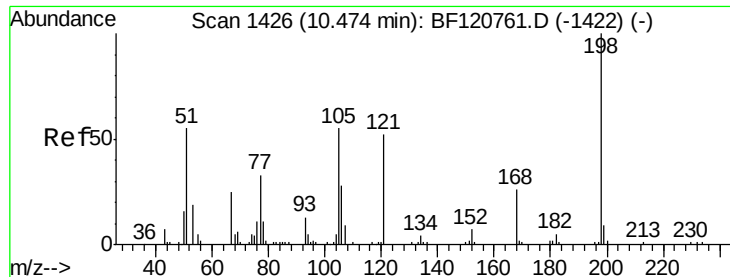


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

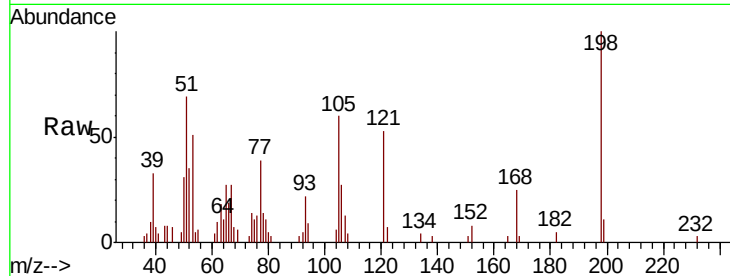




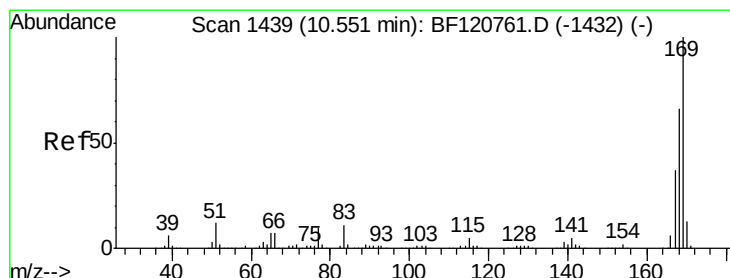
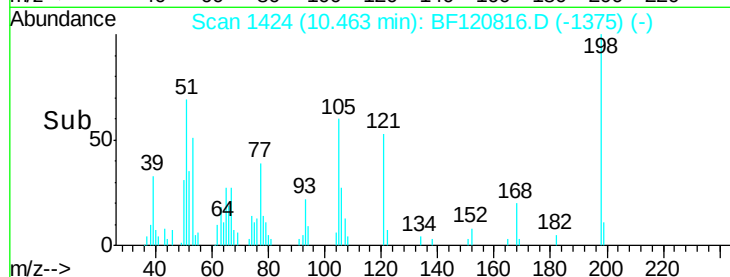
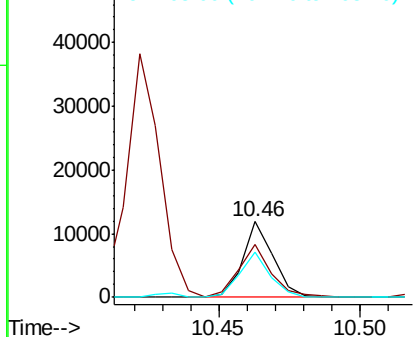
#65
4,6-Dinitro-2-methylphenol
Concen: 6.160 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

Tot Ion:198 Resp: 8813
Ion Ratio Lower Upper
198 100
51 69.5 50.0 90.0
105 59.8 38.3 78.3

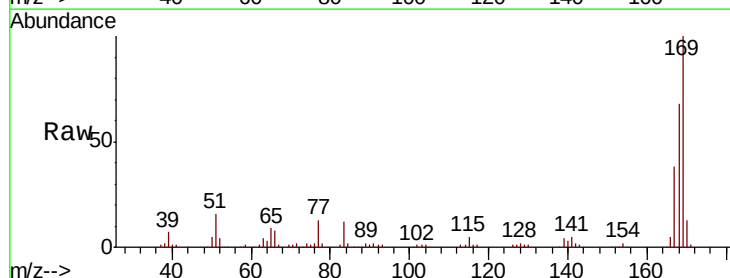


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

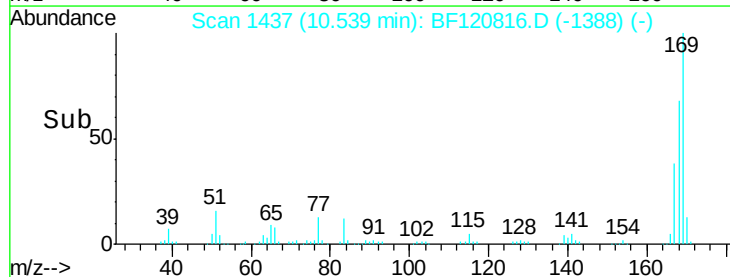
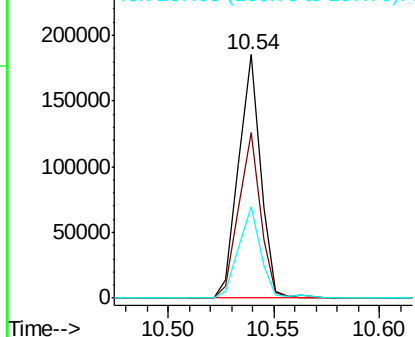


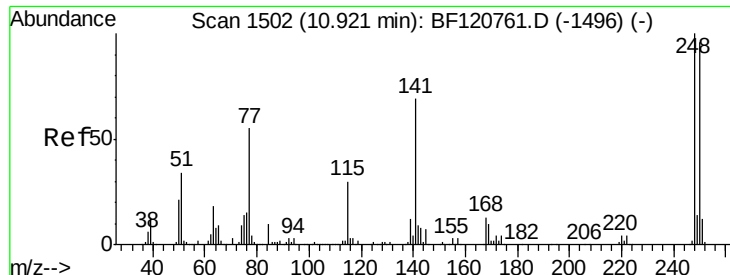
#66
n-Nitrosodiphenylamine
Concen: 8.935 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:169 Resp: 133342
Ion Ratio Lower Upper
169 100
168 68.0 53.1 79.7
167 37.7 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

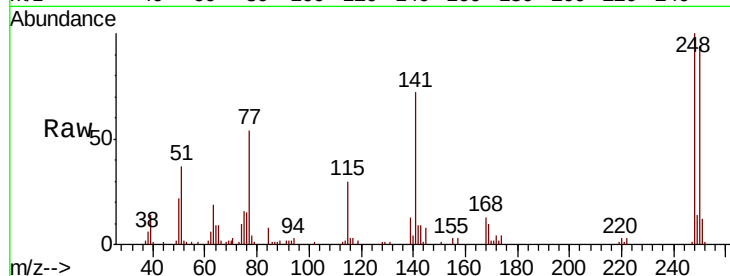




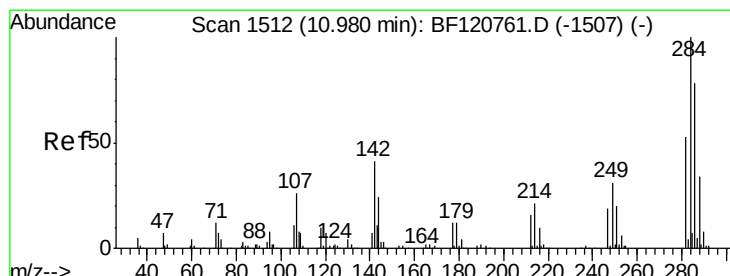
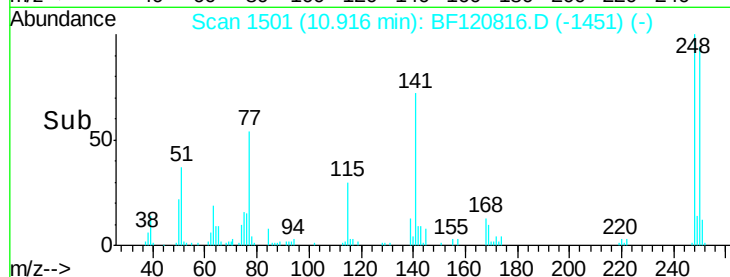
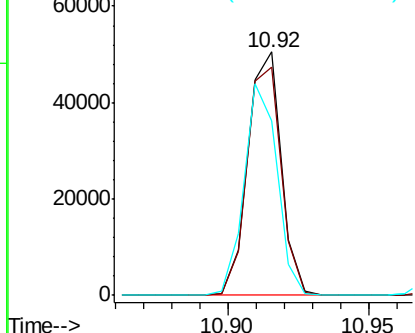
#67
 4-Bromophenyl-phenylether
 Concen: 8.013 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:248 Resp: 41389
 Ion Ratio Lower Upper
 248 100
 250 93.8 76.5 114.7
 141 71.7 54.9 82.3

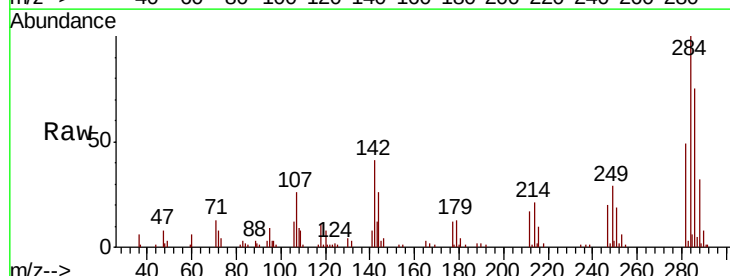


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

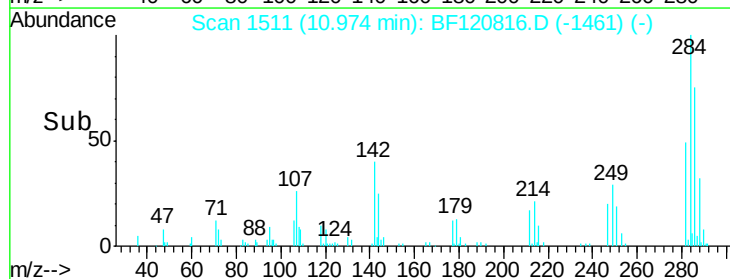
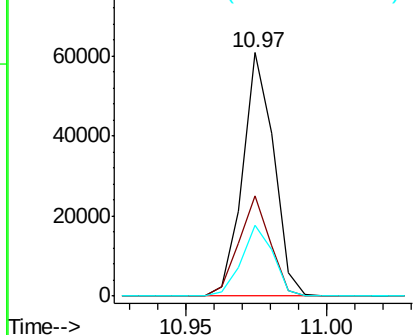


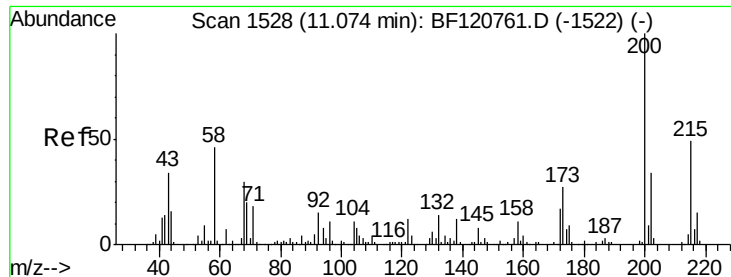
#68
 Hexachlorobenzene
 Concen: 8.547 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:284 Resp: 46326
 Ion Ratio Lower Upper
 284 100
 142 41.2 32.5 48.7
 249 31.7 24.8 37.2



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

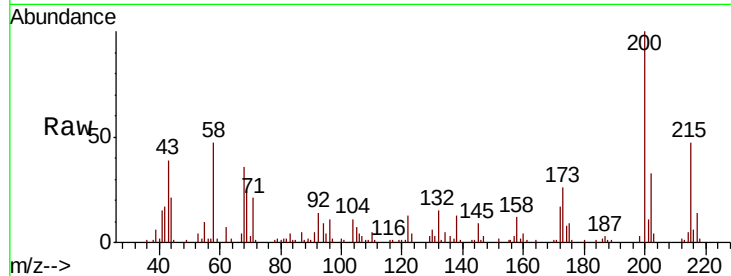




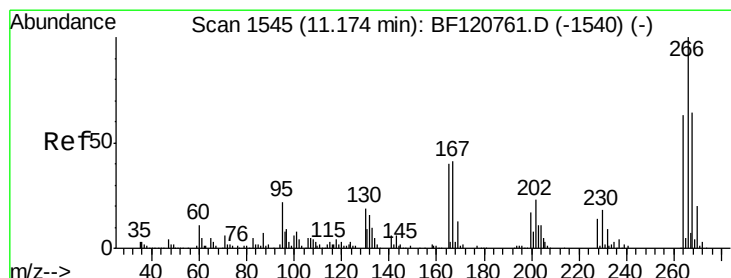
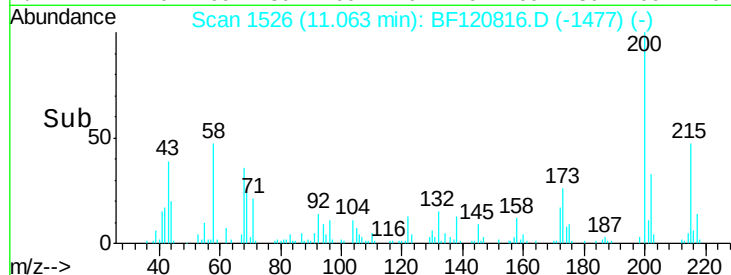
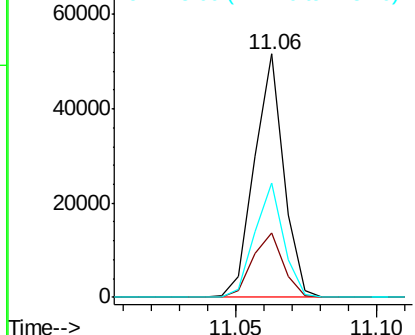
#69
 Atrazine
 Concen: 9.667 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

Tot Ion:200 Resp: 37167
 Ion Ratio Lower Upper
 200 100
 173 26.2 7.4 47.4
 215 46.8 28.8 68.8

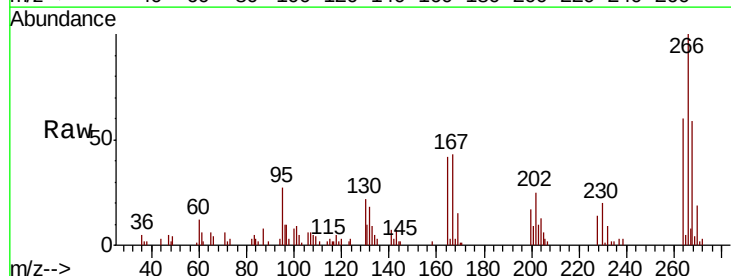


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

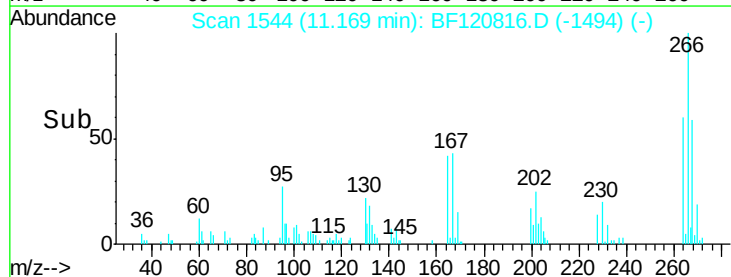
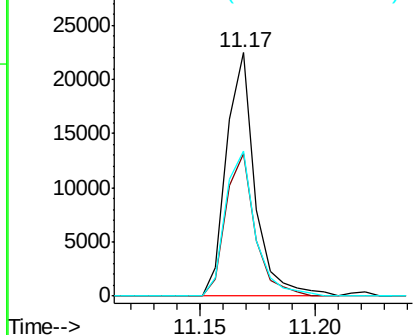


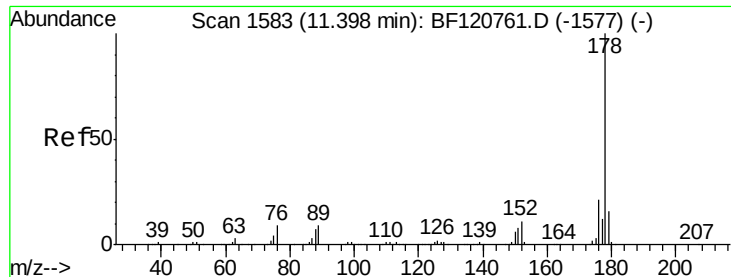
#70
 Pentachlorophenol
 Concen: 6.282 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:266 Resp: 19264
 Ion Ratio Lower Upper
 266 100
 268 63.1 51.4 77.2
 264 64.8 50.6 75.8



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

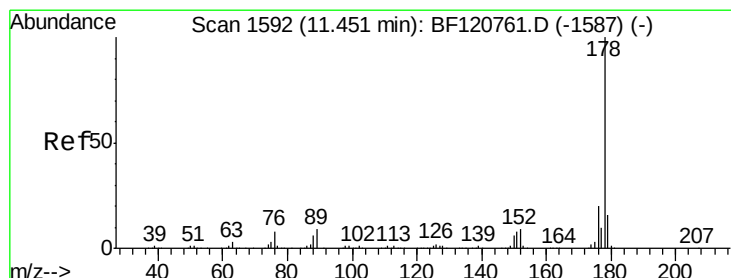
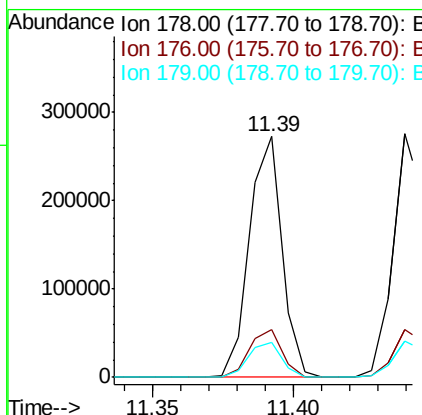
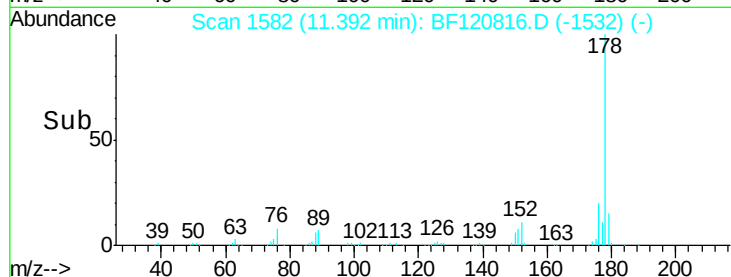
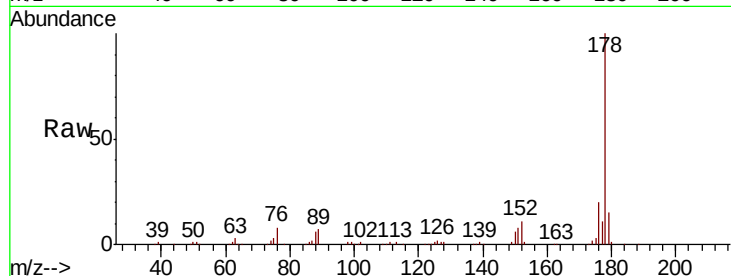




#71
Phenanthrene
Concen: 9.100 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

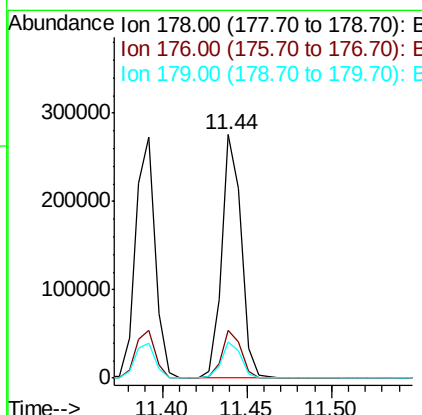
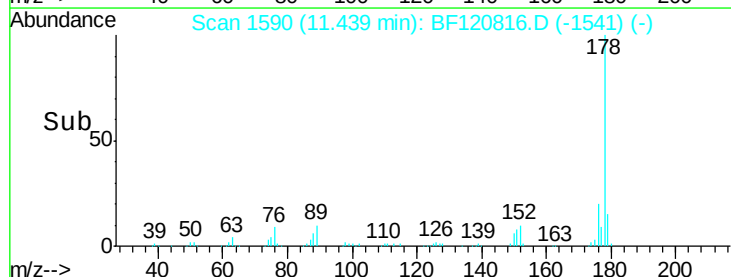
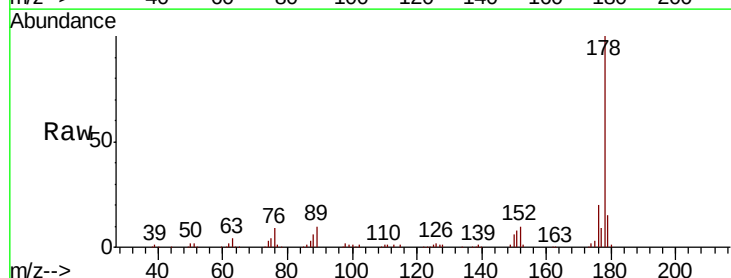
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

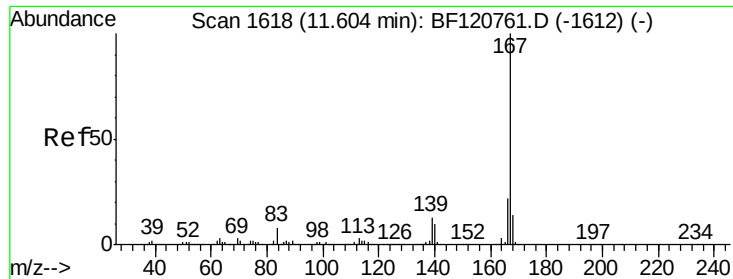
Tot Ion:178 Resp: 219841
Ion Ratio Lower Upper
178 100
176 20.1 16.4 24.6
179 14.7 12.9 19.3



#72
Anthracene
Concen: 9.110 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:178 Resp: 222402
Ion Ratio Lower Upper
178 100
176 19.8 16.2 24.2
179 15.1 12.7 19.1

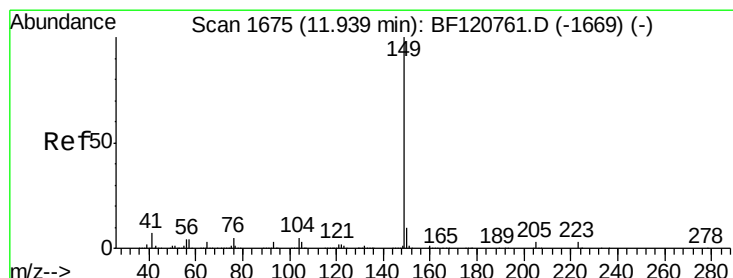
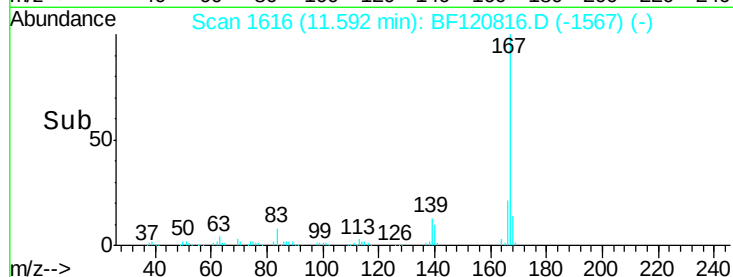
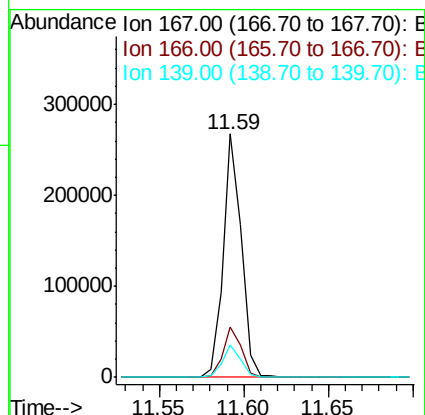
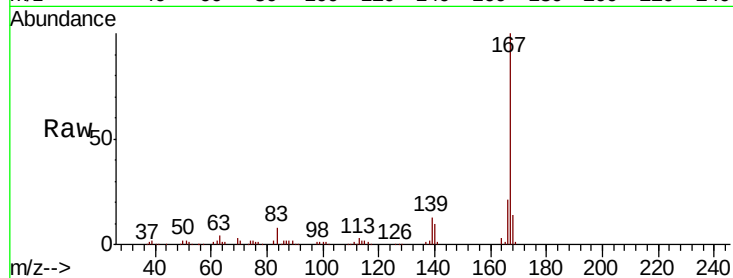




#73
 Carbazole
 Concen: 8.536 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

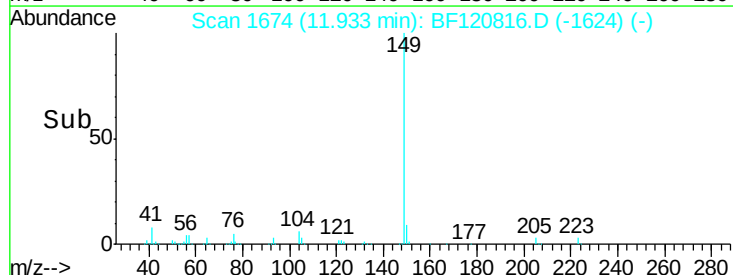
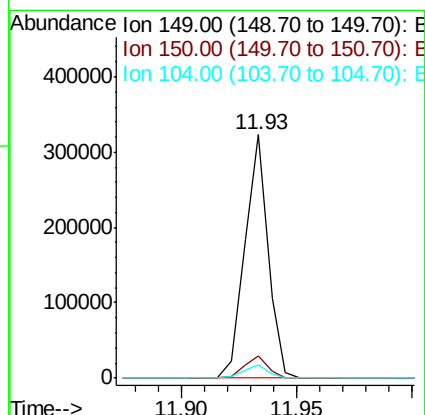
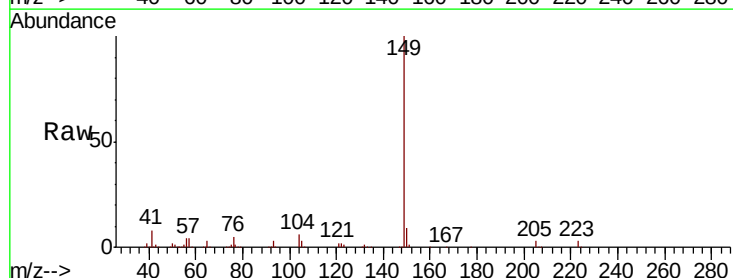
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

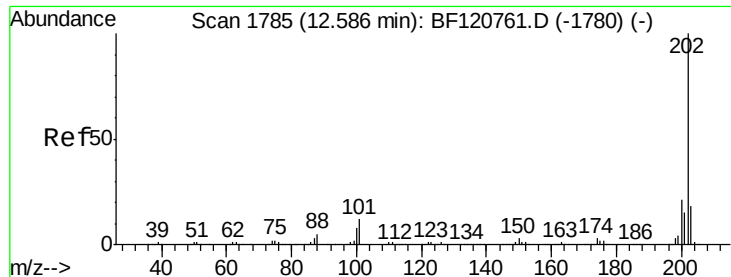
Tot Ion:167 Resp: 200266
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.8 26.8
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 7.865 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion:149 Resp: 228443
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.5 4.0 6.0

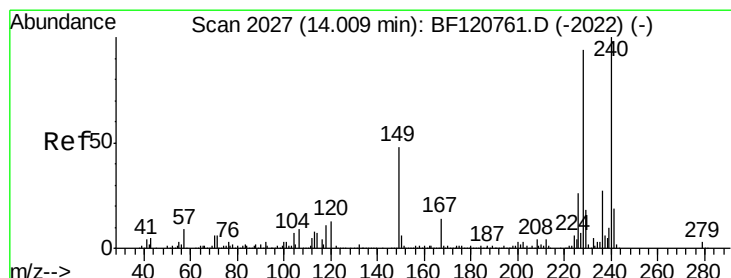
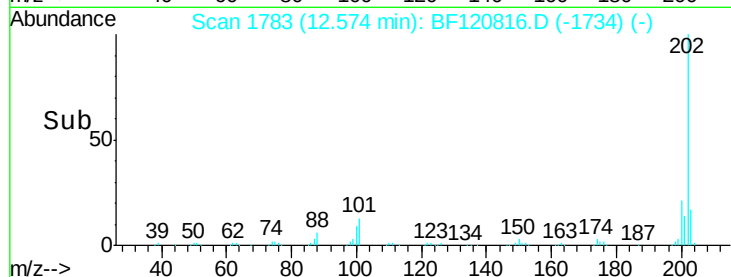
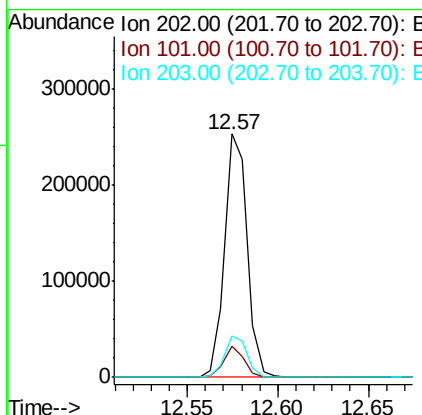
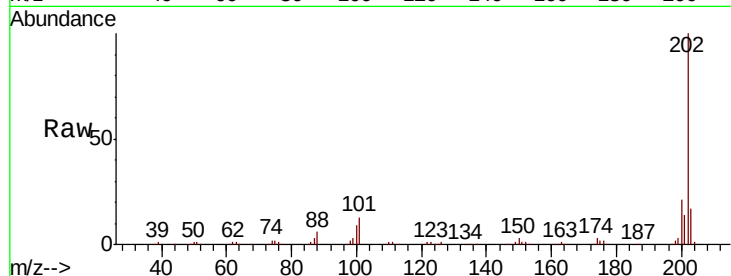




#75
Fluoranthene
Concen: 8.521 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

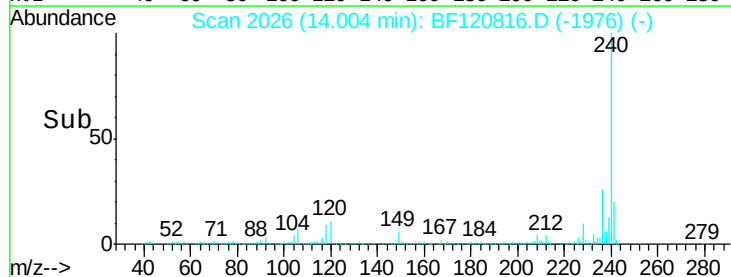
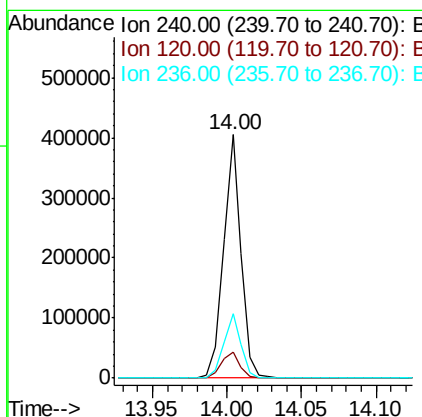
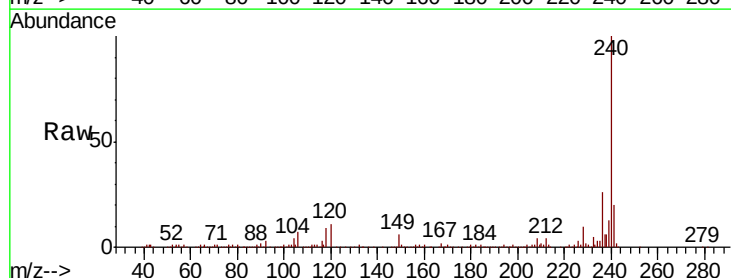
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

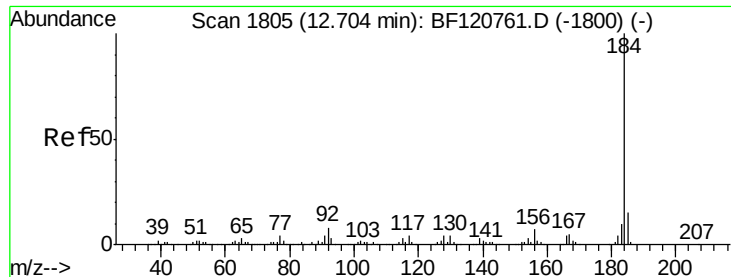
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.6	0.0	31.6
203	17.1	0.0	38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.9	10.3	15.5
236	26.3	21.4	32.2





#77

Benzidine

Concen: 9.438 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

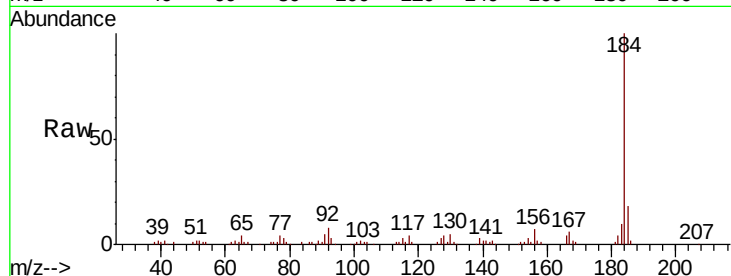
Tot Ion:184 Resp: 89231

Ion Ratio Lower Upper

184 100

185 18.3 11.8 17.8#

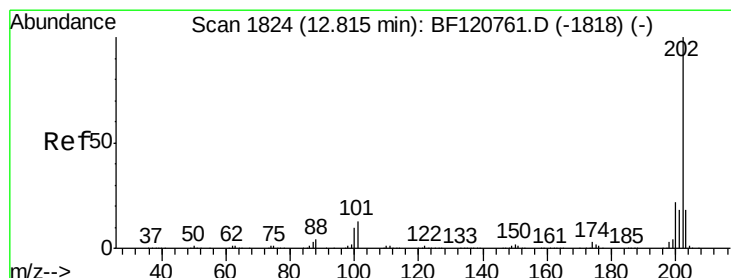
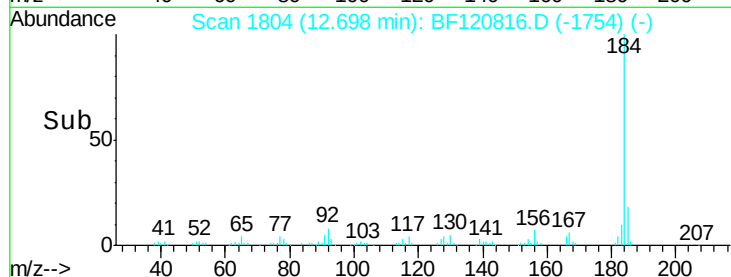
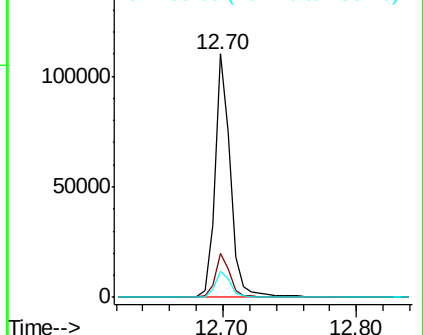
183 10.5 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 8.530 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

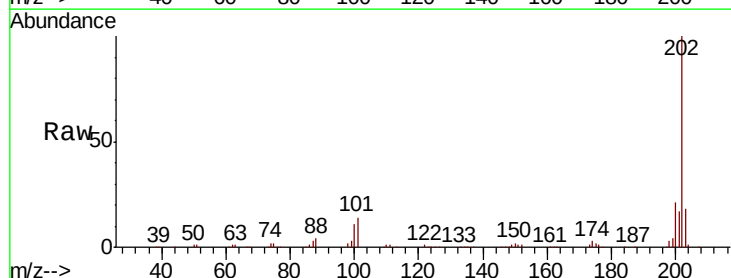
Tgt Ion:202 Resp: 228184

Ion Ratio Lower Upper

202 100

200 20.7 17.3 25.9

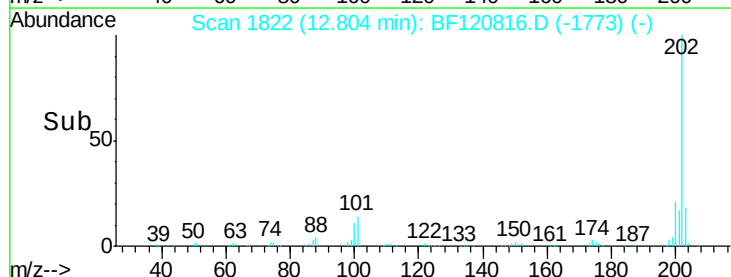
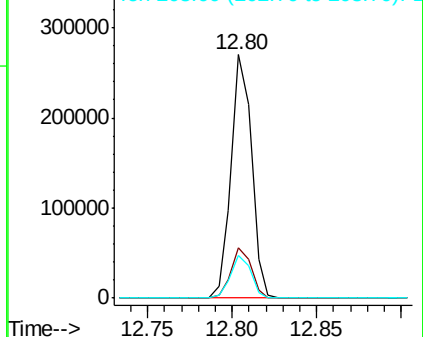
203 17.8 14.6 22.0

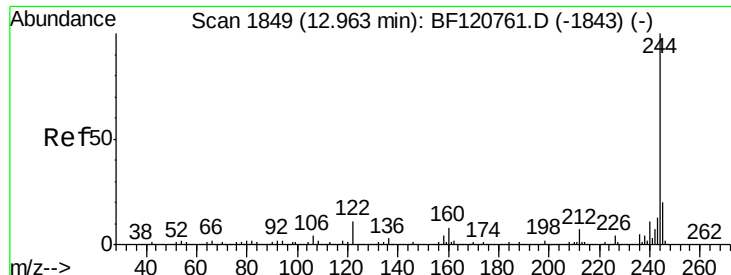


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.389 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

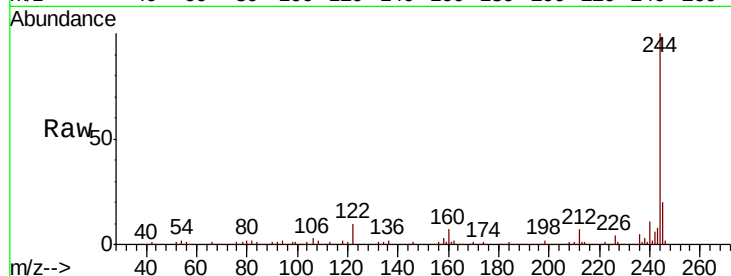
Tot Ion:244 Resp: 1050237

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

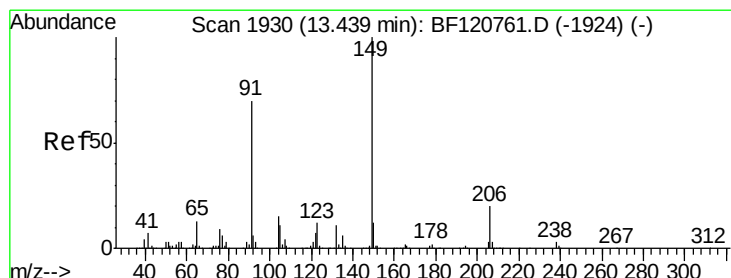
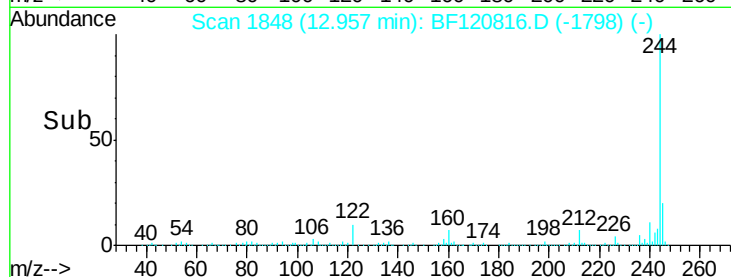
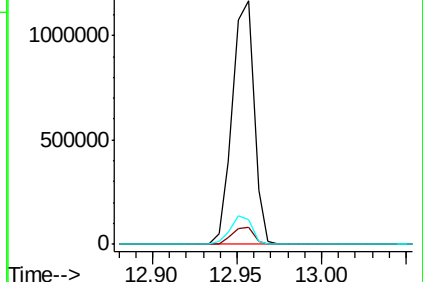
122 10.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 6.662 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

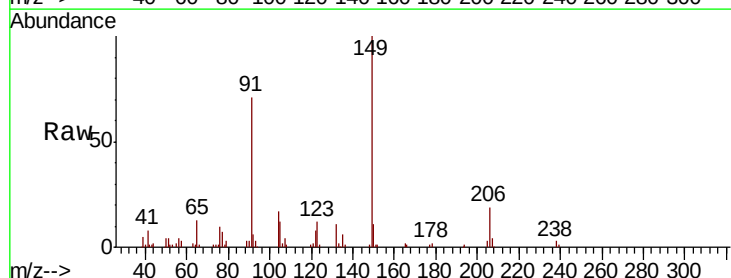
Tgt Ion:149 Resp: 76948

Ion Ratio Lower Upper

149 100

91 70.7 55.8 83.8

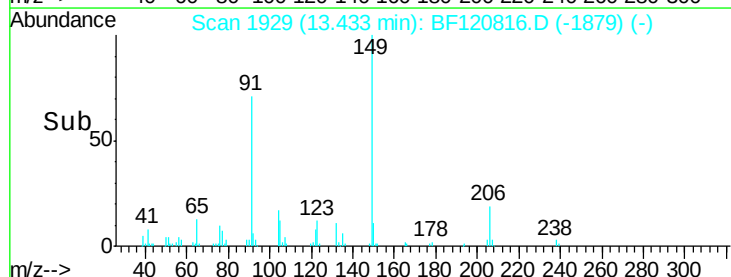
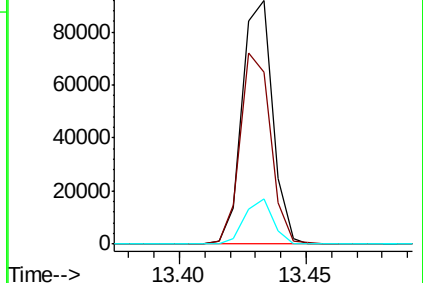
206 18.7 15.7 23.5

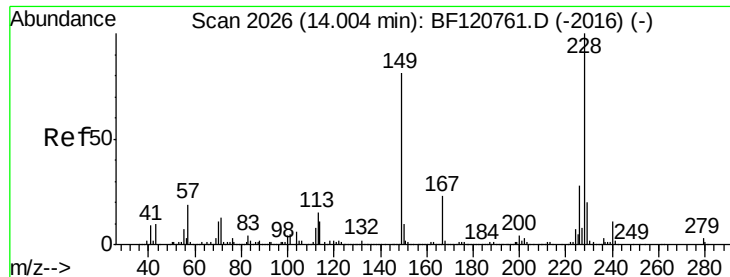


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

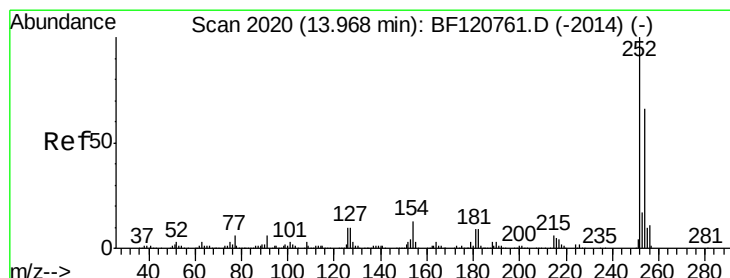
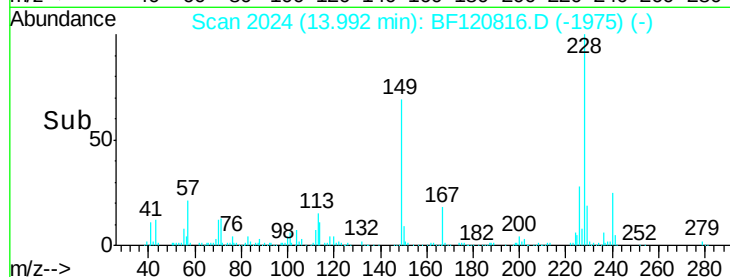
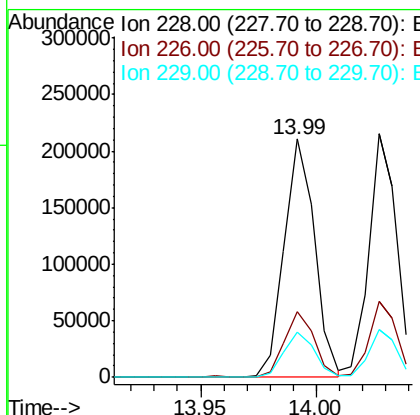
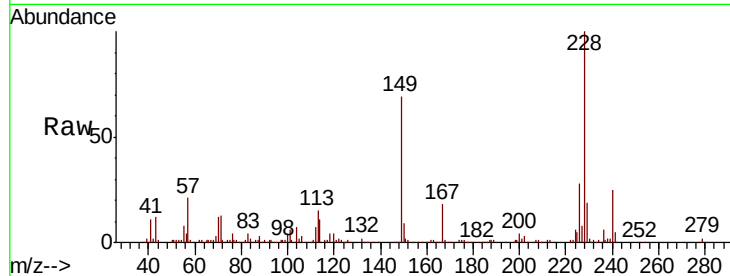




#81
Benzo(a)anthracene
Concen: 8.925 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

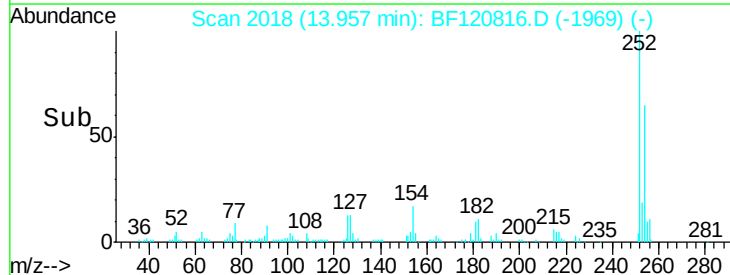
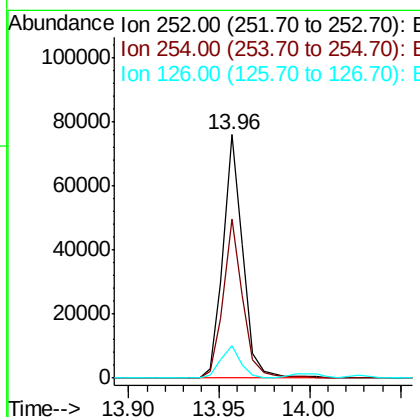
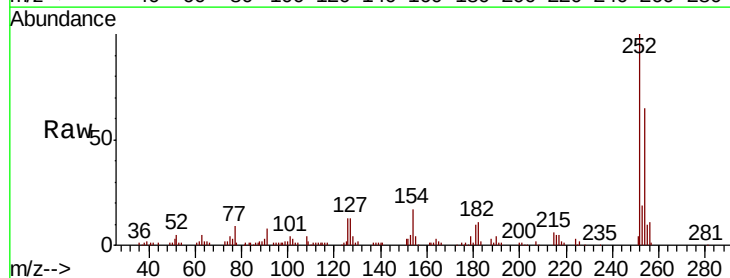
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

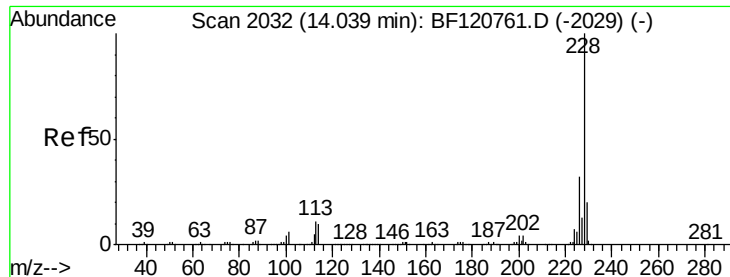
Tot Ion:228 Resp: 191637
Ion Ratio Lower Upper
228 100
226 27.8 22.6 33.8
229 19.2 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 7.983 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:252 Resp: 57841
Ion Ratio Lower Upper
252 100
254 65.2 52.6 78.8
126 13.1 7.8 11.8#





#83

Chrysene

Concen: 8.307 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

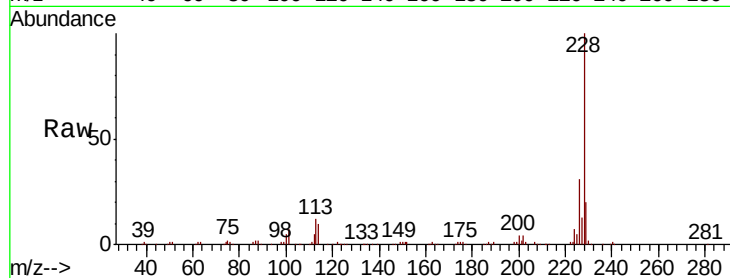
Tot Ion:228 Resp: 181933

Ion Ratio Lower Upper

228 100

226 31.2 25.7 38.5

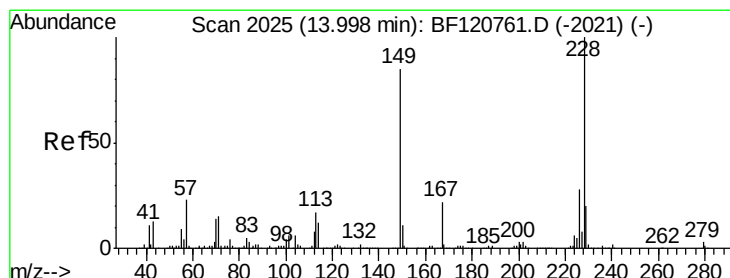
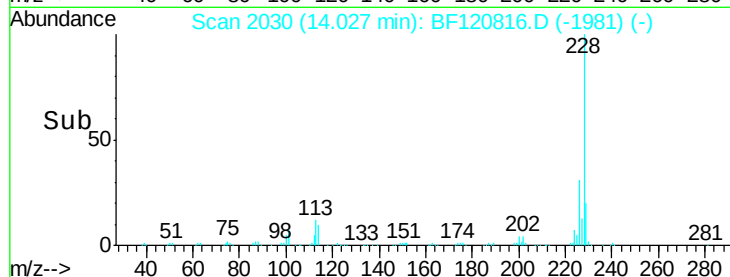
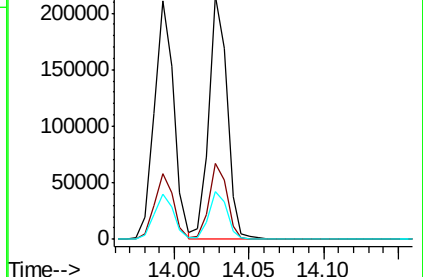
229 19.7 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.868 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

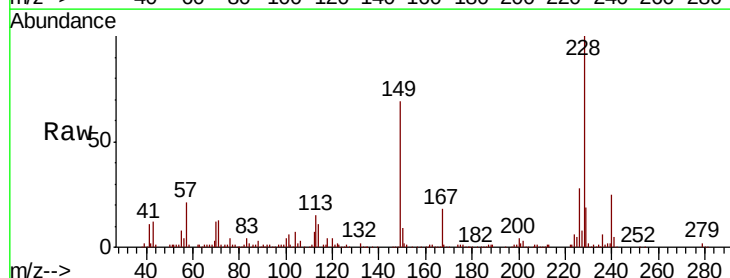
Tgt Ion:149 Resp: 119163

Ion Ratio Lower Upper

149 100

167 26.2 20.9 31.3

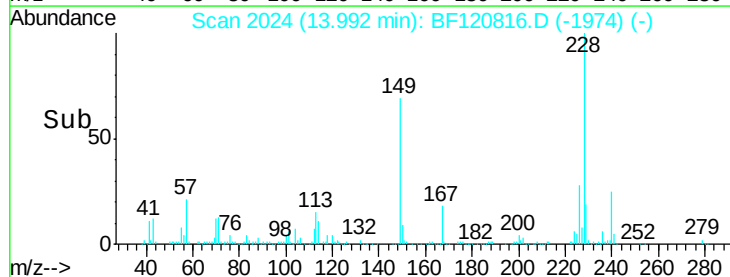
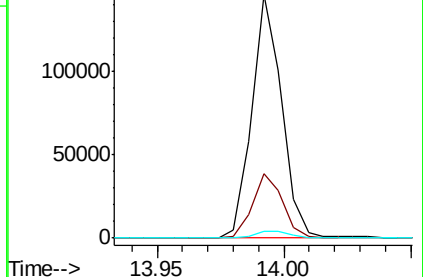
279 2.7 2.6 4.0

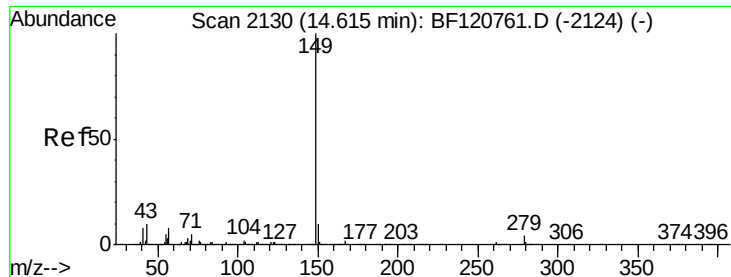


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 5.783 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

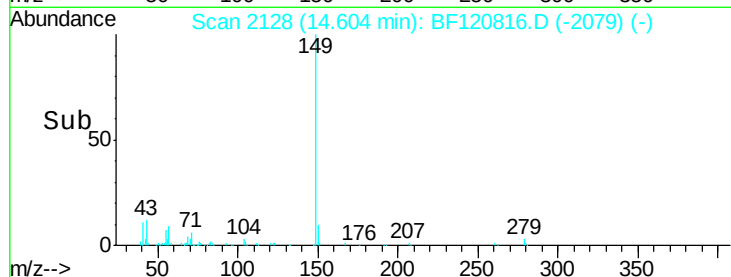
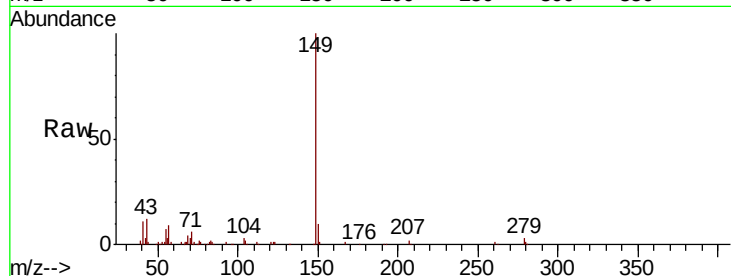
Tot Ion:149 Resp: 154958

Ion Ratio Lower Upper

149 100

167 1.2 1.2 1.8

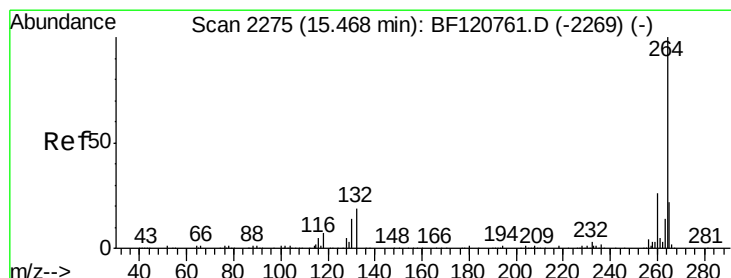
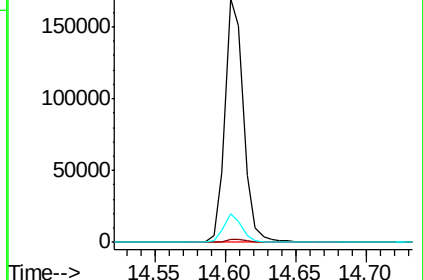
43 11.6 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

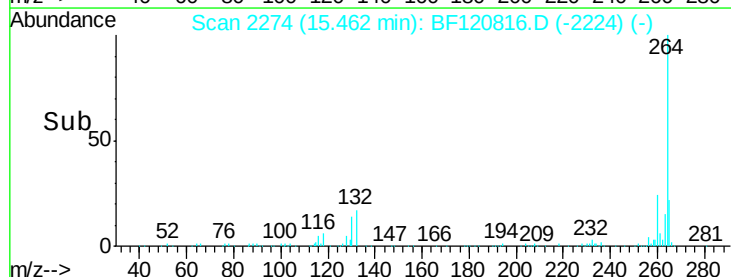
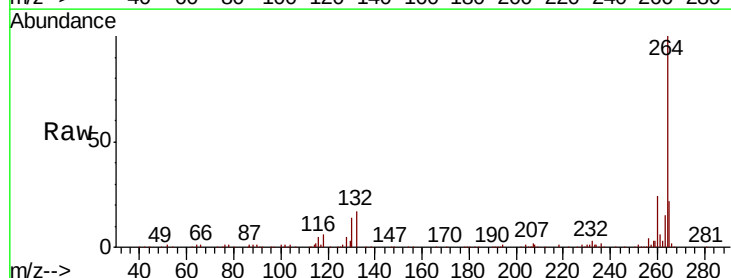
Tgt Ion:264 Resp: 271616

Ion Ratio Lower Upper

264 100

260 24.2 20.6 30.8

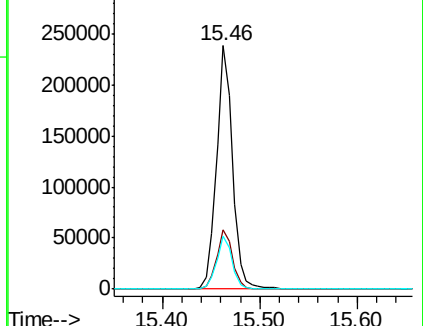
265 21.8 17.6 26.4

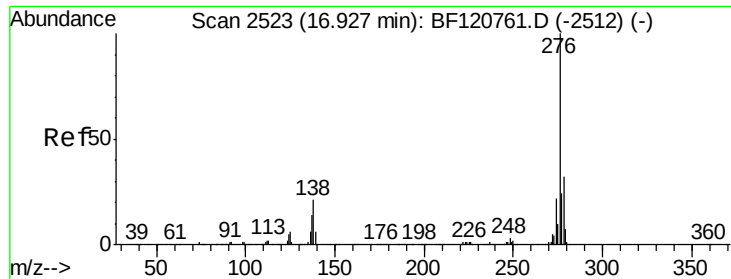


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

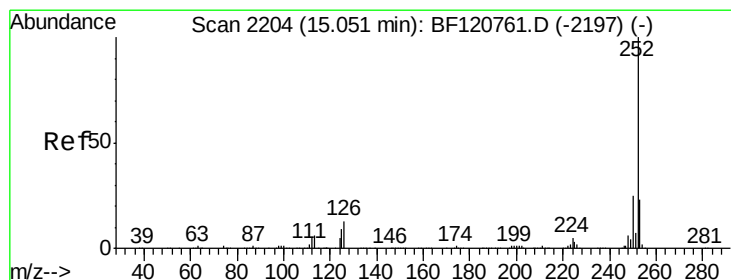
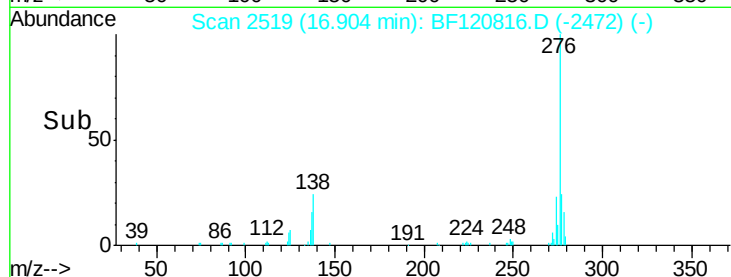
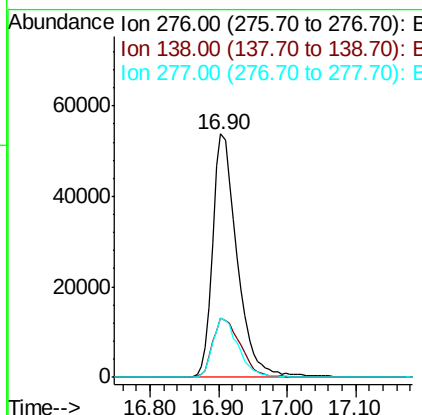
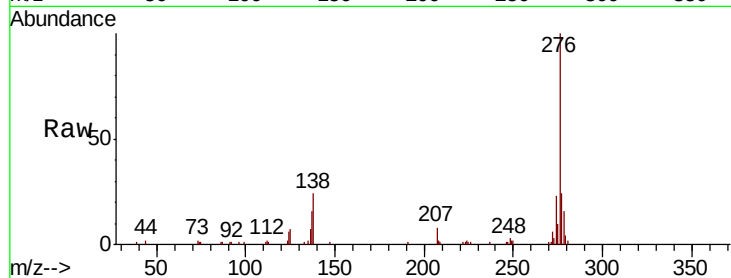




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 7.654 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

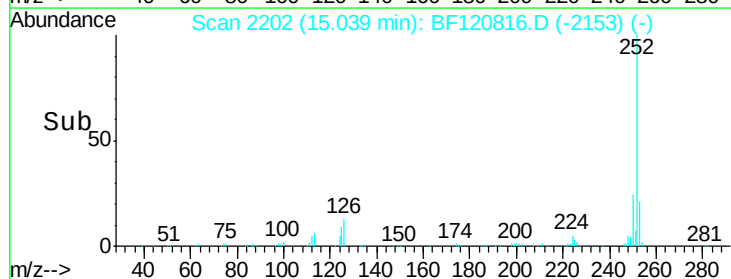
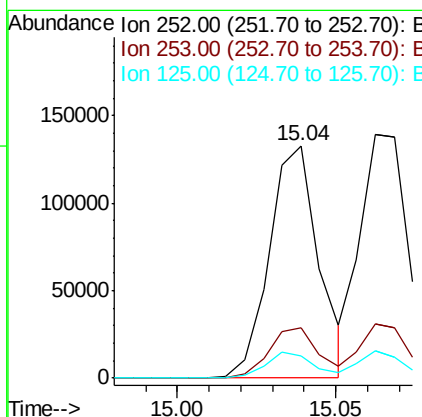
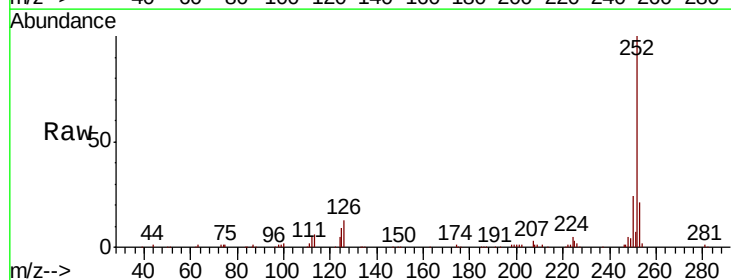
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT3-2020

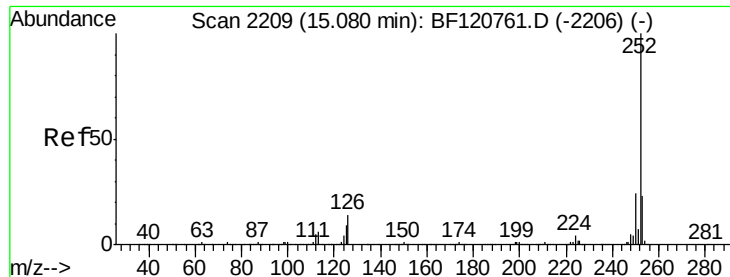
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.4	19.8	29.8
277	25.2	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 8.110 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF120816.D
 Acq: 9 Jul 2020 13:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.3	7.5	11.3

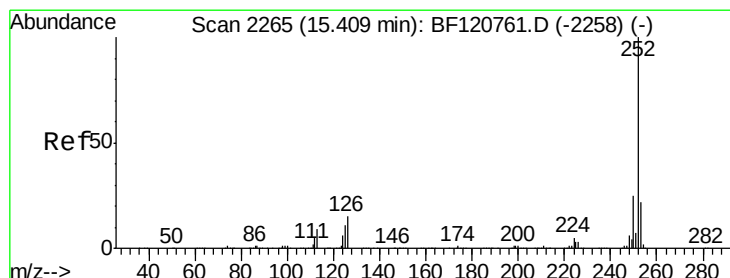
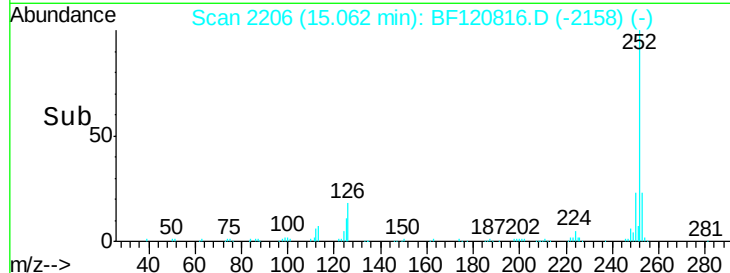
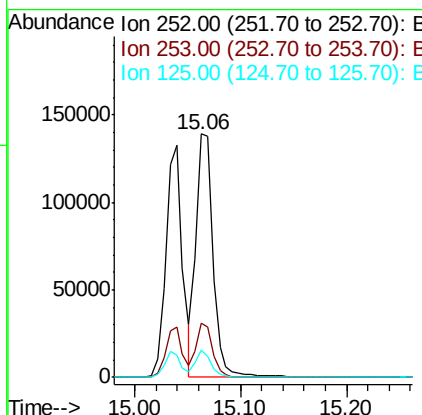
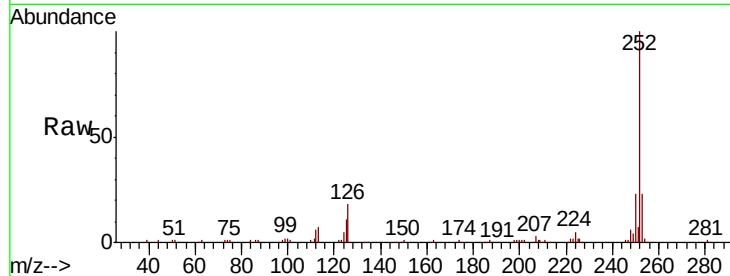




#89
Benzo(k)fluoranthene
Concen: 8.910 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

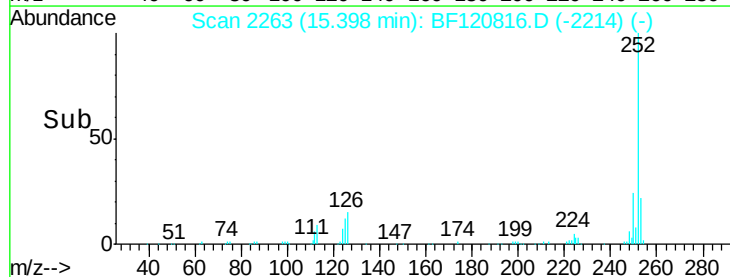
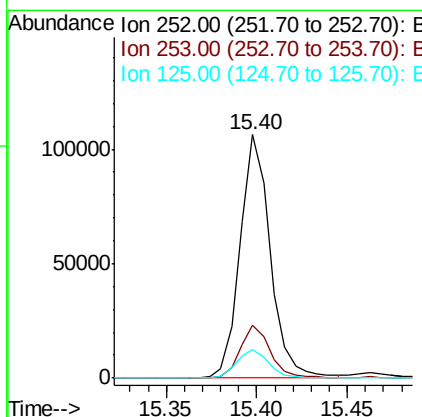
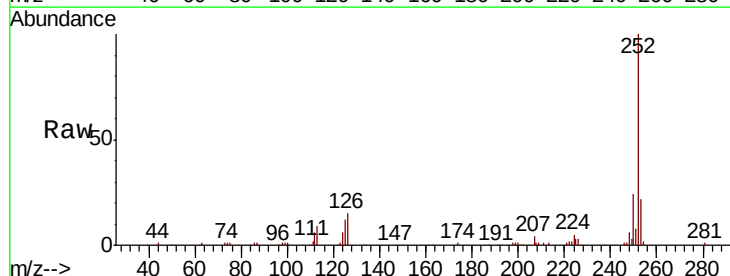
Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT3-2020

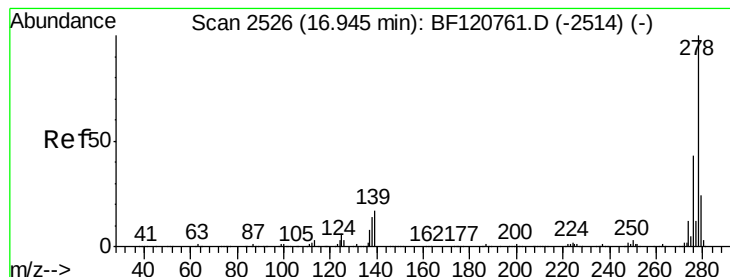
Tot Ion:252 Resp: 154808
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 11.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 7.757 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120816.D
Acq: 9 Jul 2020 13:57

Tgt Ion:252 Resp: 123565
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 11.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 7.950 ng

RT: 16.93 min Scan# 2523

Delta R.T. -0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT3-2020

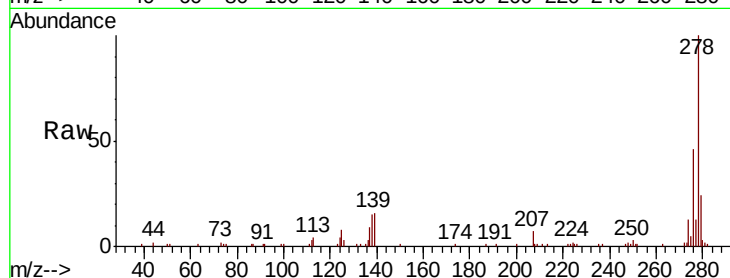
Tot Ion:278 Resp: 115443

Ion Ratio Lower Upper

278 100

139 16.0 13.3 19.9

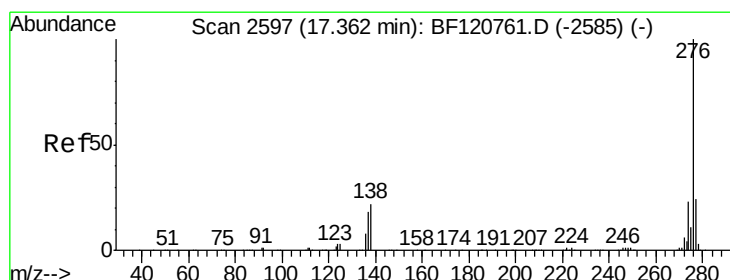
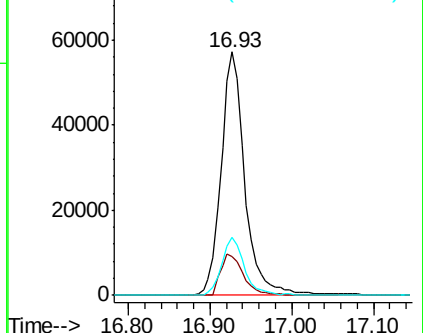
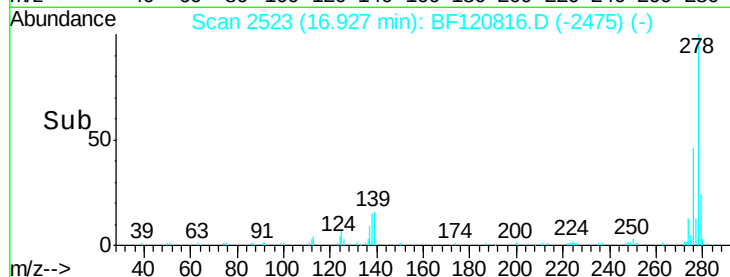
279 23.7 19.0 28.6



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: 8.362 ng

RT: 17.34 min Scan# 2593

Delta R.T. -0.02 min

Lab File: BF120816.D

Acq: 9 Jul 2020 13:57

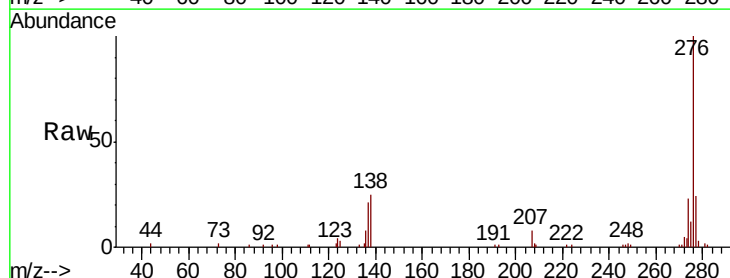
Tgt Ion:276 Resp: 110968

Ion Ratio Lower Upper

276 100

277 23.9 18.8 28.2

138 25.5 17.4 26.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

