

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120813.D
 Acq On : 9 Jul 2020 12:32
 Operator : JU/CG
 Sample : L3216-07
 Misc : LOD-MDL-WATER-4PPM
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Quant Time: Jul 09 13:05:55 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	132516	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502676	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	240701	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	422589	20.00	ng	0.00
76) Chrysene-d12	14.00	240	296302	20.00	ng	0.00
86) Perylene-d12	15.46	264	247412	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	1183298	137.84	ng	0.00
7) Phenol-d6	6.47	99	1442273	131.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	680068	78.38	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	350651	145.01	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1224220	76.95	ng	0.00
79) Terphenyl-d14	12.96	244	974151	64.37	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	17558	4.477	ng	92
3) Pyridine	3.42	79	27816	2.590	ng	95
4) n-Nitrosodimethylamine	3.27	42	17465	3.250	ng	98
6) Aniline	6.51	93	51555	3.662	ng	98
8) 2-Chlorophenol	6.63	128	33749	3.693	ng	86
9) Benzaldehyde	6.40	77	28082	4.307	ng	98
10) Phenol	6.49	94	41574	3.686	ng	96
11) bis(2-Chloroethyl)ether	6.58	93	32361	3.526	ng	96
12) 1,3-Dichlorobenzene	6.79	146	36513	3.629	ng	96
13) 1,4-Dichlorobenzene	6.86	146	37827	3.754	ng	97
14) 1,2-Dichlorobenzene	7.02	146	34909	3.642	ng	99
15) Benzyl Alcohol	6.98	79	26046	3.162	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	49011	3.424	ng	99
17) 2-Methylphenol	7.09	107	25205	3.083	ng	96
18) Hexachloroethane	7.36	117	13354	3.526	ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	22714	3.441	ng	97
20) 3+4-Methylphenols	7.24	107	32568	3.234	ng	96
22) Acetophenone	7.25	105	48283	3.864	ng	# 86
24) Nitrobenzene	7.42	77	38561	3.958	ng	95
25) Isophorone	7.66	82	59796	3.196	ng	# 93
26) 2-Nitrophenol	7.74	139	10451	2.935	ng	97
27) 2,4-Dimethylphenol	7.77	122	26859	3.596	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	38286	3.457	ng	96
29) 2,4-Dichlorophenol	7.97	162	22991	3.083	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	28318	3.381	ng	97
31) Naphthalene	8.15	128	98821	3.679	ng	98
32) Benzoic acid	7.82	122	6221	1.539	ng	89
33) 4-Chloroaniline	8.19	127	36309	3.185	ng	# 93
34) Hexachlorobutadiene	8.27	225	16405	3.257	ng	97
35) Caprolactam	8.52	113	5486	2.525	ng	89
36) 4-Chloro-3-methylphenol	8.66	107	23640	3.048	ng	96
37) 2-Methylnaphthalene	8.84	142	62761	3.594	ng	99
38) 1-Methylnaphthalene	8.94	142	57139	3.493	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	26652	3.664	ng	98

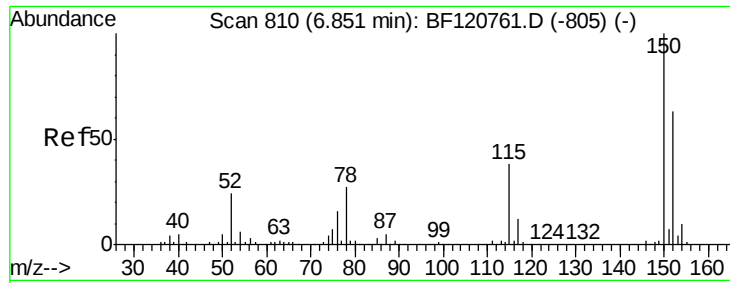
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	11825	2.751	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	14210	2.867	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	15258	2.774	nq	# 88
46) 1,1'-Biphenyl	9.30	154	80287	4.135	nq	98
47) 2-Chloronaphthalene	9.33	162	54946	3.532	nq	98
48) 2-Nitroaniline	9.42	65	12589	3.025	nq	86
49) Acenaphthylene	9.74	152	85771	3.517	nq	97
50) Dimethylphthalate	9.60	163	58957	3.358	nq	99
51) 2,6-Dinitrotoluene	9.66	165	9762	3.077	nq	89
52) Acenaphthene	9.92	154	51357	3.395	nq	97
53) 3-Nitroaniline	9.82	138	11231	2.866	nq	91
54) 2,4-Dinitrophenol	9.93	184	802	0.766	nq	# 2
55) Dibenzofuran	10.09	168	78623	3.605	nq	99
56) 4-Nitrophenol	9.97	139	6323	2.197	nq	92
57) 2,4-Dinitrotoluene	10.06	165	11145	2.926	nq	# 93
58) Fluorene	10.43	166	58344	3.594	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	11920	2.912	nq	# 87
60) Diethylphthalate	10.30	149	57792	3.160	nq	97
61) 4-Chlorophenyl-phenylether	10.42	204	27638	3.387	nq	91
62) 4-Nitroaniline	10.43	138	10525	2.821	nq	95
63) Azobenzene	10.58	77	63086	3.372	nq	92
65) 4,6-Dinitro-2-methylphenol	10.46	198	1981	1.459	nq	95
66) n-Nitrosodiphenylamine	10.54	169	47812	3.376	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	14539	2.966	nq	92
68) Hexachlorobenzene	10.97	284	16941	3.293	nq	93
69) Atrazine	11.06	200	12615	3.457	nq	96
70) Pentachlorophenol	11.17	266	5497	1.889	nq	91
71) Phenanthrene	11.39	178	81895	3.572	nq	98
72) Anthracene	11.44	178	79778	3.443	nq	98
73) Carbazole	11.59	167	71375	3.206	nq	98
74) Di-n-butylphthalate	11.93	149	70869	2.571	nq	99
75) Fluoranthene	12.57	202	73845	3.023	nq	99
77) Benzidine	12.70	184	23417	2.800	nq	# 94
78) Pyrene	12.80	202	79717	3.369	nq	97
80) Butylbenzylphthalate	13.43	149	21543	2.109	nq	98
81) Benzo(a)anthracene	13.99	228	64282	3.384	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	16045	2.503	nq	# 96
83) Chrysene	14.03	228	64428	3.326	nq	95
84) Bis(2-ethylhexyl)phthalate	13.99	149	33187	2.477	nq	# 97
85) Di-n-octyl phthalate	14.60	149	36912	1.557	nq	# 94
87) Indeno(1,2,3-cd)pyrene	16.90	276	44563	2.808	nq	97
88) Benzo(b)fluoranthene	15.06	252	50725	3.119	nq	98
89) Benzo(k)fluoranthene	15.06	252	50725	3.205	nq	98
90) Benzo(a)pyrene	15.40	252	39706	2.737	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	37828	2.860	nq	98
92) Benzo(g,h,i)perylene	17.34	276	36963	3.058	nq	98

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

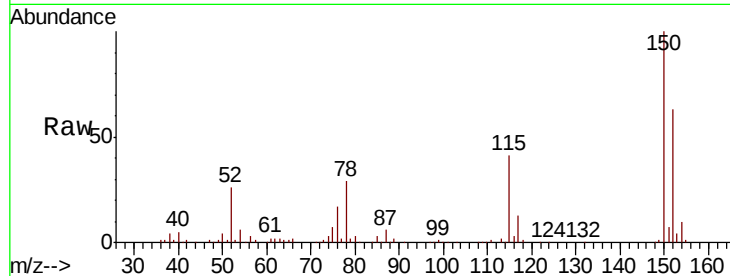


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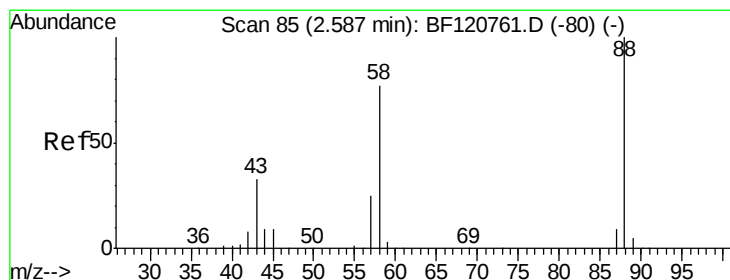
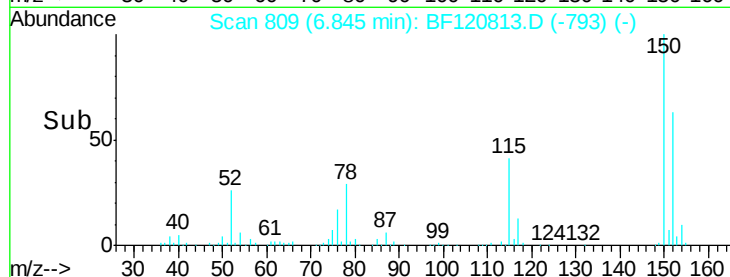
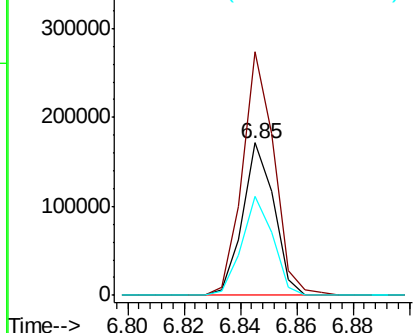
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:152 Resp: 132516
Ion Ratio Lower Upper
152 100
150 159.9 126.1 189.1
115 65.0 48.5 72.7



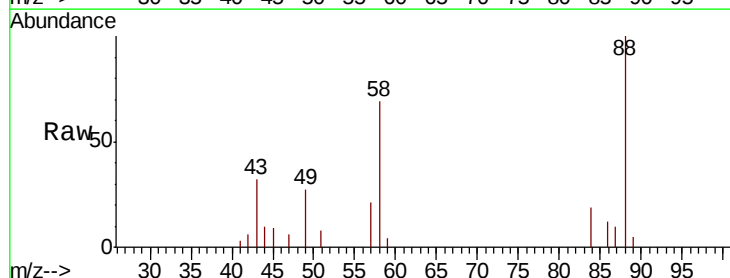
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



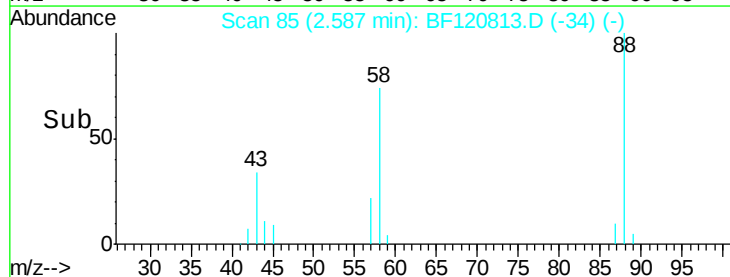
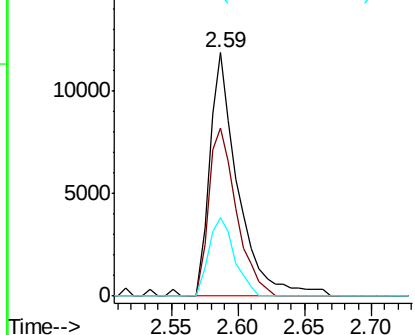
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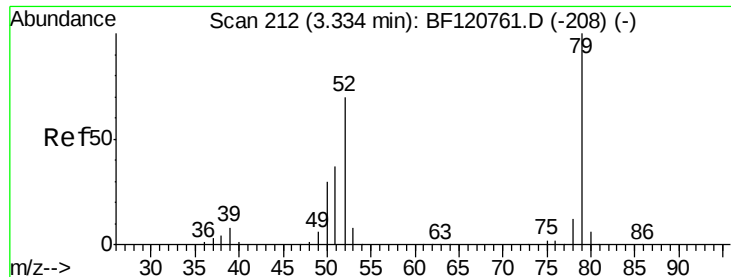
1,4-Dioxane
Concen: 4.477 ng
RT: 2.59 min Scan# 85
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion: 88 Resp: 17558
Ion Ratio Lower Upper
88 100
58 67.5 60.4 90.6
43 29.5 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: 2.590 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

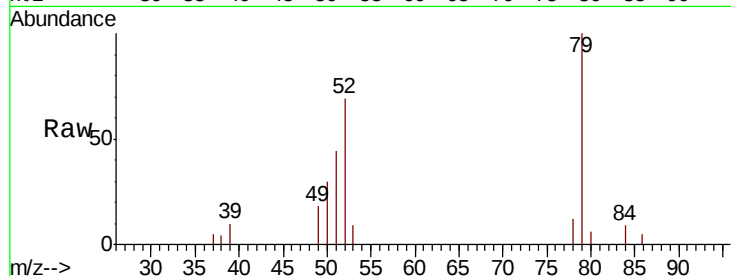
Tot Ion: 79 Resp: 27816

Ion Ratio Lower Upper

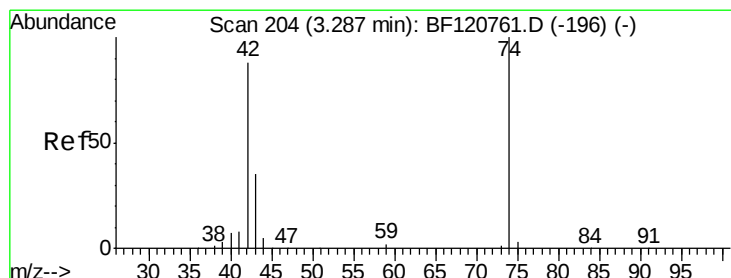
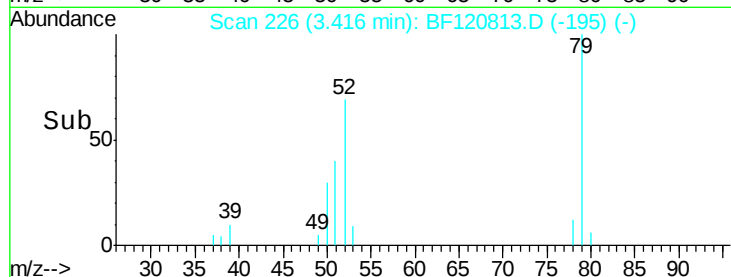
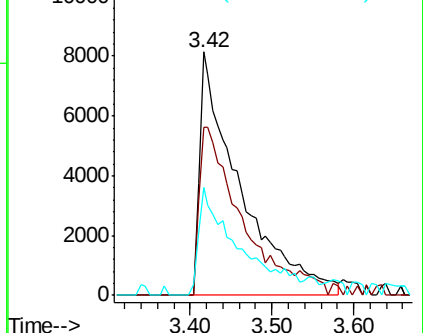
79 100

52 69.0 56.3 84.5

51 44.3 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: 3.250 ng

RT: 3.27 min Scan# 201

Delta R.T. -0.02 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

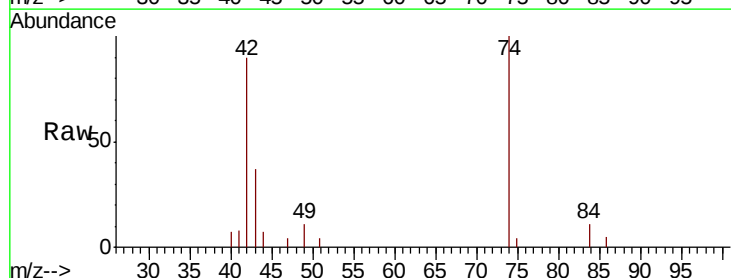
Tgt Ion: 42 Resp: 17465

Ion Ratio Lower Upper

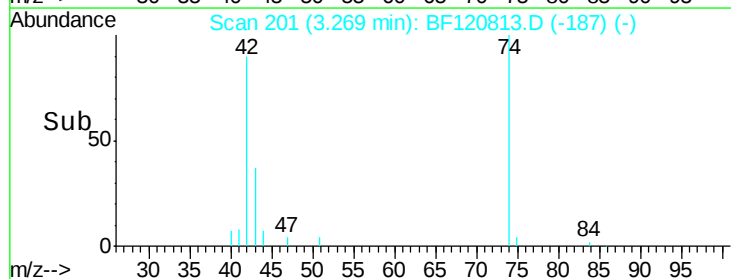
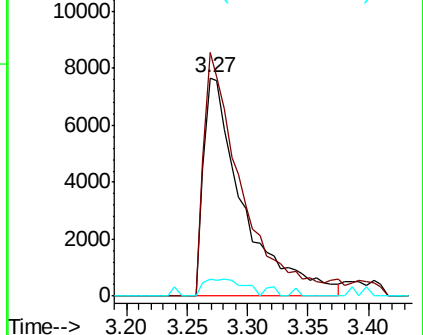
42 100

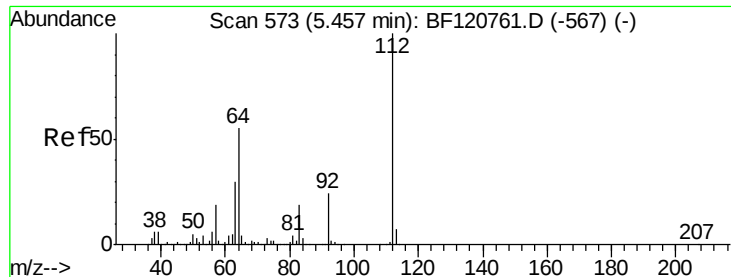
74 111.4 90.8 136.2

44 7.5 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: 137.840 ng

RT: 5.46 min Scan# 573

Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

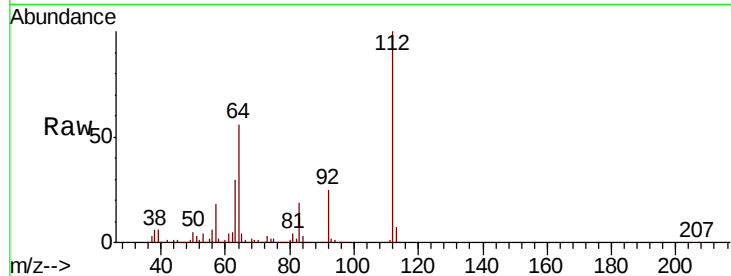
Tot Ion:112 Resp: 1183298

Ion Ratio Lower Upper

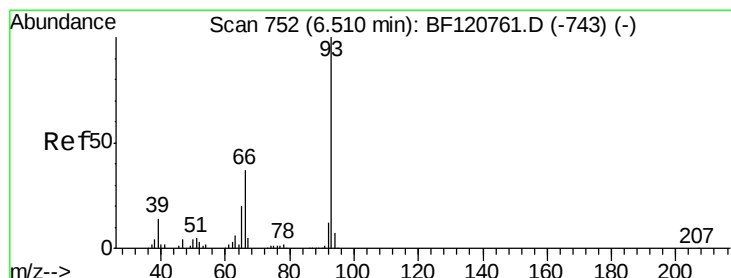
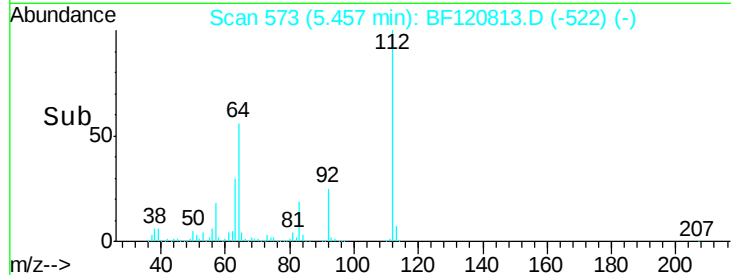
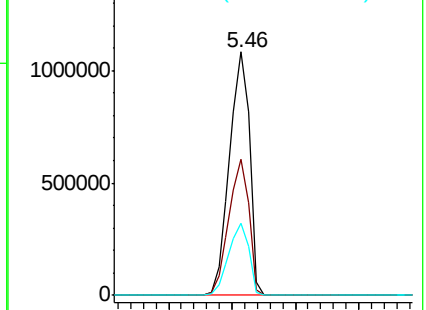
112 100

64 55.9 43.8 65.6

63 29.8 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: 3.662 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

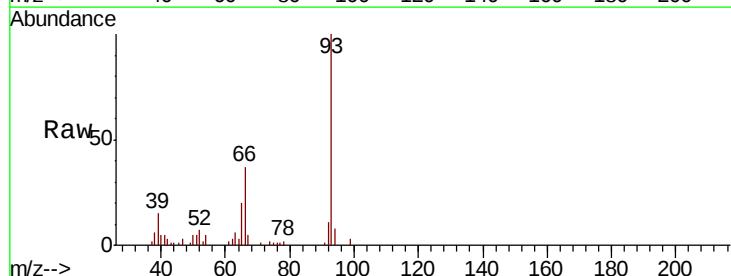
Tgt Ion: 93 Resp: 51555

Ion Ratio Lower Upper

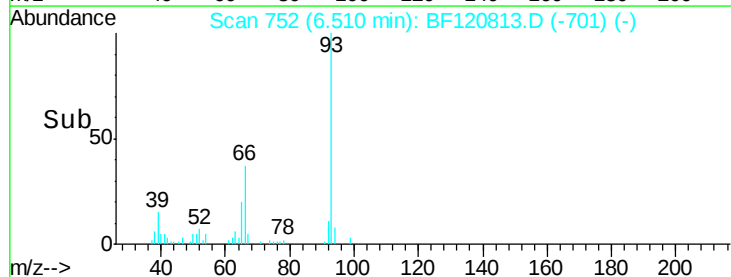
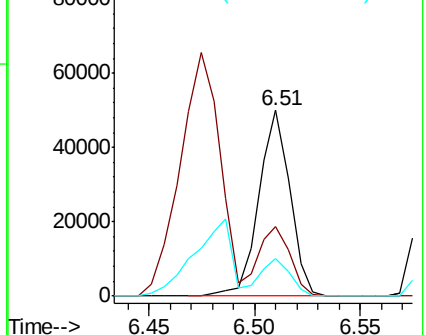
93 100

66 37.4 31.3 46.9

65 20.2 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: 131.560 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

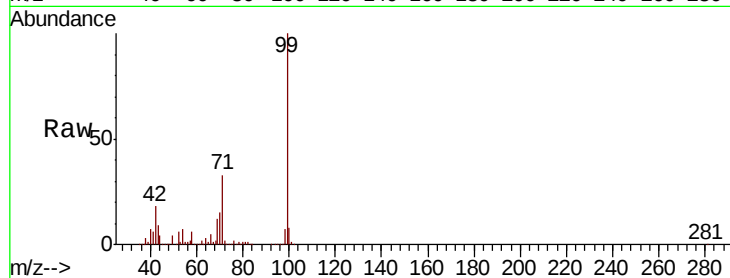
Tot Ion: 99 Resp: 1442273

Ion Ratio Lower Upper

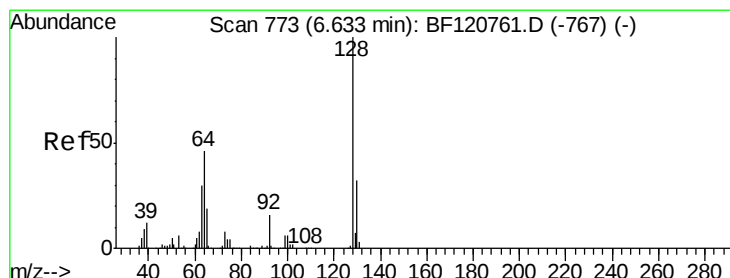
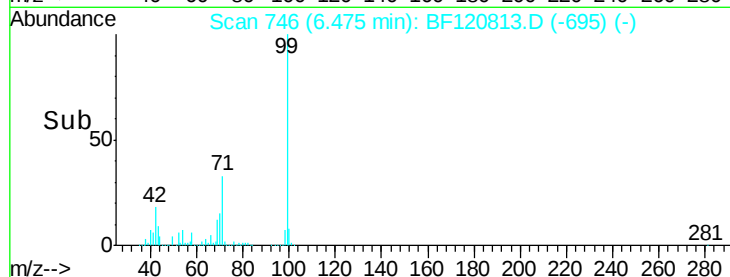
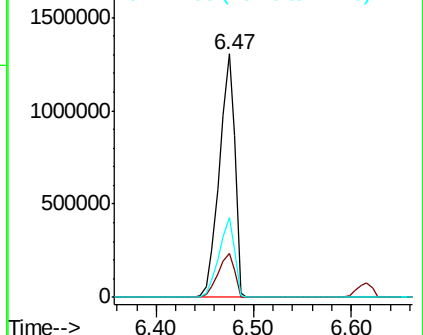
99 100

42 18.1 15.4 23.0

71 32.8 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: 3.693 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

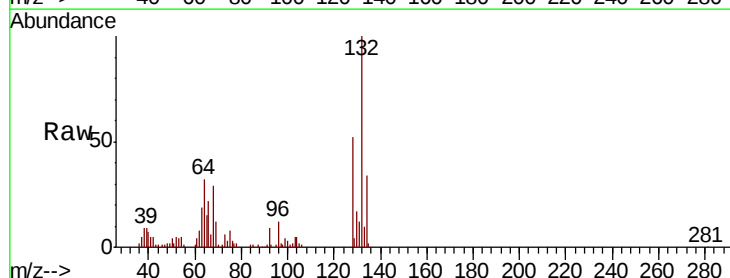
Tgt Ion:128 Resp: 33749

Ion Ratio Lower Upper

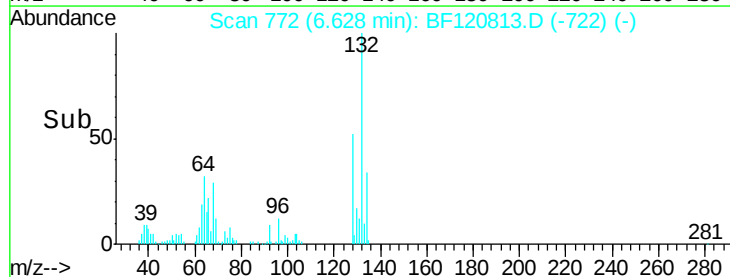
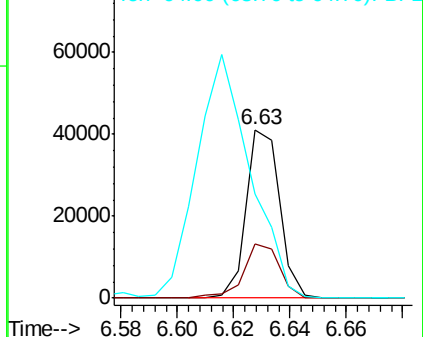
128 100

130 31.9 12.1 52.1

64 62.0 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

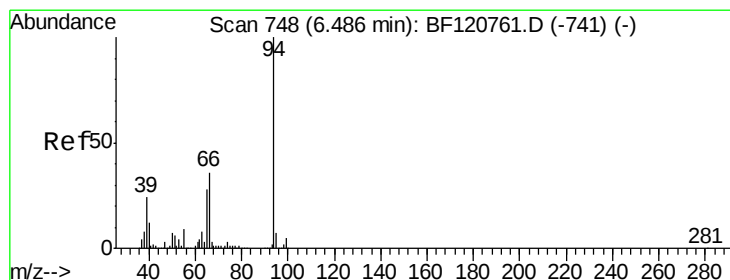
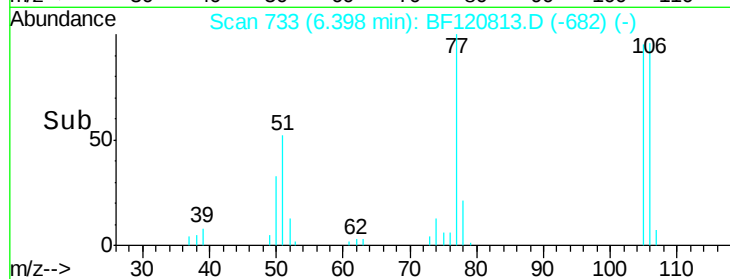
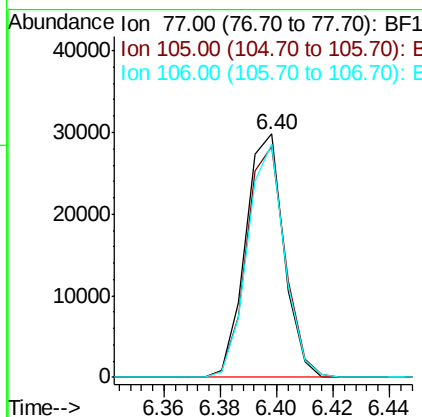
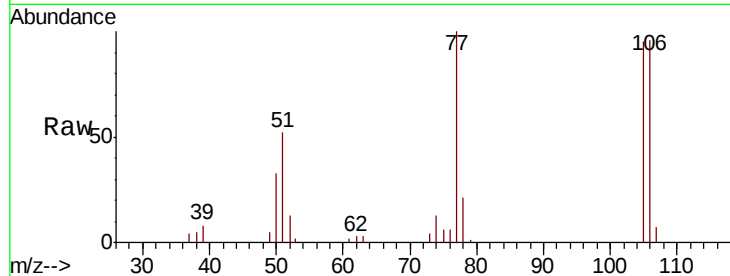




#9
Benzaldehyde
Concen: 4.307 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

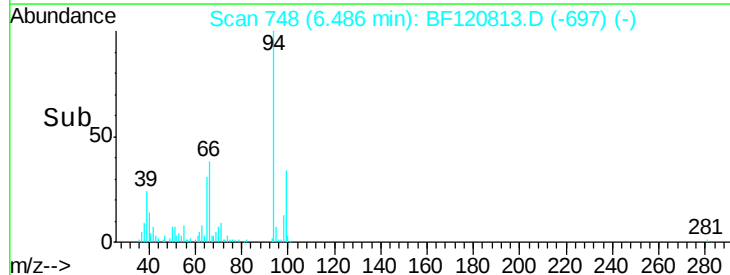
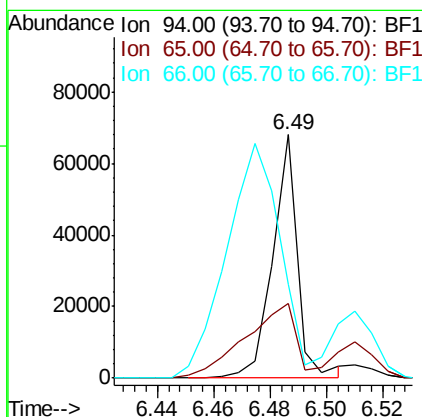
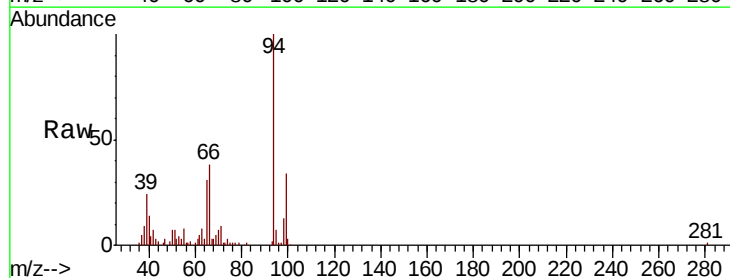
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

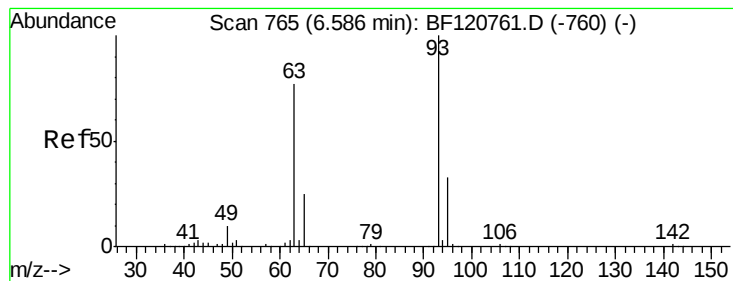
Tot Ion: 77 Resp: 28082
Ion Ratio Lower Upper
77 100
105 94.6 76.8 116.8
106 95.7 73.8 113.8



#10
Phenol
Concen: 3.686 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion: 94 Resp: 41574
Ion Ratio Lower Upper
94 100
65 30.6 8.4 48.4
66 38.4 16.5 56.5

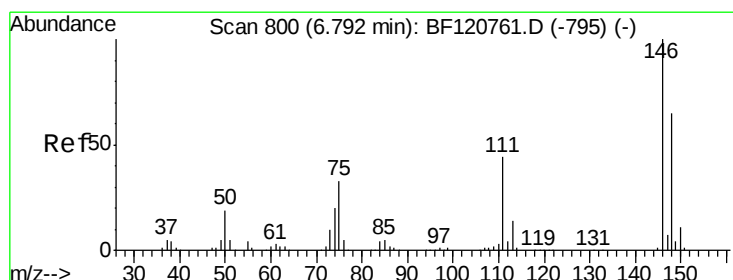
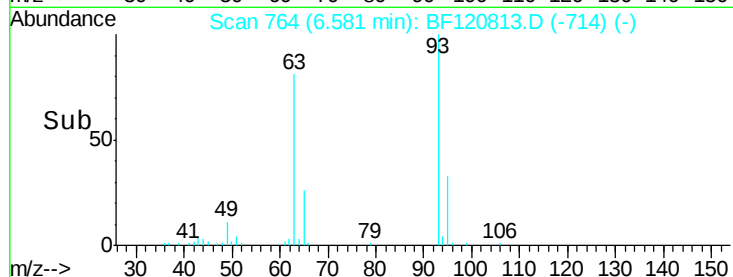
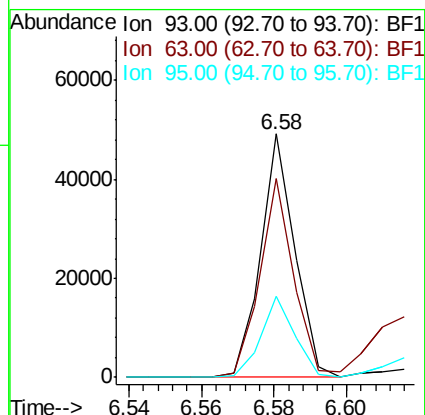
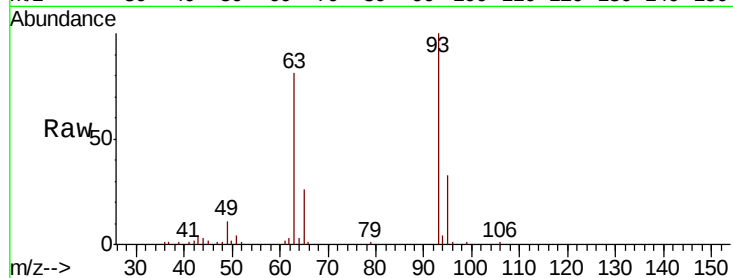




#11
 bis(2-Chloroethyl)ether
 Concen: 3.526 ng
 RT: 6.58 min Scan# 764
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

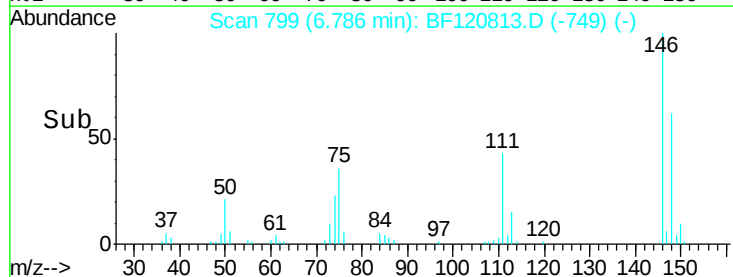
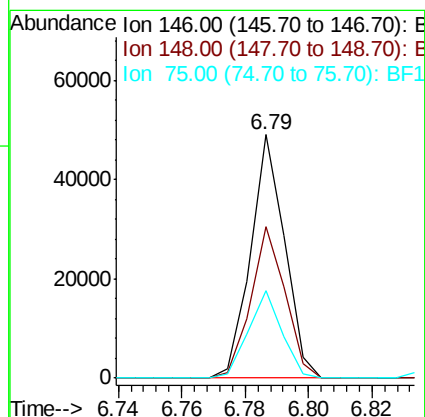
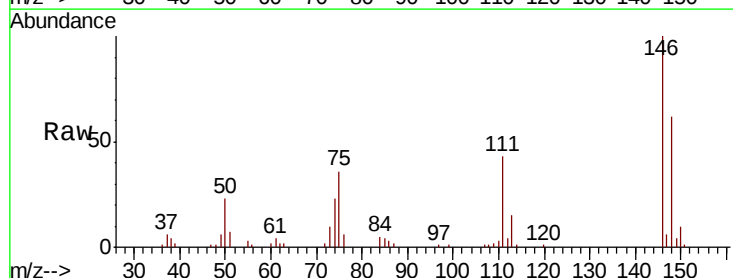
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

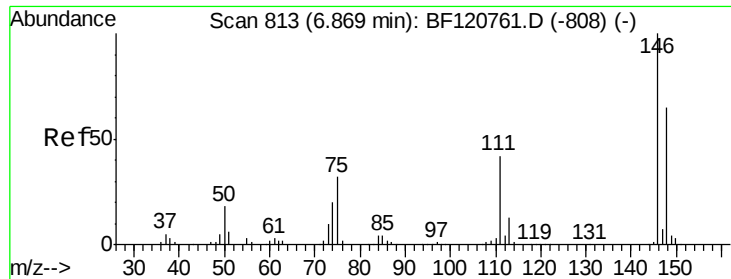
Tot Ion: 93 Resp: 32361
 Ion Ratio Lower Upper
 93 100
 63 81.4 56.9 96.9
 95 33.4 13.3 53.3



#12
 1,3-Dichlorobenzene
 Concen: 3.629 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion: 146 Resp: 36513
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.1 78.1
 75 36.0 26.0 39.0

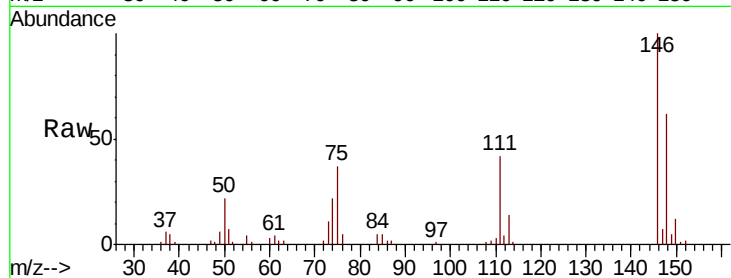




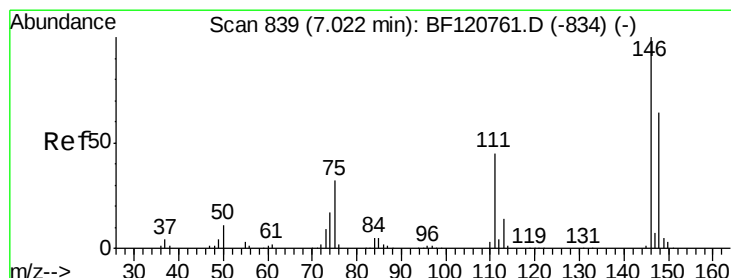
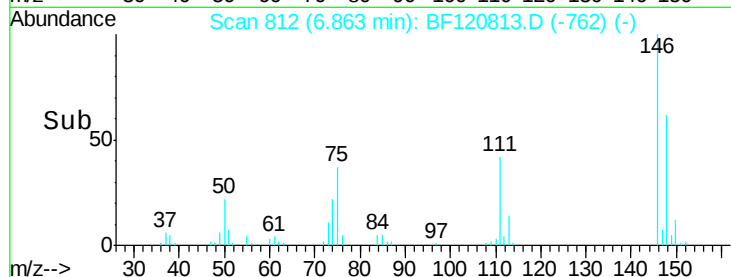
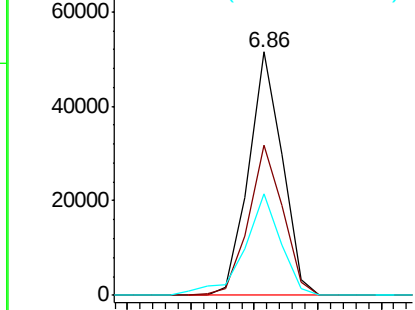
#13
 1,4-Dichlorobenzene
 Concen: 3.754 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:146 Resp: 37827
 Ion Ratio Lower Upper
 146 100
 148 61.7 51.8 77.6
 111 41.6 33.7 50.5

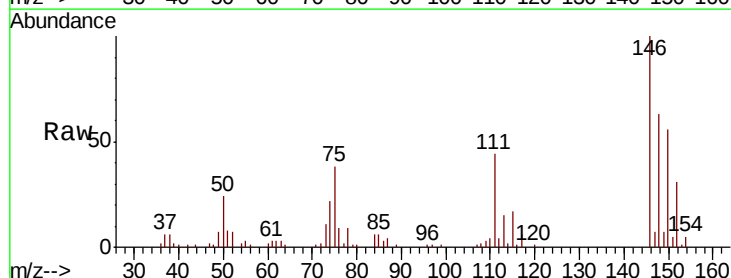


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

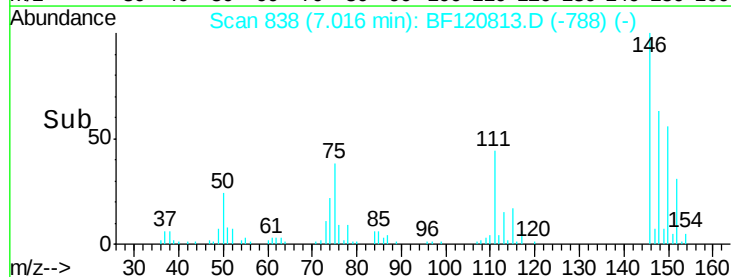
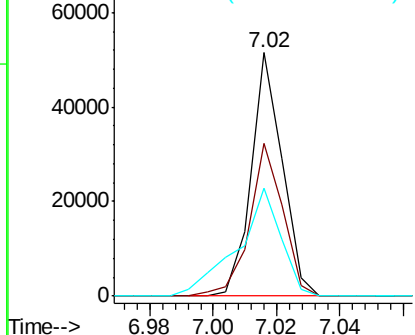


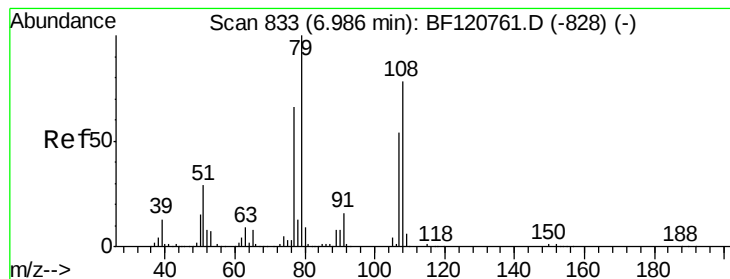
#14
 1,2-Dichlorobenzene
 Concen: 3.642 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:146 Resp: 34909
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.0 76.4
 111 44.3 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: 3.162 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

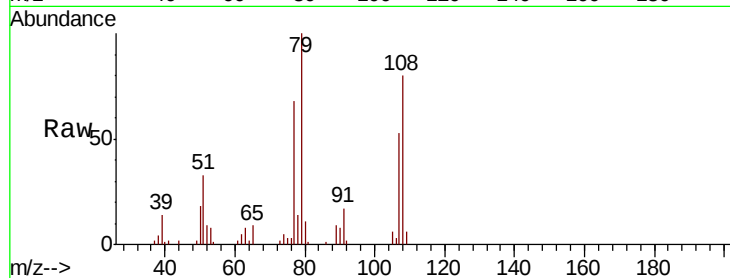
Tot Ion: 79 Resp: 26046

Ion Ratio Lower Upper

79 100

108 80.0 62.4 93.6

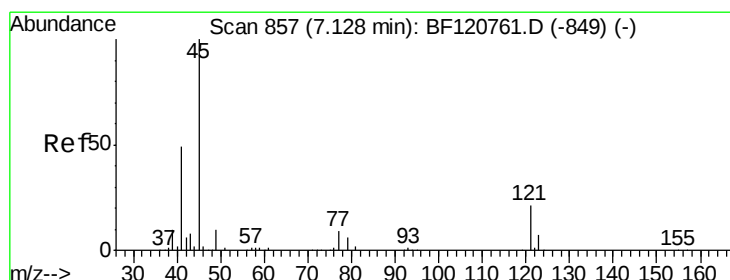
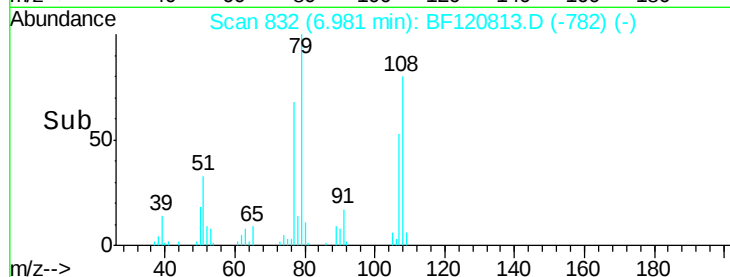
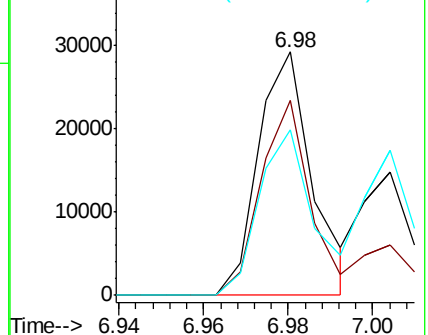
77 68.0 52.7 79.1



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 3.424 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

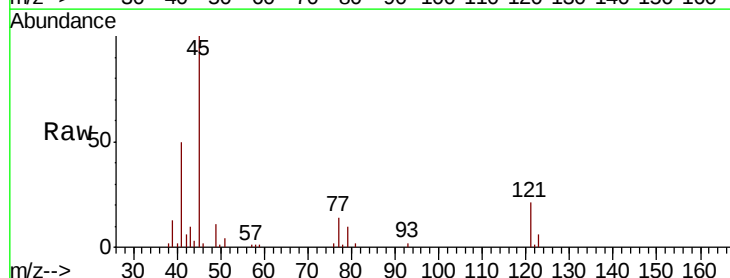
Tgt Ion: 45 Resp: 49011

Ion Ratio Lower Upper

45 100

77 13.5 0.0 33.7

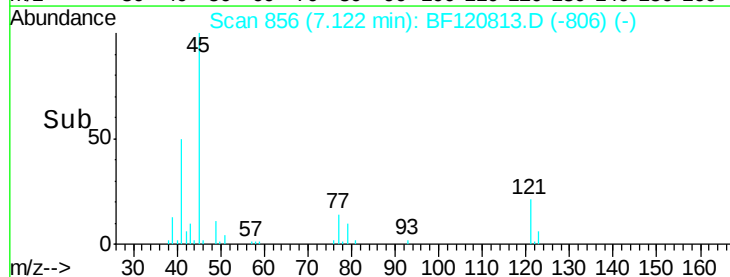
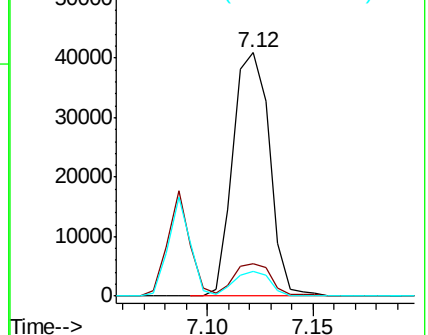
79 9.9 0.0 30.5

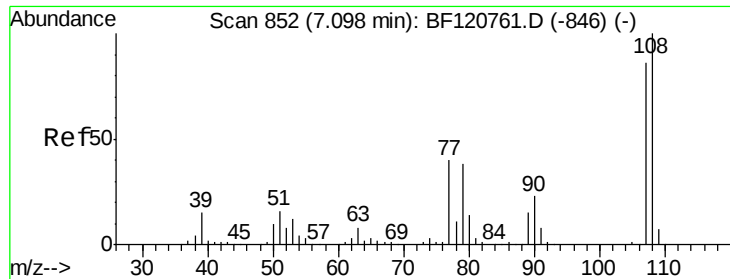


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

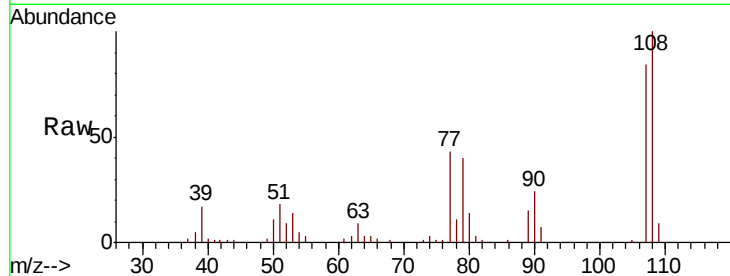




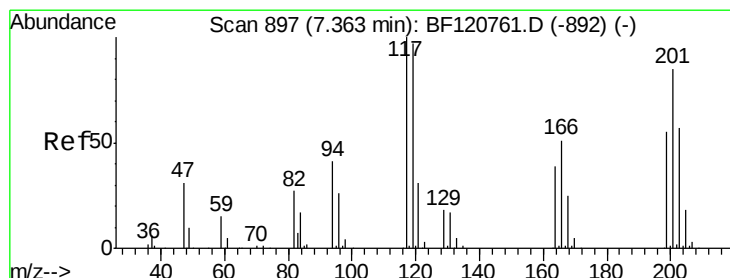
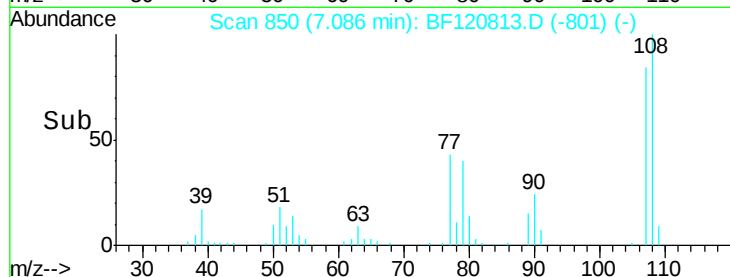
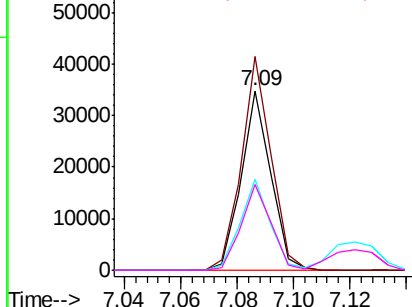
#17
2-Methylphenol
Concen: 3.083 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:107 Resp: 25205
Ion Ratio Lower Upper
107 100
108 119.0 93.1 139.7
77 50.9 37.3 55.9
79 48.1 35.3 52.9

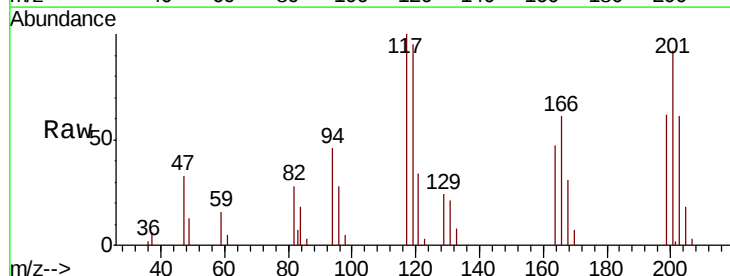


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

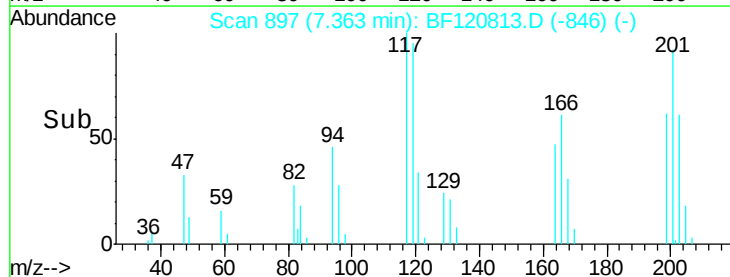
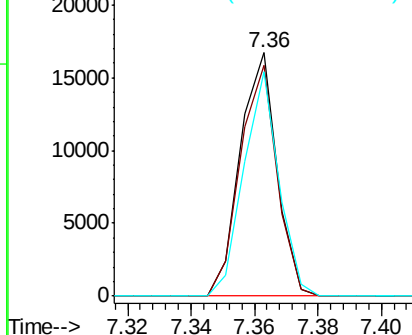


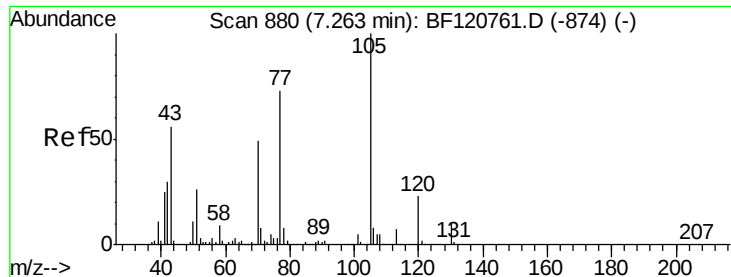
#18
Hexachloroethane
Concen: 3.526 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:117 Resp: 13354
Ion Ratio Lower Upper
117 100
119 94.7 77.9 116.9
201 94.3 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

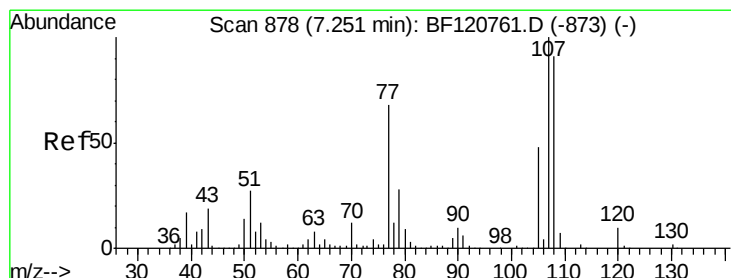
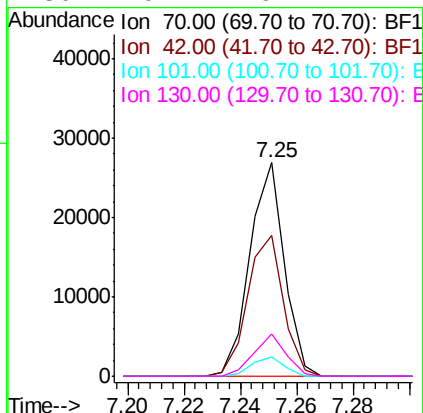
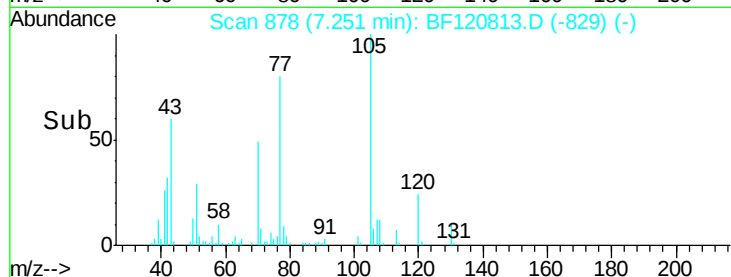
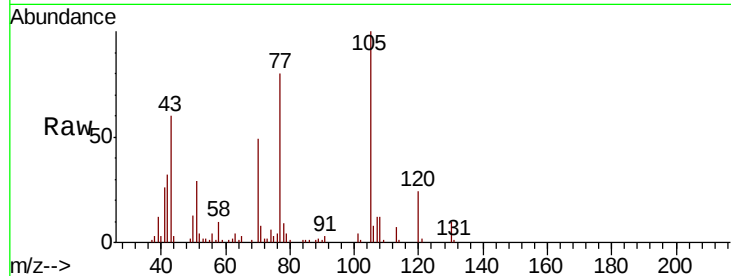




#19
n-Nitroso-di-n-propylamine
Concen: 3.441 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

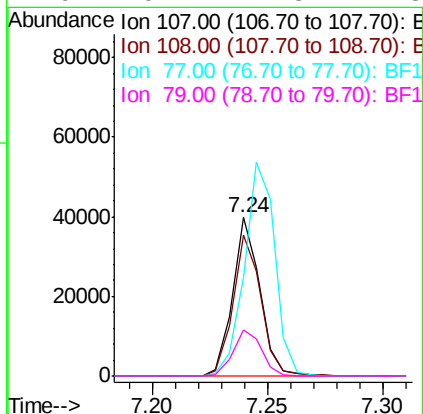
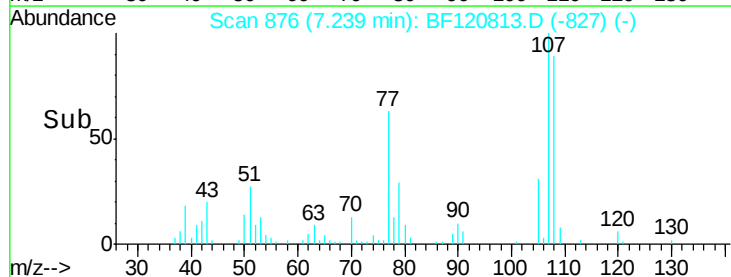
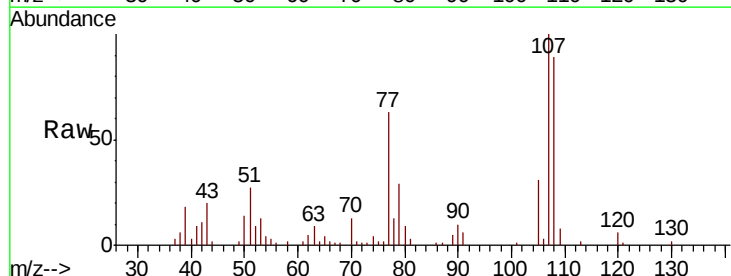
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

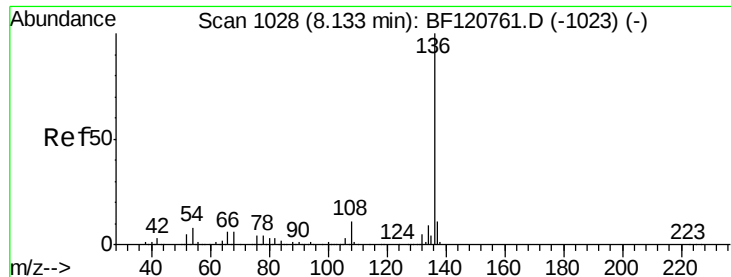
Tot Ion:	70	Resp:	22714
Ion	Ratio	Lower	Upper
70	100		
42	66.2	50.3	75.5
101	9.1	7.5	11.3
130	19.7	16.1	24.1



#20
3+4-Methylphenols
Concen: 3.234 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:	107	Resp:	32568
Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.9	110.9
77	62.6	48.3	88.3
79	29.1	7.8	47.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:136 Resp: 502676

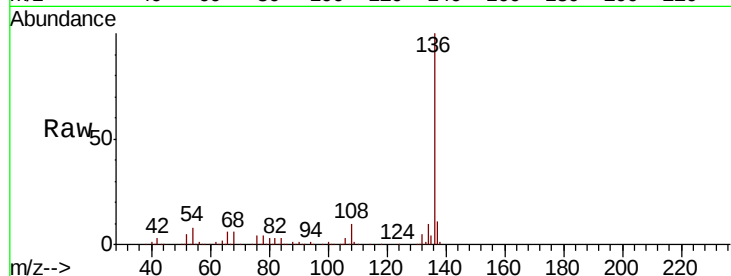
Ion Ratio Lower Upper

136 100

137 11.3 9.0 13.6

54 8.0 6.2 9.4

68 5.7 4.7 7.1

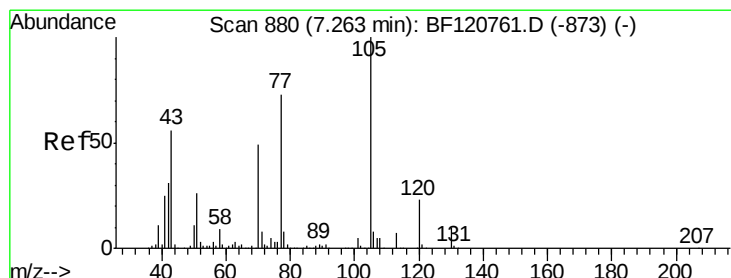
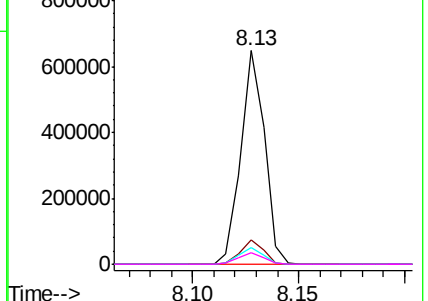
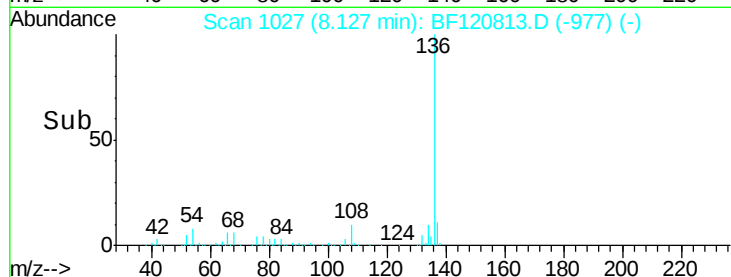


Abundance Ion 136.00 (135.70 to 136.70): E

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: 3.864 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion:105 Resp: 48283

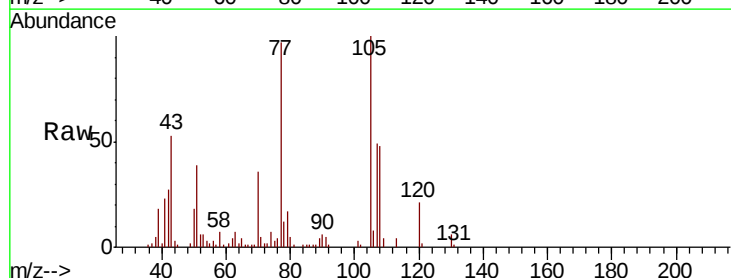
Ion Ratio Lower Upper

105 100

71 5.4 6.5 9.7#

51 38.6 21.0 31.4#

120 21.1 18.6 28.0

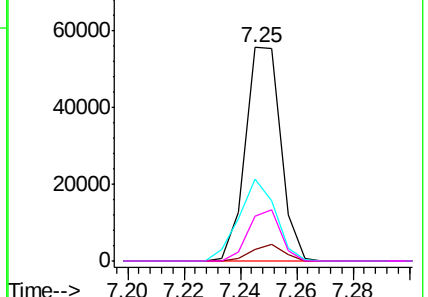
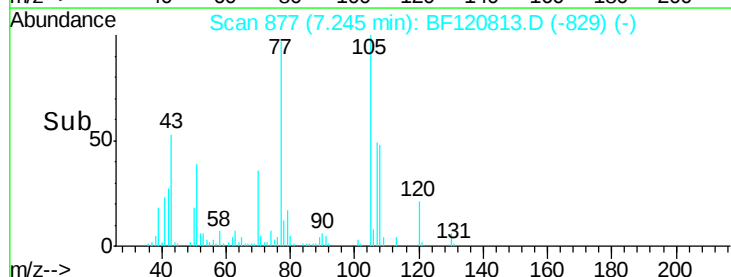


Abundance Ion 105.00 (104.70 to 105.70): E

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

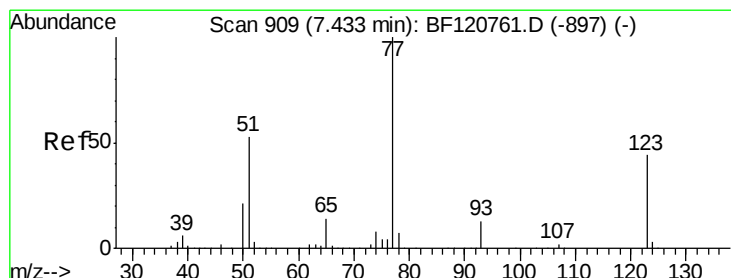
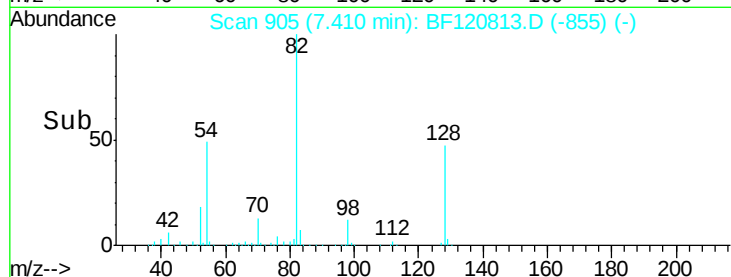
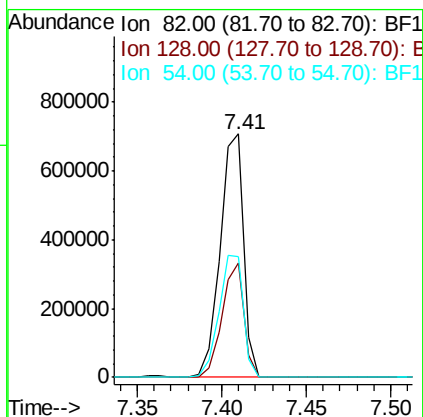
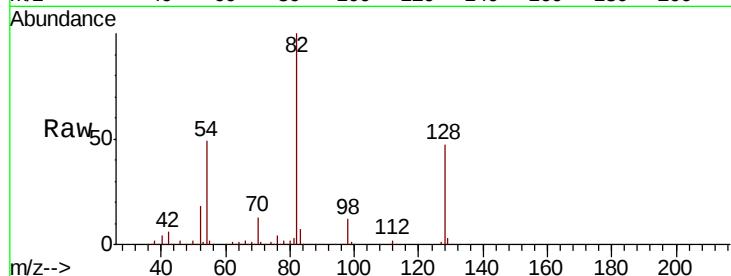




#23
 Nitrobenzene-d5
 Concen: 78.384 ng
 RT: 7.41 min Scan# 905
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

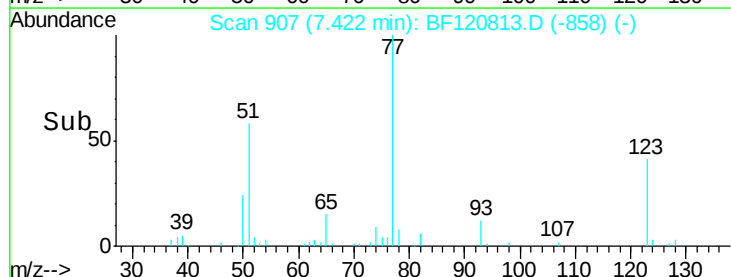
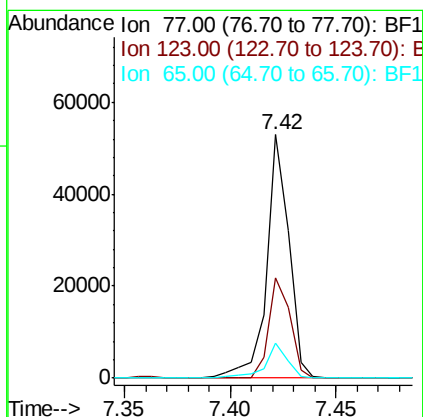
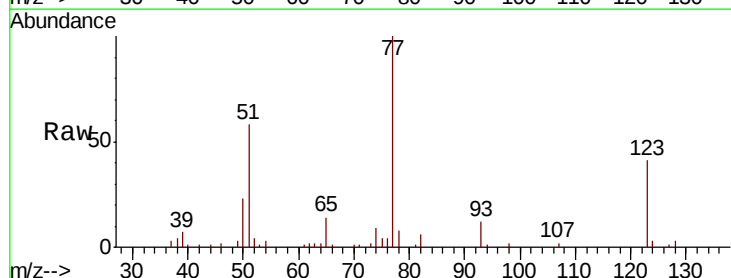
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

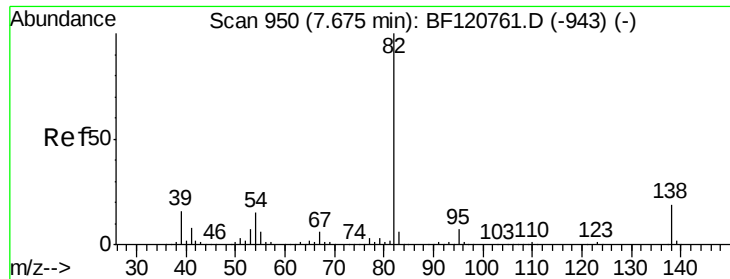
Tot Ion: 82 Resp: 680068
 Ion Ratio Lower Upper
 82 100
 128 47.0 35.7 53.5
 54 49.3 40.9 61.3



#24
 Nitrobenzene
 Concen: 3.958 ng
 RT: 7.42 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion: 77 Resp: 38561
 Ion Ratio Lower Upper
 77 100
 123 41.3 36.1 54.1
 65 14.4 11.0 16.4





#25

Isophorone

Concen: 3.196 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

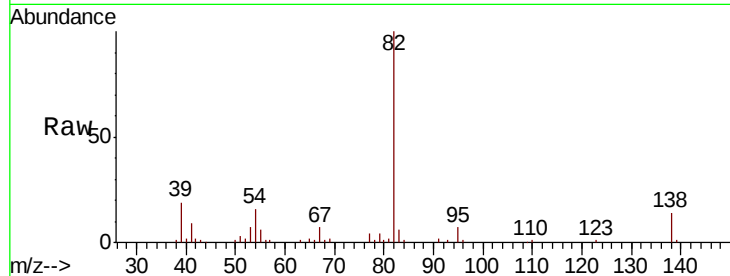
Tot Ion: 82 Resp: 59796

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

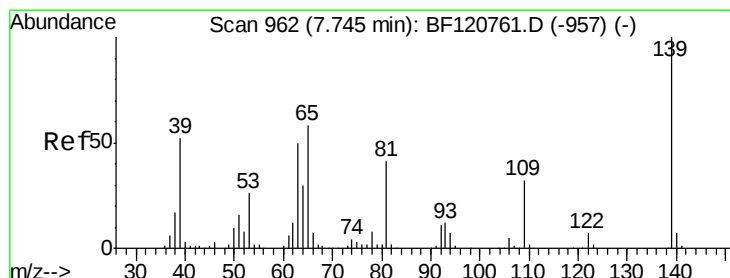
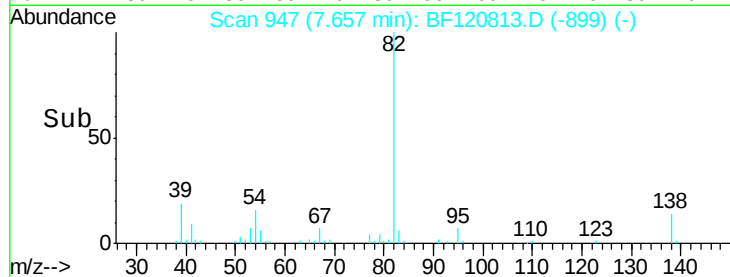
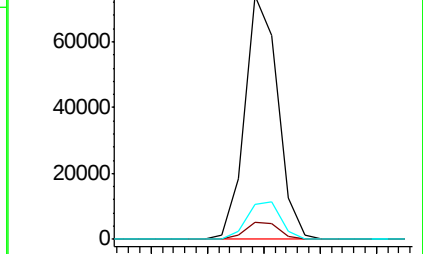
138 14.2 15.0 22.4#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 2.935 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

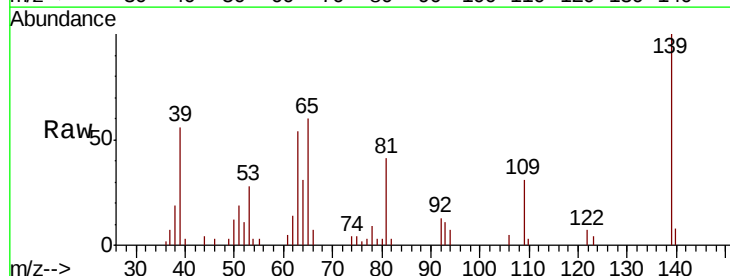
Tgt Ion: 139 Resp: 10451

Ion Ratio Lower Upper

139 100

109 30.5 25.3 37.9

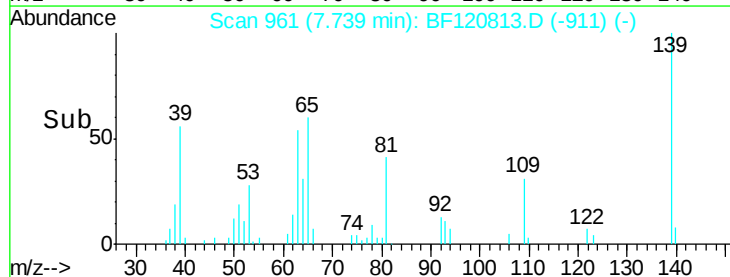
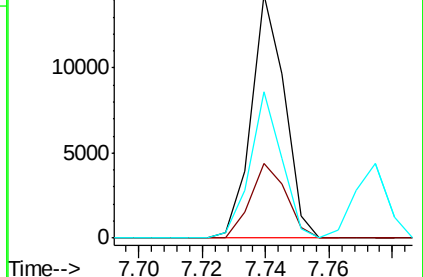
65 60.1 46.2 69.2

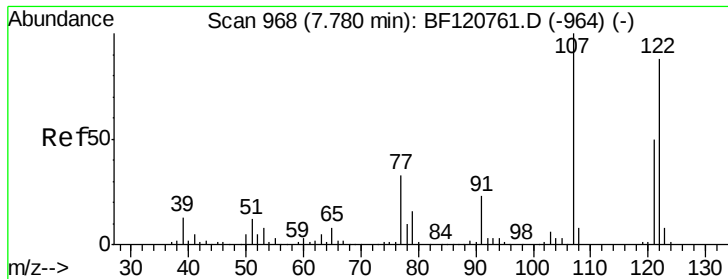


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

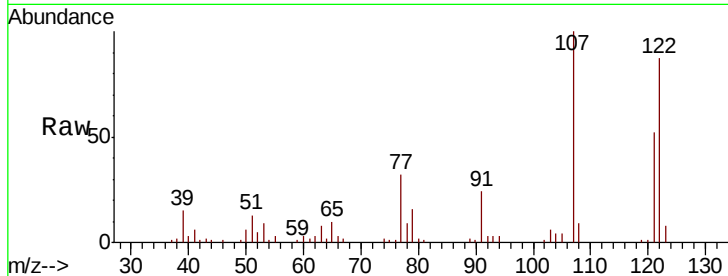




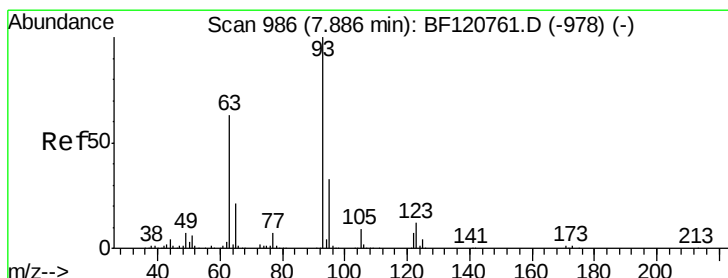
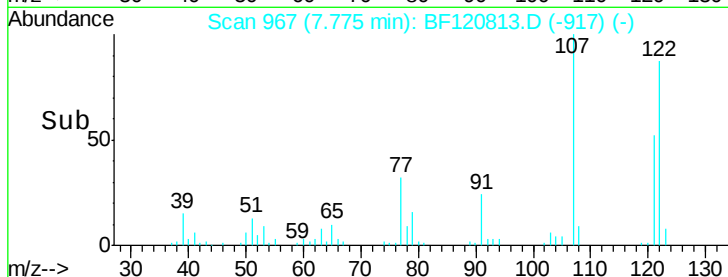
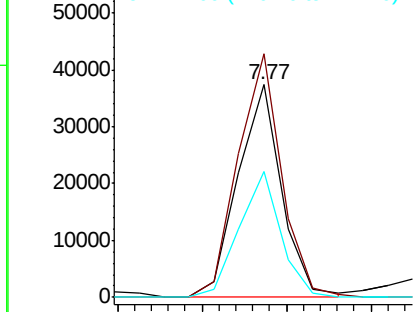
#27
2,4-Dimethylphenol
Concen: 3.596 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:122 Resp: 26859
Ion Ratio Lower Upper
122 100
107 114.5 90.7 136.1
121 59.0 45.4 68.0

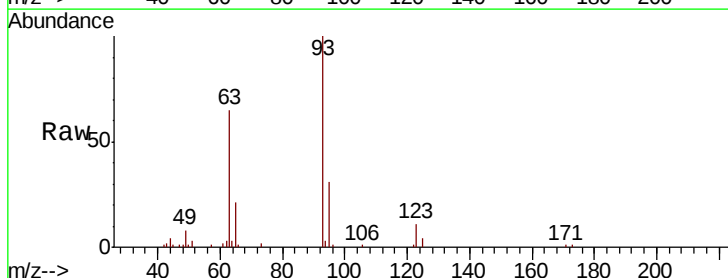


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

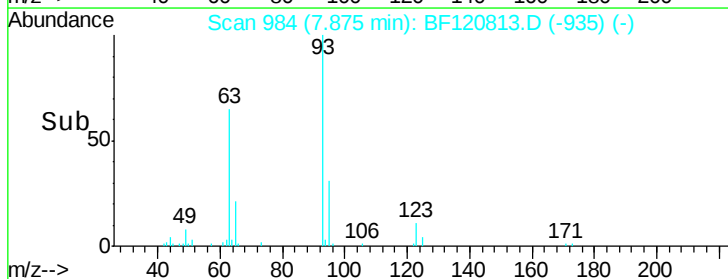
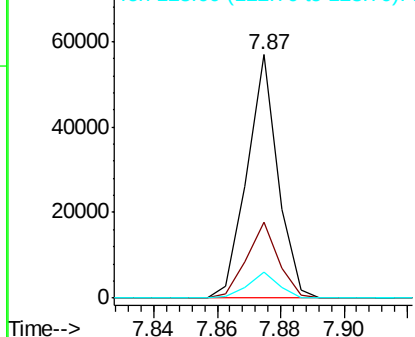


#28
bis(2-Chloroethoxy)methane
Concen: 3.457 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion: 93 Resp: 38286
Ion Ratio Lower Upper
93 100
95 31.2 26.4 39.6
123 10.6 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

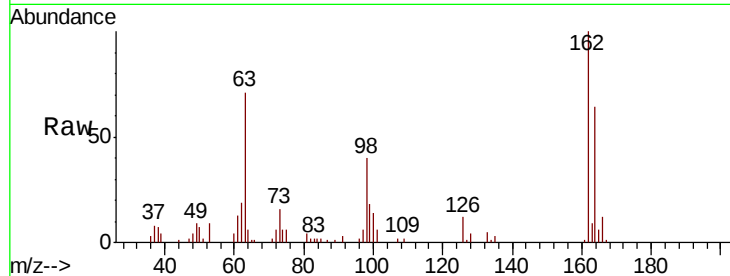




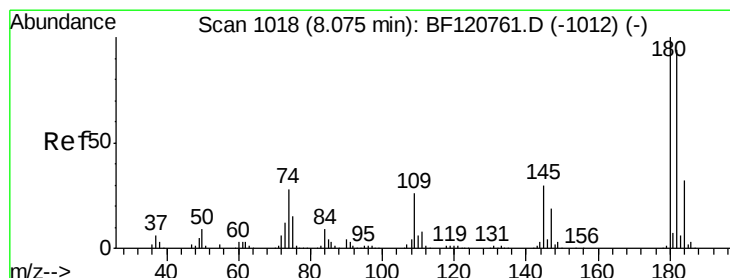
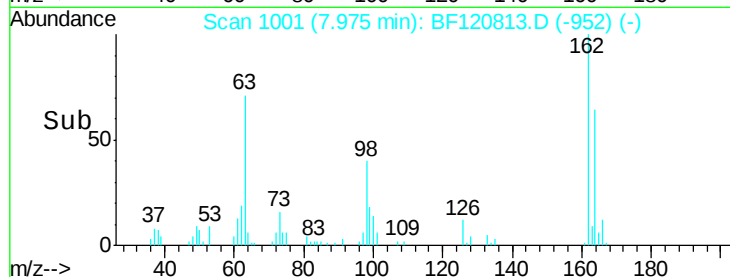
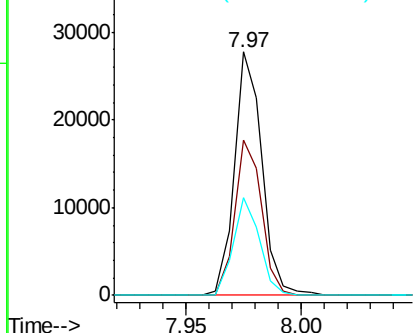
#29
2,4-Dichlorophenol
Concen: 3.083 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:162 Resp: 22991
Ion Ratio Lower Upper
162 100
164 63.5 45.2 85.2
98 40.1 17.0 57.0

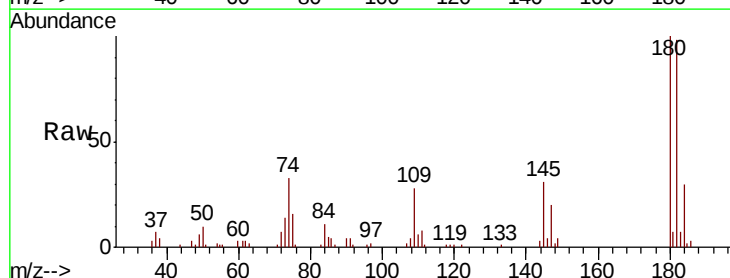


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

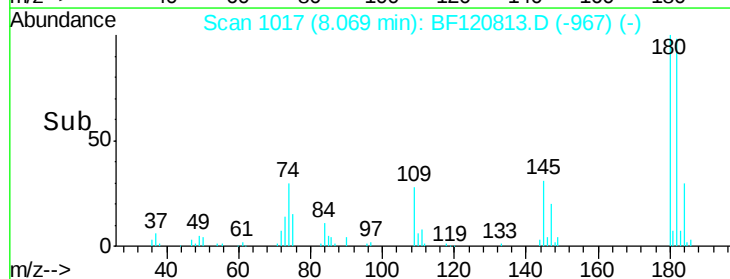
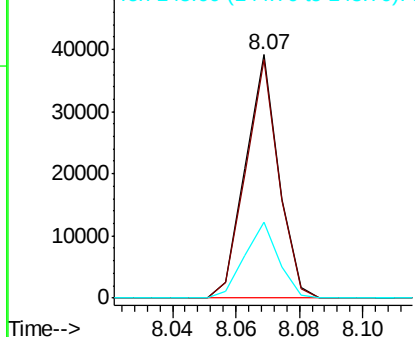


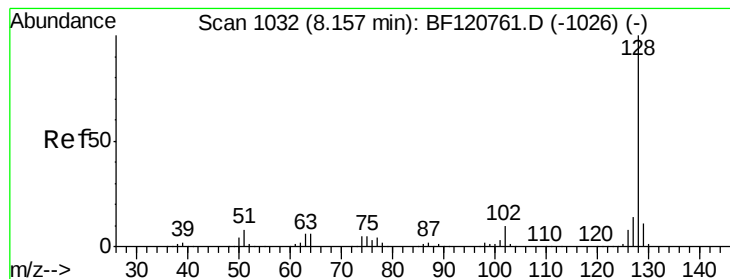
#30
1,2,4-Trichlorobenzene
Concen: 3.381 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:180 Resp: 28318
Ion Ratio Lower Upper
180 100
182 97.7 75.5 113.3
145 31.4 24.1 36.1



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





#31

Naphthalene

Concen: 3.679 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

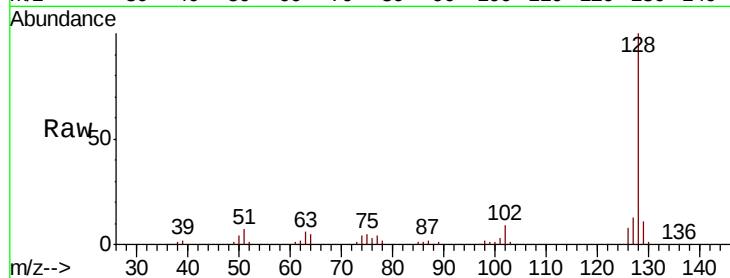
Tot Ion:128 Resp: 98821

Ion Ratio Lower Upper

128 100

129 10.6 9.2 13.8

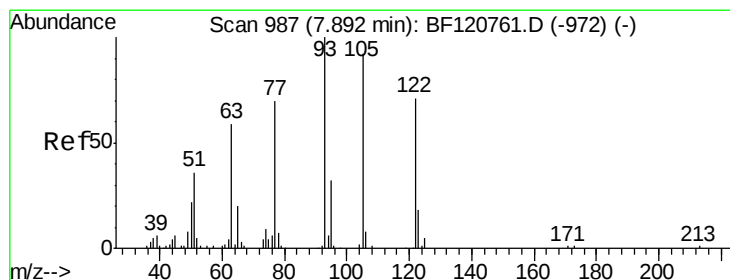
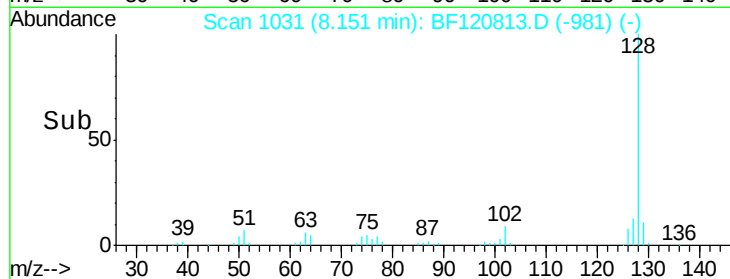
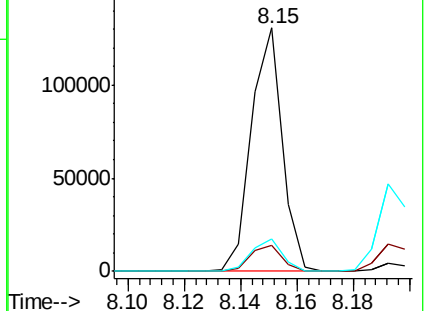
127 13.3 11.1 16.7



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: 1.539 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.08 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

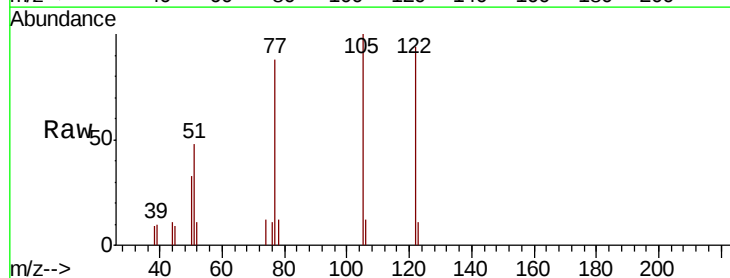
Tgt Ion:122 Resp: 6221

Ion Ratio Lower Upper

122 100

105 106.1 105.8 145.8

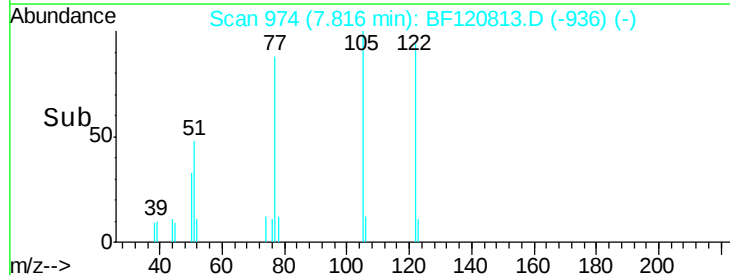
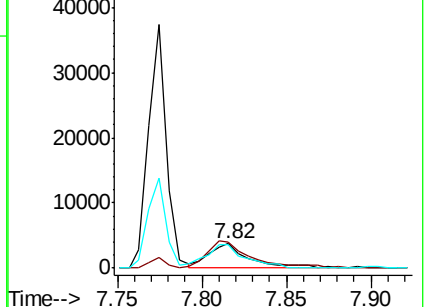
77 93.9 77.3 117.3



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

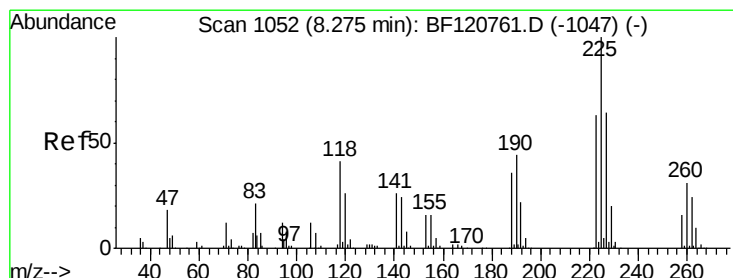
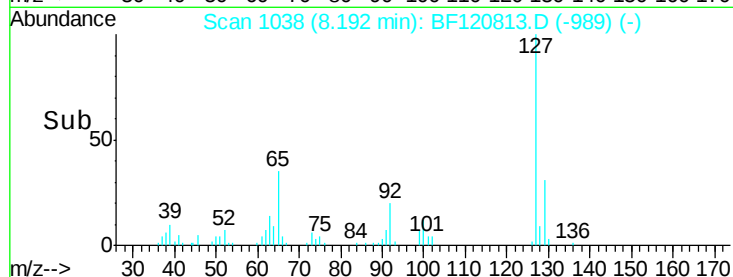
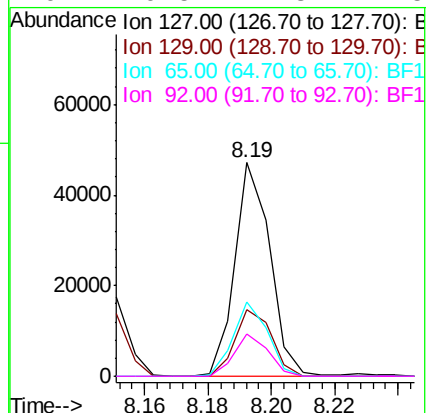
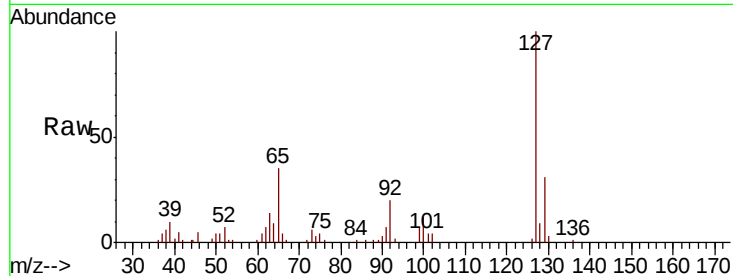




#33
4-Chloroaniline
Concen: 3.185 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

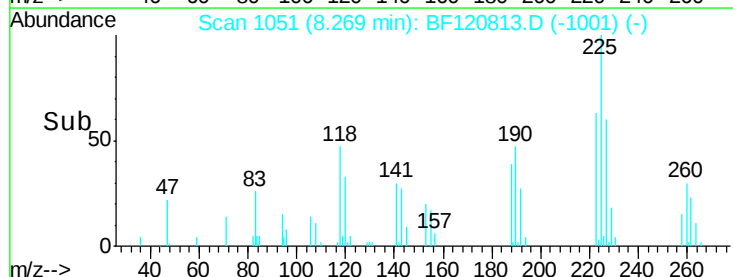
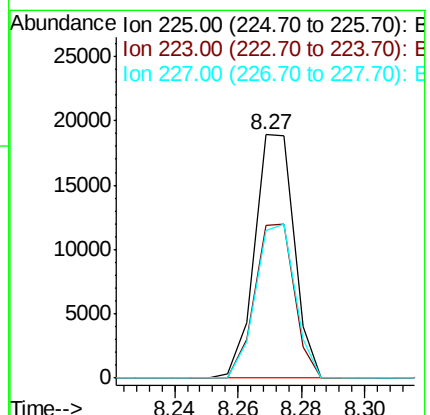
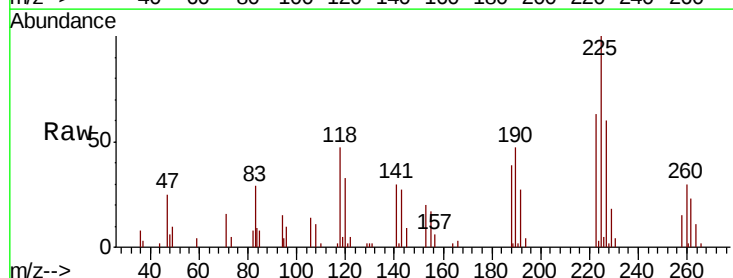
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	127	Resp:	36309
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.6	39.8
65	34.5	22.7	34.1#
92	19.5	14.3	21.5



#34
Hexachlorobutadiene
Concen: 3.257 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:	225	Resp:	16405
Ion	Ratio	Lower	Upper
225	100		
223	66.0	50.6	76.0
227	62.8	51.4	77.2

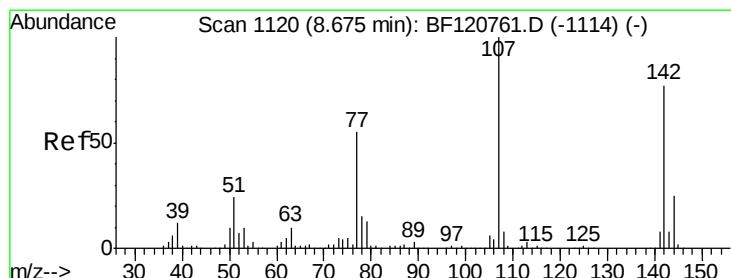
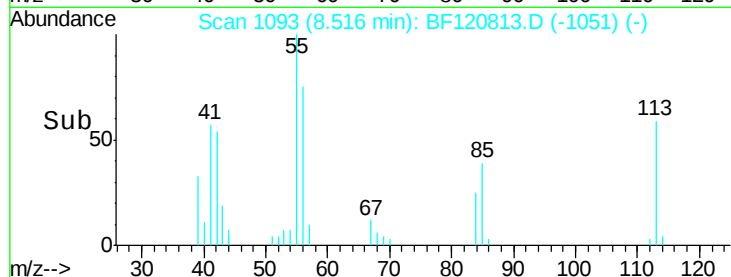
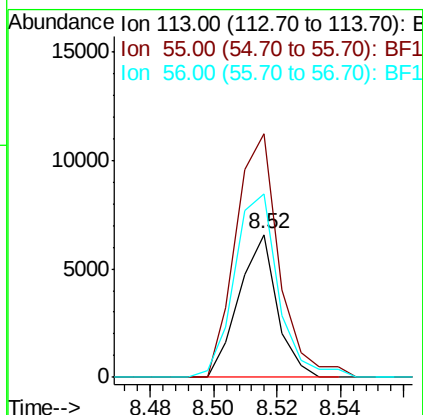
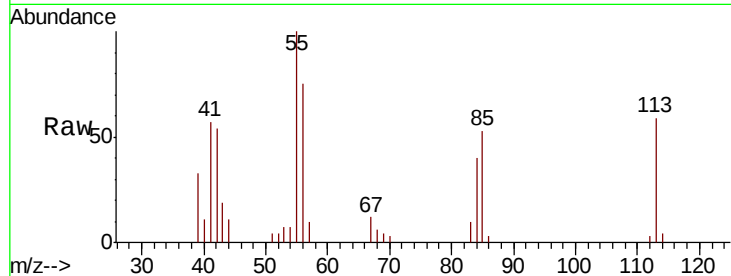




#35
 Caprolactam
 Concen: 2.525 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

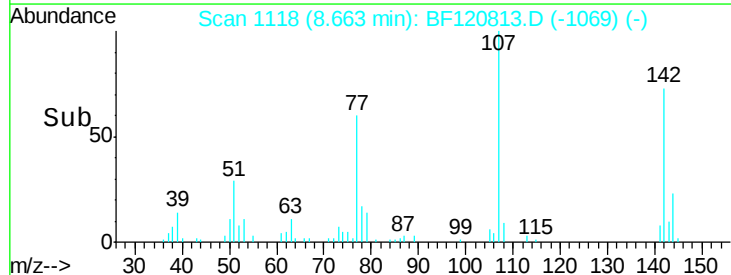
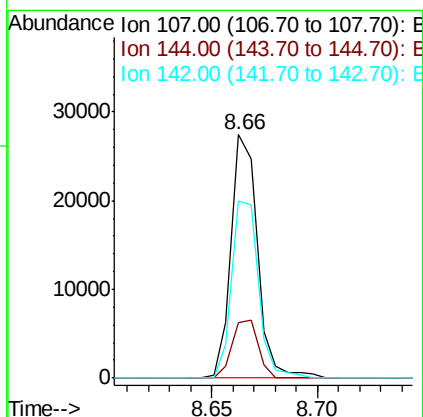
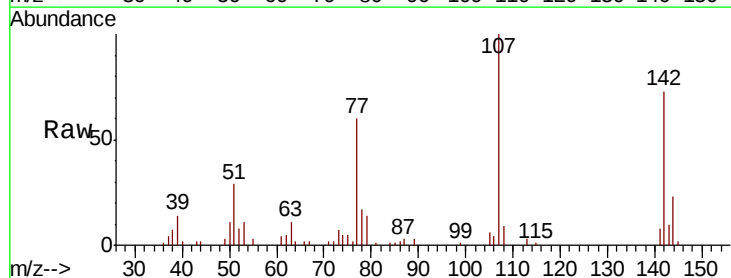
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

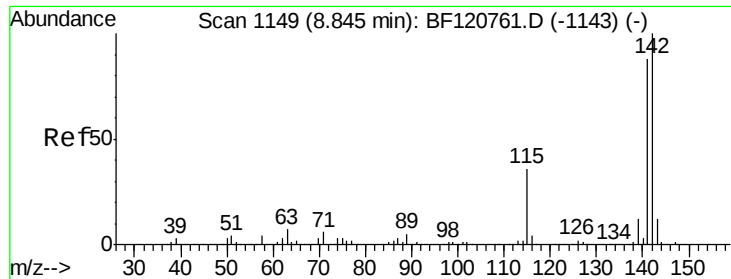
Tot Ion:113 Resp: 5486
 Ion Ratio Lower Upper
 113 100
 55 170.2 168.3 208.3
 56 127.9 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 3.048 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:107 Resp: 23640
 Ion Ratio Lower Upper
 107 100
 144 22.7 19.7 29.5
 142 72.8 61.2 91.8

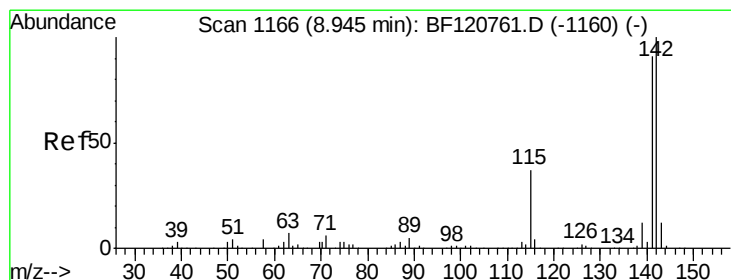
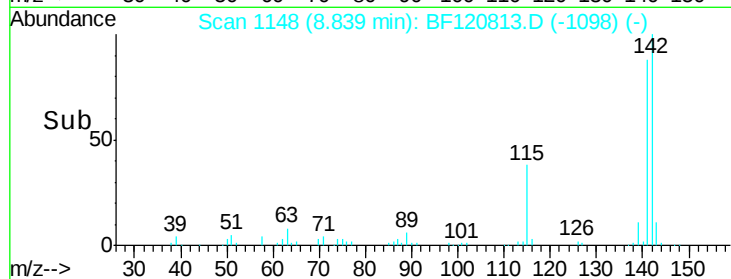
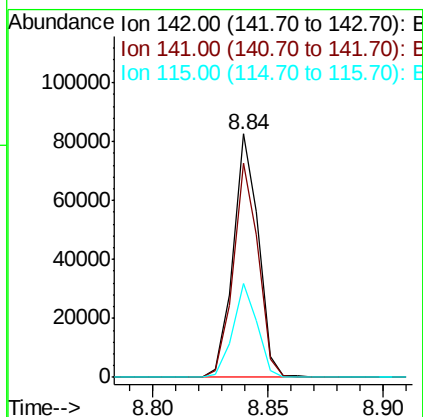
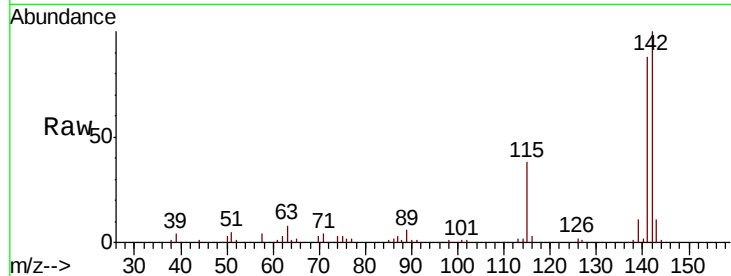




#37
 2-Methylnaphthalene
 Concen: 3.594 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

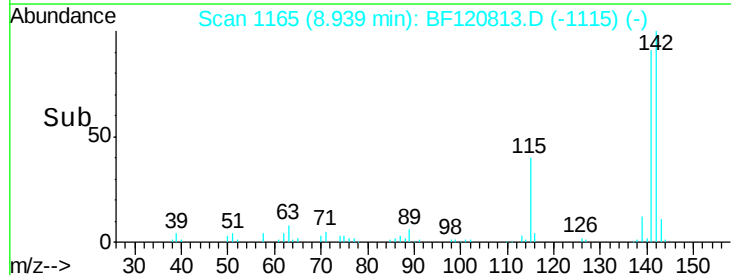
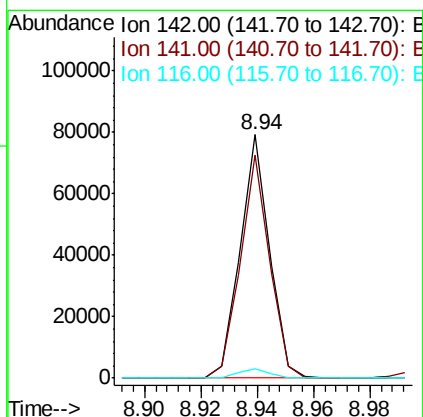
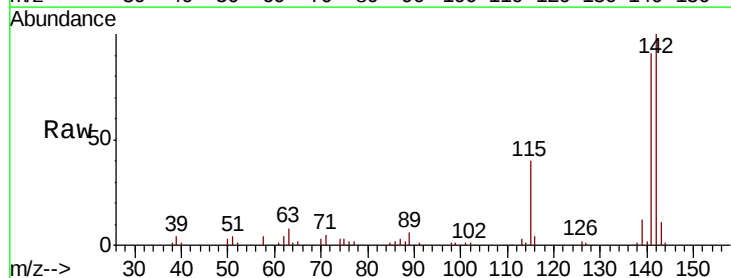
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

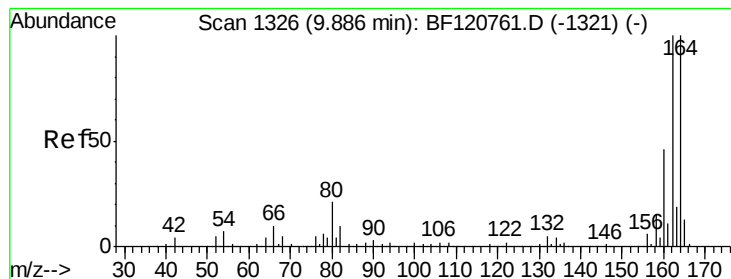
Tot Ion:142 Resp: 62761
 Ion Ratio Lower Upper
 142 100
 141 87.7 70.2 105.4
 115 38.4 29.0 43.4



#38
 1-Methylnaphthalene
 Concen: 3.493 ng
 RT: 8.94 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:142 Resp: 57139
 Ion Ratio Lower Upper
 142 100
 141 91.4 72.5 108.7
 116 4.0 3.1 4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

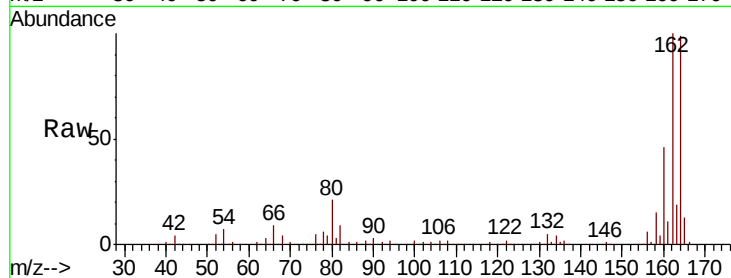
Tot Ion:164 Resp: 240701

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

160 46.9 36.9 55.3

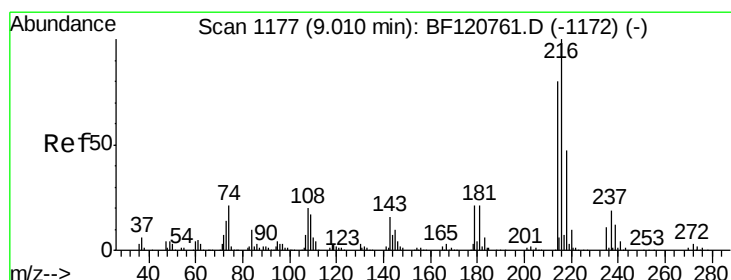
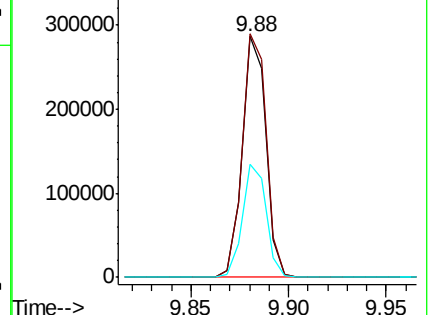
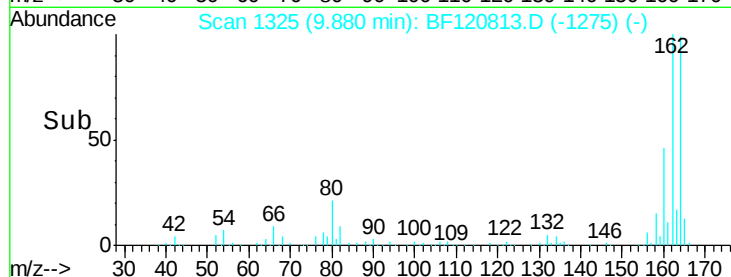


Abundance

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: 3.664 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion:216 Resp: 26652

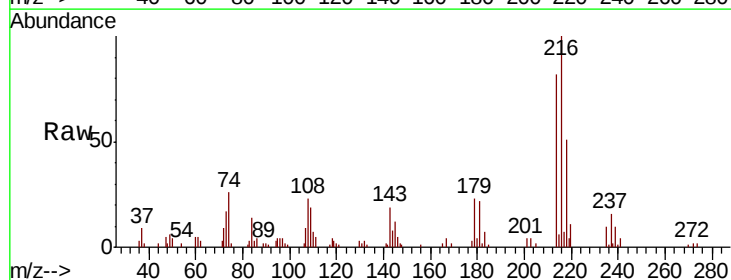
Ion Ratio Lower Upper

216 100

214 79.0 63.7 95.5

179 22.2 16.7 25.1

108 23.2 17.0 25.4



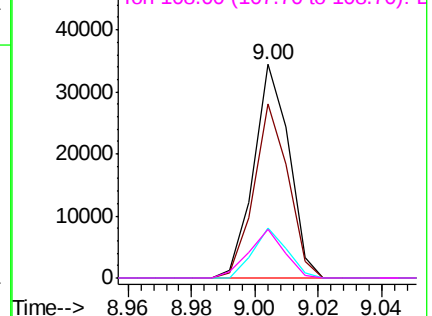
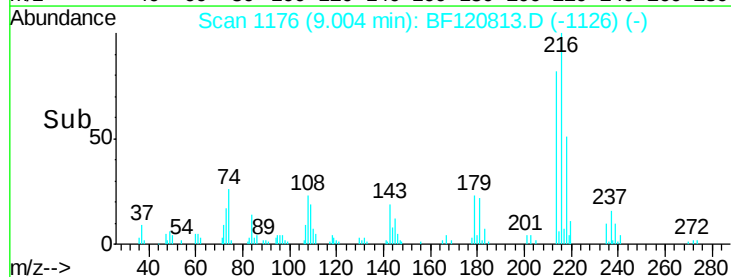
Abundance

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: 2.751 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

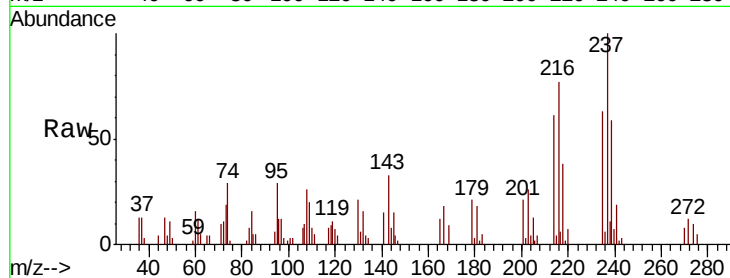
Tot Ion:237 Resp: 11825

Ion Ratio Lower Upper

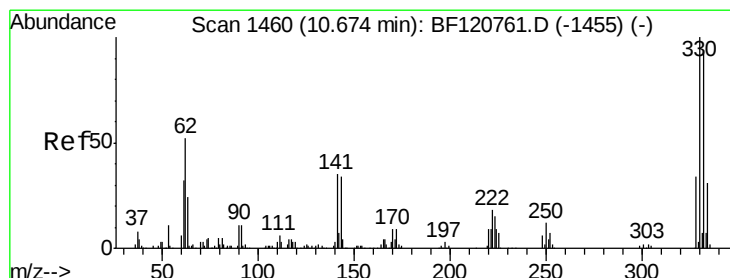
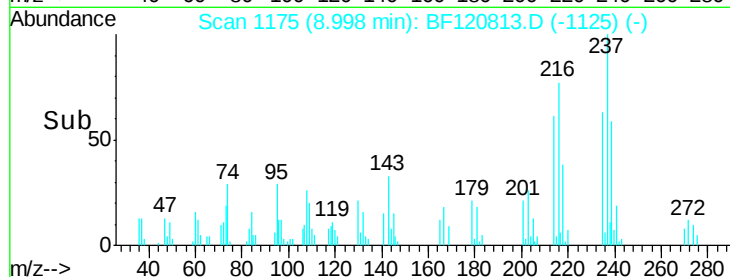
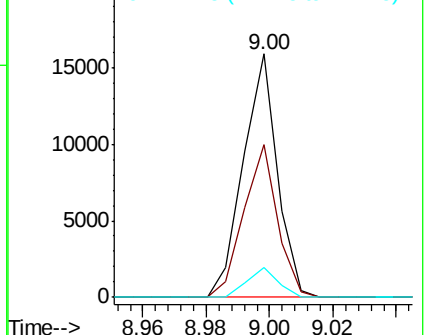
237 100

235 62.8 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: 145.006 ng

RT: 10.67 min Scan# 1460

Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

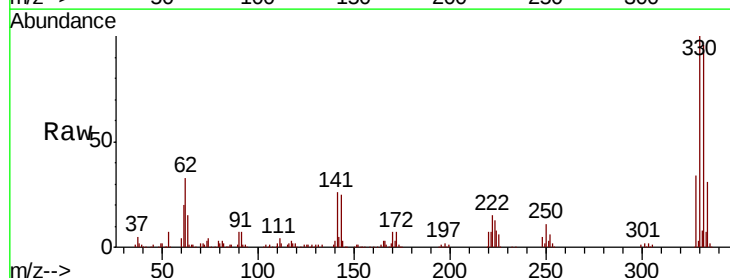
Tgt Ion:330 Resp: 350651

Ion Ratio Lower Upper

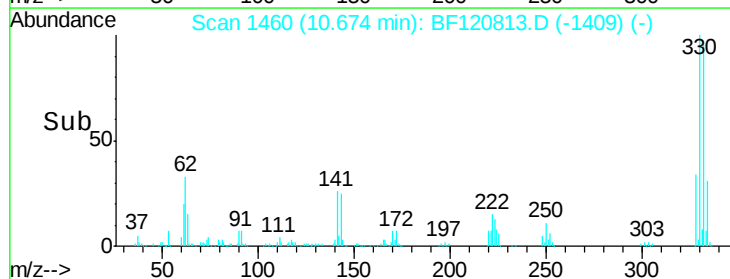
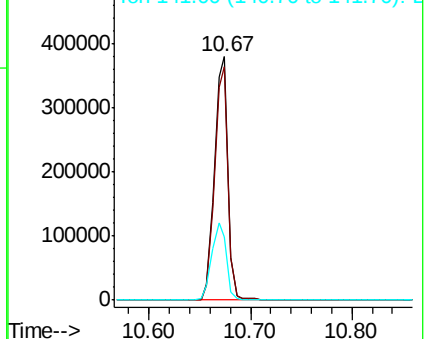
330 100

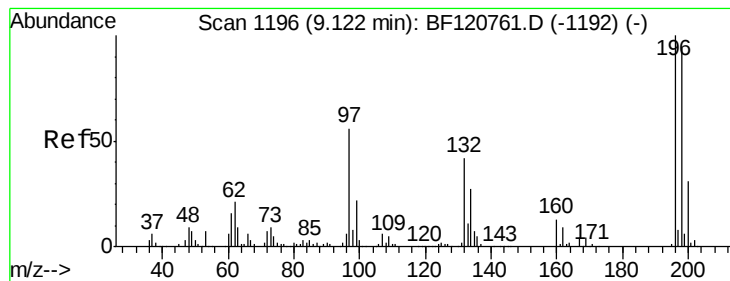
332 95.6 75.8 113.6

141 34.9 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: 2.867 ng

RT: 9.12 min Scan# 1195

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

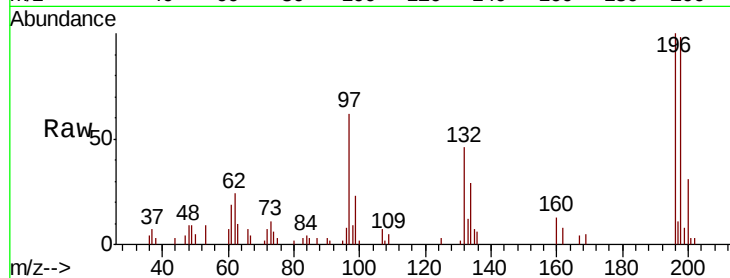
Tot Ion:196 Resp: 14210

Ion Ratio Lower Upper

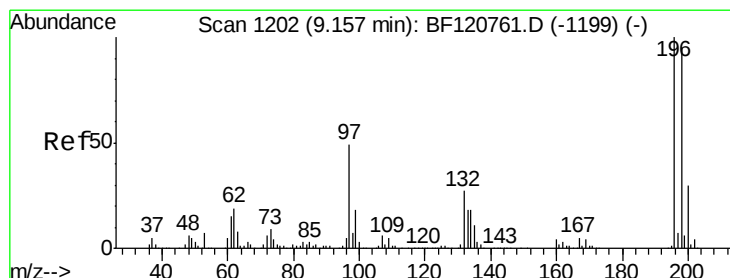
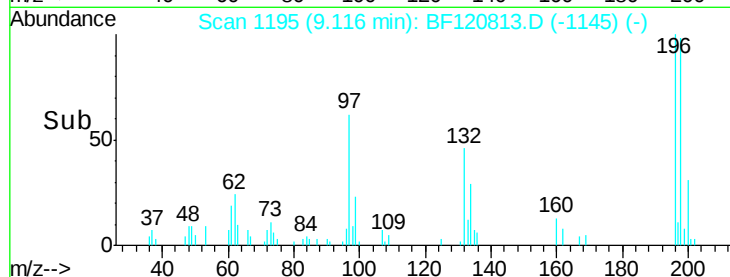
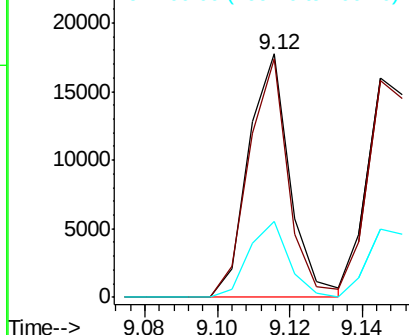
196 100

198 97.8 75.3 112.9

200 31.1 24.4 36.6



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



#44

2,4,5-Trichlorophenol

Concen: 2.774 ng

RT: 9.15 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion:196 Resp: 15258

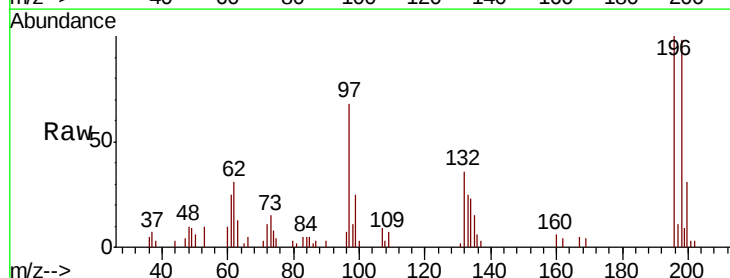
Ion Ratio Lower Upper

196 100

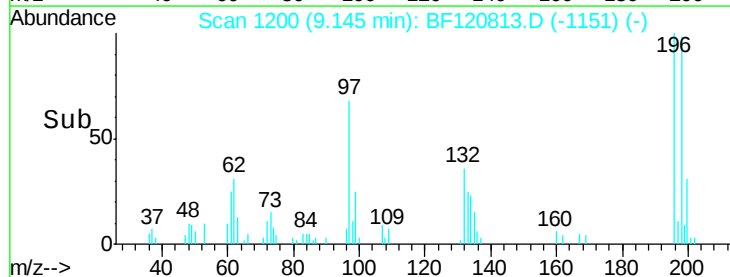
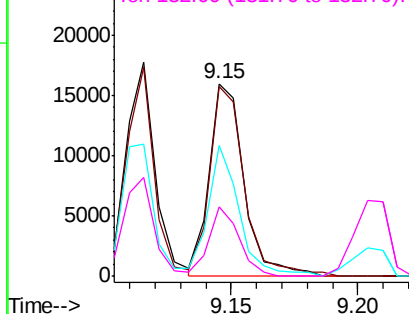
198 98.5 76.2 114.2

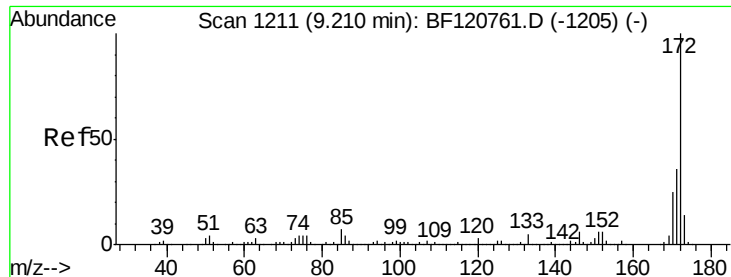
97 68.2 39.6 59.4#

132 35.9 22.0 33.0#



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

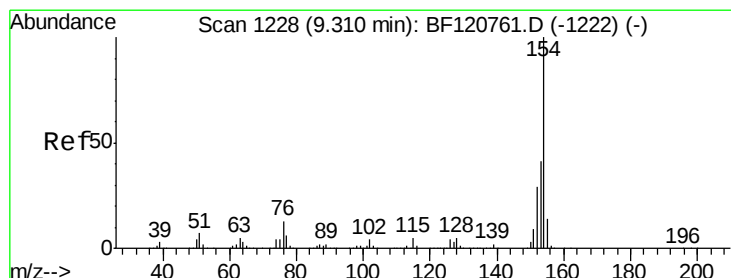
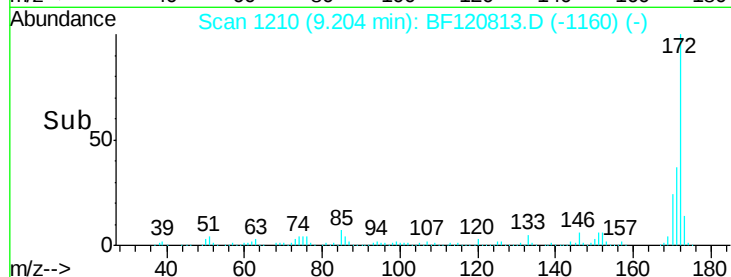
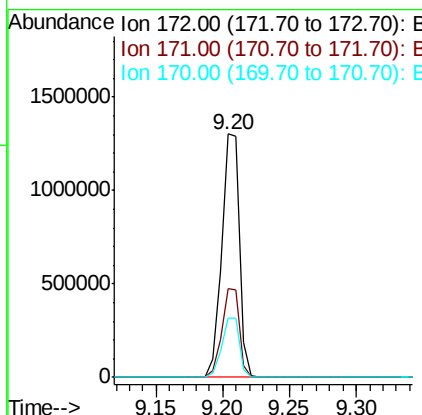
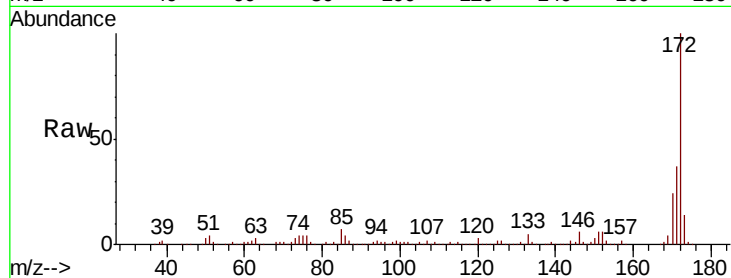




#45
2-Fluorobiphenyl
Concen: 76.949 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

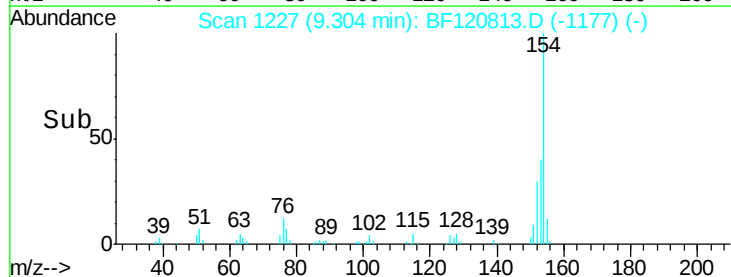
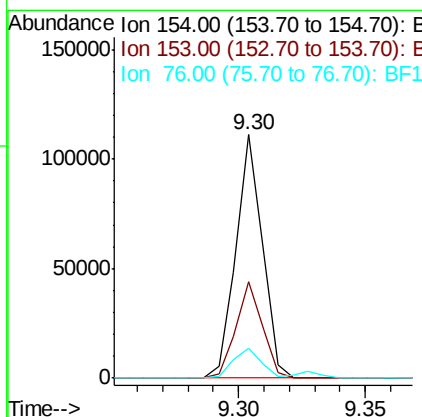
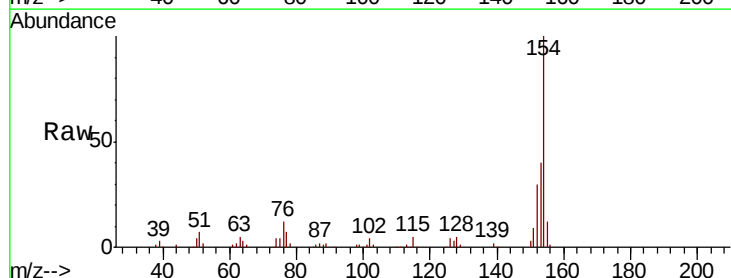
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

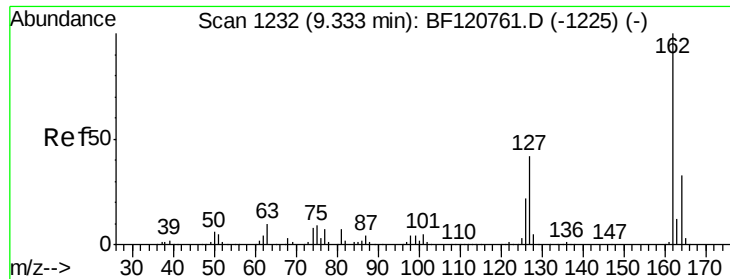
Tot Ion:172 Resp: 1224220
Ion Ratio Lower Upper
172 100
171 36.7 29.1 43.7
170 24.4 19.8 29.6



#46
1,1'-Biphenyl
Concen: 4.135 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:154 Resp: 80287
Ion Ratio Lower Upper
154 100
153 39.6 20.7 60.7
76 12.4 0.0 33.3

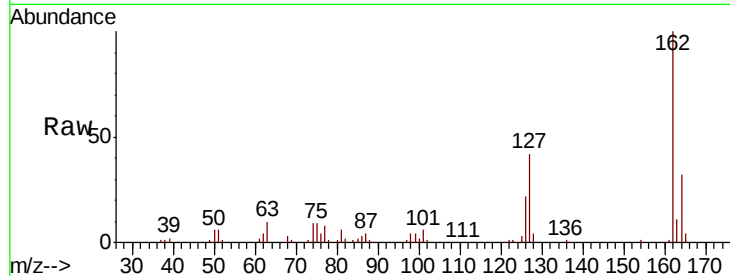




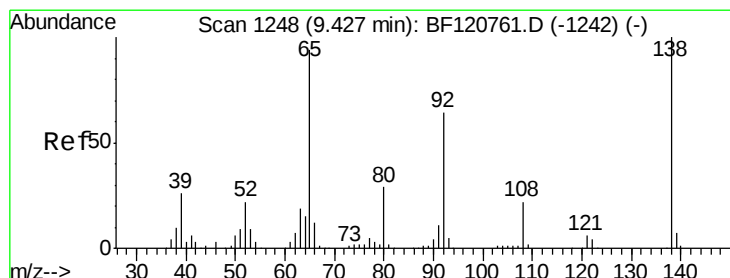
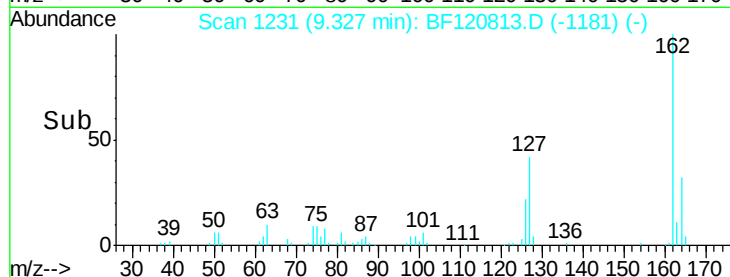
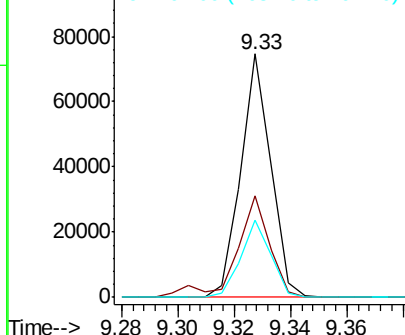
#47
 2-Chloronaphthalene
 Concen: 3.532 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:162 Resp: 54946
 Ion Ratio Lower Upper
 162 100
 127 41.6 33.7 50.5
 164 31.6 26.4 39.6

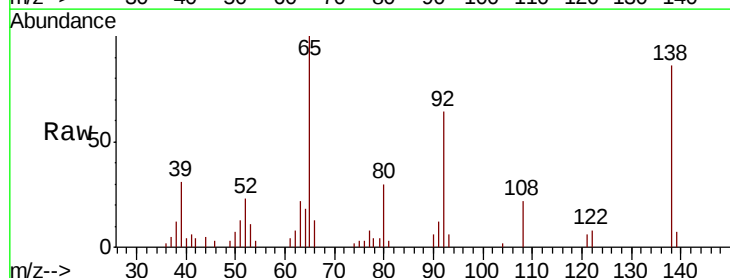


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

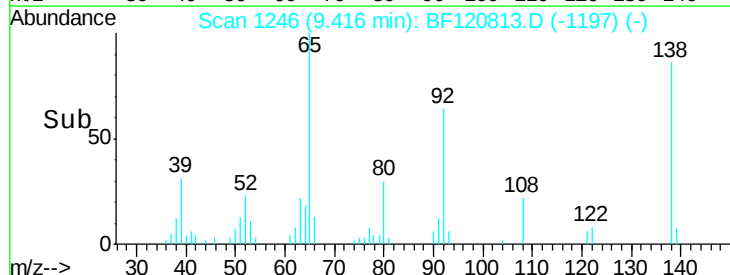
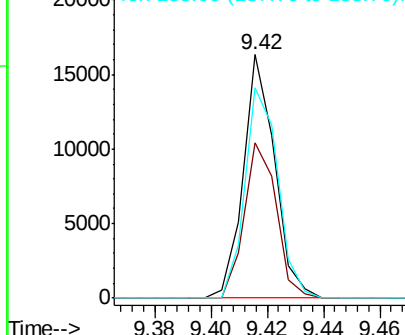


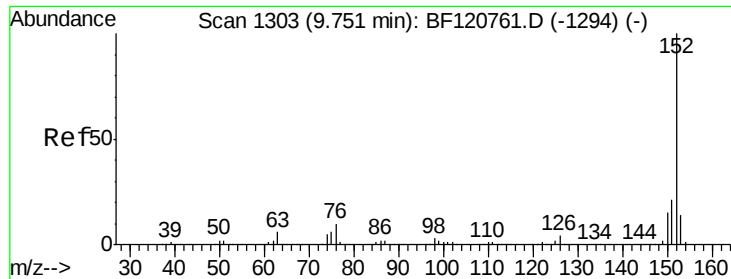
#48
 2-Nitroaniline
 Concen: 3.025 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion: 65 Resp: 12589
 Ion Ratio Lower Upper
 65 100
 92 63.7 54.4 81.6
 138 86.4 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

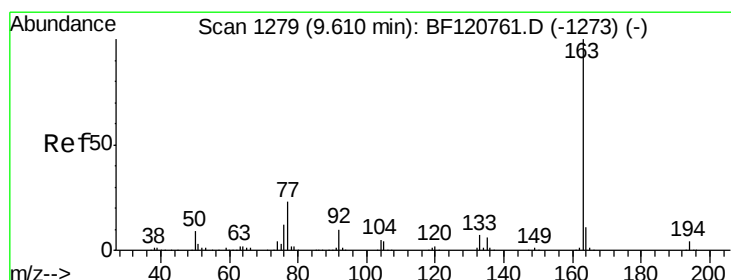
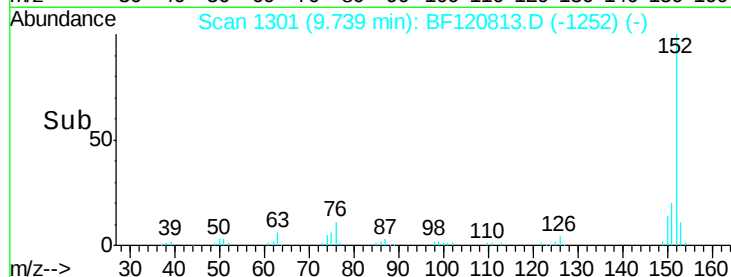
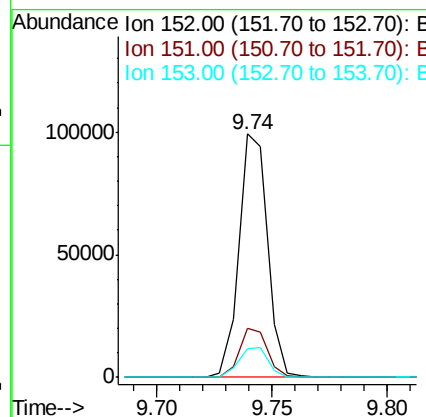
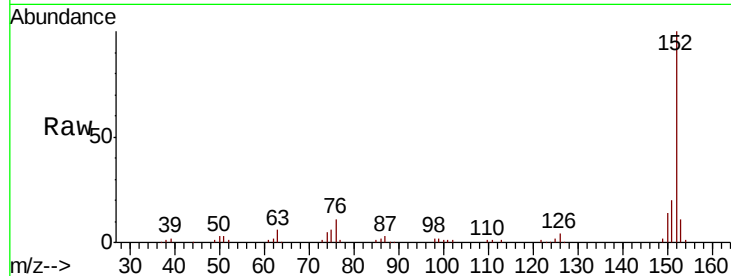




#49
Acenaphthylene
Concen: 3.517 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

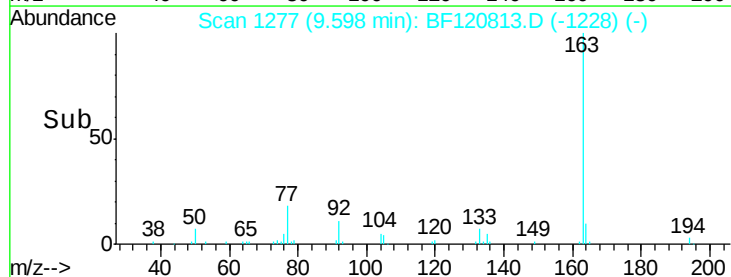
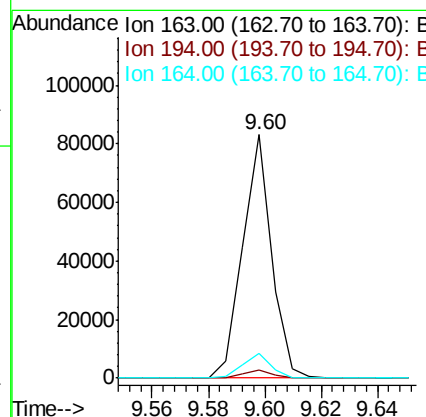
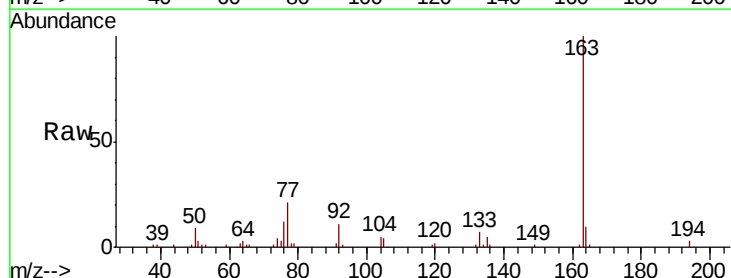
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

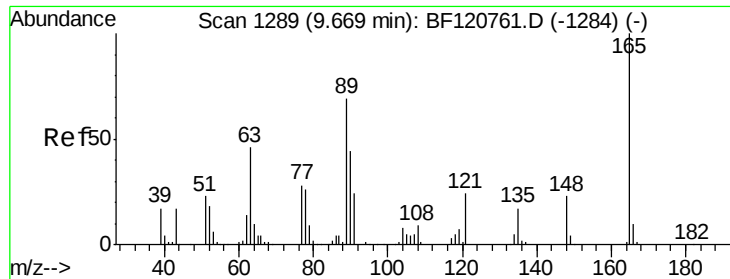
Tot Ion:152 Resp: 85771
Ion Ratio Lower Upper
152 100
151 20.1 16.9 25.3
153 11.5 10.8 16.2



#50
Dimethylphthalate
Concen: 3.358 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:163 Resp: 58957
Ion Ratio Lower Upper
163 100
194 3.4 2.9 4.3
164 10.0 8.5 12.7

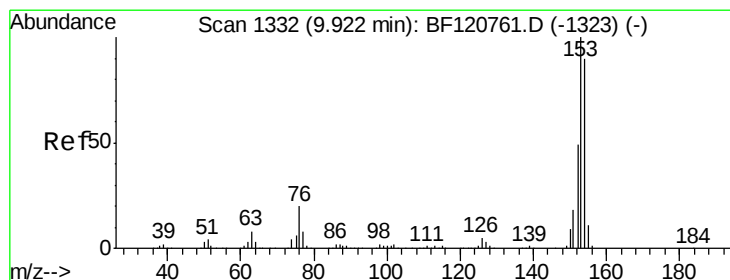
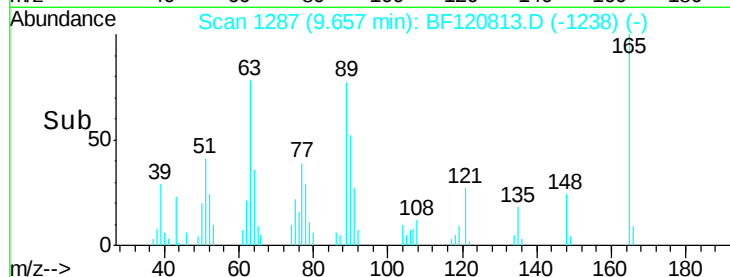
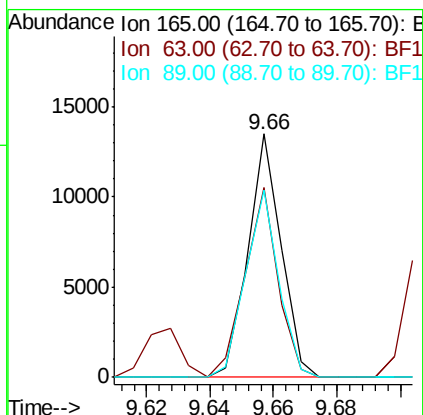
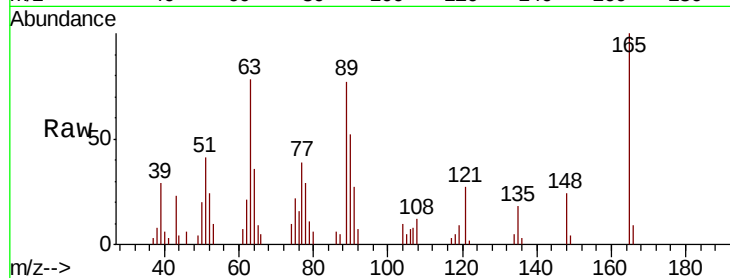




#51
 2,6-Dinitrotoluene
 Concen: 3.077 ng
 RT: 9.66 min Scan# 1287
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

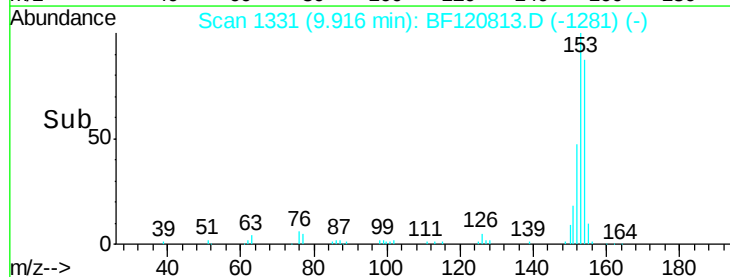
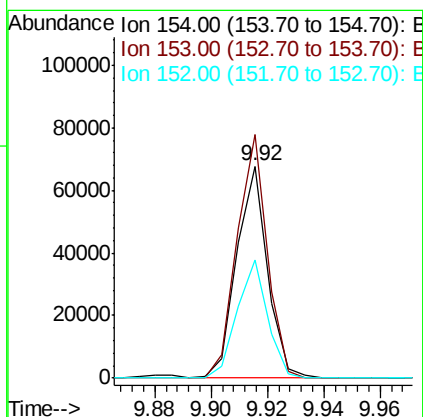
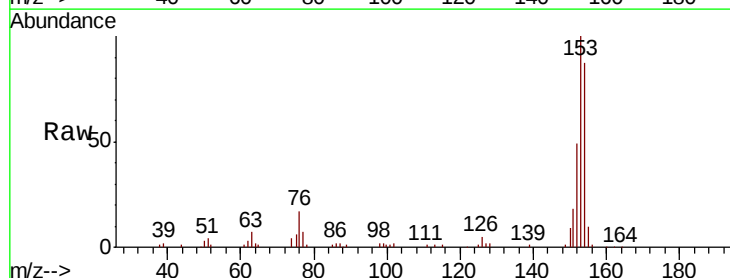
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

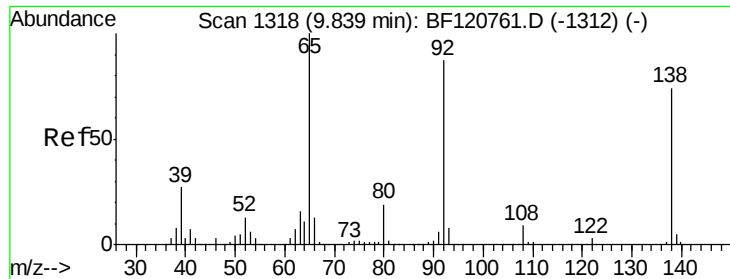
Tot Ion	Ratio	Lower	Upper
165	100		
63	77.9	54.0	81.0
89	77.0	55.4	83.2



#52
 Acenaphthene
 Concen: 3.395 ng
 RT: 9.92 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.6	132.8
152	56.0	43.6	65.4

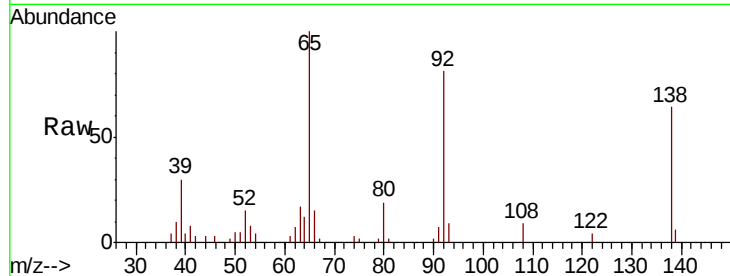




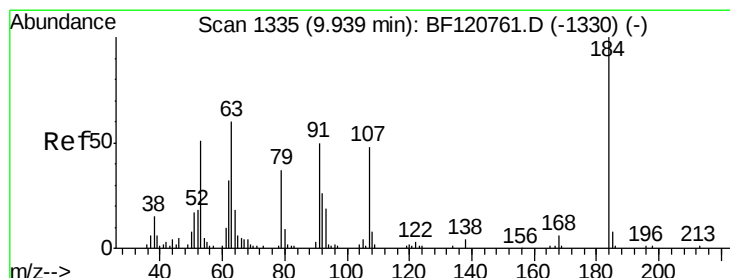
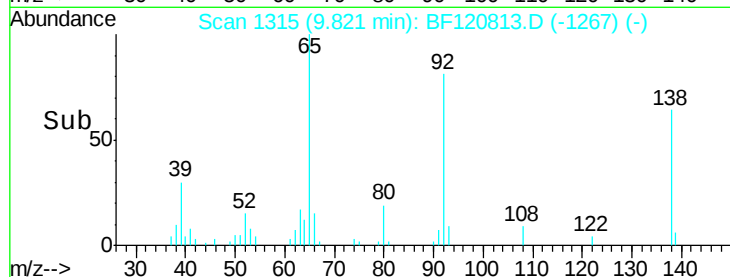
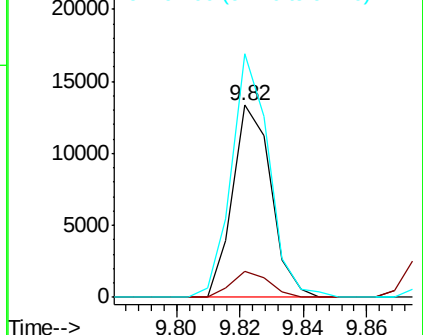
#53
3-Nitroaniline
Concen: 2.866 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:138 Resp: 11231
Ion Ratio Lower Upper
138 100
108 13.5 9.8 14.6
92 126.8 93.4 140.2

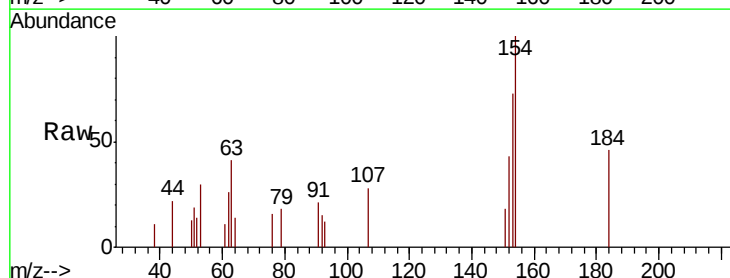


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

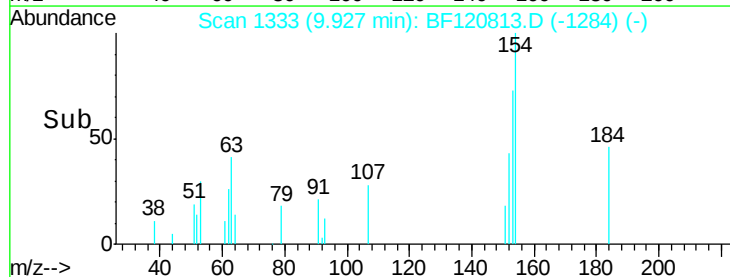
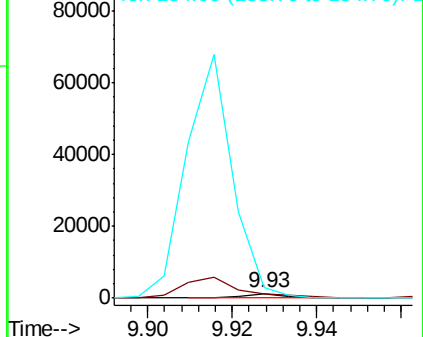


#54
2,4-Dinitrophenol
Concen: 0.766 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:184 Resp: 802
Ion Ratio Lower Upper
184 100
63 88.4 57.3 85.9#
154 215.3 55.8 83.6#



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

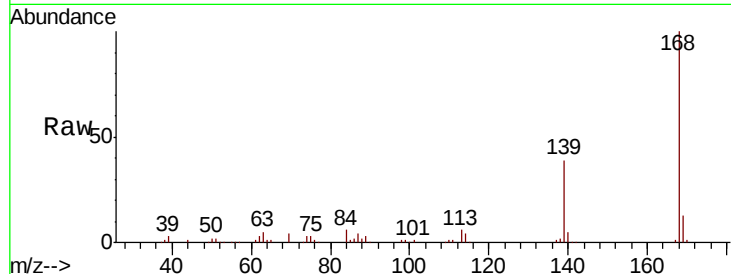




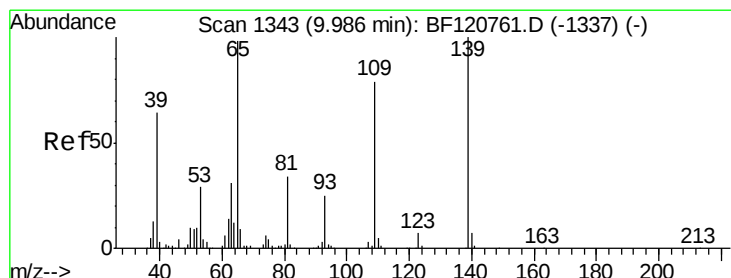
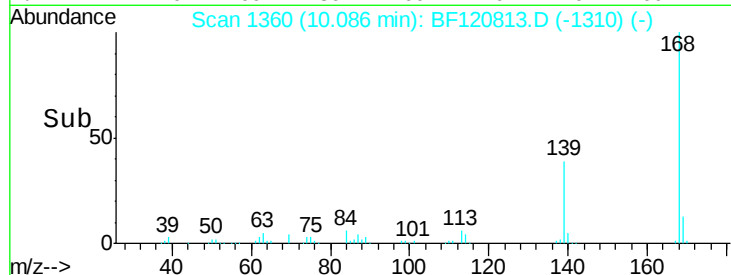
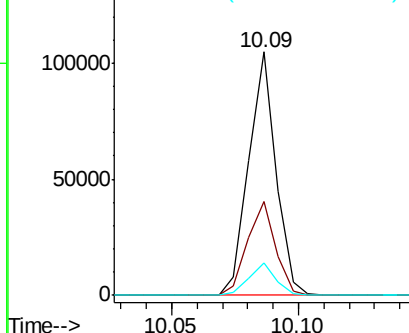
#55
Dibenzenofuran
Concen: 3.605 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:168 Resp: 78623
Ion Ratio Lower Upper
168 100
139 38.5 31.3 46.9
169 13.4 11.2 16.8

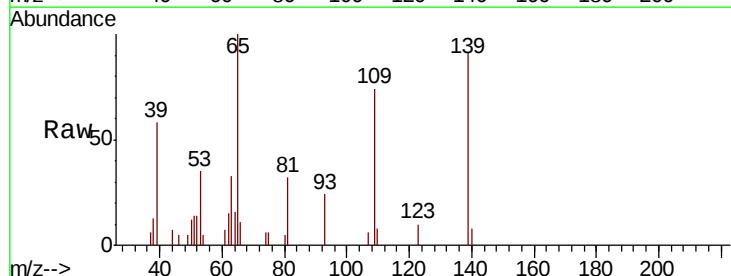


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

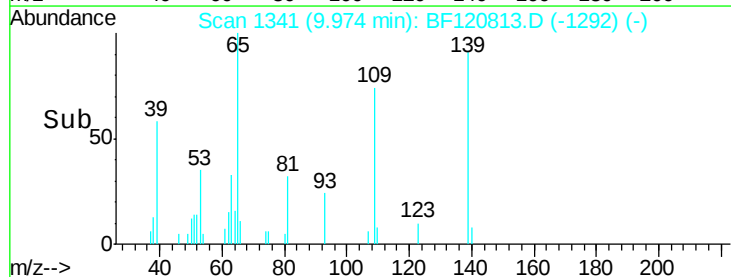
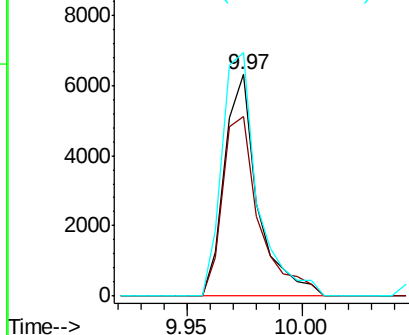


#56
4-Nitrophenol
Concen: 2.197 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:139 Resp: 6323
Ion Ratio Lower Upper
139 100
109 81.2 58.6 98.6
65 110.0 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

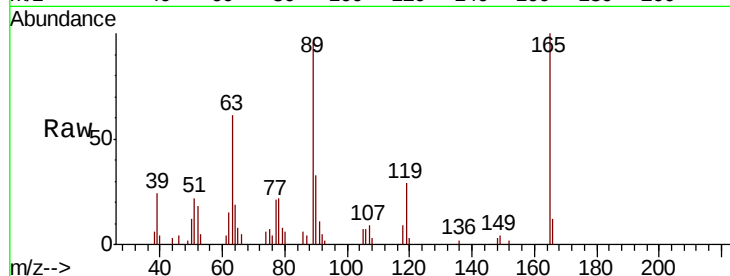




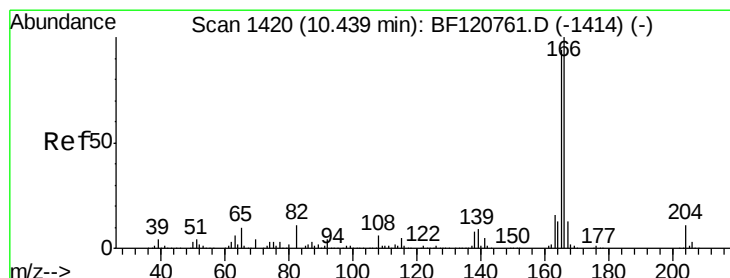
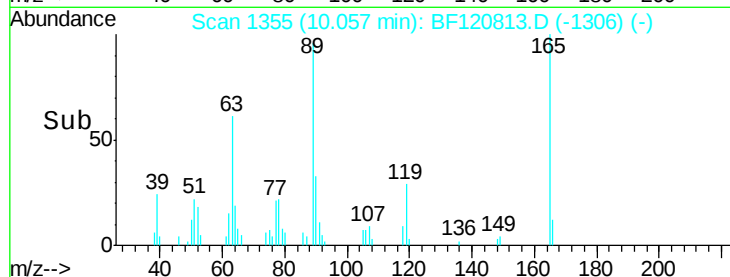
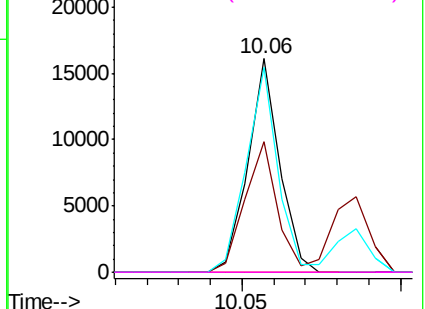
#57
 2,4-Dinitrotoluene
 Concen: 2.926 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:165 Resp: 11145
 Ion Ratio Lower Upper
 165 100
 63 61.0 43.8 65.8
 89 95.7 71.4 107.2
 182 0.0 1.8 2.6#

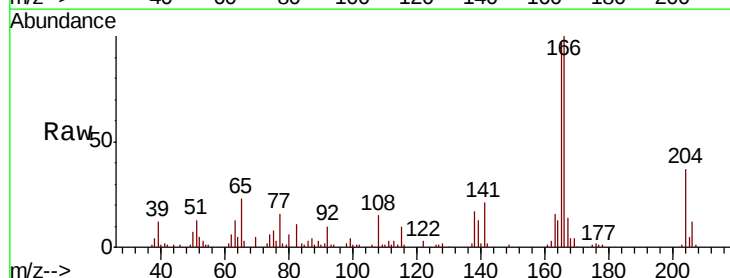


Abundance Ion 165.00 (164.70 to 165.70): E
 25000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

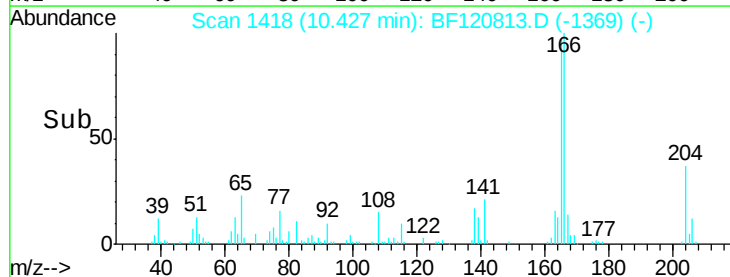
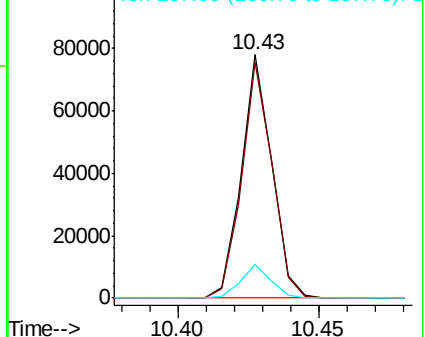


#58
 Fluorene
 Concen: 3.594 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:166 Resp: 58344
 Ion Ratio Lower Upper
 166 100
 165 96.8 75.5 113.3
 167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
 100000
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

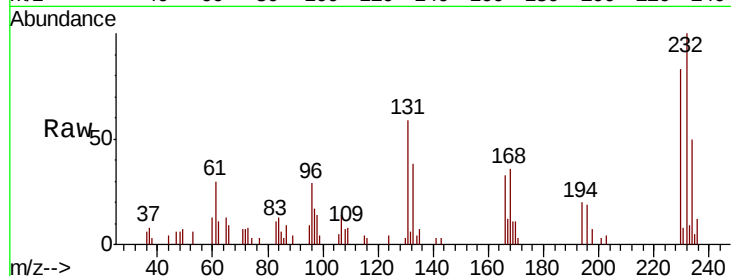




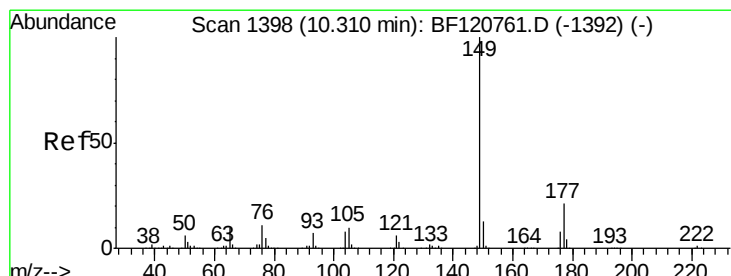
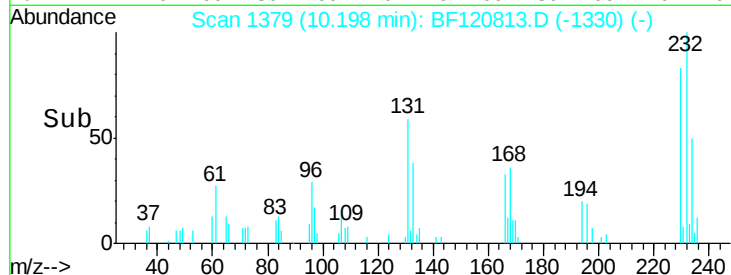
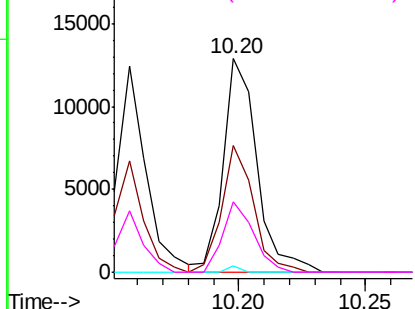
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.912 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:232 Resp: 11920
Ion Ratio Lower Upper
232 100
131 55.8 36.3 54.5#
130 1.1 2.0 3.0#
166 30.4 20.9 31.3

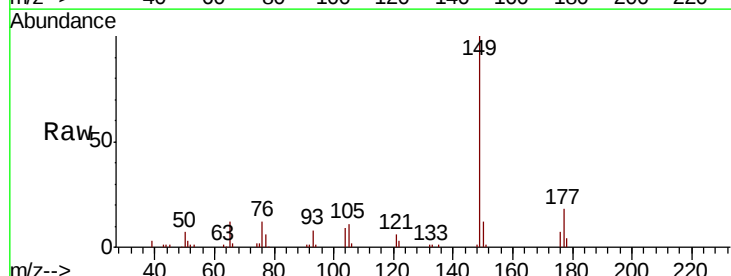


Abundance Ion 232.00 (231.70 to 232.70): E
20000
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

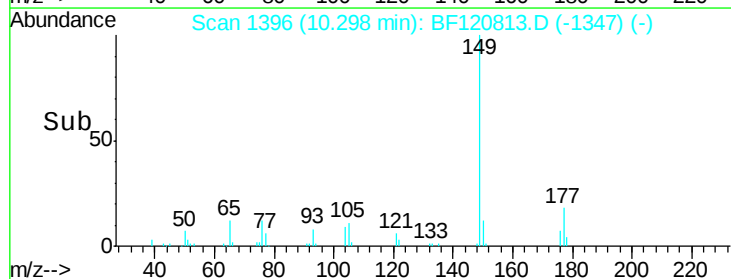
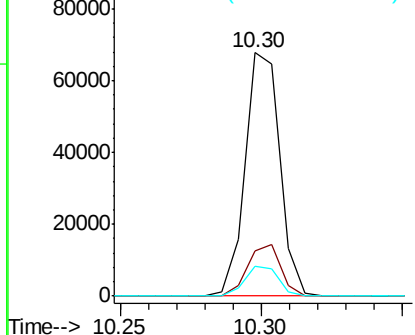


#60
Diethylphthalate
Concen: 3.160 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:149 Resp: 57792
Ion Ratio Lower Upper
149 100
177 18.5 16.4 24.6
150 12.4 10.2 15.4



Abundance Ion 149.00 (148.70 to 149.70): E
80000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

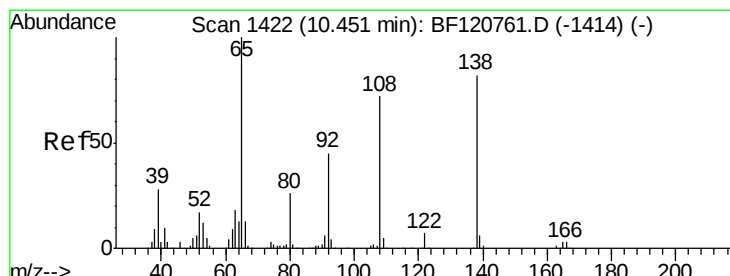
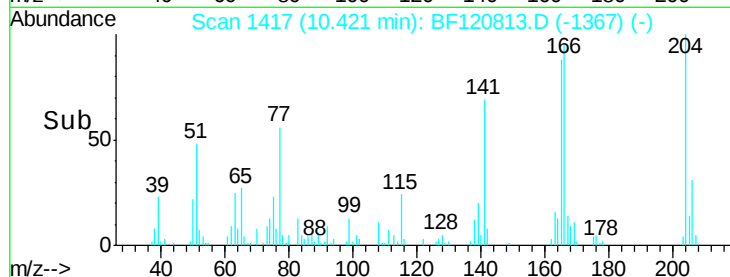
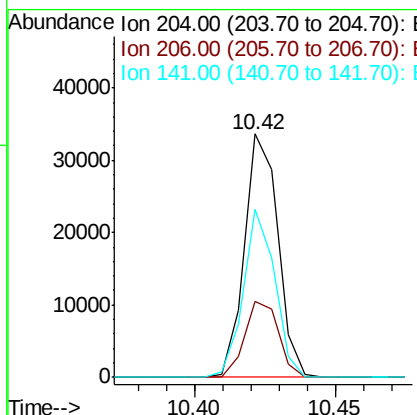
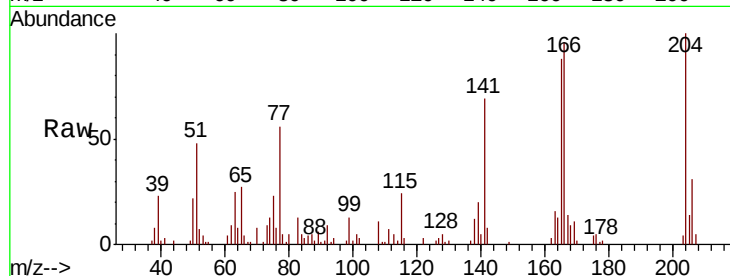




#61
 4-Chlorophenyl-phenylether
 Concen: 3.387 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

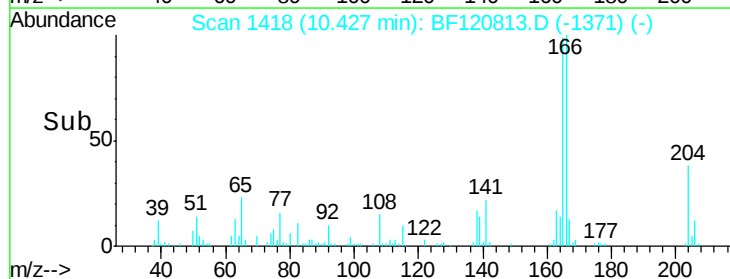
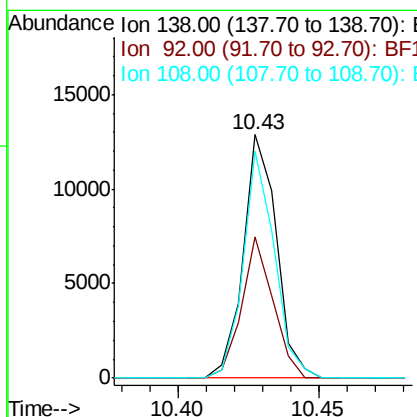
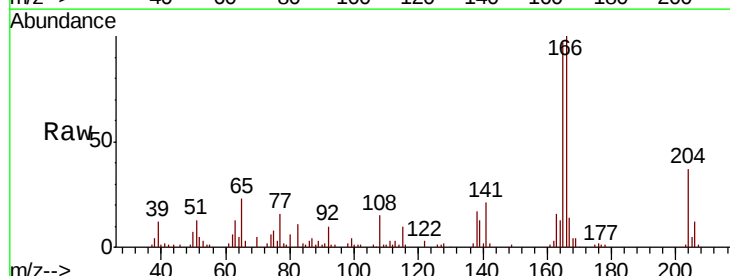
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

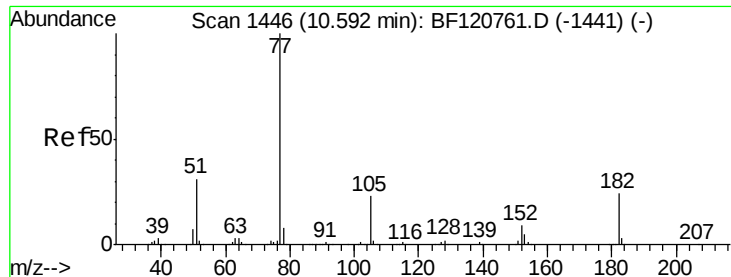
Tot Ion:204 Resp: 27638
 Ion Ratio Lower Upper
 204 100
 206 31.3 26.7 40.1
 141 69.3 48.5 72.7



#62
 4-Nitroaniline
 Concen: 2.821 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:138 Resp: 10525
 Ion Ratio Lower Upper
 138 100
 92 57.8 34.3 74.3
 108 93.1 68.3 108.3

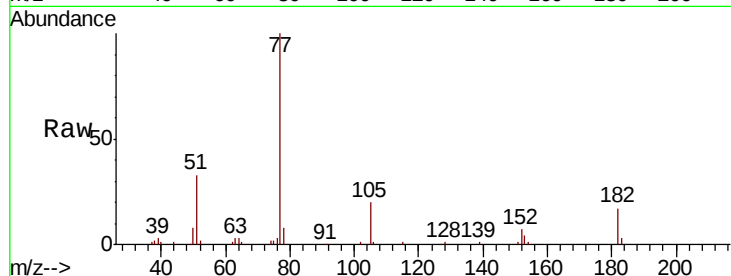




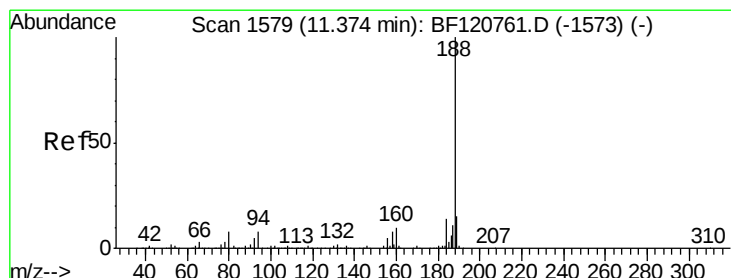
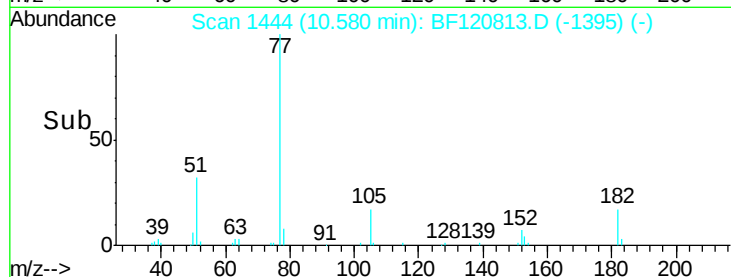
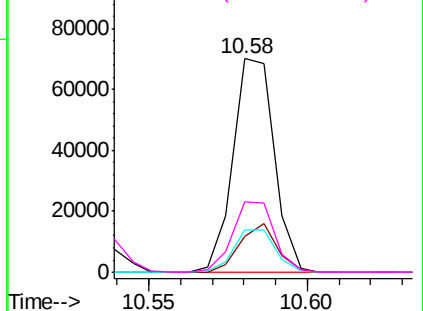
#63
Azobenzene
Concen: 3.372 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:	77	Resp:	63086
Ion	Ratio	Lower	Upper
77	100		
182	16.7	4.0	44.0
105	19.7	2.6	42.6
51	33.3	11.5	51.5

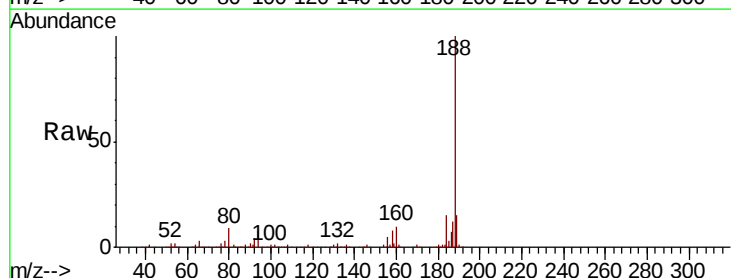


Abundance Ion 77.00 (76.70 to 77.70): BF1

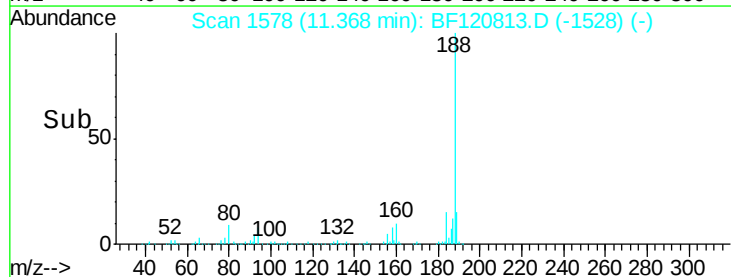
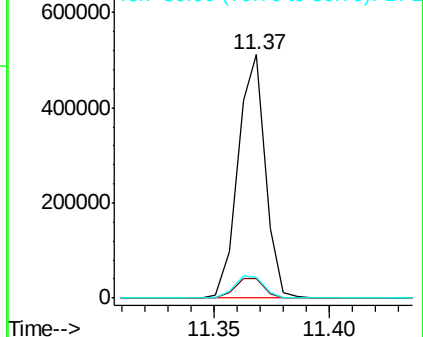


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:	188	Resp:	422589
Ion	Ratio	Lower	Upper
188	100		
94	8.1	6.6	9.8
80	8.8	6.6	10.0



Abundance Ion 188.00 (187.70 to 188.70): E

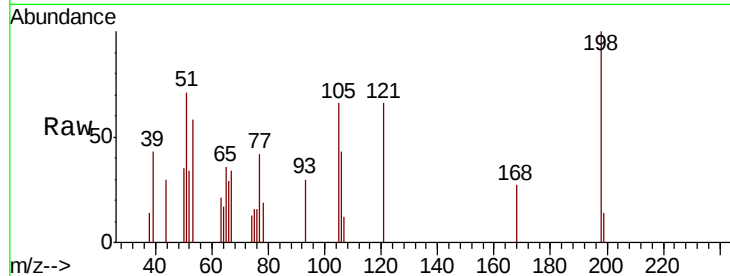




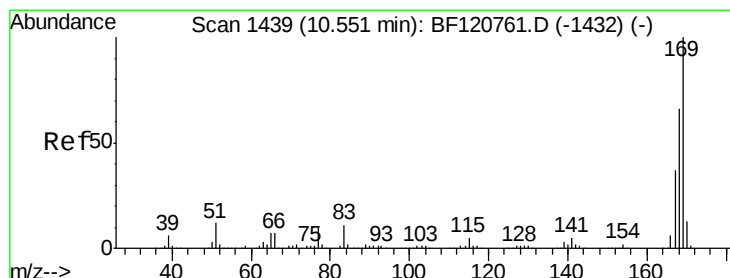
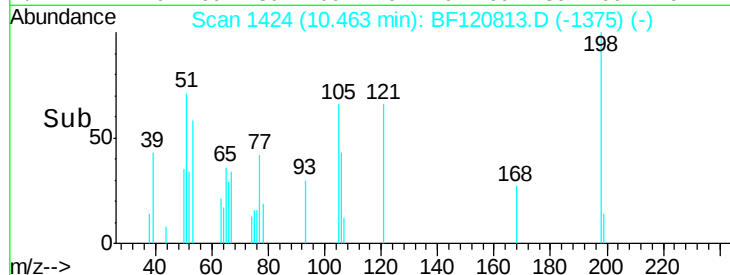
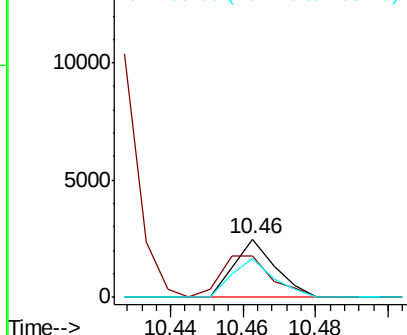
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.459 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:198 Resp: 1981
 Ion Ratio Lower Upper
 198 100
 51 71.4 50.0 90.0
 105 65.5 38.3 78.3

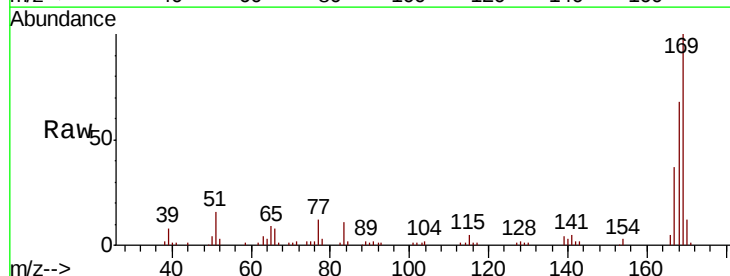


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

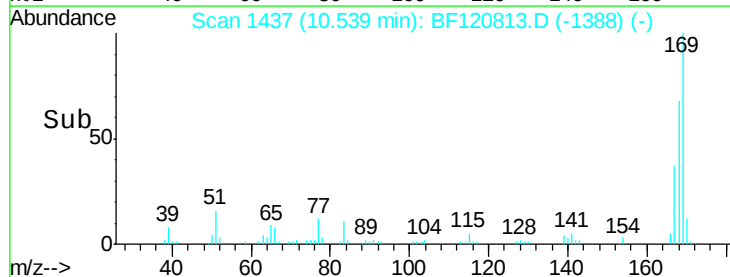
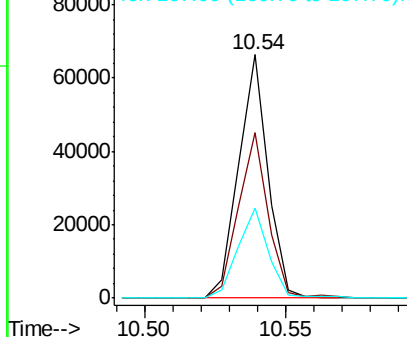


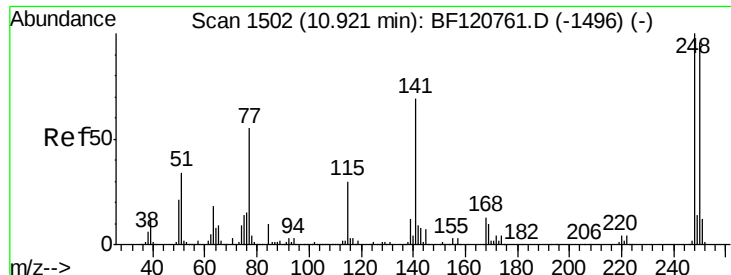
#66
 n-Nitrosodiphenylamine
 Concen: 3.376 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:169 Resp: 47812
 Ion Ratio Lower Upper
 169 100
 168 68.0 53.1 79.7
 167 37.1 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

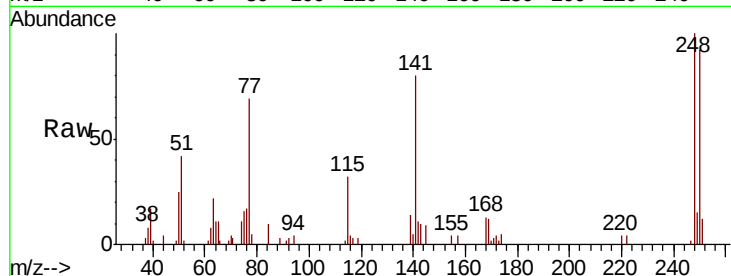




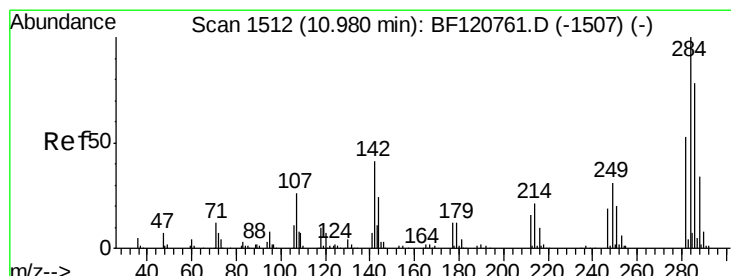
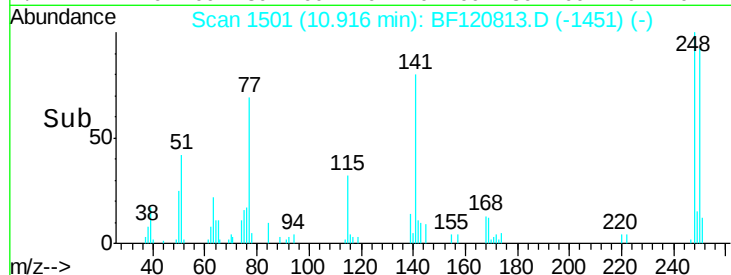
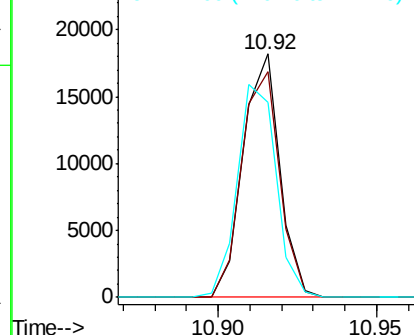
#67
 4-Bromophenyl-phenylether
 Concen: 2.966 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot	Ion:248	Resp:	14539
Ion	Ratio	Lower	Upper
248	100		
250	92.5	76.5	114.7
141	80.1	54.9	82.3

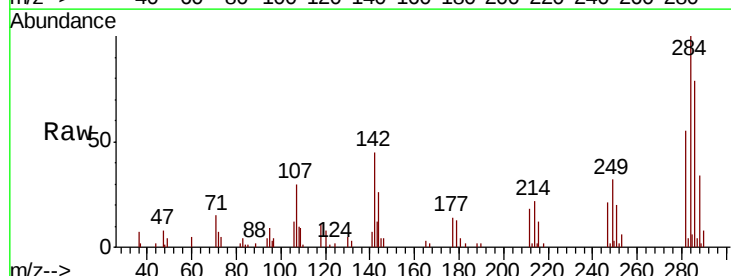


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

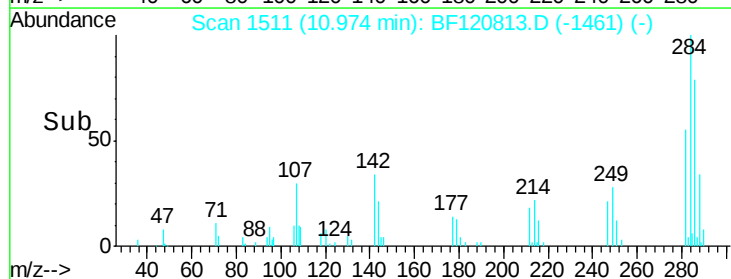
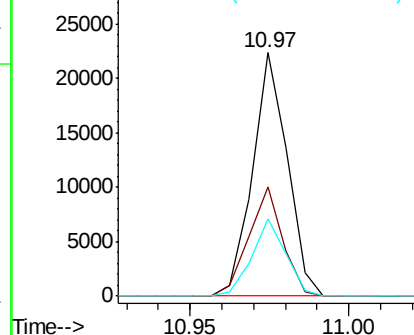


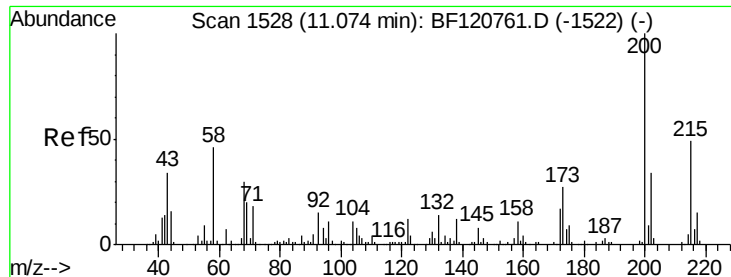
#68
 Hexachlorobenzene
 Concen: 3.293 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:284	Resp:	16941	
Ion Ratio	Lower	Upper	
284 100			
142 44.6	32.5	48.7	
249 35.0	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

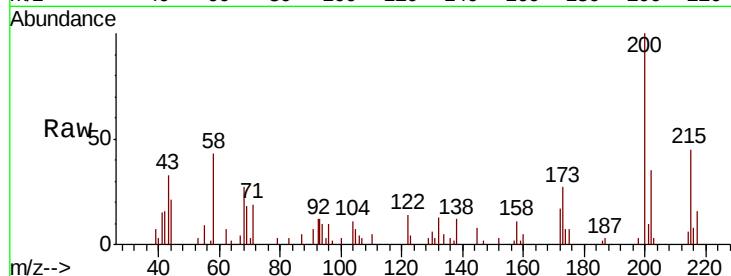




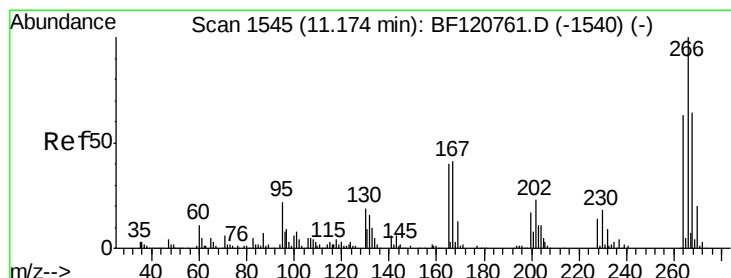
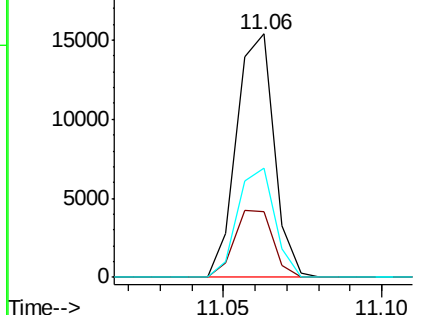
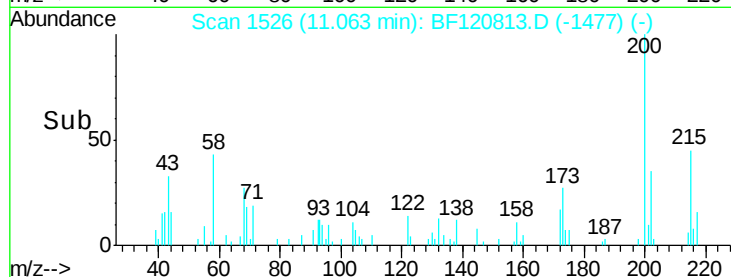
#69
 Atrazine
 Concen: 3.457 ng
 RT: 11.06 min Scan# 1526
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:200 Resp: 12615
 Ion Ratio Lower Upper
 200 100
 173 26.8 7.4 47.4
 215 45.0 28.8 68.8

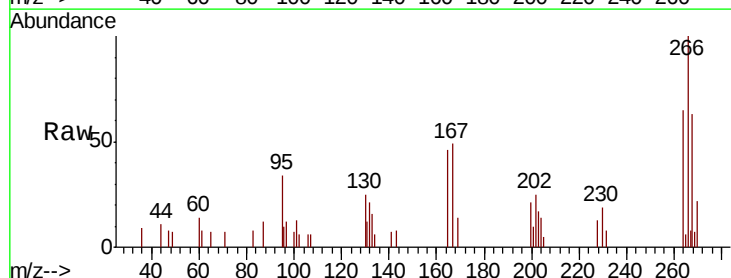


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

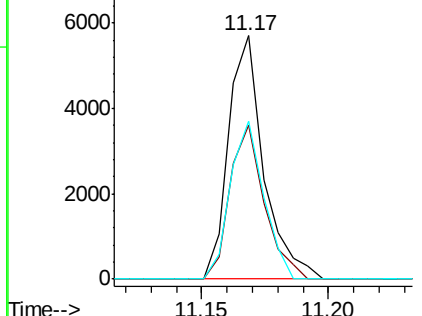
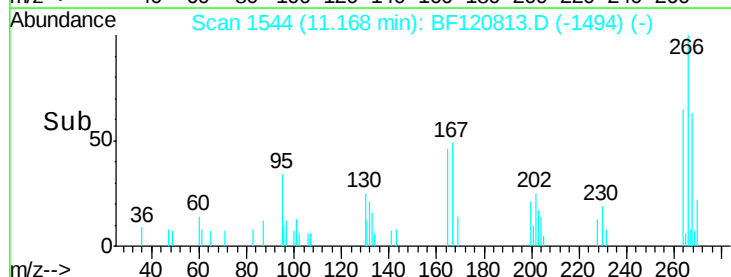


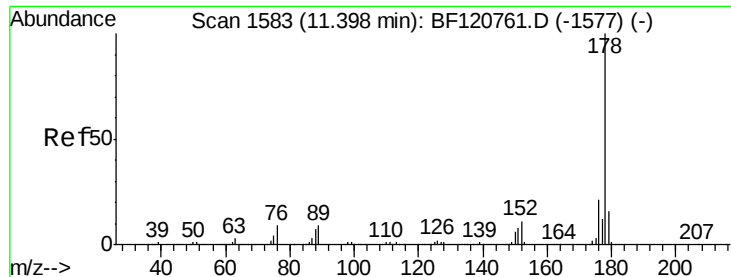
#70
 Pentachlorophenol
 Concen: 1.889 ng
 RT: 11.17 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:266 Resp: 5497
 Ion Ratio Lower Upper
 266 100
 268 69.9 51.4 77.2
 264 71.1 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

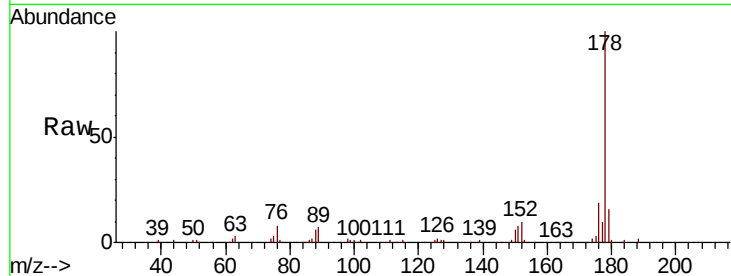




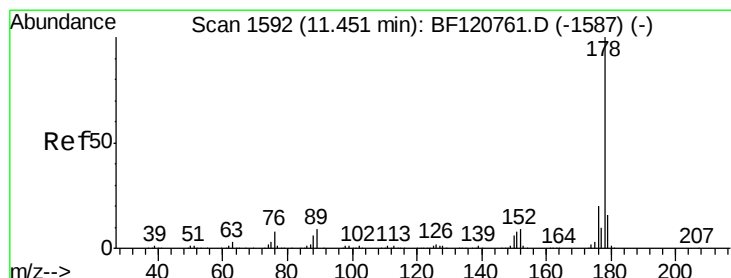
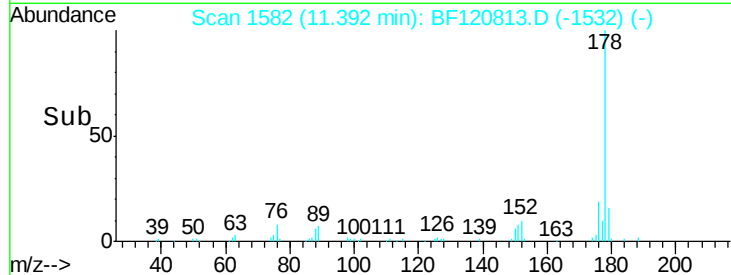
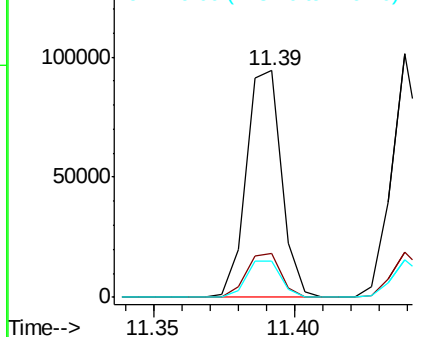
#71
Phenanthrene
Concen: 3.572 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:178 Resp: 81895
Ion Ratio Lower Upper
178 100
176 19.1 16.4 24.6
179 15.7 12.9 19.3

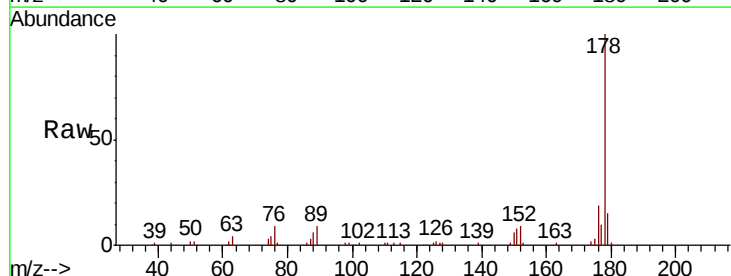


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

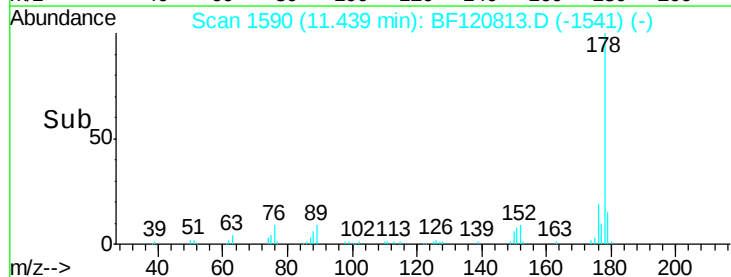
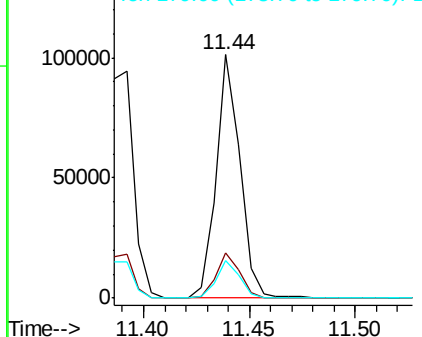


#72
Anthracene
Concen: 3.443 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:178 Resp: 79778
Ion Ratio Lower Upper
178 100
176 18.7 16.2 24.2
179 15.5 12.7 19.1



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

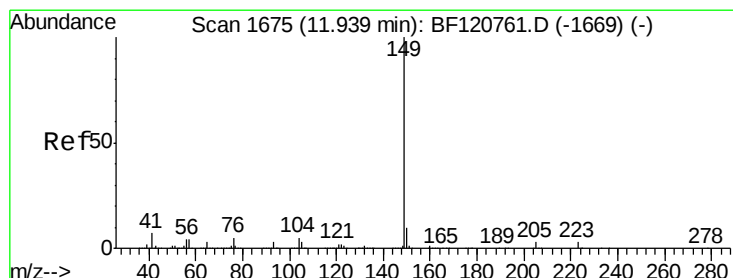
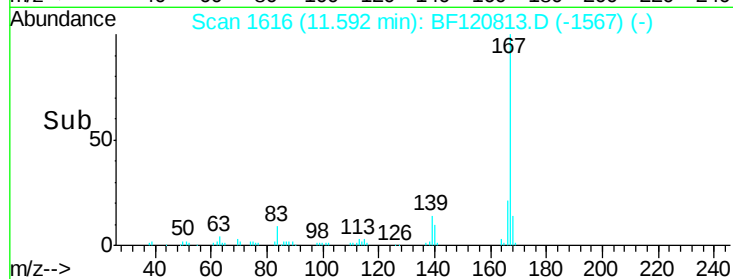
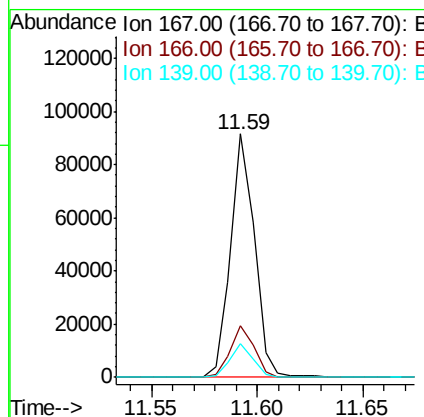
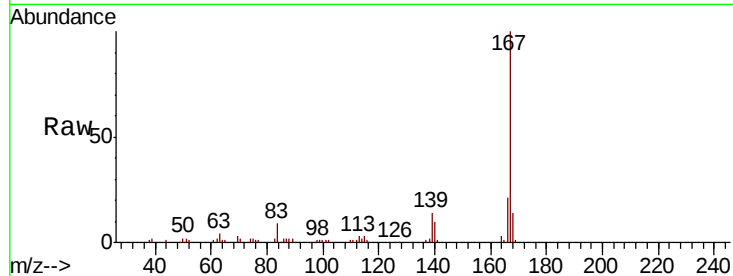




#73
 Carbazole
 Concen: 3.206 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

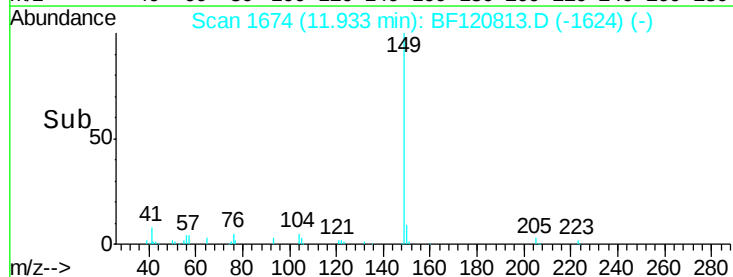
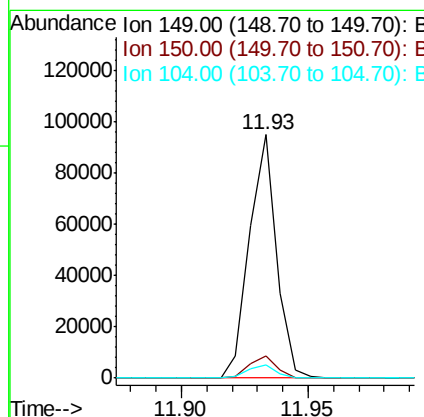
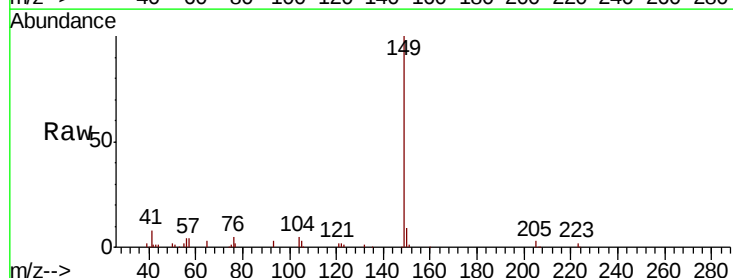
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

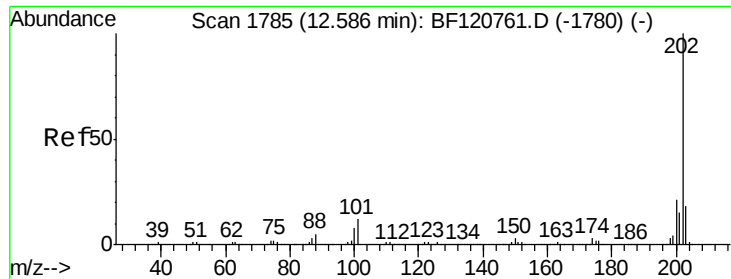
Tot Ion:167 Resp: 71375
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.8 26.8
 139 14.1 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 2.571 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:149 Resp: 70869
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.2 4.0 6.0

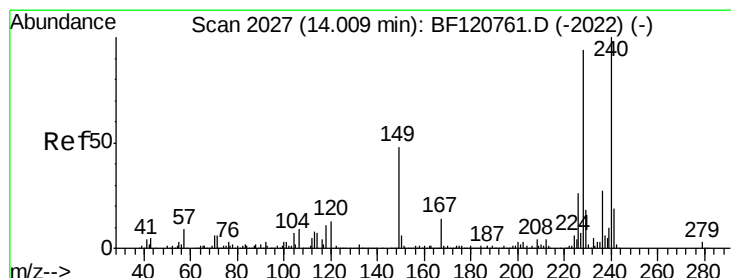
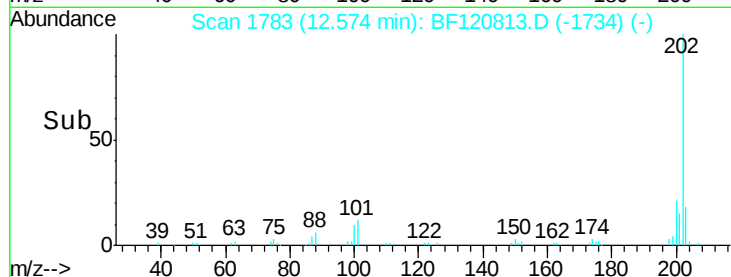
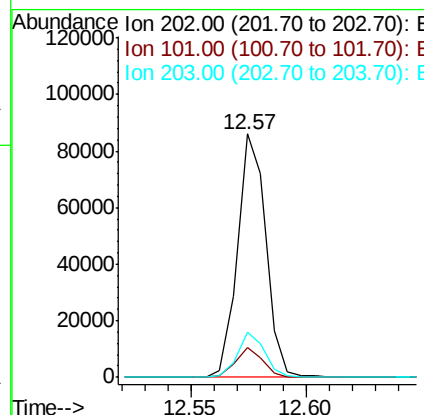
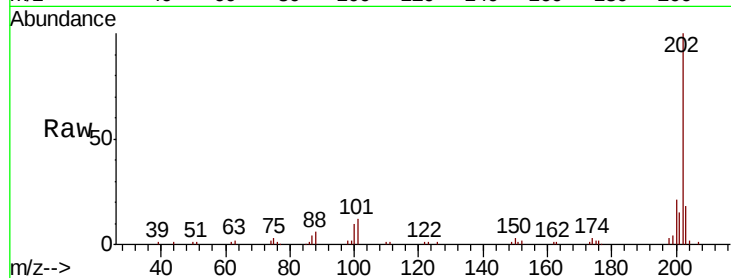




#75
Fluoranthene
Concen: 3.023 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

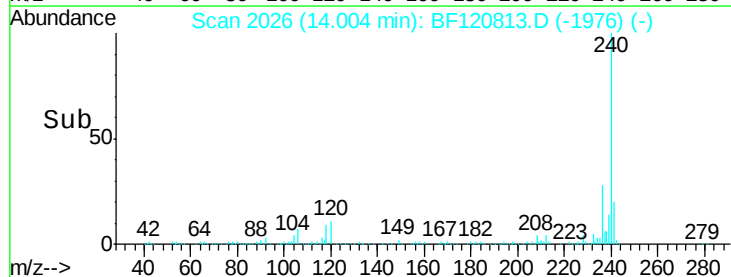
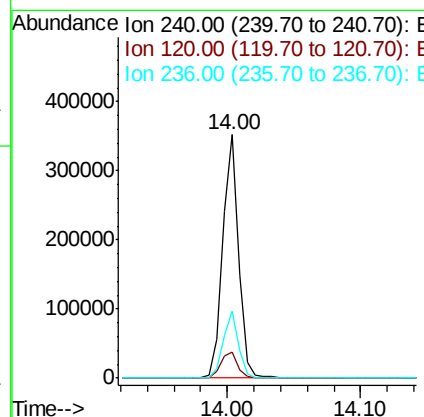
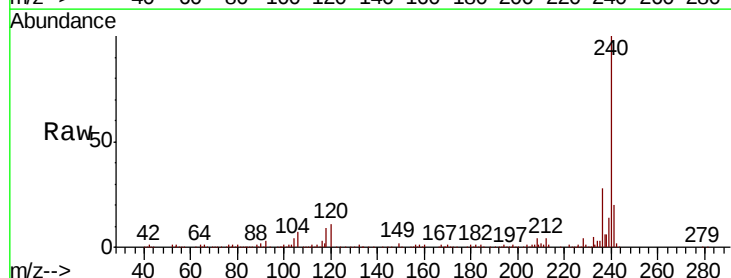
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

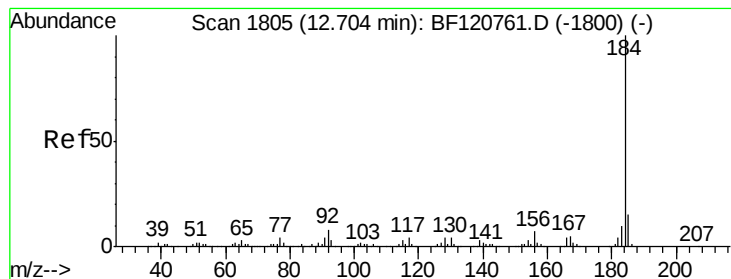
Tot Ion:202 Resp: 73845
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.6
203 18.5 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:240 Resp: 296302
Ion Ratio Lower Upper
240 100
120 10.7 10.3 15.5
236 27.6 21.4 32.2





#77

Benzidine

Concen: 2.800 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

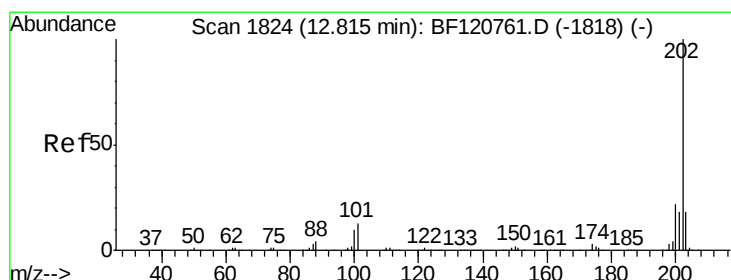
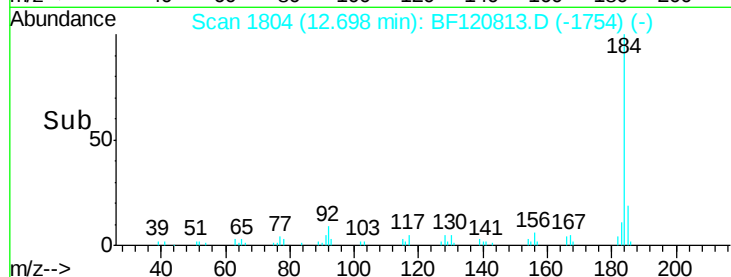
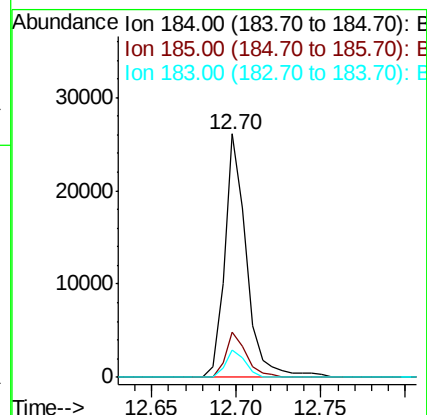
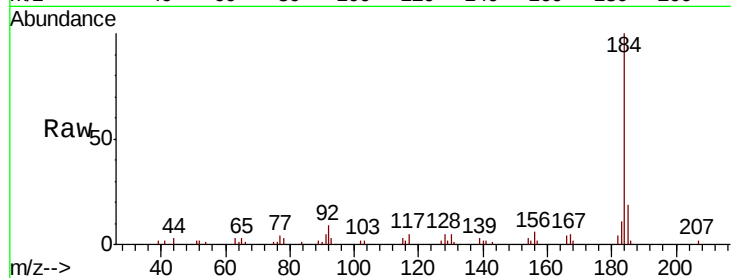
Tot Ion:184 Resp: 23417

Ion Ratio Lower Upper

184 100

185 18.5 11.8 17.8#

183 11.1 8.3 12.5



#78

Pyrene

Concen: 3.369 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

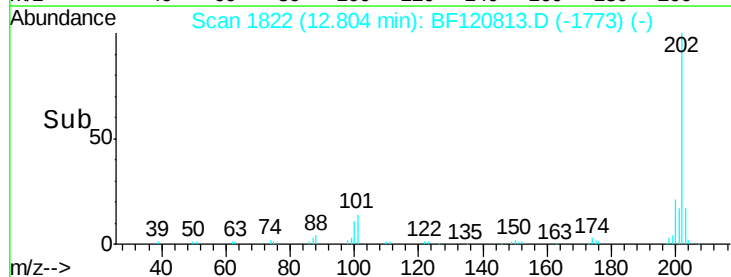
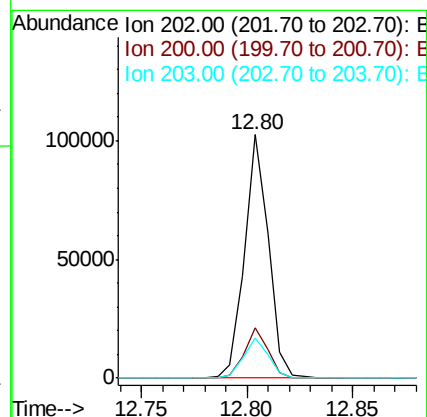
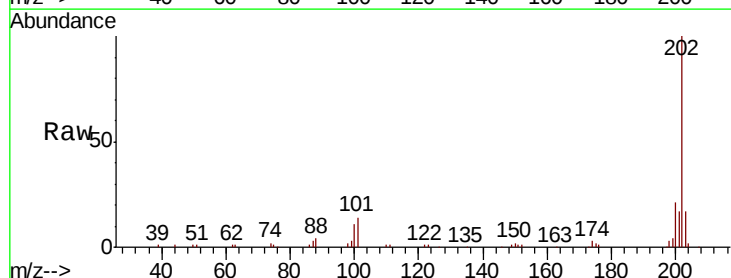
Tgt Ion:202 Resp: 79717

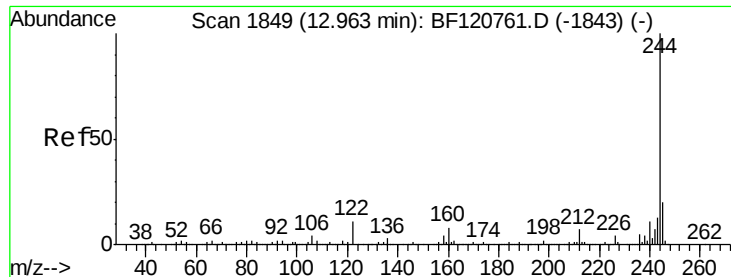
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 16.7 14.6 22.0





#79

Terphenyl-d14

Concen: 64.369 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

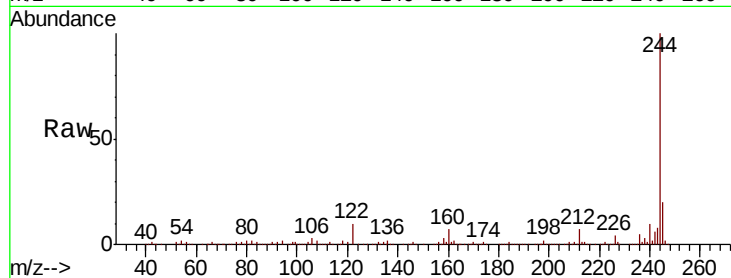
Tot Ion:244 Resp: 974151

Ion Ratio Lower Upper

244 100

212 6.7 5.6 8.4

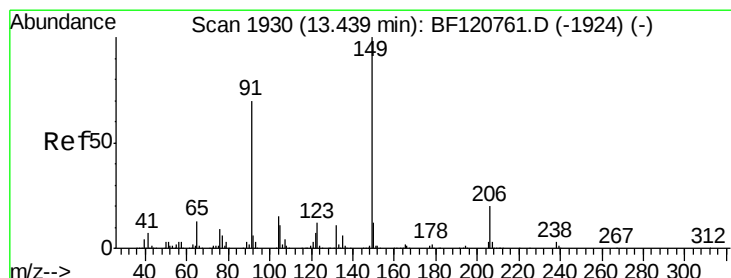
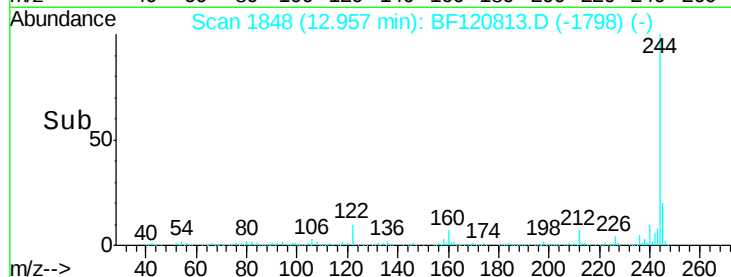
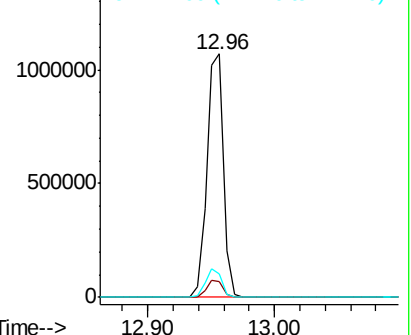
122 9.7 9.0 13.4



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: 2.109 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

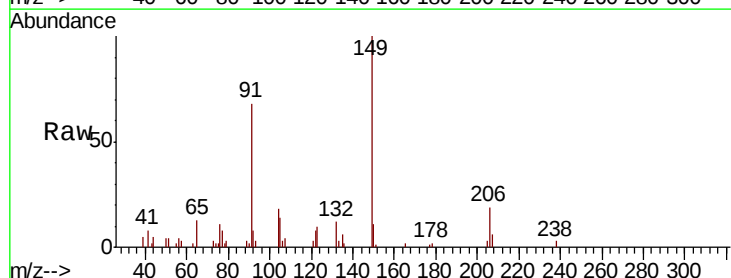
Tgt Ion:149 Resp: 21543

Ion Ratio Lower Upper

149 100

91 68.3 55.8 83.8

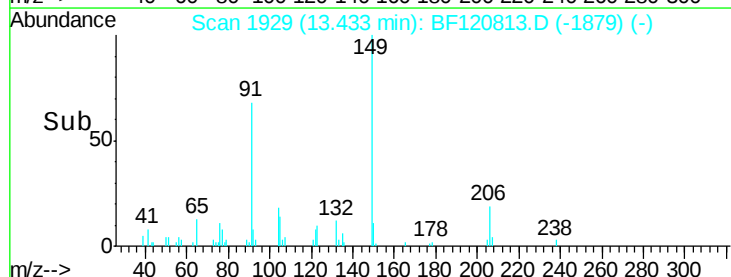
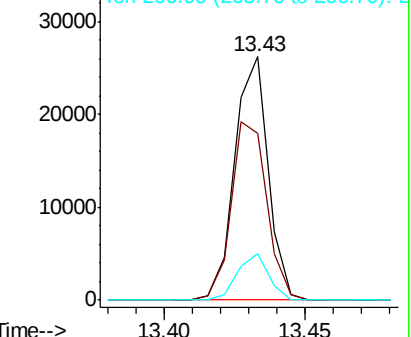
206 19.1 15.7 23.5

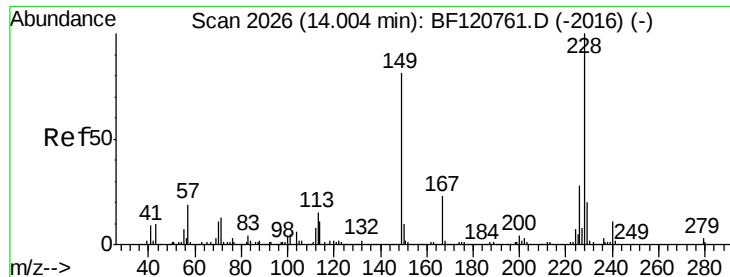


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

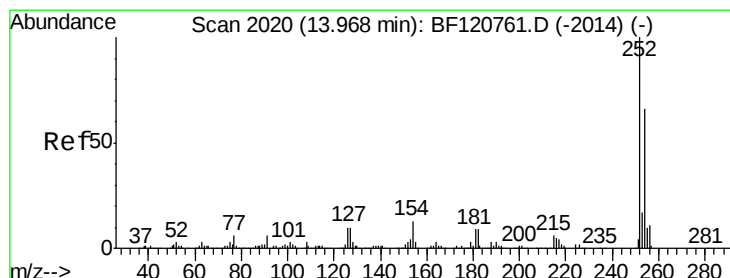
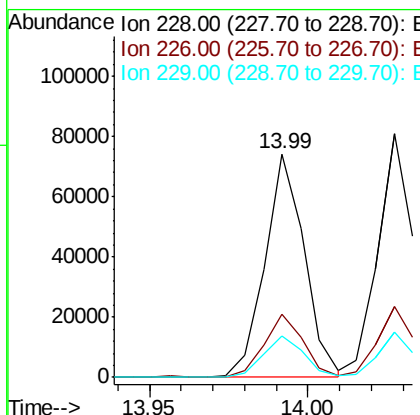
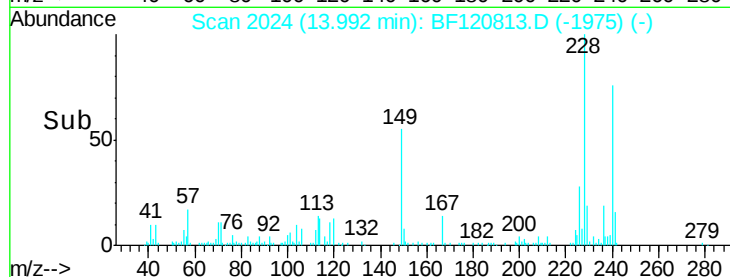
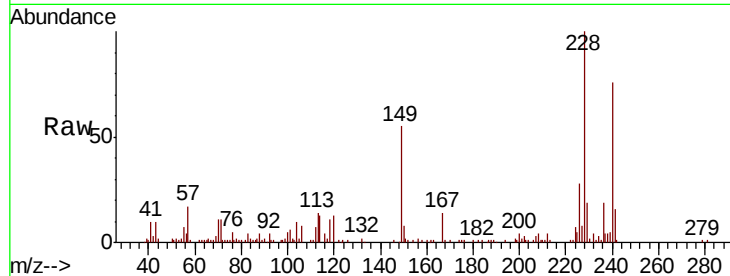




#81
Benzo(a)anthracene
Concen: 3.384 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

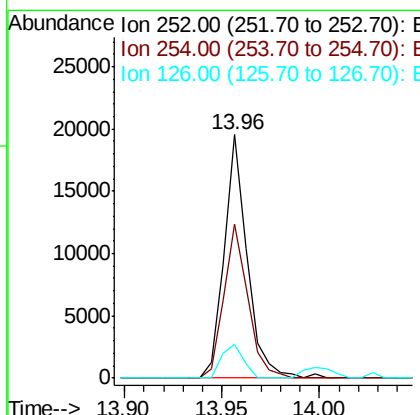
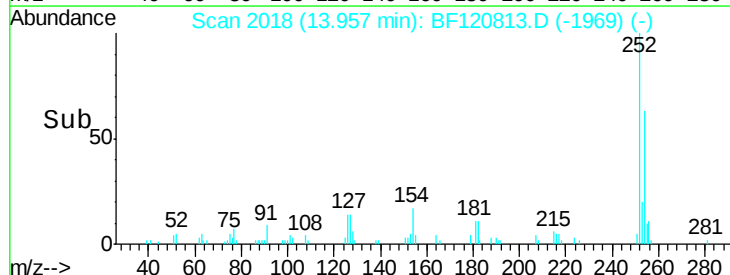
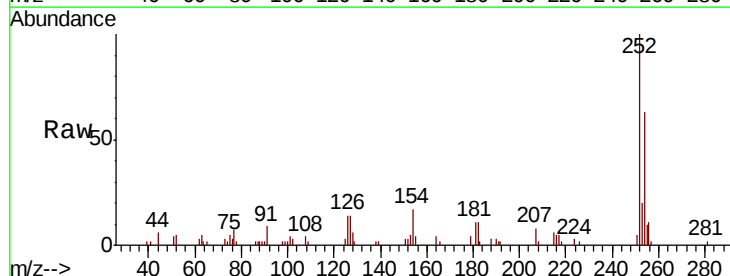
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

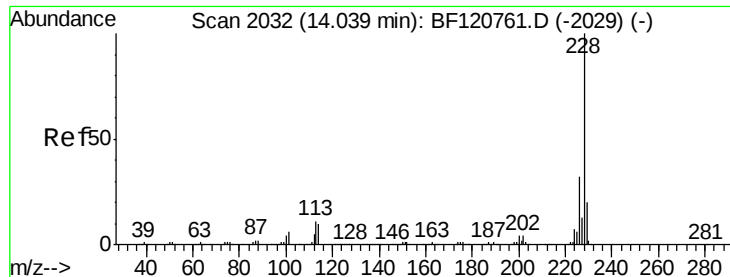
Tot Ion:228 Resp: 64282
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 18.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 2.503 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:252 Resp: 16045
Ion Ratio Lower Upper
252 100
254 63.1 52.6 78.8
126 13.6 7.8 11.8#

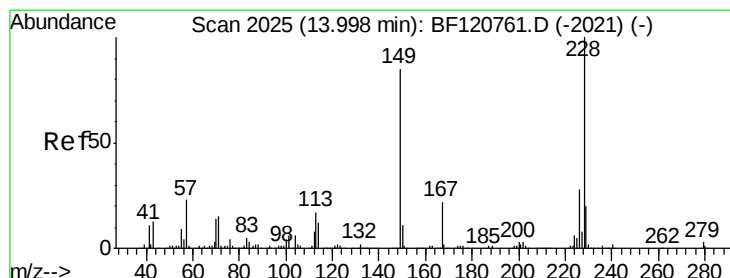
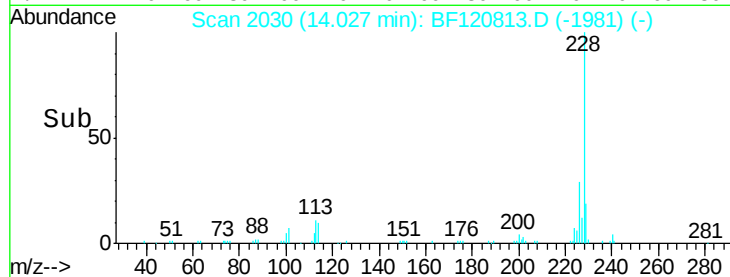
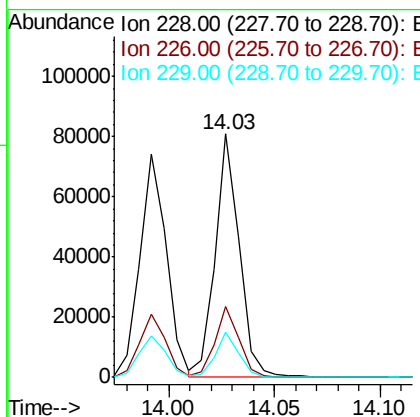
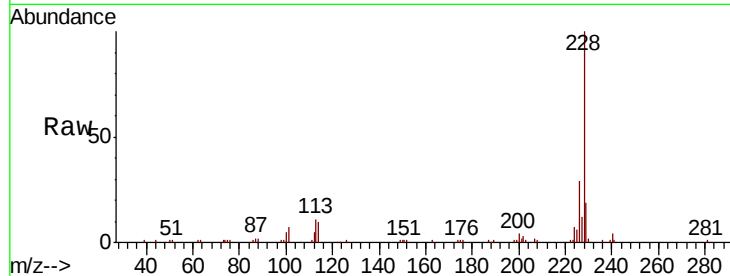




#83
 Chrvsene
 Concen: 3.326 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

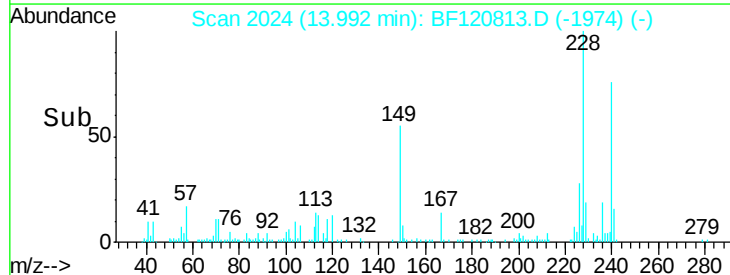
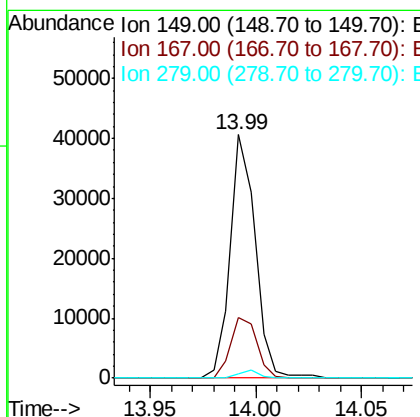
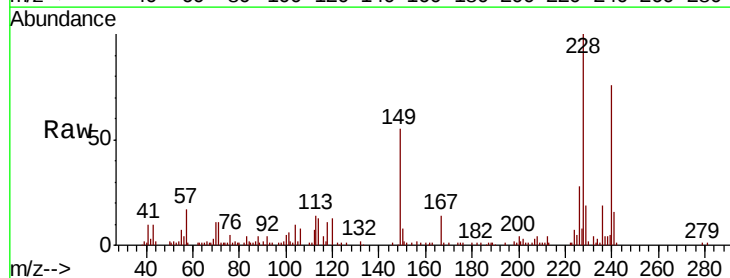
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

Tot Ion:228 Resp: 64428
 Ion Ratio Lower Upper
 228 100
 226 28.9 25.7 38.5
 229 18.6 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.477 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion:149 Resp: 33187
 Ion Ratio Lower Upper
 149 100
 167 24.9 20.9 31.3
 279 1.9 2.6 4.0#

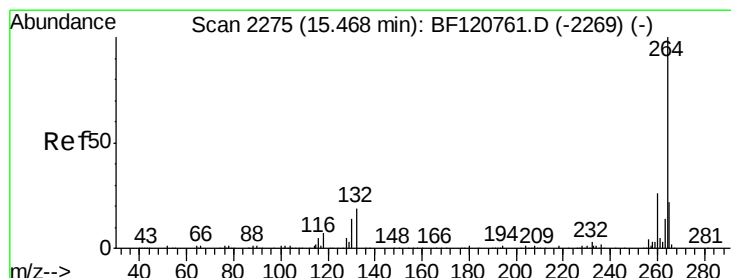
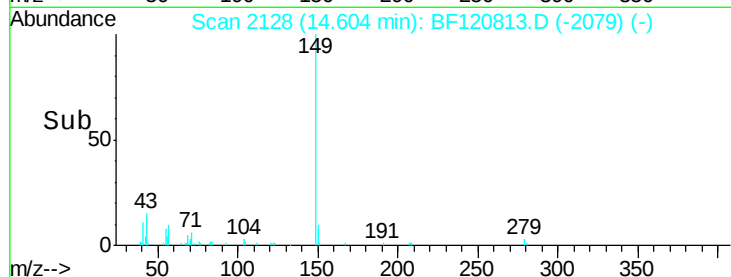
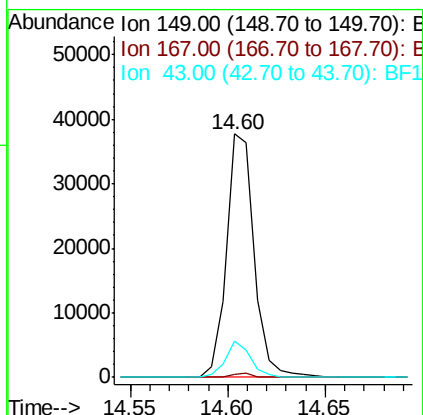
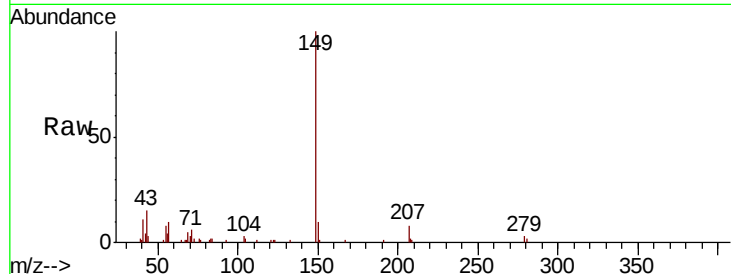




#85
Di-n-octyl phthalate
Concen: 1.557 ng
RT: 14.60 min Scan# 2128
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

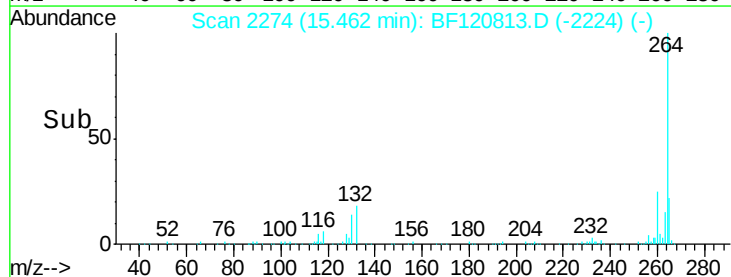
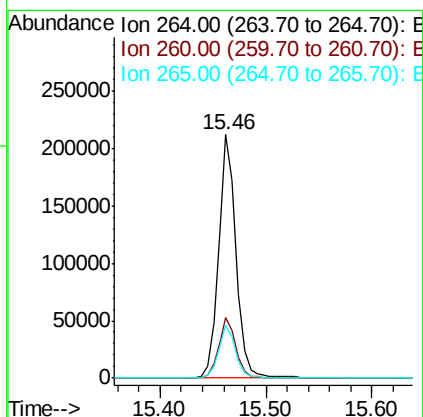
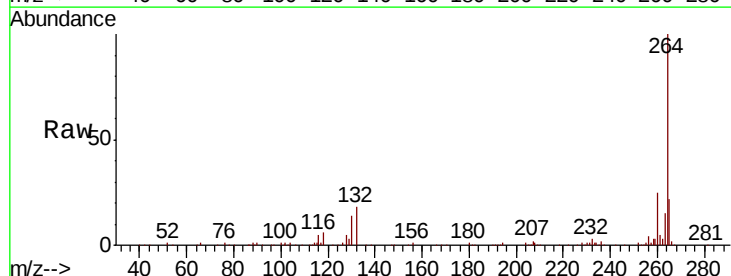
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

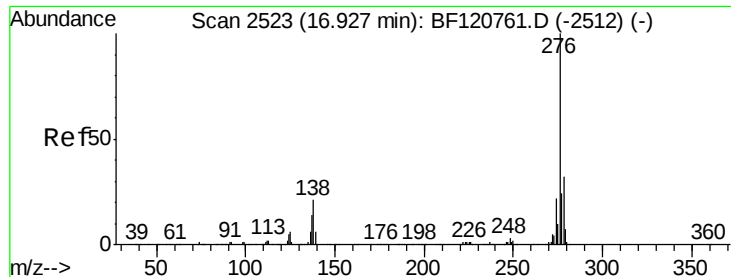
Tot Ion:149 Resp: 36912
Ion Ratio Lower Upper
149 100
167 1.1 1.2 1.8#
43 13.4 8.7 13.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:264 Resp: 247412
Ion Ratio Lower Upper
264 100
260 25.1 20.6 30.8
265 21.8 17.6 26.4

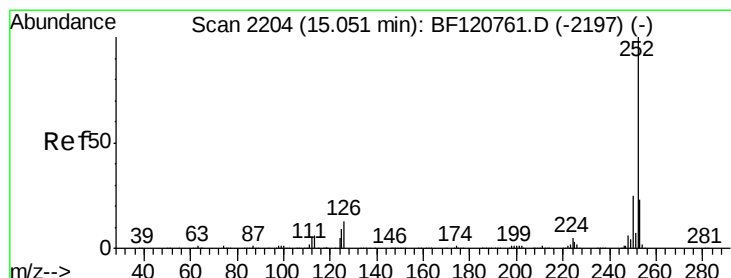
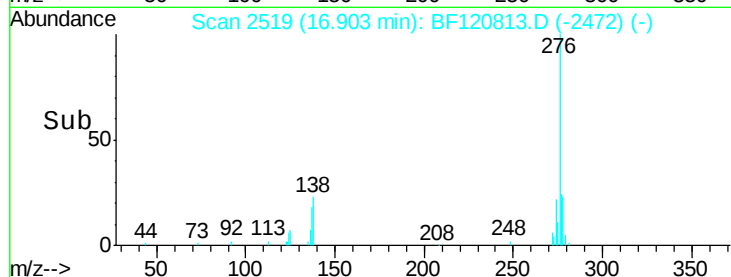
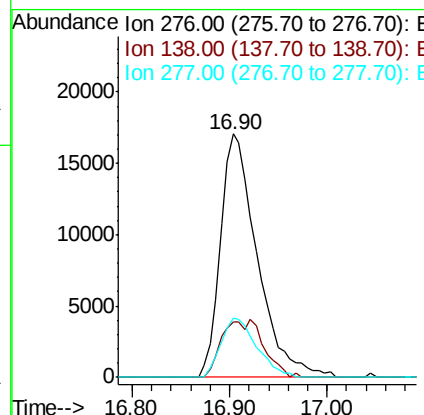
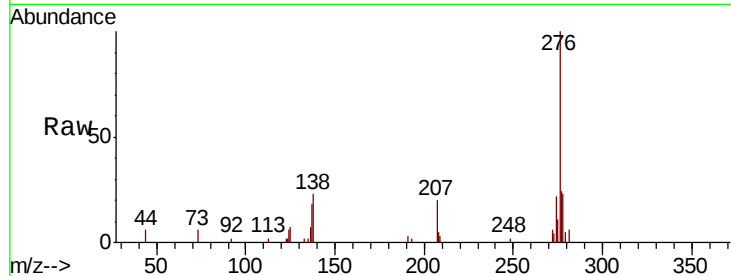




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 2.808 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

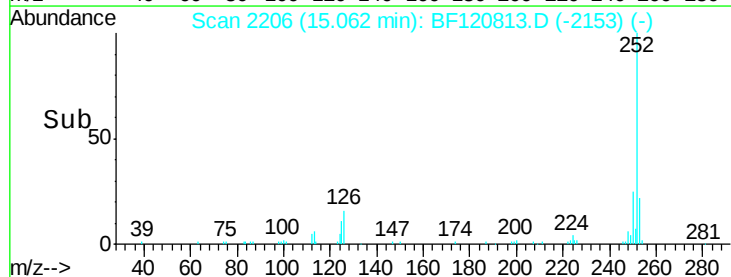
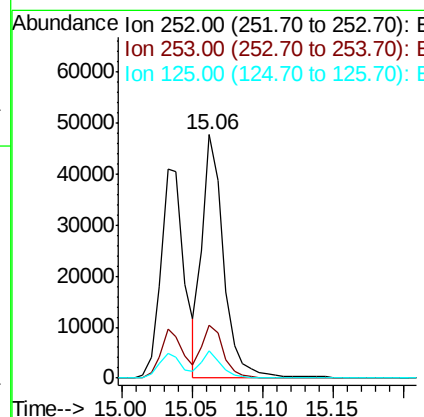
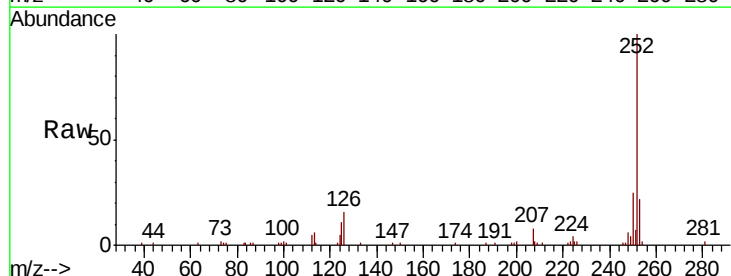
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

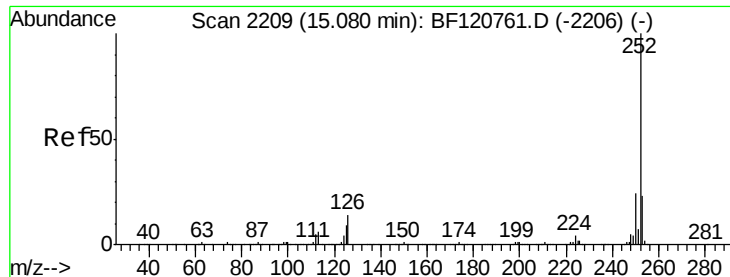
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.0	19.8	29.8
277	23.7	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 3.119 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. 0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	11.0	7.5	11.3

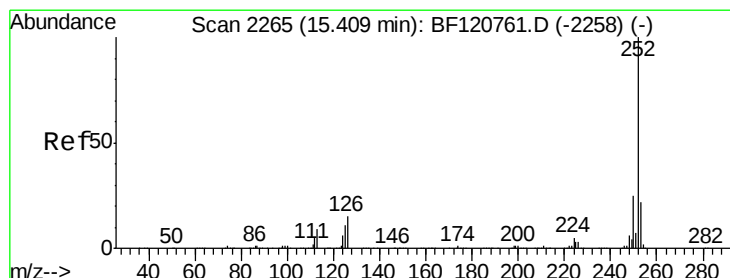
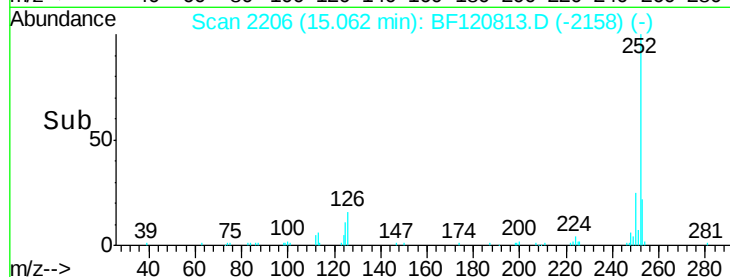
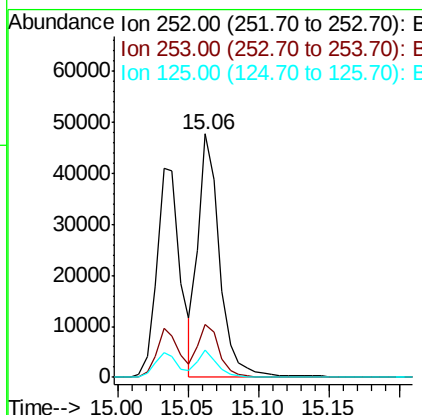
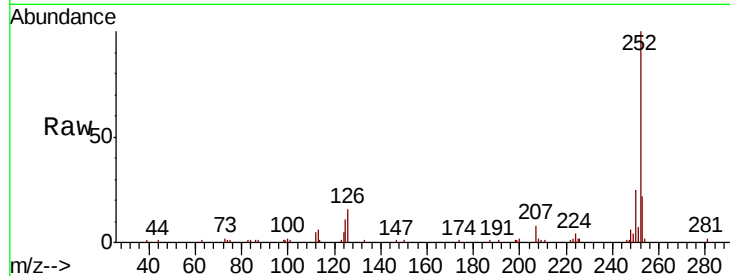




#89
Benzo(k)fluoranthene
Concen: 3.205 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

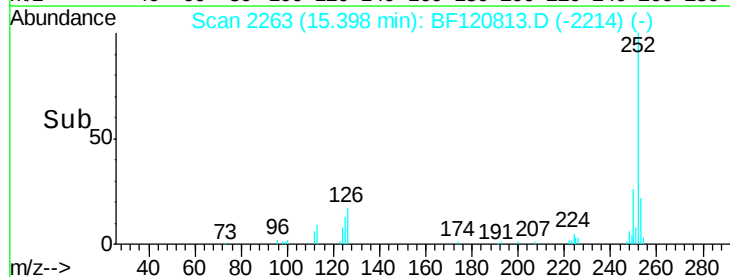
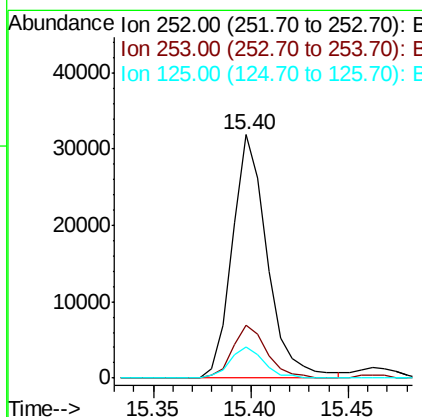
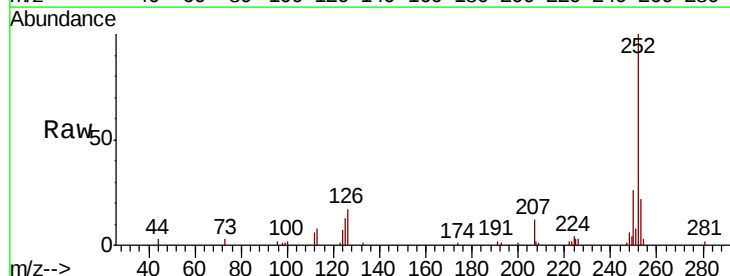
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

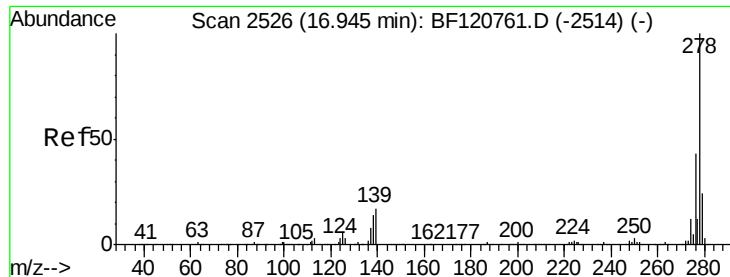
Tot Ion:252 Resp: 50725
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.0 7.6 11.4



#90
Benzo(a)pyrene
Concen: 2.737 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:252 Resp: 39706
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 12.5 9.2 13.8

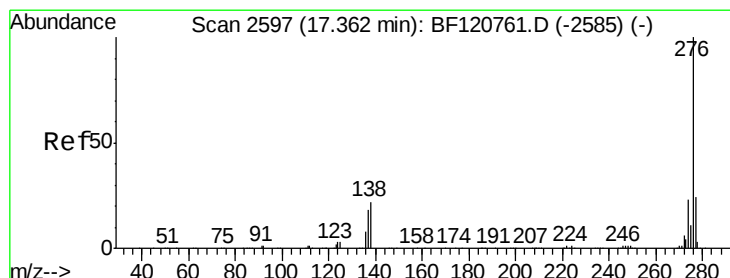
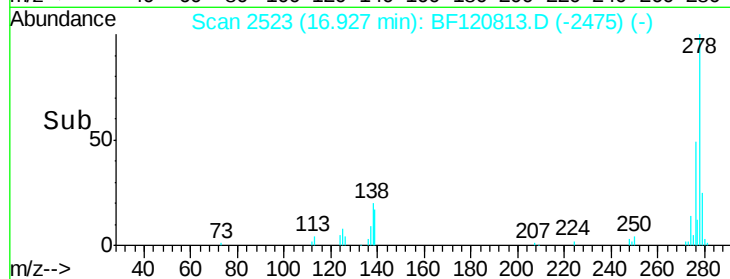
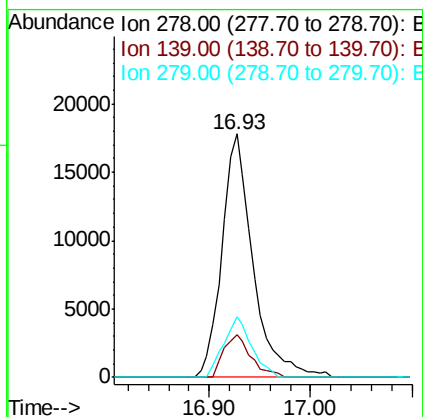
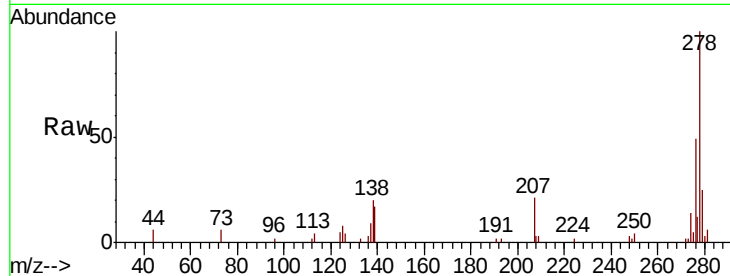




#91
Dibenzo(a,h)anthracene
Concen: 2.860 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

Tot Ion:278 Resp: 37828
Ion Ratio Lower Upper
278 100
139 17.4 13.3 19.9
279 24.6 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 3.058 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion:276 Resp: 36963
Ion Ratio Lower Upper
276 100
277 25.6 18.8 28.2
138 22.1 17.4 26.2

