

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
 Data File : BF120814.D
 Acq On : 9 Jul 2020 13:01
 Operator : JU/CG
 Sample : L3216-07
 Misc : LOD-MDL-WATER-8PPM
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Jul 09 13:25:47 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	138709	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	524964	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	257241	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	461103	20.00	ng	0.00
76) Chrysene-d12	14.00	240	330518	20.00	ng	0.00
86) Perylene-d12	15.46	264	268440	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	833722	92.78	ng	0.00
7) Phenol-d6	6.47	99	1065735	92.87	ng	0.00
23) Nitrobenzene-d5	7.41	82	720157	79.48	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	253100	97.94	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1300645	76.50	ng	0.00
79) Terphenyl-d14	12.96	244	1059325	62.75	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.59	88	32267	7.861	ng	99
3) Pyridine	3.37	79	62471	5.556	ng	99
4) n-Nitrosodimethylamine	3.26	42	36455	6.481	ng	95
6) Aniline	6.51	93	104389	7.083	ng	95
8) 2-Chlorophenol	6.63	128	67377	7.043	ng	96
9) Benzaldehyde	6.39	77	58501	8.572	ng	96
10) Phenol	6.48	94	84320	7.143	ng	94
11) bis(2-Chloroethyl)ether	6.58	93	66210	6.893	ng	100
12) 1,3-Dichlorobenzene	6.79	146	74215	7.048	ng	96
13) 1,4-Dichlorobenzene	6.86	146	74348	7.049	ng	99
14) 1,2-Dichlorobenzene	7.02	146	71015	7.077	ng	98
15) Benzyl Alcohol	6.98	79	66172	7.675	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	98961	6.605	ng	99
17) 2-Methylphenol	7.09	107	53473	6.248	ng	98
18) Hexachloroethane	7.36	117	27243	6.872	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	46015	6.660	ng	97
20) 3+4-Methylphenols	7.24	107	68588	6.507	ng	94
22) Acetophenone	7.25	105	99662	7.638	ng	95
24) Nitrobenzene	7.42	77	75759	7.447	ng	94
25) Isophorone	7.66	82	126675	6.483	ng	97
26) 2-Nitrophenol	7.74	139	23478	6.313	ng	94
27) 2,4-Dimethylphenol	7.77	122	56599	7.256	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	80448	6.956	ng	97
29) 2,4-Dichlorophenol	7.98	162	49186	6.316	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	58940	6.739	ng	99
31) Naphthalene	8.15	128	202991	7.235	ng	97
32) Benzoic acid	7.83	122	17669	4.185	ng	95
33) 4-Chloroaniline	8.19	127	77093	6.476	ng	# 94
34) Hexachlorobutadiene	8.27	225	33600	6.387	ng	98
35) Caprolactam	8.52	113	13436	5.921	ng	91
36) 4-Chloro-3-methylphenol	8.67	107	52250	6.450	ng	96
37) 2-Methylnaphthalene	8.84	142	128282	7.034	ng	98
38) 1-Methylnaphthalene	8.94	142	119523	6.996	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	56366	7.250	ng	99

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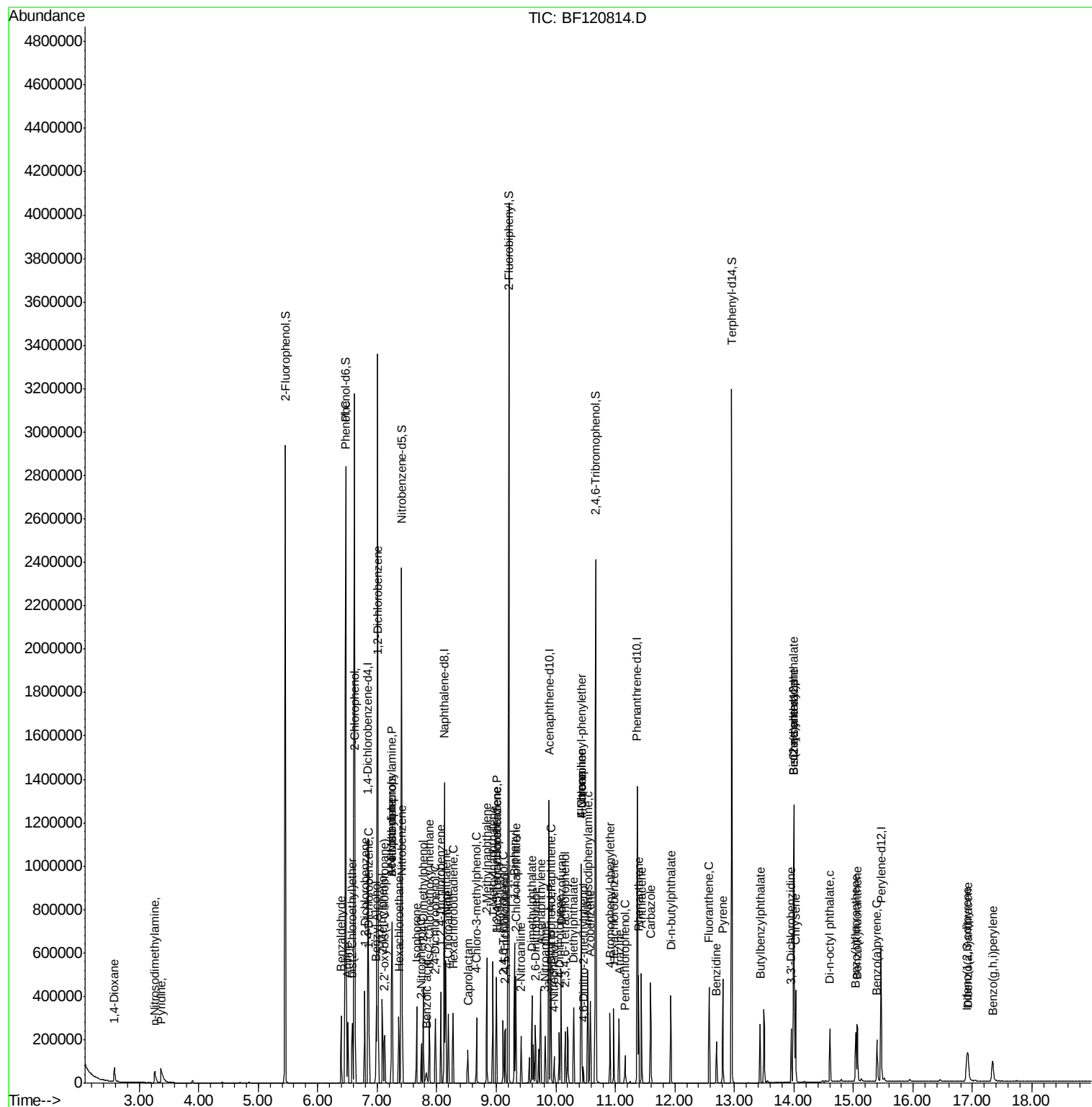
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	26274	5.720	ng	98
43) 2,4,6-Trichlorophenol	9.12	196	31417	5.930	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	33994	5.782	ng	99
46) 1,1'-Biphenyl	9.30	154	159904	7.706	ng	99
47) 2-Chloronaphthalene	9.33	162	113639	6.836	ng	98
48) 2-Nitroaniline	9.42	65	30010	6.747	ng	# 85
49) Acenaphthylene	9.75	152	180244	6.916	ng	97
50) Dimethylphthalate	9.60	163	124557	6.638	ng	98
51) 2,6-Dinitrotoluene	9.66	165	22217	6.554	ng	86
52) Acenaphthene	9.92	154	106426	6.582	ng	97
53) 3-Nitroaniline	9.83	138	26917	6.427	ng	96
54) 2,4-Dinitrophenol	9.93	184	3093	2.763	ng	# 1
55) Dibenzofuran	10.09	168	161466	6.928	ng	98
56) 4-Nitrophenol	9.97	139	16671	5.419	ng	99
57) 2,4-Dinitrotoluene	10.06	165	26943	6.620	ng	96
58) Fluorene	10.43	166	124168	7.158	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	23099	5.280	ng	95
60) Diethylphthalate	10.30	149	125250	6.407	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	59962	6.876	ng	96
62) 4-Nitroaniline	10.43	138	25138	6.305	ng	96
63) Azobenzene	10.58	77	136322	6.817	ng	92
65) 4,6-Dinitro-2-methylphenol	10.46	198	6450	4.354	ng	97
66) n-Nitrosodiphenylamine	10.54	169	103722	6.711	ng	99
67) 4-Bromophenyl-phenylether	10.92	248	31393	5.869	ng	97
68) Hexachlorobenzene	10.97	284	35113	6.256	ng	97
69) Atrazine	11.06	200	28184	7.079	ng	98
70) Pentachlorophenol	11.17	266	14204	4.473	ng	99
71) Phenanthrene	11.39	178	170365	6.809	ng	99
72) Anthracene	11.44	178	172788	6.835	ng	99
73) Carbazole	11.59	167	152115	6.261	ng	99
74) Di-n-butylphthalate	11.93	149	168146	5.590	ng	99
75) Fluoranthene	12.57	202	166332	6.241	ng	99
77) Benzidine	12.70	184	63082	6.762	ng	# 94
78) Pyrene	12.80	202	175864	6.662	ng	97
80) Butylbenzylphthalate	13.43	149	55200	4.844	ng	99
81) Benzo(a)anthracene	13.99	228	142846	6.742	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	40990	5.733	ng	# 97
83) Chrysene	14.03	228	136495	6.316	ng	97
84) Bis(2-ethylhexyl)phthalate	13.99	149	87333	5.844	ng	100
85) Di-n-octyl phthalate	14.60	149	106693	4.035	ng	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	99488	5.778	ng	97
88) Benzo(b)fluoranthene	15.04	252	107687	6.102	ng	98
89) Benzo(k)fluoranthene	15.06	252	116555	6.787	ng	95
90) Benzo(a)pyrene	15.40	252	91292	5.799	ng	97
91) Dibenzo(a,h)anthracene	16.93	278	85149	5.933	ng	97
92) Benzo(g,h,i)perylene	17.34	276	84547	6.446	ng	98

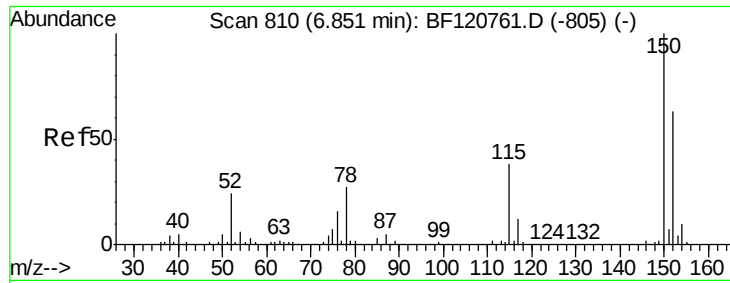
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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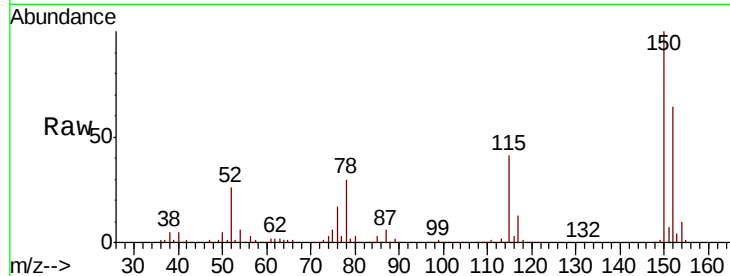


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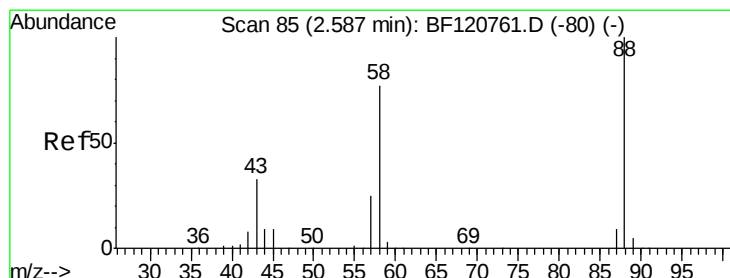
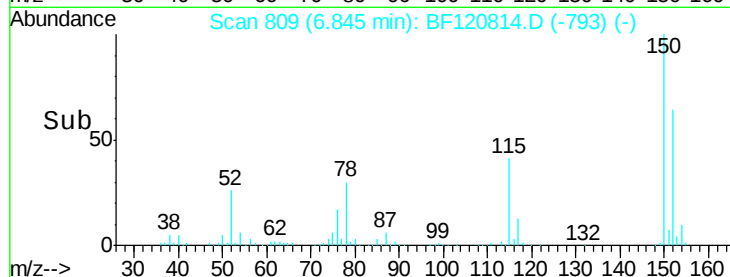
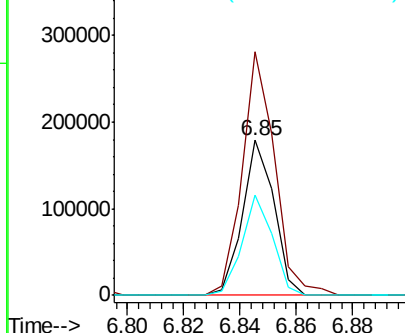
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:152 Resp: 138709
Ion Ratio Lower Upper
152 100
150 156.9 126.1 189.1
115 64.6 48.5 72.7



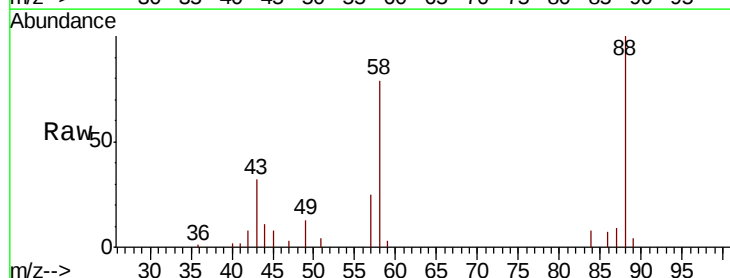
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



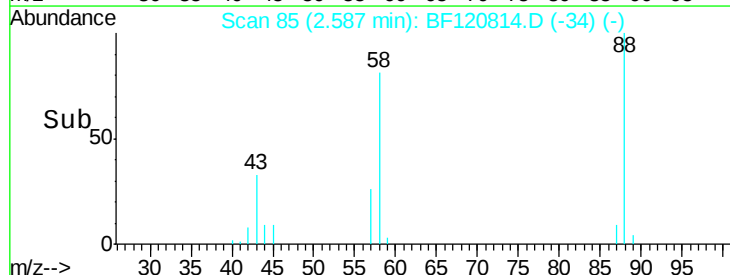
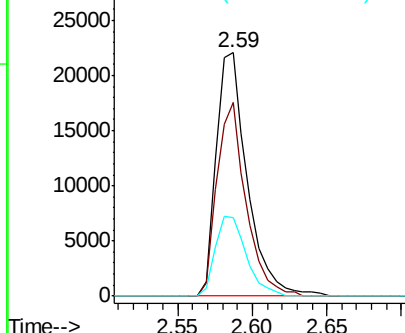
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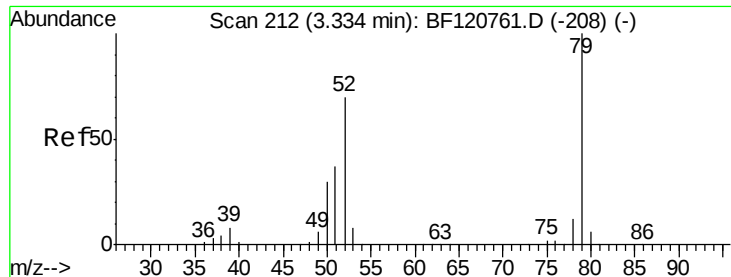
1,4-Dioxane
Concen: 7.861 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 88 Resp: 32267
Ion Ratio Lower Upper
88 100
58 74.2 60.4 90.6
43 32.5 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

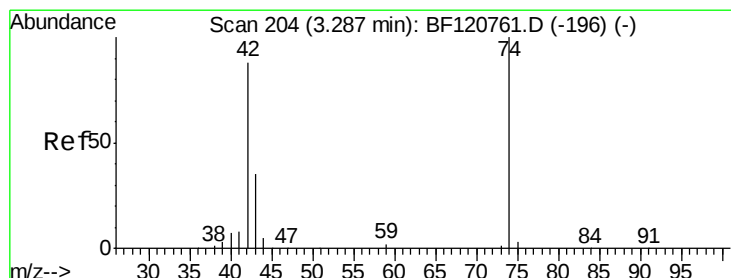
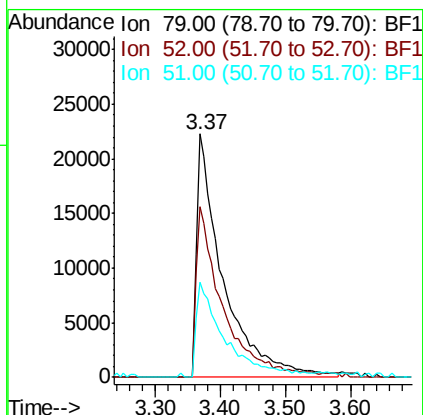
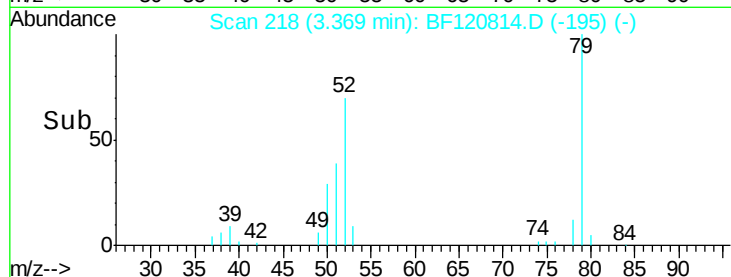
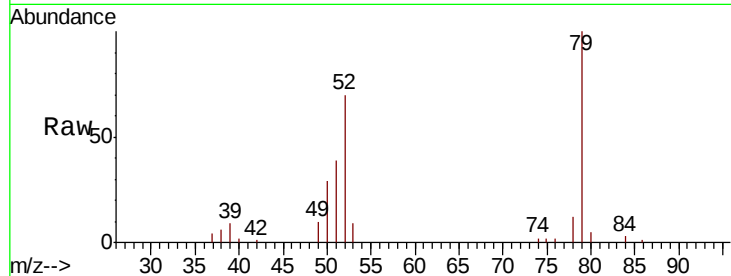




#3
 Pvridine
 Concen: 5.556 ng
 RT: 3.37 min Scan# 218
 Delta R.T. 0.04 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

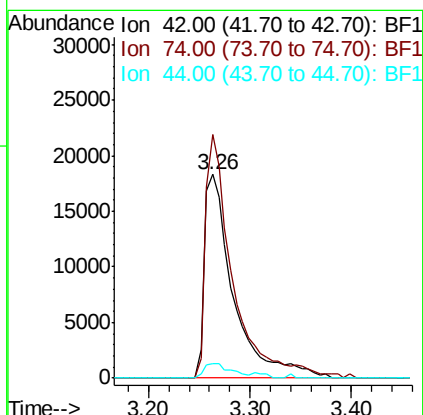
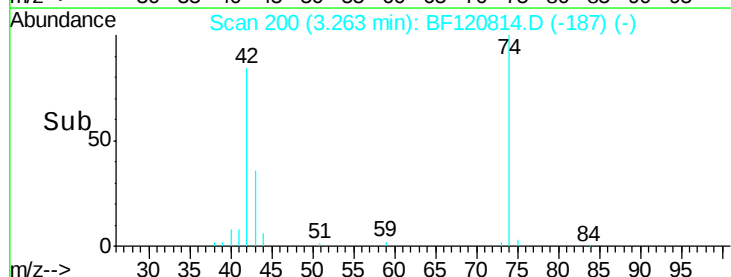
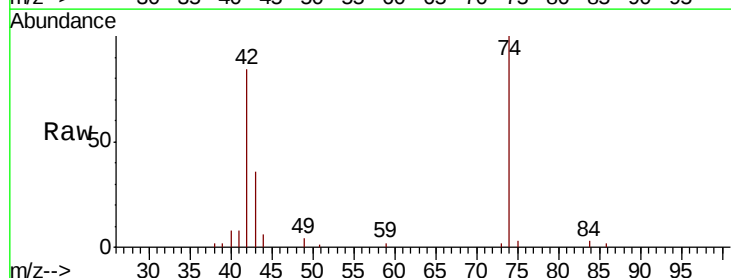
Instrument :
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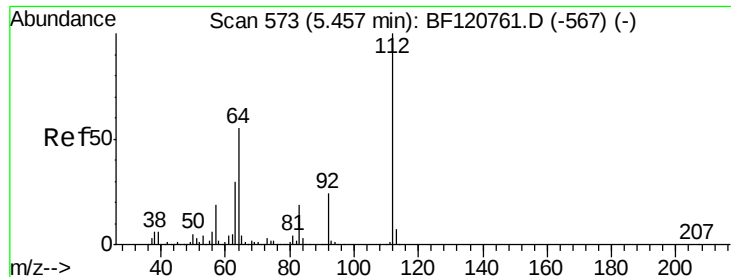
Tot Ion: 79 Resp: 62471
 Ion Ratio Lower Upper
 79 100
 52 70.1 56.3 84.5
 51 38.9 30.1 45.1



#4
 n-Nitrosodimethylamine
 Concen: 6.481 ng
 RT: 3.26 min Scan# 200
 Delta R.T. -0.02 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion: 42 Resp: 36455
 Ion Ratio Lower Upper
 42 100
 74 119.4 90.8 136.2
 44 7.3 5.8 8.8





#5

2-Fluorophenol

Concen: 92.782 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

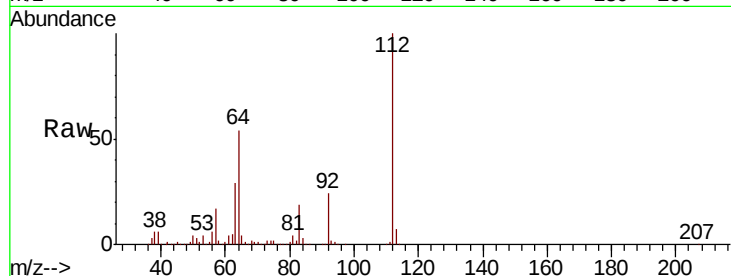
Tot Ion:112 Resp: 833722

Ion Ratio Lower Upper

112 100

64 54.1 43.8 65.6

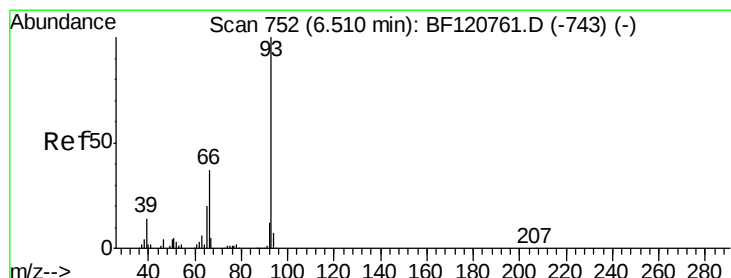
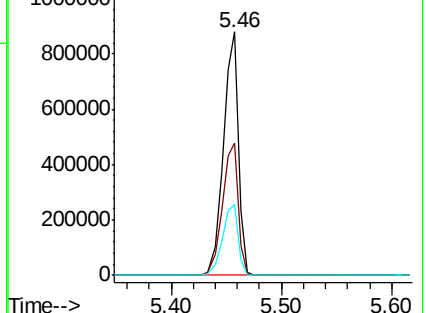
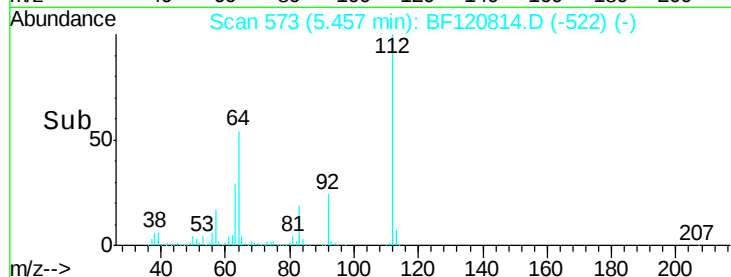
63 29.2 23.6 35.4



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: 7.083 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.00 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

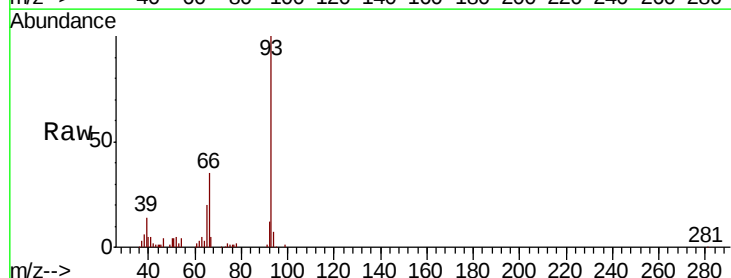
Tgt Ion: 93 Resp: 104389

Ion Ratio Lower Upper

93 100

66 35.2 31.3 46.9

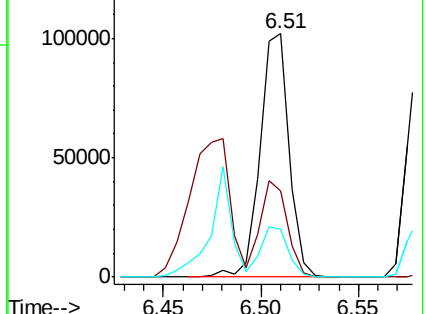
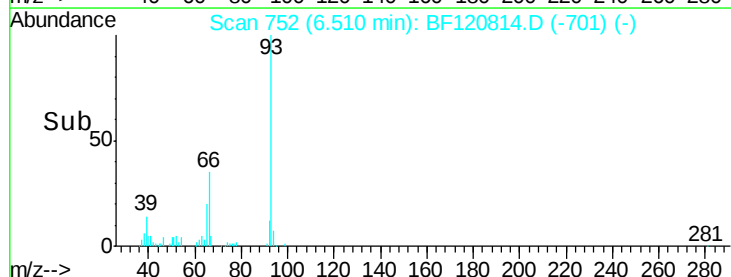
65 19.7 16.5 24.7

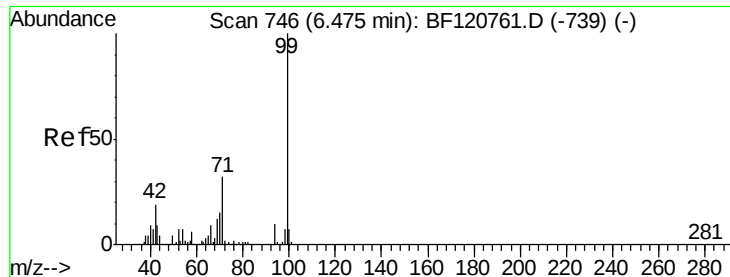


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.873 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

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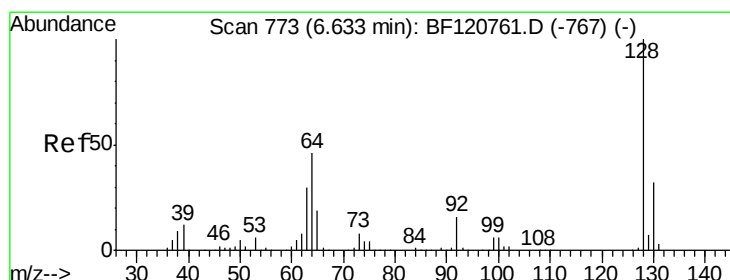
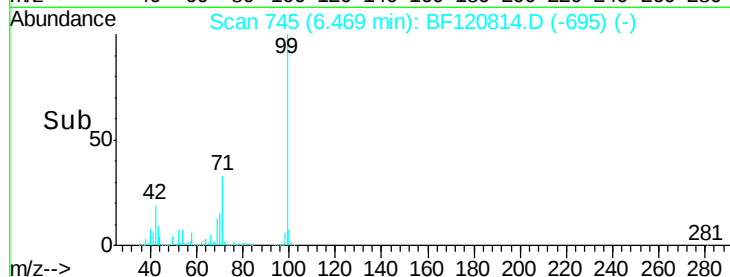
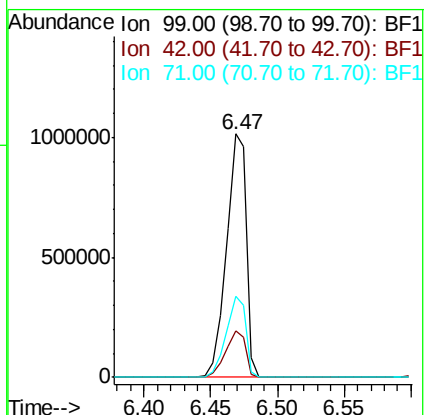
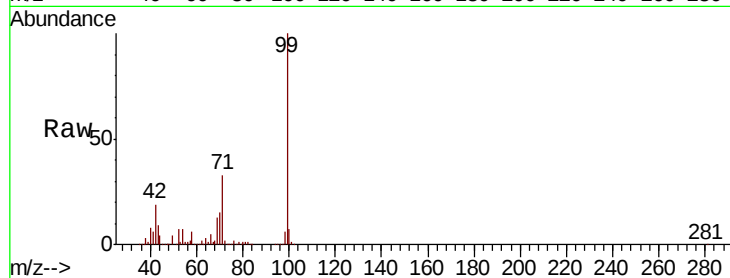
Tot Ion: 99 Resp: 1065735

Ion Ratio Lower Upper

99 100

42 18.9 15.4 23.0

71 33.1 25.9 38.9



#8

2-Chlorophenol

Concen: 7.043 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

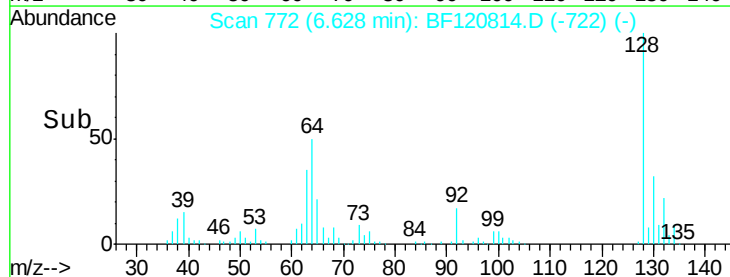
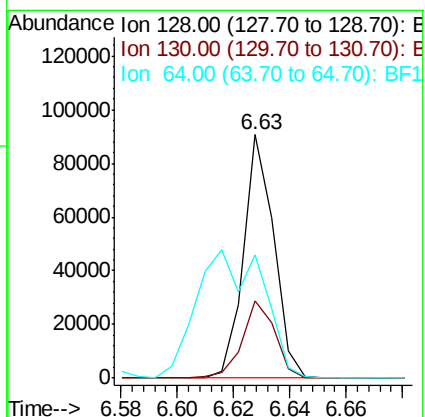
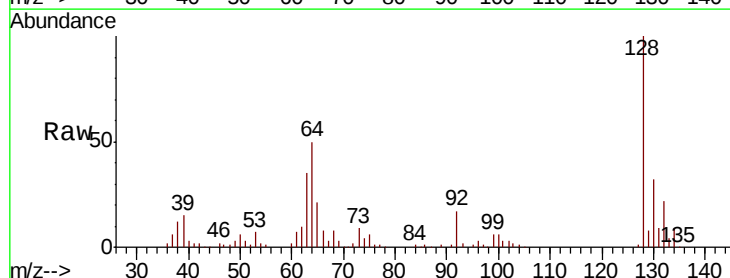
Tgt Ion: 128 Resp: 67377

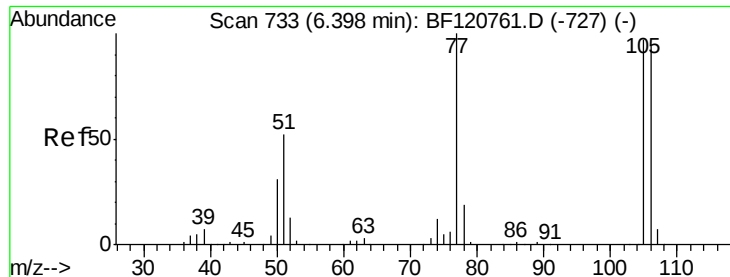
Ion Ratio Lower Upper

128 100

130 31.9 12.1 52.1

64 50.5 26.3 66.3

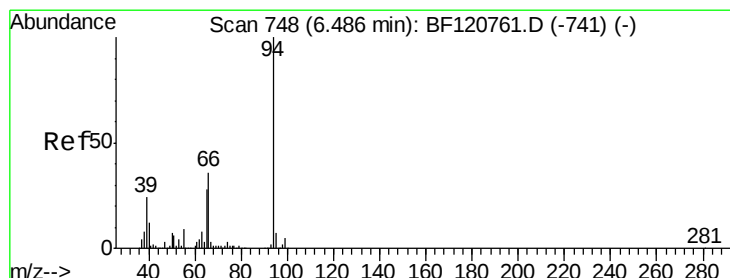
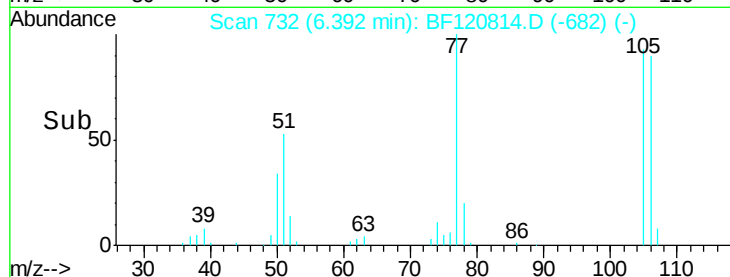
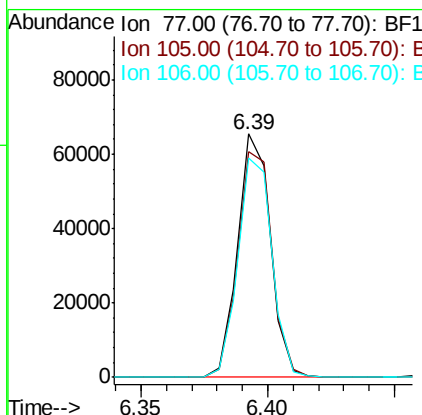
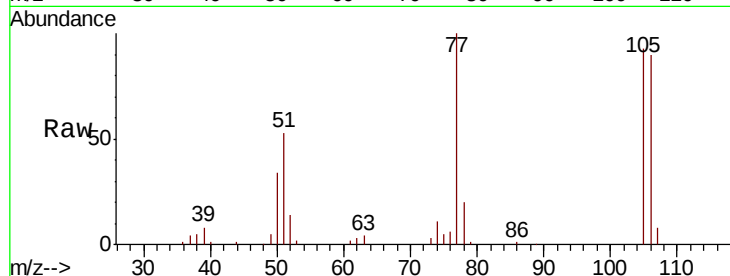




#9
Benzaldehyde
Concen: 8.572 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF120814.D
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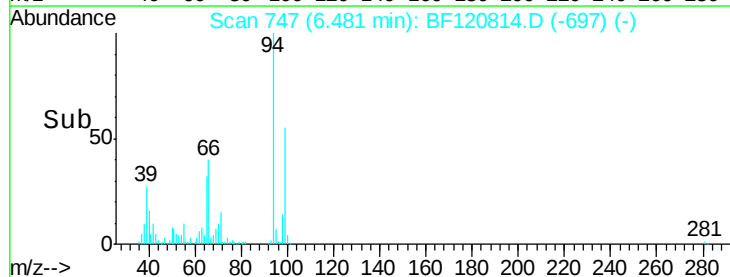
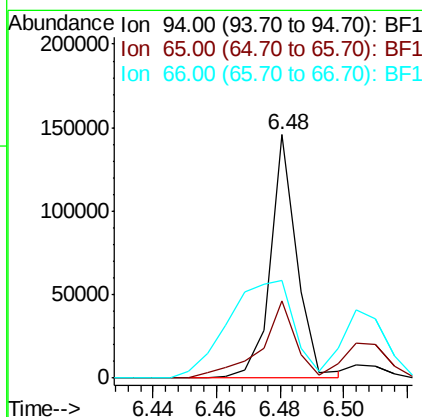
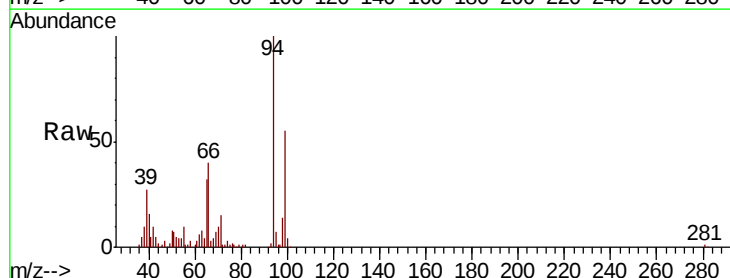
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

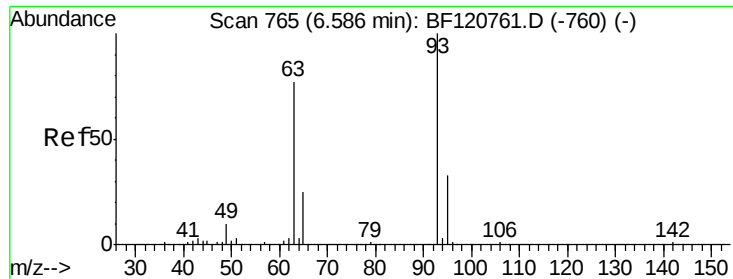
Tot Ion: 77 Resp: 58501
Ion Ratio Lower Upper
77 100
105 92.9 76.8 116.8
106 89.9 73.8 113.8



#10
Phenol
Concen: 7.143 ng
RT: 6.48 min Scan# 747
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 94 Resp: 84320
Ion Ratio Lower Upper
94 100
65 31.8 8.4 48.4
66 40.0 16.5 56.5

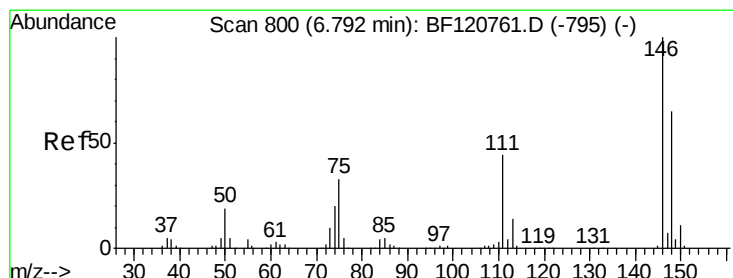
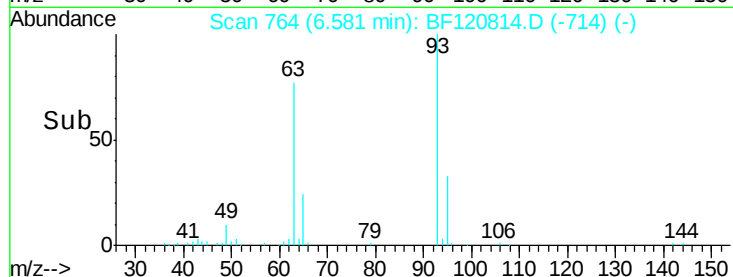
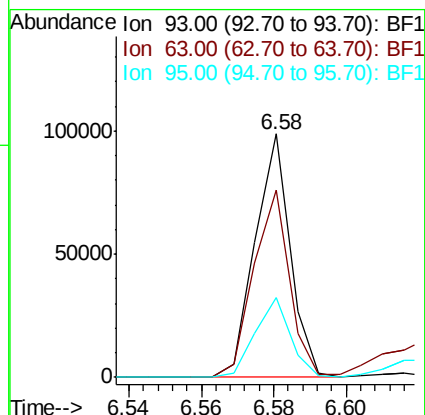
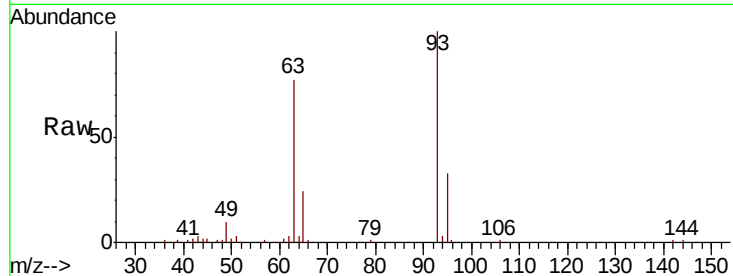




#11
bis(2-Chloroethyl)ether
Concen: 6.893 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

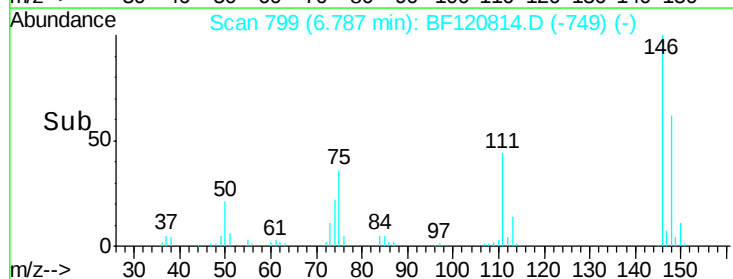
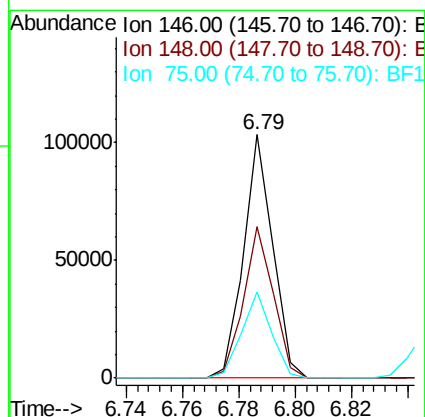
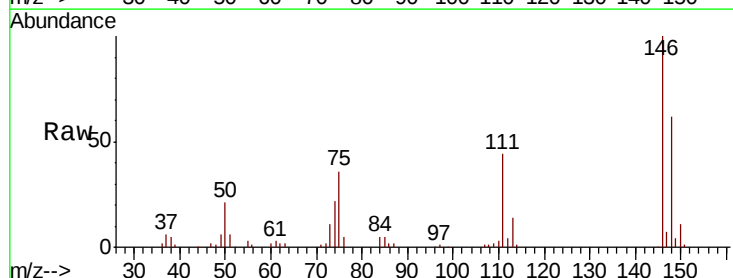
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

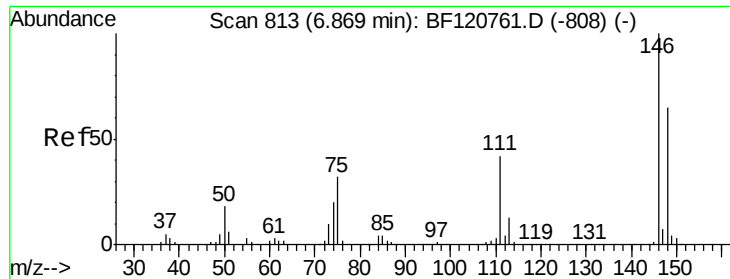
Tot Ion: 93 Resp: 66210
Ion Ratio Lower Upper
93 100
63 76.9 56.9 96.9
95 32.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 7.048 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 146 Resp: 74215
Ion Ratio Lower Upper
146 100
148 62.4 52.1 78.1
75 35.6 26.0 39.0

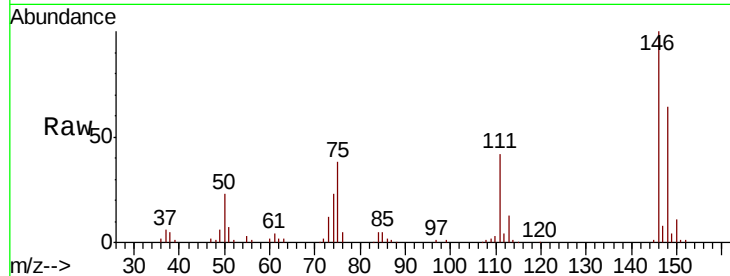




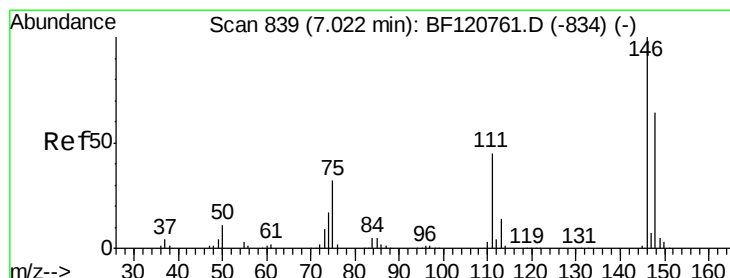
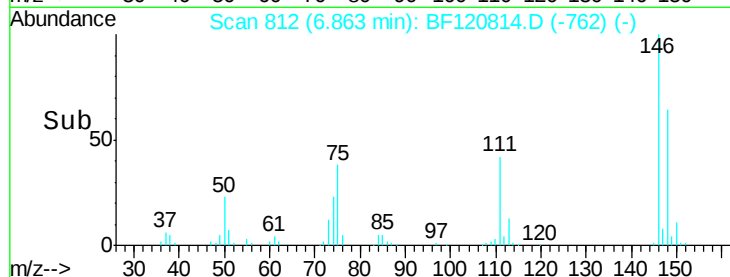
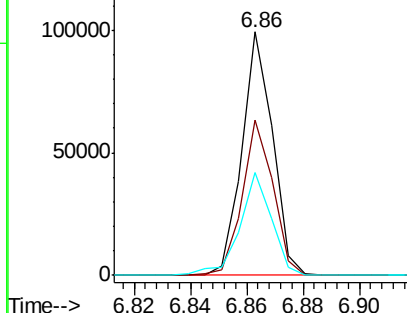
#13
 1,4-Dichlorobenzene
 Concen: 7.049 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

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

Tot Ion:146 Resp: 74348
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.8 77.6
 111 42.4 33.7 50.5

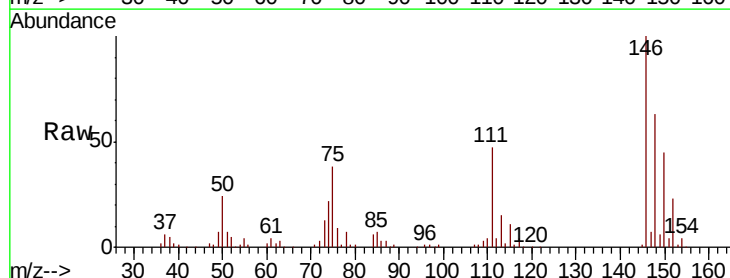


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

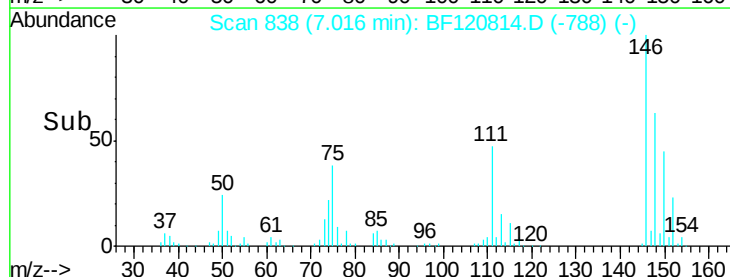
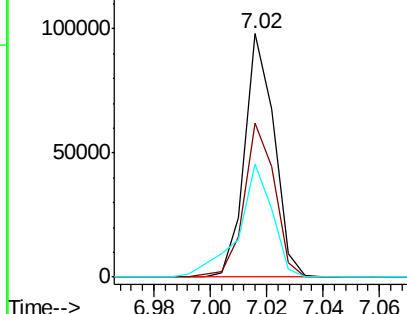


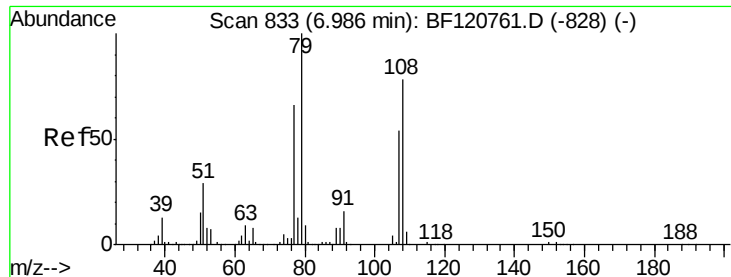
#14
 1,2-Dichlorobenzene
 Concen: 7.077 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:146 Resp: 71015
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.0 76.4
 111 46.6 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: 7.675 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

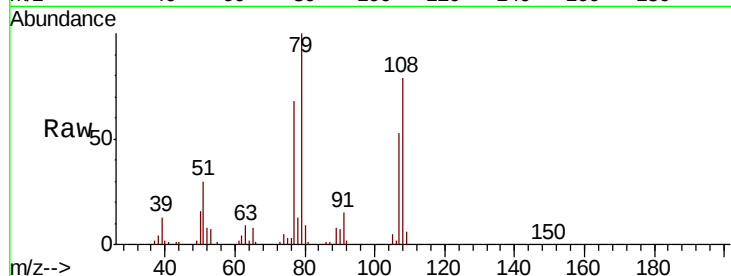
Tot Ion: 79 Resp: 66172

Ion Ratio Lower Upper

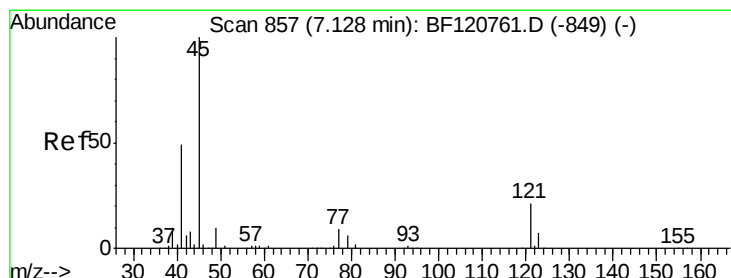
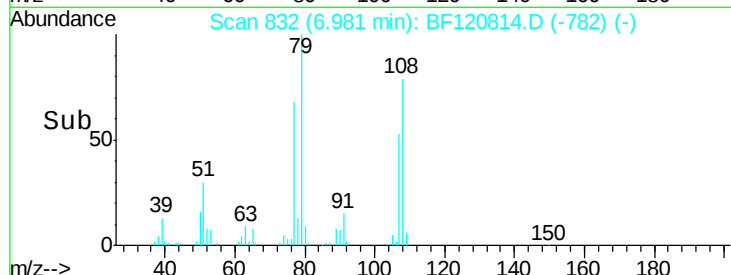
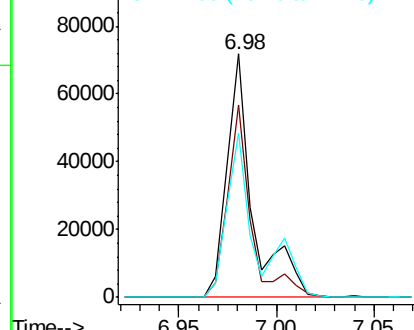
79 100

108 79.2 62.4 93.6

77 67.7 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: 6.605 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

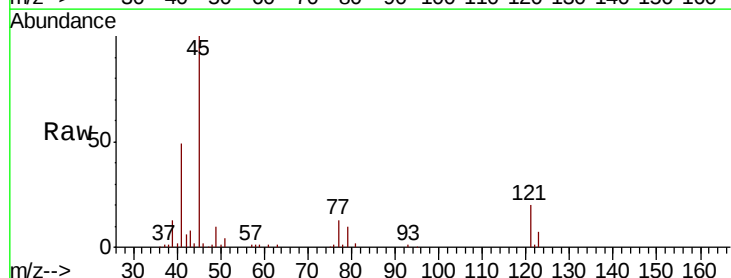
Tgt Ion: 45 Resp: 98961

Ion Ratio Lower Upper

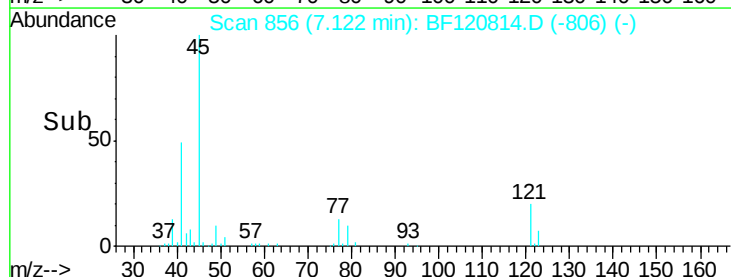
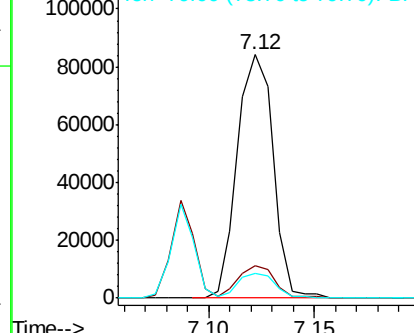
45 100

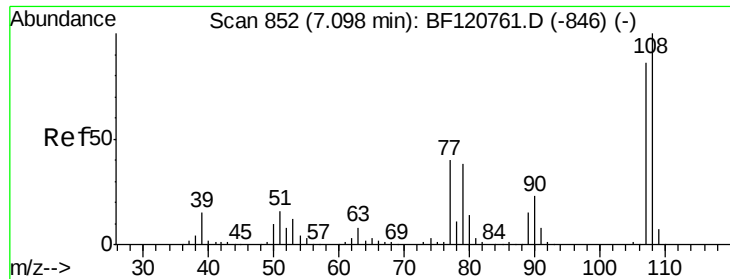
77 13.2 0.0 33.7

79 10.2 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

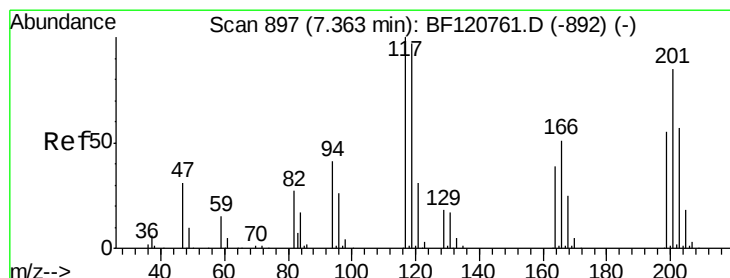
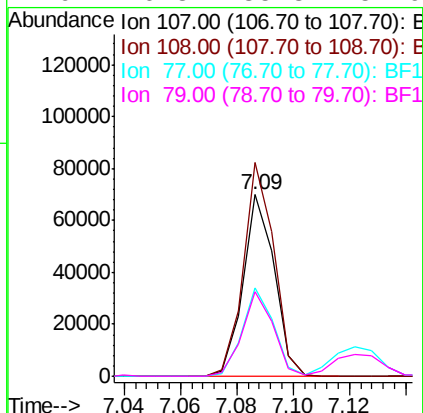
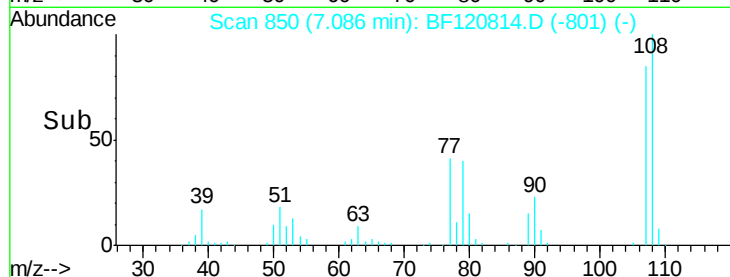
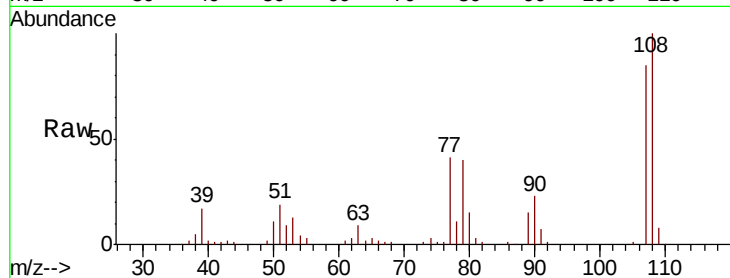




#17
2-Methylphenol
Concen: 6.248 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

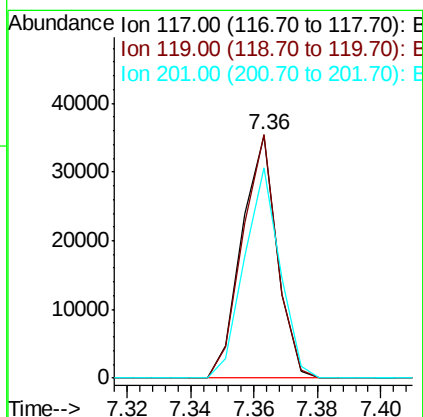
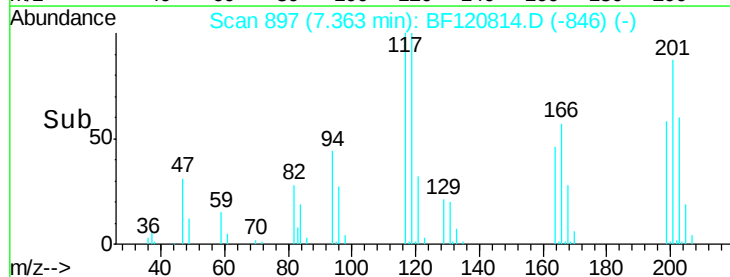
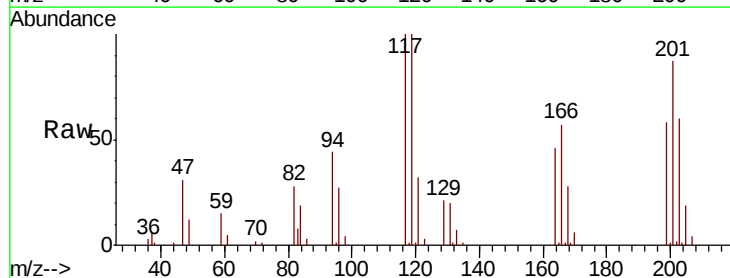
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

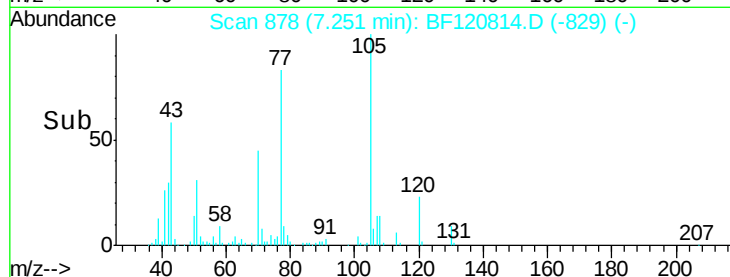
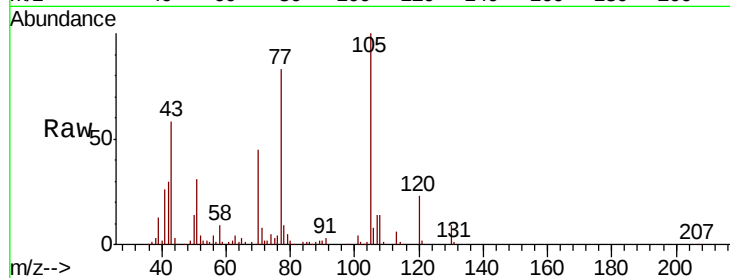
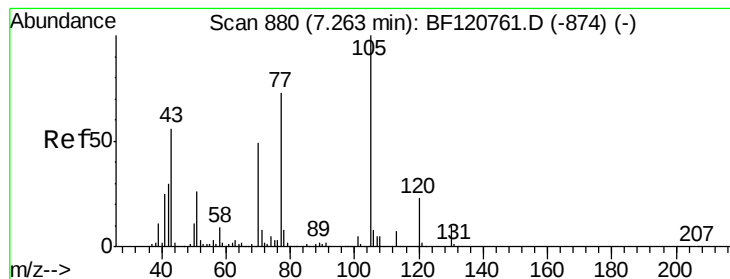
Tot Ion:	107	Resp:	53473
Ion	Ratio	Lower	Upper
107	100		
108	117.9	93.1	139.7
77	48.6	37.3	55.9
79	46.8	35.3	52.9



#18
Hexachloroethane
Concen: 6.872 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:	117	Resp:	27243
Ion	Ratio	Lower	Upper
117	100		
119	100.3	77.9	116.9
201	86.8	68.3	102.5





#19

n-Nitroso-di-n-propylamine

Concen: 6.660 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 70 Resp: 46015

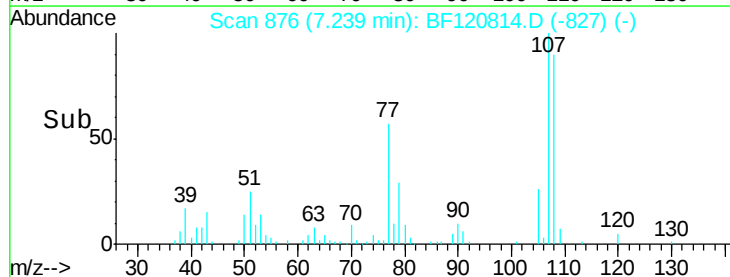
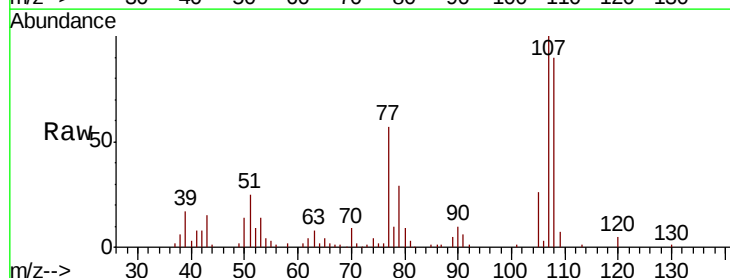
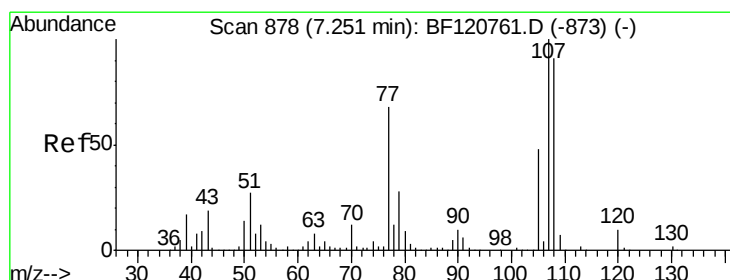
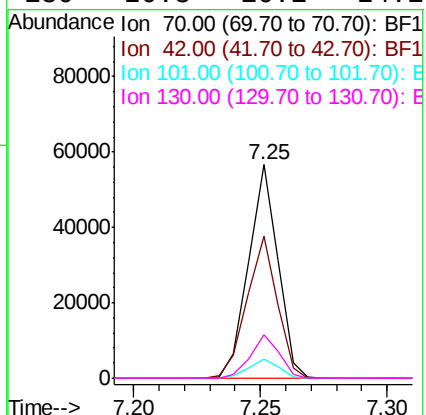
Ion Ratio Lower Upper

70 100

42 66.3 50.3 75.5

101 9.0 7.5 11.3

130 20.3 16.1 24.1



#20

3+4-Methylphenols

Concen: 6.507 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Tgt Ion: 107 Resp: 68588

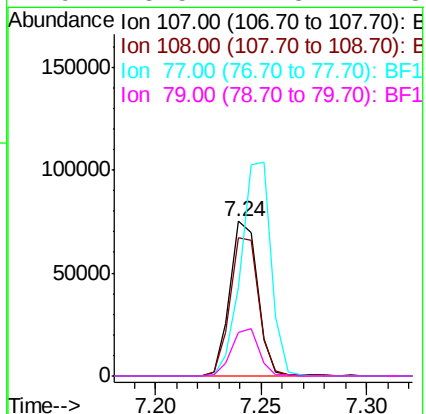
Ion Ratio Lower Upper

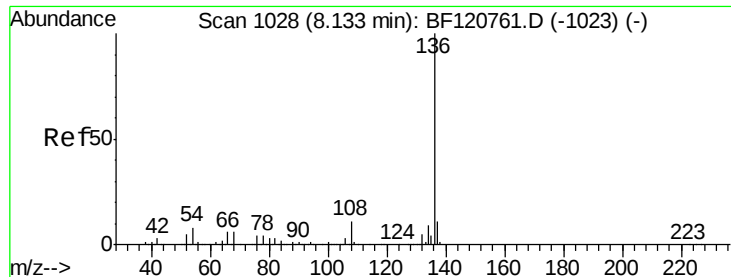
107 100

108 89.7 70.9 110.9

77 57.1 48.3 88.3

79 28.5 7.8 47.8

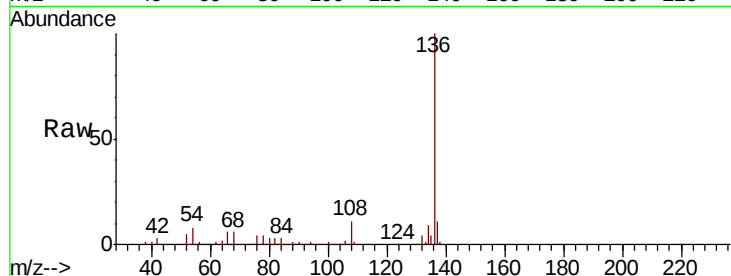




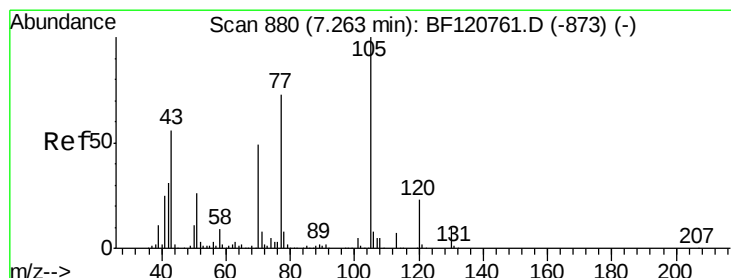
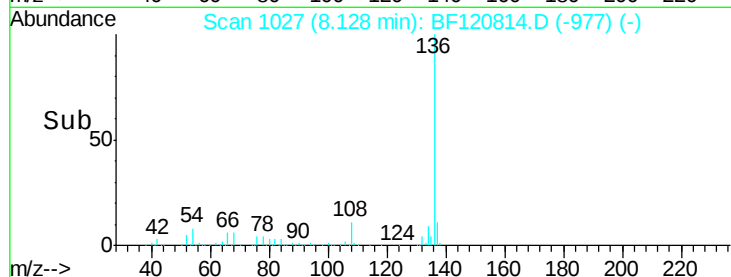
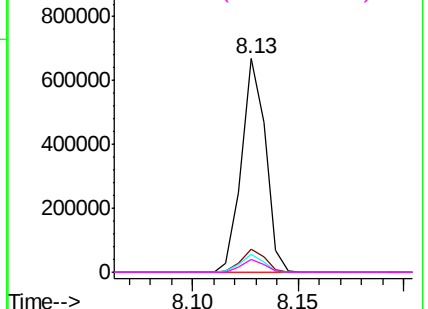
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:136	Resp:	524964
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.6
54	8.2	6.2 9.4
68	5.8	4.7 7.1

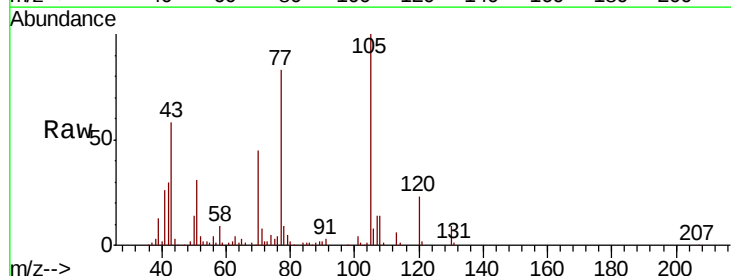


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

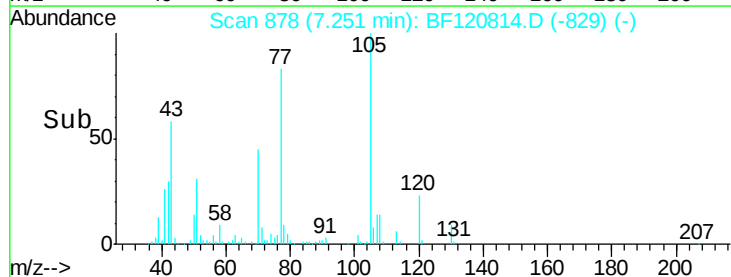
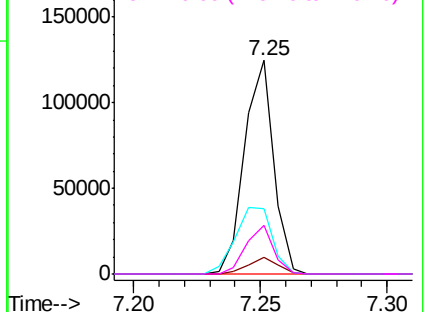


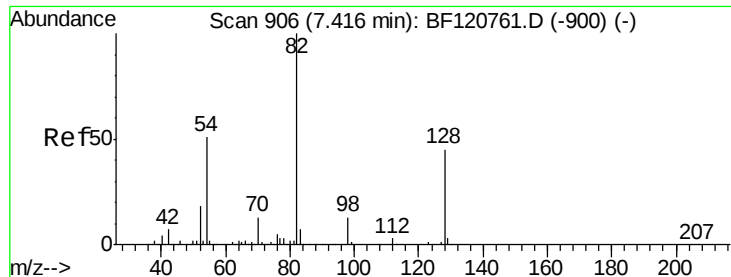
#22
Acetophenone
Concen: 7.638 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:105	Resp:	99662
Ion Ratio	Lower	Upper
105	100	
71	7.8	6.5 9.7
51	30.7	21.0 31.4
120	22.8	18.6 28.0



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 79.480 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

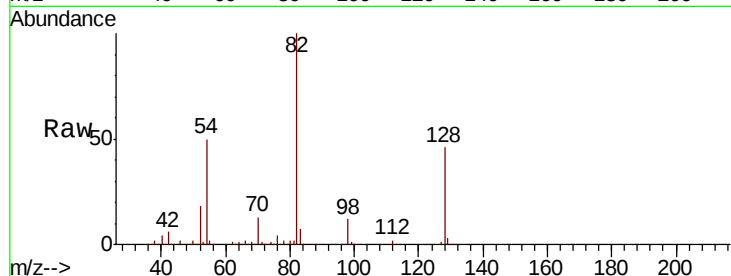
Tot Ion: 82 Resp: 720157

Ion Ratio Lower Upper

82 100

128 45.7 35.7 53.5

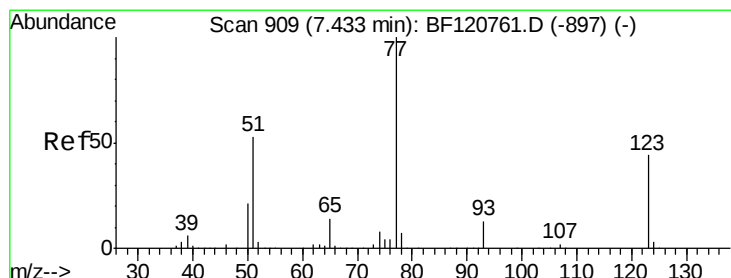
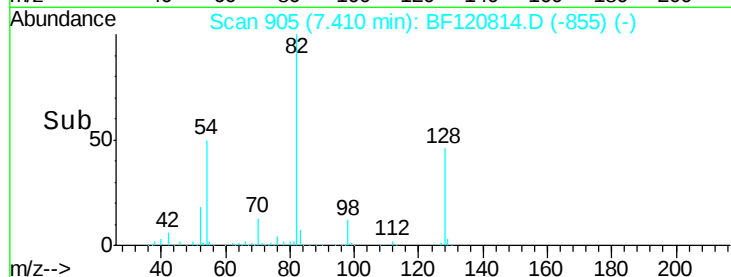
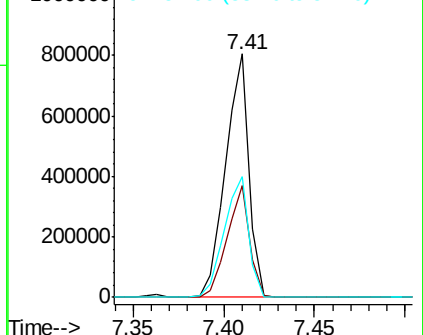
54 49.8 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 7.447 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

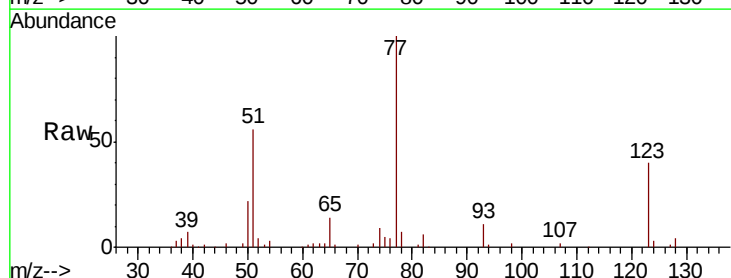
Tgt Ion: 77 Resp: 75759

Ion Ratio Lower Upper

77 100

123 39.9 36.1 54.1

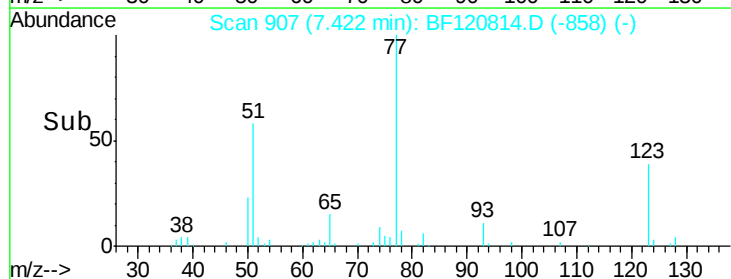
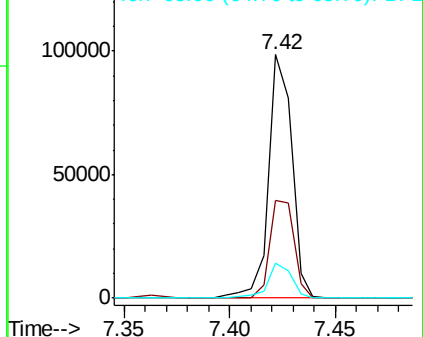
65 14.5 11.0 16.4

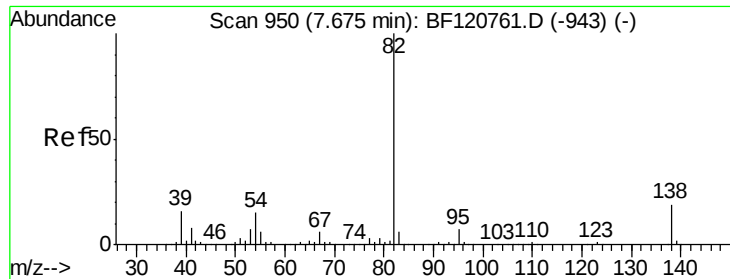


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 6.483 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

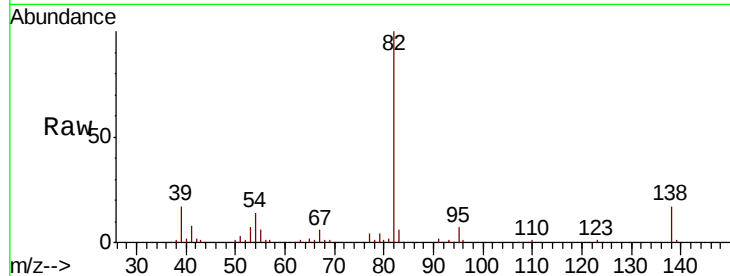
Tot Ion: 82 Resp: 126675

Ion Ratio Lower Upper

82 100

95 7.2 5.4 8.2

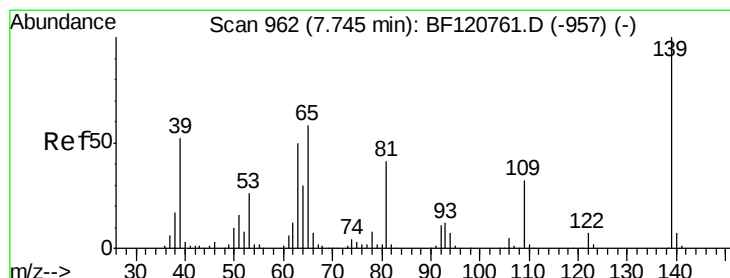
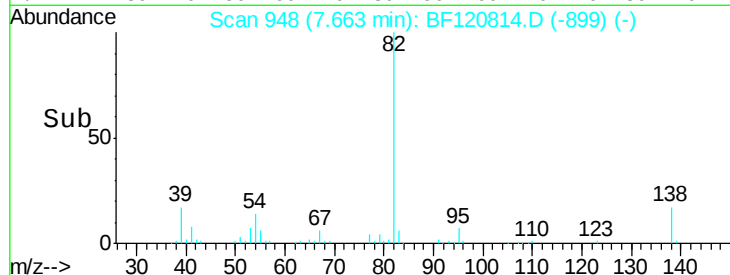
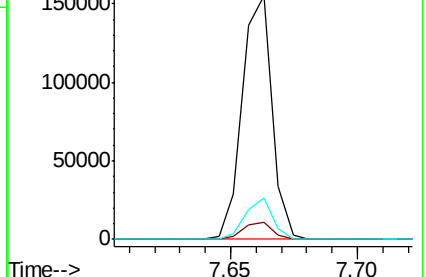
138 17.2 15.0 22.4



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: 6.313 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

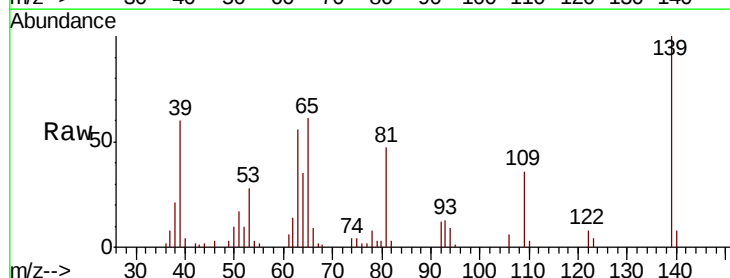
Tgt Ion: 139 Resp: 23478

Ion Ratio Lower Upper

139 100

109 36.0 25.3 37.9

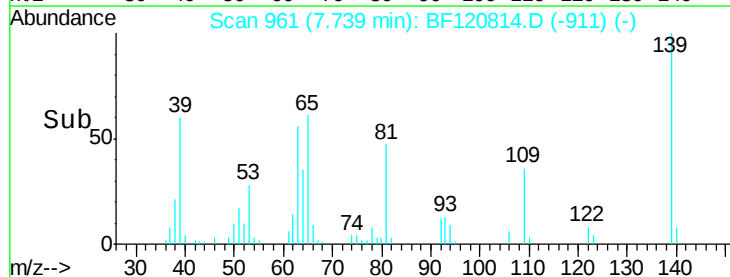
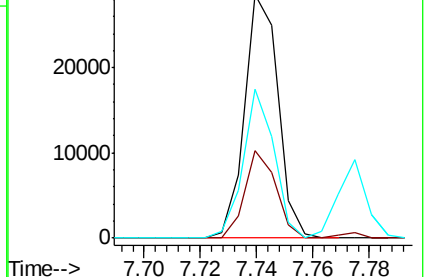
65 61.0 46.2 69.2

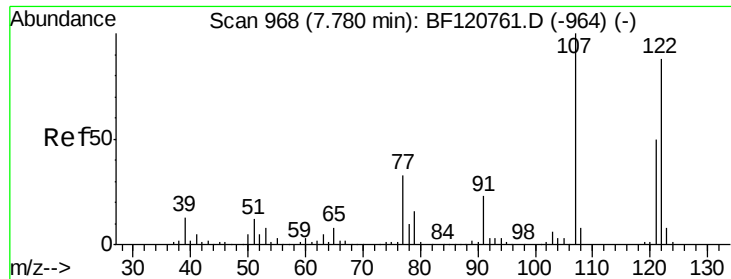


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

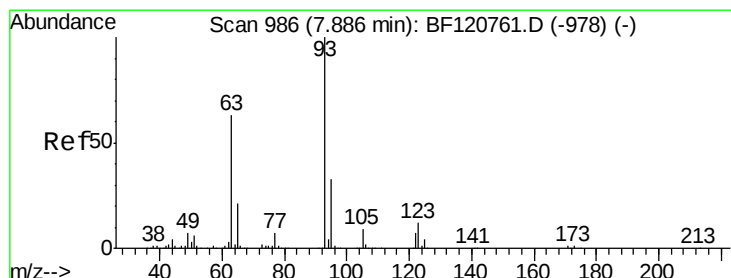
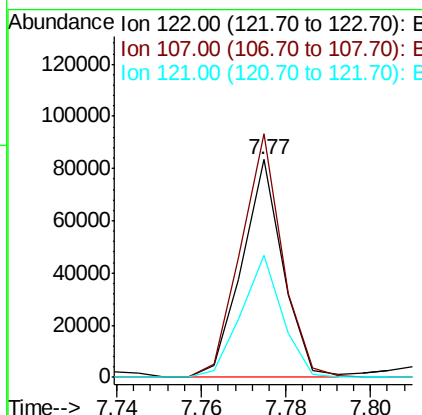
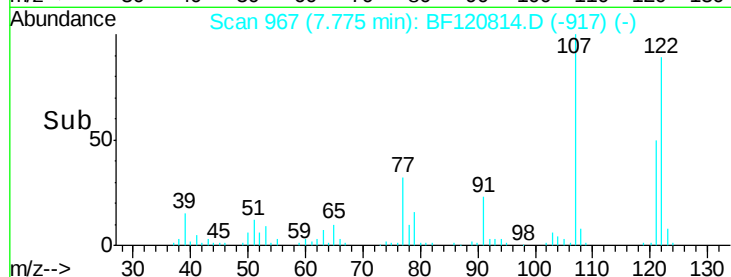
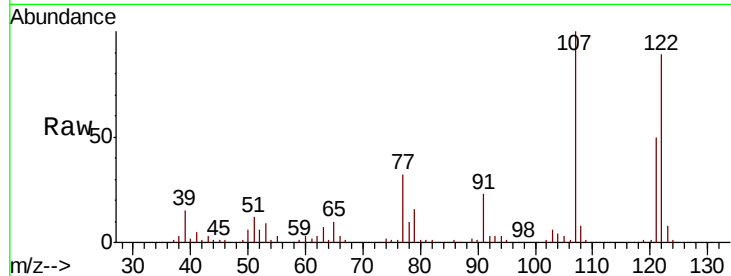




#27
2,4-Dimethylphenol
Concen: 7.256 ng
RT: 7.77 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

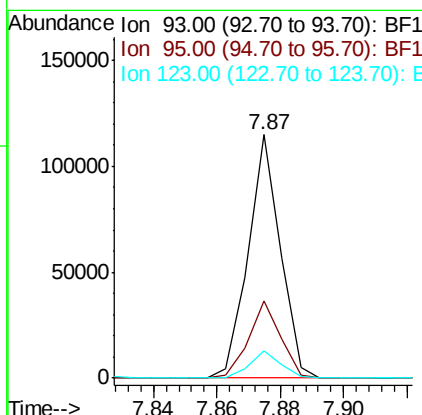
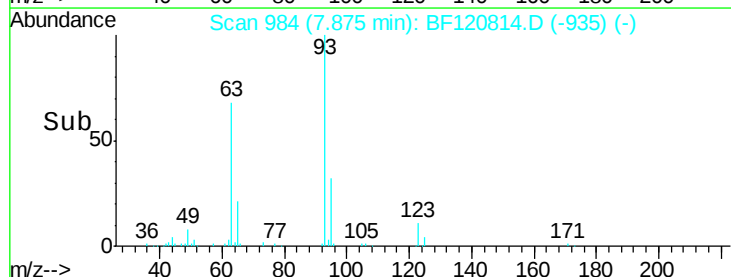
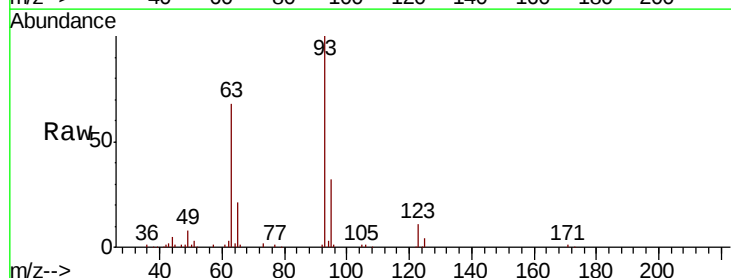
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

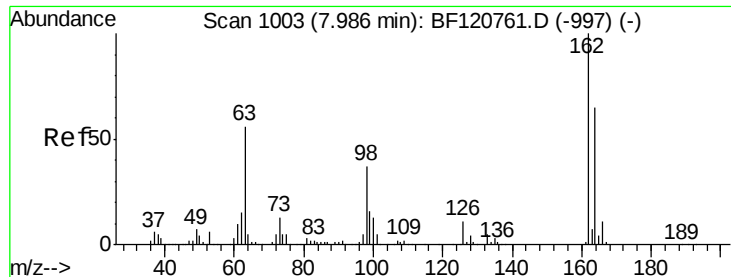
Tot Ion:122 Resp: 56599
Ion Ratio Lower Upper
122 100
107 112.0 90.7 136.1
121 56.4 45.4 68.0



#28
bis(2-Chloroethoxy)methane
Concen: 6.956 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 93 Resp: 80448
Ion Ratio Lower Upper
93 100
95 31.5 26.4 39.6
123 11.1 10.2 15.2

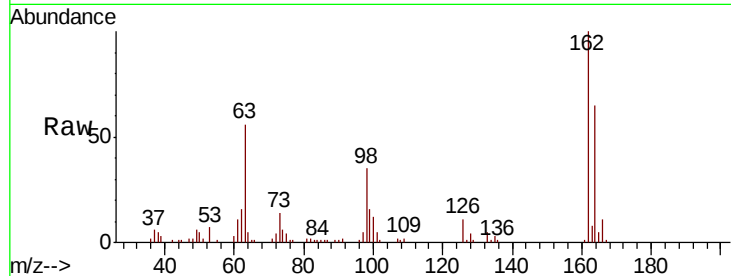




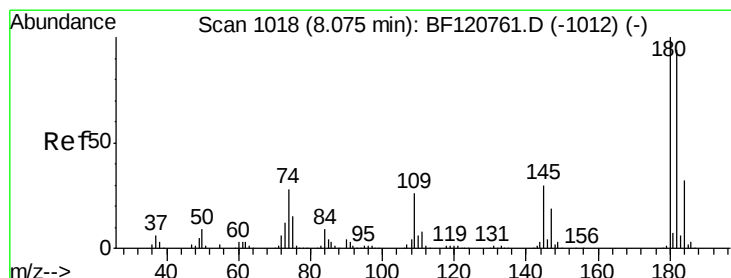
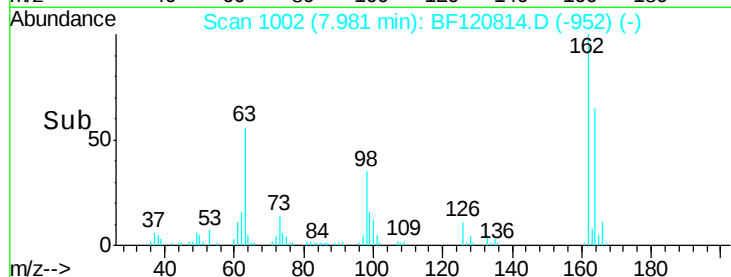
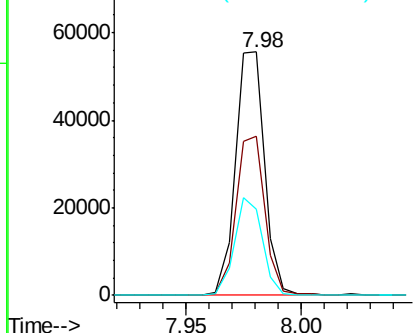
#29
2,4-Dichlorophenol
Concen: 6.316 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:162 Resp: 49186
Ion Ratio Lower Upper
162 100
164 65.2 45.2 85.2
98 35.4 17.0 57.0

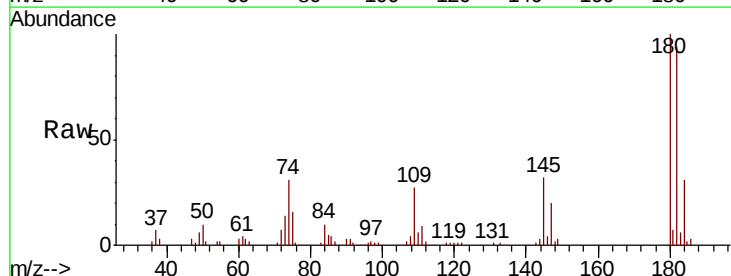


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

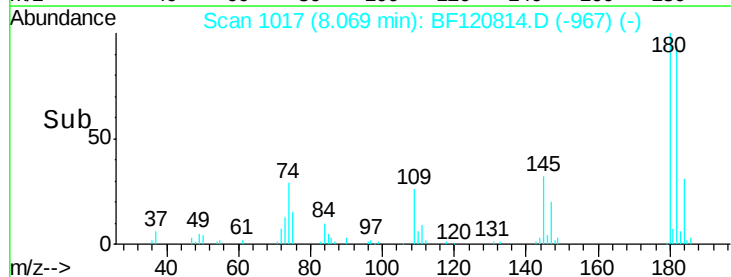
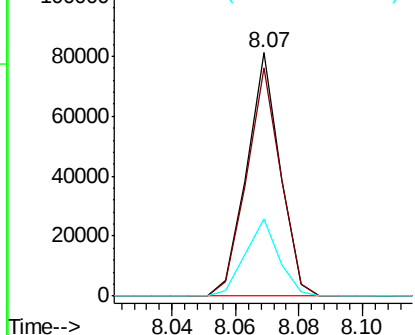


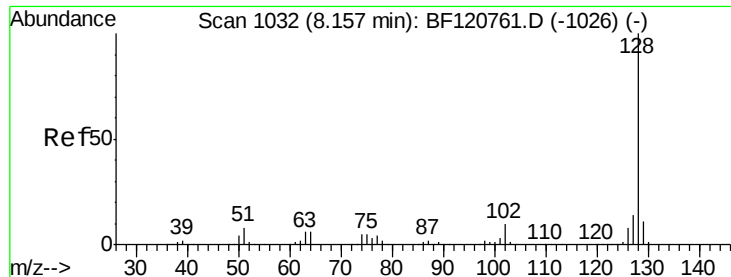
#30
1,2,4-Trichlorobenzene
Concen: 6.739 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:180 Resp: 58940
Ion Ratio Lower Upper
180 100
182 93.7 75.5 113.3
145 31.9 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

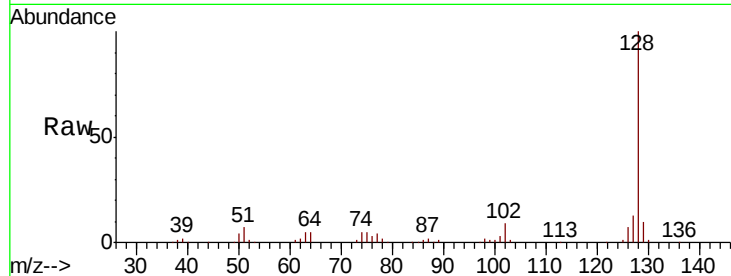




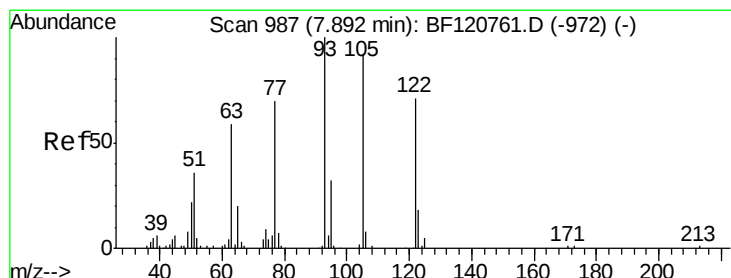
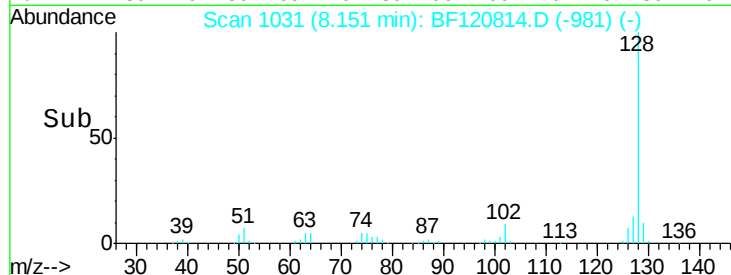
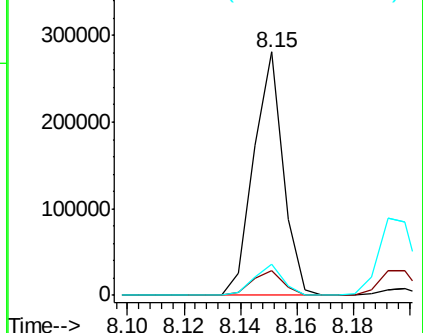
#31
Naphthalene
Concen: 7.235 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:128 Resp: 202991
Ion Ratio Lower Upper
128 100
129 10.4 9.2 13.8
127 12.7 11.1 16.7

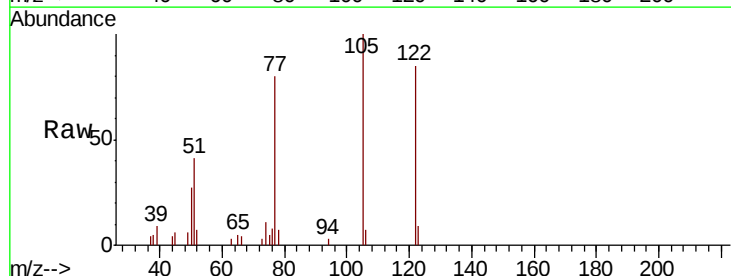


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

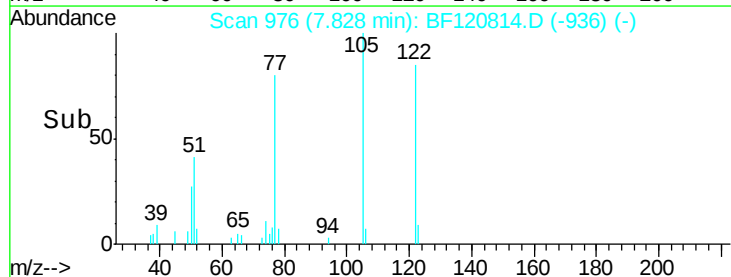
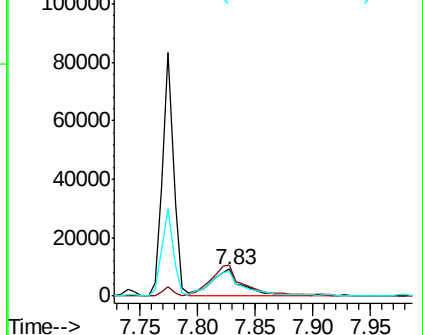


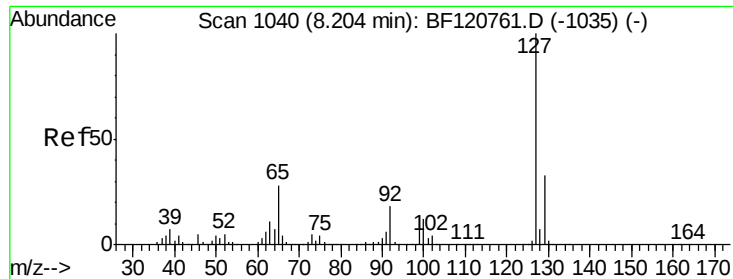
#32
Benzoic acid
Concen: 4.185 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.06 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:122 Resp: 17669
Ion Ratio Lower Upper
122 100
105 117.9 105.8 145.8
77 94.3 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

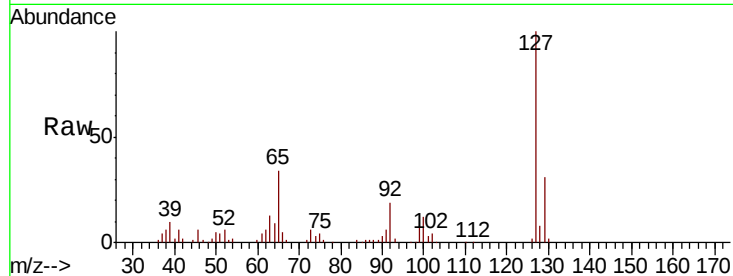




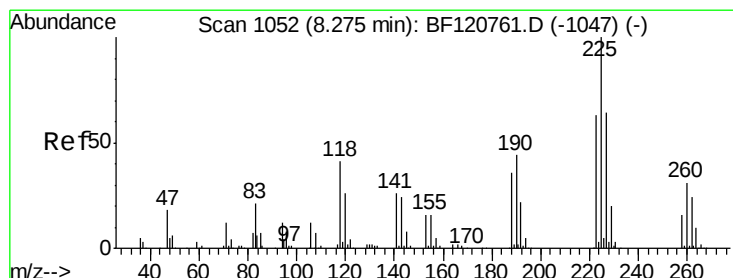
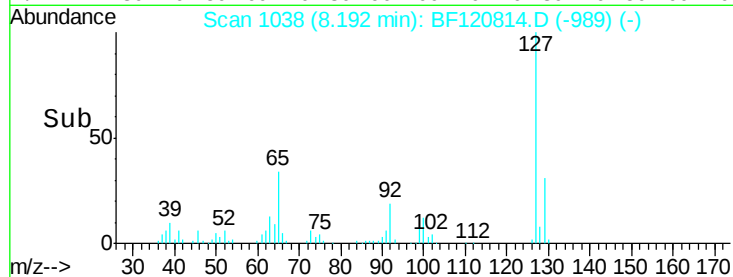
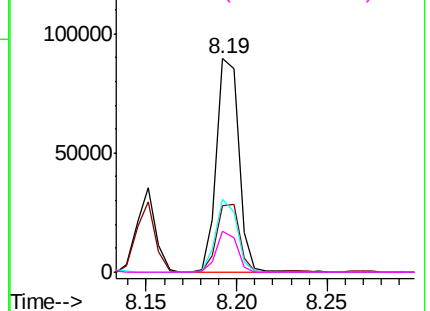
#33
4-Chloroaniline
Concen: 6.476 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:127	Resp:	77093
Ion Ratio	Lower	Upper
127	100	
129	31.1	26.6 39.8
65	34.5	22.7 34.1#
92	19.5	14.3 21.5

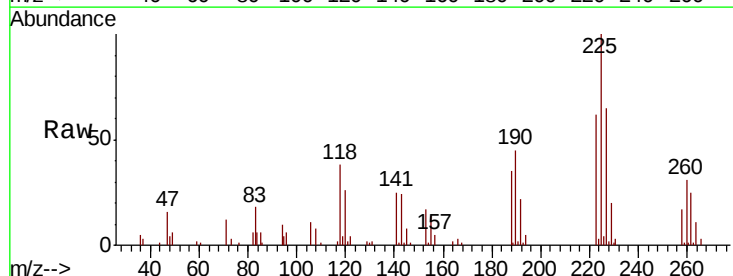


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

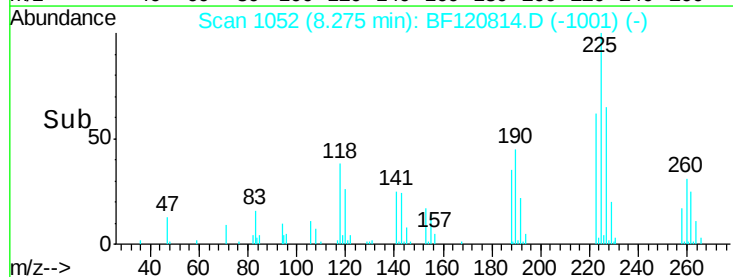
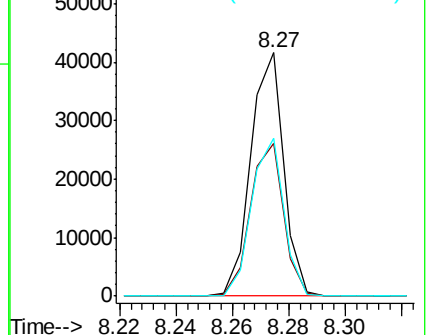


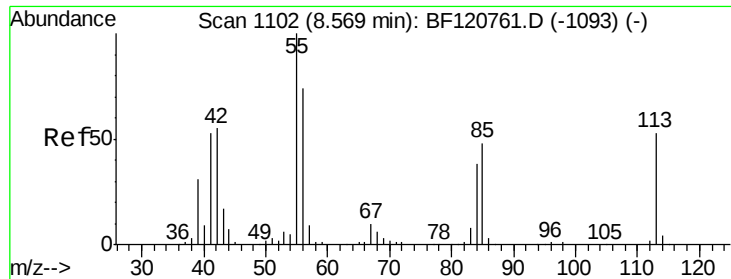
#34
Hexachlorobutadiene
Concen: 6.387 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:225	Resp:	33600
Ion Ratio	Lower	Upper
225	100	
223	62.5	50.6 76.0
227	67.1	51.4 77.2



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

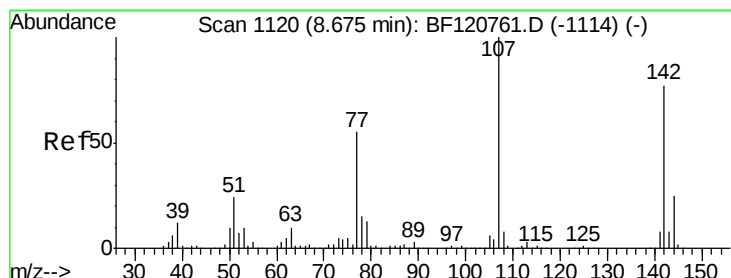
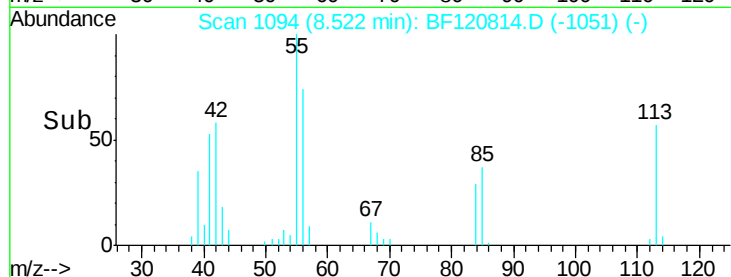
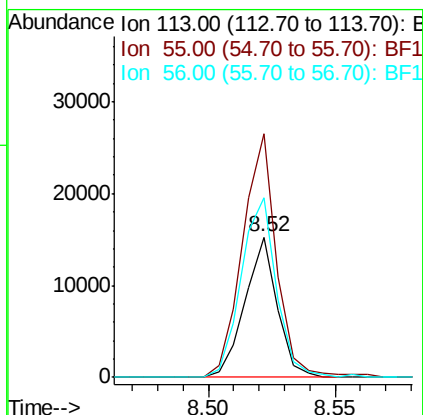
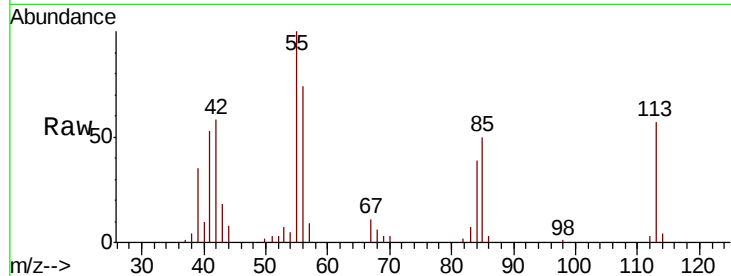




#35
 Caprolactam
 Concen: 5.921 ng
 RT: 8.52 min Scan# 1094
 Delta R.T. -0.05 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

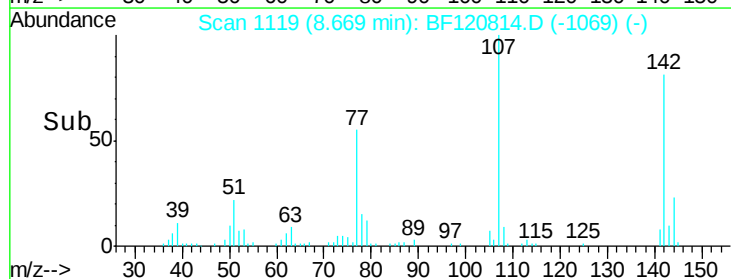
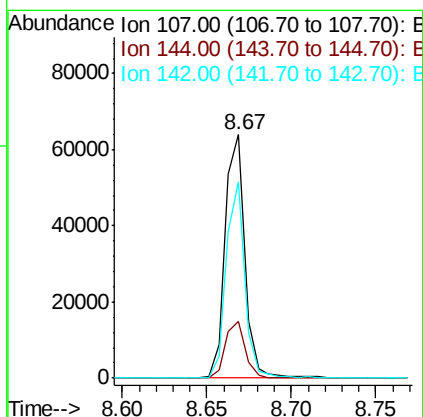
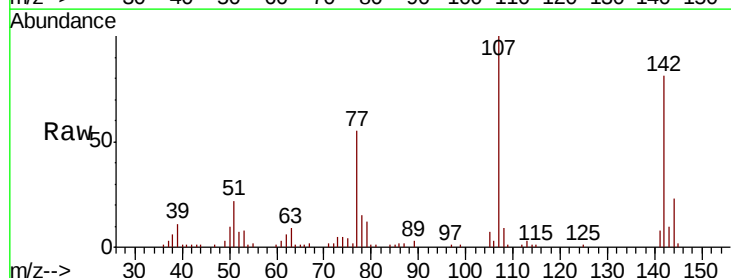
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

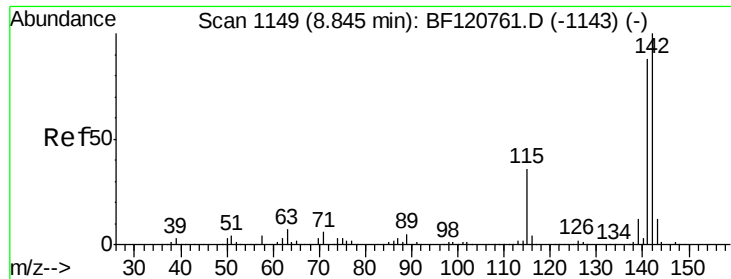
Tot Ion:113 Resp: 13436
 Ion Ratio Lower Upper
 113 100
 55 174.0 168.3 208.3
 56 128.4 118.8 158.8



#36
 4-Chloro-3-methylphenol
 Concen: 6.450 ng
 RT: 8.67 min Scan# 1119
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:107 Resp: 52250
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.7 29.5
 142 80.8 61.2 91.8

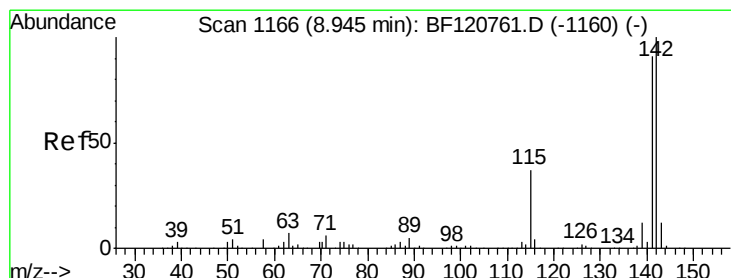
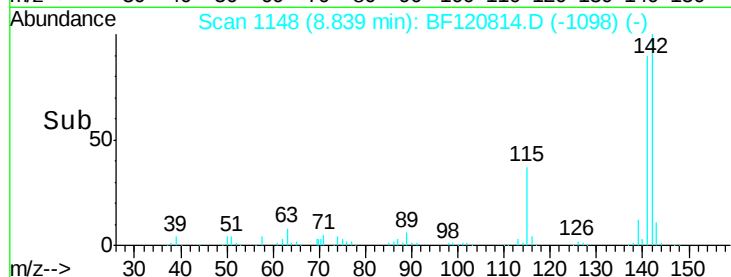
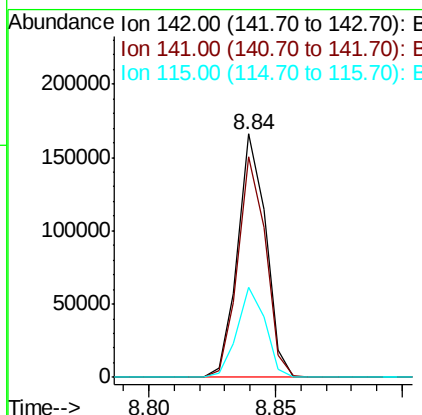
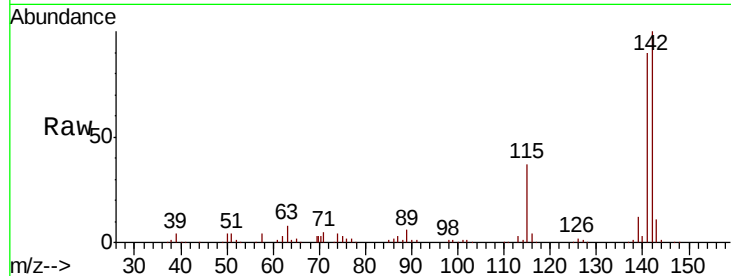




#37
2-Methylnaphthalene
Concen: 7.034 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

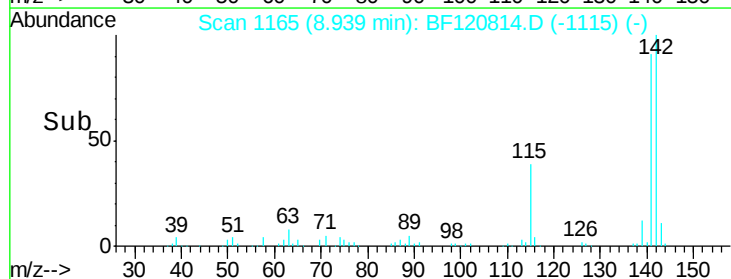
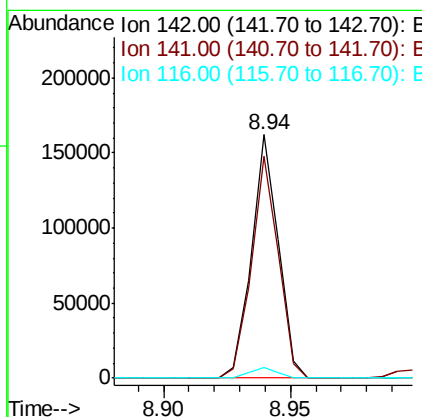
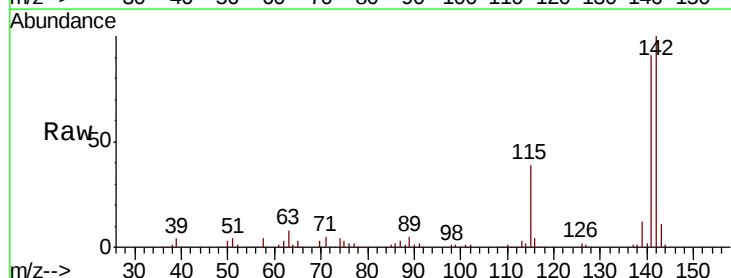
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

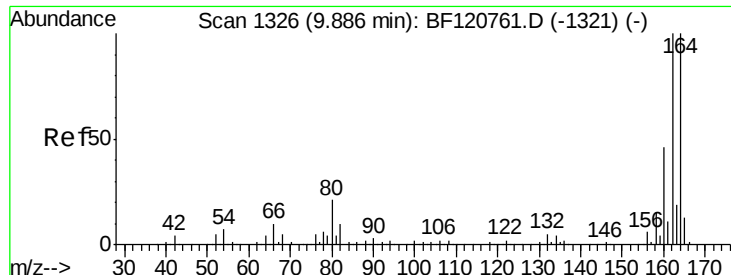
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	70.2	105.4
115	37.2	29.0	43.4



#38
1-Methylnaphthalene
Concen: 6.996 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.5	108.7
116	4.2	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

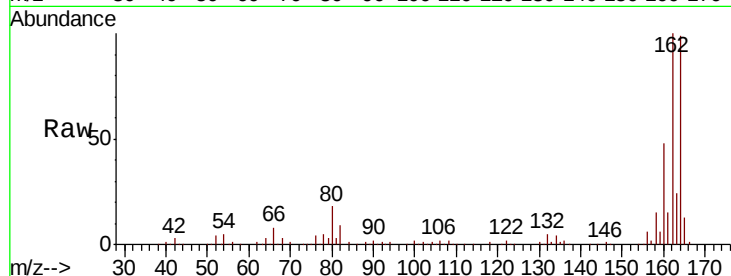
Tot Ion:164 Resp: 257241

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

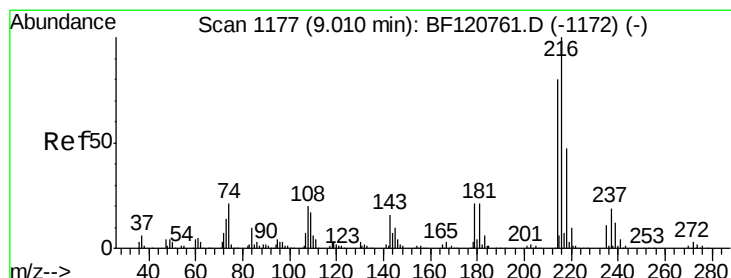
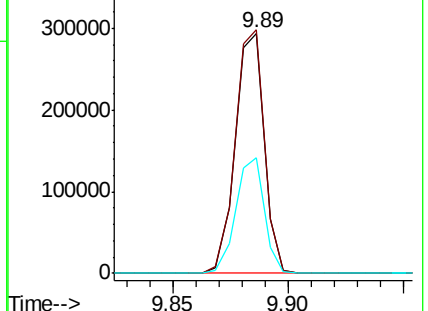
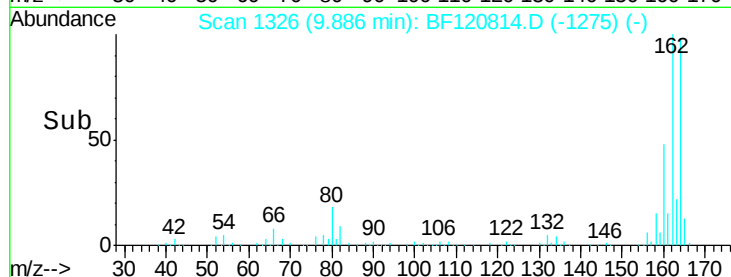
160 48.3 36.9 55.3



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: 7.250 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Tgt Ion:216 Resp: 56366

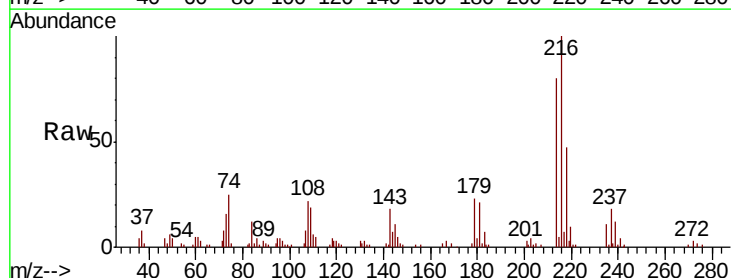
Ion Ratio Lower Upper

216 100

214 79.1 63.7 95.5

179 21.8 16.7 25.1

108 23.3 17.0 25.4

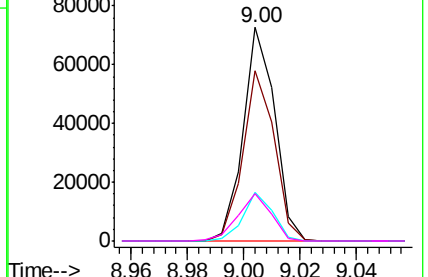
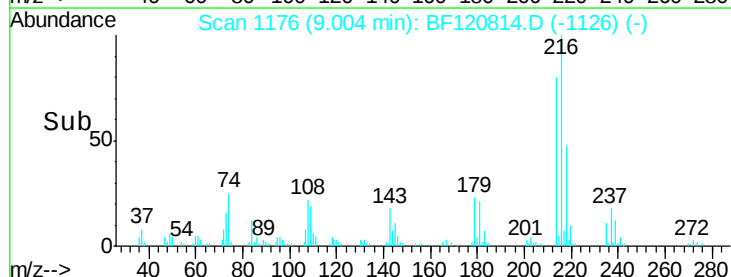


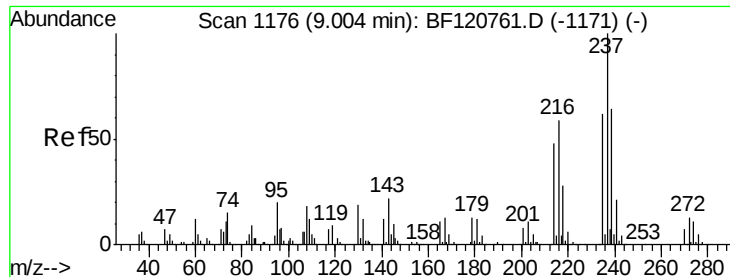
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 5.720 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

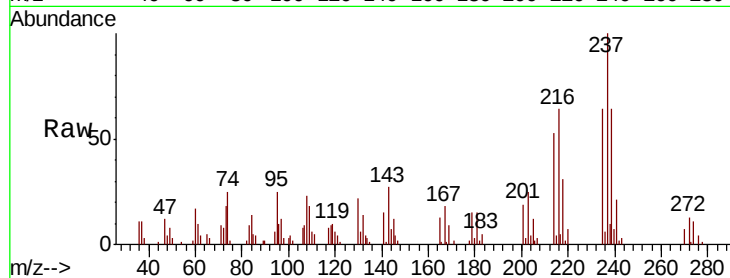
Tot Ion:237 Resp: 26274

Ion Ratio Lower Upper

237 100

235 64.2 42.1 82.1

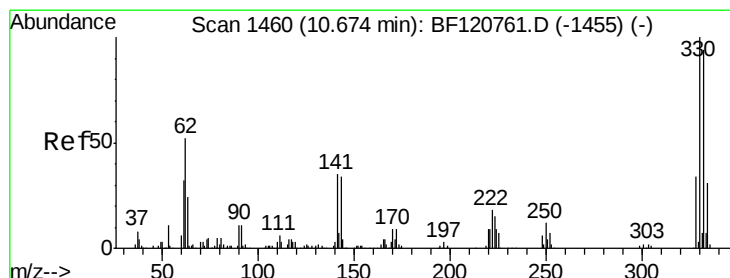
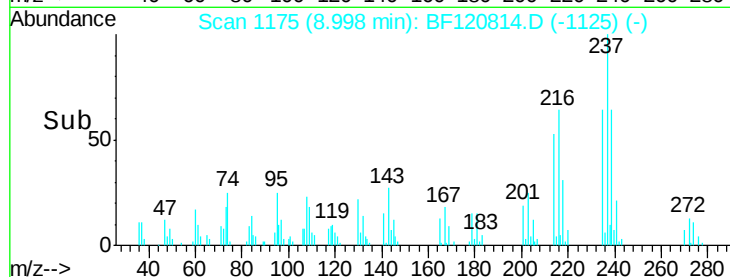
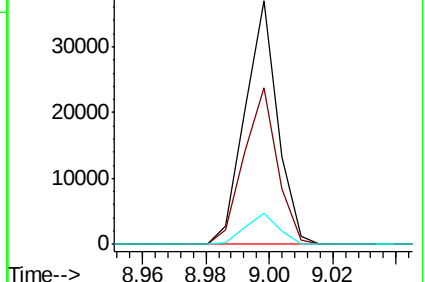
272 12.8 0.0 33.4



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: 97.935 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

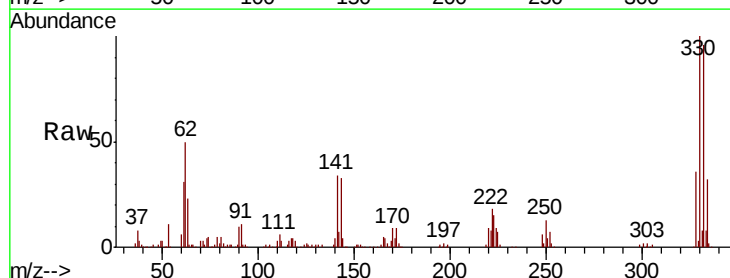
Tgt Ion:330 Resp: 253100

Ion Ratio Lower Upper

330 100

332 95.8 75.8 113.6

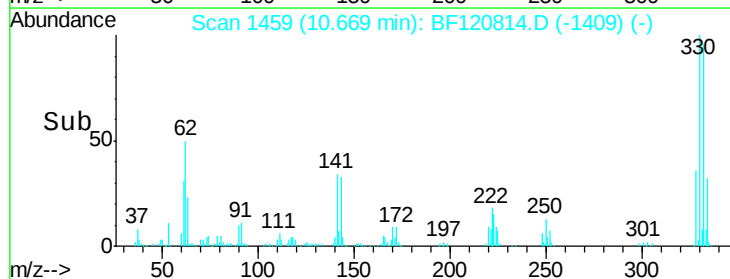
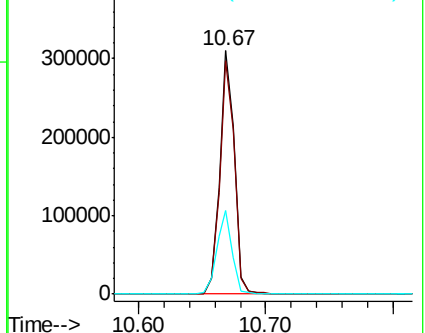
141 35.6 29.7 44.5

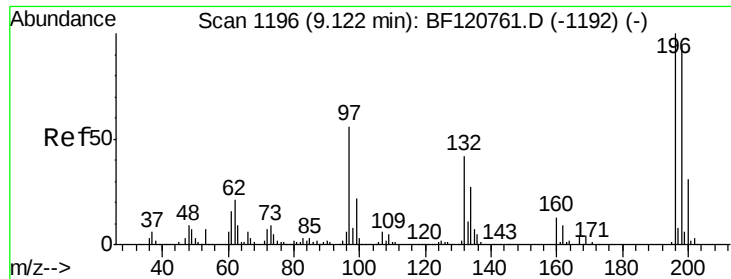


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

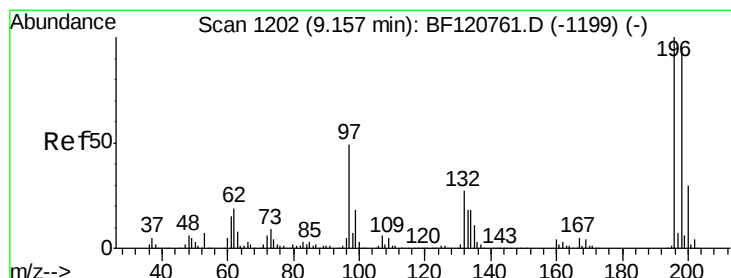
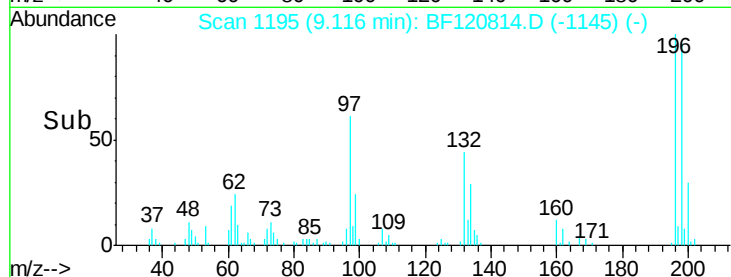
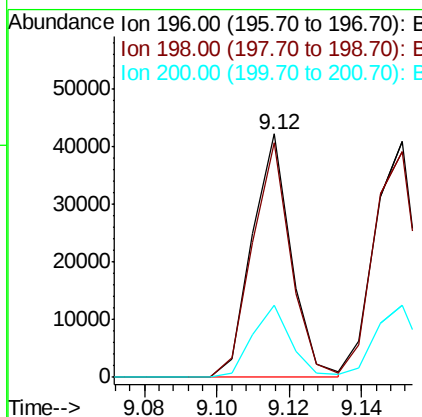
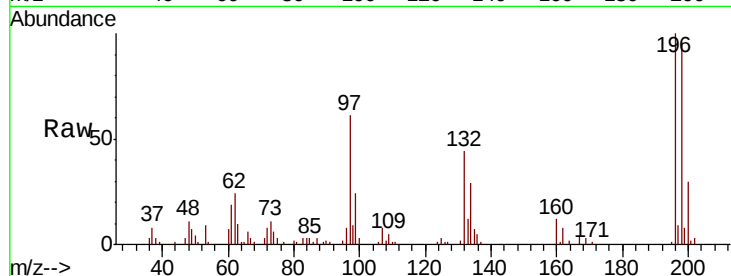




#43
 2,4,6-Trichlorophenol
 Concen: 5.930 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

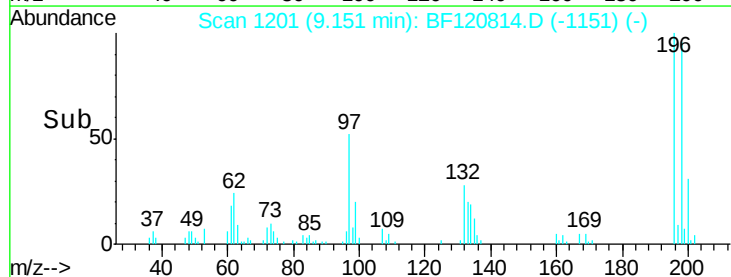
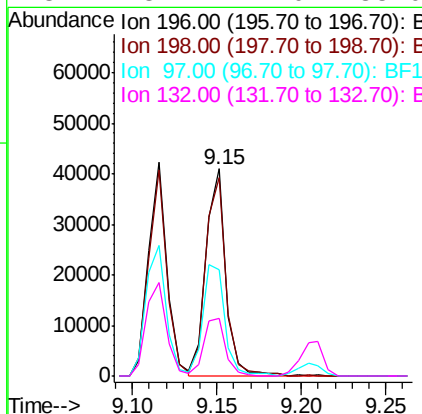
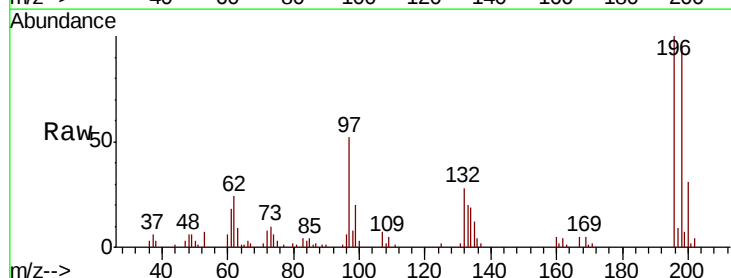
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

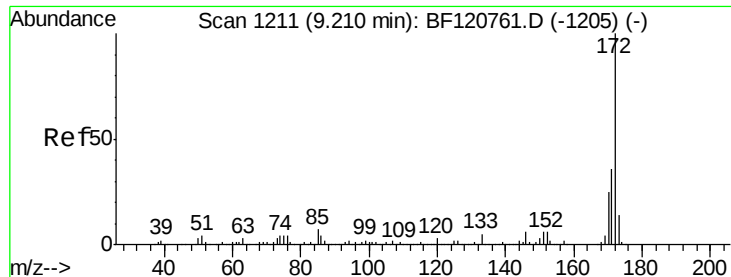
Tot Ion:196 Resp: 31417
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.3 112.9
 200 29.5 24.4 36.6



#44
 2,4,5-Trichlorophenol
 Concen: 5.782 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:196 Resp: 33994
 Ion Ratio Lower Upper
 196 100
 198 95.8 76.2 114.2
 97 51.6 39.6 59.4
 132 28.1 22.0 33.0

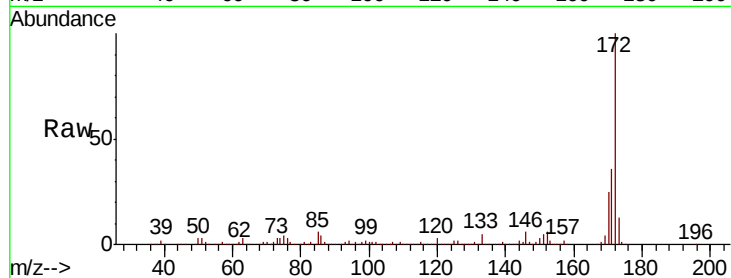




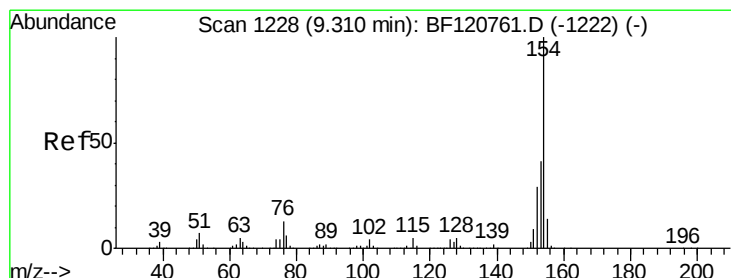
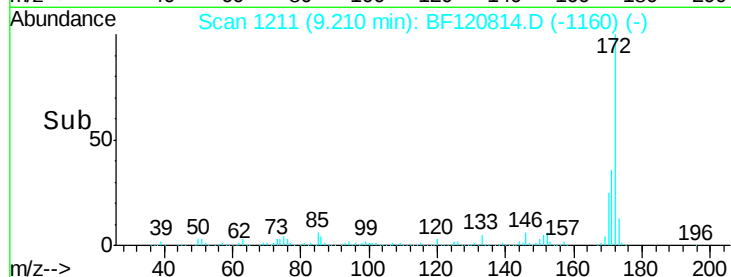
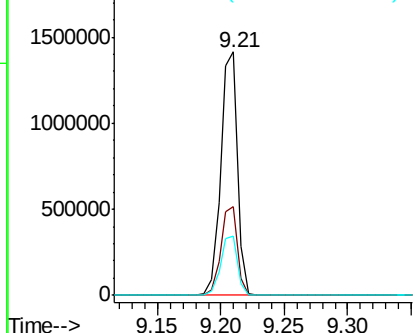
#45
2-Fluorobiphenyl
Concen: 76.497 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:172 Resp: 1300645
Ion Ratio Lower Upper
172 100
171 36.2 29.1 43.7
170 24.5 19.8 29.6

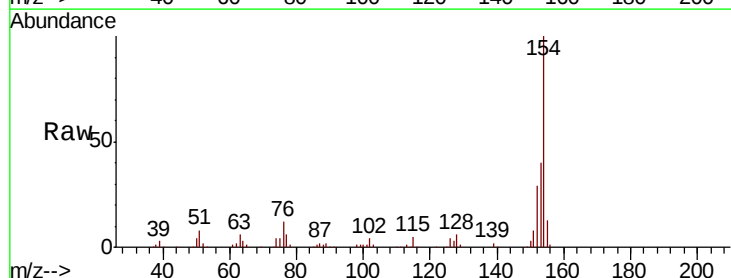


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

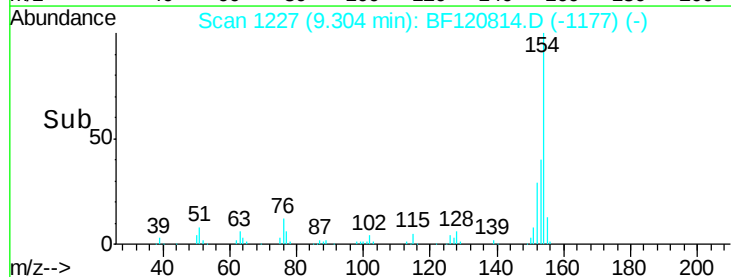
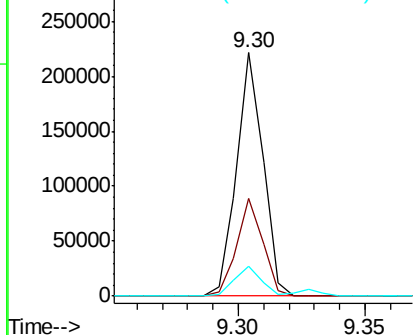


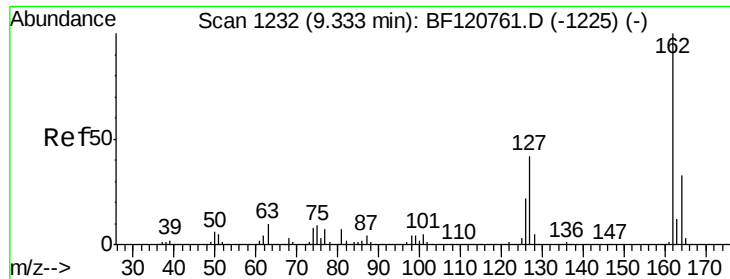
#46
1,1'-Biphenyl
Concen: 7.706 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:154 Resp: 159904
Ion Ratio Lower Upper
154 100
153 39.9 20.7 60.7
76 12.5 0.0 33.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

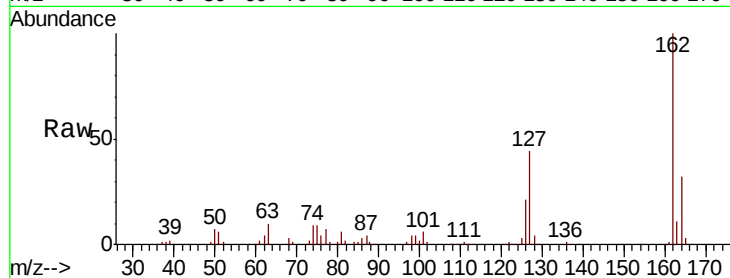




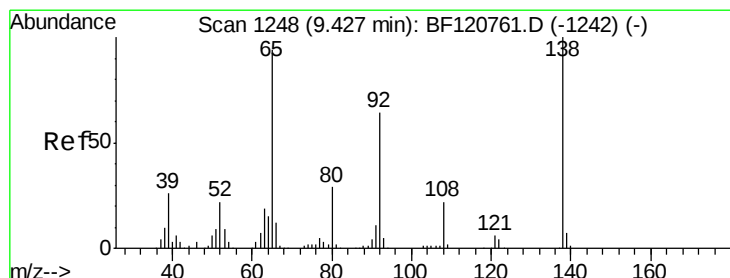
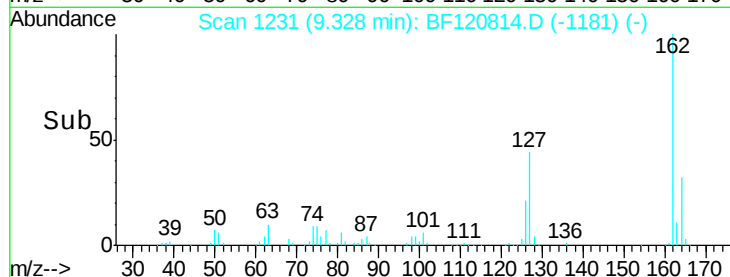
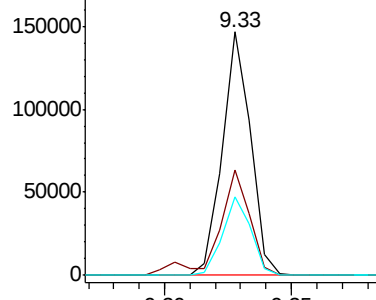
#47
2-Chloronaphthalene
Concen: 6.836 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:162 Resp: 113639
Ion Ratio Lower Upper
162 100
127 43.5 33.7 50.5
164 32.1 26.4 39.6

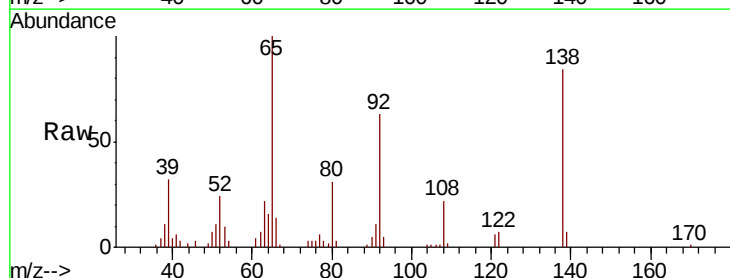


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

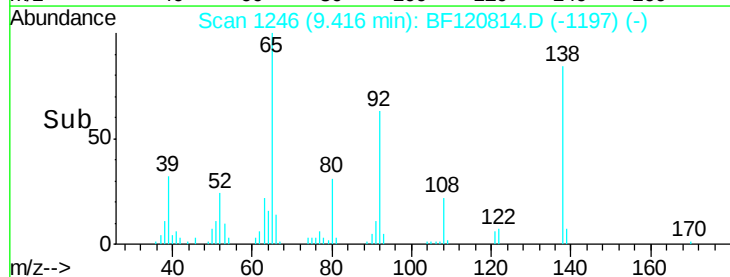
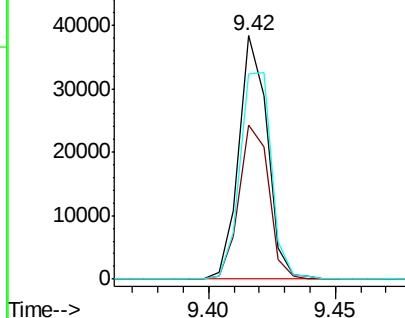


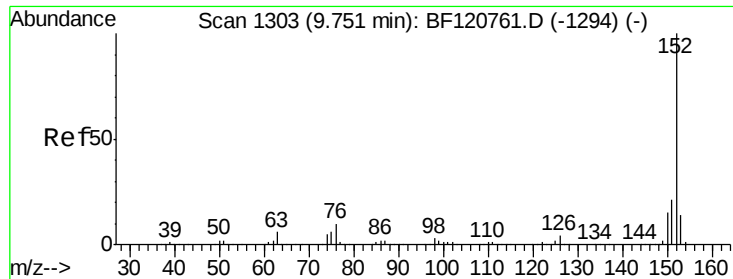
#48
2-Nitroaniline
Concen: 6.747 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 65 Resp: 30010
Ion Ratio Lower Upper
65 100
92 63.0 54.4 81.6
138 84.2 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: 6.916 ng

RT: 9.75 min Scan# 1302

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

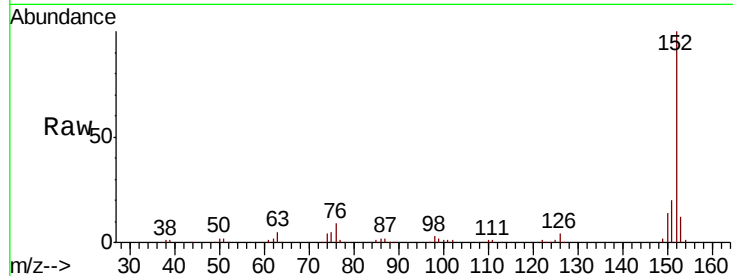
Tot Ion:152 Resp: 180244

Ion Ratio Lower Upper

152 100

151 19.8 16.9 25.3

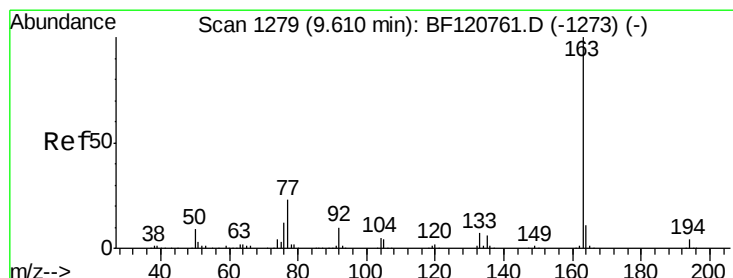
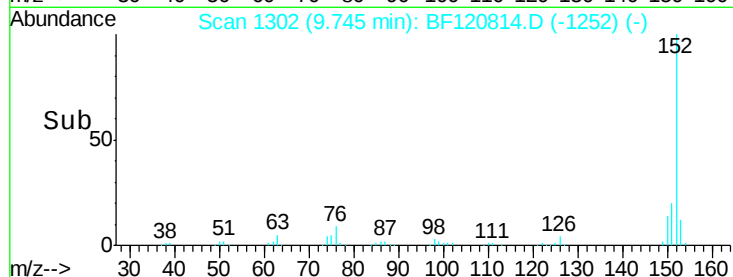
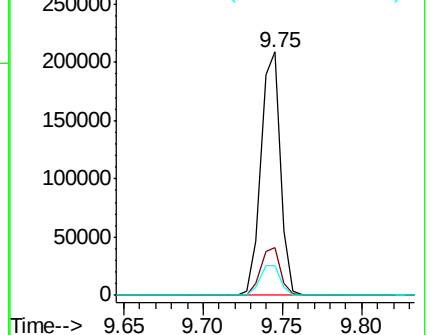
153 12.1 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 6.638 ng

RT: 9.60 min Scan# 1277

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

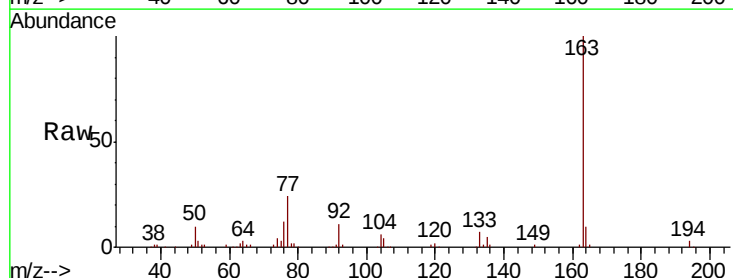
Tgt Ion:163 Resp: 124557

Ion Ratio Lower Upper

163 100

194 3.3 2.9 4.3

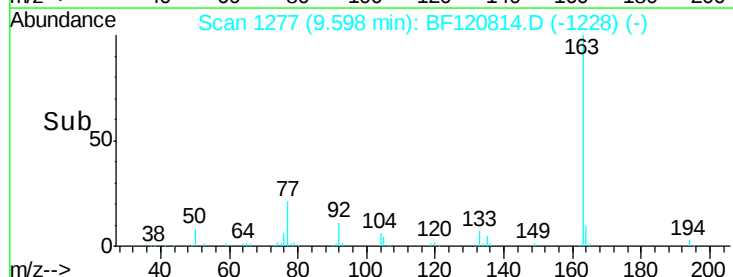
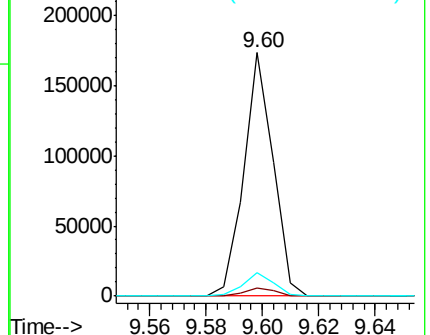
164 9.8 8.5 12.7

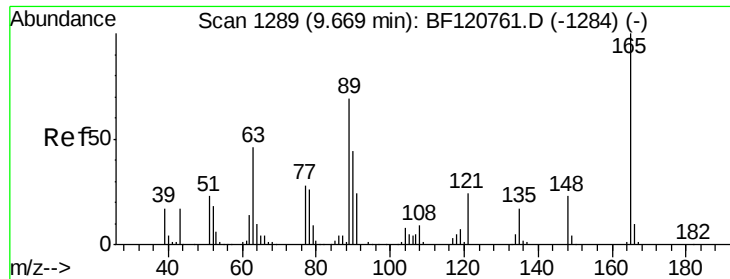


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 6.554 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

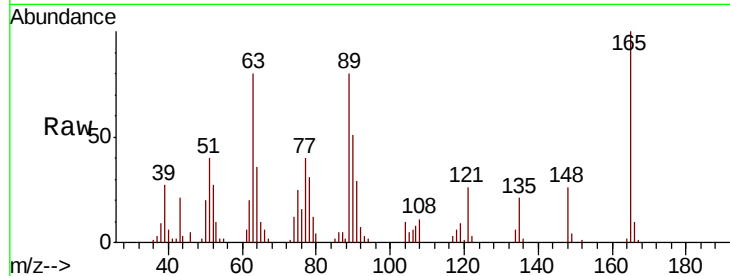
Tot Ion:165 Resp: 22217

Ion Ratio Lower Upper

165 100

63 80.4 54.0 81.0

89 79.8 55.4 83.2

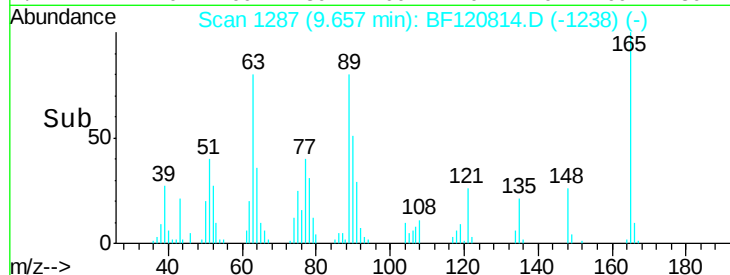


Abundance Ion 165.00 (164.70 to 165.70): E

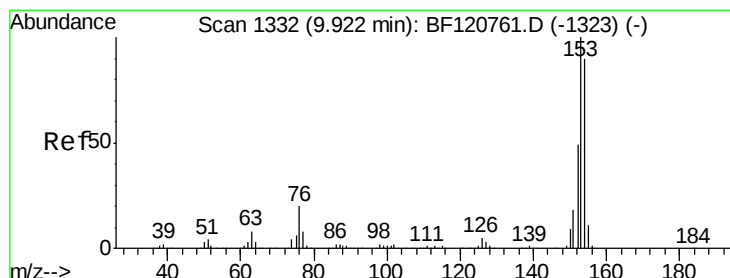
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 6.582 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

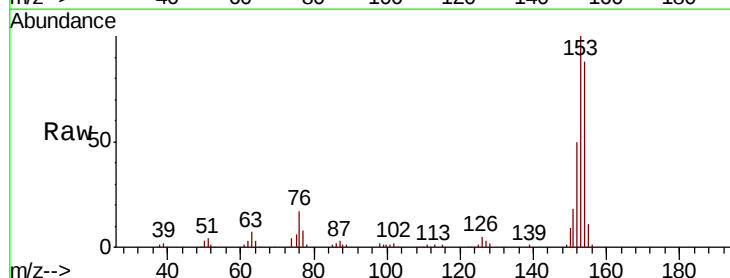
Tgt Ion:154 Resp: 106426

Ion Ratio Lower Upper

154 100

153 113.6 88.6 132.8

152 57.3 43.6 65.4

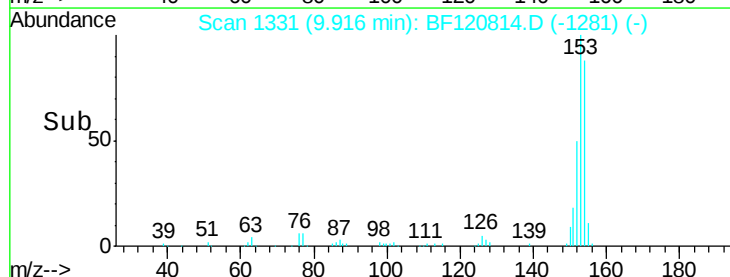


Abundance Ion 154.00 (153.70 to 154.70): E

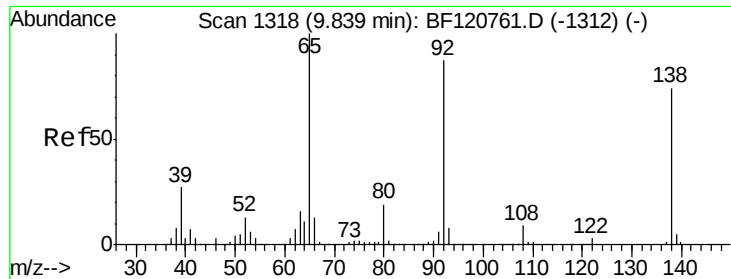
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



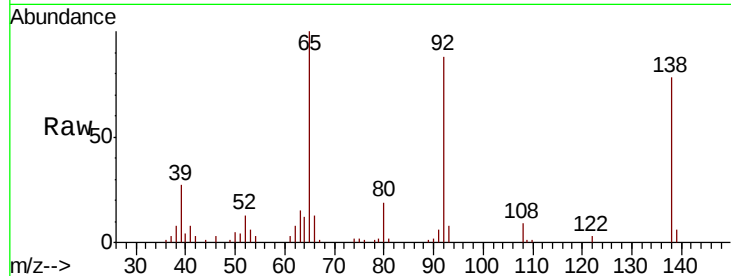
Time-->



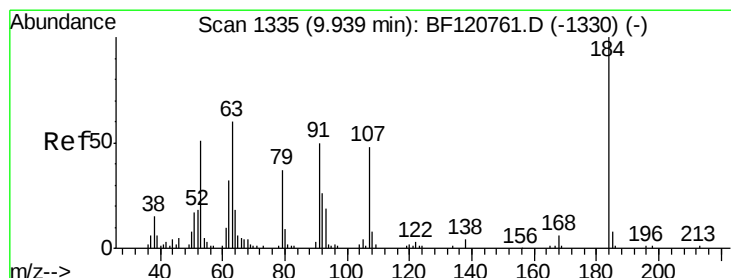
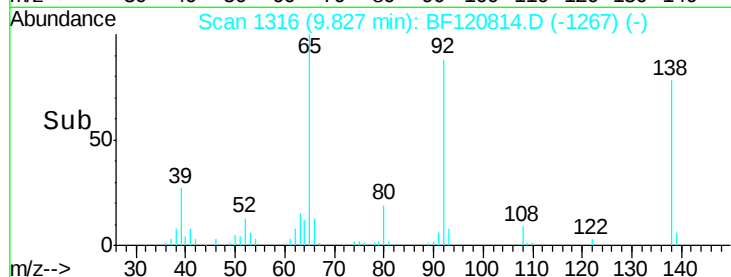
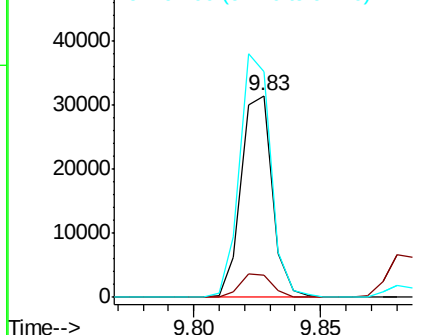
#53
3-Nitroaniline
Concen: 6.427 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:138 Resp: 26917
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.6
92 112.0 93.4 140.2

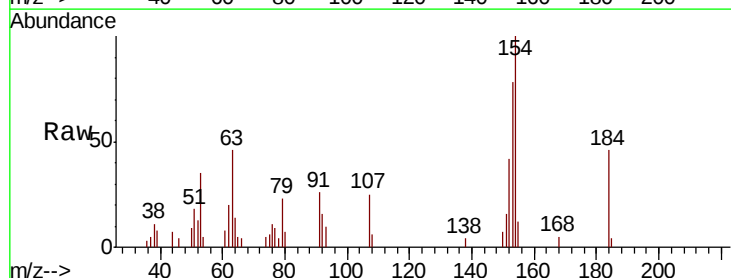


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

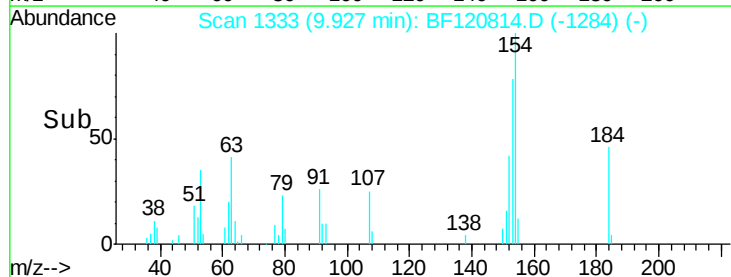
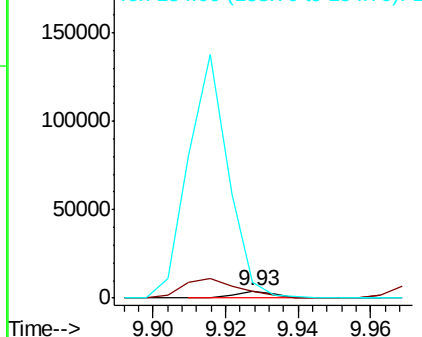


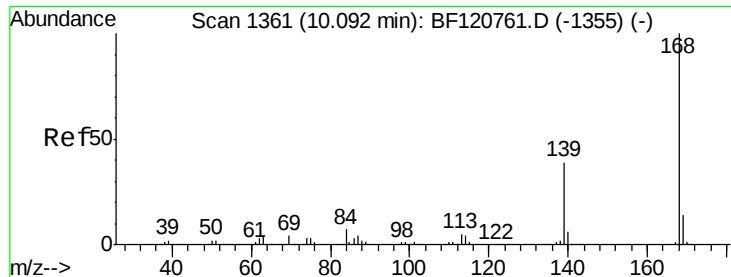
#54
2,4-Dinitrophenol
Concen: 2.763 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:184 Resp: 3093
Ion Ratio Lower Upper
184 100
63 99.9 57.3 85.9#
154 217.8 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

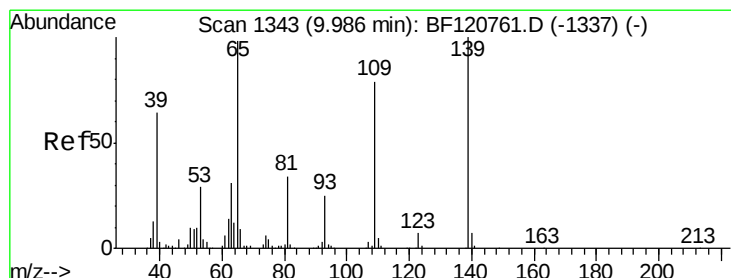
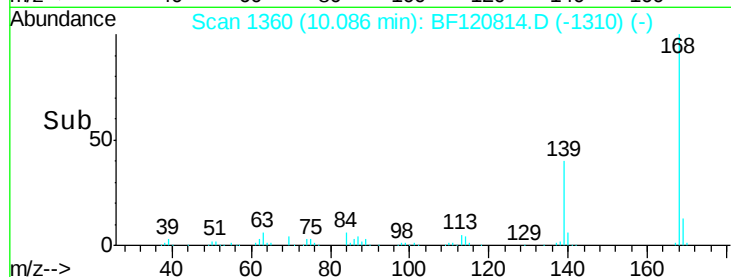
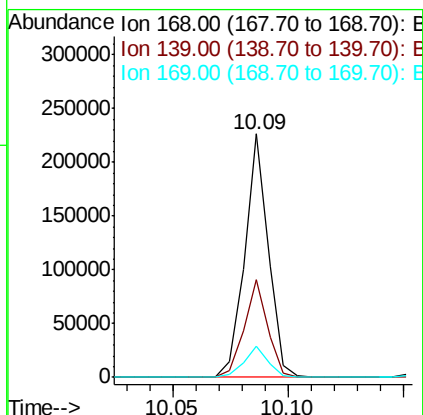
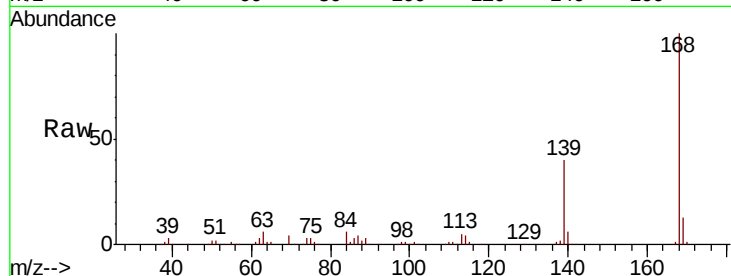




#55
Dibenzenofuran
Concen: 6.928 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

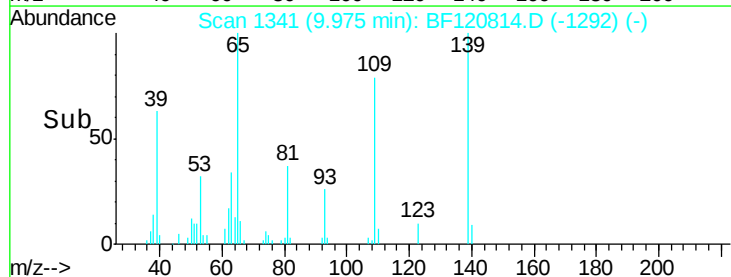
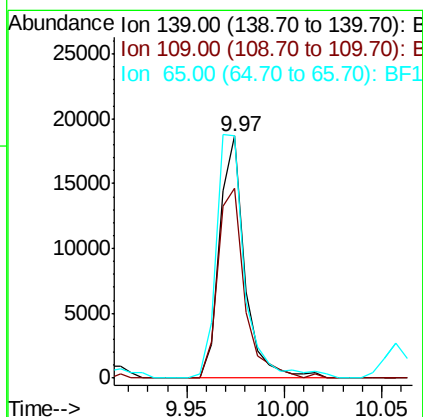
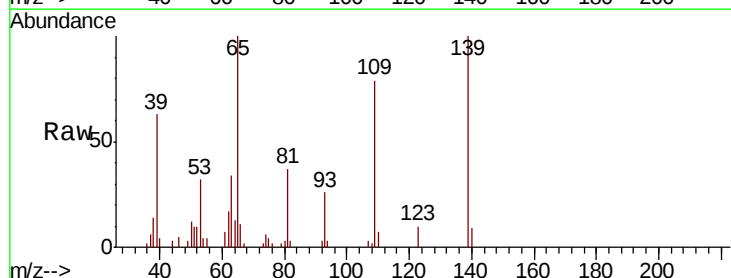
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

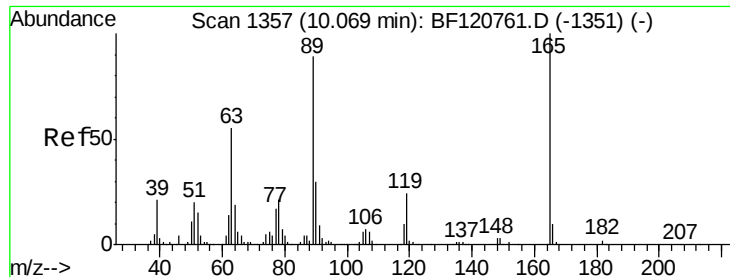
Tot Ion:168 Resp: 161466
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 12.7 11.2 16.8



#56
4-Nitrophenol
Concen: 5.419 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:139 Resp: 16671
Ion Ratio Lower Upper
139 100
109 78.6 58.6 98.6
65 100.0 78.7 118.7

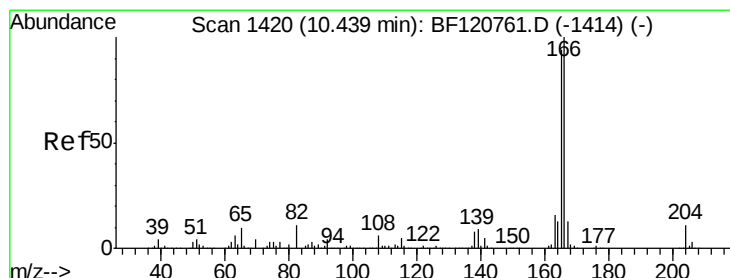
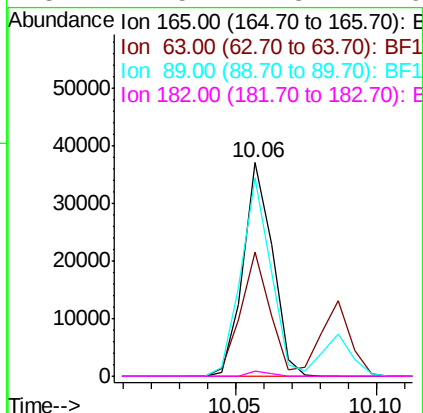
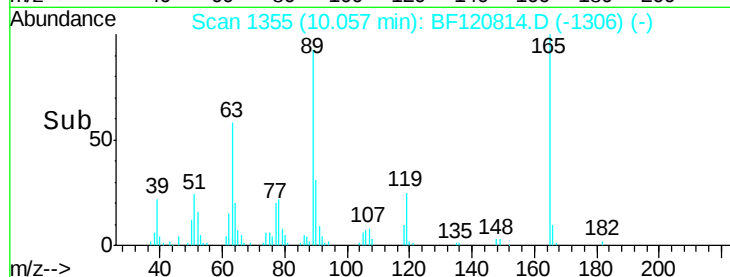
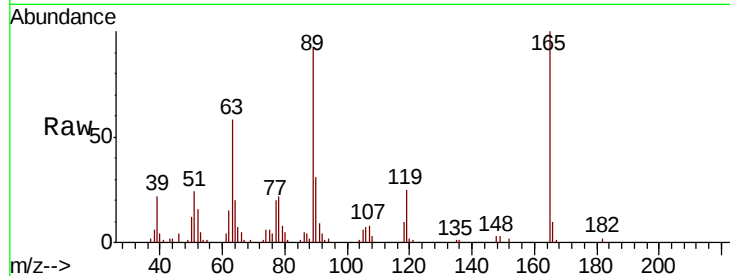




#57
2,4-Dinitrotoluene
Concen: 6.620 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

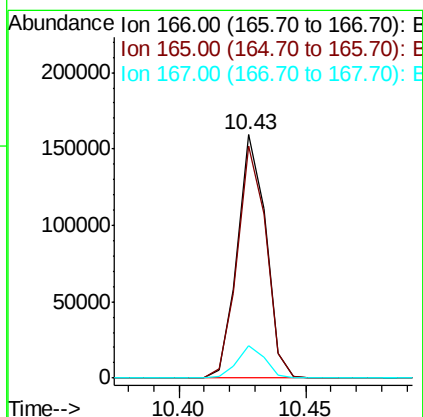
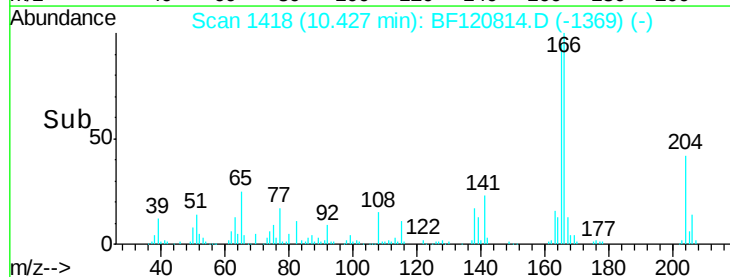
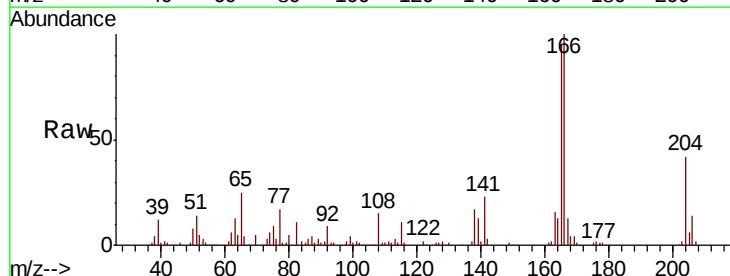
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

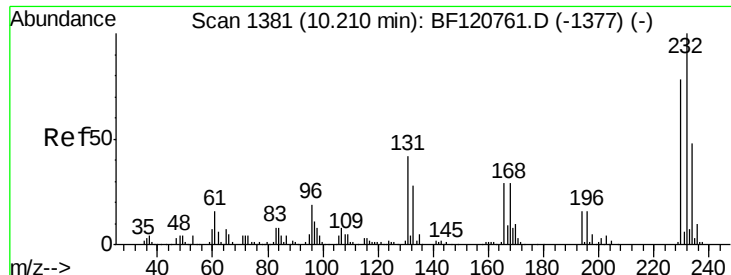
Tot Ion:165 Resp: 26943
Ion Ratio Lower Upper
165 100
63 58.0 43.8 65.8
89 93.0 71.4 107.2
182 2.5 1.8 2.6



#58
Fluorene
Concen: 7.158 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:166 Resp: 124168
Ion Ratio Lower Upper
166 100
165 95.2 75.5 113.3
167 13.4 10.6 16.0

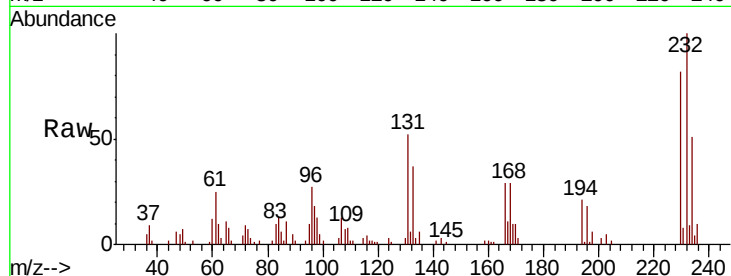




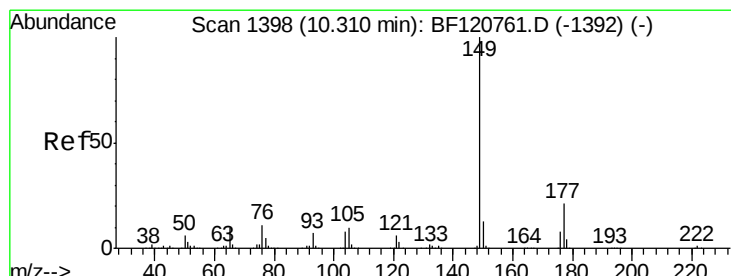
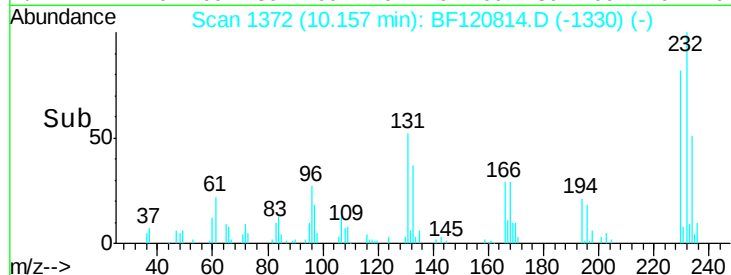
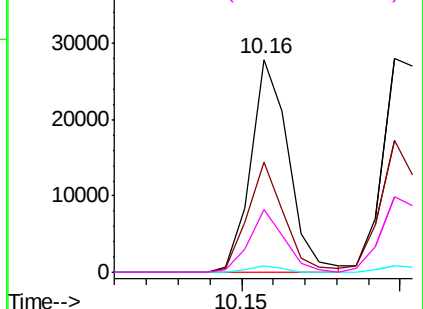
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 5.280 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.05 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

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

Tot Ion:232 Resp: 23099
 Ion Ratio Lower Upper
 232 100
 131 49.6 36.3 54.5
 130 2.8 2.0 3.0
 166 27.4 20.9 31.3

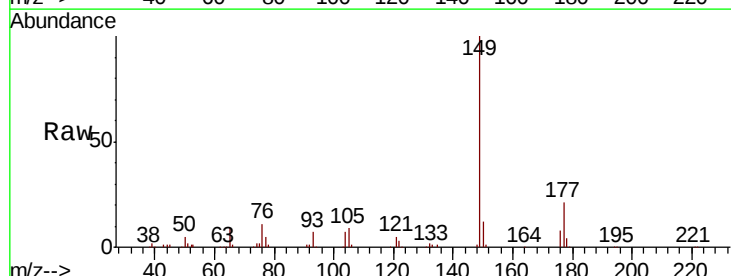


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

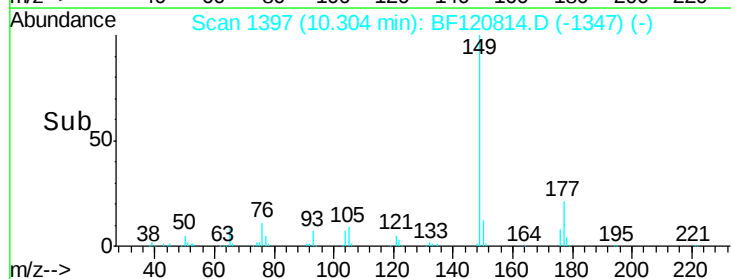
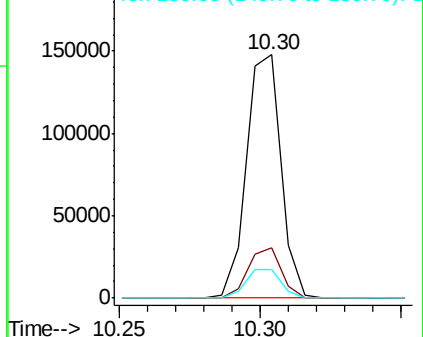


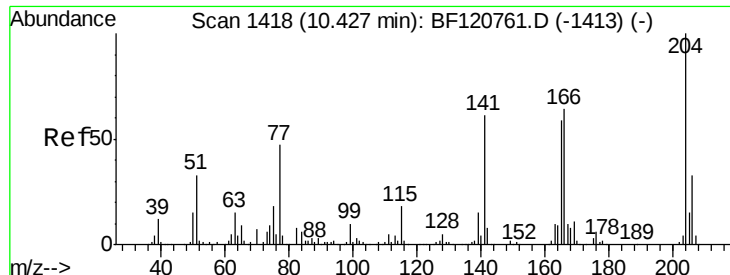
#60
 Diethylphthalate
 Concen: 6.407 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:149 Resp: 125250
 Ion Ratio Lower Upper
 149 100
 177 20.9 16.4 24.6
 150 11.9 10.2 15.4



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

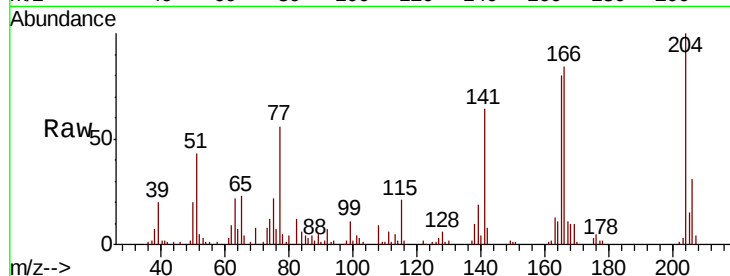




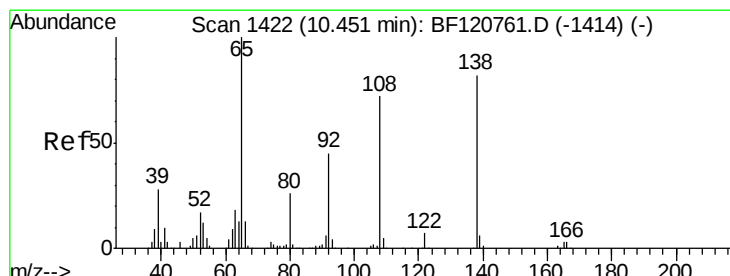
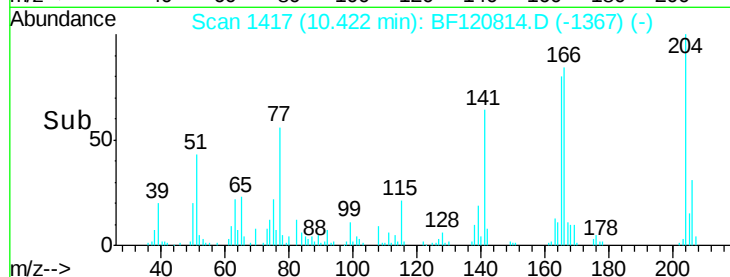
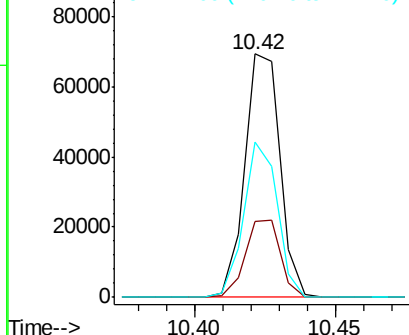
#61
4-Chlorophenyl-phenylether
Concen: 6.876 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:204 Resp: 59962
Ion Ratio Lower Upper
204 100
206 31.4 26.7 40.1
141 63.5 48.5 72.7

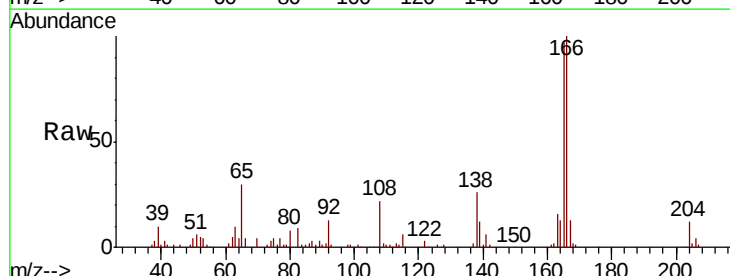


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

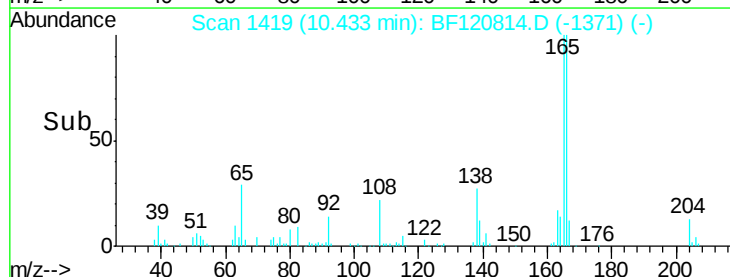
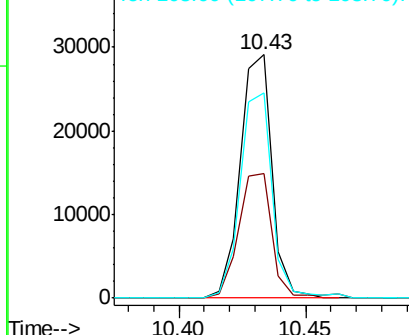


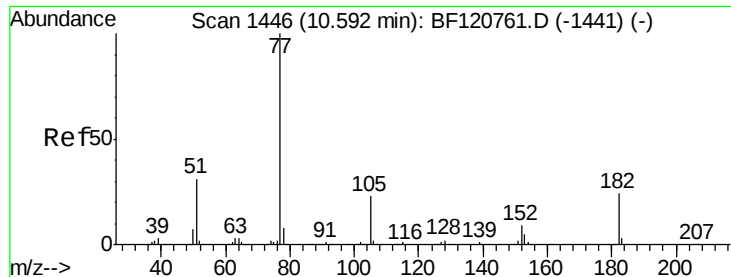
#62
4-Nitroaniline
Concen: 6.305 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:138 Resp: 25138
Ion Ratio Lower Upper
138 100
92 51.3 34.3 74.3
108 84.2 68.3 108.3



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

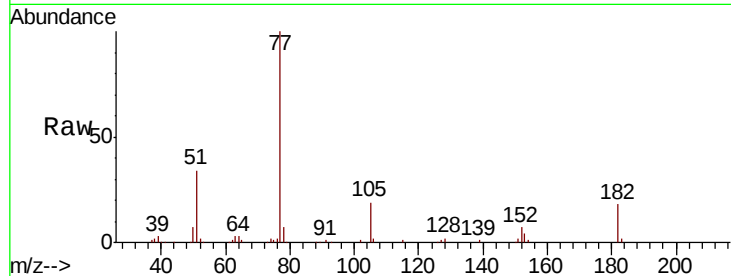




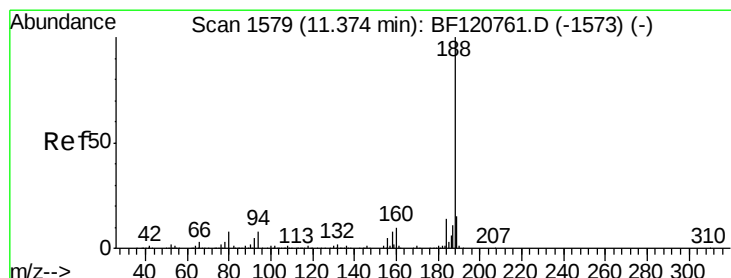
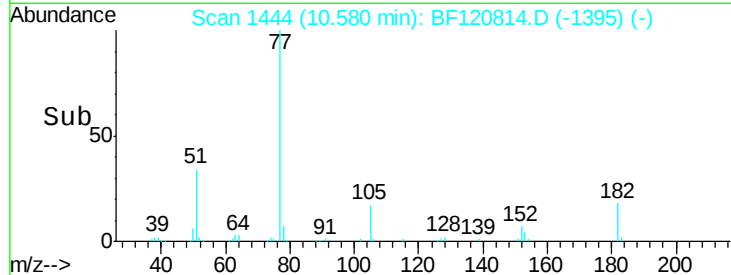
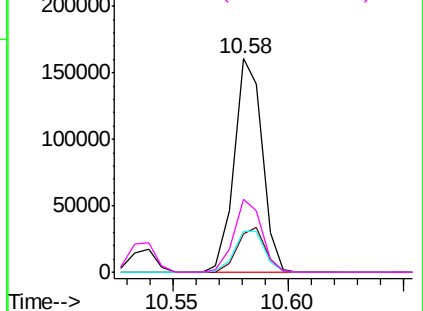
#63
Azobenzene
Concen: 6.817 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion: 77 Resp: 136322
Ion Ratio Lower Upper
77 100
182 18.2 4.0 44.0
105 19.4 2.6 42.6
51 34.4 11.5 51.5

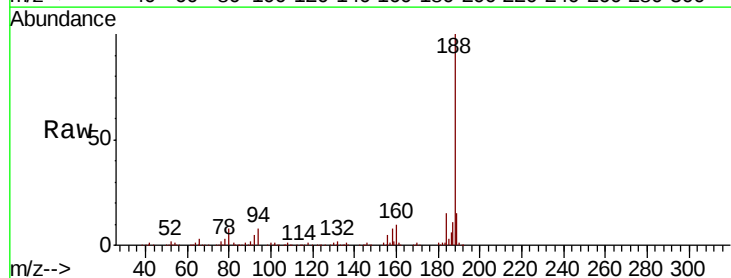


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

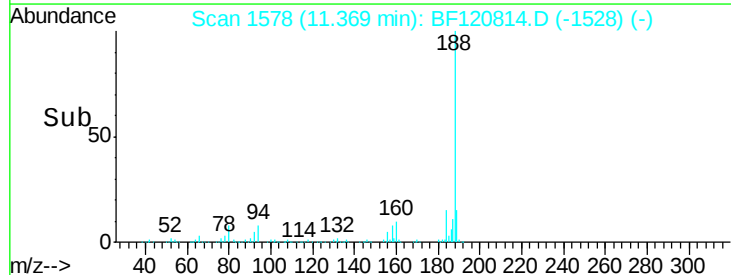
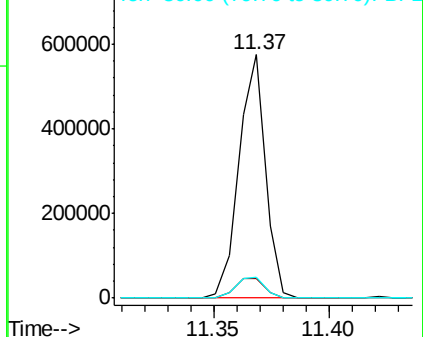


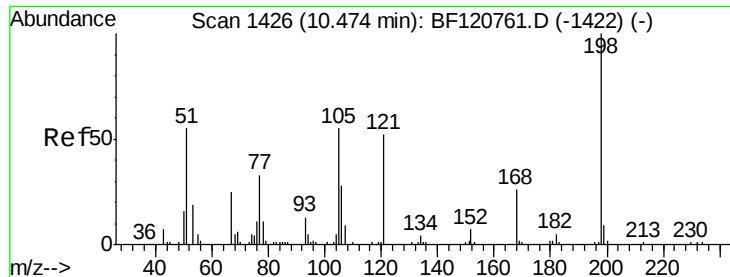
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion: 188 Resp: 461103
Ion Ratio Lower Upper
188 100
94 8.2 6.6 9.8
80 8.5 6.6 10.0



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

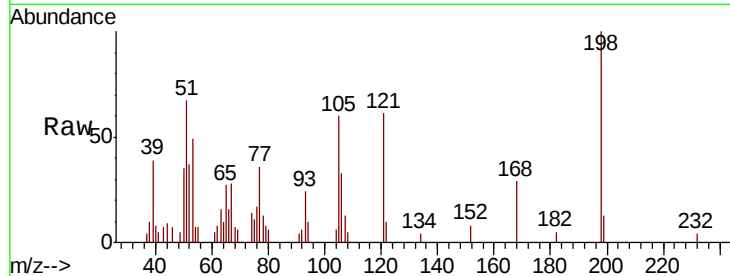




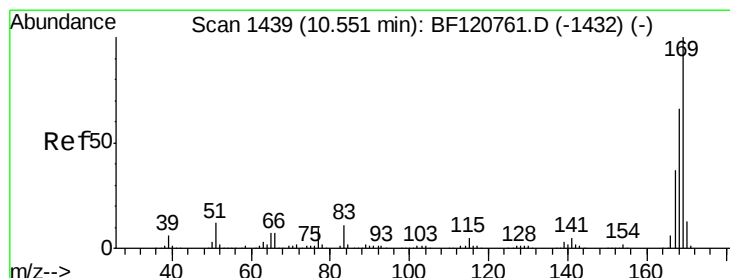
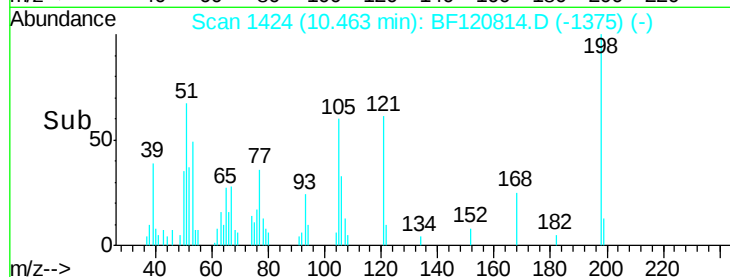
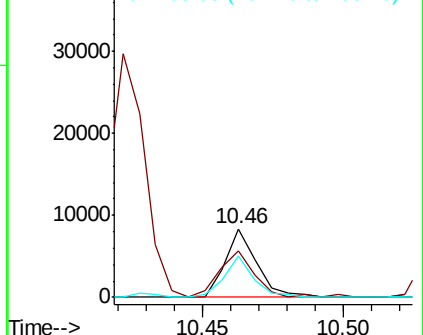
#65
4,6-Dinitro-2-methylphenol
Concen: 4.354 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:198 Resp: 6450
Ion Ratio Lower Upper
198 100
51 66.9 50.0 90.0
105 60.0 38.3 78.3

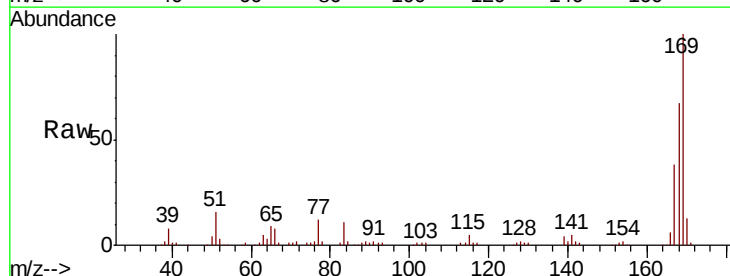


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

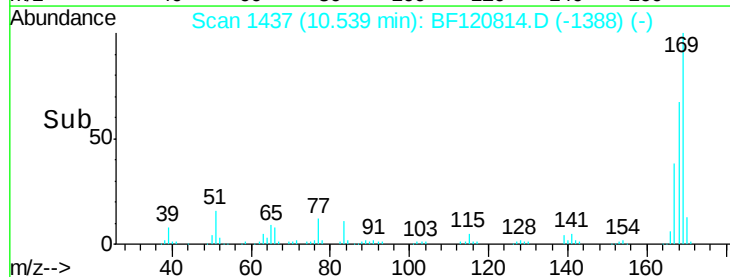
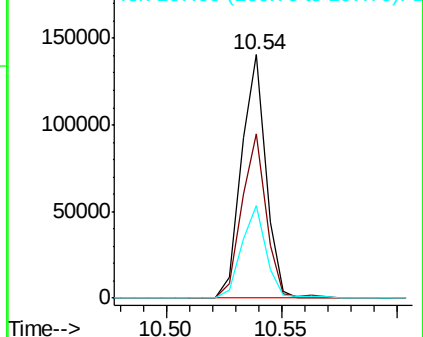


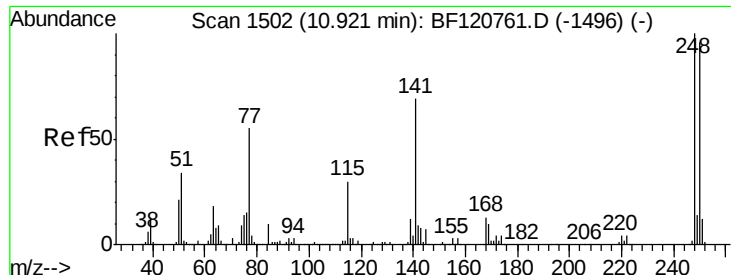
#66
n-Nitrosodiphenylamine
Concen: 6.711 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:169 Resp: 103722
Ion Ratio Lower Upper
169 100
168 67.2 53.1 79.7
167 38.2 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

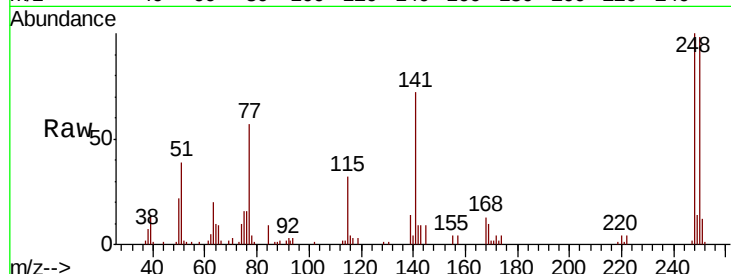




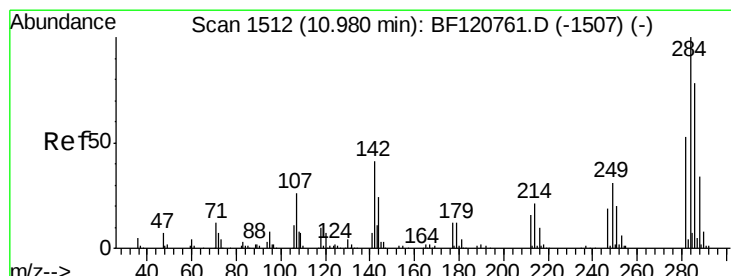
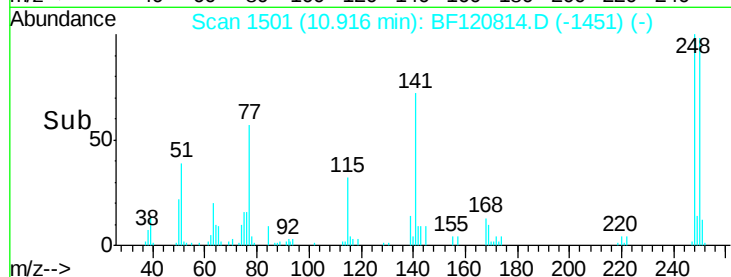
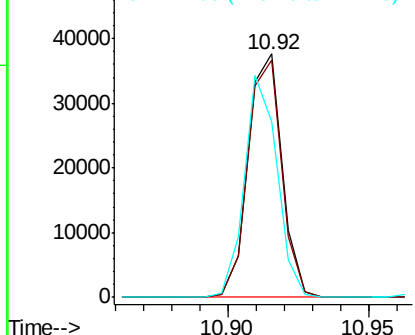
#67
 4-Bromophenyl-phenylether
 Concen: 5.869 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

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

Tot Ion:248 Resp: 31393
 Ion Ratio Lower Upper
 248 100
 250 97.5 76.5 114.7
 141 72.4 54.9 82.3

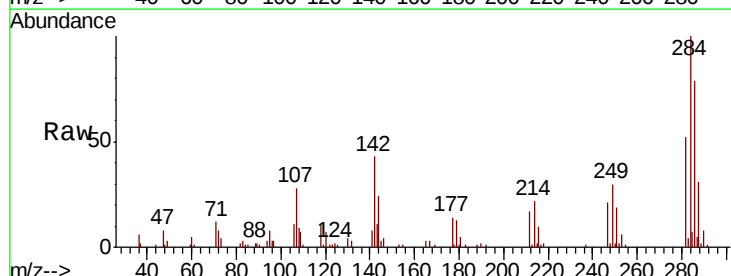


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

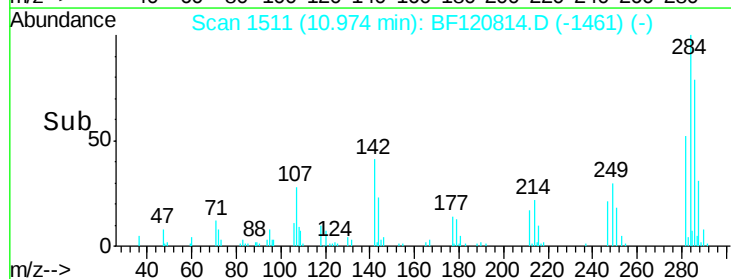
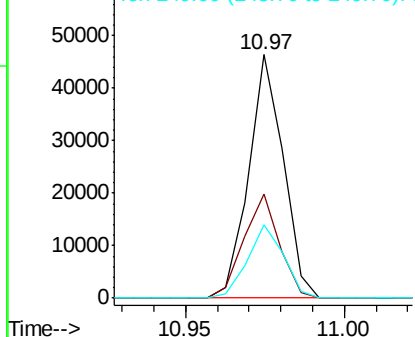


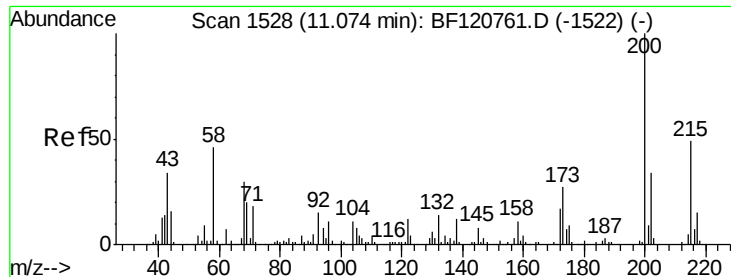
#68
 Hexachlorobenzene
 Concen: 6.256 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:284 Resp: 35113
 Ion Ratio Lower Upper
 284 100
 142 42.9 32.5 48.7
 249 30.0 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

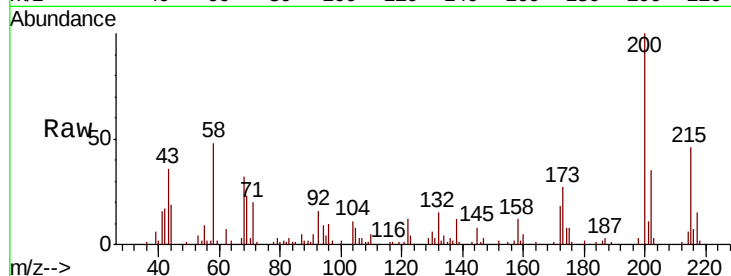




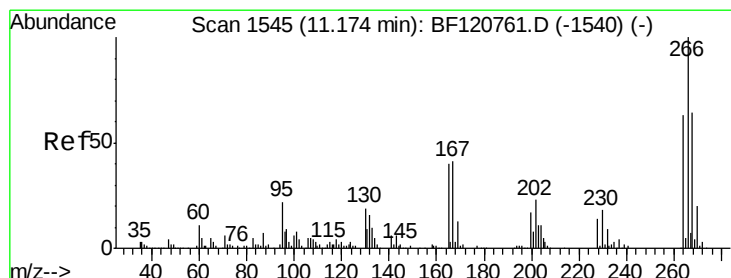
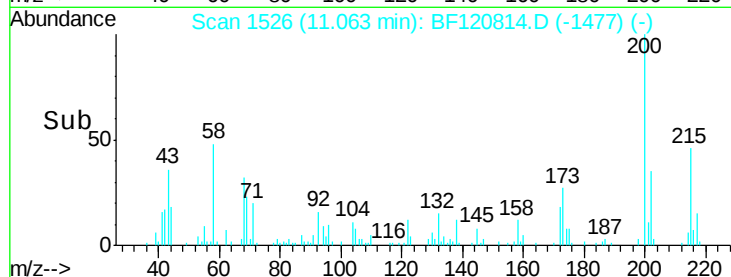
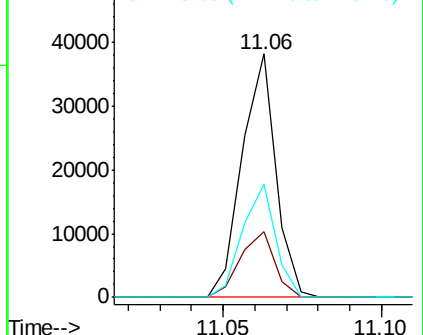
#69
Atrazine
Concen: 7.079 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:200 Resp: 28184
Ion Ratio Lower Upper
200 100
173 27.1 7.4 47.4
215 46.4 28.8 68.8

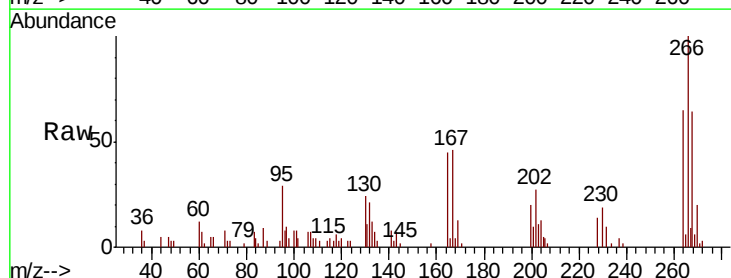


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

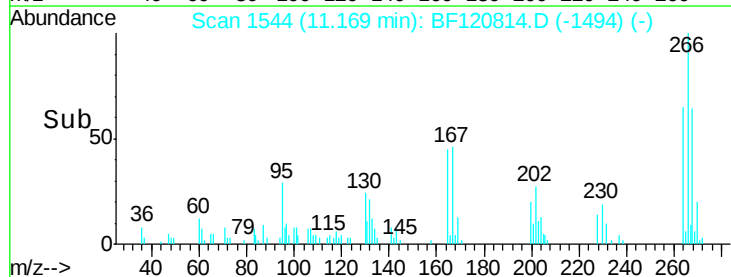
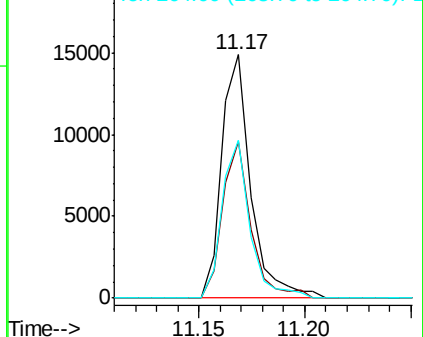


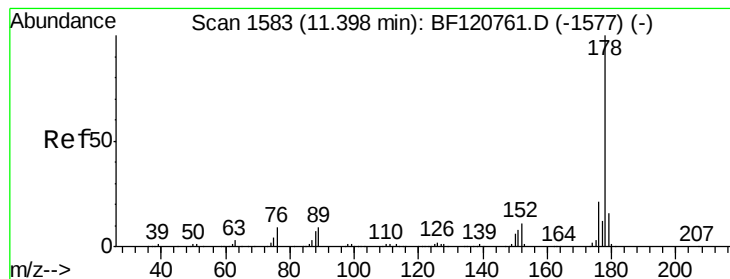
#70
Pentachlorophenol
Concen: 4.473 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:266 Resp: 14204
Ion Ratio Lower Upper
266 100
268 64.4 51.4 77.2
264 64.6 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: 6.809 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

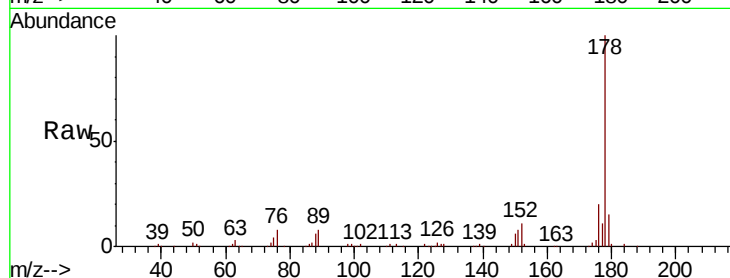
Tot Ion:178 Resp: 170365

Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.4	24.6
179	15.3	12.9	19.3

178 100

176 20.3 16.4 24.6

179 15.3 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

250000

200000

150000

100000

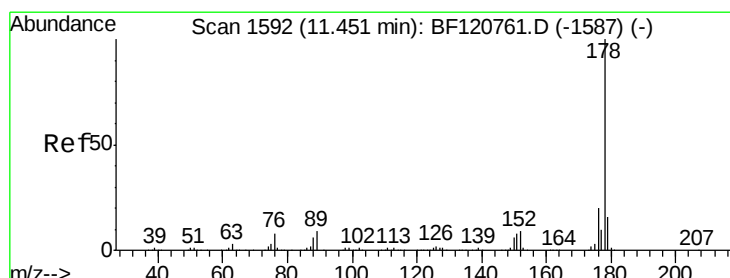
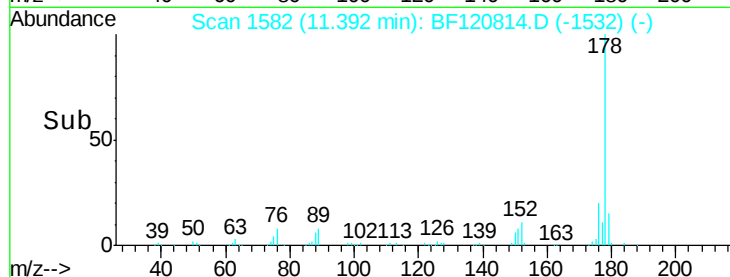
50000

0

11.35

11.40

Time-->



#72

Anthracene

Concen: 6.835 ng

RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

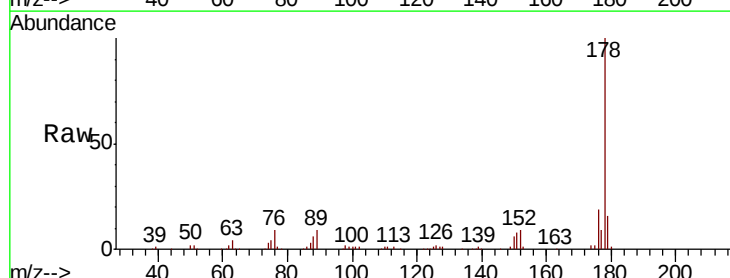
Tgt Ion:178 Resp: 172788

Ion	Ratio	Lower	Upper
178	100		
176	19.2	16.2	24.2
179	15.8	12.7	19.1

178 100

176 19.2 16.2 24.2

179 15.8 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

250000

200000

150000

100000

50000

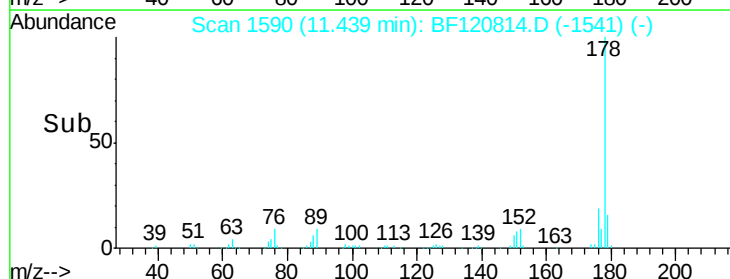
0

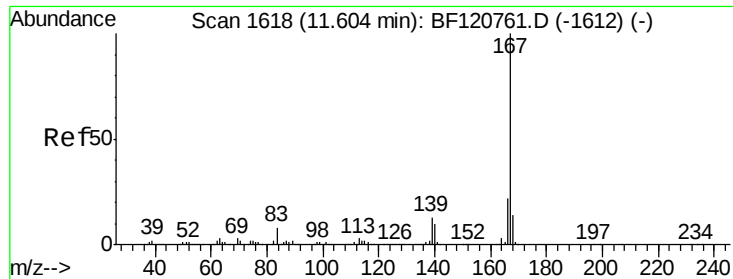
11.40

11.45

11.50

Time-->

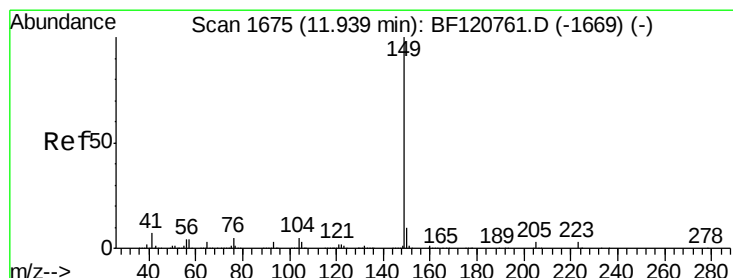
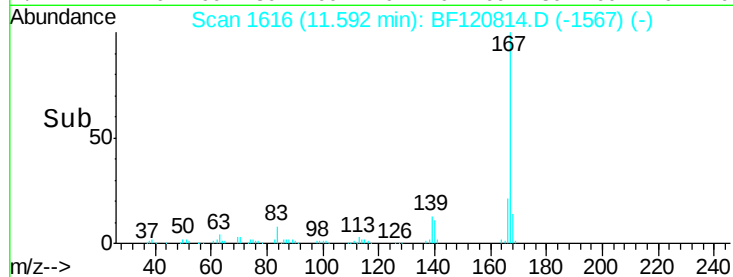
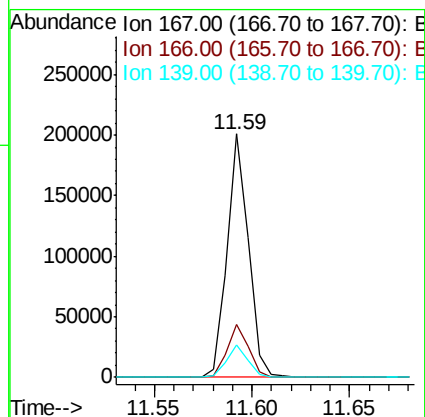
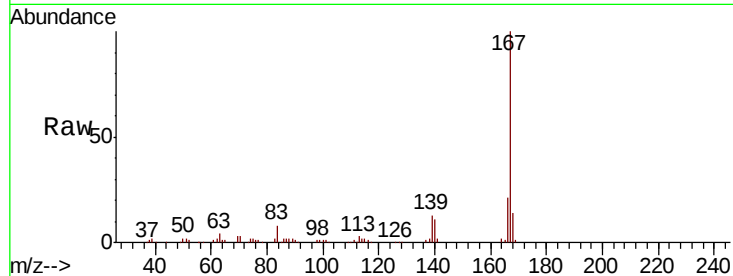




#73
 Carbazole
 Concen: 6.261 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

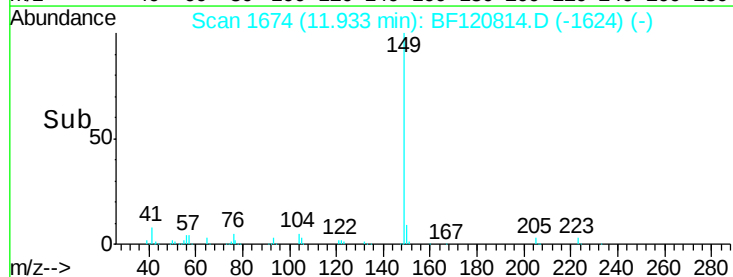
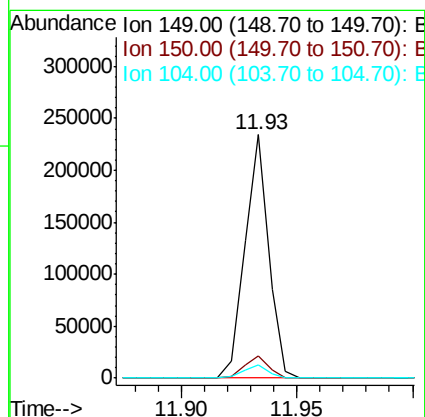
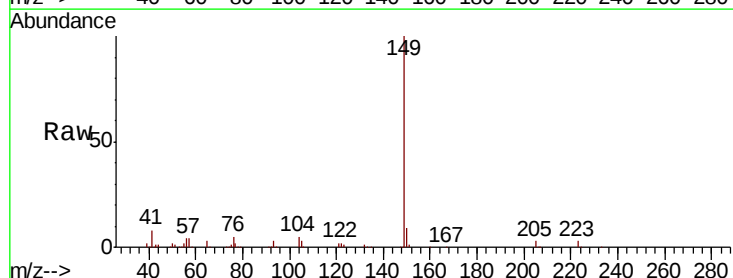
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

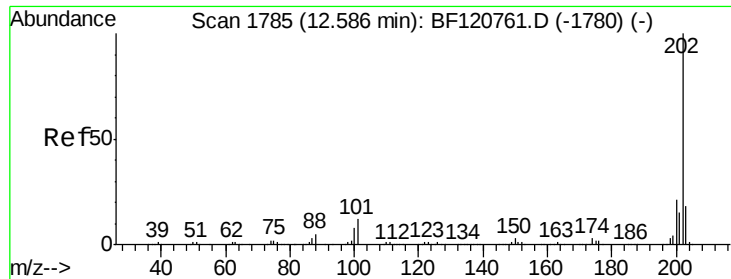
Tot Ion:167 Resp: 152115
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.8 26.8
 139 13.2 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 5.590 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion:149 Resp: 168146
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.7 11.5
 104 5.2 4.0 6.0





#75

Fluoranthene

Concen: 6.241 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

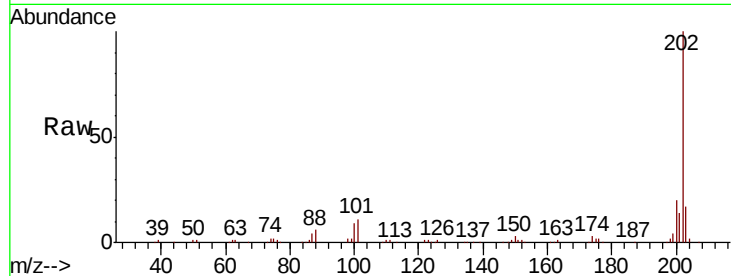
Tot Ion:202 Resp: 166332

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.6

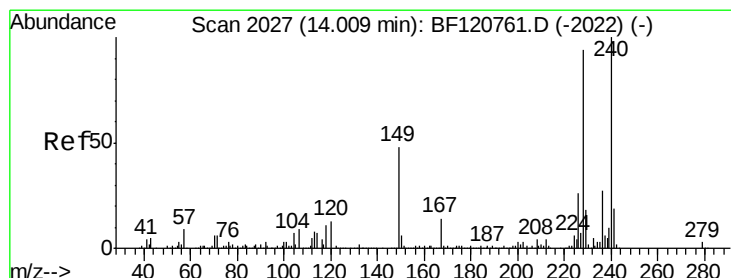
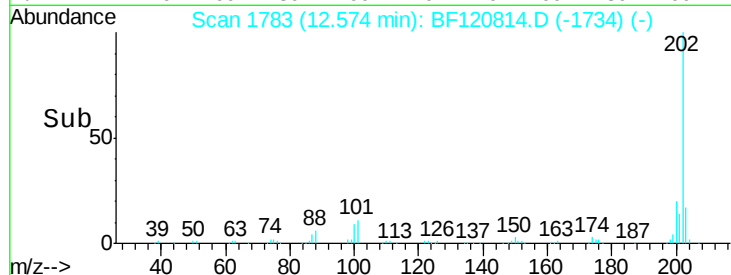
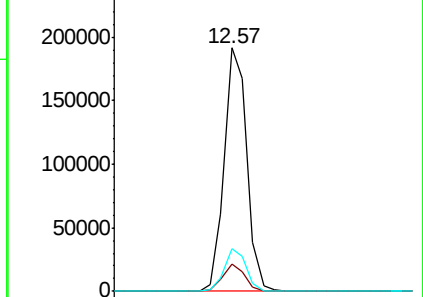
203 17.4 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

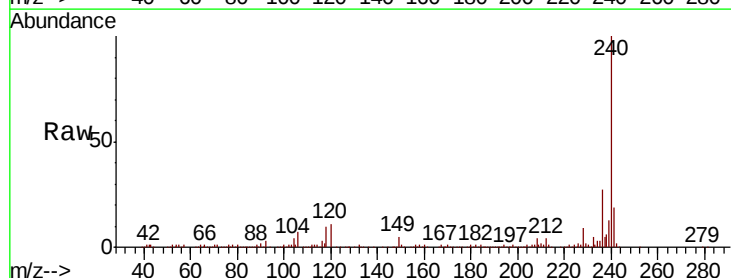
Tgt Ion:240 Resp: 330518

Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

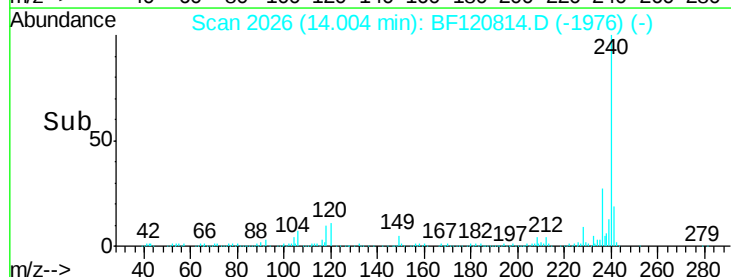
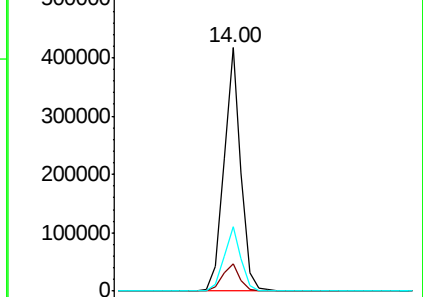
236 26.7 21.4 32.2

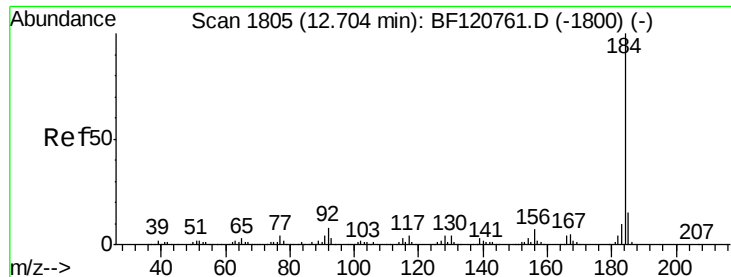


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 6.762 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

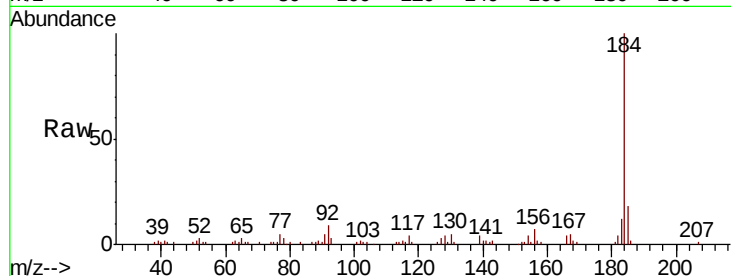
Tot Ion:184 Resp: 63082

Ion Ratio Lower Upper

184 100

185 18.0 11.8 17.8#

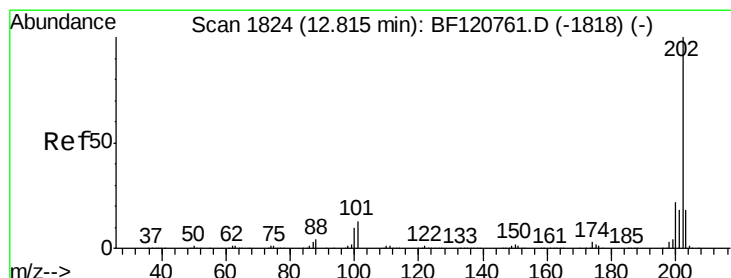
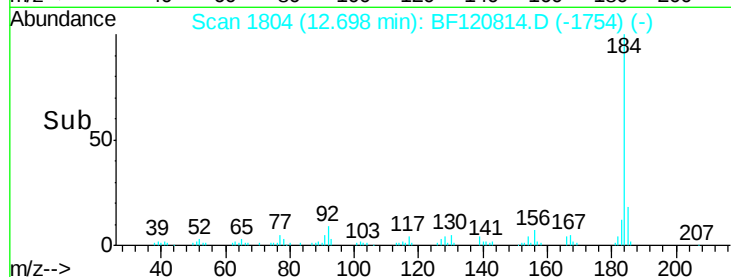
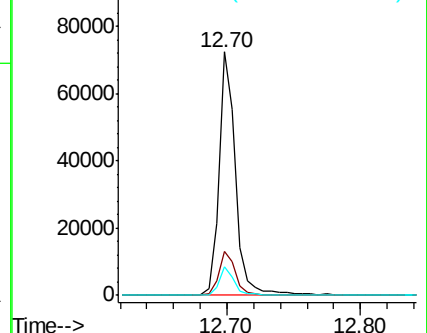
183 11.7 8.3 12.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 6.662 ng

RT: 12.80 min Scan# 1822

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

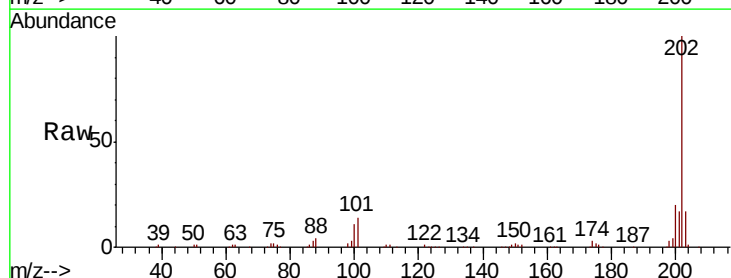
Tgt Ion:202 Resp: 175864

Ion Ratio Lower Upper

202 100

200 20.2 17.3 25.9

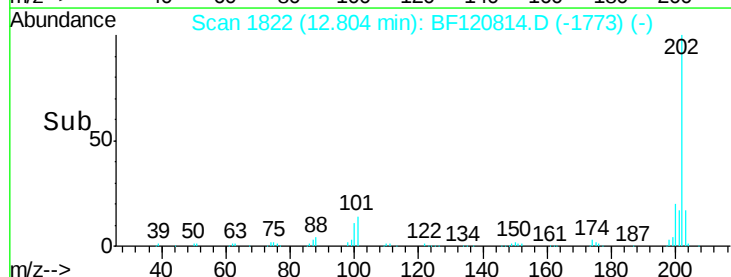
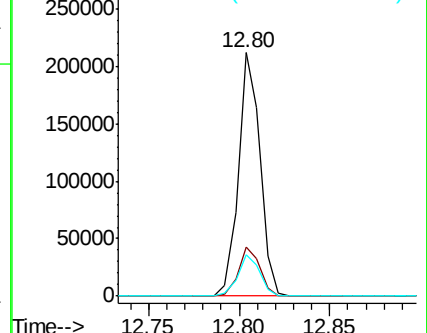
203 16.9 14.6 22.0

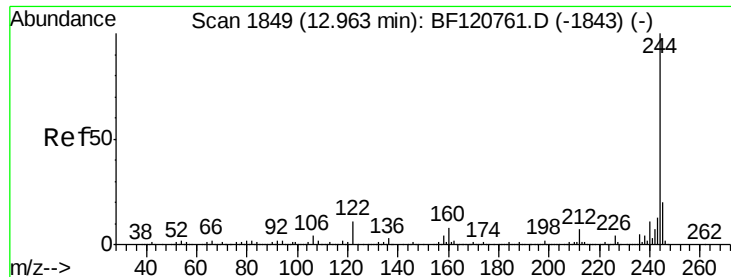


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 62.751 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

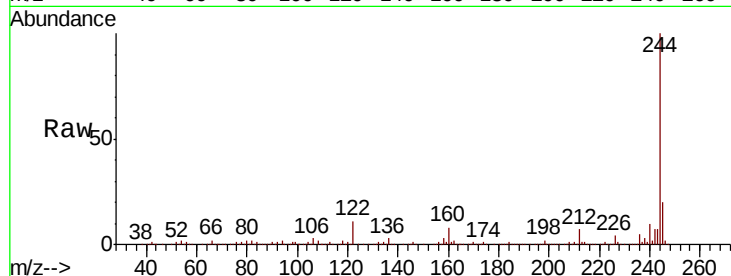
Tot Ion:244 Resp: 1059325

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

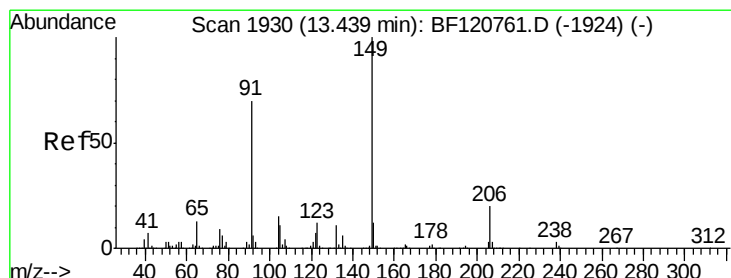
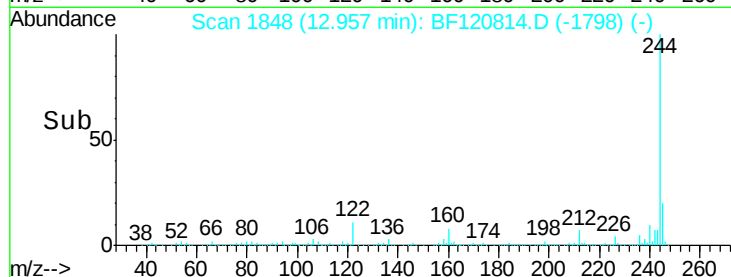
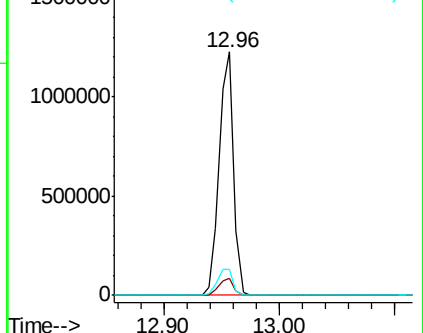
122 10.6 9.0 13.4



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: 4.844 ng

RT: 13.43 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

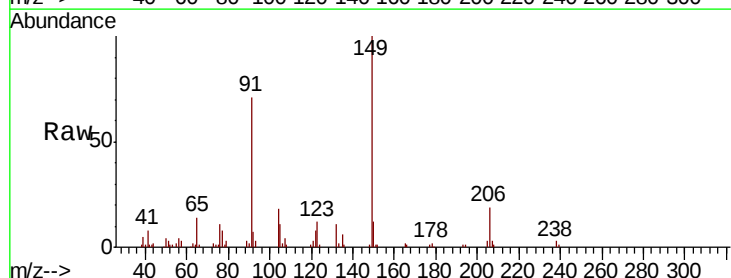
Tgt Ion:149 Resp: 55200

Ion Ratio Lower Upper

149 100

91 70.5 55.8 83.8

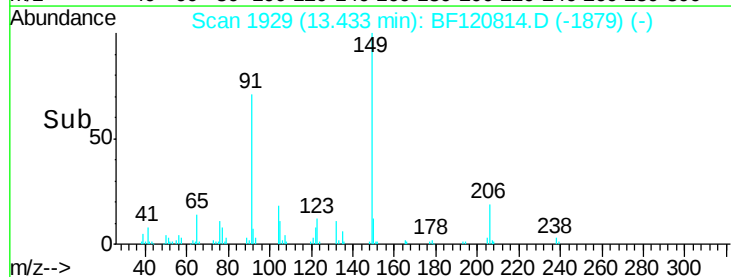
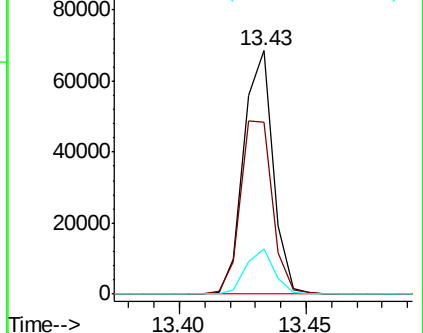
206 18.6 15.7 23.5

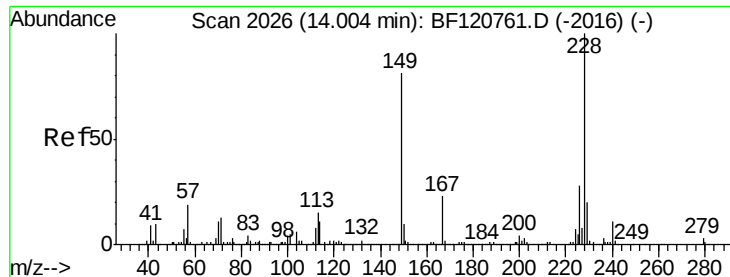


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

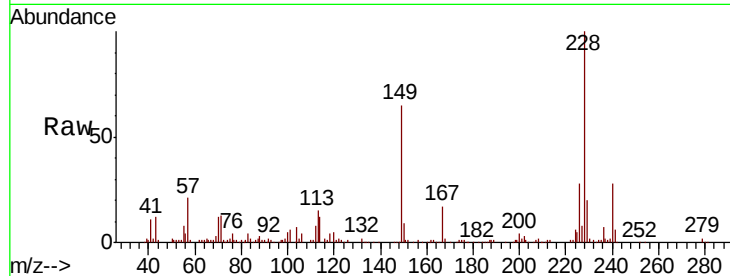




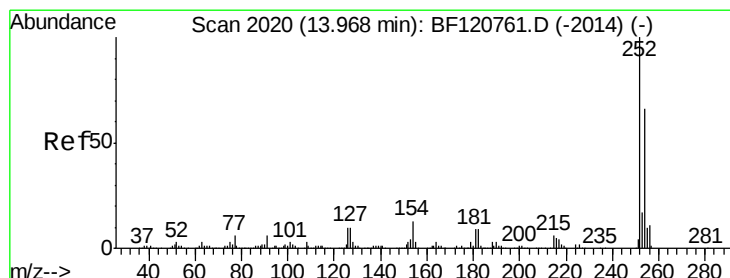
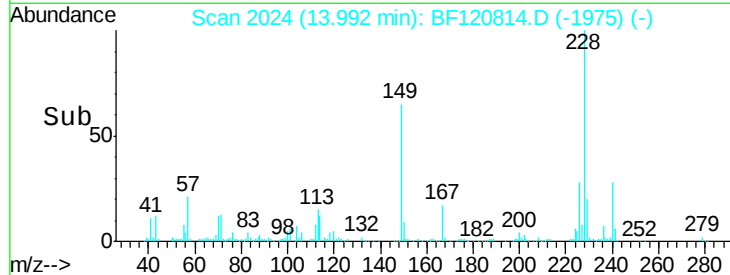
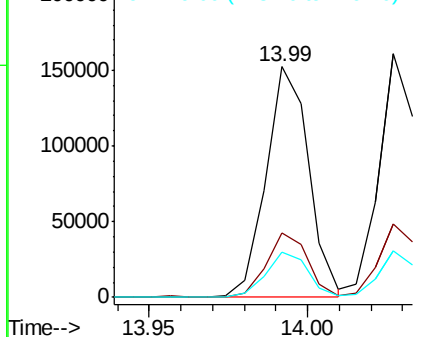
#81
Benzo(a)anthracene
Concen: 6.742 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:228 Resp: 142846
Ion Ratio Lower Upper
228 100
226 28.1 22.6 33.8
229 19.8 15.8 23.6

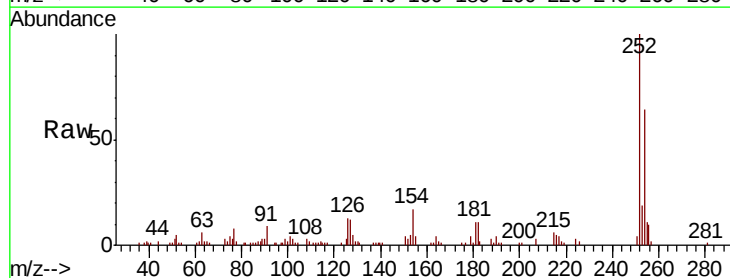


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

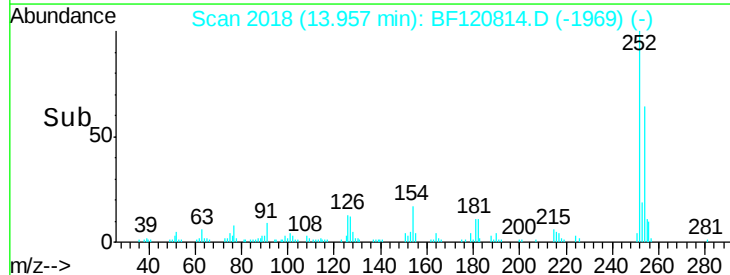
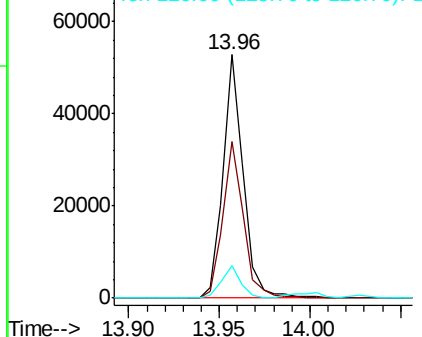


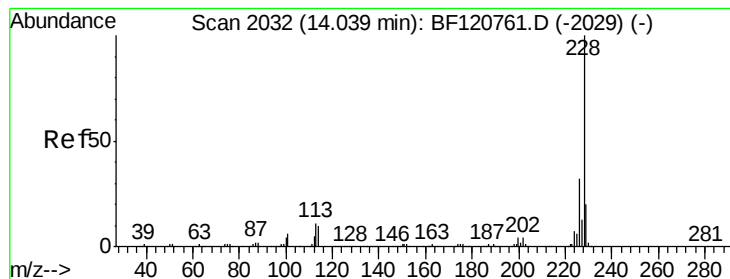
#82
3,3'-Dichlorobenzidine
Concen: 5.733 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:252 Resp: 40990
Ion Ratio Lower Upper
252 100
254 64.2 52.6 78.8
126 13.1 7.8 11.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 6.316 ng

RT: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

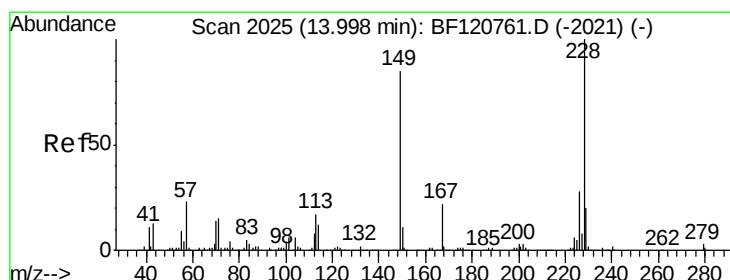
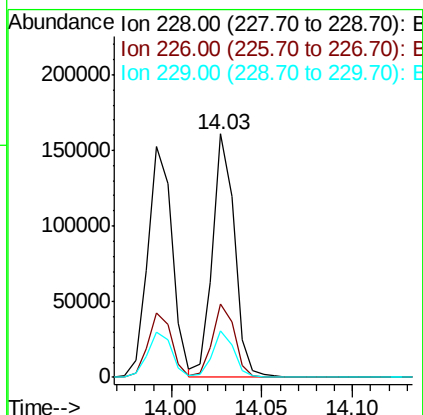
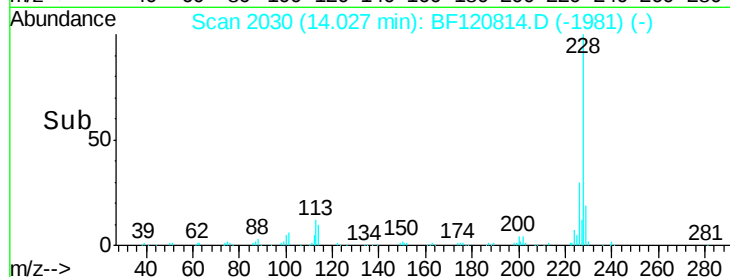
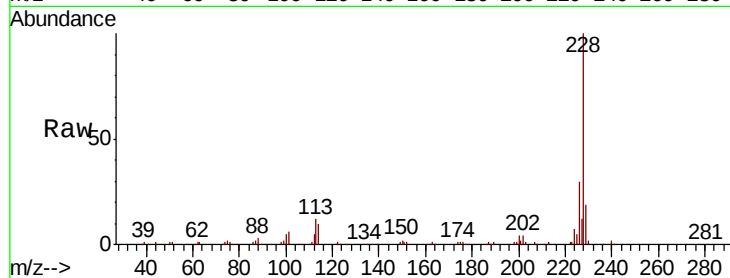
Tot Ion:228 Resp: 136495

Ion Ratio Lower Upper

228 100

226 30.3 25.7 38.5

229 19.2 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 5.844 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

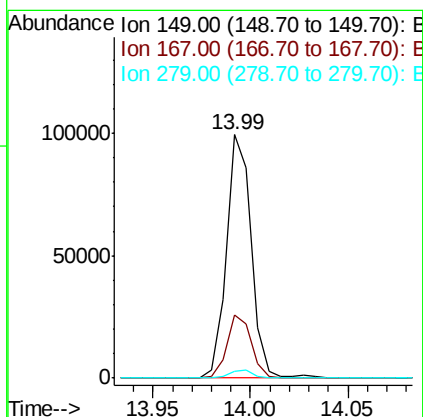
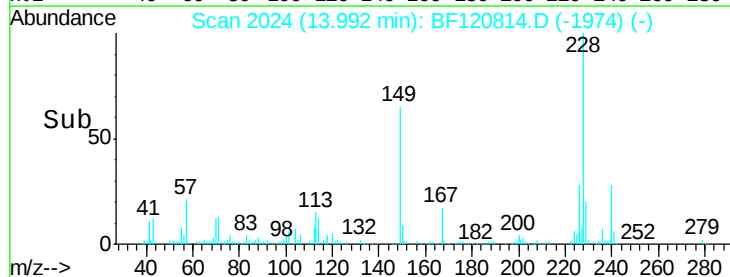
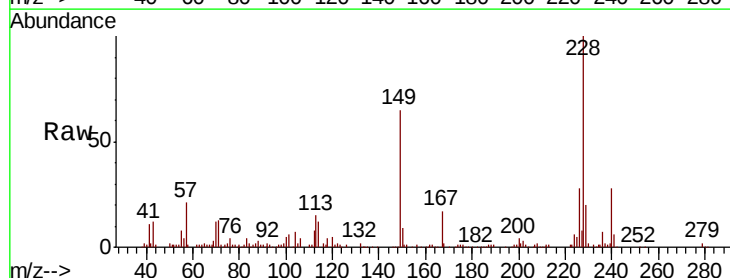
Tgt Ion:149 Resp: 87333

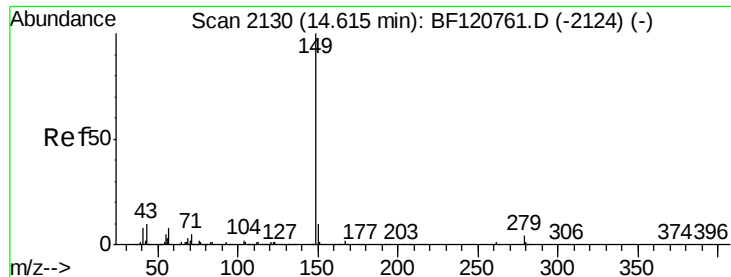
Ion Ratio Lower Upper

149 100

167 26.1 20.9 31.3

279 2.9 2.6 4.0





#85

Di-n-octyl phthalate

Concen: 4.035 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

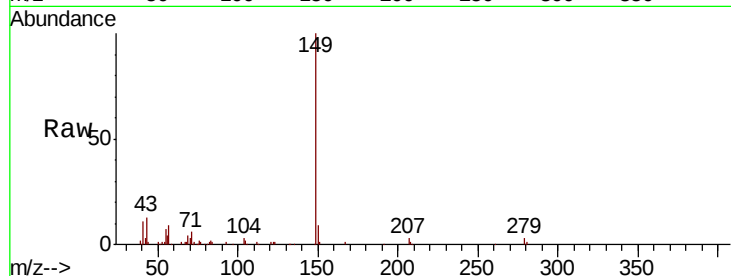
Tot Ion:149 Resp: 106693

Ion Ratio Lower Upper

149 100

167 1.3 1.2 1.8

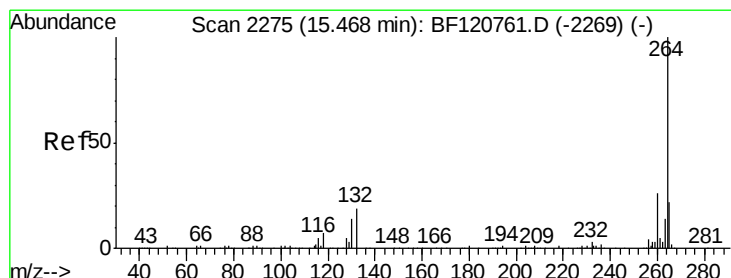
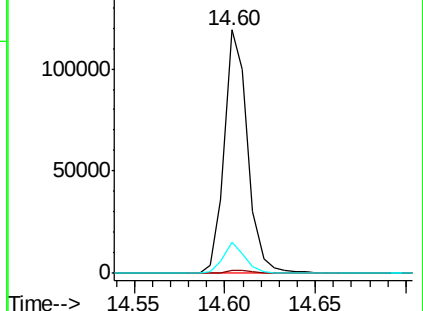
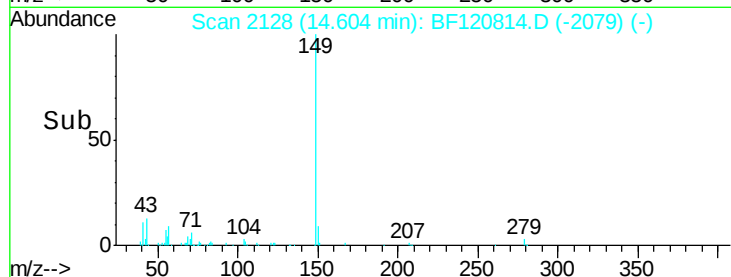
43 12.1 8.7 13.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120814.D

Acq: 9 Jul 2020 13:01

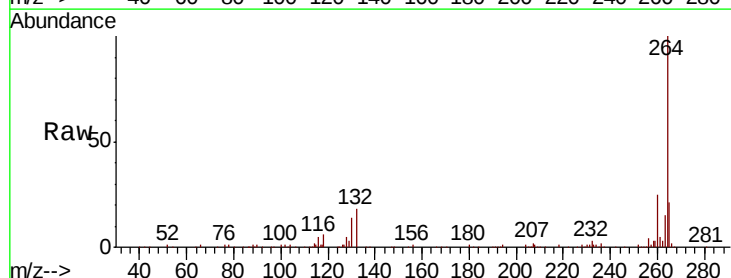
Tgt Ion:264 Resp: 268440

Ion Ratio Lower Upper

264 100

260 24.8 20.6 30.8

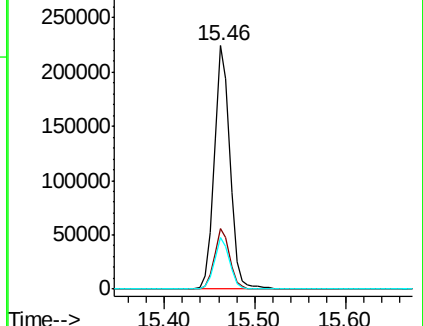
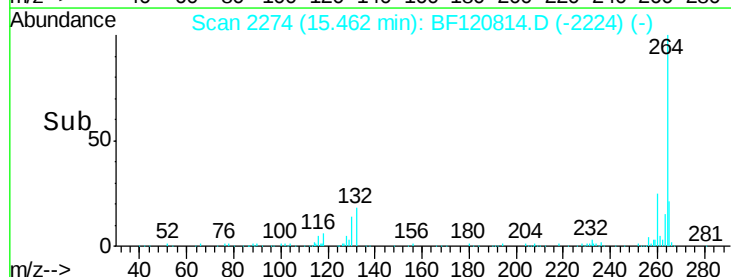
265 21.4 17.6 26.4

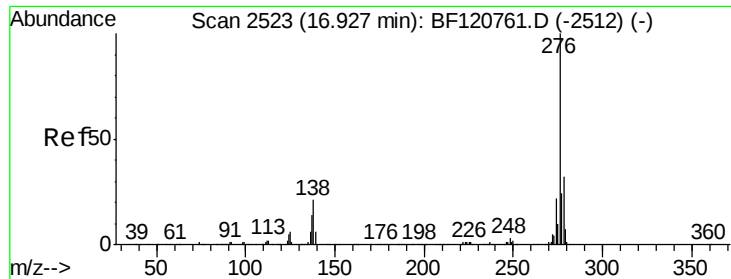


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

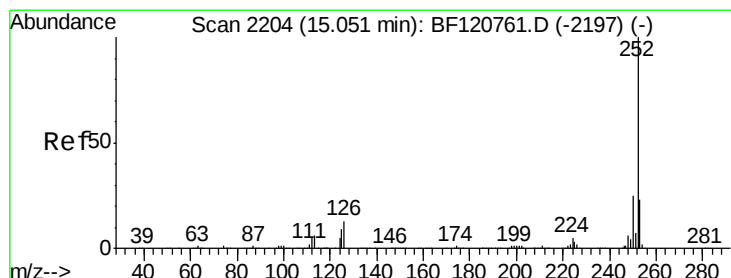
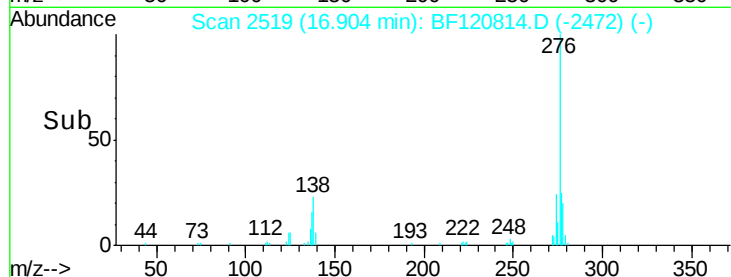
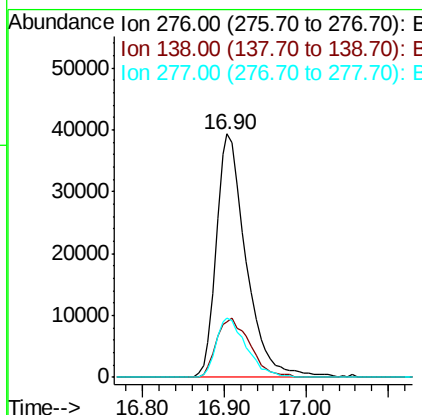
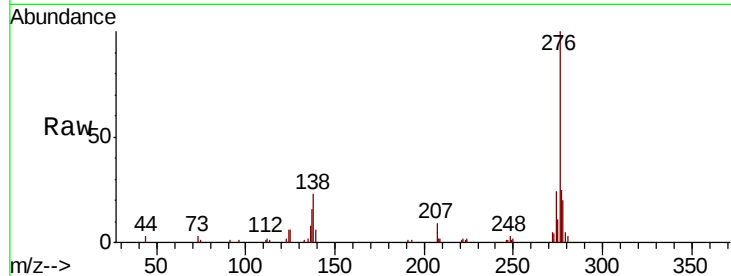




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.778 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

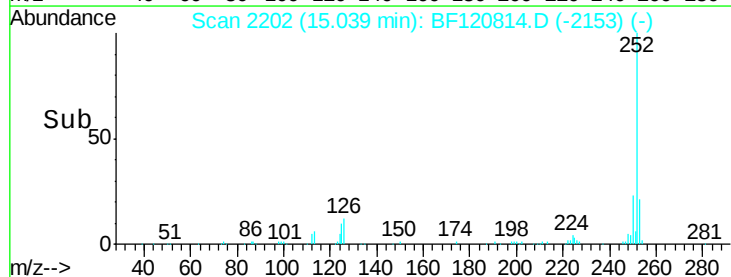
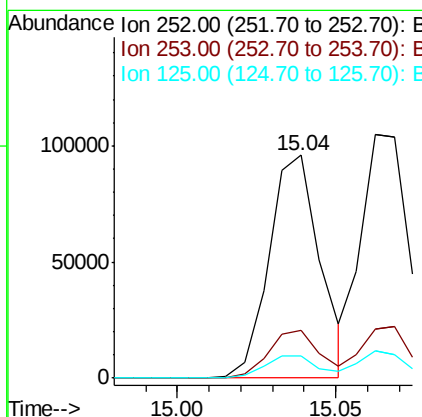
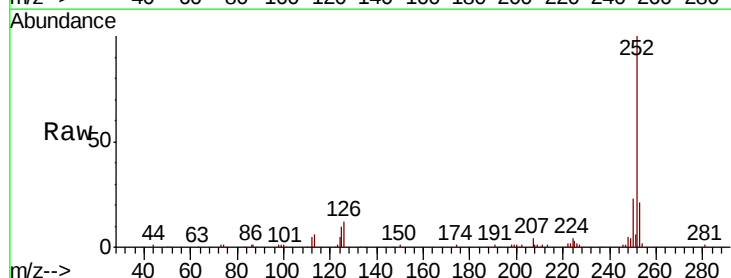
Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2020

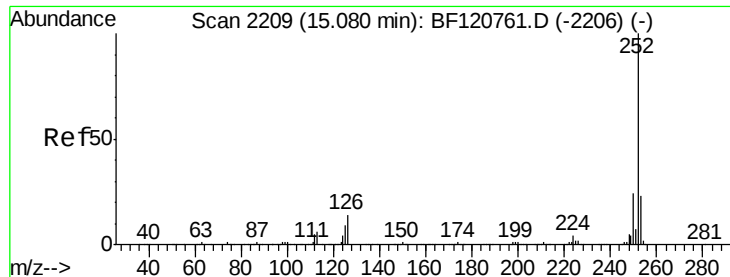
Tot Ion	Ratio	Lower	Upper
276	100		
138	27.2	19.8	29.8
277	24.8	19.9	29.9



#88
 Benzo(b)fluoranthene
 Concen: 6.102 ng
 RT: 15.04 min Scan# 2202
 Delta R.T. -0.01 min
 Lab File: BF120814.D
 Acq: 9 Jul 2020 13:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	10.1	7.5	11.3

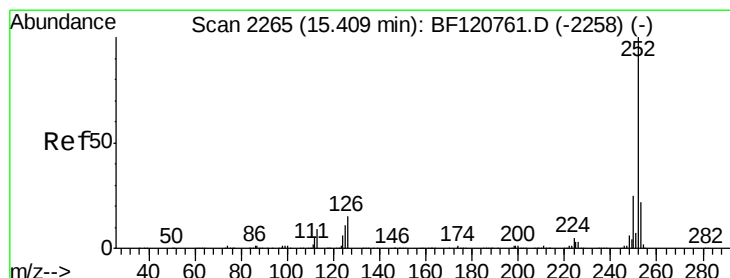
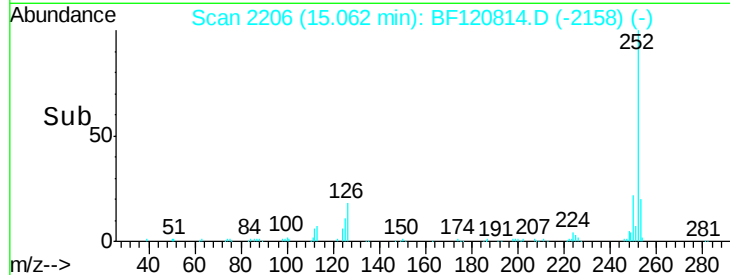
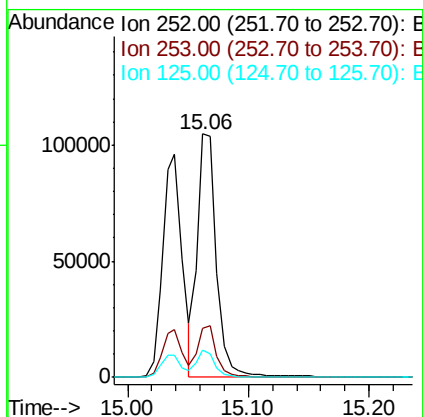
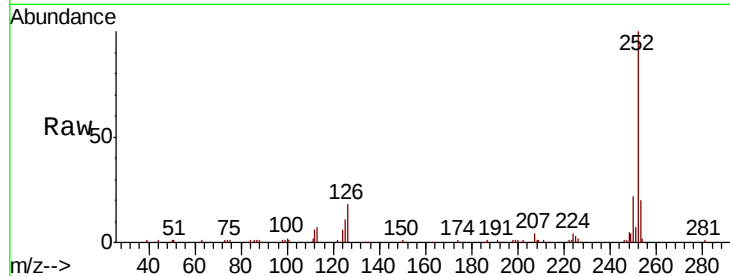




#89
Benzo(k)fluoranthene
Concen: 6.787 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

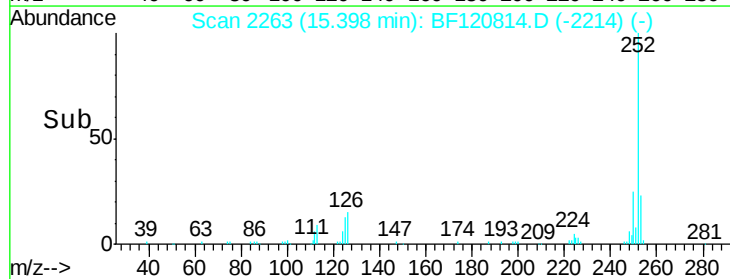
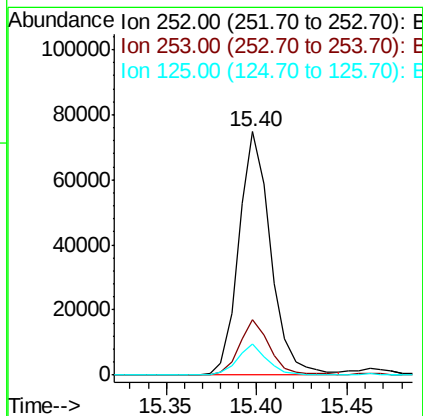
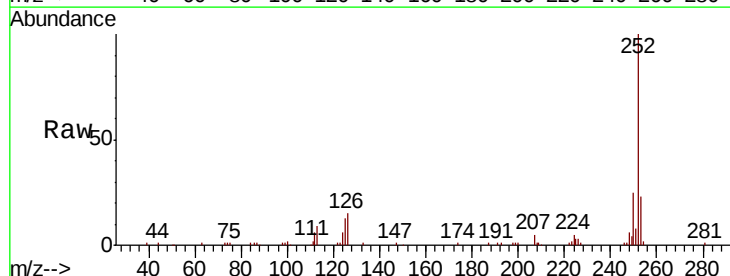
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

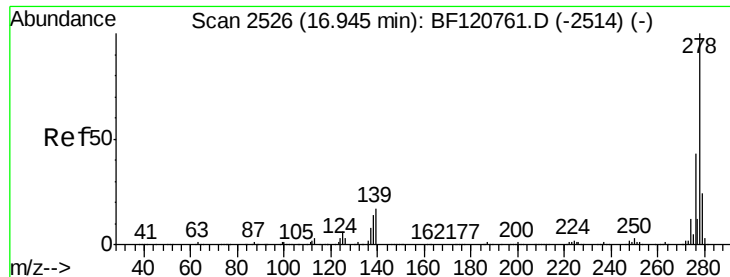
Tot Ion:252 Resp: 116555
Ion Ratio Lower Upper
252 100
253 20.3 17.9 26.9
125 11.2 7.6 11.4



#90
Benzo(a)pyrene
Concen: 5.799 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:252 Resp: 91292
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.0
125 12.7 9.2 13.8



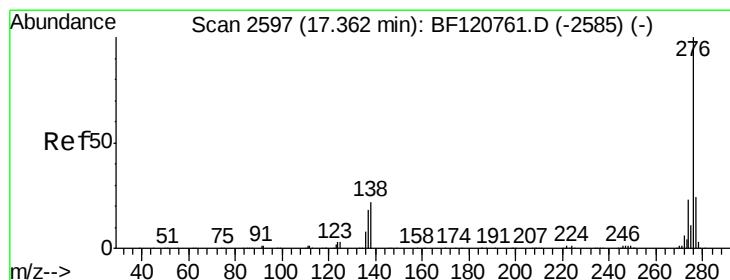
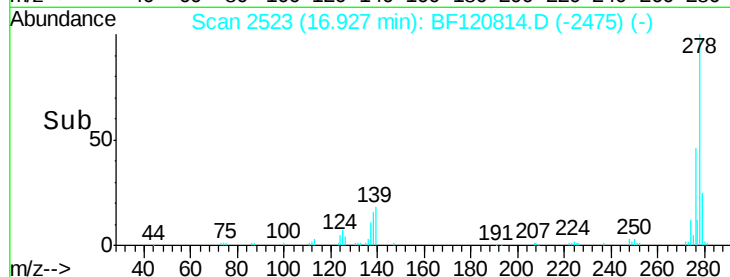
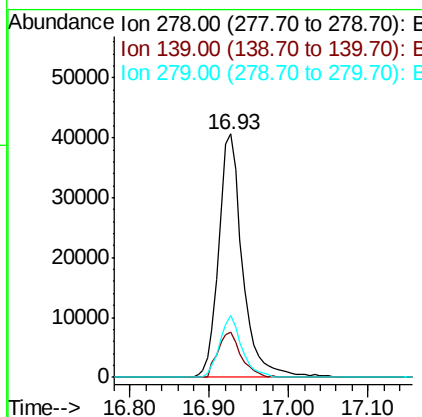
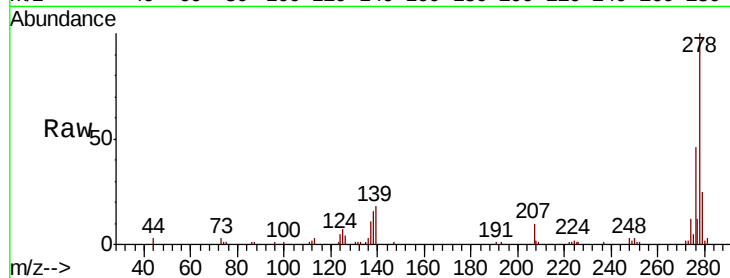


#91
Dibenzo(a,h)anthracene
Concen: 5.933 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

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

Tot Ion:278 Resp: 85149

Ion	Ratio	Lower	Upper
278	100		
139	18.5	13.3	19.9
279	25.2	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 6.446 ng
RT: 17.34 min Scan# 2593
Delta R.T. -0.02 min
Lab File: BF120814.D
Acq: 9 Jul 2020 13:01

Tgt Ion:276 Resp: 84547

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.8	28.2
138	22.6	17.4	26.2

