

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

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

Manual Integrations
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mohammad
 7/10/2020 11:49:36 AM

Quant Time: Jul 09 13:08:08 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 09 11:36:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	132516	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	502676	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	240701	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	422589	20.00	ng	0.00
76) Chrysene-d12	14.00	240	296302	20.00	ng	0.00
86) Perylene-d12	15.46	264	247412	20.00	ng	0.00

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

Target Compounds					Qvalue
2) 1,4-Dioxane	2.59	88	17558	4.477 ng	92
3) Pyridine	3.42	79	28454m	2.649 ng	
4) n-Nitrosodimethylamine	3.27	42	17465	3.250 ng	98
6) Aniline	6.51	93	51555	3.662 ng	98
8) 2-Chlorophenol	6.63	128	33749	3.693 ng	86
9) Benzaldehyde	6.40	77	28082	4.307 ng	98
10) Phenol	6.49	94	41574	3.686 ng	96
11) bis(2-Chloroethyl)ether	6.58	93	32361	3.526 ng	96
12) 1,3-Dichlorobenzene	6.79	146	36513	3.629 ng	96
13) 1,4-Dichlorobenzene	6.86	146	37827	3.754 ng	97
14) 1,2-Dichlorobenzene	7.02	146	34909	3.642 ng	99
15) Benzyl Alcohol	6.98	79	37609m	4.566 ng	
16) 2,2'-oxybis(1-Chloropropan	7.12	45	49011	3.424 ng	99
17) 2-Methylphenol	7.09	107	25205	3.083 ng	96
18) Hexachloroethane	7.36	117	13354	3.526 ng	94
19) n-Nitroso-di-n-propylamine	7.25	70	22714	3.441 ng	97
20) 3+4-Methylphenols	7.24	107	32568	3.234 ng	96
22) Acetophenone	7.25	105	48283	3.864 ng	# 86
24) Nitrobenzene	7.42	77	38561	3.958 ng	95
25) Isophorone	7.66	82	59796	3.196 ng	# 93
26) 2-Nitrophenol	7.74	139	10451	2.935 ng	97
27) 2,4-Dimethylphenol	7.77	122	26859	3.596 ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	38286	3.457 ng	96
29) 2,4-Dichlorophenol	7.97	162	22991	3.083 ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	28318	3.381 ng	97
31) Naphthalene	8.15	128	98821	3.679 ng	98
33) 4-Chloroaniline	8.19	127	36309	3.185 ng	# 93
34) Hexachlorobutadiene	8.27	225	16405	3.257 ng	97
35) Caprolactam	8.52	113	5486	2.525 ng	89
36) 4-Chloro-3-methylphenol	8.66	107	23640	3.048 ng	96
37) 2-Methylnaphthalene	8.84	142	62761	3.594 ng	99
38) 1-Methylnaphthalene	8.94	142	57139	3.493 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	26652	3.664 ng	98
41) Hexachlorocyclopentadiene	9.00	237	11825	2.751 ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	14210	2.867	nq	97
44) 2,4,5-Trichlorophenol	9.15	196	15258	2.774	nq	# 88
46) 1,1'-Biphenyl	9.30	154	80287	4.135	nq	98
47) 2-Chloronaphthalene	9.33	162	54946	3.532	nq	98
48) 2-Nitroaniline	9.42	65	12589	3.025	nq	86
49) Acenaphthylene	9.74	152	85771	3.517	nq	97
50) Dimethylphthalate	9.60	163	58957	3.358	nq	99
51) 2,6-Dinitrotoluene	9.66	165	9762	3.077	nq	89
52) Acenaphthene	9.92	154	51357	3.395	nq	97
53) 3-Nitroaniline	9.82	138	11231	2.866	nq	91
55) Dibenzofuran	10.09	168	78623	3.605	nq	99
56) 4-Nitrophenol	9.97	139	6323	2.197	nq	92
57) 2,4-Dinitrotoluene	10.06	165	11145	2.926	nq	# 93
58) Fluorene	10.43	166	58344	3.594	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	11920	2.912	nq	# 87
60) Diethylphthalate	10.30	149	57792	3.160	nq	97
61) 4-Chlorophenyl-phenylether	10.42	204	27638	3.387	nq	91
62) 4-Nitroaniline	10.43	138	10525	2.821	nq	95
63) Azobenzene	10.58	77	63086	3.372	nq	92
66) n-Nitrosodiphenylamine	10.54	169	47812	3.376	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	14539	2.966	nq	92
68) Hexachlorobenzene	10.97	284	16941	3.293	nq	93
69) Atrazine	11.06	200	12615	3.457	nq	96
71) Phenanthrene	11.39	178	81895	3.572	nq	98
72) Anthracene	11.44	178	79778	3.443	nq	98
73) Carbazole	11.59	167	71375	3.206	nq	98
74) Di-n-butylphthalate	11.93	149	70869	2.571	nq	99
75) Fluoranthene	12.57	202	73845	3.023	nq	99
77) Benzidine	12.70	184	23417	2.800	nq	# 94
78) Pyrene	12.80	202	79717	3.369	nq	97
80) Butylbenzylphthalate	13.43	149	21543	2.109	nq	98
81) Benzo(a)anthracene	13.99	228	64282	3.384	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	16045	2.503	nq	# 96
83) Chrysene	14.03	228	64428	3.326	nq	95
84) Bis(2-ethylhexyl)phthalate	13.99	149	33187	2.477	nq	# 97
87) Indeno(1,2,3-cd)pyrene	16.90	276	44563	2.808	nq	97
88) Benzo(b)fluoranthene	15.03	252	47289m	2.907	nq	
89) Benzo(k)fluoranthene	15.06	252	50725	3.205	nq	98
90) Benzo(a)pyrene	15.40	252	39706	2.737	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	37828	2.860	nq	98
92) Benzo(g,h,i)perylene	17.34	276	36963	3.058	nq	98

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

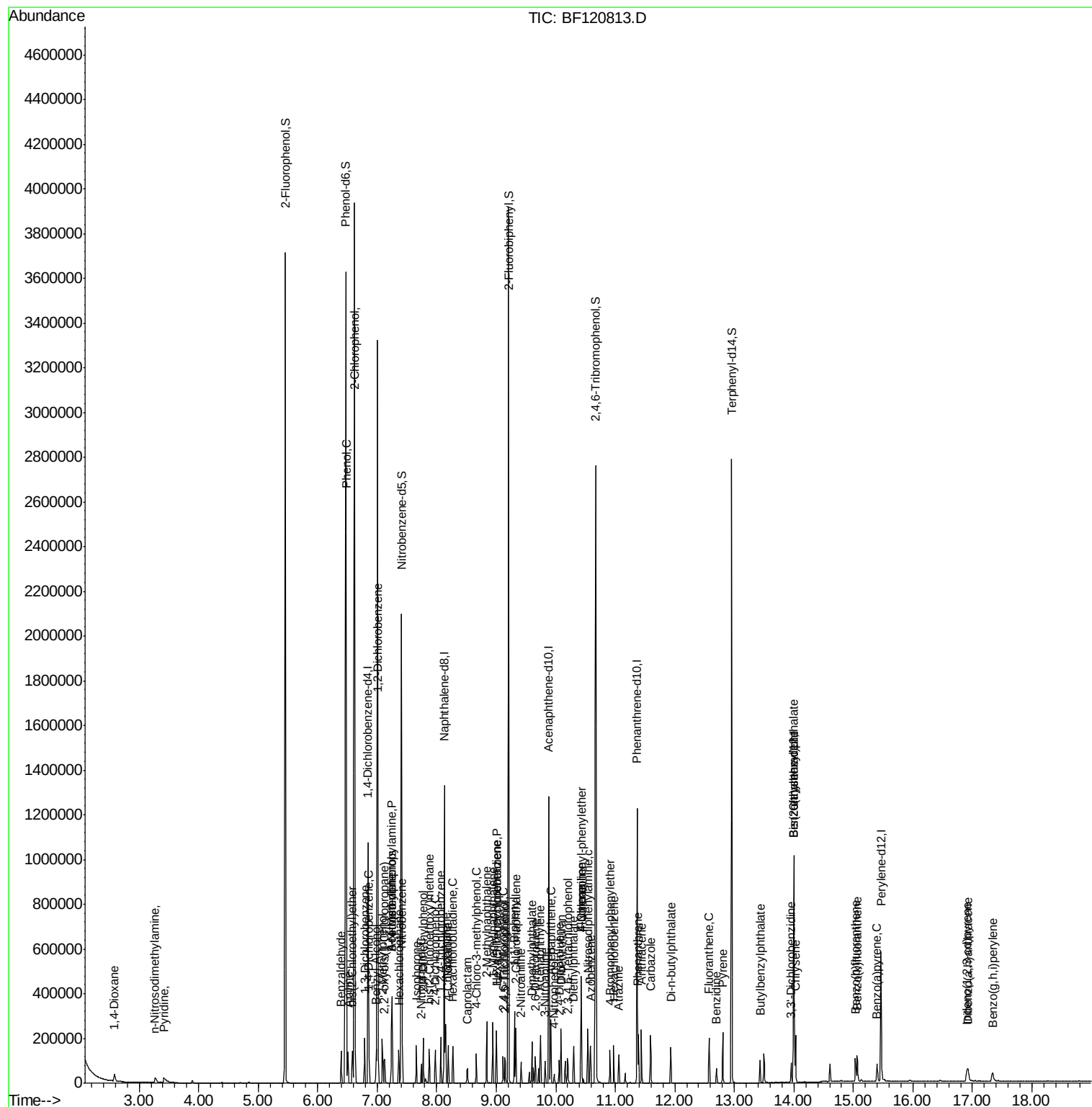
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070920\
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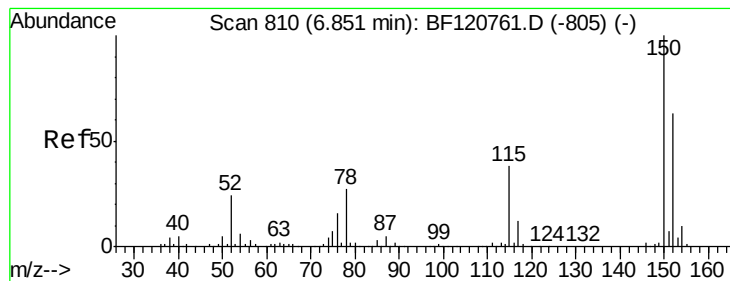
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT3-2020

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#1

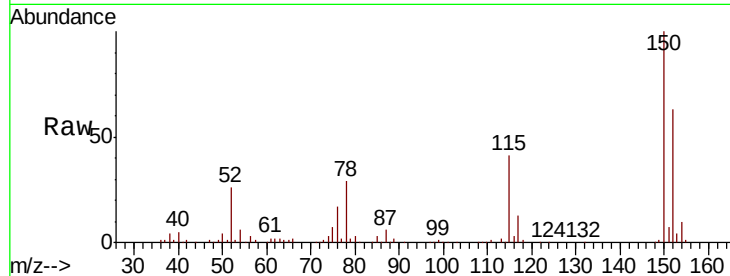
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

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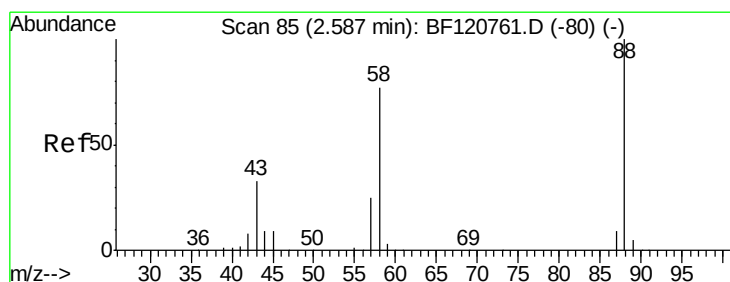
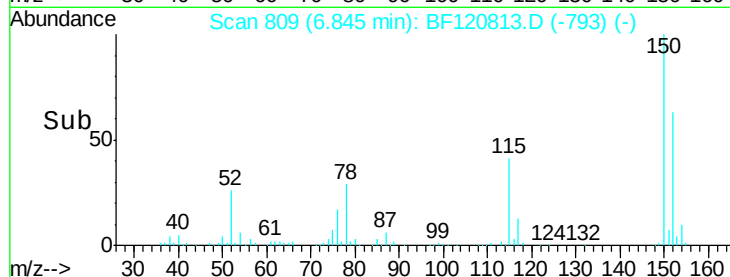
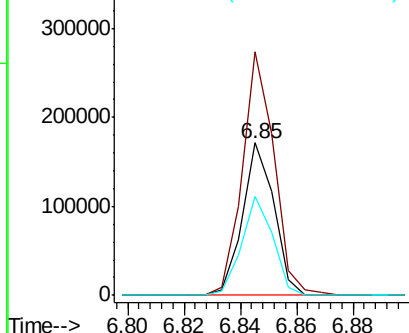


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

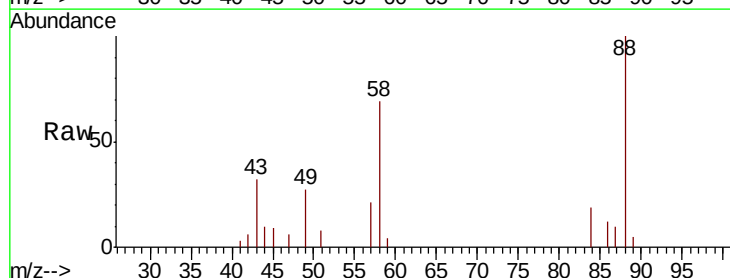
Ion 115.00 (114.70 to 115.70): E



#2

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

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	60.4	90.6
43	29.5	26.3	39.5

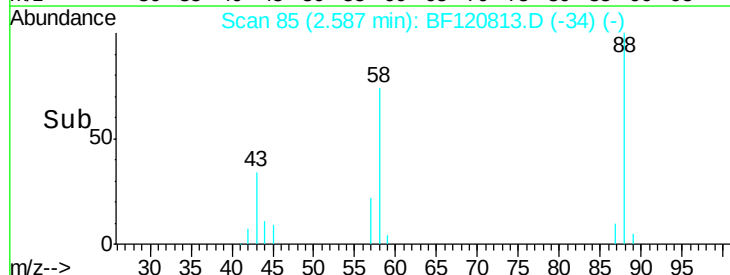
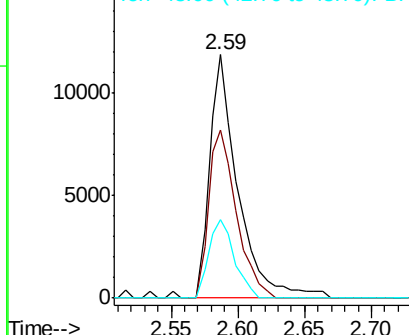


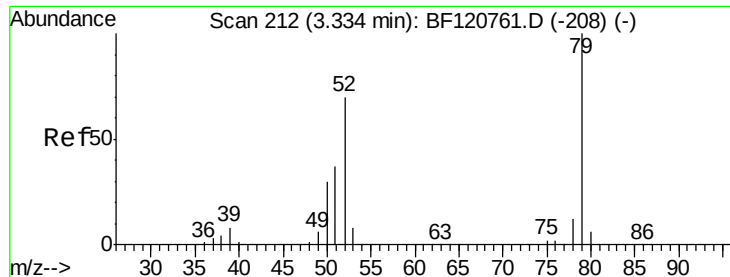
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.649 ng/ml

RT: 3.42 min Scan# 226

Delta R.T. 0.08 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

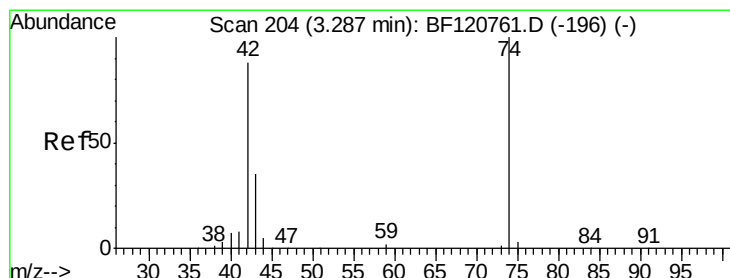
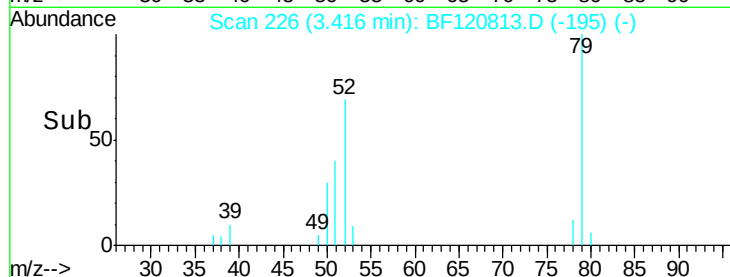
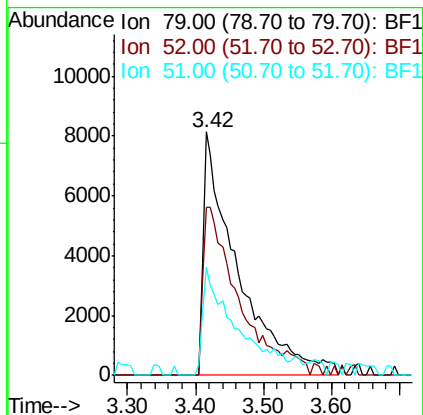
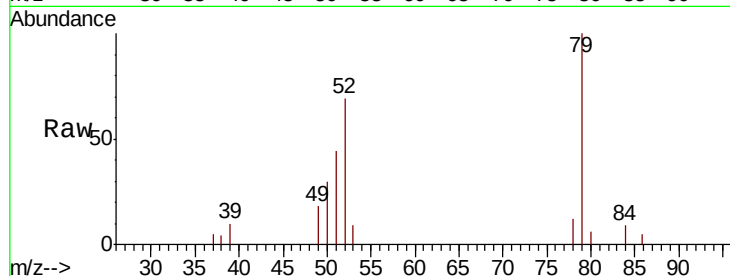
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	79	Resp:	28454
Ion	Ratio	Lower	Upper
79	100		
52	69.0	56.3	84.5
51	44.3	30.1	45.1

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#4

n-Nitrosodimethylamine

Concen: 3.250 ng/ml

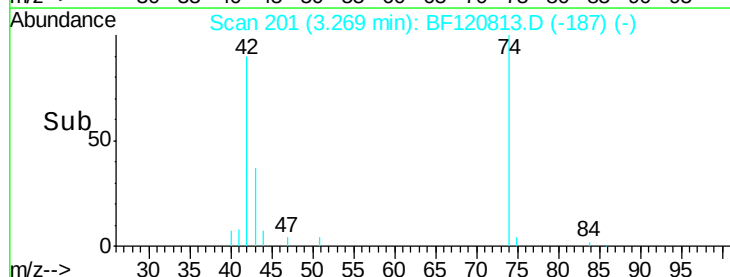
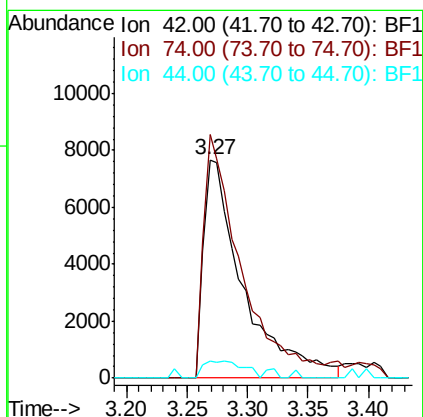
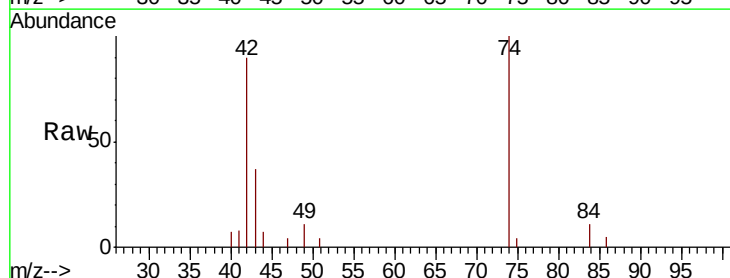
RT: 3.27 min Scan# 201

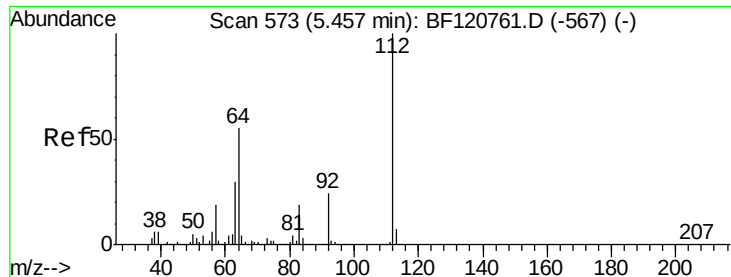
Delta R.T. -0.02 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion:	42	Resp:	17465
Ion	Ratio	Lower	Upper
42	100		
74	111.4	90.8	136.2
44	7.5	5.8	8.8





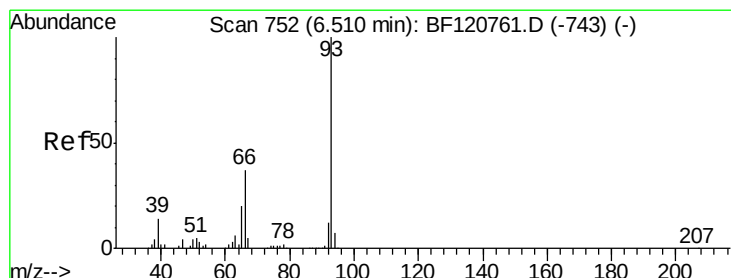
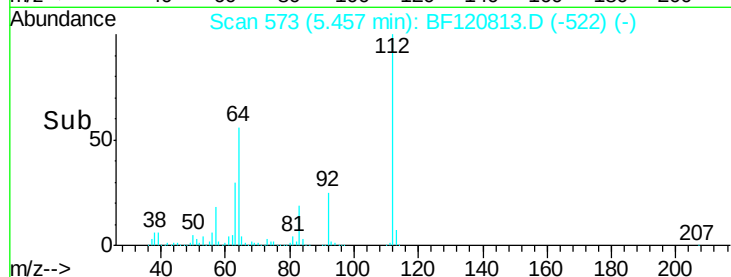
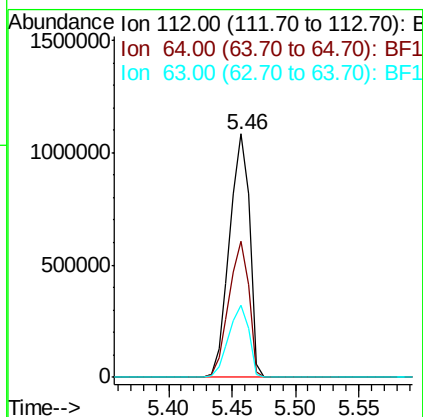
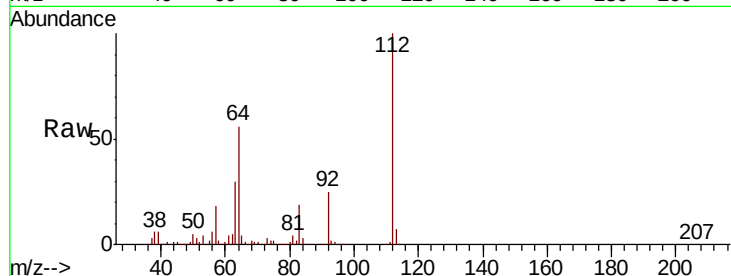
#5
2-Fluorophenol
Concen: 137.840 ng
RT: 5.46 min Scan# 573
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.6
63	29.8	23.6	35.4

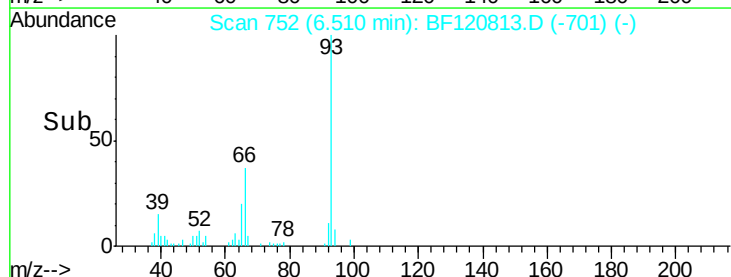
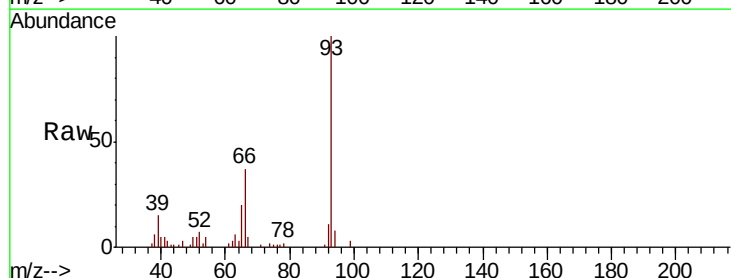
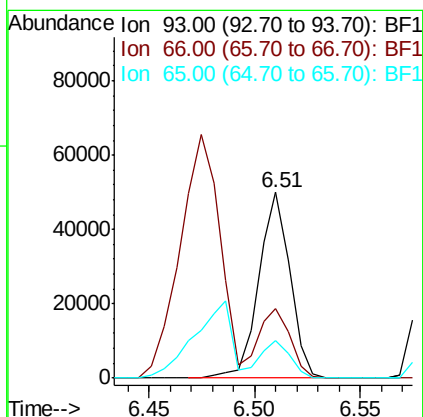
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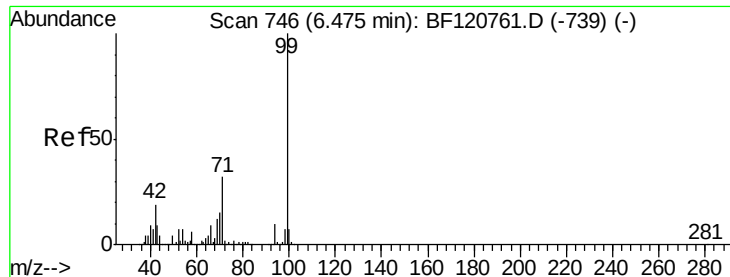
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#6
Aniline
Concen: 3.662 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.4	31.3	46.9
65	20.2	16.5	24.7





#7

Phenol-d6

Concen: 131.560 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion: 99 Resp: 1442273

Ion Ratio Lower Upper

99 100

42 18.1 15.4 23.0

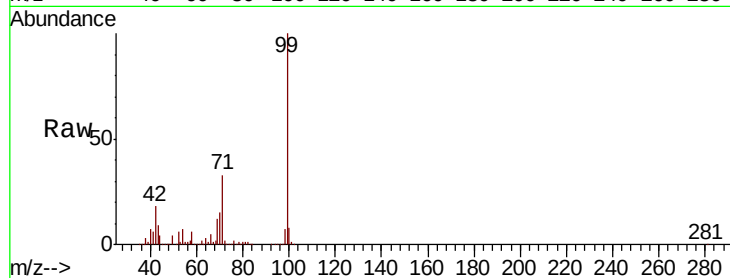
71 32.8 25.9 38.9

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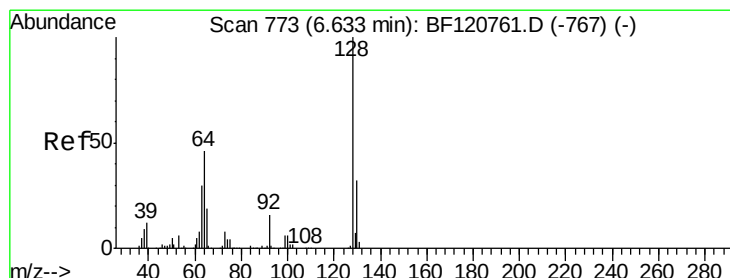
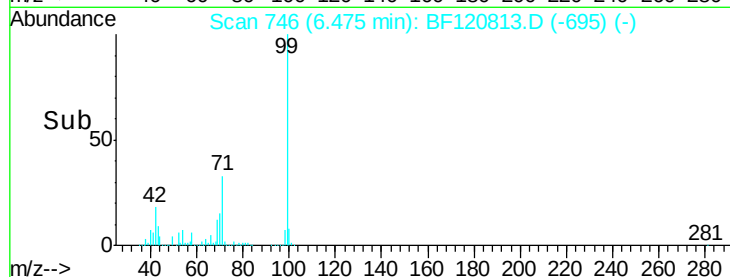
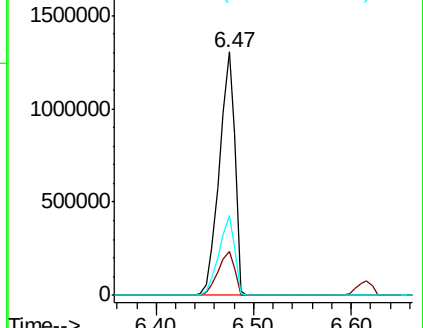
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 3.693 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

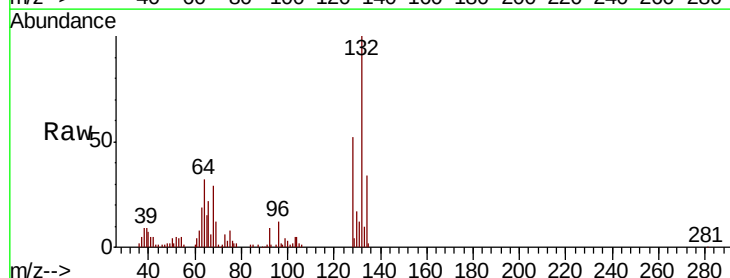
Tgt Ion: 128 Resp: 33749

Ion Ratio Lower Upper

128 100

130 31.9 12.1 52.1

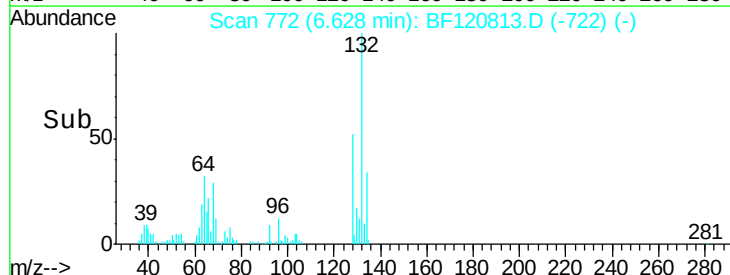
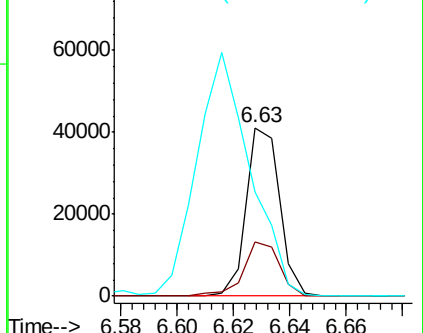
64 62.0 26.3 66.3

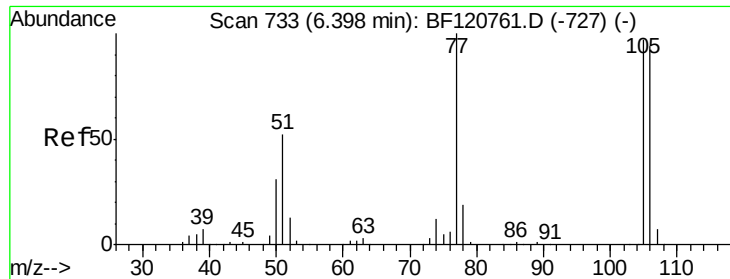


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.307 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

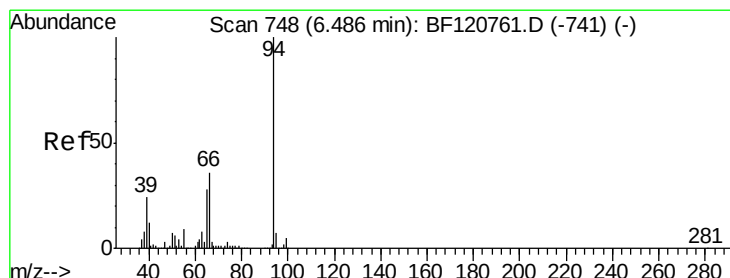
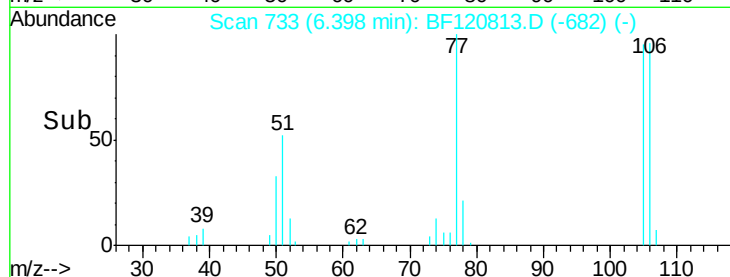
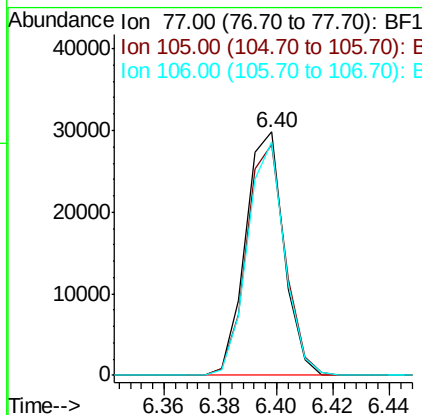
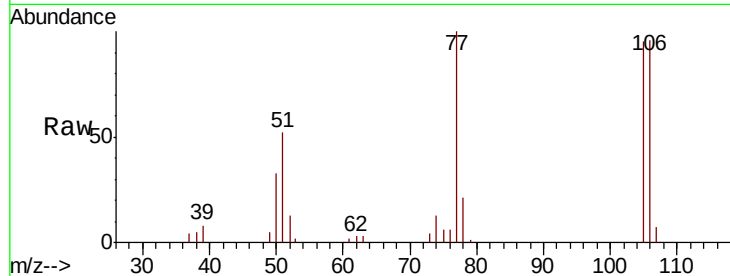
ClientSampleId :

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

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#10

Phenol

Concen: 3.686 ng

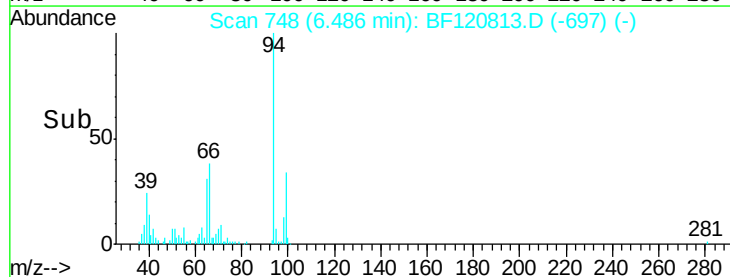
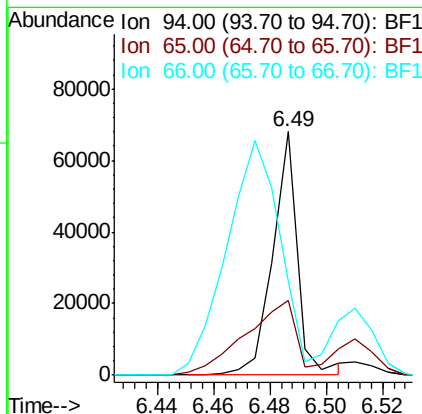
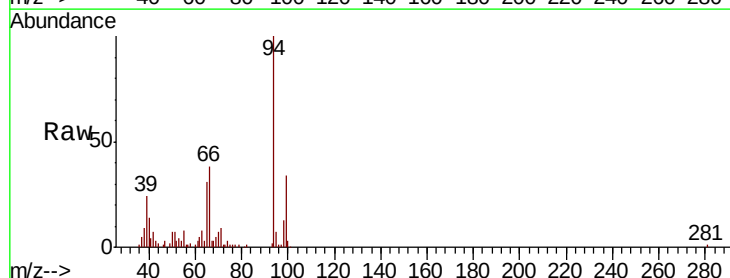
RT: 6.49 min Scan# 748

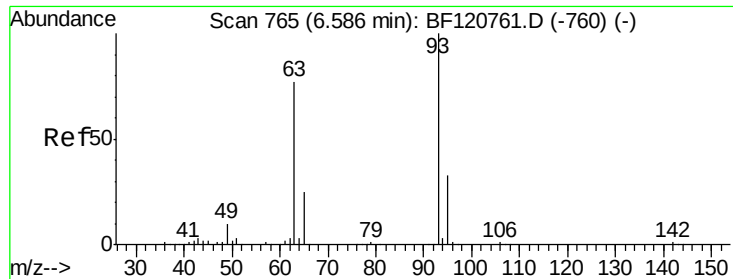
Delta R.T. -0.00 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





#11

bis(2-Chloroethyl)ether

Concen: 3.526 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

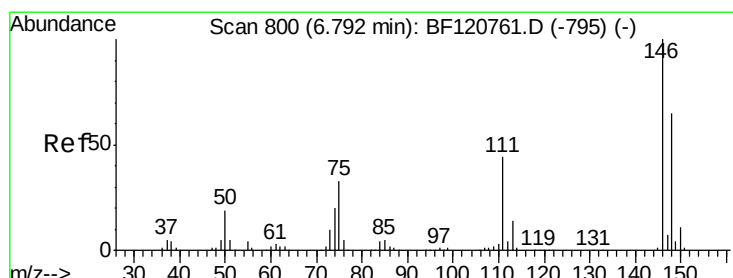
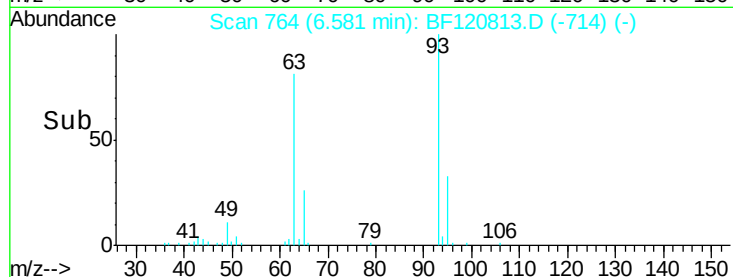
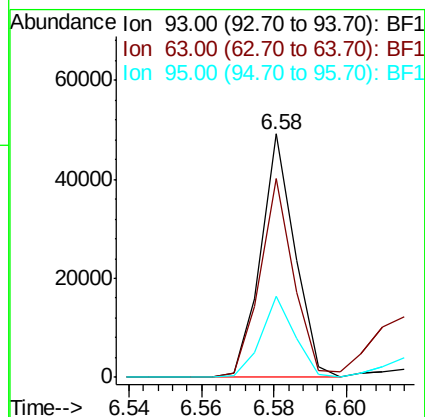
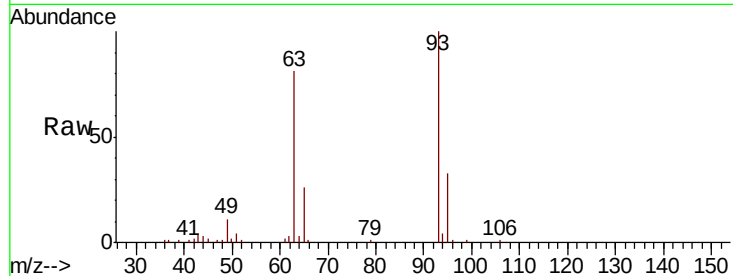
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#12

1,3-Dichlorobenzene

Concen: 3.629 ng

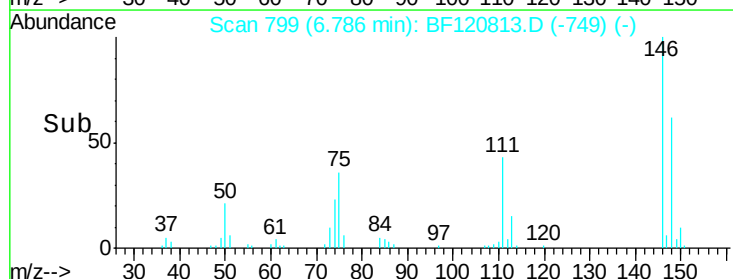
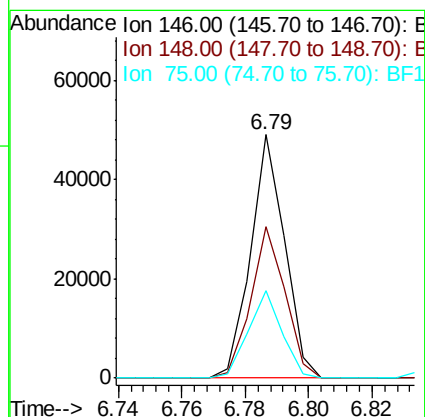
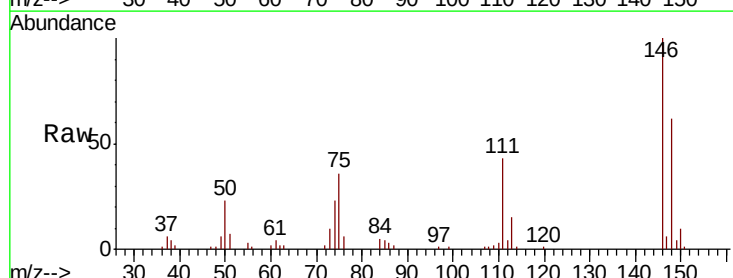
RT: 6.79 min Scan# 799

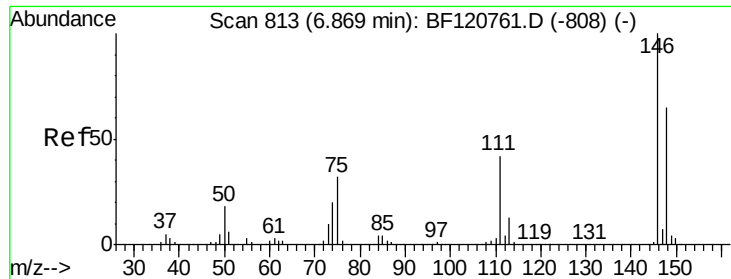
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





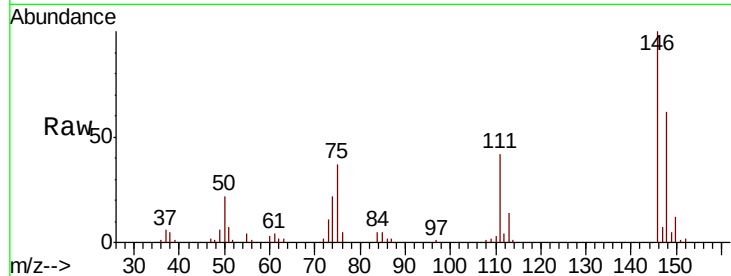
#13
 1,4-Dichlorobenzene
 Concen: 3.754 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

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

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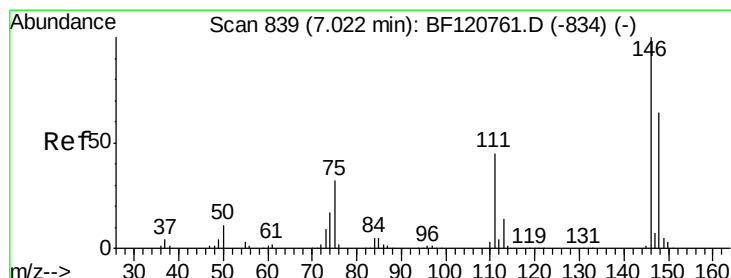
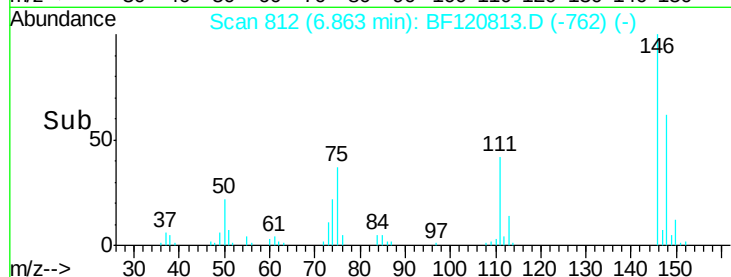
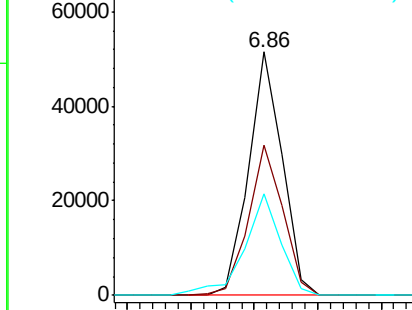


Abundance

Ion 146.00 (145.70 to 146.70): E

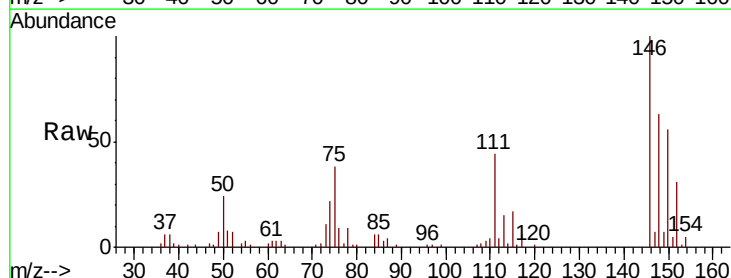
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.0	76.4
111	44.3	35.7	53.5

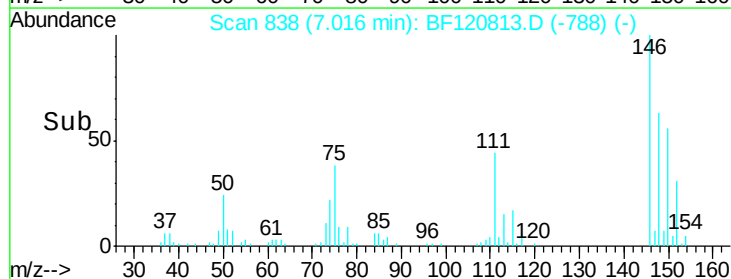
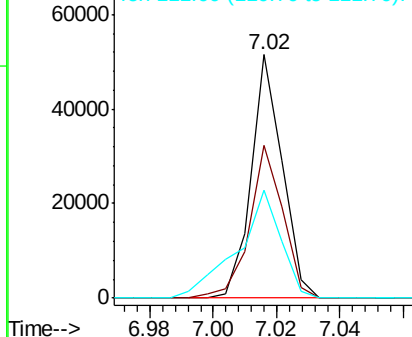


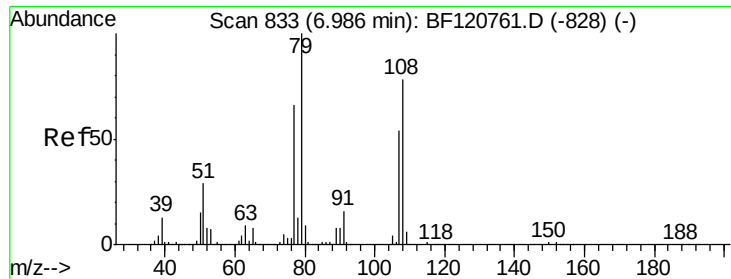
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





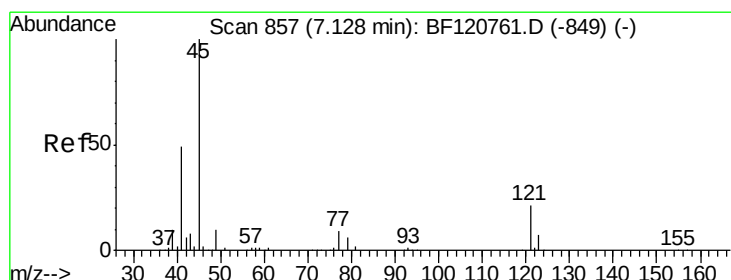
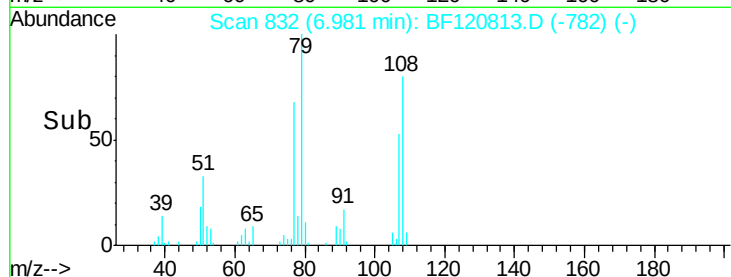
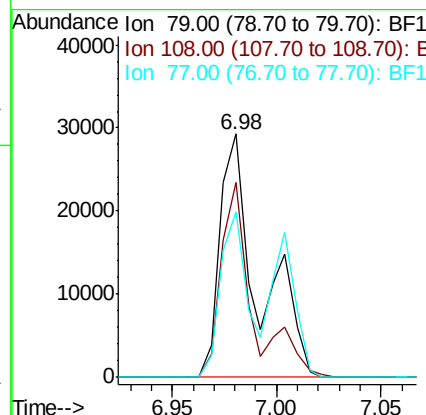
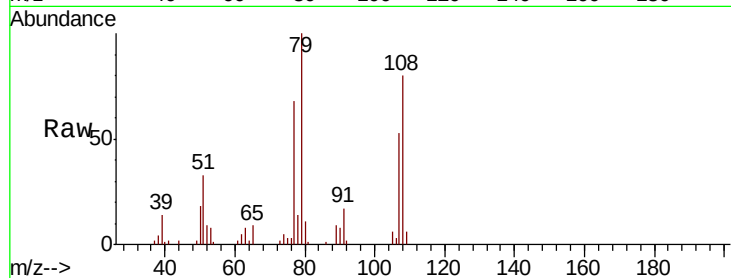
#15
Benzyl Alcohol
Concen: 4.566 ng/ml
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.0	62.4	93.6
77	68.0	52.7	79.1

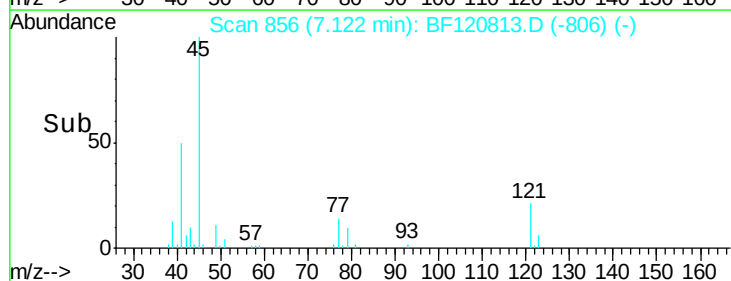
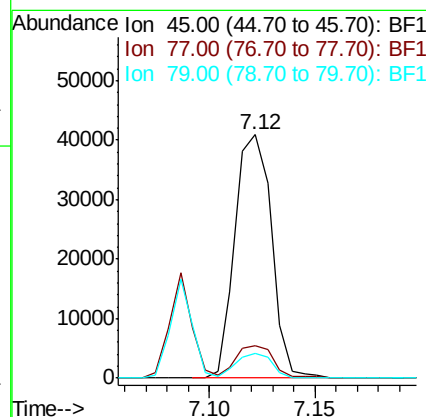
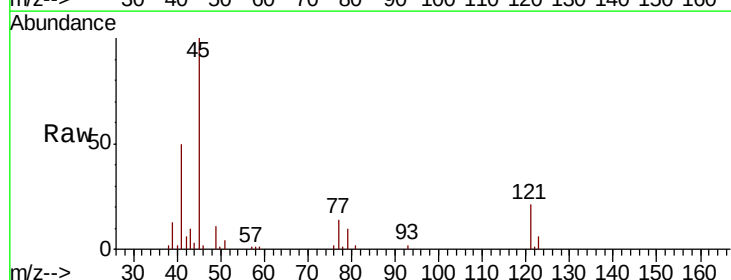
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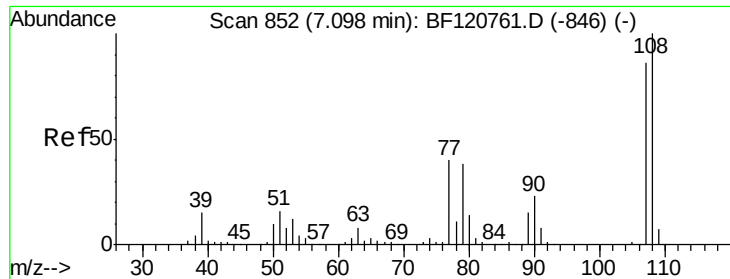
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#16
2,2'-oxybis(1-chloropropane)
Concen: 3.424 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	0.0	33.7
79	9.9	0.0	30.5





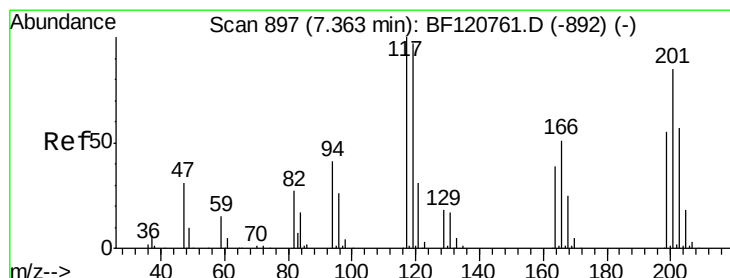
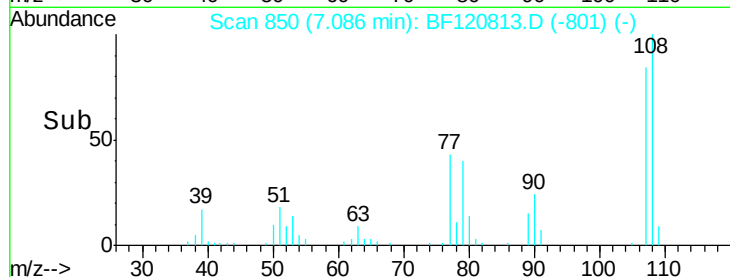
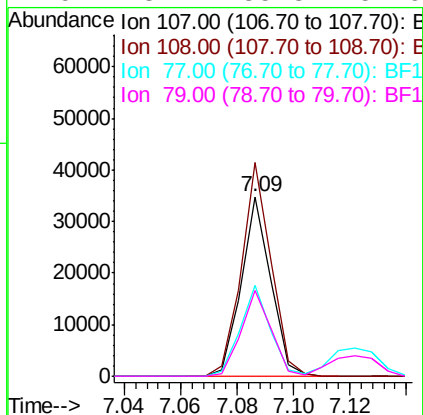
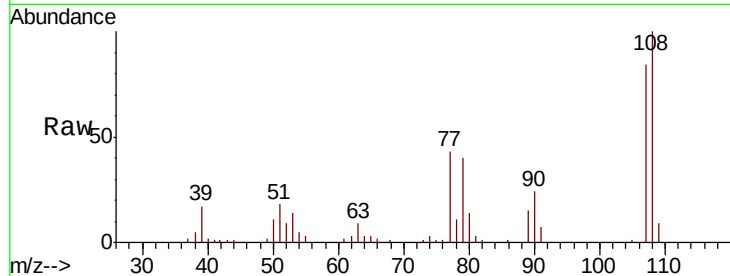
#17
2-Methylphenol
Concen: 3.083 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

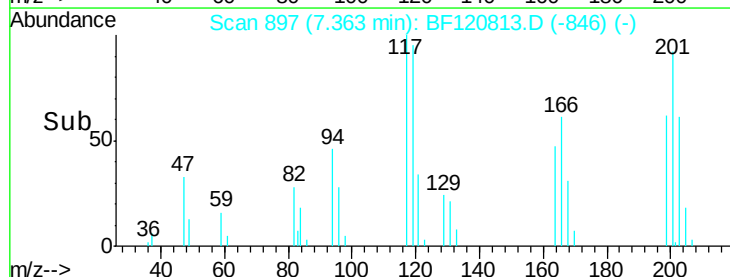
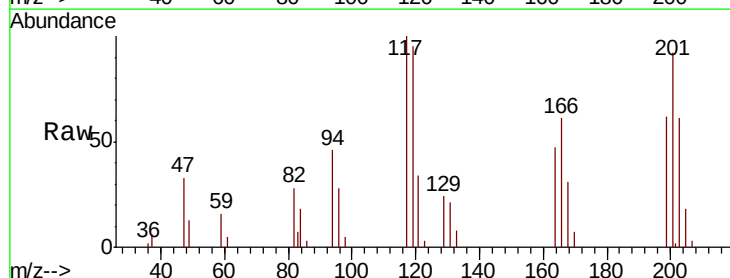
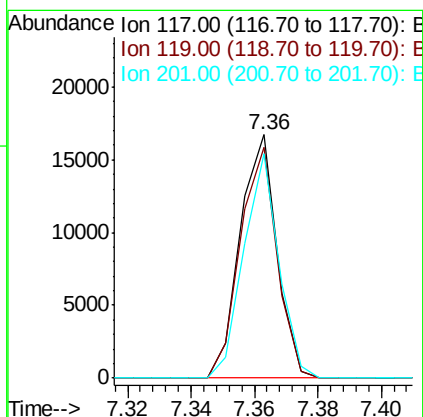
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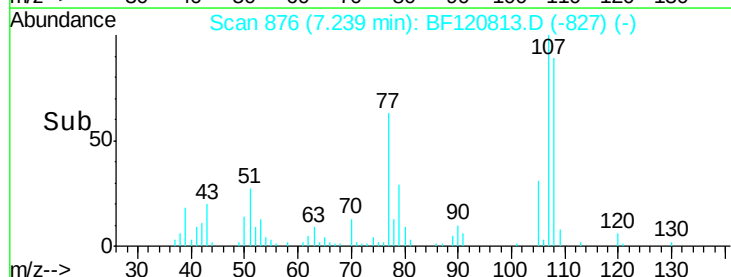
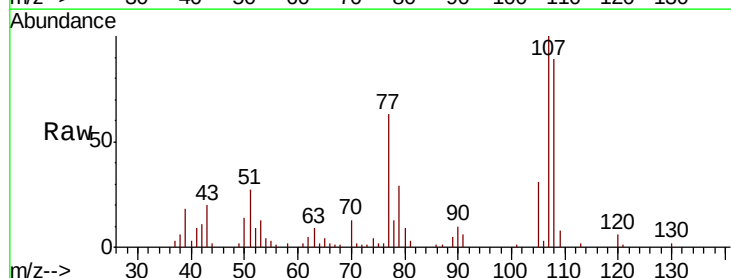
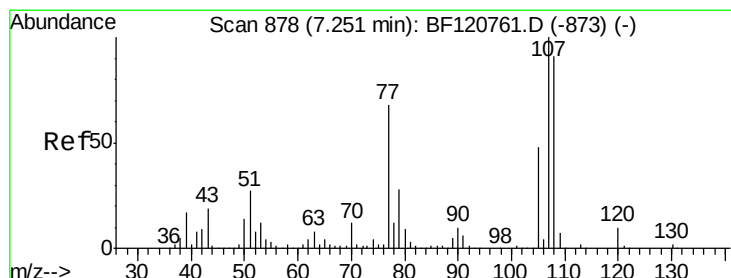
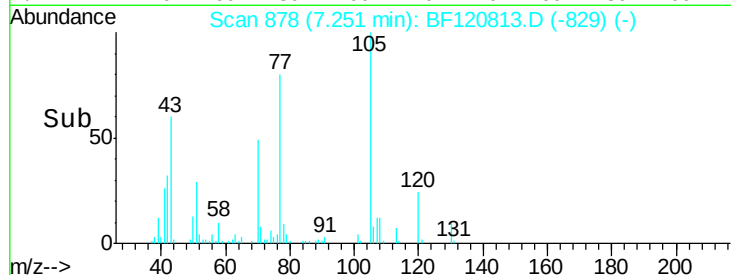
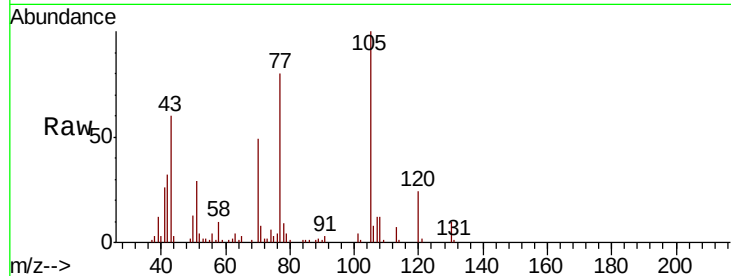
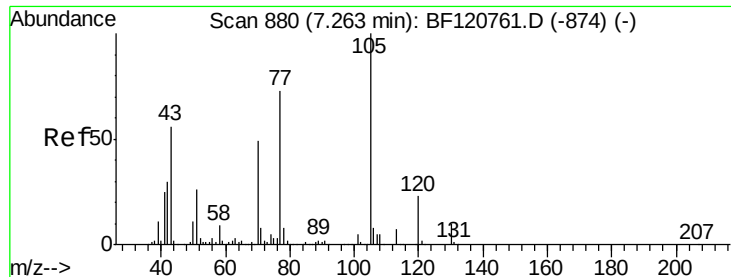
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#18
Hexachloroethane
Concen: 3.526 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	117	Resp	13354
Ion	Ratio	Lower	Upper
117	100		
119	94.7	77.9	116.9
201	94.3	68.3	102.5





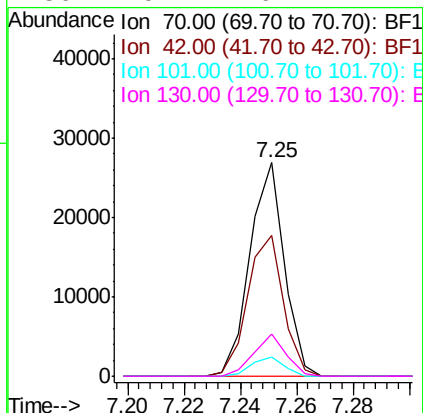
#19
n-Nitroso-di-n-propylamine
Concen: 3.441 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

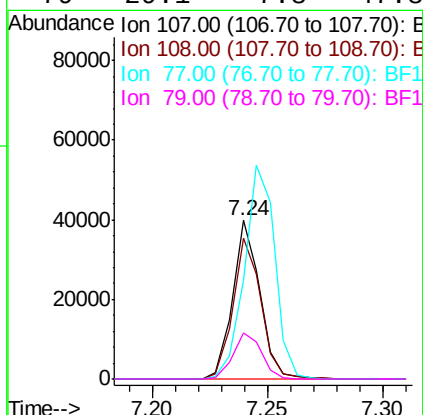
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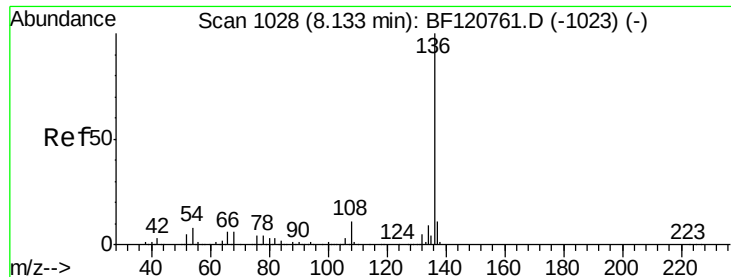
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#20
3+4-Methylphenols
Concen: 3.234 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





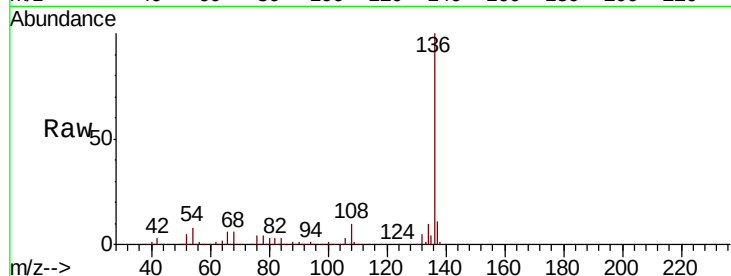
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

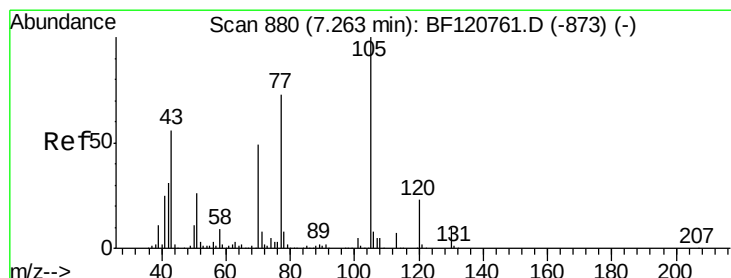
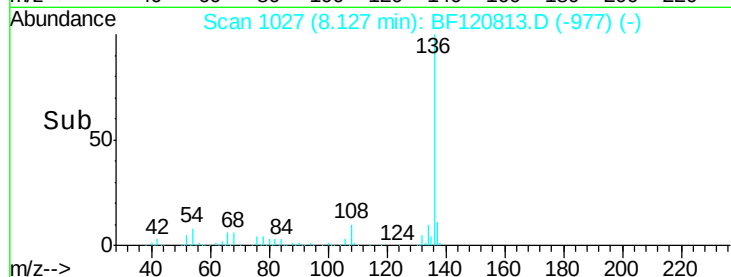
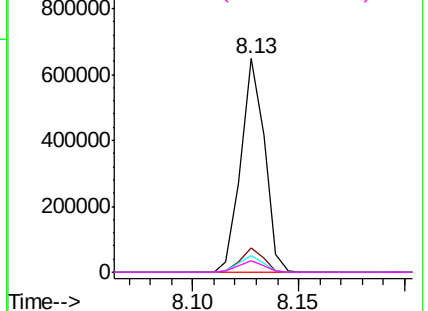
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	9.0	13.6	
54	8.0	6.2	9.4	
68	5.7	4.7	7.1	

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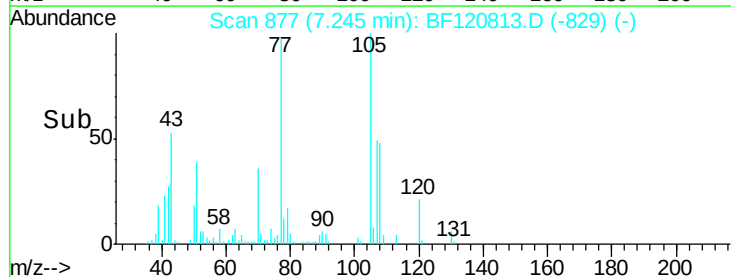
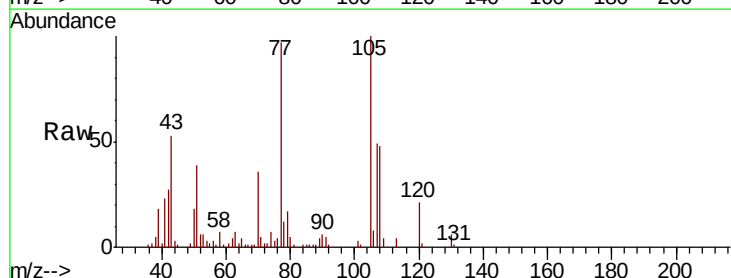
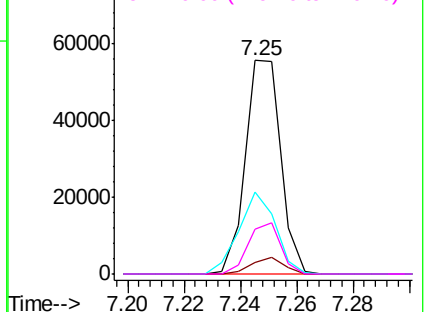
Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

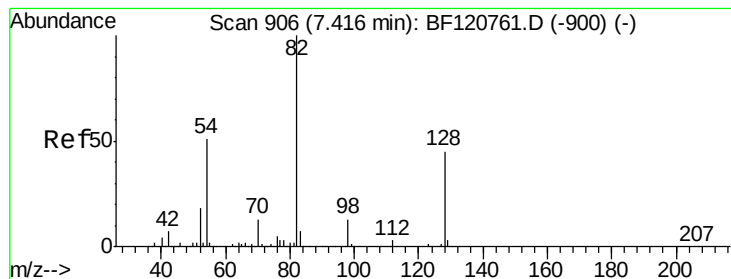


#22
Acetophenone
Concen: 3.864 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.4	6.5	9.7#	
51	38.6	21.0	31.4#	
120	21.1	18.6	28.0	

Abundance Ion 105.00 (104.70 to 105.70): E
80000
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 78.384 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

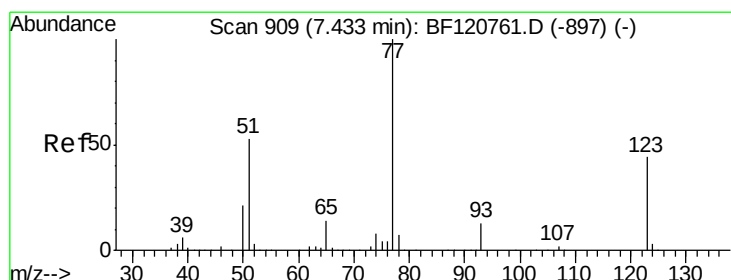
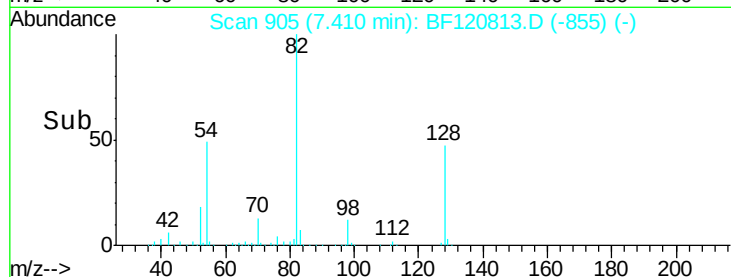
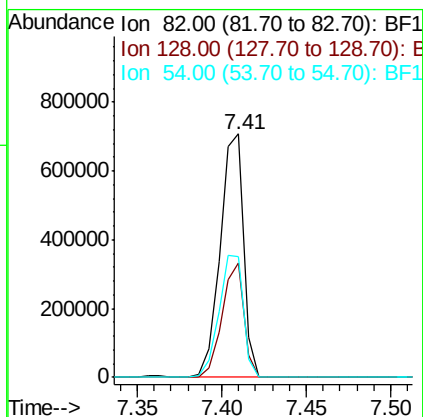
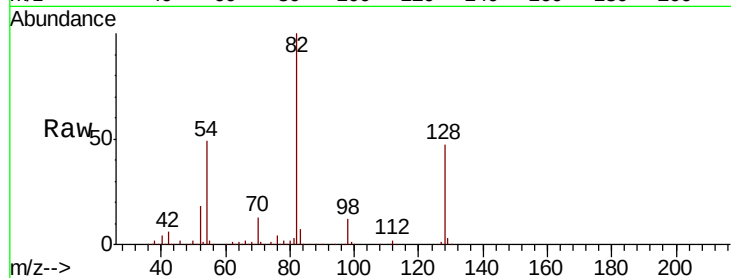
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#24

Nitrobenzene

Concen: 3.958 ng

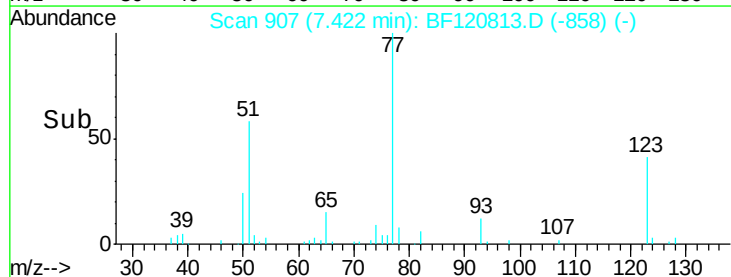
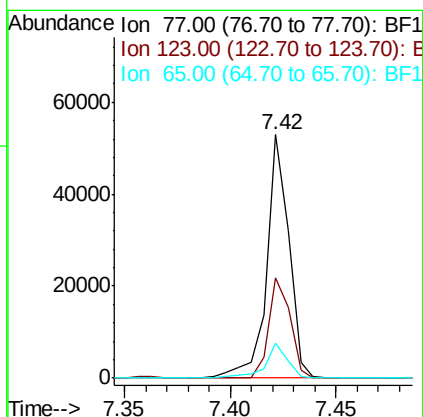
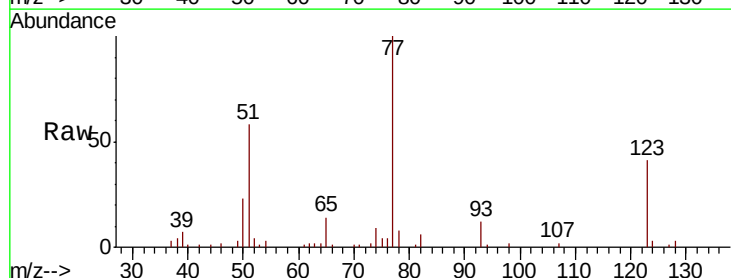
RT: 7.42 min Scan# 907

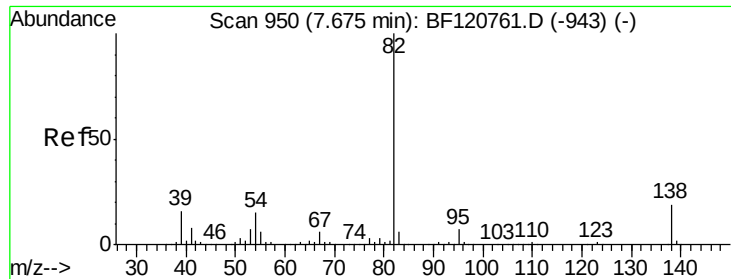
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





#25

Isophorone

Concen: 3.196 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

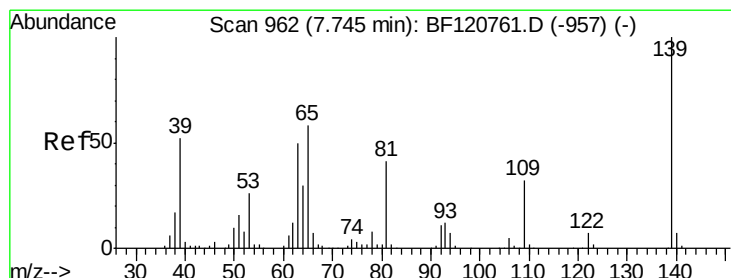
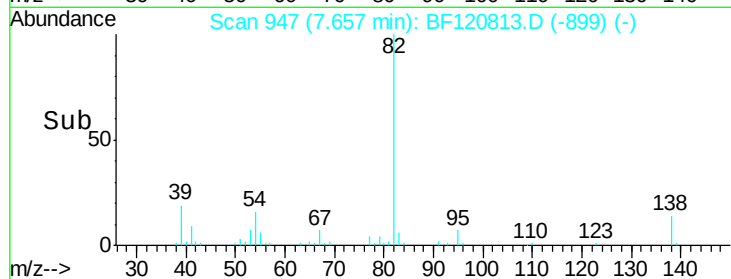
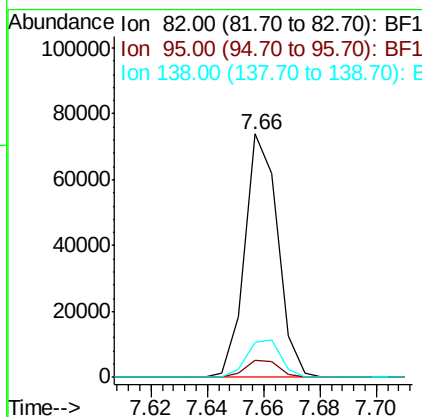
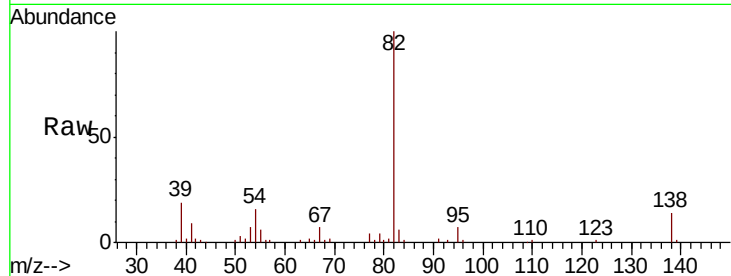
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	82	Resp:	59796
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.2
138	14.2	15.0	22.4#

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#26

2-Nitrophenol

Concen: 2.935 ng

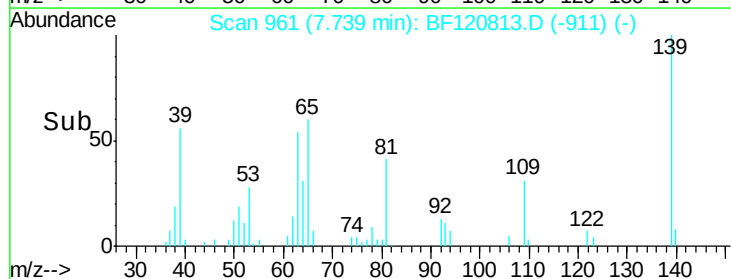
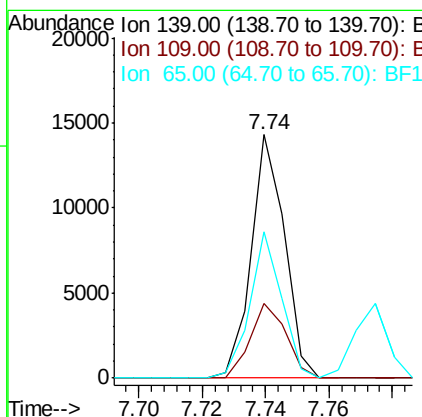
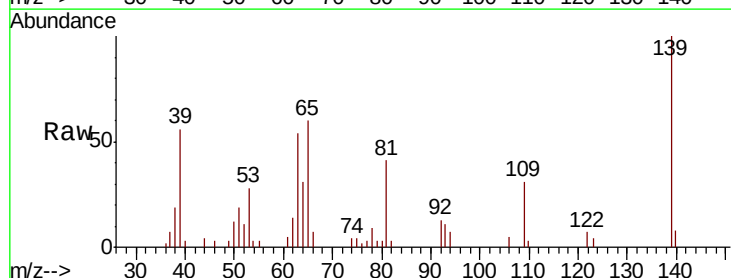
RT: 7.74 min Scan# 961

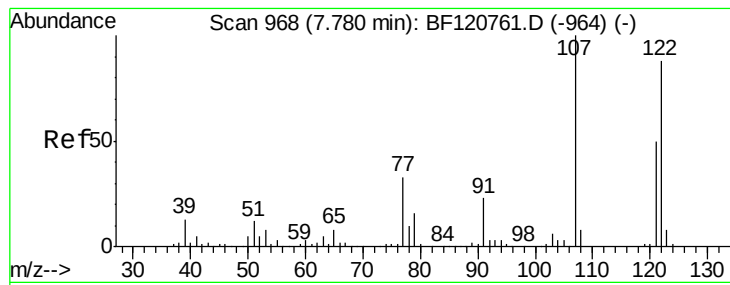
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion:	139	Resp:	10451
Ion Ratio	Lower	Upper	
139	100		
109	30.5	25.3	37.9
65	60.1	46.2	69.2





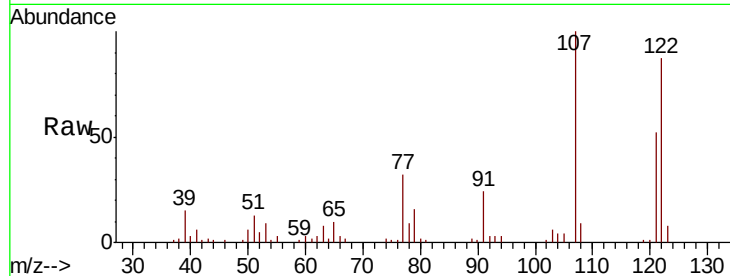
#27
 2,4-Dimethylphenol
 Concen: 3.596 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

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

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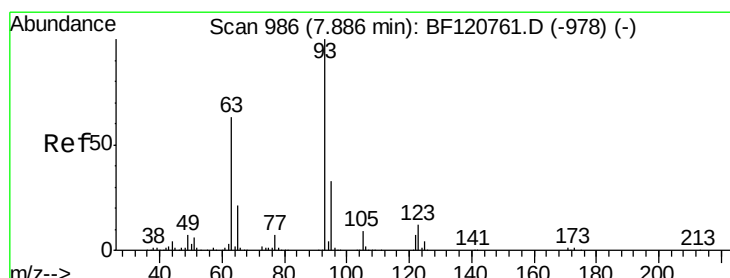
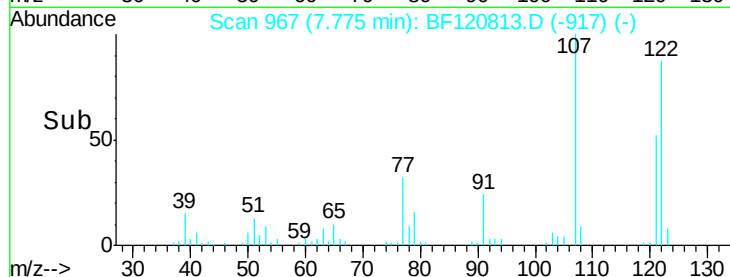
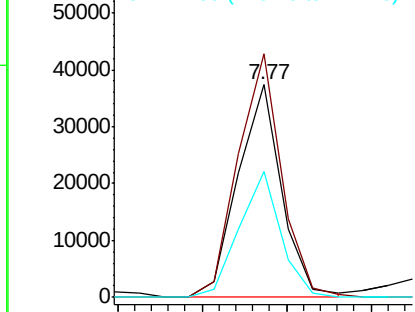


Abundance

Ion 122.00 (121.70 to 122.70): E

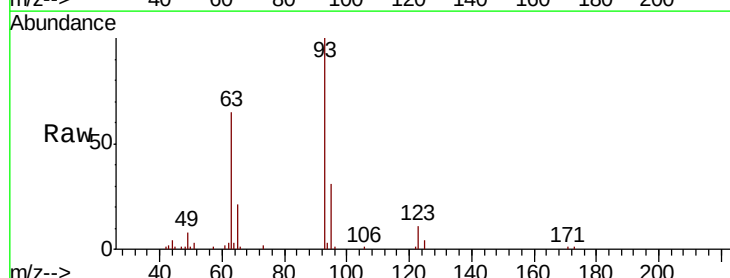
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



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

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.2	26.4	39.6
123	10.6	10.2	15.2

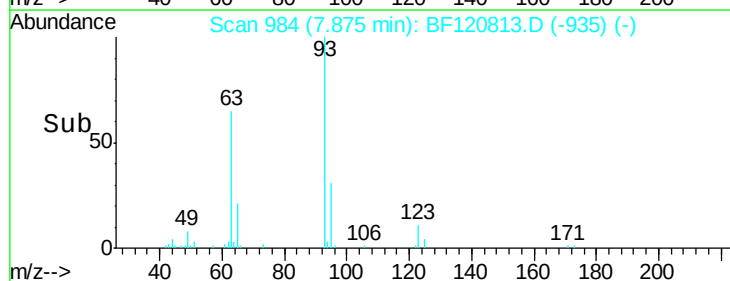
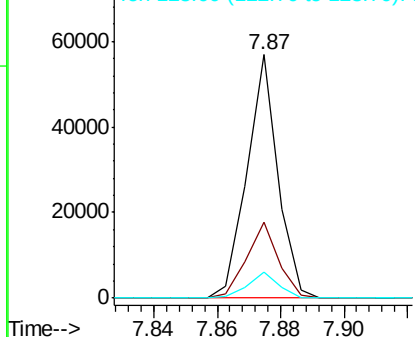


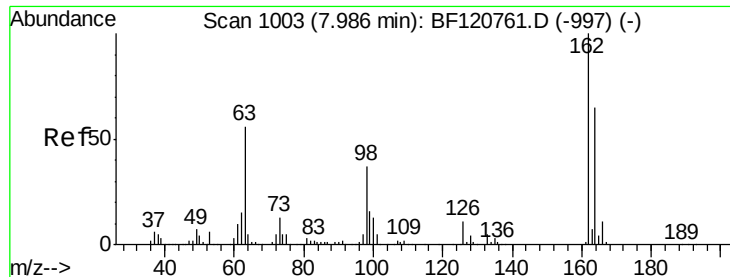
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





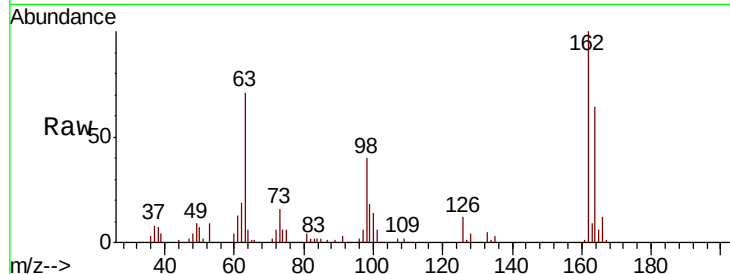
#29
2,4-Dichlorophenol
Concen: 3.083 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

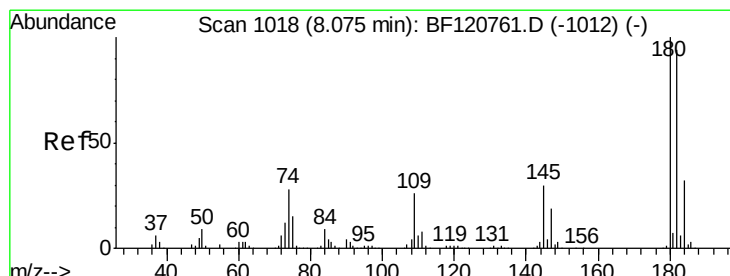
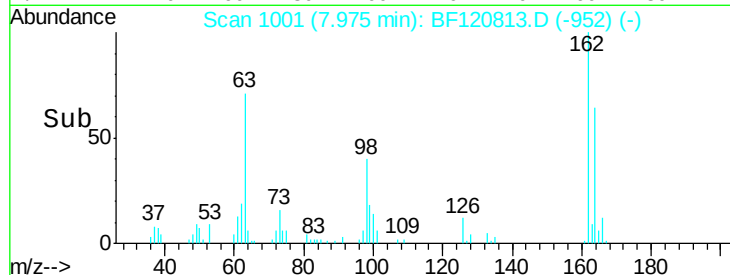
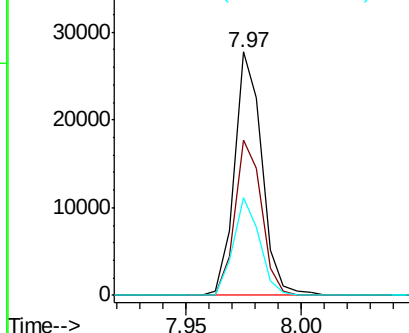
Tot Ion	Ratio	Resp	Lower	Upper
162	100	22991		
164	63.5	45.2	85.2	
98	40.1	17.0	57.0	

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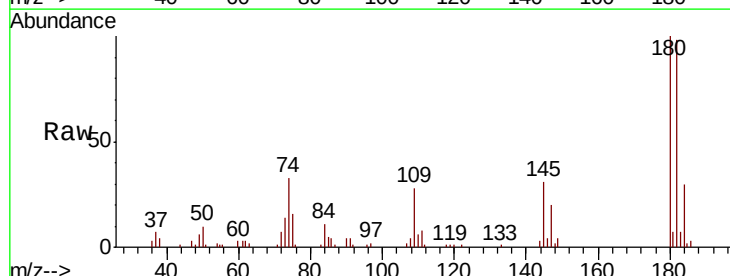


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

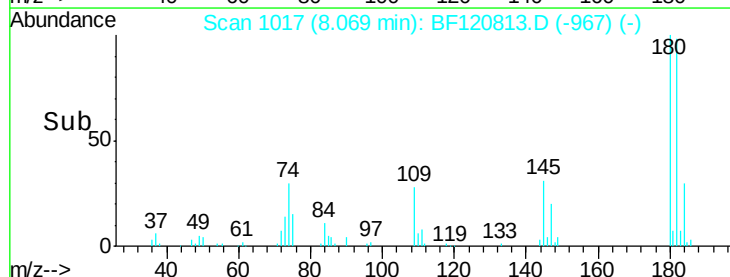
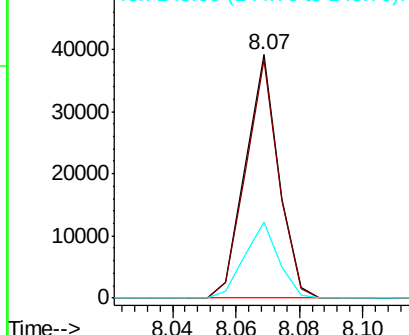


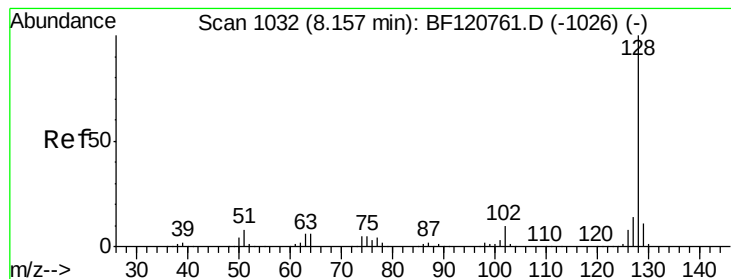
#30
1,2,4-Trichlorobenzene
Concen: 3.381 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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



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





#31

Naphthalene

Concen: 3.679 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

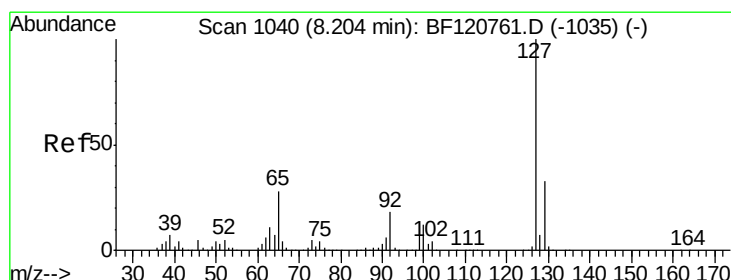
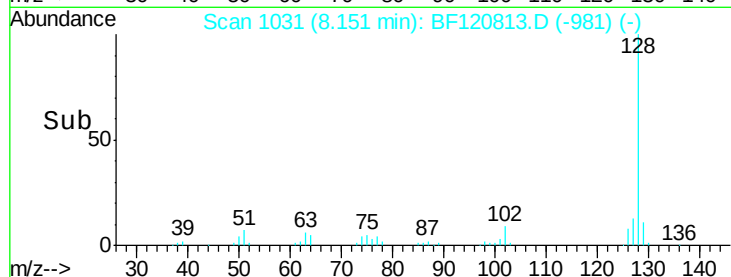
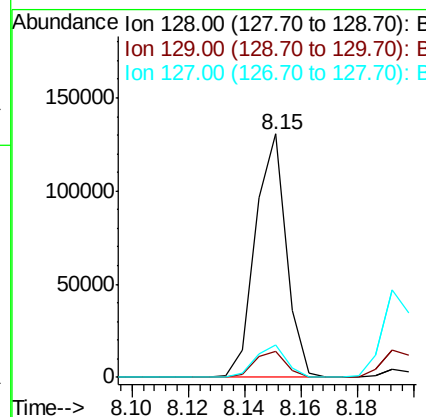
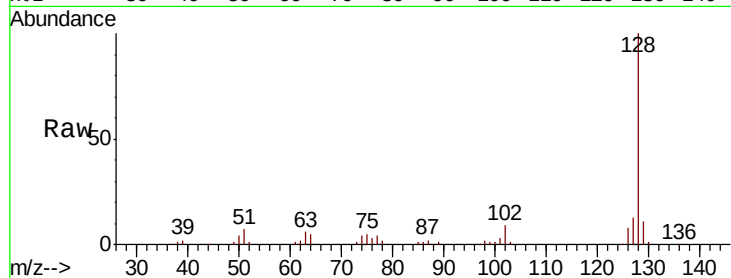
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	128	Resp:	98821
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.2	13.8
127	13.3	11.1	16.7

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#33

4-Chloroaniline

Concen: 3.185 ng

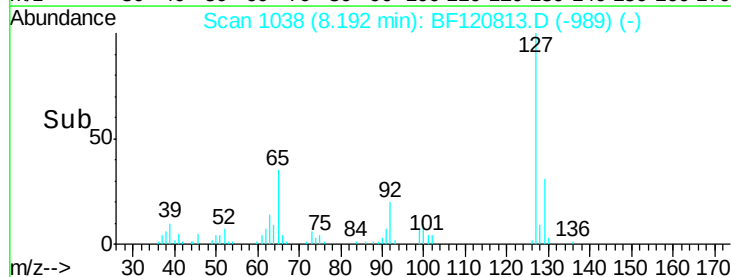
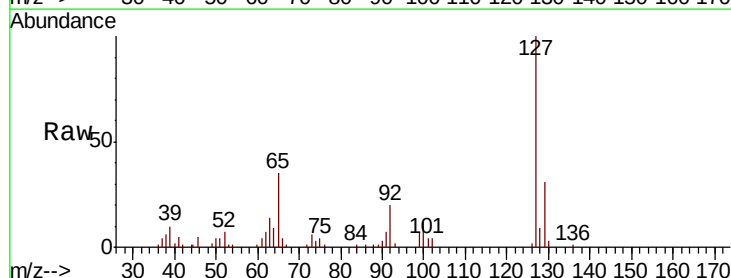
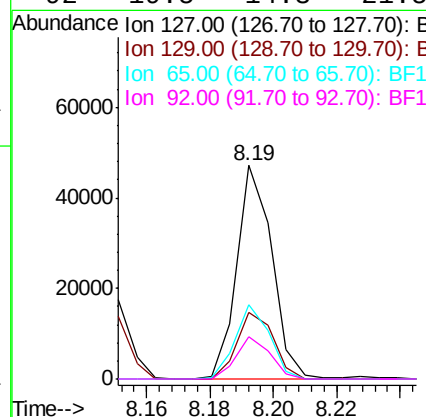
RT: 8.19 min Scan# 1038

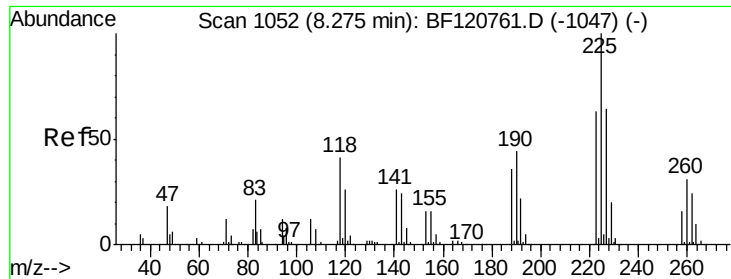
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





#34

Hexachlorobutadiene

Concen: 3.257 ng

RT: 8.27 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

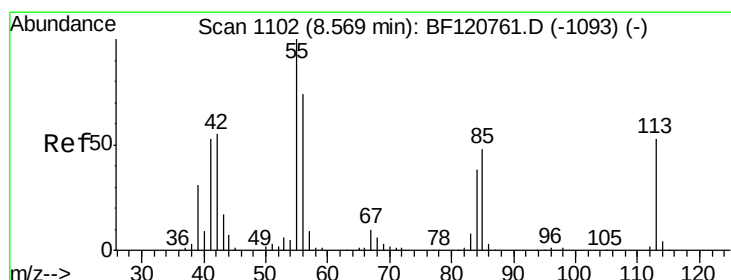
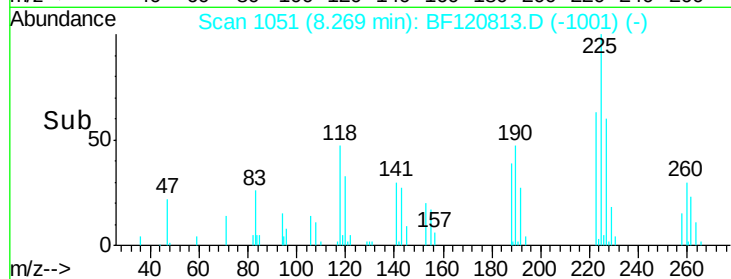
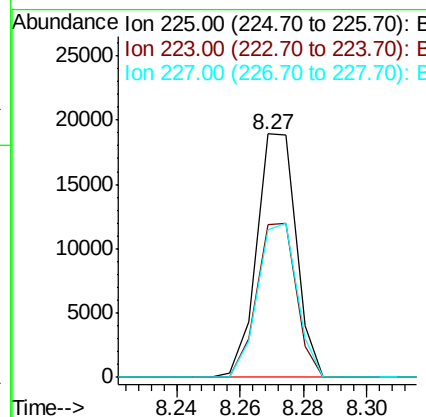
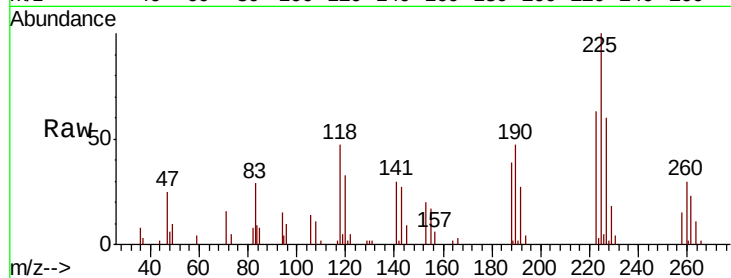
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#35

Caprolactam

Concen: 2.525 ng

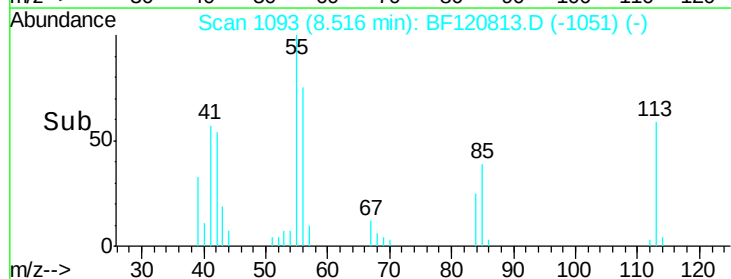
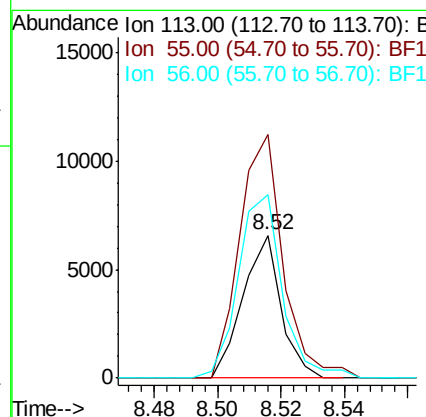
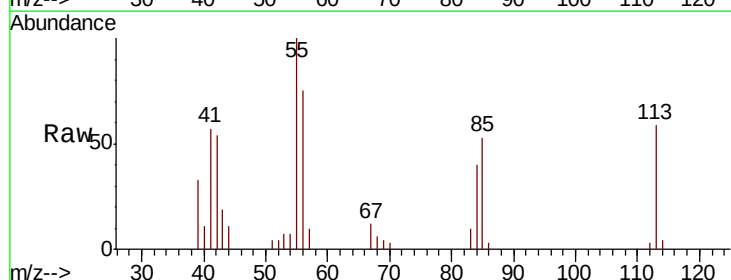
RT: 8.52 min Scan# 1093

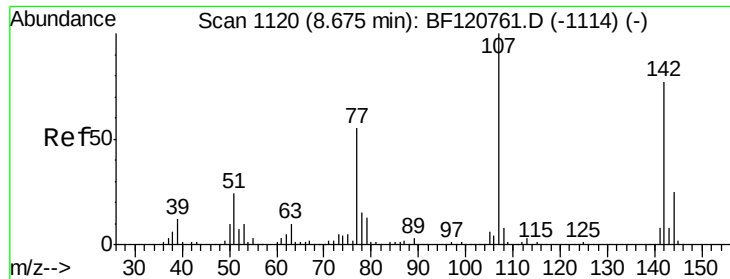
Delta R.T. -0.05 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





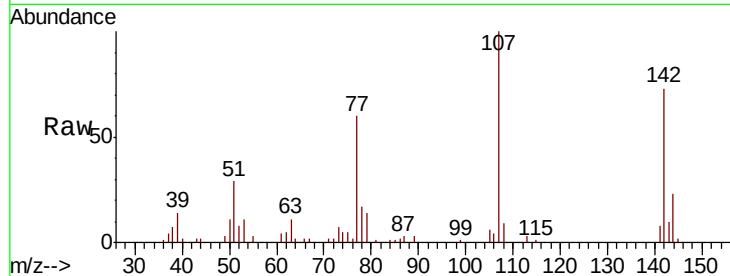
#36
4-Chloro-3-methylphenol
Concen: 3.048 ng
RT: 8.66 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.7	29.5
142	72.8	61.2	91.8

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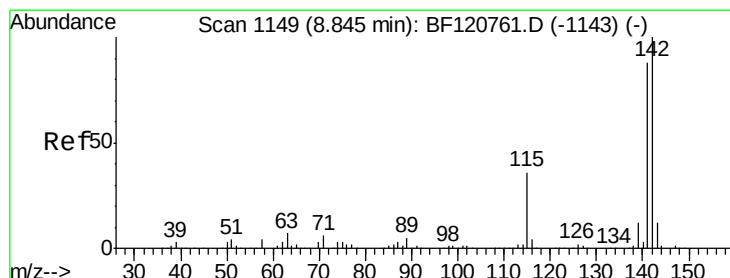
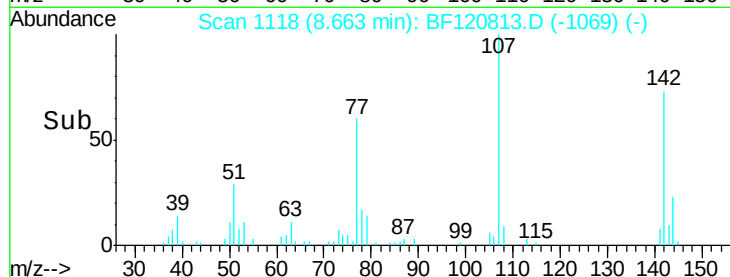
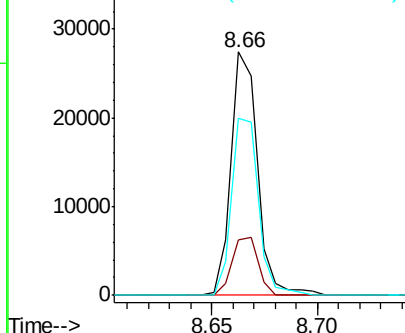


Abundance

Ion 107.00 (106.70 to 107.70): E

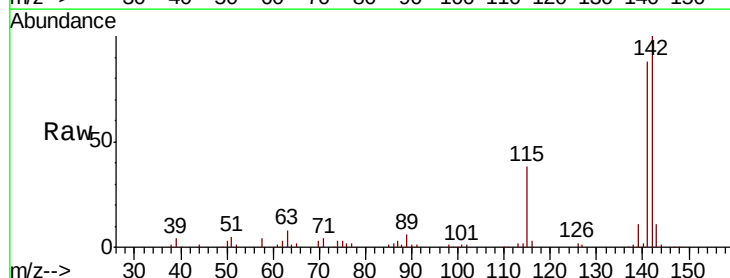
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



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

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.2	105.4
115	38.4	29.0	43.4

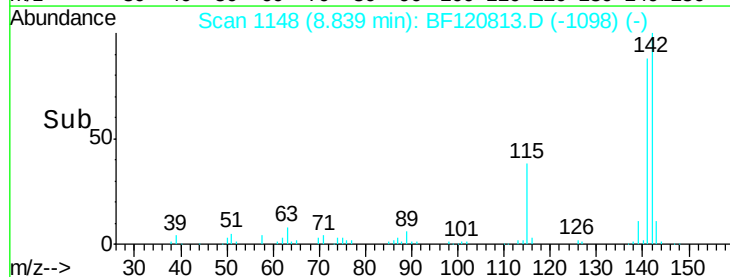
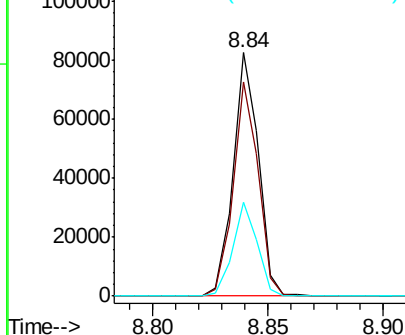


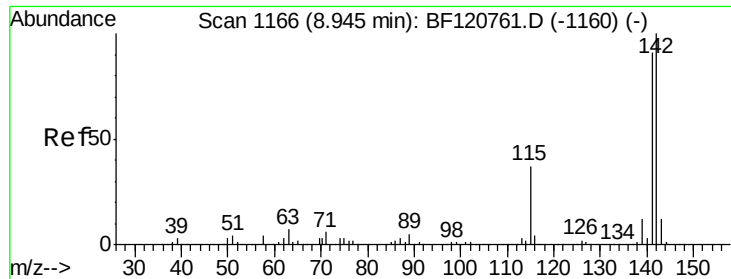
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





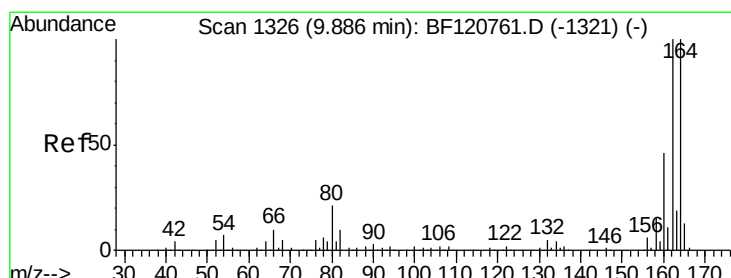
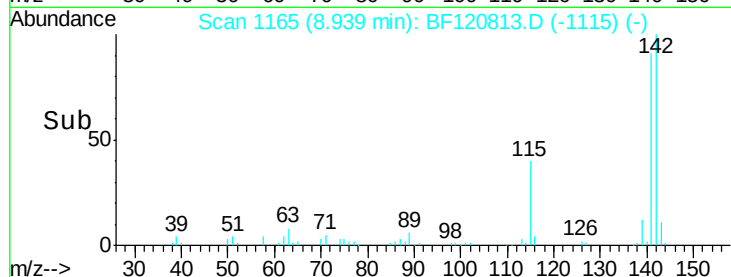
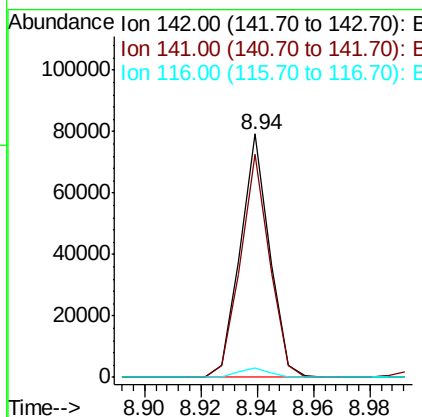
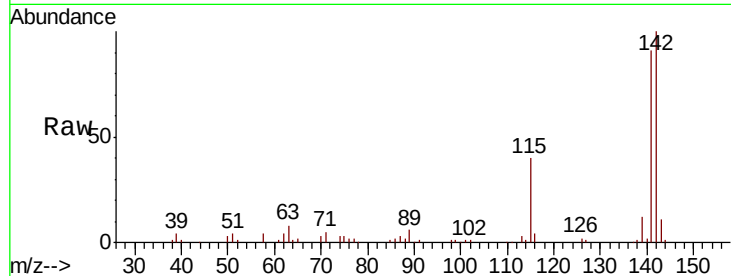
#38
1-Methylnaphthalene
Concen: 3.493 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.5	108.7
116	4.0	3.1	4.7

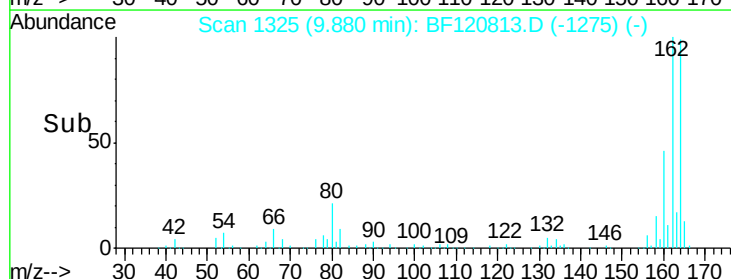
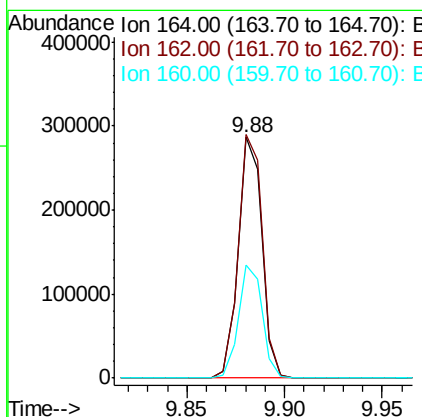
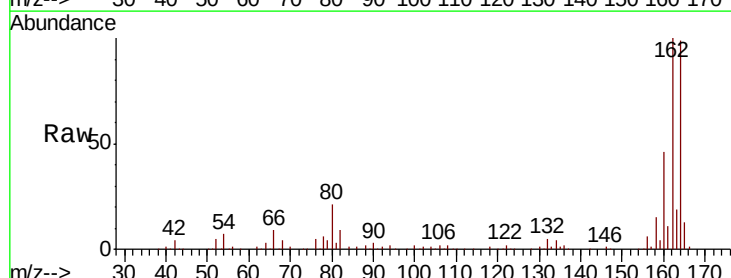
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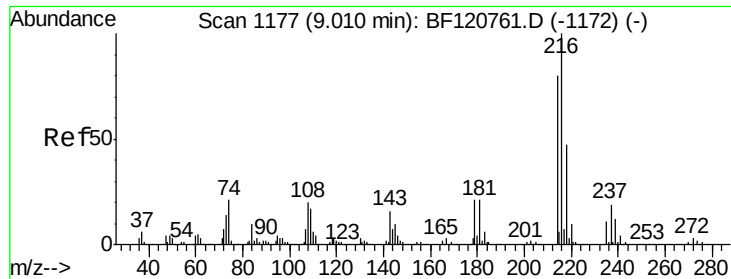
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	46.9	36.9	55.3





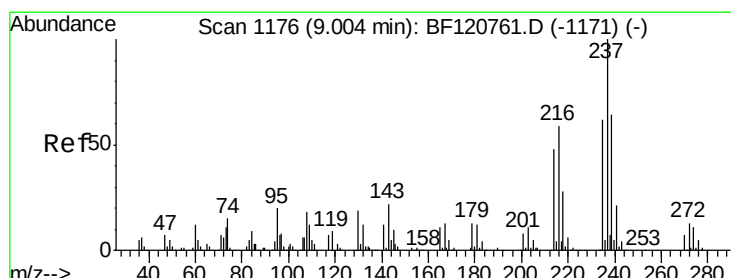
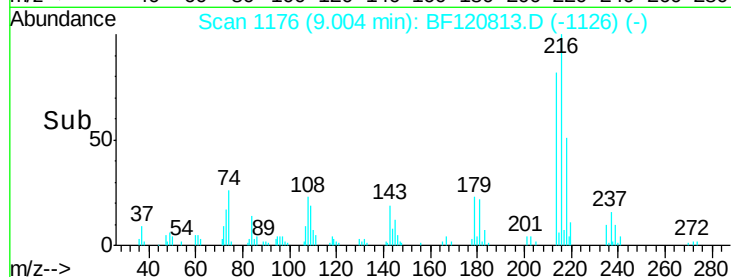
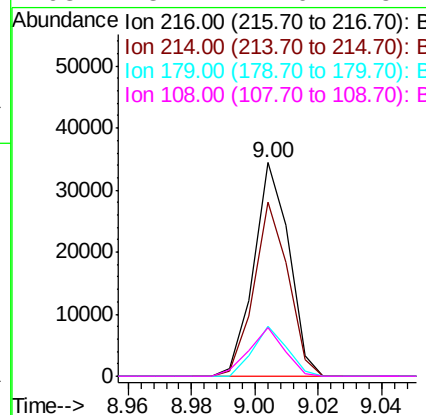
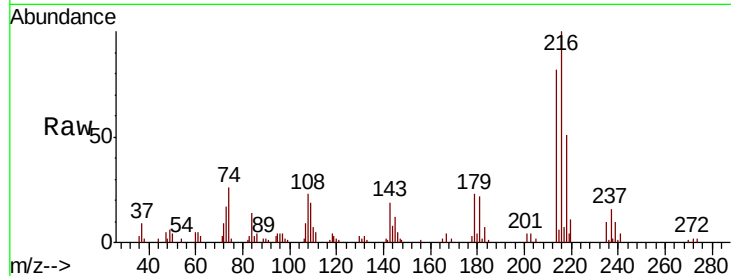
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 3.664 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		26652		
214	79.0		63.7	95.5	
179	22.2		16.7	25.1	
108	23.2		17.0	25.4	

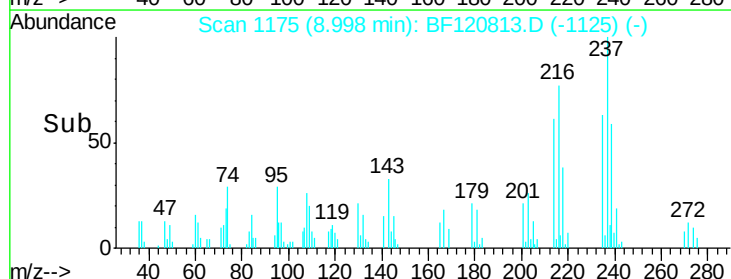
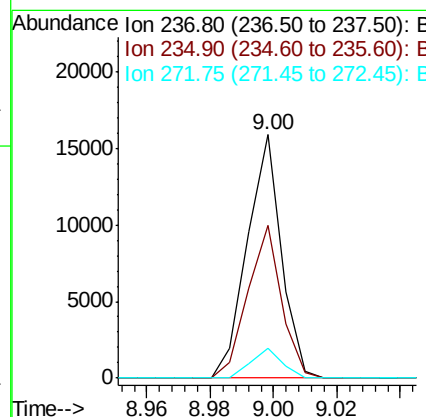
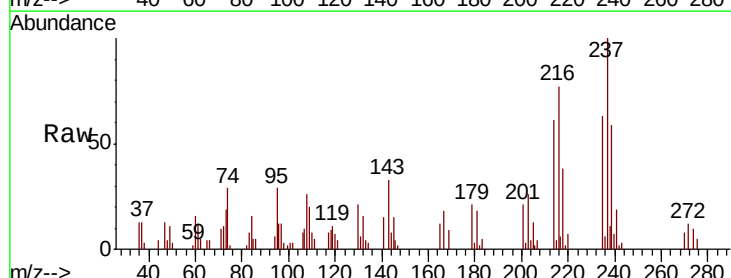
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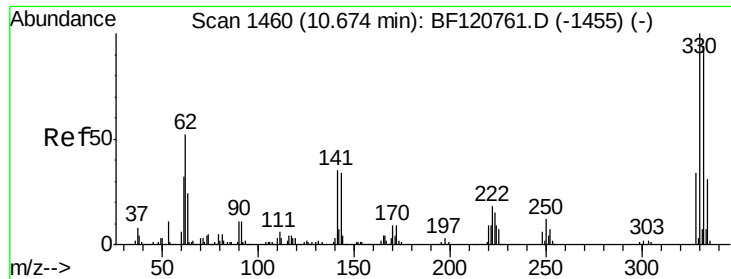
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#41
 Hexachlorocyclopentadiene
 Concen: 2.751 ng
 RT: 9.00 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		11825		
235	62.8		42.1	82.1	
272	12.0		0.0	33.4	





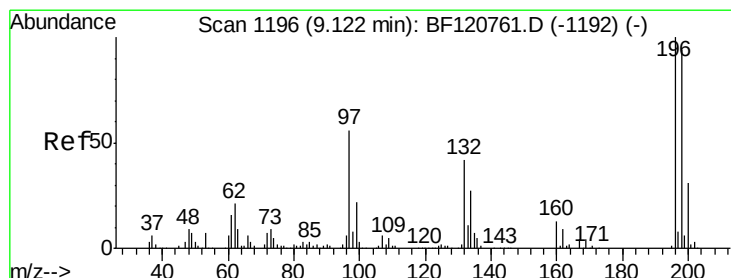
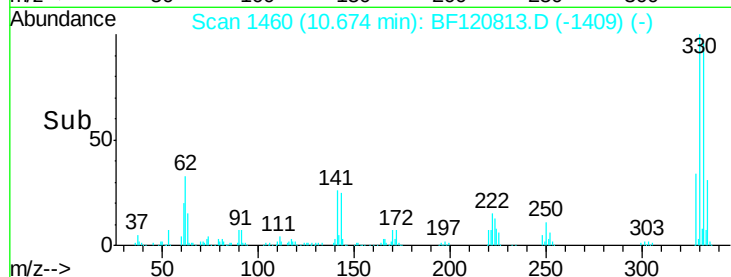
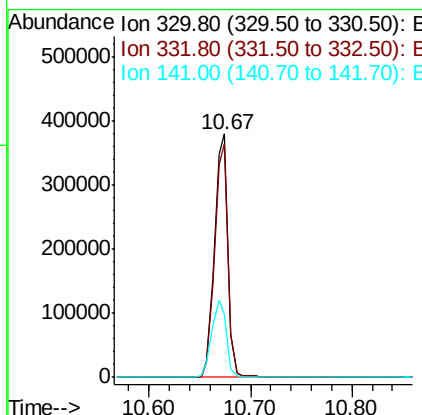
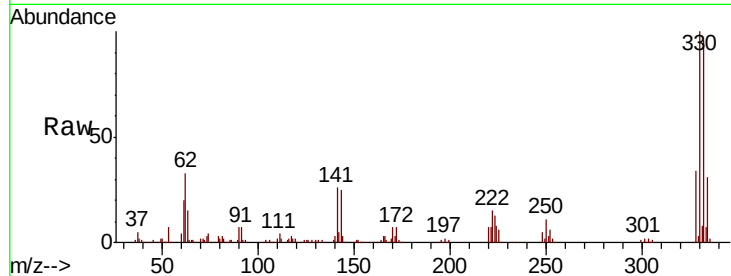
#42
 2,4,6-Tribromophenol
 Concen: 145.006 ng
 RT: 10.67 min Scan# 1460
 Delta R.T. -0.00 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Resp	Lower	Upper
330	100	350651		
332	95.6		75.8	113.6
141	34.9		29.7	44.5

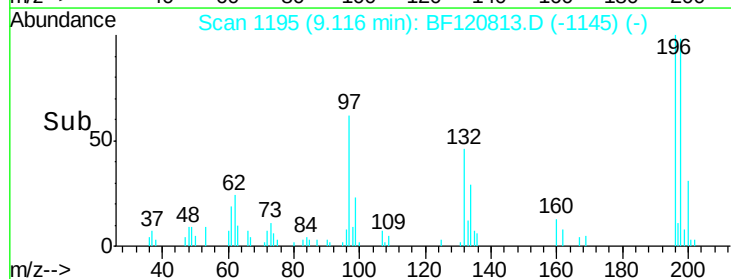
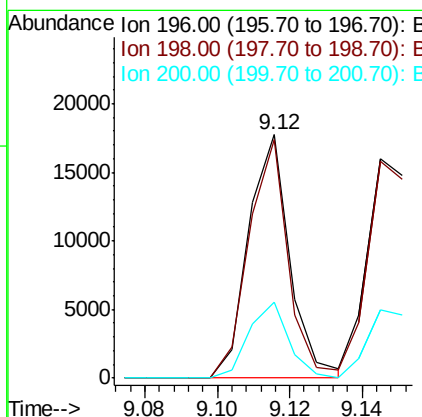
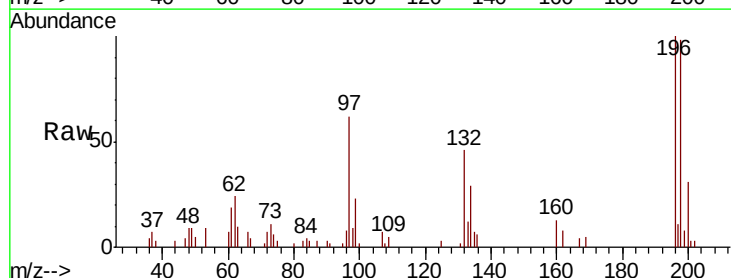
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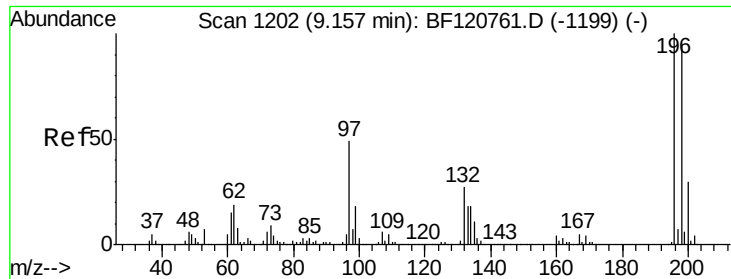
mohammad
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#43
 2,4,6-Trichlorophenol
 Concen: 2.867 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	14210		
198	97.8		75.3	112.9
200	31.1		24.4	36.6





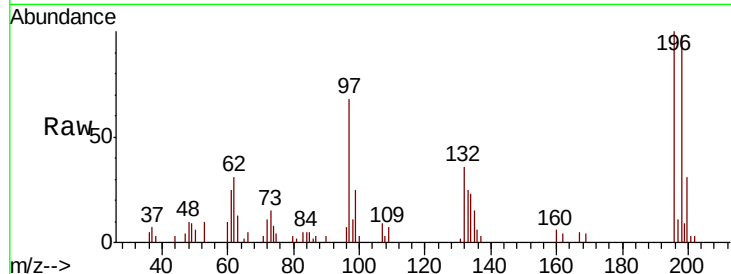
#44
 2,4,5-Trichlorophenol
 Concen: 2.774 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	15258		
198	98.5	76.2	114.2	
97	68.2	39.6	59.4	
132	35.9	22.0	33.0	

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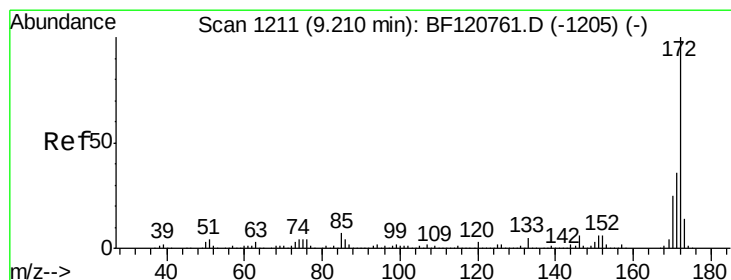
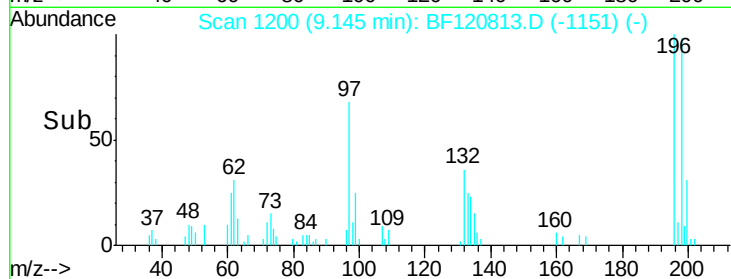
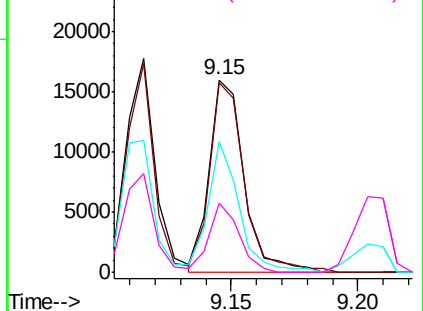
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



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

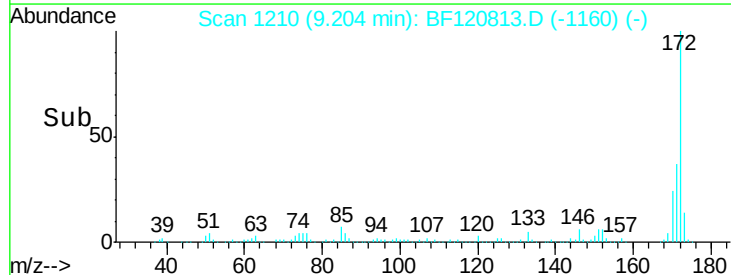
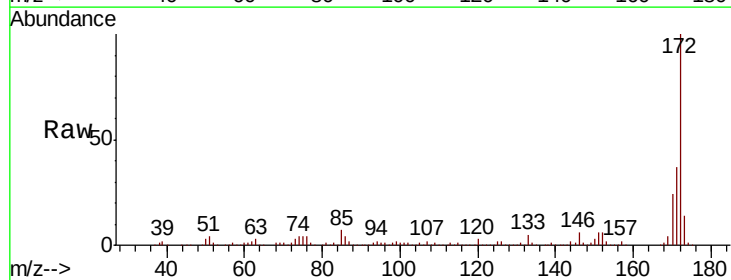
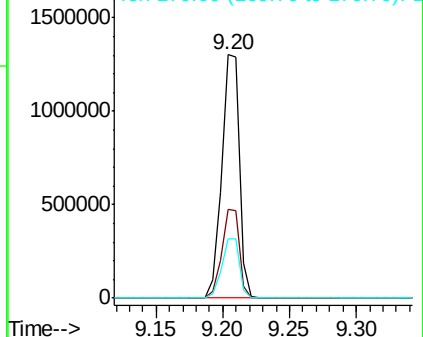
Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1224220		
171	36.7	29.1	43.7	
170	24.4	19.8	29.6	

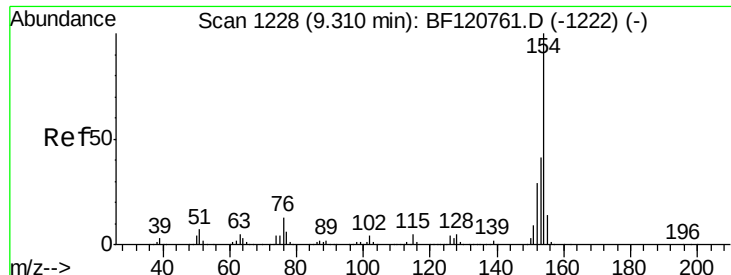
Abundance

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





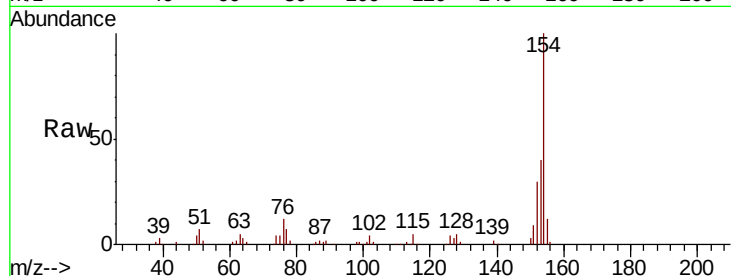
#46
1,1'-Biphenyl
Concen: 4.135 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

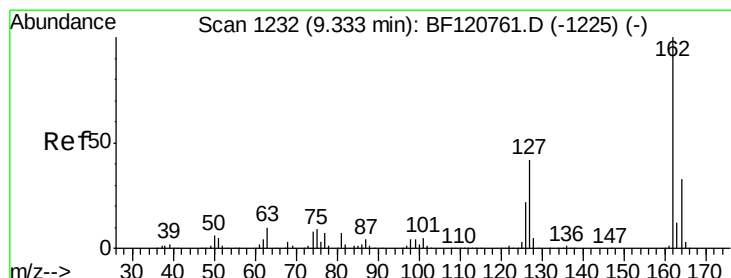
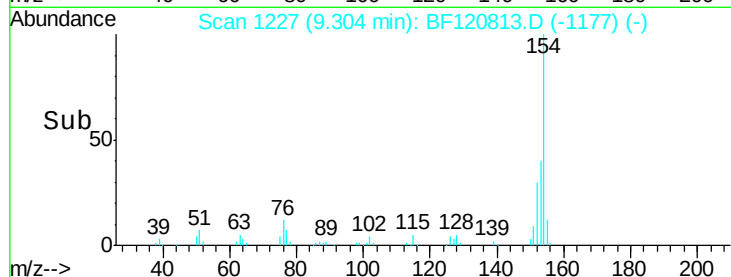
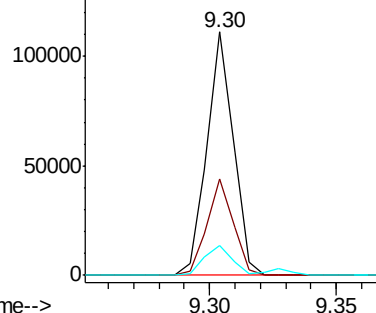
Tot Ion:	154	Resp:	80287
Ion Ratio	Lower	Upper	
154	100		
153	39.6	20.7	60.7
76	12.4	0.0	33.3

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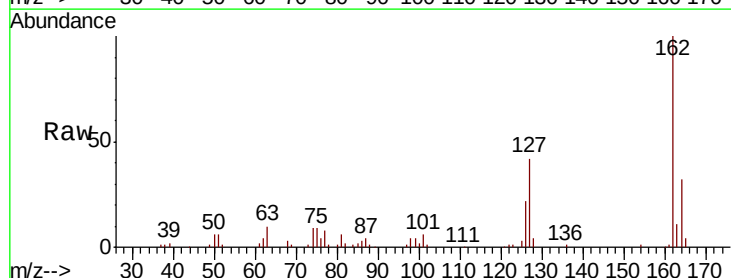


Abundance Ion 154.00 (153.70 to 154.70): E
150000 Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

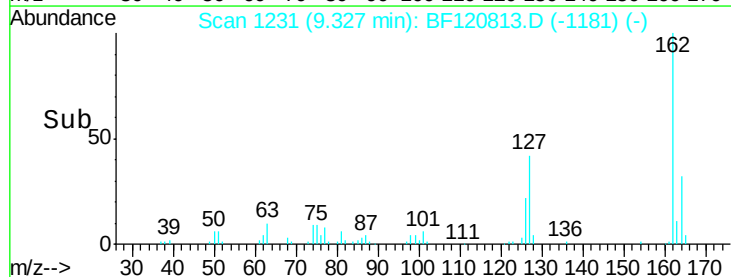
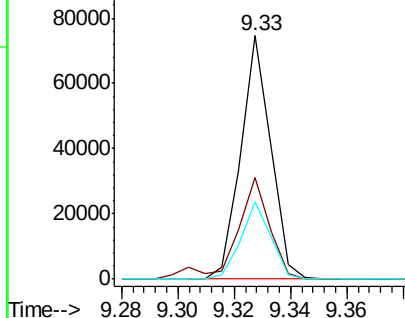


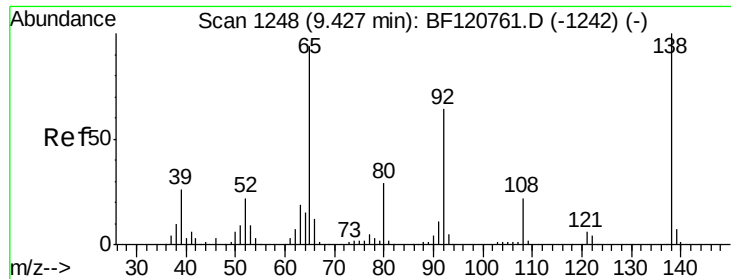
#47
2-Chloronaphthalene
Concen: 3.532 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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



Abundance Ion 162.00 (161.70 to 162.70): E
100000 Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





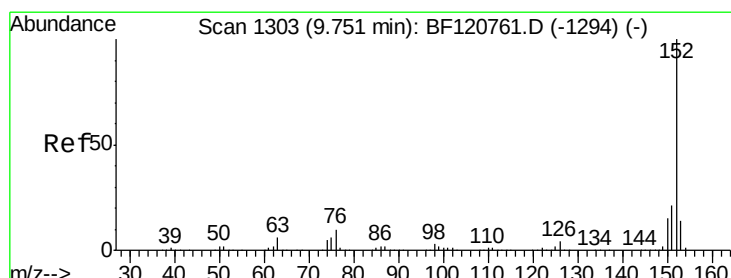
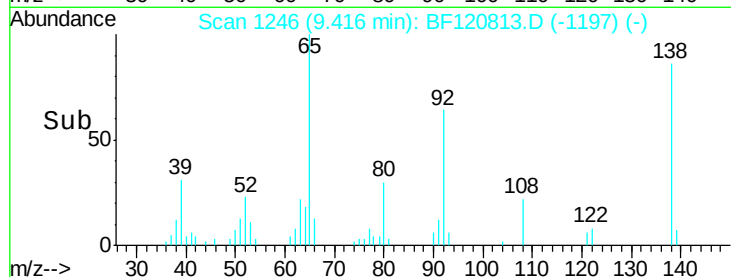
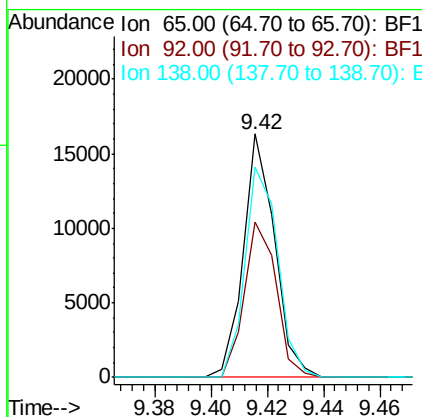
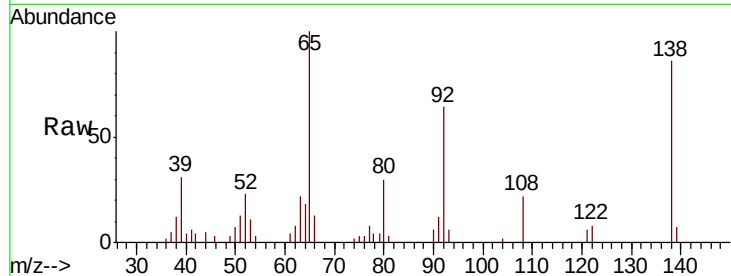
#48
2-Nitroaniline
Concen: 3.025 ng
RT: 9.42 min Scan# 1246
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	63.7	54.4	81.6
138	86.4	84.7	127.1

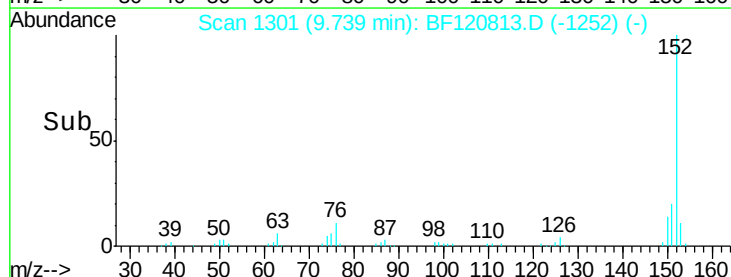
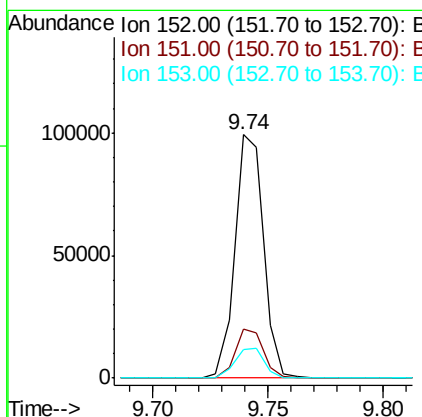
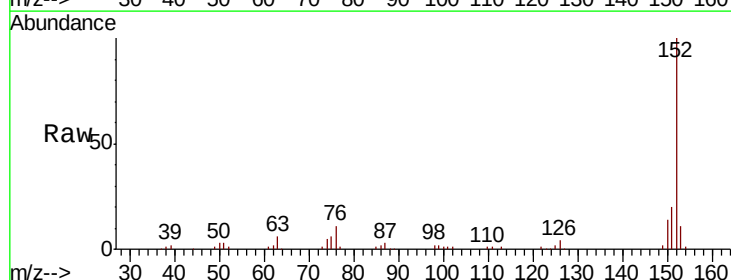
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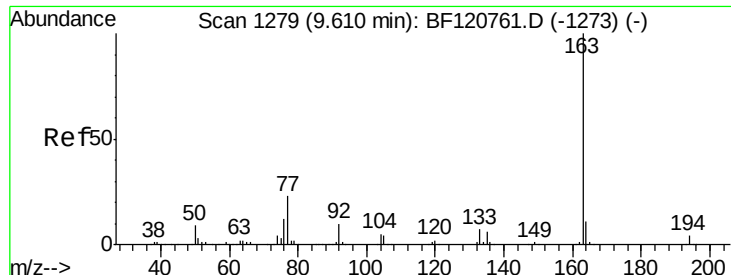
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#49
Acenaphthylene
Concen: 3.517 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.9	25.3
153	11.5	10.8	16.2





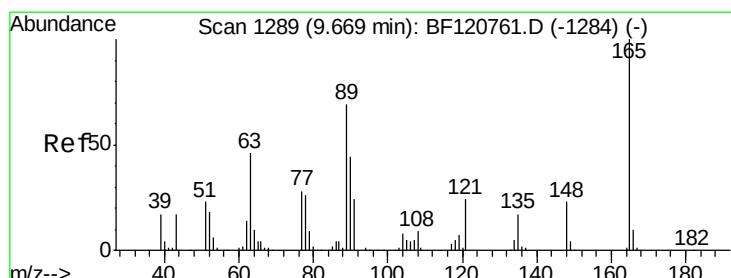
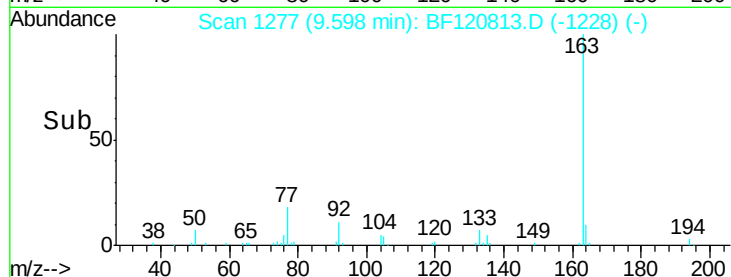
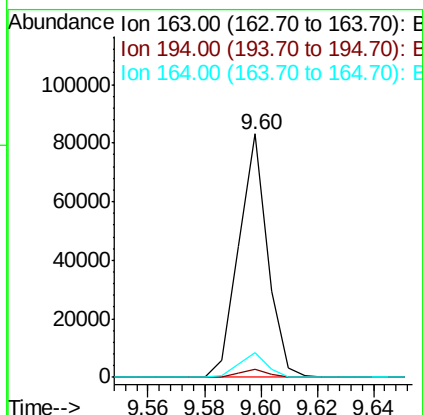
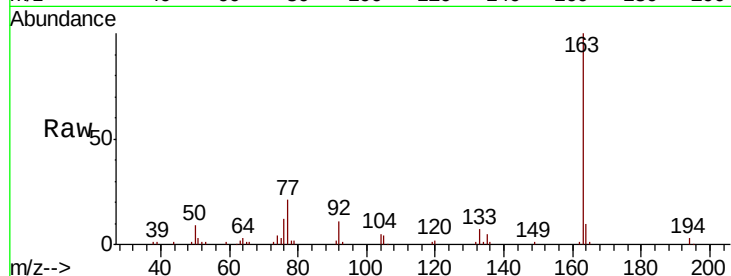
#50
Dimethylphthalate
Concen: 3.358 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.9	4.3	
164	10.0	8.5	12.7	

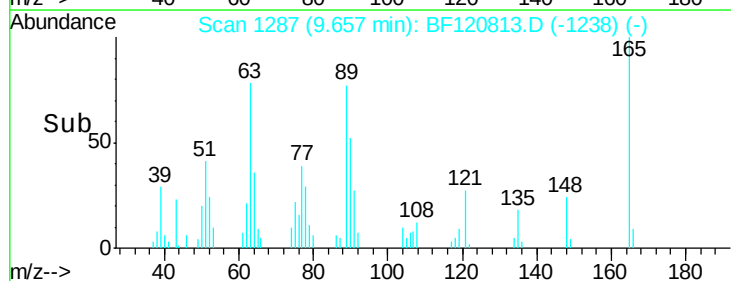
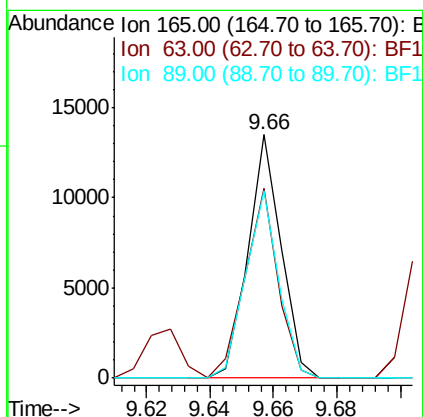
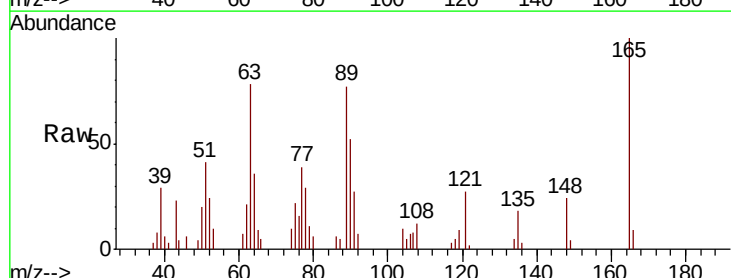
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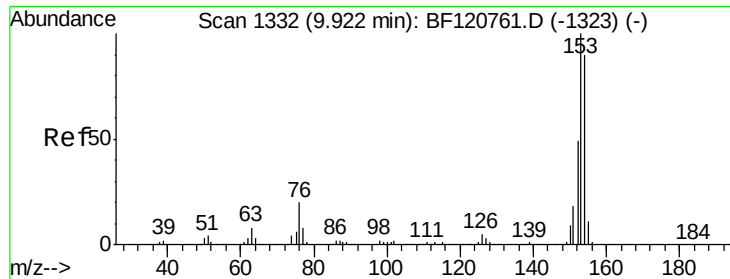
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#51
2,6-Dinitrotoluene
Concen: 3.077 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





#52

Acenaphthene

Concen: 3.395 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

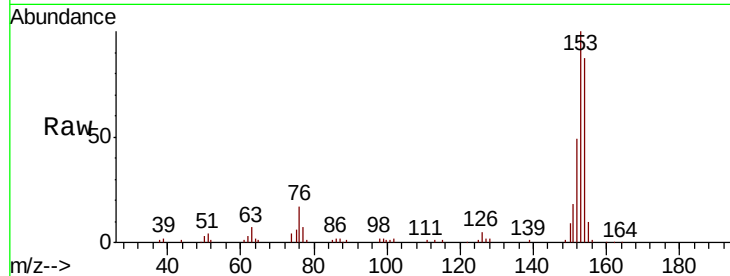
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

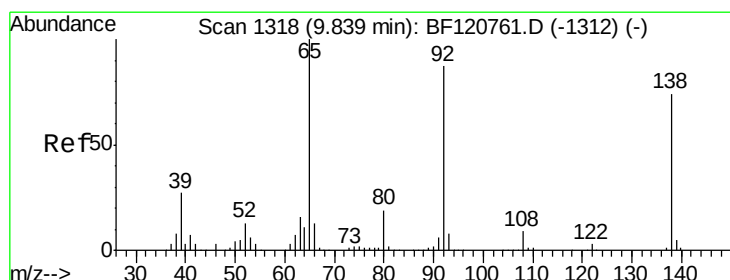
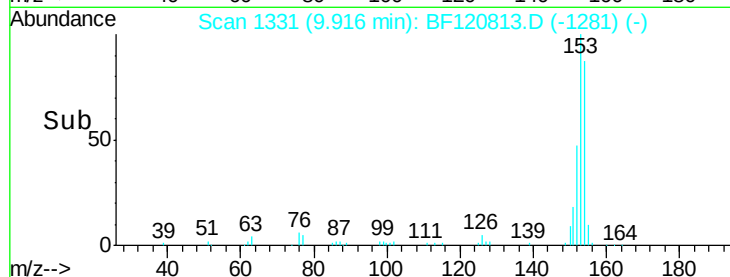
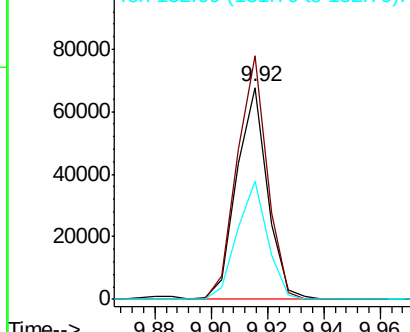
Tot Ion:	154	Resp:	51357
Ion	Ratio	Lower	Upper
154	100		
153	114.7	88.6	132.8
152	56.0	43.6	65.4

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



#53

3-Nitroaniline

Concen: 2.866 ng

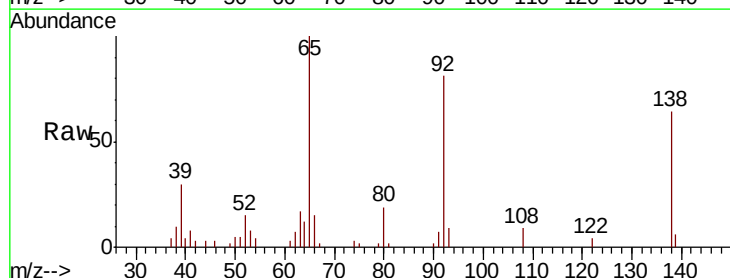
RT: 9.82 min Scan# 1315

Delta R.T. -0.02 min

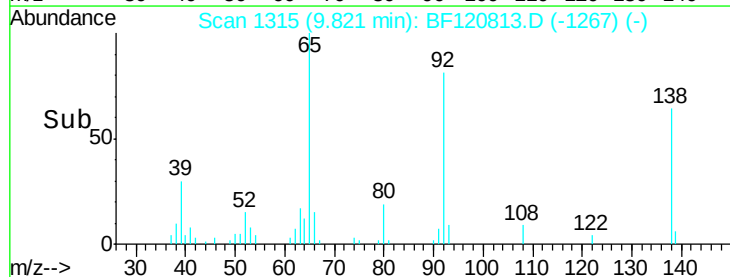
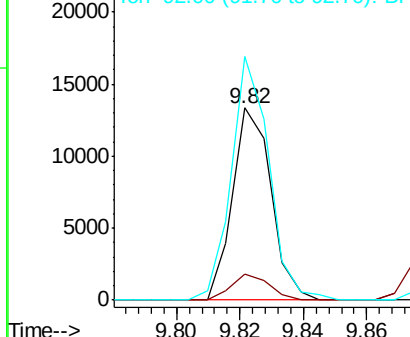
Lab File: BF120813.D

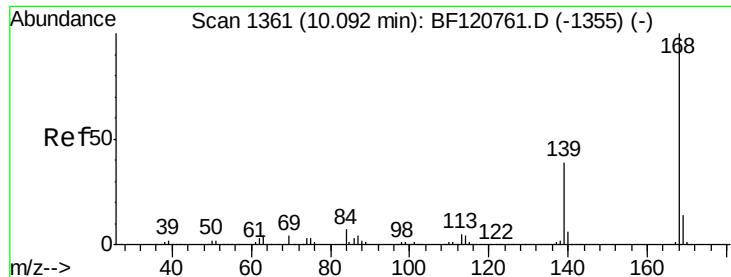
Acq: 9 Jul 2020 12:32

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



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





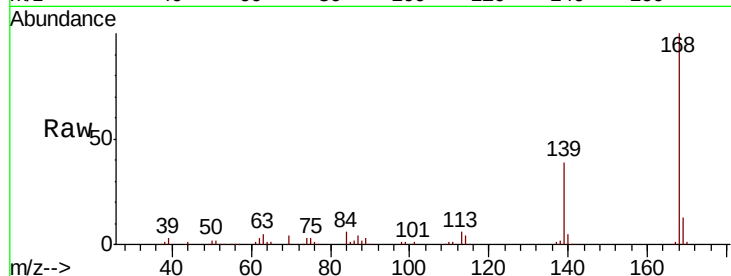
#55
Dibenzenofuran
Concen: 3.605 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

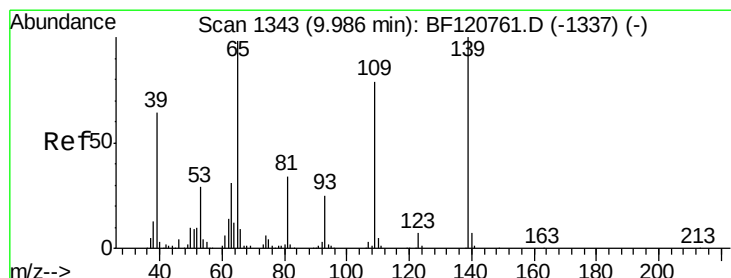
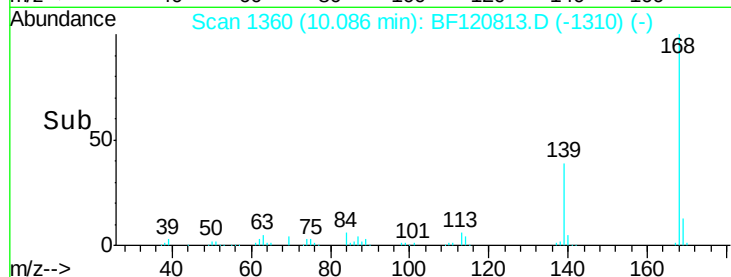
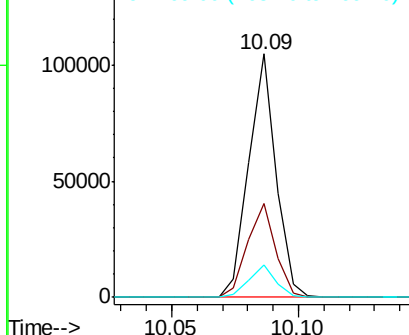
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.5	31.3	46.9
169	13.4	11.2	16.8

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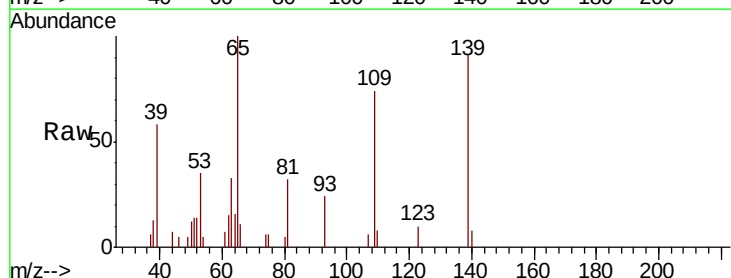


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

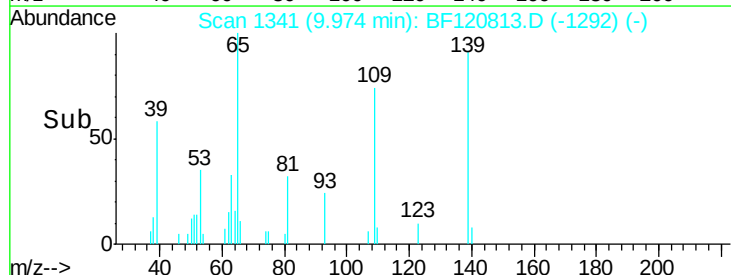
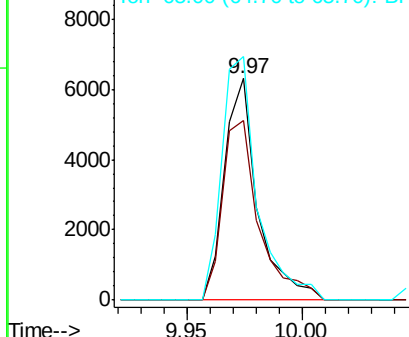


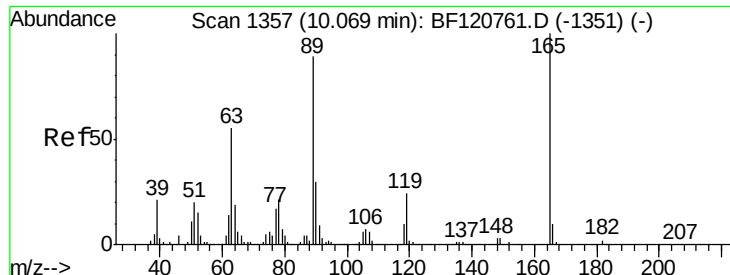
#56
4-Nitrophenol
Concen: 2.197 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.2	58.6	98.6
65	110.0	78.7	118.7



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





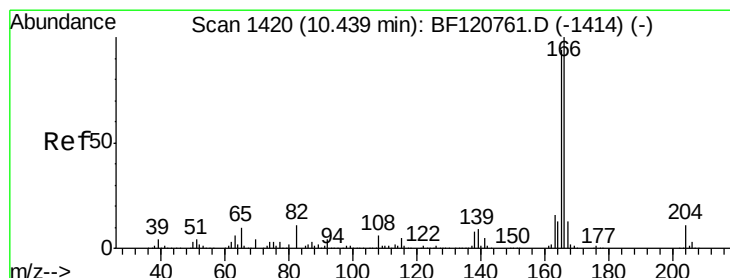
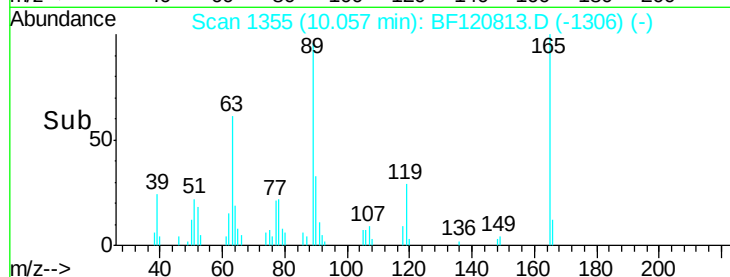
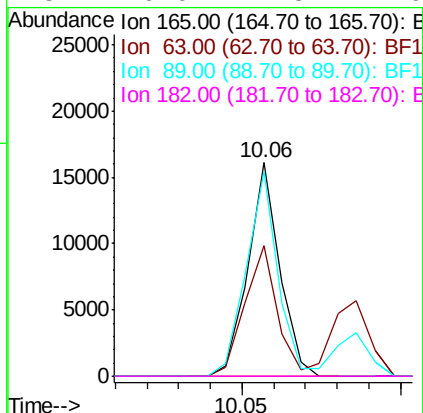
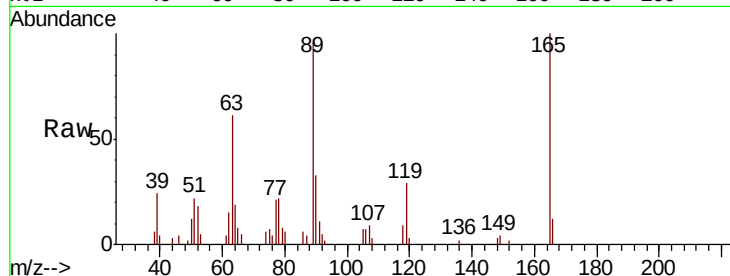
#57
2,4-Dinitrotoluene
Concen: 2.926 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

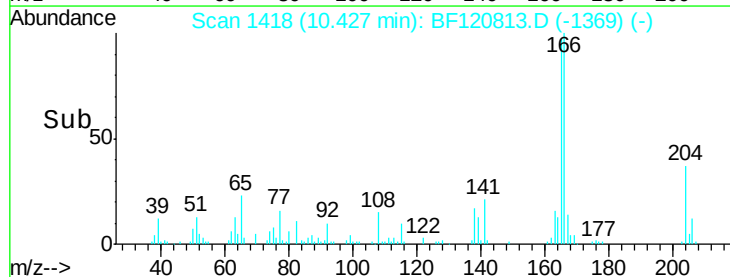
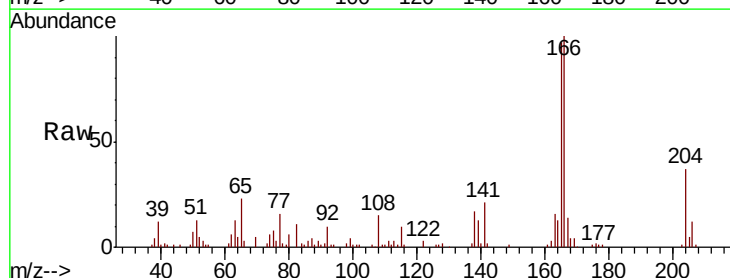
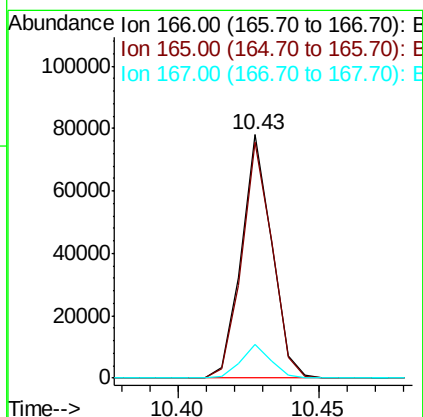
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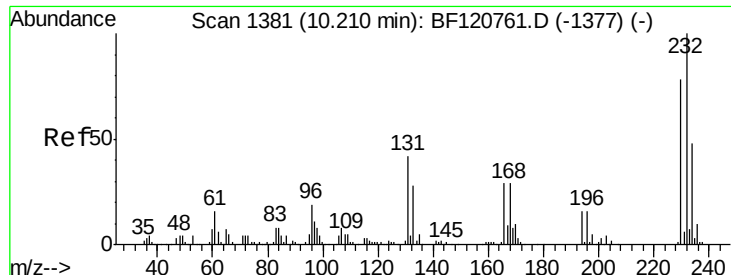
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#58
Fluorene
Concen: 3.594 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





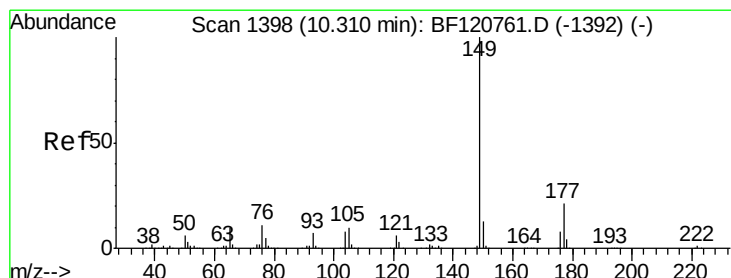
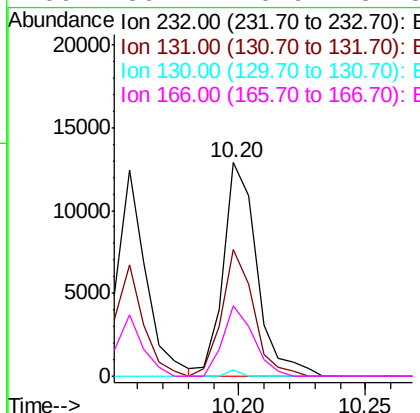
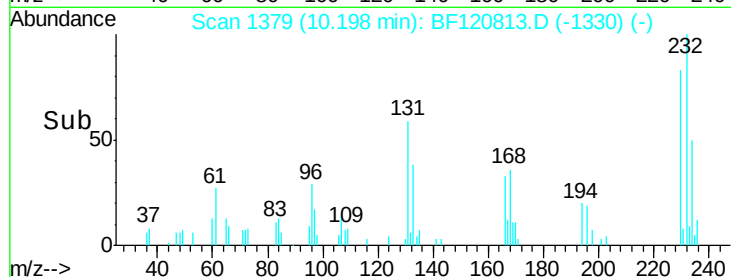
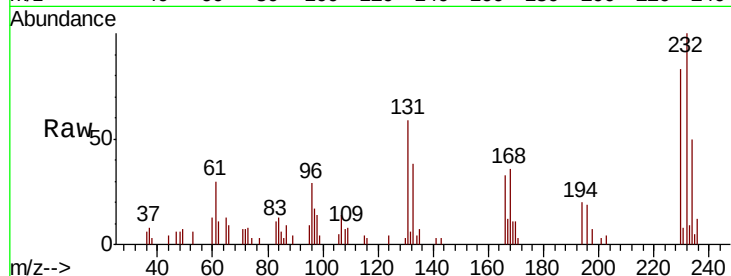
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.912 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

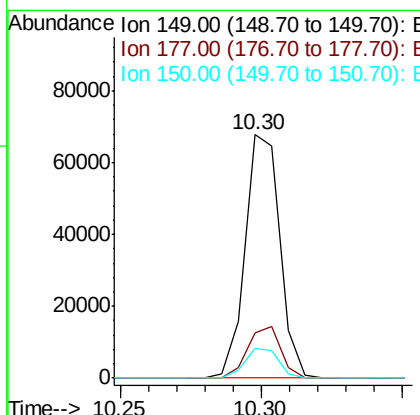
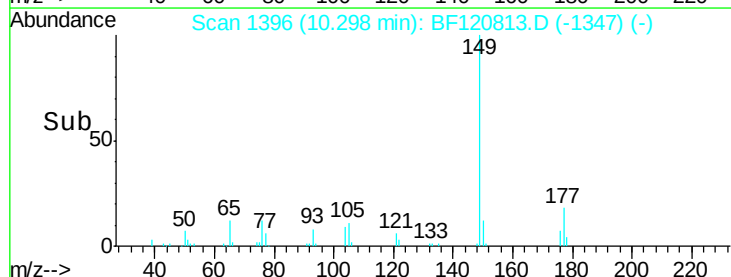
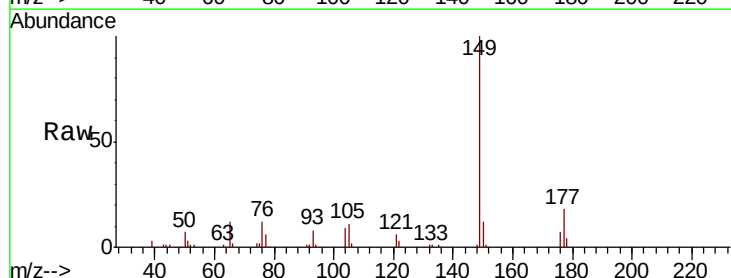
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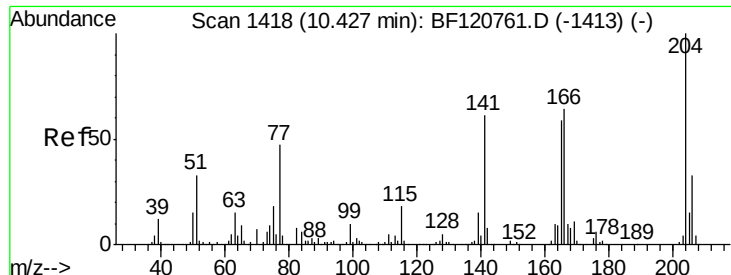
mohammad
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#60
Diethylphthalate
Concen: 3.160 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





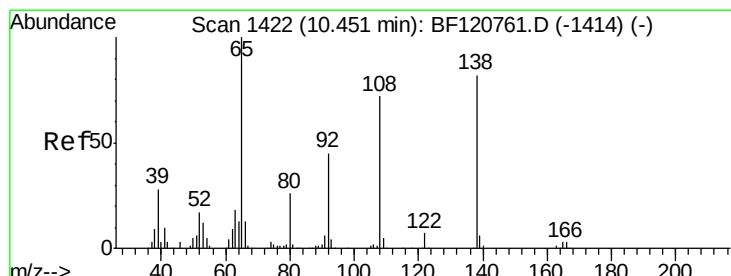
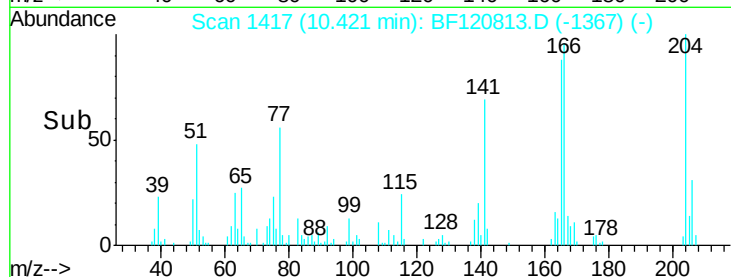
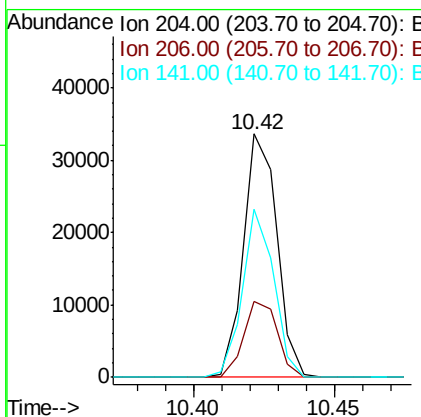
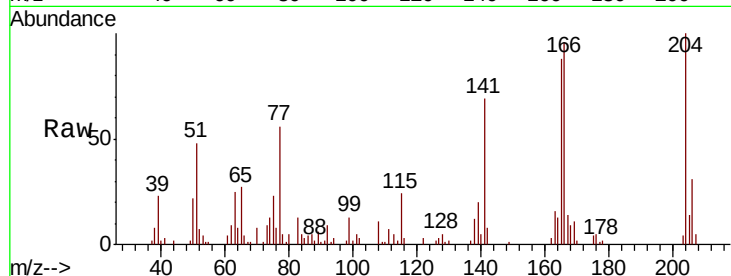
#61
 4-Chlorophenyl-phenylether
 Concen: 3.387 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

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

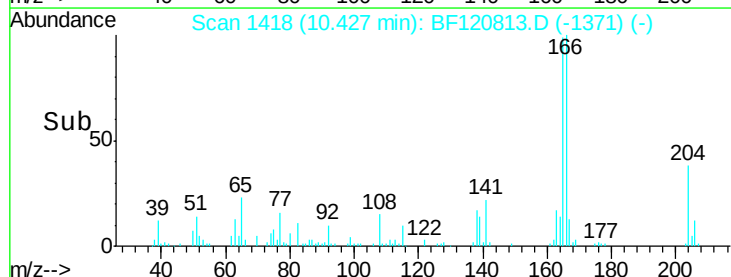
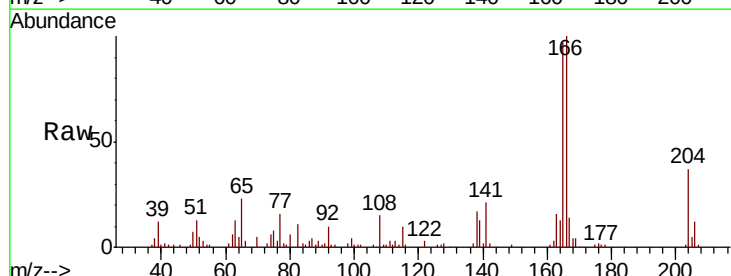
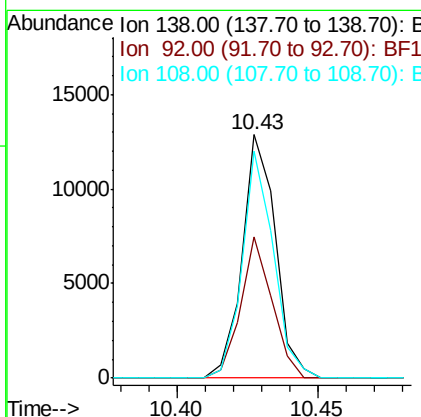
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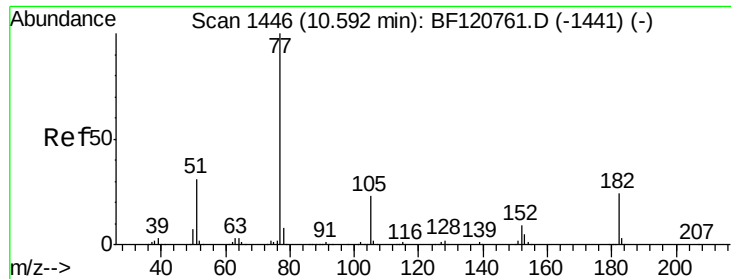
mohammad
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#62
 4-Nitroaniline
 Concen: 2.821 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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





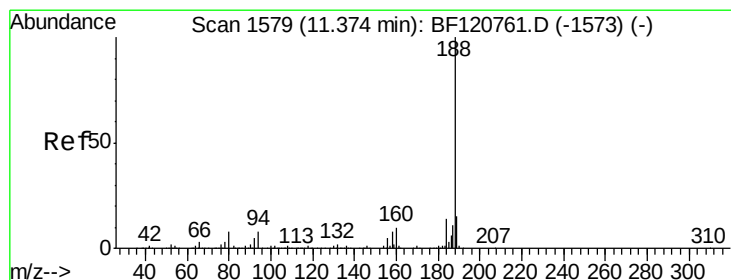
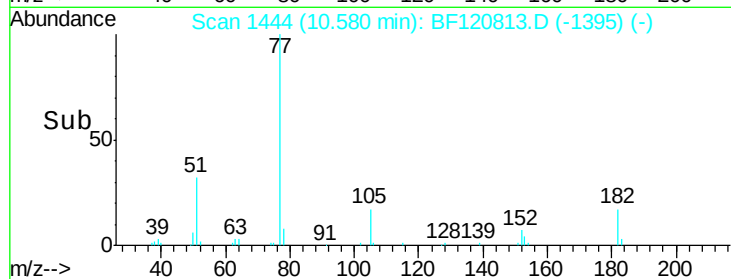
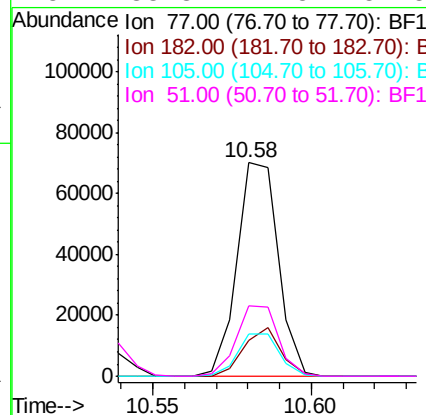
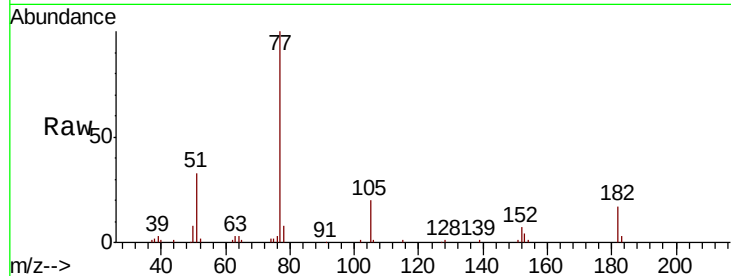
#63
Azobenzene
Concen: 3.372 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

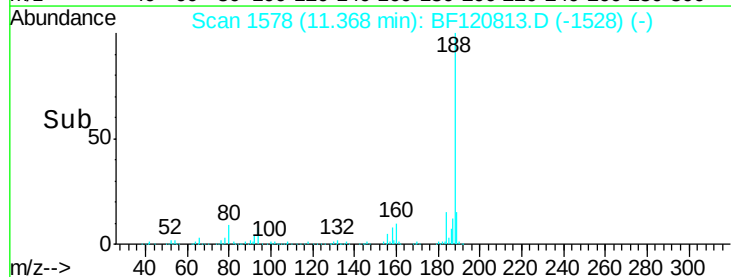
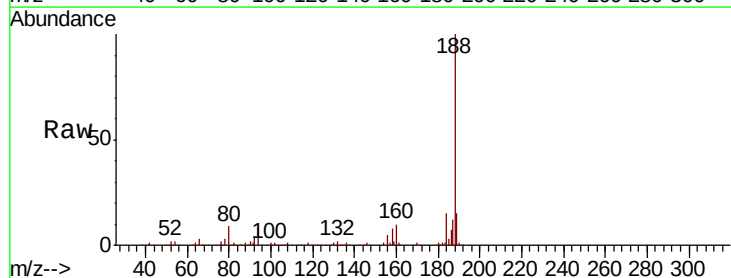
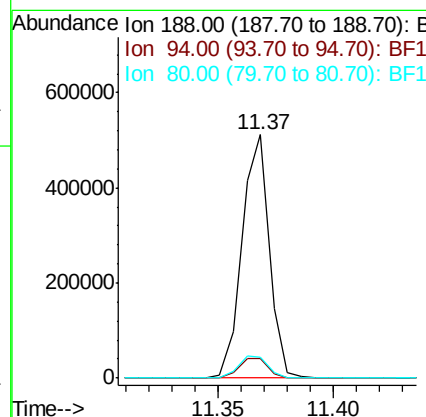
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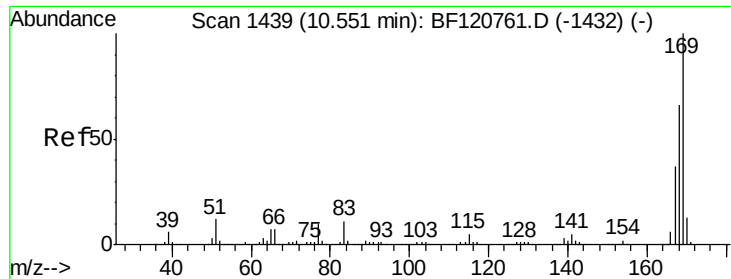
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





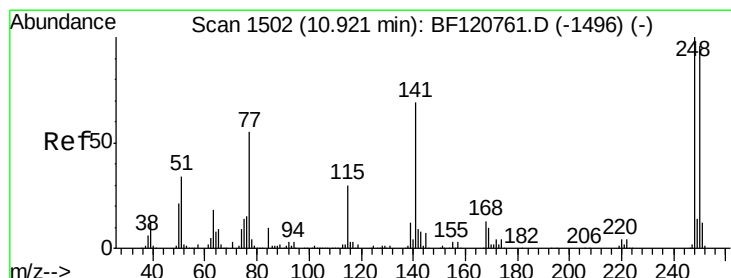
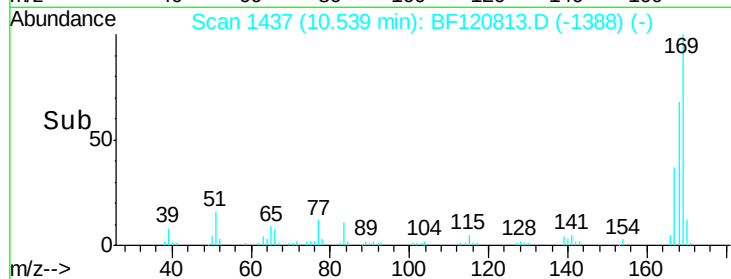
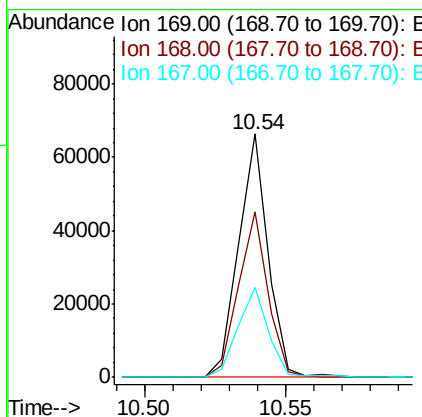
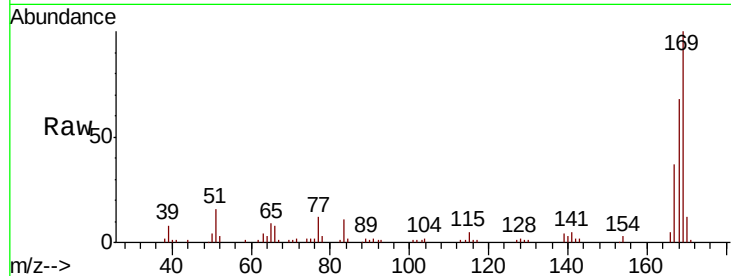
#66
 n-Nitrosodiphenylamine
 Concen: 3.376 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		47812		
168	68.0	53.1		79.7	
167	37.1	29.6		44.4	

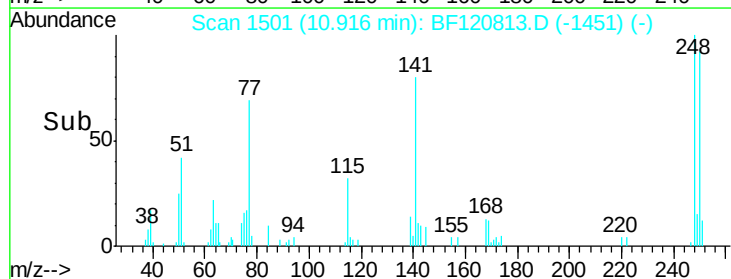
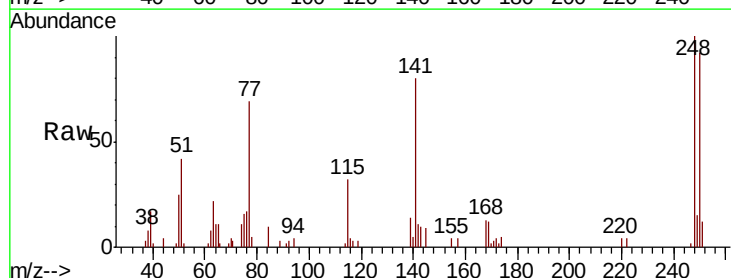
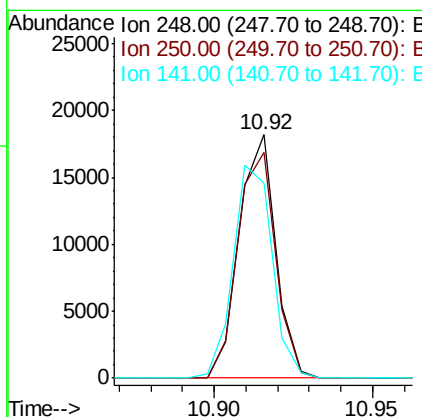
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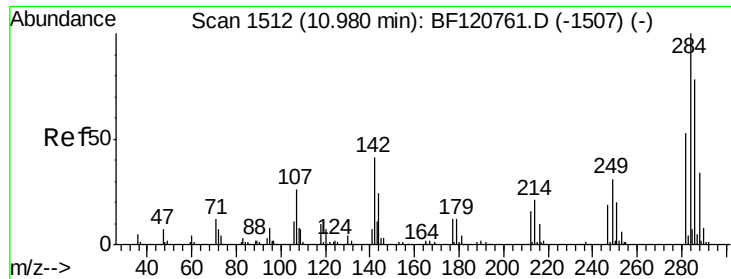
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#67
 4-Bromophenyl-phenylether
 Concen: 2.966 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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





#68

Hexachlorobenzene

Concen: 3.293 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

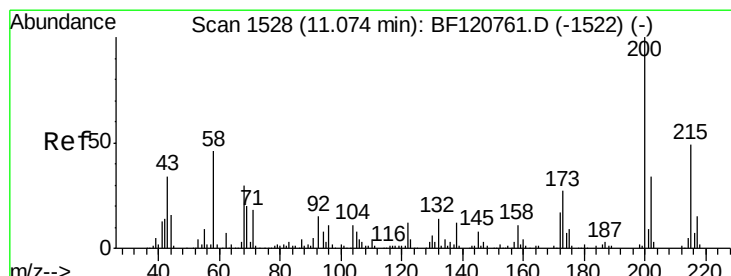
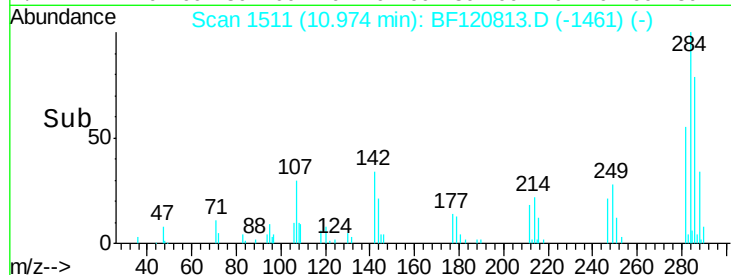
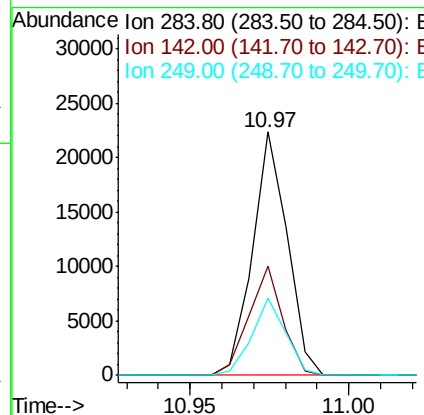
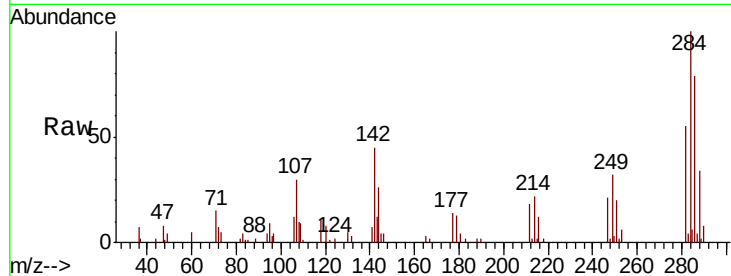
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion:	284	Resp:	16941
Ion Ratio	Lower	Upper	
284	100		
142	44.6	32.5	48.7
249	35.0	24.8	37.2

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#69

Atrazine

Concen: 3.457 ng

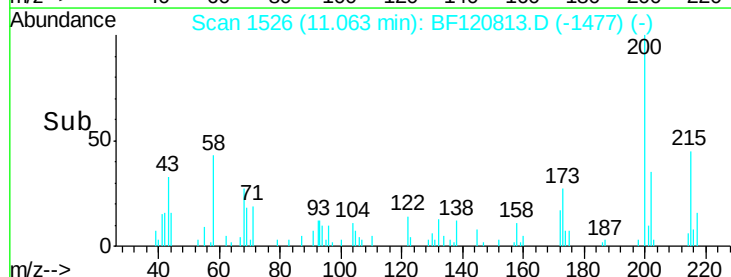
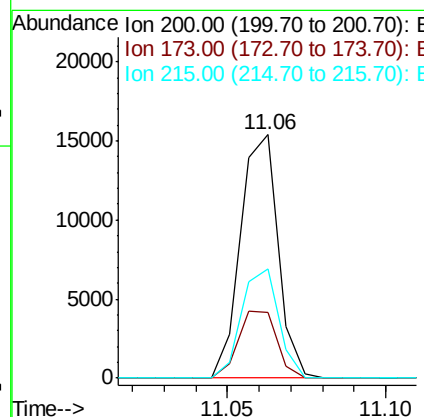
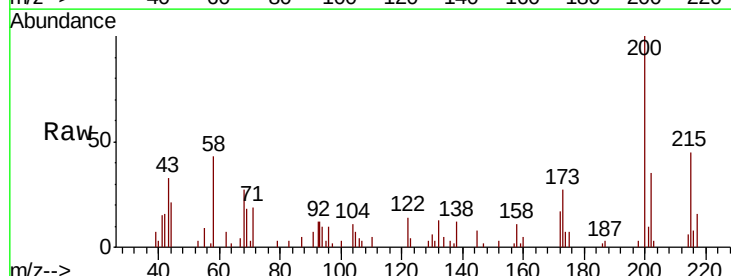
RT: 11.06 min Scan# 1526

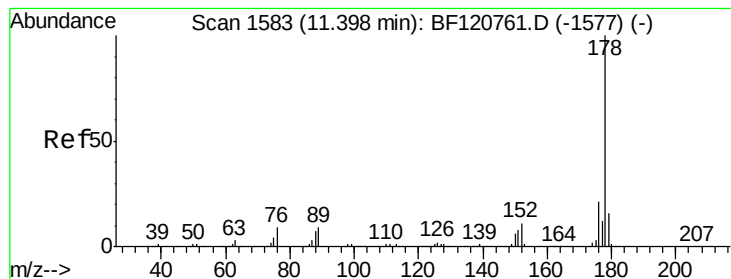
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





#71

Phenanthrene

Concen: 3.572 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

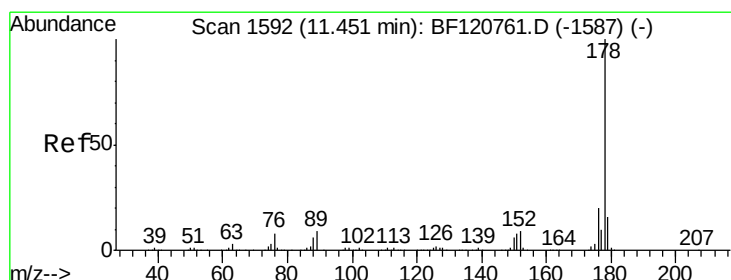
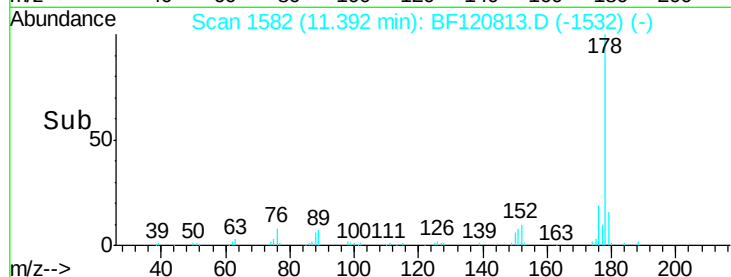
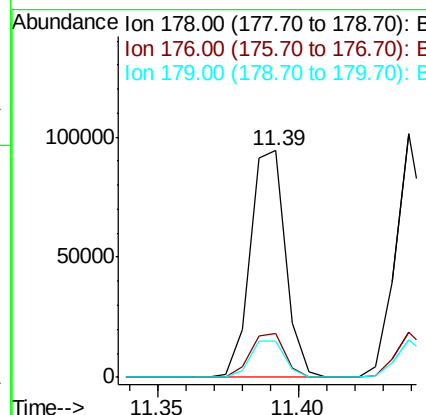
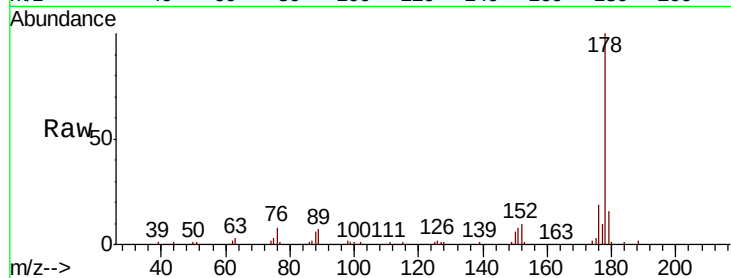
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#72

Anthracene

Concen: 3.443 ng

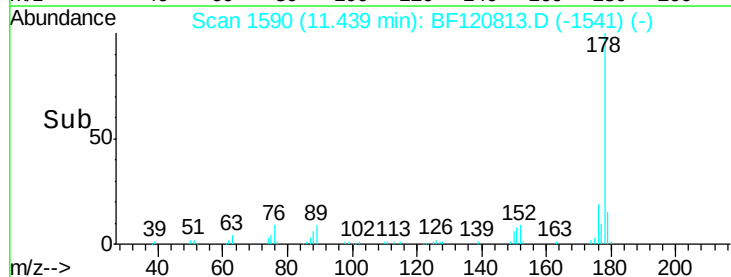
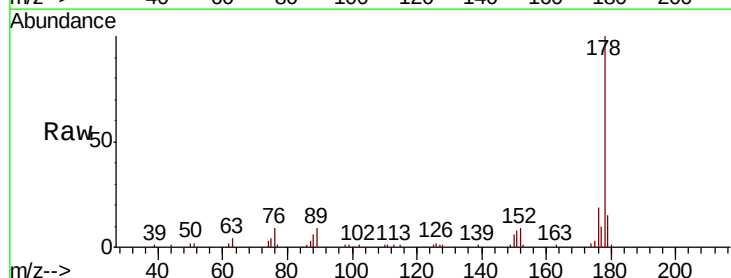
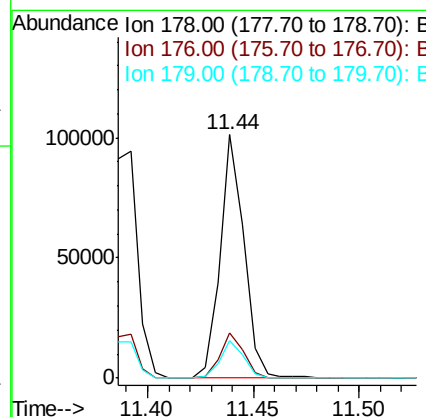
RT: 11.44 min Scan# 1590

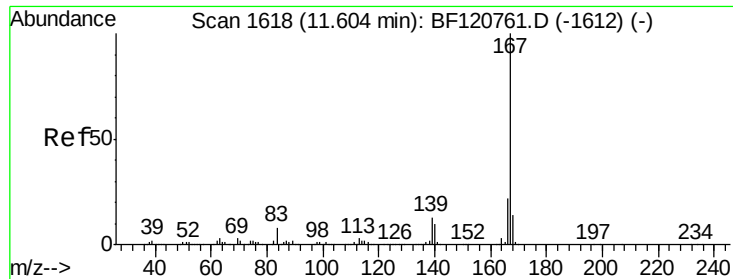
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





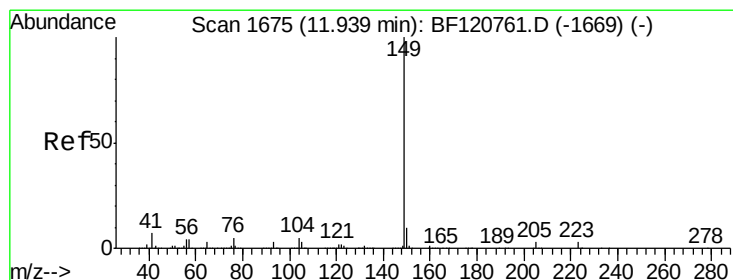
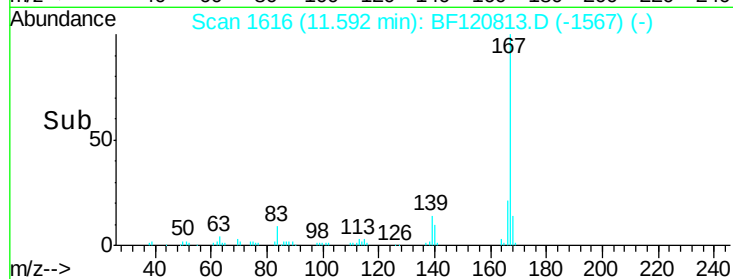
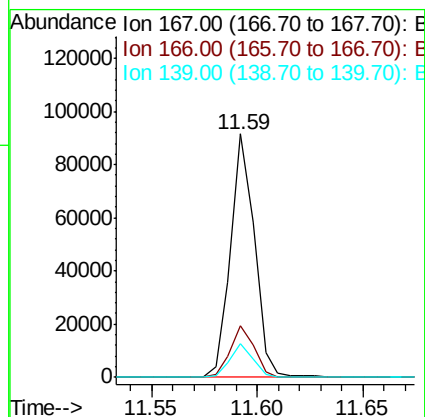
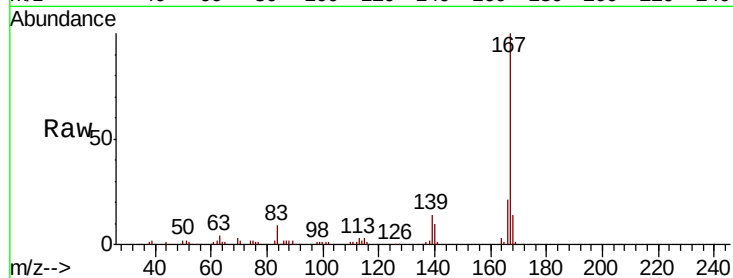
#73
 Carbazole
 Concen: 3.206 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

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

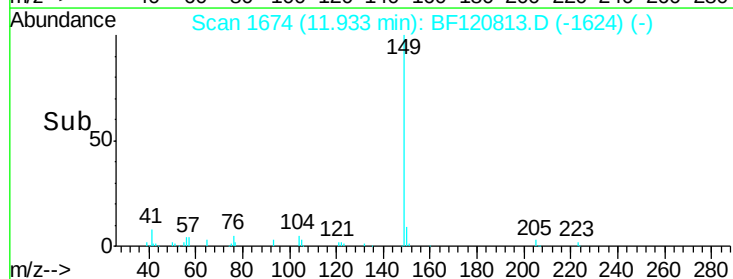
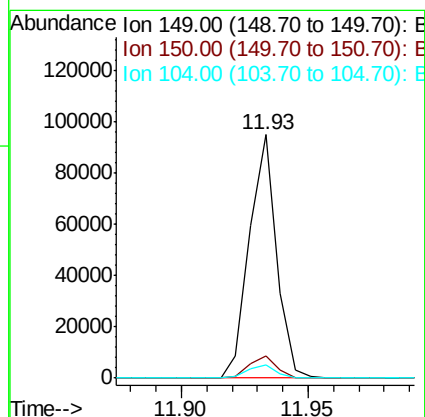
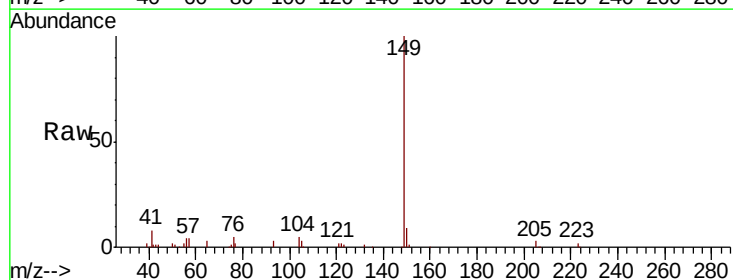
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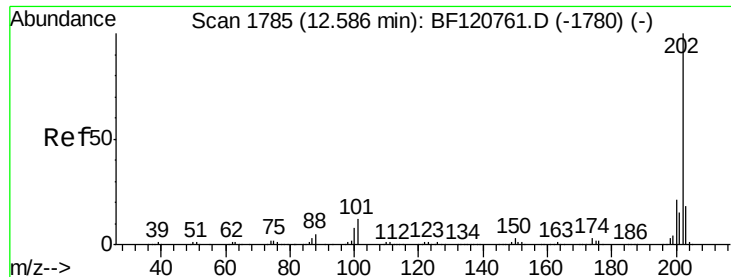
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#74
 Di-n-butylphthalate
 Concen: 2.571 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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





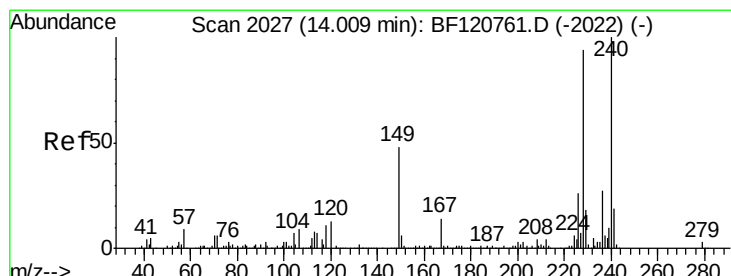
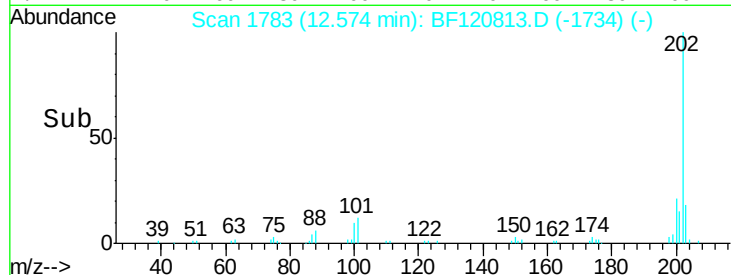
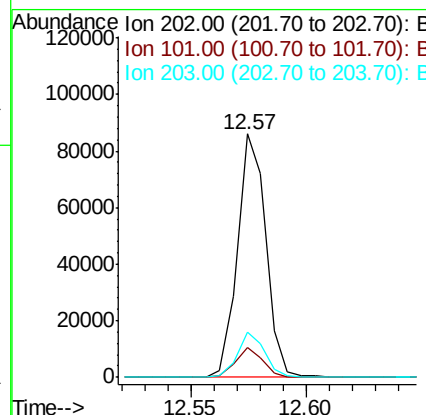
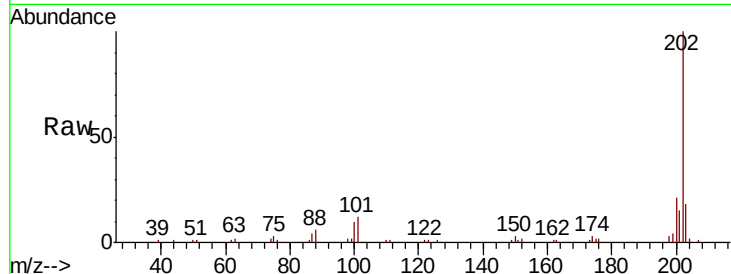
#75
Fluoranthene
Concen: 3.023 ng
RT: 12.57 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

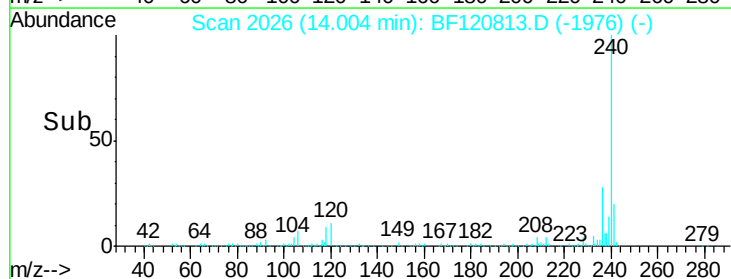
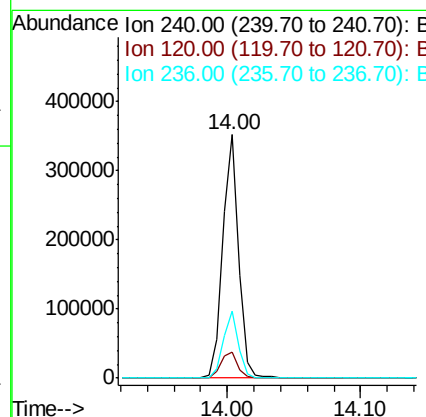
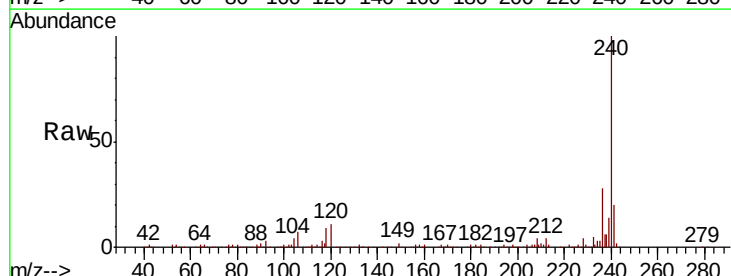
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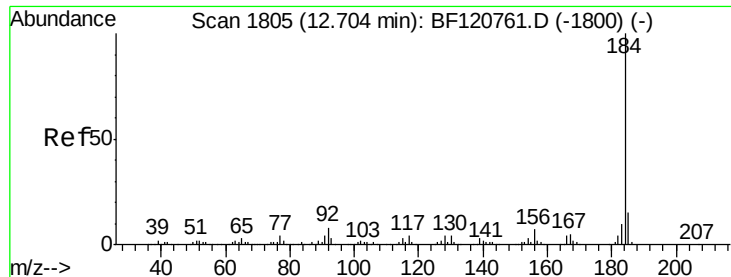
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





#77

Benzidine

Concen: 2.800 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

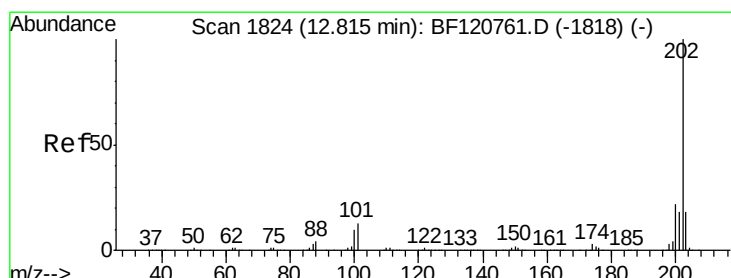
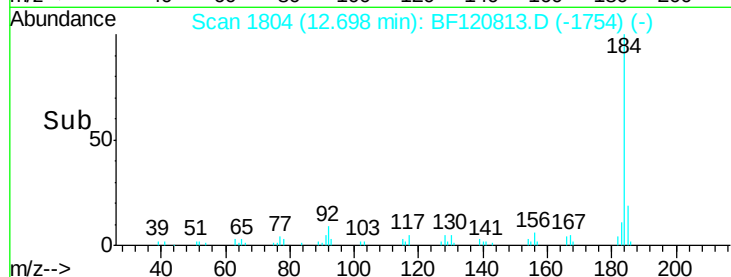
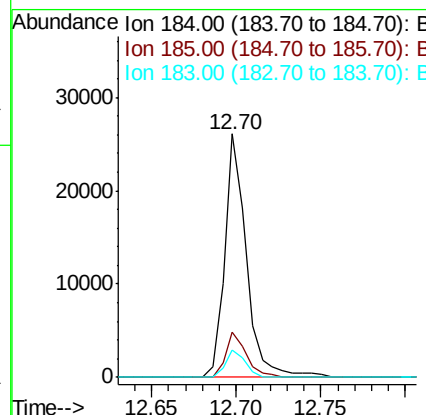
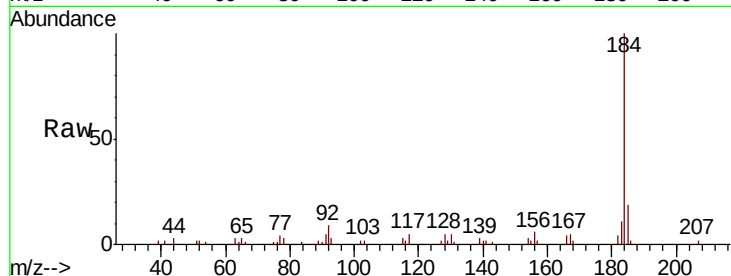
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.8	17.8#
183	11.1	8.3	12.5

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#78

Pyrene

Concen: 3.369 ng

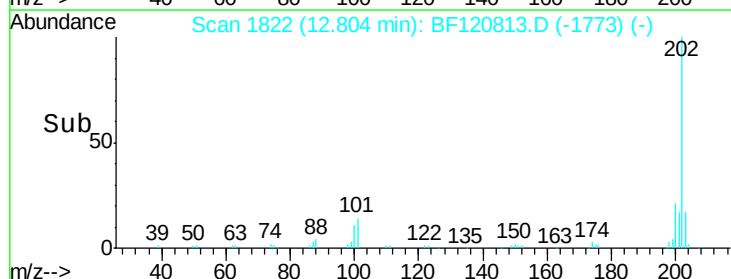
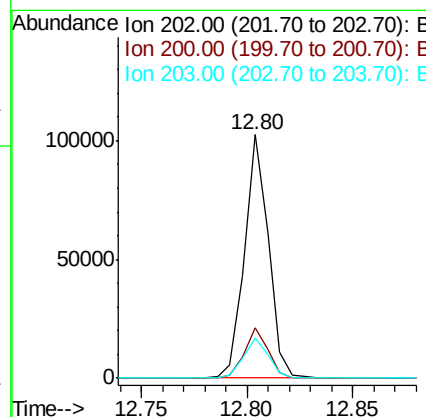
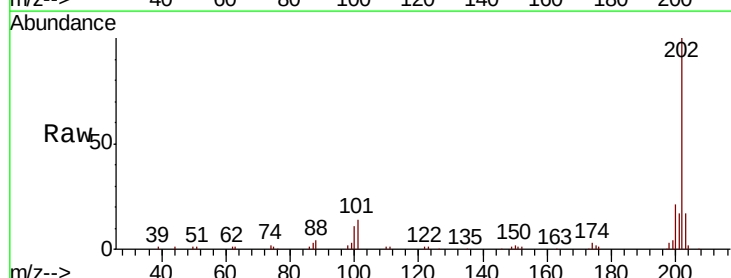
RT: 12.80 min Scan# 1822

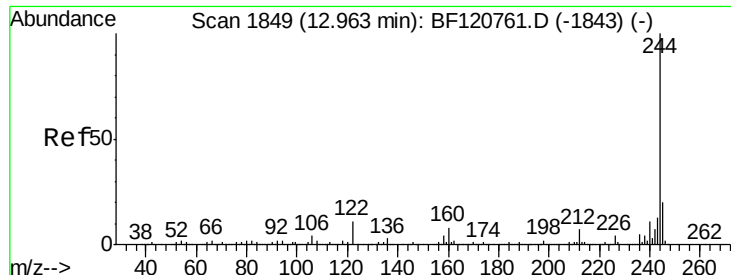
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	16.7	14.6	22.0





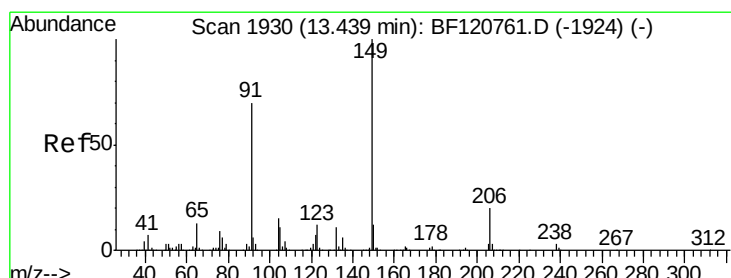
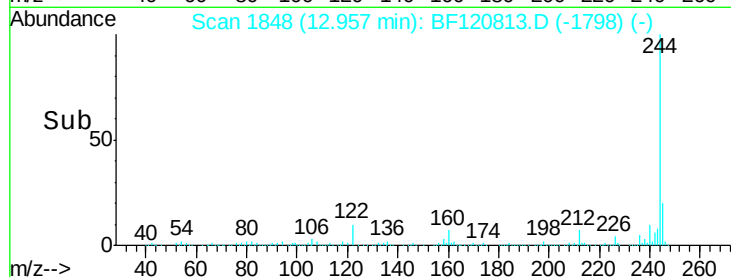
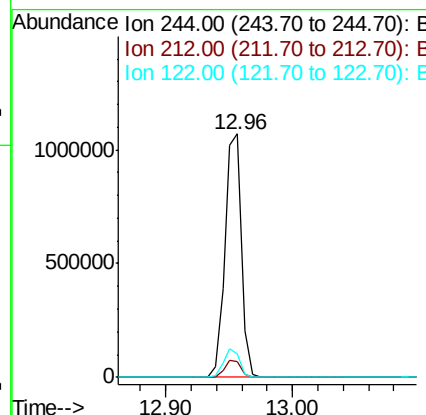
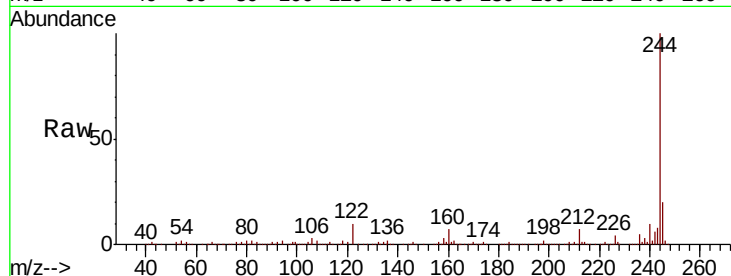
#79
 Terphenyl-d14
 Concen: 64.369 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.6	8.4
122	9.7	9.0	13.4

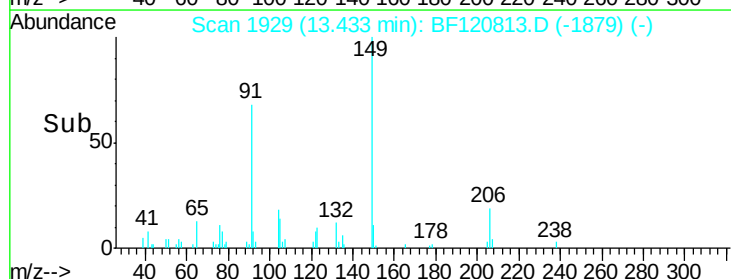
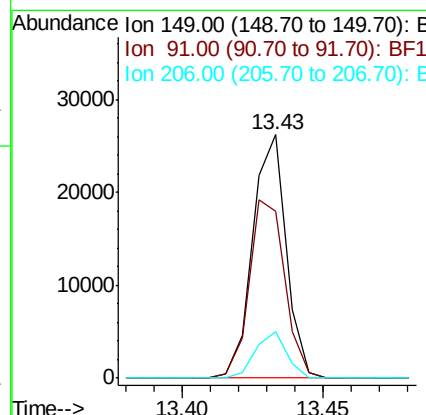
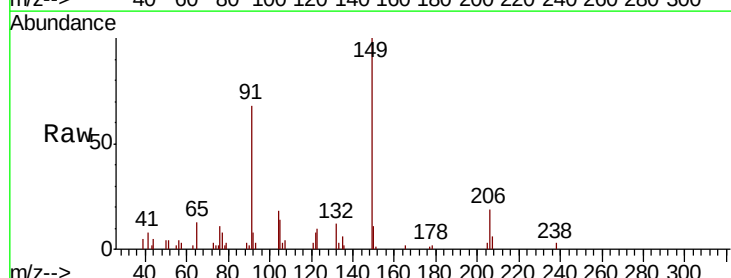
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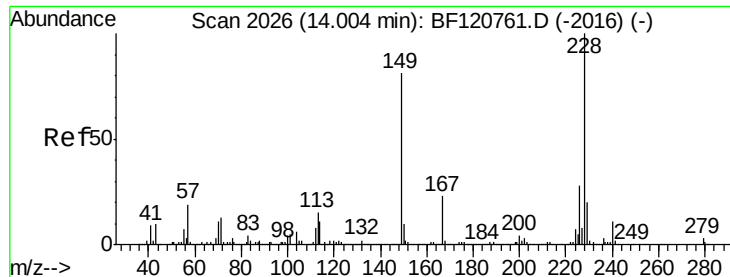
mohammad
 7/10/2020 11:49:36 AM



#80
 Butylbenzylphthalate
 Concen: 2.109 ng
 RT: 13.43 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	68.3	55.8	83.8
206	19.1	15.7	23.5





#81

Benzo(a)anthracene

Concen: 3.384 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

Instrument :

BNA_F

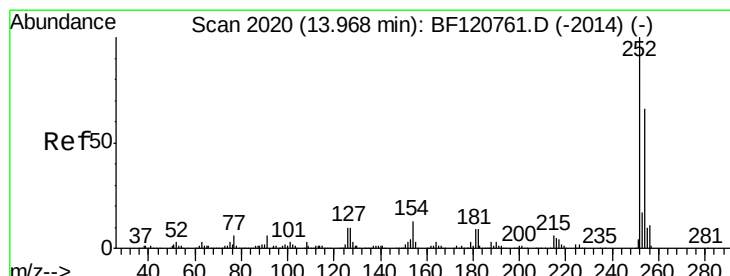
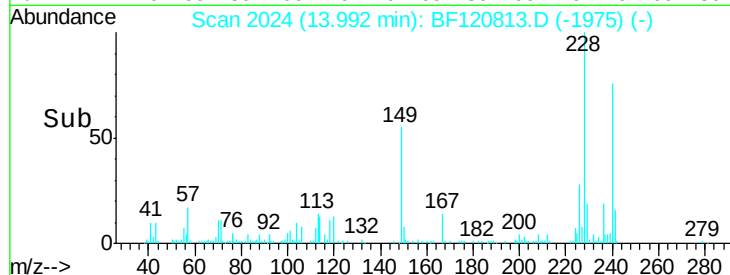
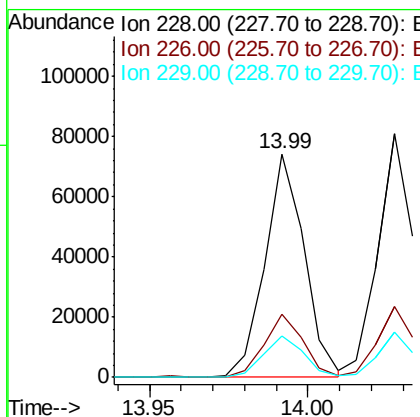
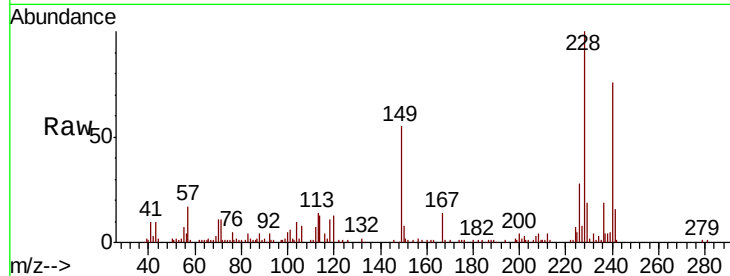
ClientSampleId :

LOD-MDL-WATER-01-QT3-2020

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

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#82

3,3'-Dichlorobenzidine

Concen: 2.503 ng

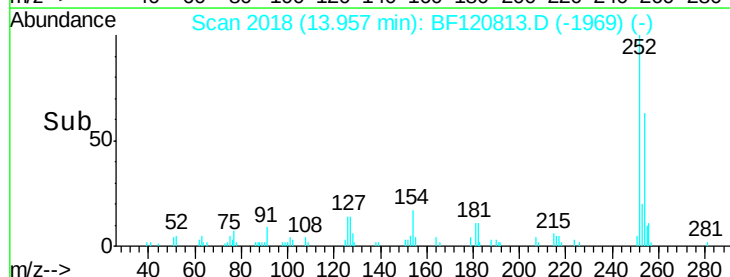
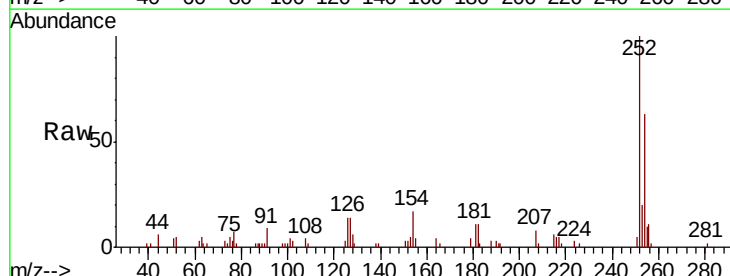
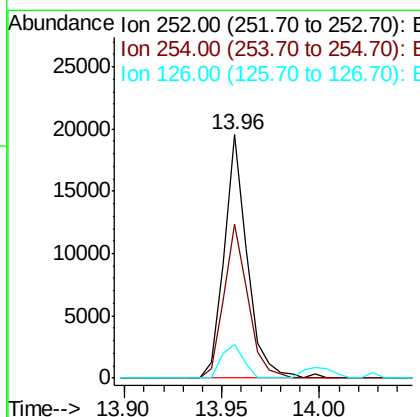
RT: 13.96 min Scan# 2018

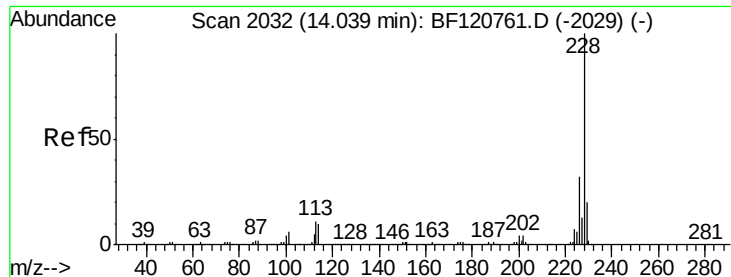
Delta R.T. -0.01 min

Lab File: BF120813.D

Acq: 9 Jul 2020 12:32

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





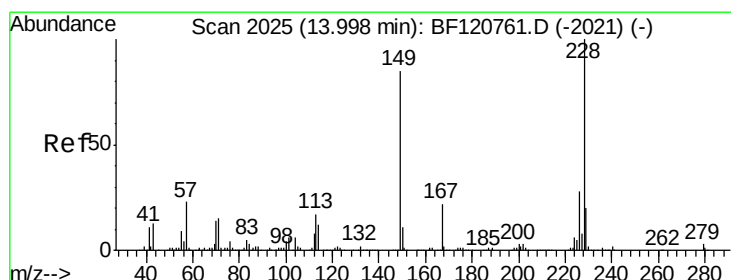
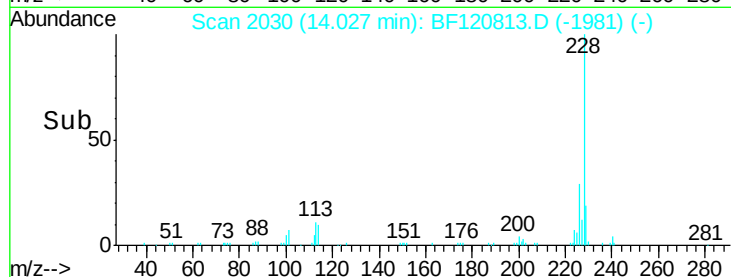
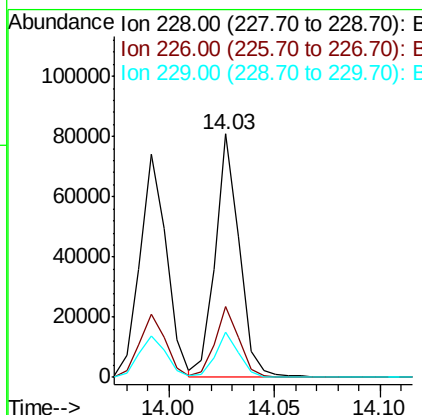
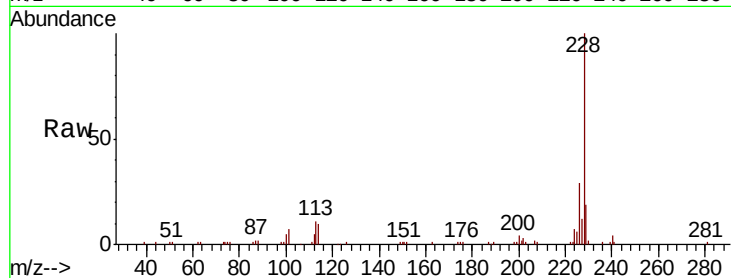
#83
Chrysene
Concen: 3.326 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

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

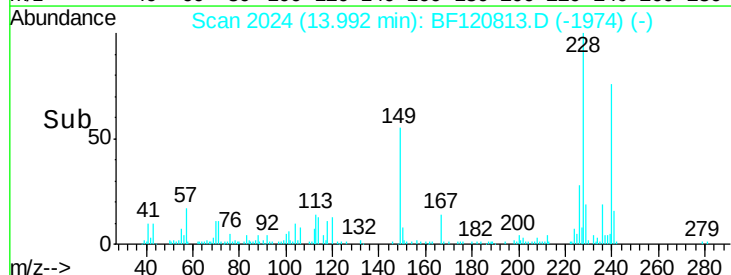
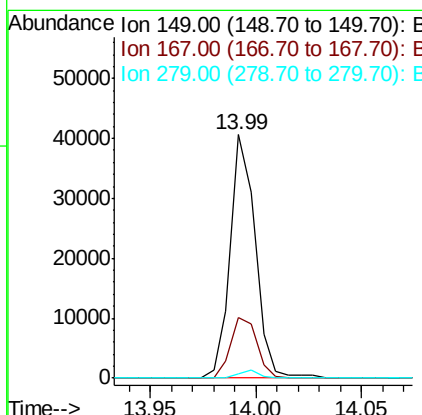
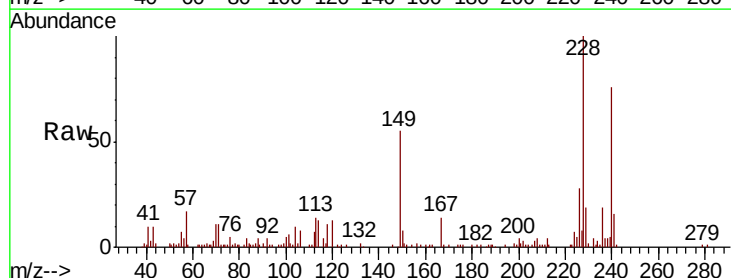
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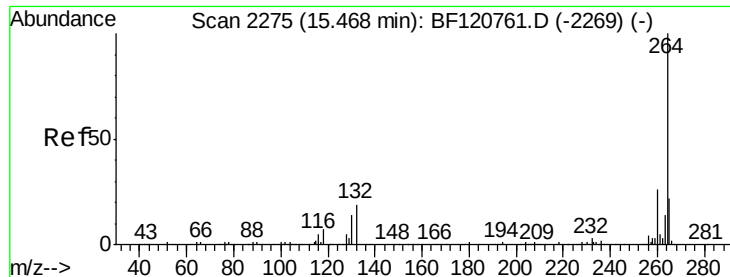
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.477 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





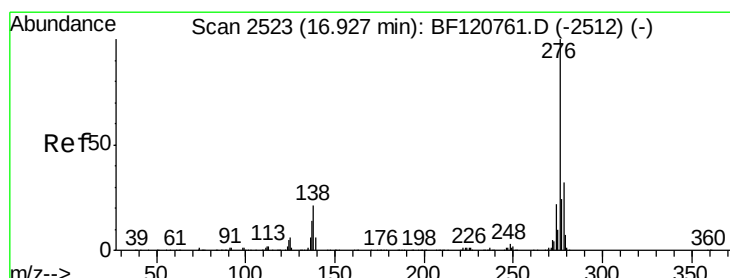
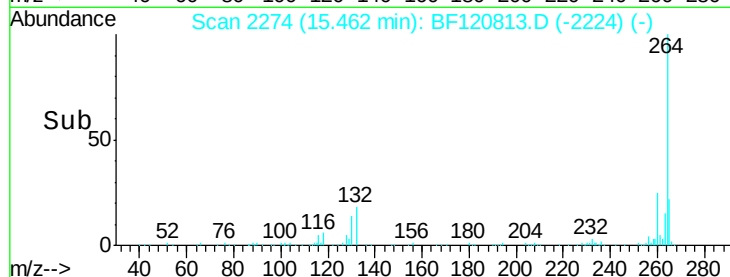
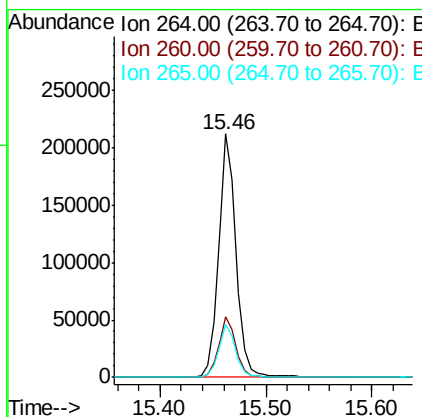
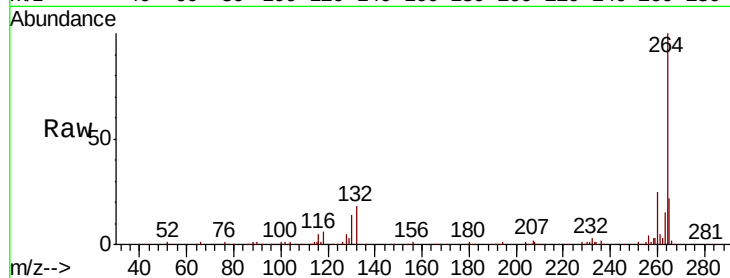
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.6	30.8
265	21.8	17.6	26.4

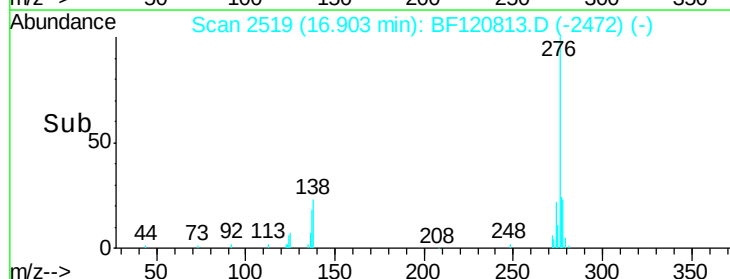
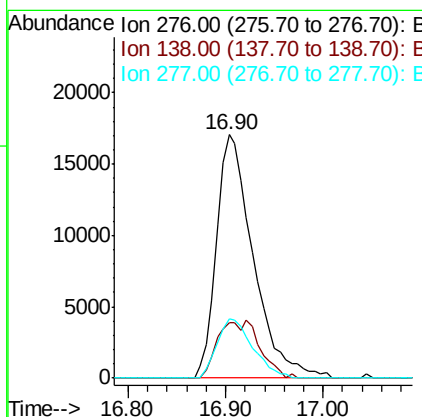
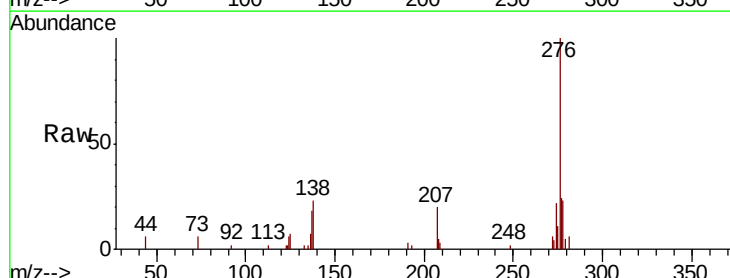
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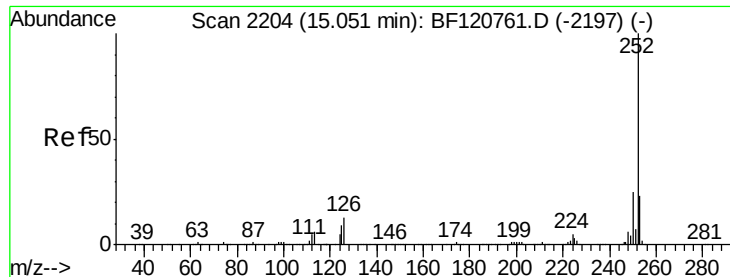
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#87
Indeno(1,2,3-cd)pyrene
Concen: 2.808 ng
RT: 16.90 min Scan# 2519
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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





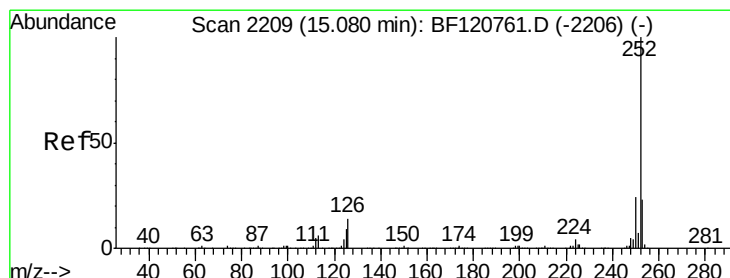
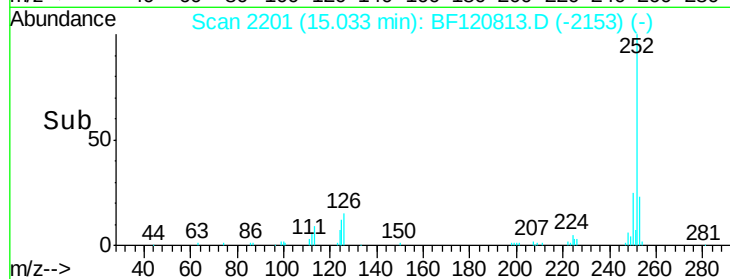
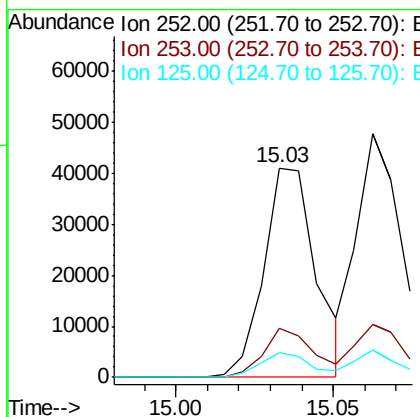
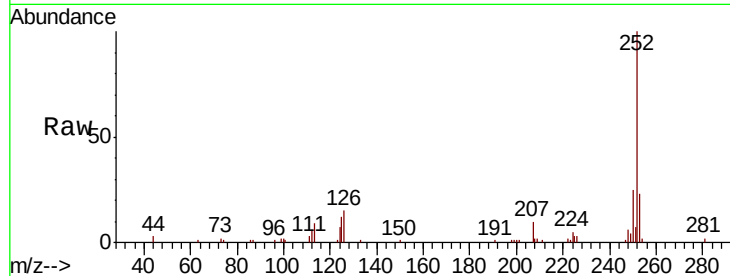
#88
Benzo(b)fluoranthene
Concen: 2.907 ng/mL
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	11.8	7.5	11.3

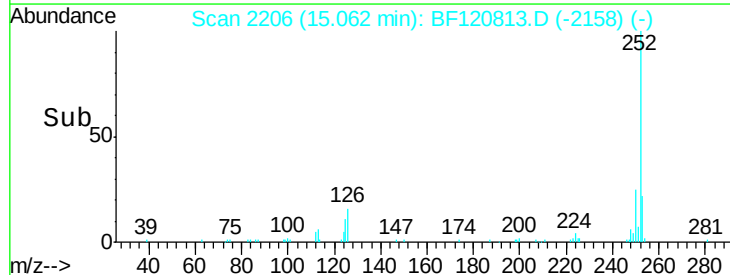
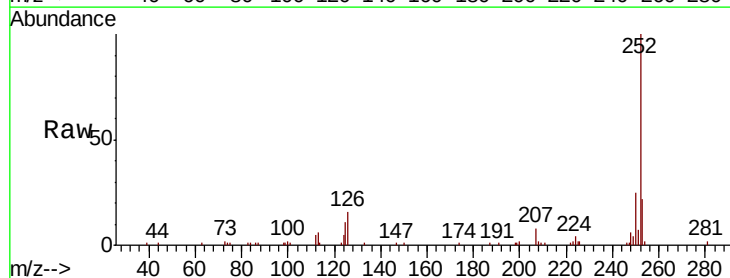
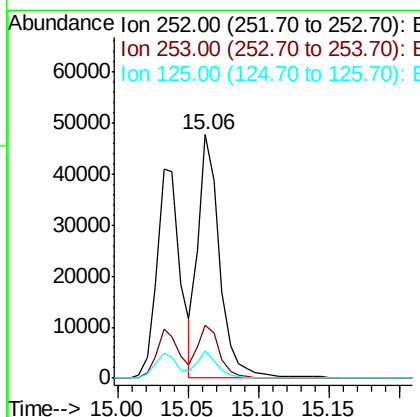
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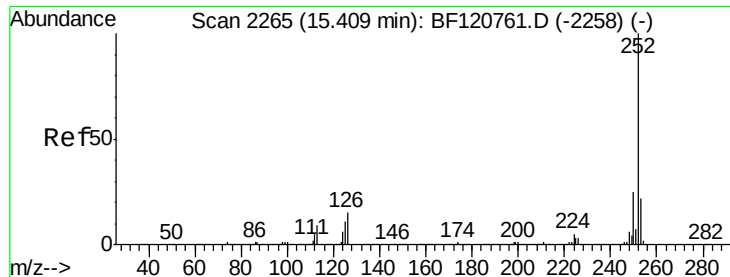
mohammad
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#89
Benzo(k)fluoranthene
Concen: 3.205 ng/mL
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.9	26.9
125	11.0	7.6	11.4





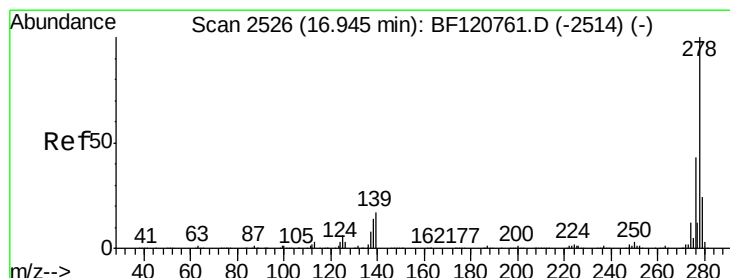
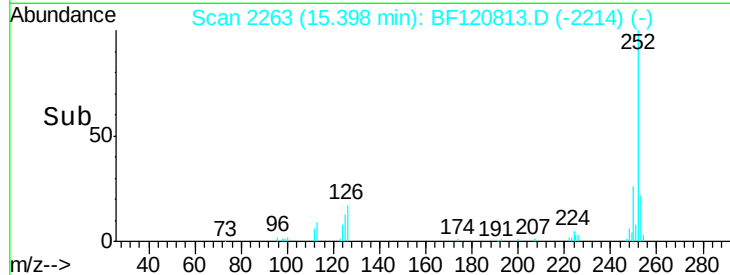
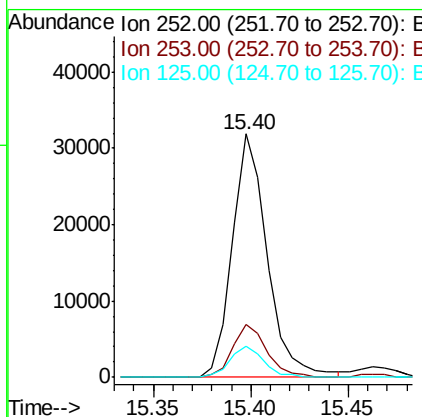
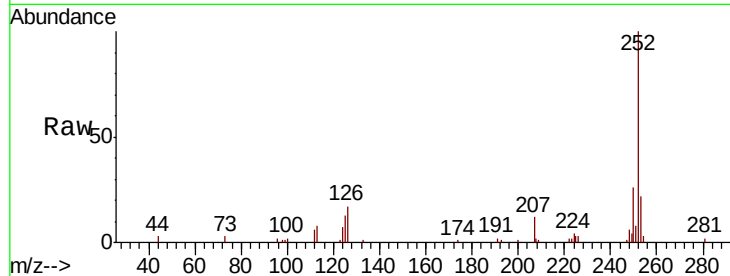
#90
Benzo(a)pyrene
Concen: 2.737 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.0
125	12.5	9.2	13.8

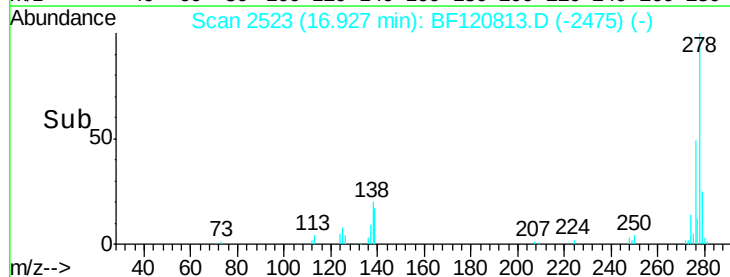
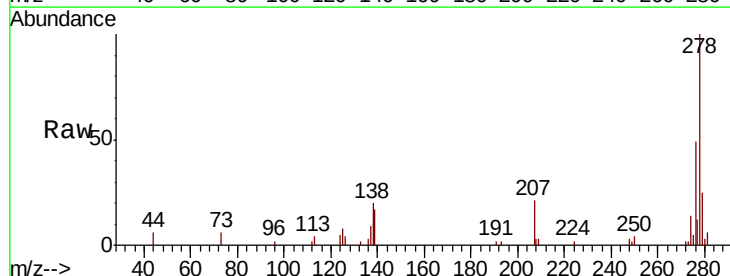
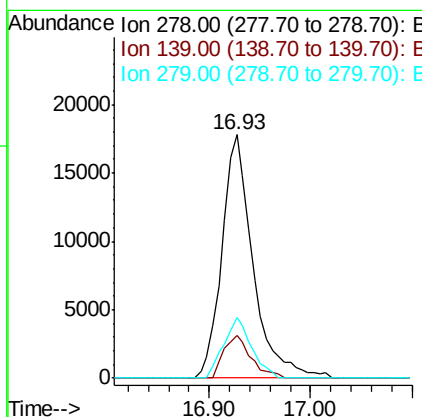
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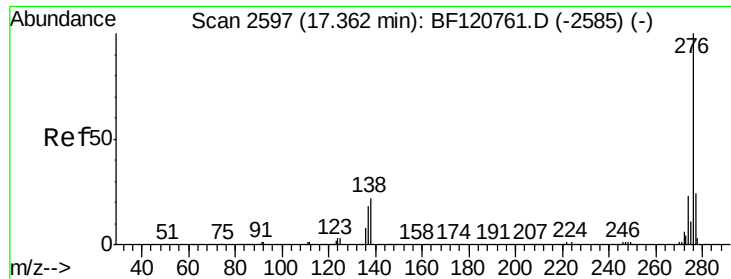
mohammad
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#91
Dibenzo(a,h)anthracene
Concen: 2.860 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120813.D
Acq: 9 Jul 2020 12:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.4	13.3	19.9
279	24.6	19.0	28.6





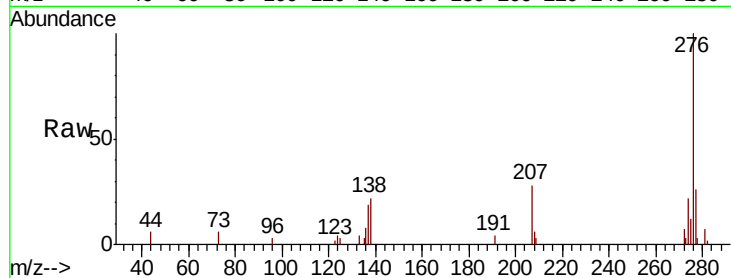
#92
 Benzo(a,h,i)perylene
 Concen: 3.058 ng
 RT: 17.34 min Scan# 2593
 Delta R.T. -0.02 min
 Lab File: BF120813.D
 Acq: 9 Jul 2020 12:32

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

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

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

