

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120602.D
 Acq On : 11 Jun 2020 14:58
 Operator : JU/CG
 Sample : L1161-07
 Misc : LOD-MDL-WTR-5PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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mohammad
 6/15/2020 8:42:52 AM

Quant Time: Jun 11 15:44:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 11 14:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	140846	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	518495	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	274306	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	528617	20.00	ng	0.00
76) Chrysene-d12	13.95	240	420630	20.00	ng	-0.01
86) Perylene-d12	15.39	264	487022	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1161061	141.33	ng	0.00
7) Phenol-d6	6.43	99	1460366	142.72	ng	0.00
23) Nitrobenzene-d5	7.36	82	929964	100.26	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	455004	142.67	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1696997	94.65	ng	0.00
79) Terphenyl-d14	12.90	244	1930461	101.38	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	20794	5.341	ng	96
3) Pyridine	3.29	79	39078	3.570	ng	94
4) n-Nitrosodimethylamine	3.15	42	20875	4.596	ng	# 93
6) Aniline	6.46	93	67533	5.157	ng	99
8) 2-Chlorophenol	6.58	128	45051	4.853	ng	91
9) Benzaldehyde	6.35	77	38627	5.968	ng	92
10) Phenol	6.45	94	58943	5.399	ng	93
11) bis(2-Chloroethyl)ether	6.53	93	44346	4.877	ng	96
12) 1,3-Dichlorobenzene	6.74	146	49277	4.993	ng	98
13) 1,4-Dichlorobenzene	6.82	146	50877	5.225	ng	100
14) 1,2-Dichlorobenzene	6.97	146	46790	4.933	ng	99
15) Benzyl Alcohol	6.93	79	45543	6.276	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	65605	5.011	ng	99
17) 2-Methylphenol	7.05	107	36049	4.553	ng	97
18) Hexachloroethane	7.31	117	18256	5.088	ng	92
19) n-Nitroso-di-n-propylamine	7.20	70	32298	5.442	ng	96
20) 3+4-Methylphenols	7.20	107	45957	4.645	ng	# 69
22) Acetophenone	7.20	105	67549	5.827	ng	96
24) Nitrobenzene	7.38	77	50472	5.200	ng	95
25) Isophorone	7.62	82	85984	4.759	ng	99
26) 2-Nitrophenol	7.69	139	21198	4.128	ng	99
27) 2,4-Dimethylphenol	7.73	122	24227	3.204	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	55707	5.319	ng	99
29) 2,4-Dichlorophenol	7.94	162	35693	4.644	ng	99
30) 1,2,4-Trichlorobenzene	8.02	180	42735	5.017	ng	99
31) Naphthalene	8.10	128	138873	5.455	ng	99
32) Benzoic acid	7.79	122	9537m	1.644	ng	
33) 4-Chloroaniline	8.15	127	54959	4.703	ng	99
34) Hexachlorobutadiene	8.22	225	24276	4.889	ng	99
35) Caprolactam	8.47	113	12039	4.897	ng	# 82
36) 4-Chloro-3-methylphenol	8.63	107	36949	4.812	ng	99
37) 2-Methylnaphthalene	8.79	142	92691	5.577	ng	99
38) 1-Methylnaphthalene	8.89	142	86755	5.547	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	43305	5.287	ng	99

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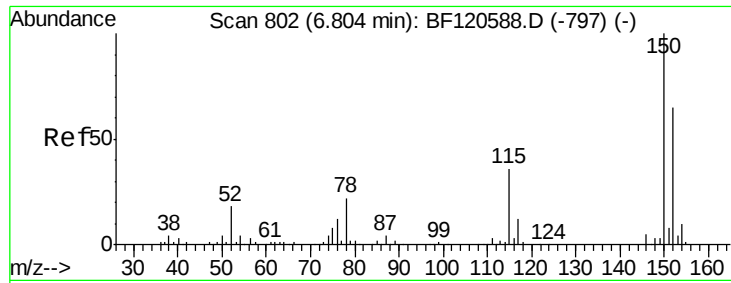
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	14734	3.210	ng	99
43) 2,4,6-Trichlorophenol	9.07	196	25521	4.393	ng	99
44) 2,4,5-Trichlorophenol	9.11	196	26444	4.012	ng	95
46) 1,1'-Biphenyl	9.26	154	118756	5.798	ng	98
47) 2-Chloronaphthalene	9.28	162	86165	5.144	ng	99
48) 2-Nitroaniline	9.37	65	22646	4.305	ng	# 85
49) Acenaphthylene	9.69	152	139208	5.385	ng	98
50) Dimethylphthalate	9.55	163	97466	4.934	ng	99
51) 2,6-Dinitrotoluene	9.61	165	19575	4.372	ng	91
52) Acenaphthene	9.86	154	81790	5.305	ng	99
53) 3-Nitroaniline	9.78	138	21377	3.975	ng	99
54) 2,4-Dinitrophenol	9.89	184	4126	1.719	ng	92
55) Dibenzofuran	10.03	168	129269	5.468	ng	98
56) 4-Nitrophenol	9.95	139	13976	3.451	ng	97
57) 2,4-Dinitrotoluene	10.02	165	24075	4.052	ng	94
58) Fluorene	10.38	166	97236	5.336	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	21731	4.190	ng	98
60) Diethylphthalate	10.25	149	98073	5.040	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	49543	5.265	ng	93
62) 4-Nitroaniline	10.39	138	21655	4.056	ng	98
63) Azobenzene	10.53	77	94752	5.365	ng	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	8784	2.769	ng	88
66) n-Nitrosodiphenylamine	10.49	169	83158	5.123	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	27971	4.662	ng	92
68) Hexachlorobenzene	10.93	284	32586	5.052	ng	97
69) Atrazine	11.01	200	27288	5.432	ng	99
70) Pentachlorophenol	11.12	266	9294	2.592	ng	94
71) Phenanthrene	11.34	178	141910	5.400	ng	99
72) Anthracene	11.39	178	144550	5.457	ng	99
73) Carbazole	11.55	167	128089	4.885	ng	99
74) Di-n-butylphthalate	11.88	149	152038	5.158	ng	99
75) Fluoranthene	12.53	202	153695	5.116	ng	97
77) Benzidine	12.65	184	78019	5.484	ng	# 93
78) Pyrene	12.76	202	160307	5.380	ng	98
80) Butylbenzylphthalate	13.37	149	60720	4.589	ng	98
81) Benzo(a)anthracene	13.94	228	148224	5.865	ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	54468	5.643	ng	# 97
83) Chrysene	13.98	228	143594	5.539	ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	90634	5.613	ng	99
85) Di-n-octyl phthalate	14.54	149	149443	4.849	ng	99
87) Indeno(1,2,3-cd)pyrene	16.80	276	156965	5.298	ng	98
88) Benzo(b)fluoranthene	14.97	252	133869	4.614	ng	99
89) Benzo(k)fluoranthene	15.00	252	141266	5.503	ng	98
90) Benzo(a)pyrene	15.33	252	122238	4.708	ng	100
91) Dibenzo(a,h)anthracene	16.82	278	131711	5.544	ng	98
92) Benzo(g,h,i)perylene	17.23	276	130864	5.465	ng	98

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



#1

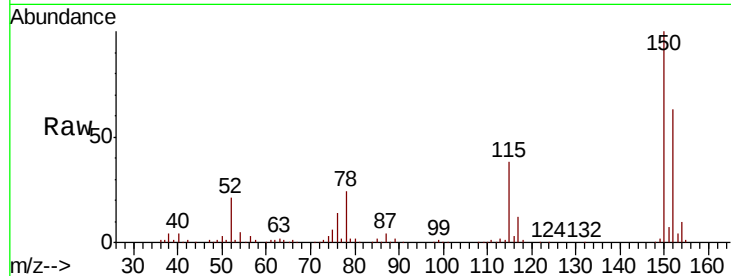
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	123.2	184.8
115	59.9	43.9	65.9

Manual Integrations
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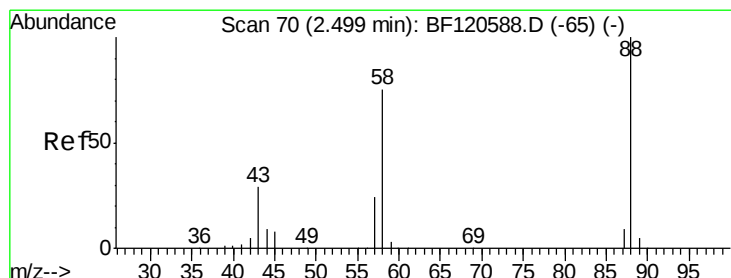
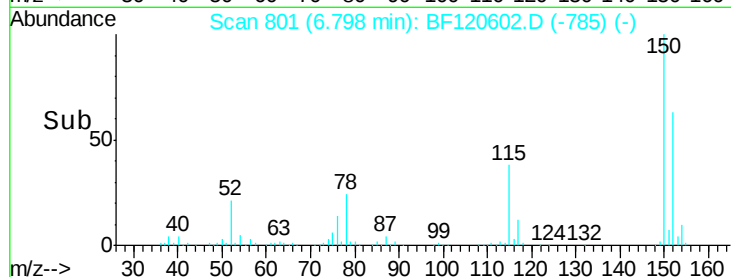
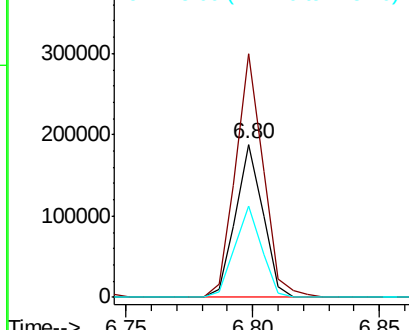


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

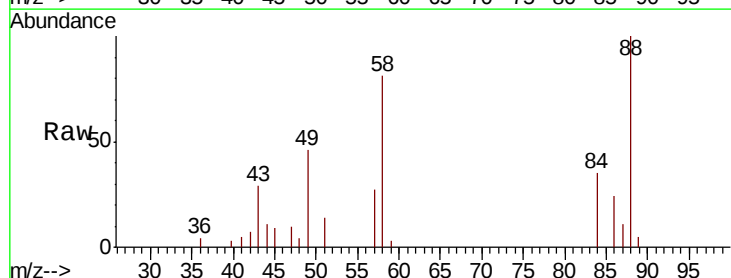
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 5.341 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.5	59.6	89.4
43	27.0	23.1	34.7

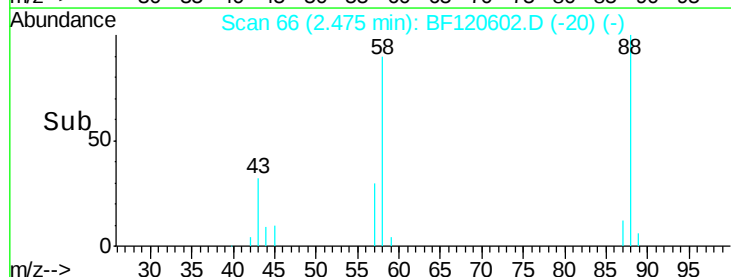
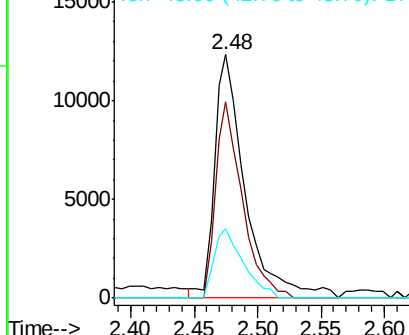


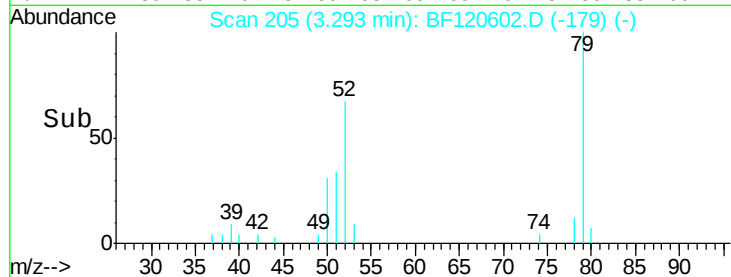
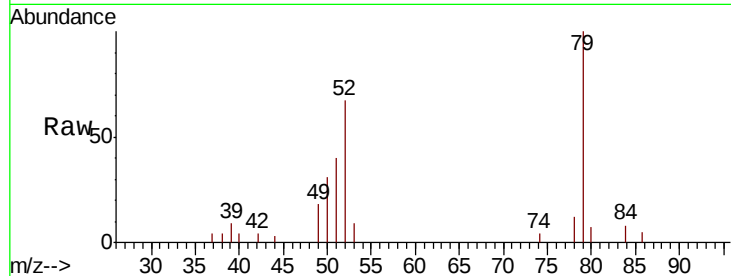
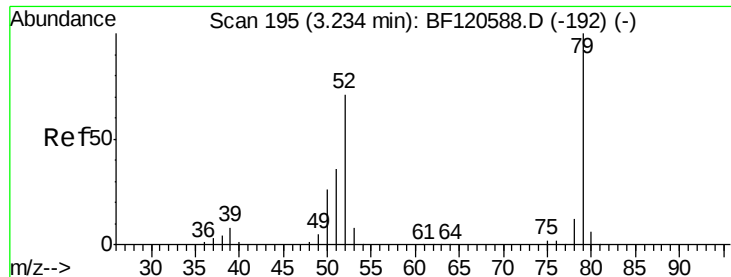
Abundance

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





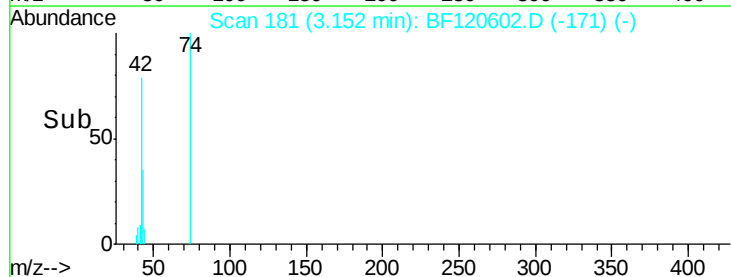
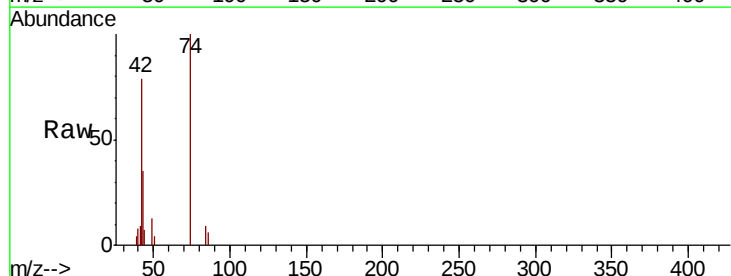
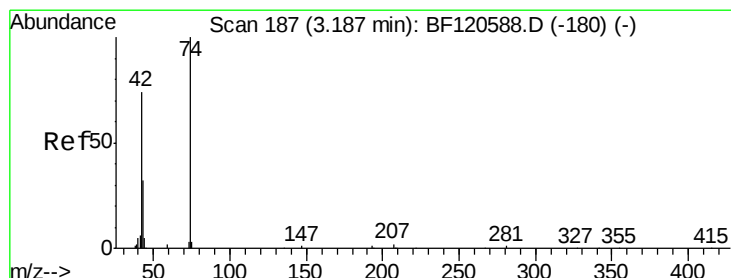
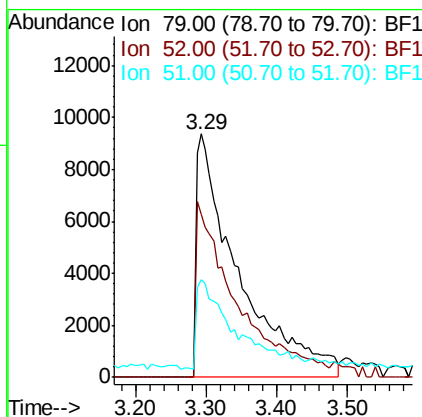
#3
Pvridine
Concen: 3.570 ng
RT: 3.29 min Scan# 205
Delta R.T. 0.05 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tot Ion	Ratio	Lower	Upper
79	100		
52	67.0	57.0	85.6
51	40.0	28.5	42.7

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

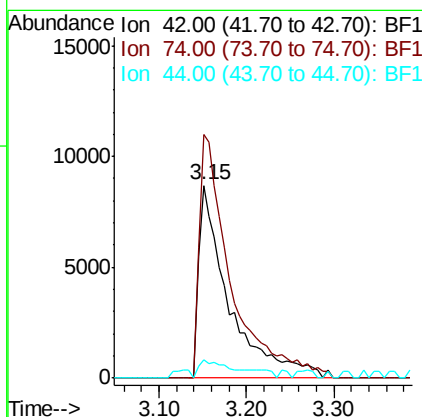
Manual Integrations
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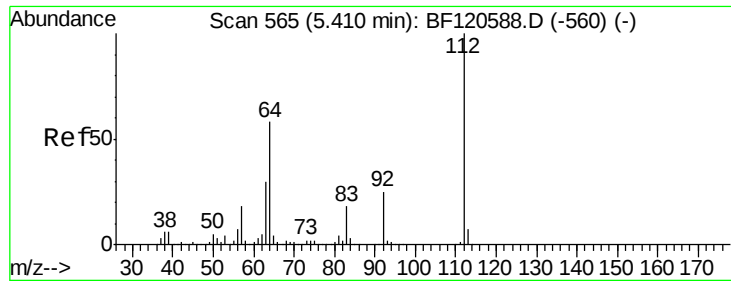
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#4
n-Nitrosodimethylamine
Concen: 4.596 ng
RT: 3.15 min Scan# 181
Delta R.T. -0.04 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.5	107.8	161.6
44	9.4	5.1	7.7





#5

2-Fluorophenol

Concen: 141.331 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 112 Resp: 1161061

Ion Ratio Lower Upper

112 100

64 56.2 46.1 69.1

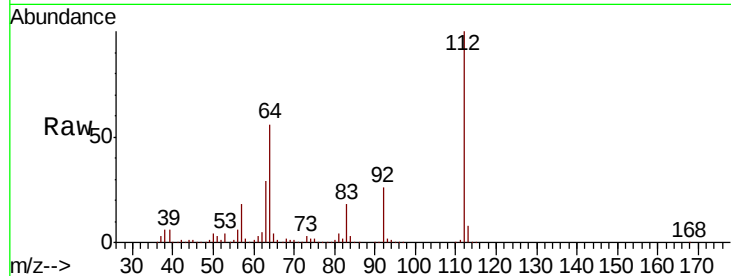
63 29.2 23.7 35.5

Manual Integrations

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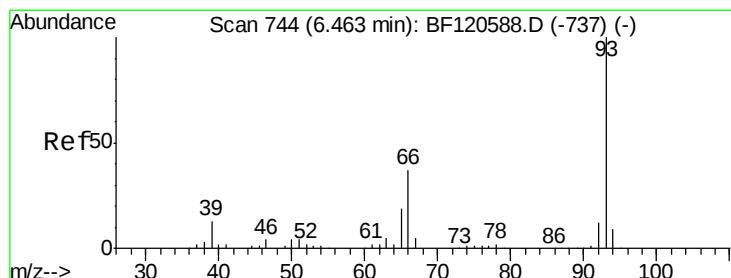
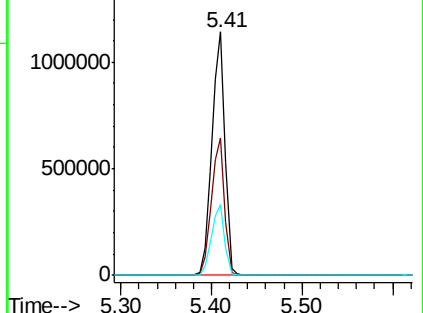
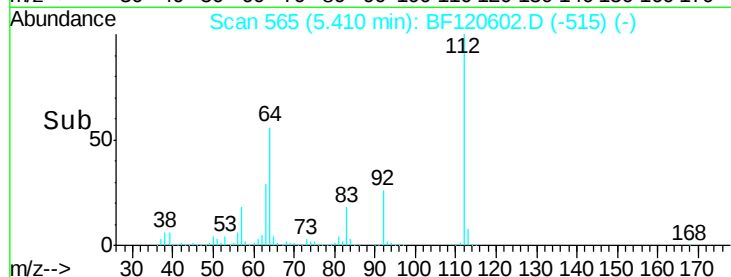
6/15/2020 8:42:52 AM



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 5.157 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.00 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

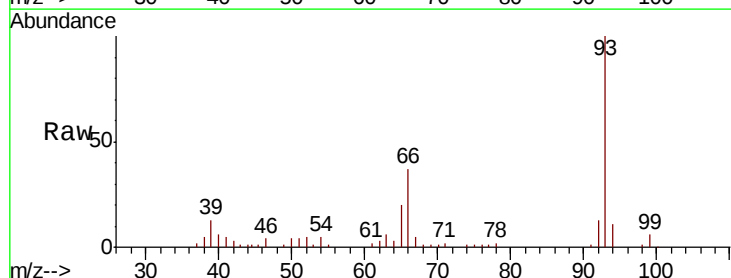
Tgt Ion: 93 Resp: 67533

Ion Ratio Lower Upper

93 100

66 37.5 30.9 46.3

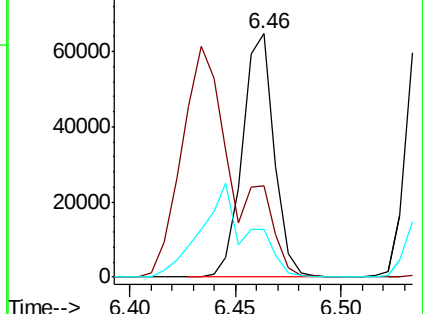
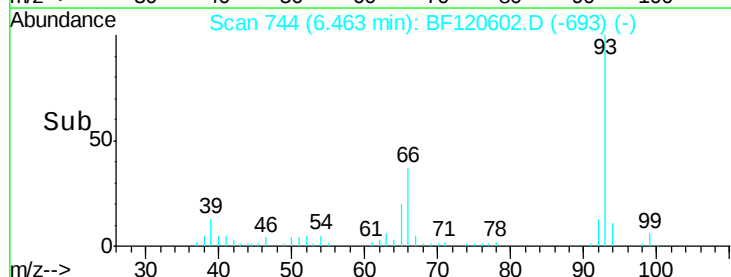
65 19.7 15.9 23.9

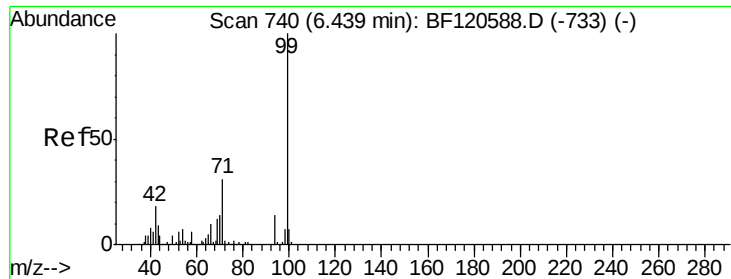


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 142.725 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 99 Resp: 1460366

Ion Ratio Lower Upper

99 100

42 18.9 14.0 21.0

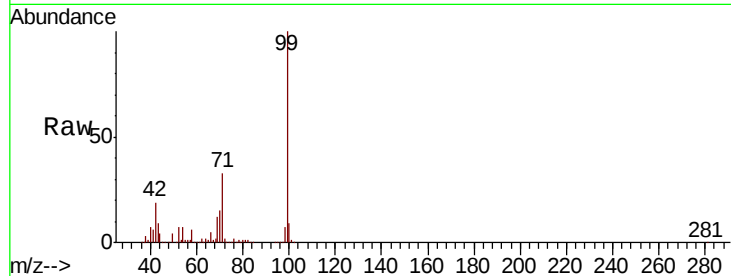
71 32.6 24.9 37.3

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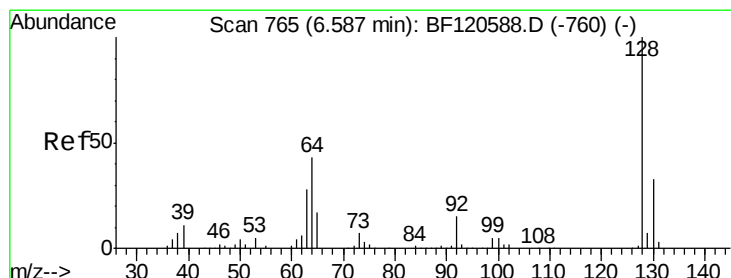
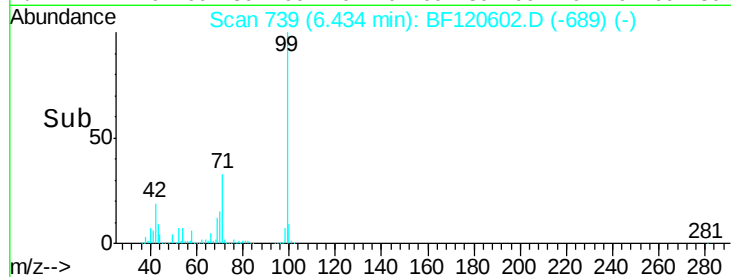
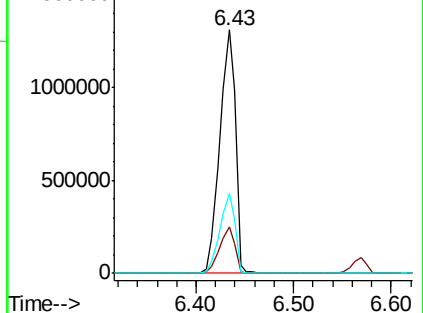
6/15/2020 8:42:52 AM



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: 4.853 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

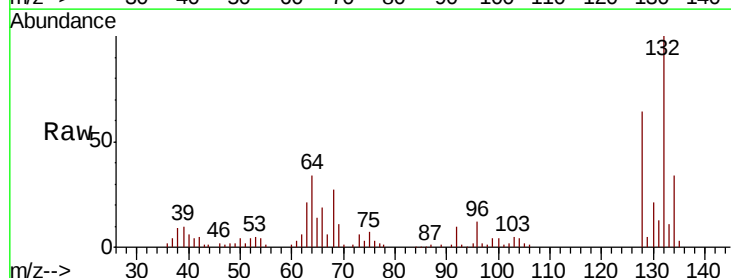
Tgt Ion: 128 Resp: 45051

Ion Ratio Lower Upper

128 100

130 32.0 12.6 52.6

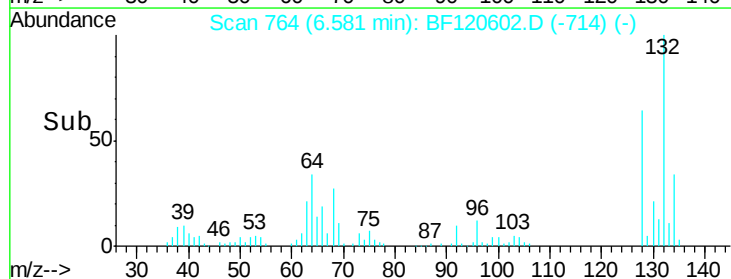
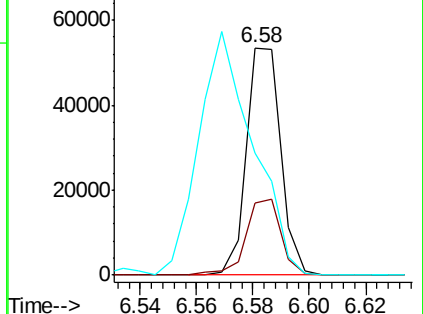
64 53.7 24.3 64.3

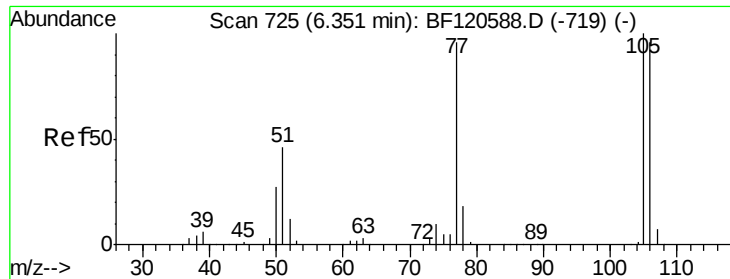


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





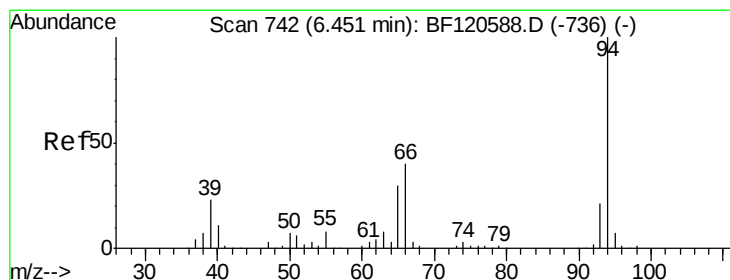
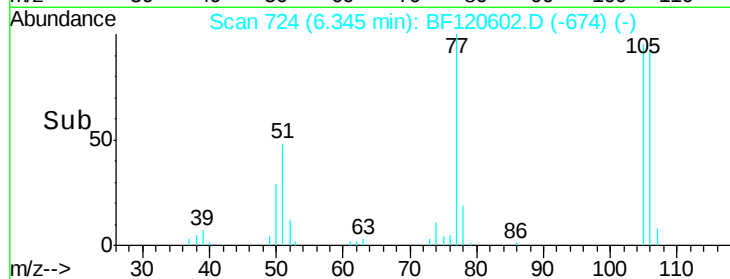
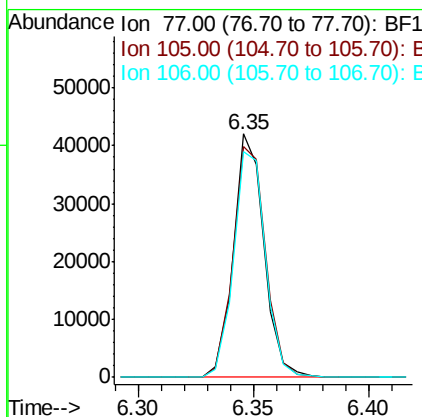
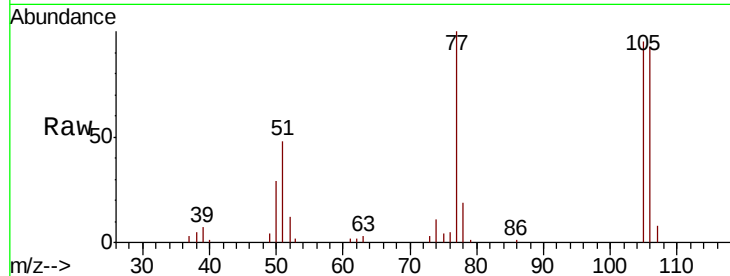
#9
Benzaldehyde
Concen: 5.968 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	94.6	83.8	123.8
106	92.7	79.3	119.3

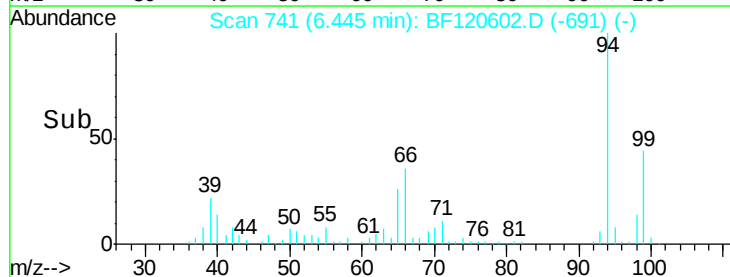
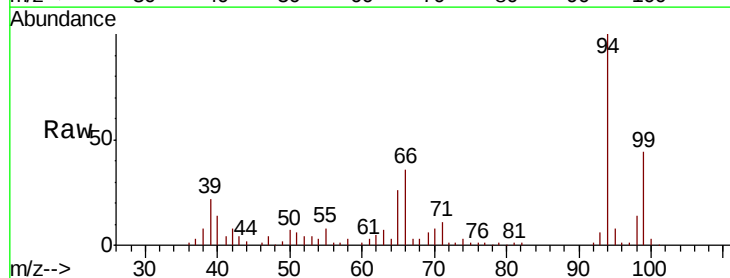
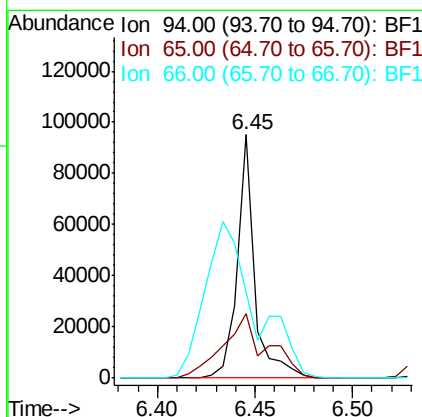
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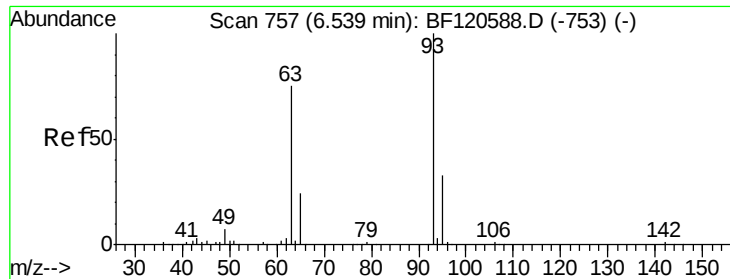
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#10
Phenol
Concen: 5.399 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.3	9.9	49.9
66	35.5	20.1	60.1





#11

bis(2-Chloroethyl)ether

Concen: 4.877 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

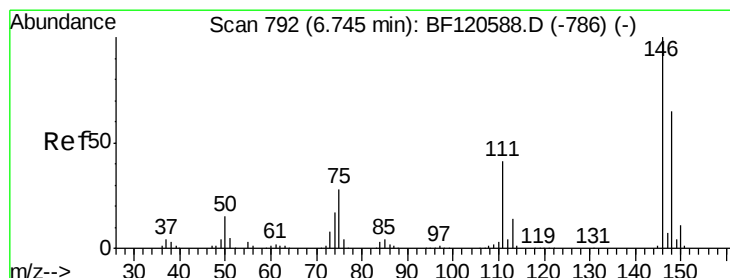
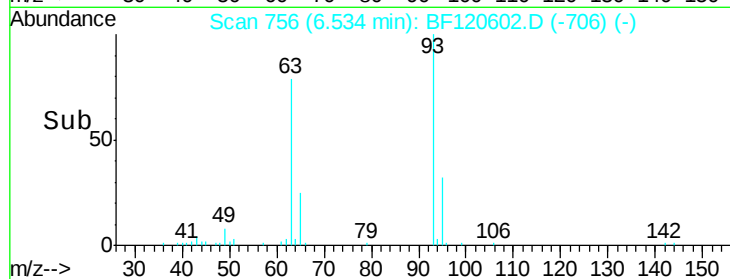
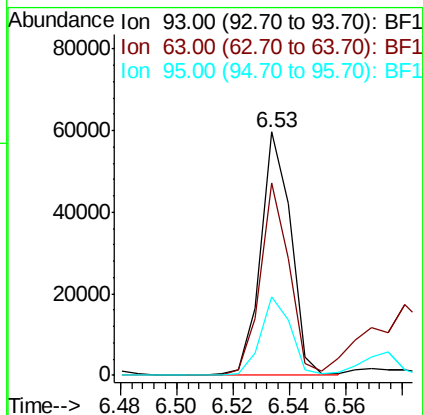
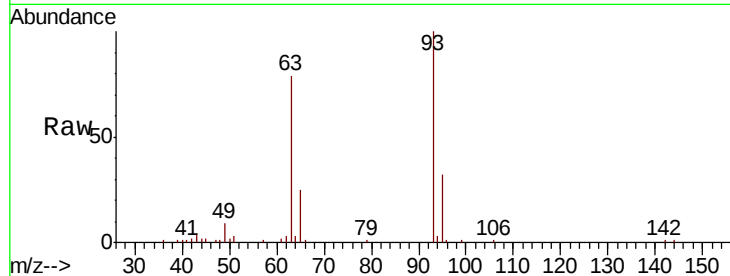
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	93	Resp:	44346
Ion	Ratio	Lower	Upper
93	100		
63	79.2	54.4	94.4
95	32.3	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 4.993 ng

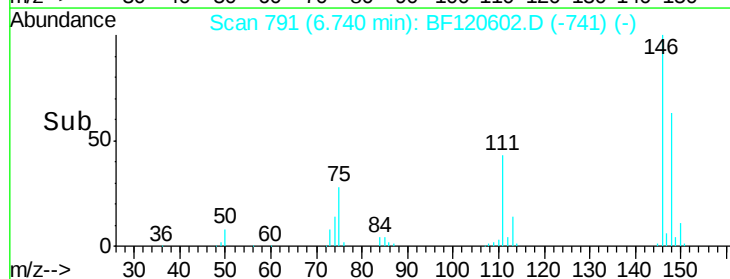
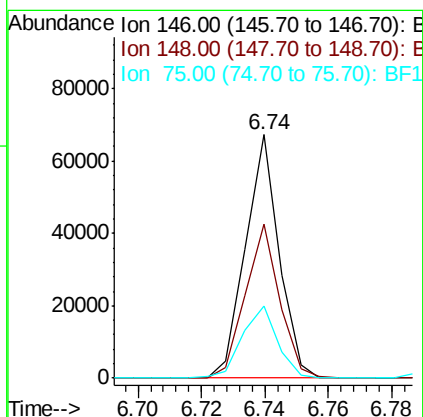
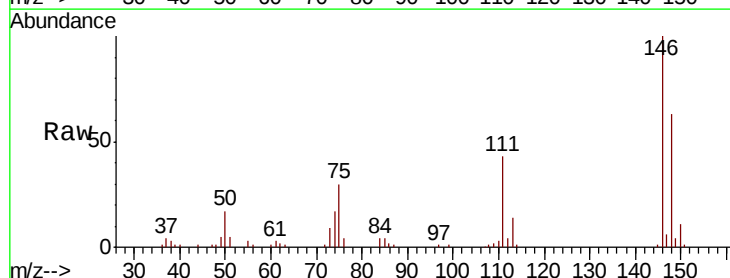
RT: 6.74 min Scan# 791

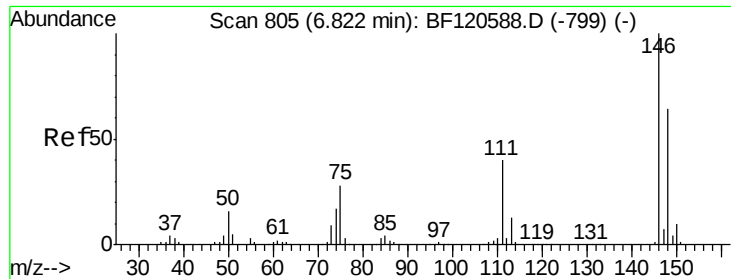
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:	146	Resp:	49277
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.8	77.6
75	29.7	22.2	33.4





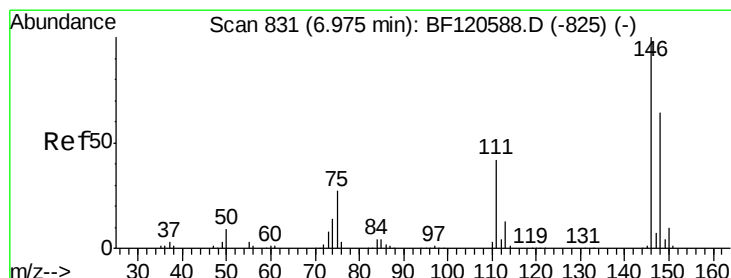
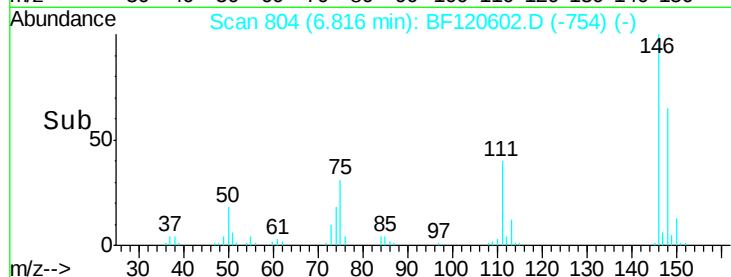
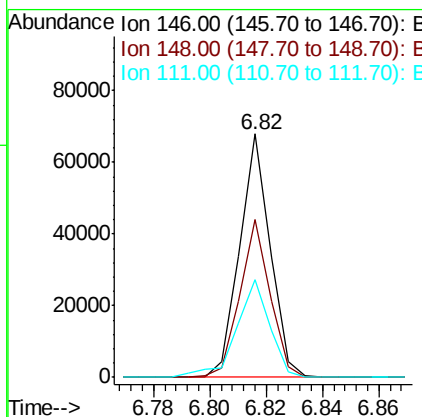
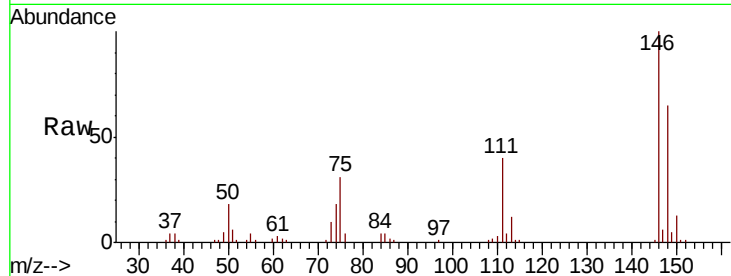
#13
1,4-Dichlorobenzene
Concen: 5.225 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.5	77.3
111	40.4	32.2	48.4

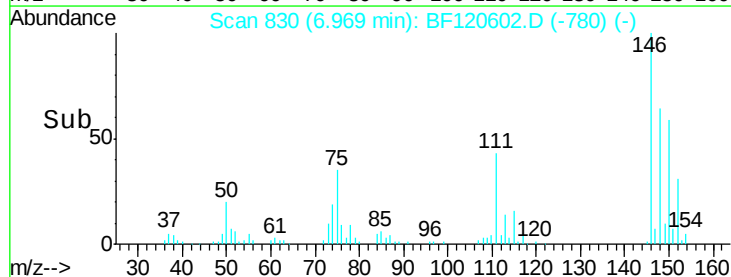
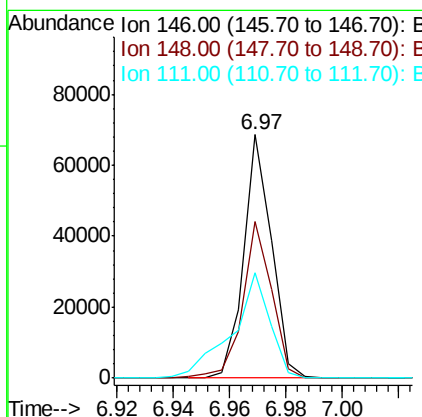
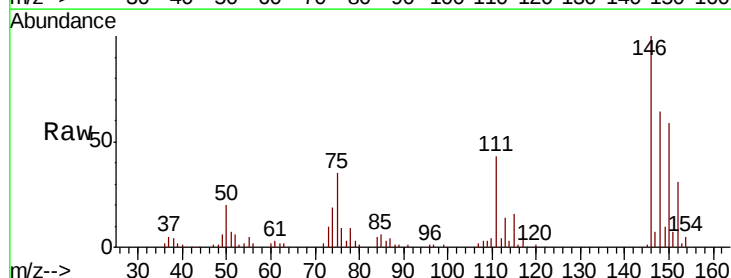
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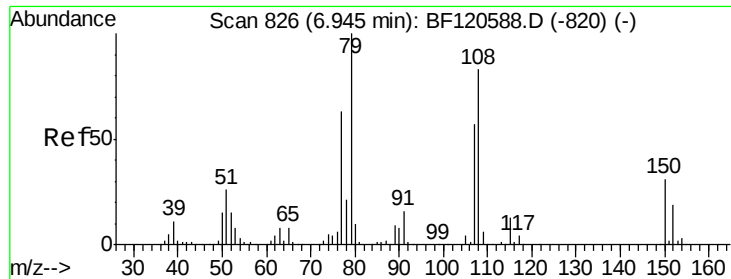
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#14
1,2-Dichlorobenzene
Concen: 4.933 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
111	43.2	33.6	50.4





#15

Benzyl Alcohol

Concen: 6.276 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

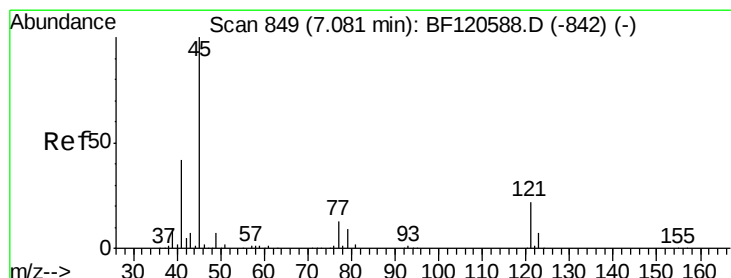
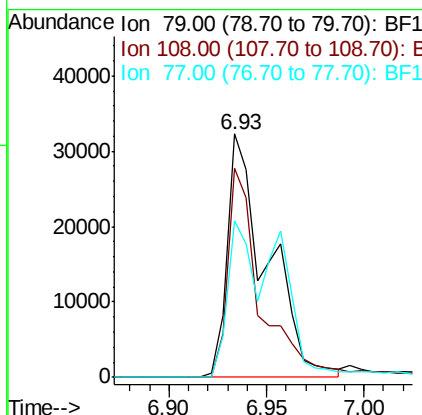
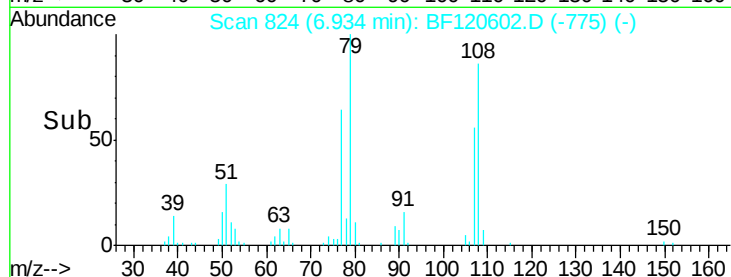
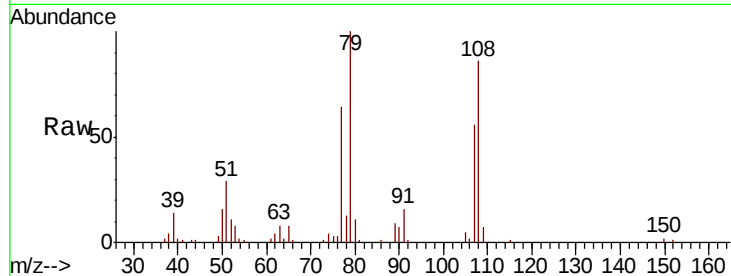
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	79	Resp:	45543
Ion Ratio	Lower	Upper	
79	100		
108	86.0	66.8	100.2
77	64.2	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 5.011 ng

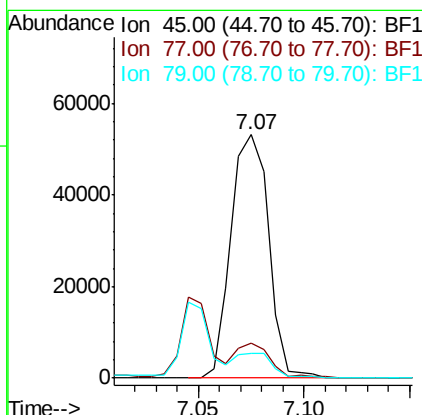
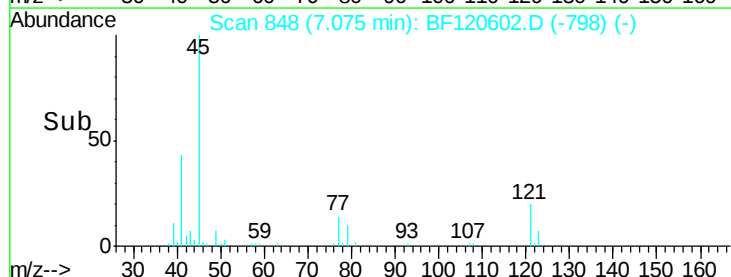
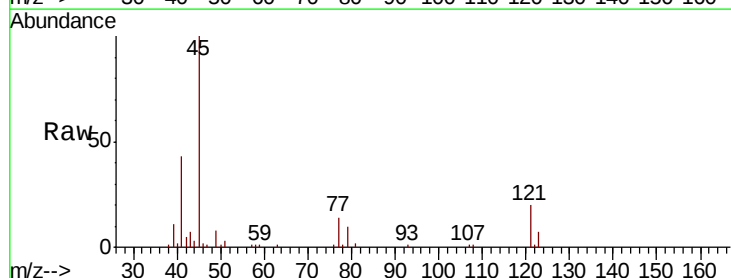
RT: 7.07 min Scan# 848

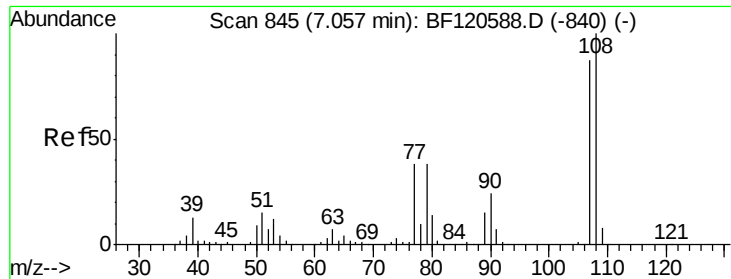
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:	45	Resp:	65605
Ion Ratio	Lower	Upper	
45	100		
77	14.1	0.0	34.2
79	10.0	0.0	30.9





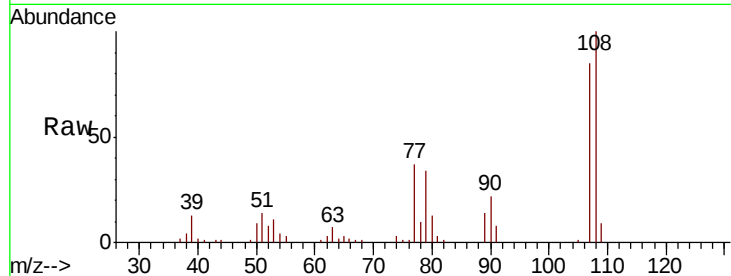
#17
2-Methylphenol
Concen: 4.553 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

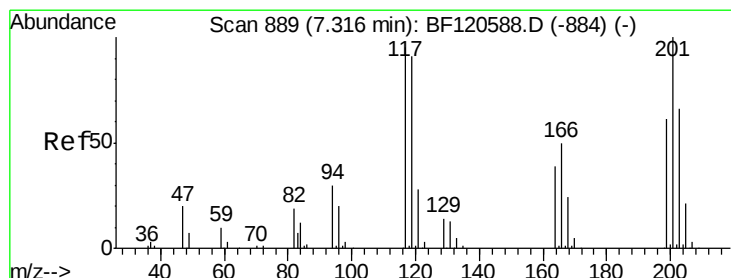
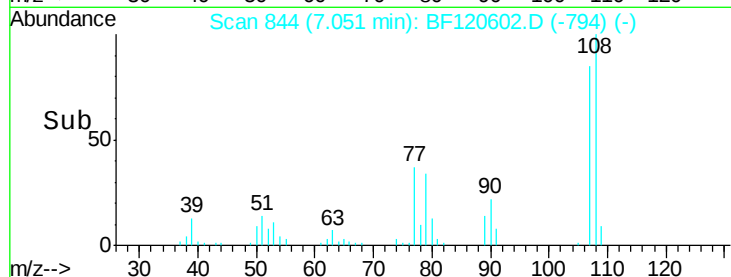
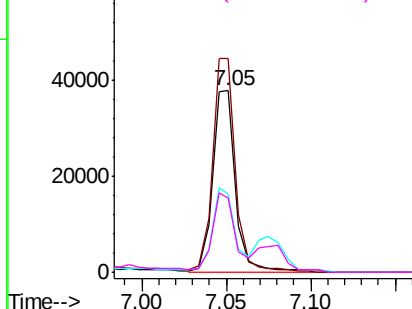
Tot Ion:	107	Resp:	36049
Ion	Ratio	Lower	Upper
107	100		
108	117.7	91.9	137.9
77	43.4	35.4	53.2
79	40.6	34.8	52.2

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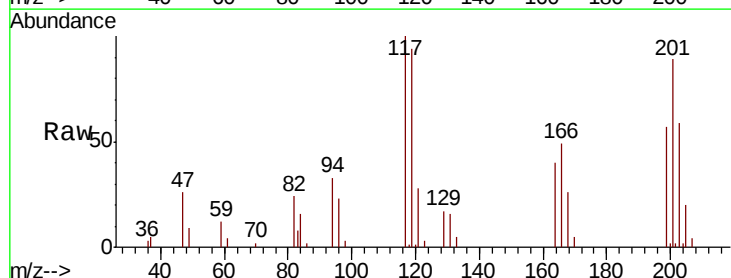


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

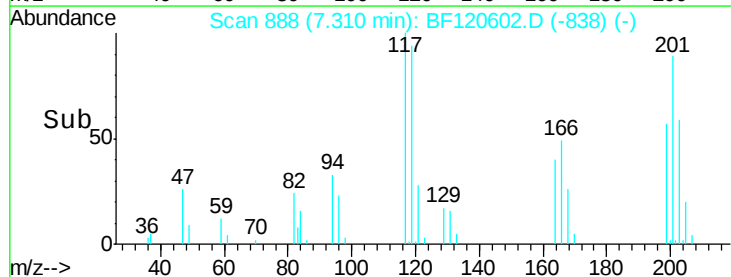
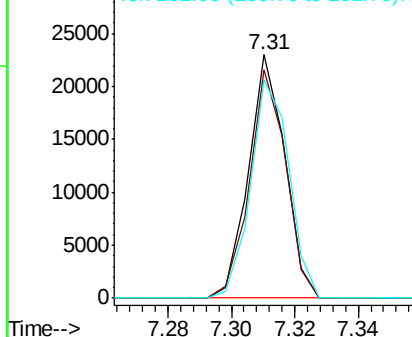


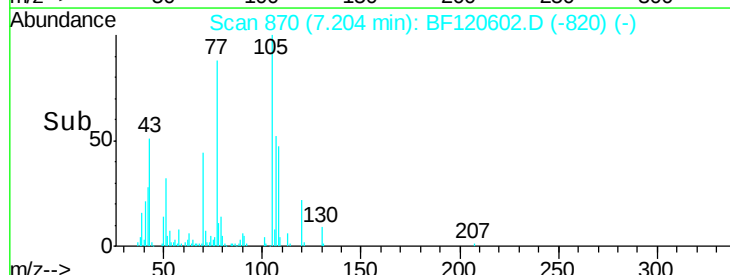
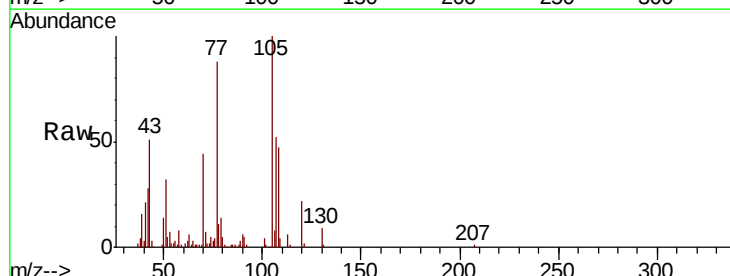
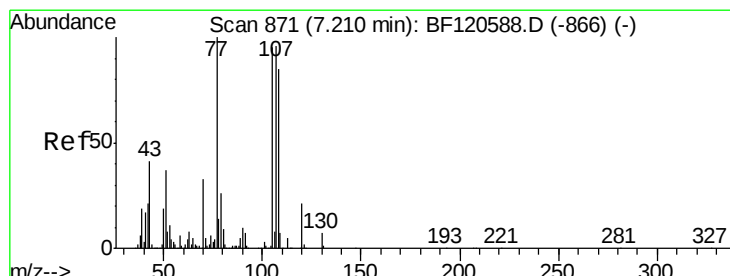
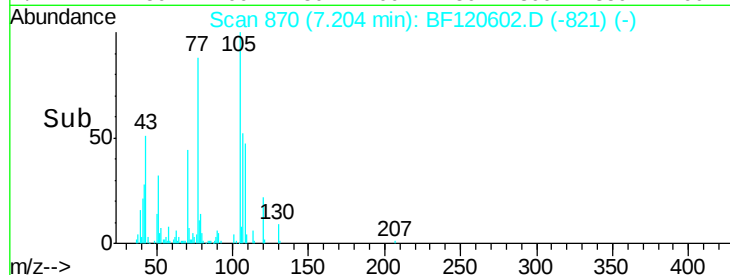
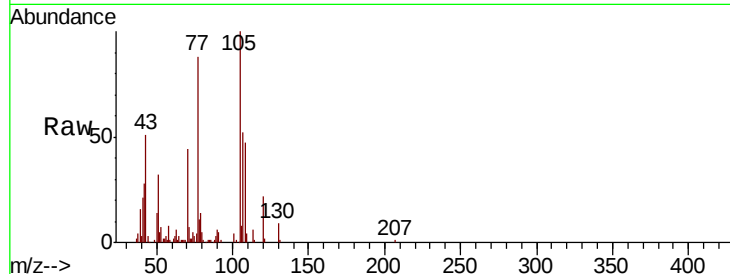
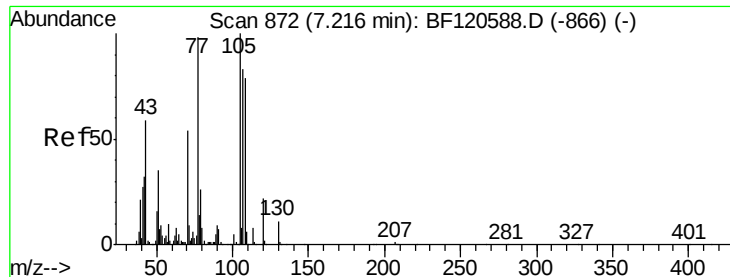
#18
Hexachloroethane
Concen: 5.088 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:	117	Resp:	18256
Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.9	115.3
201	91.6	84.6	127.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 5.442 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF120602.D

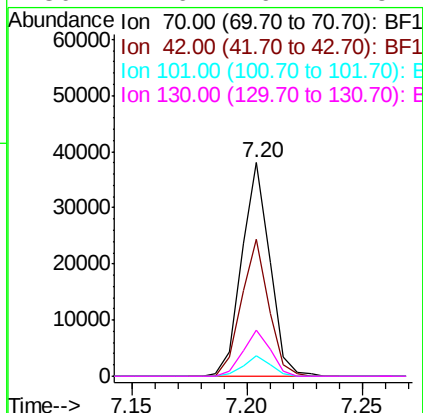
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	64.3	47.7	71.5
101	9.7	7.6	11.4
130	21.6	16.7	25.1

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#20

3+4-Methylphenols

Concen: 4.645 ng

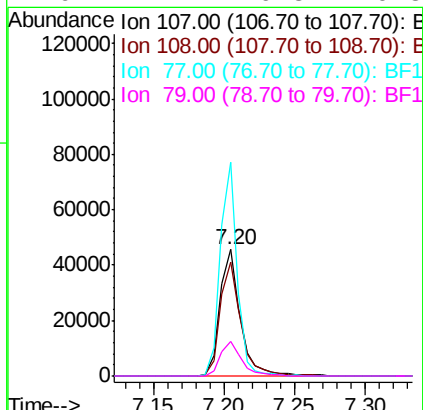
RT: 7.20 min Scan# 870

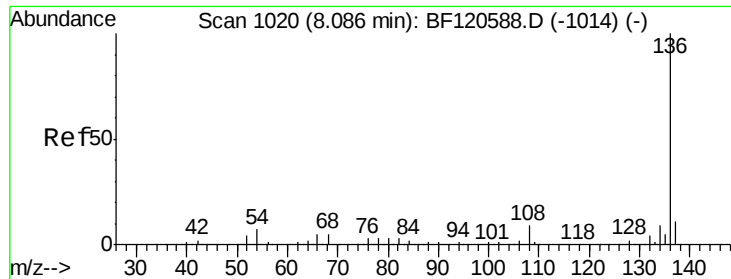
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	68.7	108.7
77	168.7	84.2	124.2#
79	27.2	6.8	46.8





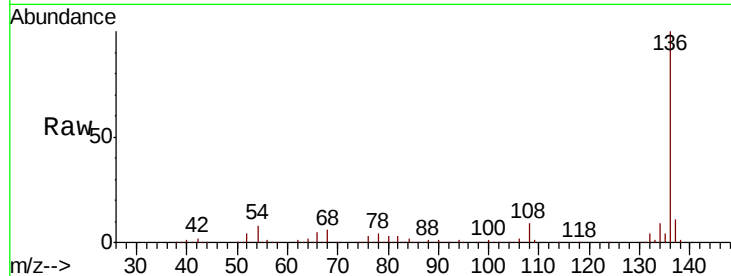
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

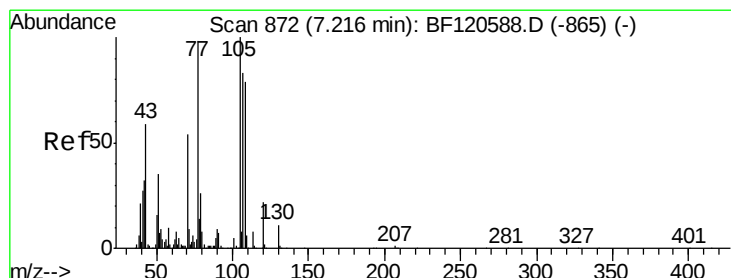
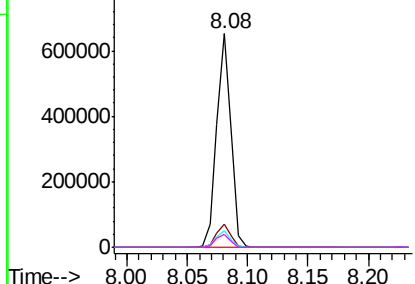
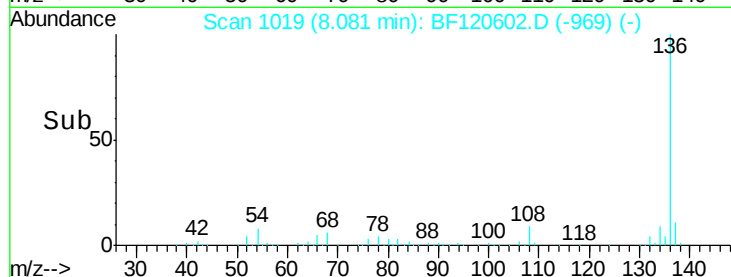
Tot Ion	Ratio	Resp	Lower	Upper
136	100	518495		
137	10.9		8.6	13.0
54	7.8		5.8	8.6
68	6.1		4.4	6.6

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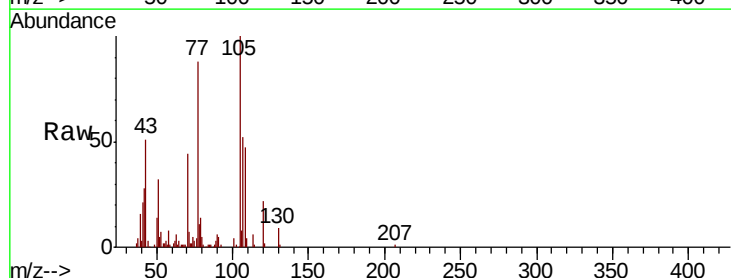


Abundance Ion 136.00 (135.70 to 136.70): E
1000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

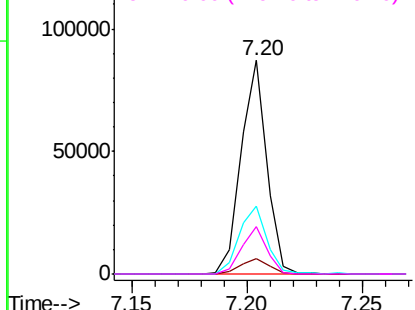
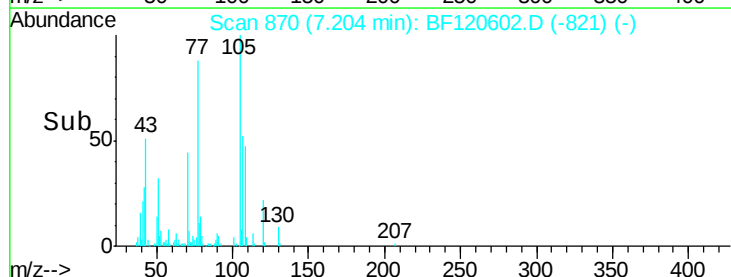


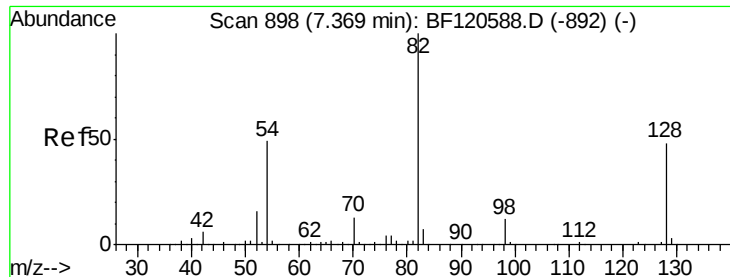
#22
Acetophenone
Concen: 5.827 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	67549		
71	7.4		7.2	10.8
51	31.6		27.8	41.8
120	22.0		18.0	27.0



Abundance Ion 105.00 (104.70 to 105.70): E
100000
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





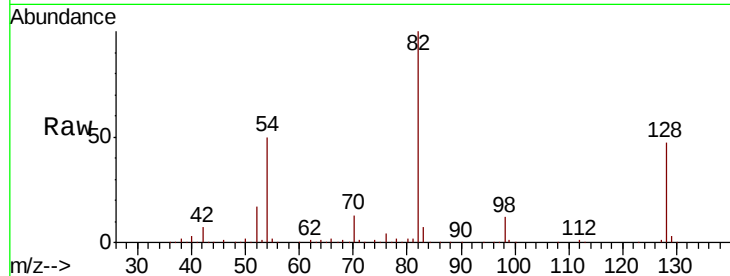
#23
 Nitrobenzene-d5
 Concen: 100.255 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

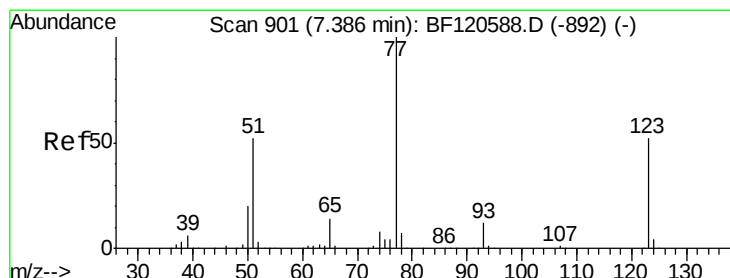
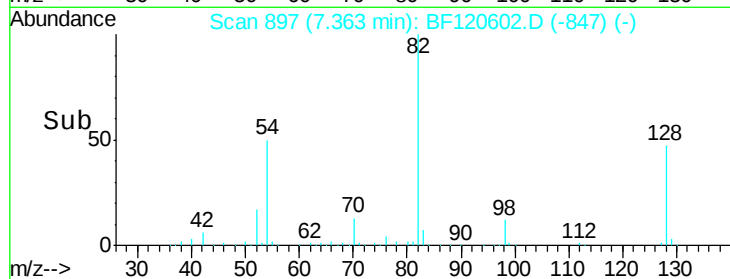
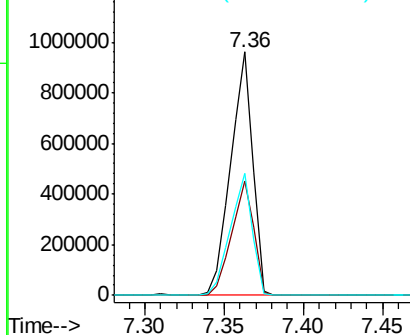
Tot Ion	Ratio	Resp	Lower	Upper
82	100	929964		
128	46.9		38.0	57.0
54	50.1		38.8	58.2

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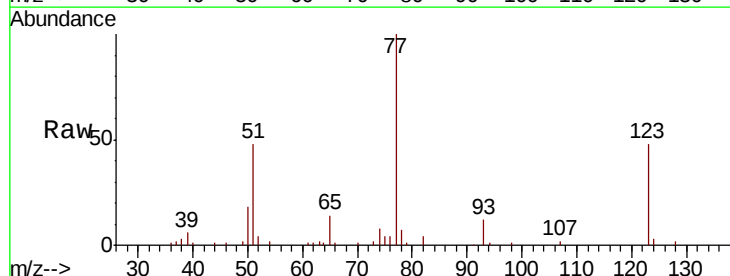


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

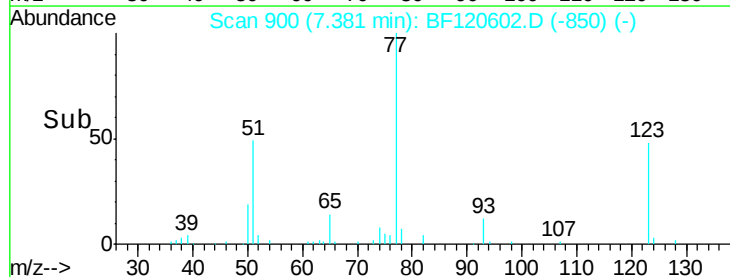
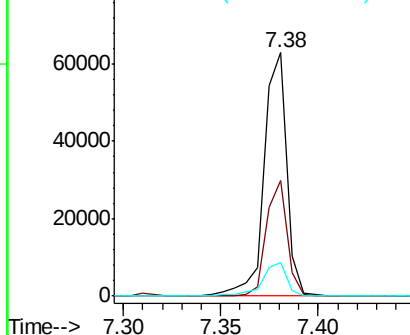


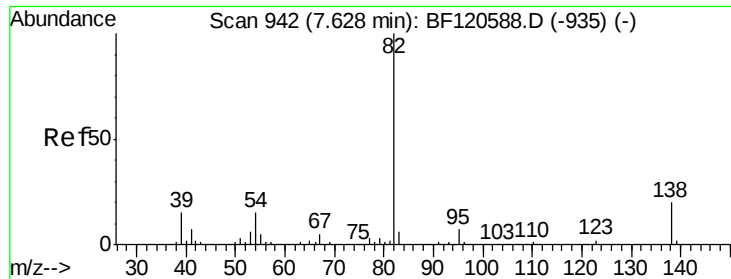
#24
 Nitrobenzene
 Concen: 5.200 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	50472		
123	47.7		41.4	62.0
65	13.6		11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 4.759 ng

RT: 7.62 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

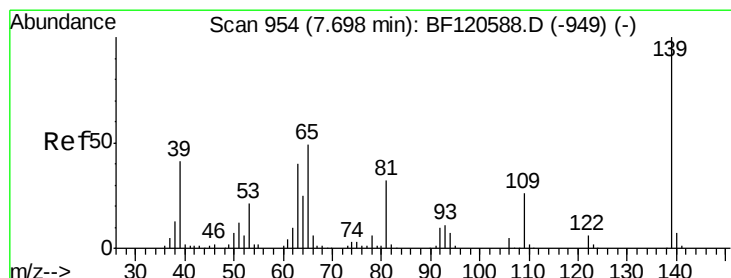
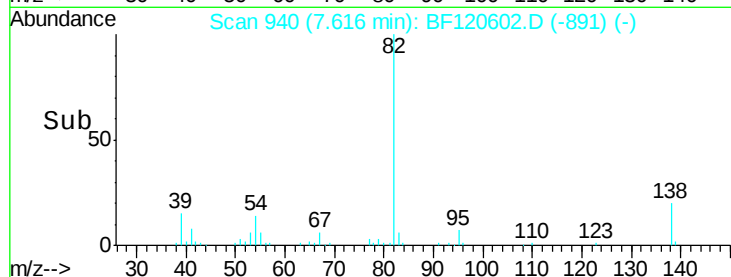
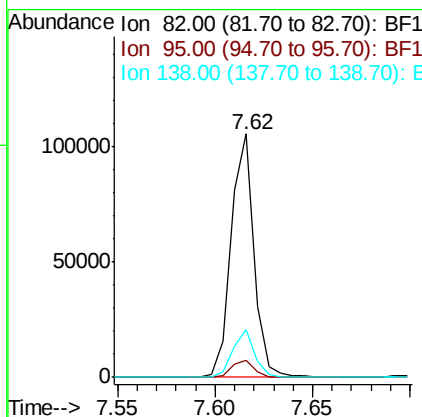
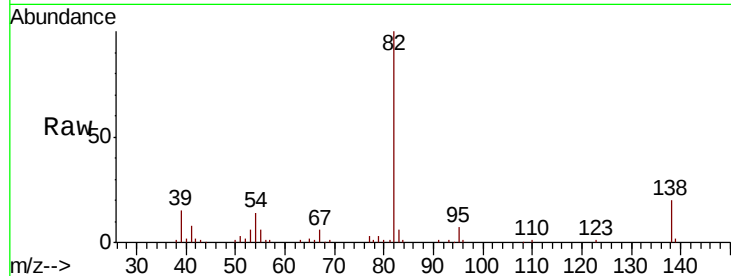
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	82	Resp:	85984
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.7	8.5
138	19.5	16.2	24.4

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#26

2-Nitrophenol

Concen: 4.128 ng

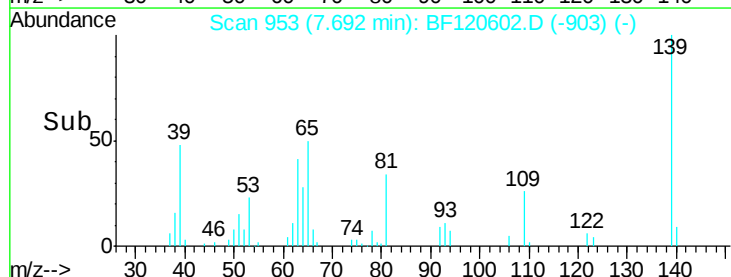
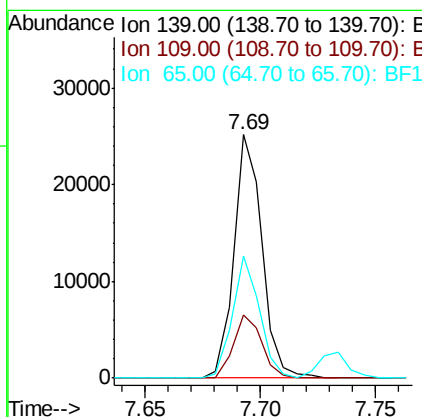
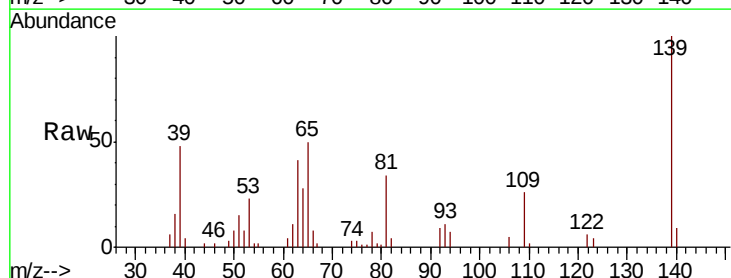
RT: 7.69 min Scan# 953

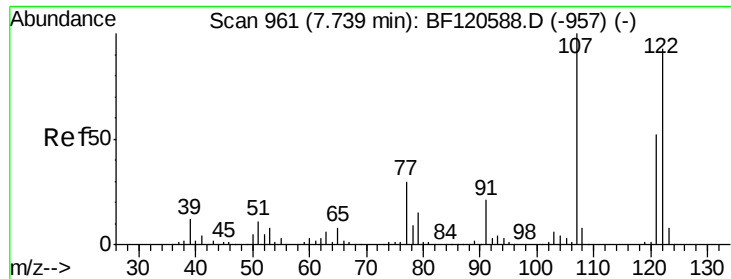
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:	139	Resp:	21198
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.1	31.7
65	50.0	39.4	59.0





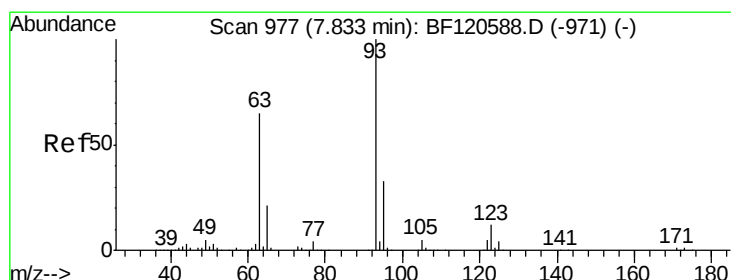
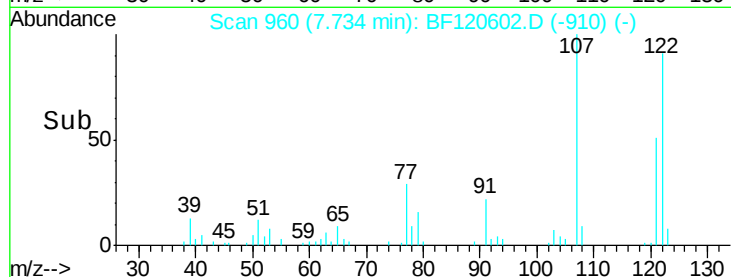
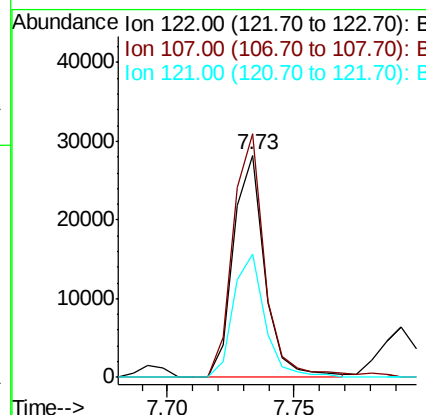
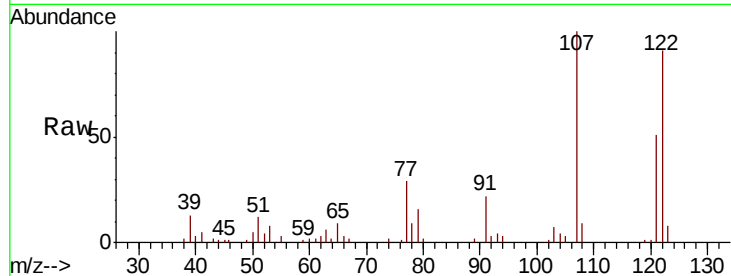
#27
2,4-Dimethylphenol
Concen: 3.204 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.6	86.4	129.6
121	55.7	45.2	67.8

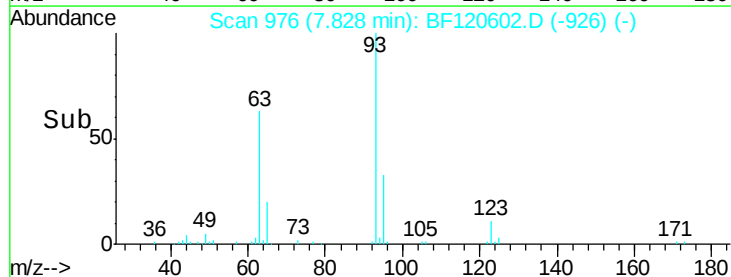
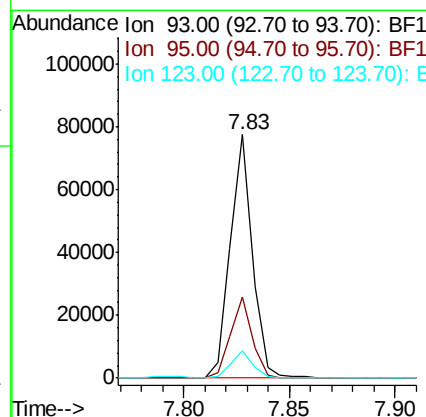
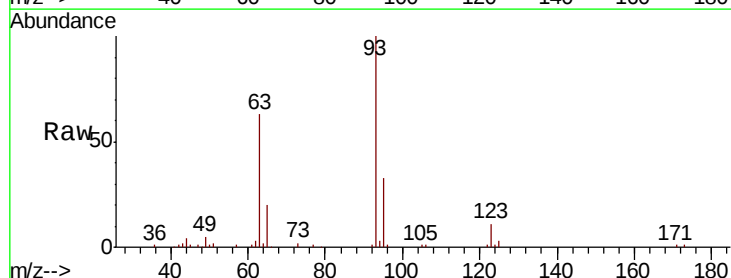
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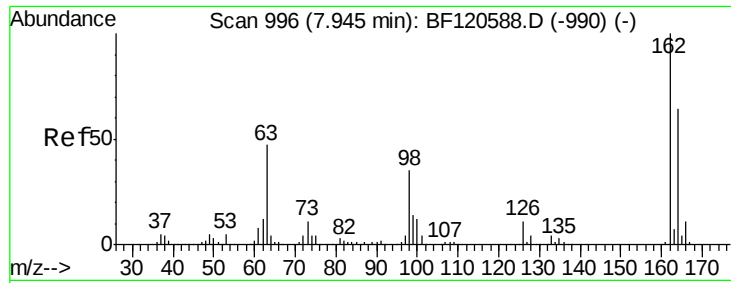
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#28
bis(2-Chloroethoxy)methane
Concen: 5.319 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.4
123	11.1	9.5	14.3





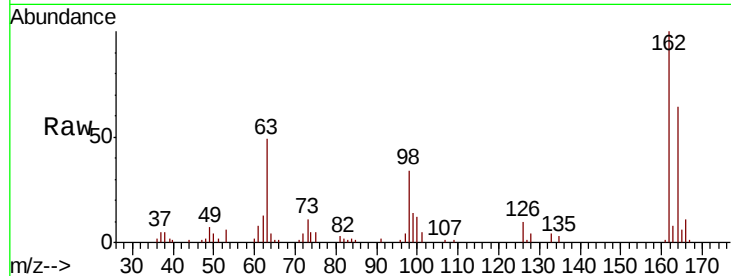
#29
2,4-Dichlorophenol
Concen: 4.644 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

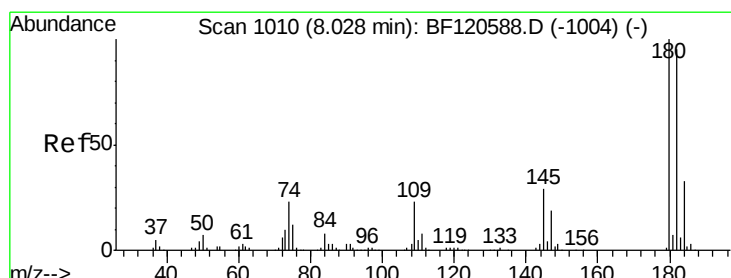
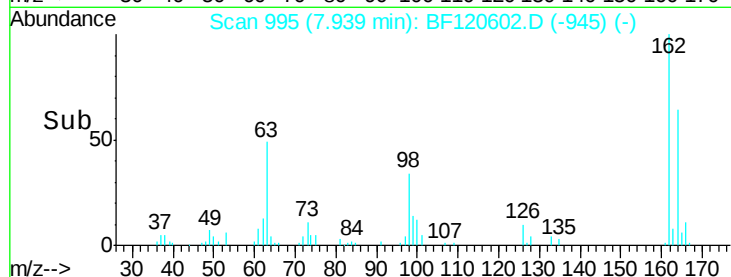
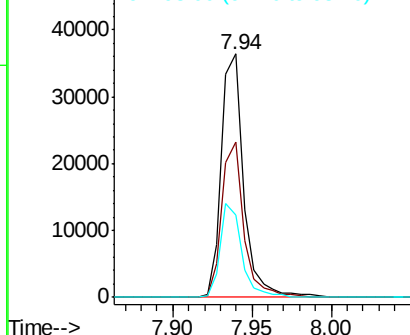
Tot Ion:	162	Resp:	35693
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.1	84.1
98	33.6	14.7	54.7

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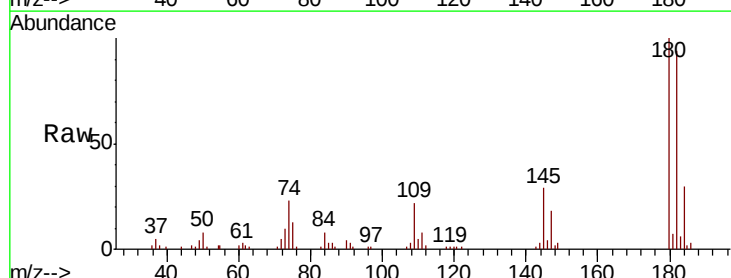


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

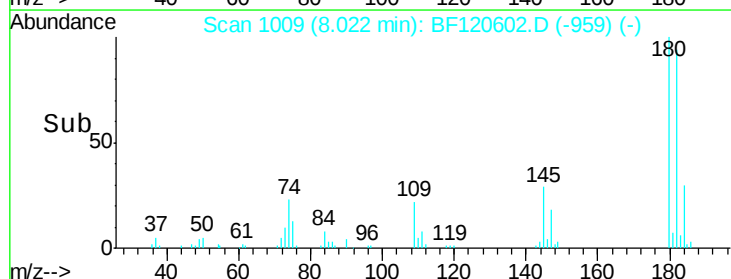
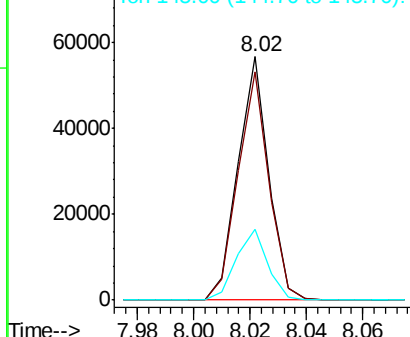


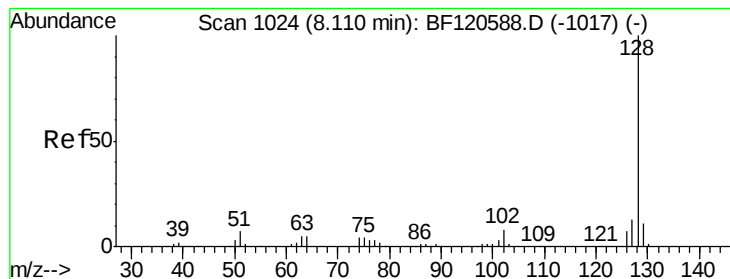
#30
1,2,4-Trichlorobenzene
Concen: 5.017 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion:	180	Resp:	42735
Ion Ratio	Lower	Upper	
180	100		
182	93.6	75.8	113.6
145	29.3	23.0	34.6



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: 5.455 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

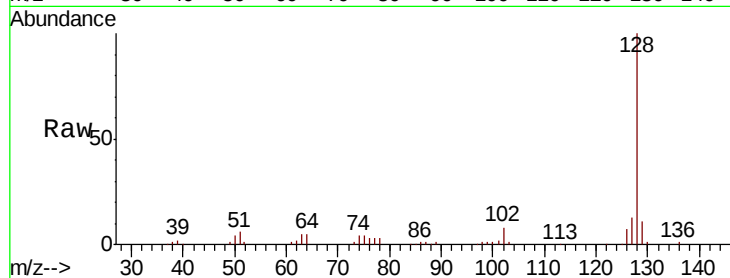
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

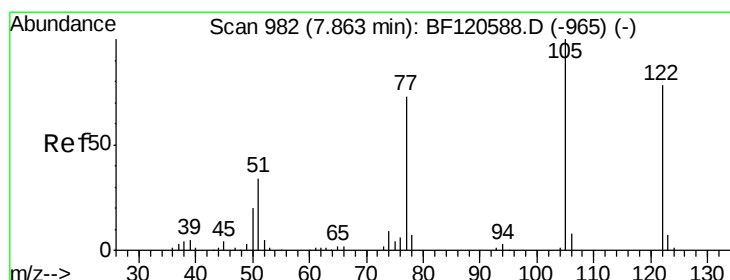
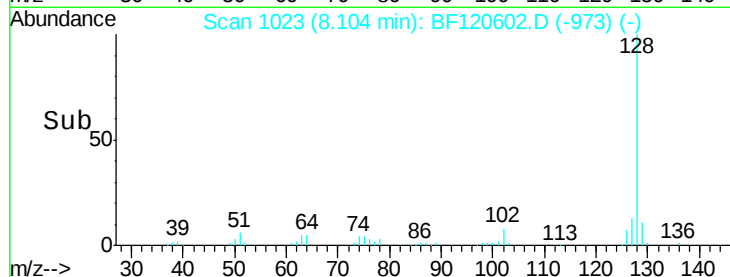
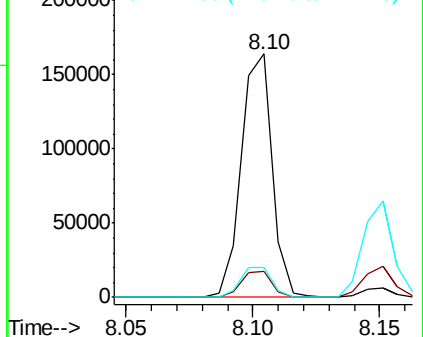
Tot Ion:	128	Resp:	138873
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.5	10.6	15.8

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



#32

Benzoic acid

Concen: 1.644 ng m

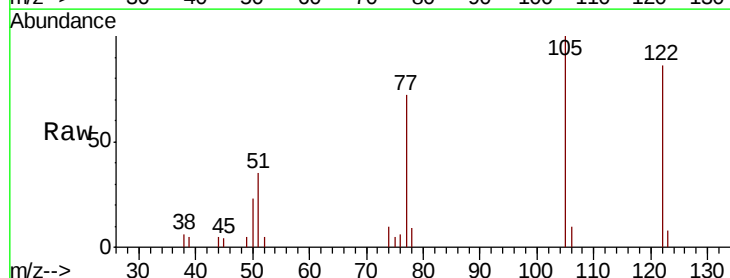
RT: 7.79 min Scan# 970

Delta R.T. -0.07 min

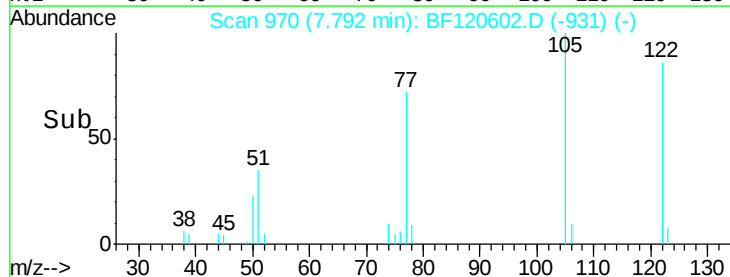
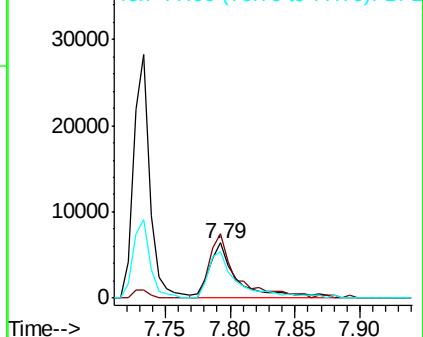
Lab File: BF120602.D

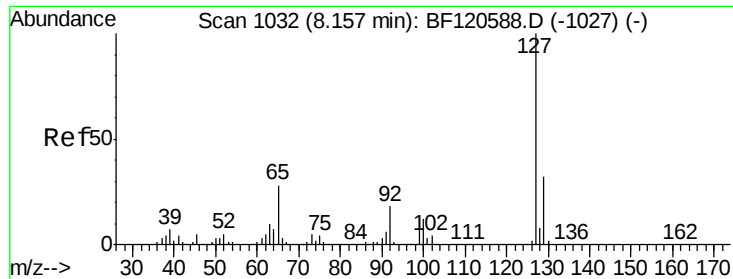
Acq: 11 Jun 2020 14:58

Tgt Ion:	122	Resp:	9537
Ion Ratio	Lower	Upper	
122	100		
105	116.7	101.0	141.0
77	84.3	69.8	109.8



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





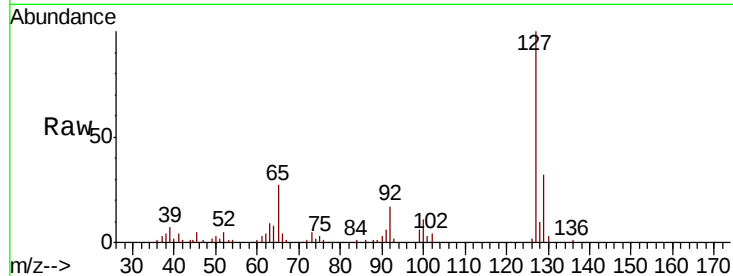
#33
4-Chloroaniline
Concen: 4.703 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

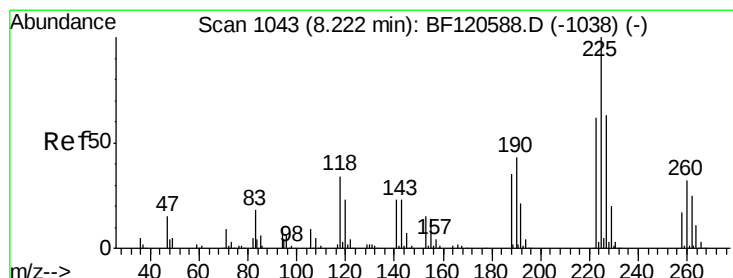
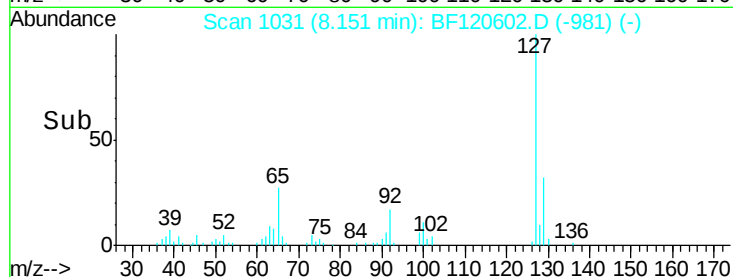
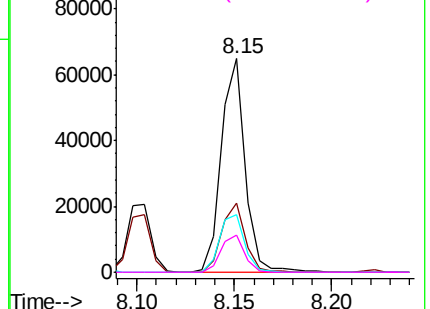
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.1		25.9	38.9	
65	26.8		22.2	33.4	
92	17.3		14.2	21.2	

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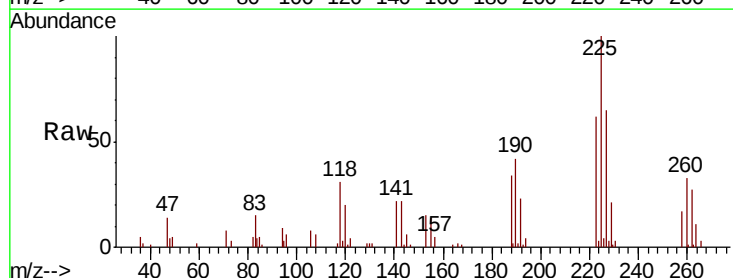


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

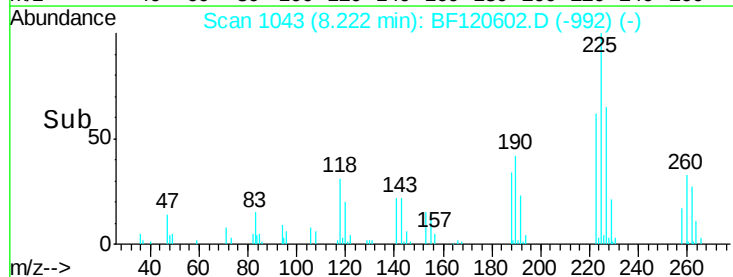
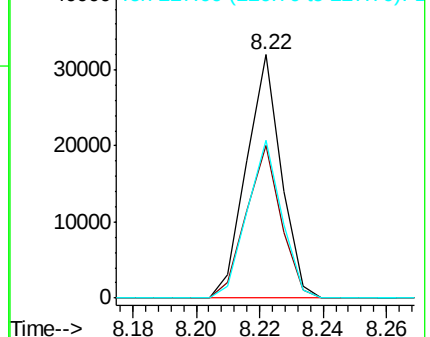


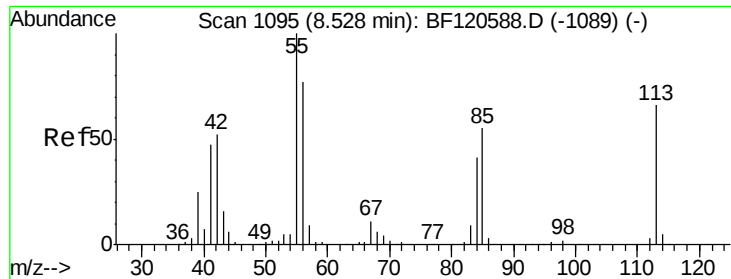
#34
Hexachlorobutadiene
Concen: 4.889 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.5		49.9	74.9	
227	64.9		50.5	75.7	



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





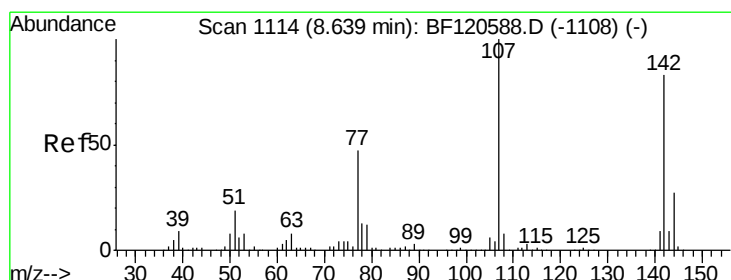
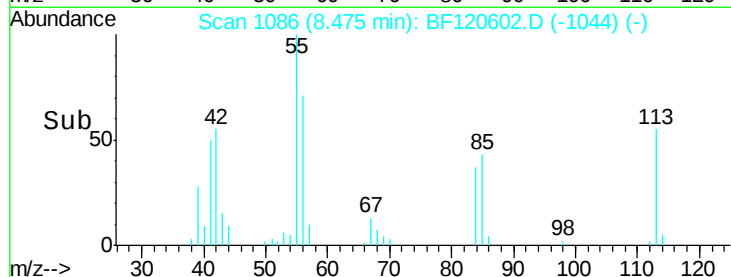
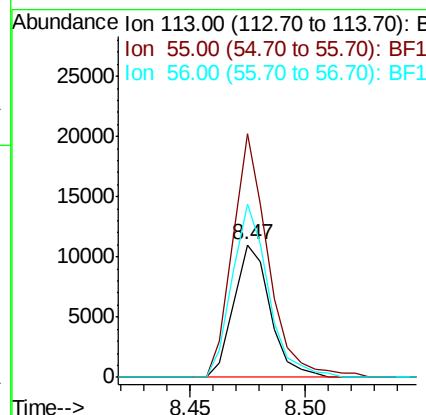
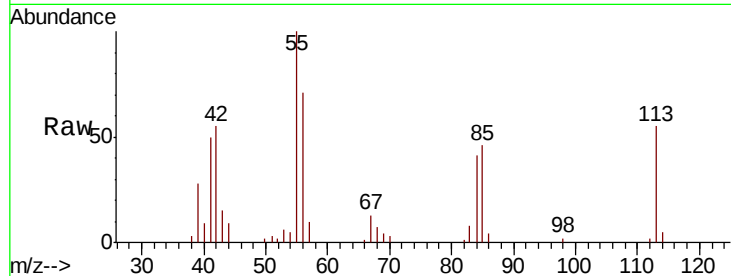
#35
 Caprolactam
 Concen: 4.897 ng
 RT: 8.47 min Scan# 1086
 Delta R.T. -0.05 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:113 Resp: 12039
 Ion Ratio Lower Upper
 113 100
 55 183.3 133.1 173.1#
 56 130.9 98.4 138.4

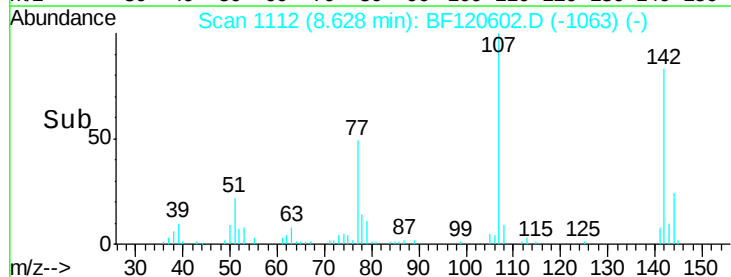
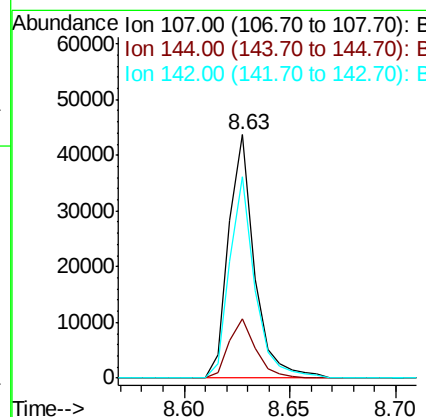
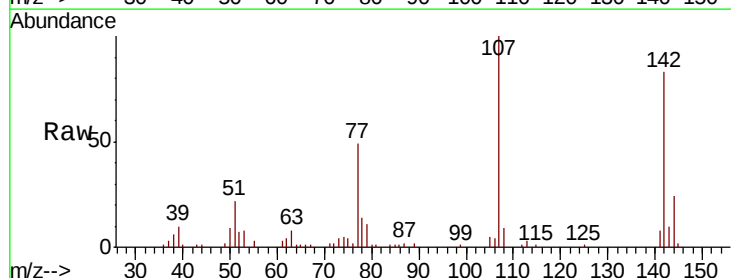
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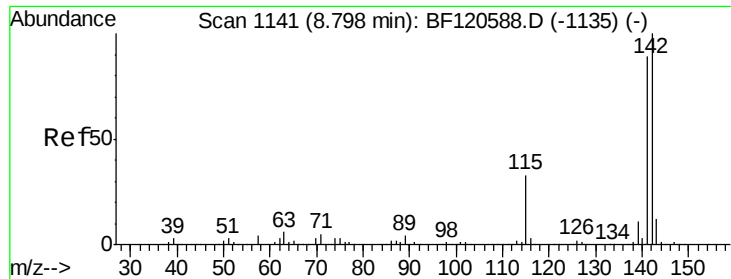
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#36
 4-Chloro-3-methylphenol
 Concen: 4.812 ng
 RT: 8.63 min Scan# 1112
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:107 Resp: 36949
 Ion Ratio Lower Upper
 107 100
 144 24.2 21.4 32.2
 142 82.9 66.3 99.5





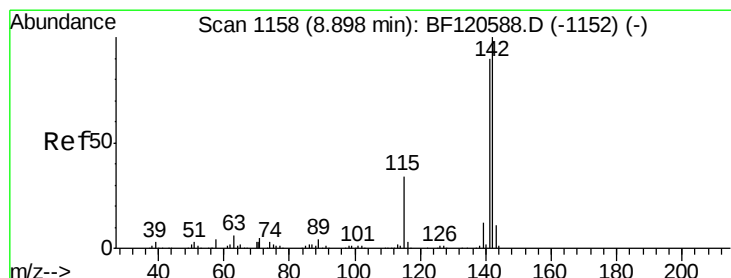
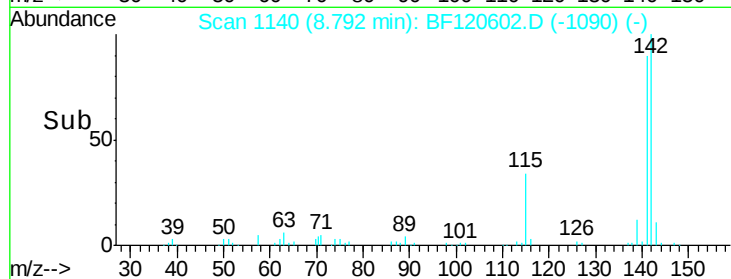
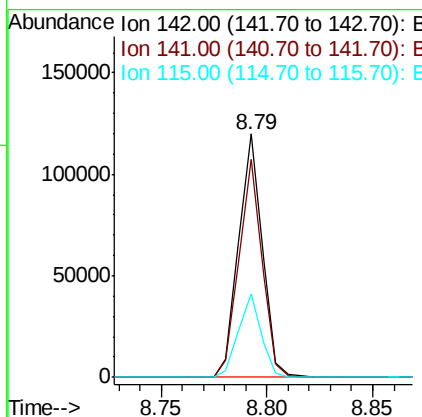
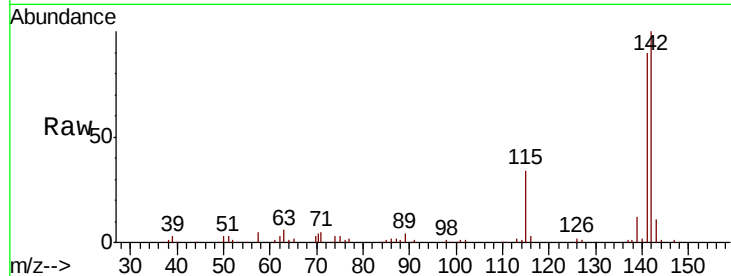
#37
2-Methylnaphthalene
Concen: 5.577 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.0
115	34.4	26.1	39.1

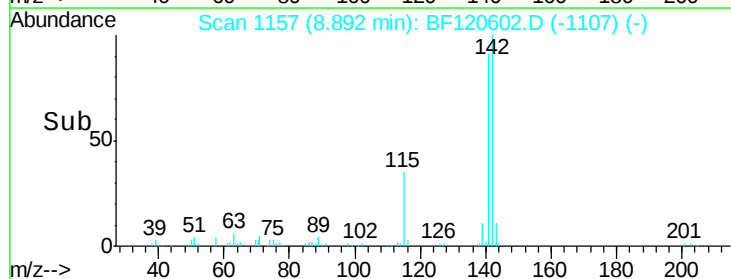
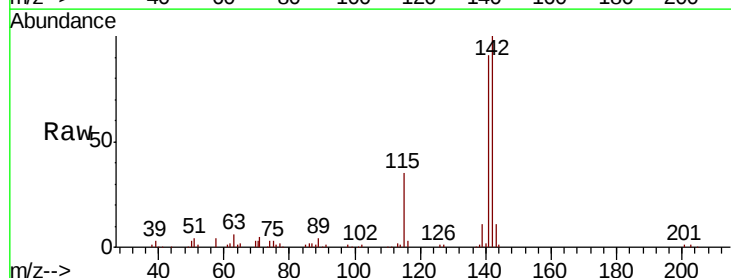
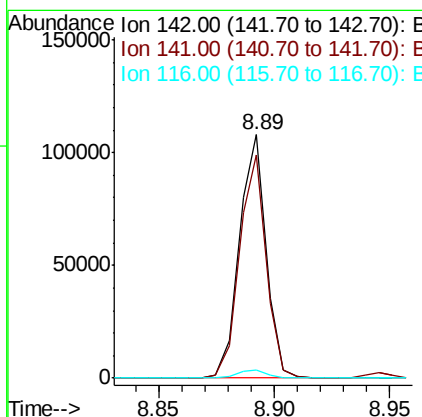
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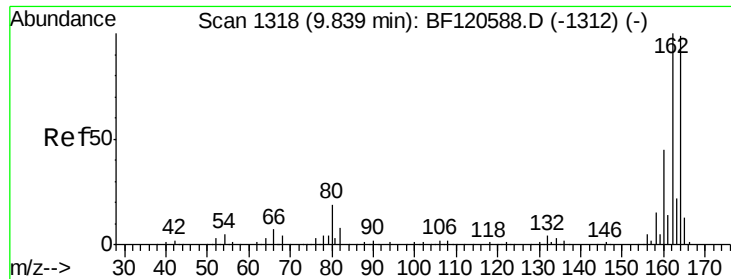
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#38
1-Methylnaphthalene
Concen: 5.547 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	72.1	108.1
116	3.2	2.7	4.1





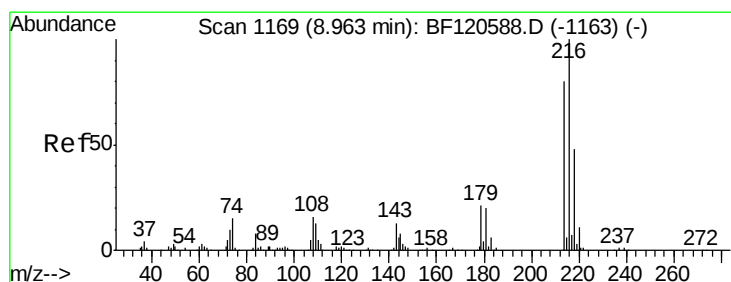
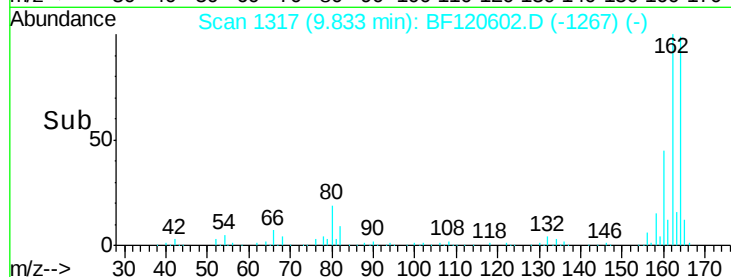
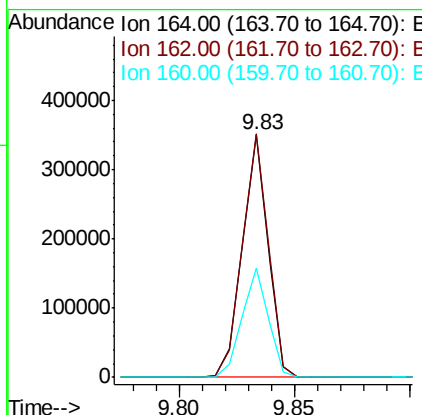
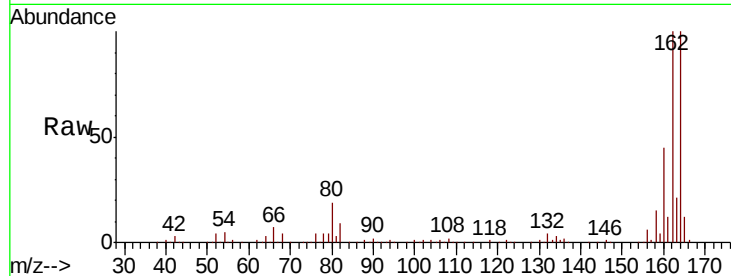
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.3	80.6	120.8
160	45.1	36.2	54.2

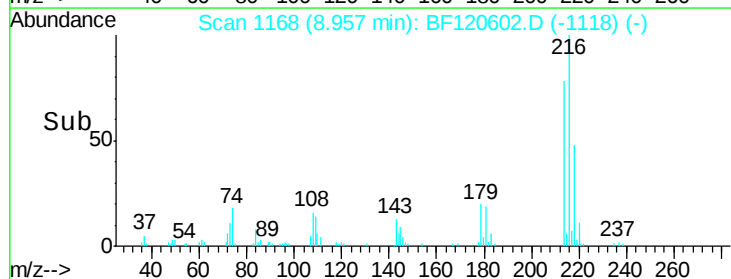
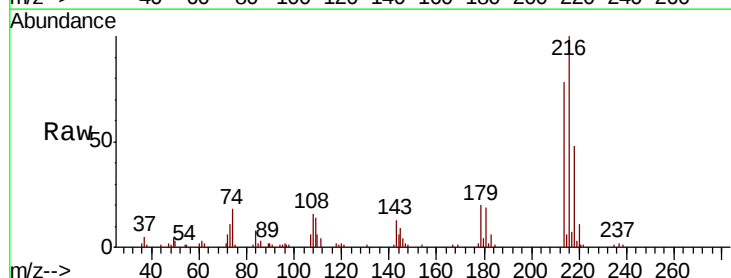
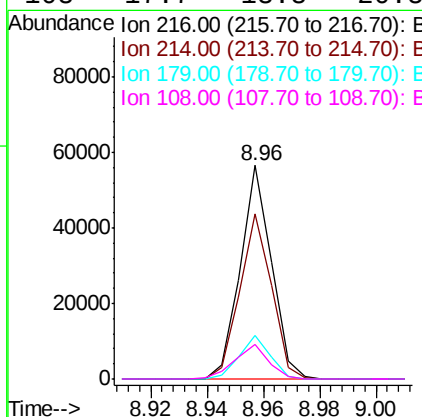
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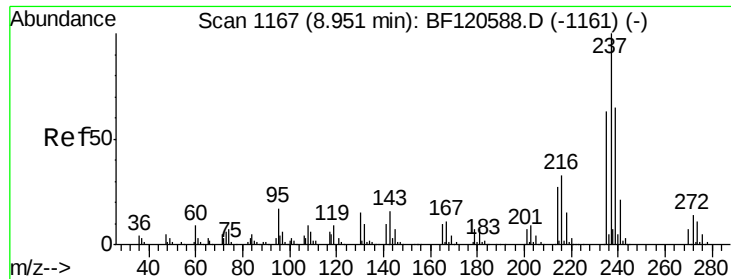
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 5.287 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.6
179	20.2	16.4	24.6
108	17.7	13.8	20.8





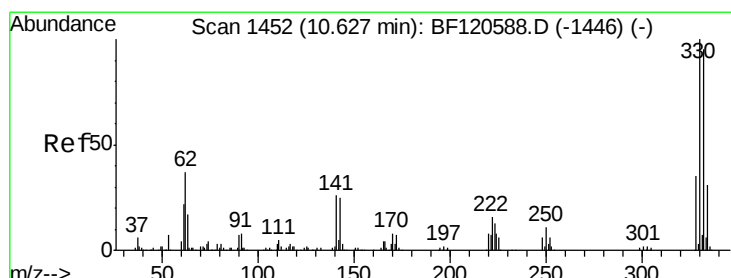
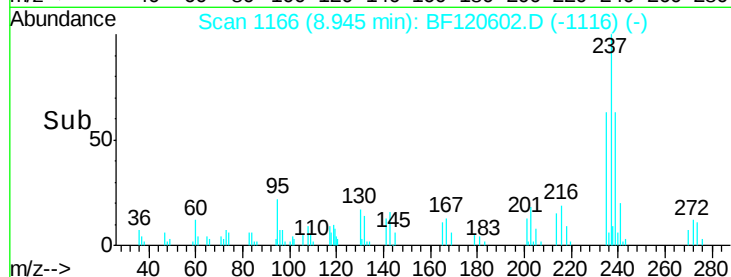
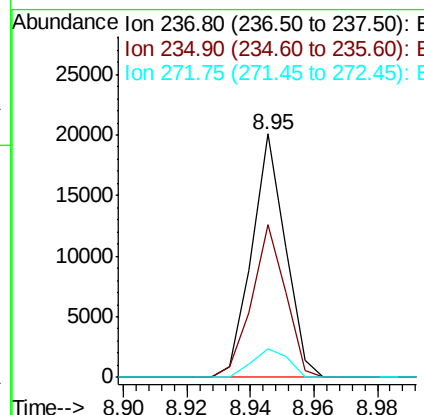
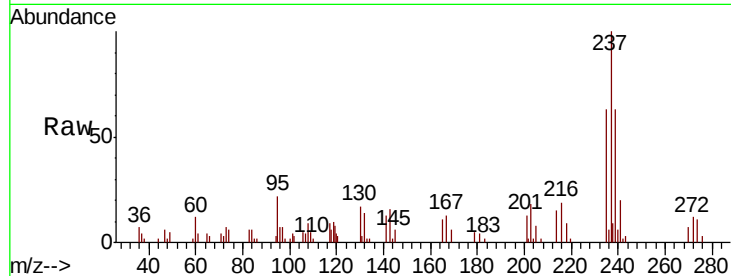
#41
Hexachlorocyclopentadiene
Concen: 3.210 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	62.7	43.2	83.2
272	12.0	0.0	33.9

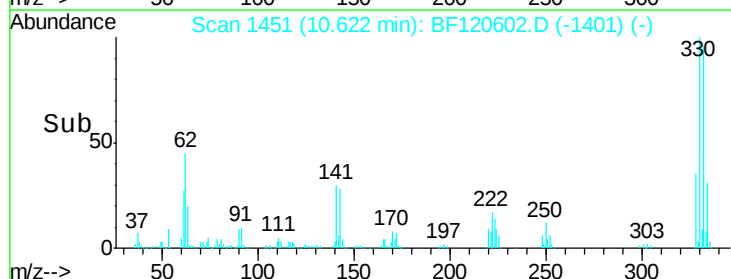
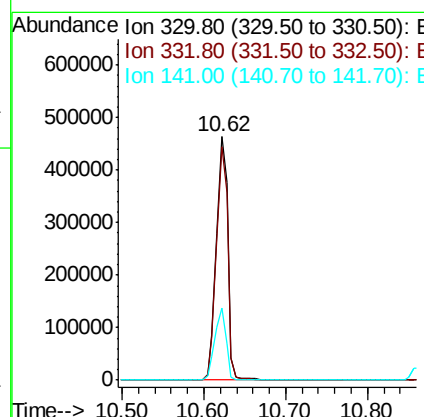
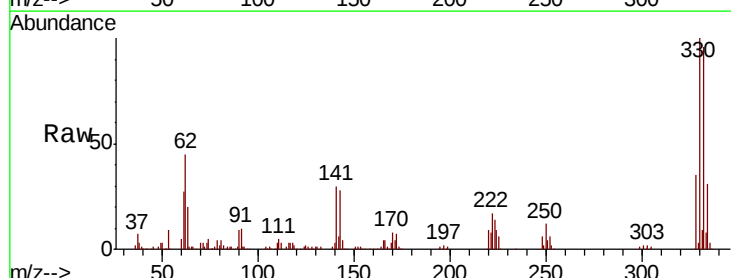
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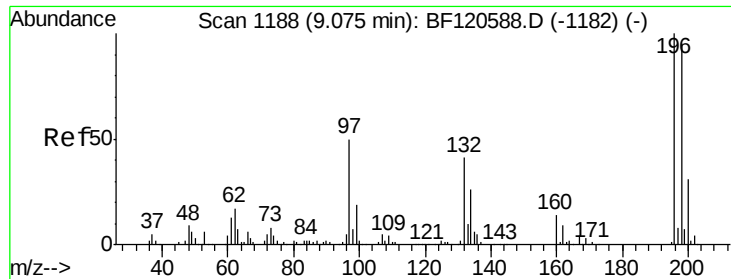
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#42
2,4,6-Tribromophenol
Concen: 142.671 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.8	115.2
141	28.9	23.2	34.8





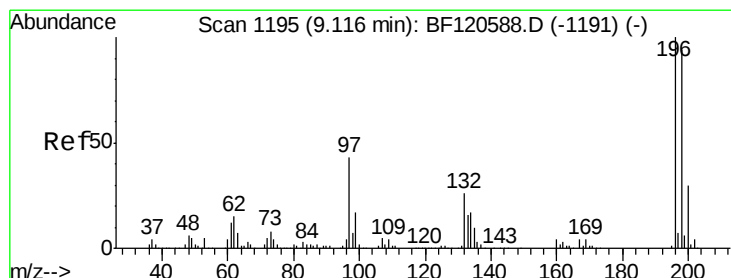
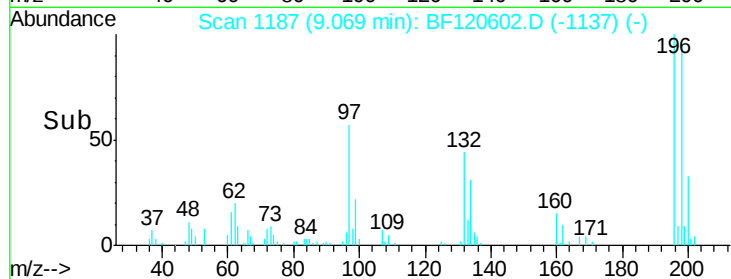
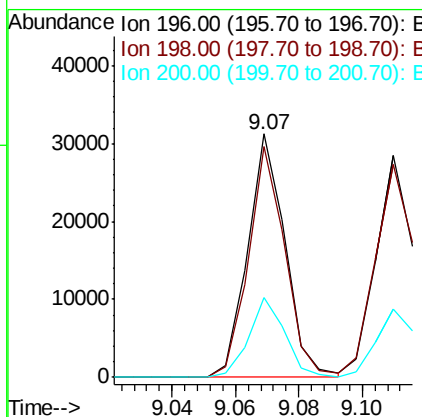
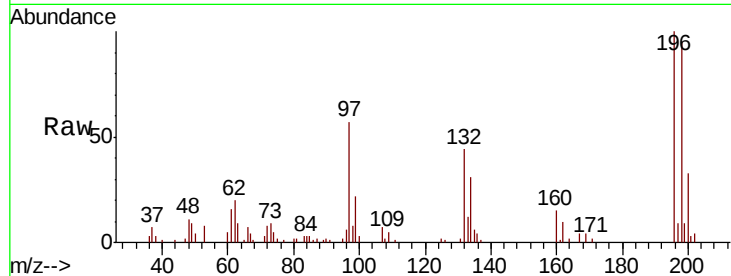
#43
 2,4,6-Trichlorophenol
 Concen: 4.393 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	25521		
198	94.6	76.2	114.2	
200	32.6	24.6	37.0	

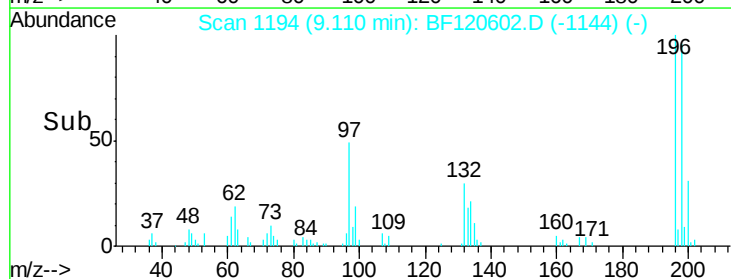
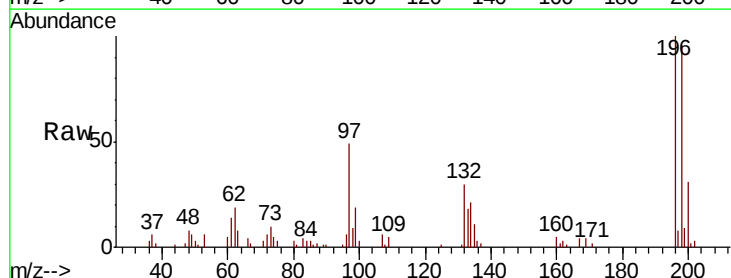
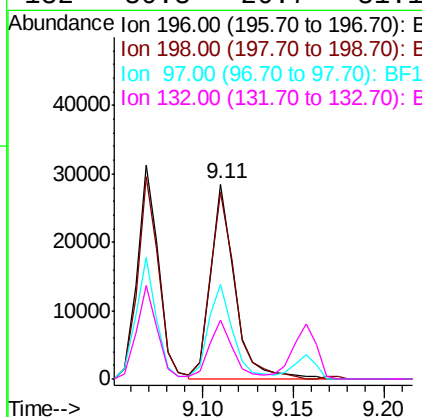
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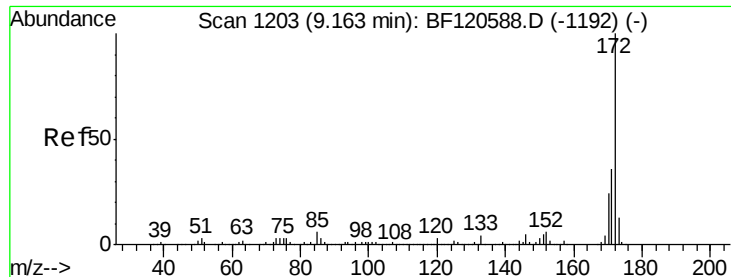
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#44
 2,4,5-Trichlorophenol
 Concen: 4.012 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	26444		
198	96.1	75.5	113.3	
97	49.0	34.4	51.6	
132	30.3	20.7	31.1	





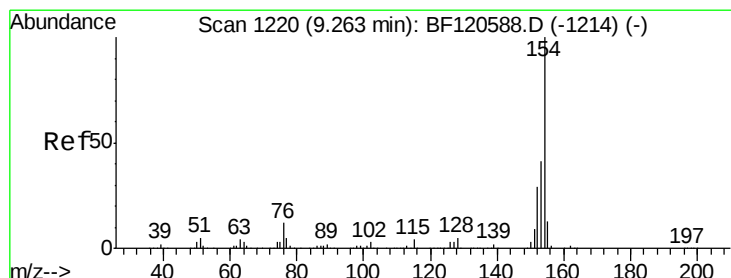
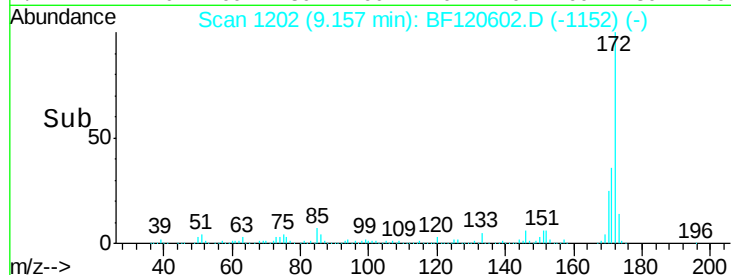
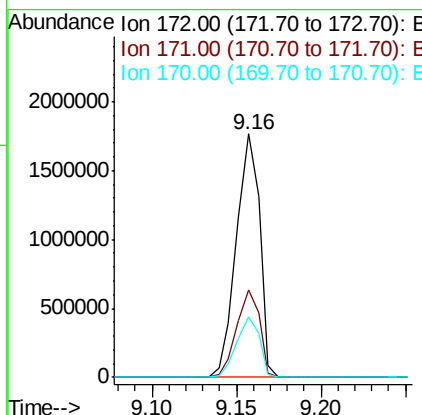
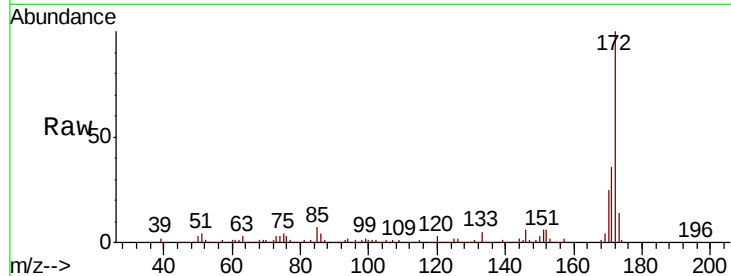
#45
2-Fluorobiphenyl
Concen: 94.653 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.0	43.4
170	24.7	19.4	29.2

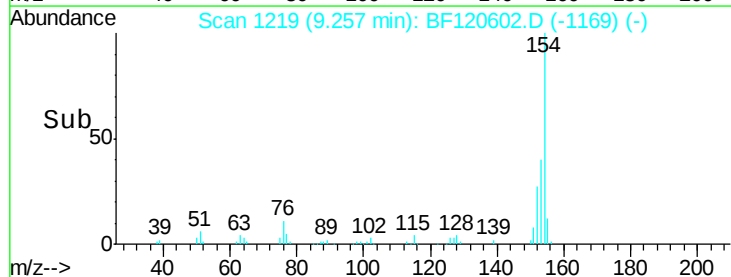
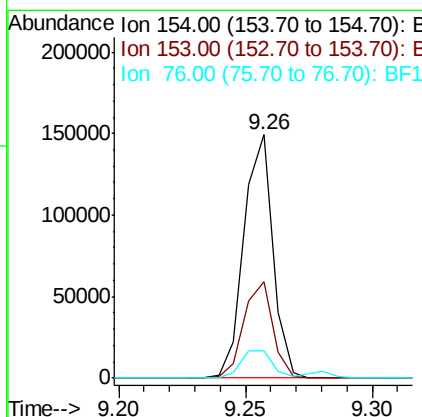
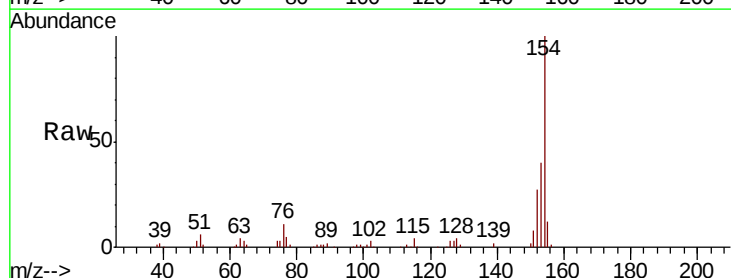
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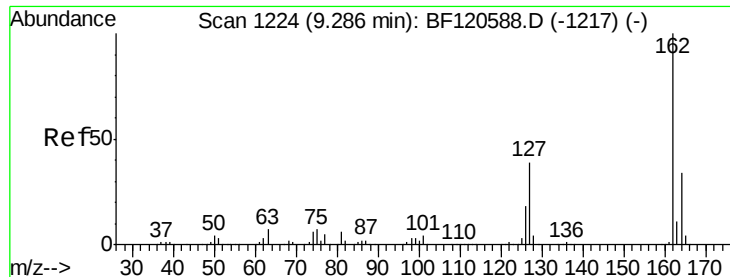
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#46
1,1'-Biphenyl
Concen: 5.798 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.4	61.4
76	11.3	0.0	31.6





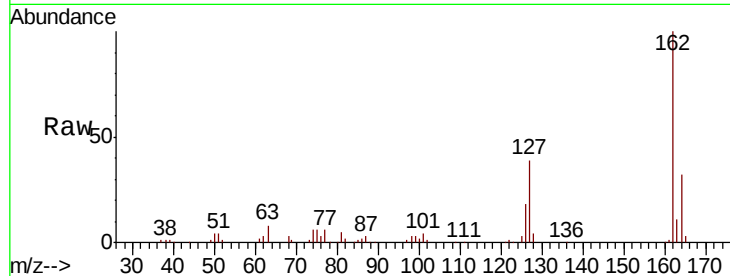
#47
 2-Chloronaphthalene
 Concen: 5.144 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

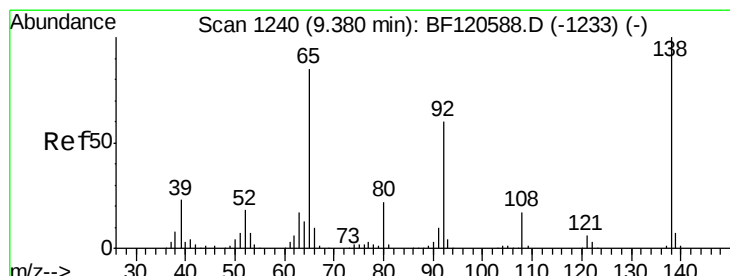
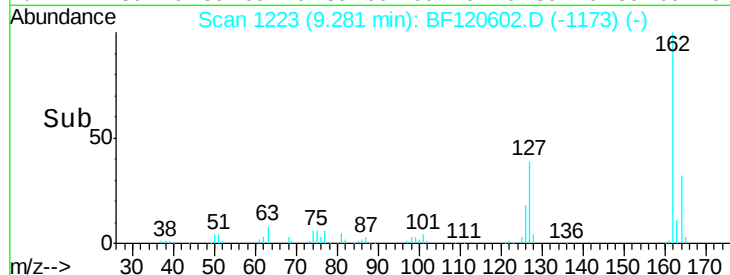
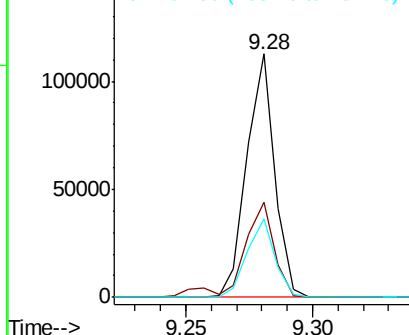
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.9	31.3	46.9	
164	32.3	26.9	40.3	

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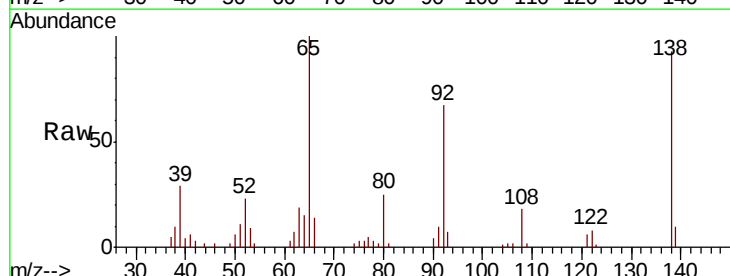


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

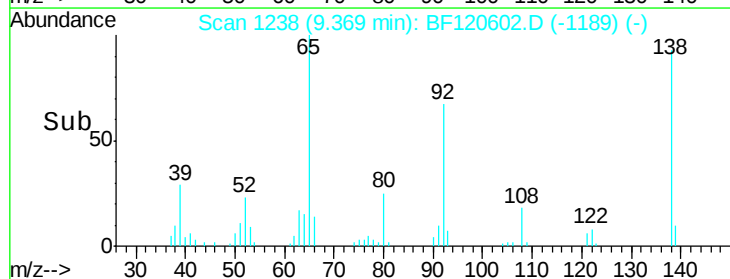
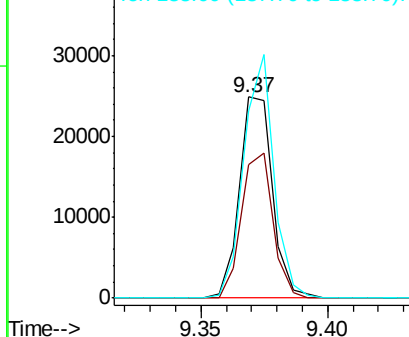


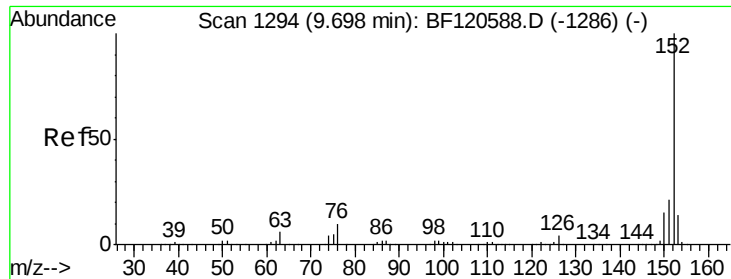
#48
 2-Nitroaniline
 Concen: 4.305 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	66.5	56.0	84.0	
138	93.2	94.0	141.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 5.385 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

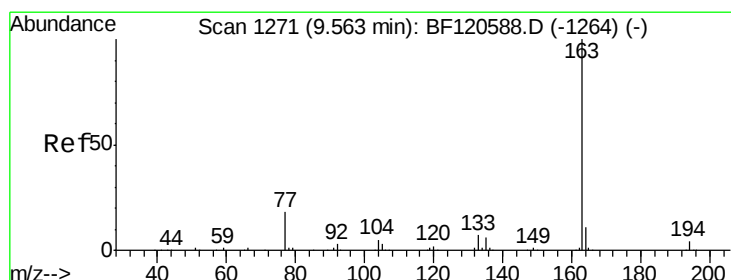
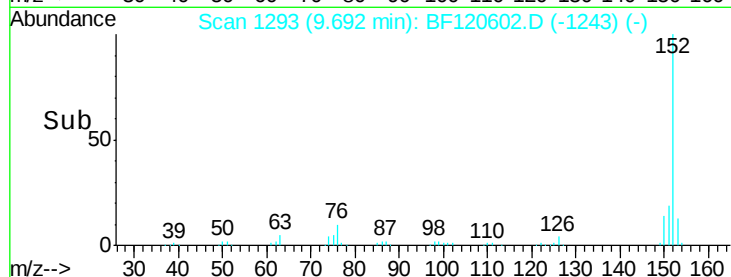
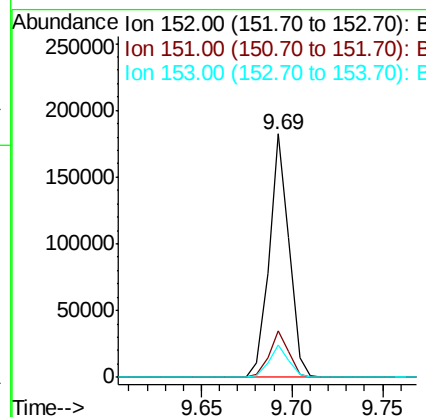
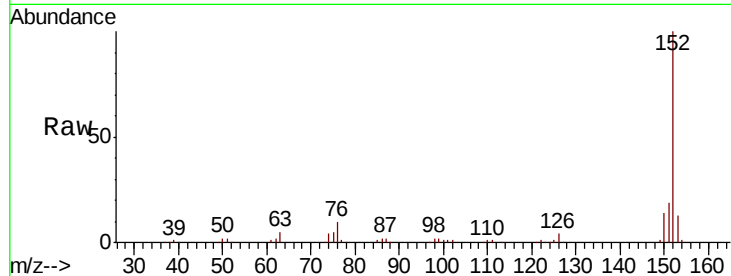
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	152	Resp:	139208
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.6	25.0
153	13.3	11.0	16.6

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#50

Dimethylphthalate

Concen: 4.934 ng

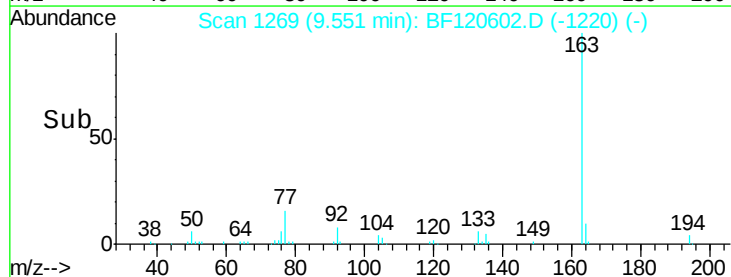
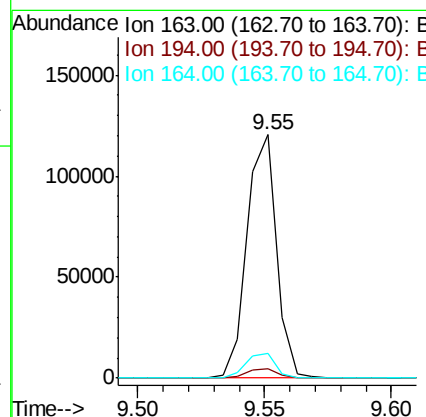
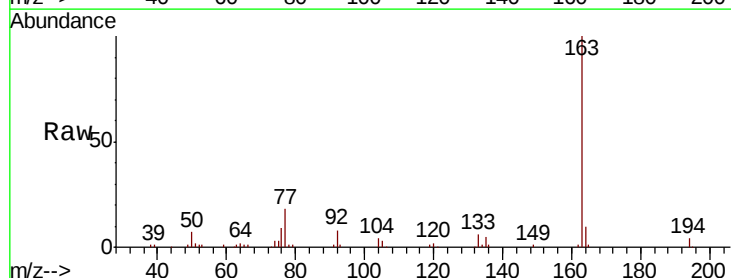
RT: 9.55 min Scan# 1269

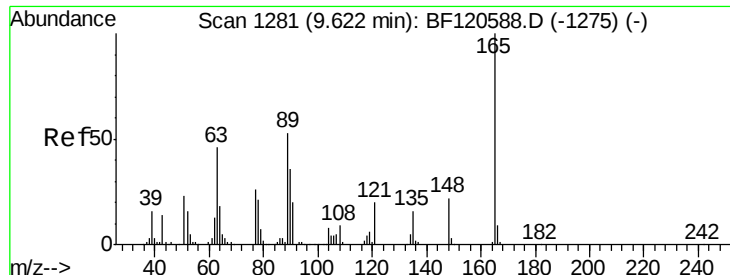
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:	163	Resp:	97466
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.9	8.5	12.7





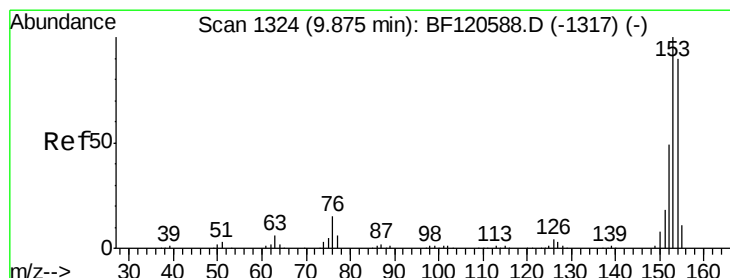
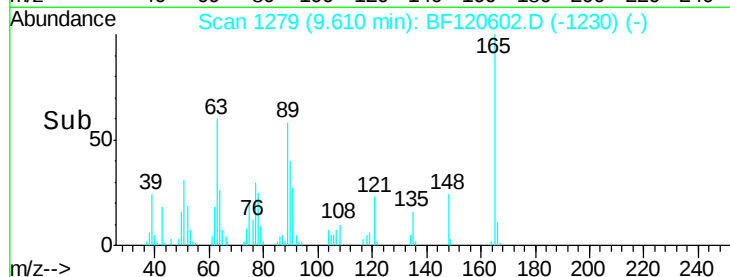
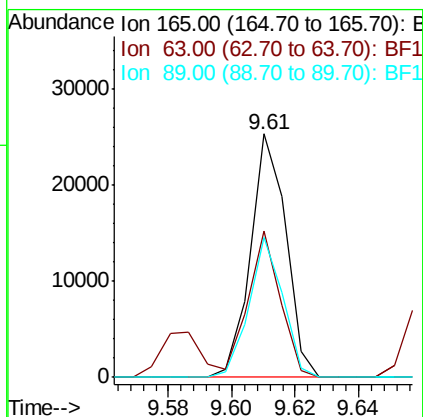
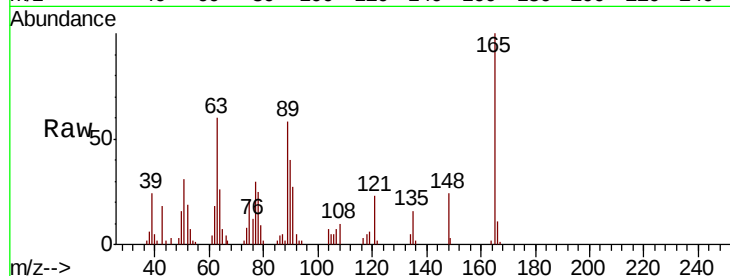
#51
2,6-Dinitrotoluene
Concen: 4.372 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	19575		
63	60.1		41.7	62.5
89	57.6		42.6	64.0

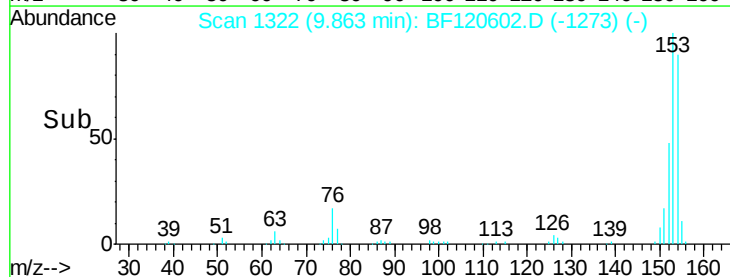
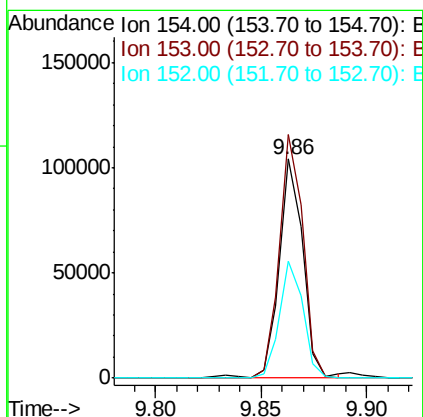
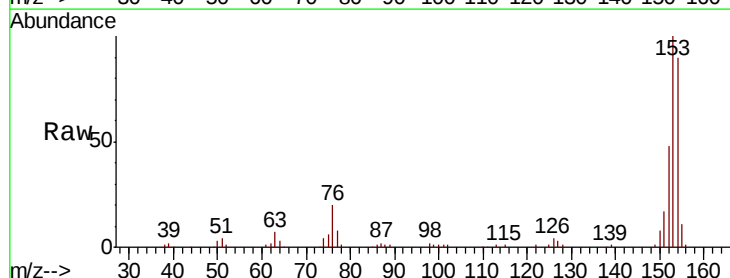
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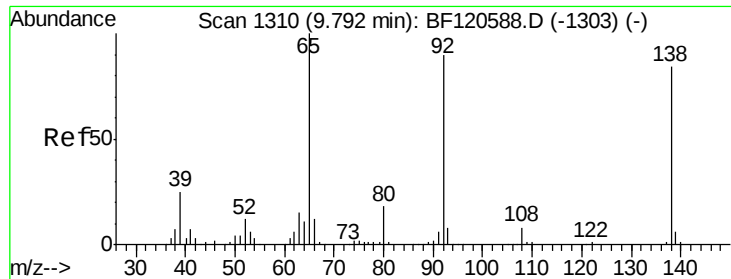
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#52
Acenaphthene
Concen: 5.305 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	81790		
153	111.2		89.1	133.7
152	53.1		43.7	65.5





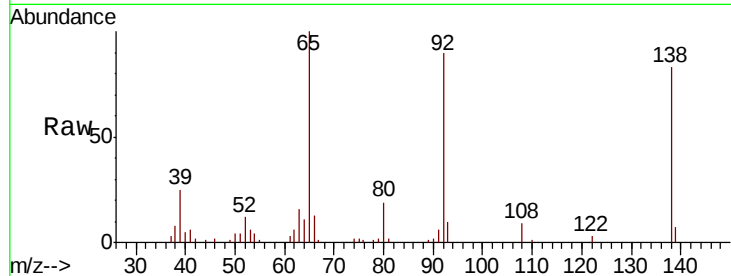
#53
3-Nitroaniline
Concen: 3.975 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.0	12.0
92	108.3	86.0	129.0

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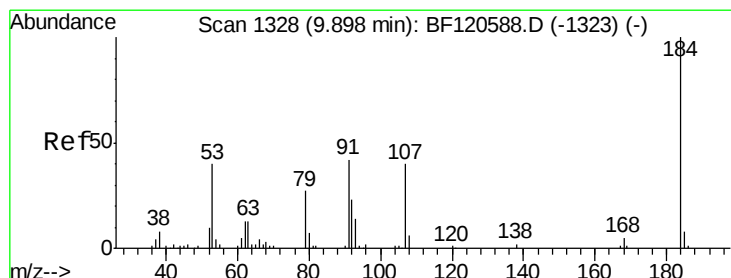
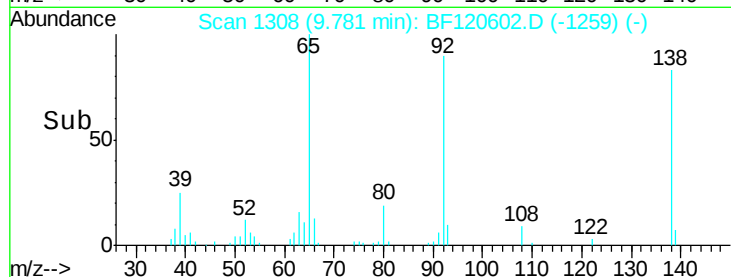
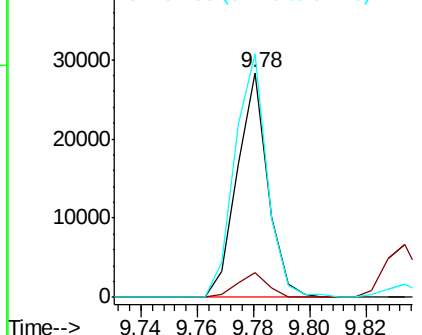


Abundance

Ion 138.00 (137.70 to 138.70): E

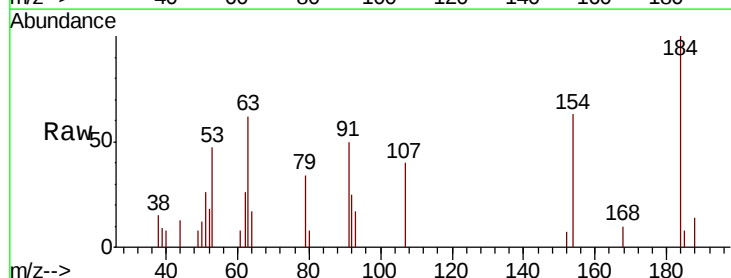
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 1.719 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.4	44.2	66.2
154	62.6	45.9	68.9

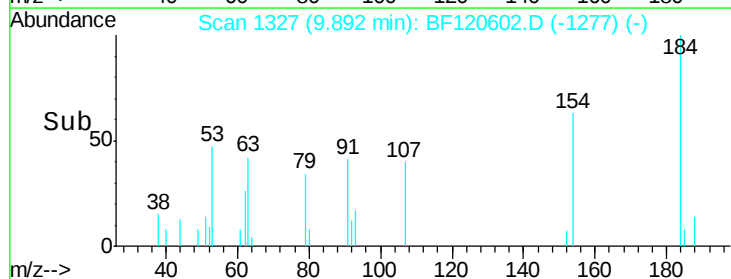
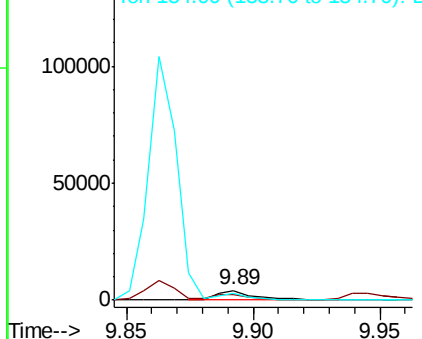


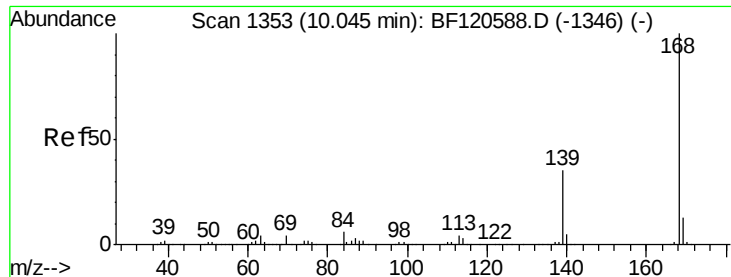
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





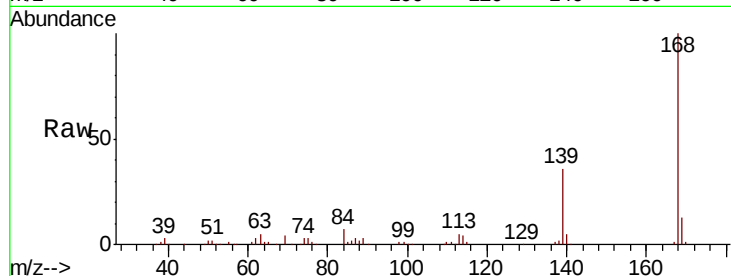
#55
Dibenzenofuran
Concen: 5.468 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	28.1	42.1
169	13.0	10.6	16.0

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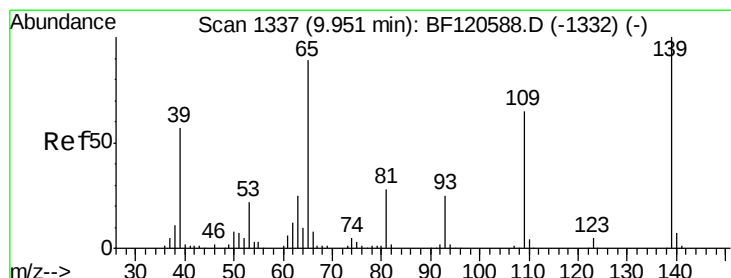
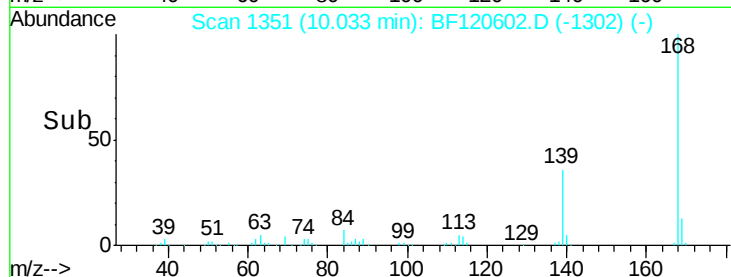
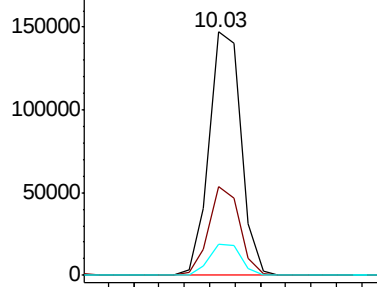


Abundance

Ion 168.00 (167.70 to 168.70): E

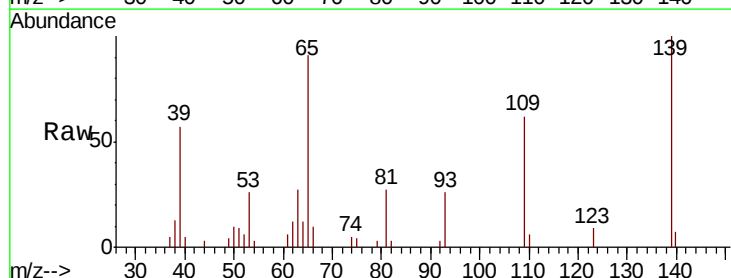
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 3.451 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.3	44.6	84.6
65	91.3	69.2	109.2

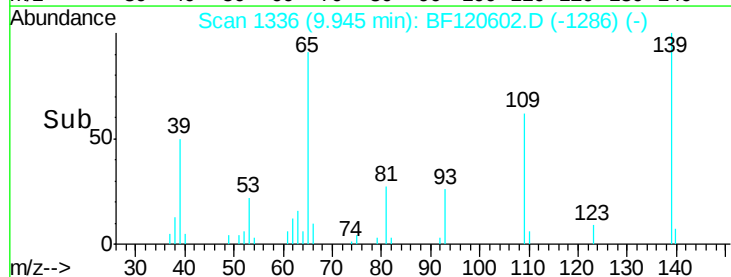
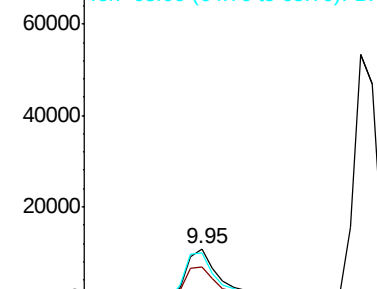


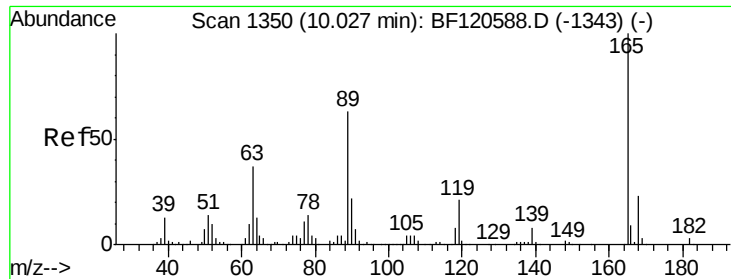
Abundance

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





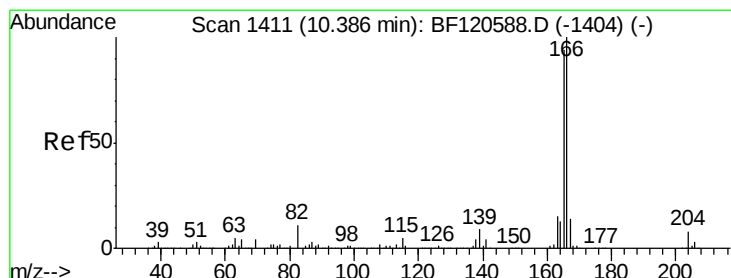
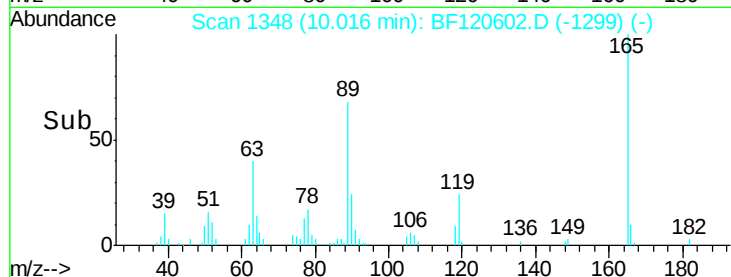
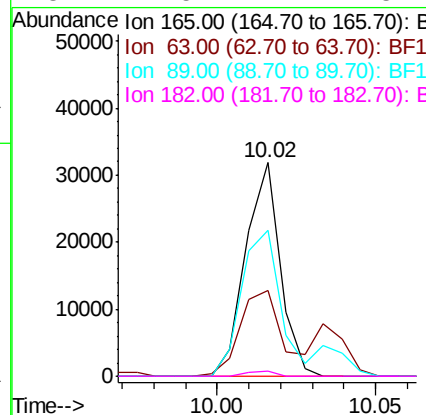
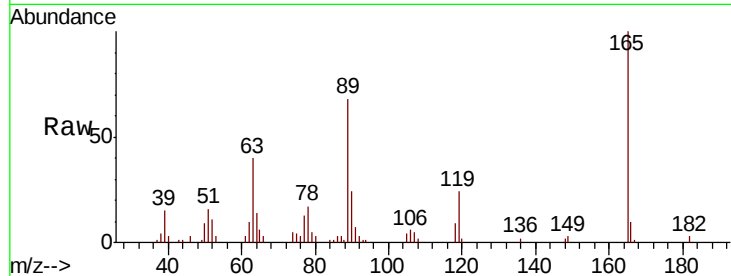
#57
 2,4-Dinitrotoluene
 Concen: 4.052 ng
 RT: 10.02 min Scan# 1348
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.0	29.8	44.8
89	68.0	50.4	75.6
182	2.5	2.1	3.1

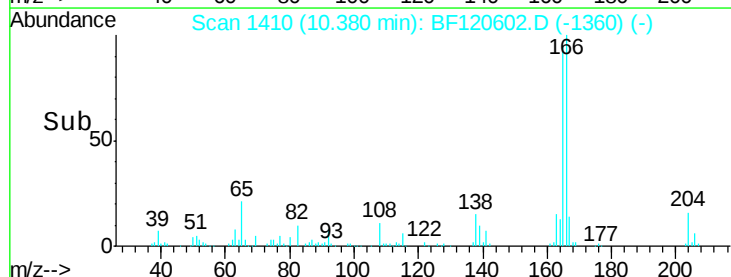
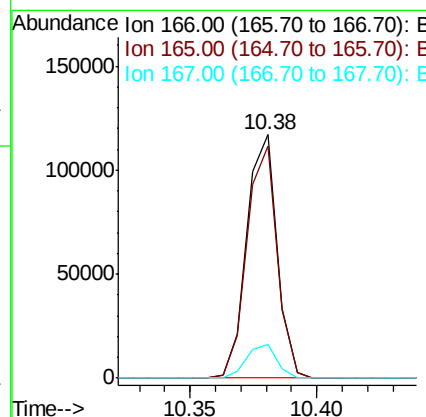
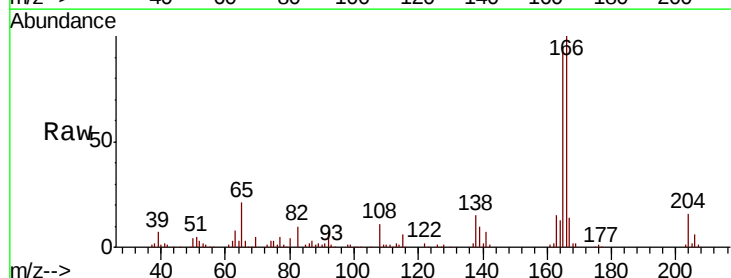
Manual Integrations
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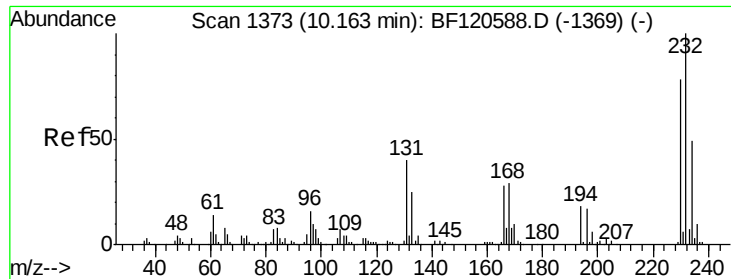
mohammad
 6/15/2020 8:42:52 AM



#58
 Fluorene
 Concen: 5.336 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.1	75.0	112.6
167	13.8	11.0	16.4





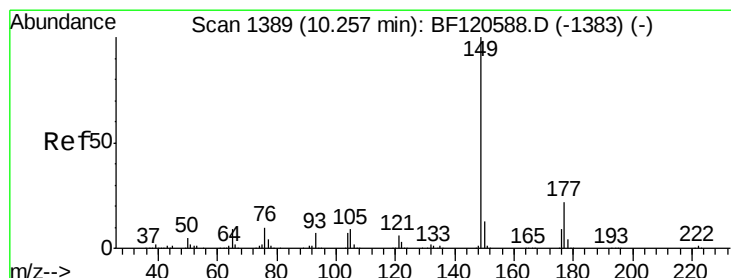
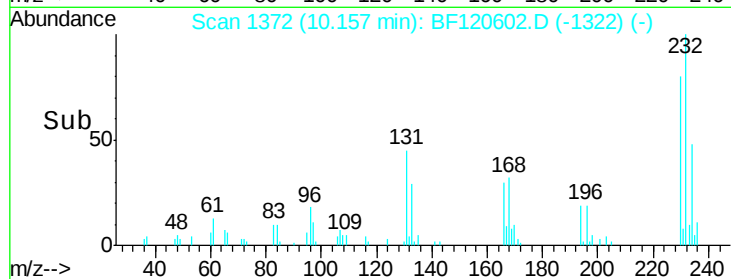
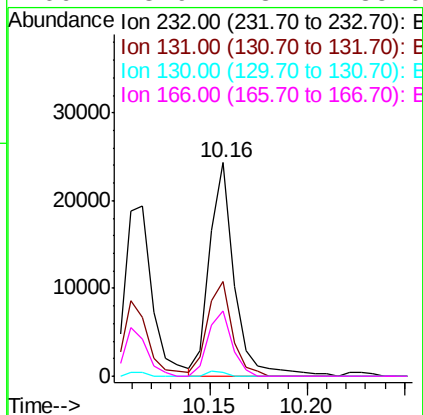
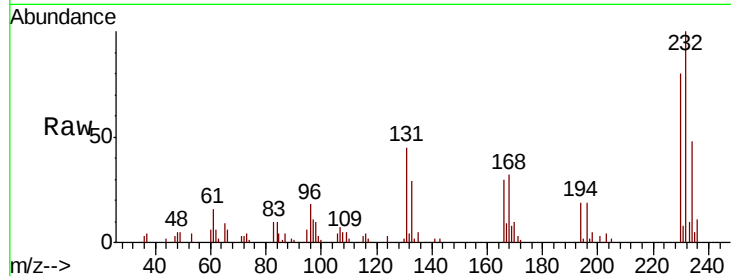
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.190 ng
RT: 10.16 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	33.5	50.3
130	1.6	1.5	2.3
166	28.9	23.4	35.0

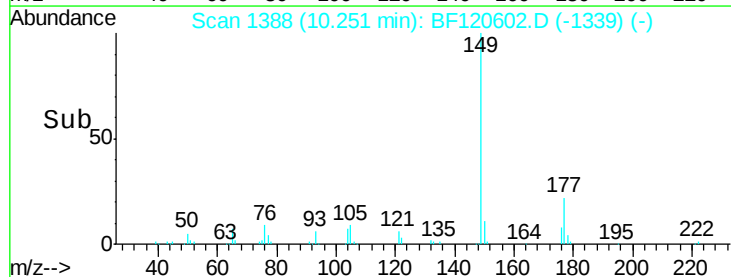
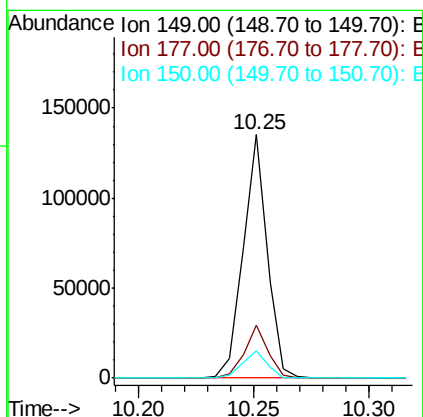
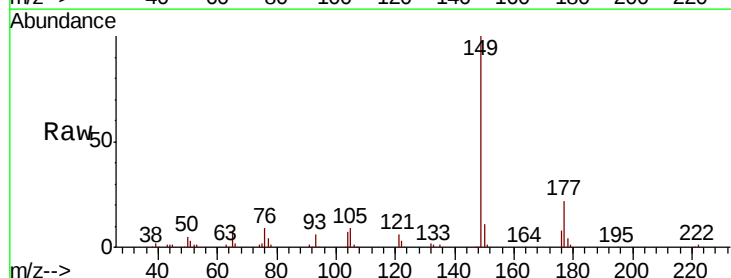
Manual Integrations
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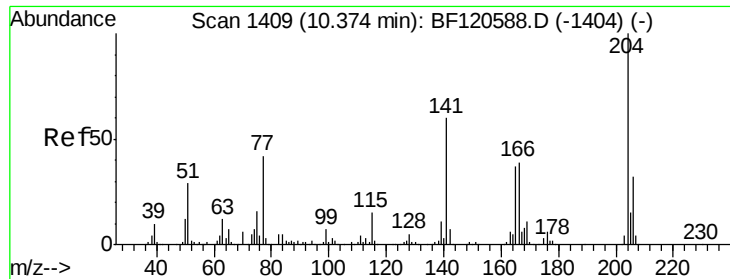
mohammad
6/15/2020 8:42:52 AM



#60
Diethylphthalate
Concen: 5.040 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.3	25.9
150	11.3	10.3	15.5





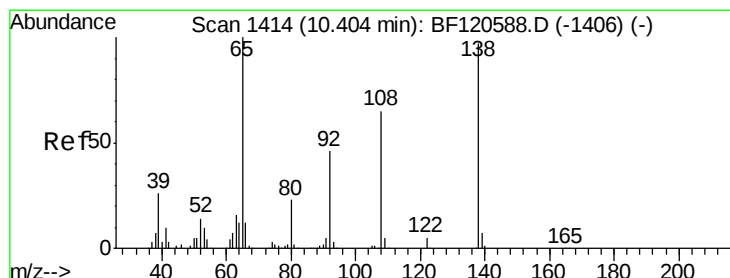
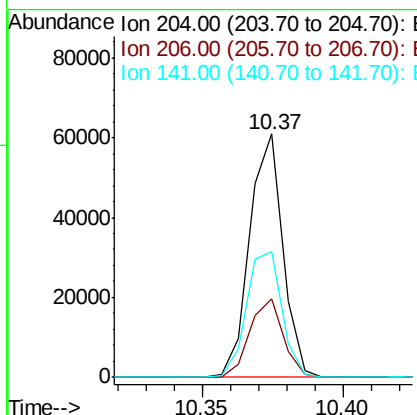
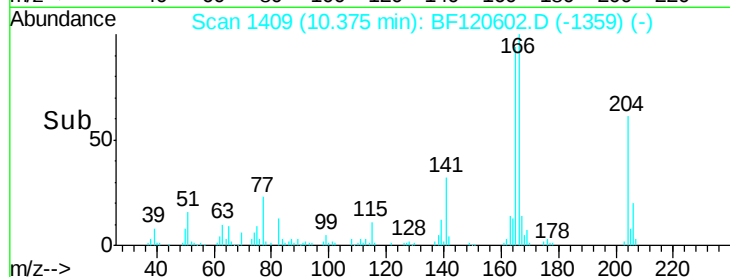
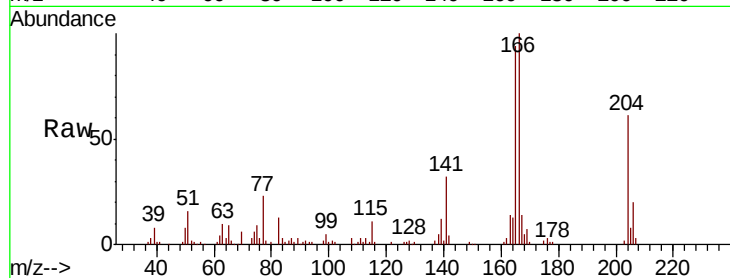
#61
 4-Chlorophenyl-phenylether
 Concen: 5.265 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion:	204	Resp:	49543
Ion Ratio	Lower	Upper	
204	100		
206	32.2	25.9	38.9
141	51.5	47.6	71.4

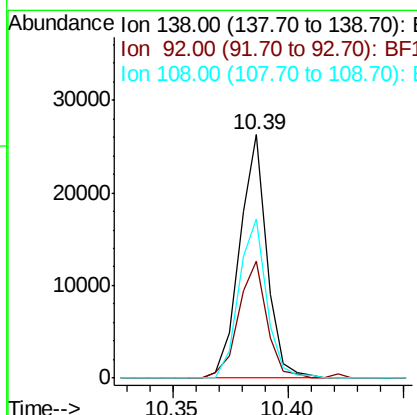
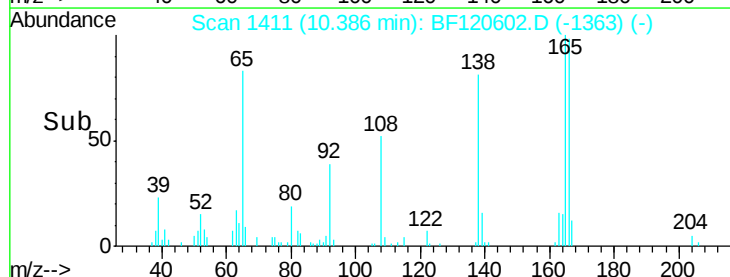
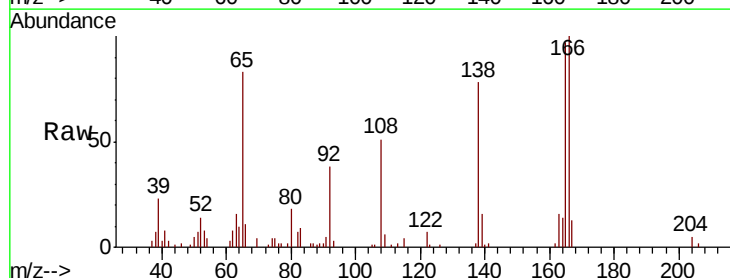
Manual Integrations
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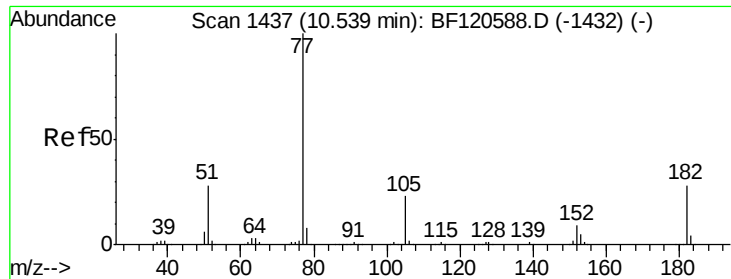
mohammad
 6/15/2020 8:42:52 AM



#62
 4-Nitroaniline
 Concen: 4.056 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion:	138	Resp:	21655
Ion Ratio	Lower	Upper	
138	100		
92	48.2	27.3	67.3
108	65.3	47.4	87.4





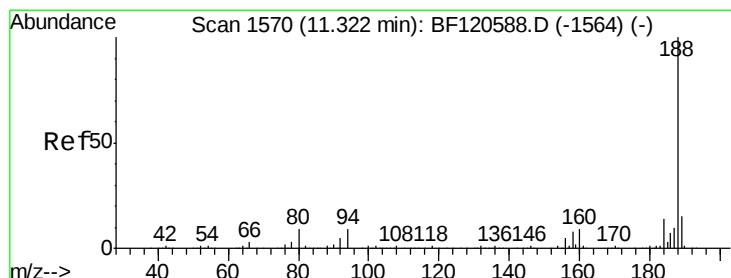
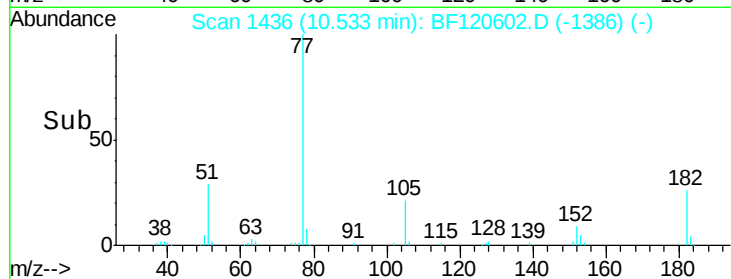
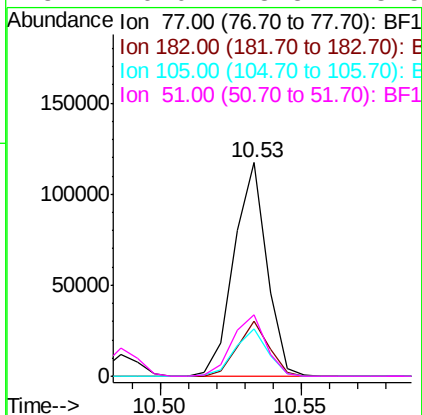
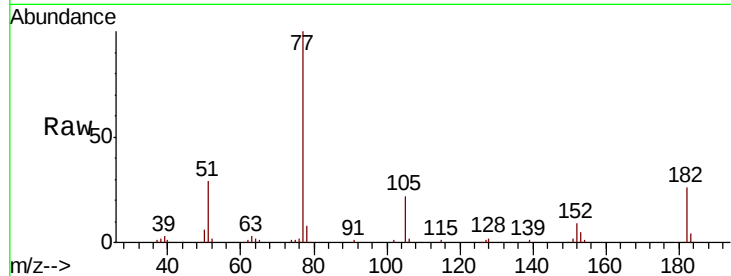
#63
Azobenzene
Concen: 5.365 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	25.9	7.7	47.7		
105	22.3	3.2	43.2		
51	29.0	8.5	48.5		

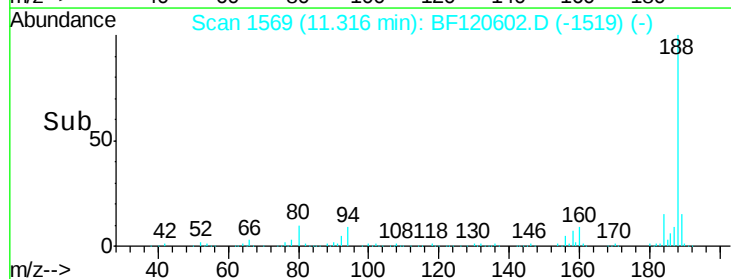
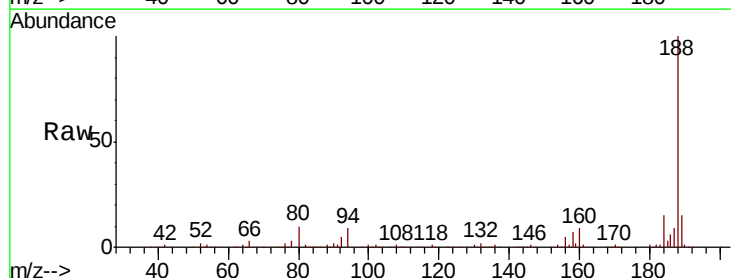
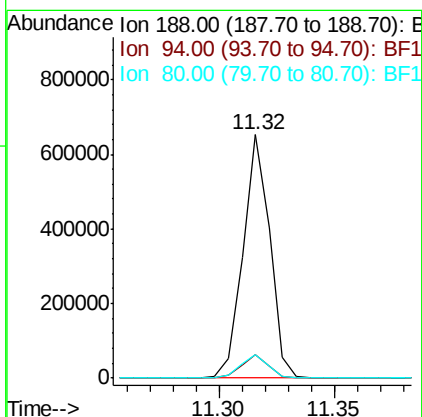
Manual Integrations
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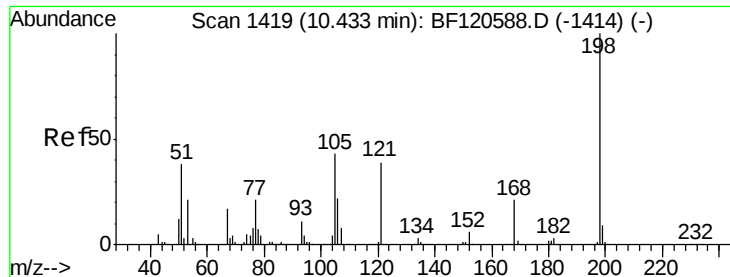
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	7.2	10.8		
80	9.9	7.4	11.2		





#65

4,6-Dinitro-2-methylphenol

Concen: 2.769 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:198 Resp: 8784

Ion Ratio Lower Upper

198 100

51 50.7 24.8 64.8

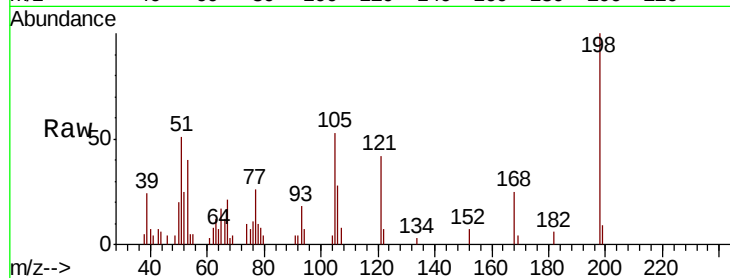
105 53.1 23.9 63.9

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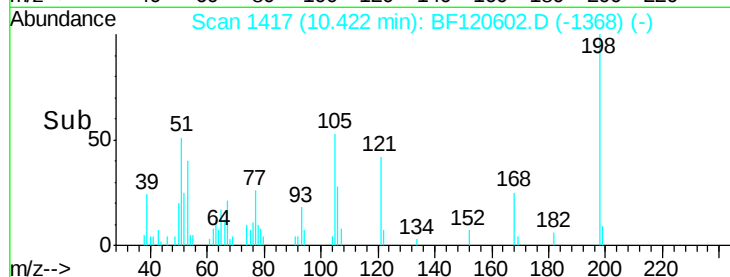


Abundance Ion 198.00 (197.70 to 198.70): E

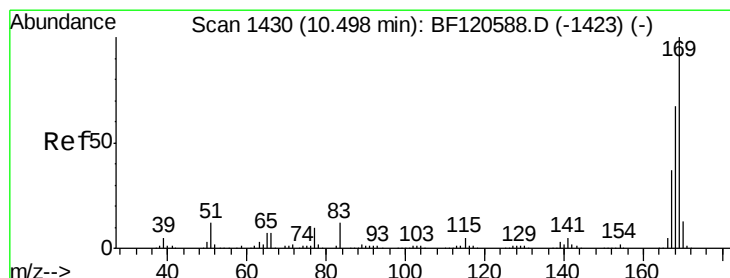
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

Time-->



Time-->



#66

n-Nitrosodiphenylamine

Concen: 5.123 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

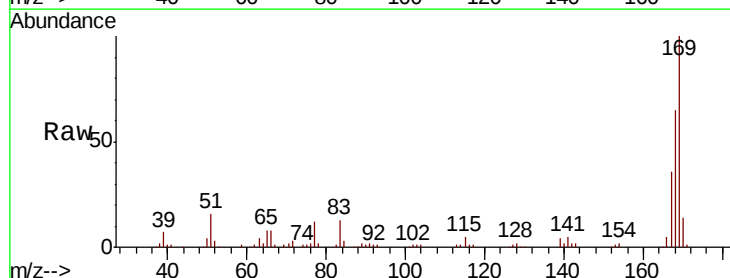
Tgt Ion:169 Resp: 83158

Ion Ratio Lower Upper

169 100

168 65.2 53.7 80.5

167 36.0 29.9 44.9

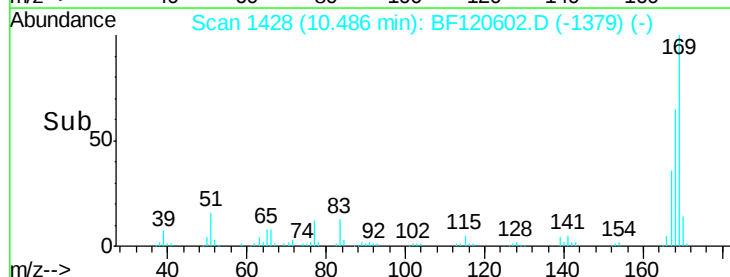


Abundance Ion 169.00 (168.70 to 169.70): E

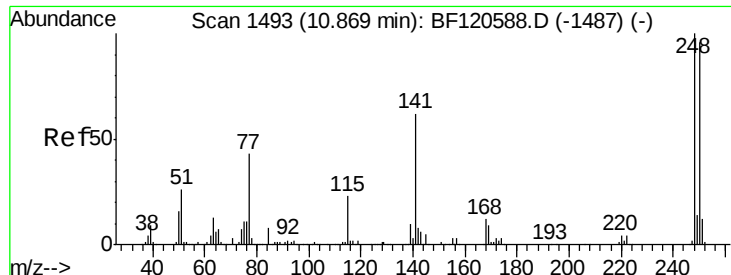
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

Time-->



Time-->



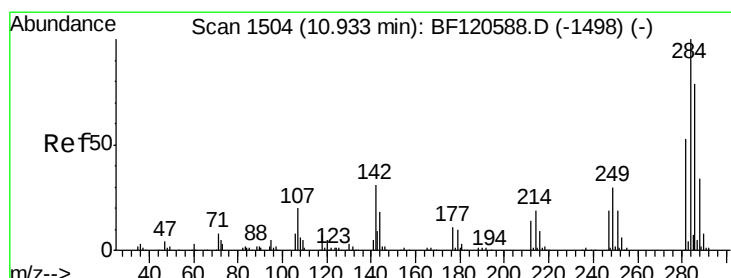
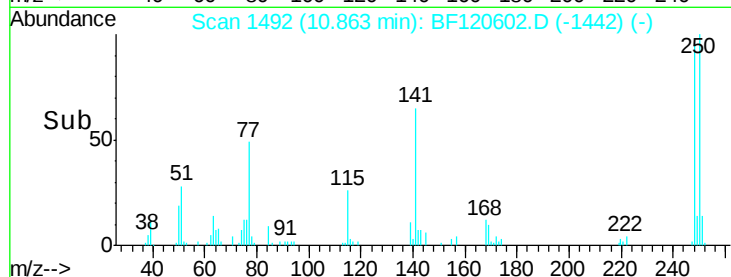
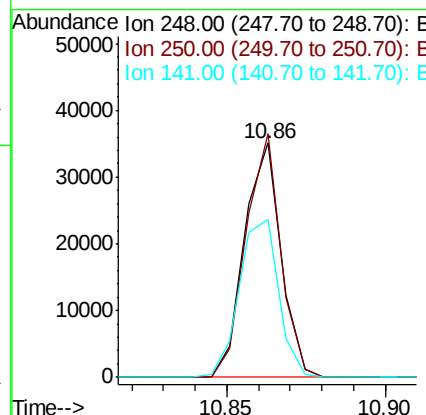
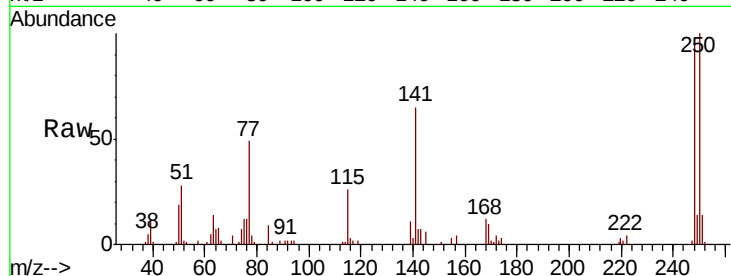
#67
 4-Bromophenyl-phenylether
 Concen: 4.662 ng
 RT: 10.86 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	103.9	76.7	115.1
141	67.2	49.4	74.0

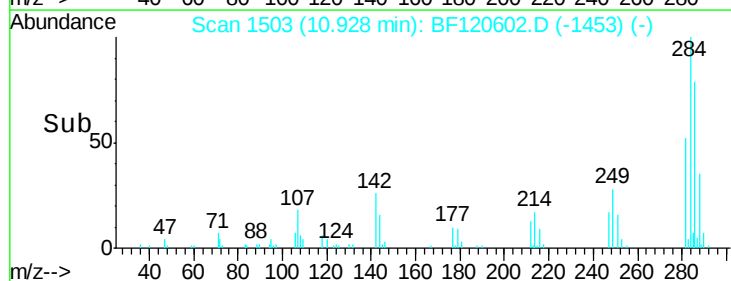
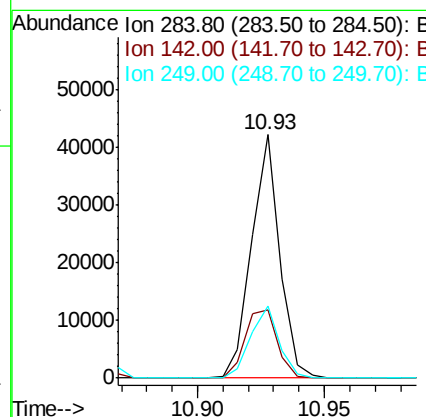
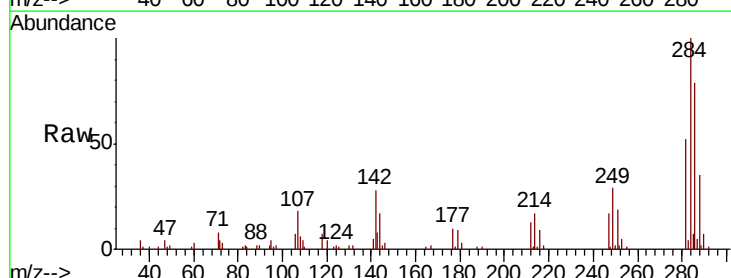
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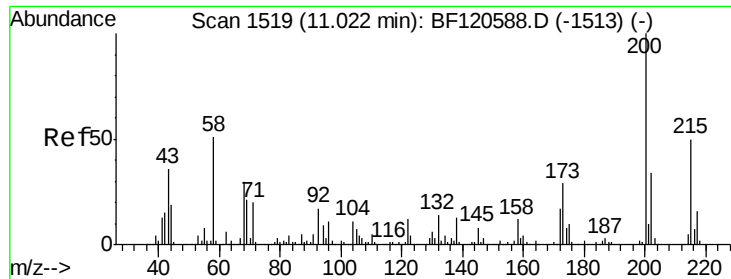
mohammad
 6/15/2020 8:42:52 AM



#68
 Hexachlorobenzene
 Concen: 5.052 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.3	25.1	37.7
249	29.4	24.0	36.0





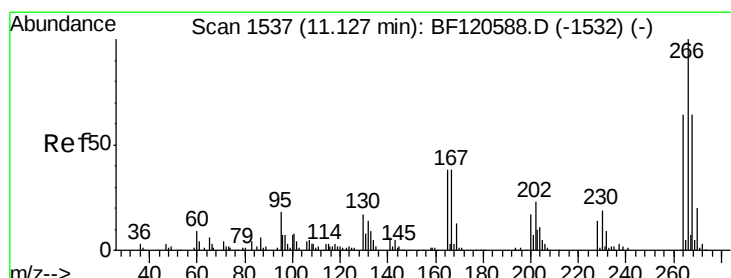
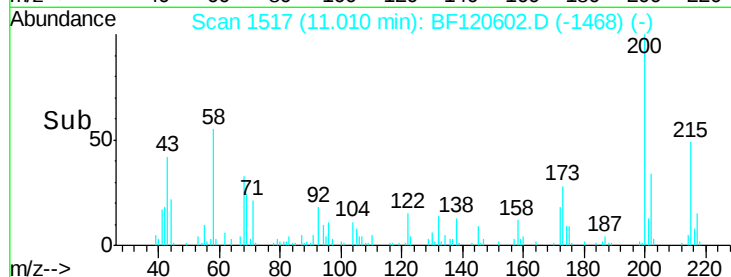
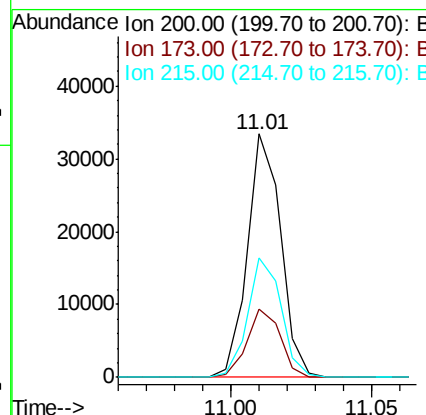
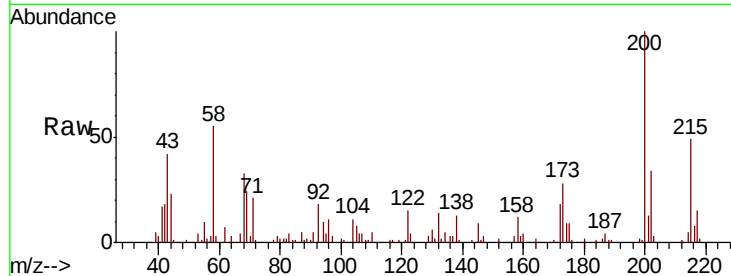
#69
Atrazine
Concen: 5.432 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.2	9.1	49.1
215	49.3	29.8	69.8

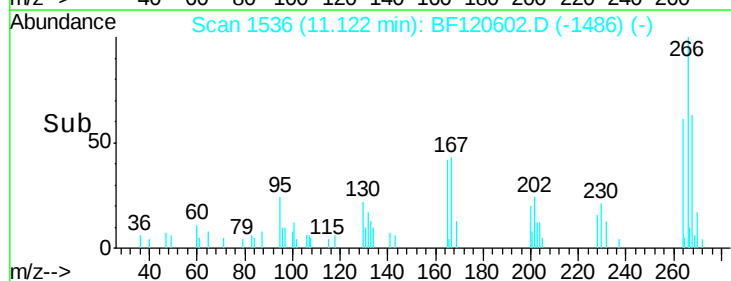
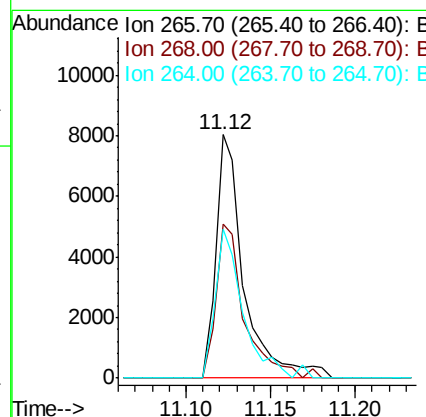
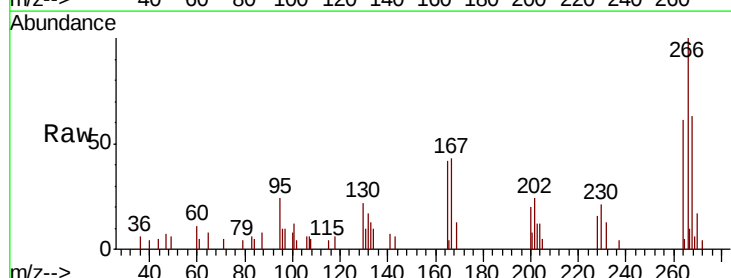
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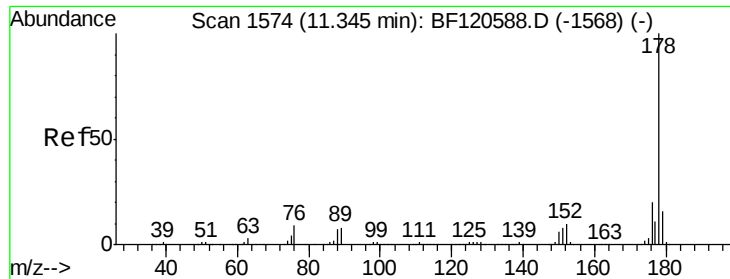
mohammad
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#70
Pentachlorophenol
Concen: 2.592 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.7	51.4	77.0
264	66.6	50.8	76.2





#71

Phenanthrene

Concen: 5.400 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

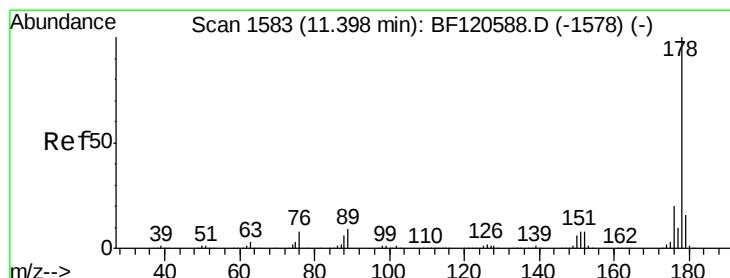
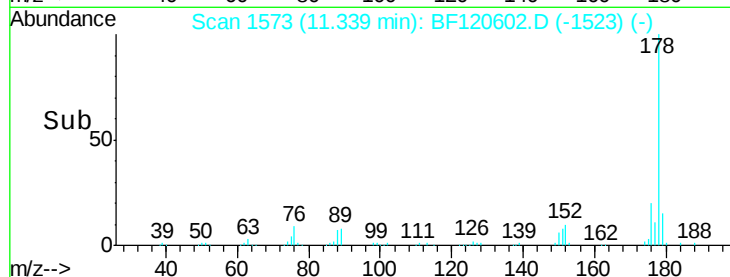
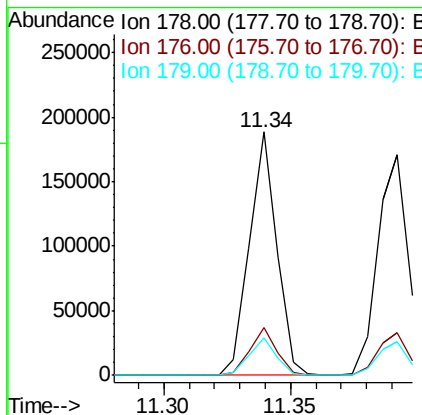
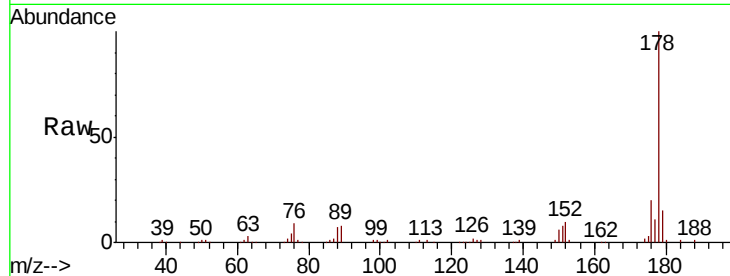
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:178	Resp:	141910
Ion Ratio	Lower	Upper
178	100	
176	19.7	15.9 23.9
179	15.2	12.8 19.2

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#72

Anthracene

Concen: 5.457 ng

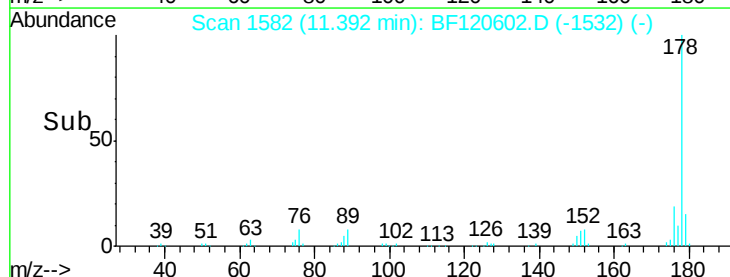
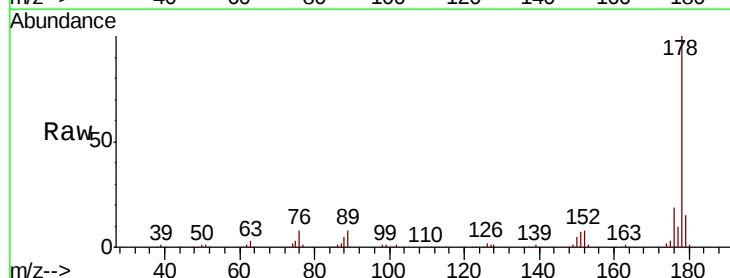
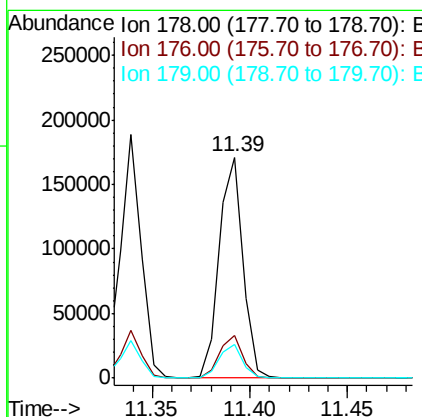
RT: 11.39 min Scan# 1582

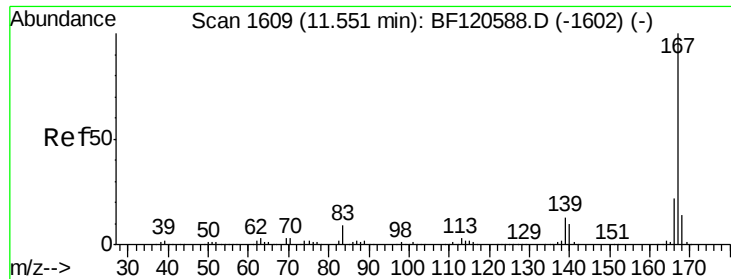
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:178	Resp:	144550
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.6 23.4
179	15.3	12.9 19.3





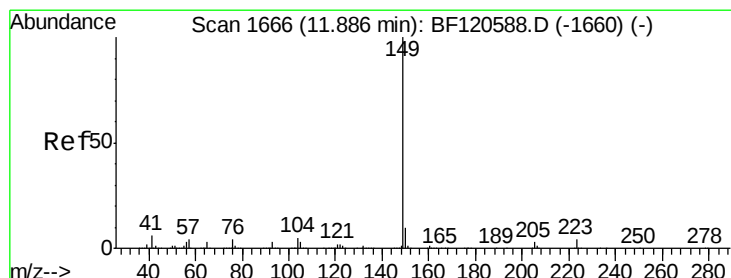
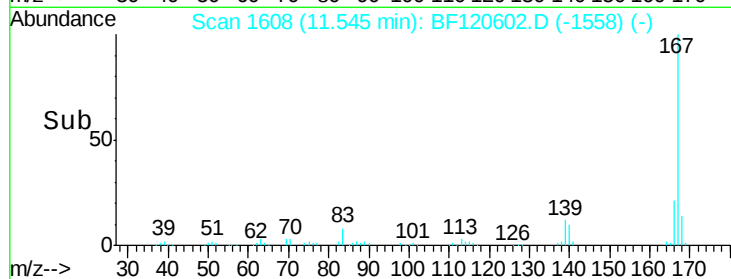
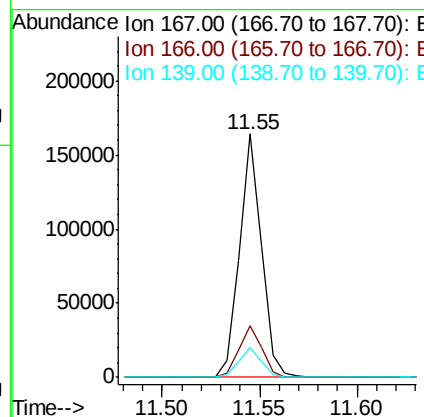
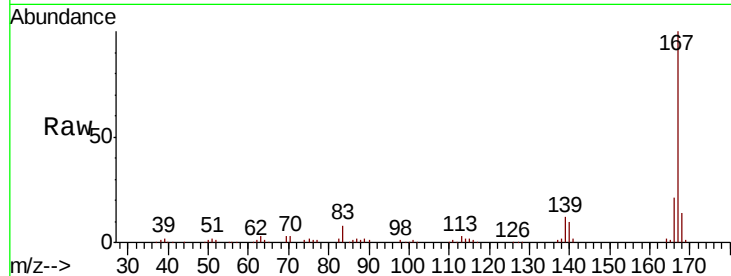
#73
 Carbazole
 Concen: 4.885 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp	Lower	Upper
167	100	128089		
166	21.1		17.2	25.8
139	12.2		10.1	15.1

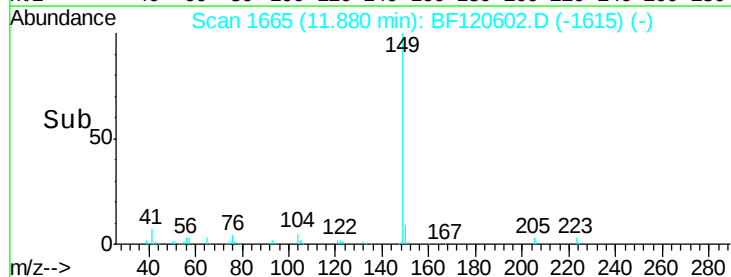
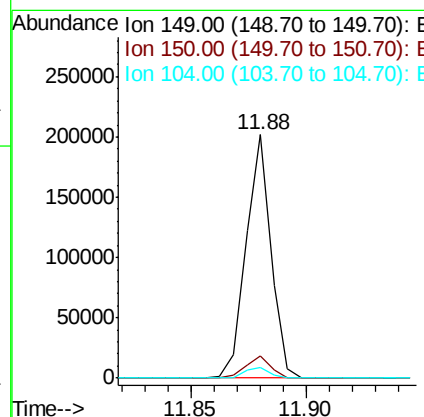
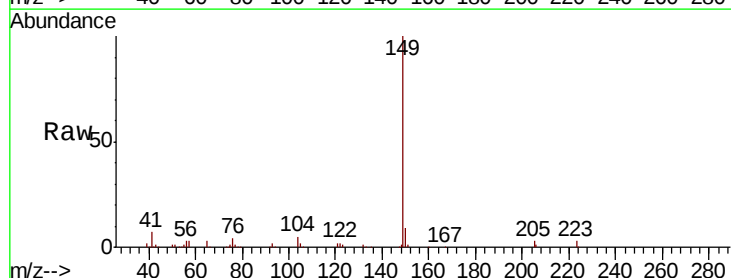
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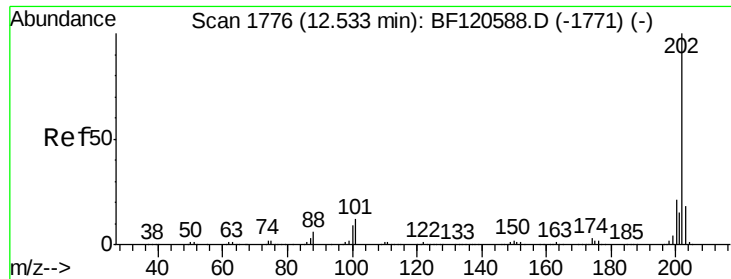
mohammad
 6/15/2020 8:42:52 AM



#74
 Di-n-butylphthalate
 Concen: 5.158 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	152038		
150	8.8		7.7	11.5
104	4.5		3.7	5.5





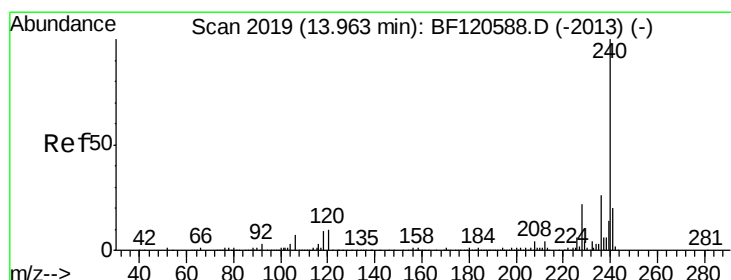
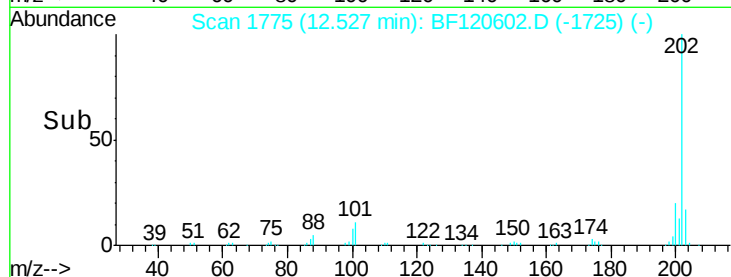
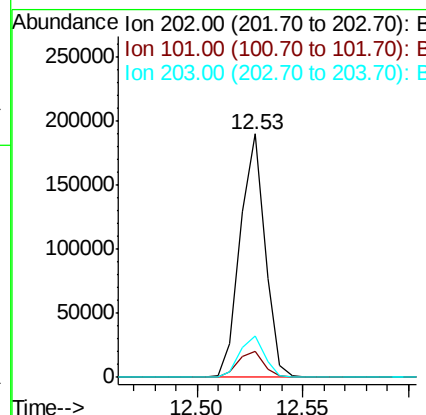
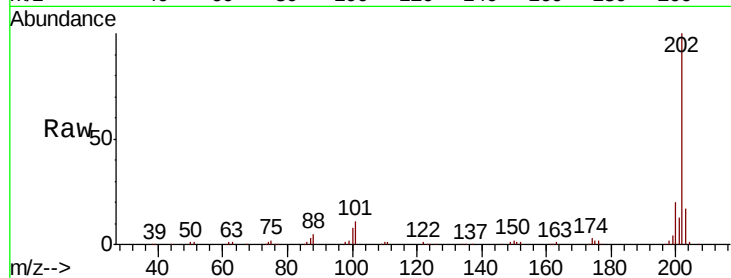
#75
 Fluoranthene
 Concen: 5.116 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	32.0
203	16.9	0.0	38.3

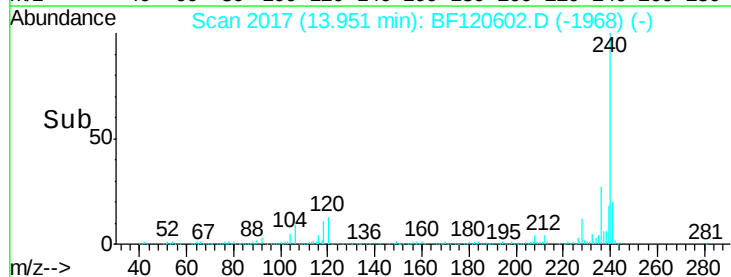
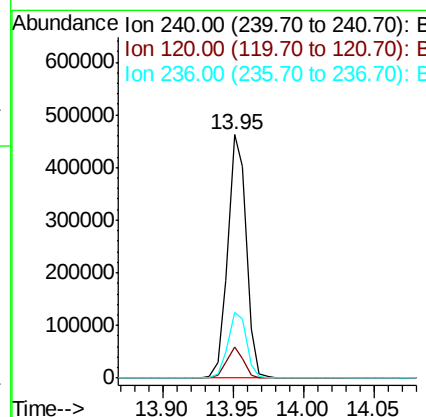
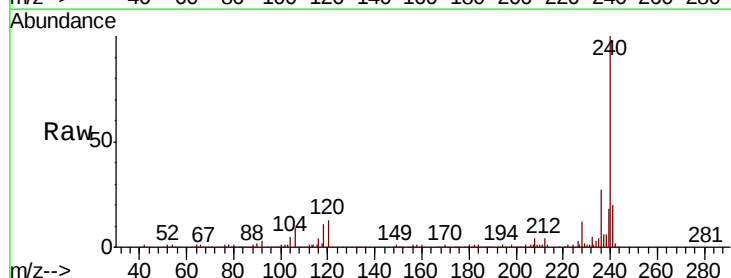
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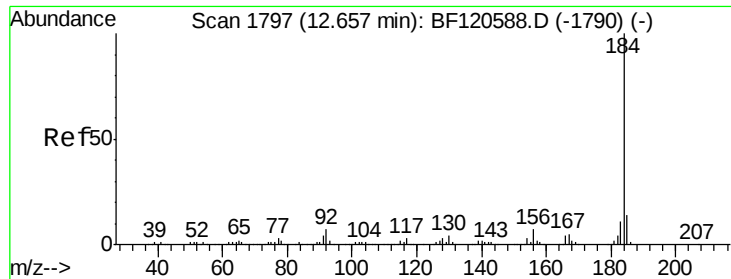
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.7	8.3	12.5#
236	26.8	21.0	31.4





#77

Benzidine

Concen: 5.484 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

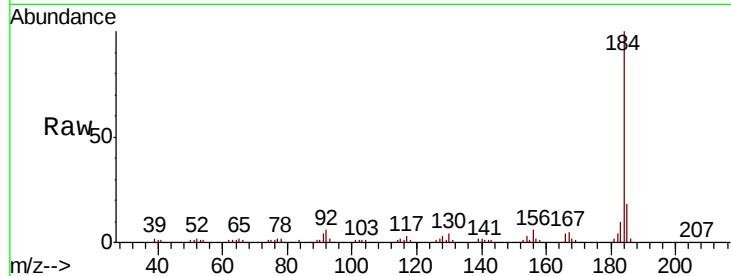
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

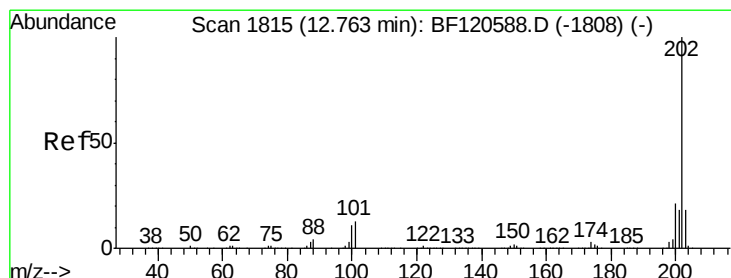
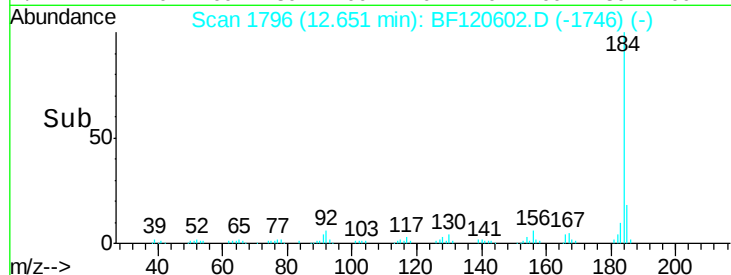
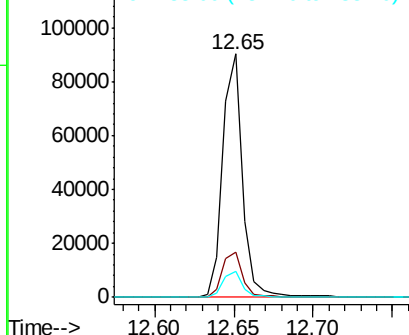
Tot Ion:184	Resp:	78019
Ion Ratio	Lower	Upper
184	100	
185	18.4	11.4 17.0#
183	10.4	9.0 13.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 5.380 ng

RT: 12.76 min Scan# 1814

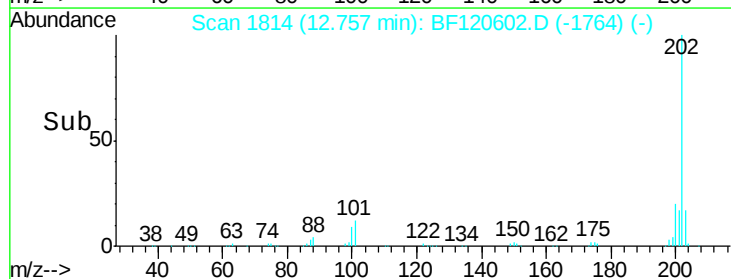
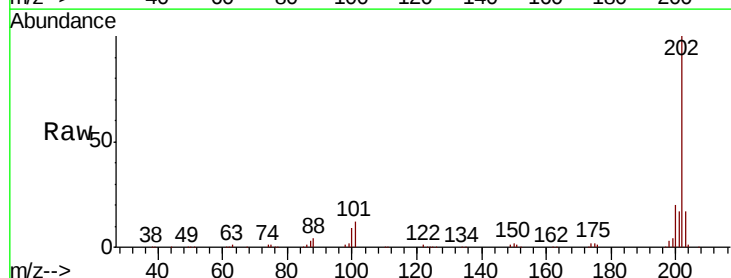
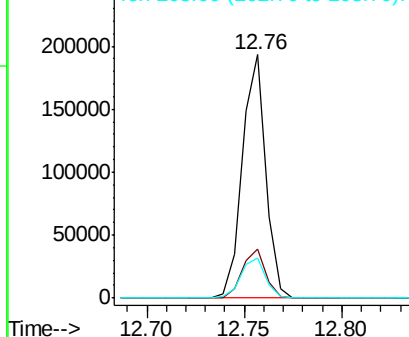
Delta R.T. -0.01 min

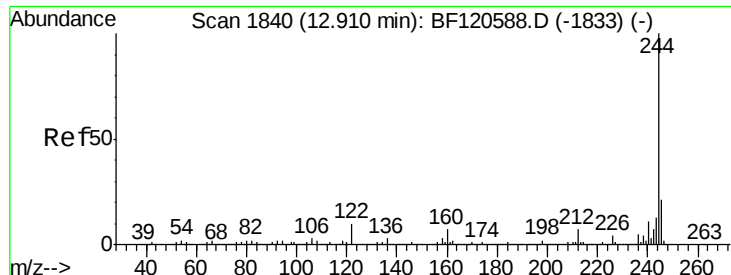
Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:202	Resp:	160307
Ion Ratio	Lower	Upper
202	100	
200	20.2	16.8 25.2
203	16.6	14.3 21.5

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





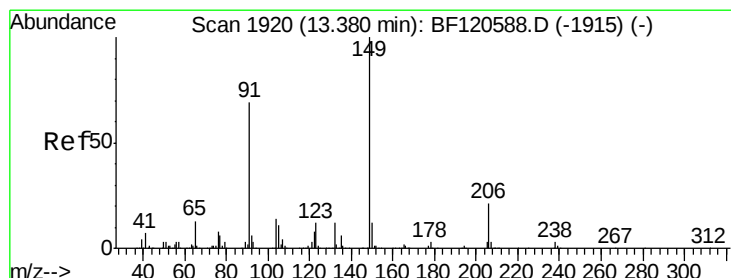
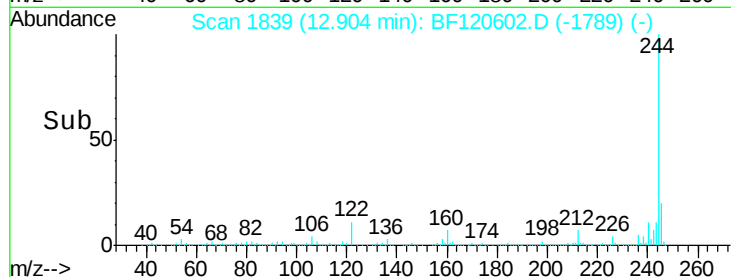
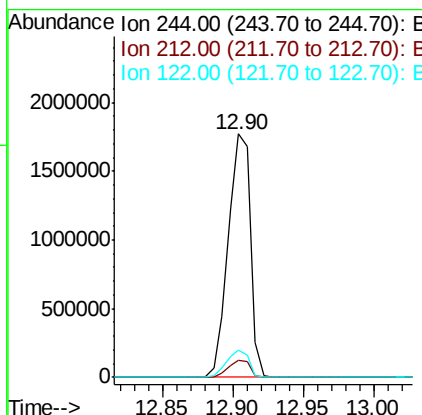
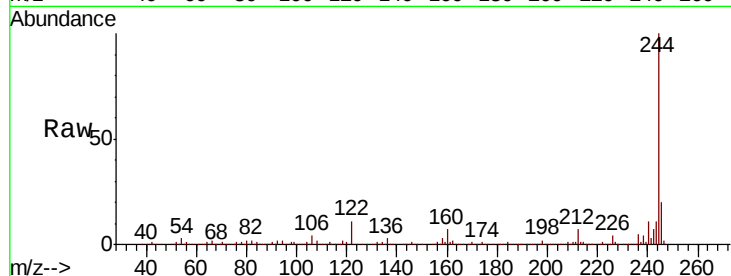
#79
 Terphenyl-d14
 Concen: 101.375 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	11.4	8.3	12.5

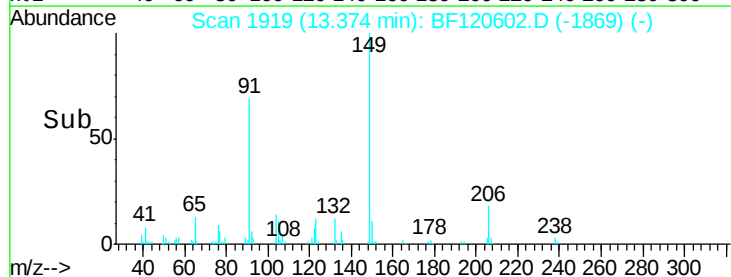
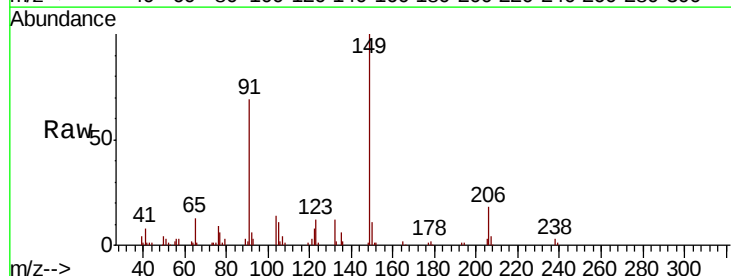
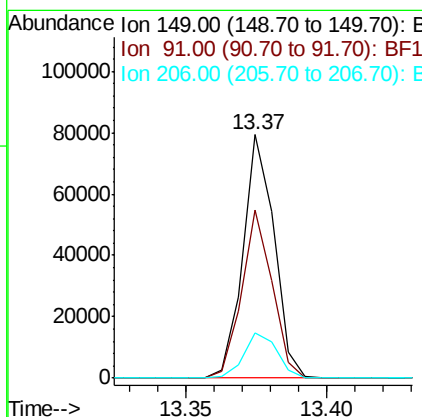
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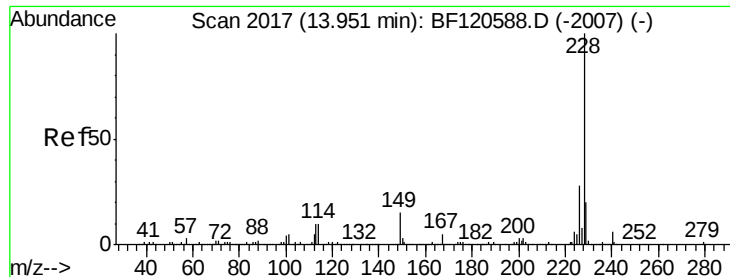
mohammad
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#80
 Butylbenzylphthalate
 Concen: 4.589 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.0	55.4	83.0
206	18.4	17.0	25.4





#81

Benzo(a)anthracene

Concen: 5.865 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

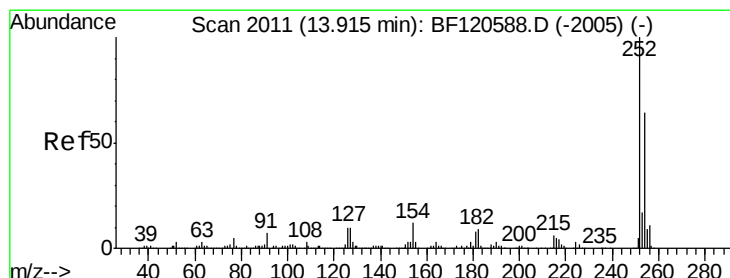
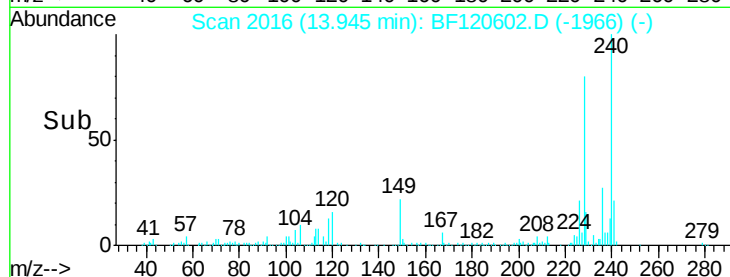
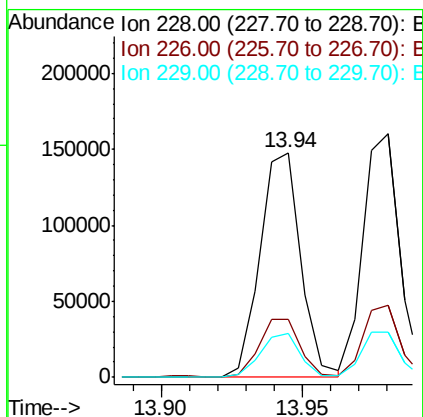
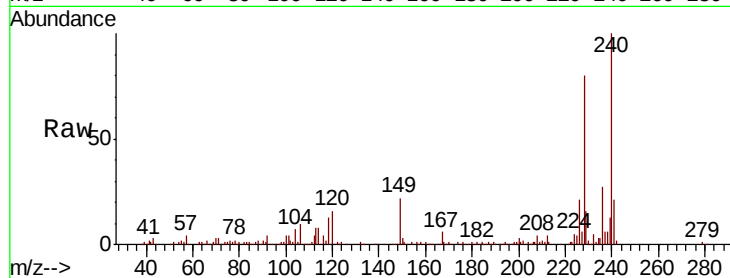
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	228	Resp:	148224
Ion Ratio		Lower	Upper
228	100		
226	25.9	22.5	33.7
229	19.6	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 5.643 ng

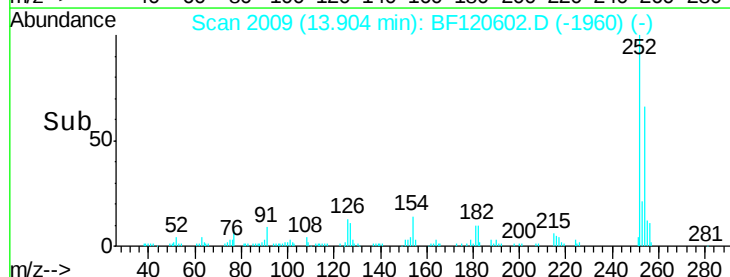
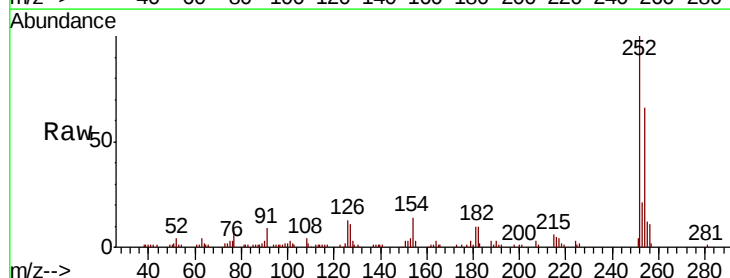
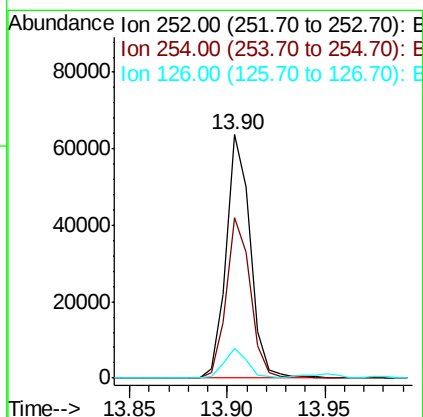
RT: 13.90 min Scan# 2009

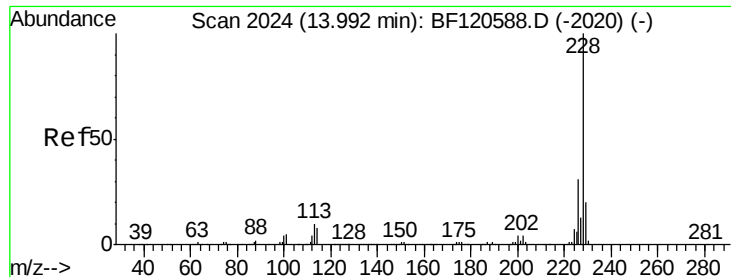
Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Tgt Ion:	252	Resp:	54468
Ion Ratio		Lower	Upper
252	100		
254	66.1	51.4	77.2
126	12.5	7.9	11.9#





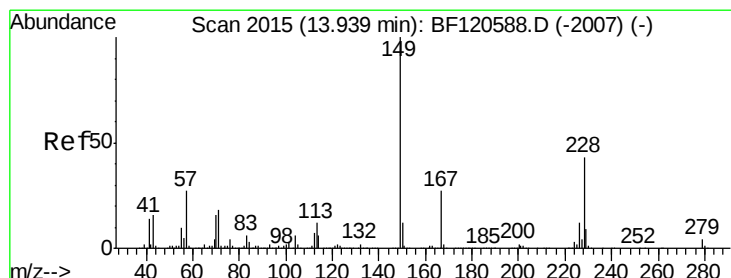
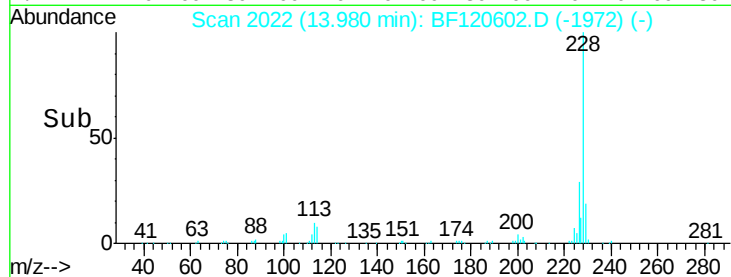
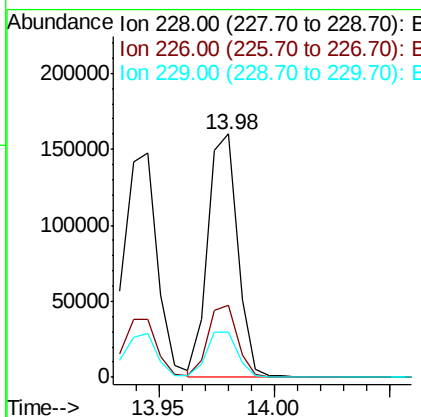
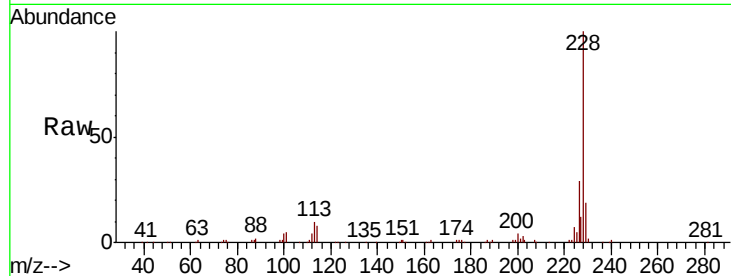
#83
 Chrvsene
 Concen: 5.539 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.9	37.3
229	18.6	16.1	24.1

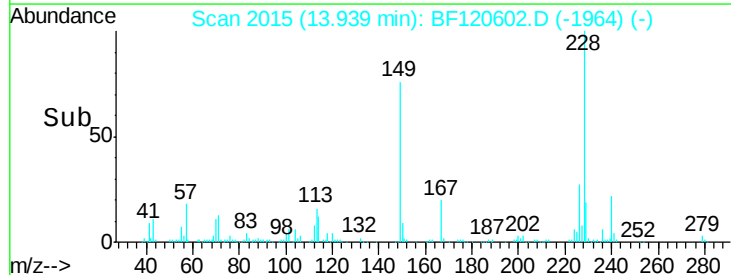
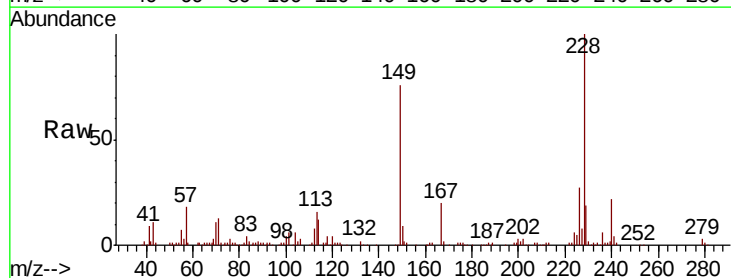
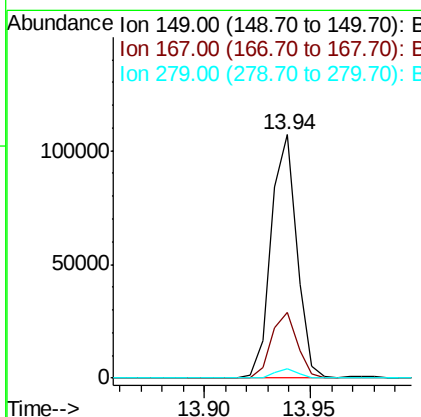
Manual Integrations
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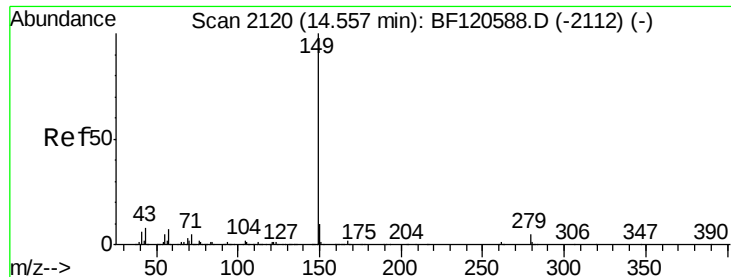
mohammad
 6/15/2020 8:42:52 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 5.613 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. 0.00 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.0	33.0
279	4.1	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 4.849 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120602.D

Acq: 11 Jun 2020 14:58

Instrument :

BNA_F

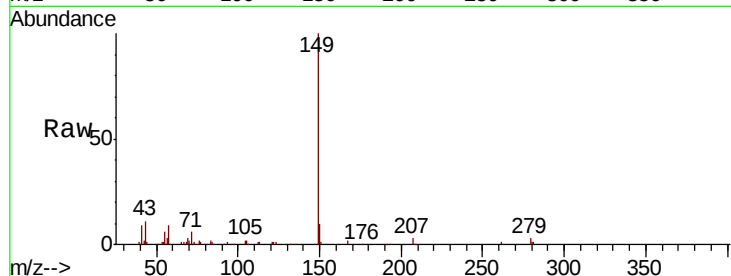
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

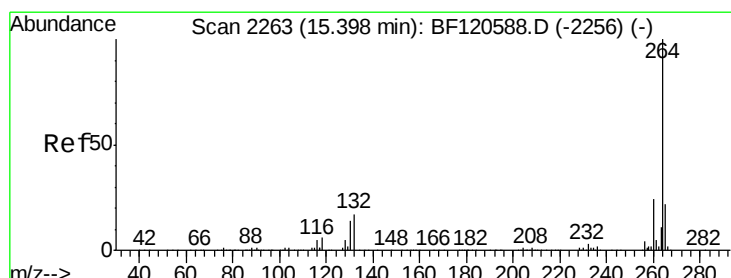
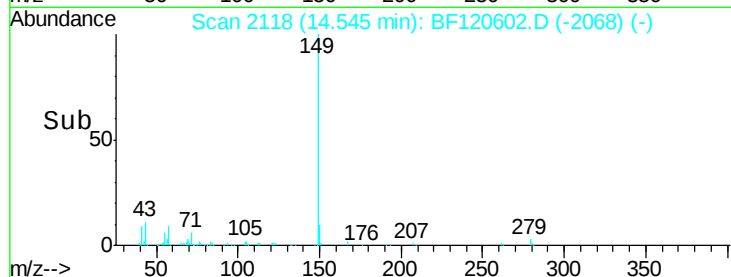
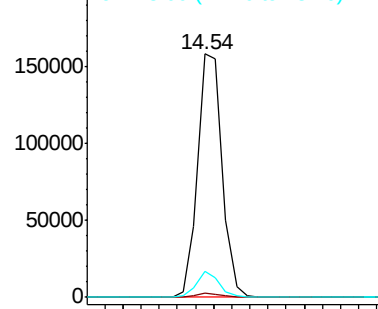
Tot Ion:	149	Resp:	149443
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	9.9	7.6	11.4

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Perylene-d12

Concen: 20.000 ng

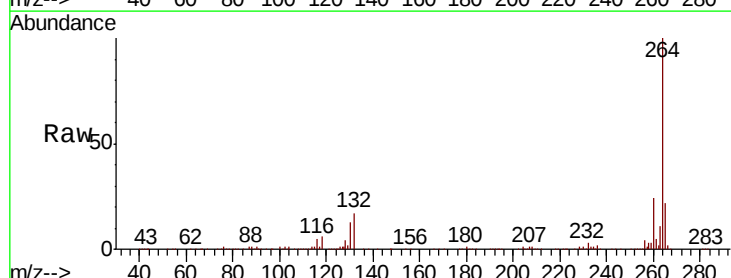
RT: 15.39 min Scan# 2262

Delta R.T. -0.01 min

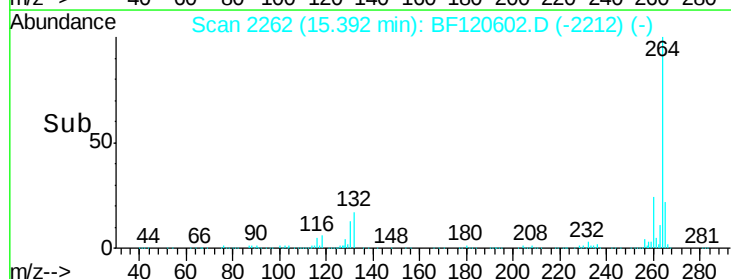
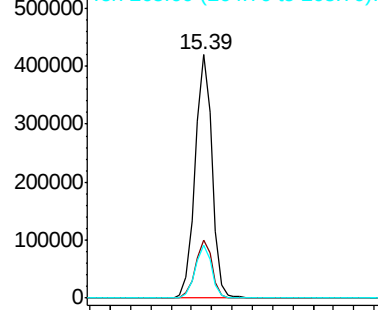
Lab File: BF120602.D

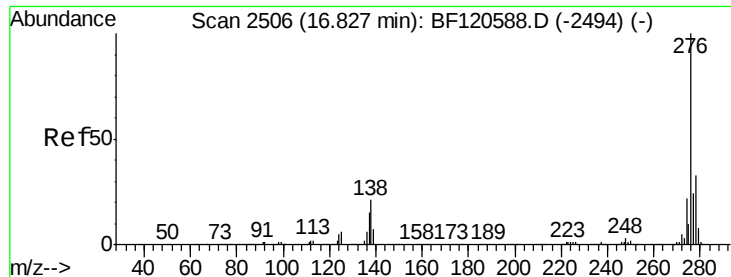
Acq: 11 Jun 2020 14:58

Tgt Ion:	264	Resp:	487022
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.3	28.9
265	21.6	17.8	26.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





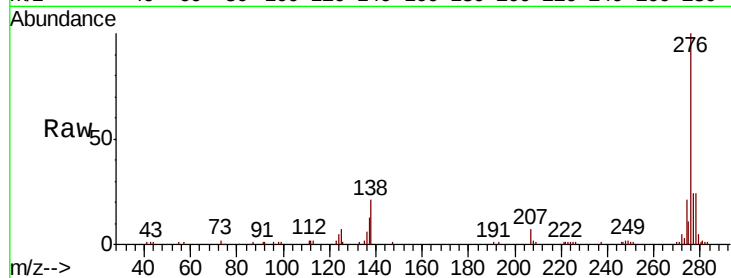
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.298 ng
 RT: 16.80 min Scan# 2501
 Delta R.T. -0.03 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.5	18.9	28.3
277	24.1	20.2	30.2

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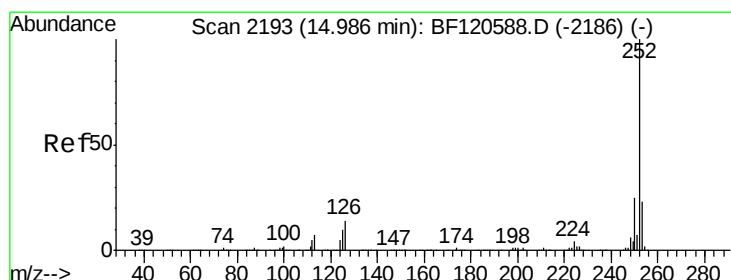
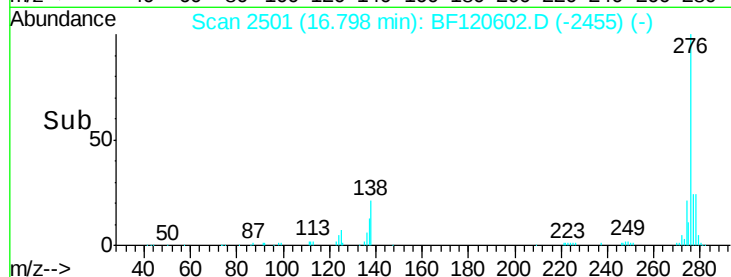
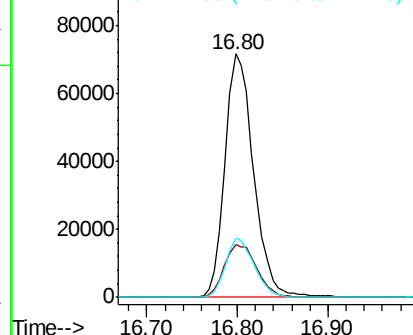


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#88
 Benzo(b)fluoranthene
 Concen: 4.614 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120602.D
 Acq: 11 Jun 2020 14:58

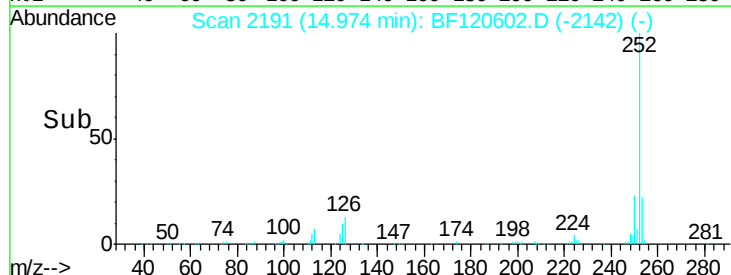
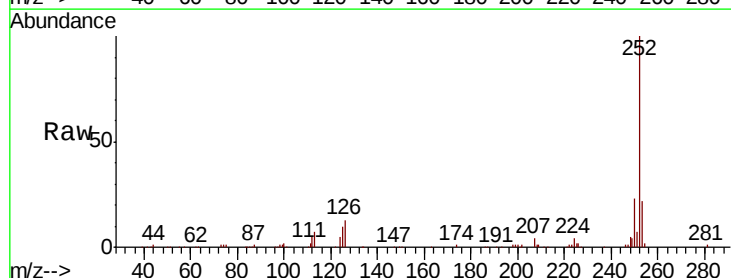
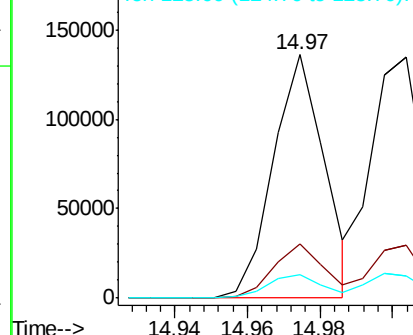
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	9.7	8.3	12.5

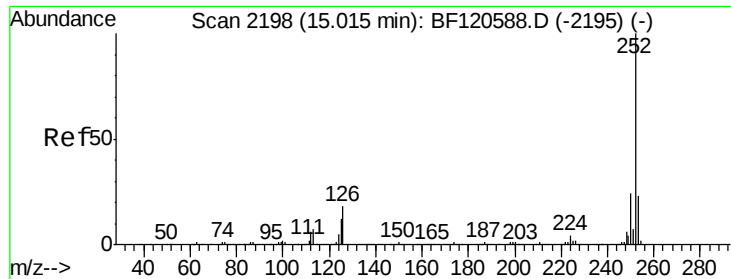
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





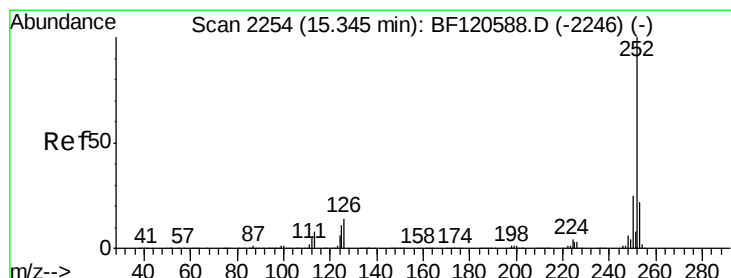
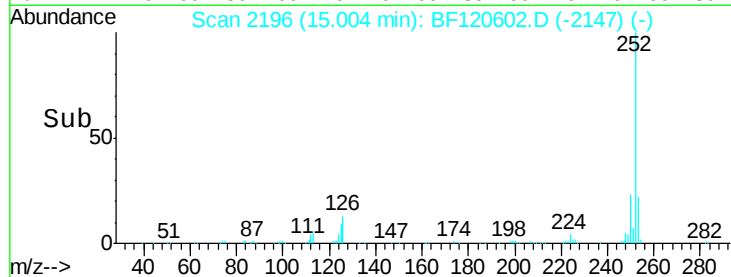
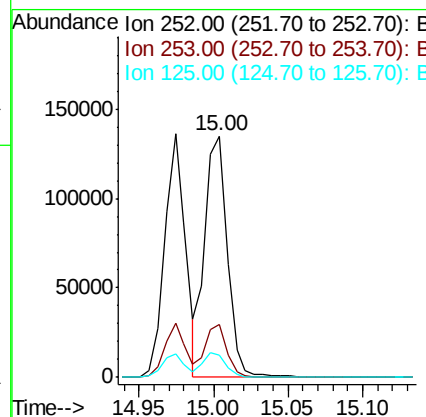
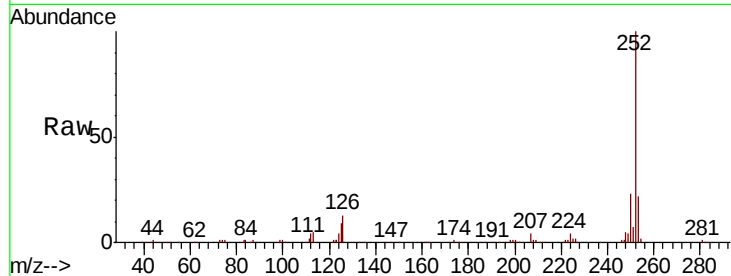
#89
Benzo(k)fluoranthene
Concen: 5.503 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	9.2	8.3	12.5

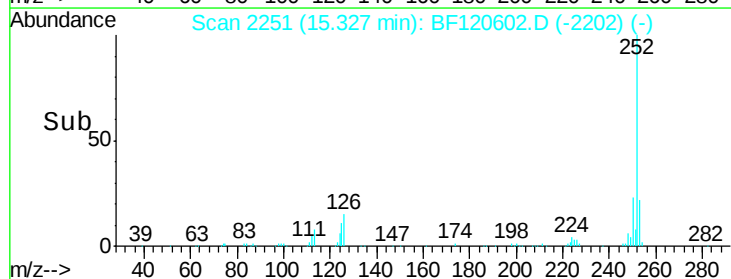
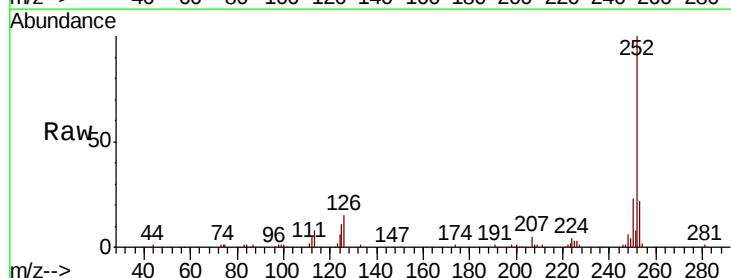
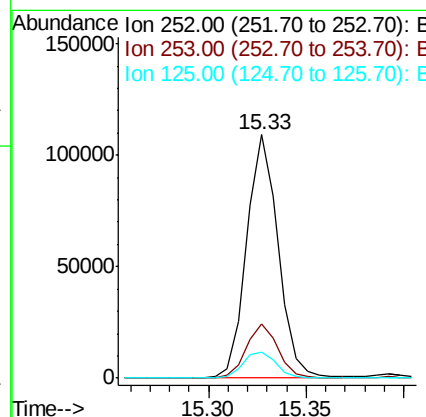
Manual Integrations
APPROVED

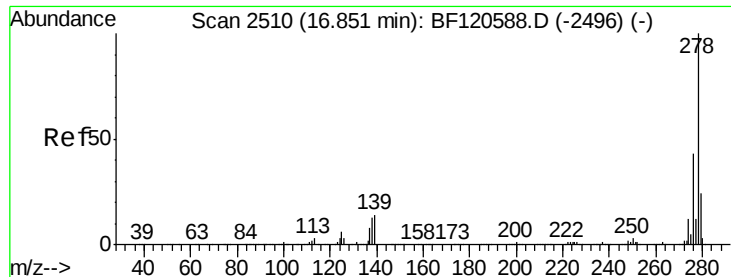
mohammad
6/15/2020 8:42:52 AM



#90
Benzo(a)pyrene
Concen: 4.708 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	10.9	8.6	12.8





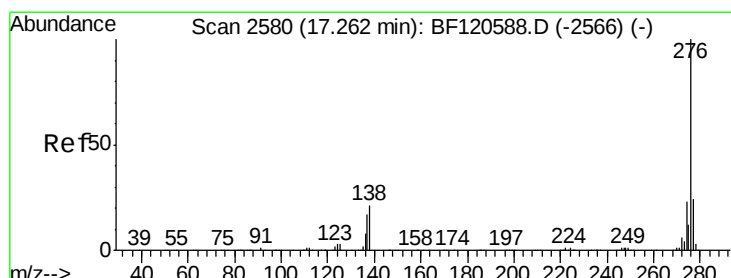
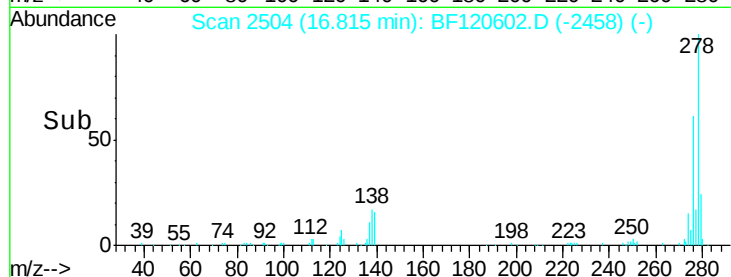
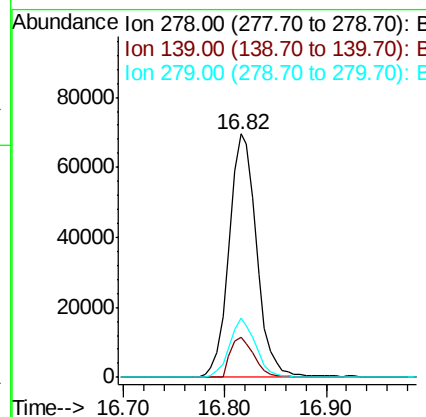
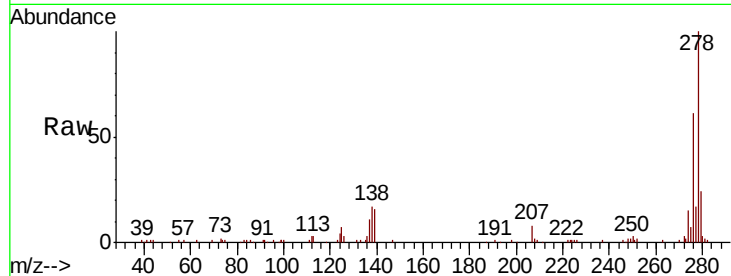
#91
Dibenzo(a,h)anthracene
Concen: 5.544 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.03 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	11.4	17.2
279	24.1	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:42:52 AM



#92
Benzo(g,h,i)perylene
Concen: 5.465 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BF120602.D
Acq: 11 Jun 2020 14:58

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.6	29.4
138	21.2	16.5	24.7

