

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061120\
 Data File : BF120603.D
 Acq On : 11 Jun 2020 15:27
 Operator : JU/CG
 Sample : L1161-07
 Misc : LOD-MDL-WTR-8PPM
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/15/2020 8:42:54 AM

Quant Time: Jun 11 16:00:41 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	141283	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	513374	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	272876	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	521585	20.00	ng	0.00
76) Chrysene-d12	13.95	240	425065	20.00	ng	-0.01
86) Perylene-d12	15.39	264	473014	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1214556	147.38	ng	0.00
7) Phenol-d6	6.43	99	1534167	149.47	ng	0.00
23) Nitrobenzene-d5	7.36	82	963358	104.89	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	469305	147.93	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1725039	96.72	ng	0.00
79) Terphenyl-d14	12.90	244	1960003	101.85	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.47	88	29701	7.605	ng	99
3) Pyridine	3.27	79	63344	5.769	ng	97
4) n-Nitrosodimethylamine	3.15	42	33623	7.379	ng	97
6) Aniline	6.46	93	112162	8.539	ng	98
8) 2-Chlorophenol	6.59	128	71916	7.723	ng	98
9) Benzaldehyde	6.35	77	61455	9.466	ng	97
10) Phenol	6.45	94	93311	8.521	ng	95
11) bis(2-Chloroethyl)ether	6.53	93	71826	7.874	ng	98
12) 1,3-Dichlorobenzene	6.74	146	80616	8.143	ng	98
13) 1,4-Dichlorobenzene	6.82	146	80144	8.205	ng	97
14) 1,2-Dichlorobenzene	6.97	146	75907	7.978	ng	97
15) Benzyl Alcohol	6.93	79	68031	9.347	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	107117	8.156	ng	99
17) 2-Methylphenol	7.05	107	57462	7.235	ng	97
18) Hexachloroethane	7.31	117	29246	8.126	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	51026	8.571	ng	96
20) 3+4-Methylphenols	7.20	107	76037	7.661	ng	# 73
22) Acetophenone	7.20	105	107831	9.395	ng	97
24) Nitrobenzene	7.38	77	79296	8.250	ng	99
25) Isophorone	7.62	82	140146	7.833	ng	98
26) 2-Nitrophenol	7.69	139	35244	6.931	ng	96
27) 2,4-Dimethylphenol	7.73	122	53347	7.126	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	90409	8.718	ng	97
29) 2,4-Dichlorophenol	7.93	162	59134	7.771	ng	96
30) 1,2,4-Trichlorobenzene	8.02	180	69250	8.211	ng	99
31) Naphthalene	8.10	128	223583	8.869	ng	99
32) Benzoic acid	7.80	122	20270m	3.529	ng	
33) 4-Chloroaniline	8.15	127	90272	7.802	ng	99
34) Hexachlorobutadiene	8.22	225	39483	8.032	ng	99
35) Caprolactam	8.48	113	19547	8.031	ng	# 83
36) 4-Chloro-3-methylphenol	8.63	107	61067	8.032	ng	99
37) 2-Methylnaphthalene	8.79	142	147117	8.940	ng	98
38) 1-Methylnaphthalene	8.89	142	139743	9.024	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	70502	8.653	ng	98

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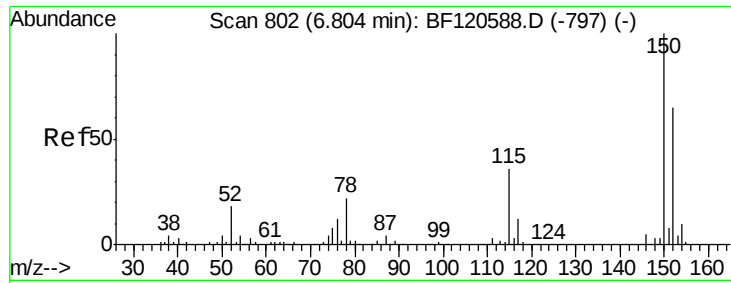
Manual Integrations
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mohammad
 6/15/2020 8:42:54 AM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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 QLast Update : Thu Jun 11 14:06:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	27705	6.068	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	41444	7.171	nq	100
44) 2,4,5-Trichlorophenol	9.11	196	45391	6.922	nq	99
46) 1,1'-Biphenyl	9.26	154	190288	9.339	nq	96
47) 2-Chloronaphthalene	9.28	162	137358	8.244	nq	98
48) 2-Nitroaniline	9.37	65	37530	7.172	nq	87
49) Acenaphthylene	9.69	152	222663	8.659	nq	98
50) Dimethylphthalate	9.55	163	154867	7.880	nq	98
51) 2,6-Dinitrotoluene	9.61	165	32222	7.235	nq	94
52) Acenaphthene	9.86	154	134120	8.745	nq	99
53) 3-Nitroaniline	9.78	138	35733	6.680	nq	98
54) 2,4-Dinitrophenol	9.89	184	8641	3.619	nq	# 78
55) Dibenzofuran	10.03	168	201668	8.576	nq	98
56) 4-Nitrophenol	9.94	139	24240	6.016	nq	92
57) 2,4-Dinitrotoluene	10.02	165	41082	6.951	nq	94
58) Fluorene	10.38	166	154276	8.510	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	36701m	7.114	nq	
60) Diethylphthalate	10.25	149	155871	8.053	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	78301	8.364	nq	92
62) 4-Nitroaniline	10.39	138	35117	6.612	nq	97
63) Azobenzene	10.53	77	151361	8.615	nq	98
65) 4,6-Dinitro-2-methylphenol	10.42	198	16795	5.366	nq	97
66) n-Nitrosodiphenylamine	10.49	169	134834	8.418	nq	98
67) 4-Bromophenyl-phenylether	10.86	248	46038	7.777	nq	97
68) Hexachlorobenzene	10.93	284	51866	8.149	nq	98
69) Atrazine	11.01	200	43849	8.847	nq	98
70) Pentachlorophenol	11.12	266	17700	5.002	nq	98
71) Phenanthrene	11.34	178	226515	8.736	nq	99
72) Anthracene	11.39	178	231001	8.839	nq	98
73) Carbazole	11.55	167	210303	8.129	nq	99
74) Di-n-butylphthalate	11.88	149	247121	8.497	nq	98
75) Fluoranthene	12.53	202	246761	8.324	nq	97
77) Benzidine	12.65	184	134477	9.355	nq	# 93
78) Pyrene	12.76	202	257183	8.541	nq	98
80) Butylbenzylphthalate	13.37	149	101593	7.598	nq	98
81) Benzo(a)anthracene	13.94	228	235789	9.233	nq	99
82) 3,3'-Dichlorobenzidine	13.90	252	91561	9.387	nq	# 98
83) Chrysene	13.98	228	228114	8.708	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	148705	9.113	nq	99
85) Di-n-octyl phthalate	14.55	149	246041	7.900	nq	98
87) Indeno(1,2,3-cd)pyrene	16.80	276	253943	8.826	nq	99
88) Benzo(b)fluoranthene	14.97	252	218987	7.772	nq	98
89) Benzo(k)fluoranthene	15.00	252	221903	8.900	nq	98
90) Benzo(a)pyrene	15.33	252	199662	7.918	nq	99
91) Dibenzo(a,h)anthracene	16.82	278	213087	9.235	nq	97
92) Benzo(g,h,i)perylene	17.23	276	213622	9.185	nq	97

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



#1

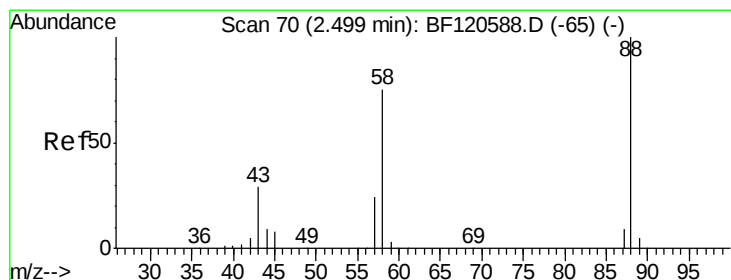
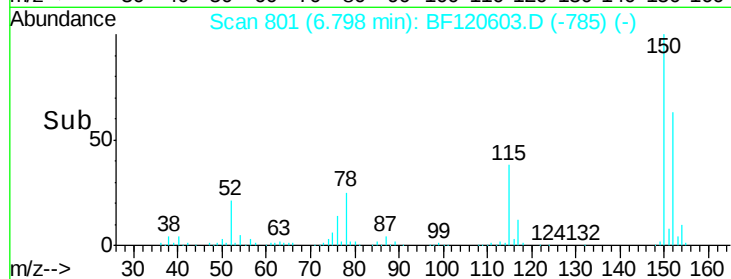
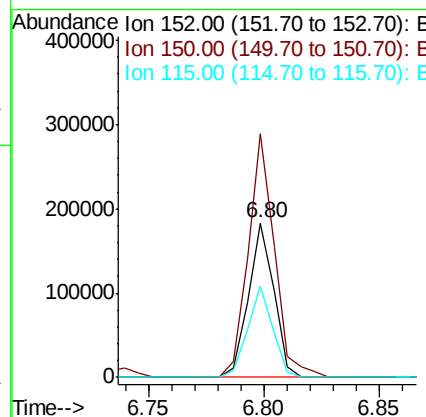
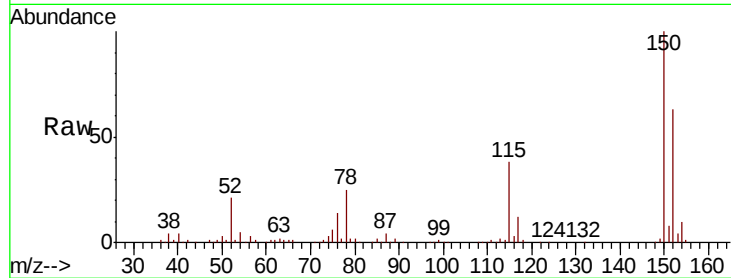
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	123.2	184.8
115	59.5	43.9	65.9

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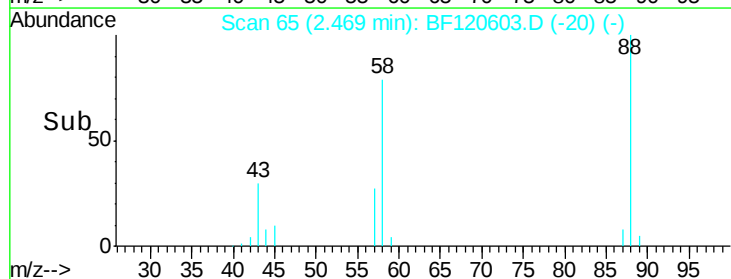
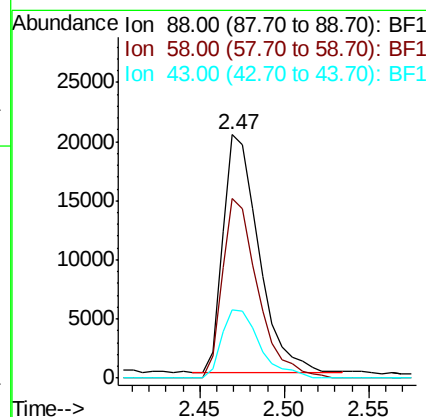
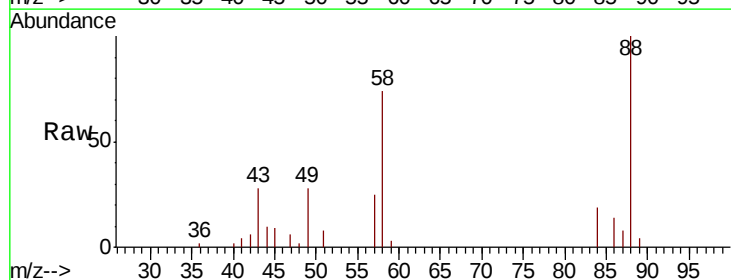
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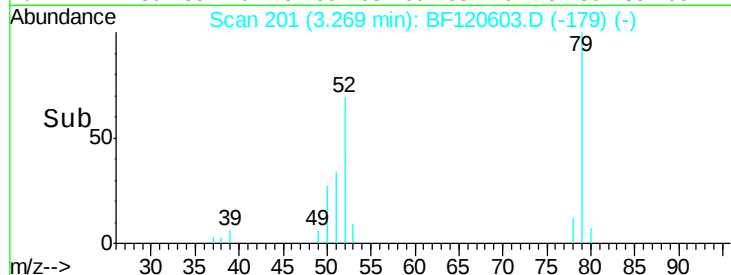
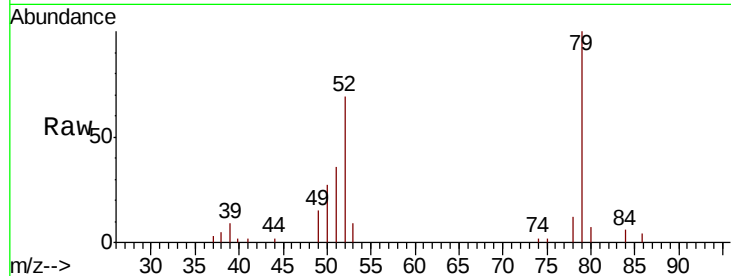
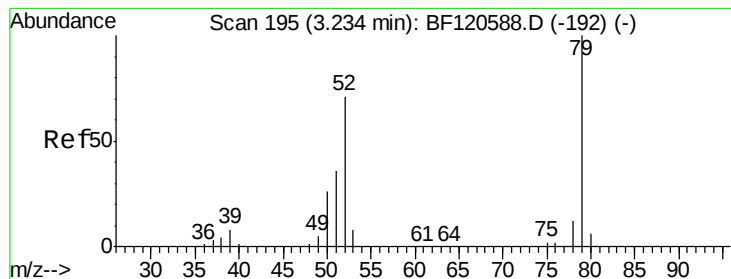


#2

1,4-Dioxane
Concen: 7.605 ng
RT: 2.47 min Scan# 65
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
88	100		
58	74.6	59.6	89.4
43	30.5	23.1	34.7





#3

Pvridine

Concen: 5.769 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.03 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tot Ion:	79	Resp:	63344
Ion	Ratio	Lower	Upper
79	100		
52	68.5	57.0	85.6
51	36.2	28.5	42.7

Instrument :

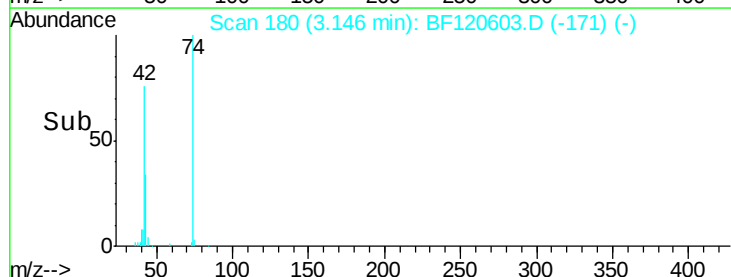
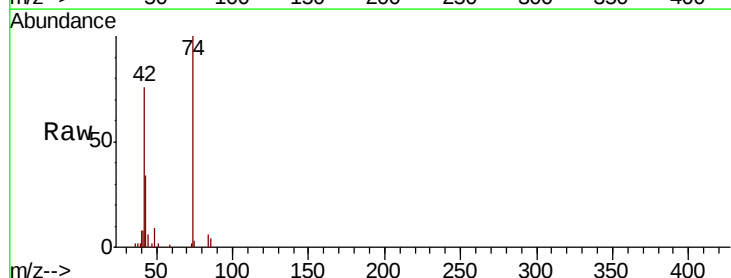
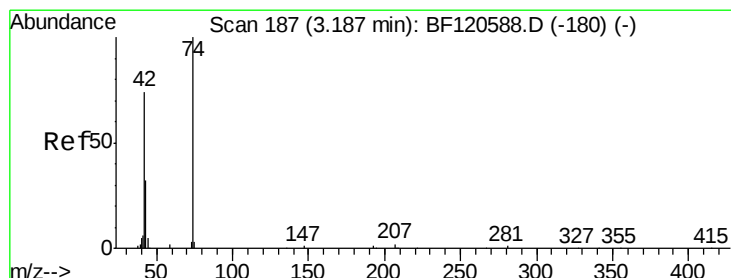
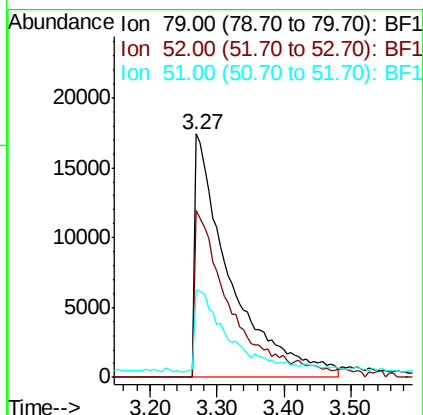
BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 7.379 ng

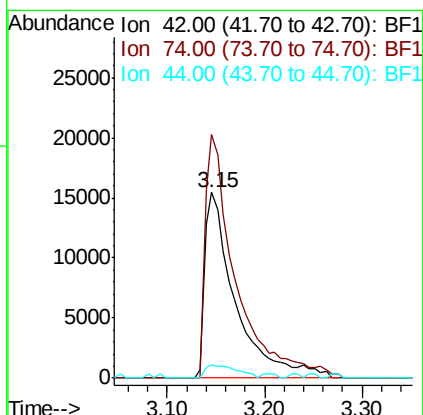
RT: 3.15 min Scan# 180

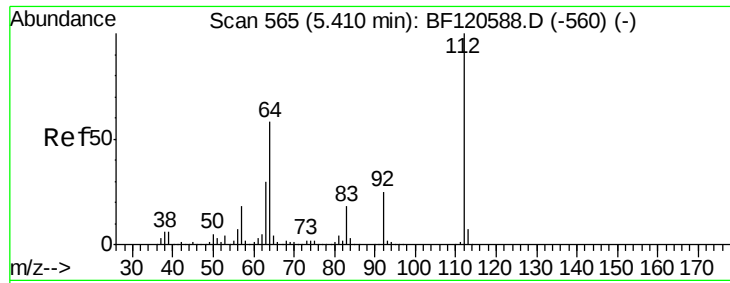
Delta R.T. -0.05 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	42	Resp:	33623
Ion	Ratio	Lower	Upper
42	100		
74	130.9	107.8	161.6
44	7.4	5.1	7.7





#5

2-Fluorophenol

Concen: 147.385 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

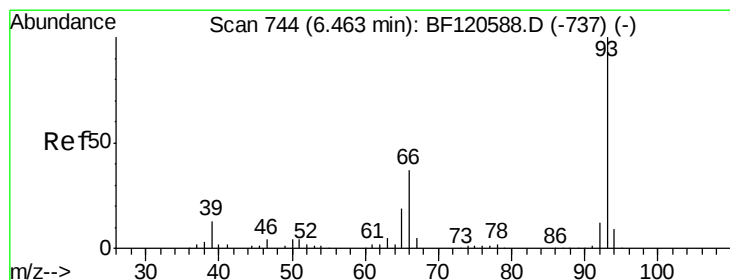
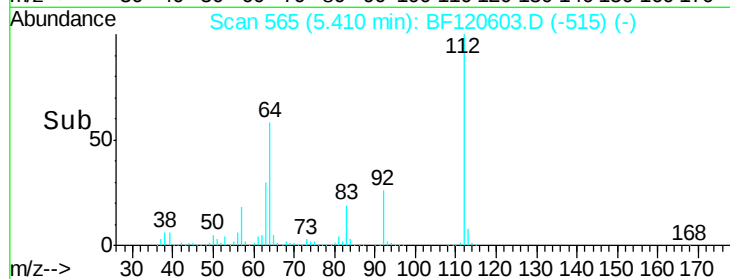
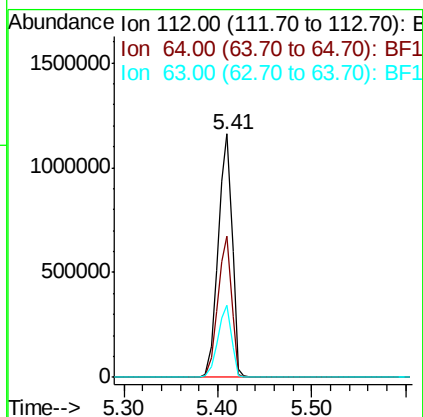
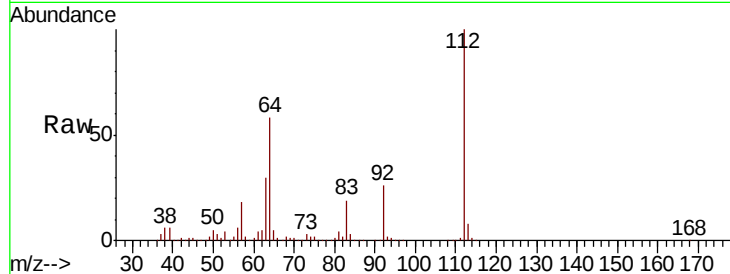
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	112	Resp:	1214556
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.1	69.1
63	29.7	23.7	35.5

Manual Integrations
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#6

Aniline

Concen: 8.539 ng

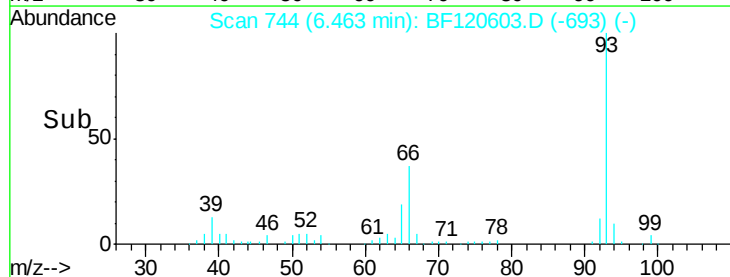
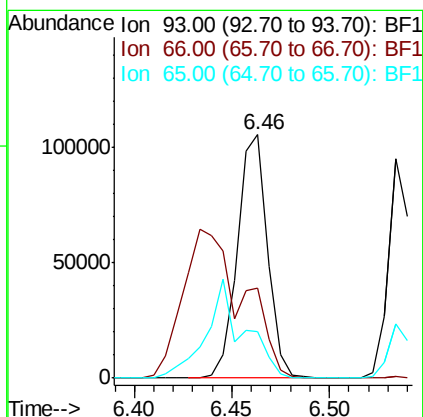
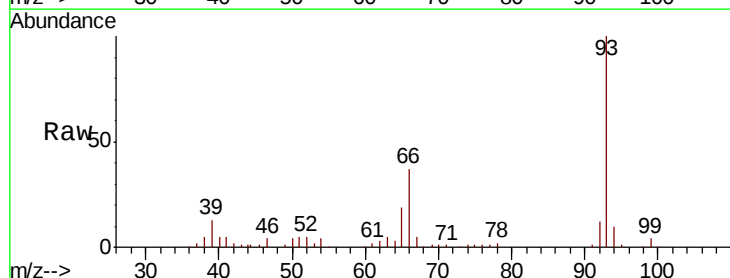
RT: 6.46 min Scan# 744

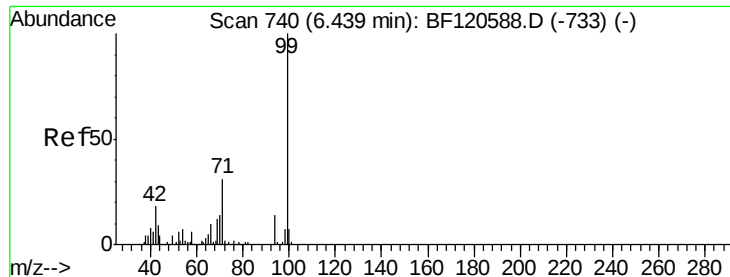
Delta R.T. 0.00 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	93	Resp:	112162
Ion	Ratio	Lower	Upper
93	100		
66	36.9	30.9	46.3
65	19.2	15.9	23.9





#7

Phenol-d6

Concen: 149.474 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion: 99 Resp: 1534167

Ion Ratio Lower Upper

99 100

42 18.8 14.0 21.0

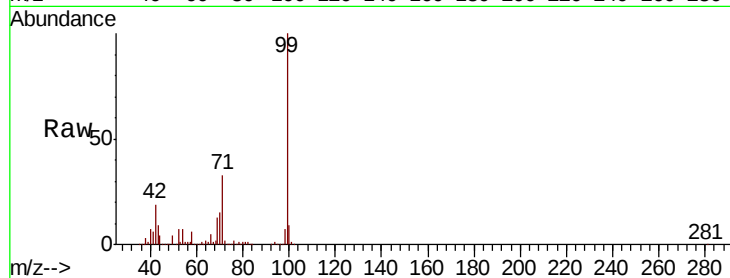
71 32.9 24.9 37.3

Manual Integrations

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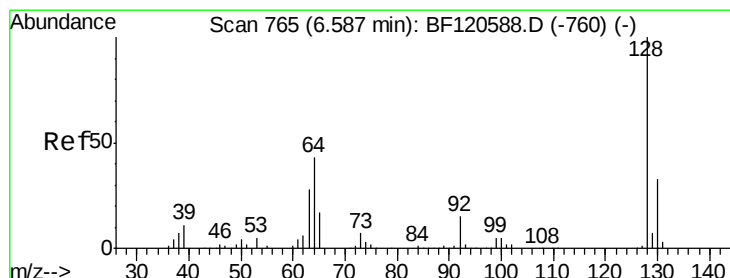
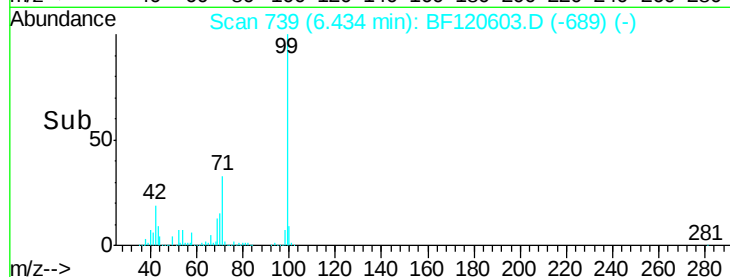
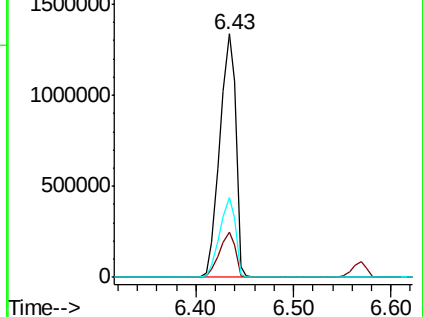
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.723 ng

RT: 6.59 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

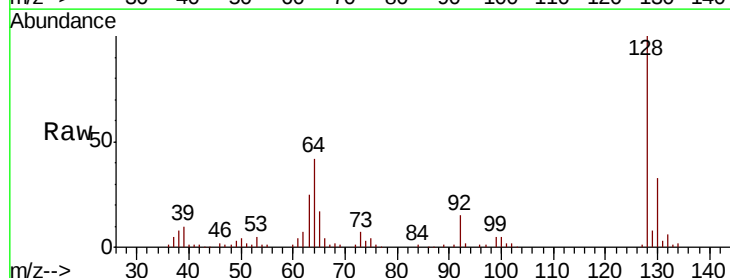
Tgt Ion:128 Resp: 71916

Ion Ratio Lower Upper

128 100

130 33.1 12.6 52.6

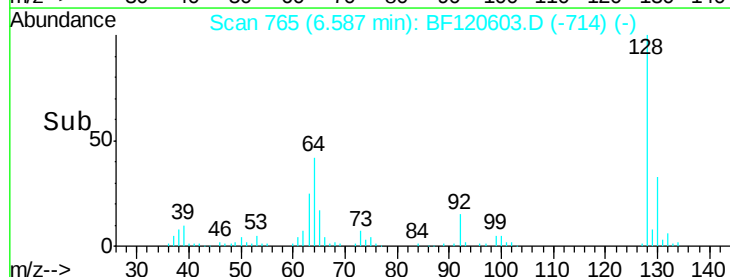
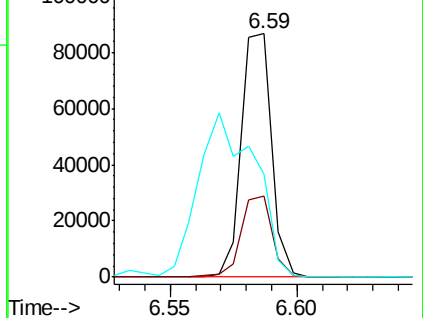
64 42.5 24.3 64.3

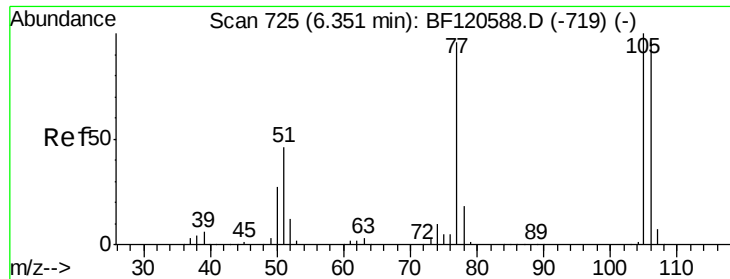


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





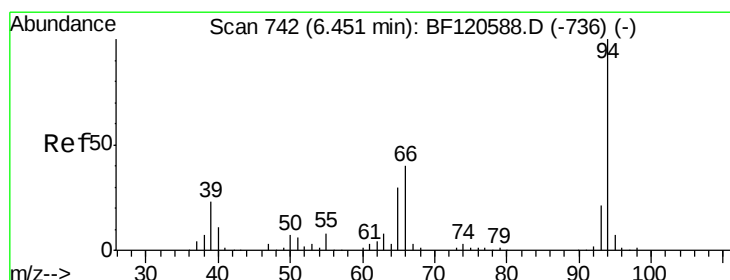
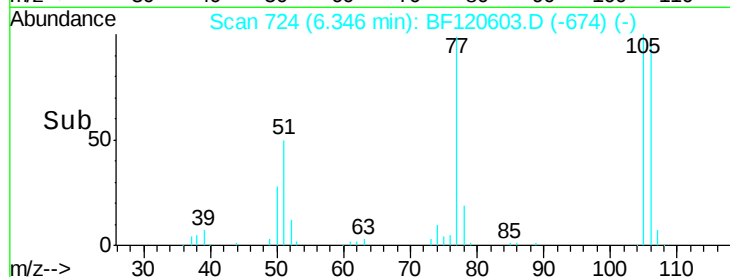
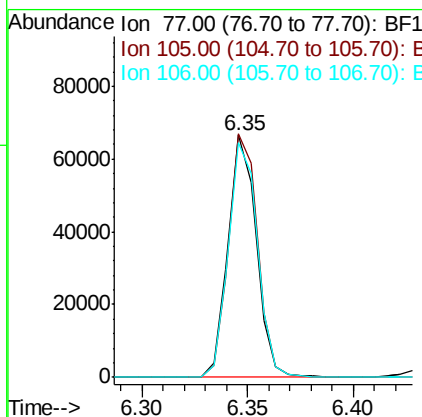
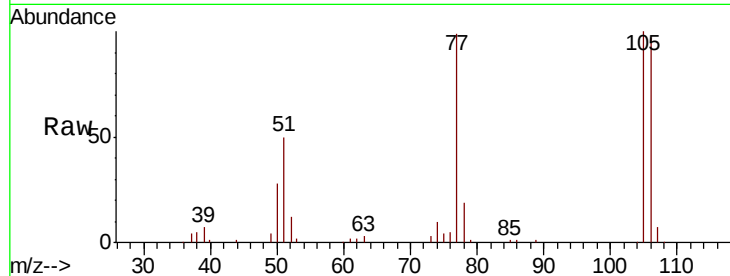
#9
Benzaldehyde
Concen: 9.466 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion: 77 Resp: 61455
Ion Ratio Lower Upper
77 100
105 100.5 83.8 123.8
106 97.1 79.3 119.3

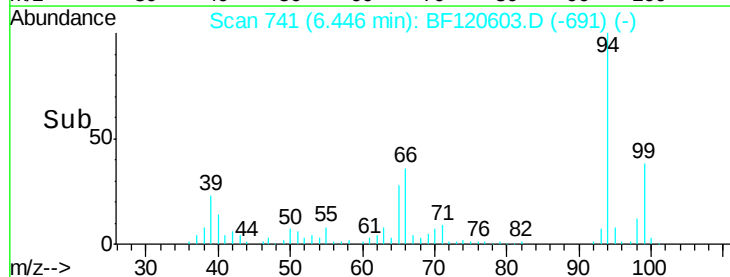
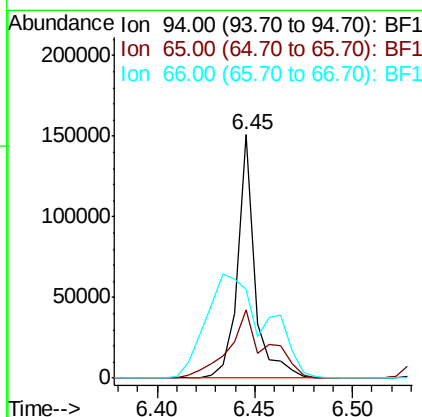
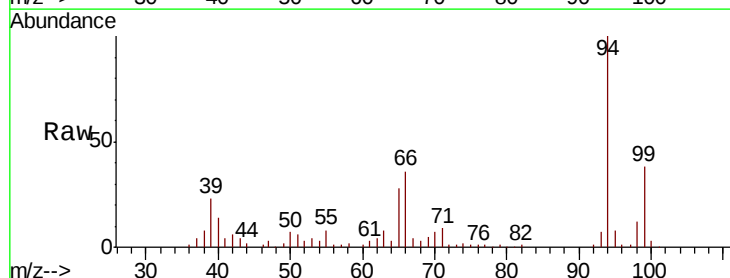
Manual Integrations
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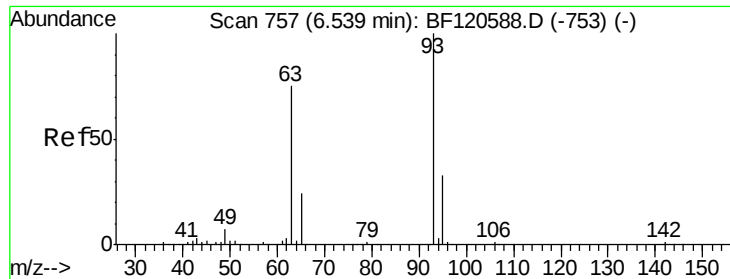
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#10
Phenol
Concen: 8.521 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion: 94 Resp: 93311
Ion Ratio Lower Upper
94 100
65 28.2 9.9 49.9
66 36.5 20.1 60.1





#11

bis(2-Chloroethyl)ether

Concen: 7.874 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

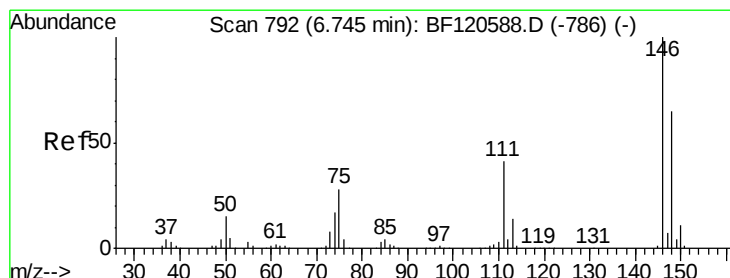
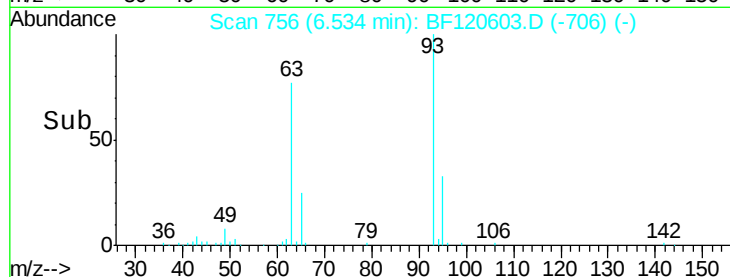
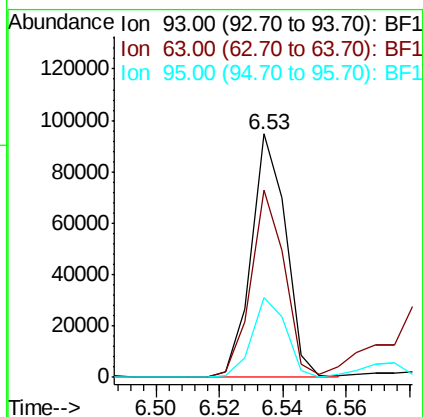
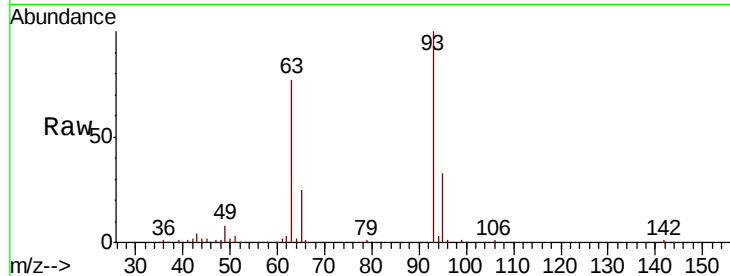
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	93	Resp:	71826
Ion	Ratio	Lower	Upper
93	100		
63	77.2	54.4	94.4
95	32.6	12.9	52.9

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#12

1,3-Dichlorobenzene

Concen: 8.143 ng

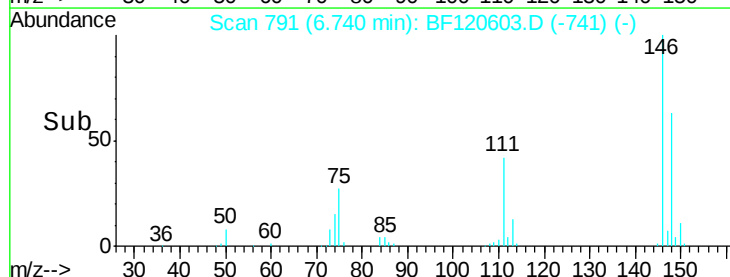
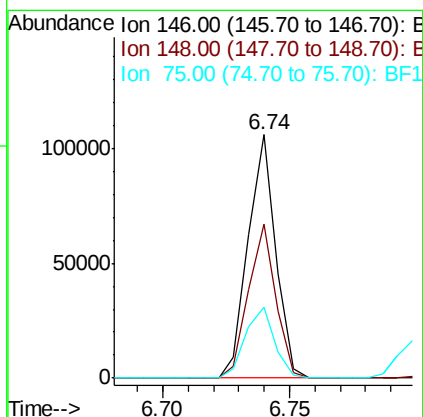
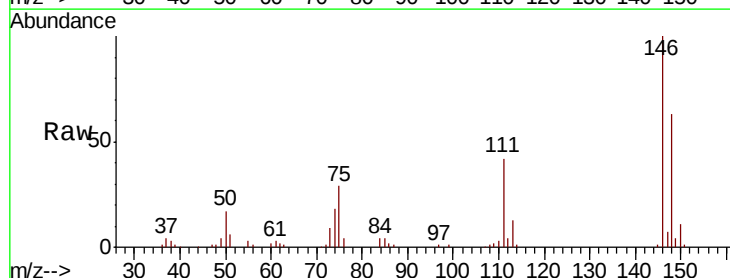
RT: 6.74 min Scan# 791

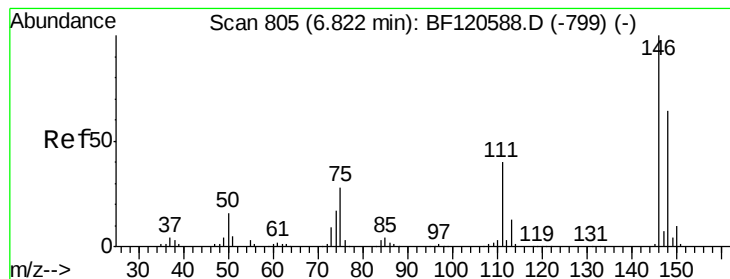
Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	146	Resp:	80616
Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.8	77.6
75	29.1	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 8.205 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

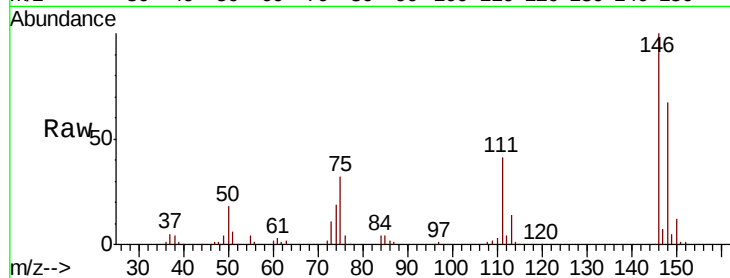
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

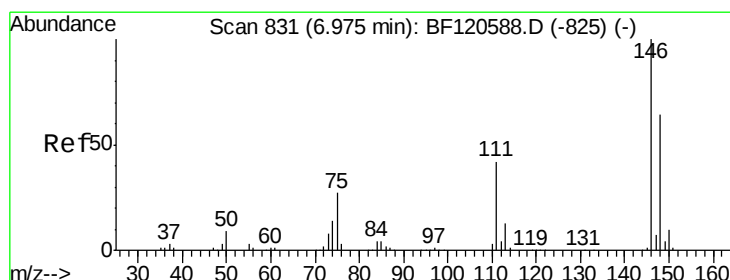
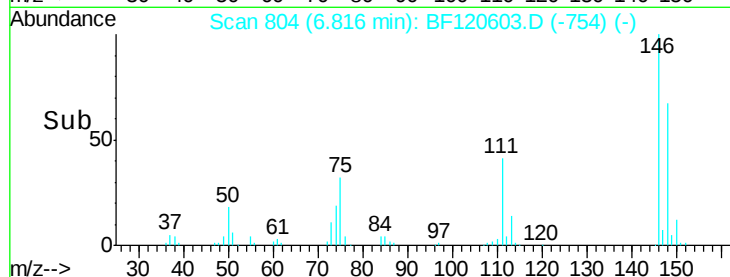
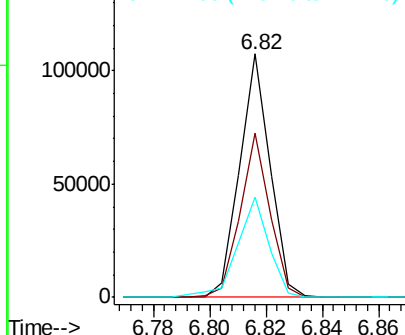
Tot Ion:	146	Resp:	80144
Ion Ratio	Lower	Upper	
146	100		
148	67.3	51.5	77.3
111	41.1	32.2	48.4

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



#14

1,2-Dichlorobenzene

Concen: 7.978 ng

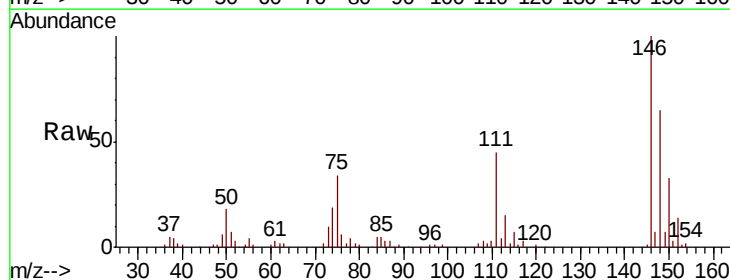
RT: 6.97 min Scan# 830

Delta R.T. -0.01 min

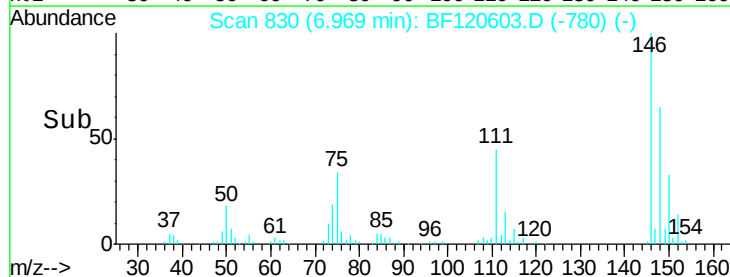
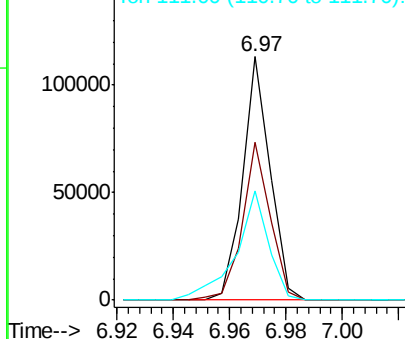
Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	146	Resp:	75907
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
111	44.7	33.6	50.4



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





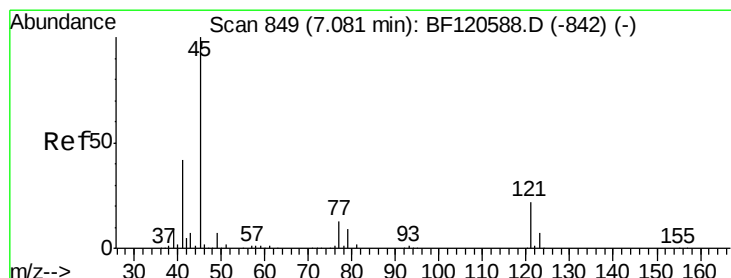
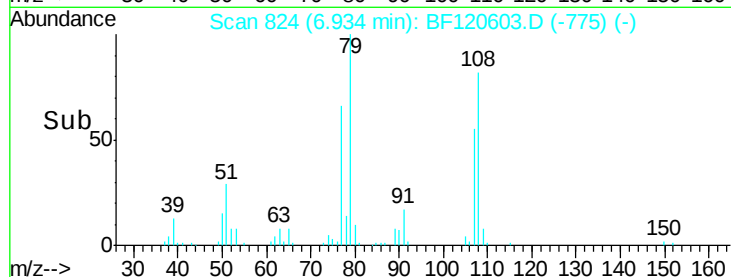
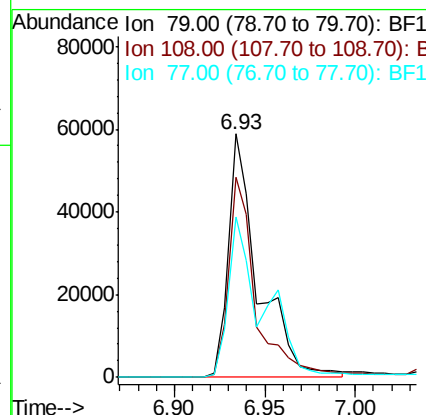
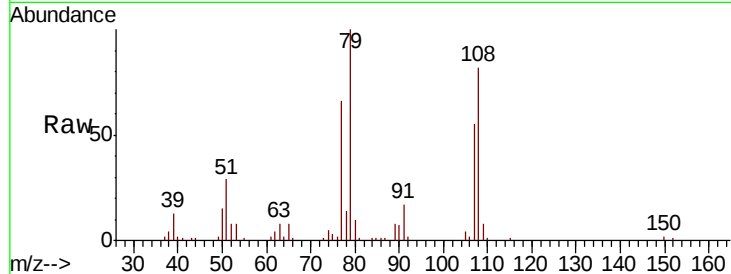
#15
Benzyl Alcohol
Concen: 9.347 ng
RT: 6.93 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.4	66.8	100.2
77	65.6	50.6	76.0

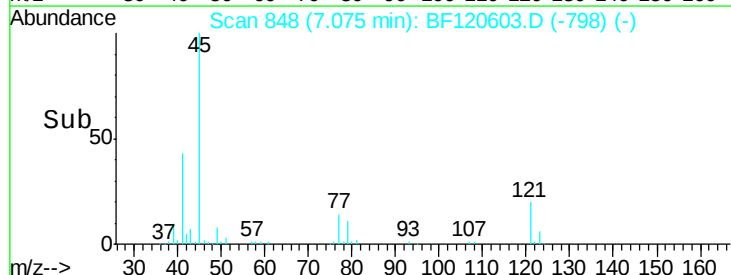
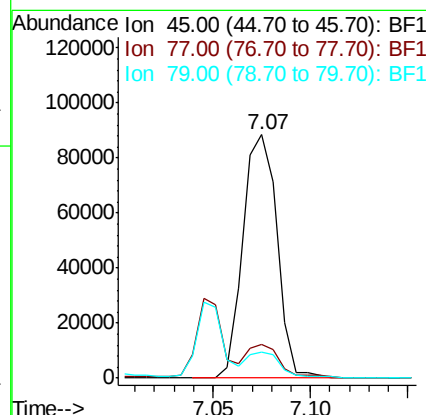
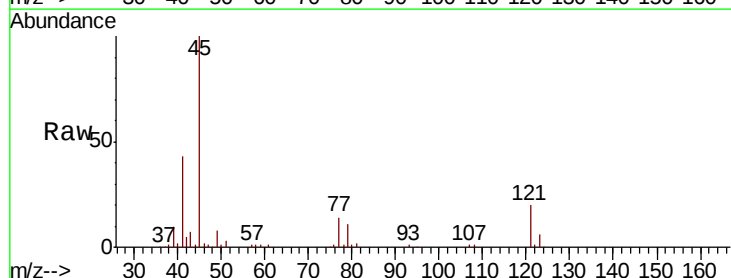
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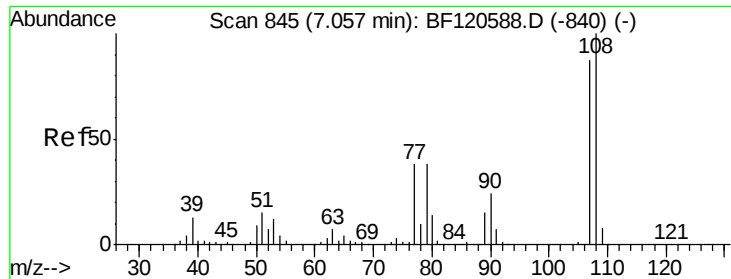
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#16
2,2'-oxybis(1-chloropropane)
Concen: 8.156 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	34.2
79	10.9	0.0	30.9





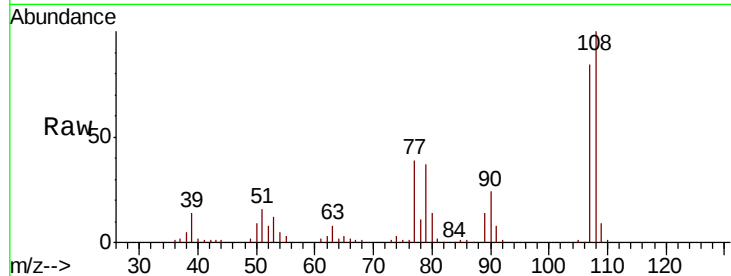
#17
2-Methylphenol
Concen: 7.235 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion:	107	Resp:	57462
Ion	Ratio	Lower	Upper
107	100		
108	118.8	91.9	137.9
77	45.8	35.4	53.2
79	43.9	34.8	52.2

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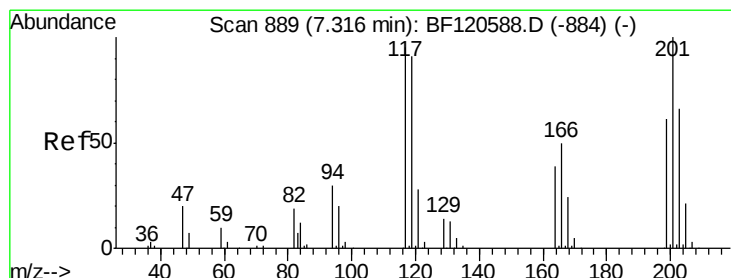
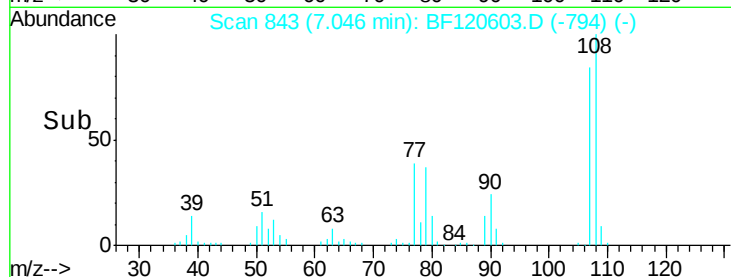
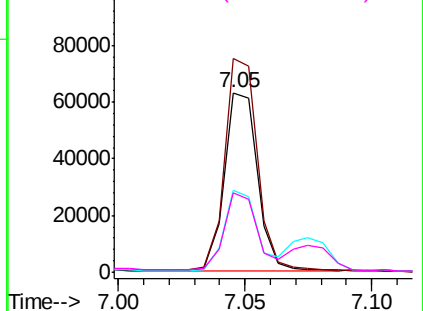
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

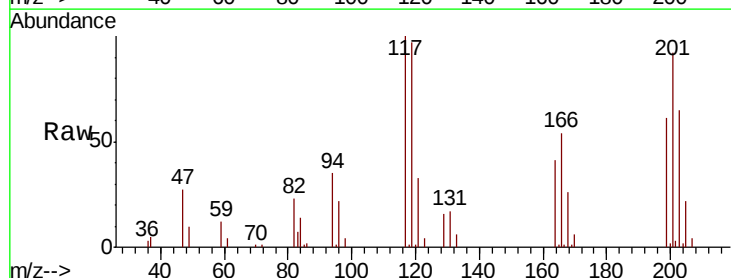
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 8.126 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:	117	Resp:	29246
Ion	Ratio	Lower	Upper
117	100		
119	97.4	76.9	115.3
201	95.2	84.6	127.0

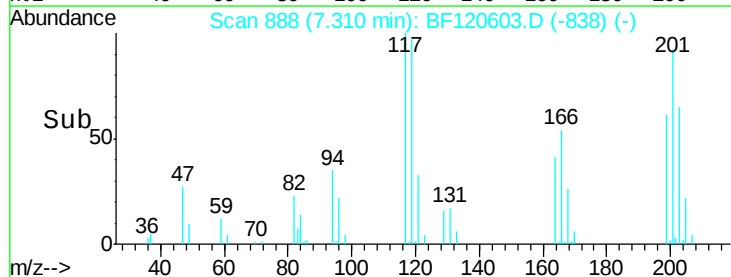
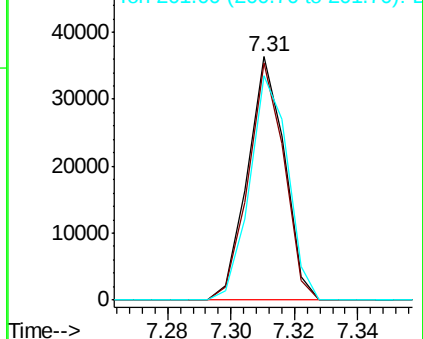


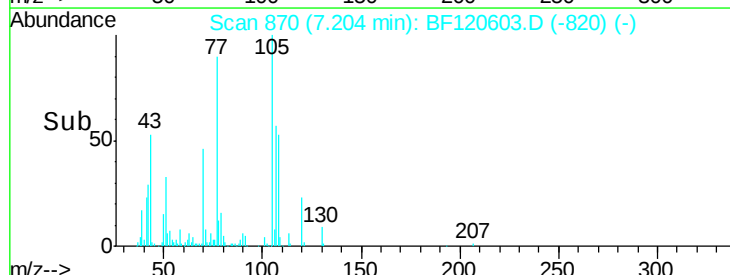
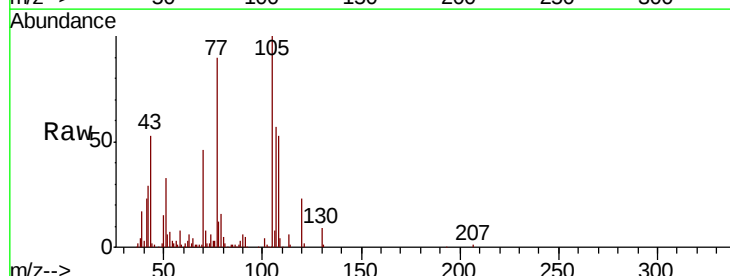
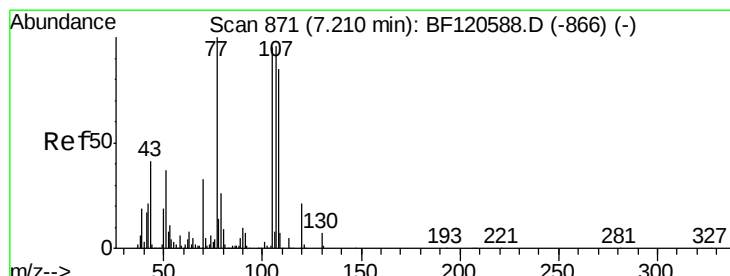
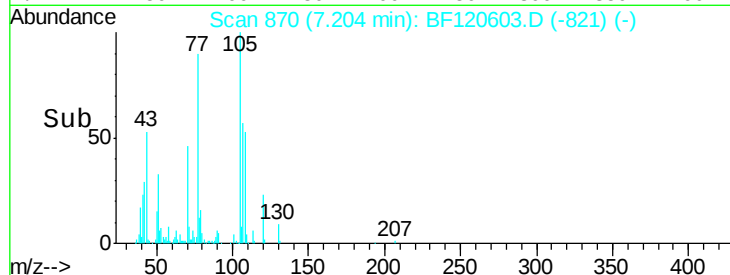
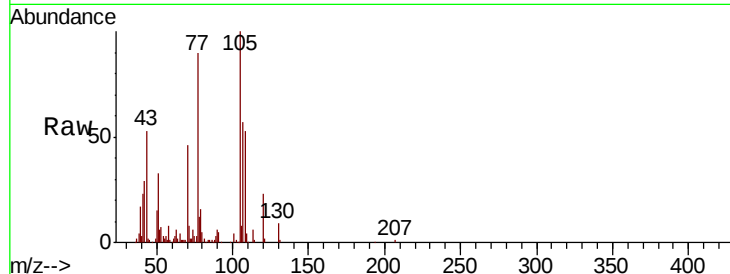
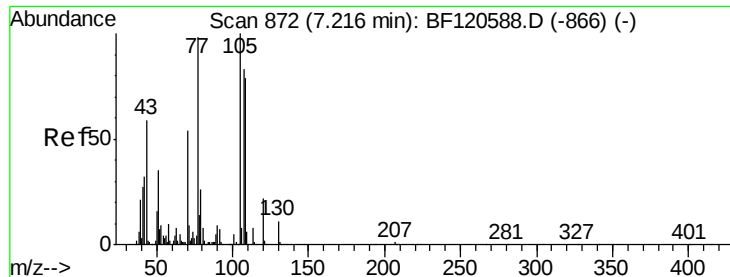
Abundance

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





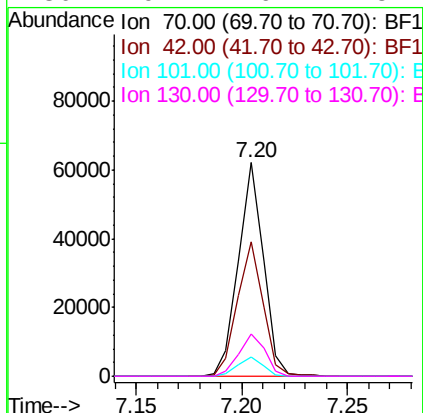
#19
n-Nitroso-di-n-propylamine
Concen: 8.571 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.9	47.7	71.5
101	9.2	7.6	11.4
130	19.7	16.7	25.1

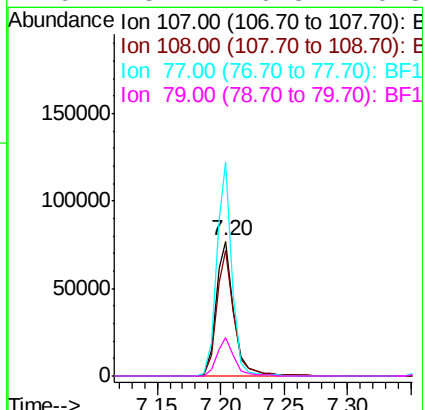
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#20
3+4-Methylphenols
Concen: 7.661 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	68.7	108.7
77	158.2	84.2	124.2#
79	28.7	6.8	46.8





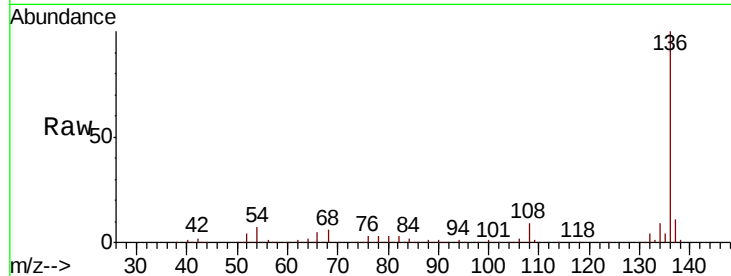
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Resp	Lower	Upper
136	100	513374		
137	10.9		8.6	13.0
54	7.3		5.8	8.6
68	5.6		4.4	6.6

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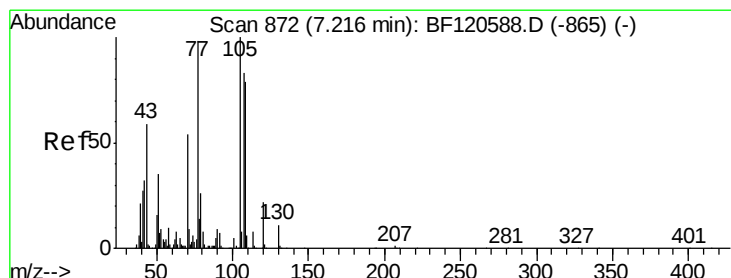
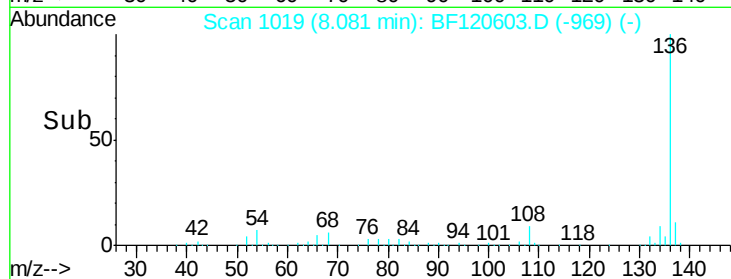
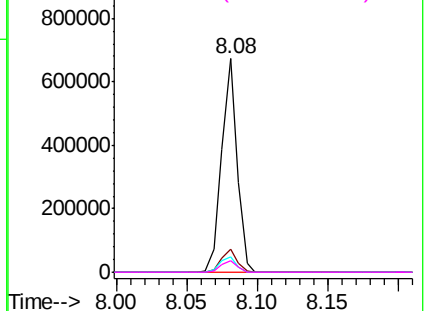
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 9.395 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	107831		
71	7.6		7.2	10.8
51	32.5		27.8	41.8
120	22.8		18.0	27.0

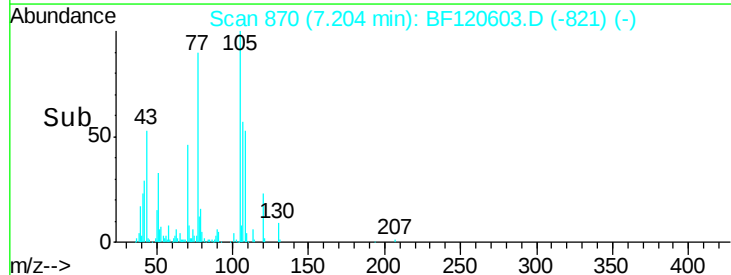
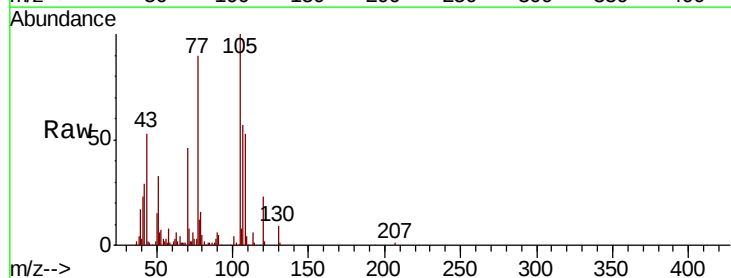
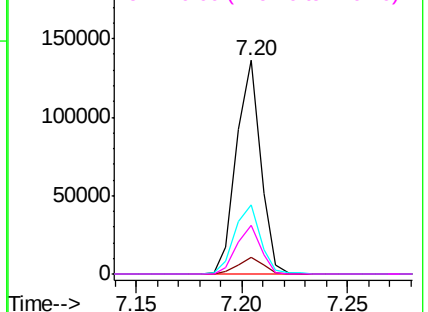
Abundance

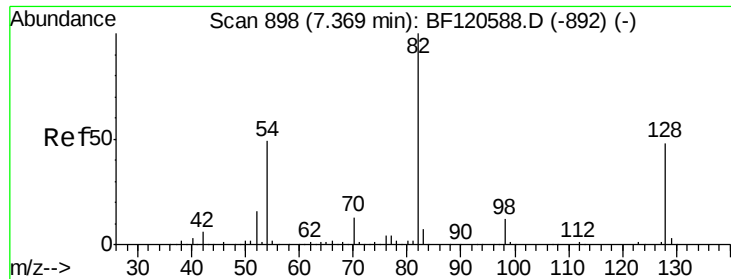
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





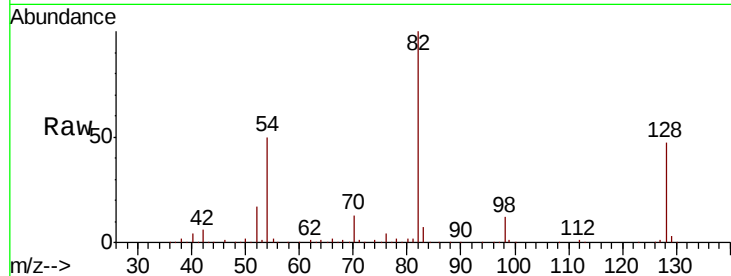
#23
 Nitrobenzene-d5
 Concen: 104.891 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

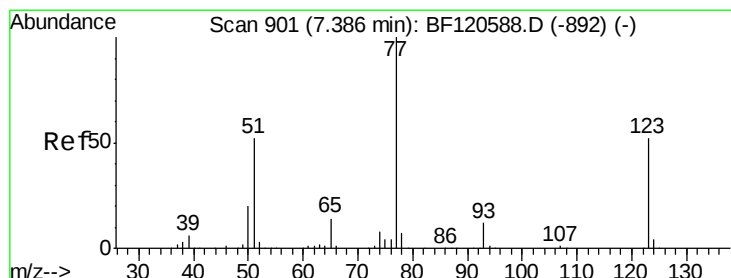
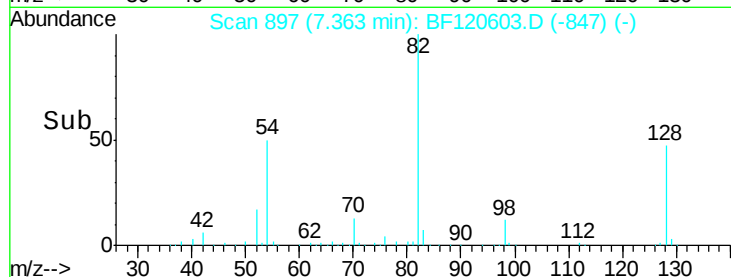
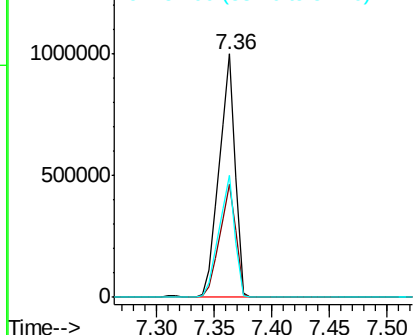
Tot Ion	Ratio	Resp	Lower	Upper
82	100	963358		
128	46.6		38.0	57.0
54	50.2		38.8	58.2

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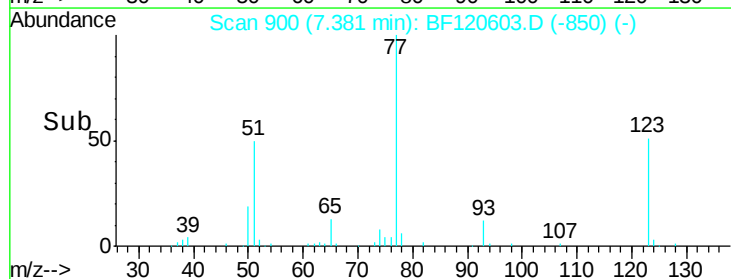
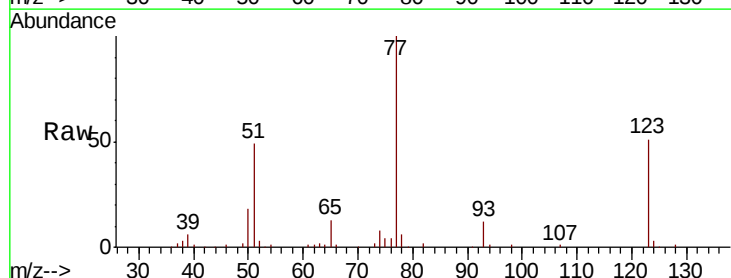
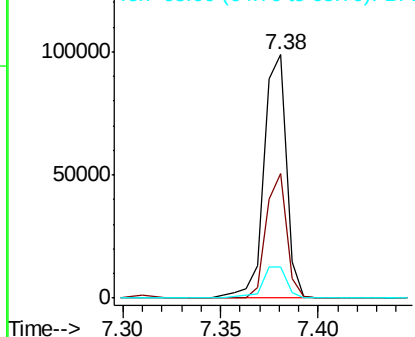
Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 8.250 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	79296		
123	51.2		41.4	62.0
65	12.8		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





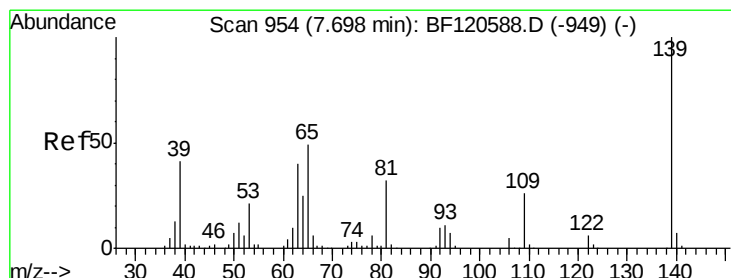
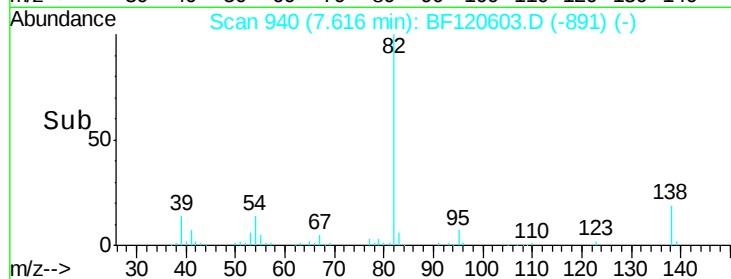
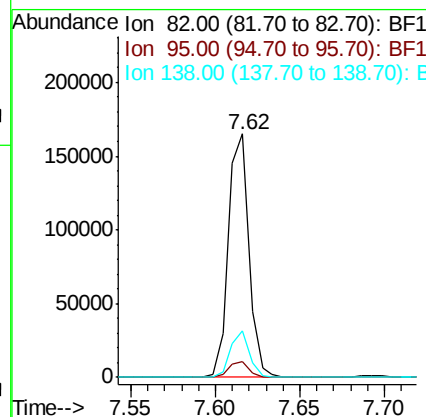
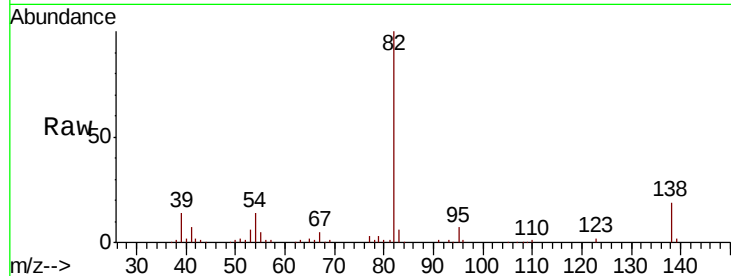
#25
Isophorone
Concen: 7.833 ng
RT: 7.62 min Scan# 940
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	82	Resp	140146
Ion Ratio	Lower	Upper	
82	100		
95	6.6	5.7	8.5
138	19.2	16.2	24.4

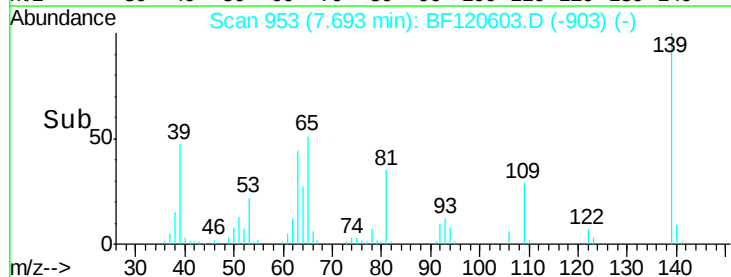
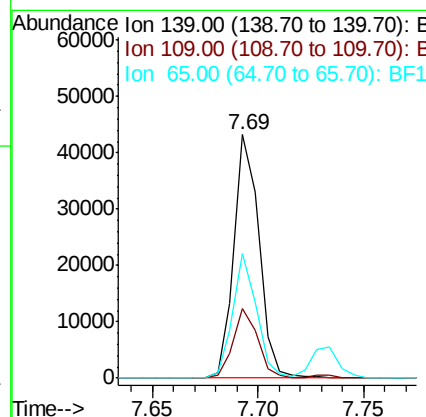
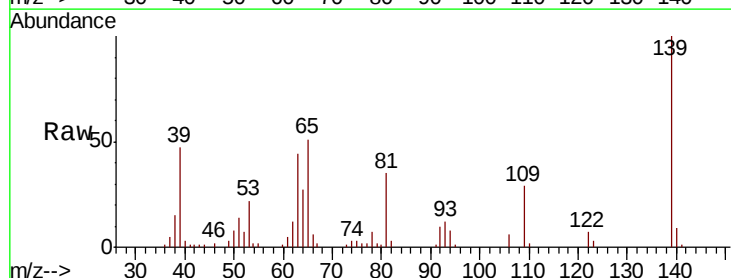
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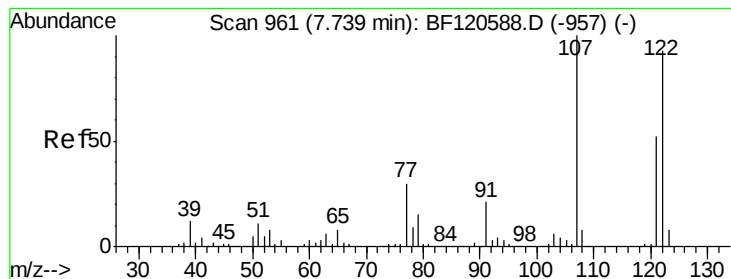
mohammad
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#26
2-Nitrophenol
Concen: 6.931 ng
RT: 7.69 min Scan# 953
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	139	Resp	35244
Ion Ratio	Lower	Upper	
139	100		
109	28.8	21.1	31.7
65	51.3	39.4	59.0





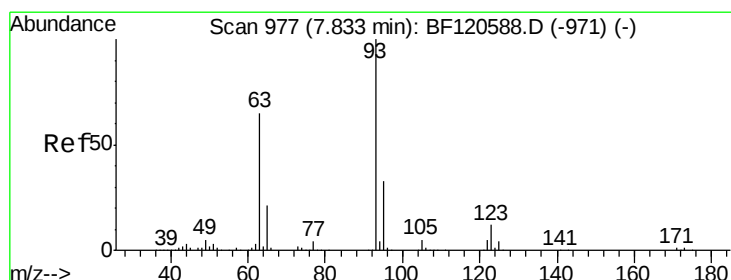
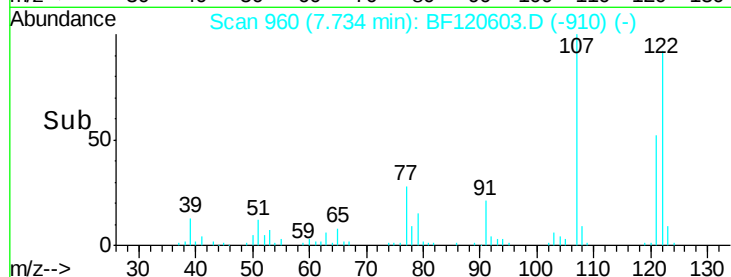
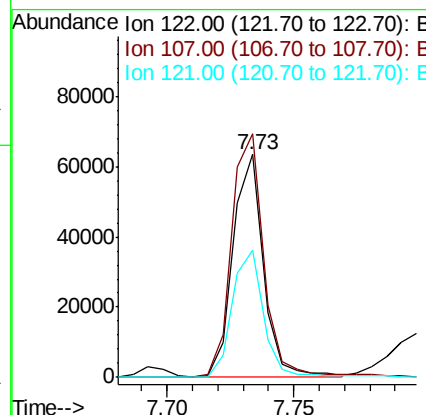
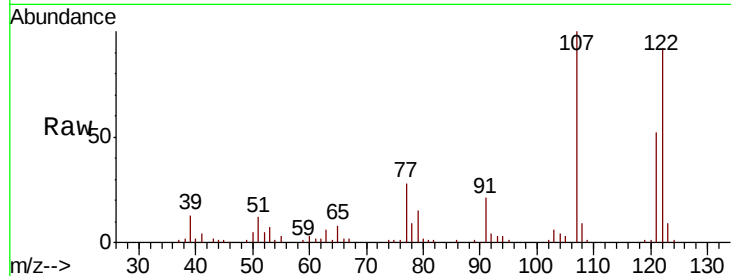
#27
 2,4-Dimethylphenol
 Concen: 7.126 ng
 RT: 7.73 min Scan# 960
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.2	86.4	129.6
121	56.9	45.2	67.8

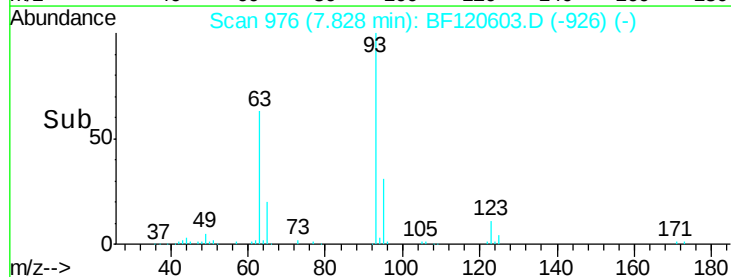
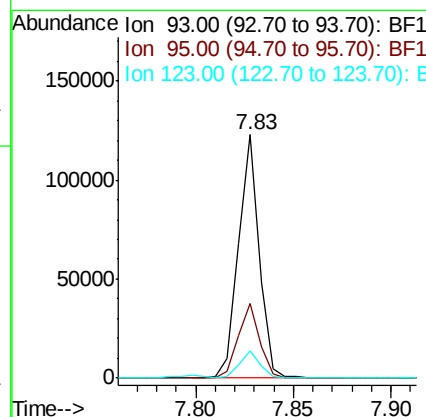
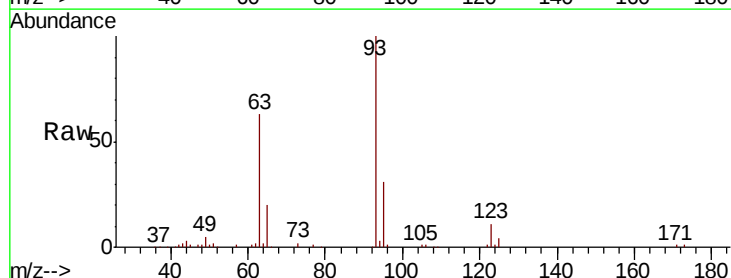
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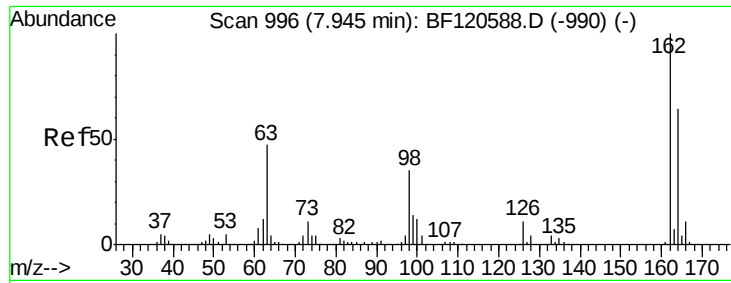
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#28
 bis(2-Chloroethoxy)methane
 Concen: 8.718 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.7	26.2	39.4
123	11.3	9.5	14.3





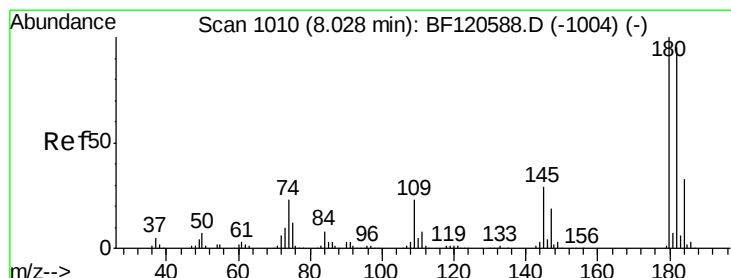
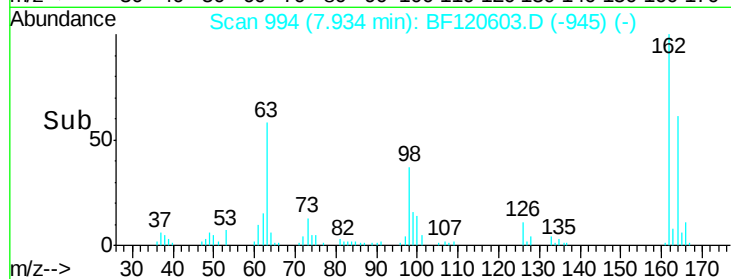
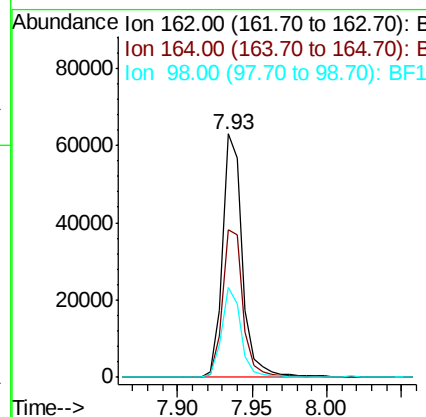
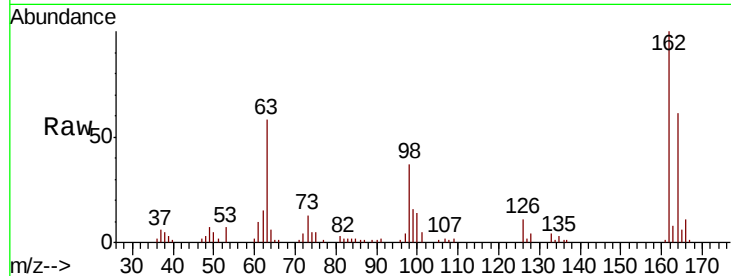
#29
2,4-Dichlorophenol
Concen: 7.771 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion:	162	Resp:	59134
Ion Ratio	Lower	Upper	
162	100		
164	60.7	44.1	84.1
98	37.2	14.7	54.7

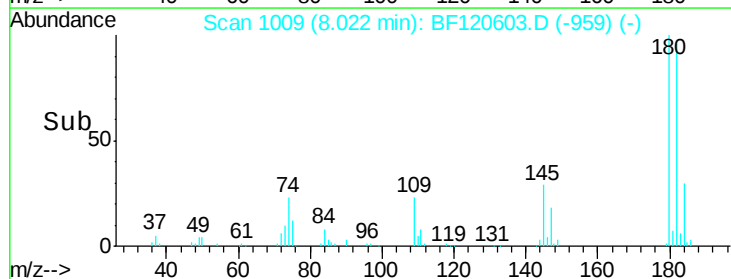
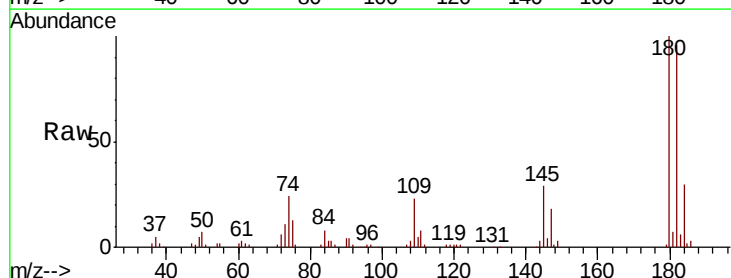
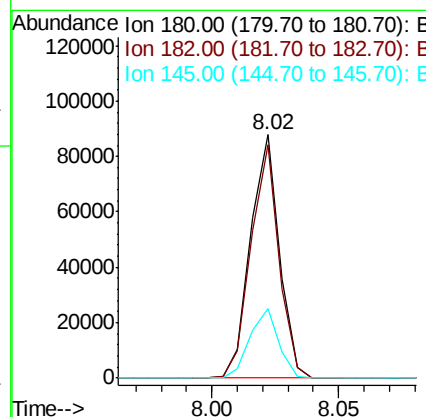
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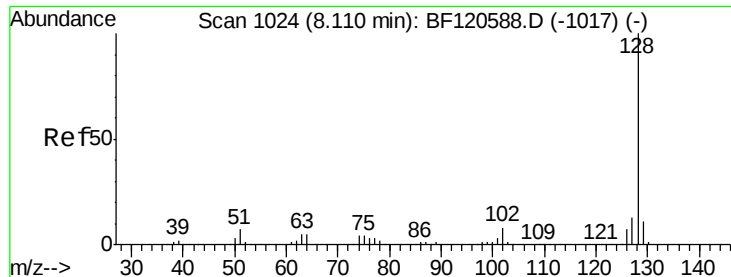
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#30
1,2,4-Trichlorobenzene
Concen: 8.211 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion:	180	Resp:	69250
Ion Ratio	Lower	Upper	
180	100		
182	95.6	75.8	113.6
145	28.5	23.0	34.6





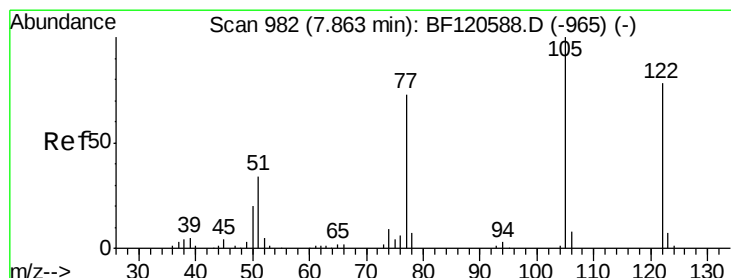
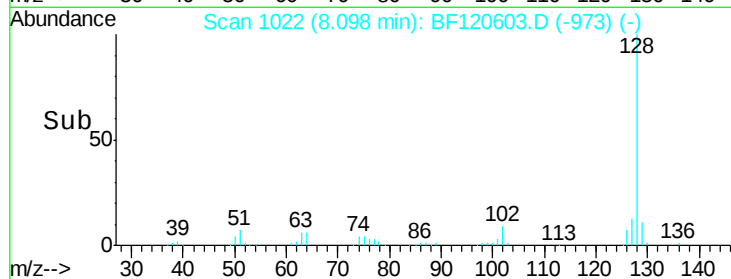
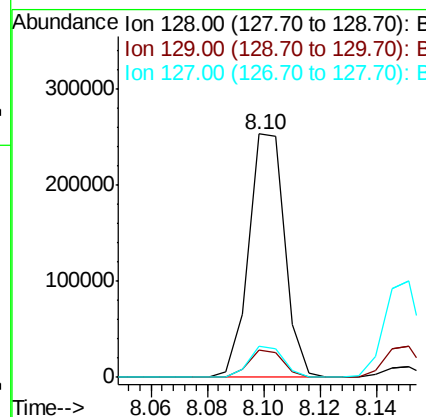
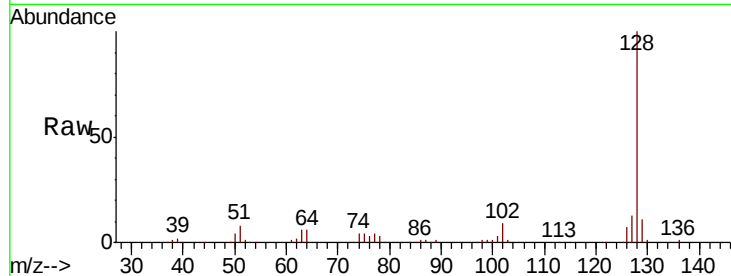
#31
Naphthalene
Concen: 8.869 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Resp	Lower	Upper
128	100	223583		
129	11.4		8.8	13.2
127	12.8		10.6	15.8

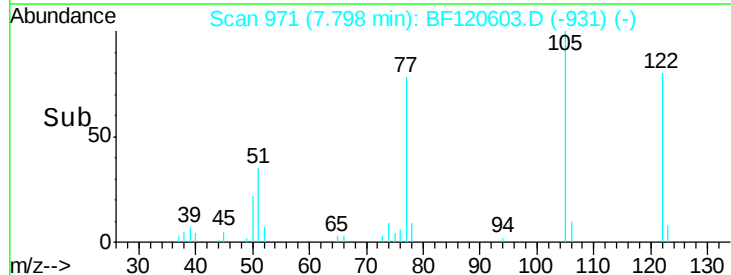
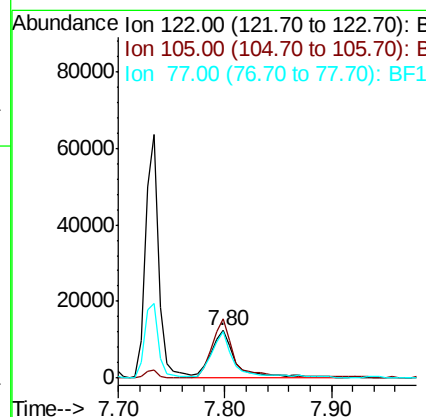
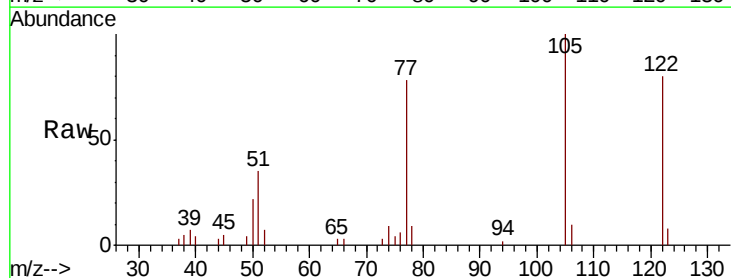
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#32
Benzoic acid
Concen: 3.529 ng m
RT: 7.80 min Scan# 971
Delta R.T. -0.06 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	20270		
105	124.8		101.0	141.0
77	96.8		69.8	109.8





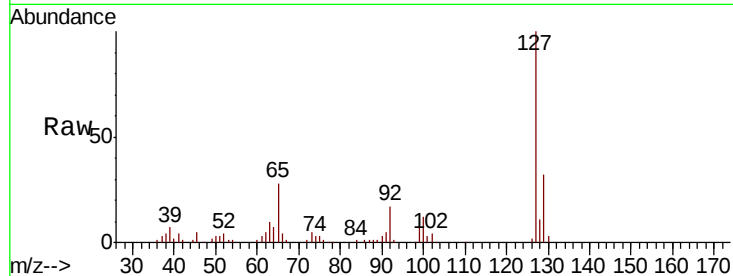
#33
4-Chloroaniline
Concen: 7.802 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		90272		
129	32.0	25.9	38.9		
65	28.1	22.2	33.4		
92	17.5	14.2	21.2		

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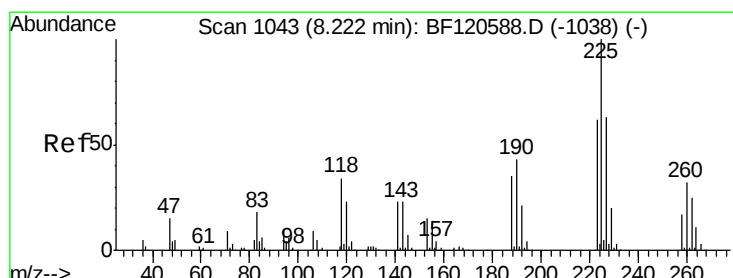
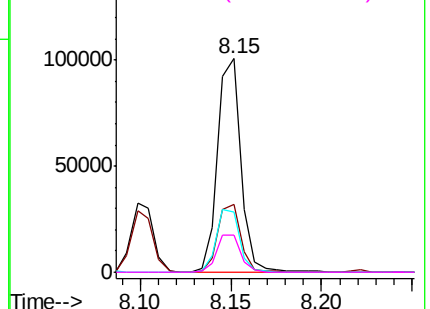
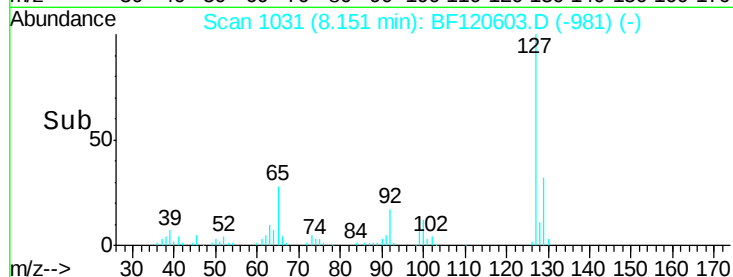
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

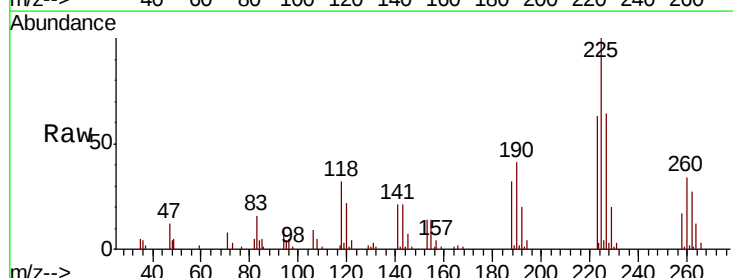
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 8.032 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		39483		
223	63.4	49.9	74.9		
227	63.6	50.5	75.7		

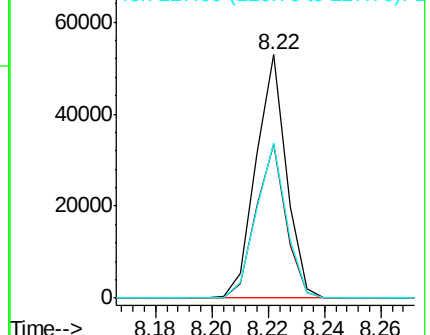
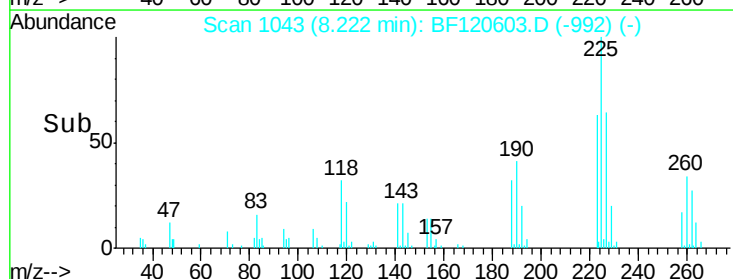


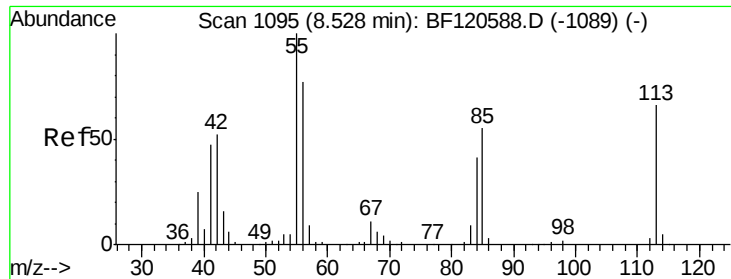
Abundance

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





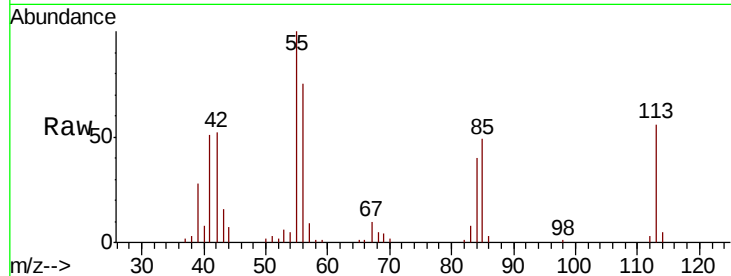
#35
Caprolactam
Concen: 8.031 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.5	133.1	173.1#
56	133.3	98.4	138.4

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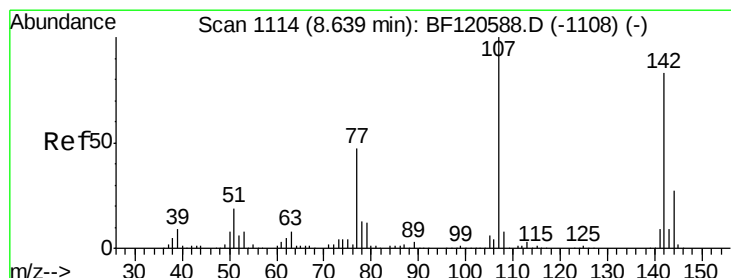
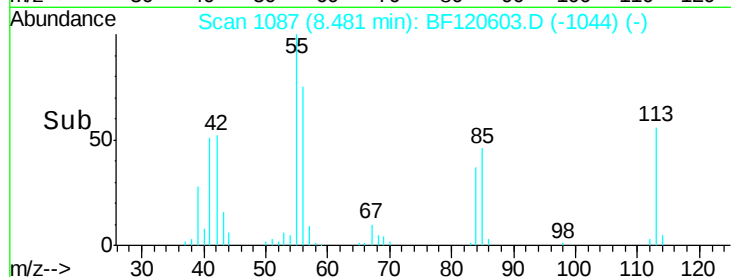
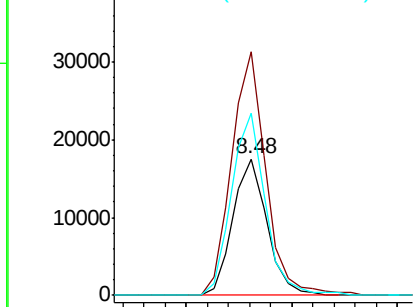


Abundance

Ion 113.00 (112.70 to 113.70): E

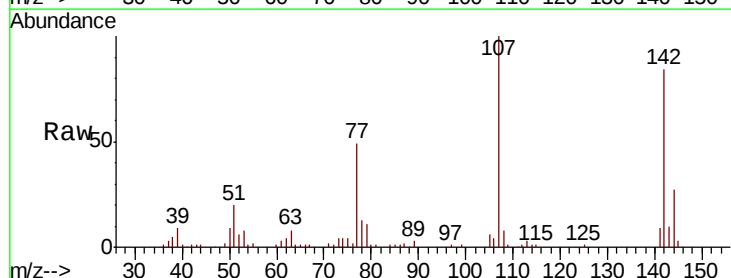
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 8.032 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.0	21.4	32.2
142	84.1	66.3	99.5

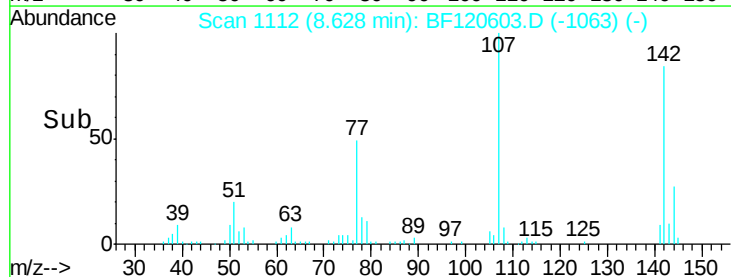
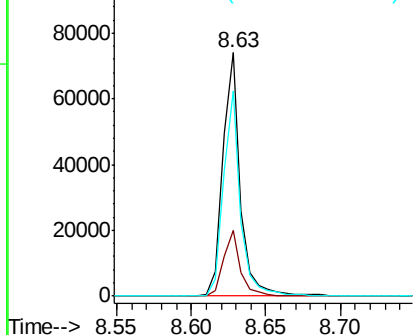


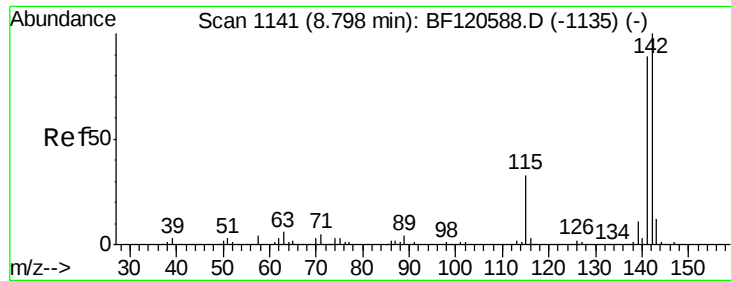
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





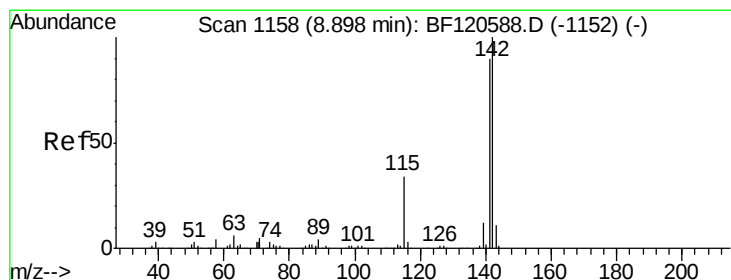
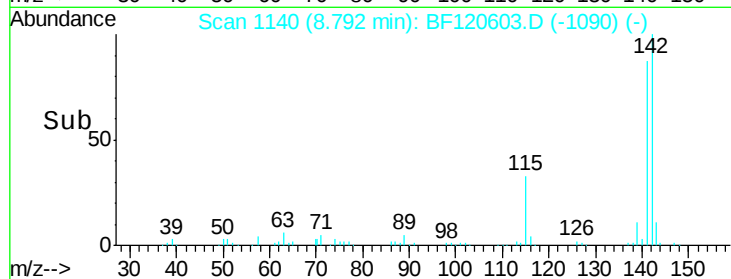
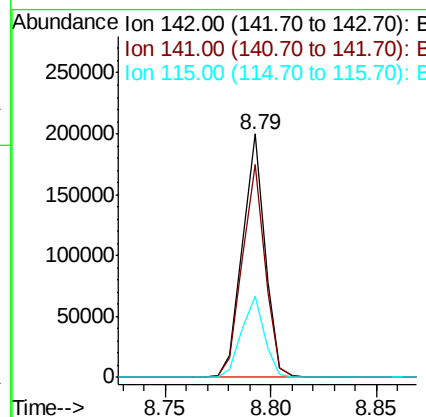
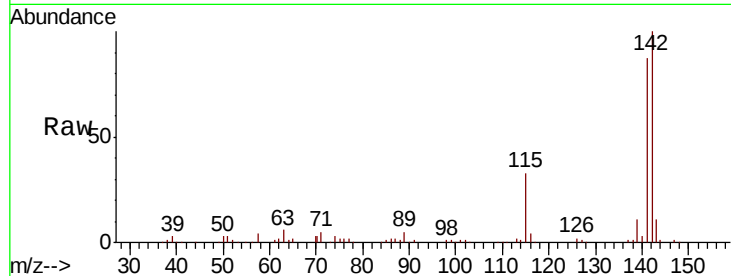
#37
2-Methylnaphthalene
Concen: 8.940 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	71.4	107.0
115	33.2	26.1	39.1

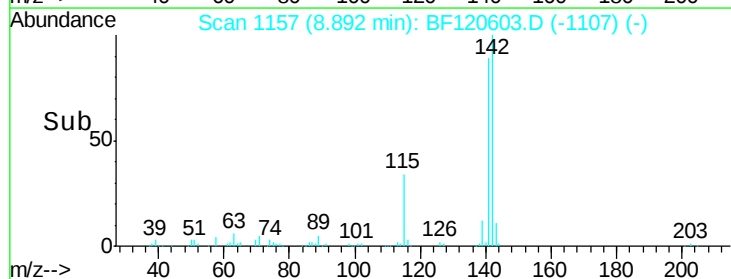
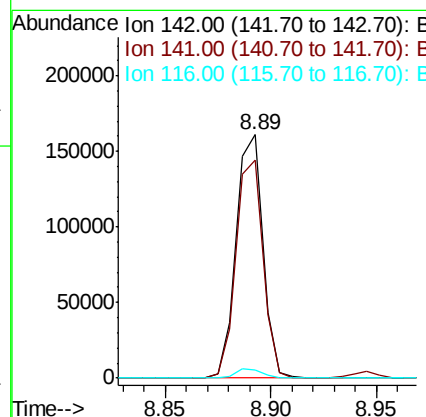
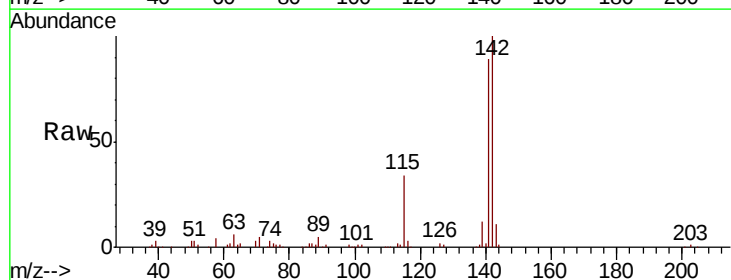
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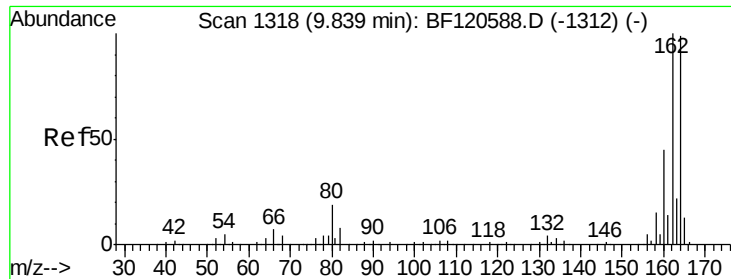
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#38
1-Methylnaphthalene
Concen: 9.024 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.4	72.1	108.1
116	3.4	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: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

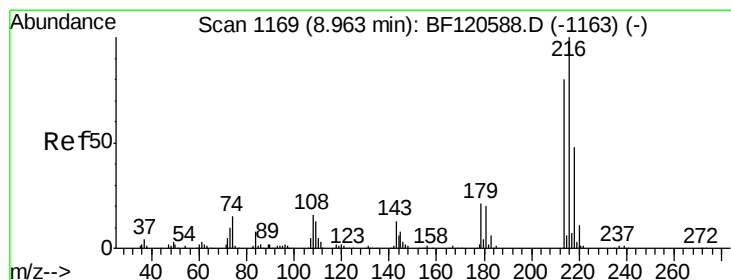
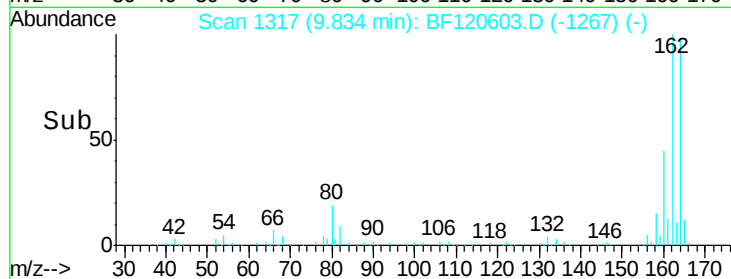
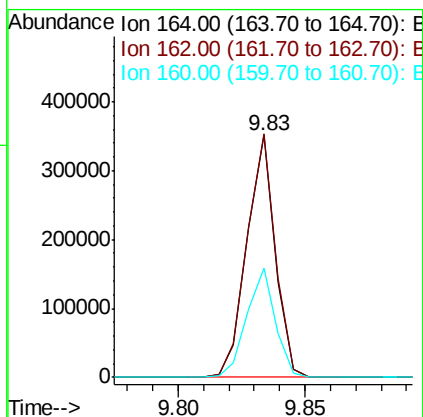
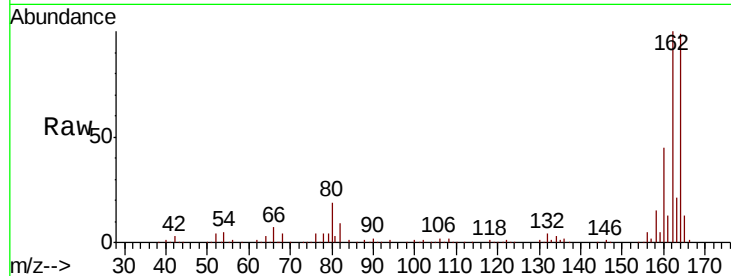
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	164	Resp:	272876
Ion Ratio	Lower	Upper	
164	100		
162	100.6	80.6	120.8
160	45.2	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 8.653 ng

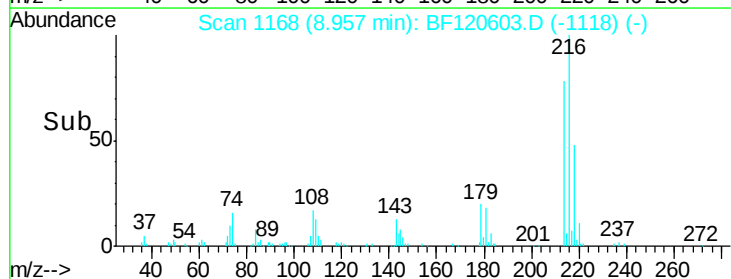
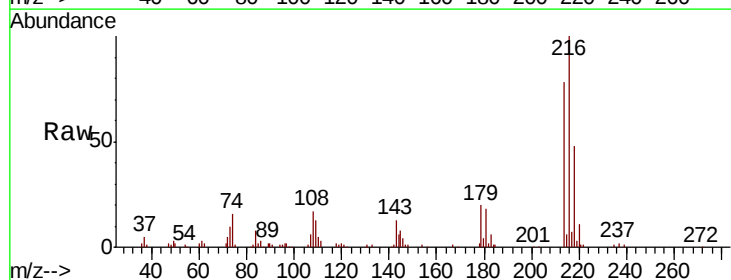
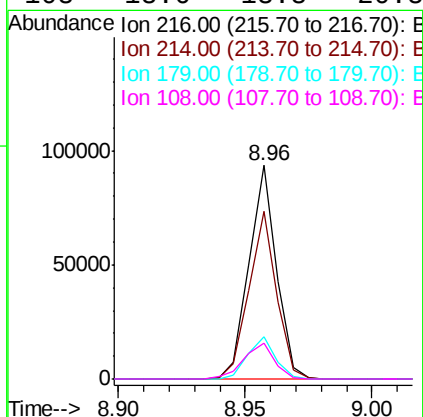
RT: 8.96 min Scan# 1168

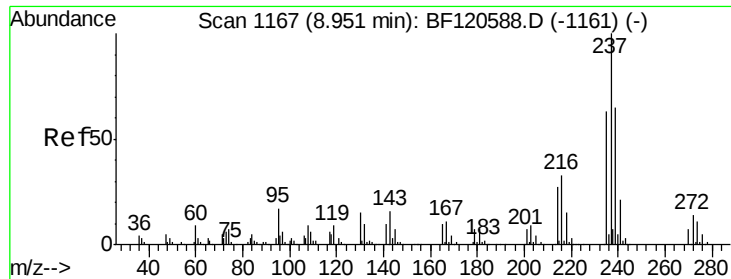
Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	216	Resp:	70502
Ion Ratio	Lower	Upper	
216	100		
214	78.5	63.8	95.6
179	20.0	16.4	24.6
108	18.6	13.8	20.8





#41

Hexachlorocyclopentadiene

Concen: 6.068 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

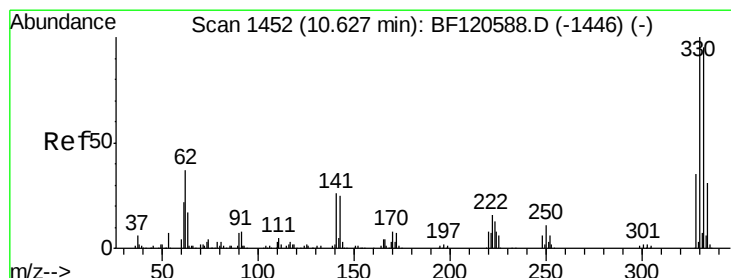
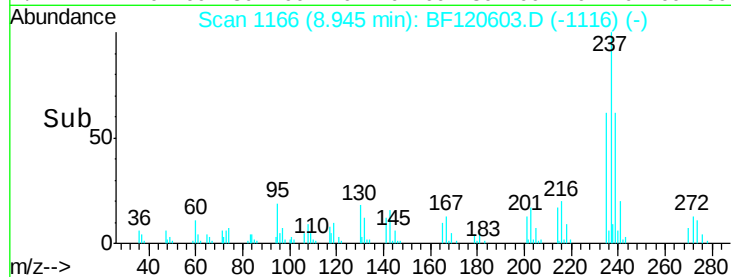
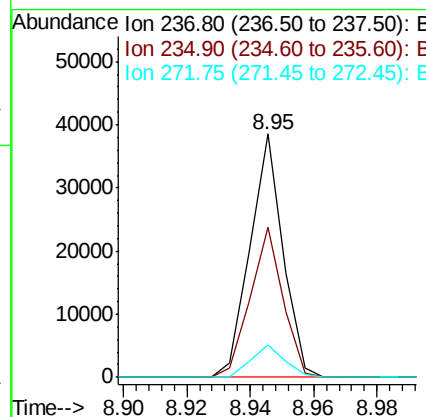
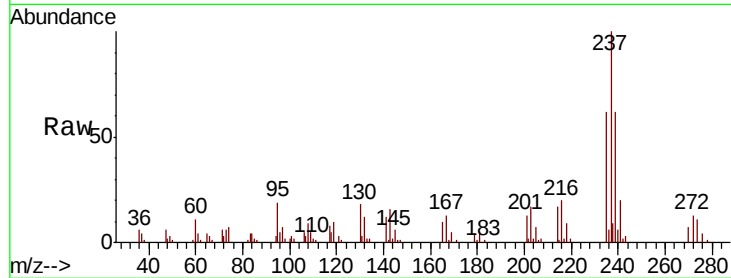
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:	237	Resp:	27705
Ion Ratio	Lower	Upper	
237	100		
235	61.7	43.2	83.2
272	13.3	0.0	33.9

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#42

2,4,6-Tribromophenol

Concen: 147.926 ng

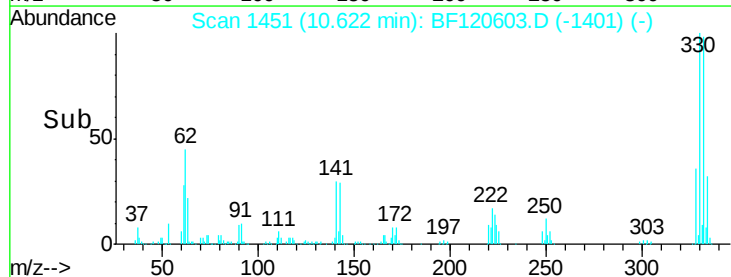
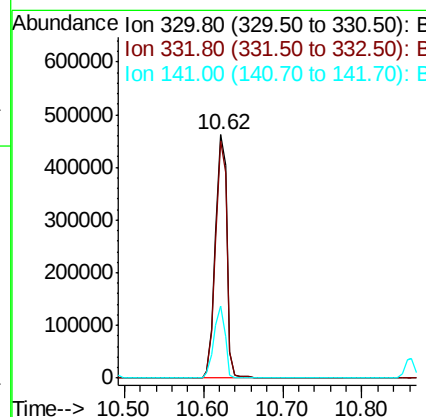
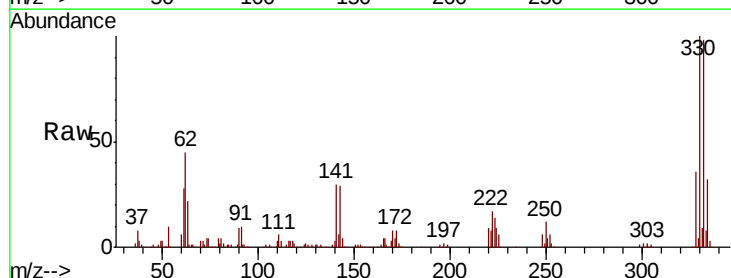
RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	330	Resp:	469305
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.8	115.2
141	28.9	23.2	34.8





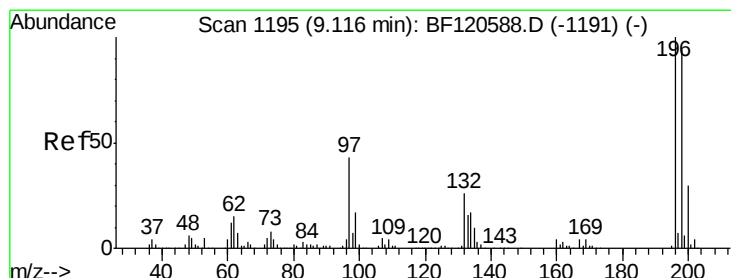
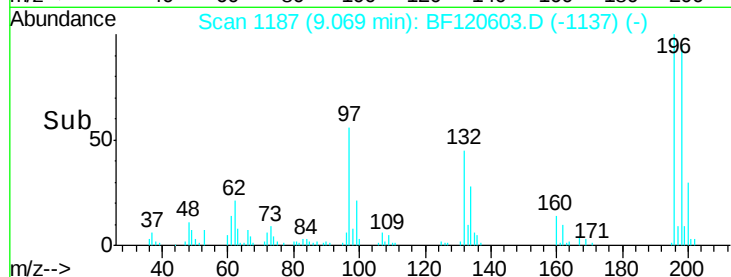
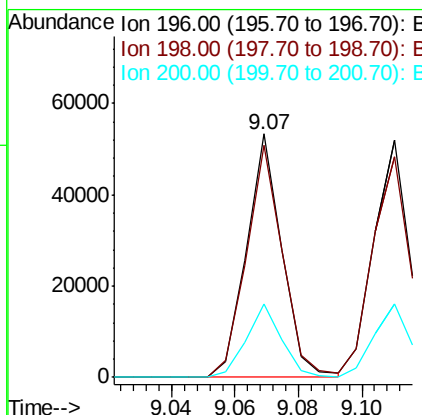
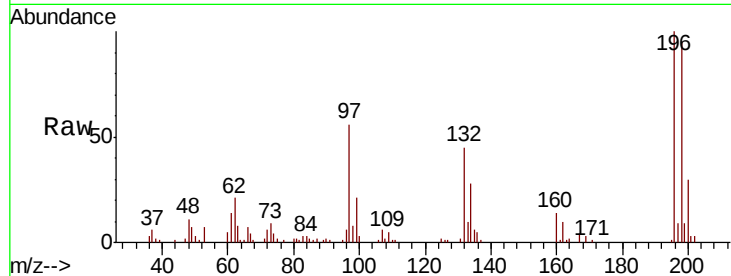
#43
 2,4,6-Trichlorophenol
 Concen: 7.171 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	41444		
198	95.2	76.2	114.2	
200	29.9	24.6	37.0	

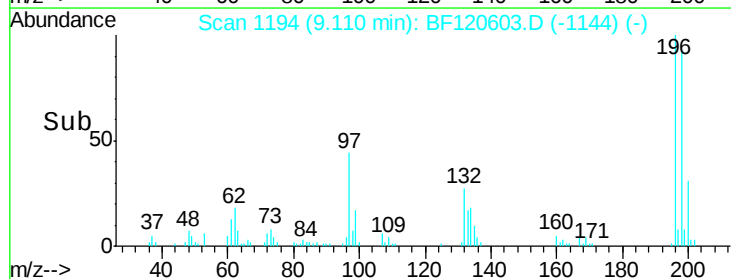
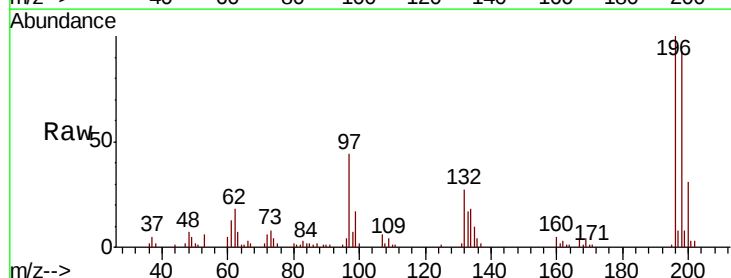
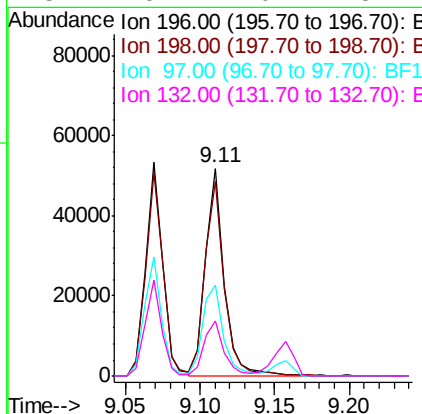
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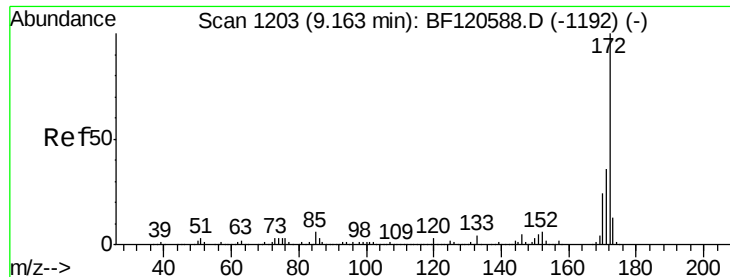
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#44
 2,4,5-Trichlorophenol
 Concen: 6.922 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	45391		
198	93.4	75.5	113.3	
97	43.6	34.4	51.6	
132	26.7	20.7	31.1	





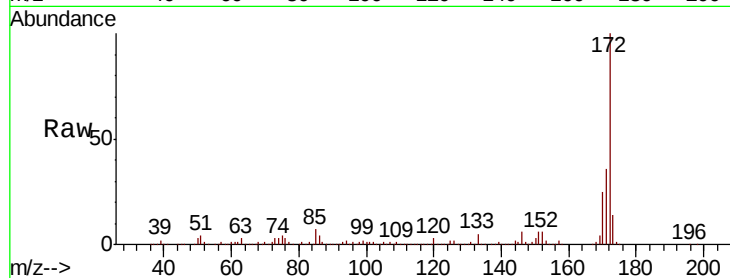
#45
2-Fluorobiphenyl
Concen: 96.721 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	24.8	19.4	29.2

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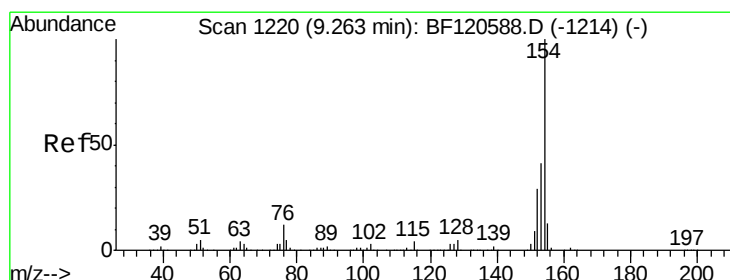
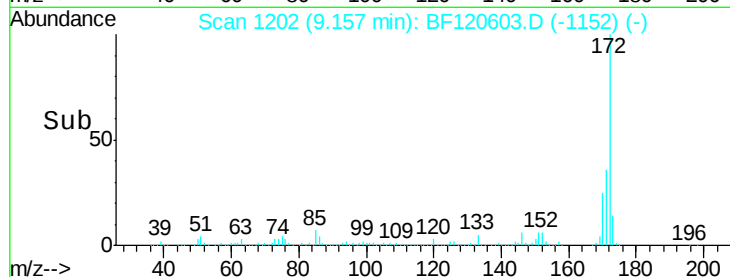
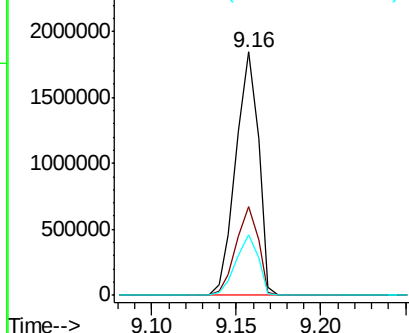


Abundance

Ion 172.00 (171.70 to 172.70): E

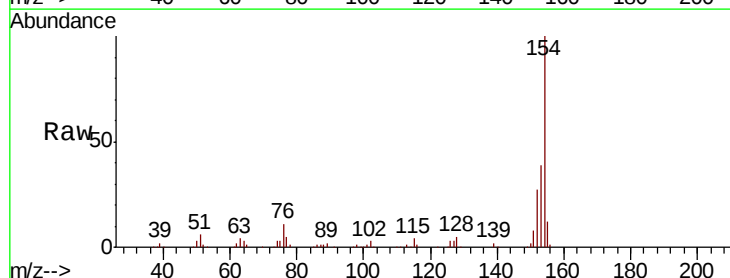
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 9.339 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	21.4	61.4
76	10.7	0.0	31.6

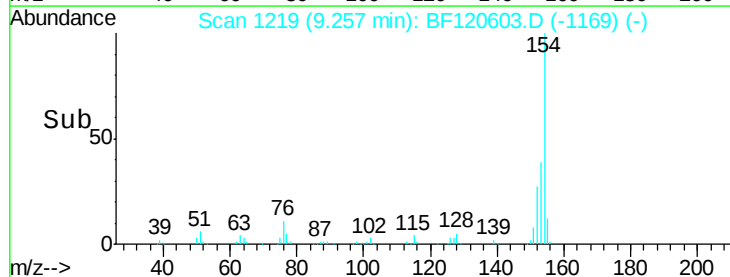
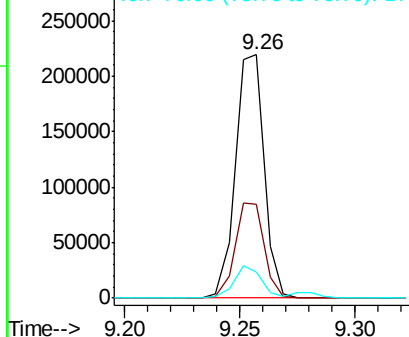


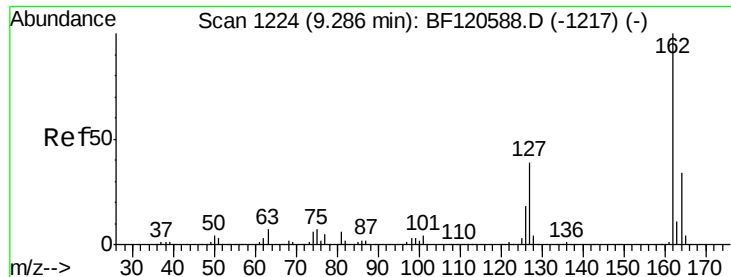
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





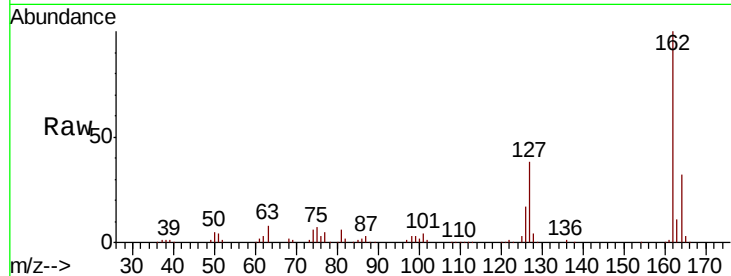
#47
2-Chloronaphthalene
Concen: 8.244 ng
RT: 9.28 min Scan# 1223
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

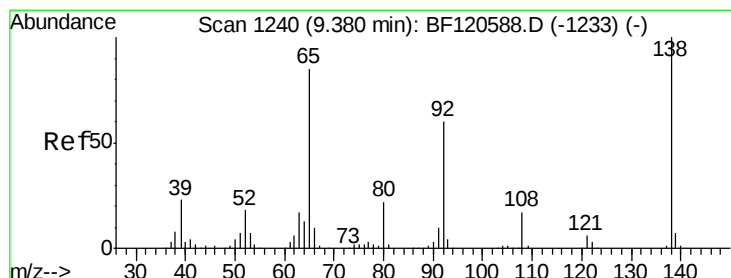
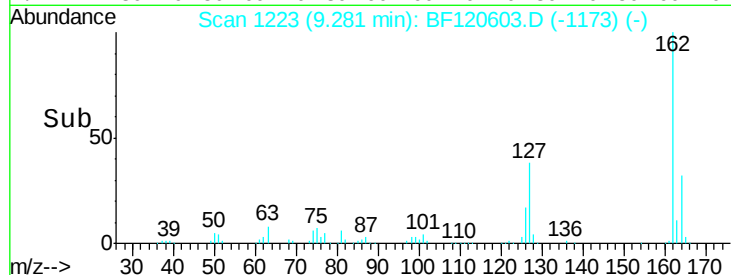
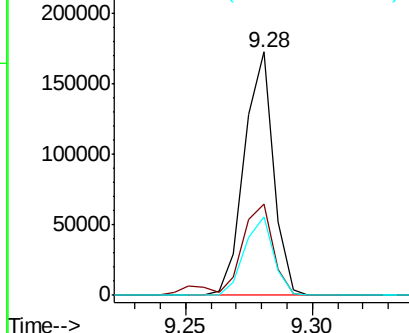
Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	31.3	46.9
164	32.3	26.9	40.3

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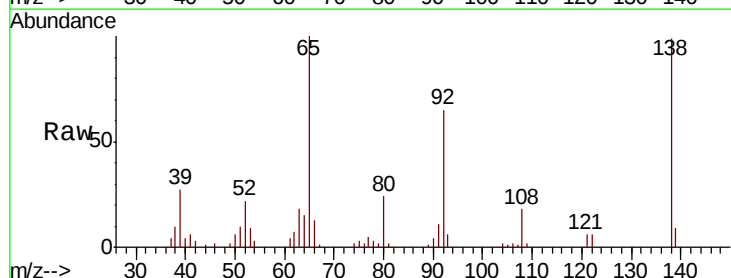


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

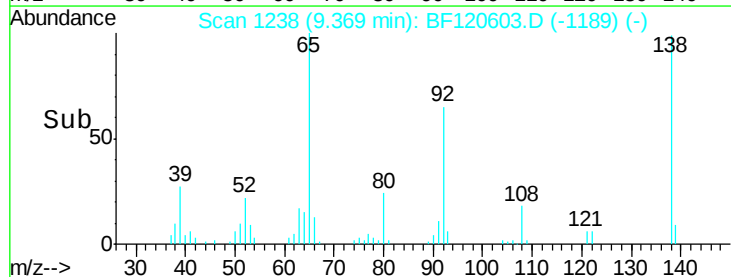
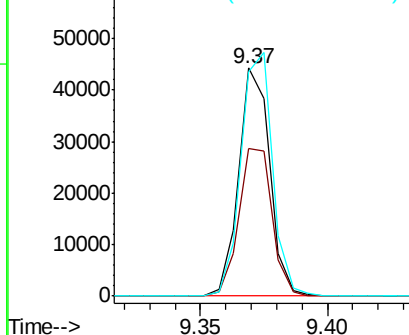


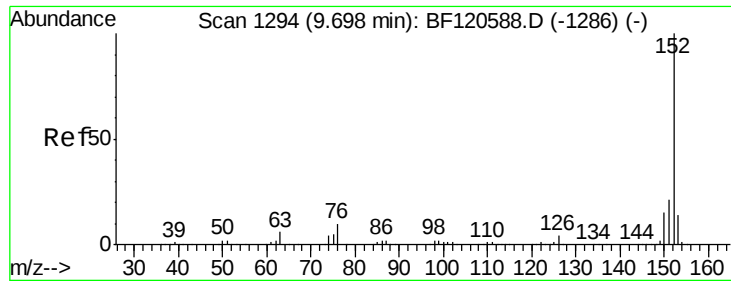
#48
2-Nitroaniline
Concen: 7.172 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.7	56.0	84.0
138	98.7	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: 8.659 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

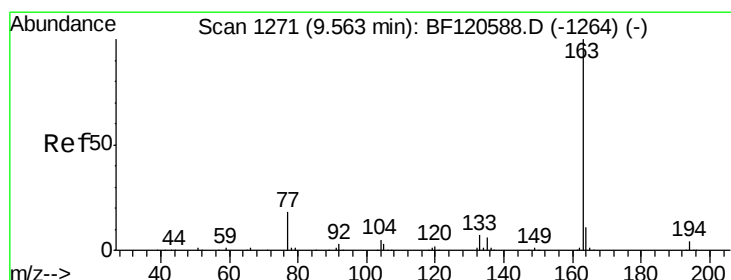
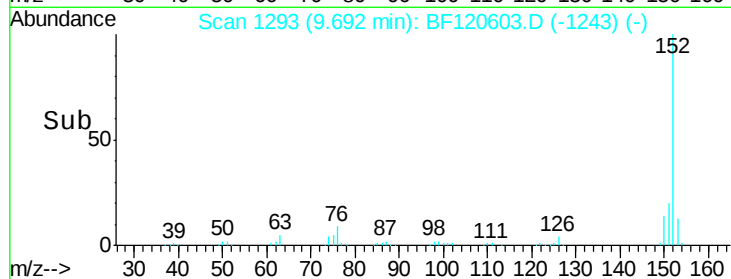
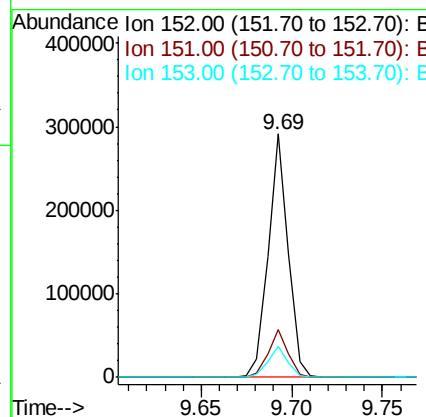
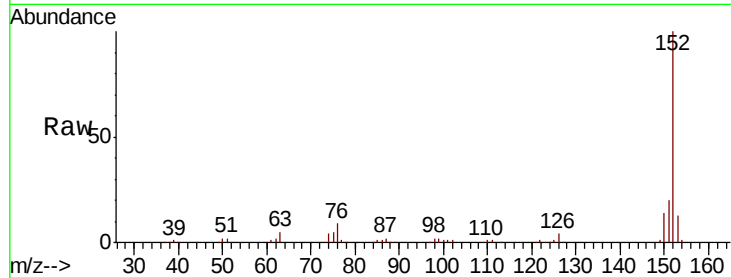
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		222663		
151	19.6	16.6	25.0		
153	12.9	11.0	16.6		

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#50

Dimethylphthalate

Concen: 7.880 ng

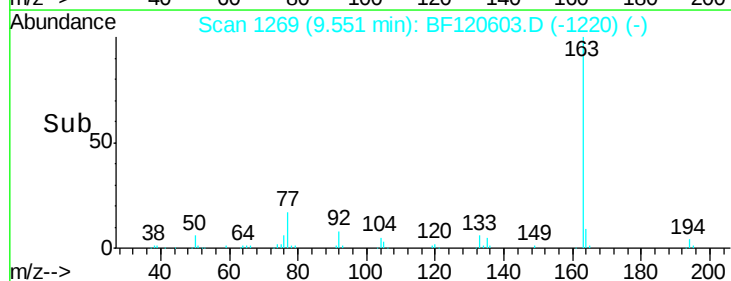
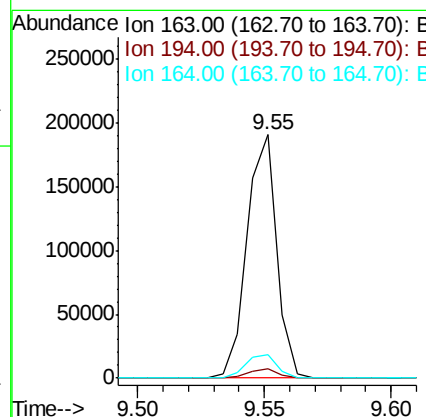
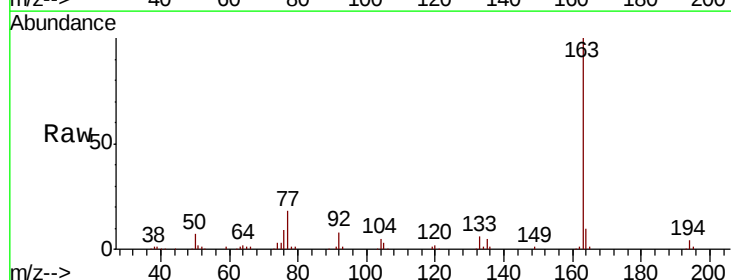
RT: 9.55 min Scan# 1269

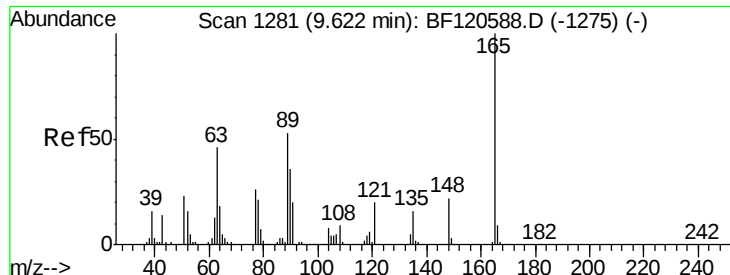
Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		154867		
194	4.0	3.1	4.7		
164	9.8	8.5	12.7		





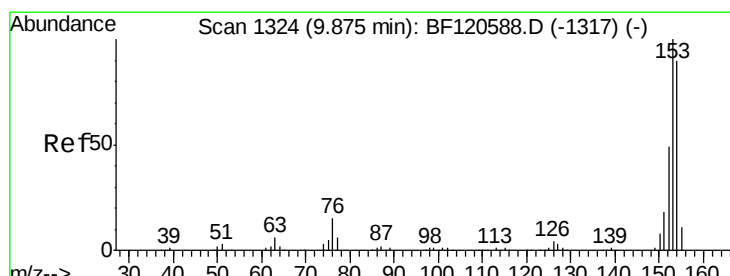
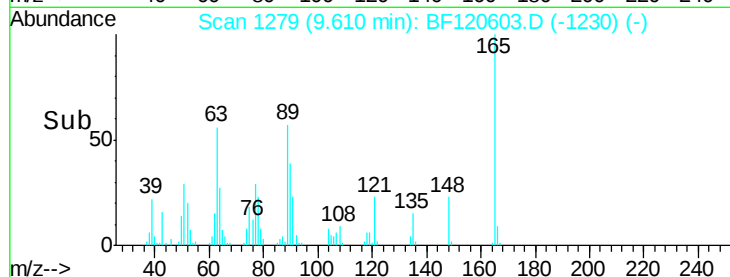
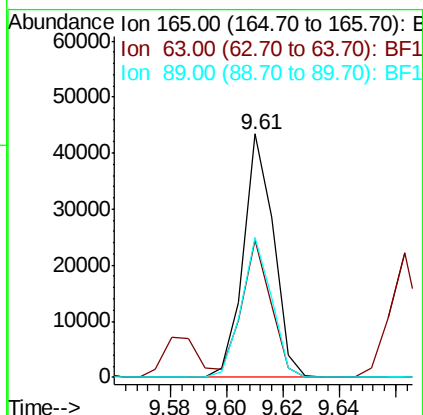
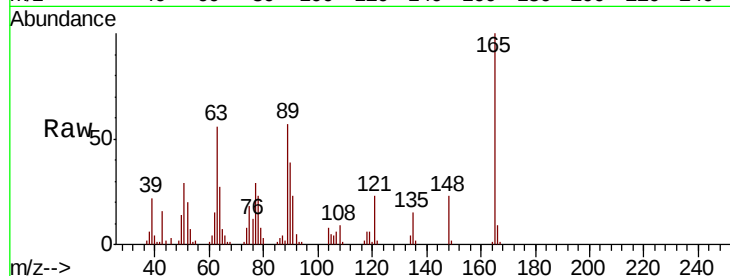
#51
2,6-Dinitrotoluene
Concen: 7.235 ng
RT: 9.61 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	32222		
63	56.5	41.7	62.5	
89	57.5	42.6	64.0	

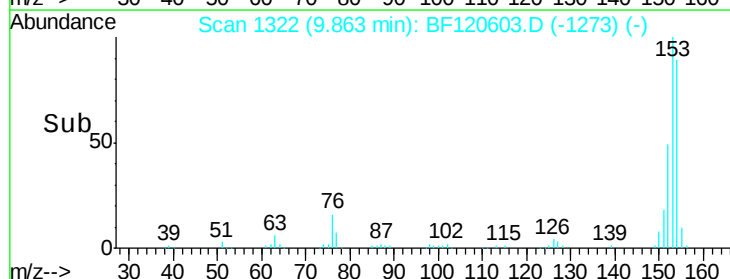
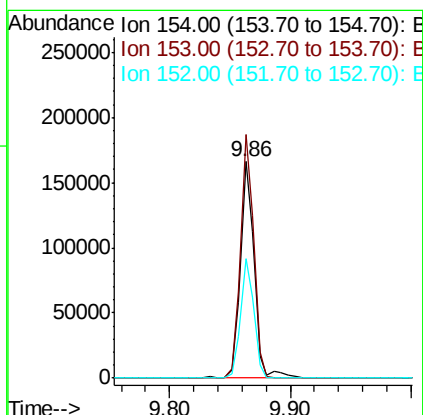
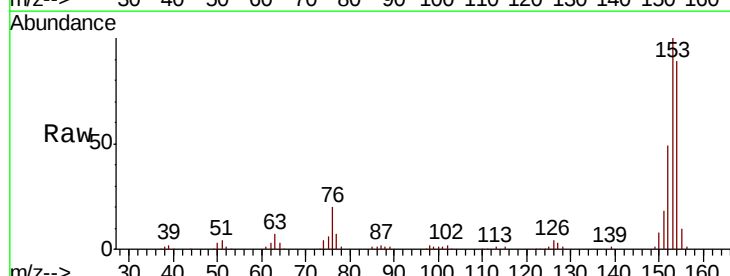
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#52
Acenaphthene
Concen: 8.745 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	134120		
153	112.6	89.1	133.7	
152	55.0	43.7	65.5	





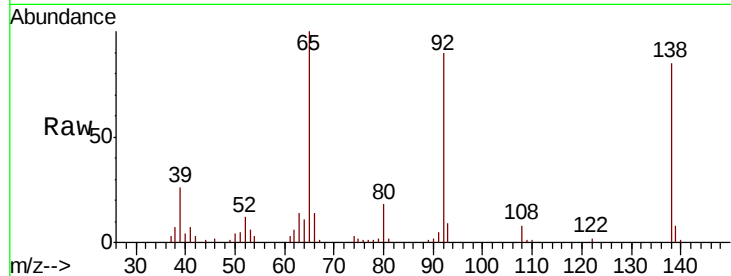
#53
3-Nitroaniline
Concen: 6.680 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

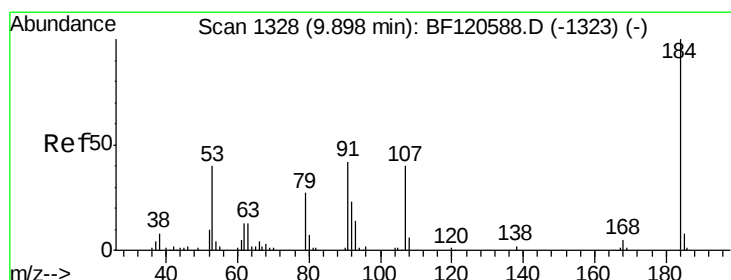
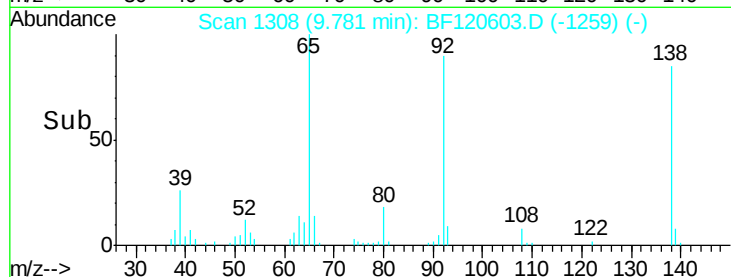
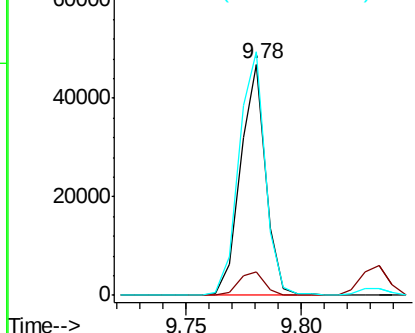
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	105.4	86.0	129.0

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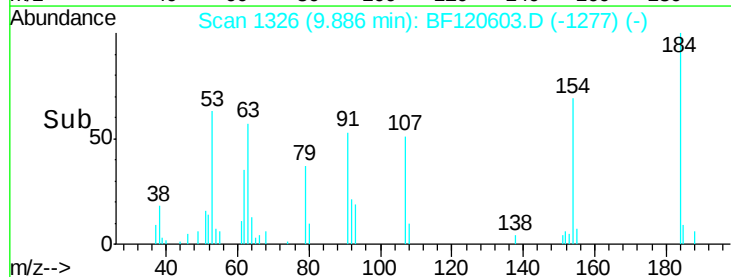
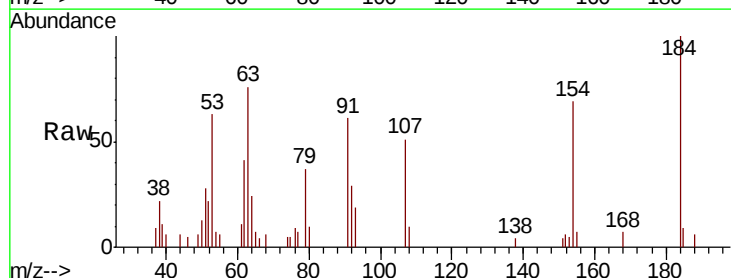
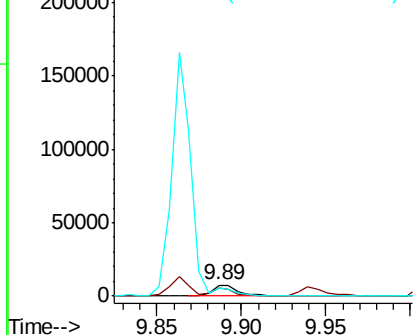
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

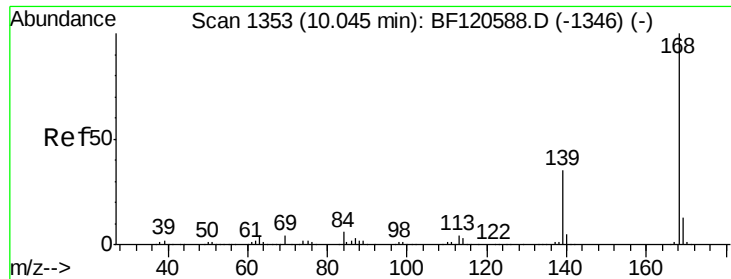


#54
2,4-Dinitrophenol
Concen: 3.619 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.0	44.2	66.2#
154	69.0	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: 8.576 ng

RT: 10.03 min Scan# 1351

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

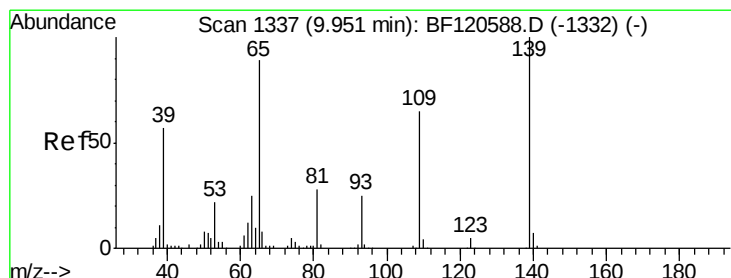
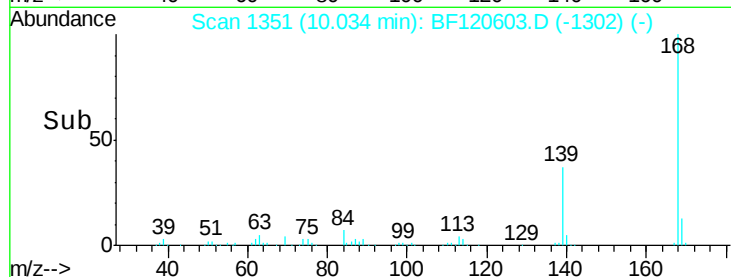
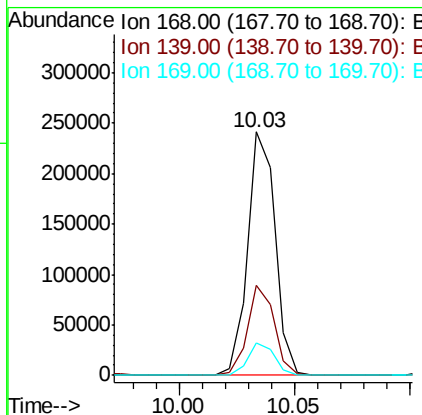
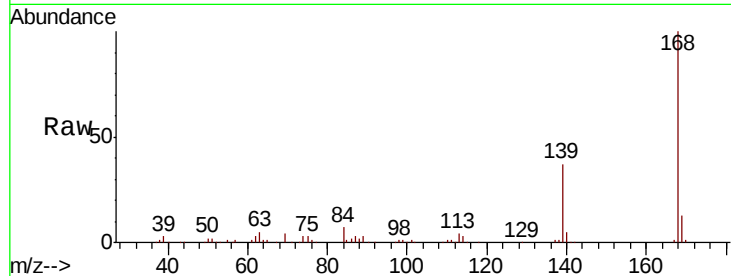
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

Tot Ion:168	Resp:	201668
Ion Ratio	Lower	Upper
168	100	
139	36.8	28.1 42.1
169	13.3	10.6 16.0

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#56

4-Nitrophenol

Concen: 6.016 ng

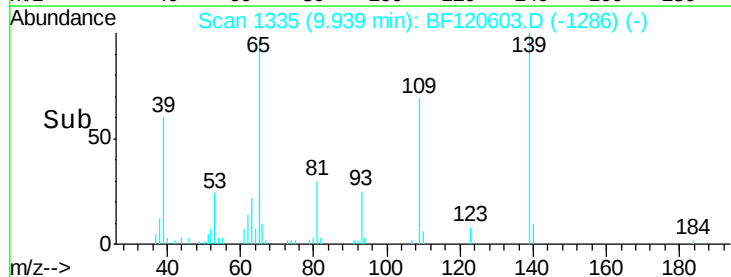
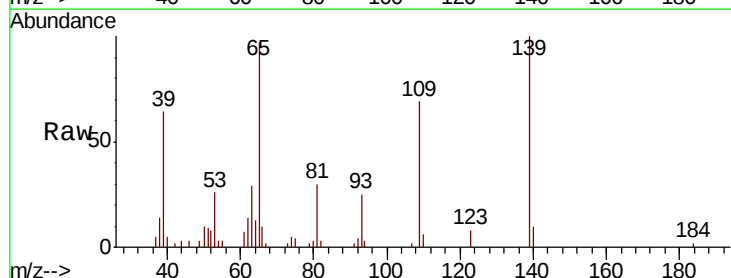
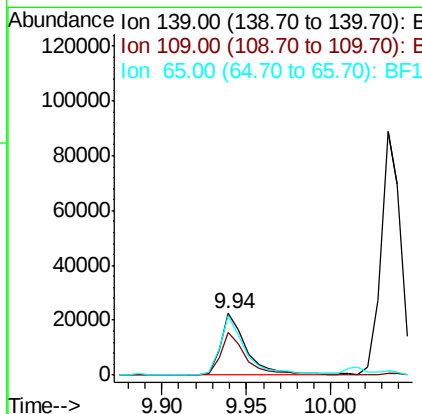
RT: 9.94 min Scan# 1335

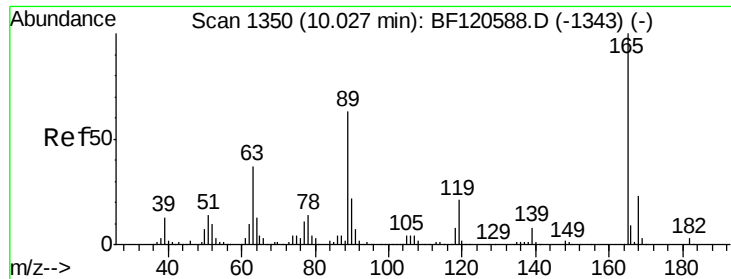
Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:139	Resp:	24240
Ion Ratio	Lower	Upper
139	100	
109	69.4	44.6 84.6
65	97.4	69.2 109.2





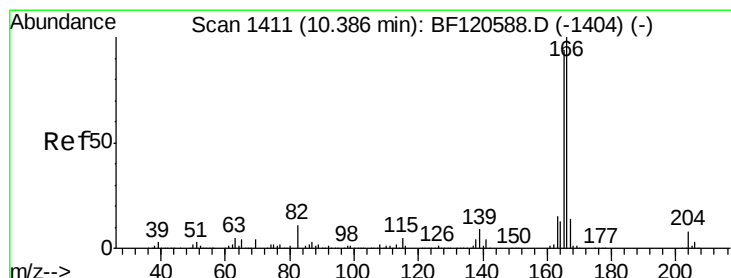
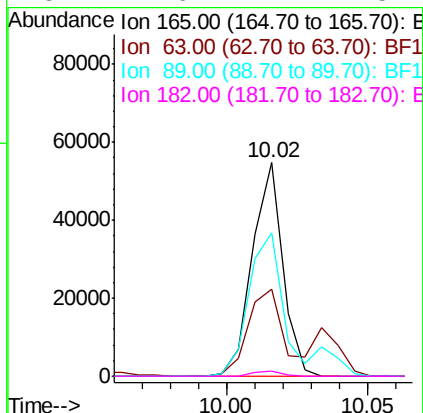
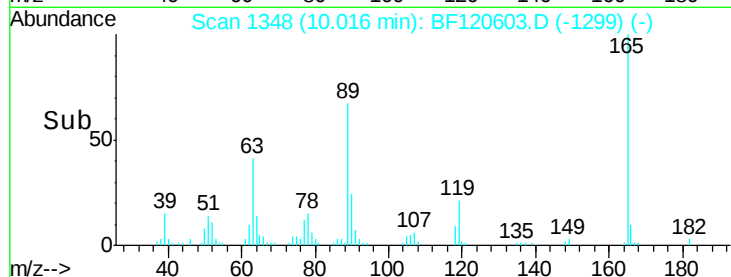
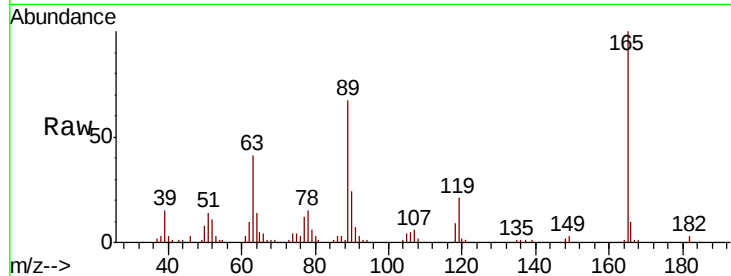
#57
2,4-Dinitrotoluene
Concen: 6.951 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
165	100		
63	40.9	29.8	44.8
89	67.2	50.4	75.6
182	2.6	2.1	3.1

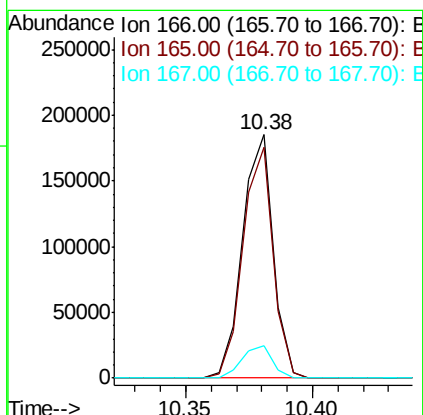
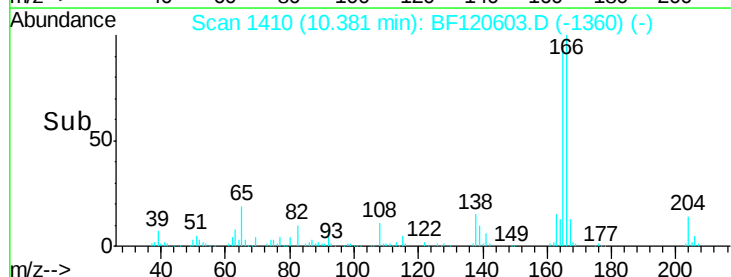
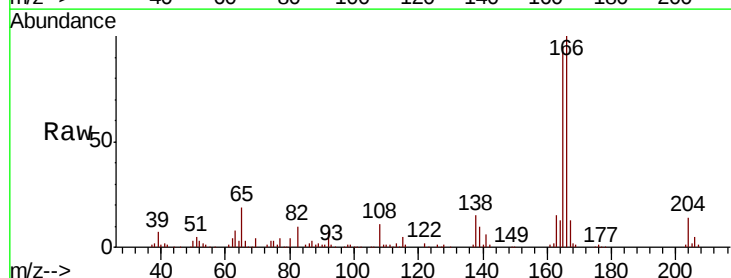
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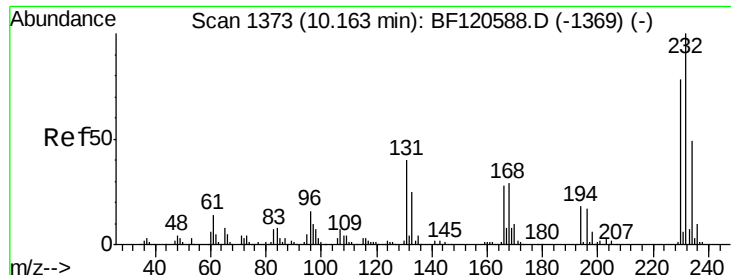
mohammad
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#58
Fluorene
Concen: 8.510 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.7	75.0	112.6
167	13.3	11.0	16.4





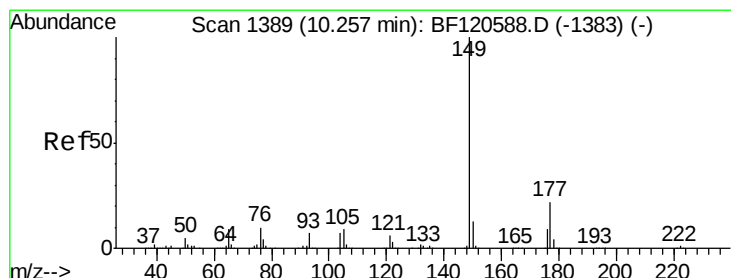
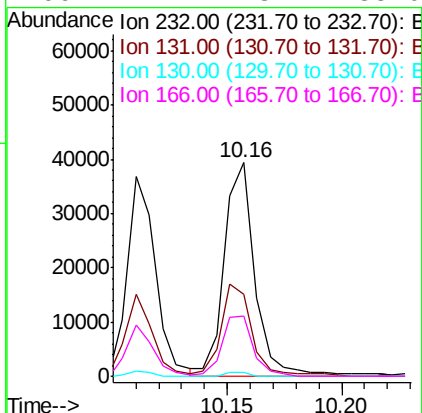
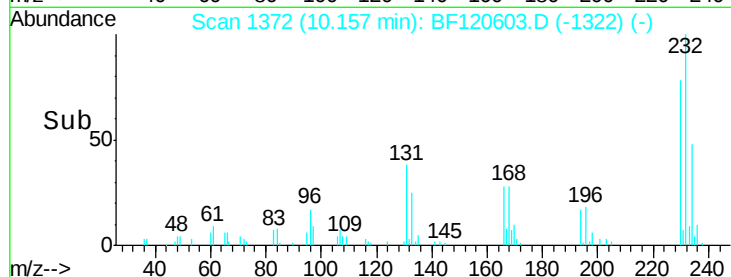
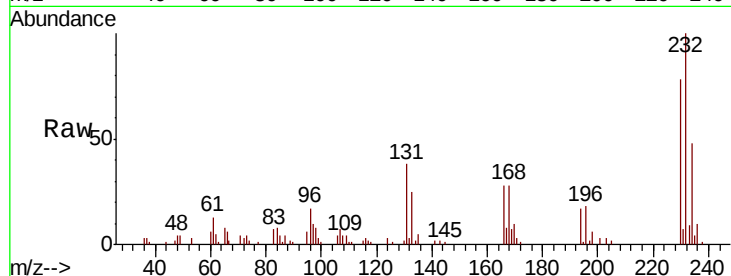
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 7.114 ng/ml
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	33.9	33.5	50.3
130	1.9	1.5	2.3
166	21.2	23.4	35.0

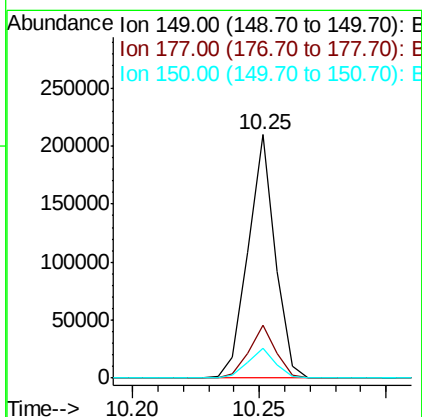
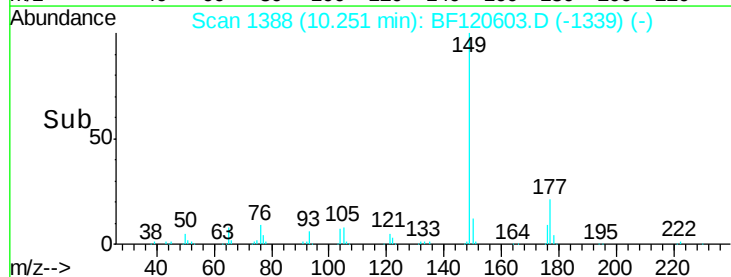
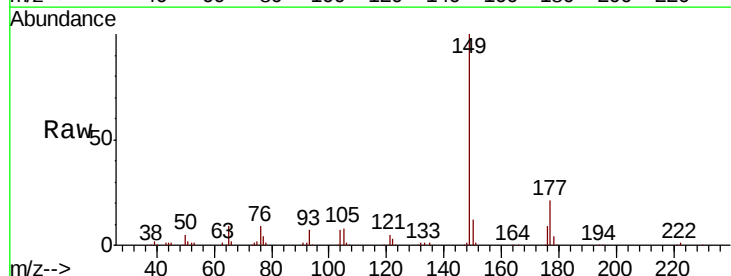
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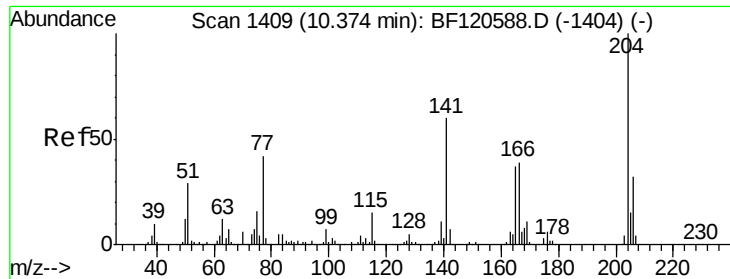
mohammad
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#60
 Diethylphthalate
 Concen: 8.053 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.3	25.9
150	12.1	10.3	15.5





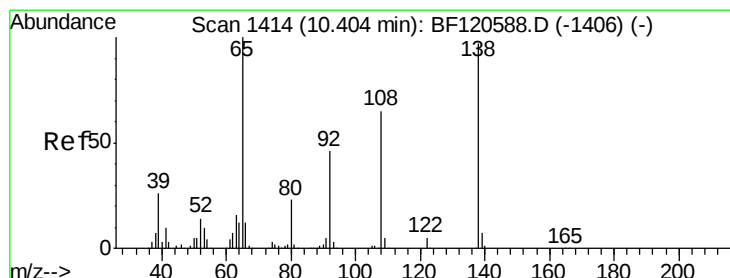
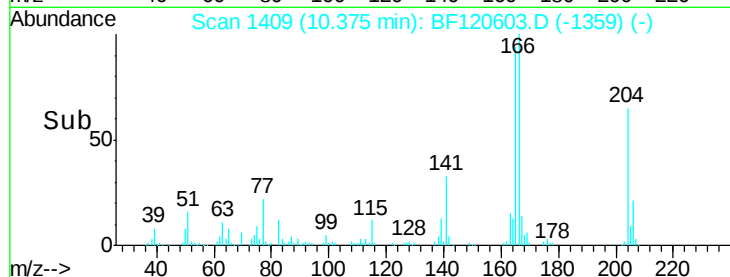
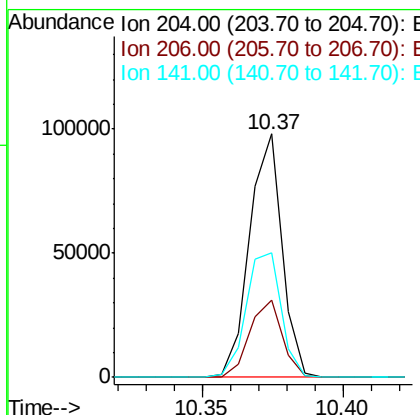
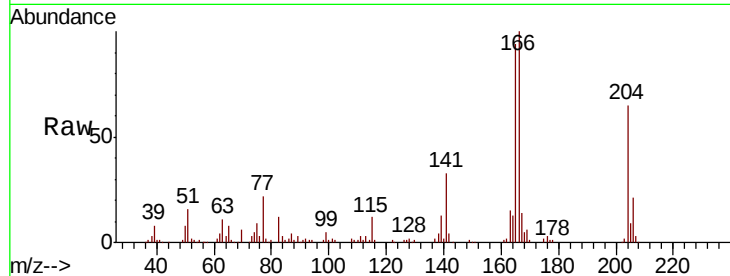
#61
 4-Chlorophenyl-phenylether
 Concen: 8.364 ng
 RT: 10.37 min Scan# 1409
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion:	204	Resp:	78301
Ion Ratio	Lower	Upper	
204	100		
206	31.5	25.9	38.9
141	51.0	47.6	71.4

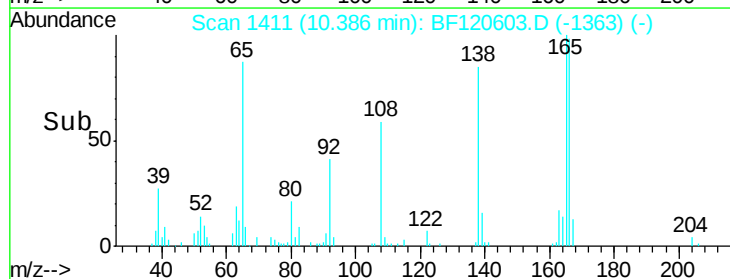
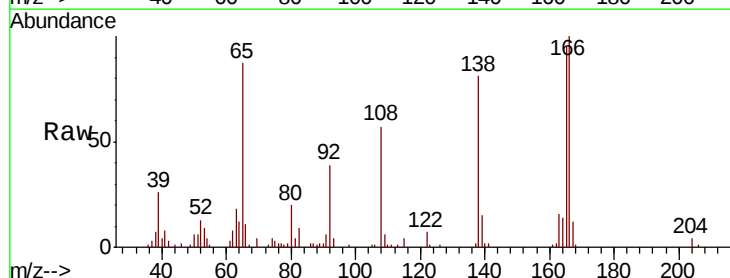
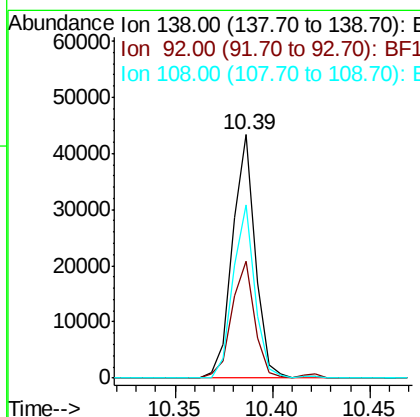
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#62
 4-Nitroaniline
 Concen: 6.612 ng
 RT: 10.39 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion:	138	Resp:	35117
Ion Ratio	Lower	Upper	
138	100		
92	48.3	27.3	67.3
108	70.9	47.4	87.4





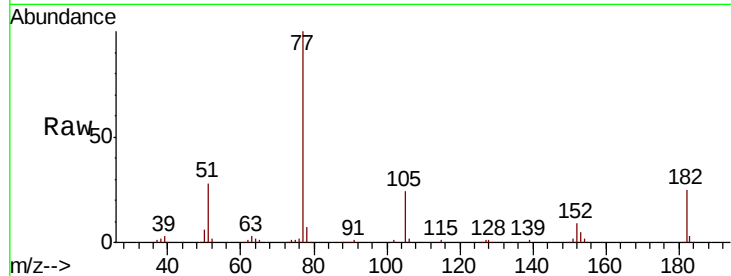
#63
Azobenzene
Concen: 8.615 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

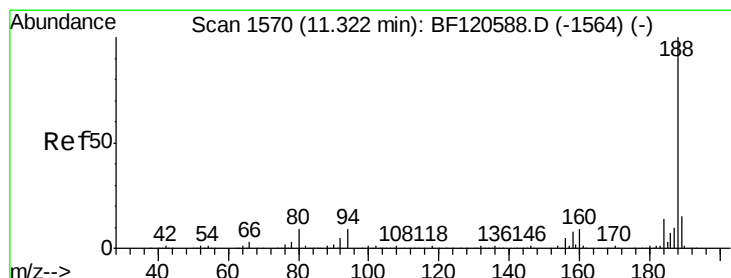
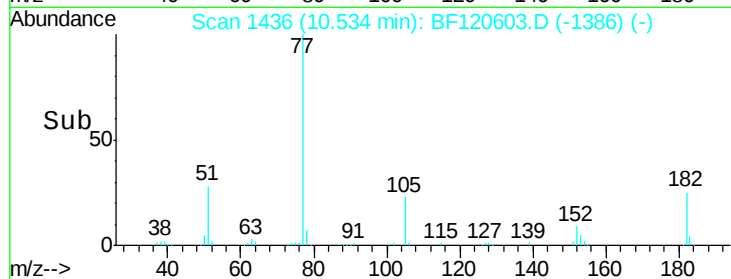
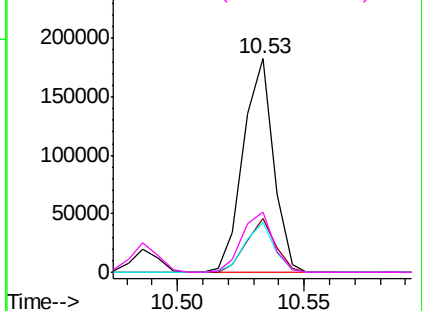
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		151361		
182	24.9	7.7	47.7		
105	23.6	3.2	43.2		
51	28.4	8.5	48.5		

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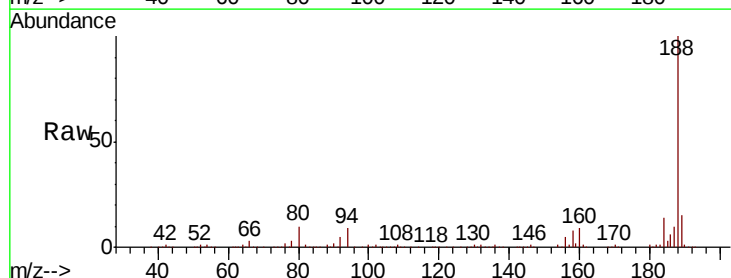


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

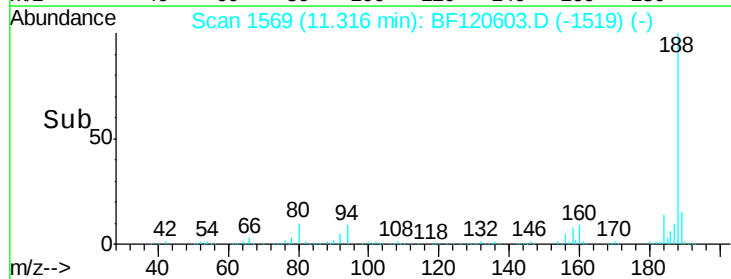
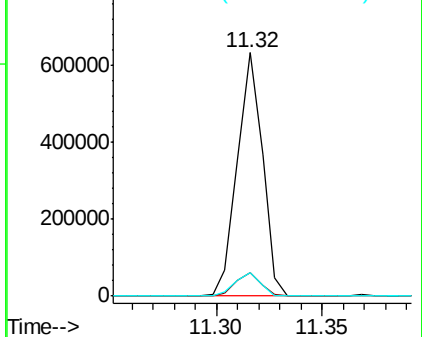


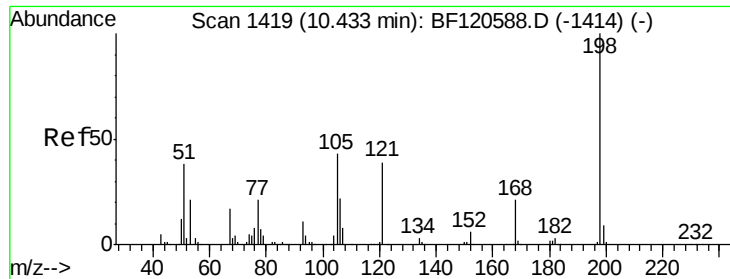
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		521585		
94	9.5	7.2	10.8		
80	9.7	7.4	11.2		



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





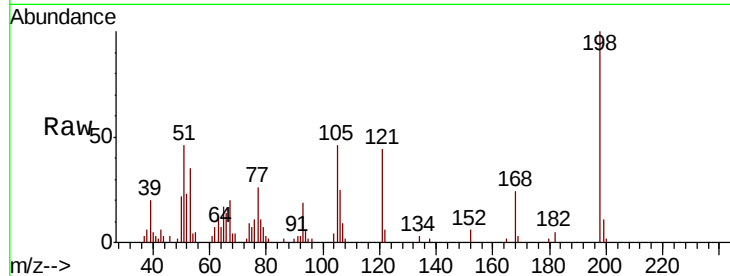
#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.366 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

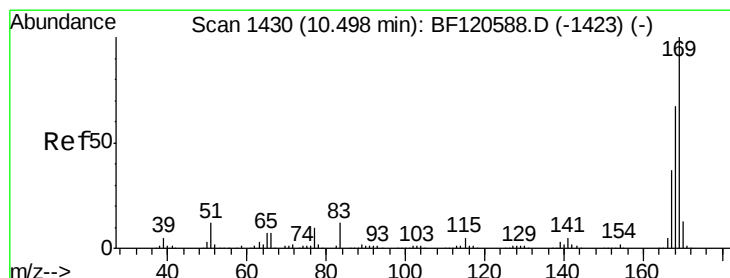
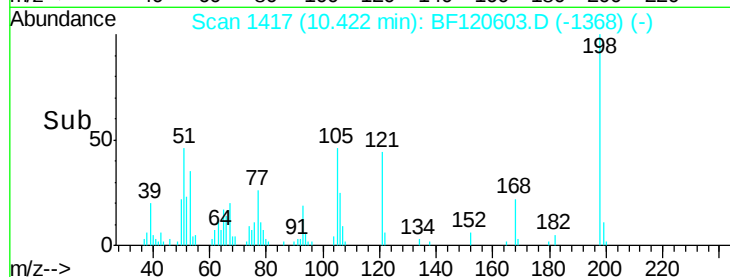
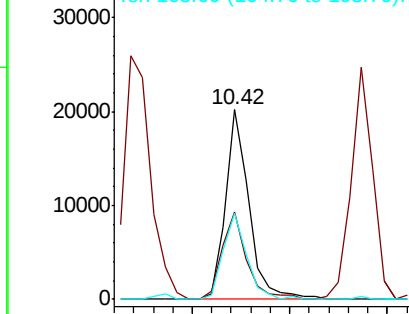
Tot Ion	Ratio	Resp	Lower	Upper
198	100	16795		
51	46.5	24.8	64.8	
105	45.7	23.9	63.9	

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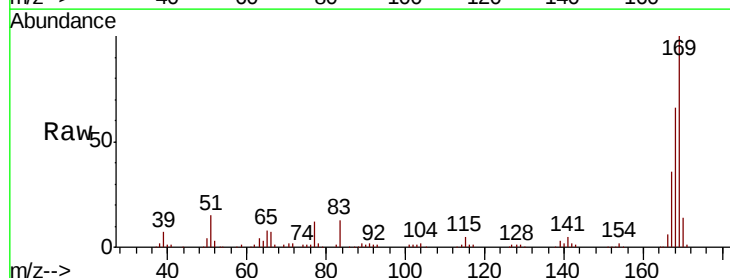


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

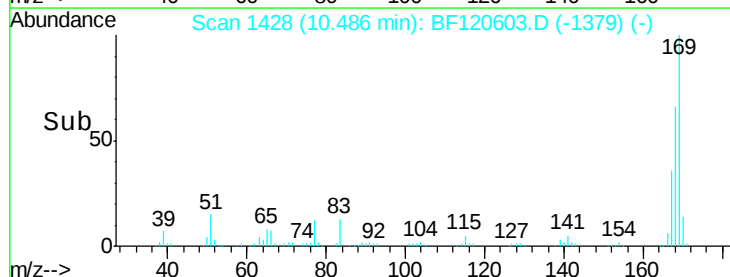
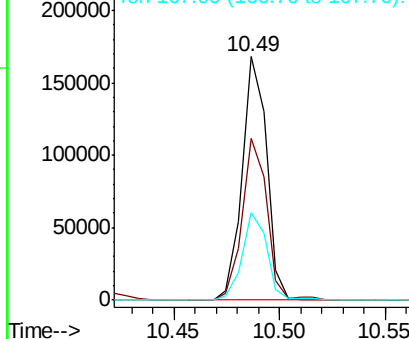


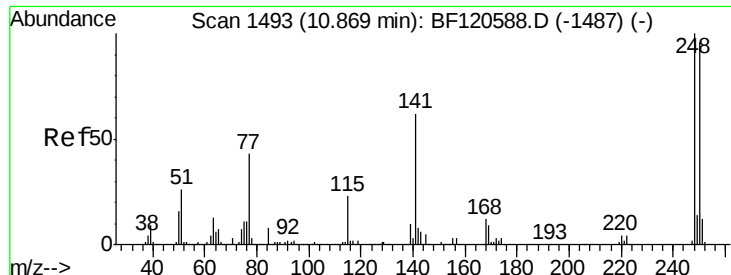
#66
 n-Nitrosodiphenylamine
 Concen: 8.418 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	134834		
168	66.2	53.7	80.5	
167	35.8	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





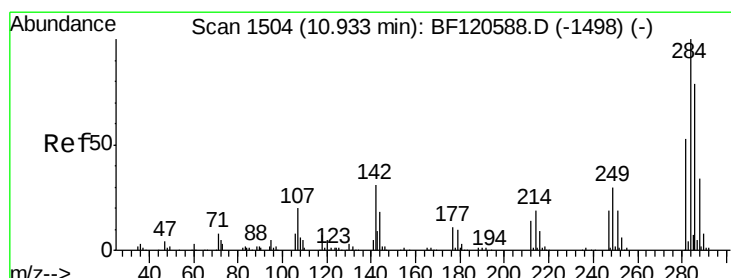
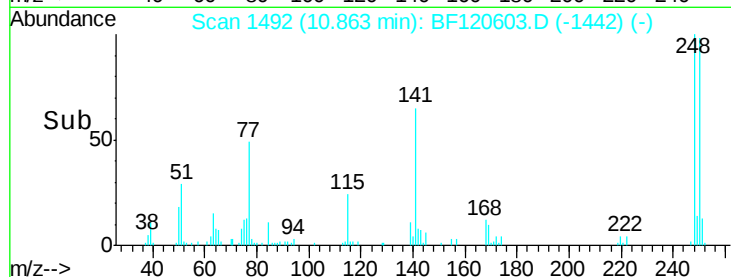
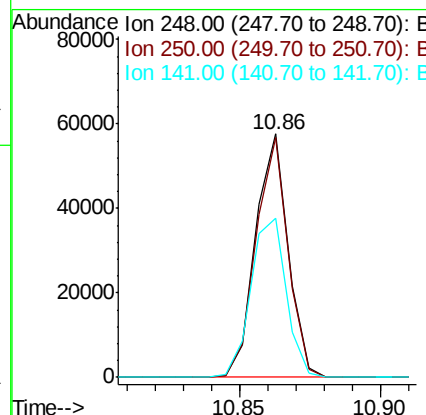
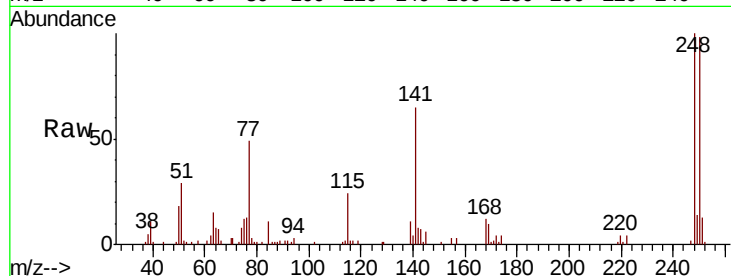
#67
4-Bromophenyl-phenylether
Concen: 7.777 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	76.7	115.1
141	65.3	49.4	74.0

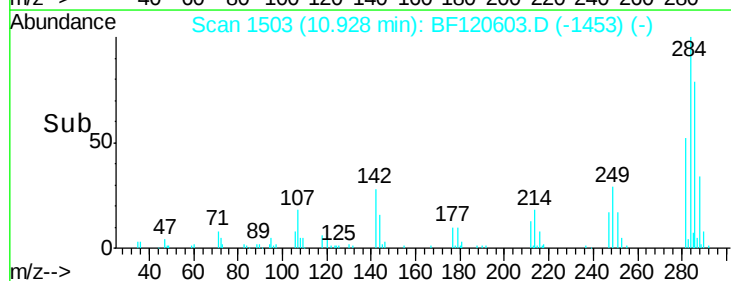
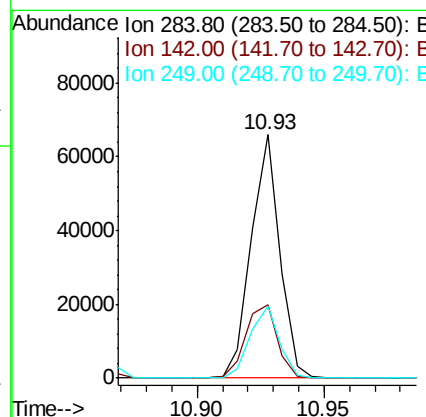
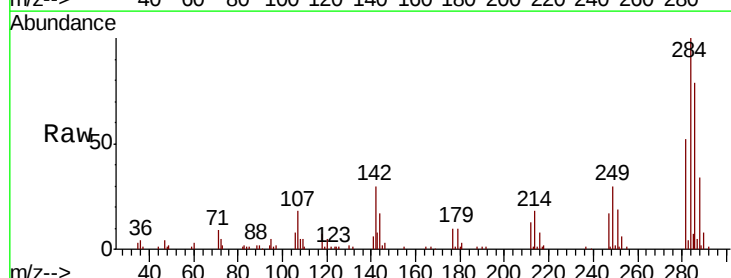
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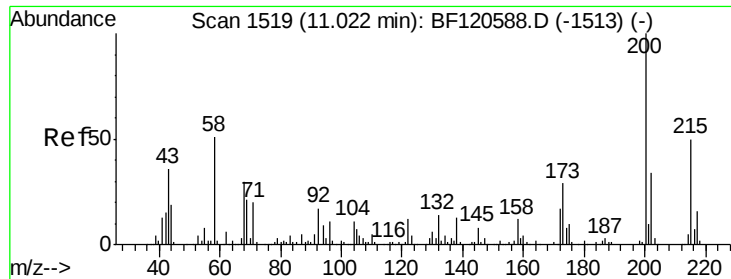
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#68
Hexachlorobenzene
Concen: 8.149 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.9	25.1	37.7
249	29.5	24.0	36.0





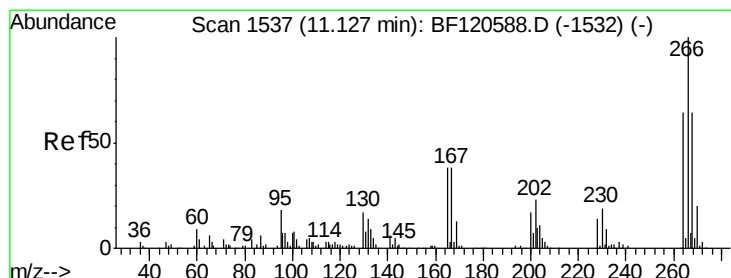
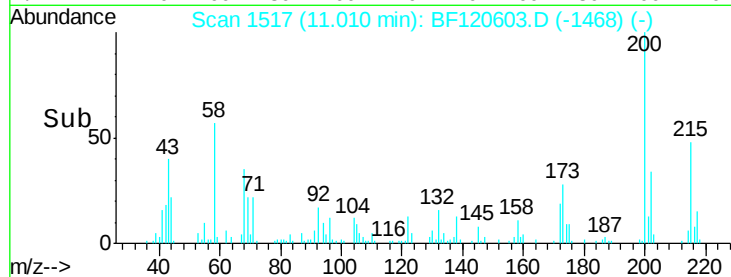
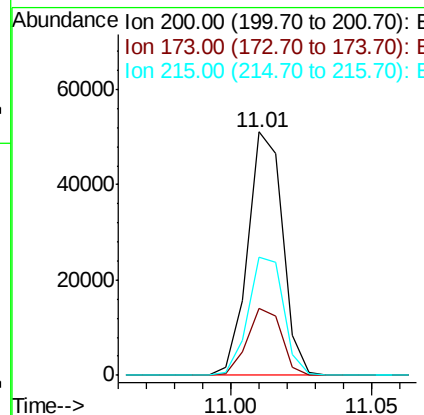
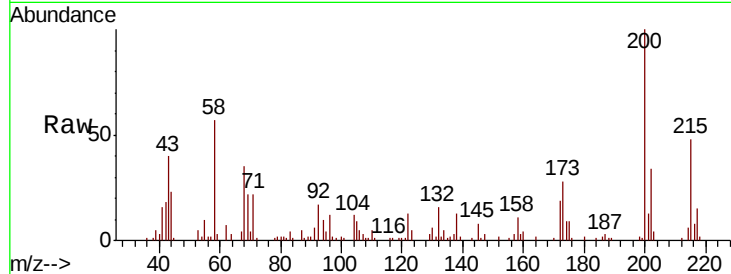
#69
Atrazine
Concen: 8.847 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.7	9.1	49.1
215	48.5	29.8	69.8

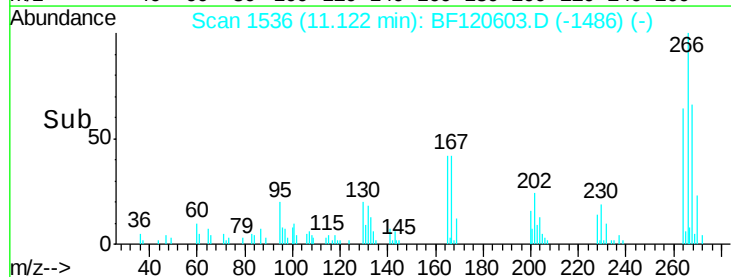
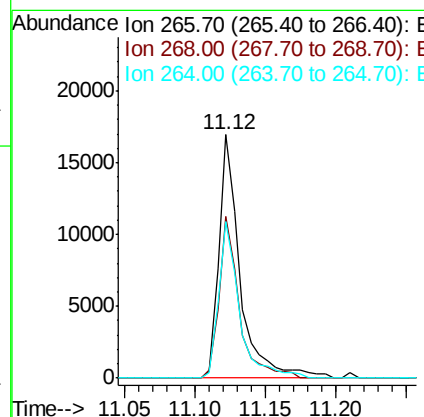
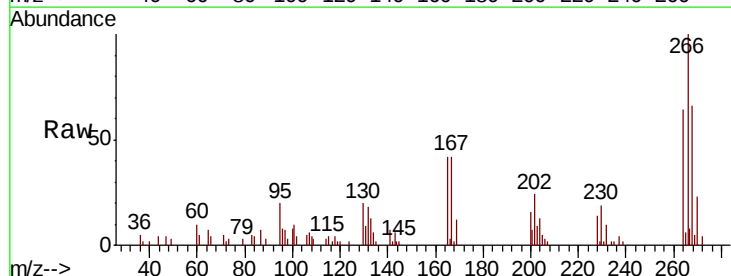
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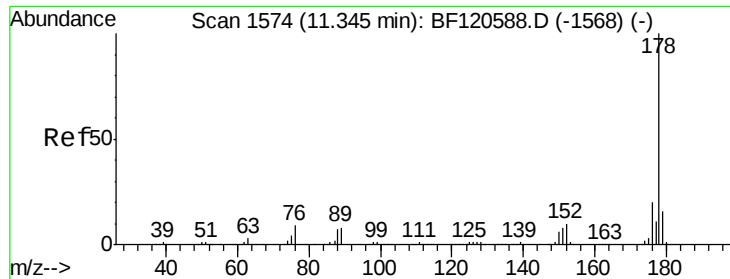
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#70
Pentachlorophenol
Concen: 5.002 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.2	51.4	77.0
264	64.4	50.8	76.2





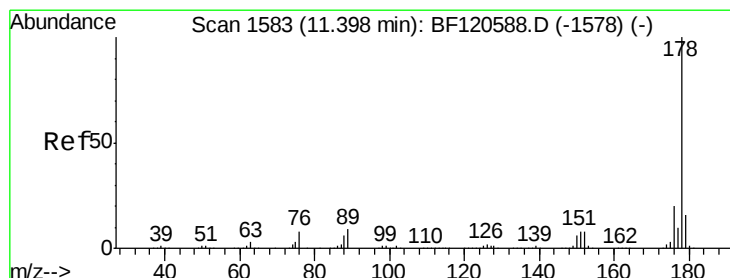
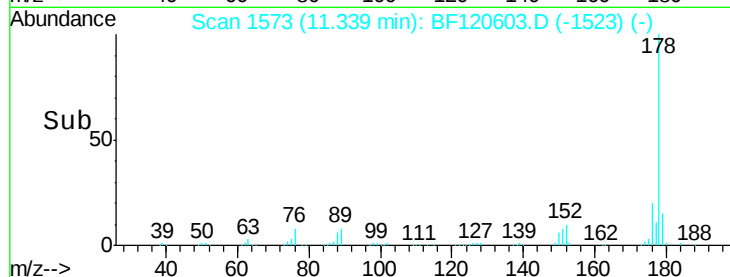
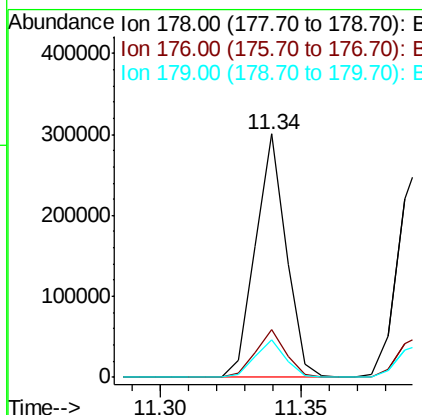
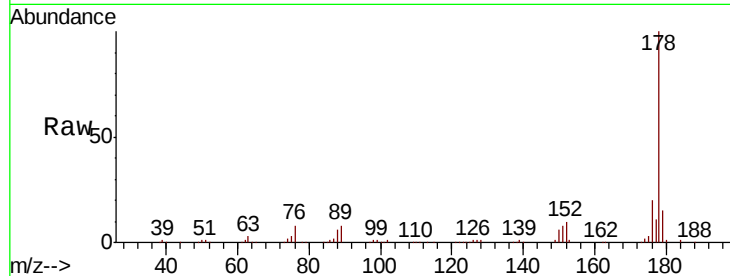
#71
Phenanthrene
Concen: 8.736 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.2	12.8	19.2

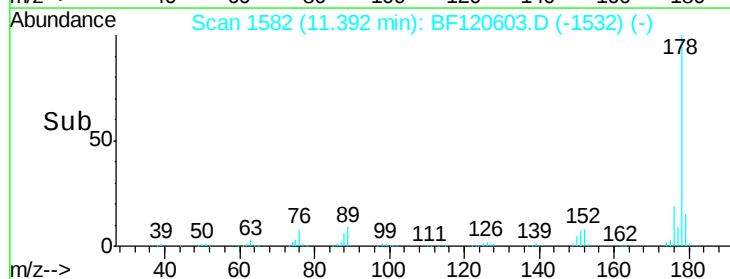
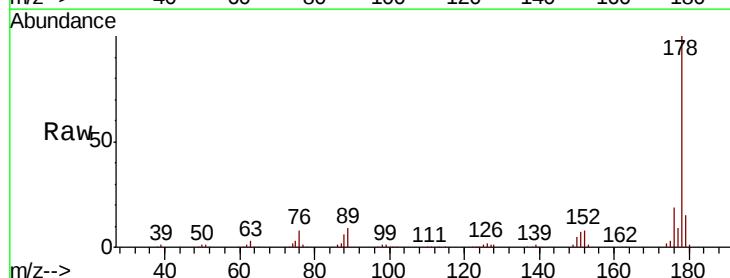
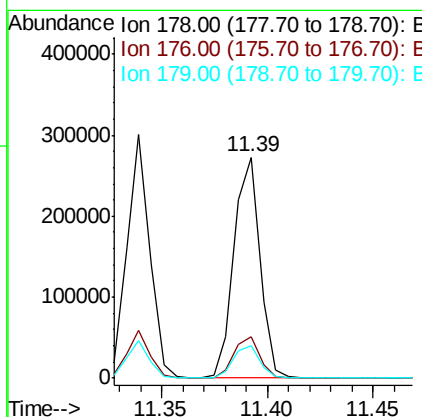
Manual Integrations
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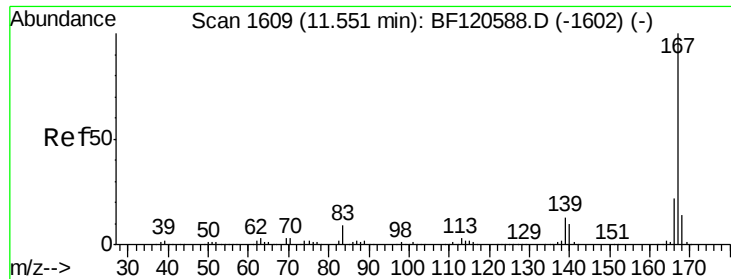
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#72
Anthracene
Concen: 8.839 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.6	23.4
179	14.7	12.9	19.3





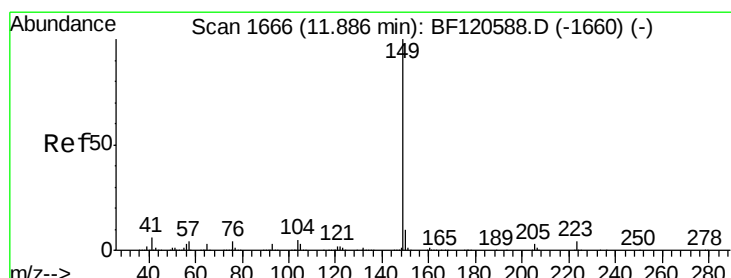
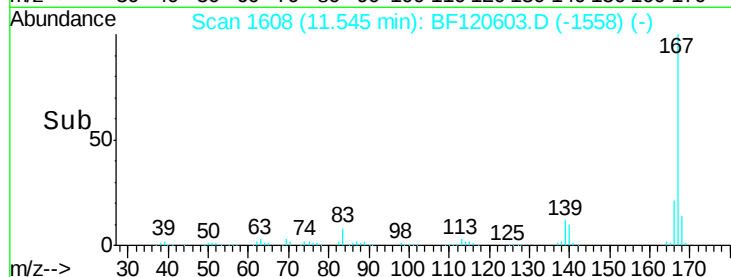
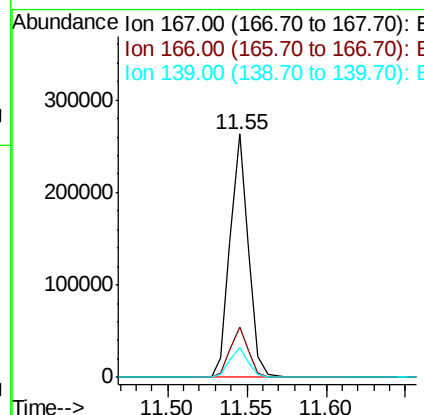
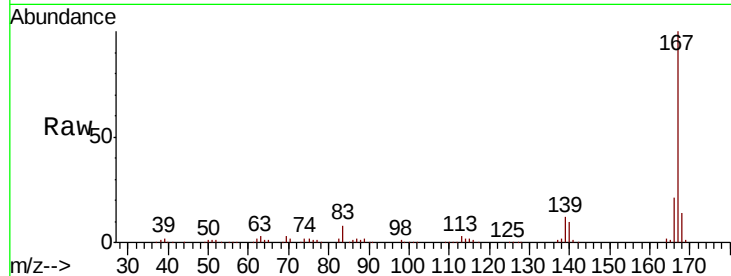
#73
 Carbazole
 Concen: 8.129 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Resp	Lower	Upper
167	100	210303		
166	20.9		17.2	25.8
139	12.3		10.1	15.1

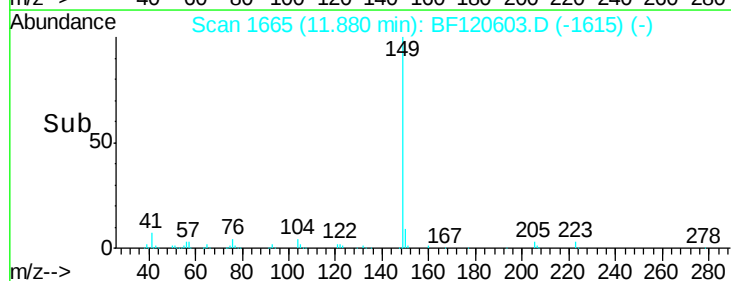
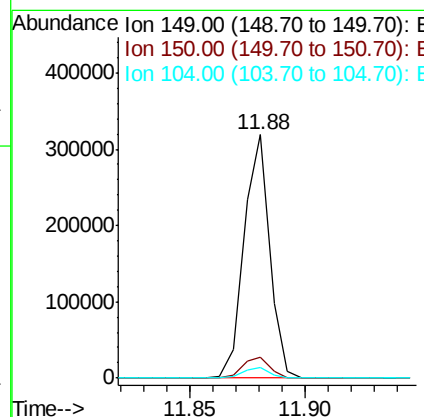
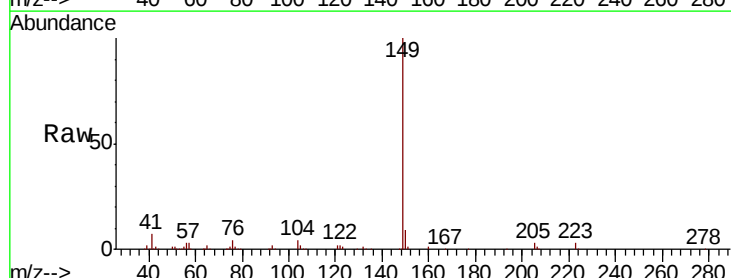
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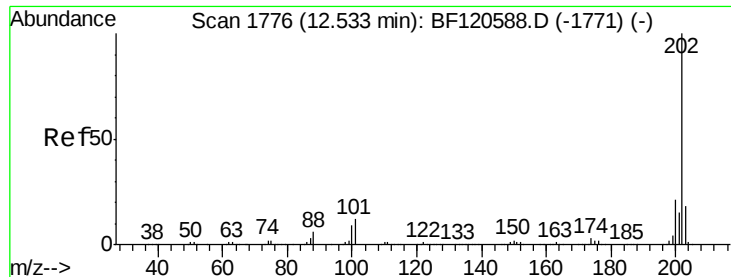
mohammad
 6/15/2020 8:42:54 AM



#74
 Di-n-butylphthalate
 Concen: 8.497 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	247121		
150	8.8		7.7	11.5
104	4.3		3.7	5.5





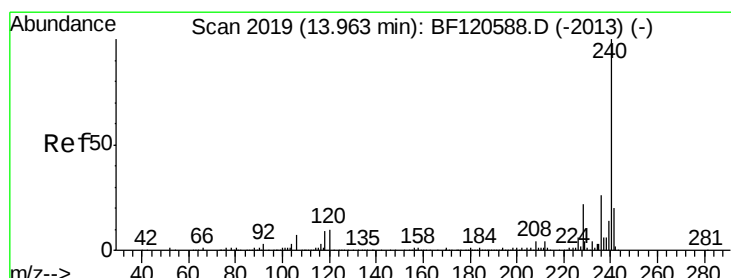
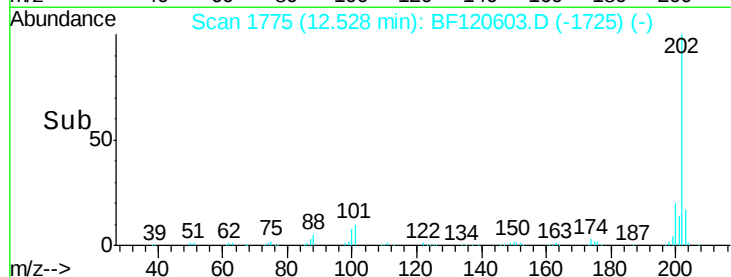
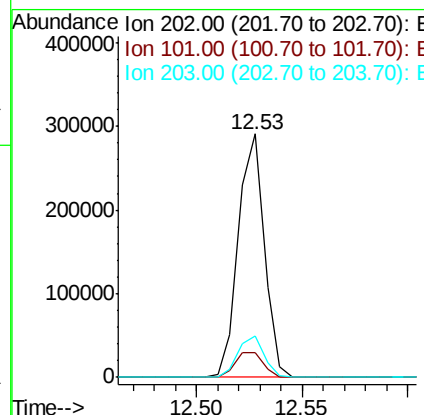
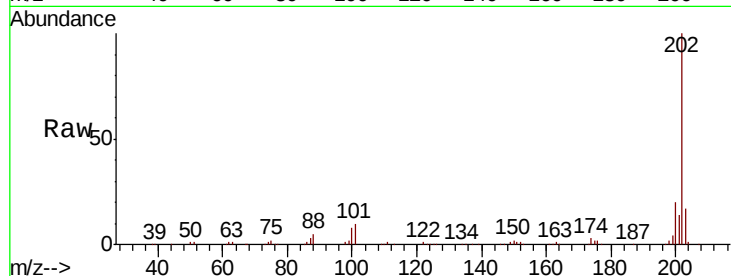
#75
 Fluoranthene
 Concen: 8.324 ng
 RT: 12.53 min Scan# 1775
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		246761		
101	10.4	0.0	32.0		
203	17.2	0.0	38.3		

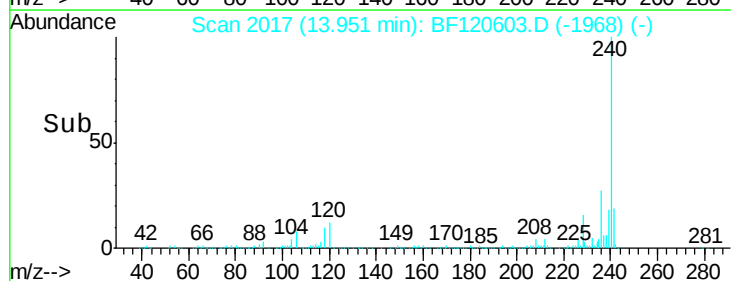
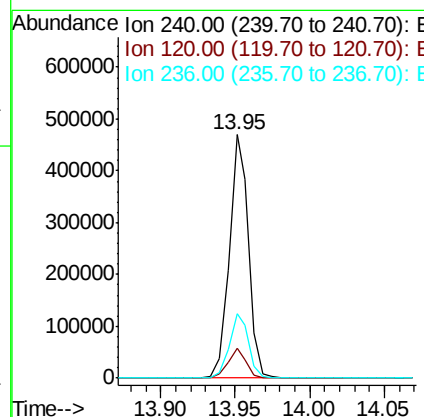
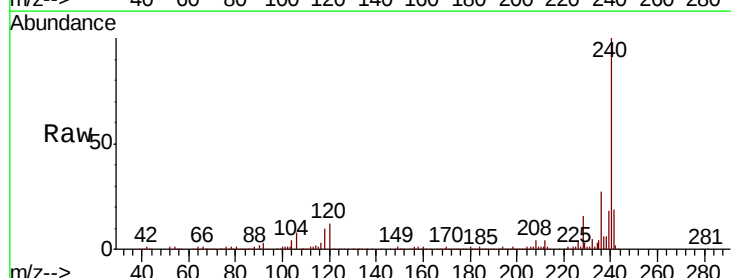
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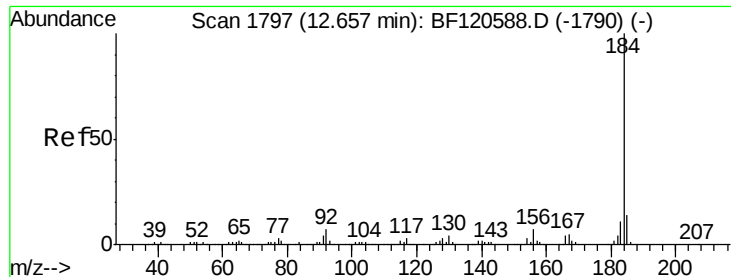
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		425065		
120	12.2	8.3	12.5		
236	26.7	21.0	31.4		





#77

Benzidine

Concen: 9.355 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

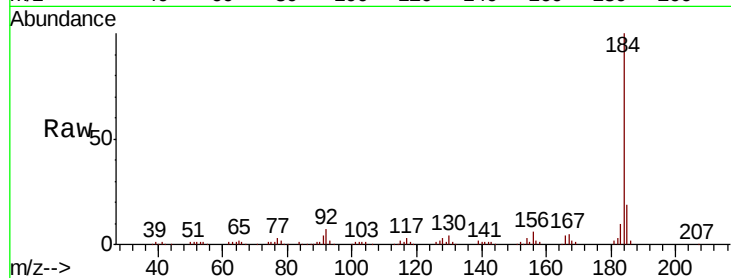
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

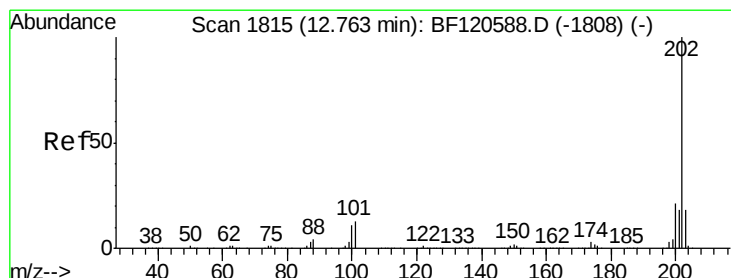
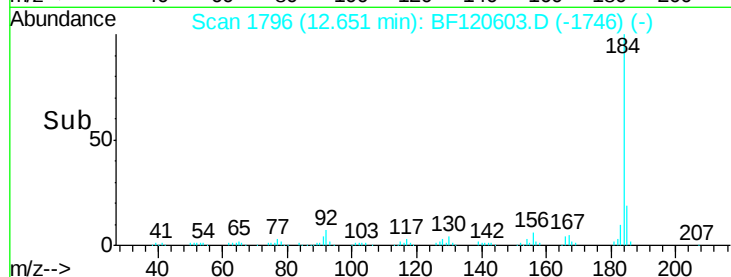
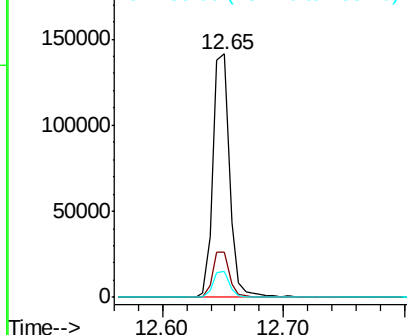
Tot Ion:	184	Resp:	134477
Ion Ratio	Lower	Upper	
184	100		
185	18.7	11.4	17.0#
183	10.5	9.0	13.6

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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: 8.541 ng

RT: 12.76 min Scan# 1814

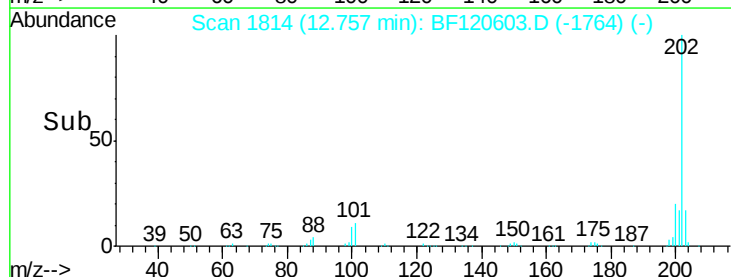
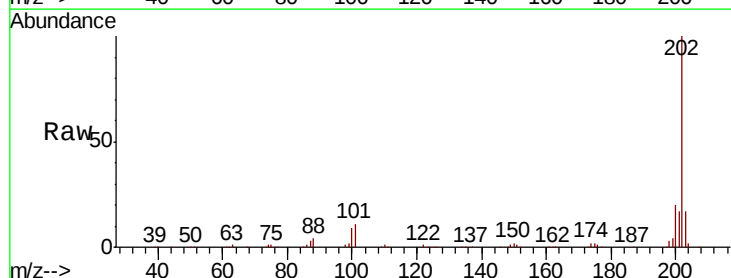
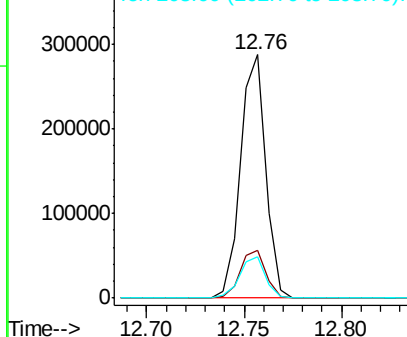
Delta R.T. -0.01 min

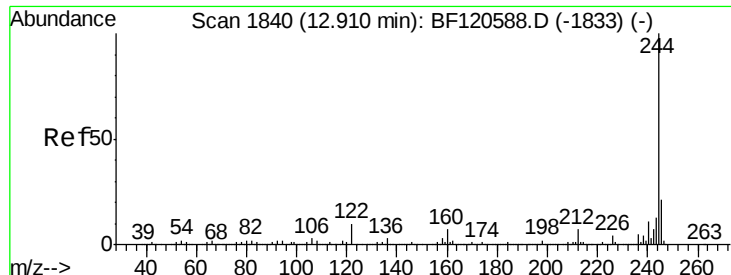
Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Tgt Ion:	202	Resp:	257183
Ion Ratio	Lower	Upper	
202	100		
200	19.7	16.8	25.2
203	17.1	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





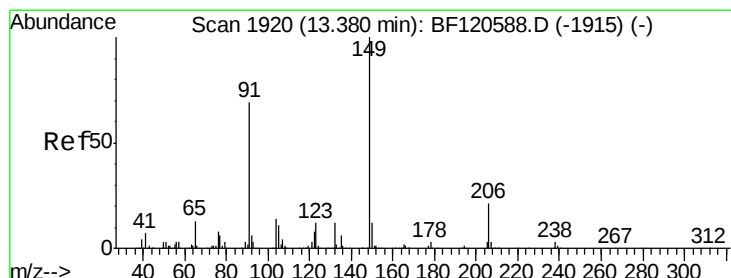
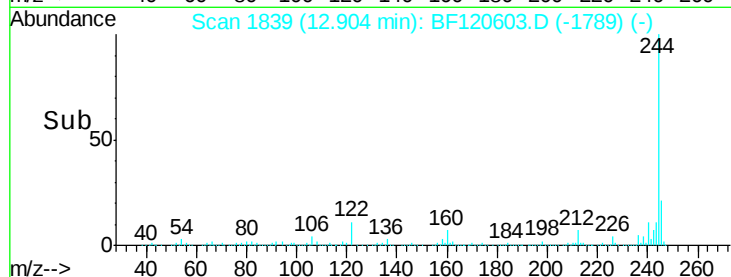
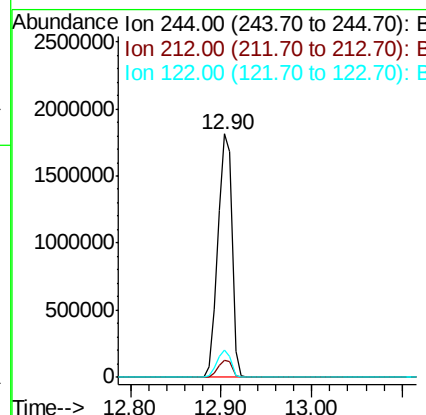
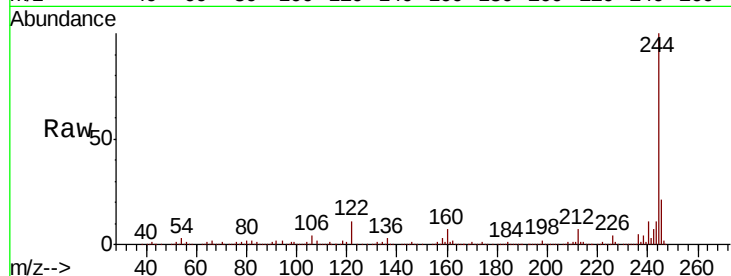
#79
 Terphenyl-d14
 Concen: 101.853 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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	11.2	8.3	12.5

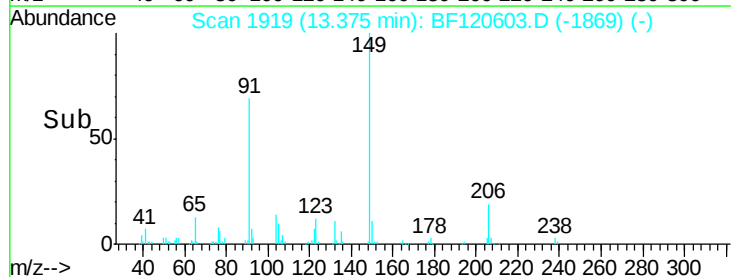
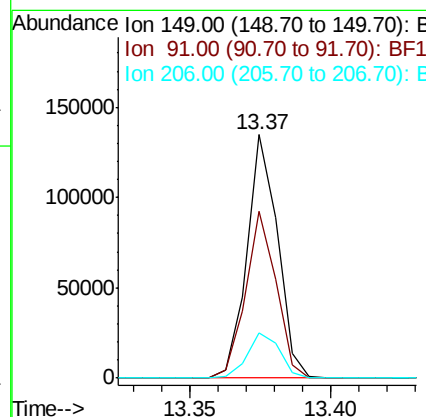
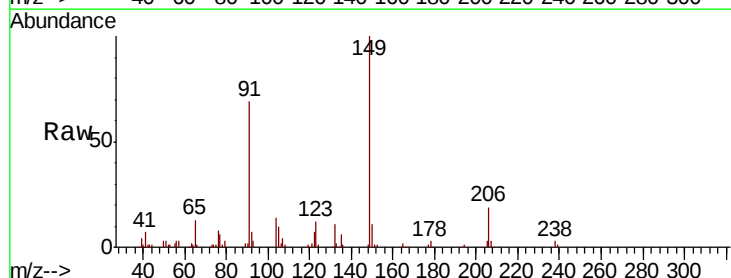
Manual Integrations
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#80
 Butylbenzylphthalate
 Concen: 7.598 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	55.4	83.0
206	18.6	17.0	25.4





#81

Benzo(a)anthracene

Concen: 9.233 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120603.D

Acq: 11 Jun 2020 15:27

Instrument :

BNA_F

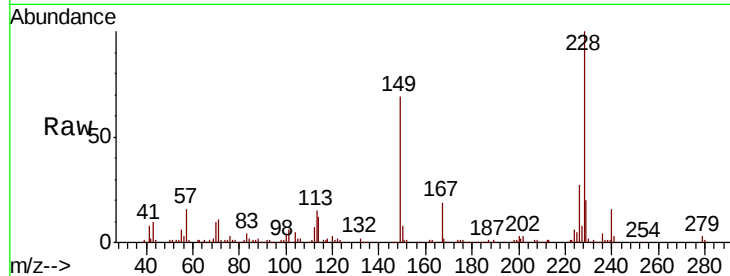
ClientSampleId :

LOD-MDL-WATER-01-QT1-2020

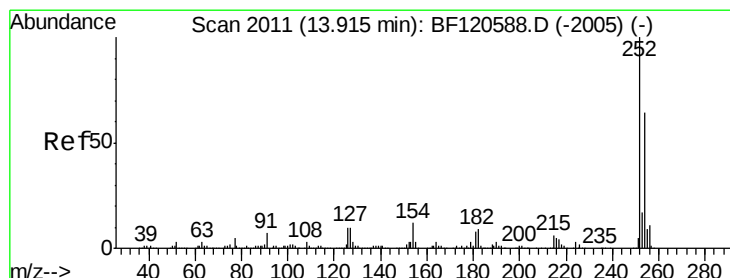
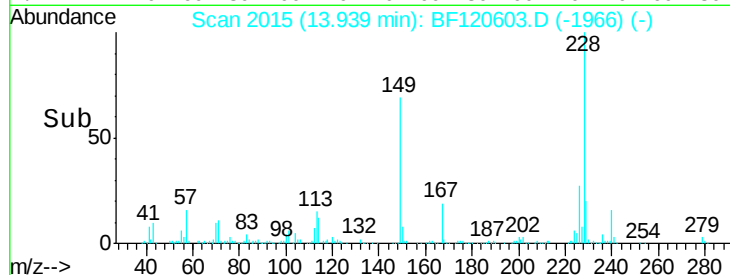
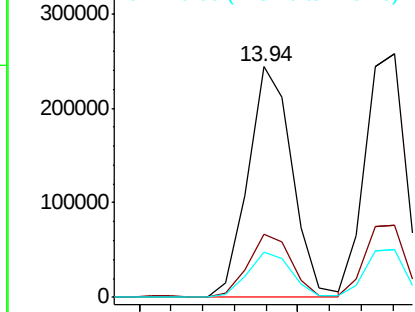
Tot Ion:	228	Resp:	235789
Ion Ratio		Lower	Upper
228	100		
226	27.3	22.5	33.7
229	19.7	16.1	24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 9.387 ng

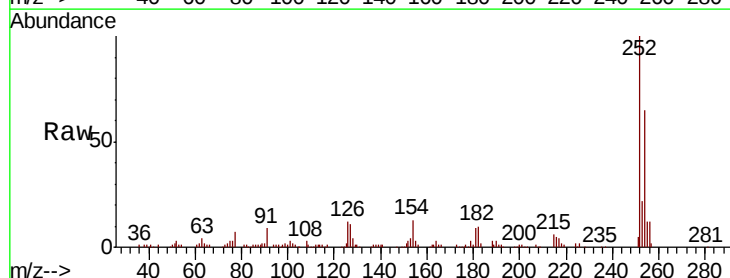
RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

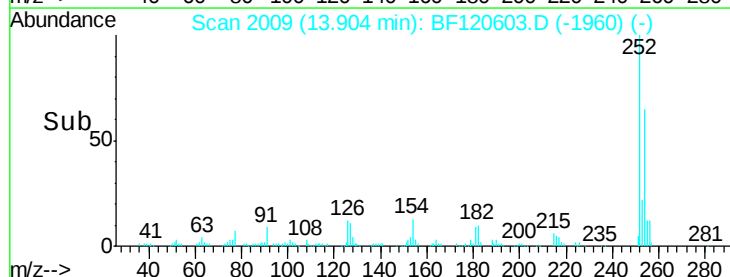
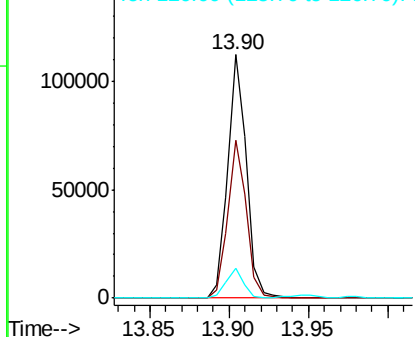
Lab File: BF120603.D

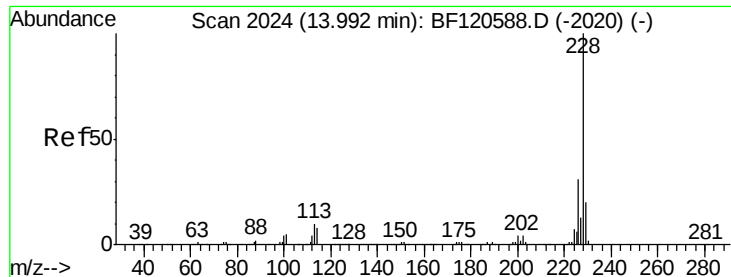
Acq: 11 Jun 2020 15:27

Tgt Ion:	252	Resp:	91561
Ion Ratio		Lower	Upper
252	100		
254	65.1	51.4	77.2
126	12.1	7.9	11.9#



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





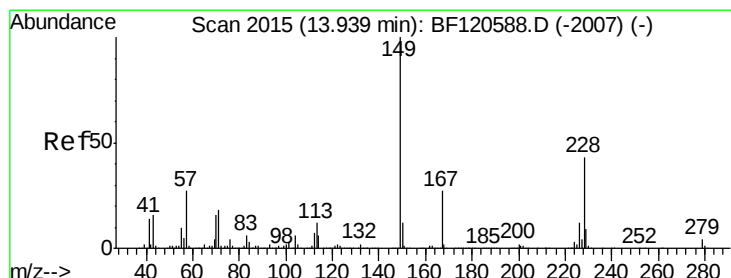
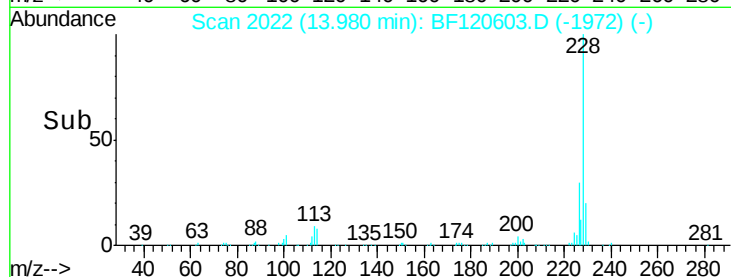
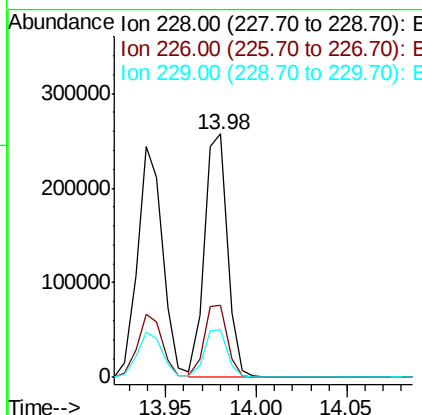
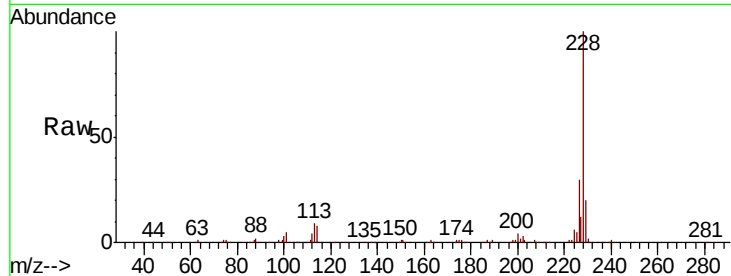
#83
Chrysene
Concen: 8.708 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.5	16.1	24.1

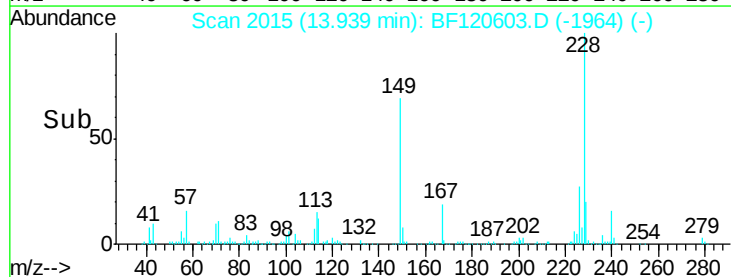
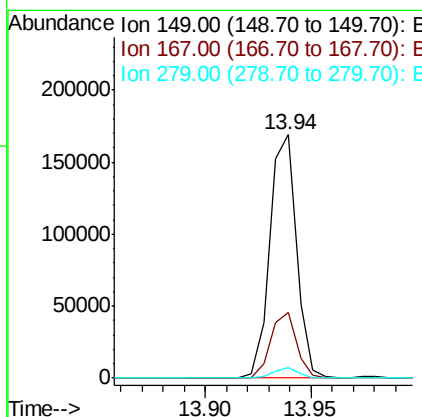
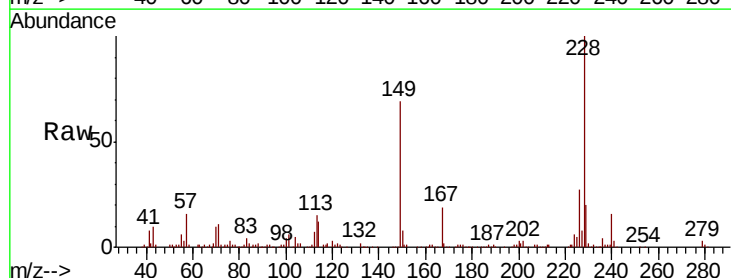
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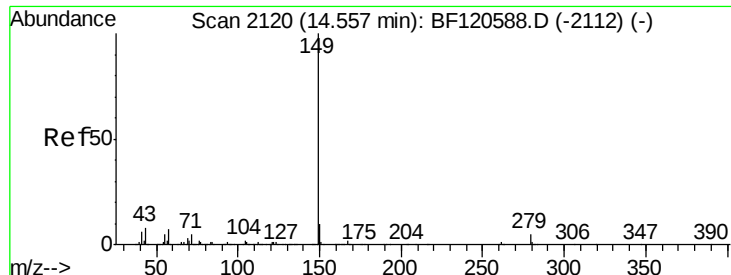
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 9.113 ng
RT: 13.94 min Scan# 2015
Delta R.T. 0.00 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.0	33.0
279	4.4	3.0	4.6





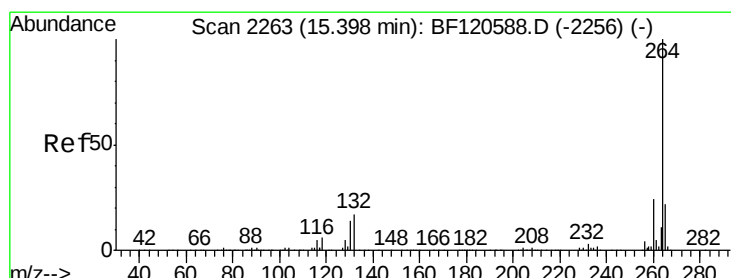
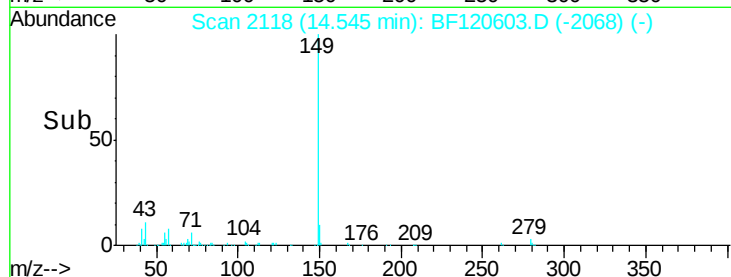
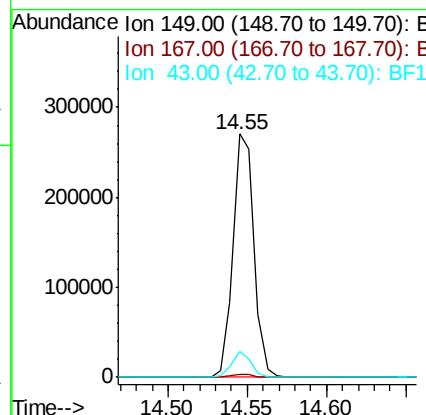
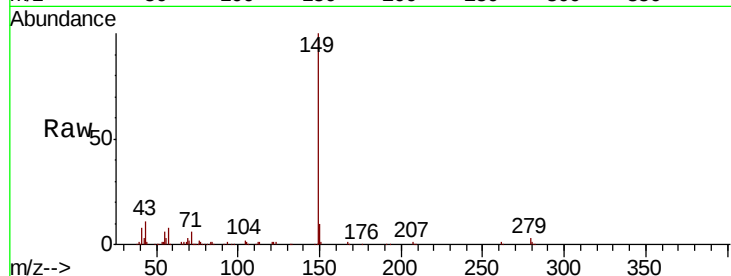
#85
Di-n-octyl phthalate
Concen: 7.900 ng
RT: 14.55 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		246041		
167	1.4		1.3	1.9	
43	10.3		7.6	11.4	

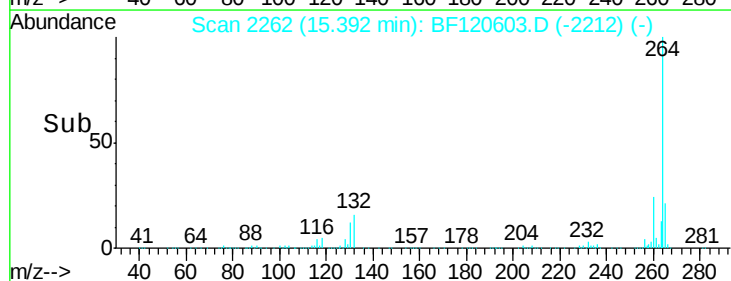
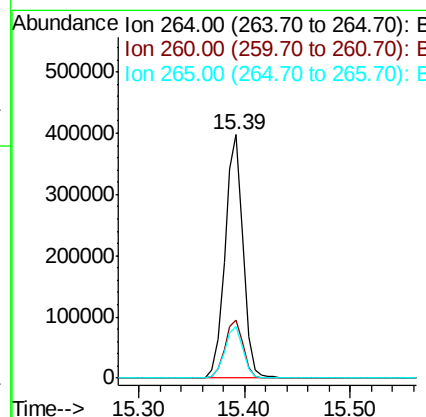
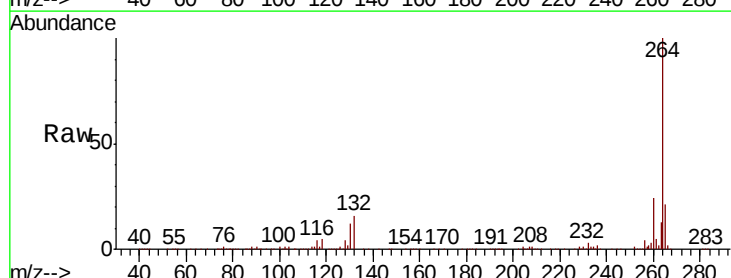
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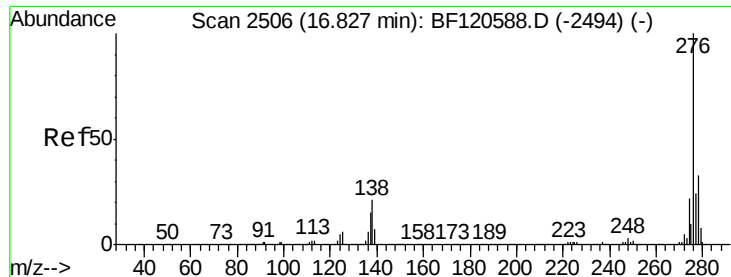
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
264	100		473014		
260	24.1		19.3	28.9	
265	21.4		17.8	26.8	





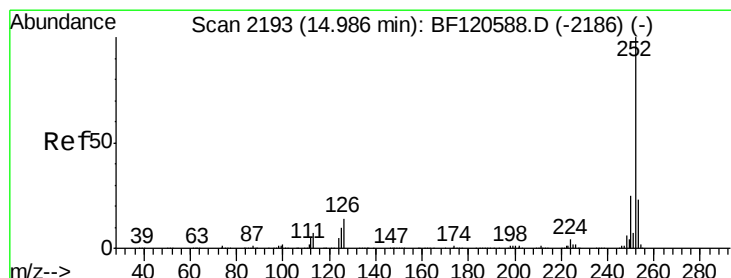
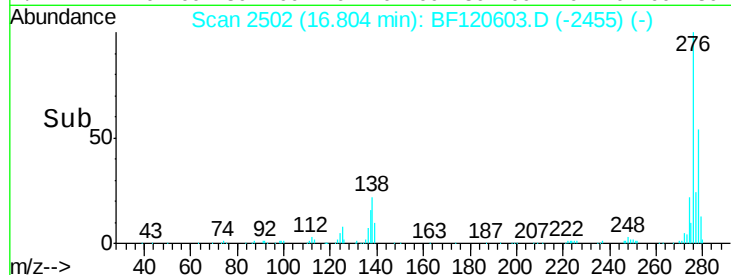
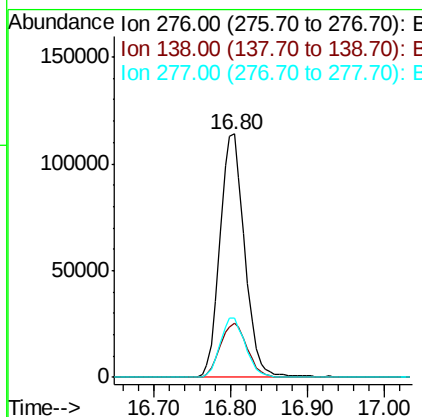
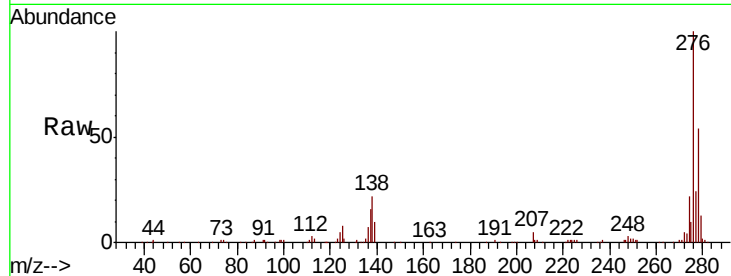
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 8.826 ng
 RT: 16.80 min Scan# 2502
 Delta R.T. -0.02 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.9	28.3
277	24.8	20.2	30.2

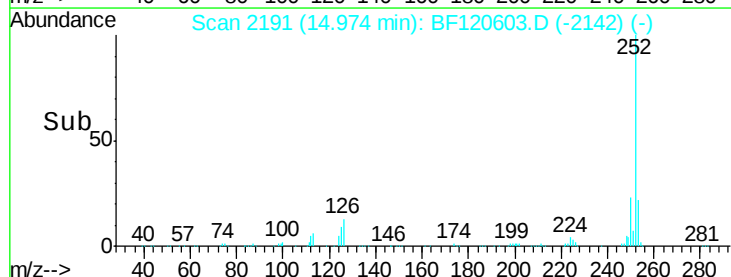
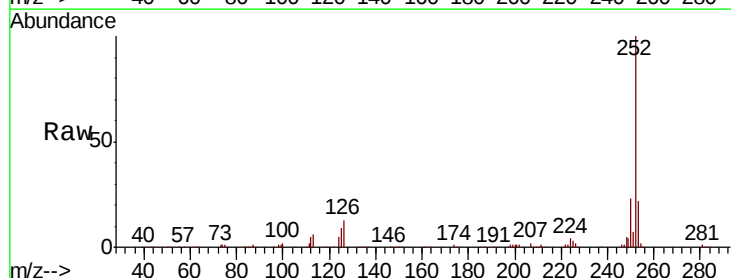
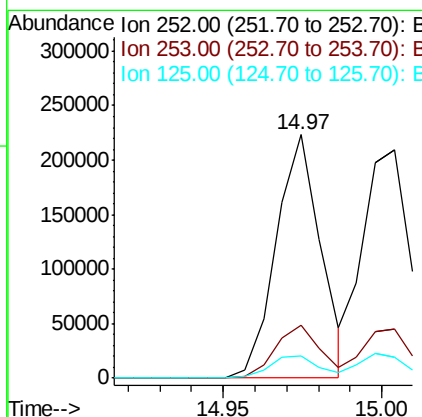
Manual Integrations
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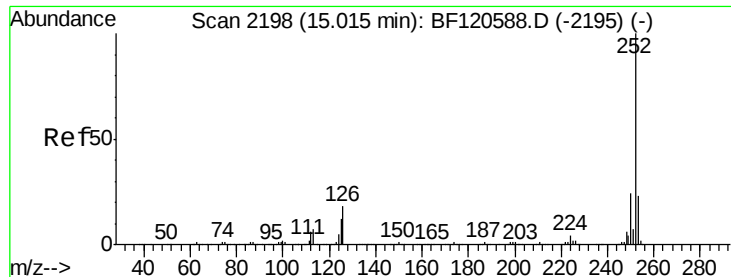
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 7.772 ng
 RT: 14.97 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BF120603.D
 Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	9.2	8.3	12.5





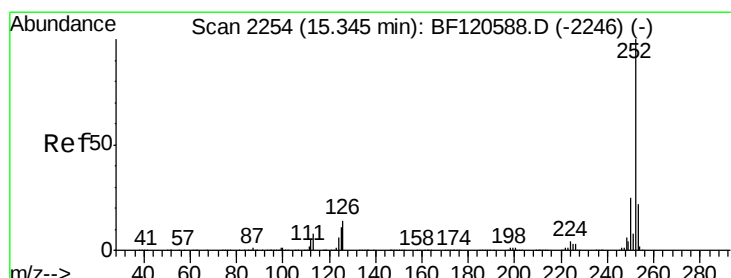
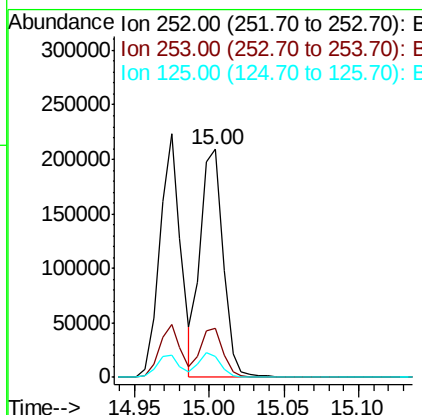
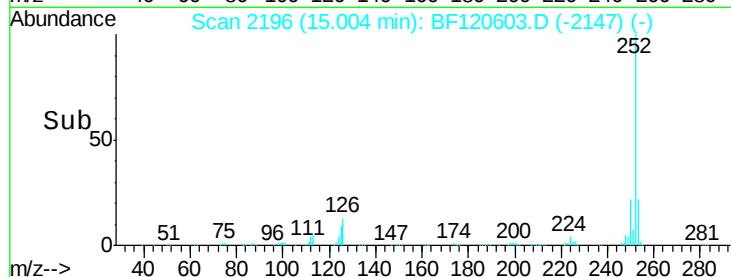
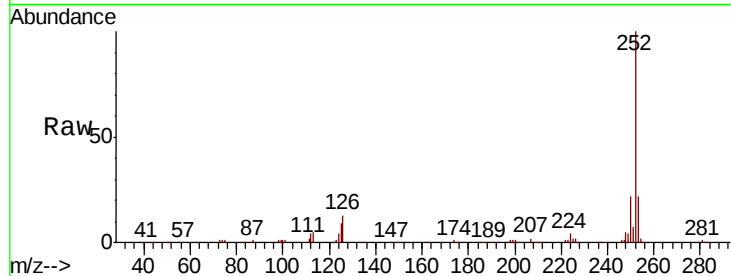
#89
Benzo(k)fluoranthene
Concen: 8.900 ng
RT: 15.00 min Scan# 2196
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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	9.0	8.3	12.5

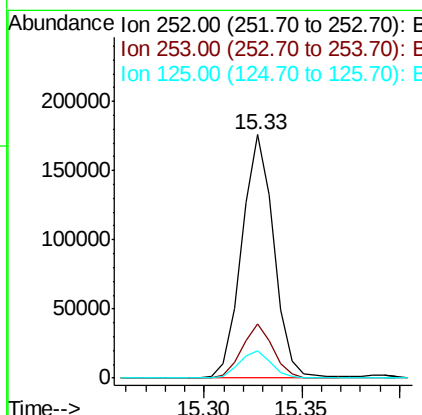
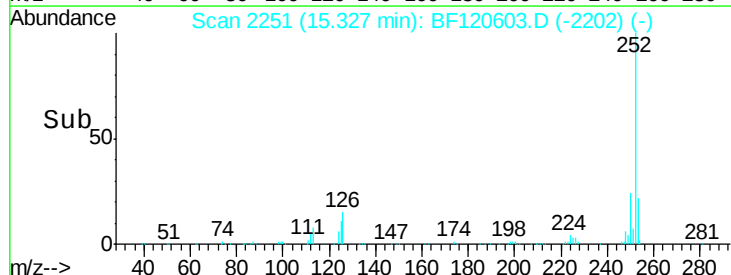
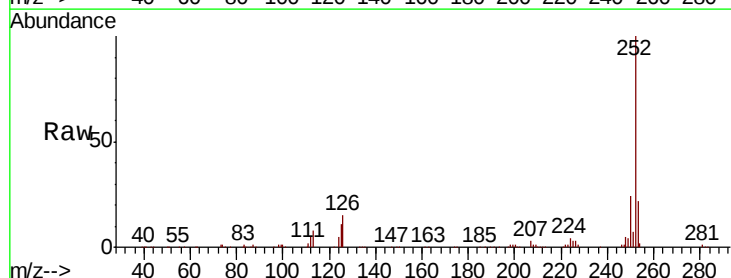
Manual Integrations
APPROVED

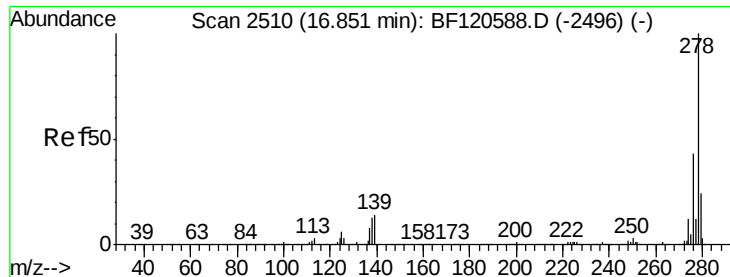
mohammad
6/15/2020 8:42:54 AM



#90
Benzo(a)pyrene
Concen: 7.918 ng
RT: 15.33 min Scan# 2251
Delta R.T. -0.01 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.8
125	11.2	8.6	12.8





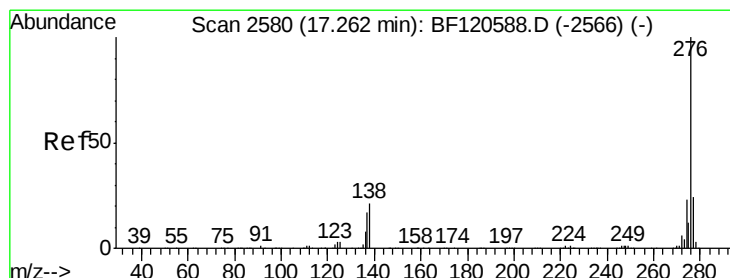
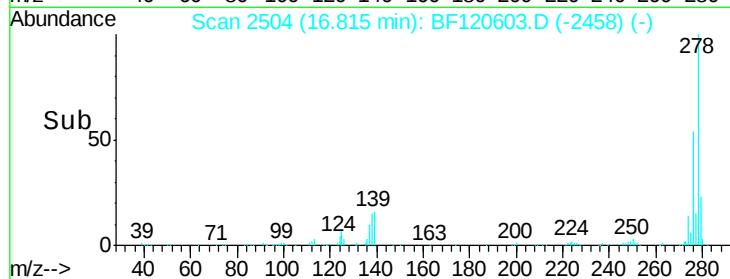
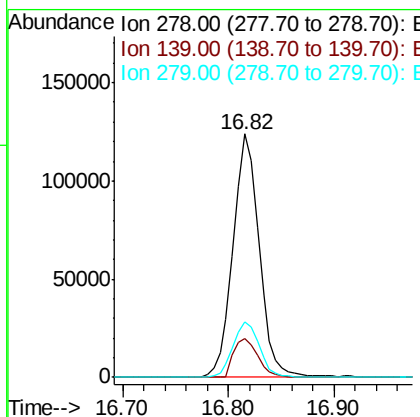
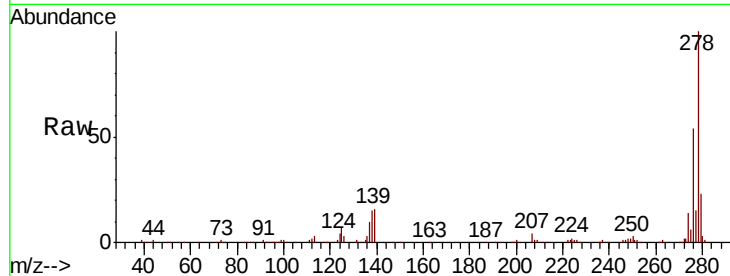
#91
Dibenzo(a,h)anthracene
Concen: 9.235 ng
RT: 16.82 min Scan# 2504
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	11.4	17.2
279	22.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/15/2020 8:42:54 AM



#92
Benzo(g,h,i)perylene
Concen: 9.185 ng
RT: 17.23 min Scan# 2574
Delta R.T. -0.03 min
Lab File: BF120603.D
Acq: 11 Jun 2020 15:27

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.4	19.6	29.4
138	19.9	16.5	24.7

