

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120623.D
 Acq On : 15 Jun 2020 16:35
 Operator : JU/CG
 Sample : L2182-07
 Misc : MDL-MDL-WTR-5PPM
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
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mohammad
 6/16/2020 11:06:40 AM

Quant Time: Jun 15 17:18:39 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 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	162790	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	594739	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	312661	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	600798	20.00	ng	0.00
76) Chrysene-d12	13.95	240	488541	20.00	ng	-0.01
86) Perylene-d12	15.39	264	555860	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1290500	135.91	ng	0.00
7) Phenol-d6	6.43	99	1634434	138.20	ng	0.00
23) Nitrobenzene-d5	7.36	82	1035920	97.36	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	507648	139.65	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1873388	91.67	ng	0.00
79) Terphenyl-d14	12.90	244	2138550	96.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	21503	4.778	ng	97
3) Pyridine	3.30	79	39292	3.106	ng	94
4) n-Nitrosodimethylamine	3.15	42	21888	4.169	ng	97
6) Aniline	6.46	93	76855	5.078	ng	99
8) 2-Chlorophenol	6.58	128	53290	4.967	ng	94
9) Benzaldehyde	6.35	77	43201	5.775	ng	97
10) Phenol	6.45	94	64592	5.119	ng	92
11) bis(2-Chloroethyl)ether	6.53	93	50535	4.808	ng	98
12) 1,3-Dichlorobenzene	6.74	146	57665	5.055	ng	99
13) 1,4-Dichlorobenzene	6.82	146	57683	5.125	ng	100
14) 1,2-Dichlorobenzene	6.97	146	54076	4.932	ng	99
15) Benzyl Alcohol	6.93	79	53228	6.347	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	74973	4.954	ng	99
17) 2-Methylphenol	7.05	107	41865	4.575	ng	97
18) Hexachloroethane	7.31	117	21349	5.148	ng	94
19) n-Nitroso-di-n-propylamine	7.20	70	35543	5.181	ng	97
20) 3+4-Methylphenols	7.20	107	52299	4.573	ng	# 72
22) Acetophenone	7.20	105	77132	5.801	ng	95
24) Nitrobenzene	7.37	77	57764	5.188	ng	92
25) Isophorone	7.61	82	98733	4.764	ng	93
26) 2-Nitrophenol	7.69	139	24411	4.144	ng	98
27) 2,4-Dimethylphenol	7.73	122	25943	2.991	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	63322	5.271	ng	100
29) 2,4-Dichlorophenol	7.93	162	41272	4.681	ng	95
30) 1,2,4-Trichlorobenzene	8.02	180	49237	5.040	ng	100
31) Naphthalene	8.10	128	160900	5.510	ng	99
32) Benzoic acid	7.79	122	11506m	1.729	ng	
33) 4-Chloroaniline	8.15	127	64400	4.804	ng	98
34) Hexachlorobutadiene	8.22	225	28551	5.013	ng	99
35) Caprolactam	8.47	113	13339	4.731	ng	# 83
36) 4-Chloro-3-methylphenol	8.62	107	42676	4.845	ng	92
37) 2-Methylnaphthalene	8.79	142	106459	5.584	ng	99
38) 1-Methylnaphthalene	8.89	142	100709	5.614	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	52119	5.583	ng	97

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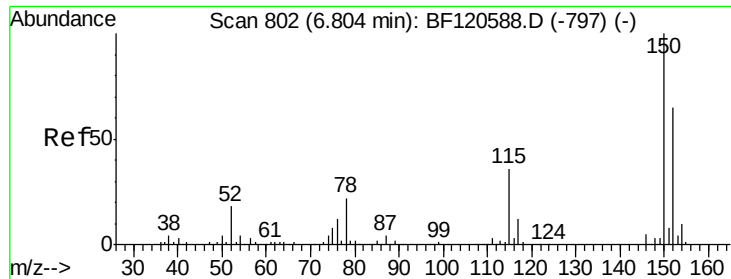
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Quant Time: Jun 15 17:18:39 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
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 QLast Update : Thu Jun 11 11:28:22 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	15907	3.041	ng	94
43) 2,4,6-Trichlorophenol	9.07	196	28364	4.283	ng	95
44) 2,4,5-Trichlorophenol	9.11	196	31047	4.132	ng	97
46) 1,1'-Biphenyl	9.25	154	137937	5.908	ng	98
47) 2-Chloronaphthalene	9.28	162	101187	5.300	ng	96
48) 2-Nitroaniline	9.37	65	26117	4.356	ng	91
49) Acenaphthylene	9.69	152	159010	5.397	ng	97
50) Dimethylphthalate	9.55	163	113512	5.041	ng	100
51) 2,6-Dinitrotoluene	9.61	165	23155	4.537	ng	97
52) Acenaphthene	9.86	154	95246	5.420	ng	98
53) 3-Nitroaniline	9.77	138	25423	4.148	ng	96
54) 2,4-Dinitrophenol	9.89	184	4876	1.782	ng	# 78
55) Dibenzofuran	10.03	168	147155	5.461	ng	99
56) 4-Nitrophenol	9.94	139	16156	3.500	ng	96
57) 2,4-Dinitrotoluene	10.01	165	28879	4.265	ng	# 81
58) Fluorene	10.37	166	112752	5.428	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	26619	4.503	ng	97
60) Diethylphthalate	10.25	149	112301	5.064	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	55452	5.170	ng	97
62) 4-Nitroaniline	10.38	138	25085	4.122	ng	96
63) Azobenzene	10.53	77	106302	5.280	ng	95
65) 4,6-Dinitro-2-methylphenol	10.42	198	10346	2.870	ng	96
66) n-Nitrosodiphenylamine	10.49	169	97141	5.265	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	33461	4.907	ng	# 92
68) Hexachlorobenzene	10.92	284	38384	5.236	ng	96
69) Atrazine	11.01	200	31803	5.570	ng	99
70) Pentachlorophenol	11.12	266	11260	2.763	ng	92
71) Phenanthrene	11.33	178	165439	5.539	ng	98
72) Anthracene	11.39	178	167851	5.576	ng	97
73) Carbazole	11.55	167	151794	5.094	ng	99
74) Di-n-butylphthalate	11.87	149	175415	5.236	ng	99
75) Fluoranthene	12.52	202	180446	5.285	ng	97
77) Benzidine	12.65	184	84977	5.143	ng	# 94
78) Pyrene	12.75	202	187235	5.410	ng	97
80) Butylbenzylphthalate	13.37	149	71632	4.661	ng	94
81) Benzo(a)anthracene	13.94	228	170145	5.797	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	63431	5.658	ng	99
83) Chrysene	13.97	228	168676	5.603	ng	97
84) Bis(2-ethylhexyl)phthalate	13.93	149	103951	5.542	ng	99
85) Di-n-octyl phthalate	14.54	149	172766	4.827	ng	98
87) Indeno(1,2,3-cd)pyrene	16.79	276	178781	5.288	ng	99
88) Benzo(b)fluoranthene	14.97	252	157196	4.747	ng	99
89) Benzo(k)fluoranthene	15.00	252	165500	5.649	ng	99
90) Benzo(a)pyrene	15.32	252	141602	4.778	ng	100
91) Dibenzo(a,h)anthracene	16.80	278	151297	5.580	ng	96
92) Benzo(g,h,i)perylene	17.22	276	152638	5.585	ng	97

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



#1

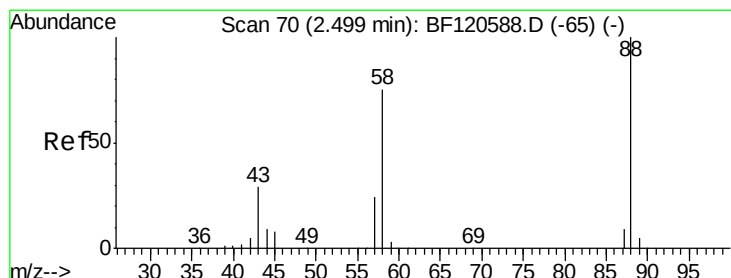
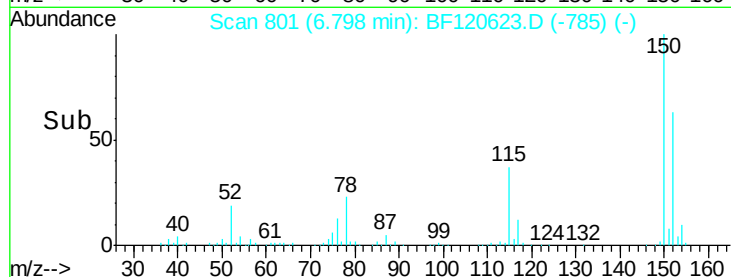
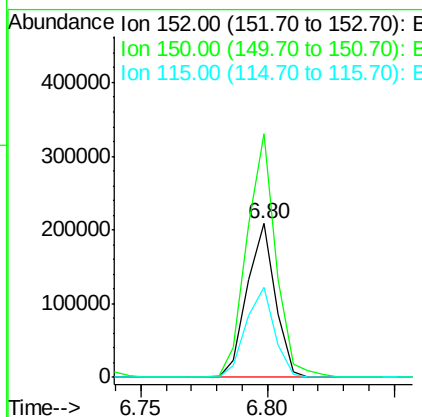
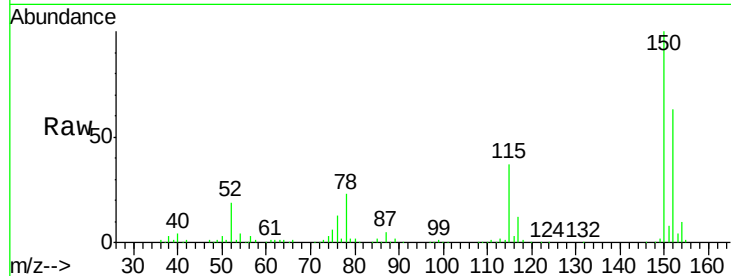
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	123.2	184.8
115	58.2	43.9	65.9

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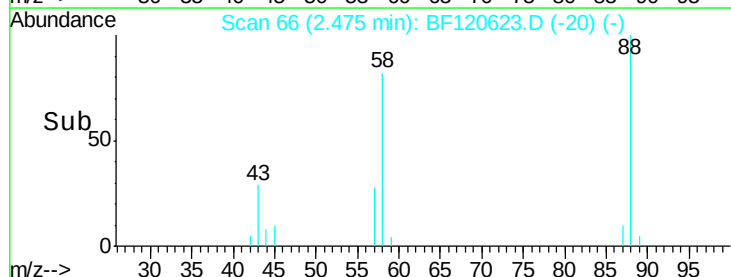
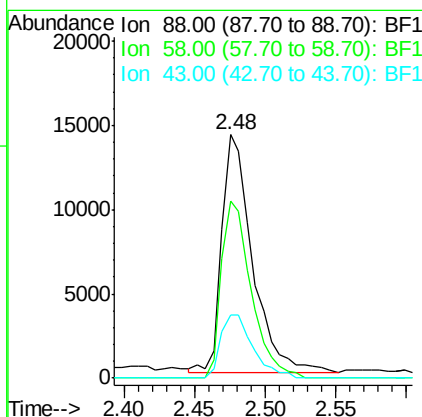
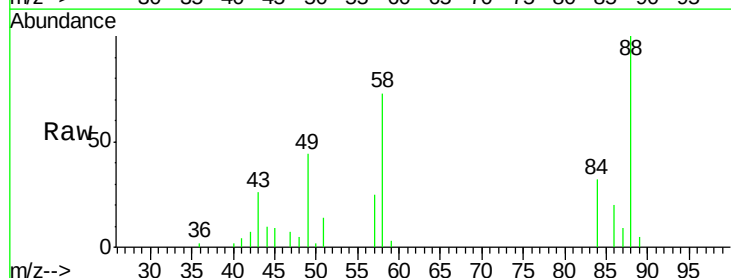
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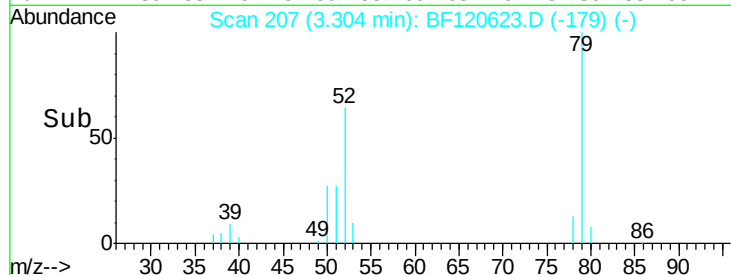
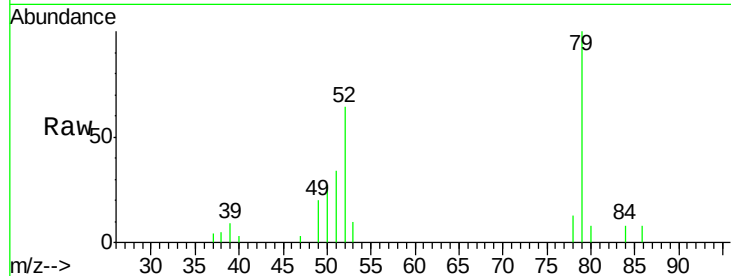
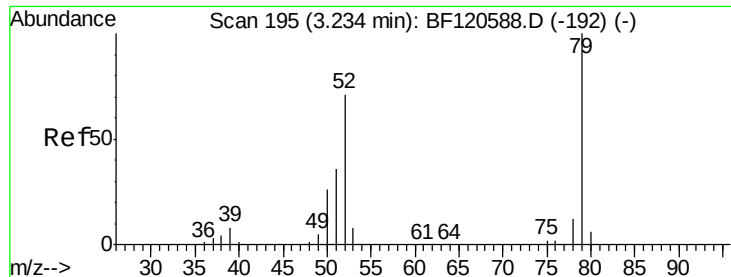


#2

1,4-Dioxane
Concen: 4.778 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	59.6	89.4
43	27.9	23.1	34.7





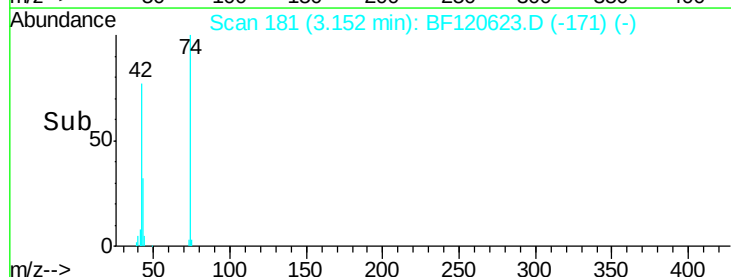
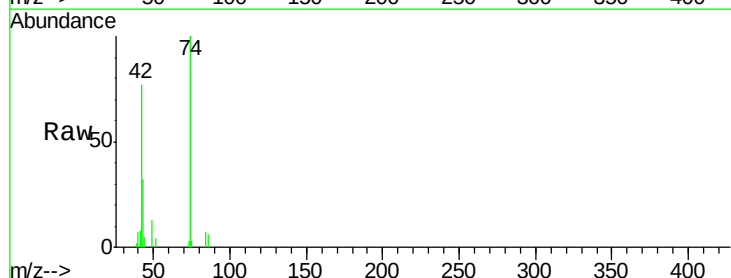
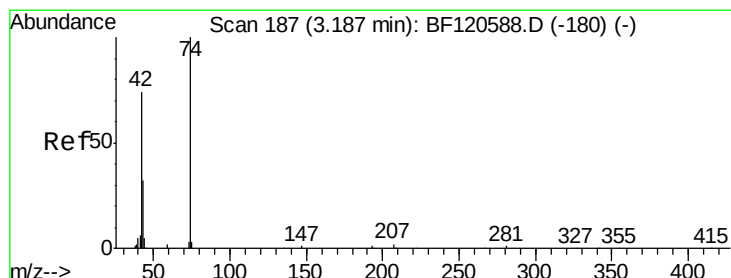
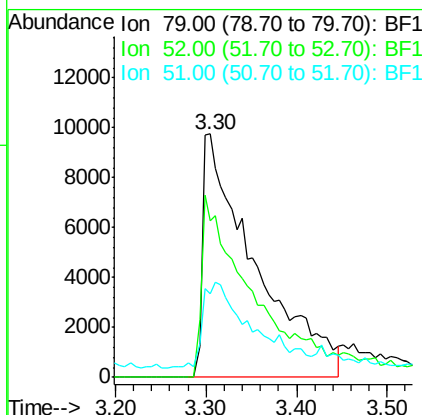
#3
Pvridine
Concen: 3.106 ng
RT: 3.30 min Scan# 207
Delta R.T. 0.06 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100		39292		
52	64.3	57.0		85.6	
51	34.3	28.5		42.7	

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

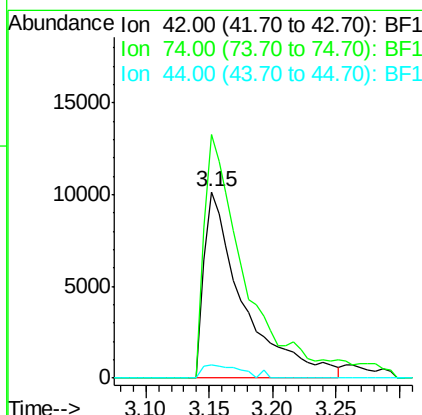
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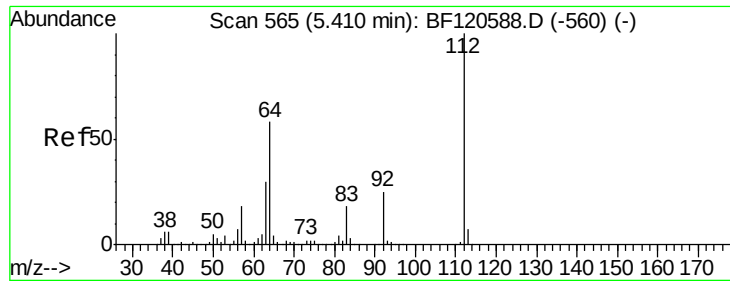
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#4
n-Nitrosodimethylamine
Concen: 4.169 ng
RT: 3.15 min Scan# 181
Delta R.T. -0.04 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		21888		
74	130.6	107.8		161.6	
44	7.1	5.1		7.7	





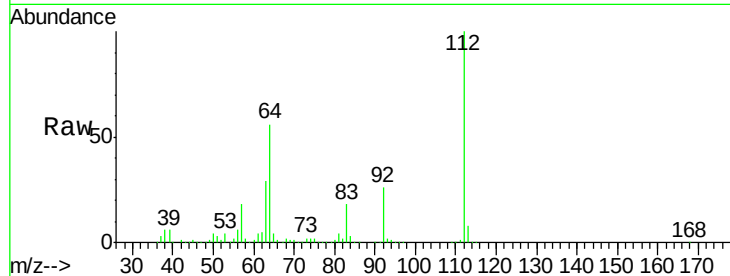
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2-Fluorophenol
Concen: 135.911 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

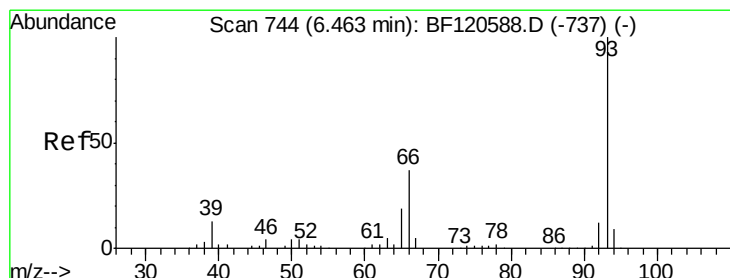
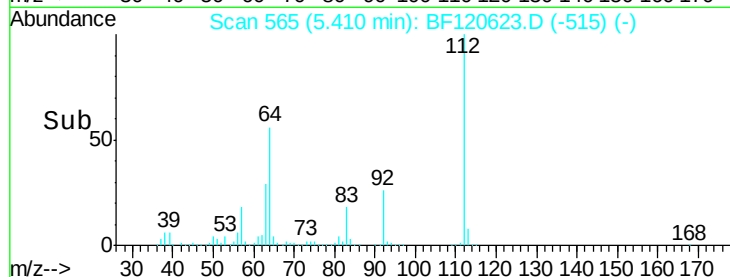
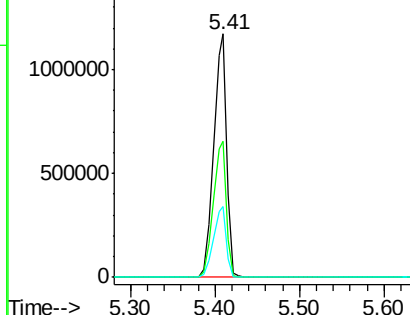
Tot Ion	Ratio	Lower	Upper
112	100		
64	56.0	46.1	69.1
63	29.1	23.7	35.5

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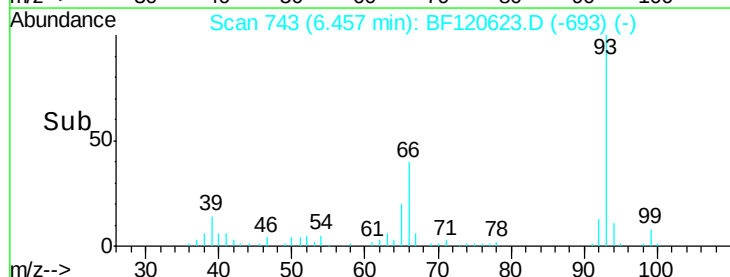
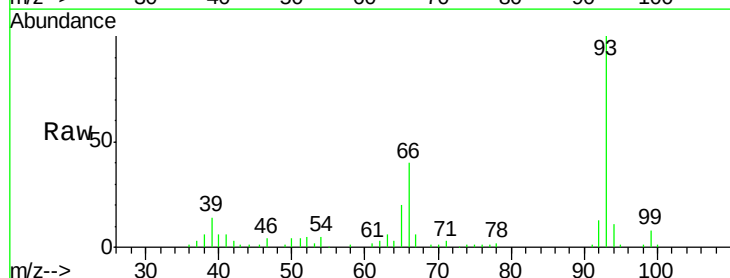
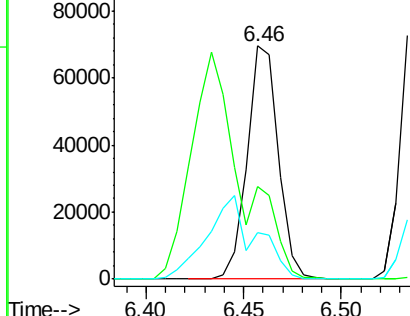
Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

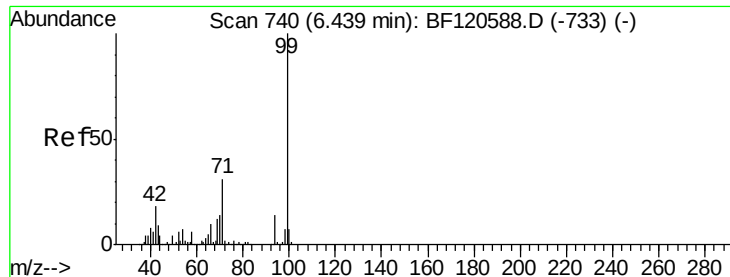


#6
Aniline
Concen: 5.078 ng
RT: 6.46 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.7	30.9	46.3
65	20.1	15.9	23.9

Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.205 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion: 99 Resp: 1634434

Ion Ratio Lower Upper

99 100

42 18.5 14.0 21.0

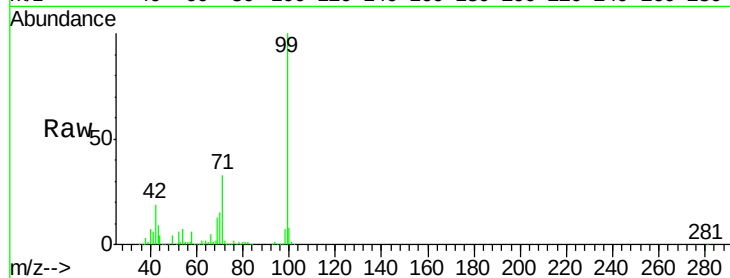
71 33.1 24.9 37.3

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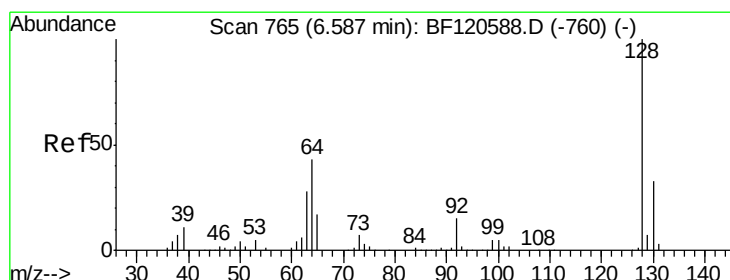
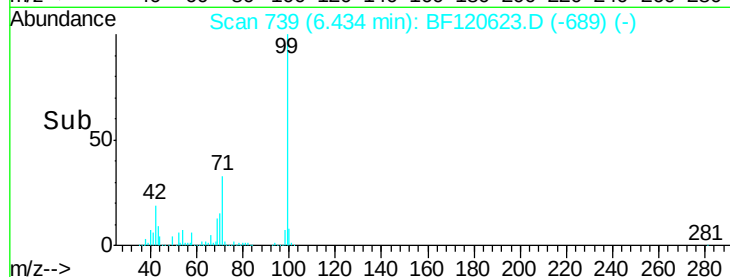
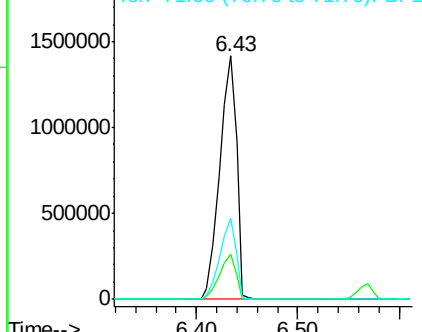
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 4.967 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

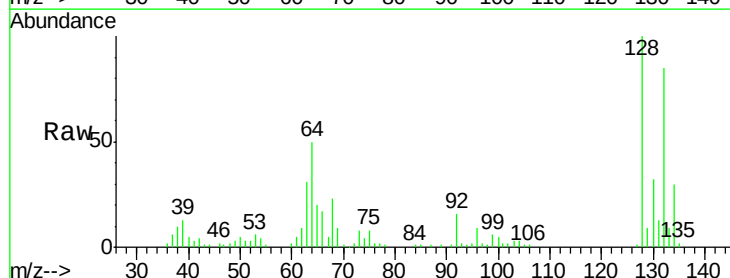
Tgt Ion: 128 Resp: 53290

Ion Ratio Lower Upper

128 100

130 31.8 12.6 52.6

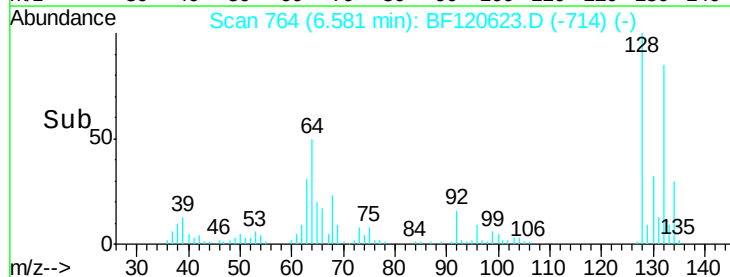
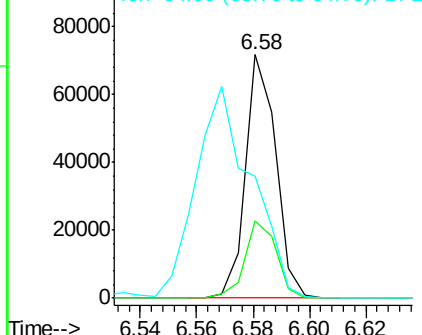
64 49.9 24.3 64.3

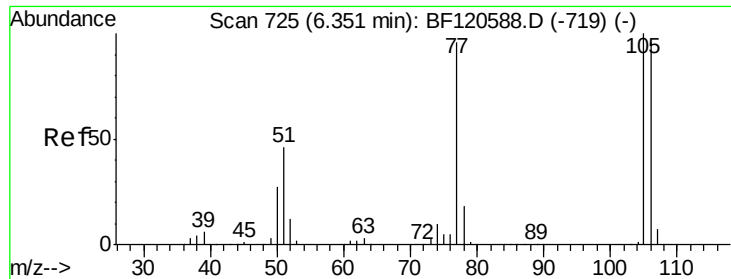


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 5.775 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

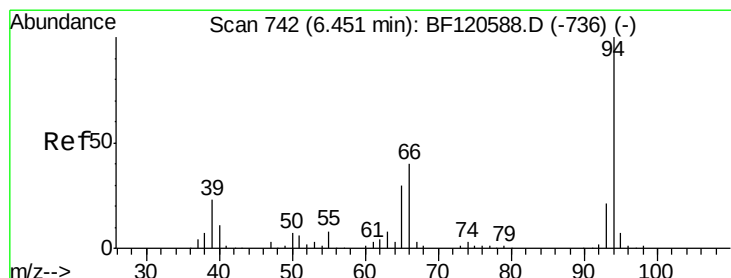
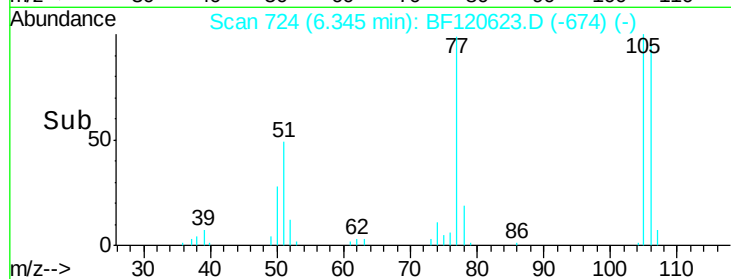
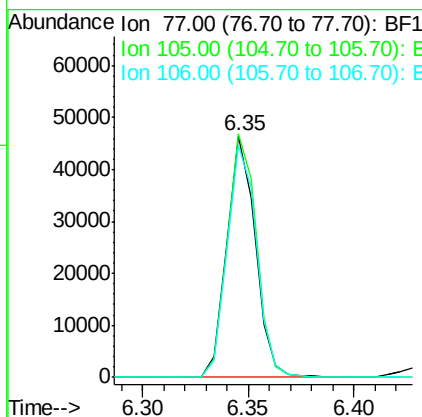
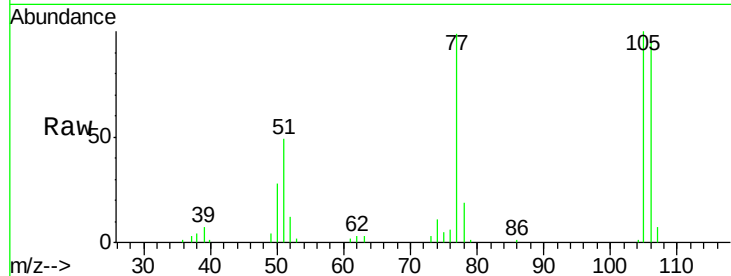
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	77	Resp:	43201
Ion	Ratio	Lower	Upper
77	100		
105	100.8	83.8	123.8
106	96.1	79.3	119.3

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#10

Phenol

Concen: 5.119 ng

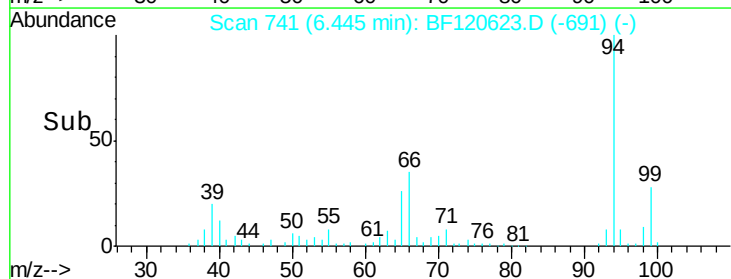
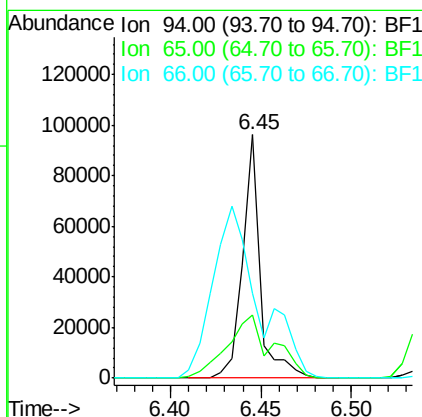
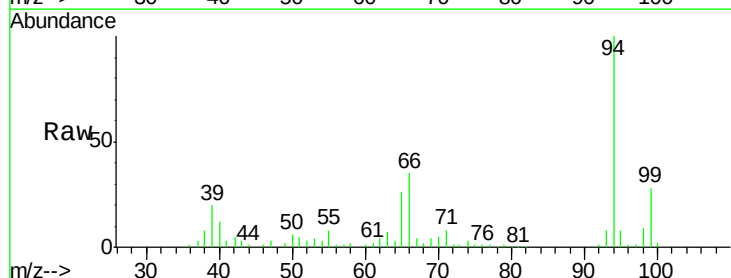
RT: 6.45 min Scan# 741

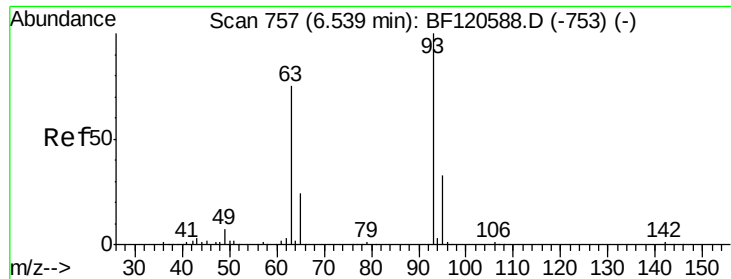
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	94	Resp:	64592
Ion	Ratio	Lower	Upper
94	100		
65	25.7	9.9	49.9
66	34.7	20.1	60.1





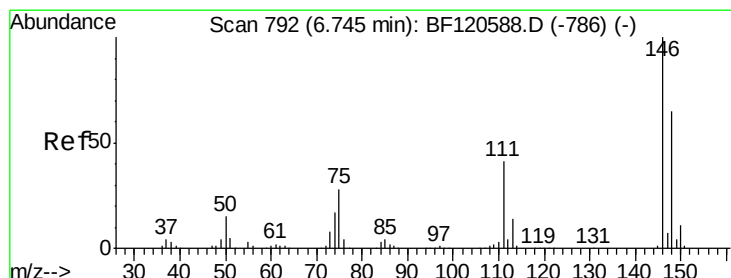
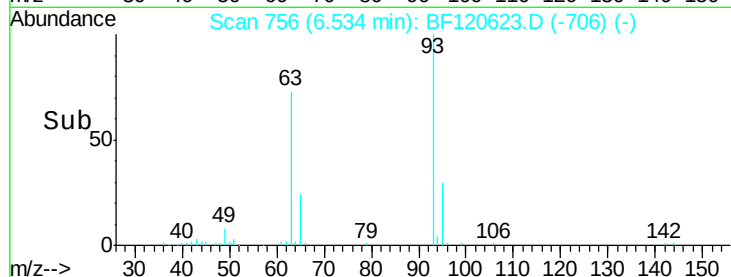
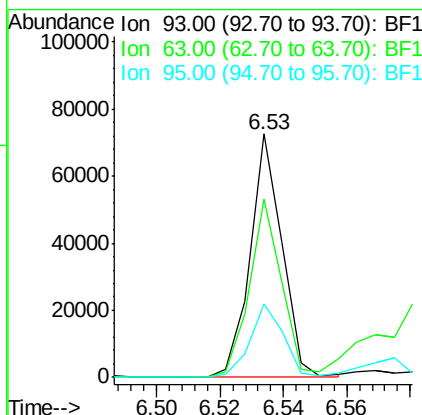
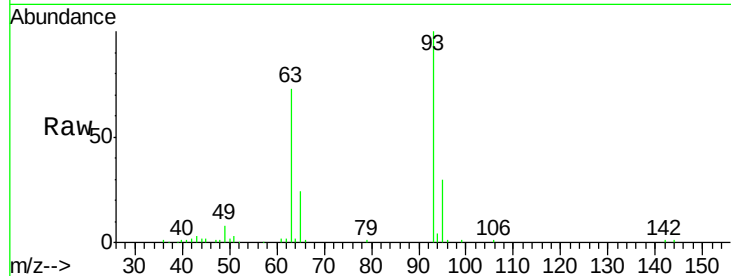
#11
bis(2-Chloroethyl)ether
Concen: 4.808 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	93	Resp:	50535
Ion	Ratio	Lower	Upper
93	100		
63	73.5	54.4	94.4
95	30.4	12.9	52.9

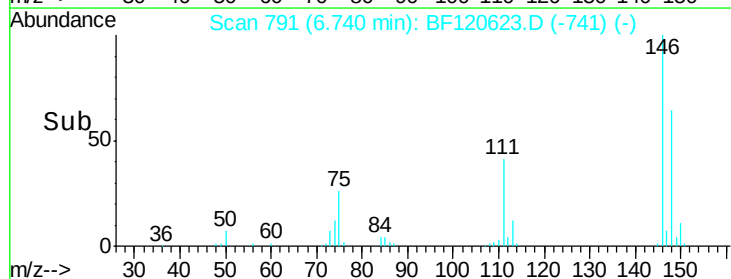
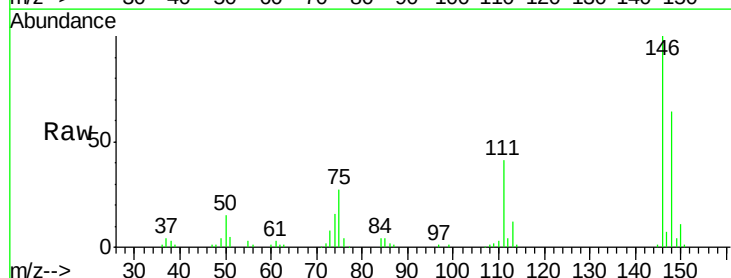
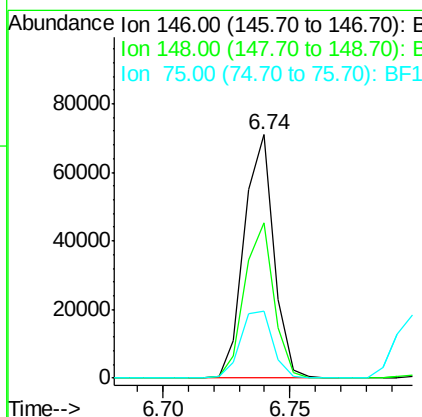
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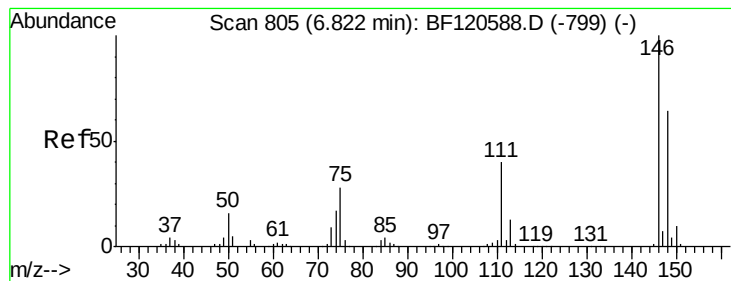
mohammad
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#12
1,3-Dichlorobenzene
Concen: 5.055 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:	146	Resp:	57665
Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.8	77.6
75	27.4	22.2	33.4





#13

1,4-Dichlorobenzene

Concen: 5.125 ng

RT: 6.82 min Scan# 804

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

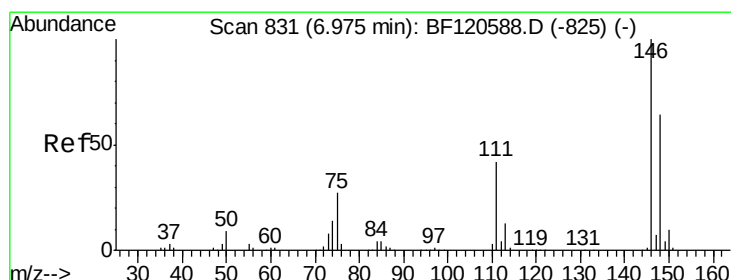
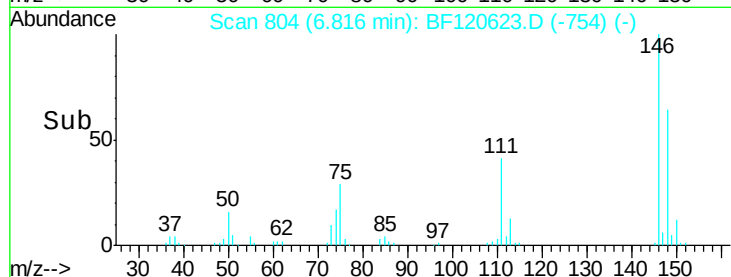
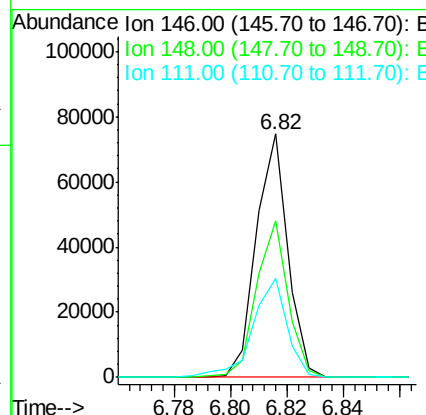
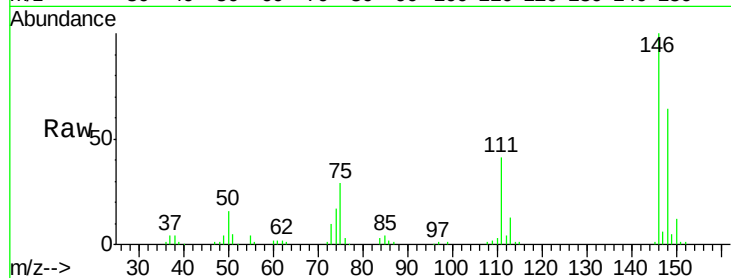
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	146	Resp:	57683
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.5	77.3
111	40.8	32.2	48.4

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#14

1,2-Dichlorobenzene

Concen: 4.932 ng

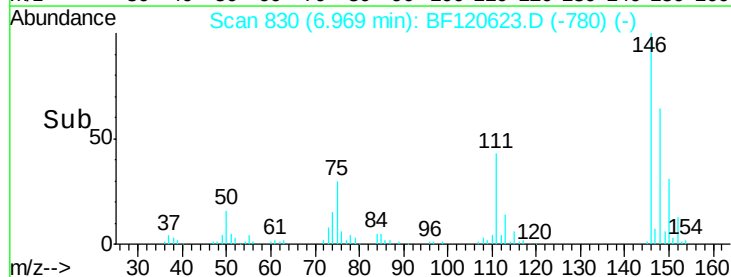
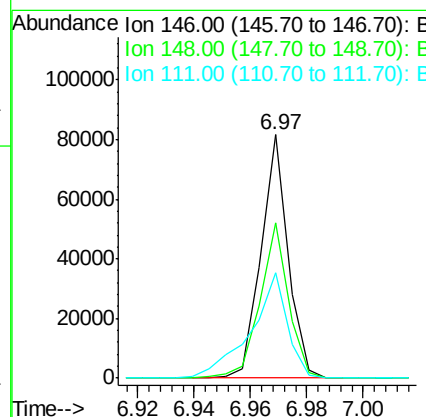
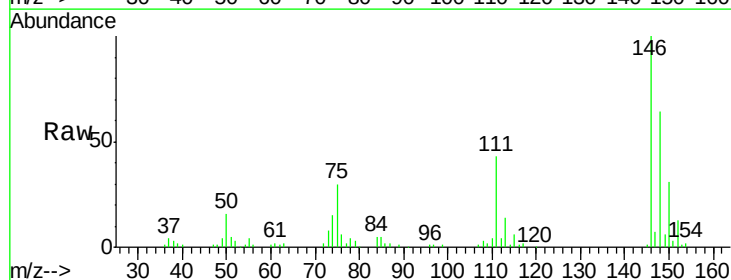
RT: 6.97 min Scan# 830

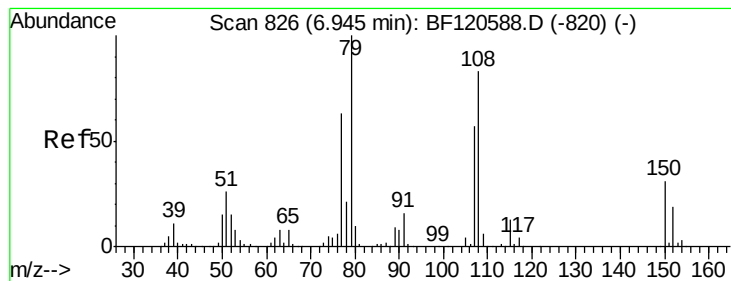
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	146	Resp:	54076
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	43.5	33.6	50.4





#15

Benzyl Alcohol

Concen: 6.347 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

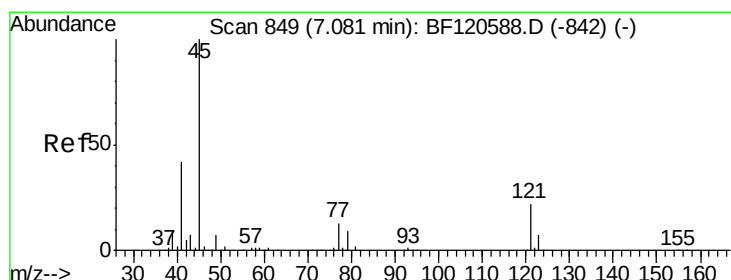
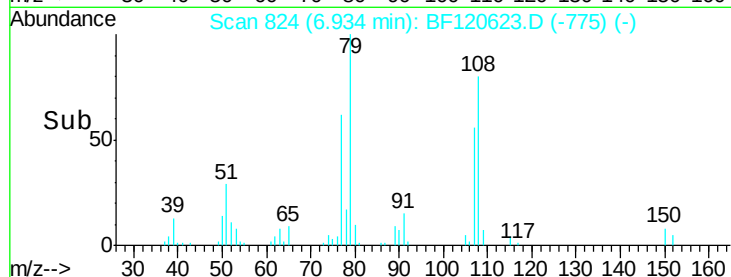
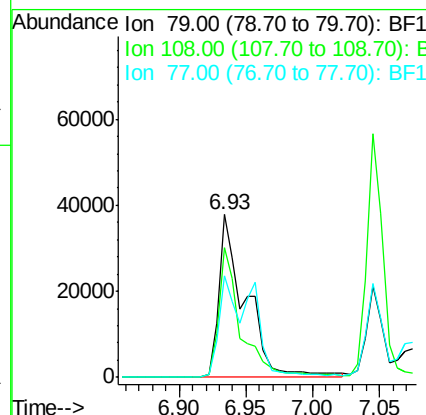
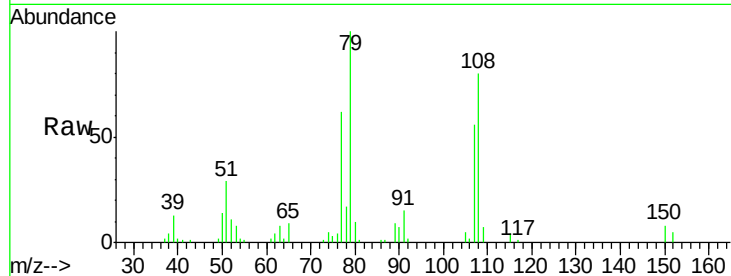
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	79	Resp:	53228
Ion Ratio	Lower	Upper	
79	100		
108	80.0	66.8	100.2
77	62.5	50.6	76.0

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 4.954 ng

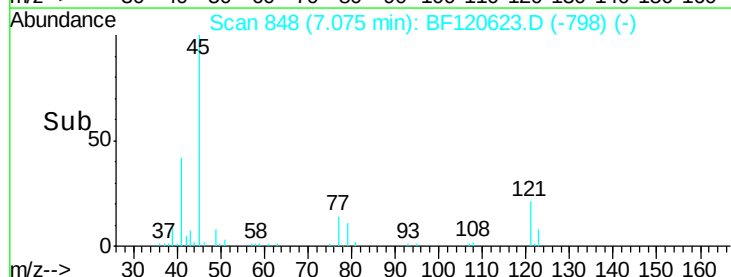
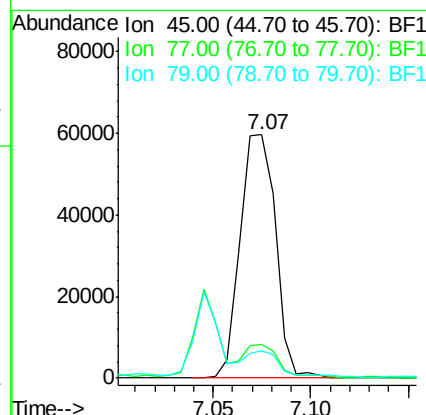
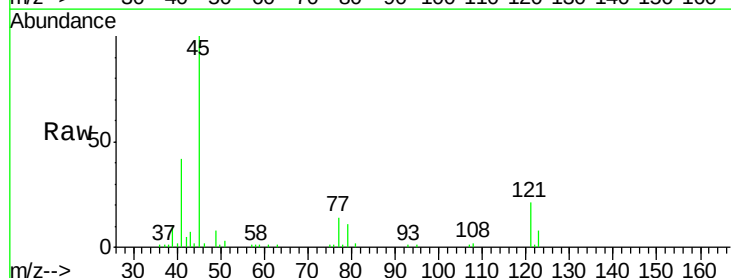
RT: 7.07 min Scan# 848

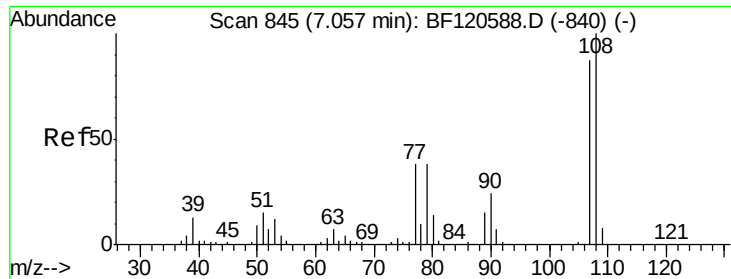
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	45	Resp:	74973
Ion Ratio	Lower	Upper	
45	100		
77	13.8	0.0	34.2
79	11.4	0.0	30.9





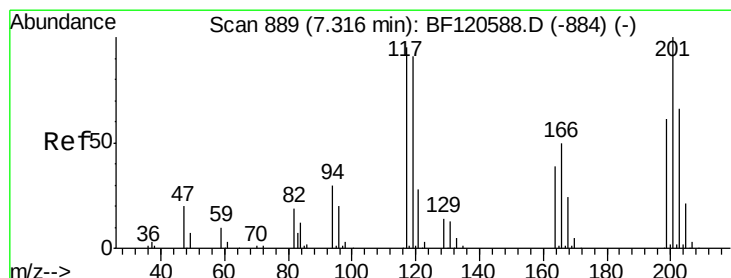
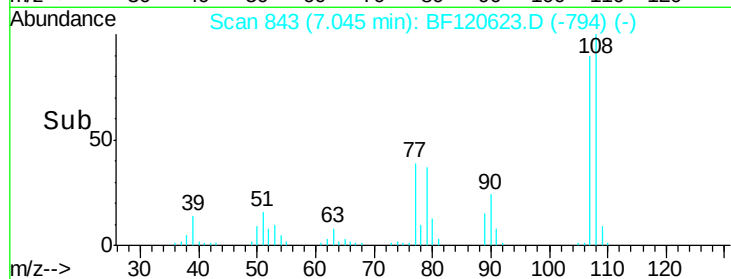
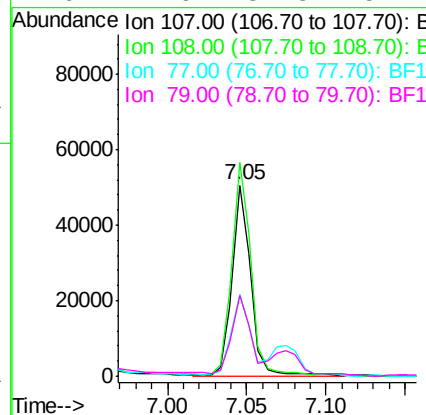
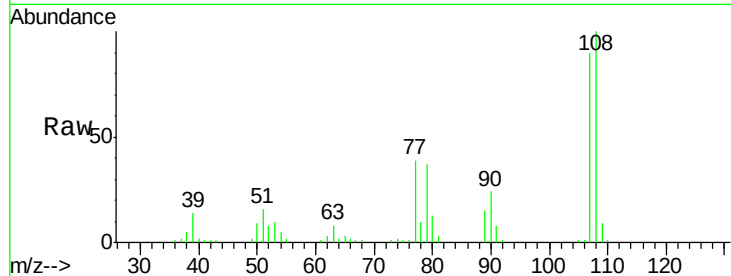
#17
2-Methylphenol
Concen: 4.575 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:	107	Resp:	41865
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.9	137.9
77	43.1	35.4	53.2
79	41.9	34.8	52.2

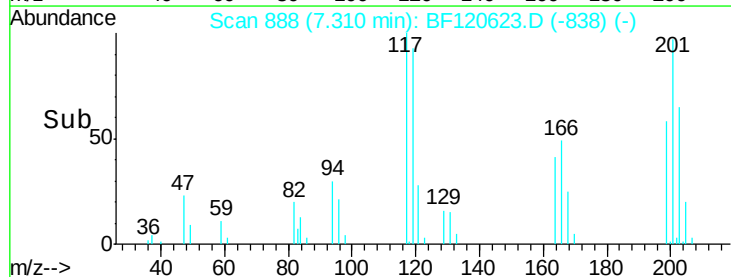
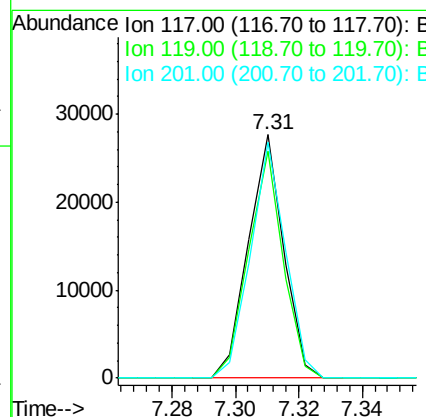
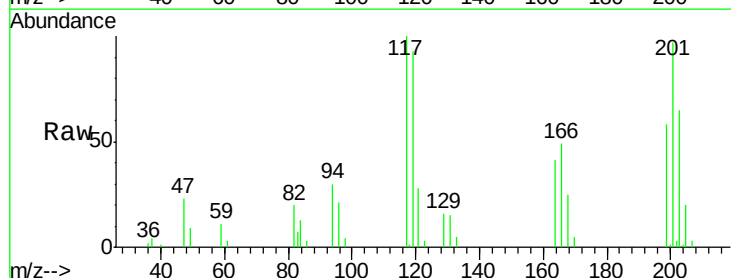
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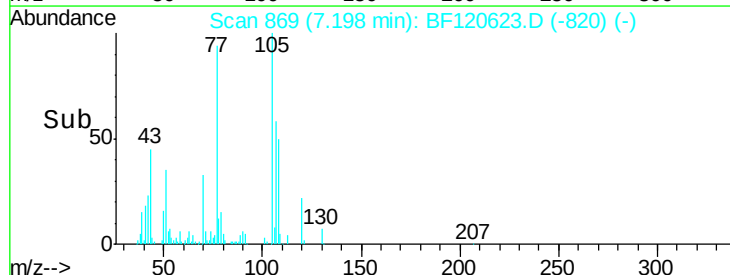
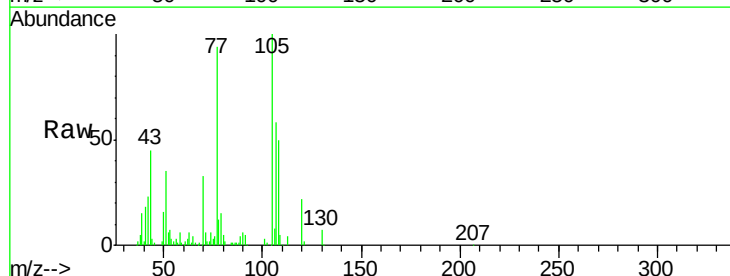
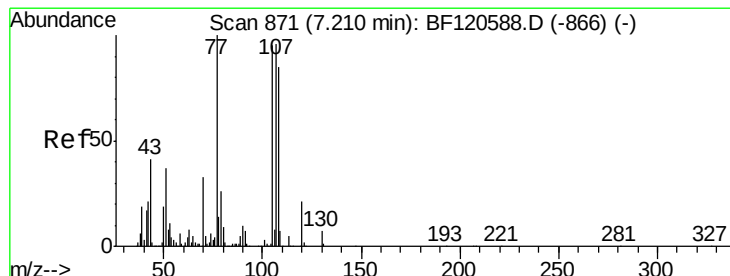
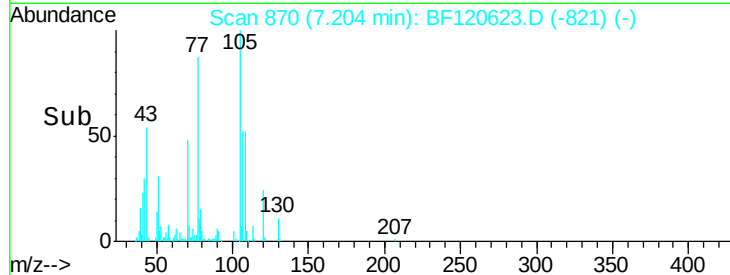
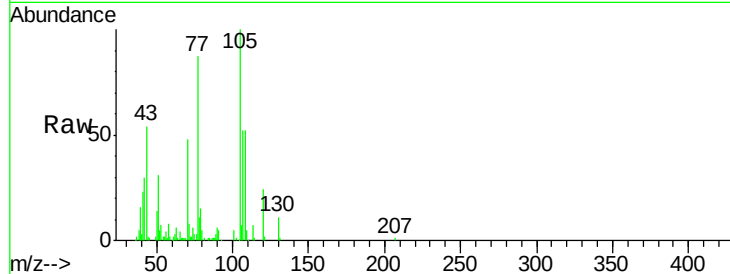
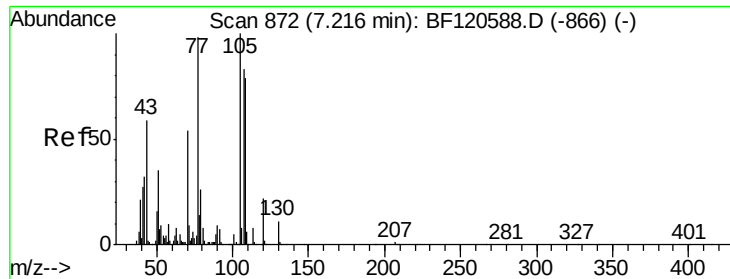
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#18
Hexachloroethane
Concen: 5.148 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

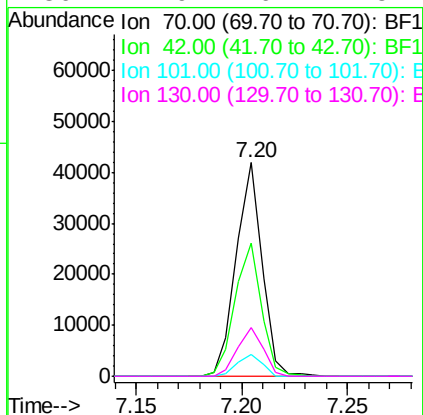
Tgt Ion:	117	Resp:	21349
Ion	Ratio	Lower	Upper
117	100		
119	93.2	76.9	115.3
201	96.8	84.6	127.0





#19
n-Nitroso-di-n-propylamine
Concen: 5.181 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.7	71.5
101	10.3	7.6	11.4
130	22.9	16.7	25.1



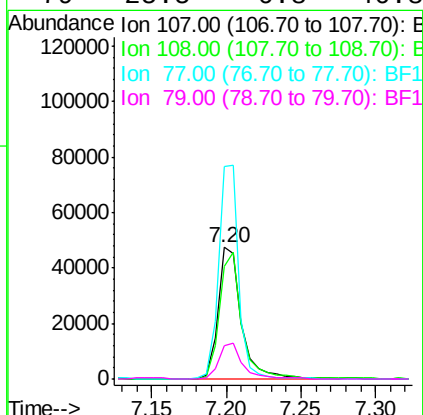
Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

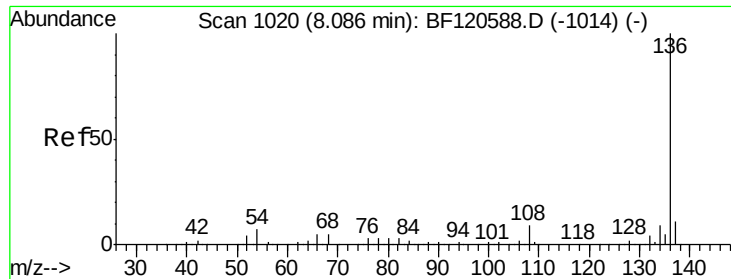
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#20
3+4-Methylphenols
Concen: 4.573 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.9	68.7	108.7
77	161.4	84.2	124.2#
79	25.5	6.8	46.8





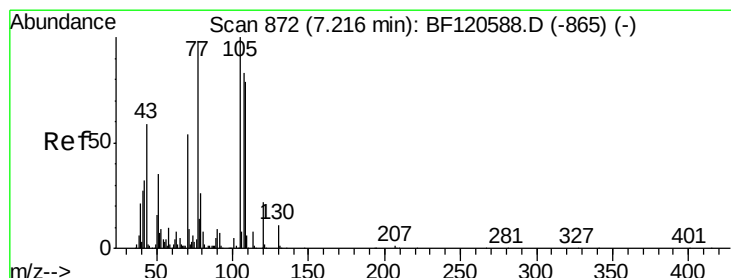
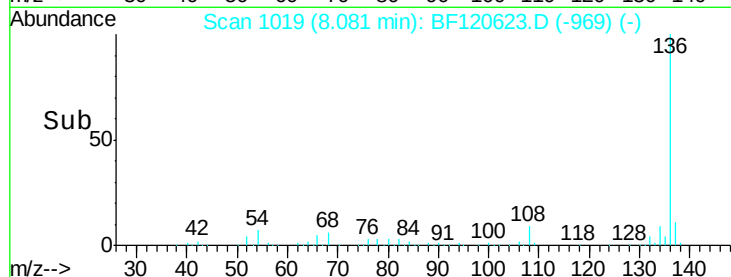
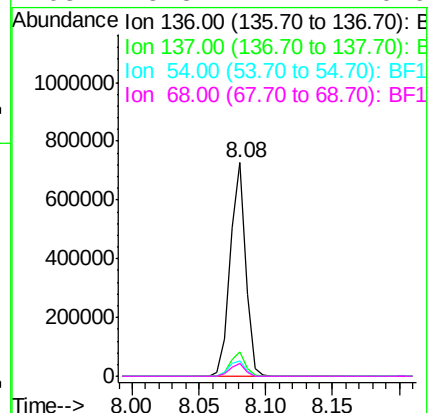
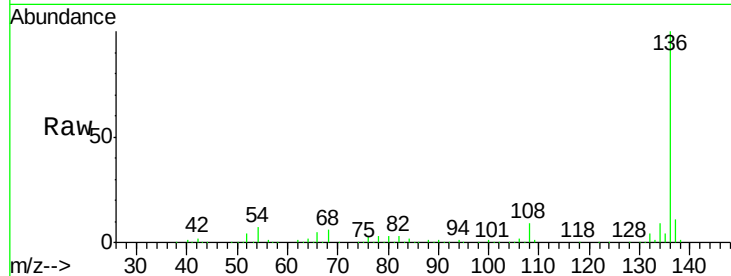
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	136	Resp	594739
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.6	13.0
54	7.4	5.8	8.6
68	5.8	4.4	6.6

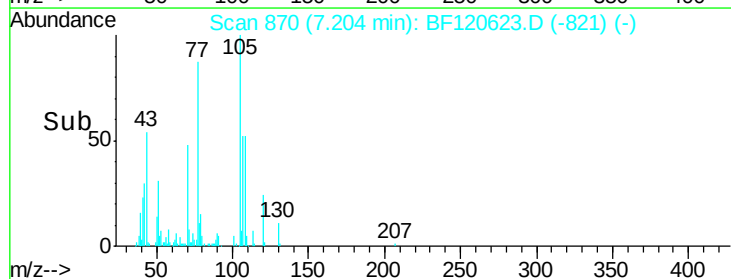
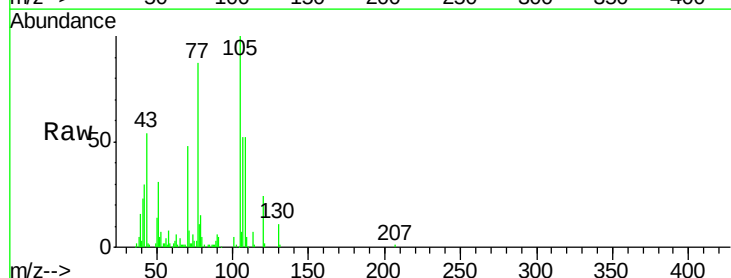
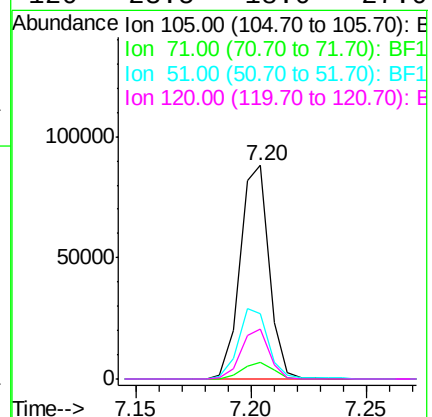
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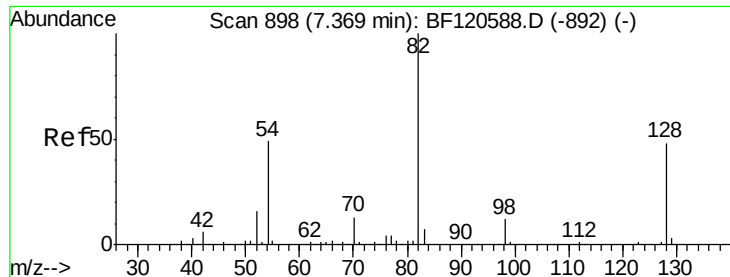
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#22
Acetophenone
Concen: 5.801 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	105	Resp	77132
Ion Ratio	Lower	Upper	
105	100		
71	8.0	7.2	10.8
51	30.6	27.8	41.8
120	23.5	18.0	27.0





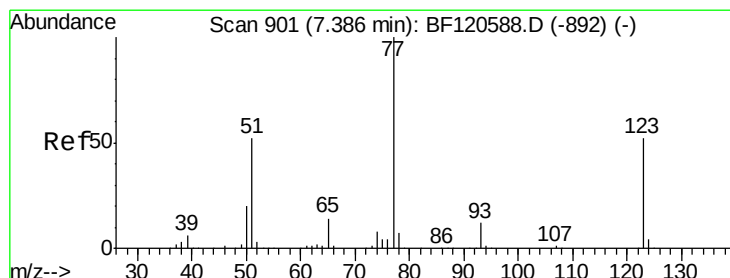
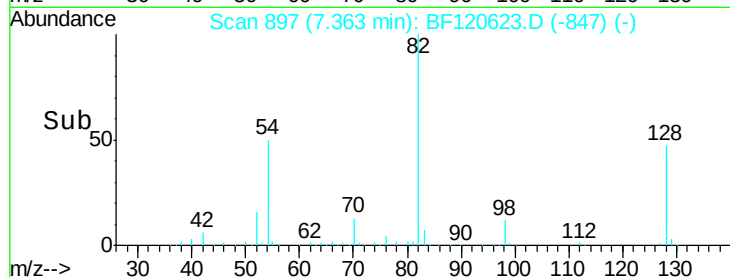
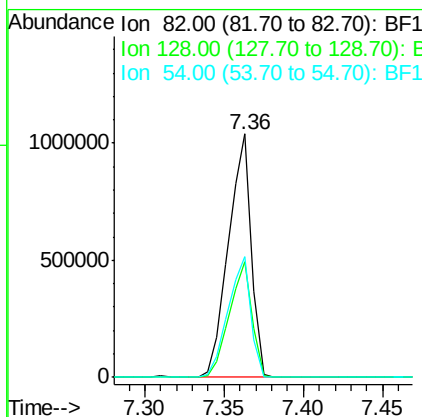
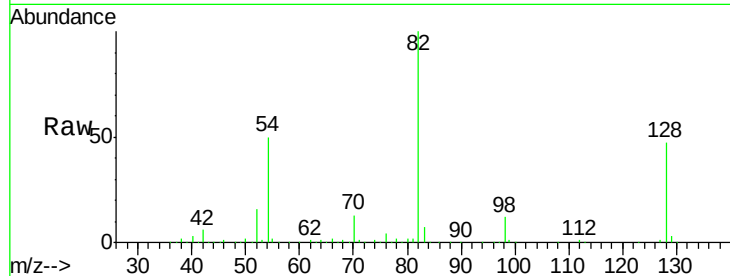
#23
 Nitrobenzene-d5
 Concen: 97.361 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	38.0	57.0
54	49.5	38.8	58.2

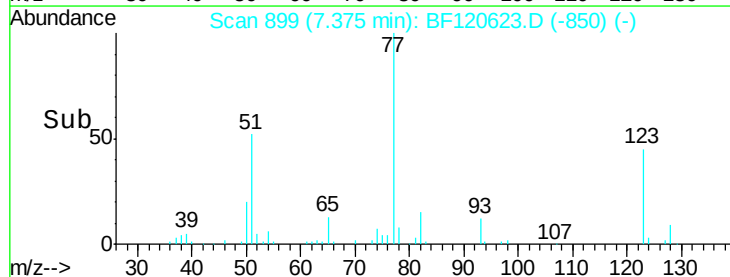
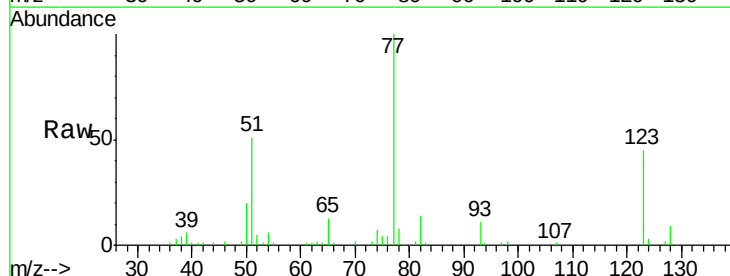
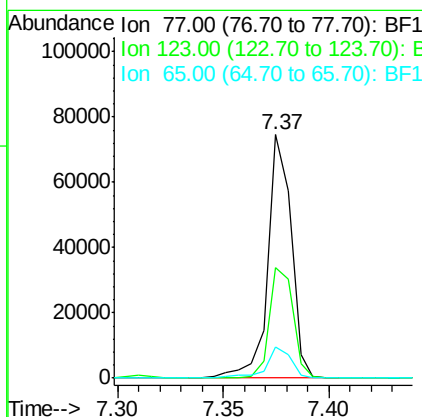
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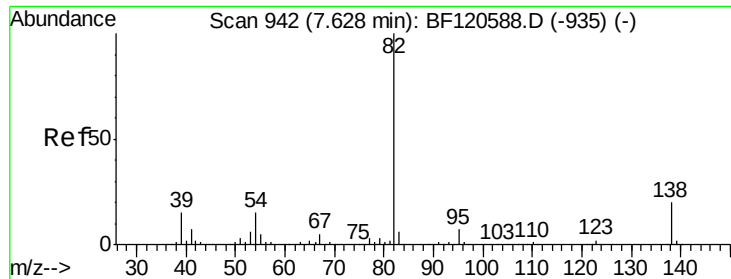
mohammad
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#24
 Nitrobenzene
 Concen: 5.188 ng
 RT: 7.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	41.4	62.0
65	13.0	11.0	16.4





#25

Isophorone

Concen: 4.764 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

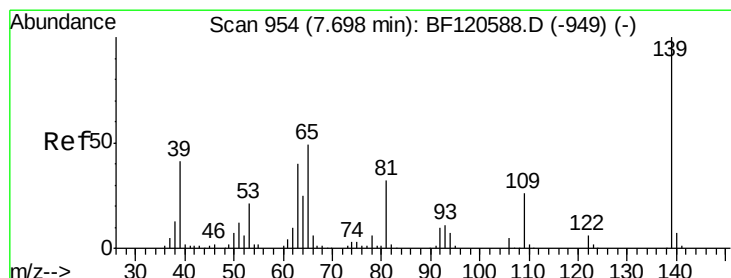
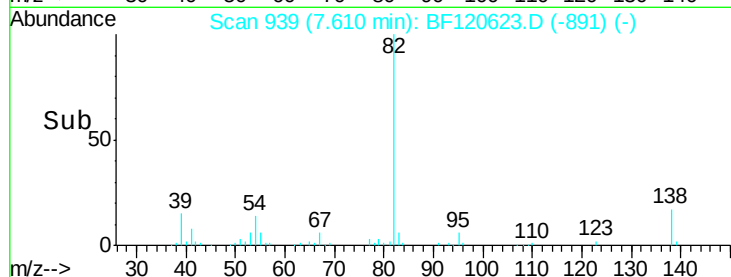
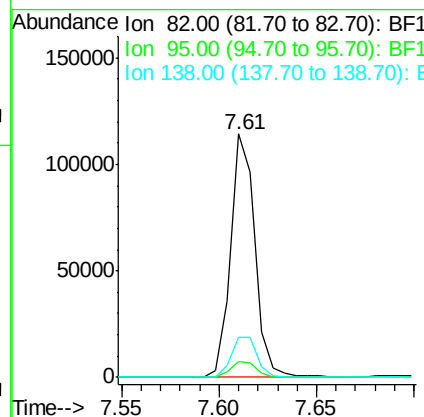
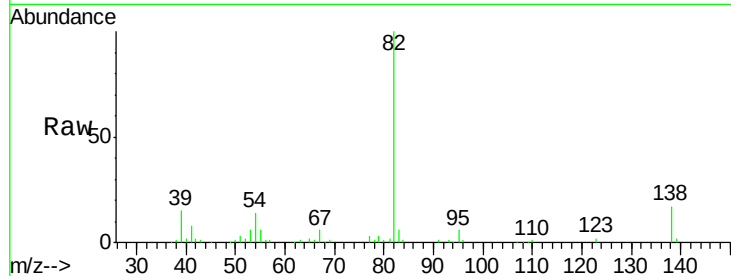
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	82	Resp:	98733
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.7	8.5
138	16.5	16.2	24.4

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#26

2-Nitrophenol

Concen: 4.144 ng

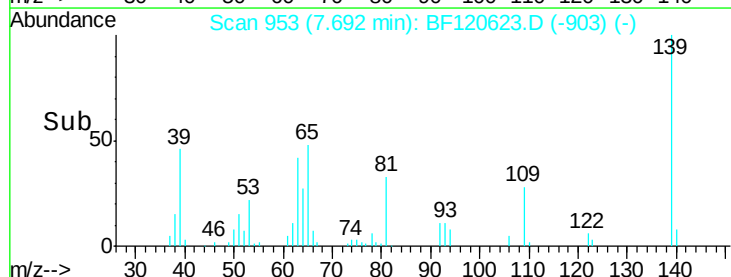
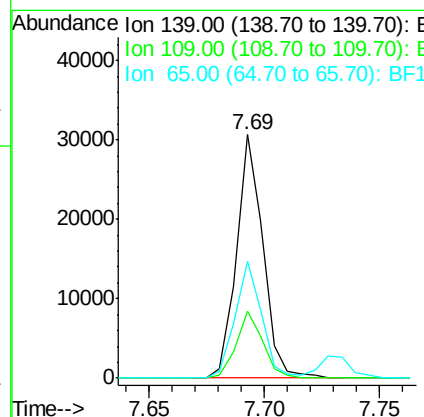
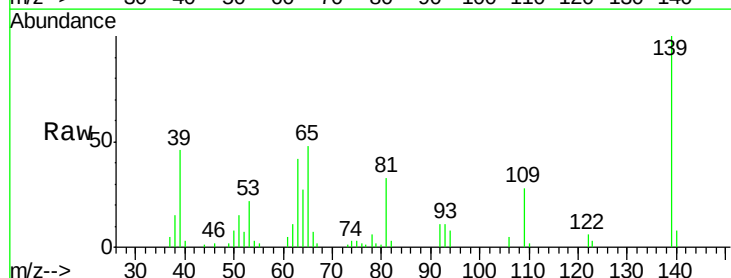
RT: 7.69 min Scan# 953

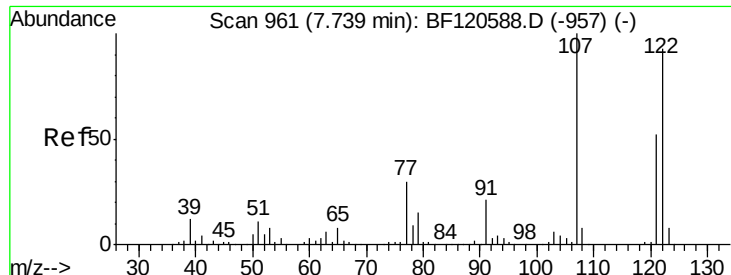
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	139	Resp:	24411
Ion Ratio	Lower	Upper	
139	100		
109	27.6	21.1	31.7
65	47.9	39.4	59.0





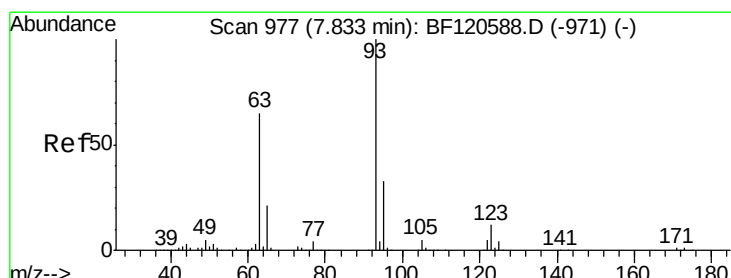
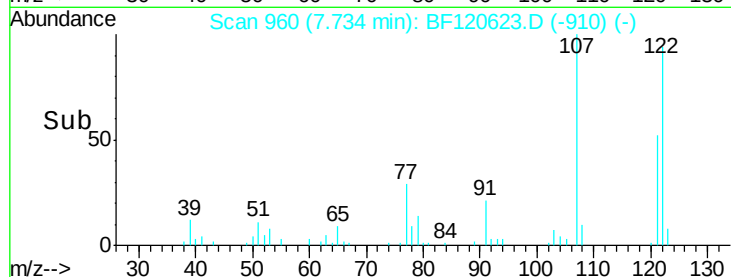
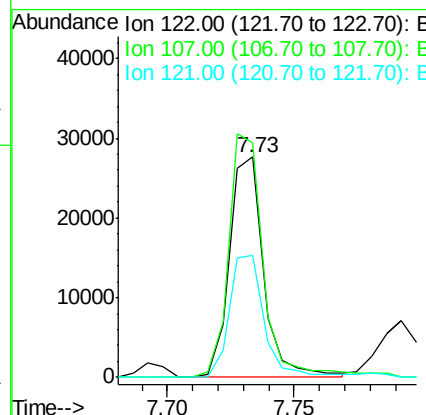
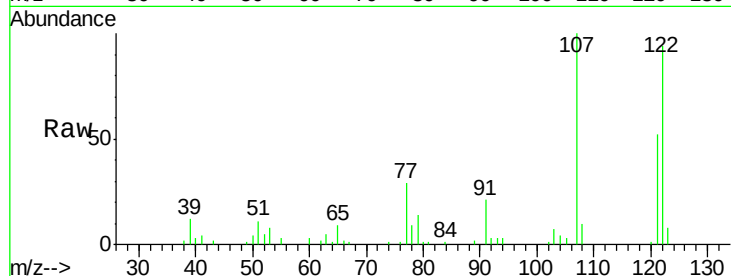
#27
2,4-Dimethylphenol
Concen: 2.991 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	106.8	86.4	129.6
121	55.6	45.2	67.8

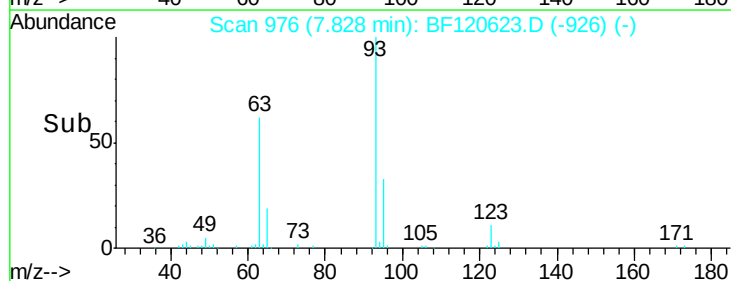
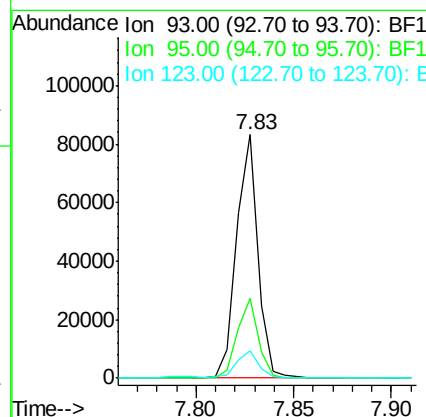
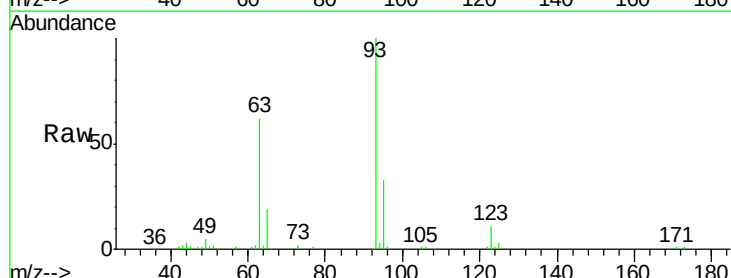
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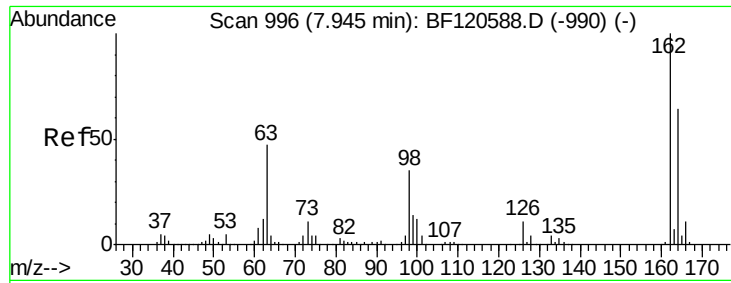
mohammad
6/16/2020 11:06:40 AM



#28
bis(2-Chloroethoxy)methane
Concen: 5.271 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.2	39.4
123	11.5	9.5	14.3





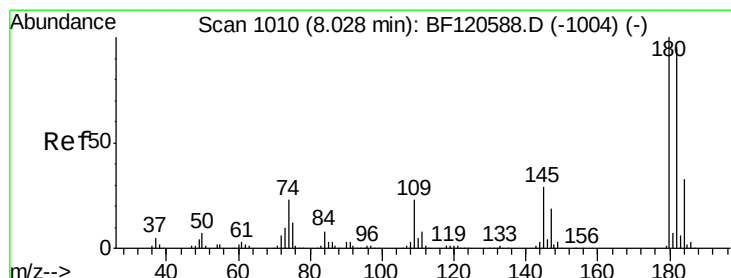
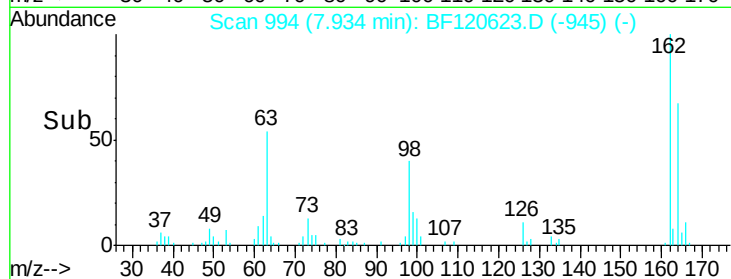
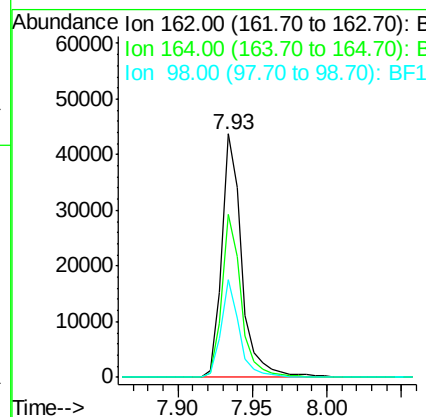
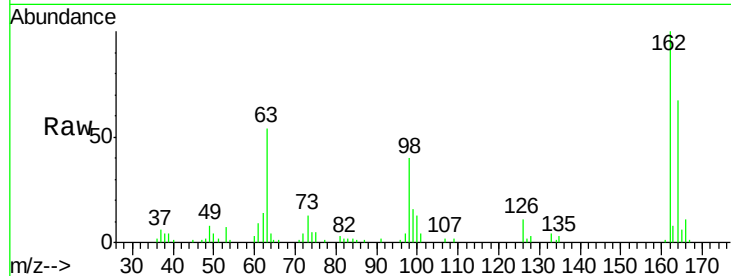
#29
 2,4-Dichlorophenol
 Concen: 4.681 ng
 RT: 7.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	162	Resp:	41272
Ion Ratio	Lower	Upper	
162	100		
164	66.8	44.1	84.1
98	40.0	14.7	54.7

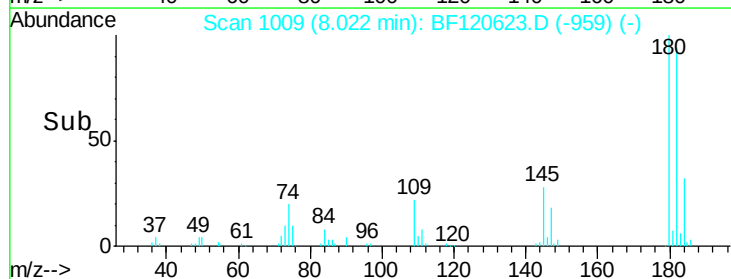
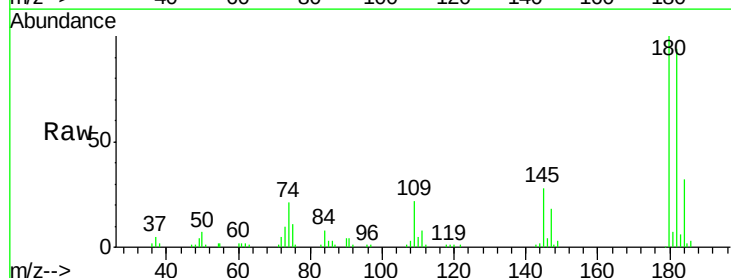
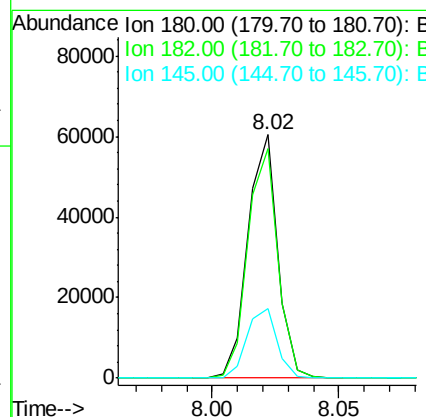
Manual Integrations
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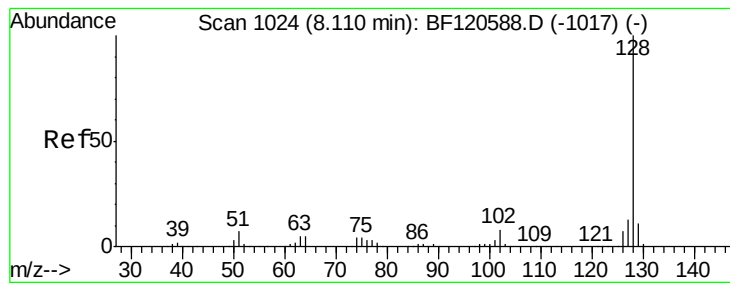
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 5.040 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:	180	Resp:	49237
Ion Ratio	Lower	Upper	
180	100		
182	94.4	75.8	113.6
145	28.3	23.0	34.6





#31

Naphthalene

Concen: 5.510 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

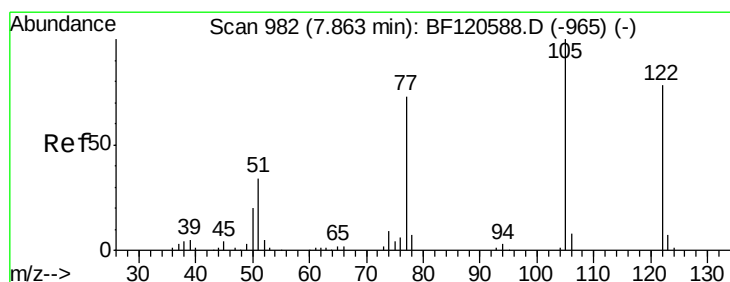
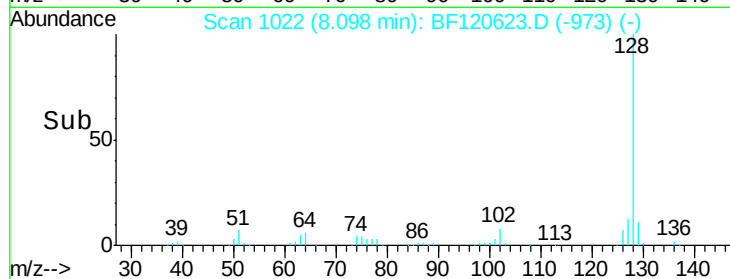
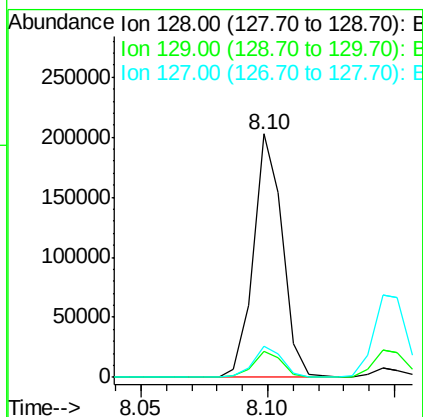
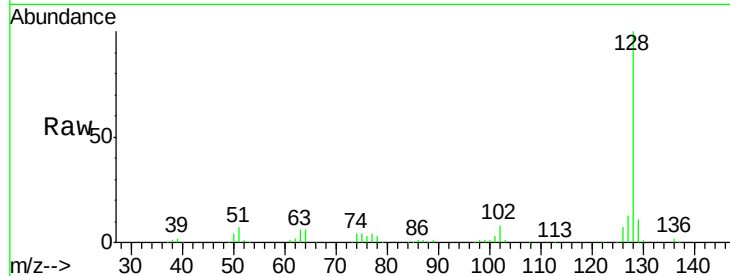
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	128	Resp:	160900
Ion Ratio	Lower	Upper	
128	100		
129	10.6	8.8	13.2
127	13.0	10.6	15.8

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#32

Benzoic acid

Concen: 1.729 ng m

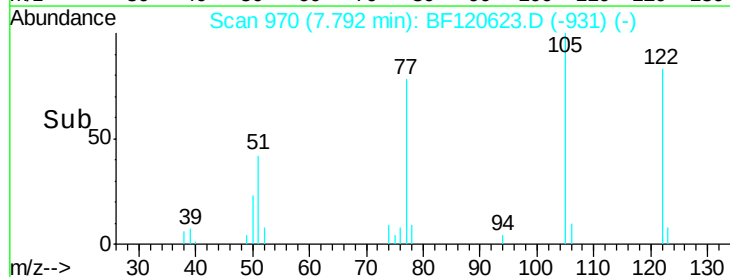
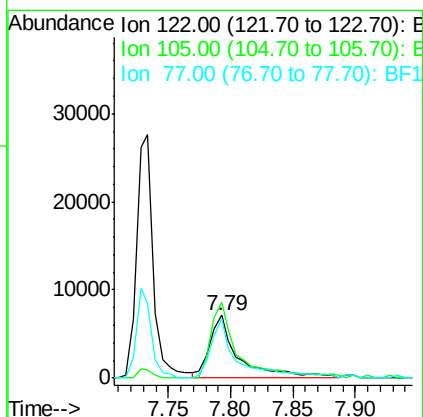
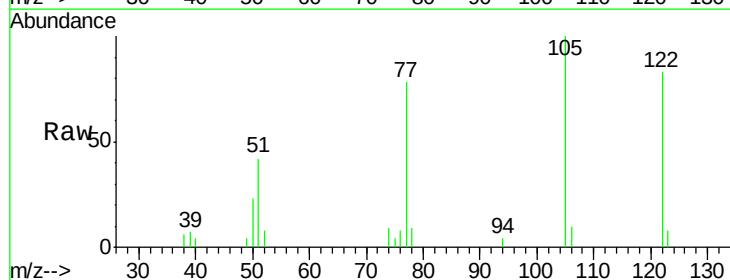
RT: 7.79 min Scan# 970

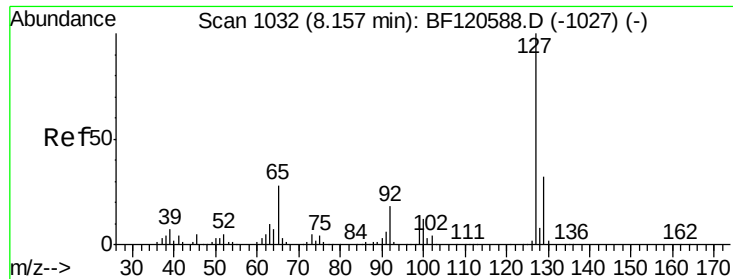
Delta R.T. -0.07 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	122	Resp:	11506
Ion Ratio	Lower	Upper	
122	100		
105	120.2	101.0	141.0
77	93.9	69.8	109.8





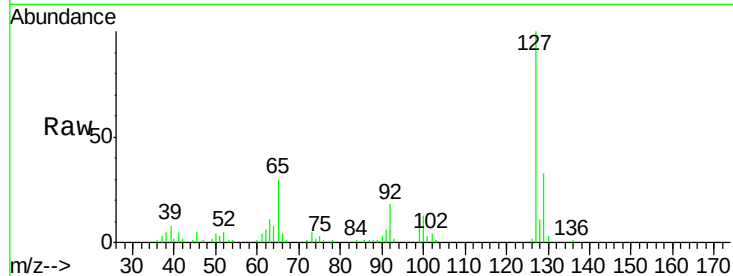
#33
4-Chloroaniline
Concen: 4.804 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

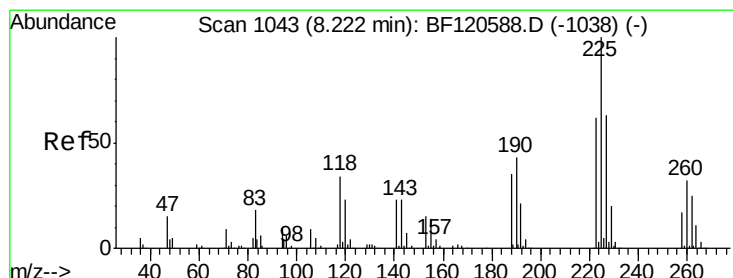
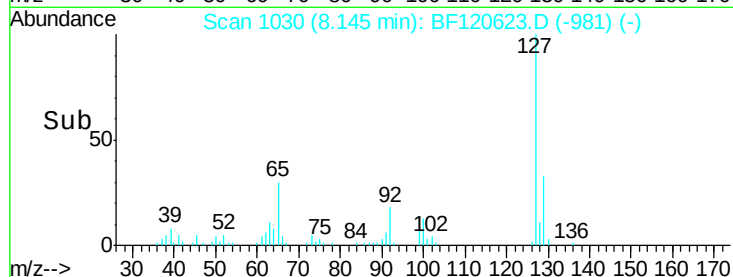
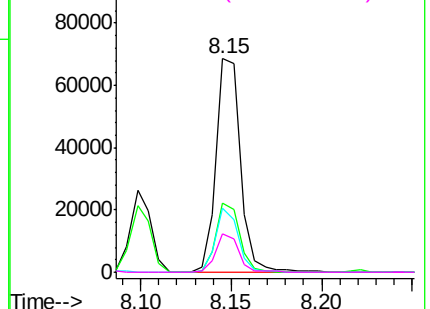
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64400		
129	32.7	25.9	38.9		
65	30.3	22.2	33.4		
92	17.9	14.2	21.2		

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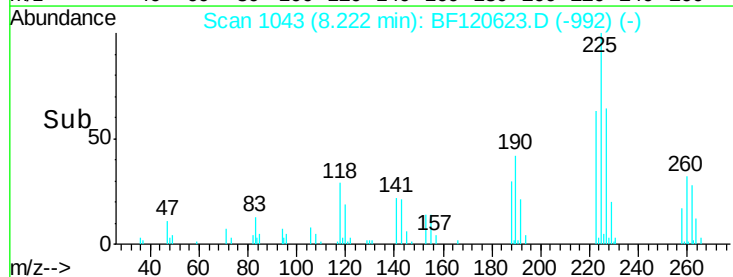
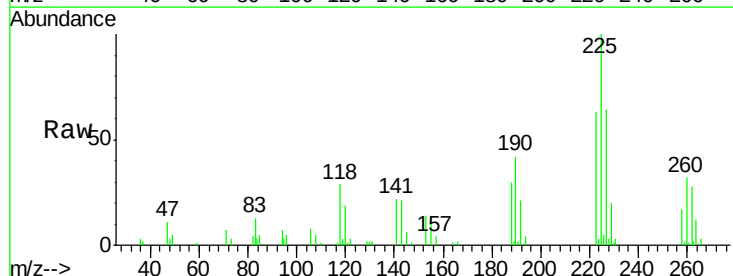
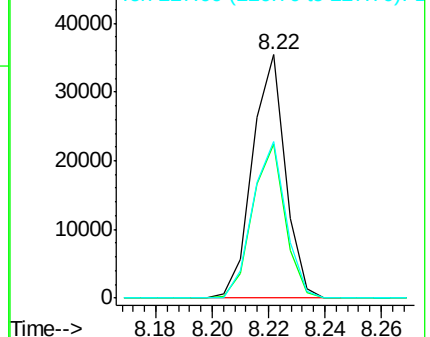
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

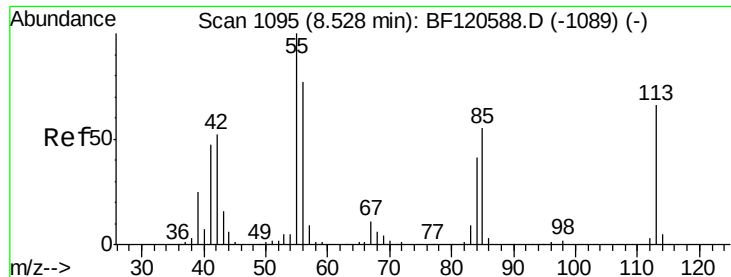


#34
Hexachlorobutadiene
Concen: 5.013 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		28551		
223	63.4	49.9	74.9		
227	64.2	50.5	75.7		

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





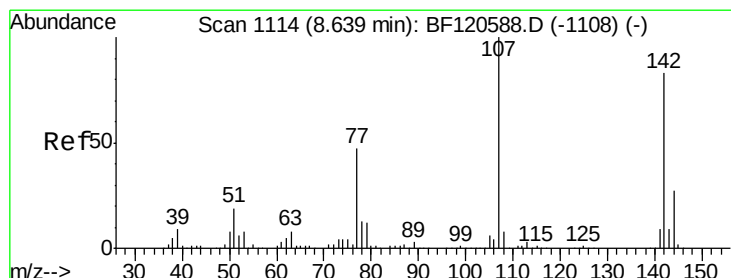
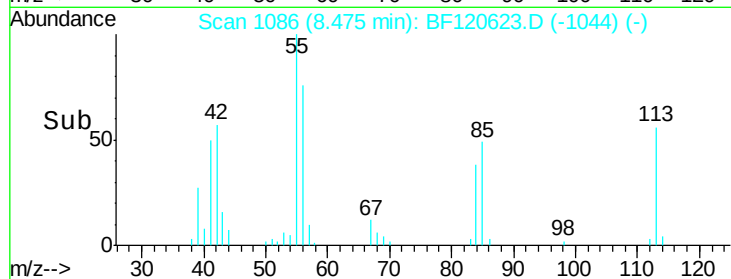
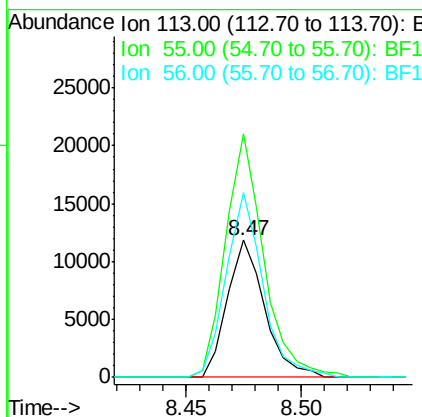
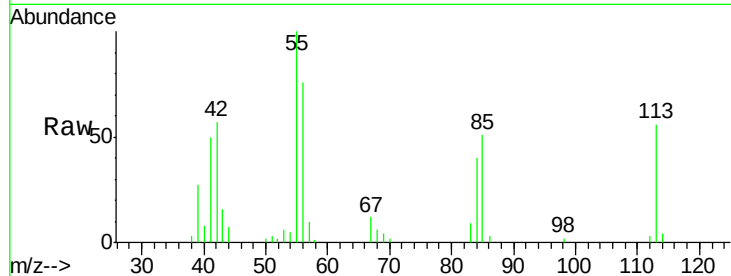
#35
Caprolactam
Concen: 4.731 ng
RT: 8.47 min Scan# 1086
Delta R.T. -0.05 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion:113 Resp: 13339
Ion Ratio Lower Upper
113 100
55 177.8 133.1 173.1#
56 134.8 98.4 138.4

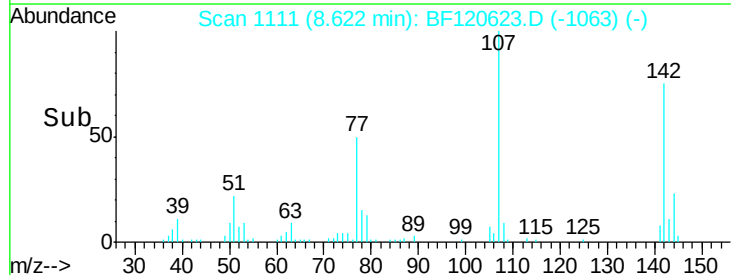
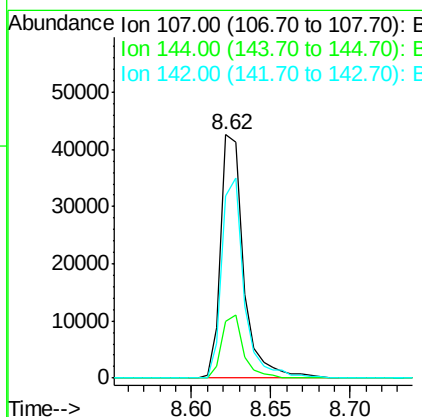
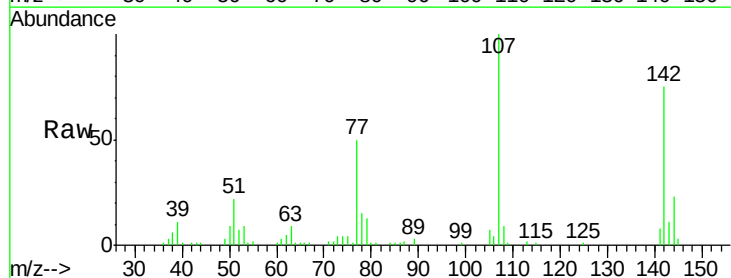
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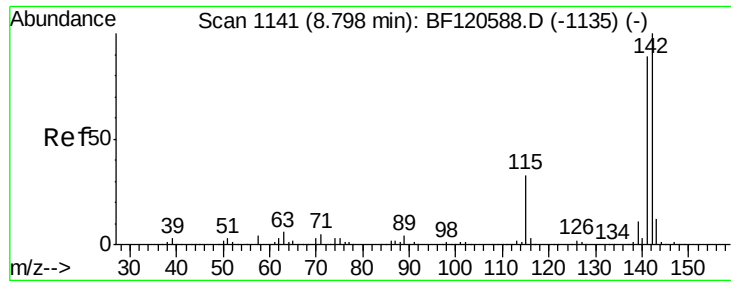
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 4.845 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion:107 Resp: 42676
Ion Ratio Lower Upper
107 100
144 23.4 21.4 32.2
142 74.7 66.3 99.5





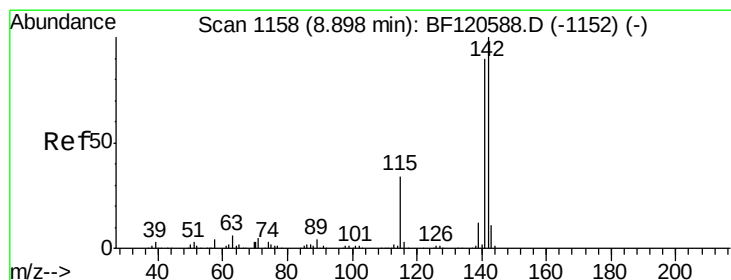
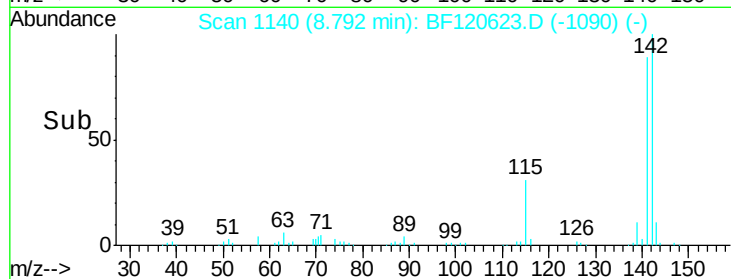
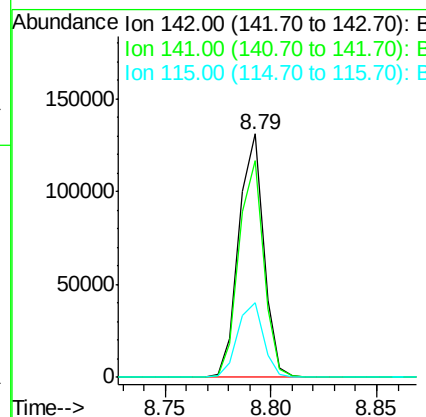
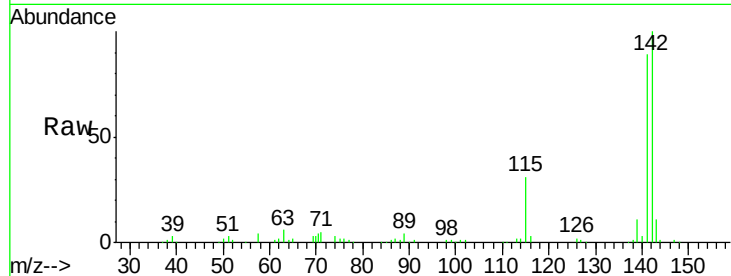
#37
2-Methylnaphthalene
Concen: 5.584 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.0
115	30.7	26.1	39.1

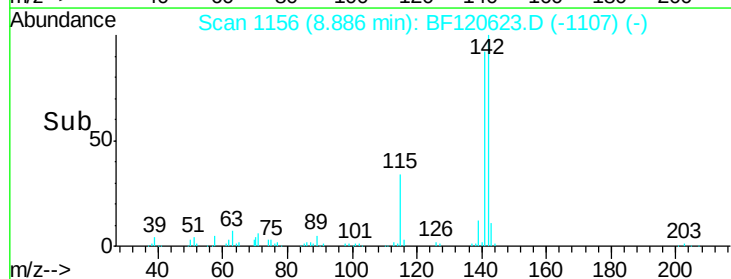
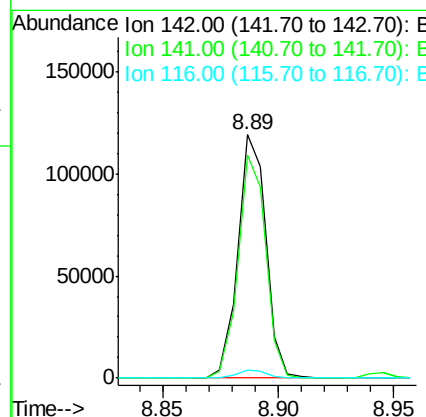
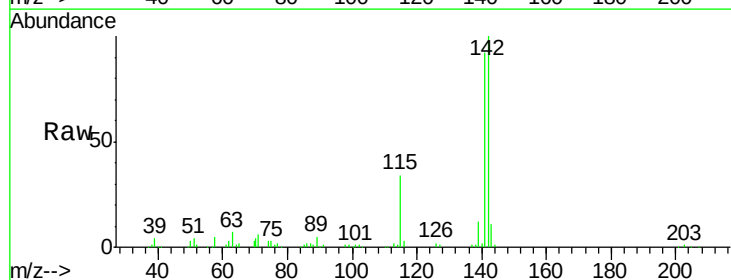
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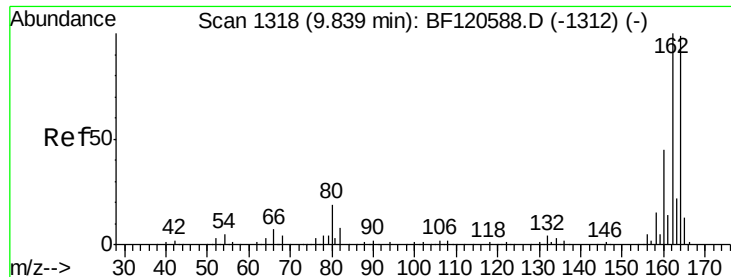
mohammad
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#38
1-Methylnaphthalene
Concen: 5.614 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	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: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

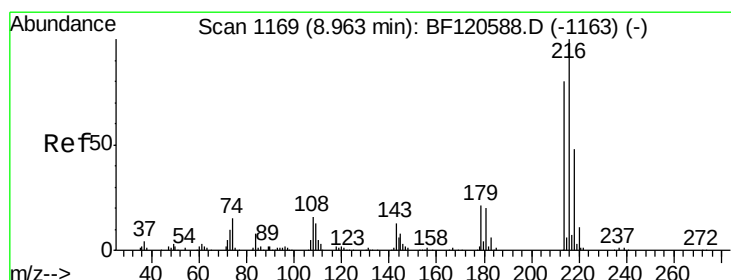
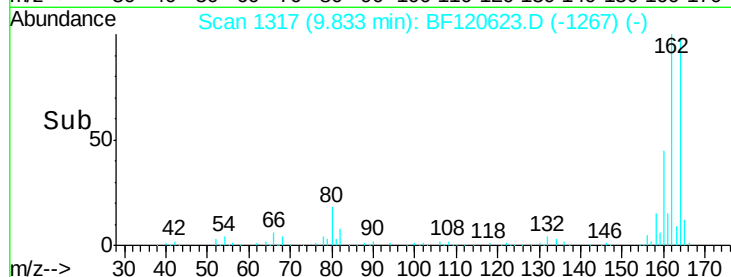
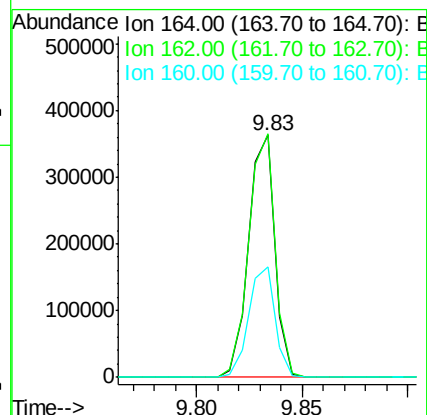
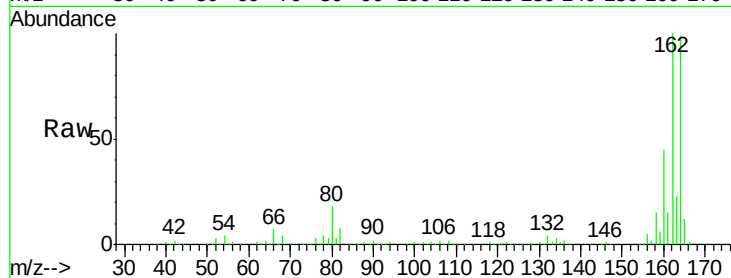
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	164	Resp:	312661
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.6	120.8
160	45.6	36.2	54.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 5.583 ng

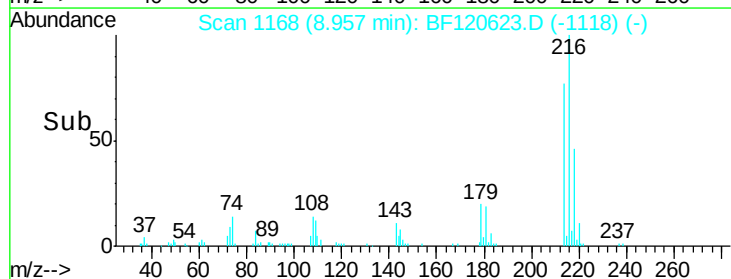
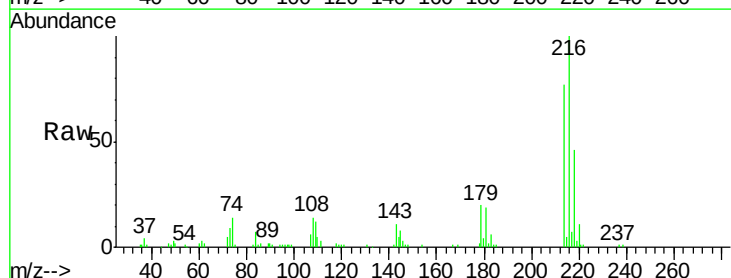
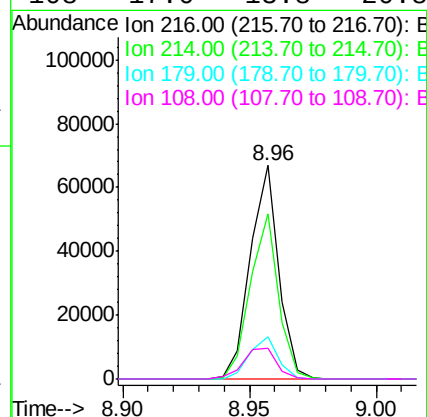
RT: 8.96 min Scan# 1168

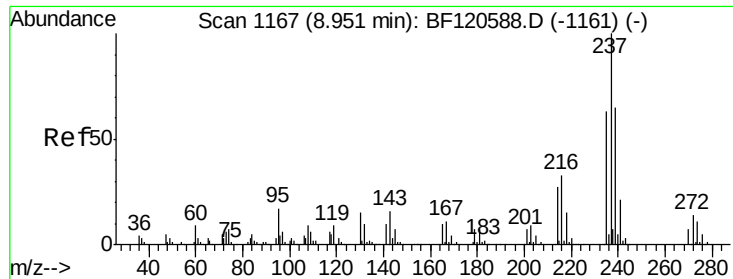
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	216	Resp:	52119
Ion Ratio	Lower	Upper	
216	100		
214	76.4	63.8	95.6
179	19.9	16.4	24.6
108	17.0	13.8	20.8





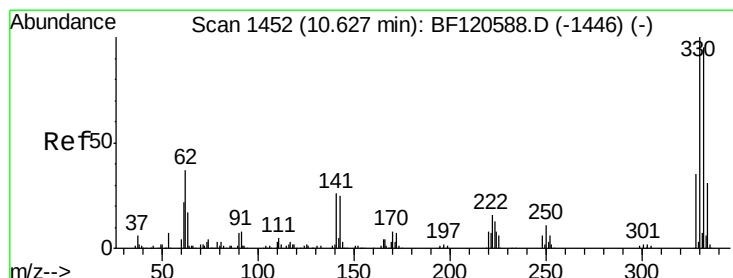
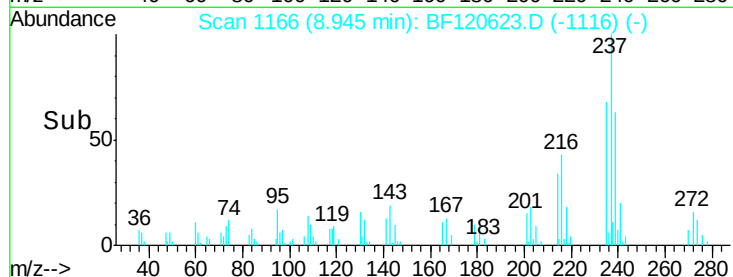
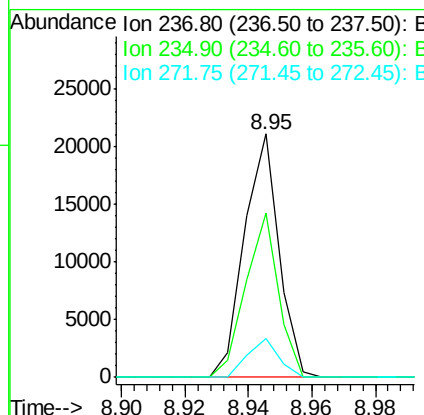
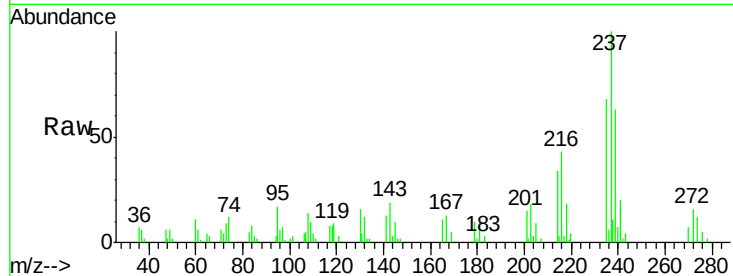
#41
Hexachlorocyclopentadiene
Concen: 3.041 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
237	100		
235	67.6	43.2	83.2
272	15.8	0.0	33.9

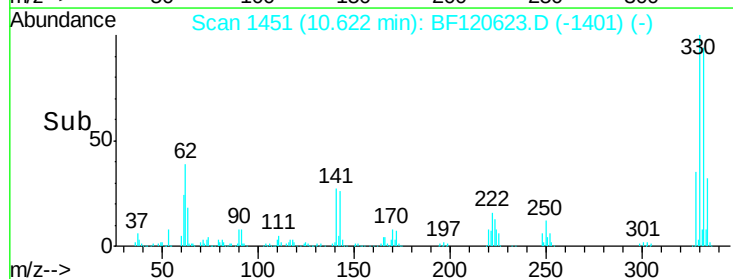
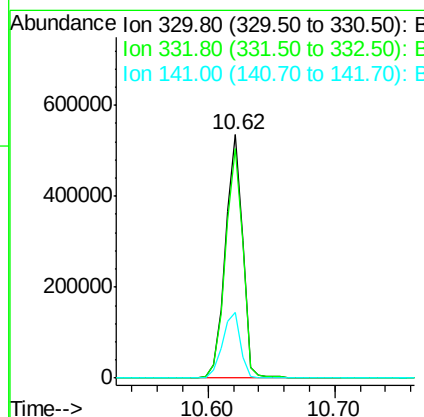
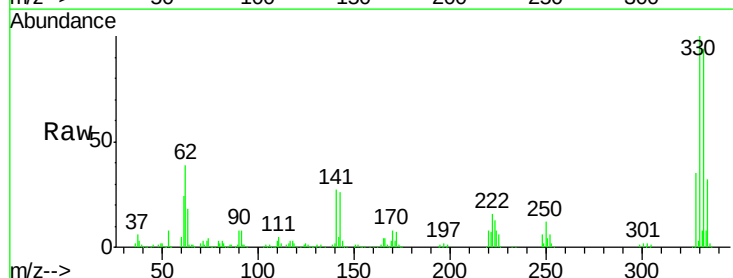
Manual Integrations
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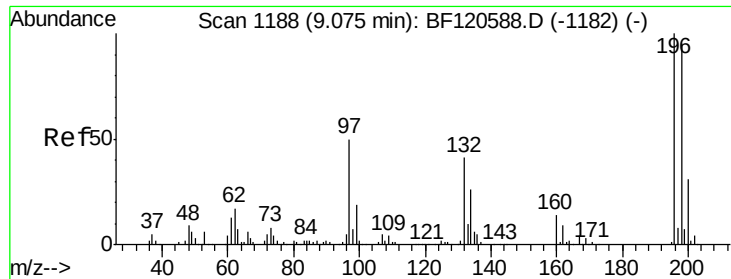
mohammad
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#42
2,4,6-Tribromophenol
Concen: 139.651 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.8	115.2
141	28.7	23.2	34.8





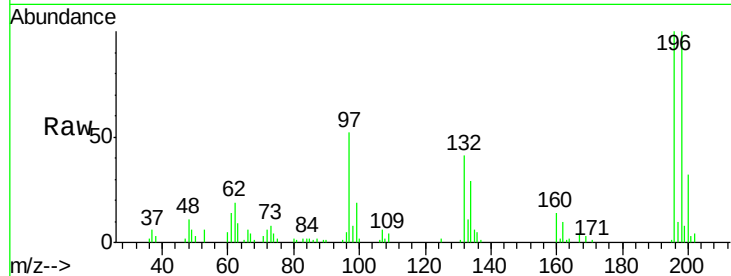
#43
 2,4,6-Trichlorophenol
 Concen: 4.283 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

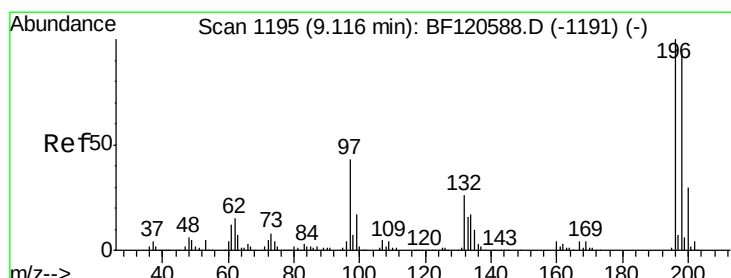
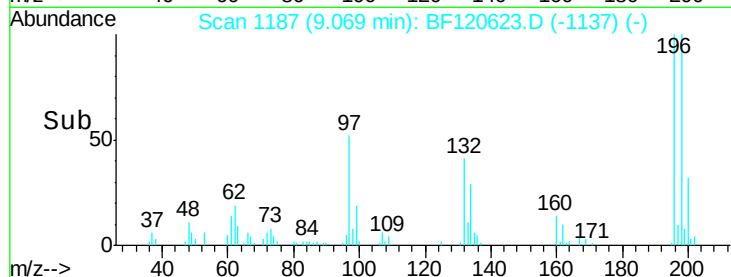
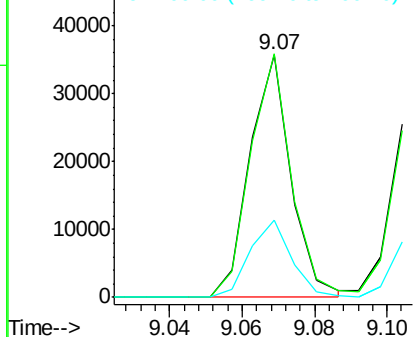
Tot Ion:	196	Resp:	28364
Ion Ratio	Lower	Upper	
196	100		
198	100.4	76.2	114.2
200	32.1	24.6	37.0

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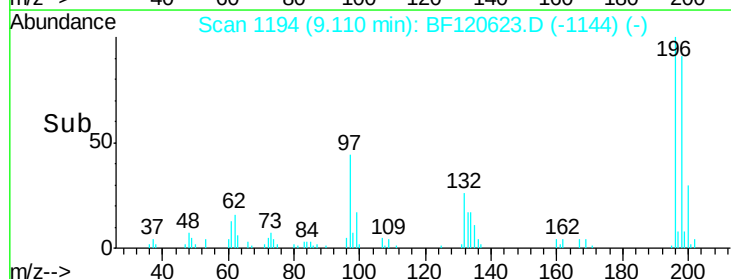
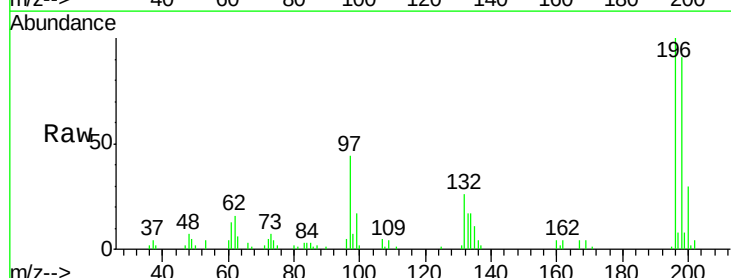
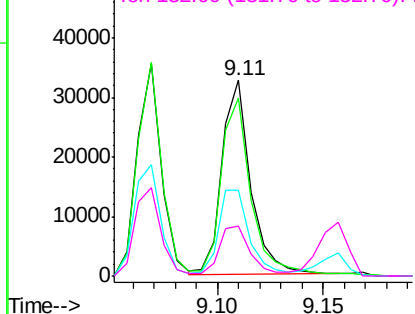
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

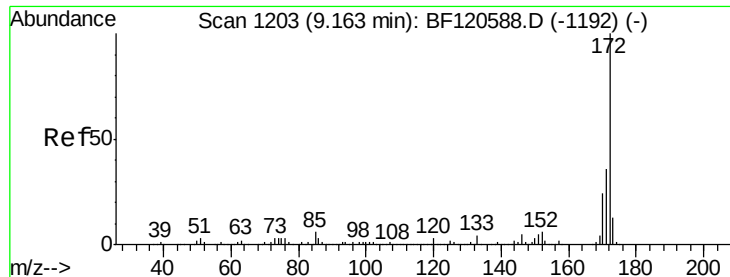


#44
 2,4,5-Trichlorophenol
 Concen: 4.132 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:	196	Resp:	31047
Ion Ratio	Lower	Upper	
196	100		
198	90.9	75.5	113.3
97	43.8	34.4	51.6
132	25.6	20.7	31.1

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





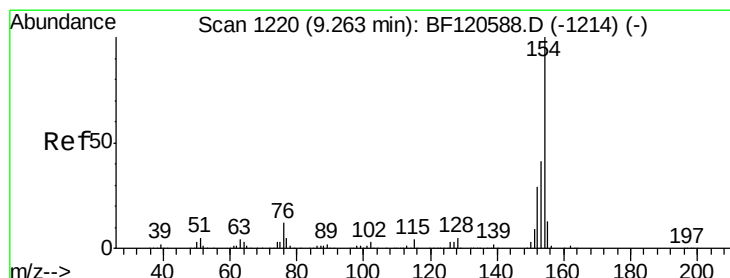
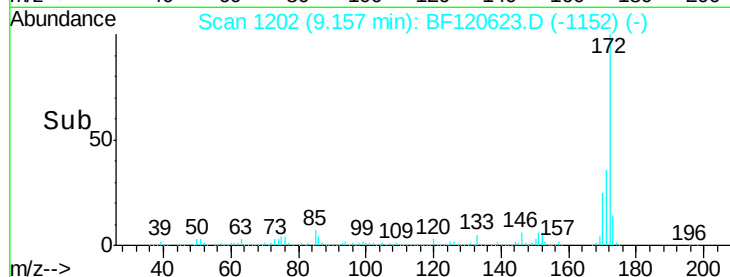
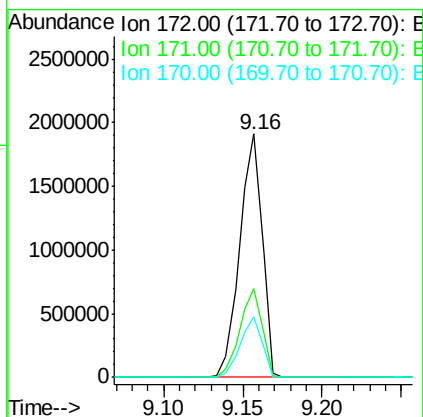
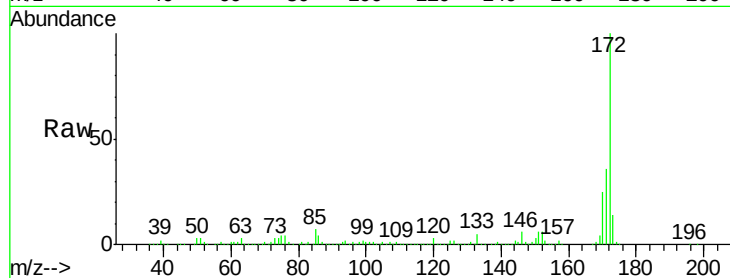
#45
2-Fluorobiphenyl
Concen: 91.673 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.0	43.4
170	25.0	19.4	29.2

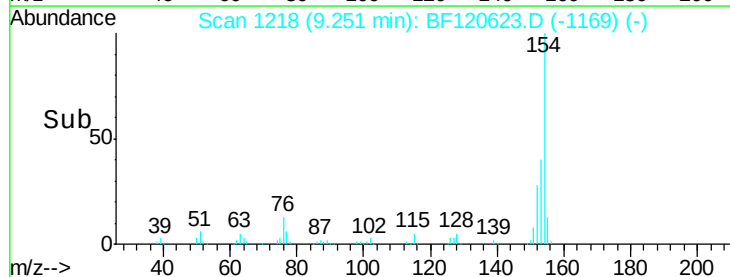
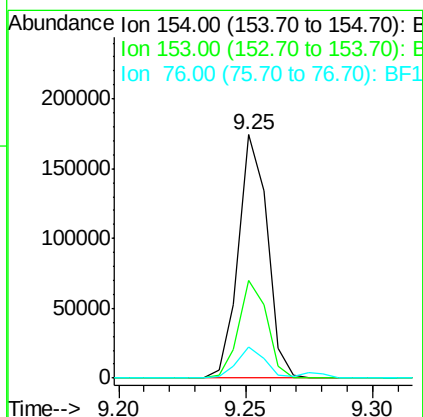
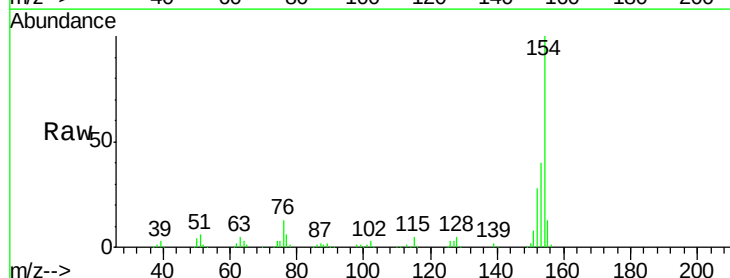
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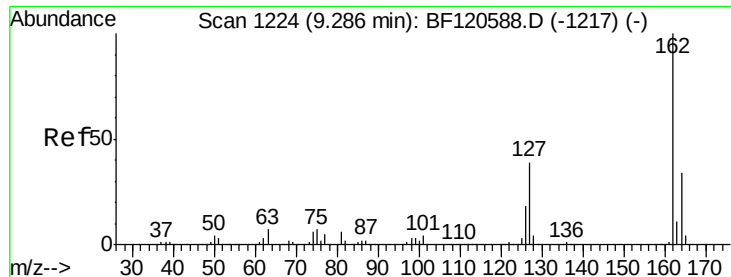
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#46
1,1'-Biphenyl
Concen: 5.908 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.2	21.4	61.4
76	13.0	0.0	31.6





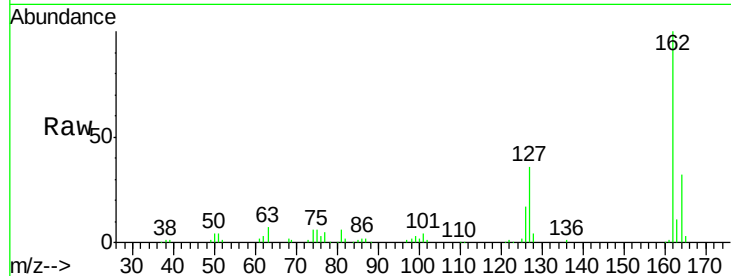
#47
 2-Chloronaphthalene
 Concen: 5.300 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

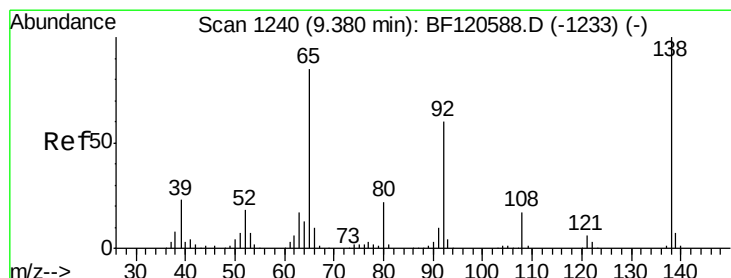
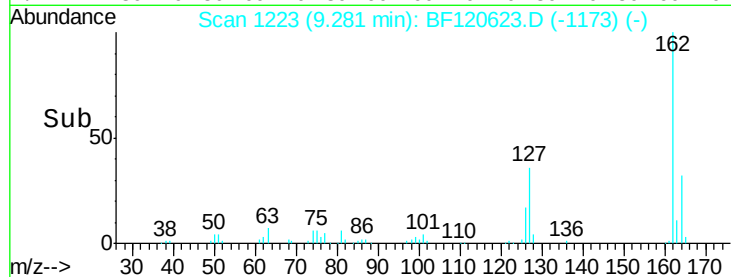
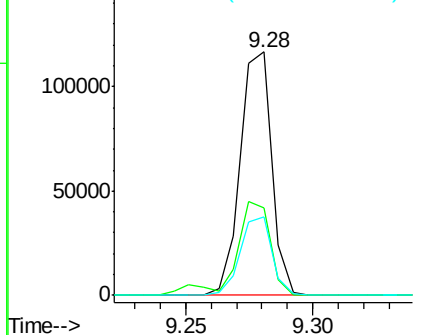
Tot Ion	Ratio	Resp	Lower	Upper
162	100	101187		
127	36.1		31.3	46.9
164	32.0		26.9	40.3

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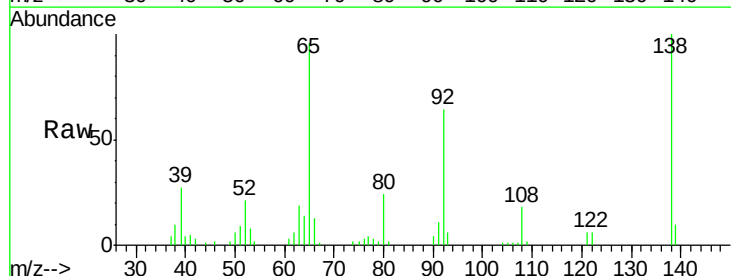


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

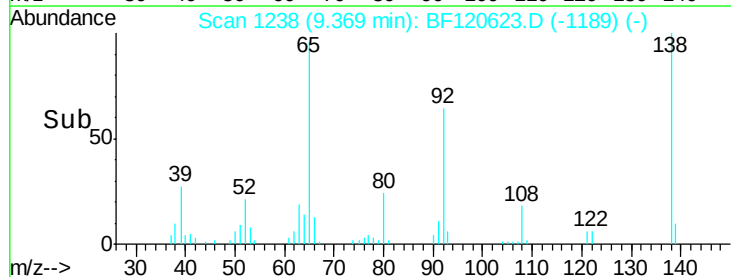
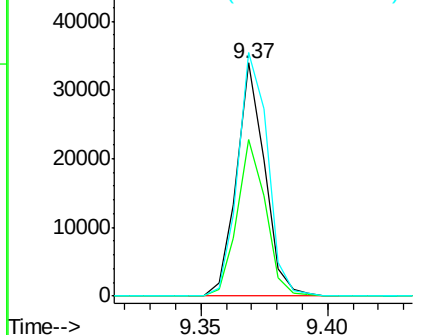


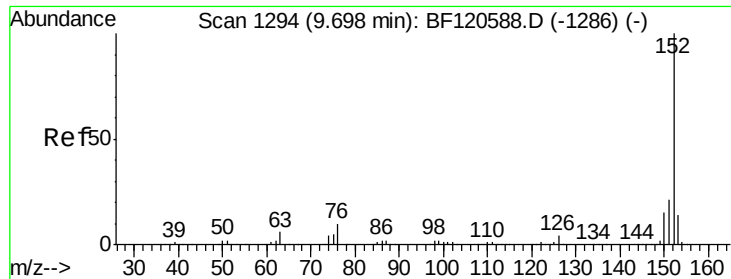
#48
 2-Nitroaniline
 Concen: 4.356 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	26117		
92	67.0		56.0	84.0
138	104.6		94.0	141.0



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





#49

Acenaphthylene

Concen: 5.397 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

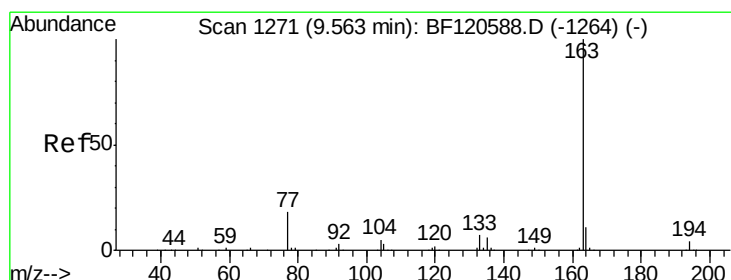
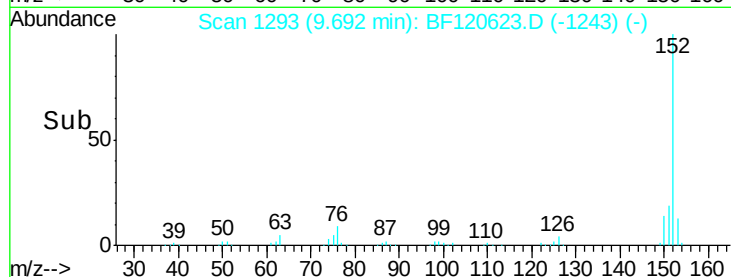
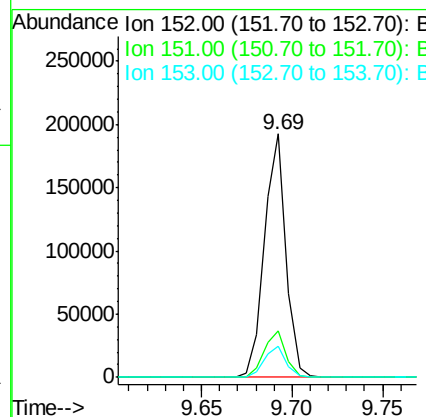
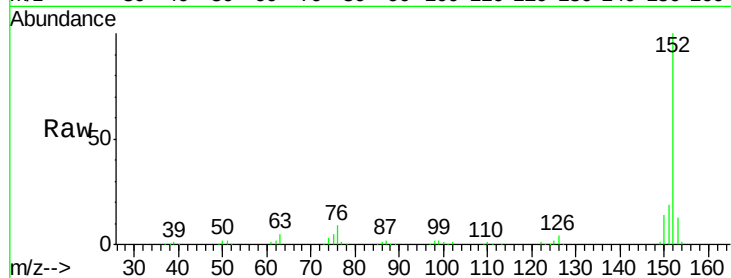
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.6	25.0
153	12.6	11.0	16.6

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#50

Dimethylphthalate

Concen: 5.041 ng

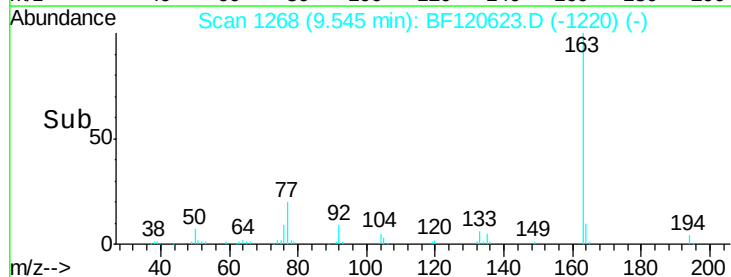
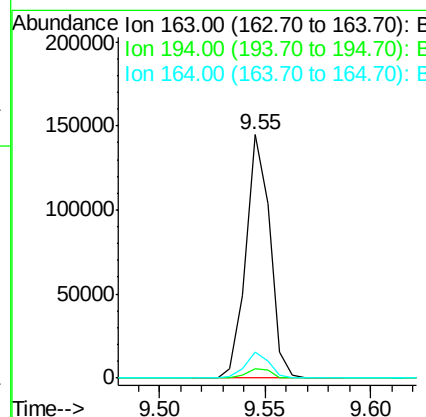
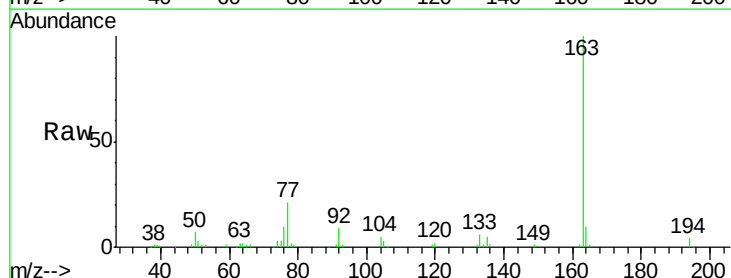
RT: 9.55 min Scan# 1268

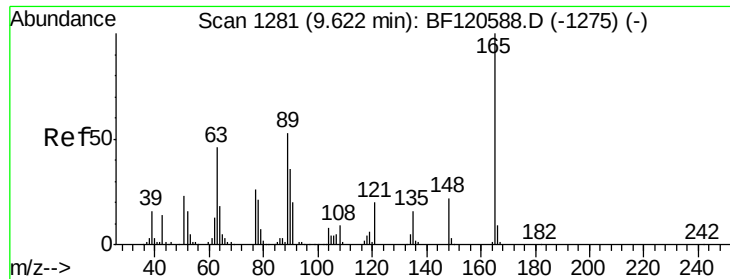
Delta R.T. -0.02 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	10.5	8.5	12.7





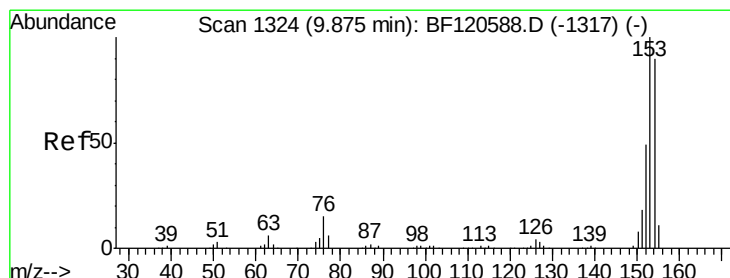
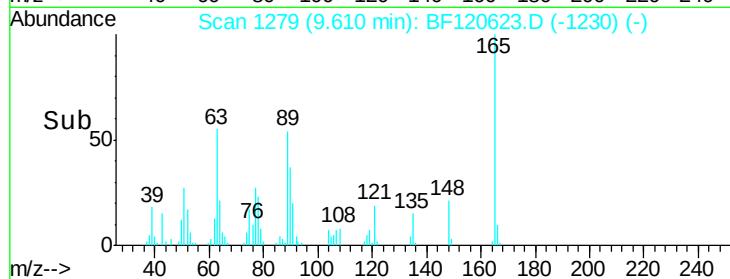
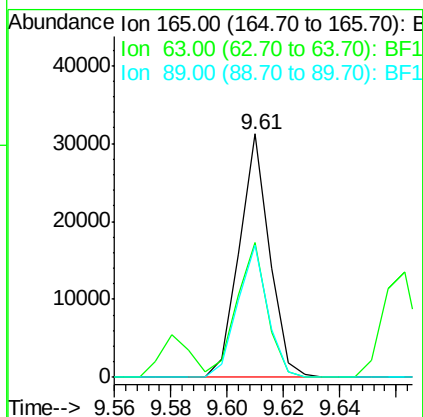
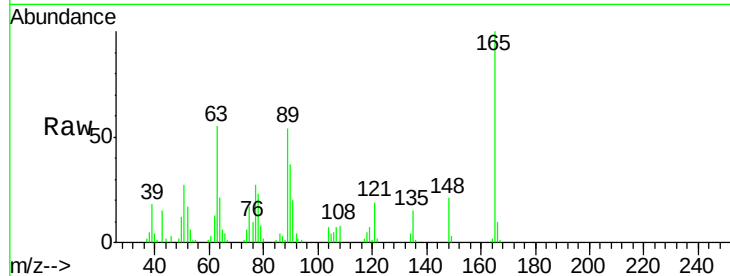
#51
 2,6-Dinitrotoluene
 Concen: 4.537 ng
 RT: 9.61 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:	165	Resp:	23155
Ion Ratio	Lower	Upper	
165	100		
63	55.2	41.7	62.5
89	54.4	42.6	64.0

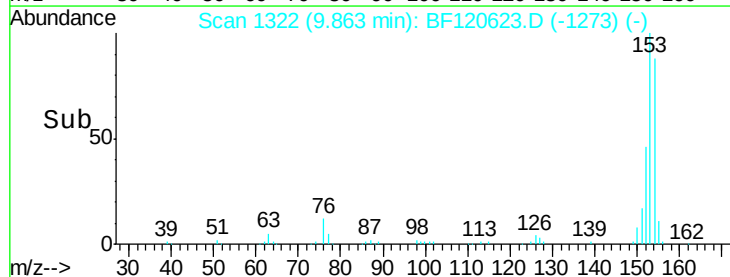
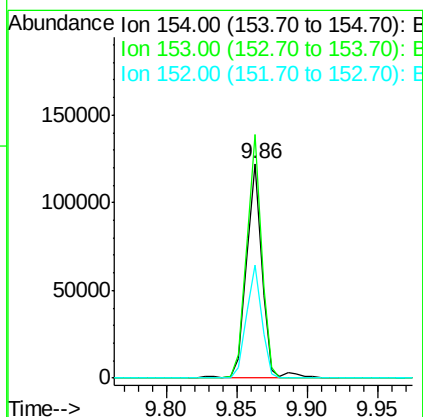
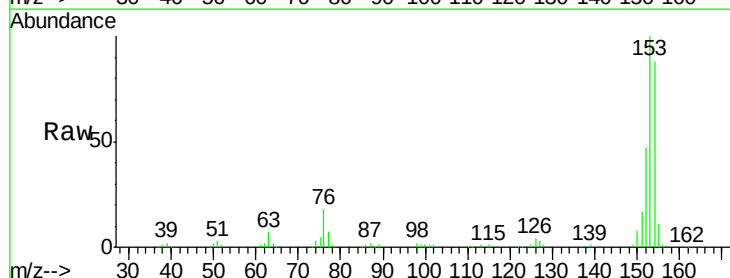
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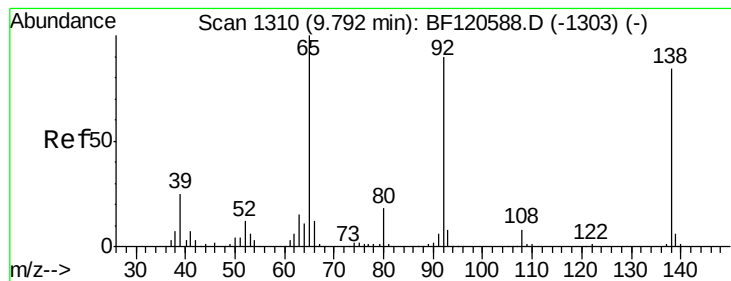
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#52
 Acenaphthene
 Concen: 5.420 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:	154	Resp:	95246
Ion Ratio	Lower	Upper	
154	100		
153	113.3	89.1	133.7
152	52.9	43.7	65.5





#53

3-Nitroaniline

Concen: 4.148 ng

RT: 9.77 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

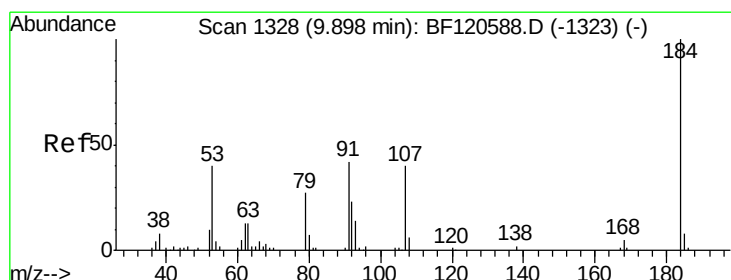
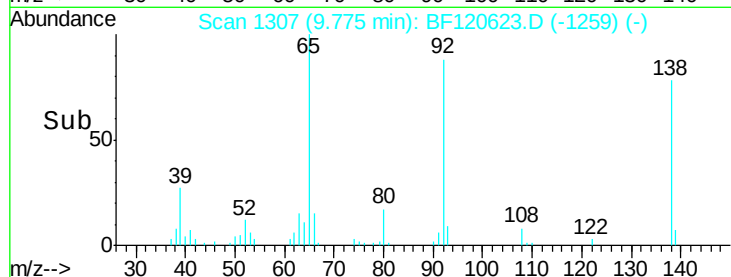
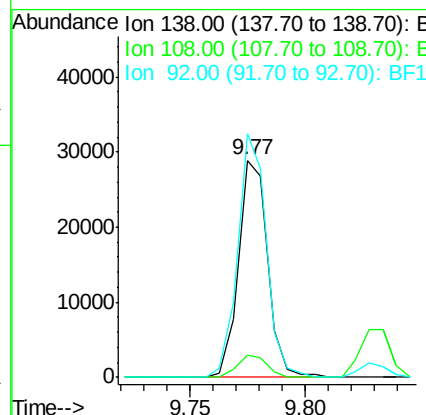
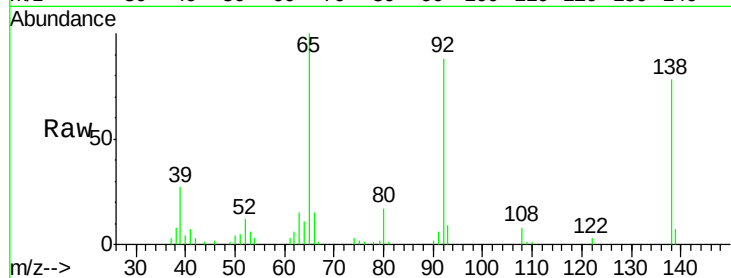
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	138	Resp:	25423
Ion Ratio	Lower	Upper	
138	100		
108	10.5	8.0	12.0
92	112.3	86.0	129.0

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#54

2,4-Dinitrophenol

Concen: 1.782 ng

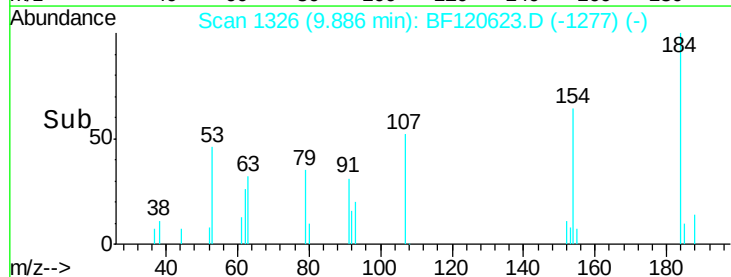
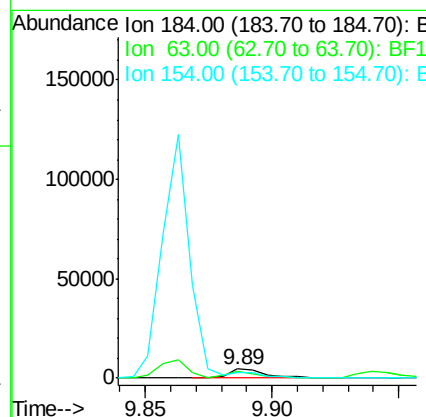
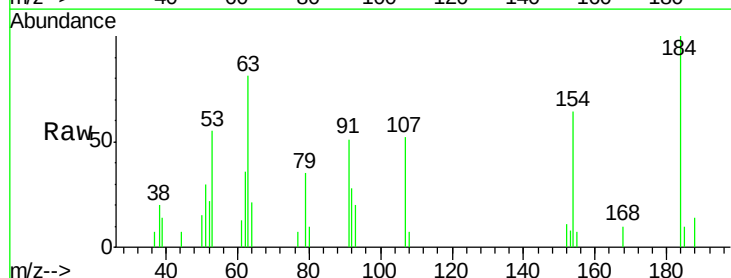
RT: 9.89 min Scan# 1326

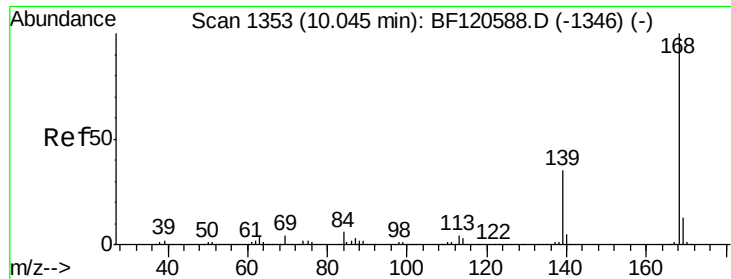
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	184	Resp:	4876
Ion Ratio	Lower	Upper	
184	100		
63	81.4	44.2	66.2#
154	64.3	45.9	68.9





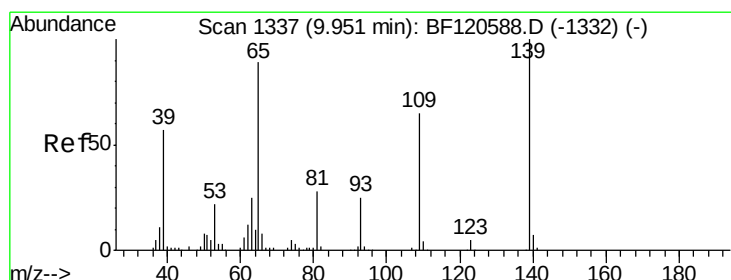
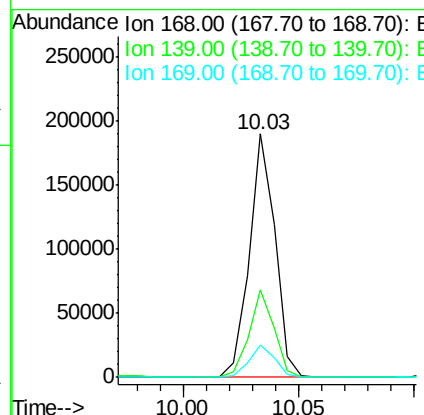
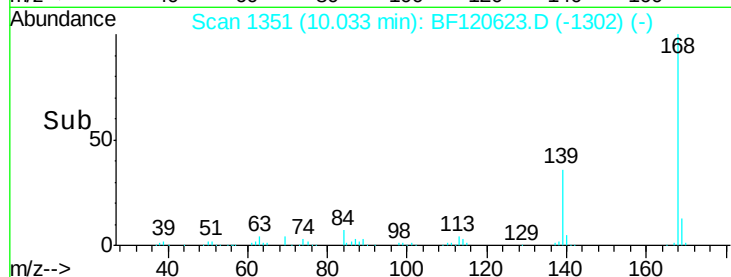
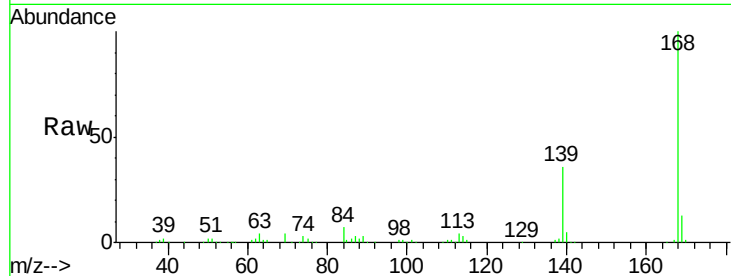
#55
Dibenzenofuran
Concen: 5.461 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100	147155		
139	36.0	28.1	42.1	
169	13.3	10.6	16.0	

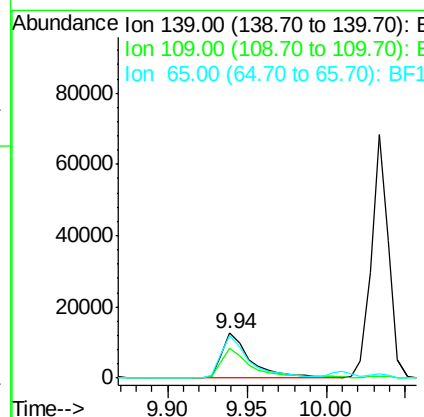
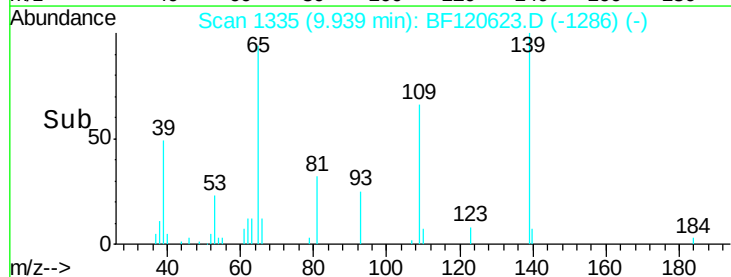
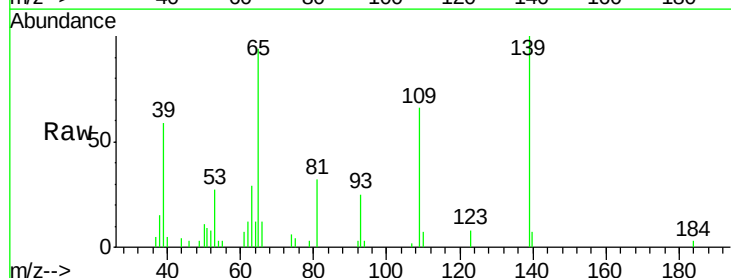
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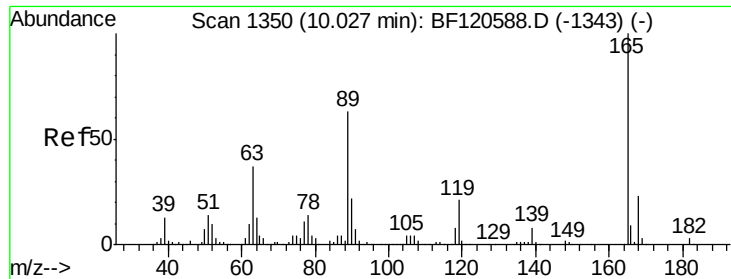
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#56
4-Nitrophenol
Concen: 3.500 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	16156		
109	65.7	44.6	84.6	
65	94.1	69.2	109.2	





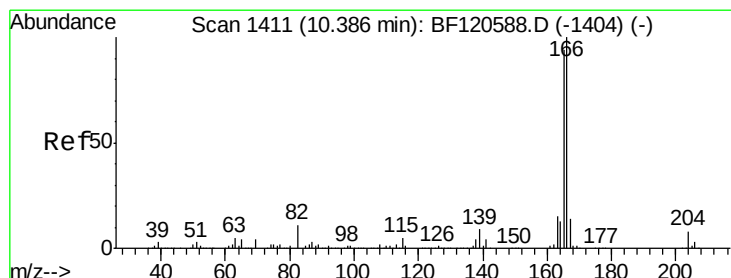
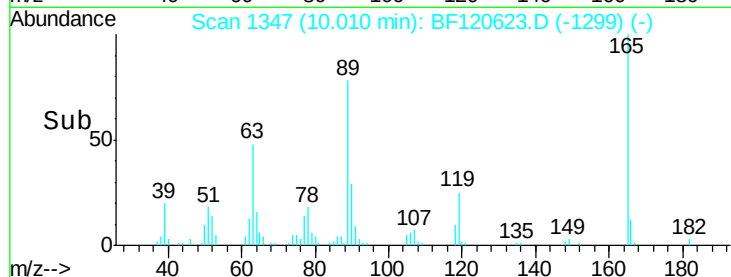
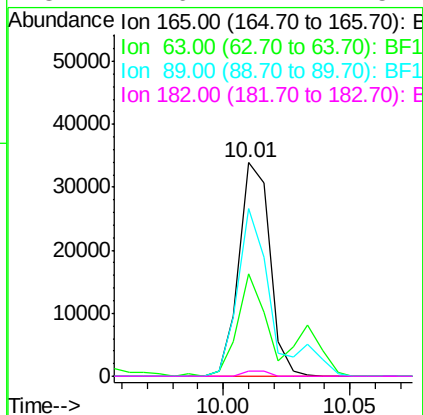
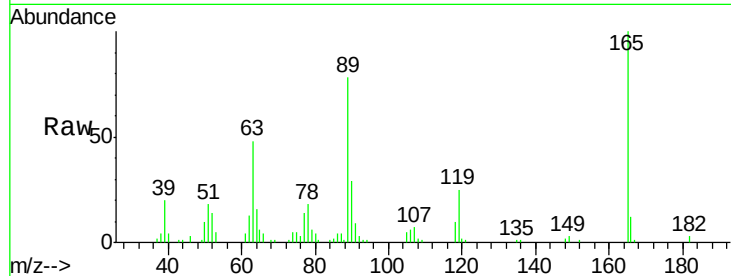
#57
2,4-Dinitrotoluene
Concen: 4.265 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	28879		
63	48.0	29.8	44.8#	
89	78.3	50.4	75.6#	
182	2.6	2.1	3.1	

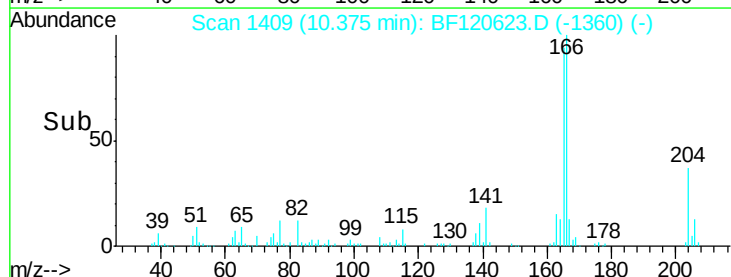
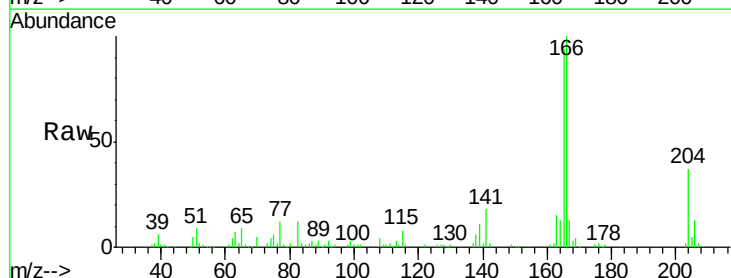
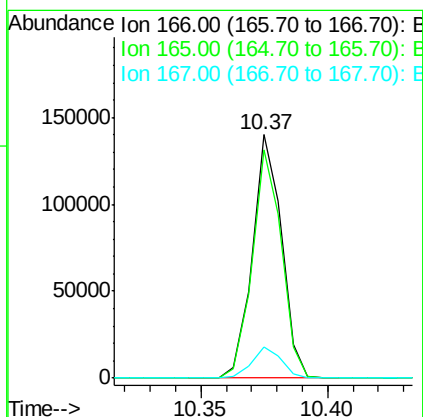
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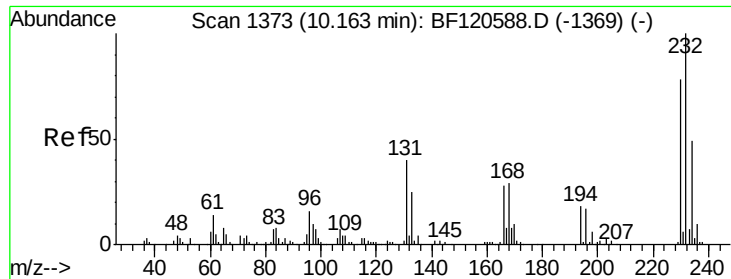
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#58
Fluorene
Concen: 5.428 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	112752		
165	94.0	75.0	112.6	
167	12.9	11.0	16.4	





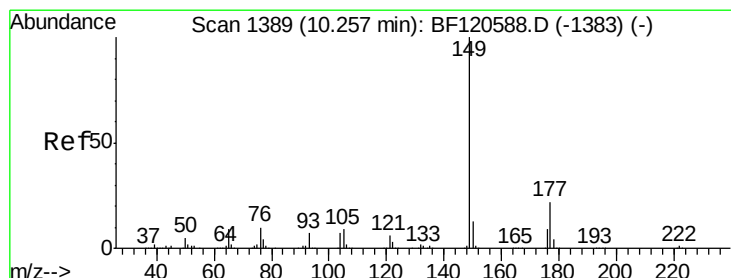
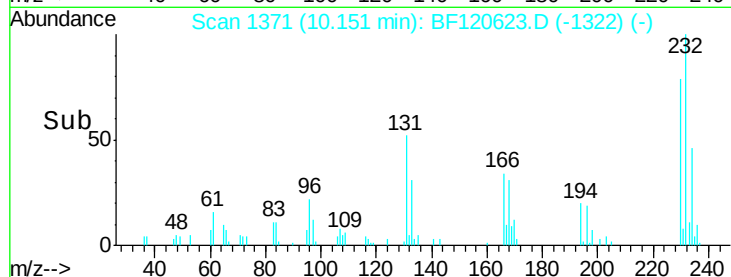
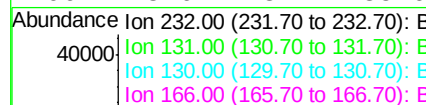
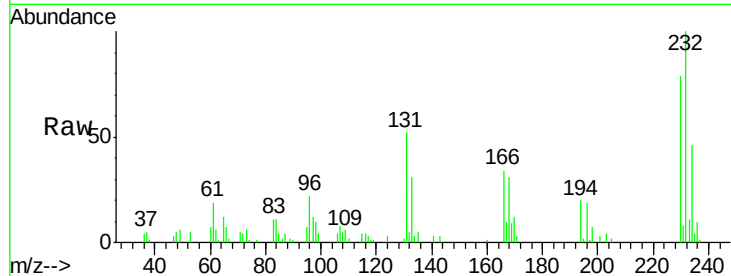
#59
2,3,4,6-Tetrachlorophenol
Concen: 4.503 ng
RT: 10.15 min Scan# 1371
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.3	33.5	50.3
130	1.8	1.5	2.3
166	28.6	23.4	35.0

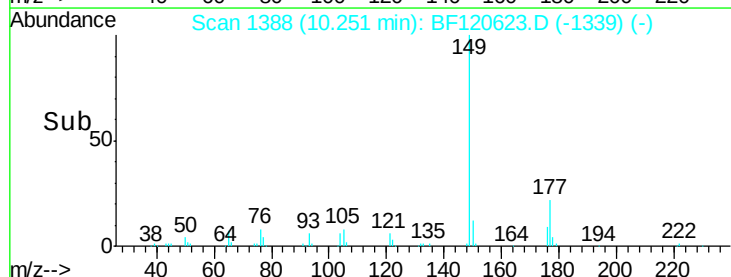
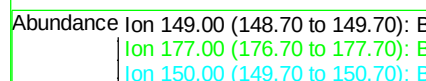
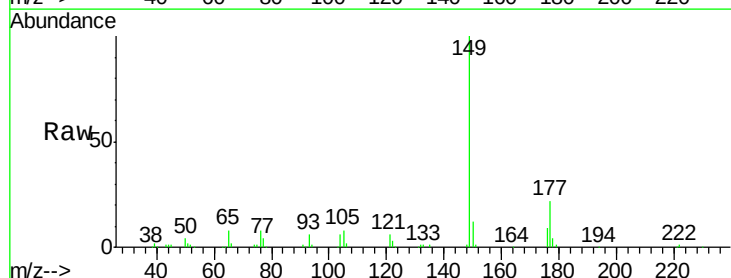
Manual Integrations
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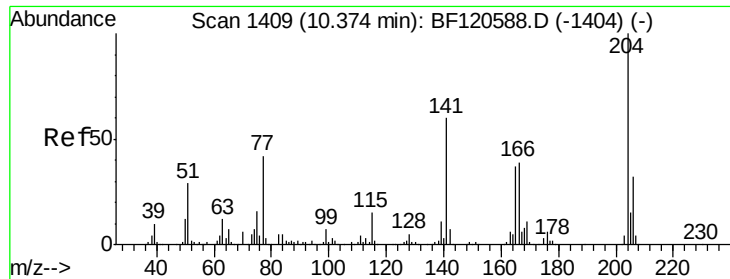
mohammad
6/16/2020 11:06:40 AM



#60
Diethylphthalate
Concen: 5.064 ng
RT: 10.25 min Scan# 1388
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.2	17.3	25.9
150	12.0	10.3	15.5





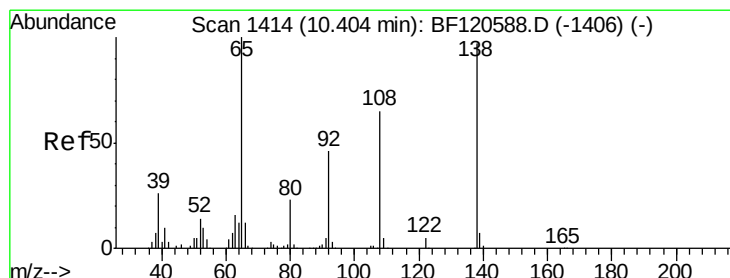
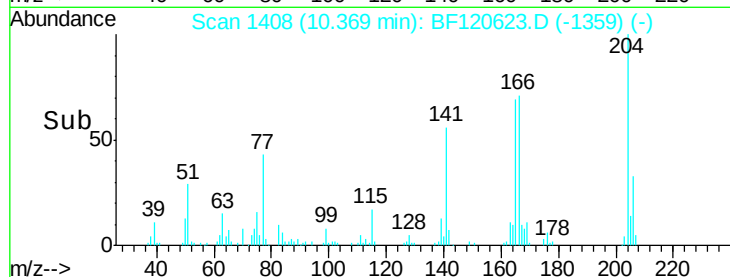
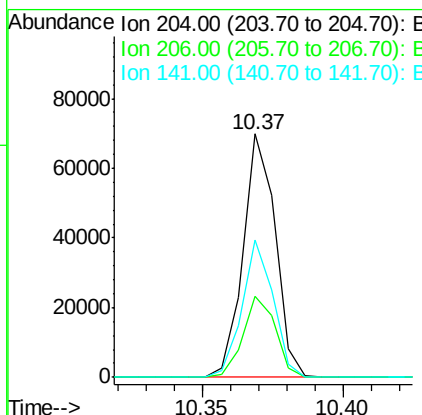
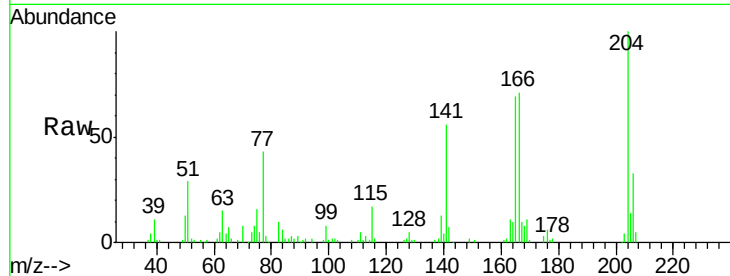
#61
4-Chlorophenyl-phenylether
Concen: 5.170 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	25.9	38.9
141	56.5	47.6	71.4

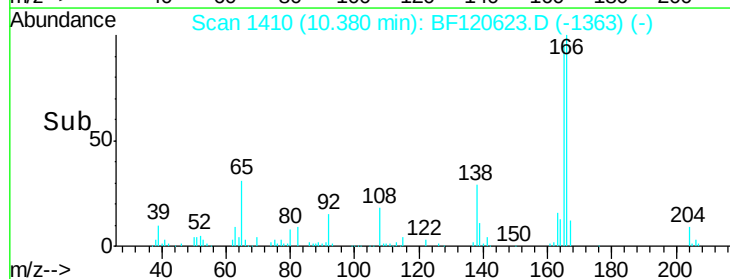
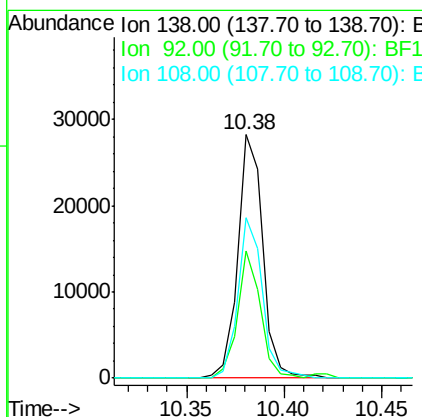
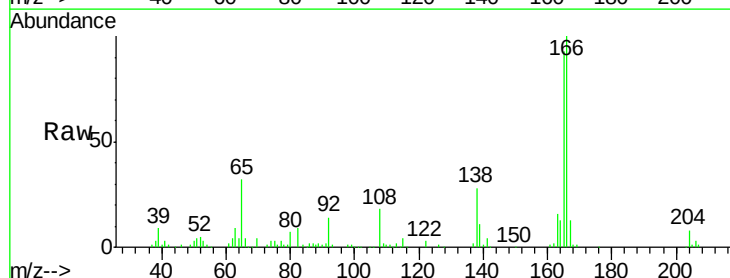
Manual Integrations
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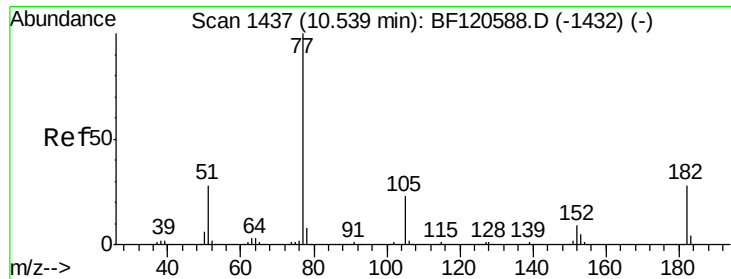
mohammad
6/16/2020 11:06:40 AM



#62
4-Nitroaniline
Concen: 4.122 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.3	27.3	67.3
108	66.0	47.4	87.4





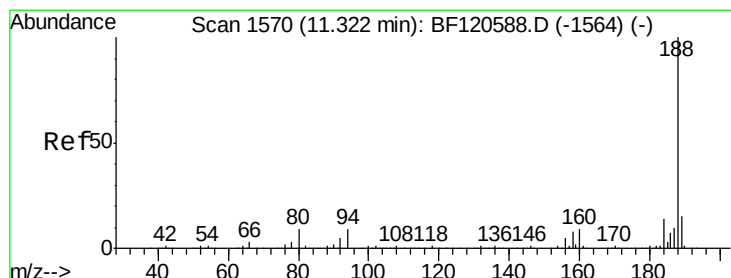
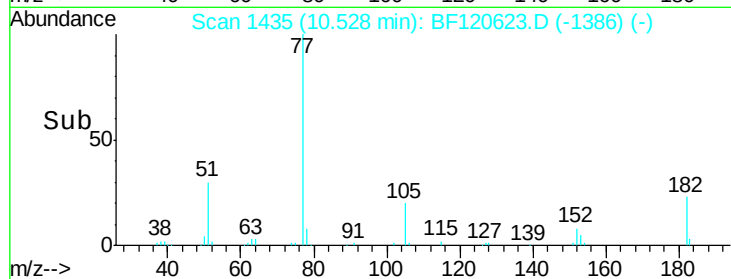
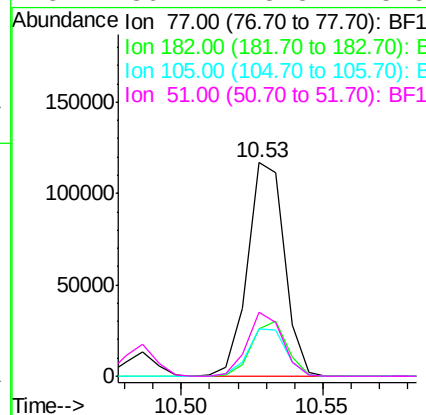
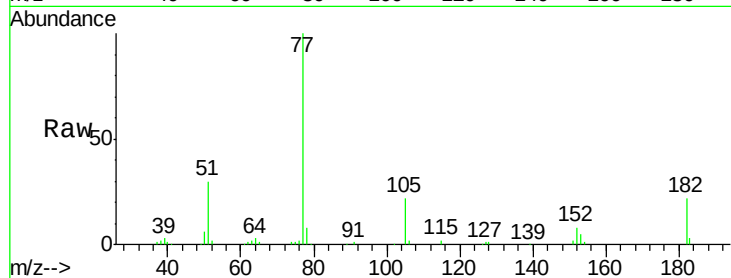
#63
Azobenzene
Concen: 5.280 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	7.7	47.7	
105	22.5	3.2	43.2	
51	30.2	8.5	48.5	

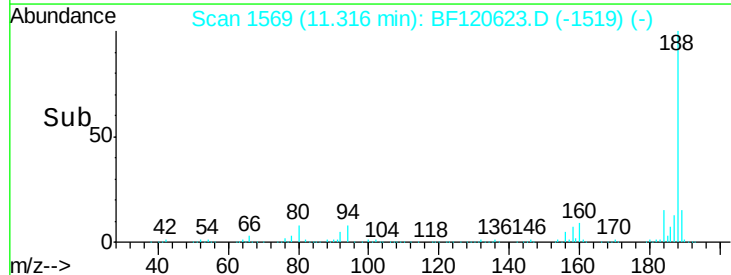
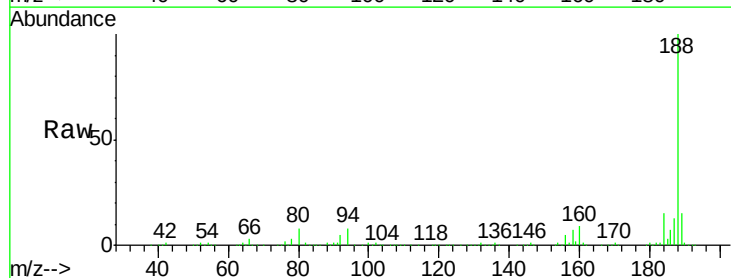
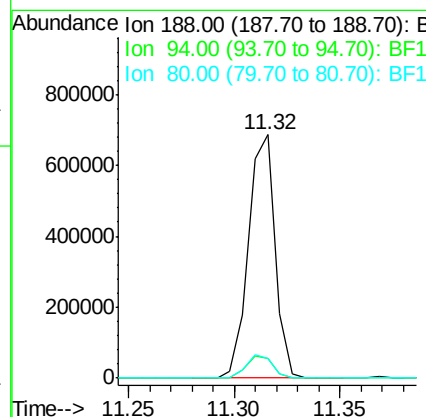
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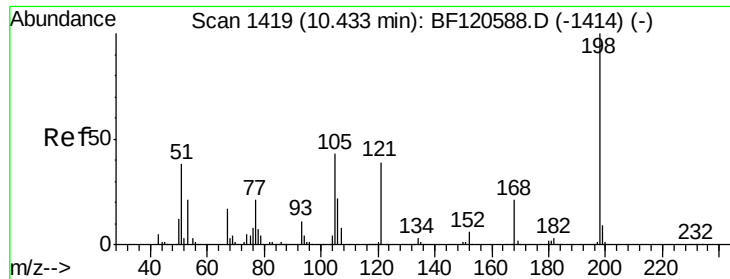
mohammad
6/16/2020 11:06:40 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.2	7.2	10.8	
80	8.3	7.4	11.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 2.870 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:198 Resp: 10346

Ion Ratio Lower Upper

198 100

51 42.4 24.8 64.8

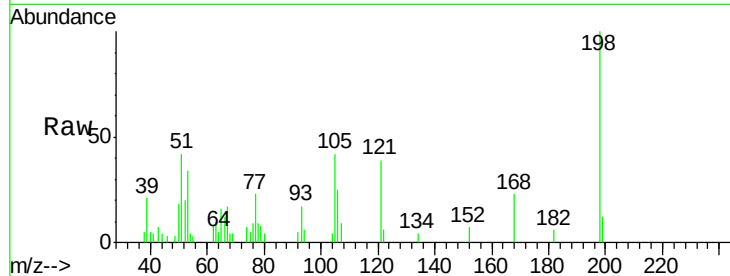
105 41.6 23.9 63.9

Manual Integrations

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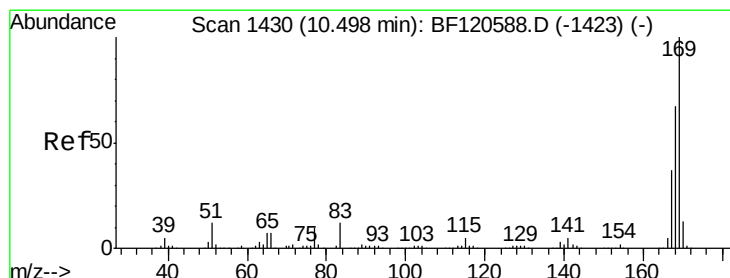
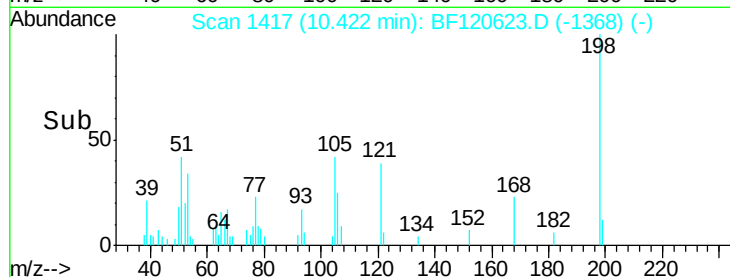
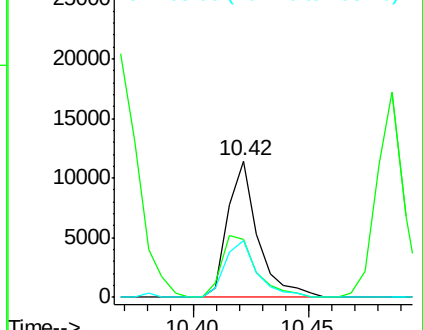
6/16/2020 11:06:40 AM



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: 5.265 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

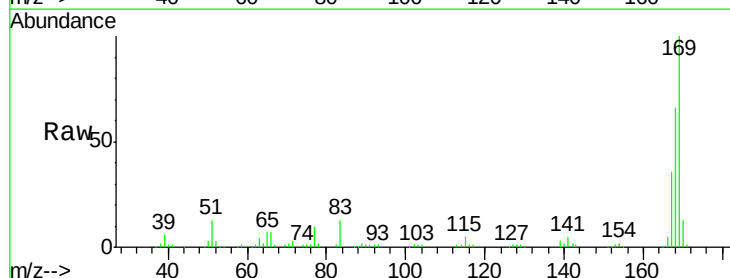
Tgt Ion:169 Resp: 97141

Ion Ratio Lower Upper

169 100

168 65.8 53.7 80.5

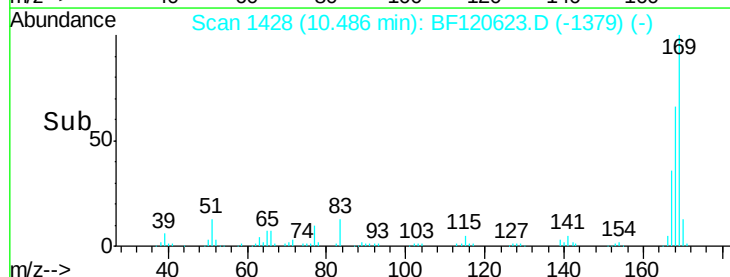
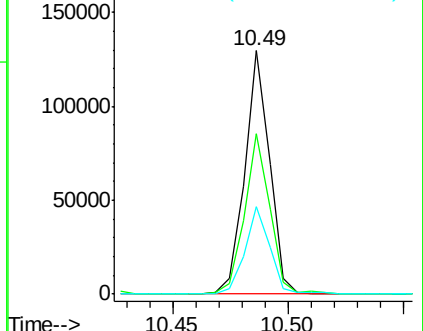
167 36.2 29.9 44.9

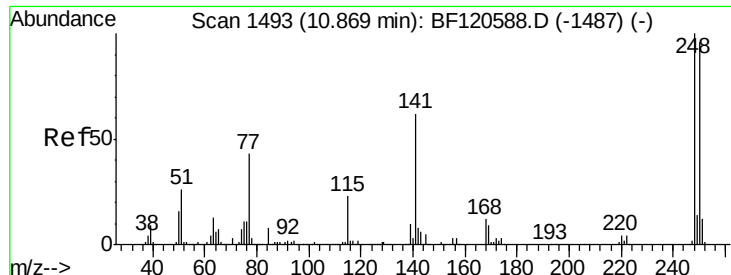


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





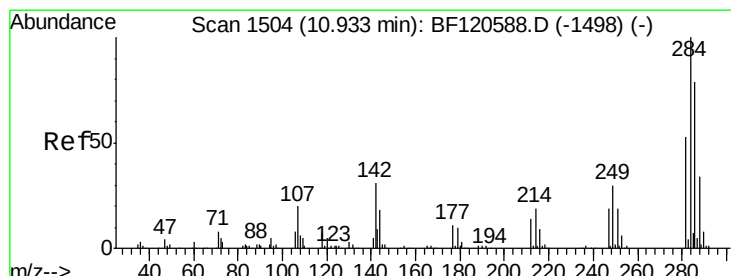
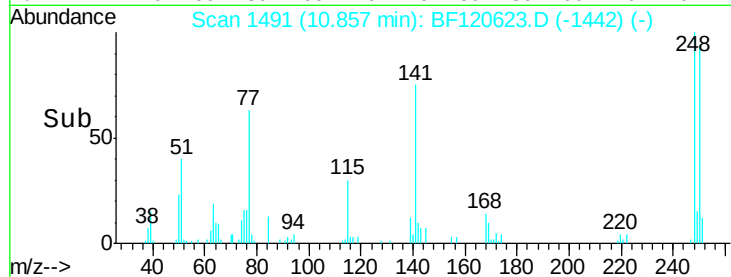
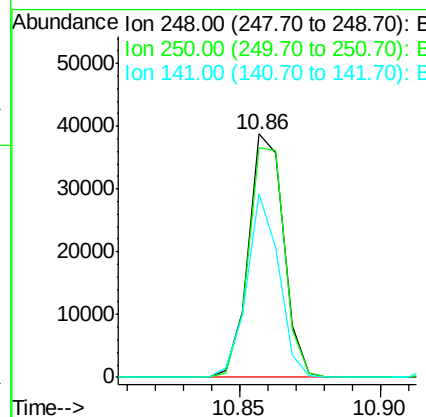
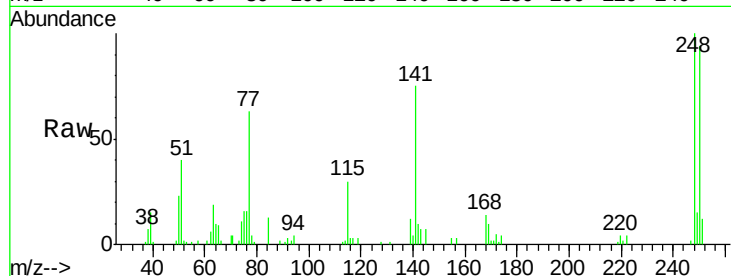
#67
 4-Bromophenyl-phenylether
 Concen: 4.907 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.2	76.7	115.1
141	75.1	49.4	74.0

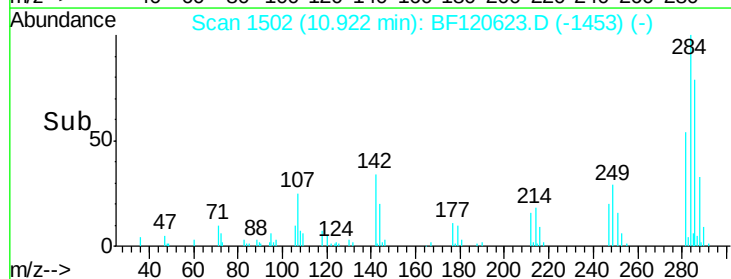
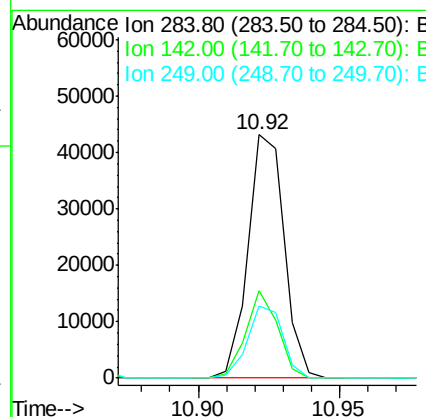
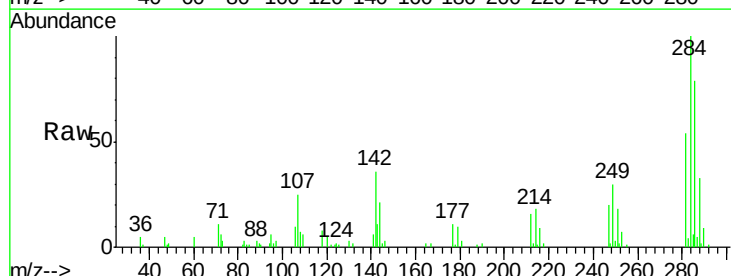
Manual Integrations
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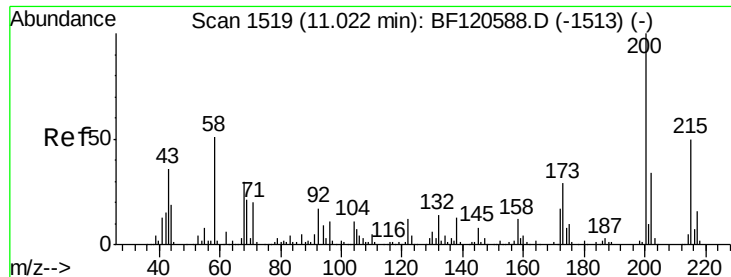
mohammad
 6/16/2020 11:06:40 AM



#68
 Hexachlorobenzene
 Concen: 5.236 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.7	25.1	37.7
249	29.5	24.0	36.0





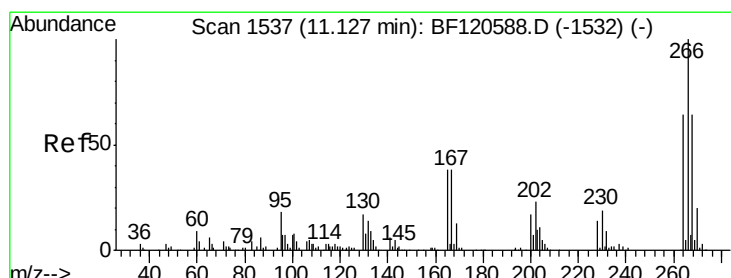
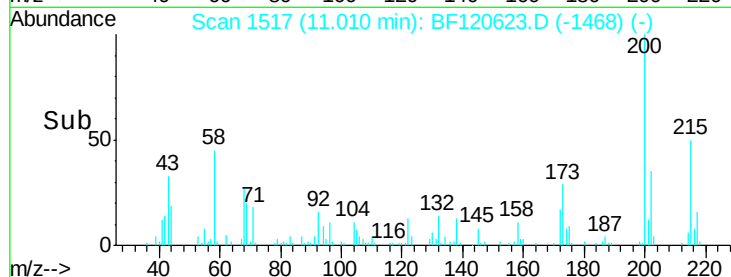
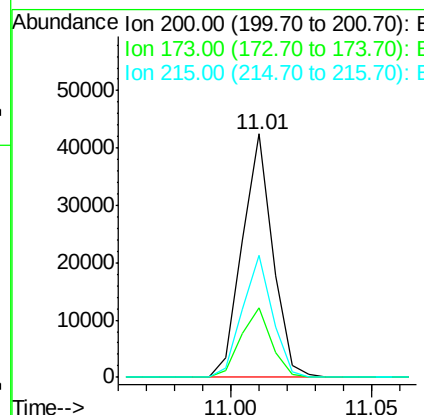
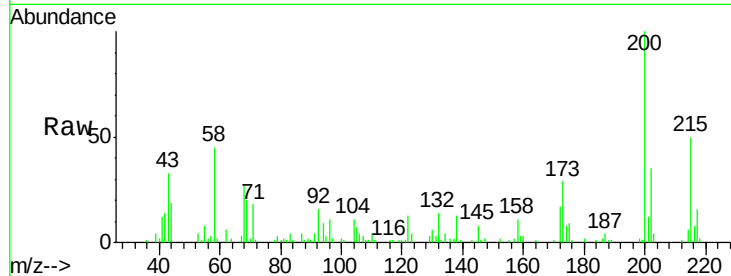
#69
Atrazine
Concen: 5.570 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.8	9.1	49.1
215	50.2	29.8	69.8

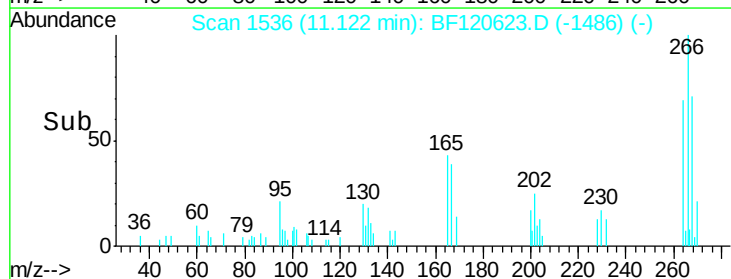
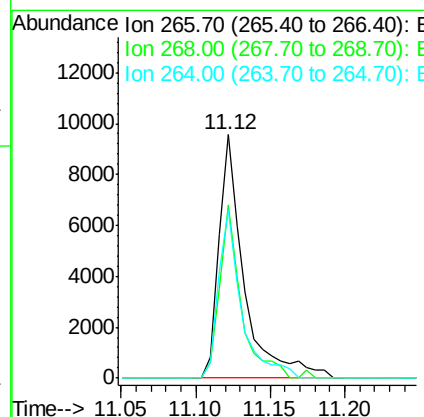
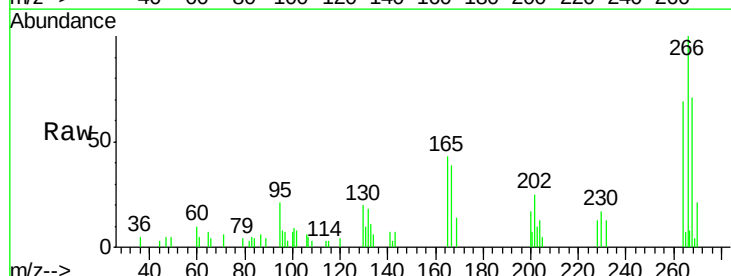
Manual Integrations
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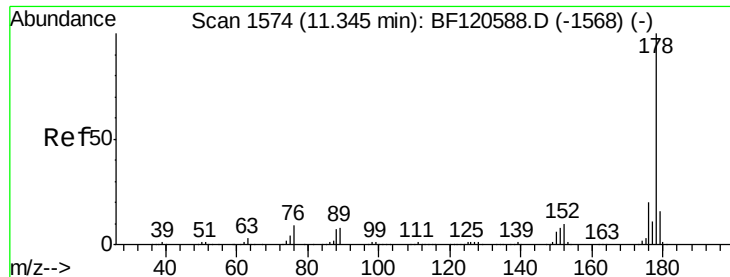
mohammad
6/16/2020 11:06:40 AM



#70
Pentachlorophenol
Concen: 2.763 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.1	51.4	77.0
264	68.9	50.8	76.2





#71

Phenanthrene

Concen: 5.539 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

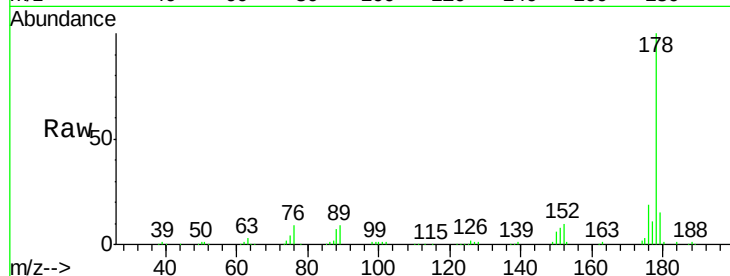
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

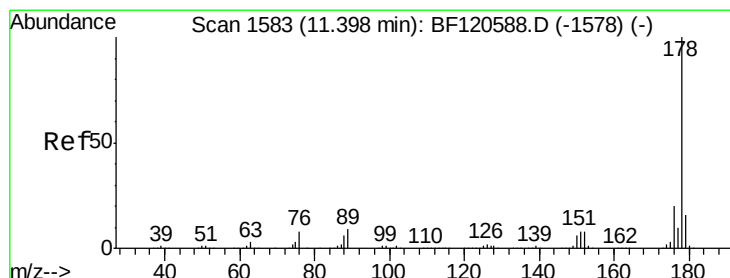
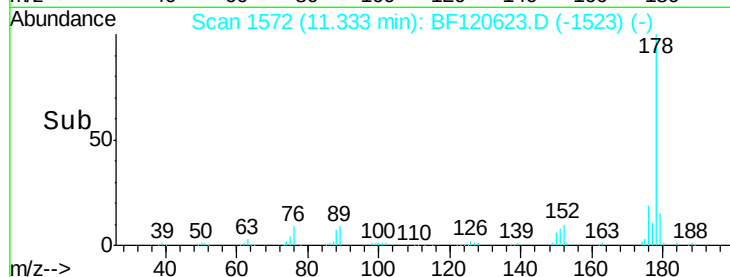
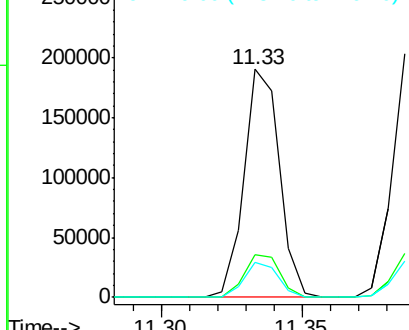
Tot Ion:	178	Resp:	165439
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.9	23.9
179	15.4	12.8	19.2

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



#72

Anthracene

Concen: 5.576 ng

RT: 11.39 min Scan# 1581

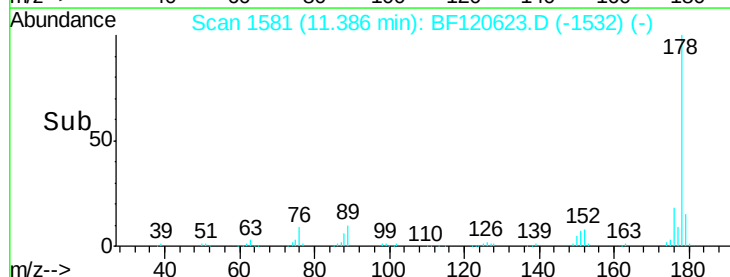
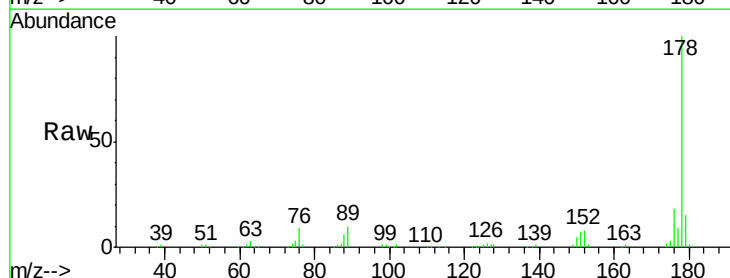
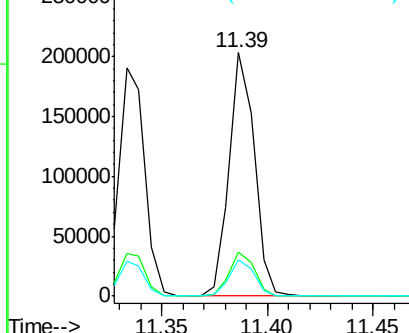
Delta R.T. -0.01 min

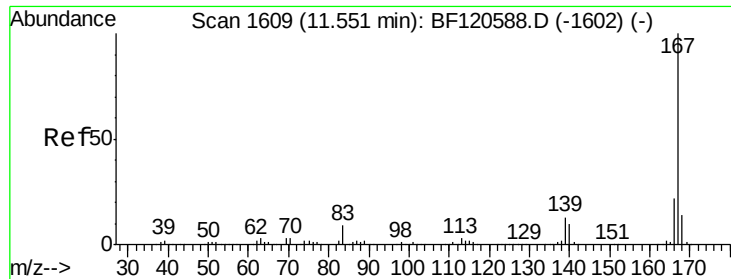
Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	178	Resp:	167851
Ion Ratio	Lower	Upper	
178	100		
176	18.3	15.6	23.4
179	15.0	12.9	19.3

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





#73

Carbazole

Concen: 5.094 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

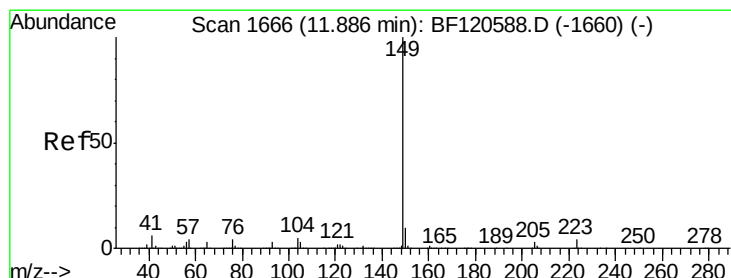
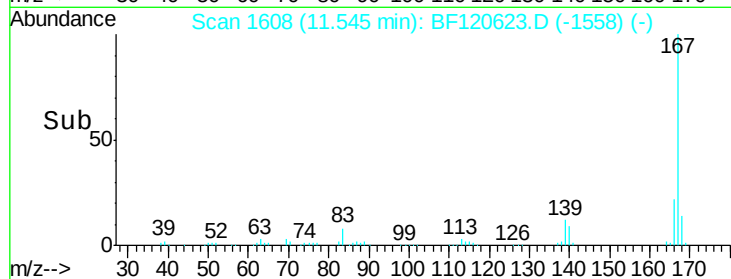
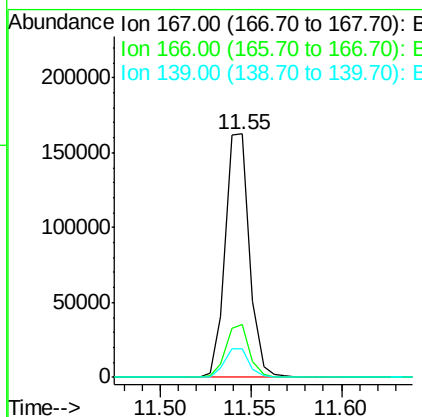
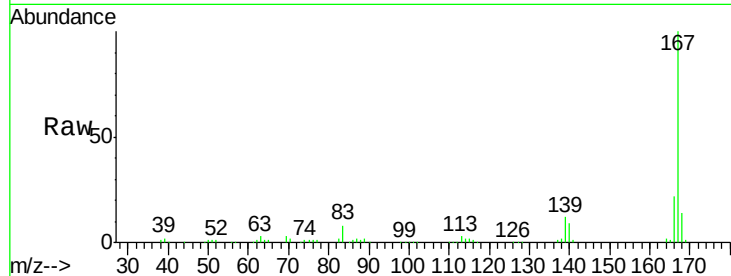
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	167	Resp:	151794
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.2	25.8
139	11.9	10.1	15.1

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#74

Di-n-butylphthalate

Concen: 5.236 ng

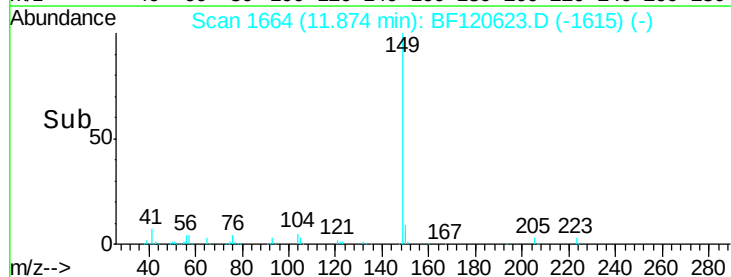
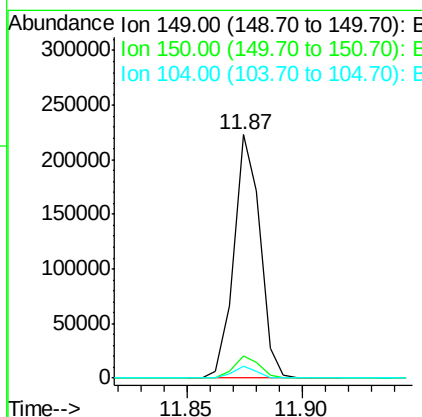
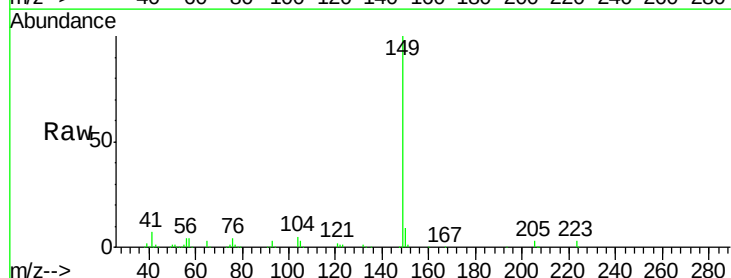
RT: 11.87 min Scan# 1664

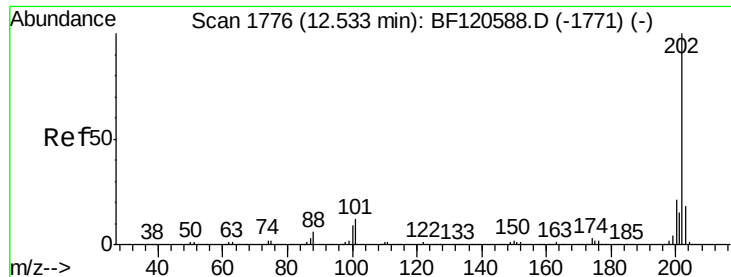
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	149	Resp:	175415
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.7	11.5
104	4.7	3.7	5.5





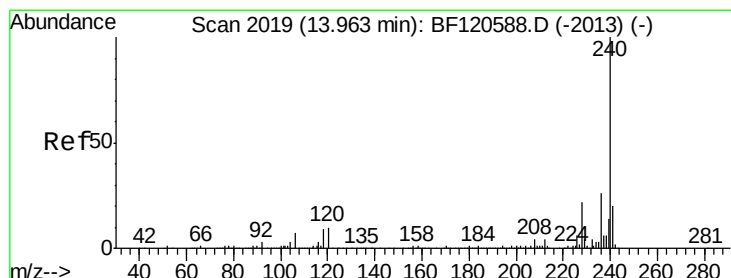
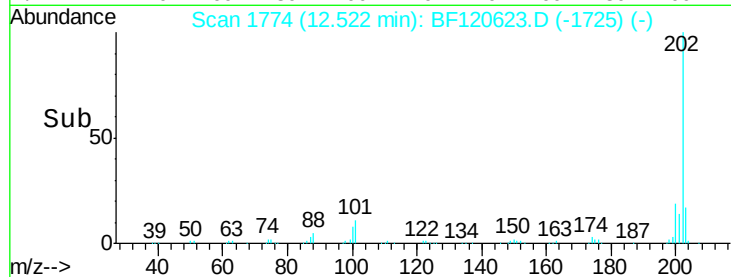
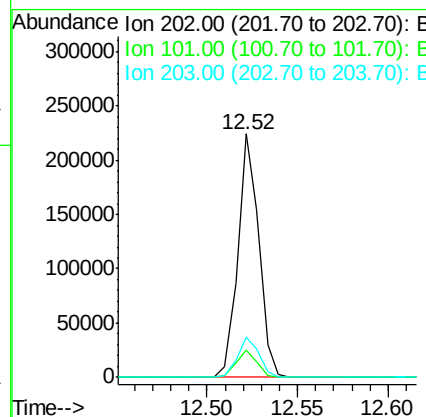
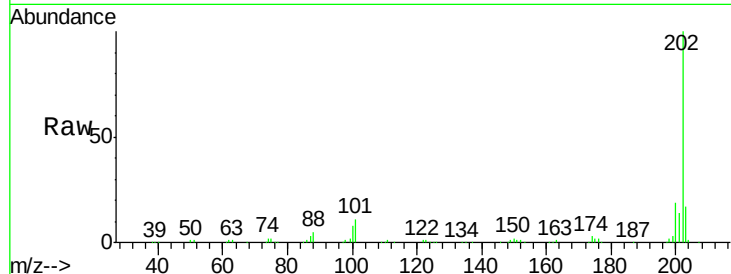
#75
 Fluoranthene
 Concen: 5.285 ng
 RT: 12.52 min Scan# 1774
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	180446		
101	11.4	0.0	32.0	
203	16.7	0.0	38.3	

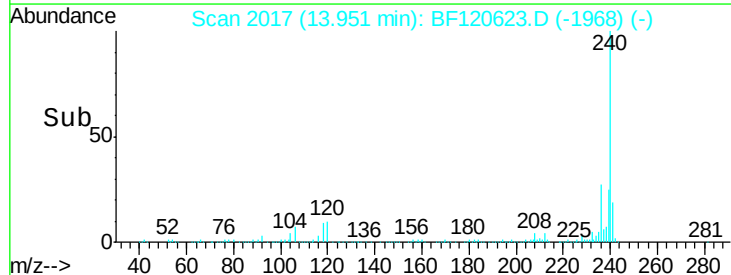
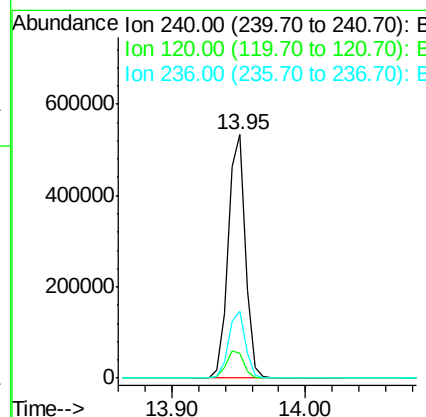
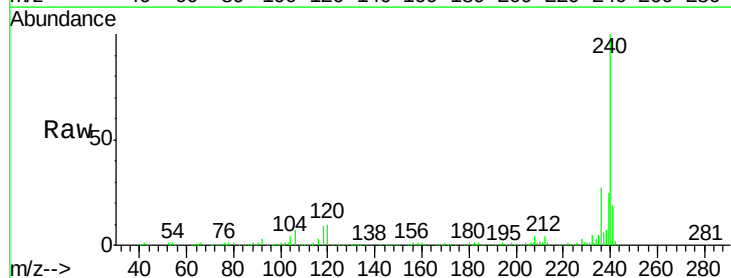
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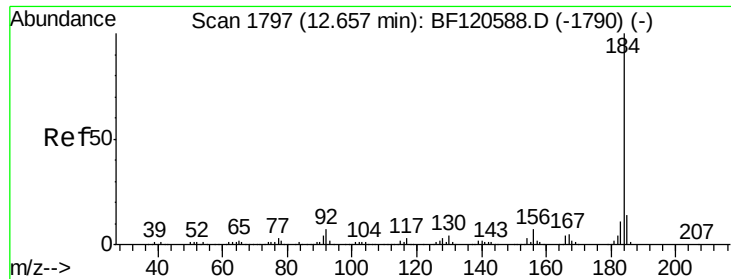
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	488541		
120	10.0	8.3	12.5	
236	27.4	21.0	31.4	





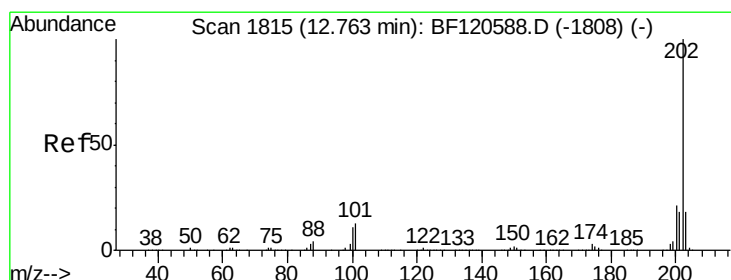
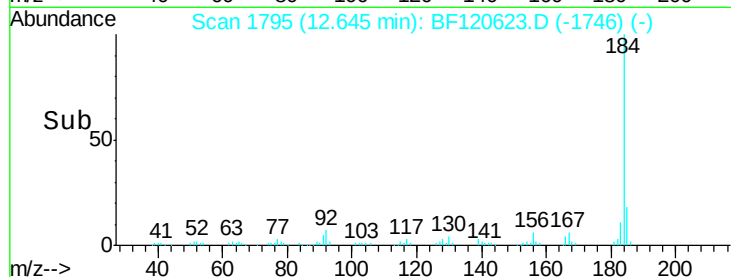
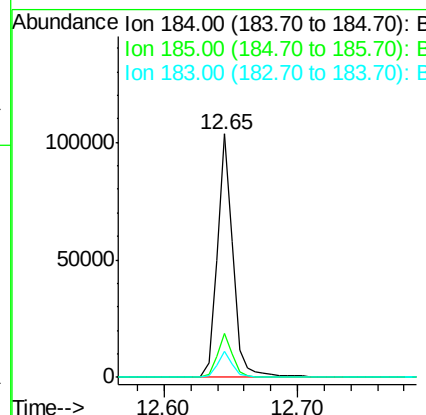
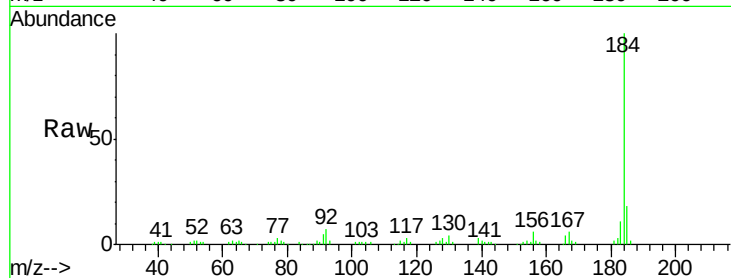
#77
Benzidine
Concen: 5.143 ng
RT: 12.65 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	18.1	11.4	17.0
183	10.6	9.0	13.6

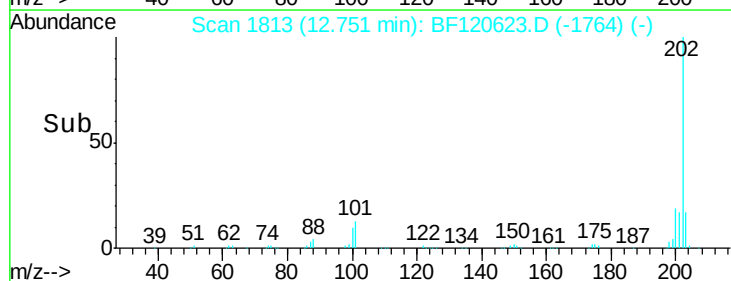
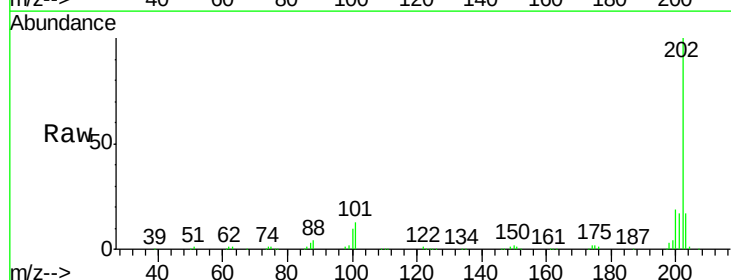
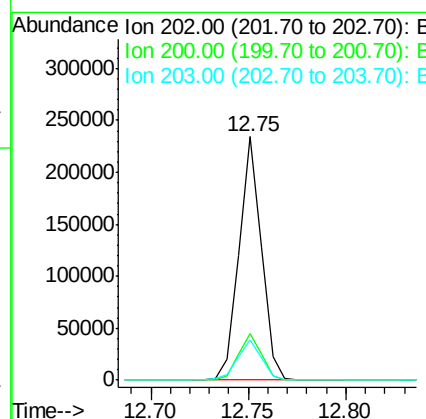
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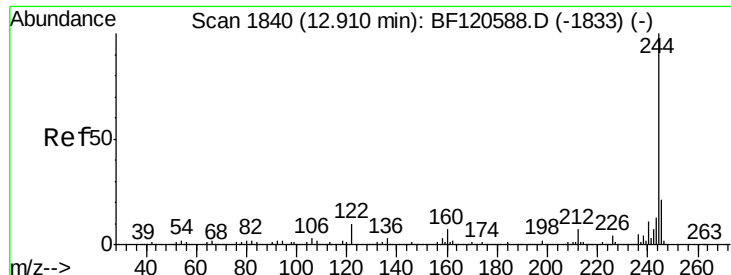
mohammad
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#78
Pyrene
Concen: 5.410 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.2	16.8	25.2
203	16.7	14.3	21.5





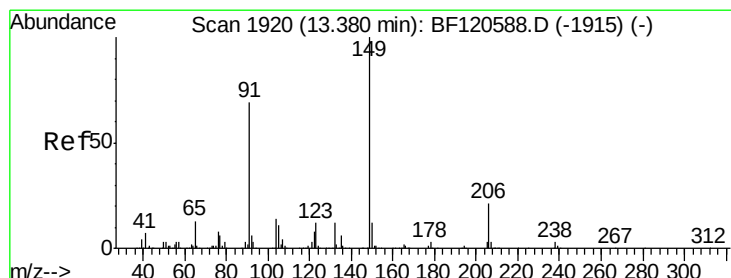
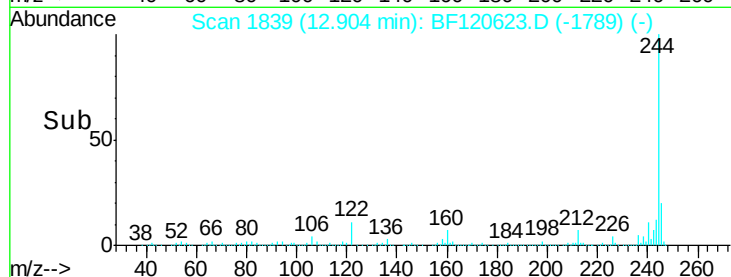
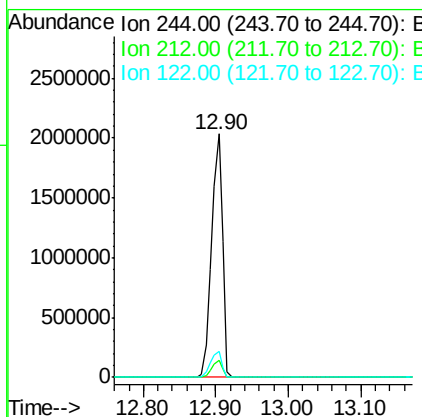
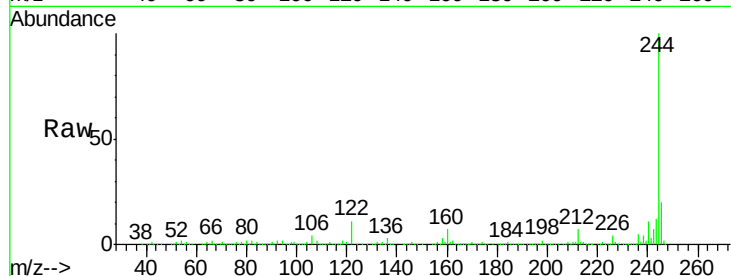
#79
 Terphenyl-d14
 Concen: 96.692 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion:244 Resp: 2138550
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.6 8.3 12.5

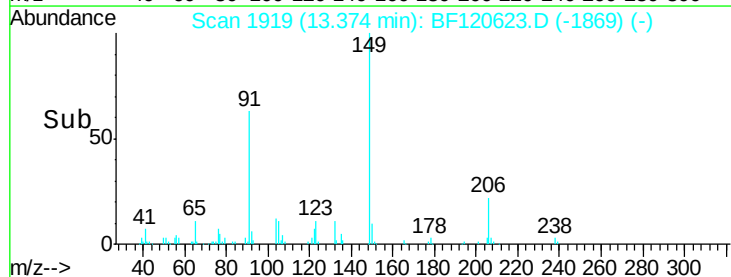
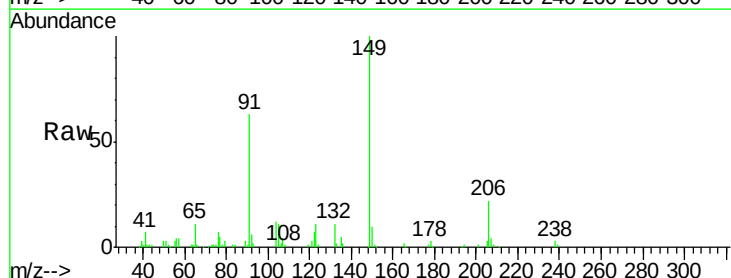
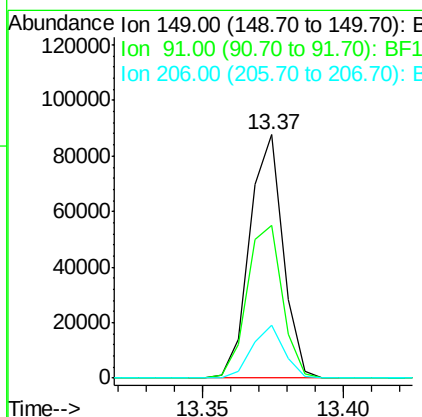
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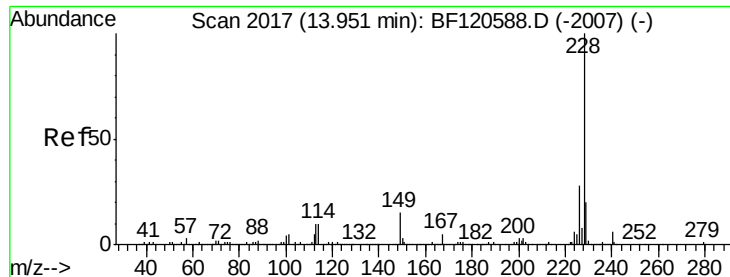
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#80
 Butylbenzylphthalate
 Concen: 4.661 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion:149 Resp: 71632
 Ion Ratio Lower Upper
 149 100
 91 62.6 55.4 83.0
 206 21.5 17.0 25.4





#81

Benzo(a)anthracene

Concen: 5.797 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

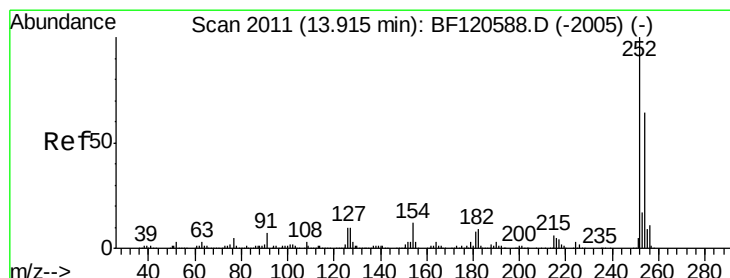
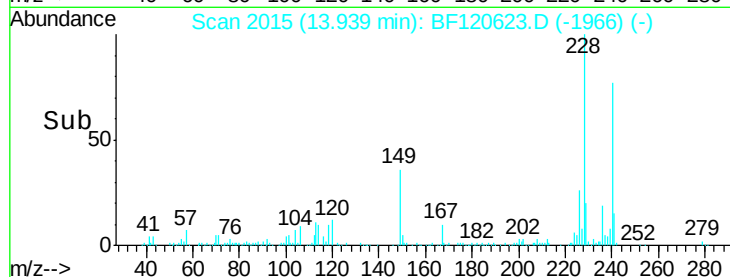
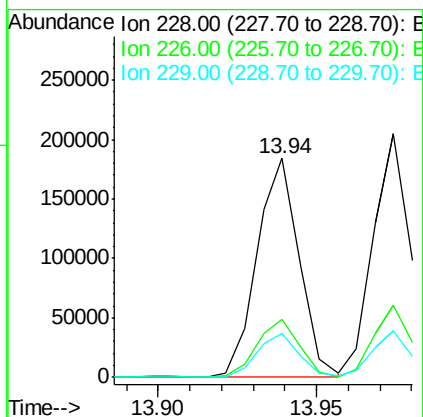
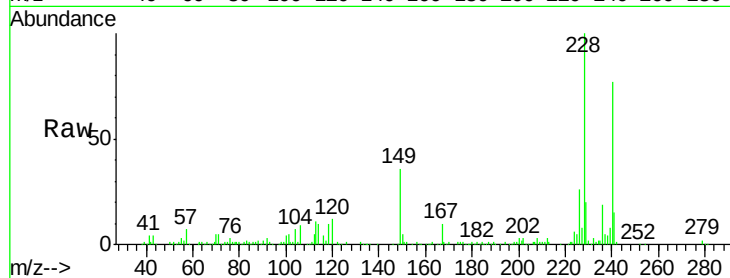
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

Tot Ion:	228	Resp:	170145
Ion Ratio		Lower	Upper
228	100		
226	26.3	22.5	33.7
229	19.8	16.1	24.1

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#82

3,3'-Dichlorobenzidine

Concen: 5.658 ng

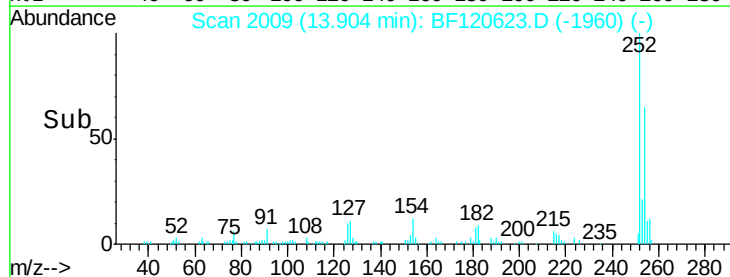
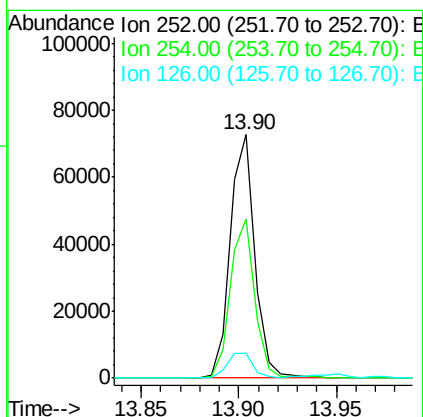
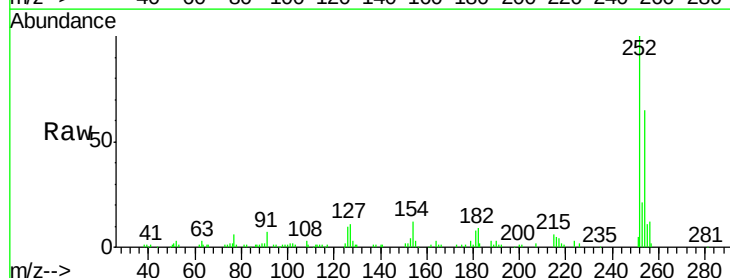
RT: 13.90 min Scan# 2009

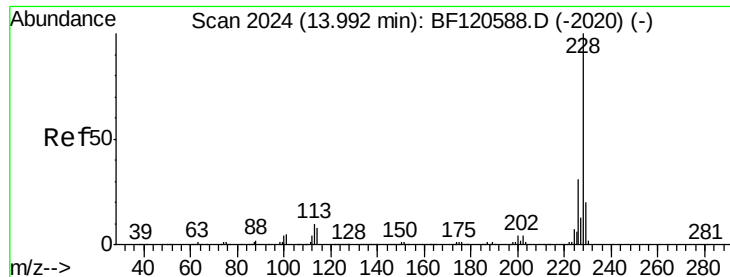
Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Tgt Ion:	252	Resp:	63431
Ion Ratio		Lower	Upper
252	100		
254	65.2	51.4	77.2
126	10.1	7.9	11.9





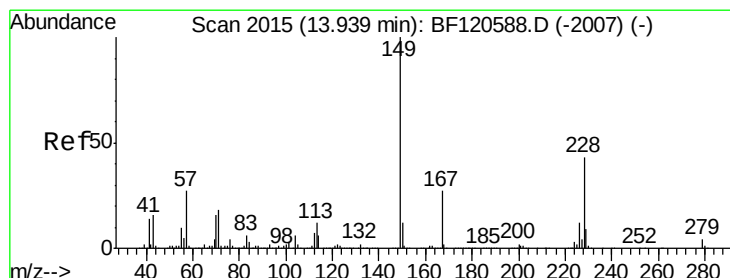
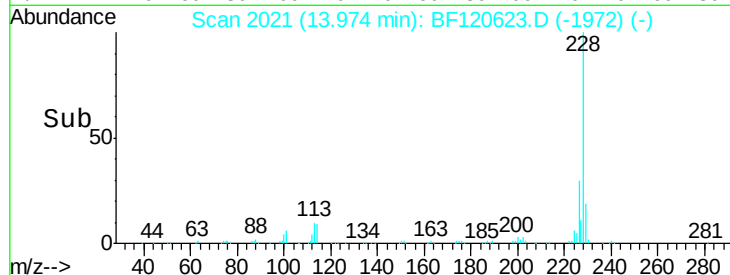
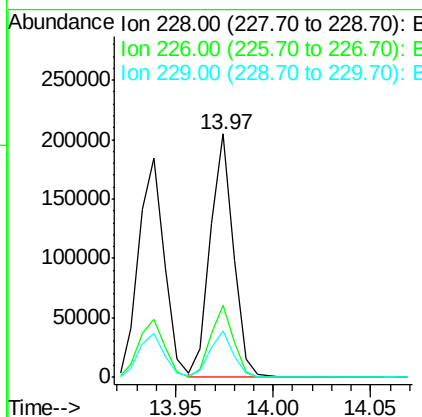
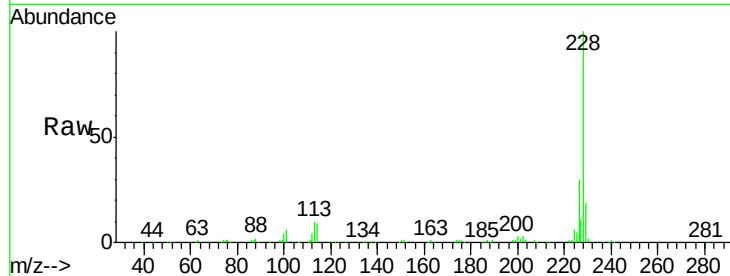
#83
Chrysene
Concen: 5.603 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.9	37.3
229	18.9	16.1	24.1

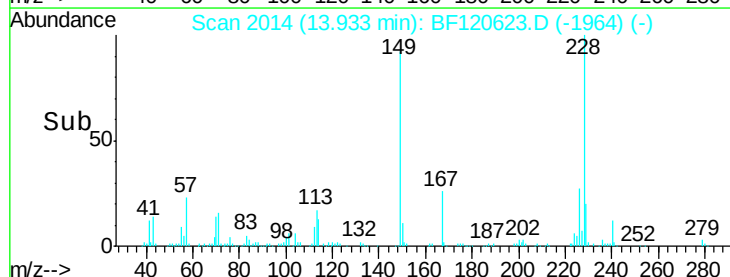
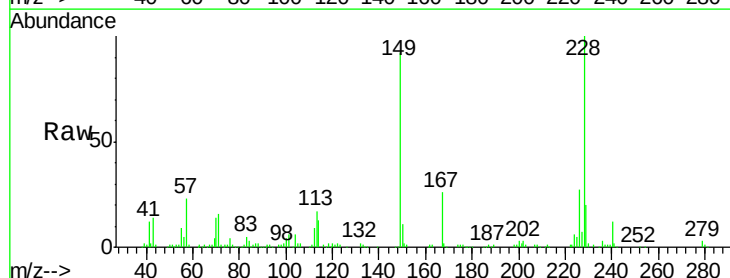
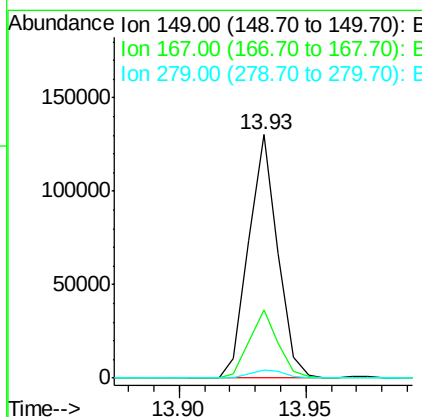
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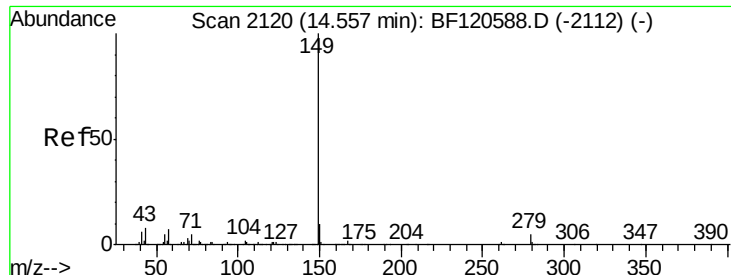
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#84
Bis(2-ethylhexyl)phthalate
Concen: 5.542 ng
RT: 13.93 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	3.5	3.0	4.6





#85

Di-n-octyl phthalate

Concen: 4.827 ng

RT: 14.54 min Scan# 2118

Delta R.T. -0.01 min

Lab File: BF120623.D

Acq: 15 Jun 2020 16:35

Instrument :

BNA_F

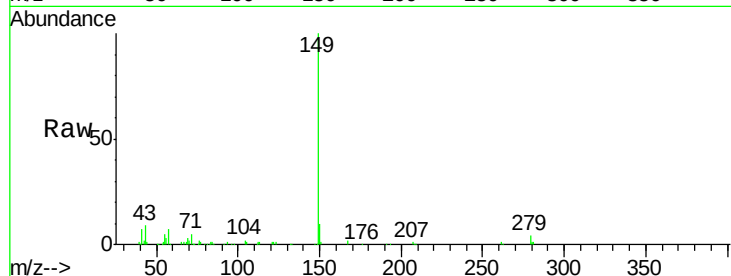
ClientSampleId :

LOD-MDL-WATER-01-QT2-2020

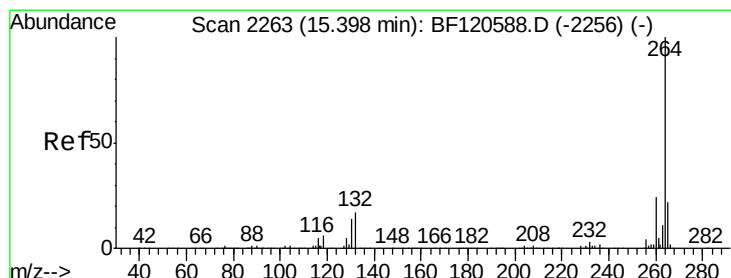
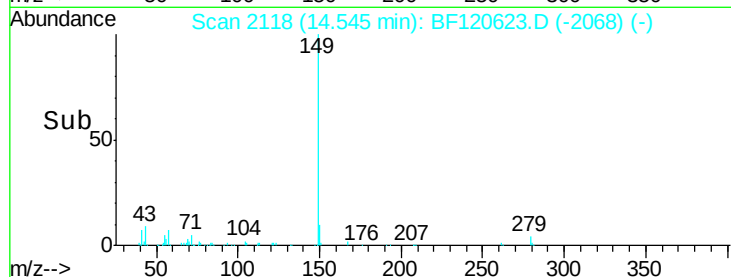
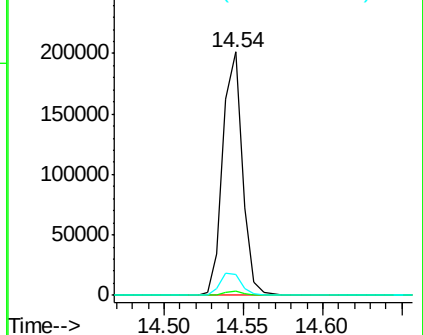
Tot Ion:	149	Resp:	172766
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	10.3	7.6	11.4

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



#86

Perylene-d12

Concen: 20.000 ng

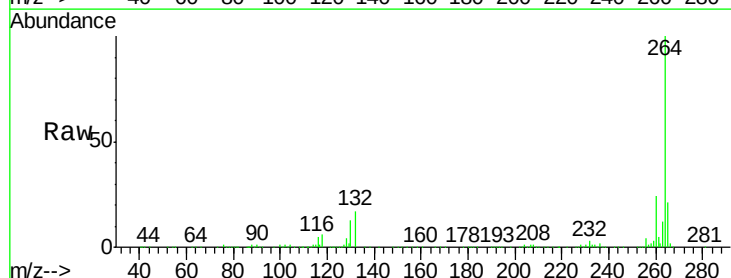
RT: 15.39 min Scan# 2261

Delta R.T. -0.01 min

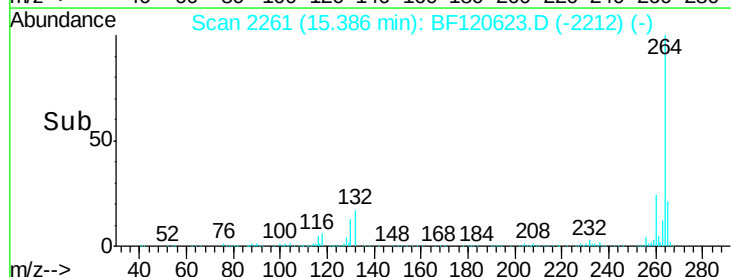
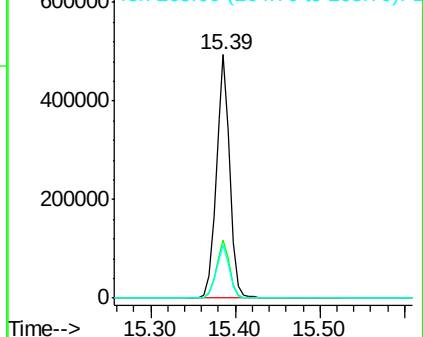
Lab File: BF120623.D

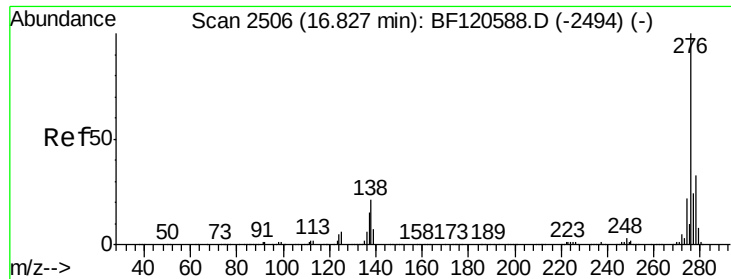
Acq: 15 Jun 2020 16:35

Tgt Ion:	264	Resp:	555860
Ion Ratio	Lower	Upper	
264	100		
260	23.6	19.3	28.9
265	21.5	17.8	26.8



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





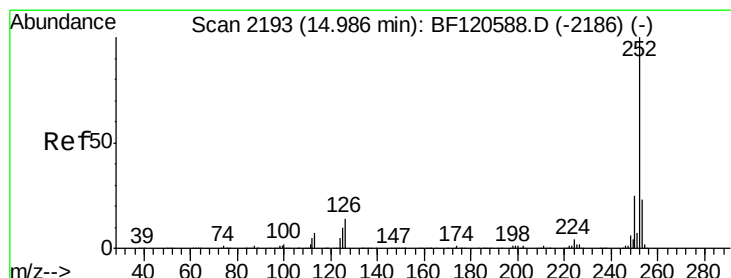
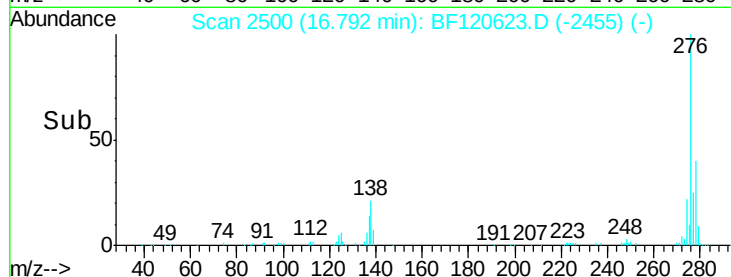
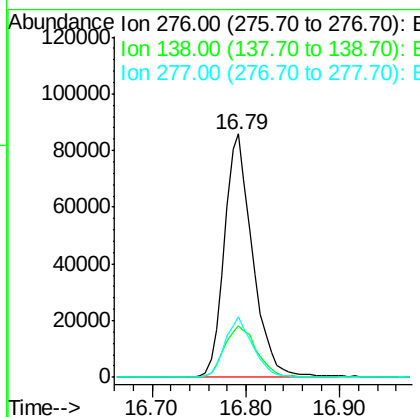
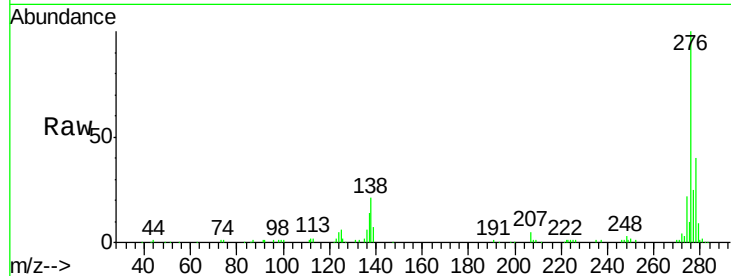
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 5.288 ng
 RT: 16.79 min Scan# 2500
 Delta R.T. -0.04 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Instrument :
 BNA_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	18.9	28.3
277	24.7	20.2	30.2

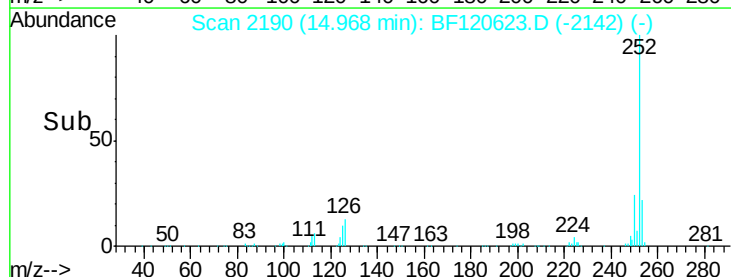
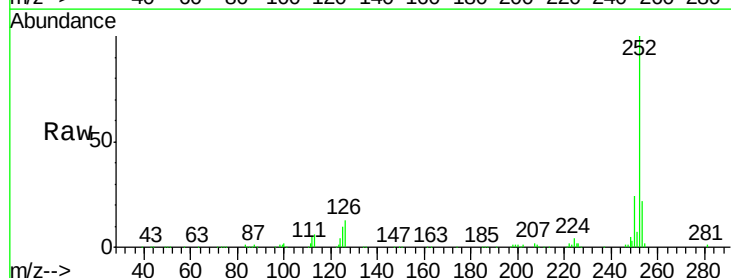
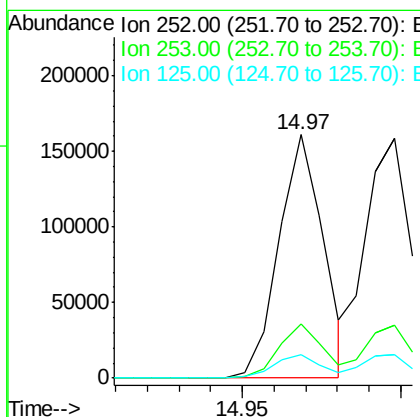
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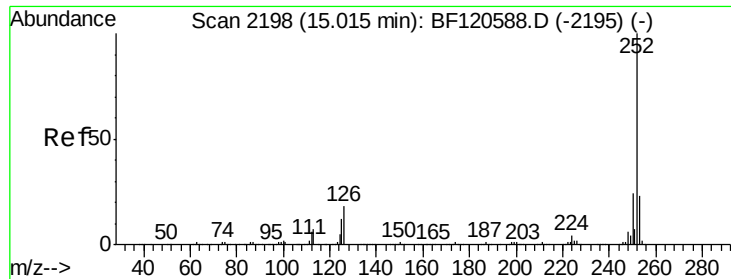
mohammad
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#88
 Benzo(b)fluoranthene
 Concen: 4.747 ng
 RT: 14.97 min Scan# 2190
 Delta R.T. -0.02 min
 Lab File: BF120623.D
 Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.1	27.1
125	9.7	8.3	12.5





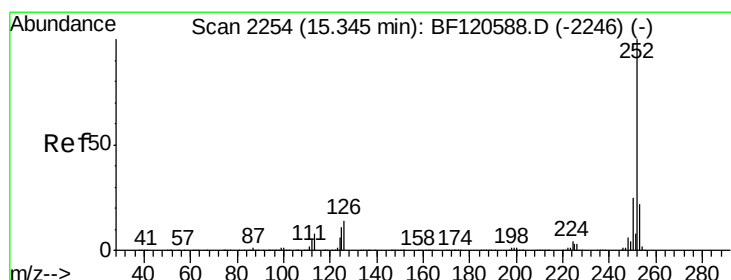
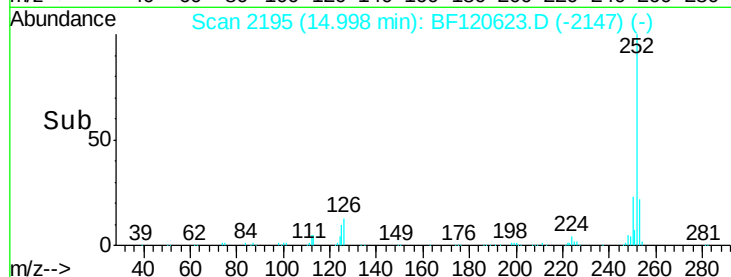
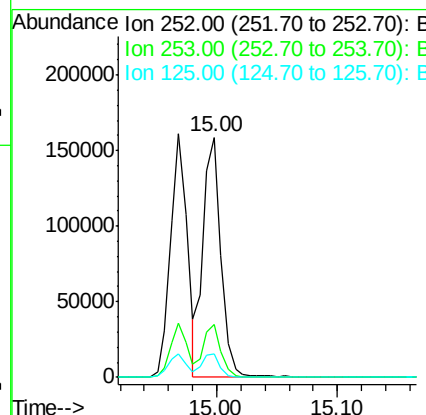
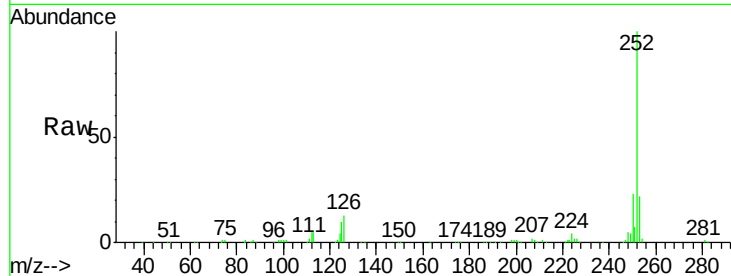
#89
Benzo(k)fluoranthene
Concen: 5.649 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.6	8.3	12.5

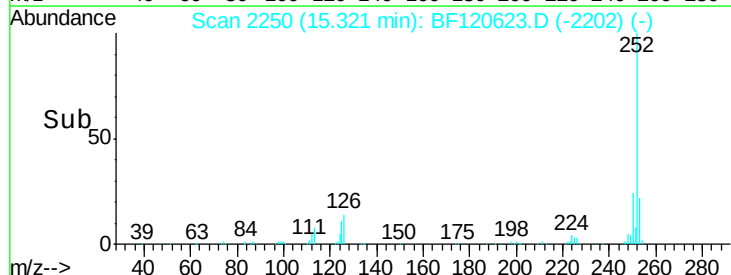
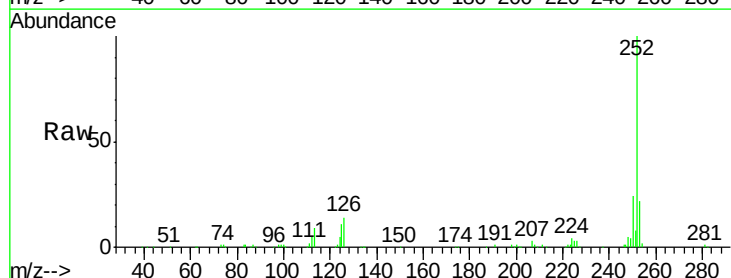
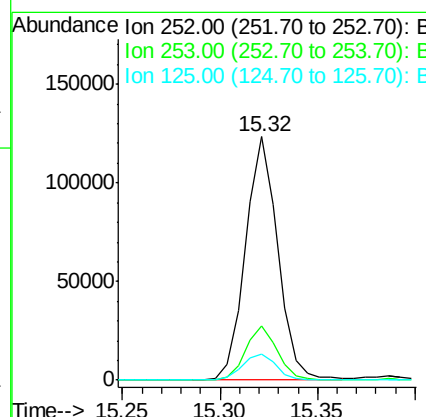
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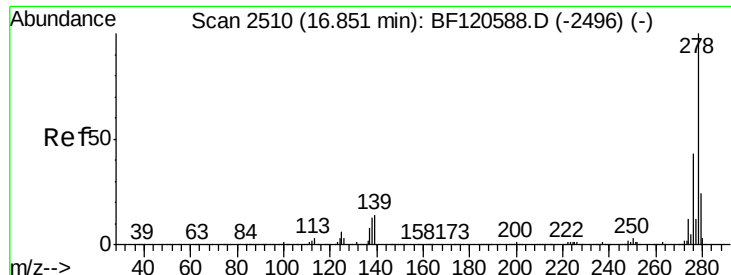
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#90
Benzo(a)pyrene
Concen: 4.778 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.8
125	10.8	8.6	12.8





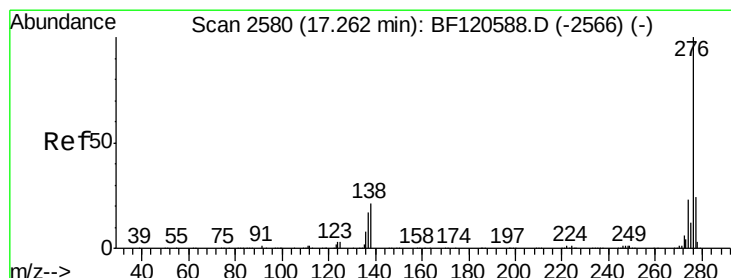
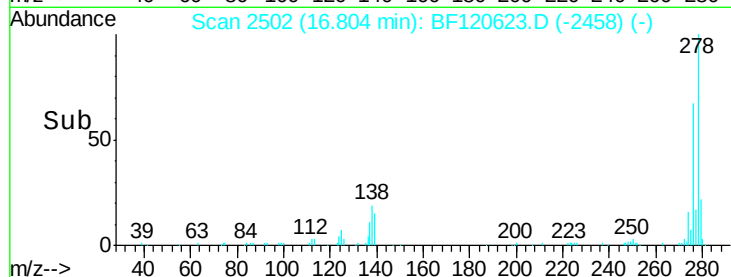
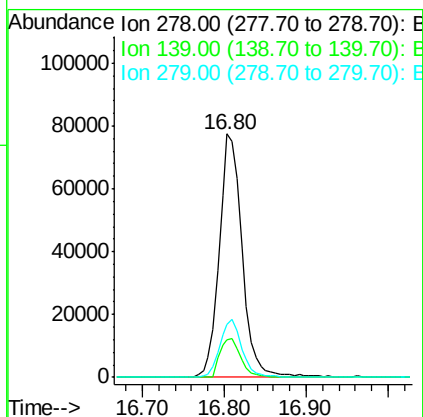
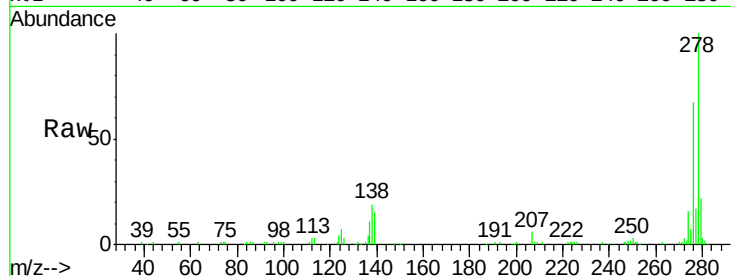
#91
Dibenzo(a,h)anthracene
Concen: 5.580 ng
RT: 16.80 min Scan# 2502
Delta R.T. -0.04 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Instrument :
BNA_F
ClientSampleId :
LOD-MDL-WATER-01-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	11.4	17.2
279	21.6	19.1	28.7

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#92
Benzo(g,h,i)perylene
Concen: 5.585 ng
RT: 17.22 min Scan# 2572
Delta R.T. -0.04 min
Lab File: BF120623.D
Acq: 15 Jun 2020 16:35

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.6	29.4
138	21.5	16.5	24.7

