

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
 Data File : BF120624.D
 Acq On : 15 Jun 2020 17:17
 Operator : JU/CG
 Sample : L2182-08
 Misc : L00-WTR-10PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Manual Integrations
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mohammad
 6/16/2020 11:06:43 AM

Quant Time: Jun 15 17:52:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 17:10:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	159494	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	581983	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	303947	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	584528	20.00	ng	0.00
76) Chrysene-d12	13.95	240	467951	20.00	ng	-0.01
86) Perylene-d12	15.39	264	527823	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1272396	136.77	ng	0.00
7) Phenol-d6	6.43	99	1599385	138.04	ng	0.00
23) Nitrobenzene-d5	7.36	82	1016855	97.66	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	496564	140.52	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1852235	93.24	ng	0.00
79) Terphenyl-d14	12.90	244	2083406	98.34	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.48	88	42803	9.708	ng	97
3) Pyridine	3.26	79	84991	6.857	ng	99
4) n-Nitrosodimethylamine	3.15	42	43254	8.409	ng	94
6) Aniline	6.46	93	147596	9.954	ng	99
8) 2-Chlorophenol	6.58	128	101936	9.697	ng	99
9) Benzaldehyde	6.35	77	84403	11.517	ng	99
10) Phenol	6.45	94	124193	10.046	ng	94
11) bis(2-Chloroethyl)ether	6.53	93	97174	9.437	ng	98
12) 1,3-Dichlorobenzene	6.74	146	110406	9.879	ng	100
13) 1,4-Dichlorobenzene	6.82	146	111740	10.134	ng	99
14) 1,2-Dichlorobenzene	6.97	146	104077	9.689	ng	98
15) Benzyl Alcohol	6.93	79	89566	10.900	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	142961	9.642	ng	99
17) 2-Methylphenol	7.05	107	79417	8.857	ng	99
18) Hexachloroethane	7.31	117	40681	10.012	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	70039	10.421	ng	99
20) 3+4-Methylphenols	7.20	107	102925	9.186	ng	# 83
22) Acetophenone	7.20	105	144860	11.133	ng	96
24) Nitrobenzene	7.37	77	106749	9.797	ng	94
25) Isophorone	7.61	82	188877	9.313	ng	94
26) 2-Nitrophenol	7.69	139	50086	8.689	ng	96
27) 2,4-Dimethylphenol	7.73	122	70353	8.289	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	120570	10.255	ng	99
29) 2,4-Dichlorophenol	7.93	162	81643	9.464	ng	98
30) 1,2,4-Trichlorobenzene	8.02	180	93629	9.793	ng	99
31) Naphthalene	8.10	128	304462	10.654	ng	100
32) Benzoic acid	7.80	122	34857m	5.353	ng	
33) 4-Chloroaniline	8.15	127	125257	9.549	ng	99
34) Hexachlorobutadiene	8.22	225	55412	9.943	ng	98
35) Caprolactam	8.48	113	26723	9.685	ng	# 83
36) 4-Chloro-3-methylphenol	8.62	107	84076	9.755	ng	95
37) 2-Methylnaphthalene	8.79	142	203086	10.886	ng	99
38) 1-Methylnaphthalene	8.89	142	193038	10.997	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	97788	10.775	ng	100

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 QLast Update : Mon Jun 15 17:10:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	36803	7.237	ng	98
43) 2,4,6-Trichlorophenol	9.07	196	58134	9.030	ng	98
44) 2,4,5-Trichlorophenol	9.10	196	61668	8.443	ng	97
46) 1,1'-Biphenyl	9.25	154	261878	11.539	ng	97
47) 2-Chloronaphthalene	9.28	162	190491	10.264	ng	97
48) 2-Nitroaniline	9.37	65	51986	8.919	ng	95
49) Acenaphthylene	9.69	152	305326	10.660	ng	98
50) Dimethylphthalate	9.55	163	212871	9.724	ng	99
51) 2,6-Dinitrotoluene	9.61	165	44939	9.059	ng	99
52) Acenaphthene	9.86	154	176839	10.352	ng	99
53) 3-Nitroaniline	9.77	138	50246	8.433	ng	95
54) 2,4-Dinitrophenol	9.89	184	13860	5.212	ng	93
55) Dibenzofuran	10.03	168	279596	10.674	ng	99
56) 4-Nitrophenol	9.94	139	34938	7.785	ng	94
57) 2,4-Dinitrotoluene	10.01	165	59412	9.025	ng	# 85
58) Fluorene	10.37	166	212896	10.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	51501	8.963	ng	98
60) Diethylphthalate	10.25	149	213858	9.919	ng	98
61) 4-Chlorophenyl-phenylether	10.37	204	106840	10.246	ng	96
62) 4-Nitroaniline	10.39	138	50554	8.546	ng	95
63) Azobenzene	10.53	77	205855	10.519	ng	96
65) 4,6-Dinitro-2-methylphenol	10.42	198	23763	6.775	ng	98
66) n-Nitrosodiphenylamine	10.49	169	187591	10.451	ng	98
67) 4-Bromophenyl-phenylether	10.86	248	64272	9.688	ng	94
68) Hexachlorobenzene	10.92	284	72149	10.116	ng	98
69) Atrazine	11.01	200	60629	10.915	ng	97
70) Pentachlorophenol	11.12	266	27581	6.955	ng	98
71) Phenanthrene	11.34	178	317141	10.915	ng	98
72) Anthracene	11.39	178	317698	10.847	ng	99
73) Carbazole	11.55	167	288170	9.939	ng	98
74) Di-n-butylphthalate	11.87	149	343023	10.524	ng	99
75) Fluoranthene	12.52	202	344358	10.366	ng	98
77) Benzidine	12.65	184	177724	11.230	ng	# 93
78) Pyrene	12.75	202	354283	10.687	ng	99
80) Butylbenzylphthalate	13.37	149	139075	9.448	ng	95
81) Benzo(a)anthracene	13.94	228	314362	11.182	ng	98
82) 3,3'-Dichlorobenzidine	13.90	252	125484	11.685	ng	98
83) Chrysene	13.97	228	315301	10.933	ng	98
84) Bis(2-ethylhexyl)phthalate	13.93	149	200075	11.137	ng	99
85) Di-n-octyl phthalate	14.54	149	337225	9.836	ng	100
87) Indeno(1,2,3-cd)pyrene	16.79	276	343251	10.691	ng	99
88) Benzo(b)fluoranthene	14.97	252	321836	10.236	ng	99
89) Benzo(k)fluoranthene	15.00	252	289801	10.417	ng	99
90) Benzo(a)pyrene	15.32	252	274397	9.752	ng	100
91) Dibenzo(a,h)anthracene	16.81	278	291892	11.337	ng	99
92) Benzo(g,h,i)perylene	17.22	276	289875	11.170	ng	98

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

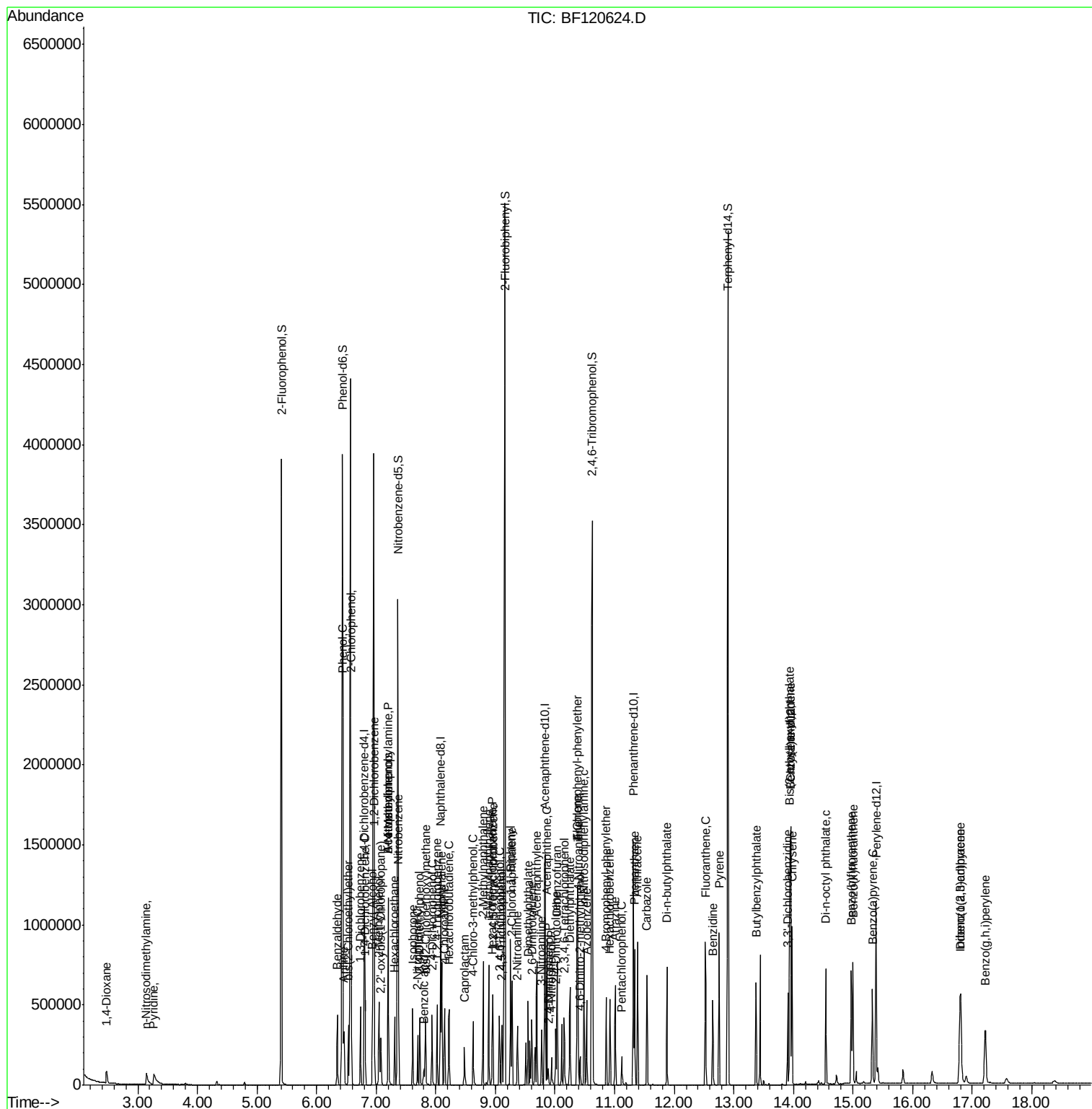
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061520\
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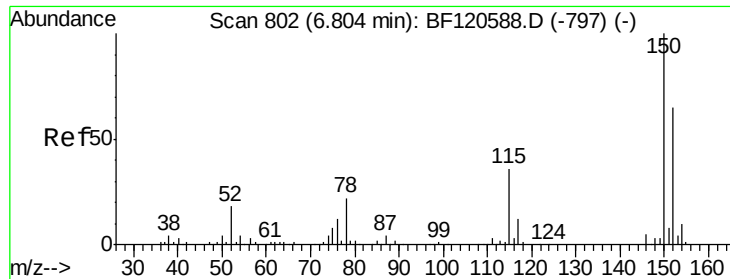
Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

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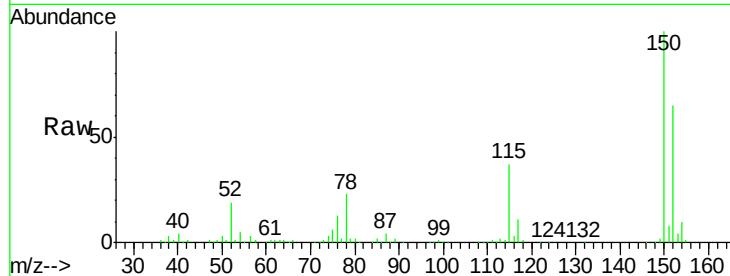
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.5	123.2	184.8
115	57.2	43.9	65.9

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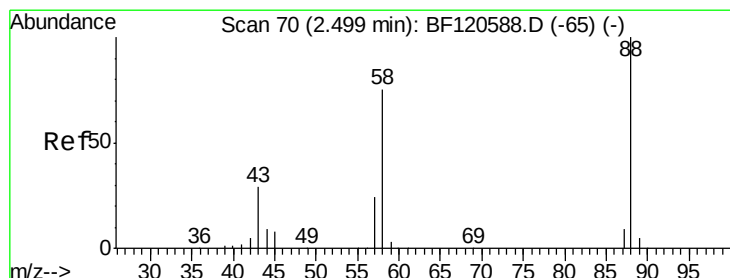
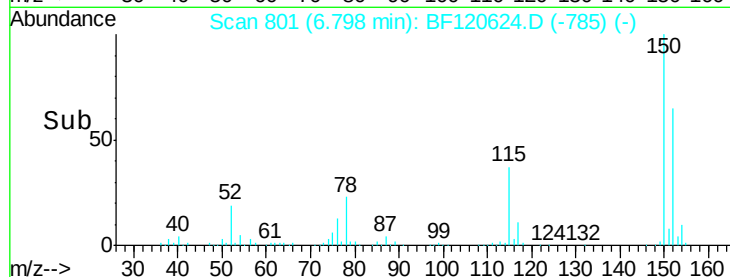
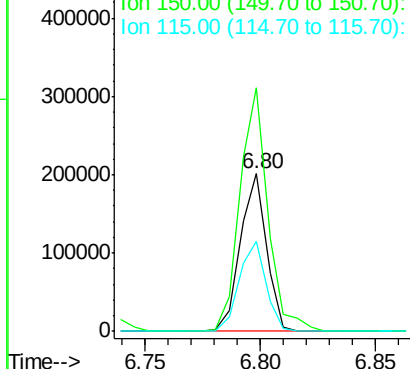


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
1,4-Dioxane
Concen: 9.708 ng
RT: 2.48 min Scan# 66
Delta R.T. -0.03 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

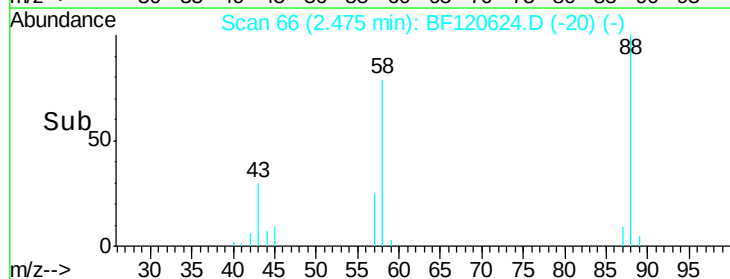
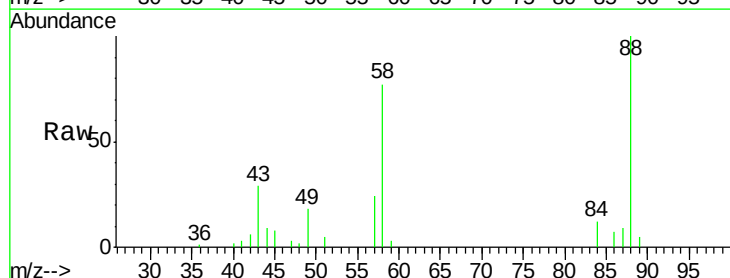
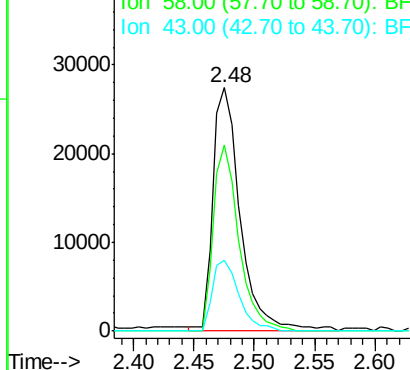
Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.1	59.6	89.4
43	28.2	23.1	34.7

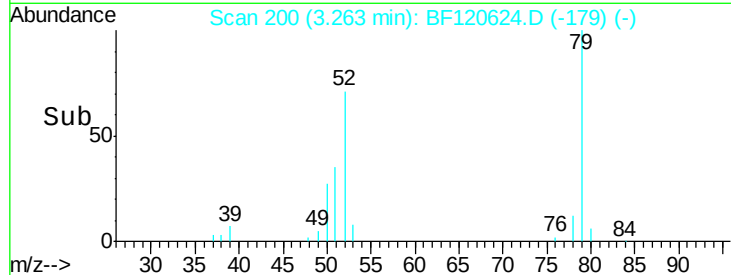
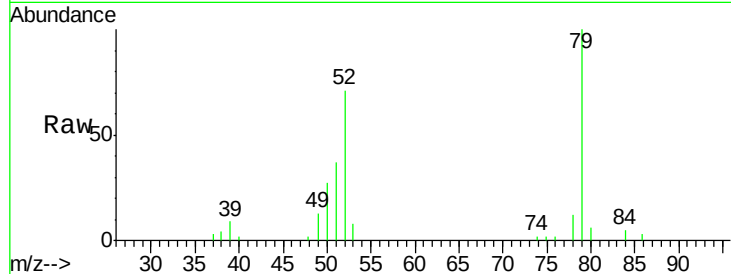
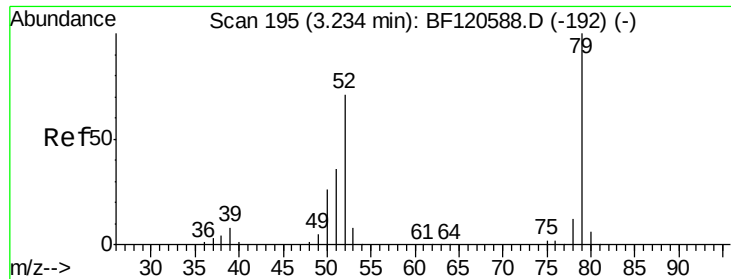
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





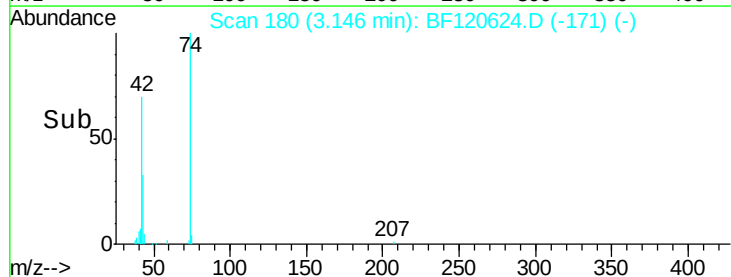
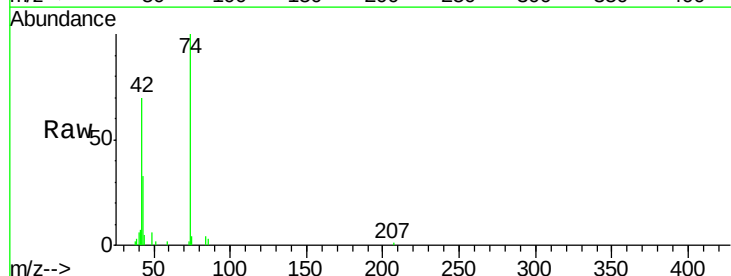
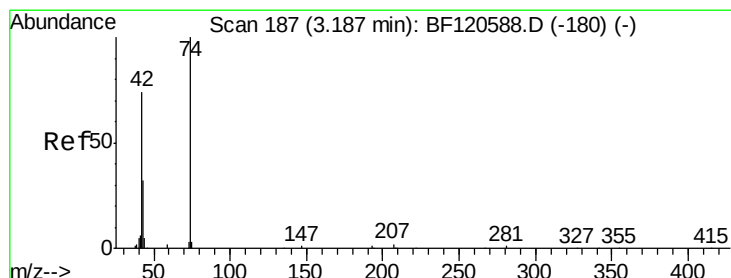
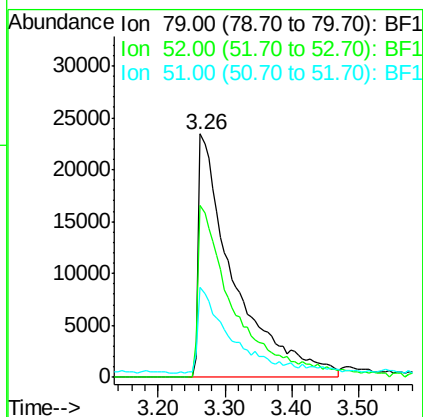
#3
 Pvridine
 Concen: 6.857 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.02 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tot Ion:	79	Resp:	84991
Ion	Ratio	Lower	Upper
79	100		
52	70.8	57.0	85.6
51	37.2	28.5	42.7

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

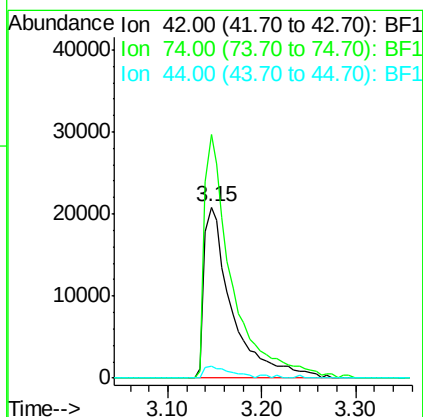
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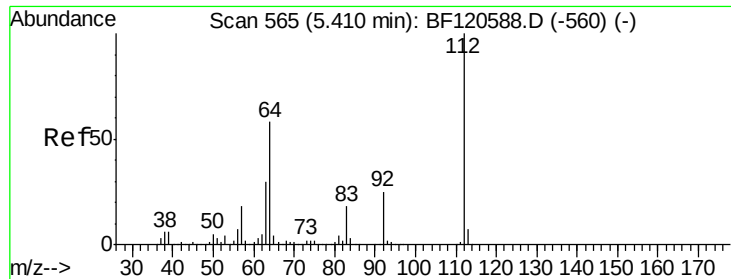
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#4
 n-Nitrosodimethylamine
 Concen: 8.409 ng
 RT: 3.15 min Scan# 180
 Delta R.T. -0.05 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion:	42	Resp:	43254
Ion	Ratio	Lower	Upper
42	100		
74	142.4	107.8	161.6
44	7.2	5.1	7.7





#5

2-Fluorophenol

Concen: 136.774 ng

RT: 5.41 min Scan# 565

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 112 Resp: 1272396

Ion Ratio Lower Upper

112 100

64 55.8 46.1 69.1

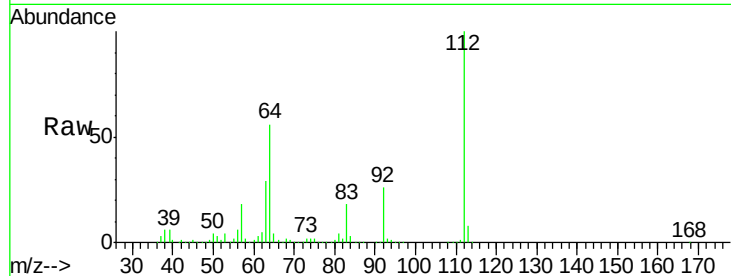
63 28.6 23.7 35.5

Manual Integrations

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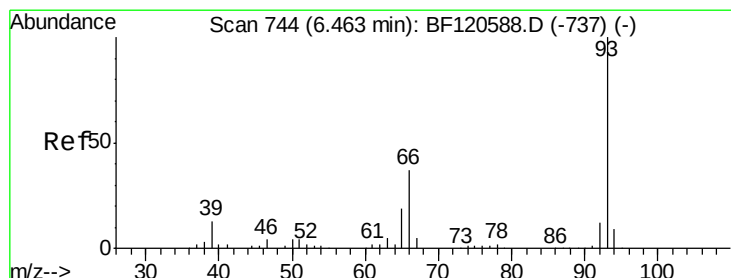
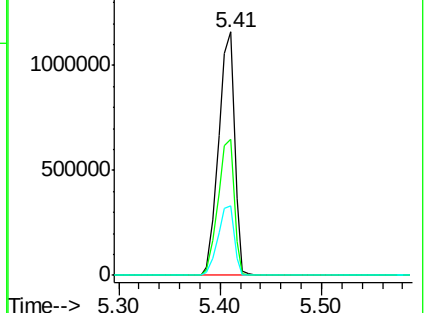
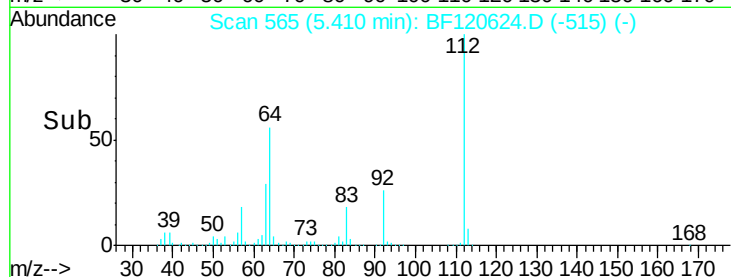
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.954 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

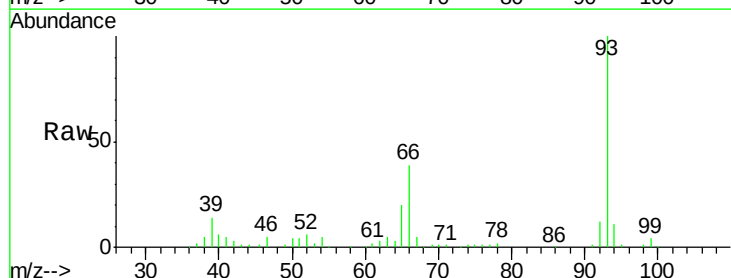
Tgt Ion: 93 Resp: 147596

Ion Ratio Lower Upper

93 100

66 39.4 30.9 46.3

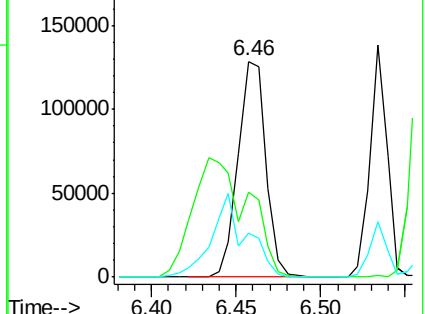
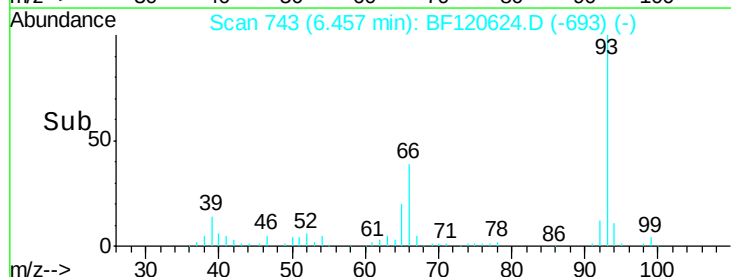
65 20.1 15.9 23.9

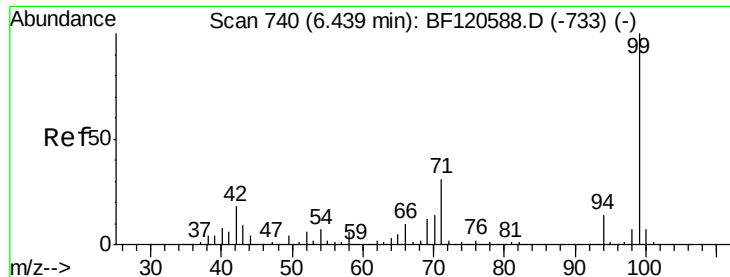


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 138.036 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion: 99 Resp: 1599385

Ion Ratio Lower Upper

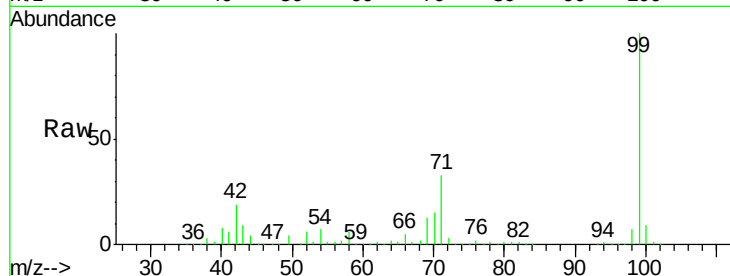
99 100

42 18.6 14.0 21.0

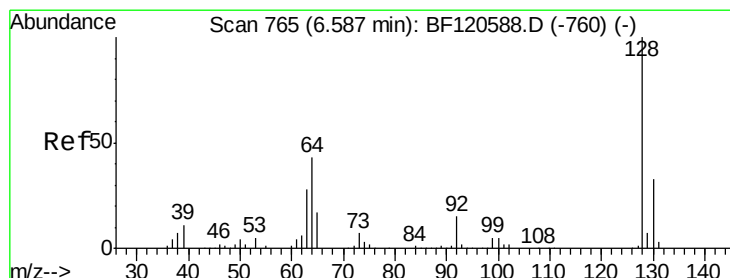
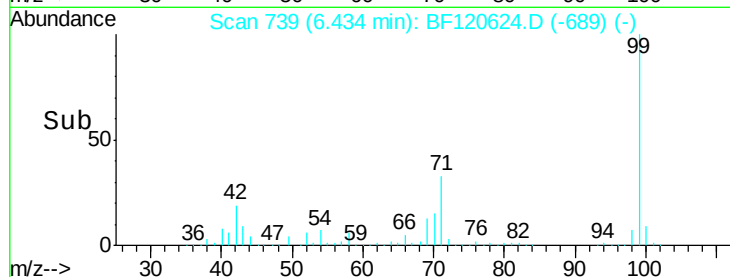
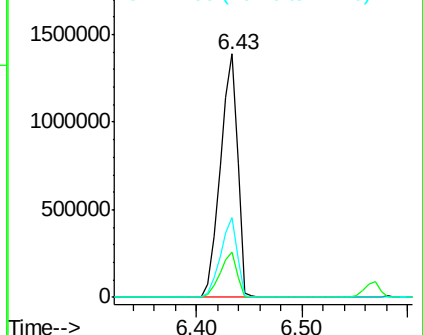
71 32.9 24.9 37.3

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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: 9.697 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

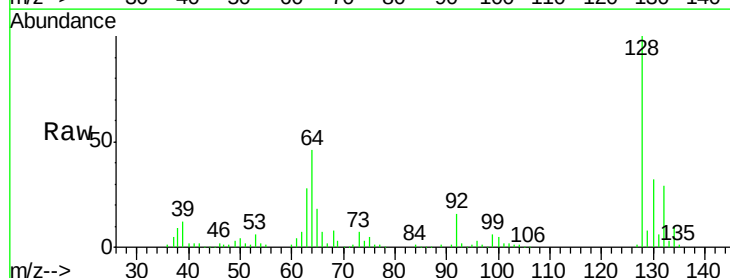
Tgt Ion: 128 Resp: 101936

Ion Ratio Lower Upper

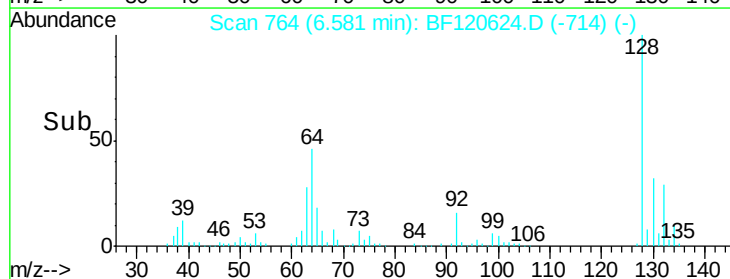
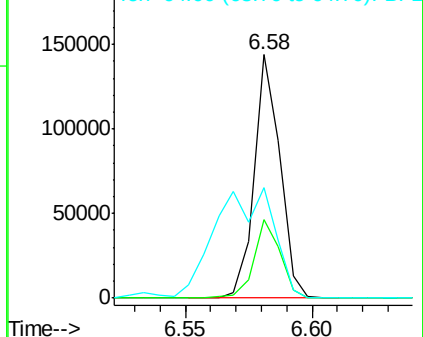
128 100

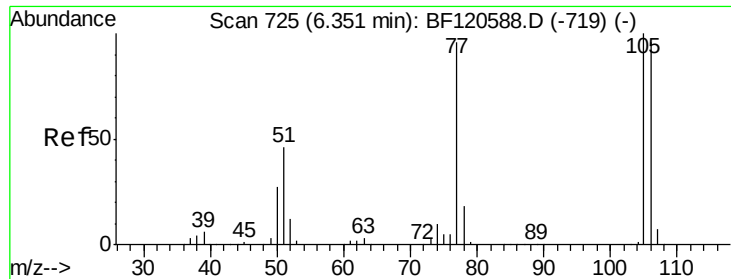
130 32.3 12.6 52.6

64 45.6 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





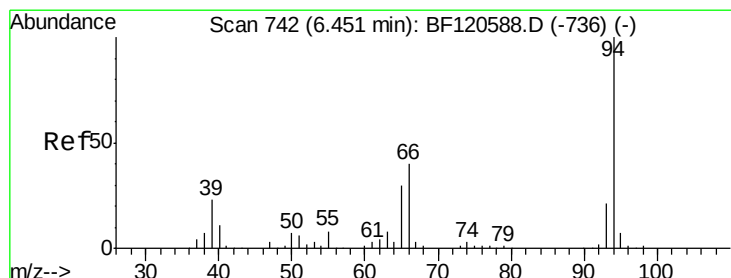
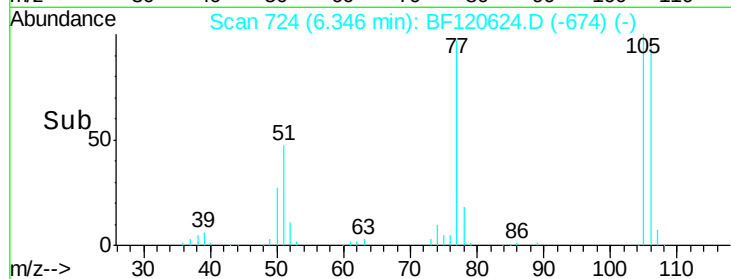
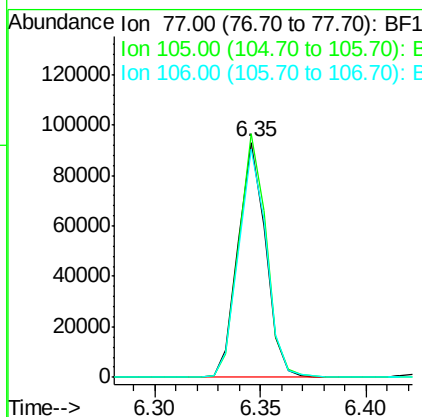
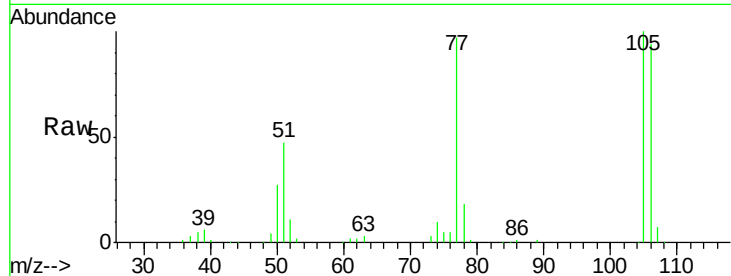
#9
Benzaldehyde
Concen: 11.517 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	103.5	83.8	123.8
106	97.0	79.3	119.3

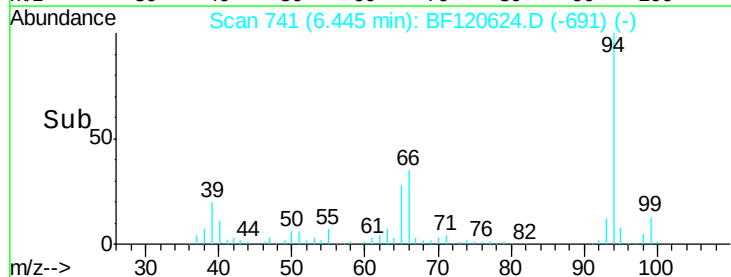
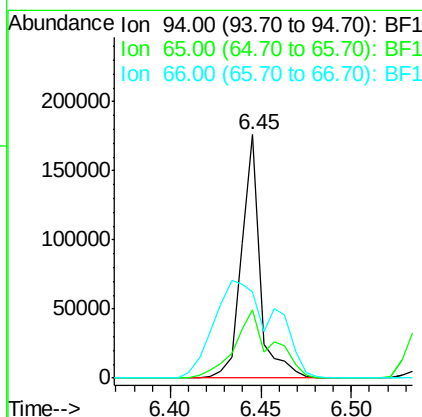
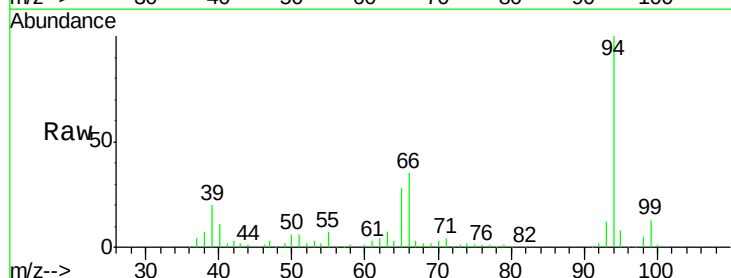
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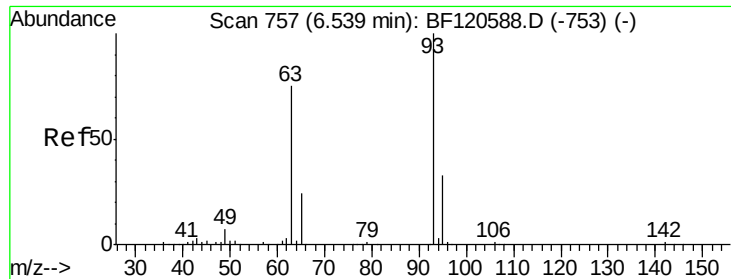
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#10
Phenol
Concen: 10.046 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.9	49.9
66	35.2	20.1	60.1





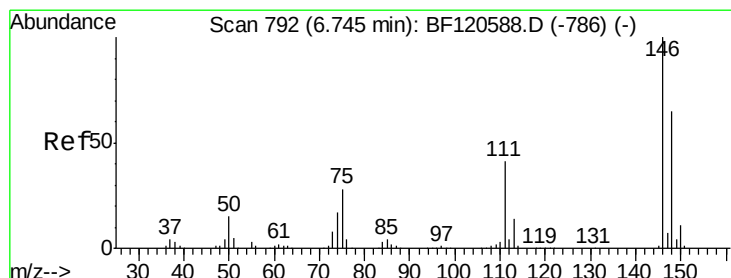
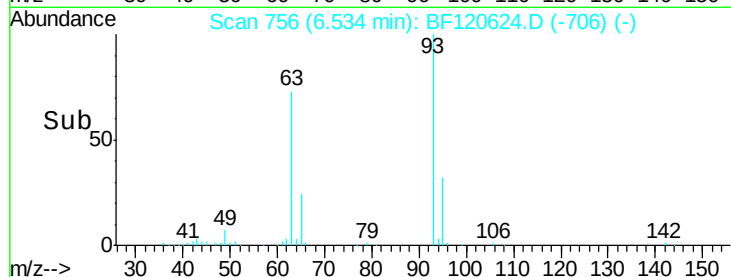
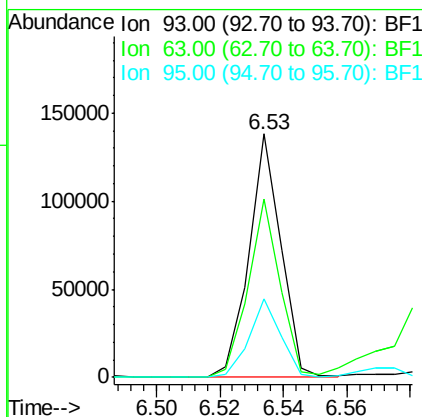
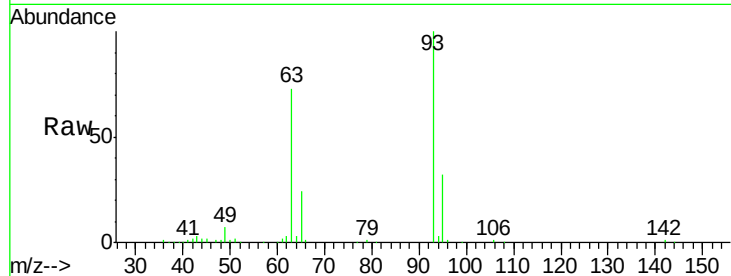
#11
bis(2-Chloroethyl)ether
Concen: 9.437 ng
RT: 6.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	93	Resp:	97174
Ion Ratio	Lower	Upper	
93	100		
63	73.1	54.4	94.4
95	32.1	12.9	52.9

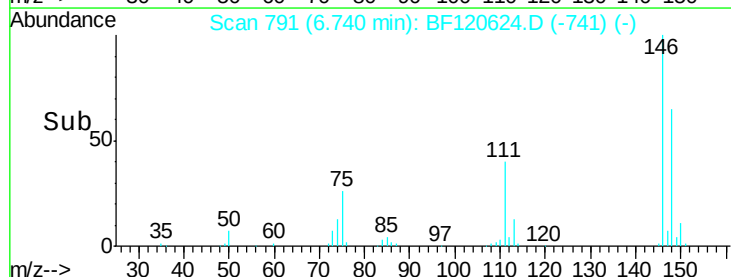
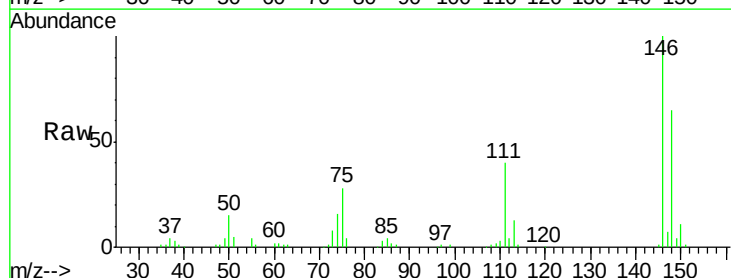
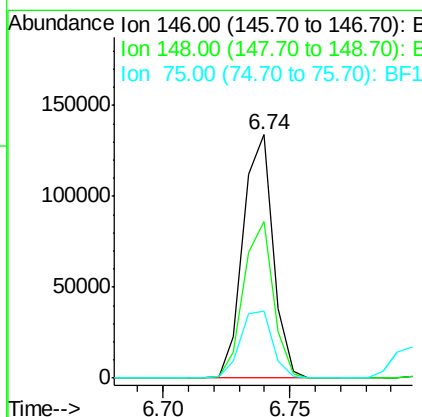
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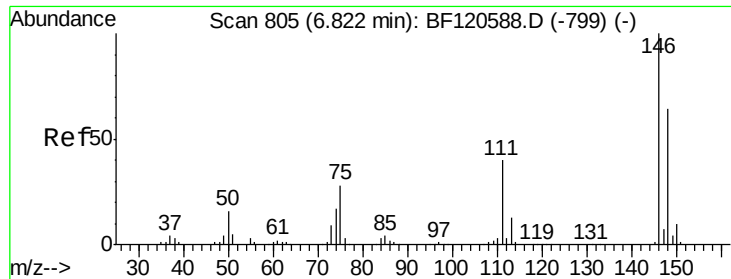
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#12
1,3-Dichlorobenzene
Concen: 9.879 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion:	146	Resp:	110406
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.8	77.6
75	27.6	22.2	33.4





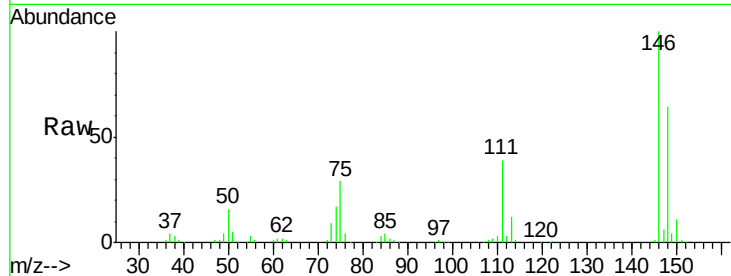
#13
1,4-Dichlorobenzene
Concen: 10.134 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.5	77.3
111	39.0	32.2	48.4

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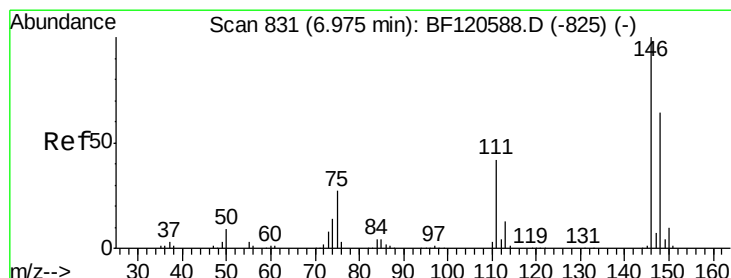
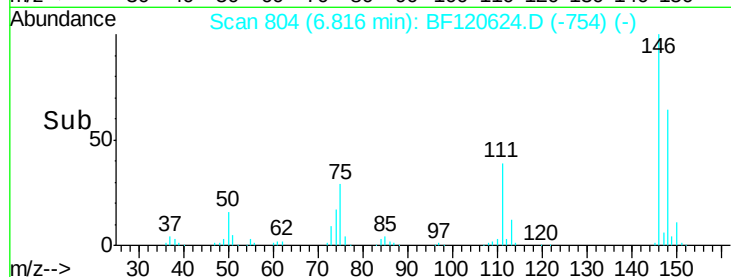
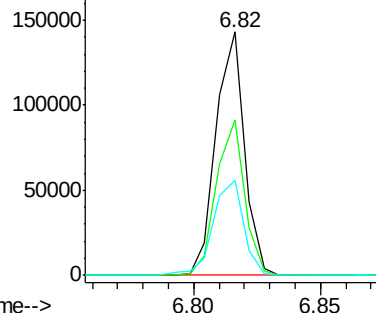


Abundance

Ion 146.00 (145.70 to 146.70): E

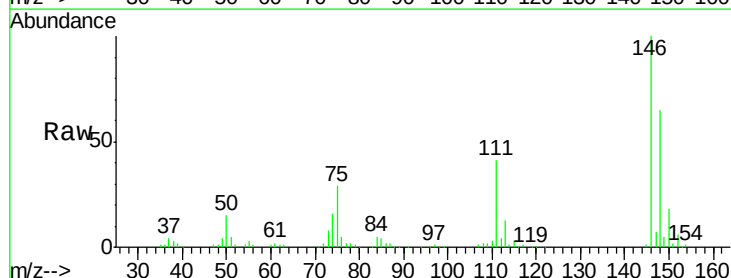
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 9.689 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.8	76.2
111	41.3	33.6	50.4

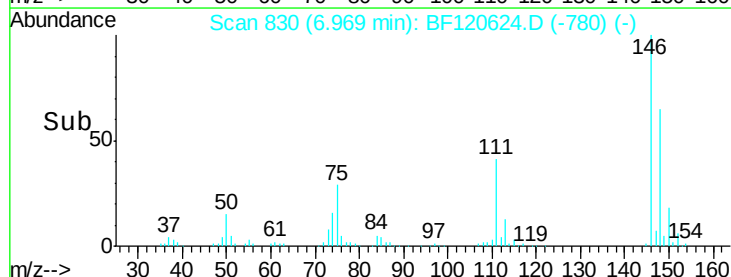
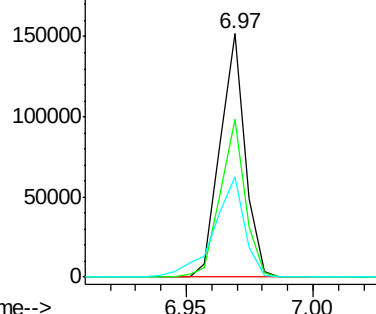


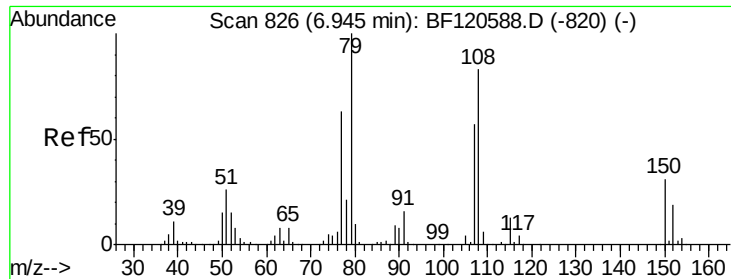
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 10.900 ng

RT: 6.93 min Scan# 824

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

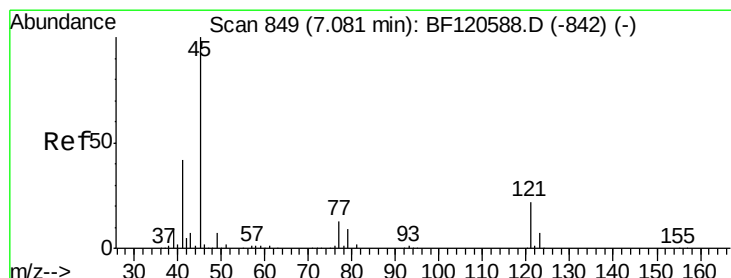
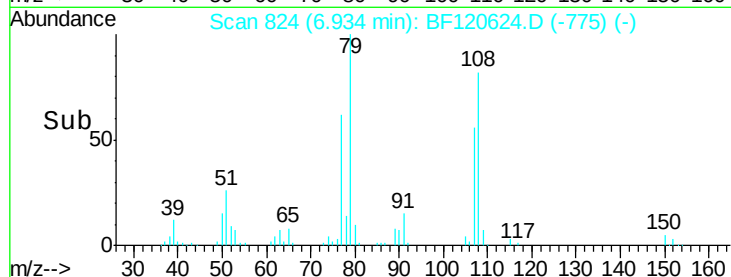
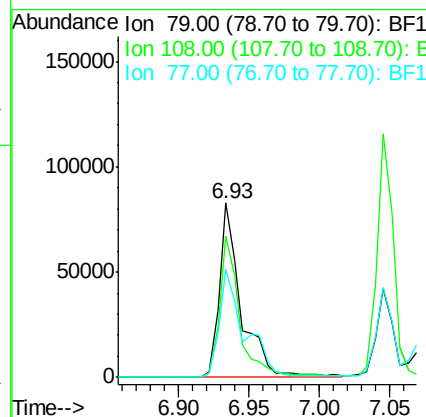
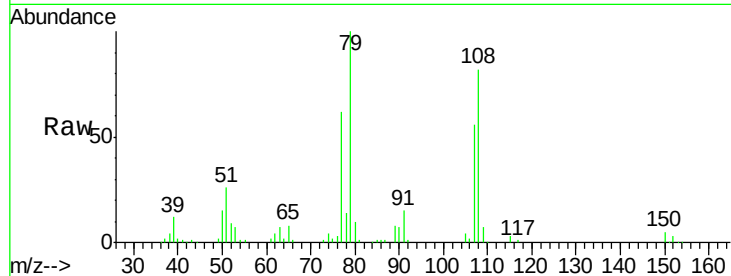
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	79	Resp:	89566
Ion	Ratio	Lower	Upper
79	100		
108	81.6	66.8	100.2
77	62.3	50.6	76.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 9.642 ng

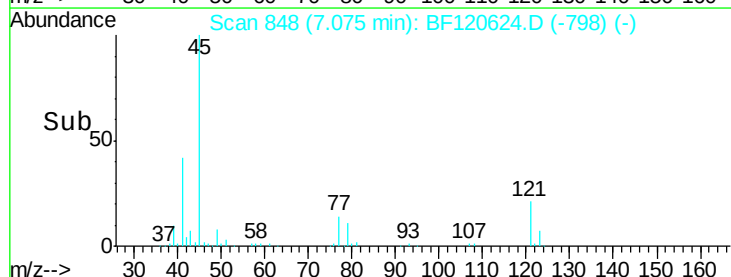
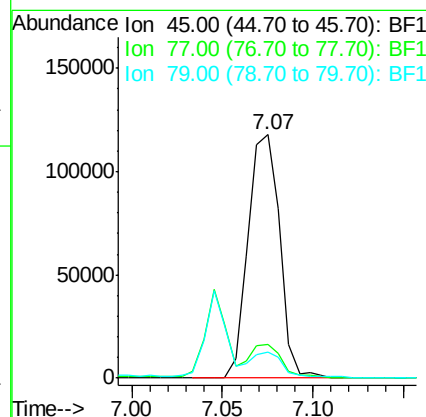
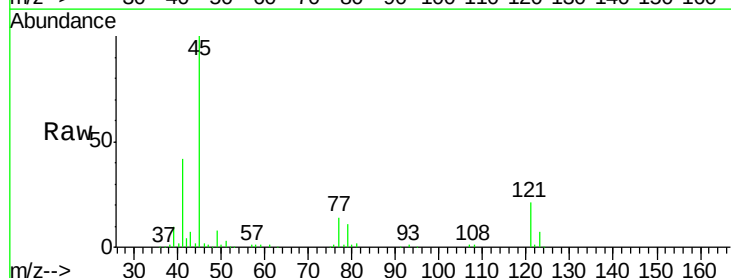
RT: 7.07 min Scan# 848

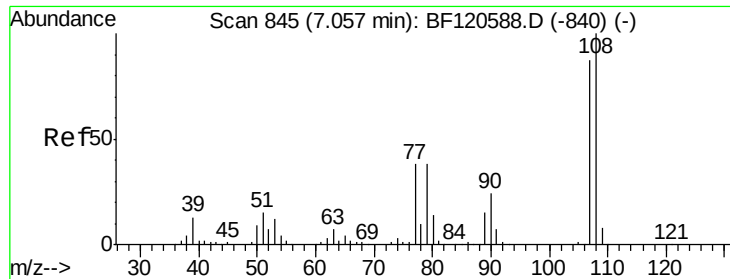
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	45	Resp:	142961
Ion	Ratio	Lower	Upper
45	100		
77	13.7	0.0	34.2
79	10.7	0.0	30.9





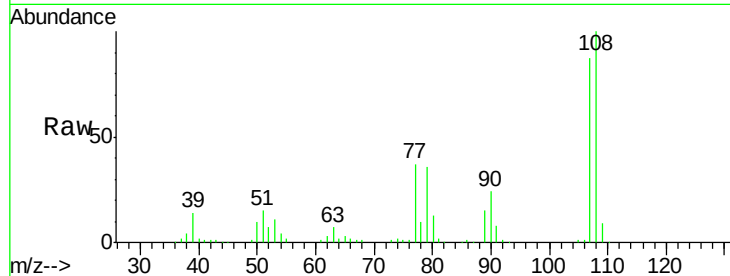
#17
2-Methylphenol
Concen: 8.857 ng
RT: 7.05 min Scan# 843
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

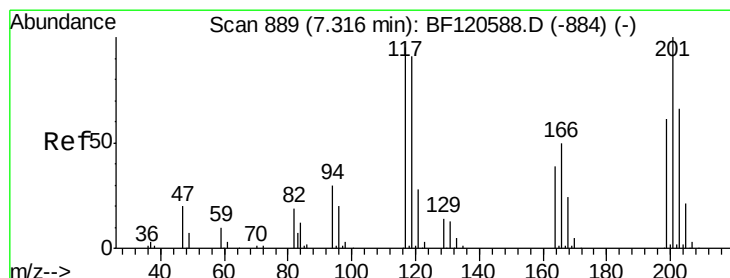
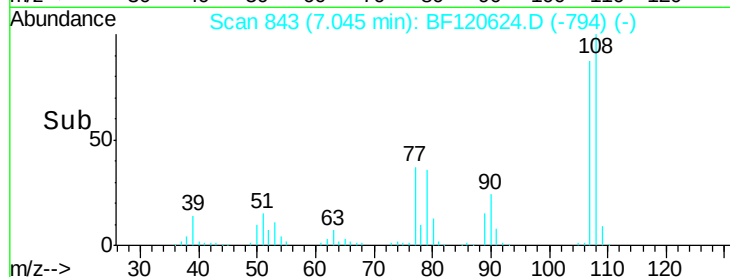
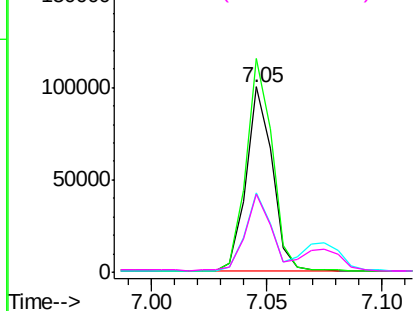
Tot Ion:	107	Resp:	79417
Ion Ratio	Lower	Upper	
107	100		
108	115.2	91.9	137.9
77	42.7	35.4	53.2
79	42.0	34.8	52.2

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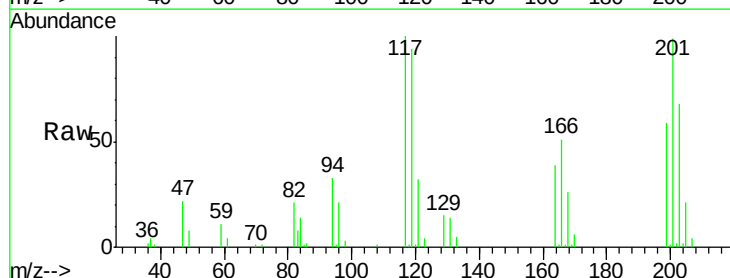


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

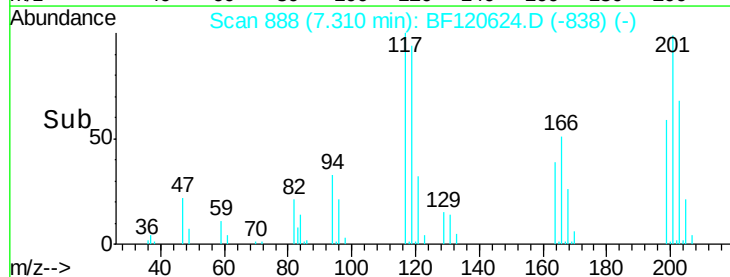
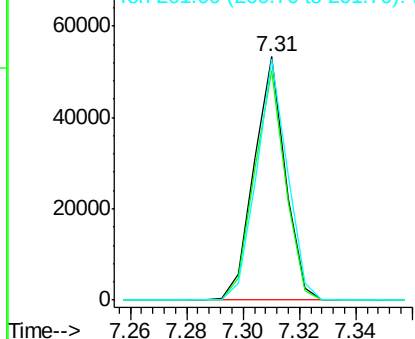


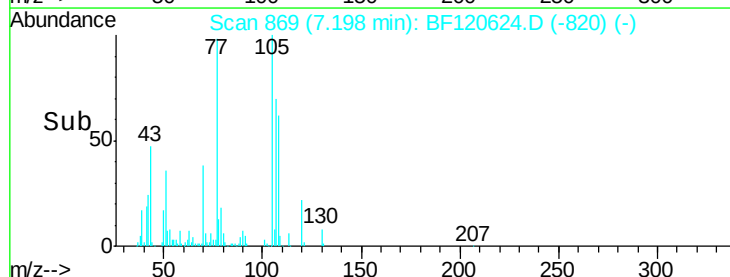
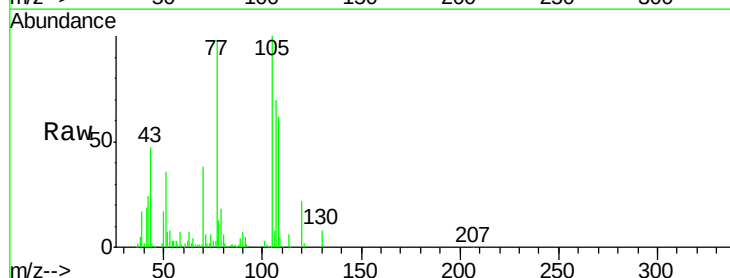
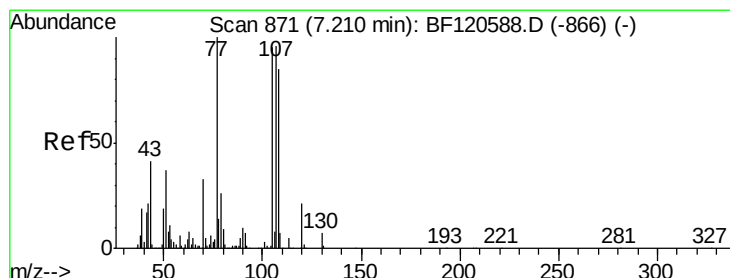
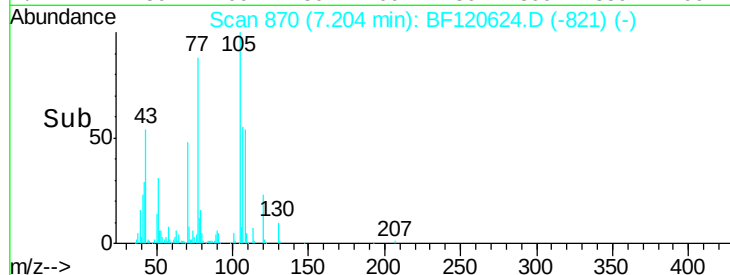
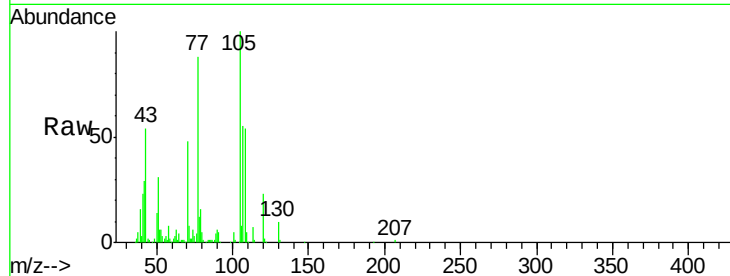
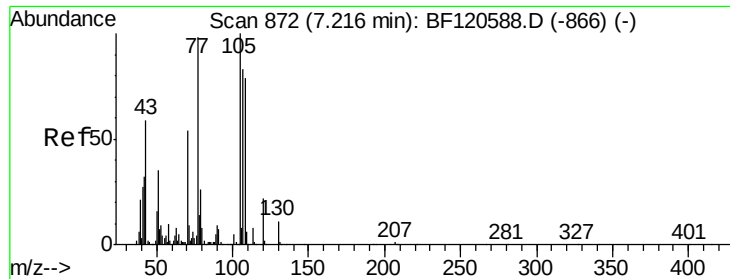
#18
Hexachloroethane
Concen: 10.012 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion:	117	Resp:	40681
Ion Ratio	Lower	Upper	
117	100		
119	94.3	76.9	115.3
201	99.3	84.6	127.0



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





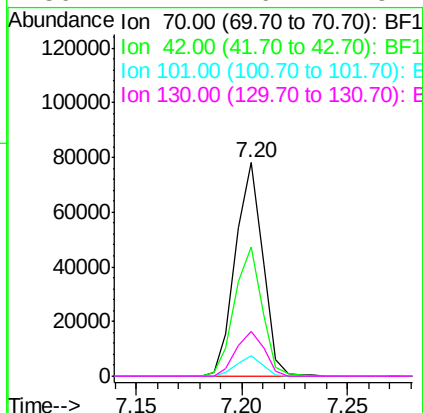
#19
n-Nitroso-di-n-propylamine
Concen: 10.421 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	60.5	47.7	71.5
101	9.8	7.6	11.4
130	21.1	16.7	25.1

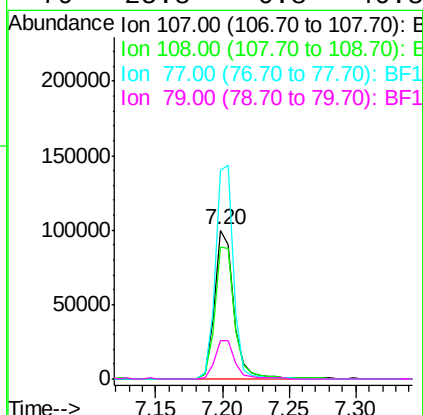
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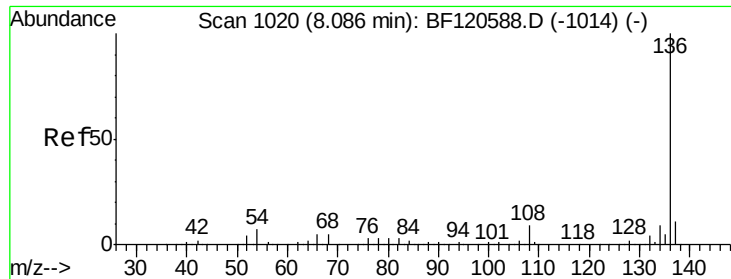
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#20
3+4-Methylphenols
Concen: 9.186 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.7	108.7
77	140.4	84.2	124.2#
79	25.8	6.8	46.8





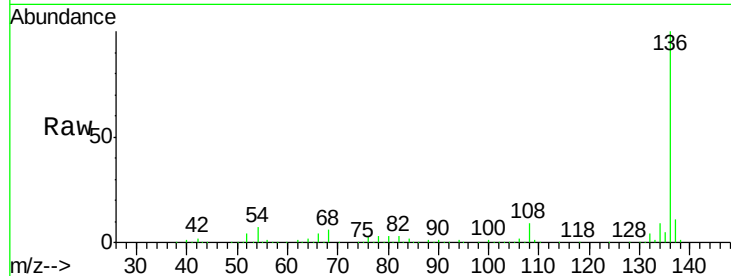
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		581983		
137	11.0		8.6	13.0	
54	7.3		5.8	8.6	
68	5.6		4.4	6.6	

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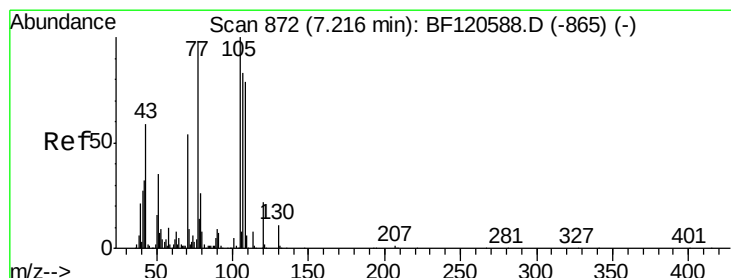
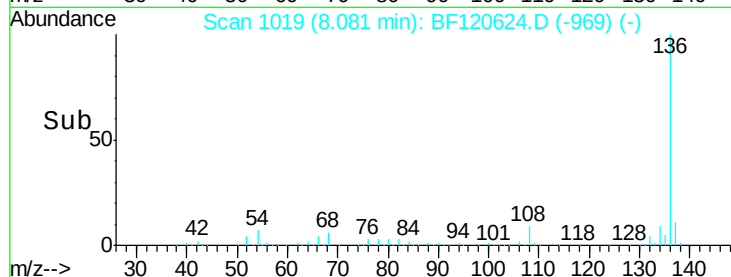
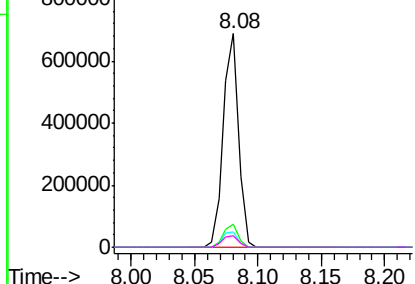
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 11.133 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		144860		
71	7.7		7.2	10.8	
51	30.8		27.8	41.8	
120	22.9		18.0	27.0	

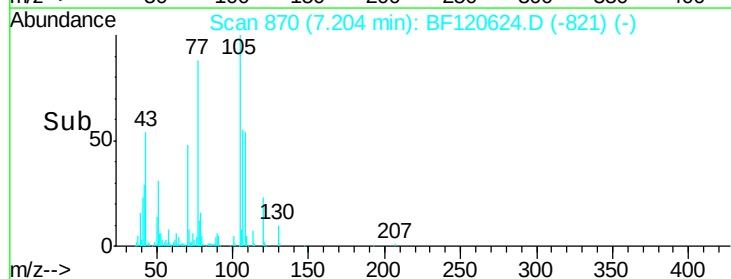
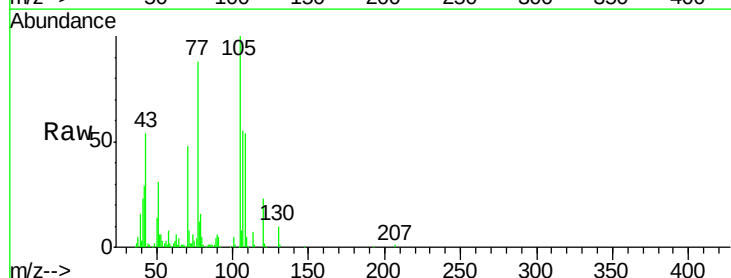
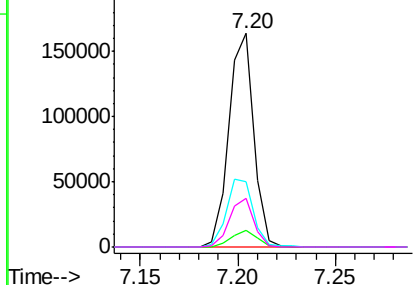
Abundance

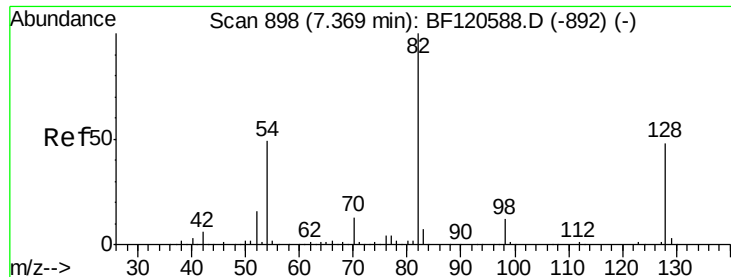
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





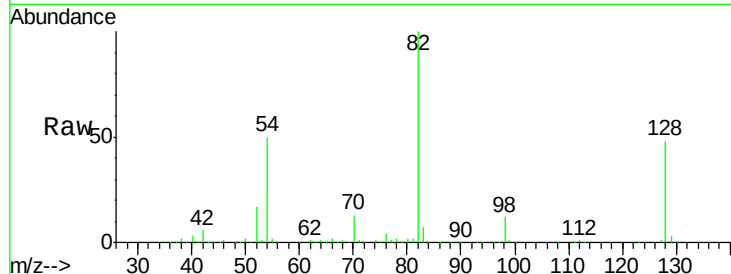
#23
Nitrobenzene-d5
Concen: 97.664 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

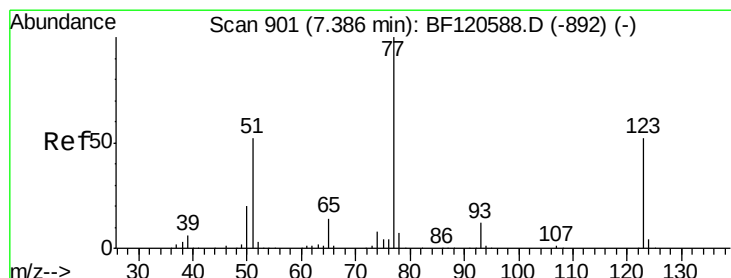
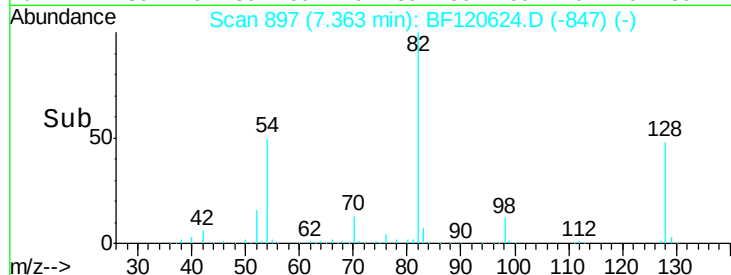
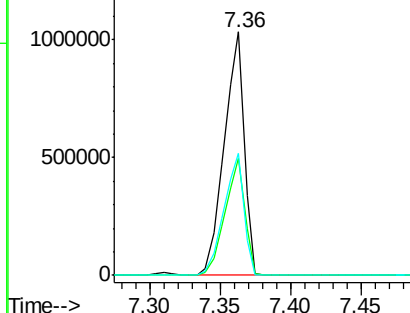
Tot Ion: 82 Resp: 1016855
Ion Ratio Lower Upper
82 100
128 47.8 38.0 57.0
54 50.0 38.8 58.2

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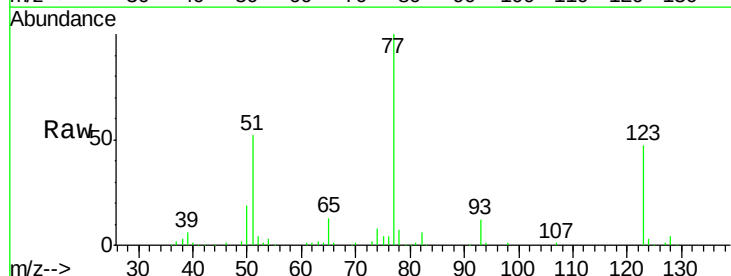


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

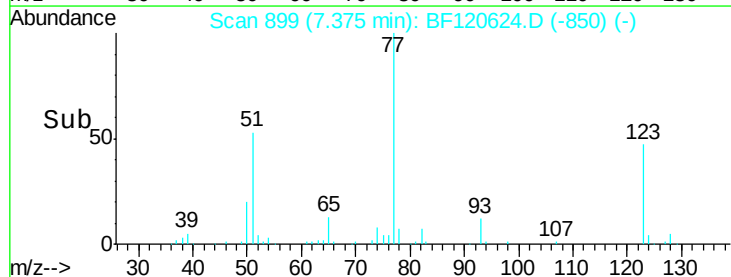
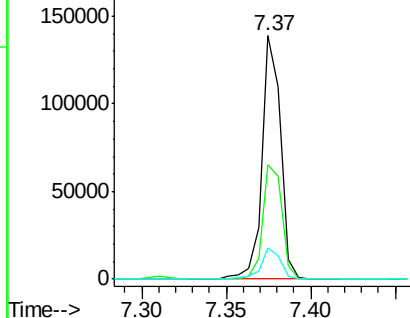


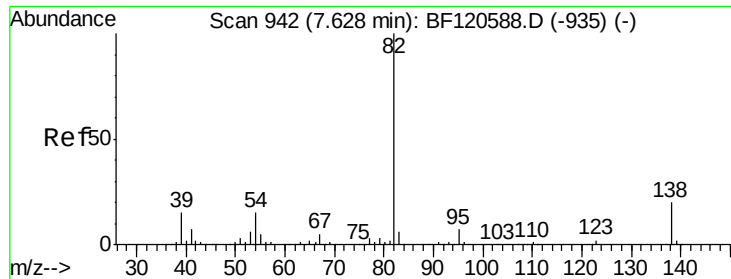
#24
Nitrobenzene
Concen: 9.797 ng
RT: 7.37 min Scan# 899
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion: 77 Resp: 106749
Ion Ratio Lower Upper
77 100
123 46.9 41.4 62.0
65 12.6 11.0 16.4



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





#25

Isophorone

Concen: 9.313 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.02 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

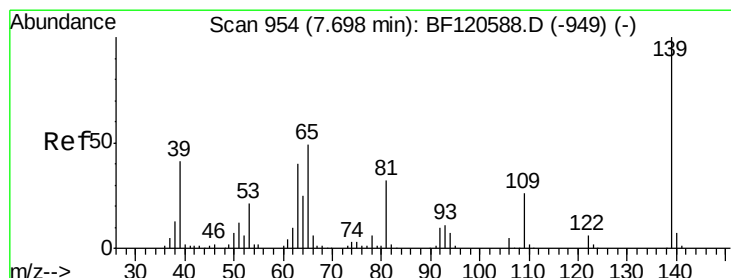
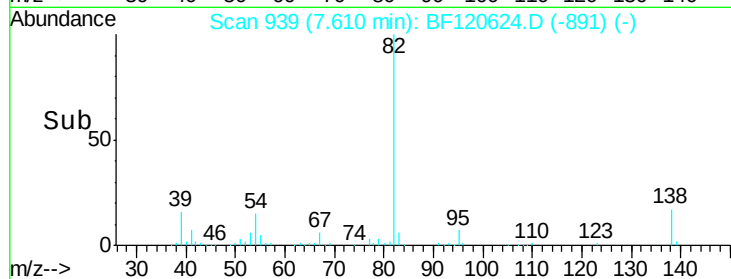
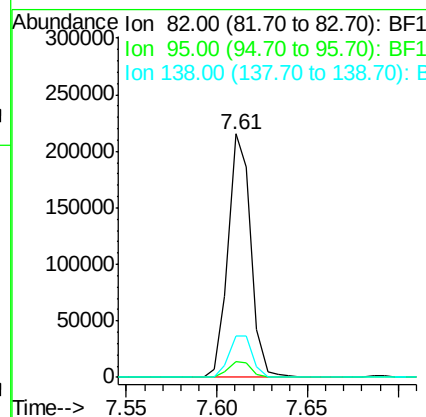
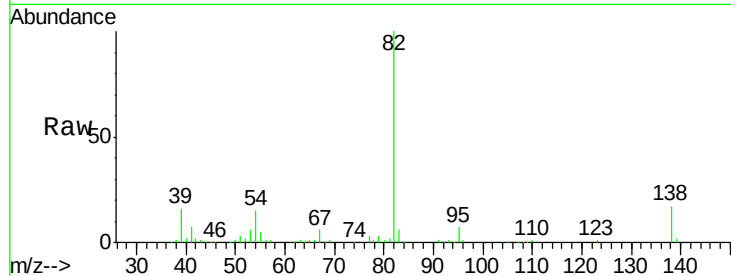
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	82	Resp:	188877
Ion Ratio	Lower	Upper	
82	100		
95	6.5	5.7	8.5
138	17.0	16.2	24.4

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#26

2-Nitrophenol

Concen: 8.689 ng

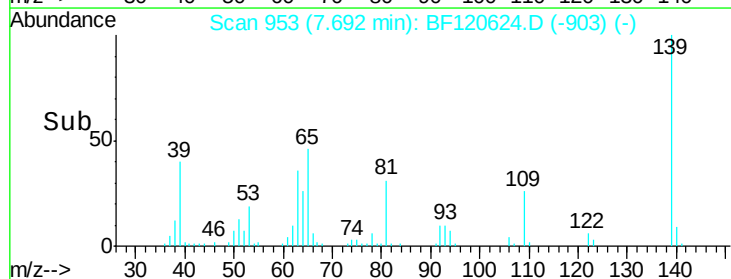
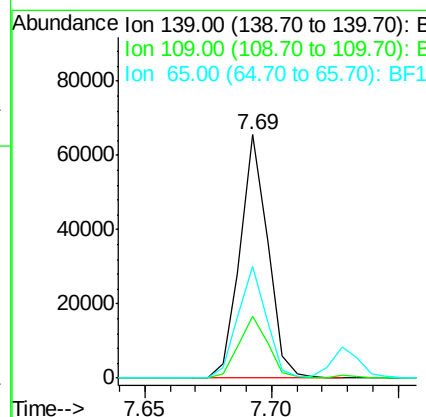
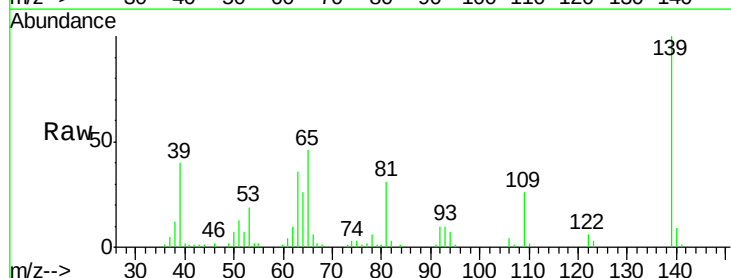
RT: 7.69 min Scan# 953

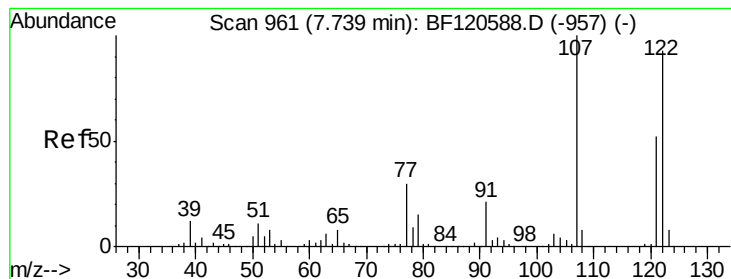
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	139	Resp:	50086
Ion Ratio	Lower	Upper	
139	100		
109	25.6	21.1	31.7
65	46.0	39.4	59.0





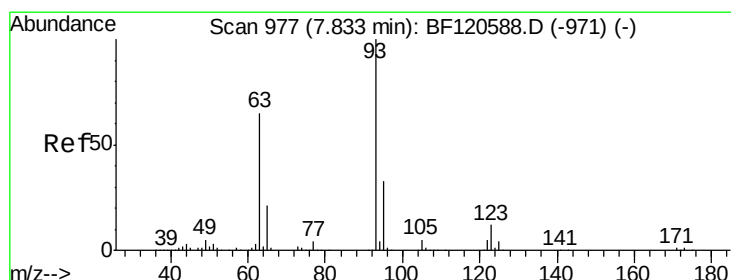
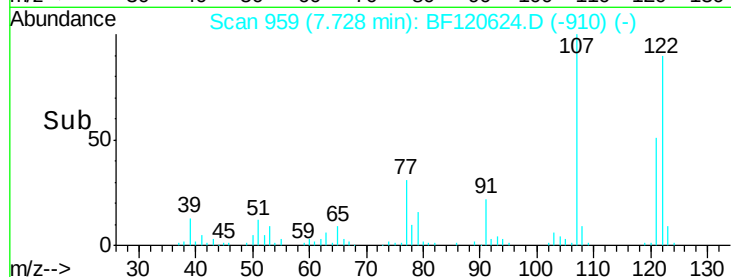
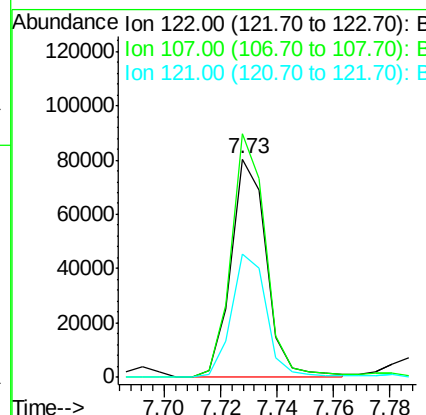
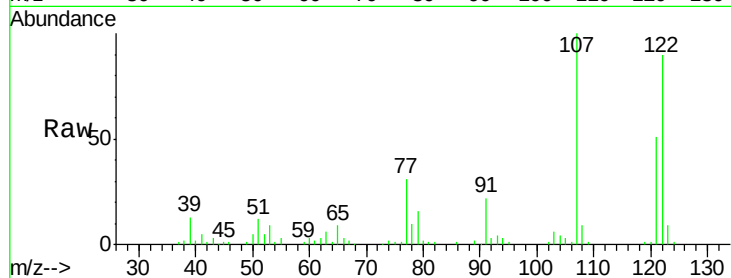
#27
 2,4-Dimethylphenol
 Concen: 8.289 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	86.4	129.6
121	56.6	45.2	67.8

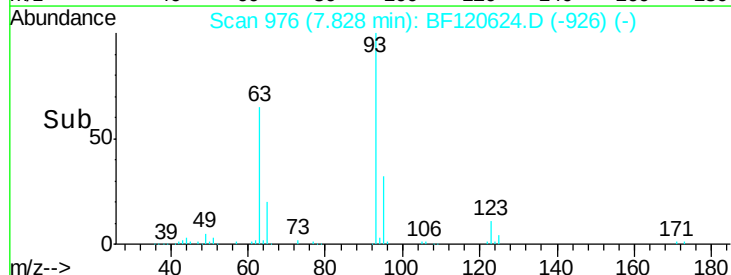
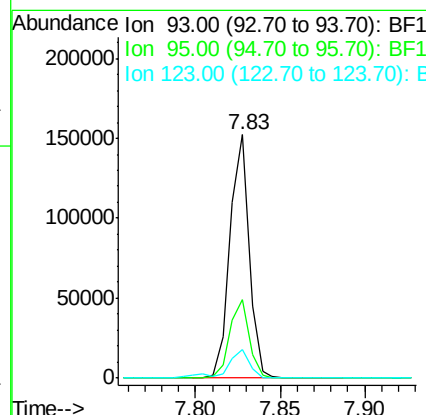
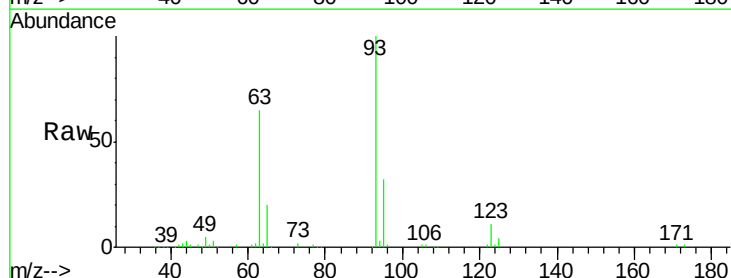
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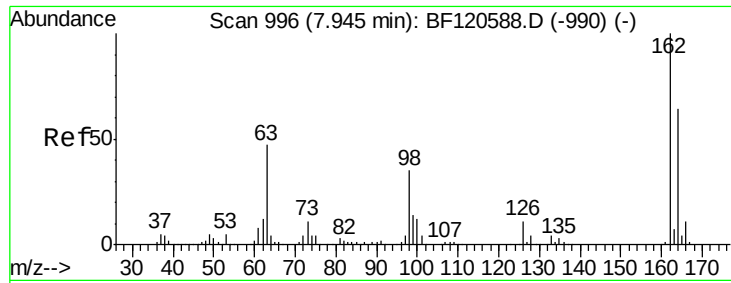
mohammad
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#28
 bis(2-Chloroethoxy)methane
 Concen: 10.255 ng
 RT: 7.83 min Scan# 976
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.3	26.2	39.4
123	11.5	9.5	14.3





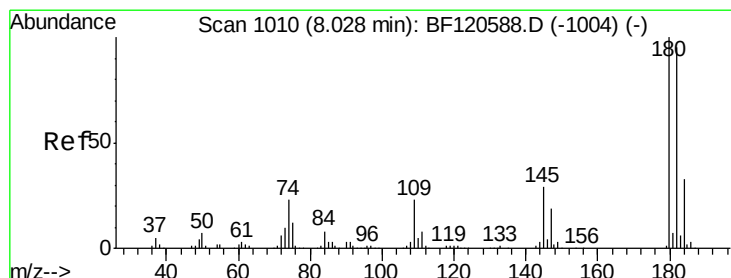
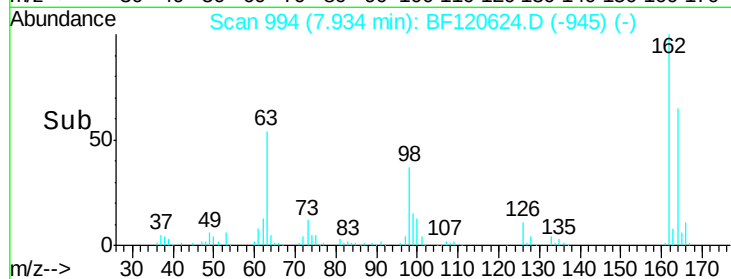
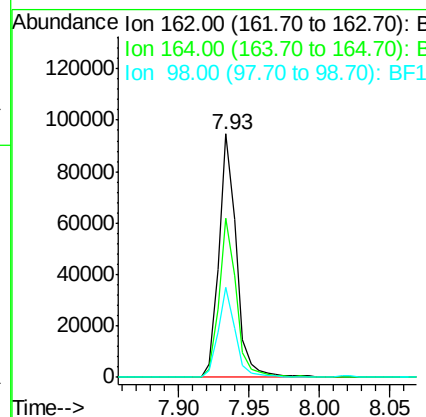
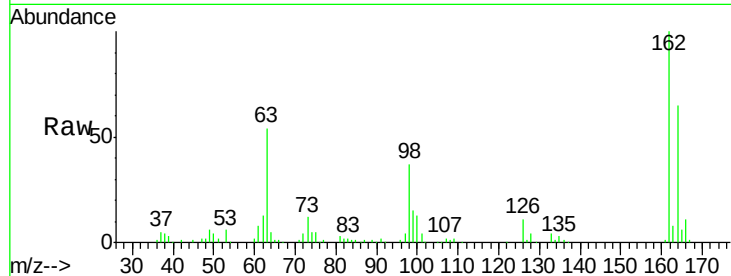
#29
2,4-Dichlorophenol
Concen: 9.464 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.4	44.1	84.1
98	37.0	14.7	54.7

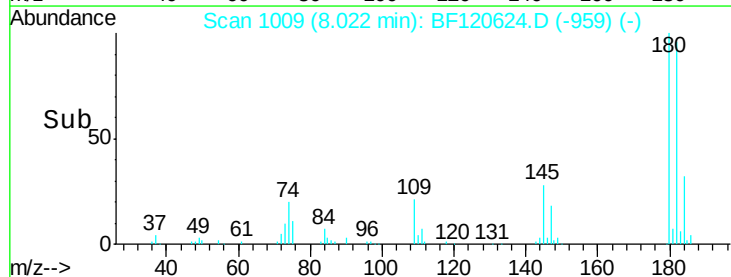
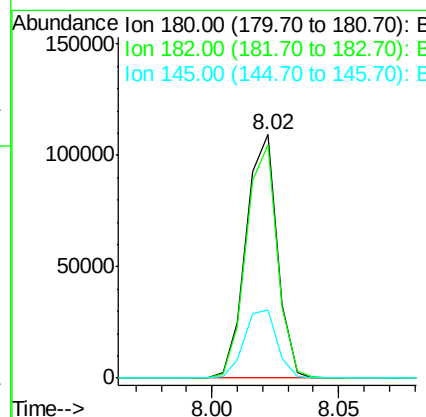
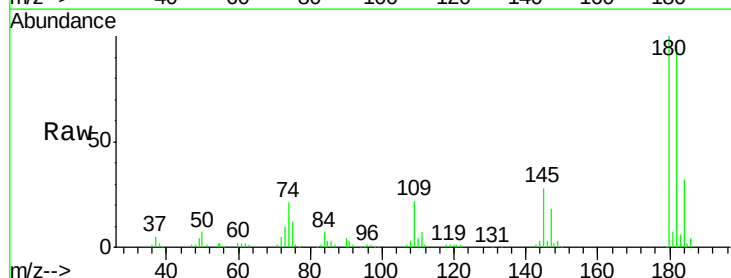
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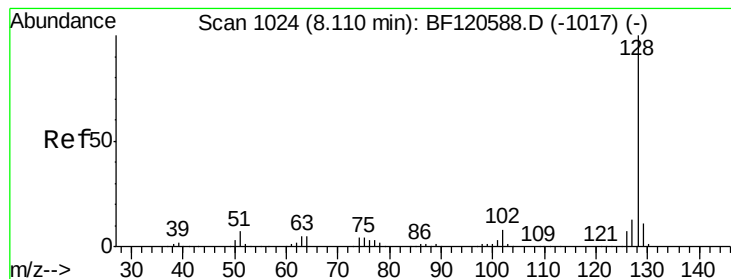
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#30
1,2,4-Trichlorobenzene
Concen: 9.793 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	28.1	23.0	34.6





#31

Naphthalene

Concen: 10.654 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

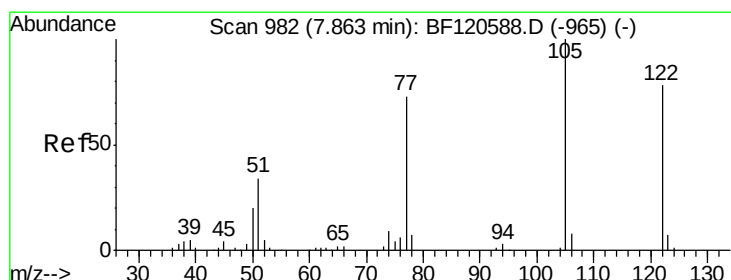
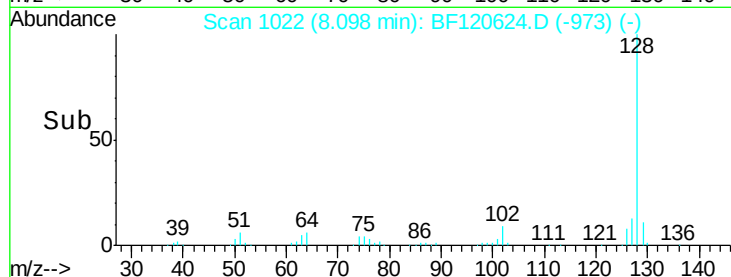
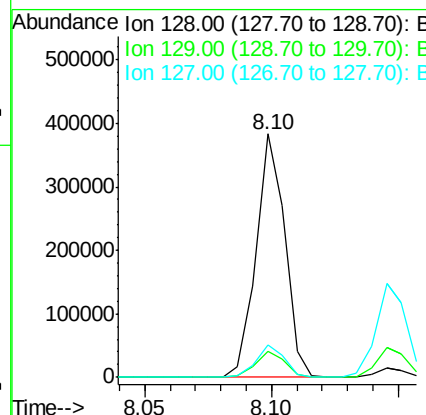
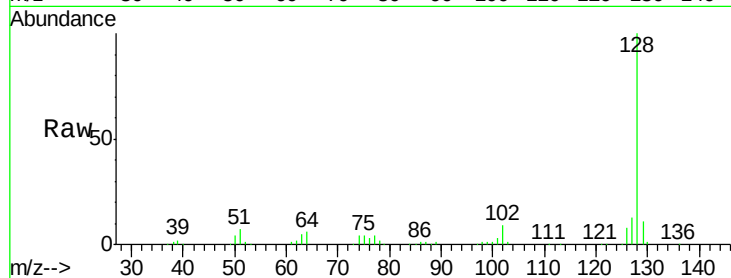
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	128	Resp:	304462
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.1	10.6	15.8

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#32

Benzoic acid

Concen: 5.353 ng m

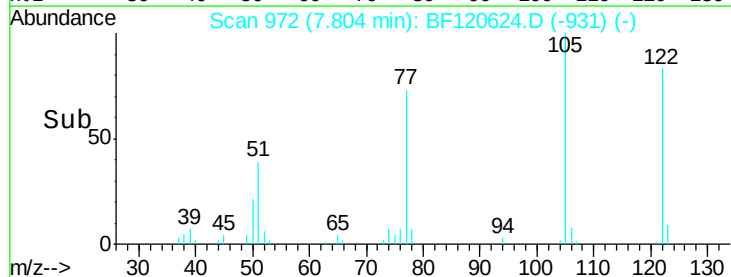
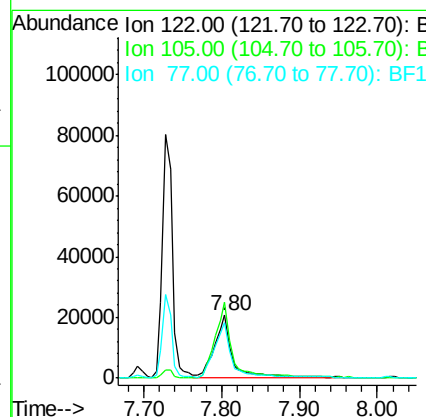
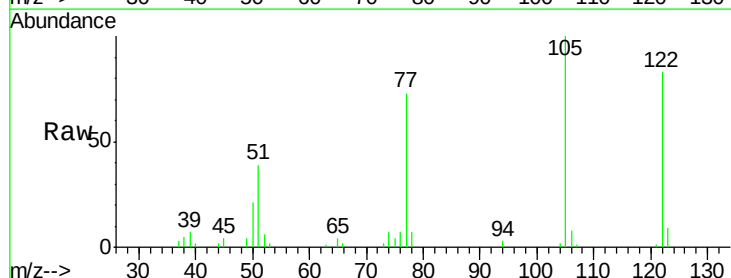
RT: 7.80 min Scan# 972

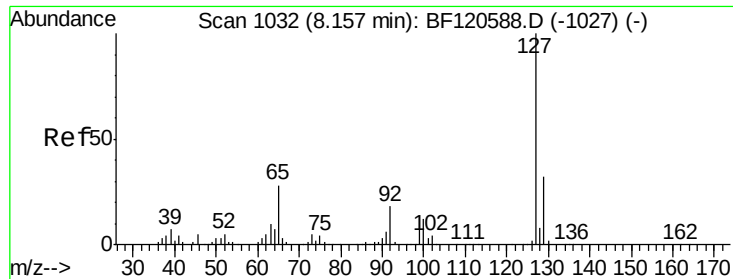
Delta R.T. -0.06 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	122	Resp:	34857
Ion Ratio	Lower	Upper	
122	100		
105	120.7	101.0	141.0
77	88.4	69.8	109.8





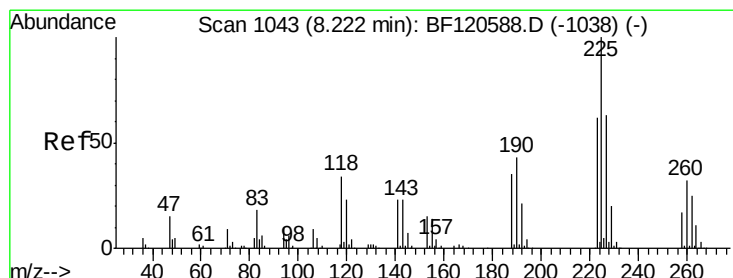
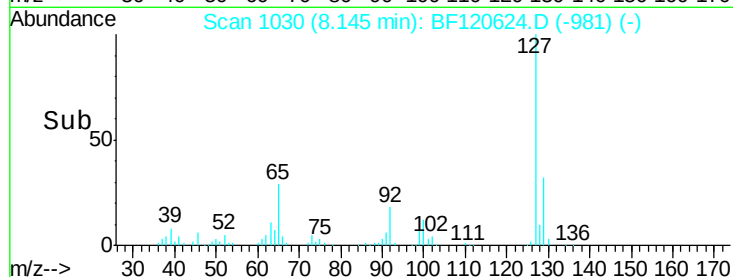
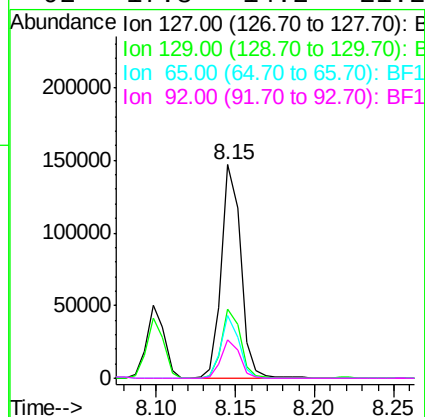
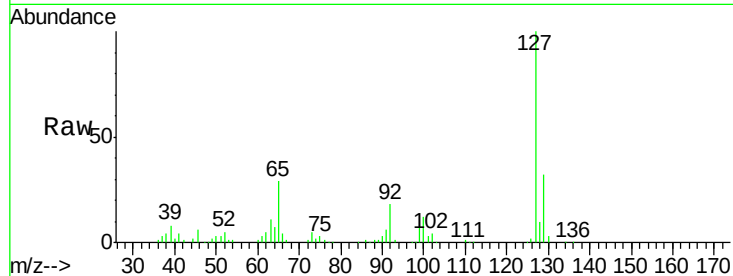
#33
4-Chloroaniline
Concen: 9.549 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.5	25.9	38.9	
65	29.2	22.2	33.4	
92	17.8	14.2	21.2	

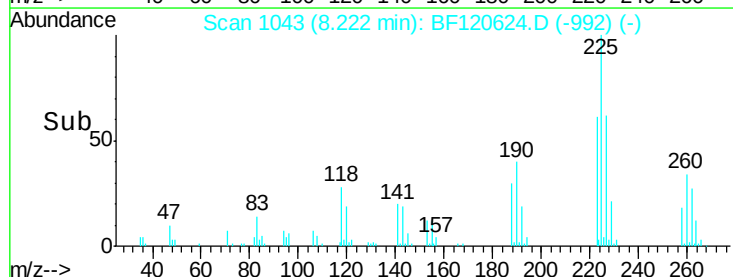
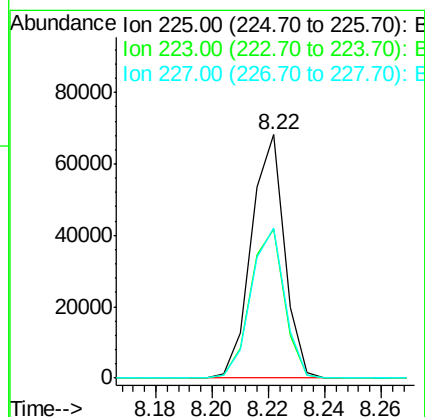
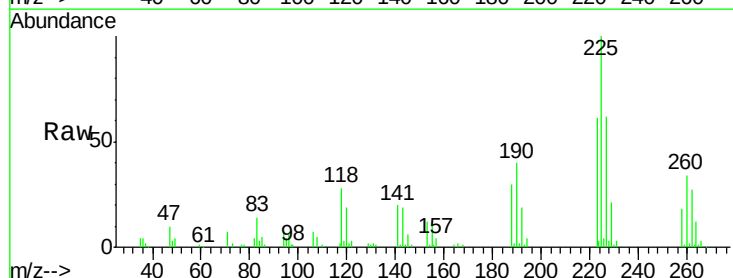
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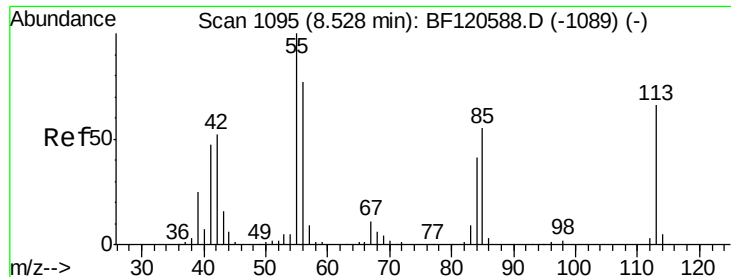
mohammad
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#34
Hexachlorobutadiene
Concen: 9.943 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.2	49.9	74.9	
227	61.7	50.5	75.7	





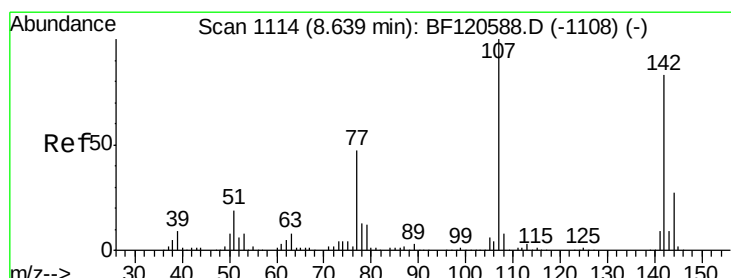
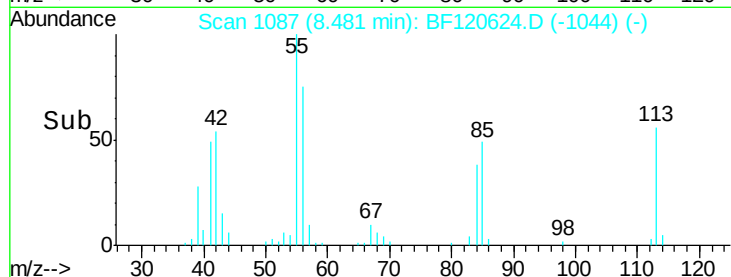
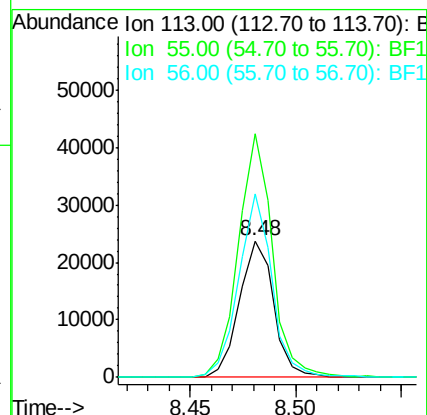
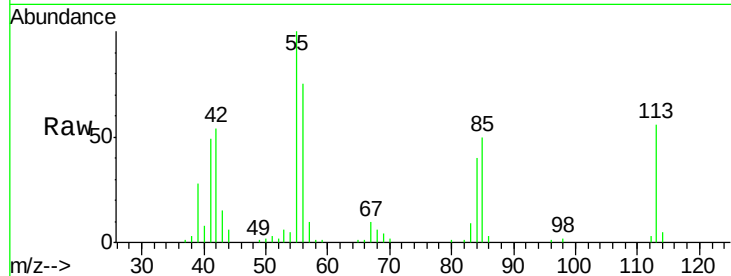
#35
Caprolactam
Concen: 9.685 ng
RT: 8.48 min Scan# 1087
Delta R.T. -0.05 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	178.2	133.1	173.1#
56	134.0	98.4	138.4

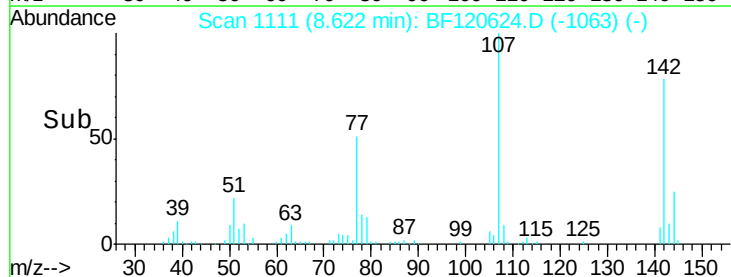
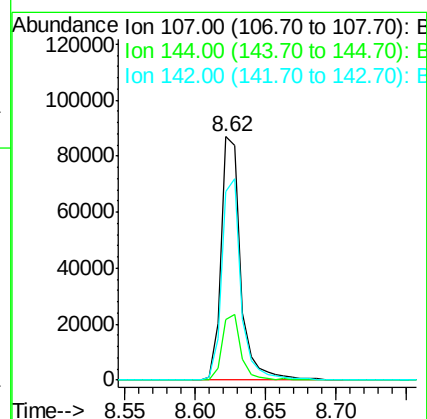
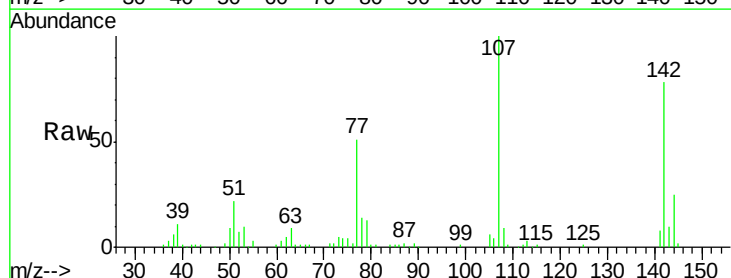
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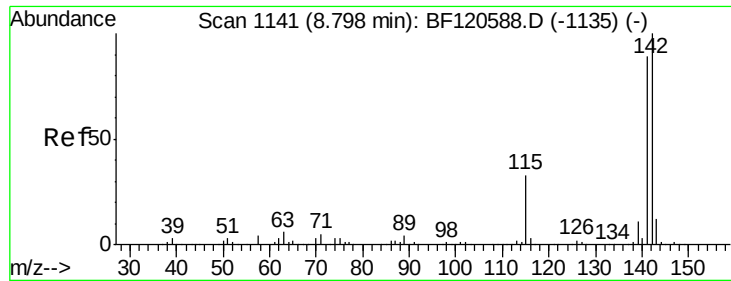
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#36
4-Chloro-3-methylphenol
Concen: 9.755 ng
RT: 8.62 min Scan# 1111
Delta R.T. -0.02 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.0	21.4	32.2
142	77.6	66.3	99.5





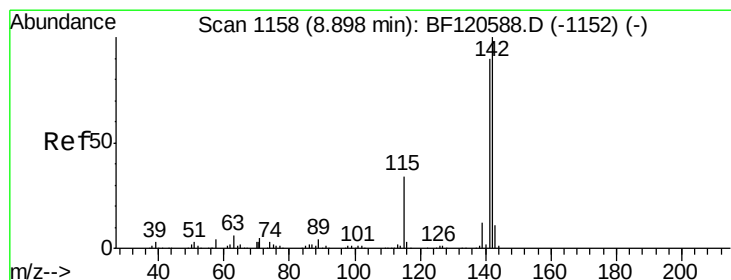
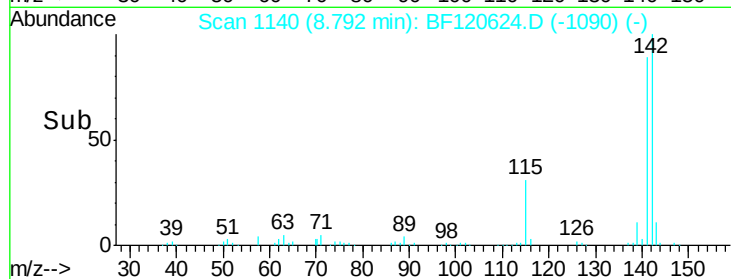
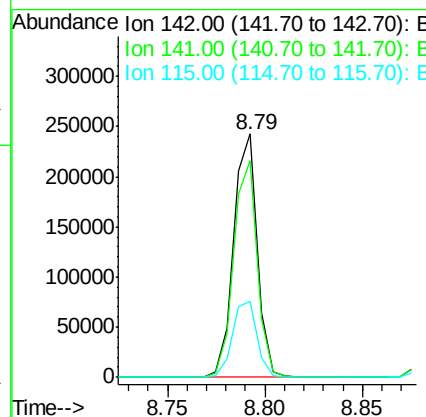
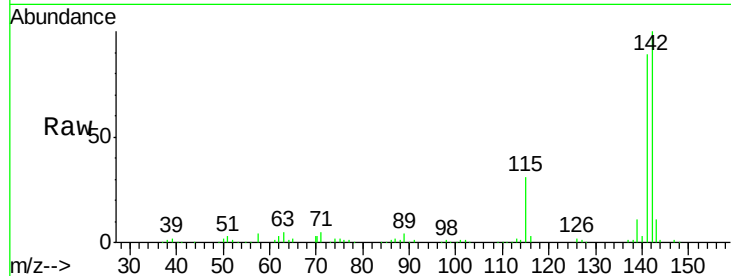
#37
2-Methylnaphthalene
Concen: 10.886 ng
RT: 8.79 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.0
115	31.3	26.1	39.1

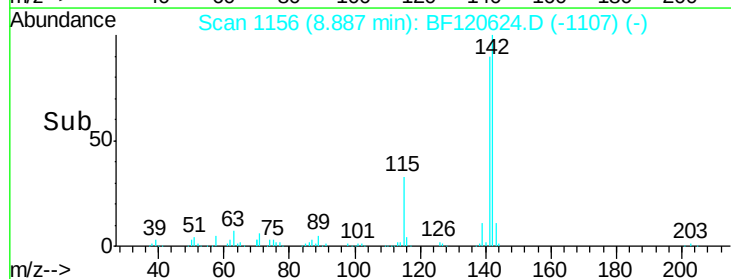
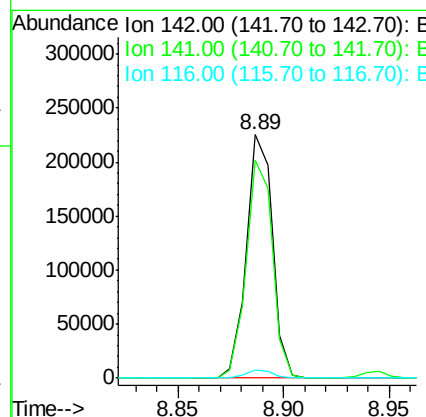
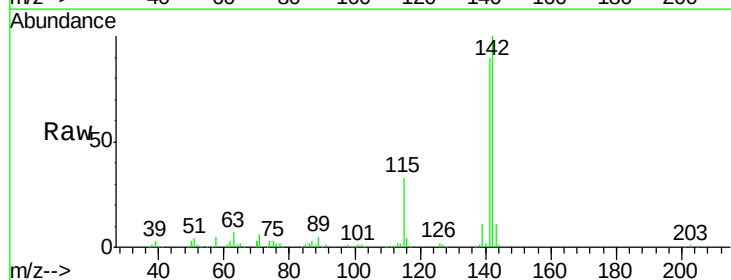
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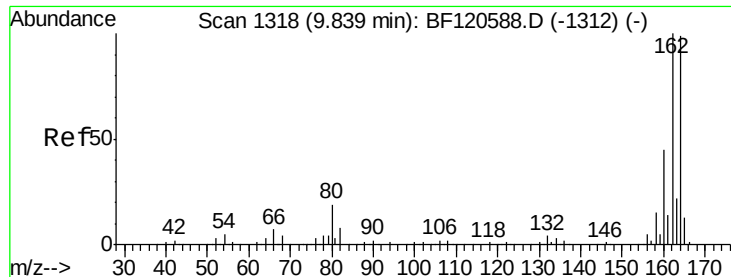
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#38
1-Methylnaphthalene
Concen: 10.997 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	72.1	108.1
116	3.6	2.7	4.1





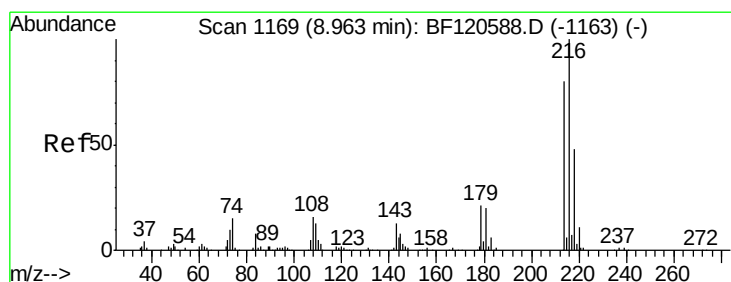
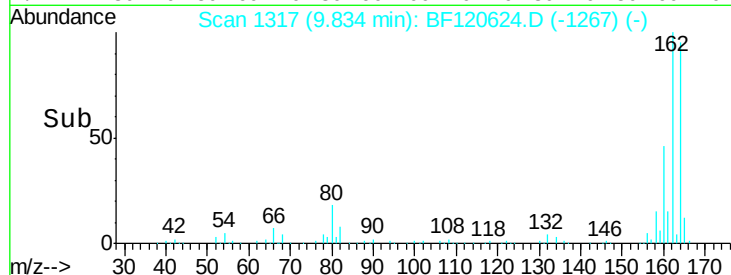
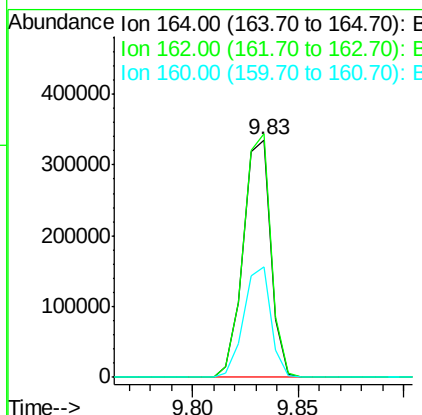
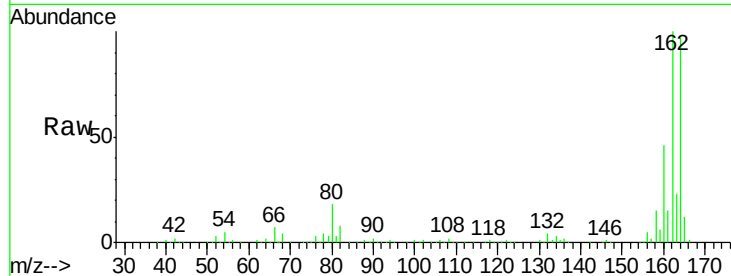
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion:	164	Resp:	303947
Ion Ratio	Lower	Upper	
164	100		
162	102.6	80.6	120.8
160	46.8	36.2	54.2

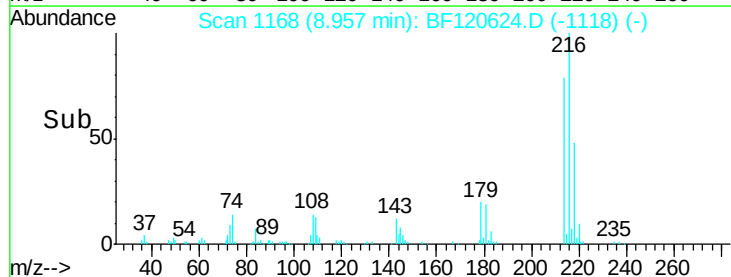
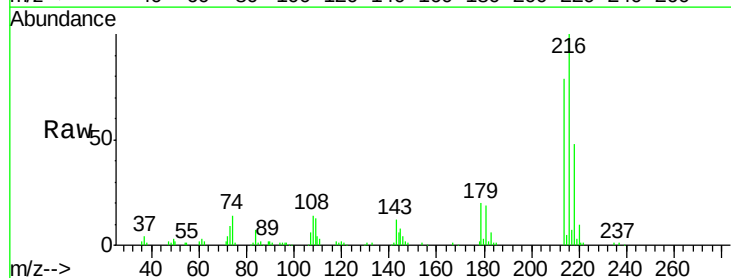
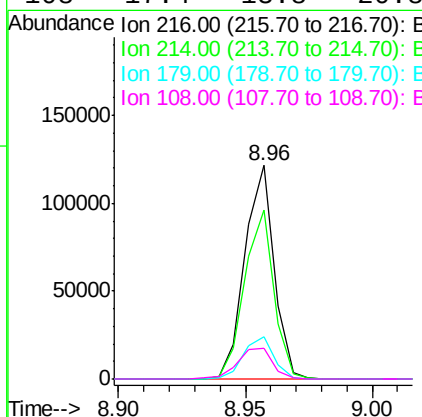
Manual Integrations
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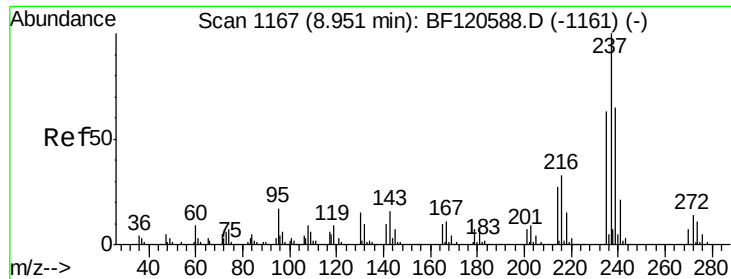
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 10.775 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion:	216	Resp:	97788
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.8	95.6
179	20.5	16.4	24.6
108	17.4	13.8	20.8





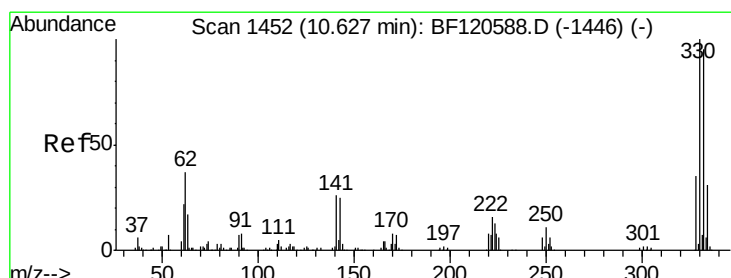
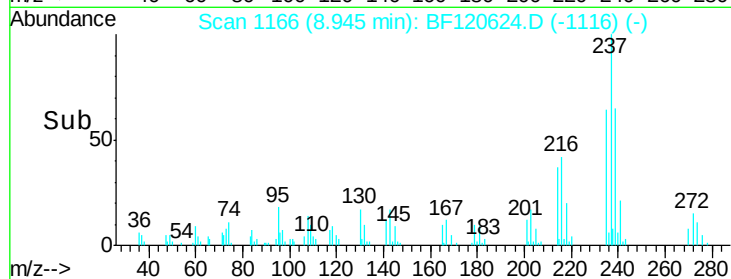
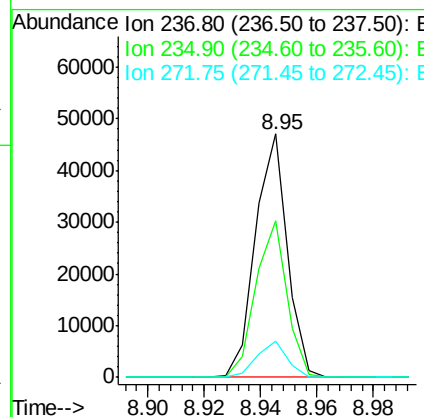
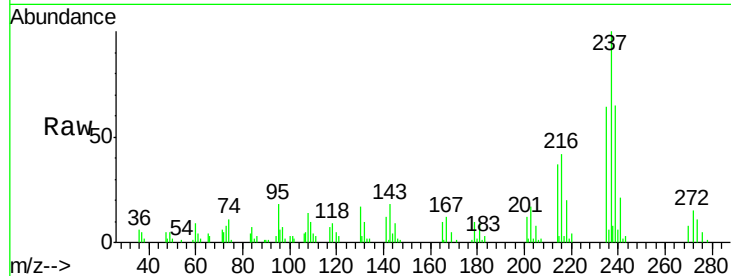
#41
Hexachlorocyclopentadiene
Concen: 7.237 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
237	100	36803		
235	64.3	43.2	83.2	
272	15.1	0.0	33.9	

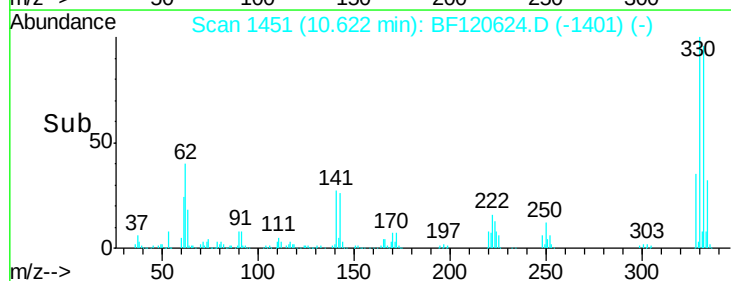
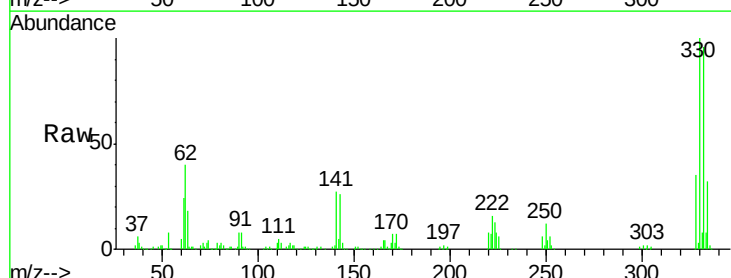
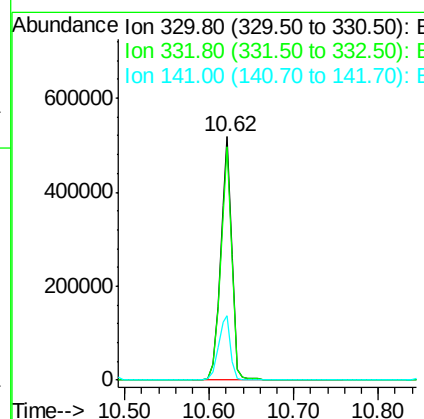
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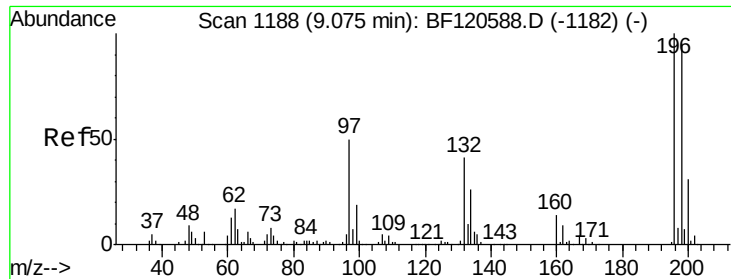
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#42
2,4,6-Tribromophenol
Concen: 140.518 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	496564		
332	95.6	76.8	115.2	
141	28.5	23.2	34.8	





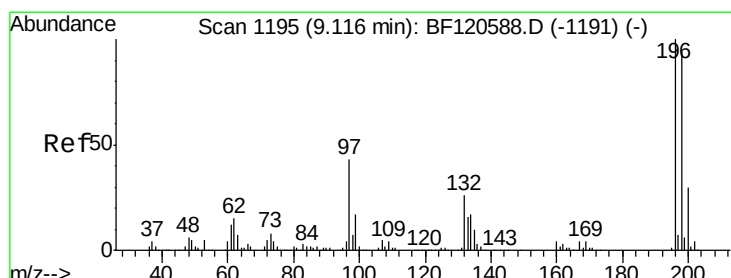
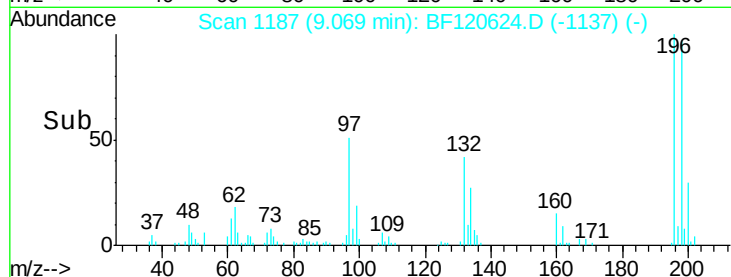
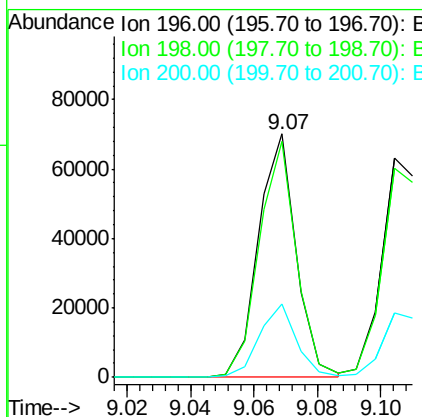
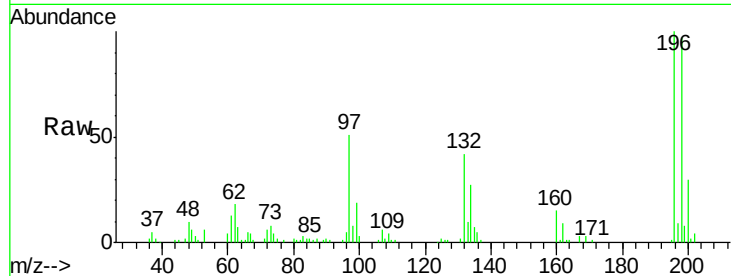
#43
 2,4,6-Trichlorophenol
 Concen: 9.030 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	58134		
198	96.9	76.2	114.2	
200	30.2	24.6	37.0	

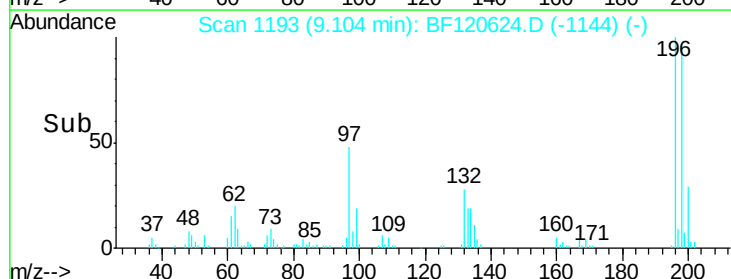
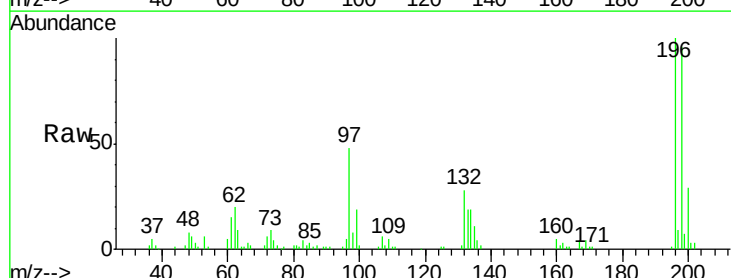
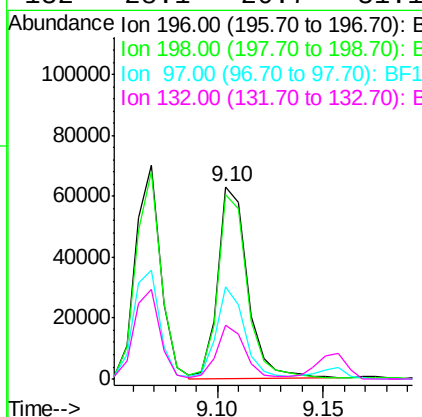
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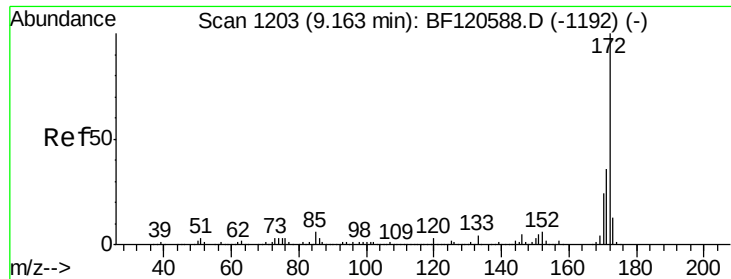
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#44
 2,4,5-Trichlorophenol
 Concen: 8.443 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	61668		
198	95.5	75.5	113.3	
97	48.1	34.4	51.6	
132	28.1	20.7	31.1	





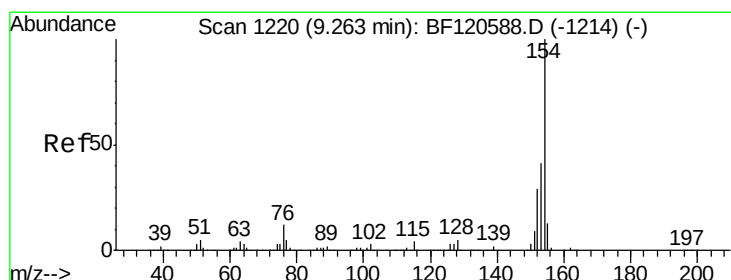
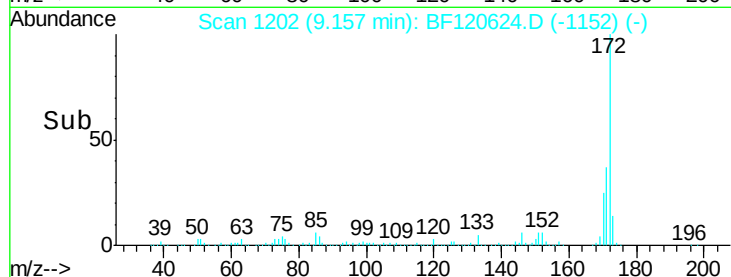
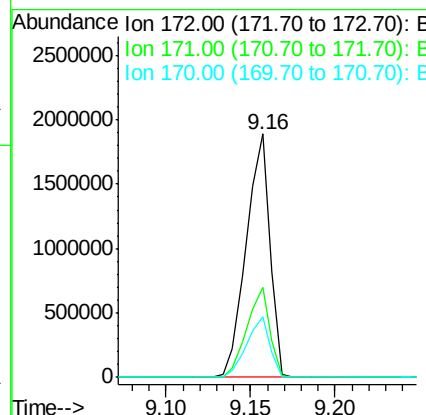
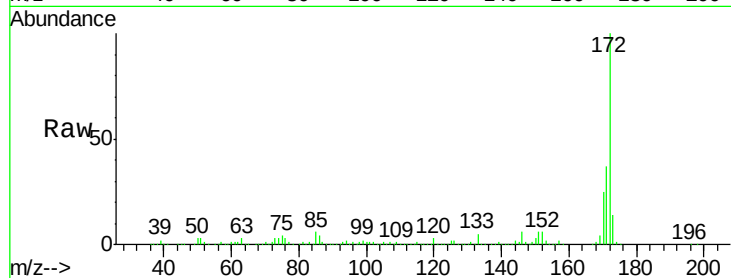
#45
2-Fluorobiphenyl
Concen: 93.236 ng
RT: 9.16 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.0	43.4
170	24.7	19.4	29.2

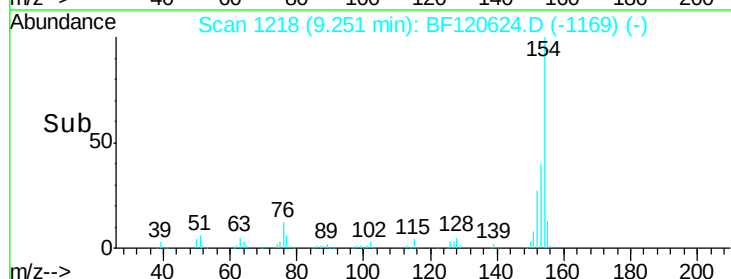
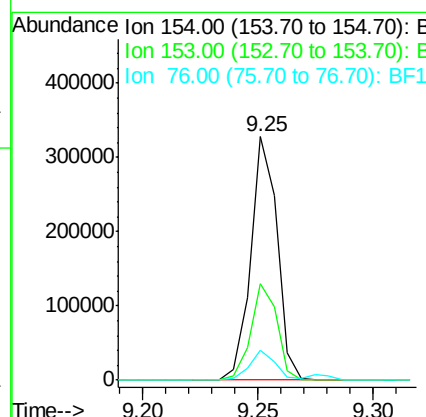
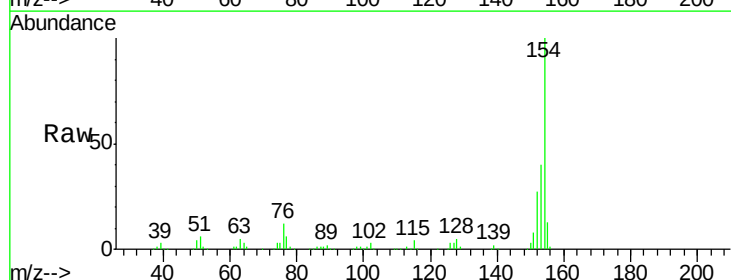
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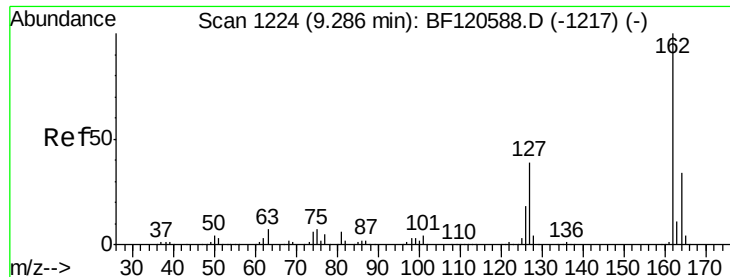
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#46
1,1'-Biphenyl
Concen: 11.539 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.6	21.4	61.4
76	12.4	0.0	31.6





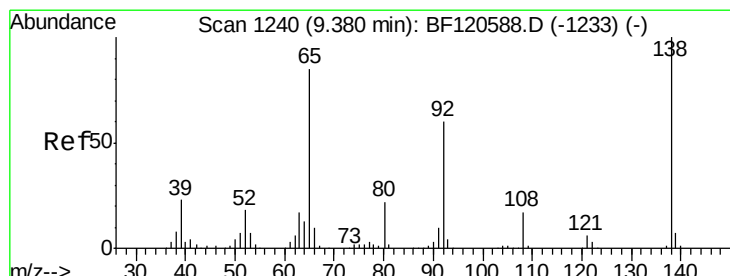
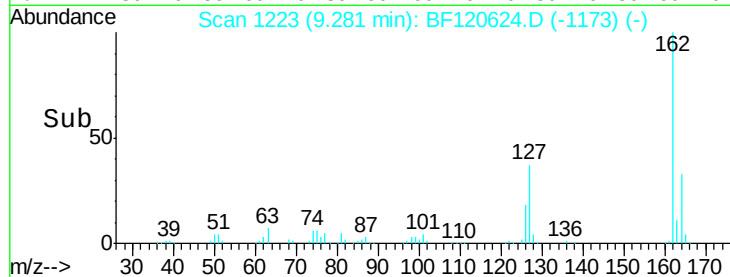
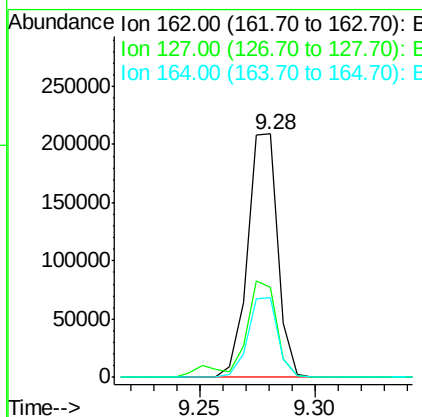
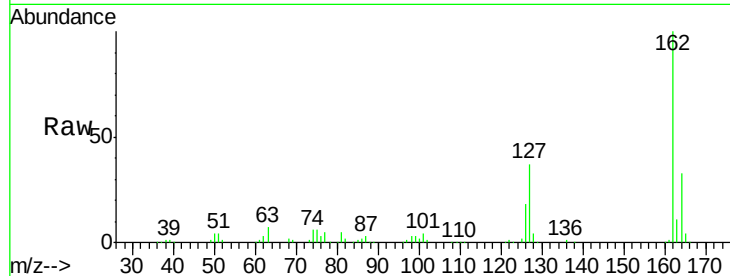
#47
 2-Chloronaphthalene
 Concen: 10.264 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		190491		
127	36.8	31.3	46.9		
164	32.7	26.9	40.3		

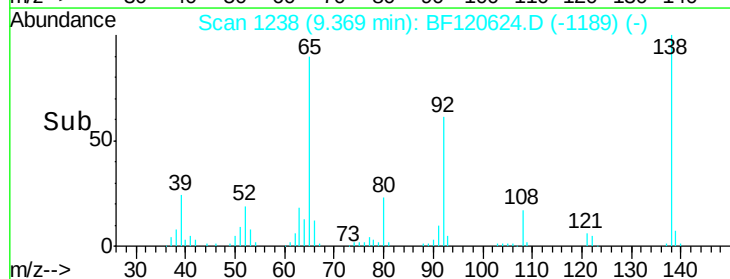
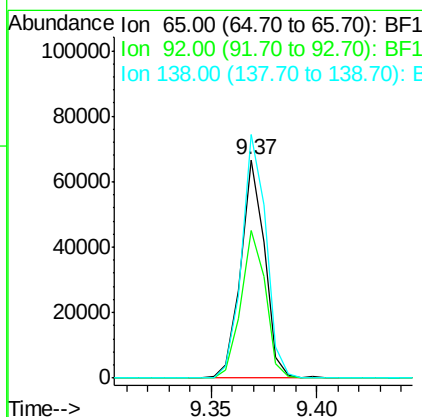
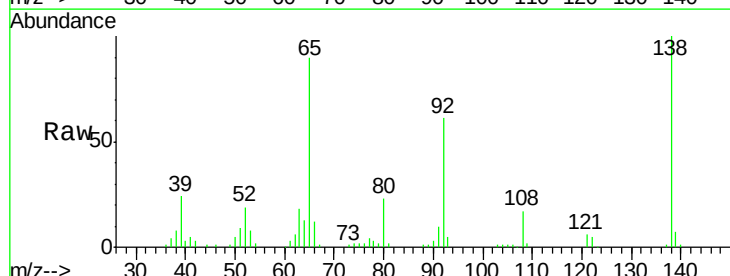
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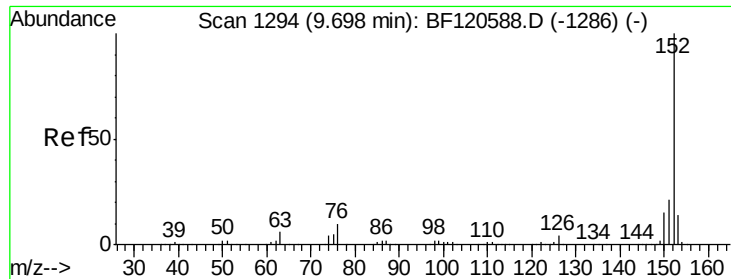
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#48
 2-Nitroaniline
 Concen: 8.919 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		51986		
92	67.4	56.0	84.0		
138	111.4	94.0	141.0		





#49

Acenaphthylene

Concen: 10.660 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

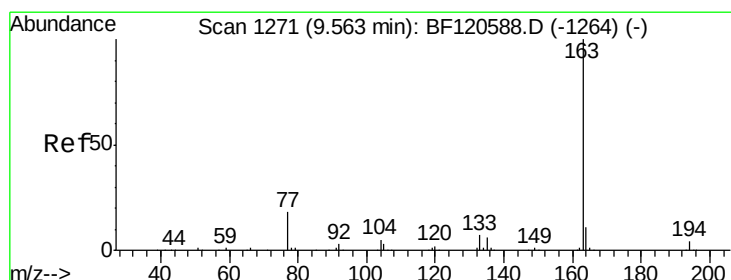
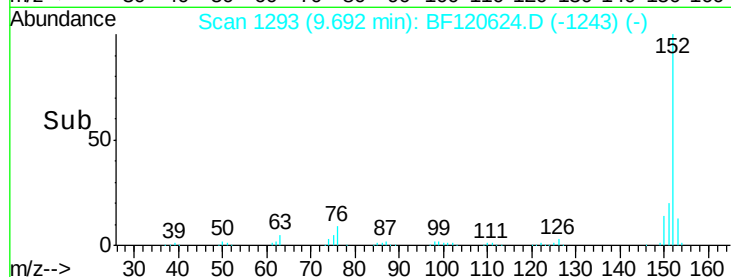
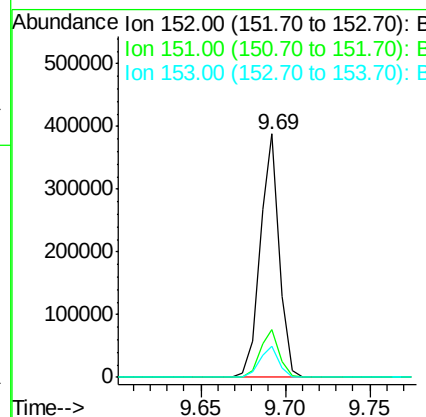
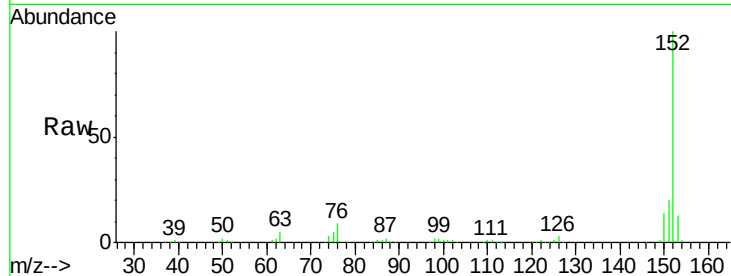
ClientSampleId :

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Tot Ion:	152	Resp:	305326
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.6	25.0
153	12.8	11.0	16.6

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#50

Dimethylphthalate

Concen: 9.724 ng

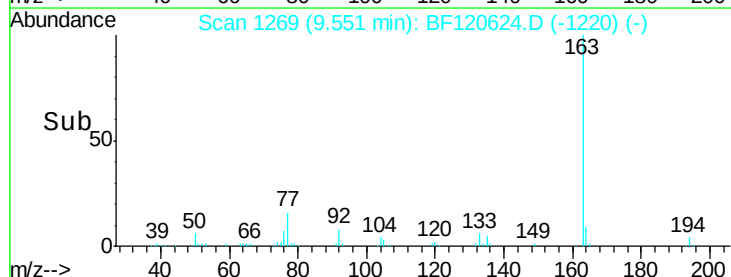
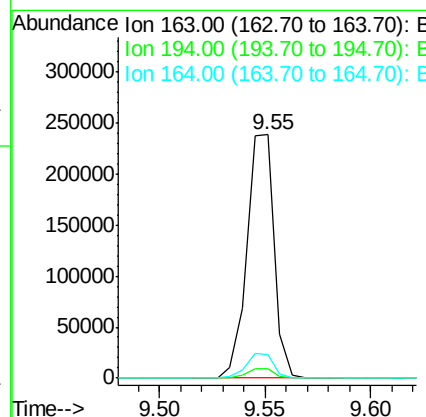
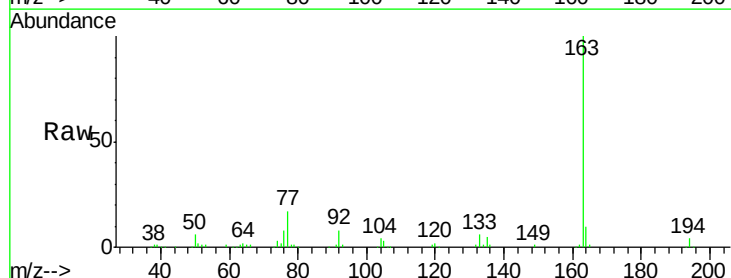
RT: 9.55 min Scan# 1269

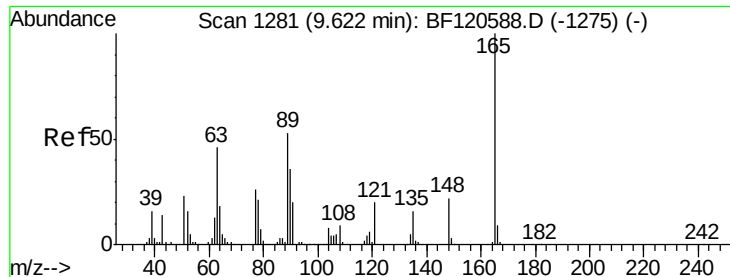
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	163	Resp:	212871
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.1	4.7
164	9.9	8.5	12.7





#51

2,6-Dinitrotoluene

Concen: 9.059 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

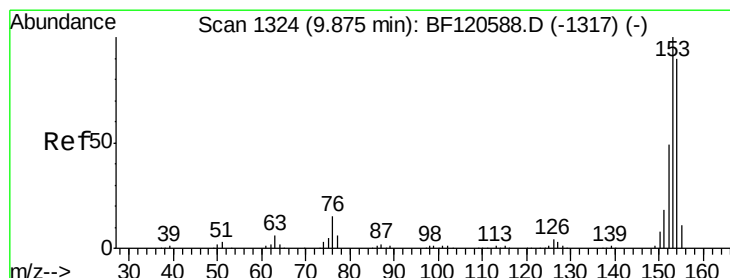
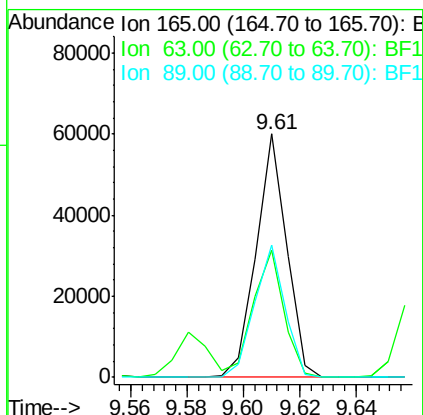
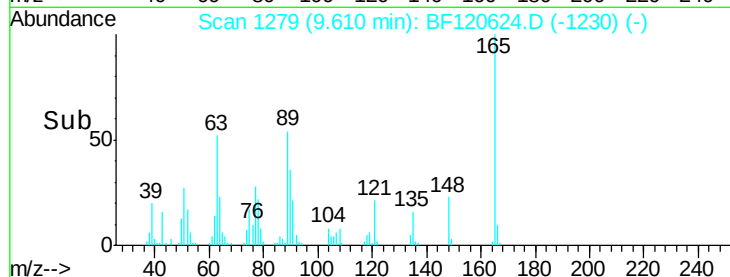
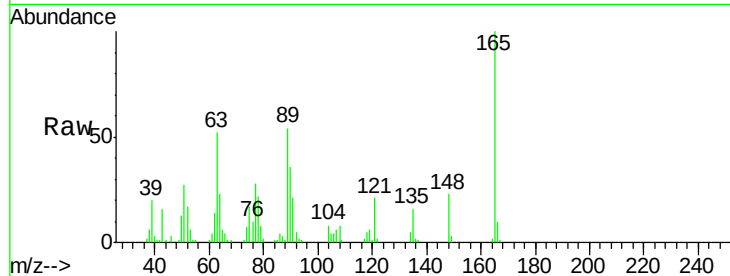
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	165	Resp:	44939
Ion Ratio	Lower	Upper	
165	100		
63	52.3	41.7	62.5
89	54.3	42.6	64.0

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#52

Acenaphthene

Concen: 10.352 ng

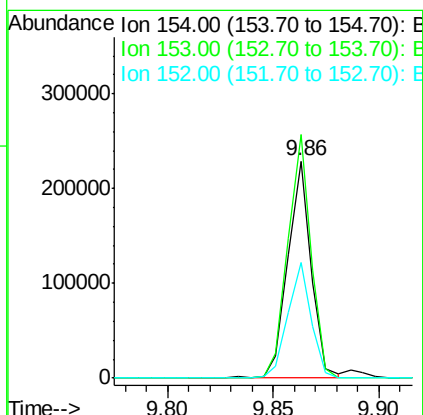
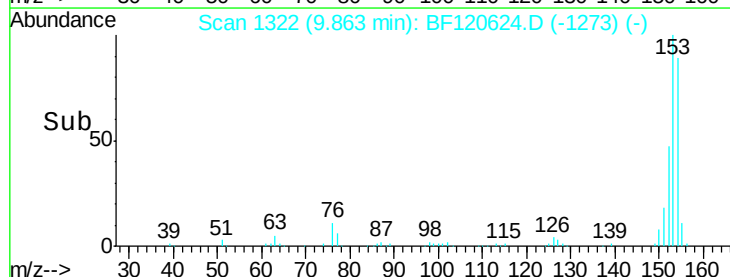
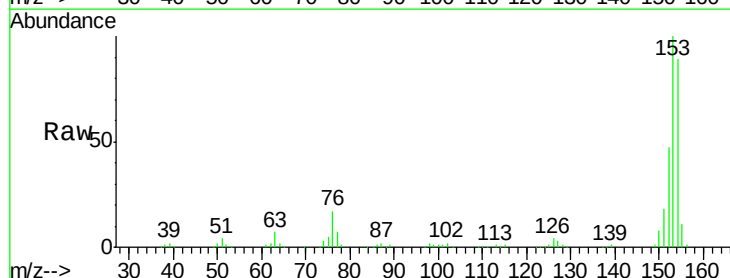
RT: 9.86 min Scan# 1322

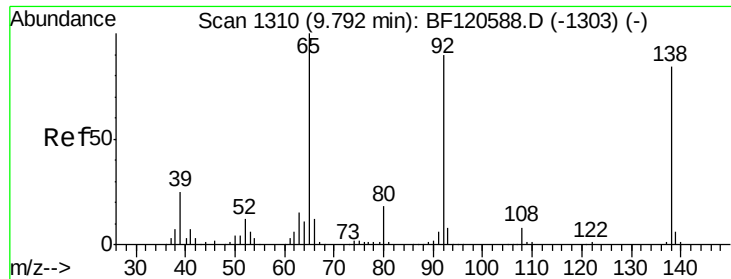
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	154	Resp:	176839
Ion Ratio	Lower	Upper	
154	100		
153	112.3	89.1	133.7
152	53.3	43.7	65.5





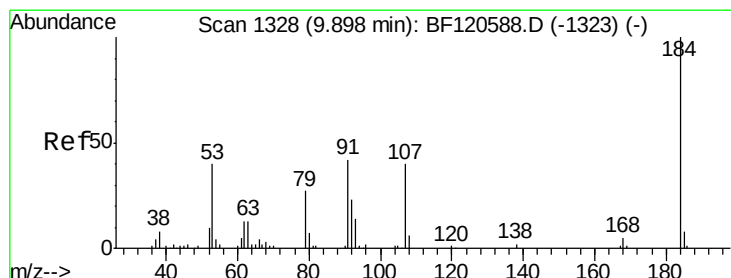
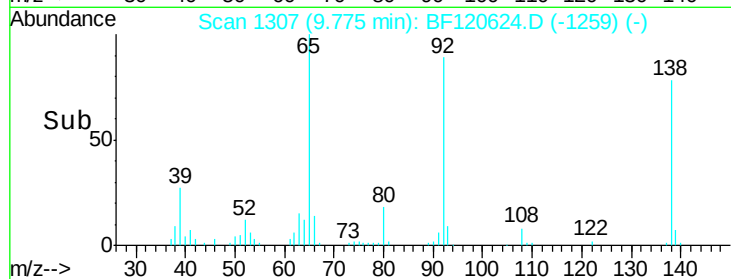
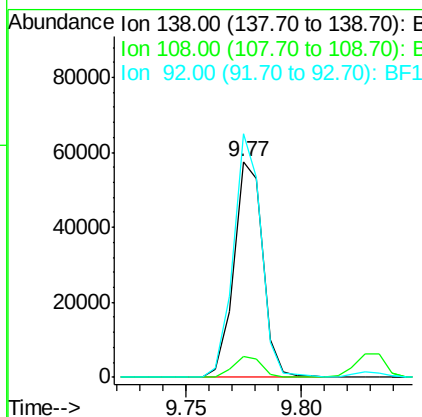
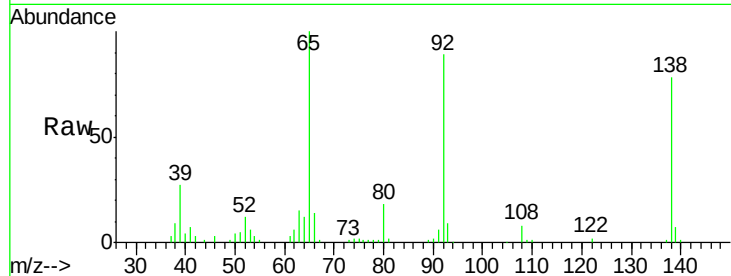
#53
 3-Nitroaniline
 Concen: 8.433 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.02 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.0	12.0
92	112.8	86.0	129.0

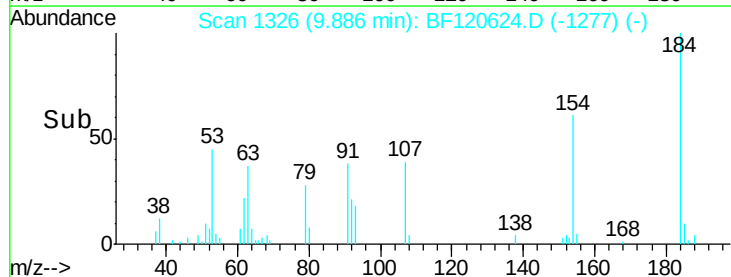
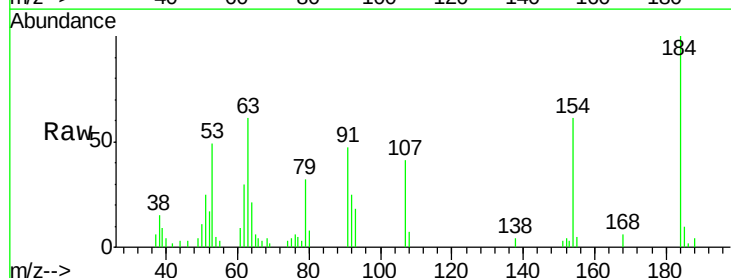
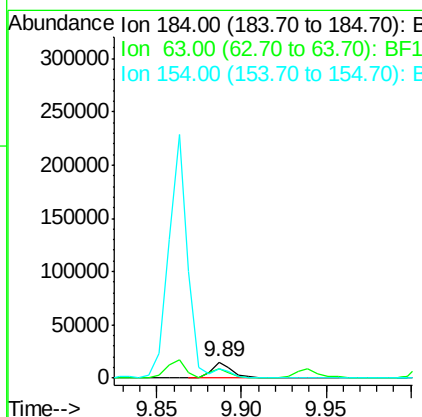
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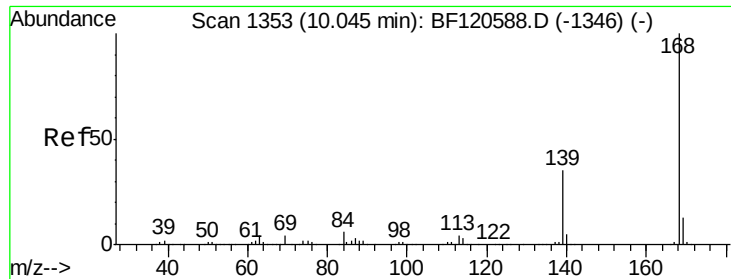
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#54
 2,4-Dinitrophenol
 Concen: 5.212 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	44.2	66.2
154	61.2	45.9	68.9





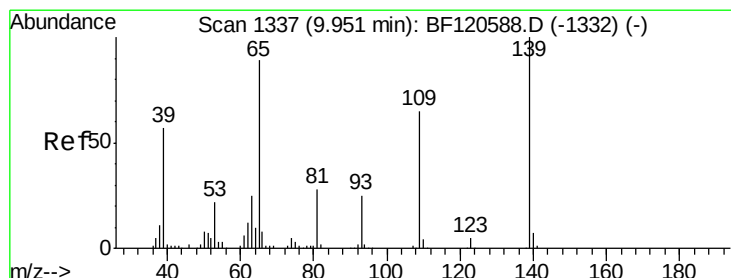
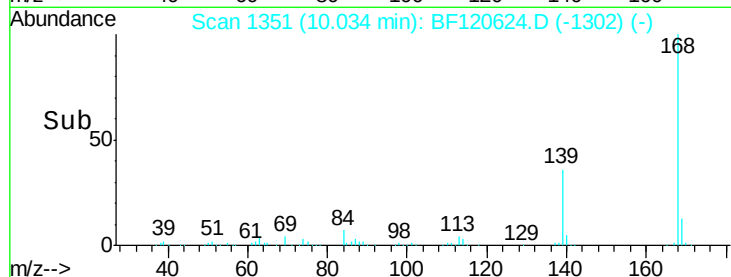
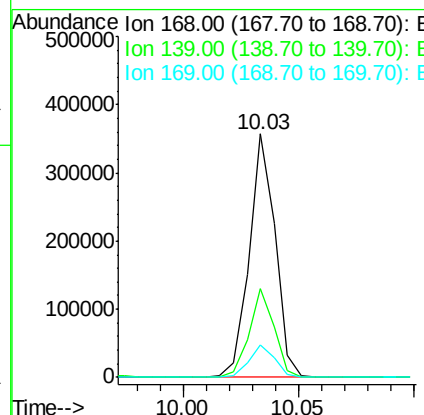
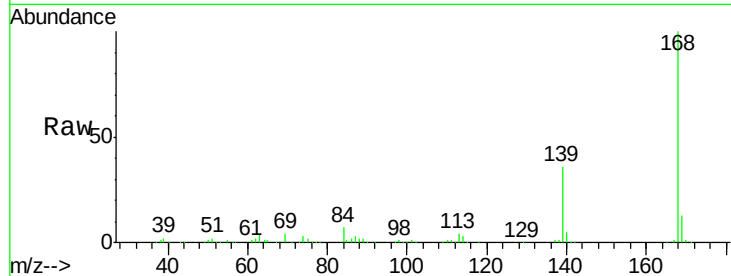
#55
Dibenzenofuran
Concen: 10.674 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
168	100	279596		
139	36.3		28.1	42.1
169	13.3		10.6	16.0

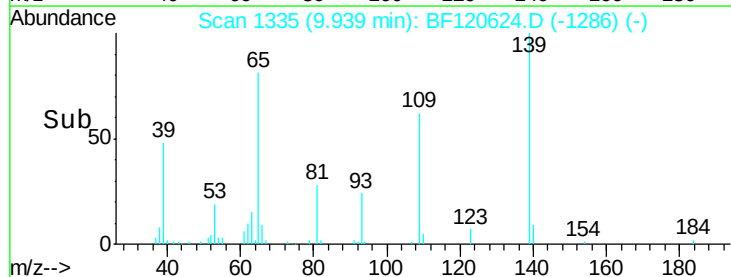
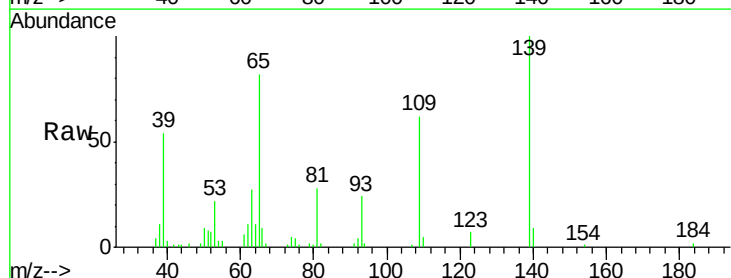
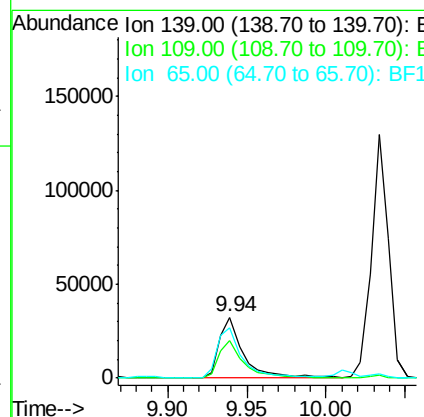
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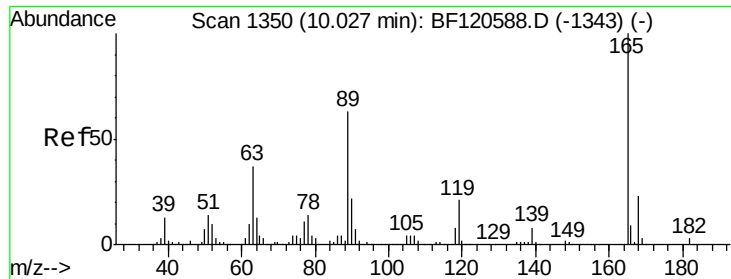
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#56
4-Nitrophenol
Concen: 7.785 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	34938		
109	62.1		44.6	84.6
65	82.4		69.2	109.2





#57

2,4-Dinitrotoluene

Concen: 9.025 ng

RT: 10.01 min Scan# 1347

Delta R.T. -0.02 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

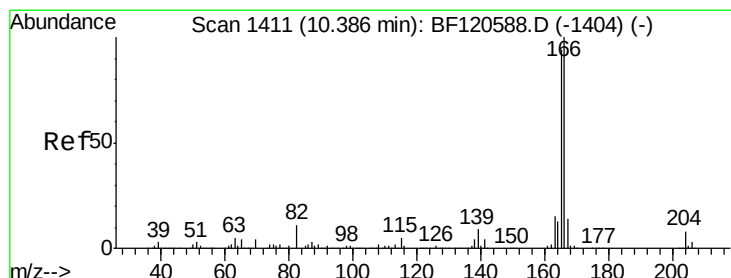
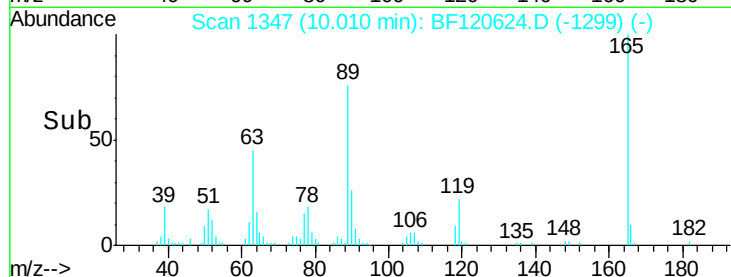
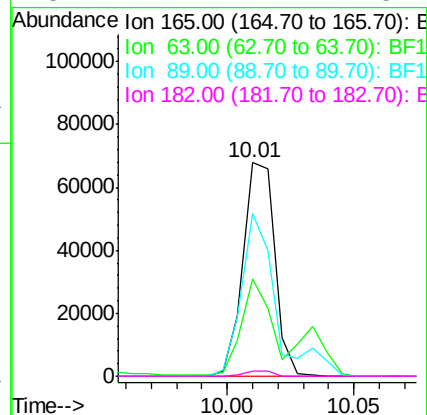
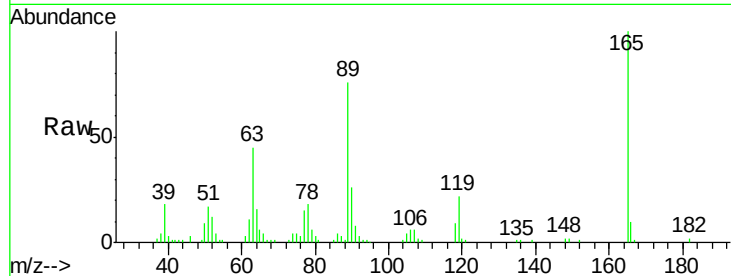
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	165	Resp:	59412
Ion Ratio	Lower	Upper	
165	100		
63	45.4	29.8	44.8#
89	75.9	50.4	75.6#
182	2.4	2.1	3.1

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#58

Fluorene

Concen: 10.543 ng

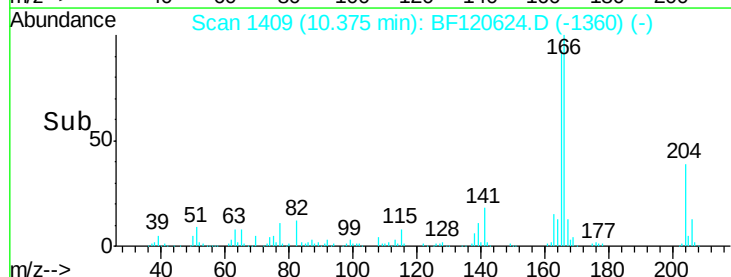
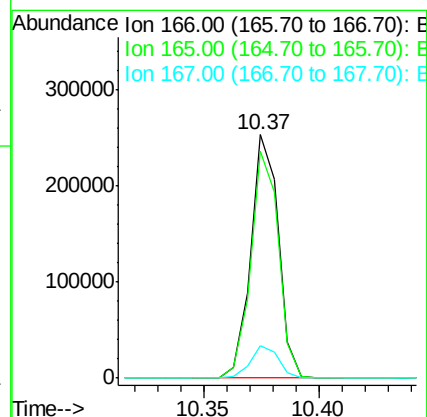
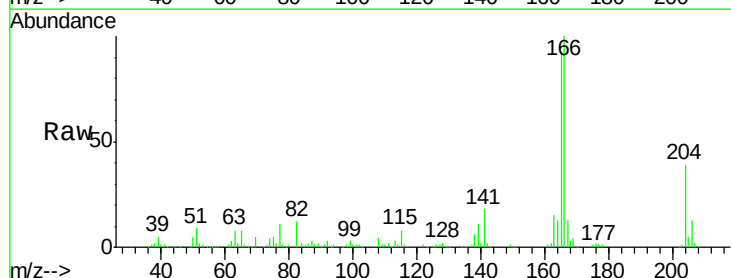
RT: 10.37 min Scan# 1409

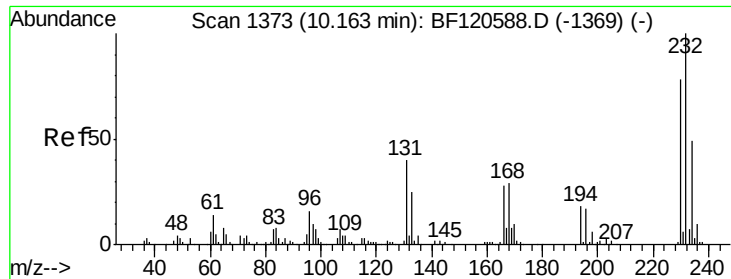
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	166	Resp:	212896
Ion Ratio	Lower	Upper	
166	100		
165	93.4	75.0	112.6
167	13.3	11.0	16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 8.963 ng

RT: 10.15 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

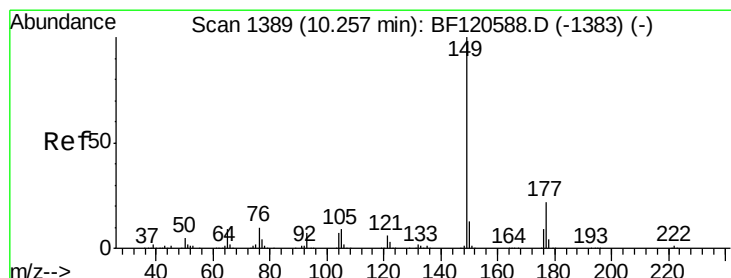
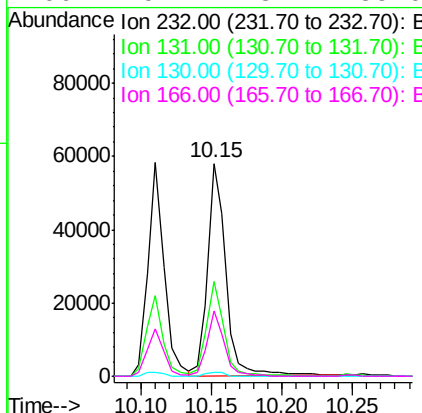
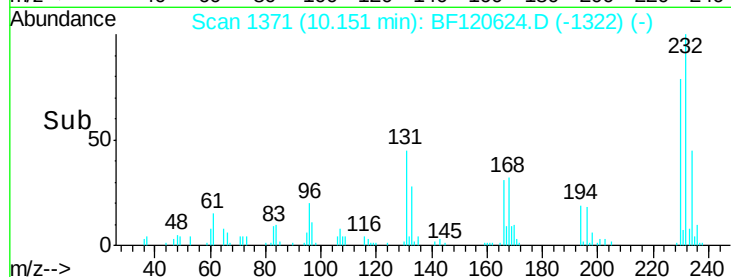
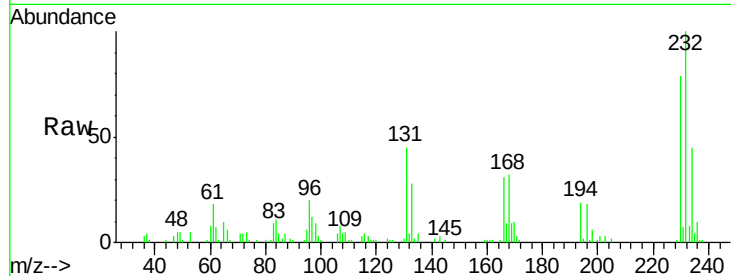
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	232	Resp:	51501
Ion Ratio	Lower	Upper	
232	100		
131	43.7	33.5	50.3
130	1.9	1.5	2.3
166	29.2	23.4	35.0

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#60

Diethylphthalate

Concen: 9.919 ng

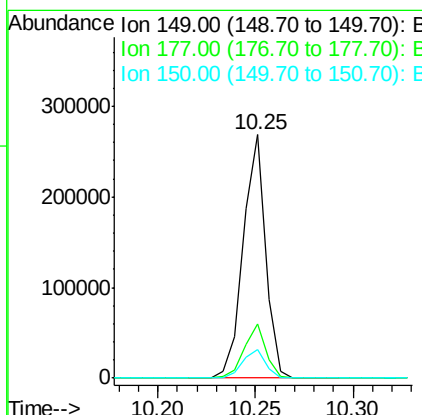
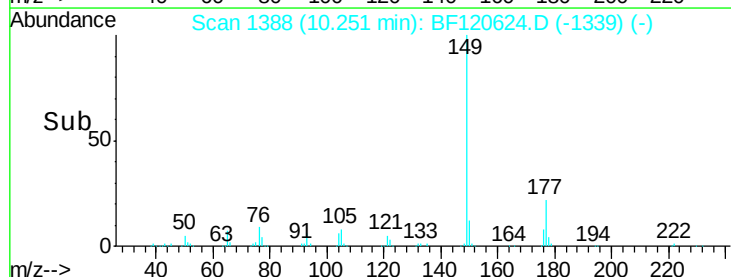
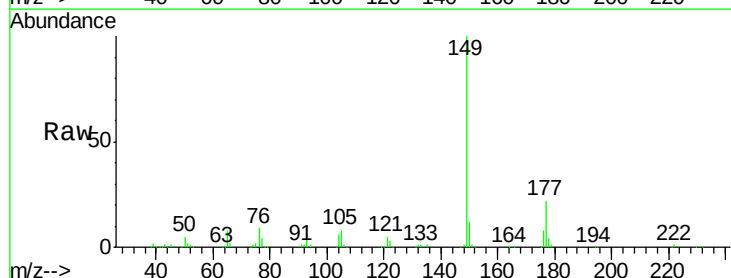
RT: 10.25 min Scan# 1388

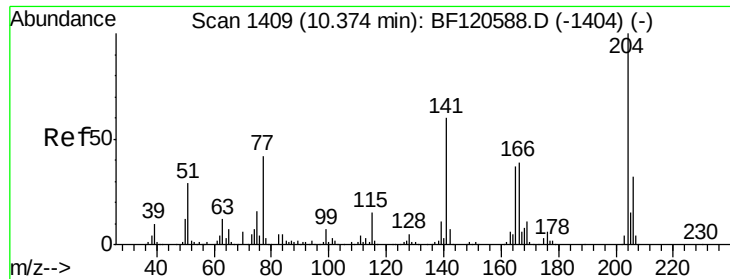
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	149	Resp:	213858
Ion Ratio	Lower	Upper	
149	100		
177	22.3	17.3	25.9
150	11.9	10.3	15.5





#61

4-Chlorophenyl-phenylether

Concen: 10.246 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

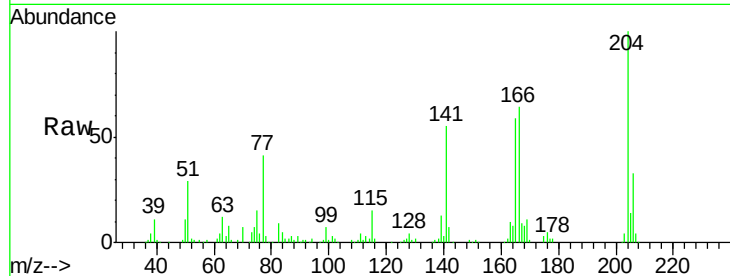
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	204	Resp:	106840
Ion Ratio	Lower	Upper	
204	100		
206	32.5	25.9	38.9
141	54.9	47.6	71.4

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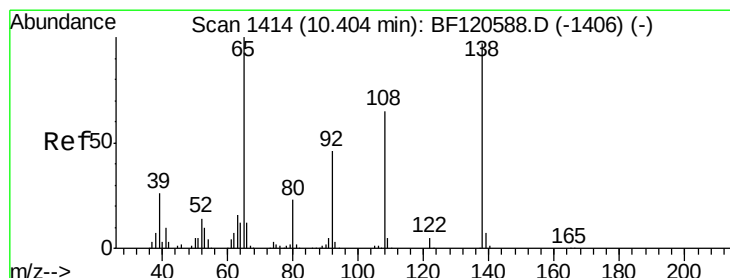
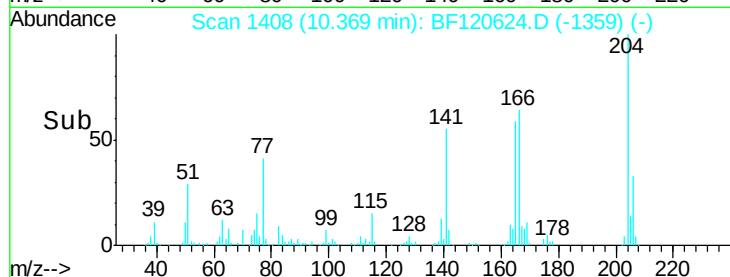
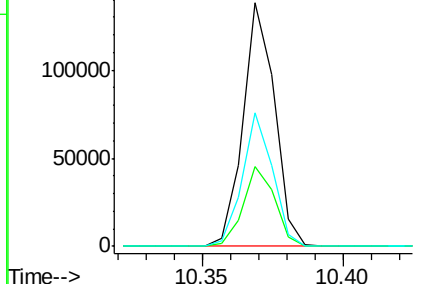
mohammad
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Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 8.546 ng

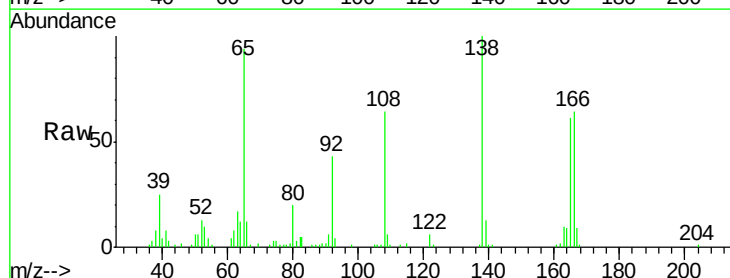
RT: 10.39 min Scan# 1411

Delta R.T. -0.02 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

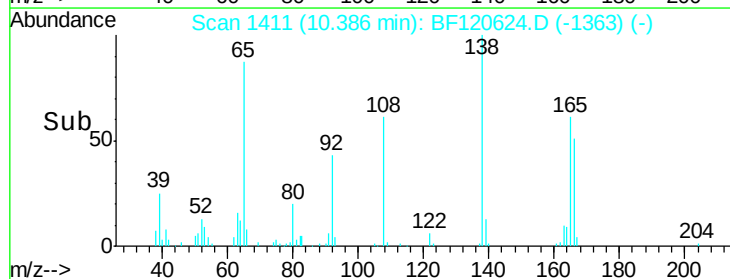
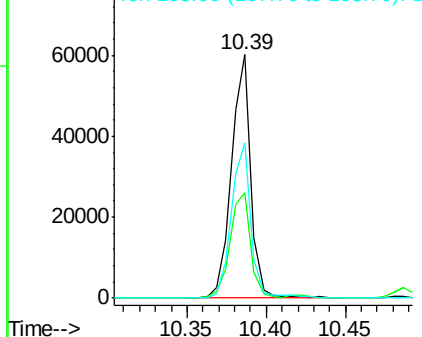
Tgt Ion:	138	Resp:	50554
Ion Ratio	Lower	Upper	
138	100		
92	43.1	27.3	67.3
108	63.9	47.4	87.4

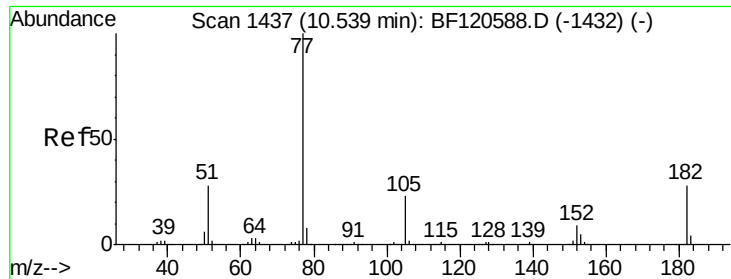


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 10.519 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

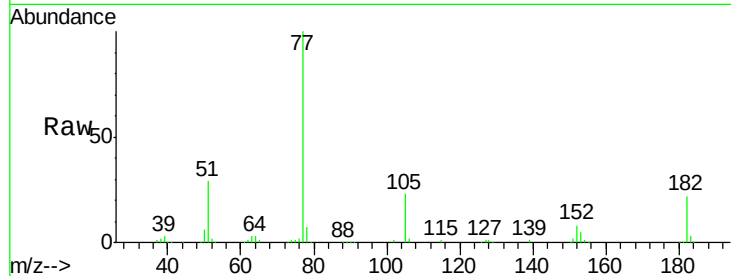
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	22.1	7.7	47.7		
105	22.8	3.2	43.2		
51	29.1	8.5	48.5		

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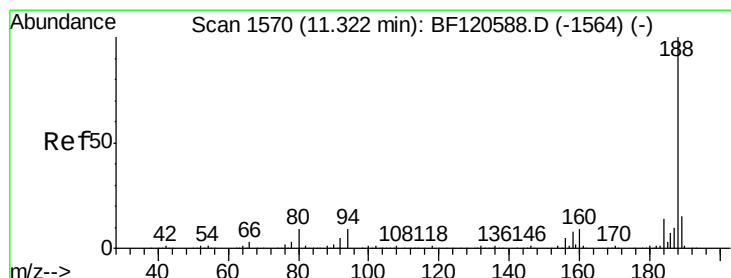
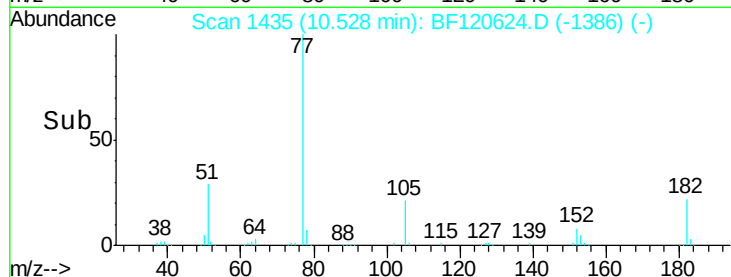
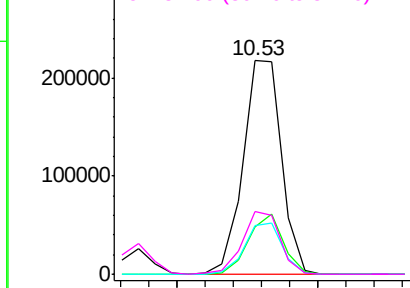


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

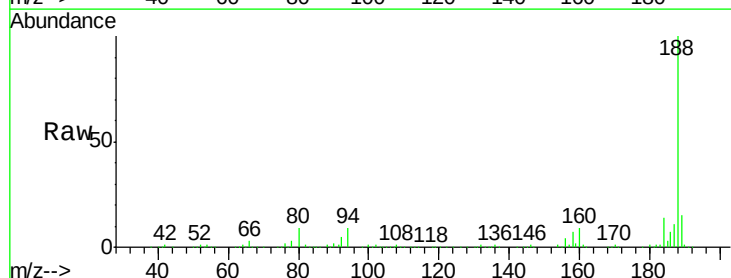
RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

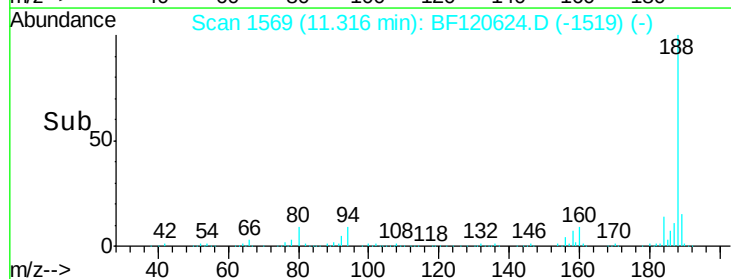
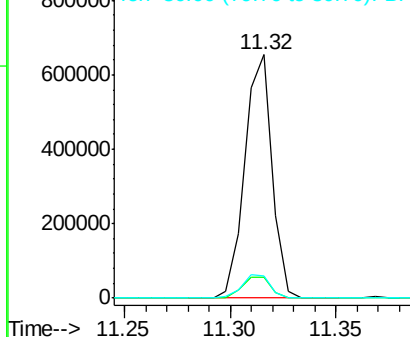
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	7.2	10.8		
80	8.9	7.4	11.2		

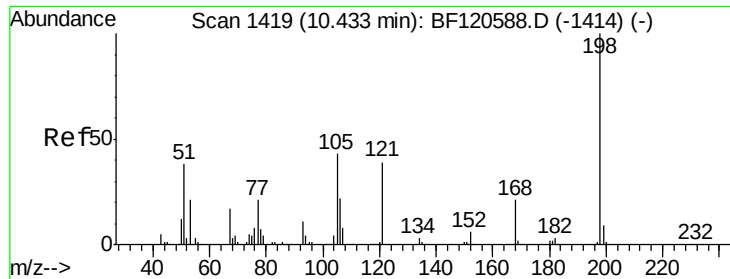


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





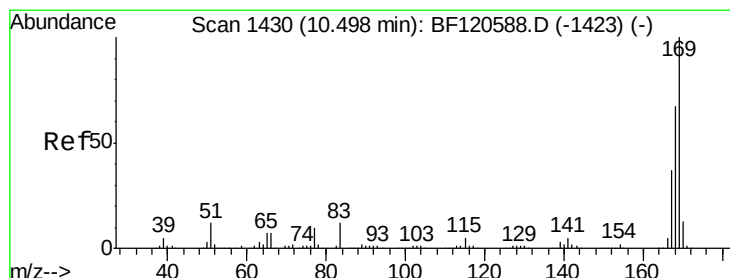
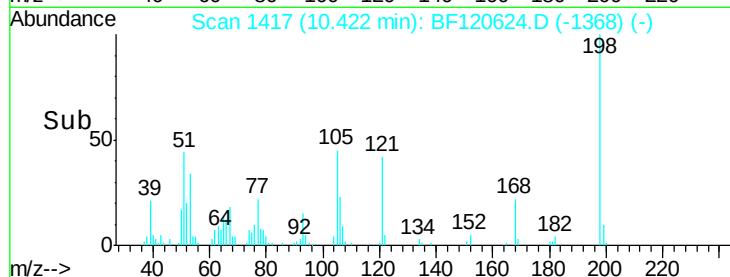
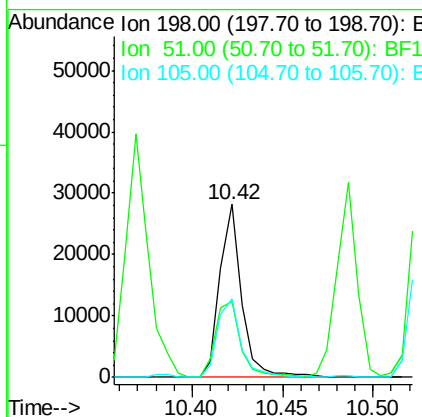
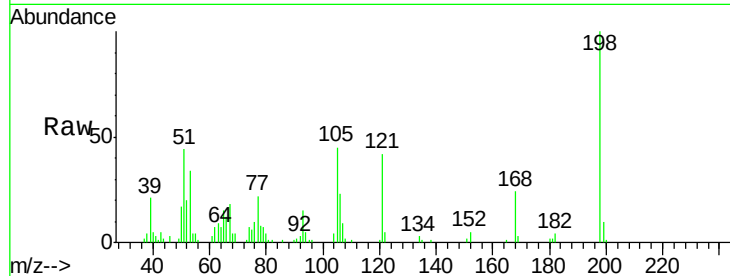
#65
4,6-Dinitro-2-methylphenol
Concen: 6.775 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	44.0	24.8	64.8
105	45.4	23.9	63.9

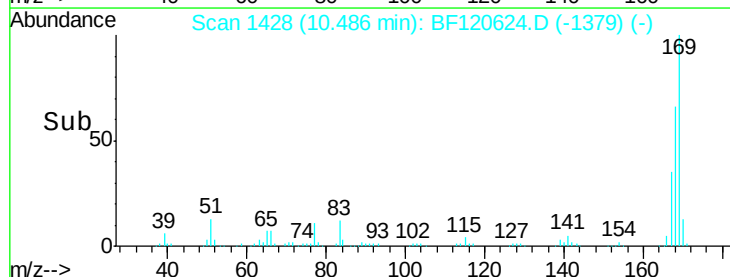
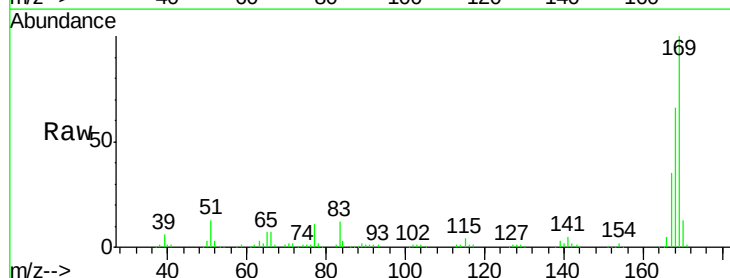
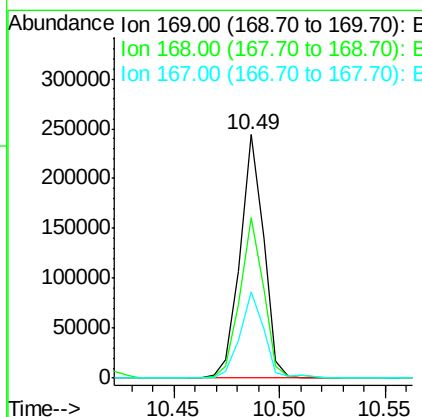
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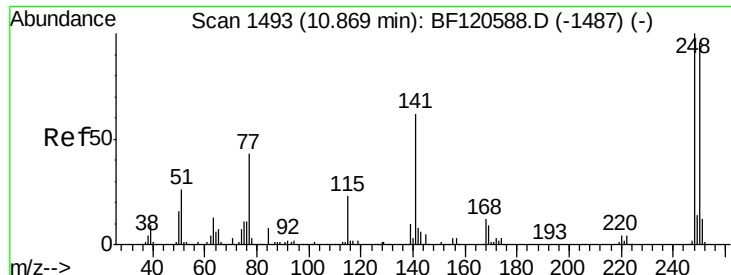
mohammad
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#66
n-Nitrosodiphenylamine
Concen: 10.451 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.7	53.7	80.5
167	35.4	29.9	44.9





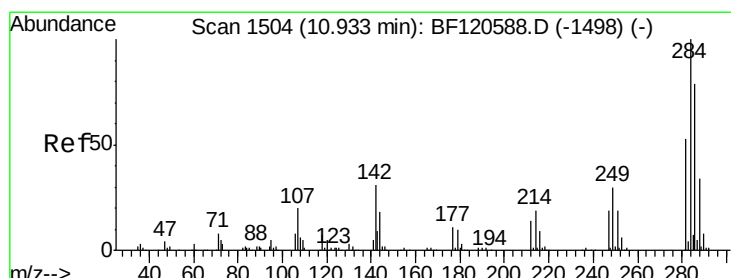
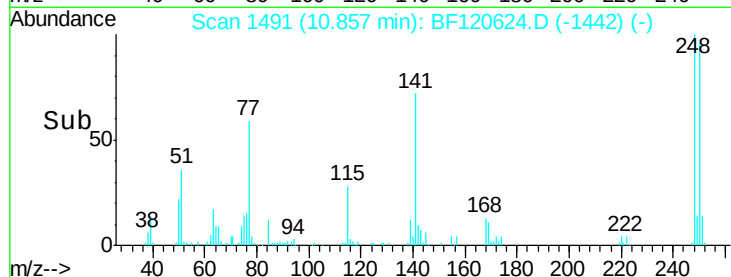
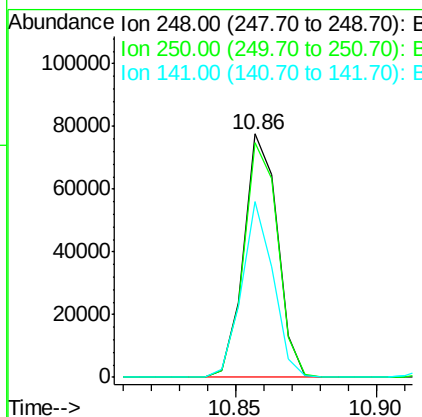
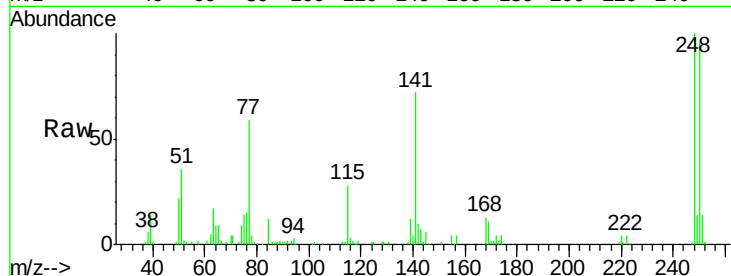
#67
 4-Bromophenyl-phenylether
 Concen: 9.688 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.7	115.1
141	72.4	49.4	74.0

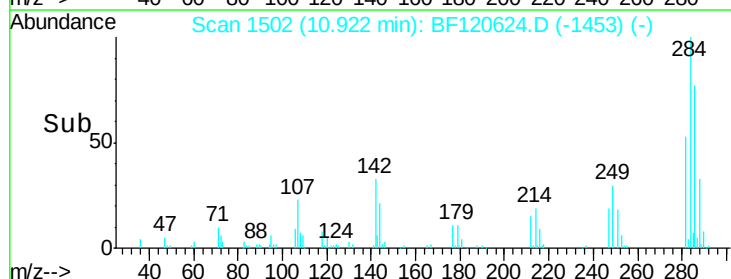
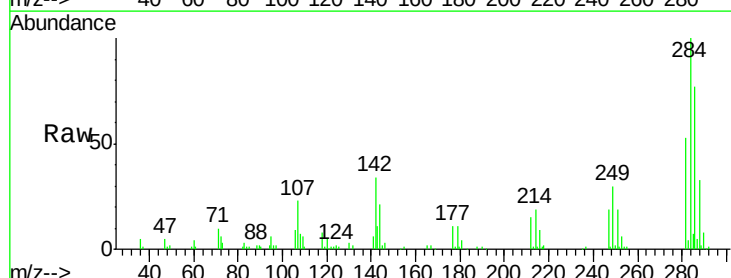
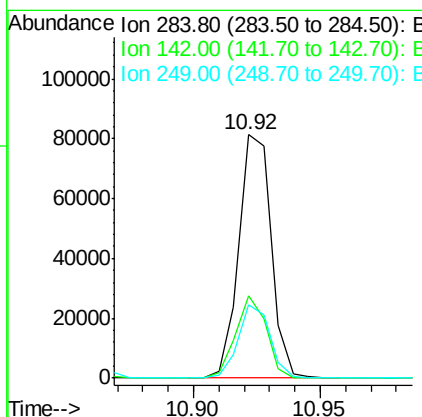
Manual Integrations
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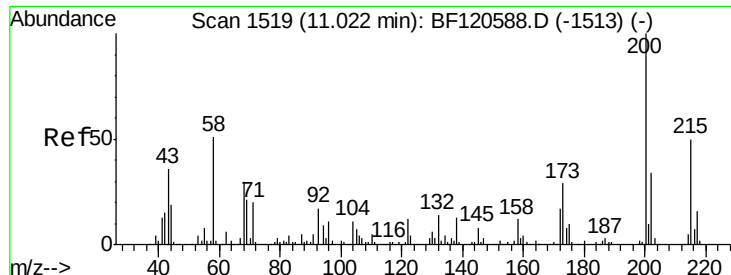
mohammad
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#68
 Hexachlorobenzene
 Concen: 10.116 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.9	25.1	37.7
249	29.9	24.0	36.0





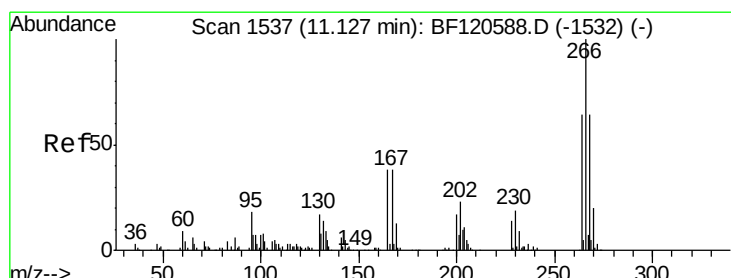
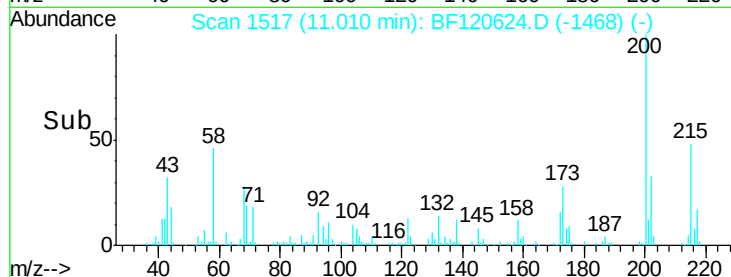
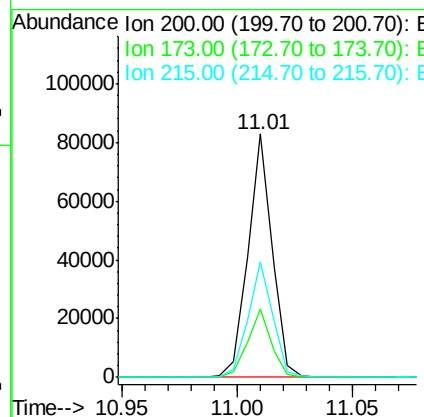
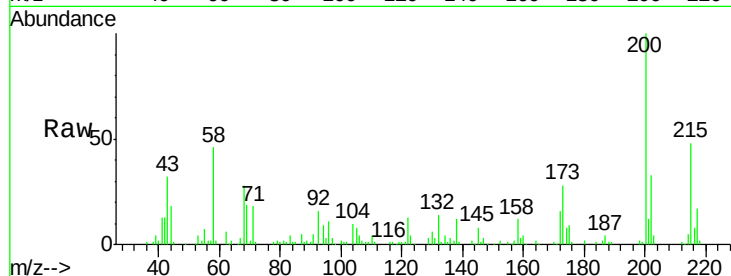
#69
Atrazine
Concen: 10.915 ng
RT: 11.01 min Scan# 1517
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.1	9.1	49.1
215	47.7	29.8	69.8

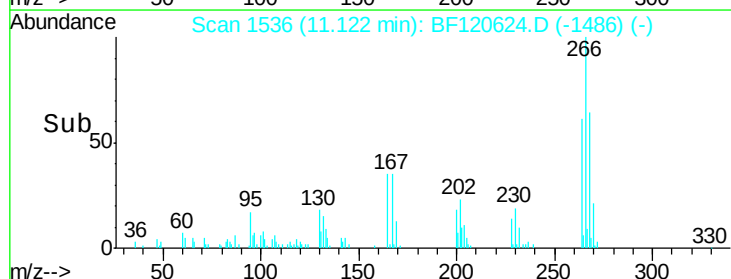
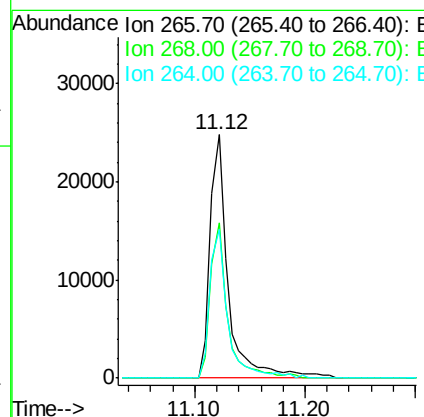
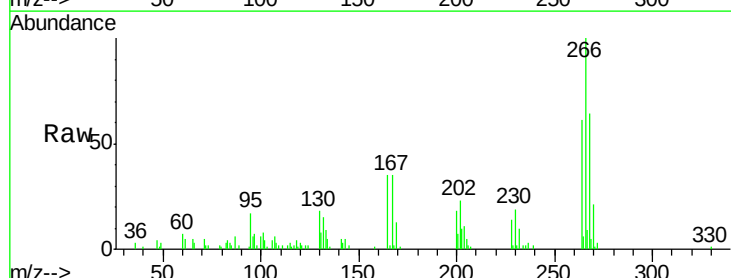
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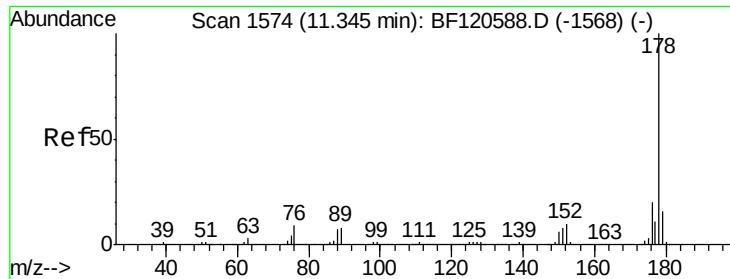
mohammad
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#70
Pentachlorophenol
Concen: 6.955 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	51.4	77.0
264	61.2	50.8	76.2





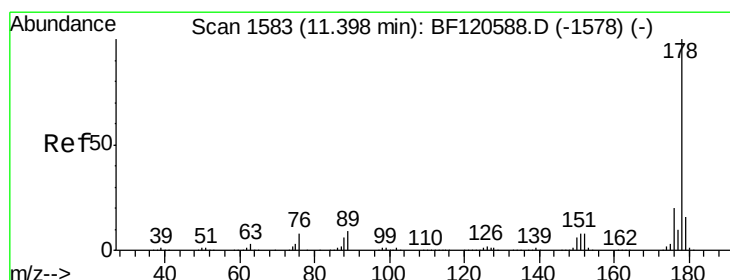
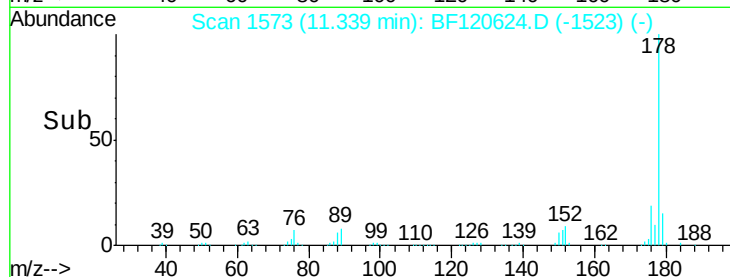
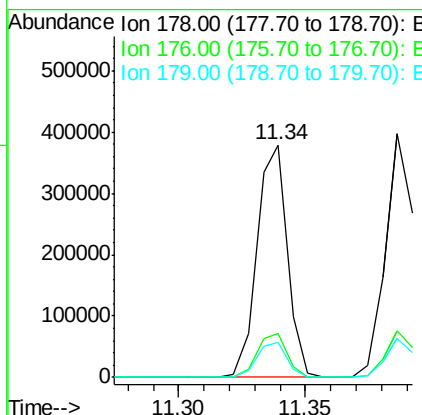
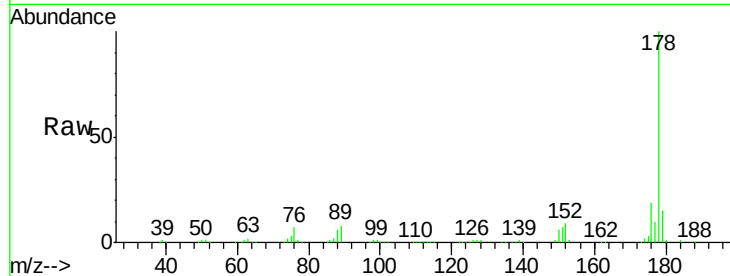
#71
Phenanthrene
Concen: 10.915 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.9	23.9
179	14.9	12.8	19.2

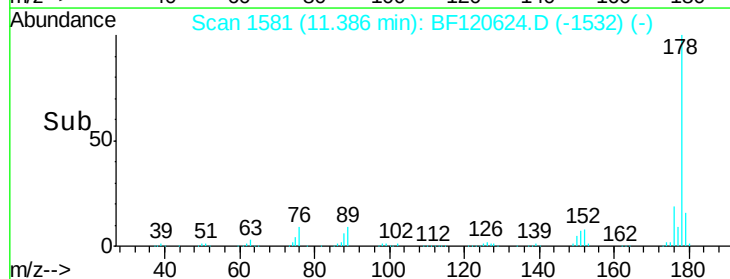
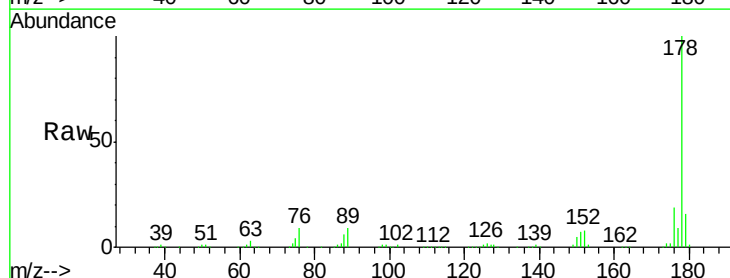
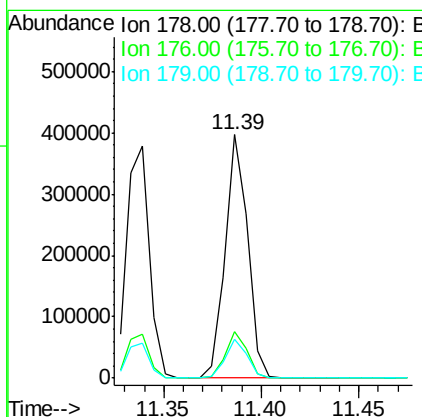
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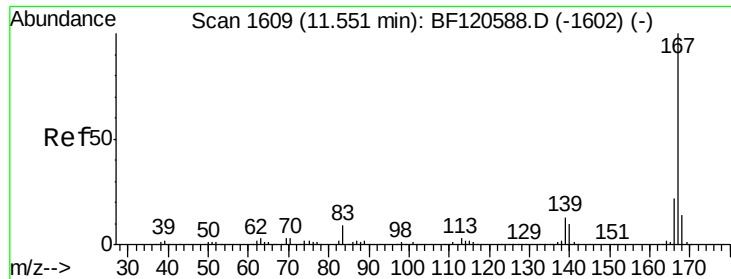
mohammad
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#72
Anthracene
Concen: 10.847 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.6	23.4
179	15.7	12.9	19.3





#73

Carbazole

Concen: 9.939 ng

RT: 11.55 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BF120624.D

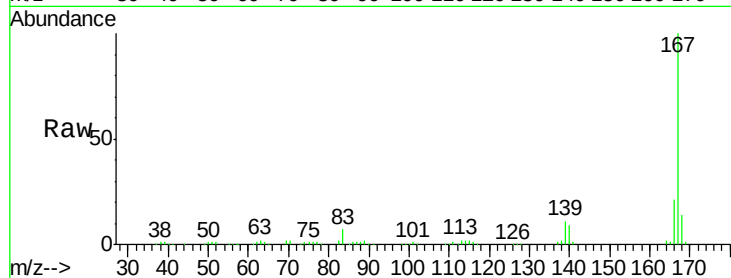
Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

ClientSampleId :

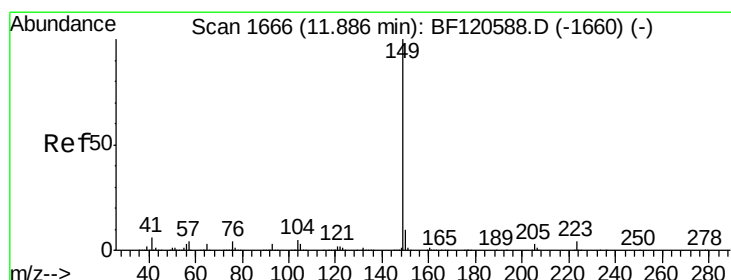
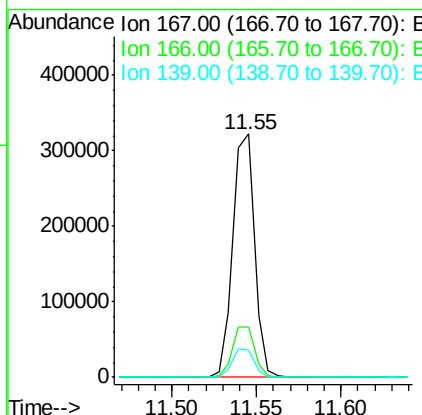
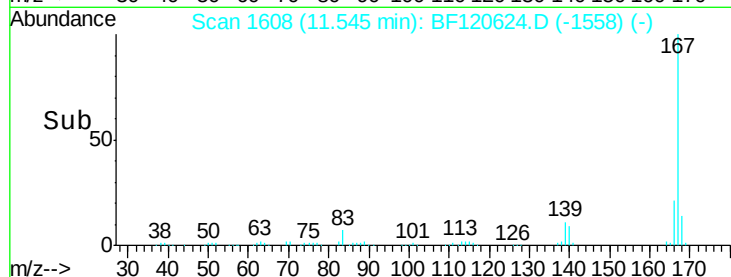
LOQ-WATER-02-QT2-2020



Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	20.6	17.2	25.8	
139	11.4	10.1	15.1	

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#74

Di-n-butylphthalate

Concen: 10.524 ng

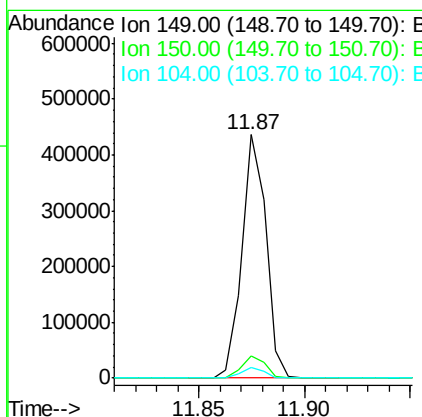
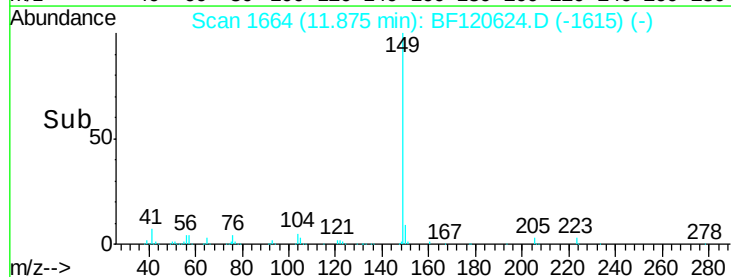
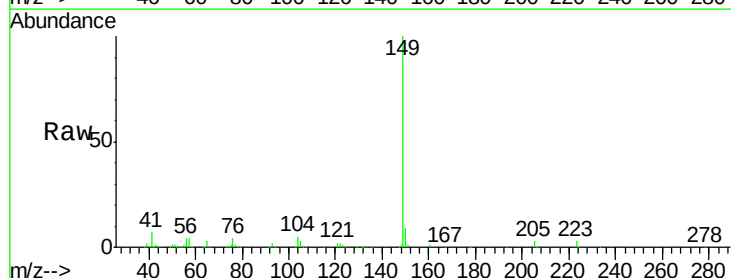
RT: 11.87 min Scan# 1664

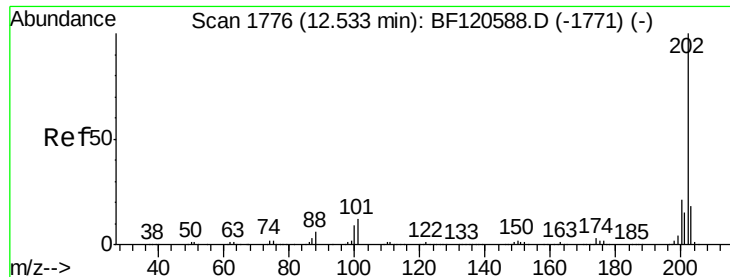
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3	7.7	11.5	
104	4.6	3.7	5.5	





#75

Fluoranthene

Concen: 10.366 ng

RT: 12.52 min Scan# 1774

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

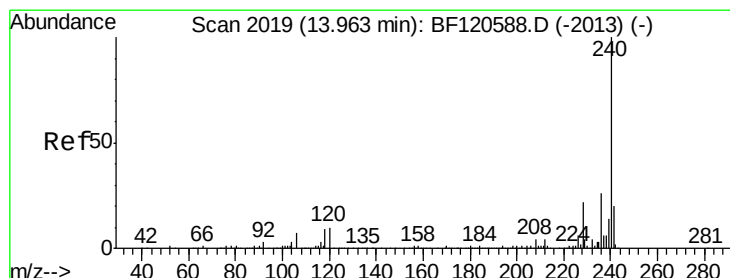
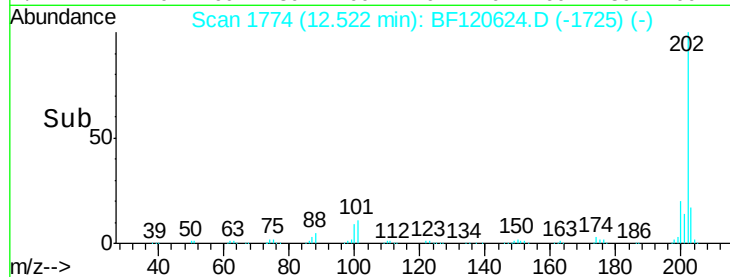
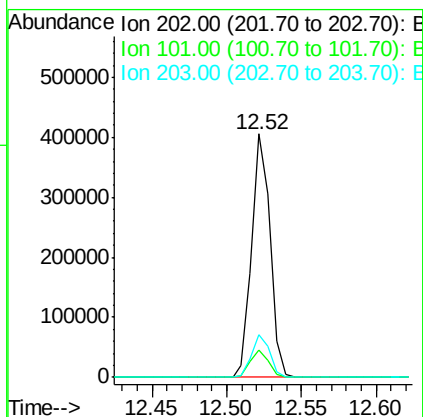
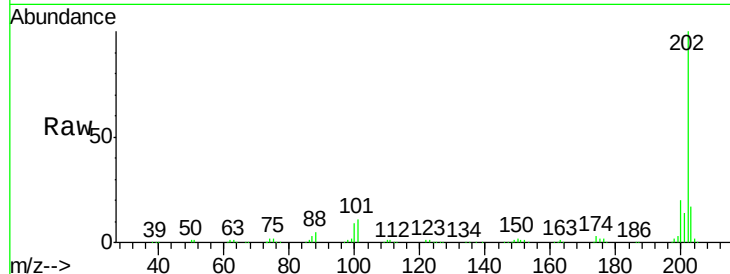
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
202	100	344358		
101	11.4	0.0	32.0	
203	17.5	0.0	38.3	

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#76

Chrysene-d12

Concen: 20.000 ng

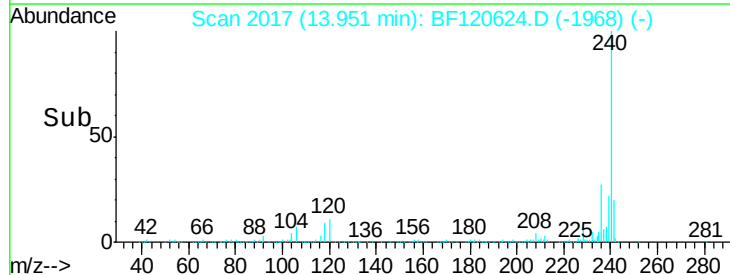
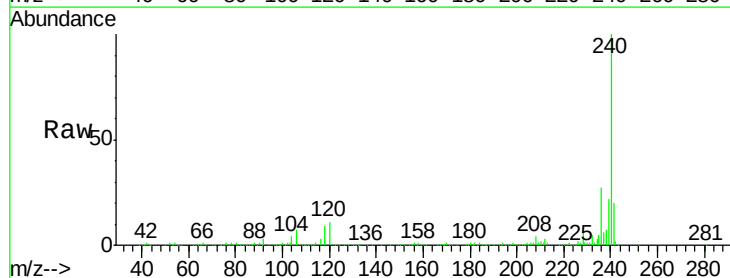
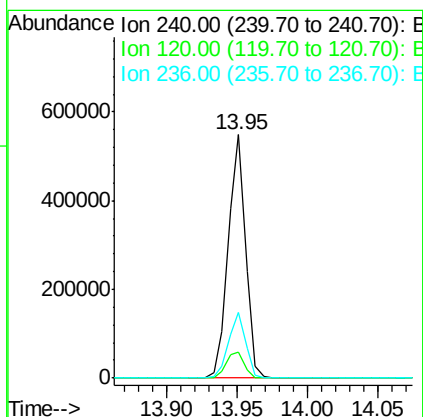
RT: 13.95 min Scan# 2017

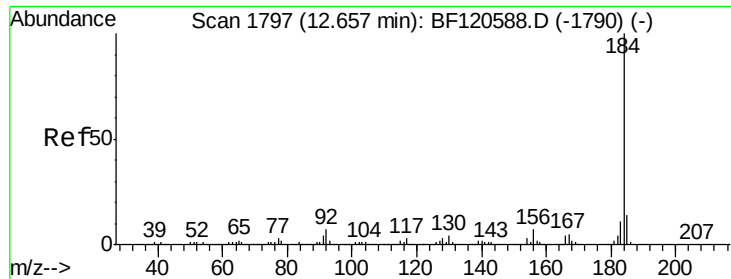
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	467951		
120	10.8	8.3	12.5	
236	26.8	21.0	31.4	





#77

Benzidine

Concen: 11.230 ng

RT: 12.65 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

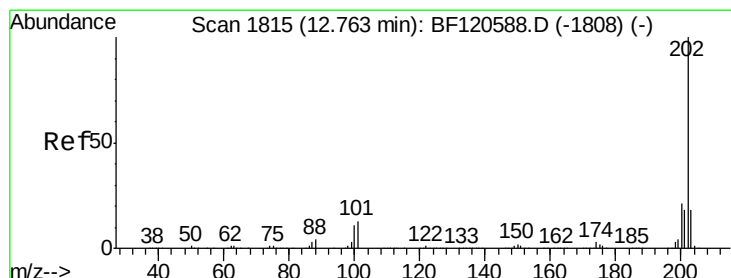
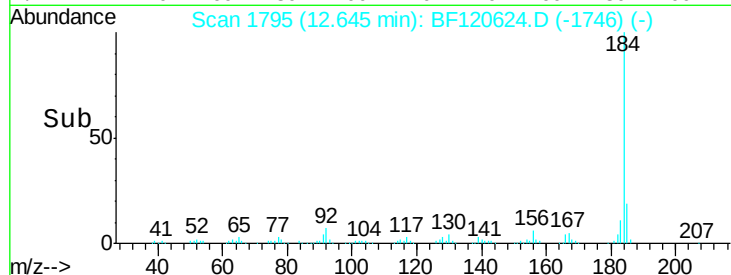
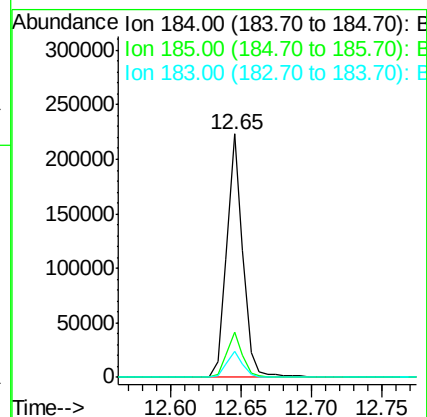
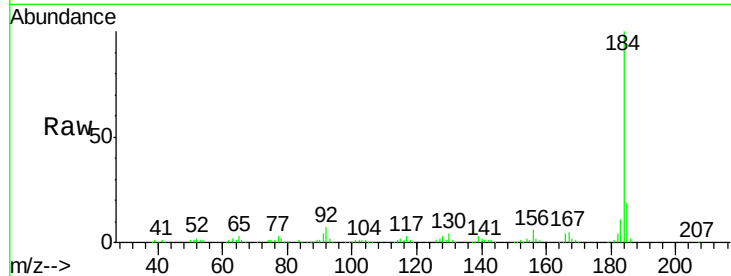
ClientSampleId :

LOQ-WATER-02-QT2-2020

Tot Ion:	184	Resp:	177724
Ion Ratio	Lower	Upper	
184	100		
185	18.5	11.4	17.0#
183	10.6	9.0	13.6

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#78

Pyrene

Concen: 10.687 ng

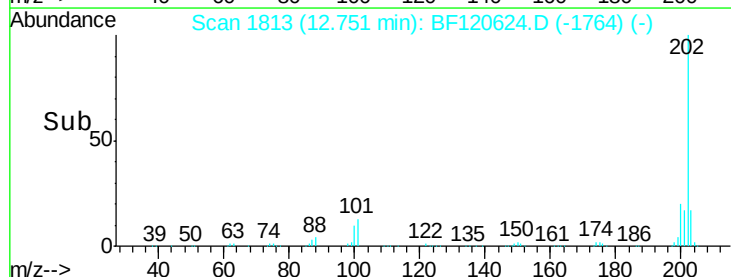
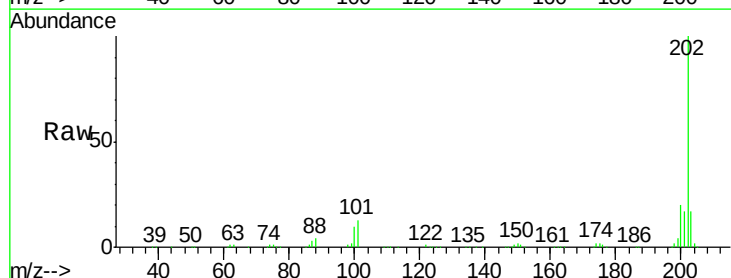
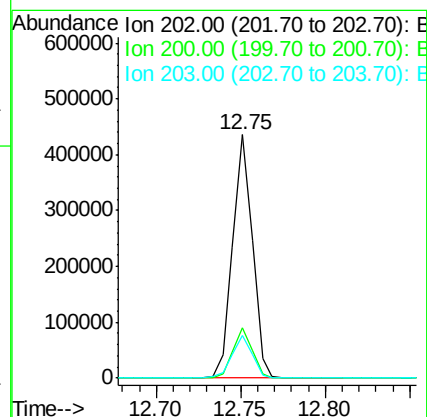
RT: 12.75 min Scan# 1813

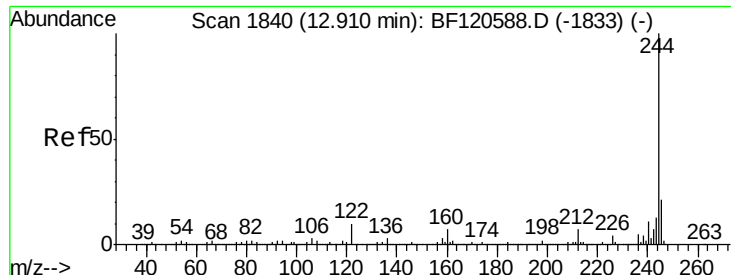
Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	202	Resp:	354283
Ion Ratio	Lower	Upper	
202	100		
200	20.5	16.8	25.2
203	17.5	14.3	21.5





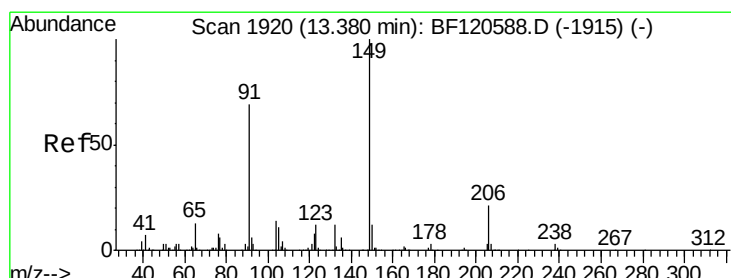
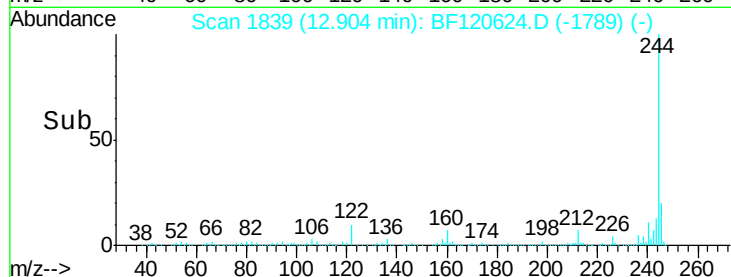
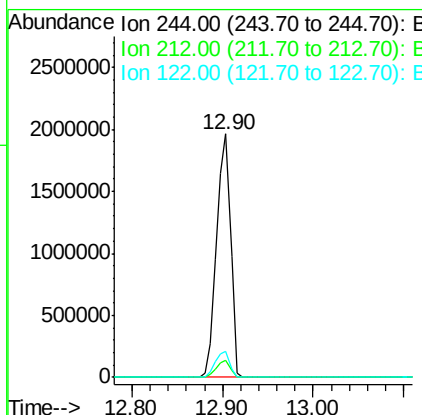
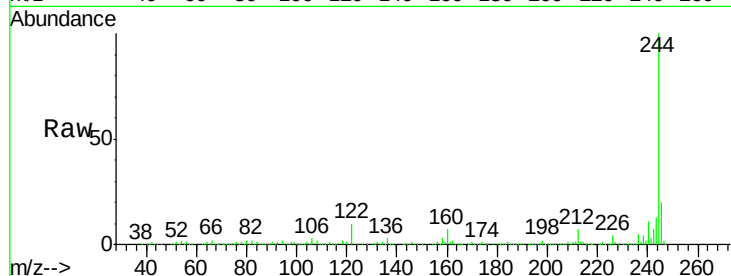
#79
 Terphenyl-d14
 Concen: 98.344 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.5	8.3	12.5

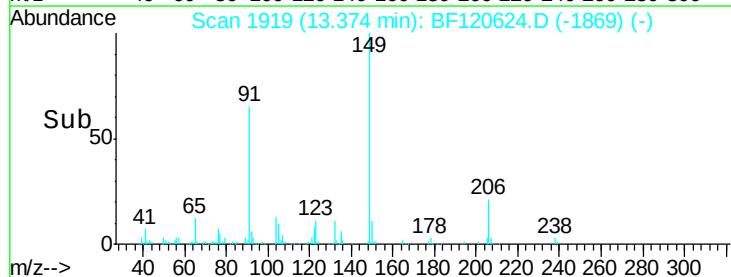
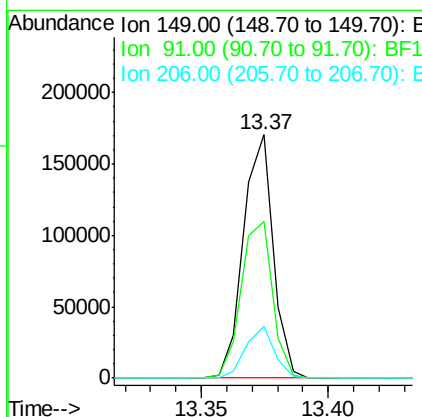
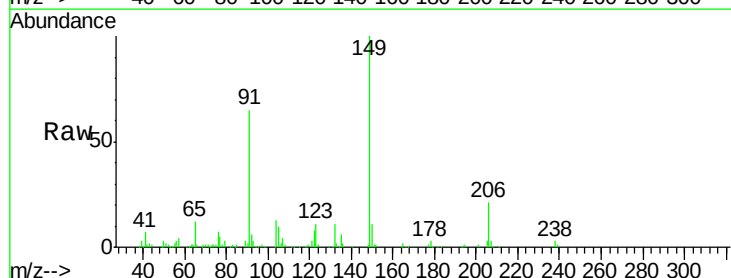
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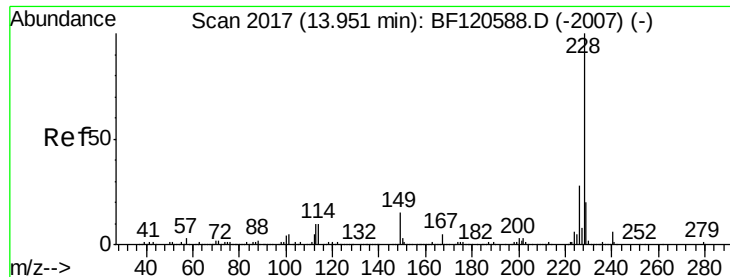
mohammad
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#80
 Butylbenzylphthalate
 Concen: 9.448 ng
 RT: 13.37 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	64.5	55.4	83.0
206	21.4	17.0	25.4





#81

Benzo(a)anthracene

Concen: 11.182 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.01 min

Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Instrument :

BNA_F

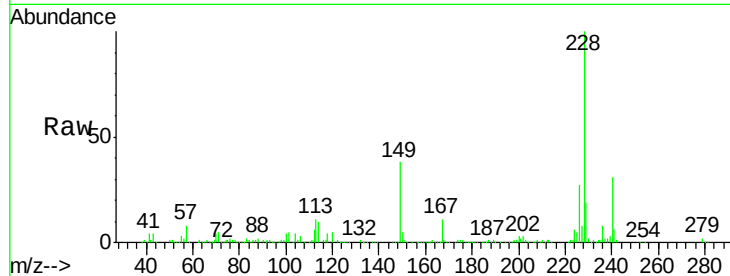
ClientSampleId :

LOQ-WATER-02-QT2-2020

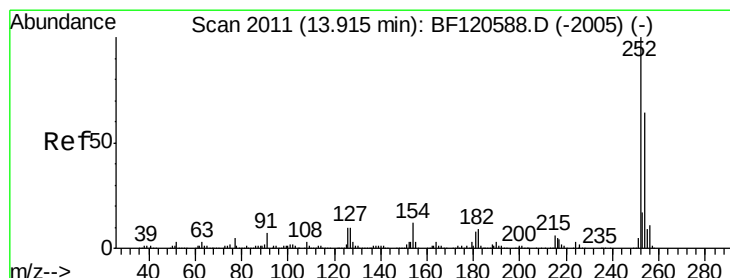
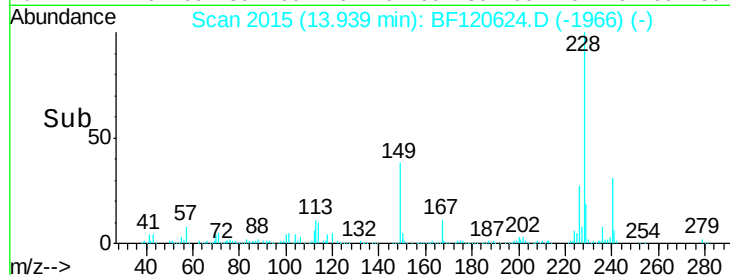
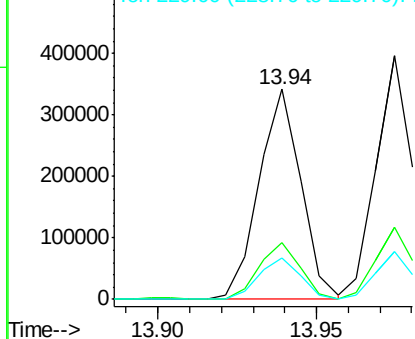
Tot Ion:	228	Resp:	314362
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.5	33.7
229	19.5	16.1	24.1

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



#82

3,3'-Dichlorobenzidine

Concen: 11.685 ng

RT: 13.90 min Scan# 2009

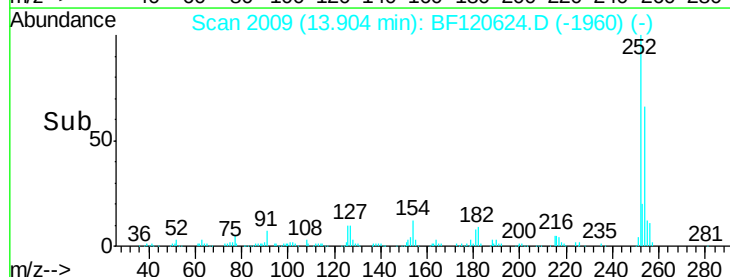
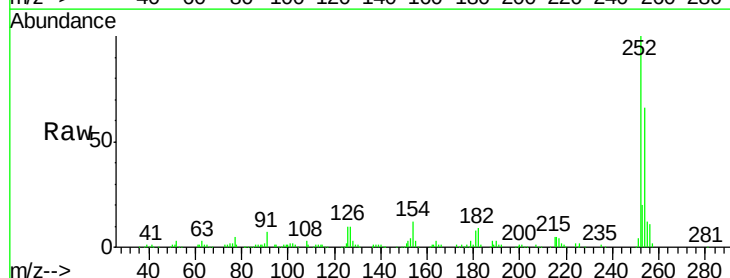
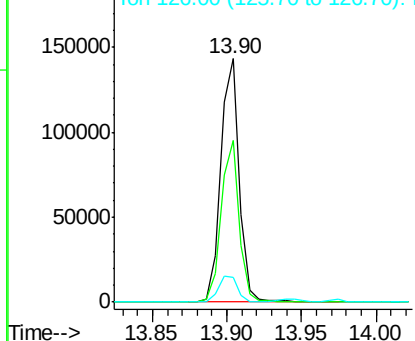
Delta R.T. -0.01 min

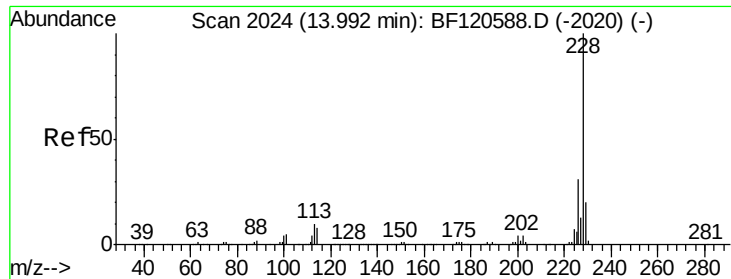
Lab File: BF120624.D

Acq: 15 Jun 2020 17:17

Tgt Ion:	252	Resp:	125484
Ion Ratio	Lower	Upper	
252	100		
254	66.2	51.4	77.2
126	10.1	7.9	11.9

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





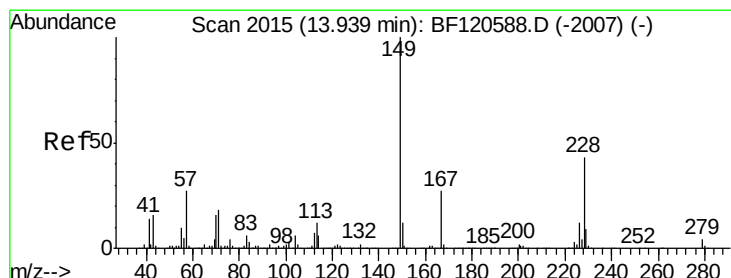
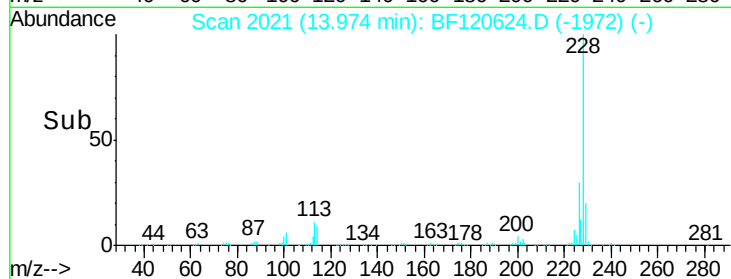
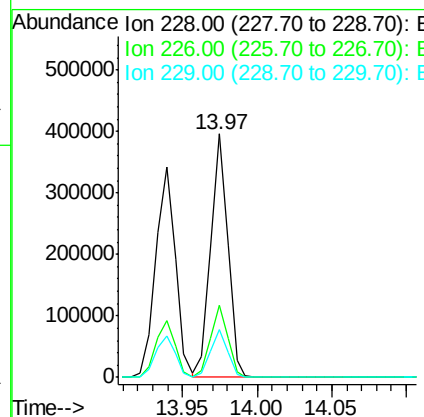
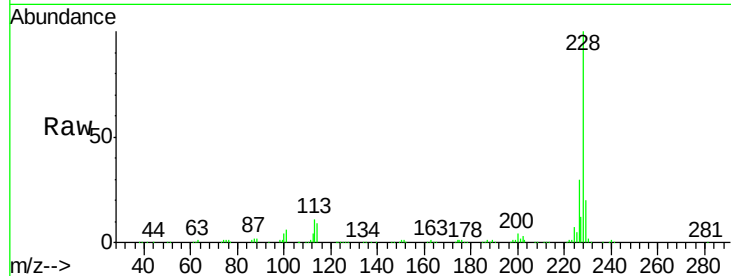
#83
 Chrysene
 Concen: 10.933 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Instrument :
 BNA_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	19.6	16.1	24.1

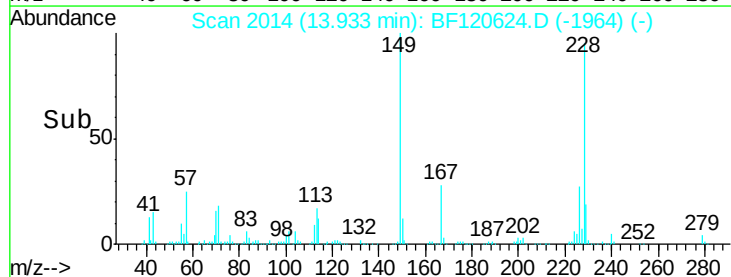
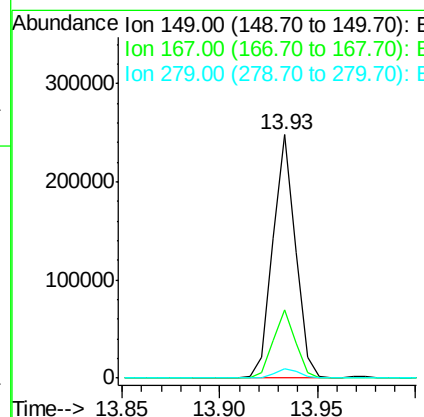
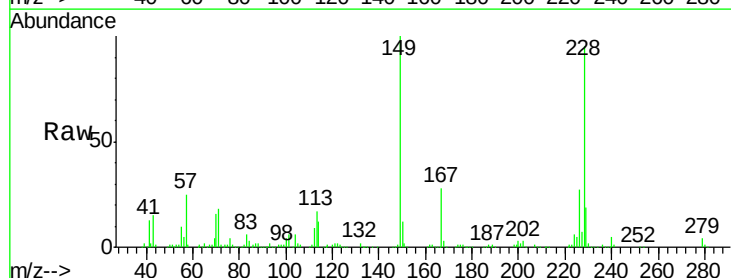
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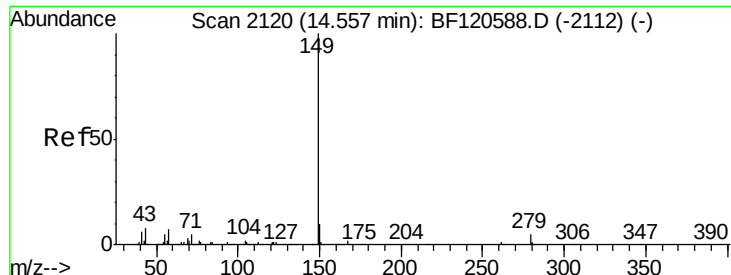
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 11.137 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. -0.01 min
 Lab File: BF120624.D
 Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.0	33.0
279	3.9	3.0	4.6





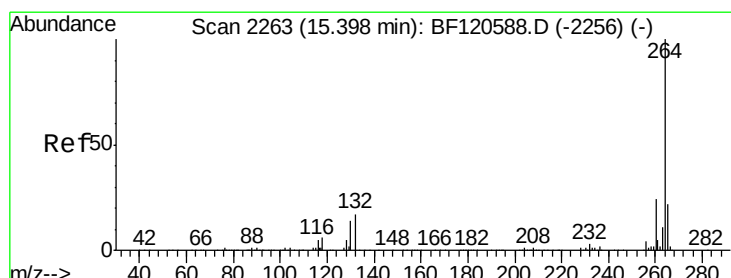
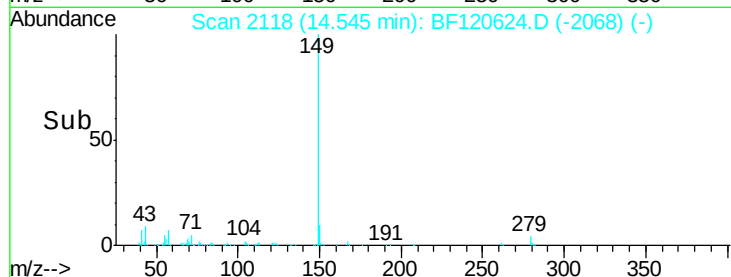
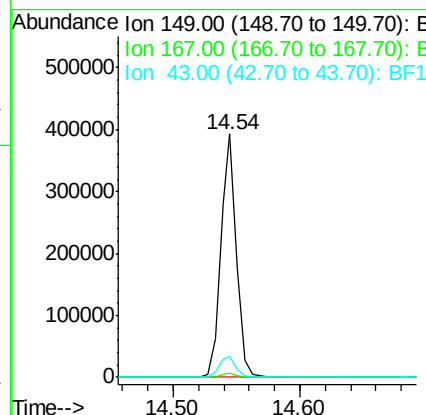
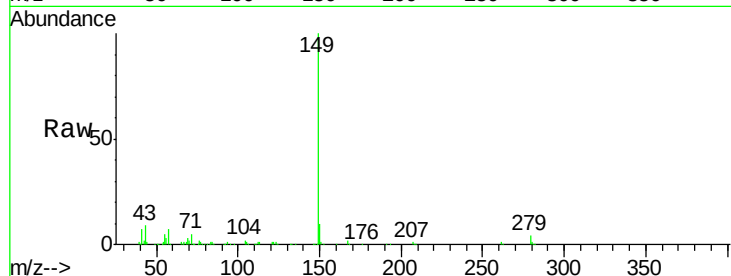
#85
Di-n-octyl phthalate
Concen: 9.836 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Resp	Lower	Upper
149	100	337225		
167	1.5		1.3	1.9
43	9.6		7.6	11.4

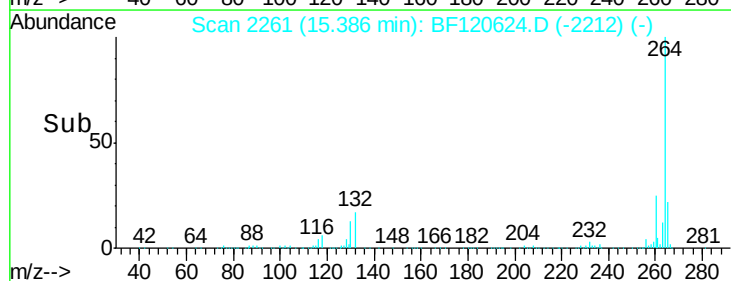
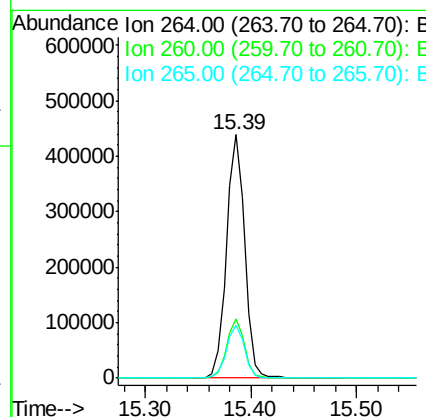
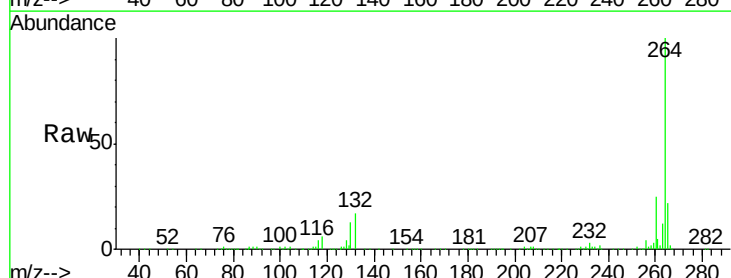
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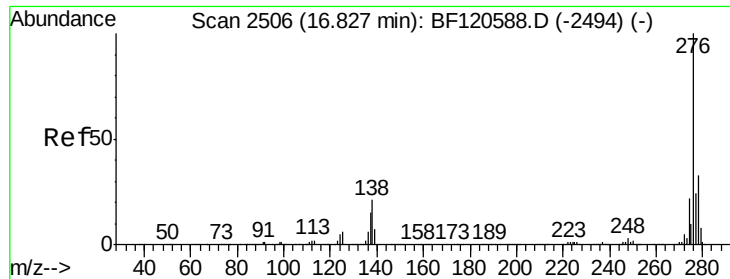
mohammad
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2261
Delta R.T. -0.01 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	527823		
260	24.5		19.3	28.9
265	21.8		17.8	26.8





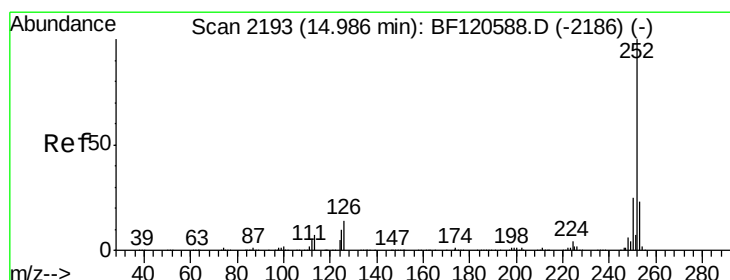
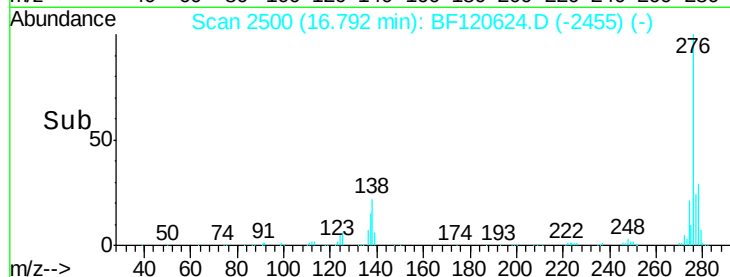
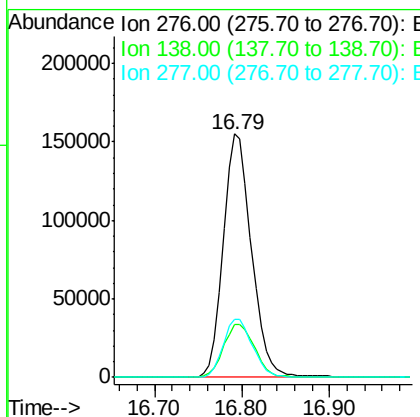
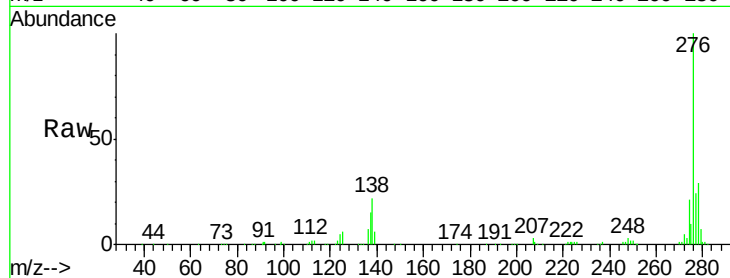
#87
Indeno(1,2,3-cd)pyrene
Concen: 10.691 ng
RT: 16.79 min Scan# 2500
Delta R.T. -0.04 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	18.9	28.3
277	24.8	20.2	30.2

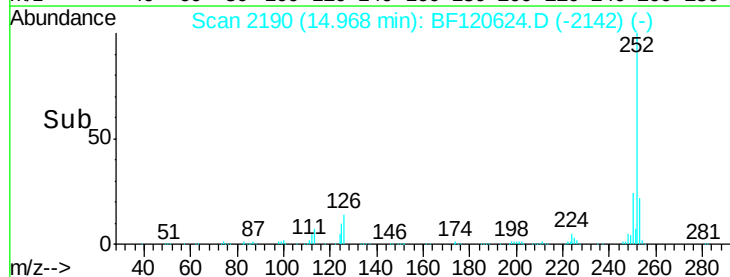
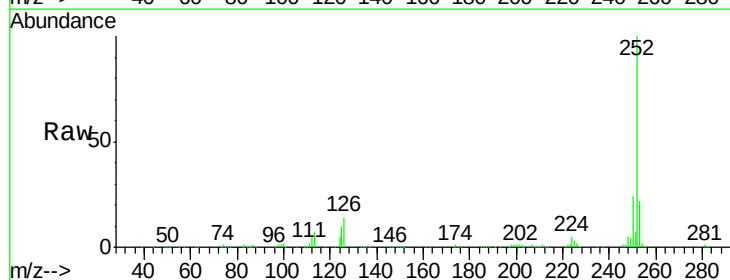
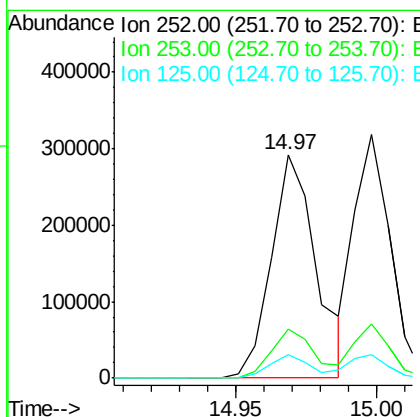
Manual Integrations
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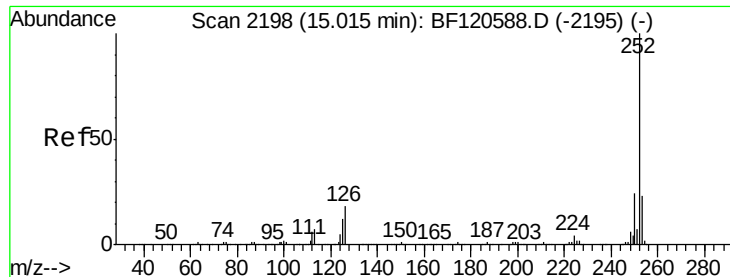
mohammad
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#88
Benzo(b)fluoranthene
Concen: 10.236 ng
RT: 14.97 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	10.4	8.3	12.5





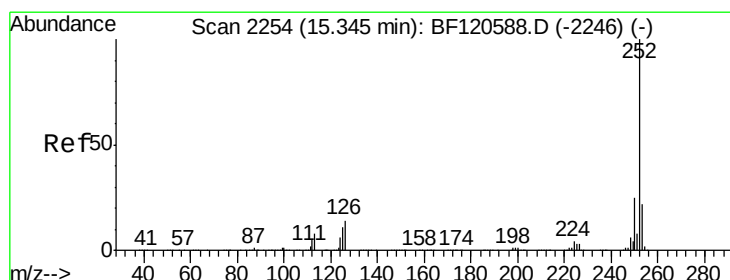
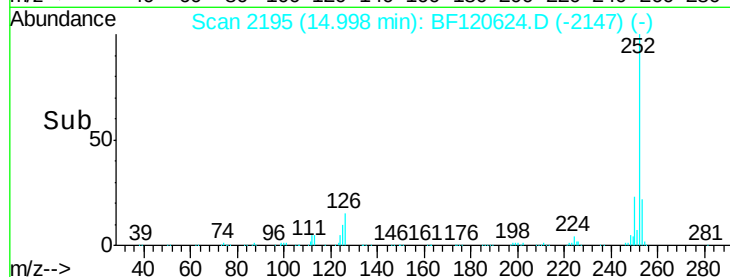
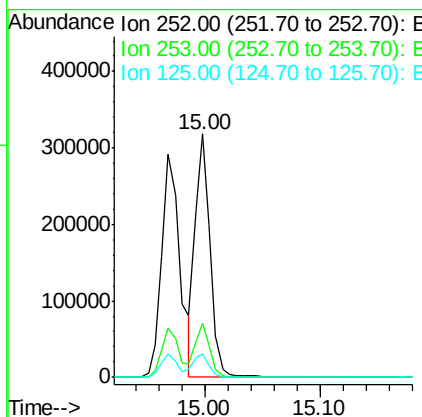
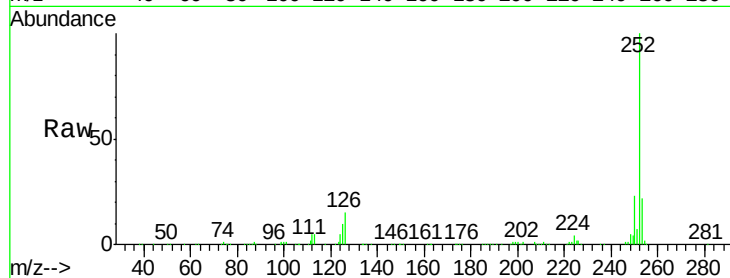
#89
Benzo(k)fluoranthene
Concen: 10.417 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.02 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	9.8	8.3	12.5

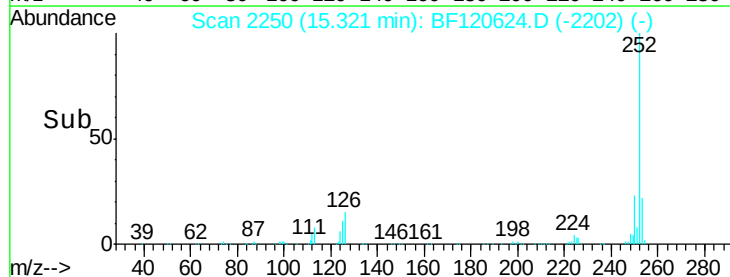
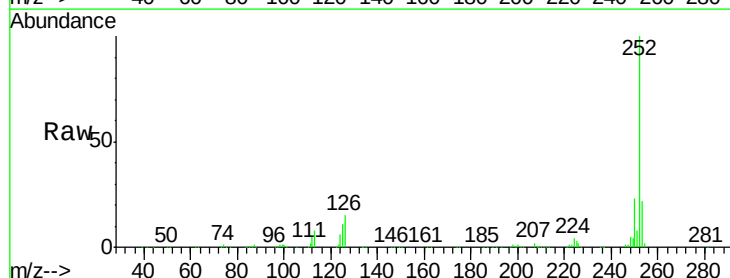
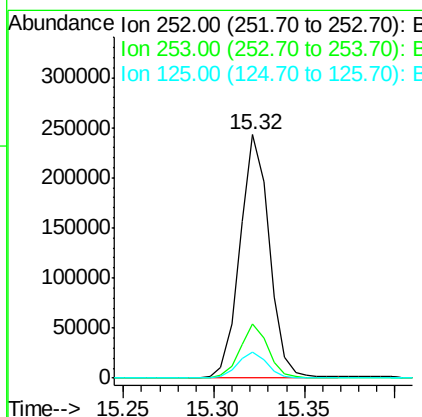
Manual Integrations
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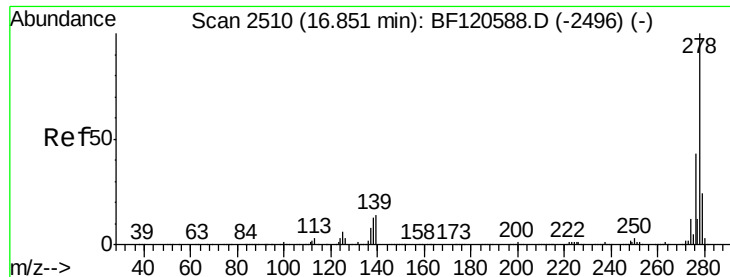
mohammad
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#90
Benzo(a)pyrene
Concen: 9.752 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	10.7	8.6	12.8





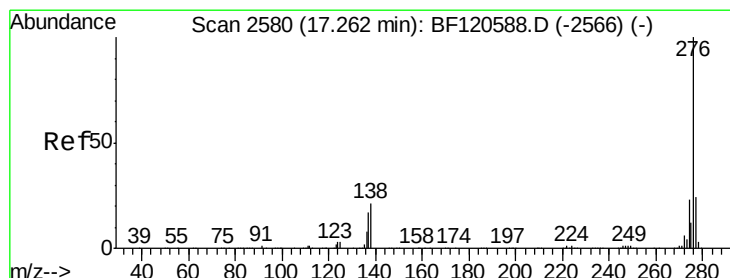
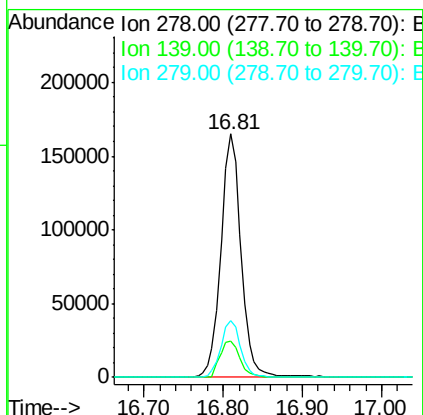
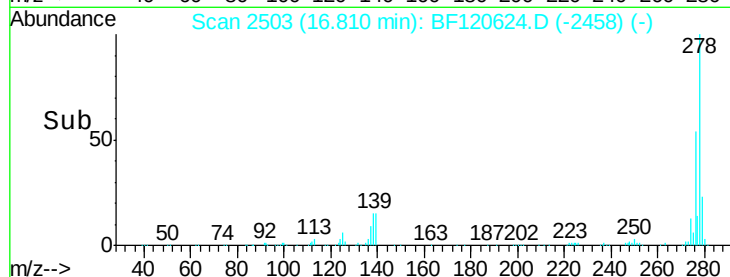
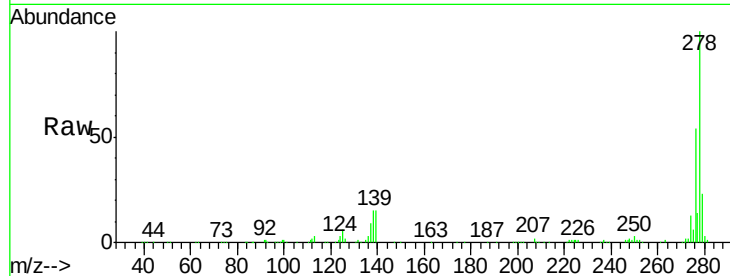
#91
Dibenzo(a,h)anthracene
Concen: 11.337 ng
RT: 16.81 min Scan# 2503
Delta R.T. -0.04 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT2-2020

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.4	17.2
279	23.4	19.1	28.7

Manual Integrations
APPROVED

mohammad
6/16/2020 11:06:43 AM



#92
Benzo(g,h,i)perylene
Concen: 11.170 ng
RT: 17.22 min Scan# 2573
Delta R.T. -0.04 min
Lab File: BF120624.D
Acq: 15 Jun 2020 17:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.2	19.6	29.4
138	20.1	16.5	24.7

