

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
 Data File : BF120825.D
 Acq On : 10 Jul 2020 11:39
 Operator : JU/CG
 Sample : L3216-09
 Misc : MDL-MDL-WATER-4PPM
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Manual Integrations
 APPROVED

mohammad
 7/13/2020 1:04:29 PM

Quant Time: Jul 10 12:21:47 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070220.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 10 11:06:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	163656	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	617939	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	305216	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	536328	20.00	ng	0.00
76) Chrysene-d12	14.00	240	374369	20.00	ng	0.00
86) Perylene-d12	15.46	264	316400	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1386816	130.81	ng	0.00
7) Phenol-d6	6.48	99	1713185	126.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	822920	77.16	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	419601	136.84	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1439412	71.35	ng	0.00
79) Terphenyl-d14	12.96	244	1164290	60.89	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.59	88	19741	4.076 ng	95
3) Pyridine	3.43	79	34569	2.606 ng	96
4) n-Nitrosodimethylamine	3.27	42	21526	3.244 ng	96
6) Aniline	6.51	93	63961	3.678 ng	97
8) 2-Chlorophenol	6.63	128	41652	3.690 ng	97
9) Benzaldehyde	6.40	77	36180	4.493 ng	100
10) Phenol	6.49	94	53652	3.852 ng	93
11) bis(2-Chloroethyl)ether	6.58	93	41612	3.672 ng	97
12) 1,3-Dichlorobenzene	6.79	146	45566	3.668 ng	97
13) 1,4-Dichlorobenzene	6.86	146	46563	3.742 ng	96
14) 1,2-Dichlorobenzene	7.02	146	43329	3.660 ng	98
15) Benzyl Alcohol	6.98	79	46288m	4.550 ng	
16) 2,2'-oxybis(1-Chloropropan	7.12	45	60353	3.414 ng	99
17) 2-Methylphenol	7.09	107	32035	3.173 ng	96
18) Hexachloroethane	7.36	117	16738	3.579 ng	90
19) n-Nitroso-di-n-propylamine	7.25	70	28788	3.531 ng	99
20) 3+4-Methylphenols	7.24	107	41246	3.316 ng	95
22) Acetophenone	7.25	105	61262	3.989 ng	96
24) Nitrobenzene	7.42	77	48611	4.059 ng	91
25) Isophorone	7.66	82	74615	3.244 ng	94
26) 2-Nitrophenol	7.74	139	13063	2.984 ng	94
27) 2,4-Dimethylphenol	7.77	122	31637	3.446 ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	48467	3.560 ng	96
29) 2,4-Dichlorophenol	7.97	162	30024	3.275 ng	96
30) 1,2,4-Trichlorobenzene	8.07	180	35499	3.448 ng	97
31) Naphthalene	8.15	128	124236	3.762 ng	98
32) Benzoic acid	7.82	122	7513	1.512 ng	93
33) 4-Chloroaniline	8.19	127	45748	3.265 ng	93
34) Hexachlorobutadiene	8.27	225	20216	3.265 ng	98
35) Caprolactam	8.52	113	7130	2.670 ng	96
36) 4-Chloro-3-methylphenol	8.66	107	30002	3.147 ng	100
37) 2-Methylnaphthalene	8.84	142	77542	3.612 ng	98
38) 1-Methylnaphthalene	8.94	142	72751	3.618 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	34855	3.779 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	13527	2.482	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	17733	2.821	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	19777	2.835	nq	# 90
46) 1,1'-Biphenyl	9.30	154	99404	4.038	nq	98
47) 2-Chloronaphthalene	9.33	162	68794	3.488	nq	99
48) 2-Nitroaniline	9.42	65	16274	3.084	nq	94
49) Acenaphthylene	9.74	152	106705	3.451	nq	99
50) Dimethylphthalate	9.60	163	74814	3.360	nq	98
51) 2,6-Dinitrotoluene	9.66	165	12900	3.207	nq	89
52) Acenaphthene	9.92	154	64177	3.345	nq	97
53) 3-Nitroaniline	9.82	138	14885	2.995	nq	86
54) 2,4-Dinitrophenol	9.93	184	1629	1.226	nq	# 7
55) Dibenzofuran	10.09	168	99742	3.607	nq	95
56) 4-Nitrophenol	9.97	139	9116	2.498	nq	89
57) 2,4-Dinitrotoluene	10.06	165	14677	3.039	nq	98
58) Fluorene	10.43	166	73498	3.571	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	15498	2.986	nq	# 88
60) Diethylphthalate	10.30	149	75170	3.241	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	35923	3.472	nq	94
62) 4-Nitroaniline	10.43	138	13601	2.875	nq	97
63) Azobenzene	10.59	77	80167	3.379	nq	99
65) 4,6-Dinitro-2-methylphenol	10.46	198	3245	1.883	nq	92
66) n-Nitrosodiphenylamine	10.54	169	60976	3.392	nq	98
67) 4-Bromophenyl-phenylether	10.91	248	18761	3.016	nq	# 85
68) Hexachlorobenzene	10.97	284	20571	3.151	nq	96
69) Atrazine	11.06	200	16289	3.517	nq	99
70) Pentachlorophenol	11.17	266	7545	2.043	nq	97
71) Phenanthrene	11.39	178	102936	3.537	nq	98
72) Anthracene	11.44	178	99543	3.385	nq	98
73) Carbazole	11.59	167	89609	3.171	nq	99
74) Di-n-butylphthalate	11.93	149	94154	2.691	nq	98
75) Fluoranthene	12.57	202	97188	3.135	nq	100
77) Benzidine	12.70	184	29186	2.762	nq	# 92
78) Pyrene	12.80	202	101440	3.393	nq	98
80) Butylbenzylphthalate	13.43	149	27917	2.163	nq	87
81) Benzo(a)anthracene	13.99	228	82351	3.432	nq	99
82) 3,3'-Dichlorobenzidine	13.96	252	21824	2.695	nq	# 93
83) Chrysene	14.03	228	80513	3.289	nq	95
84) Bis(2-ethylhexyl)phthalate	13.99	149	45052	2.661	nq	99
85) Di-n-octyl phthalate	14.60	149	55121	1.841	nq	97
87) Indeno(1,2,3-cd)pyrene	16.90	276	62565	3.083	nq	98
88) Benzo(b)fluoranthene	15.03	252	63184	3.038	nq	98
89) Benzo(k)fluoranthene	15.06	252	66042	3.263	nq	98
90) Benzo(a)pyrene	15.40	252	53453	2.881	nq	99
91) Dibenzo(a,h)anthracene	16.93	278	52012	3.075	nq	99
92) Benzo(g,h,i)perylene	17.33	276	53001	3.429	nq	98

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

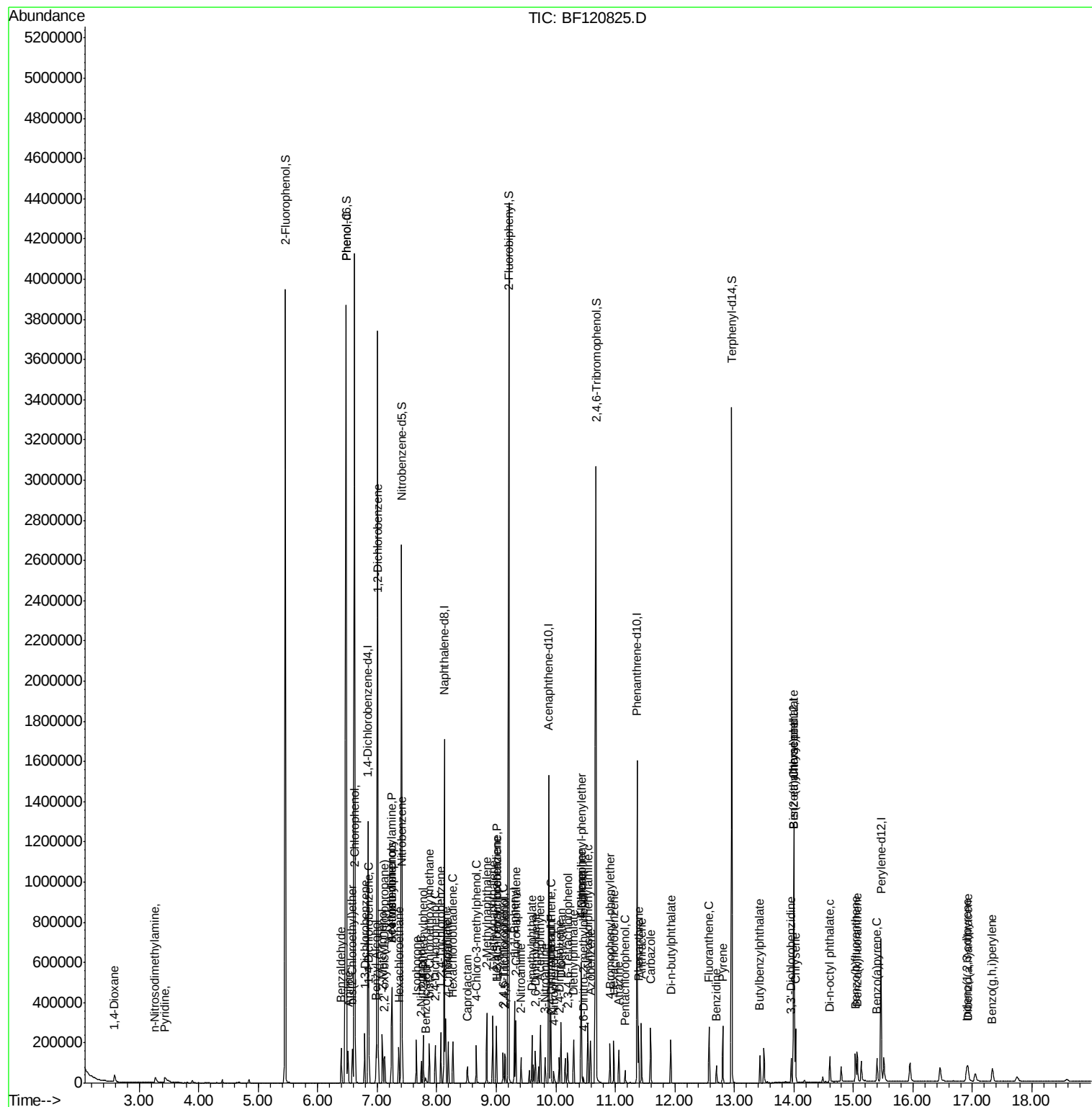
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071020\
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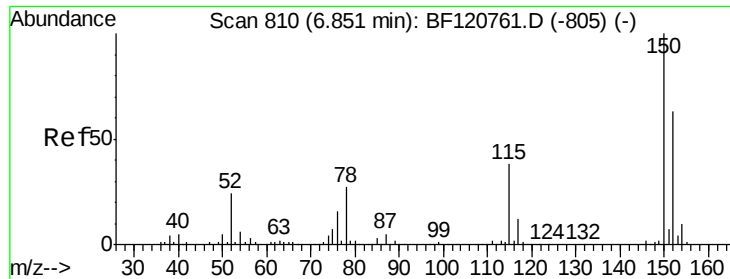
Instrument :
BNA_F
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MDL-WATER-03-QT3-2020

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#1

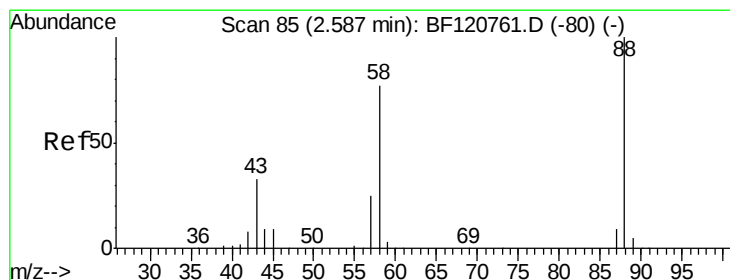
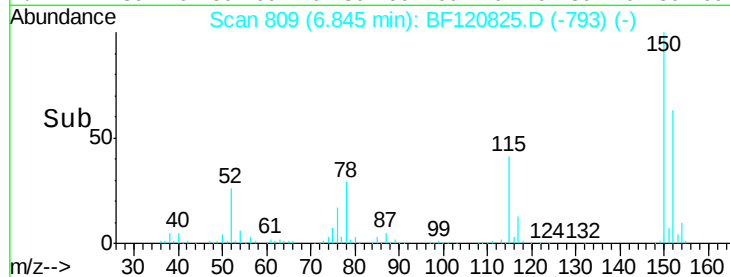
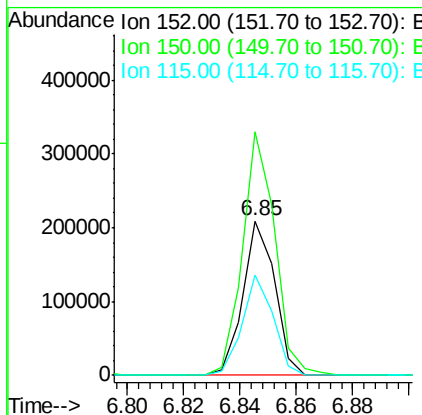
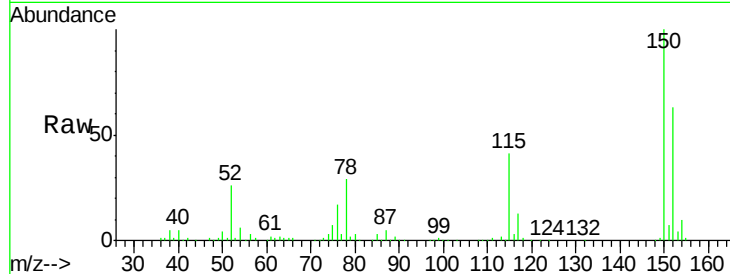
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.1	189.1
115	65.0	48.5	72.7

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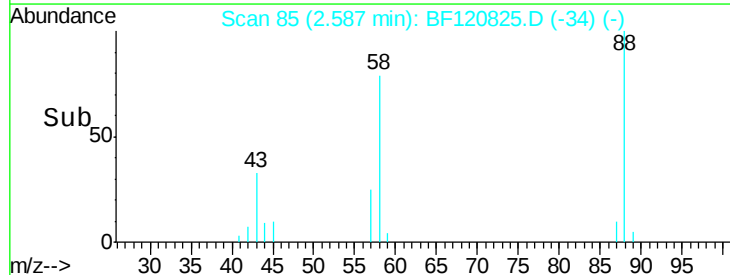
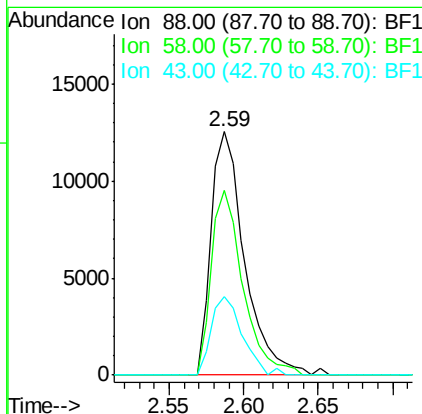
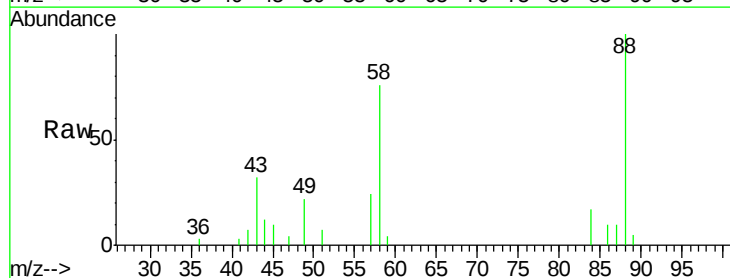
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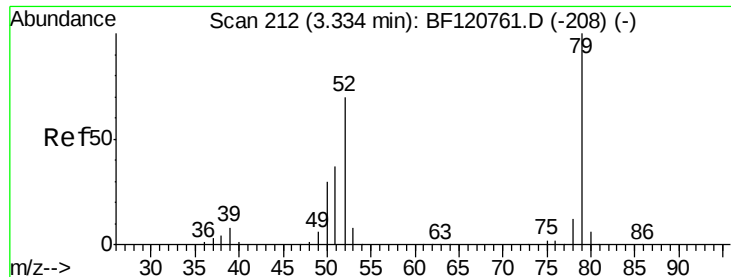


#2

1,4-Dioxane
Concen: 4.076 ng
RT: 2.59 min Scan# 85
Delta R.T. 0.00 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.5	60.4	90.6
43	29.7	26.3	39.5





#3

Pvridine

Concen: 2.606 ng

RT: 3.43 min Scan# 228

Delta R.T. 0.09 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

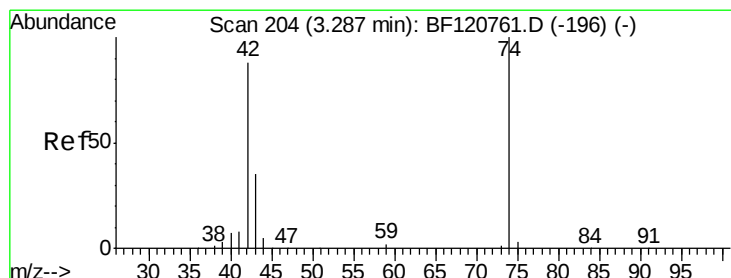
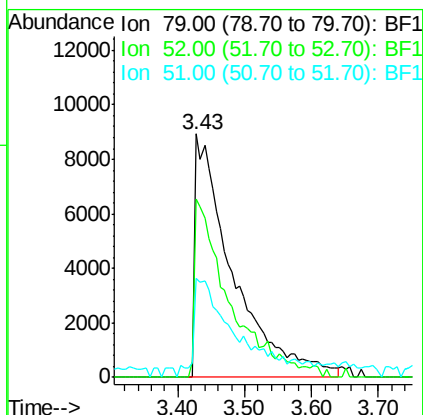
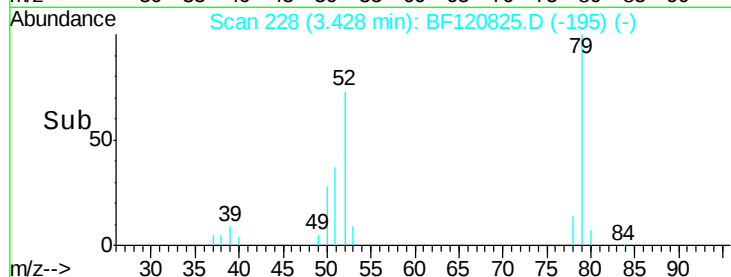
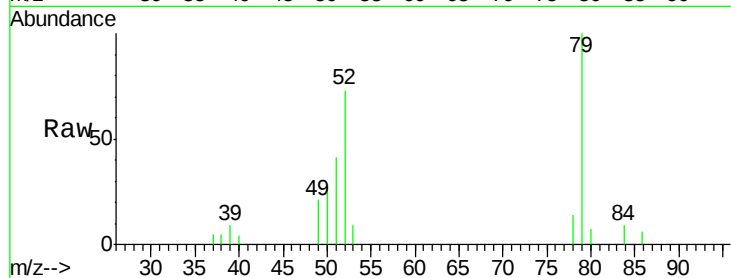
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	79	Resp:	34569
Ion	Ratio	Lower	Upper
79	100		
52	73.0	56.3	84.5
51	40.8	30.1	45.1

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 3.244 ng

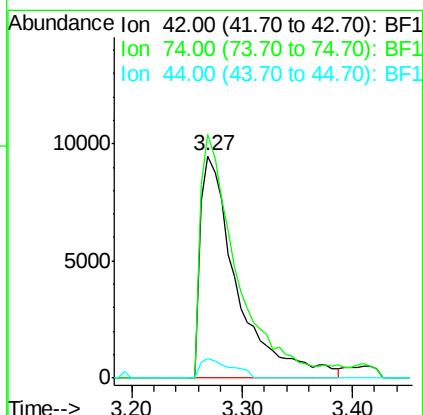
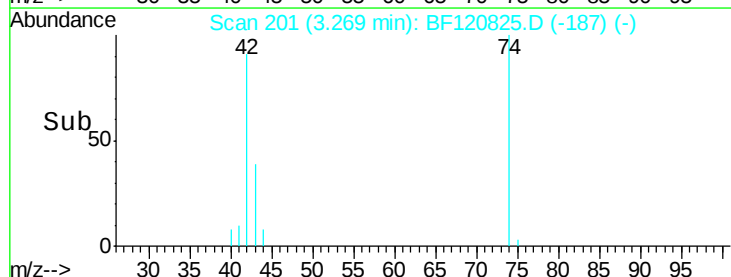
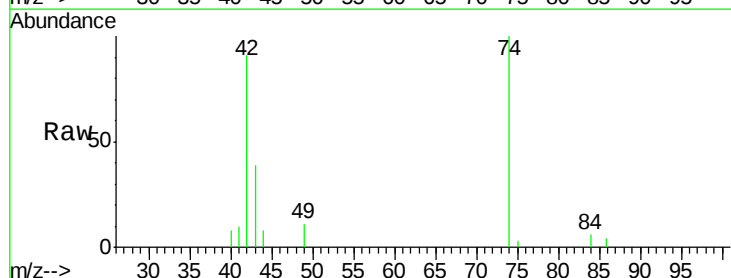
RT: 3.27 min Scan# 201

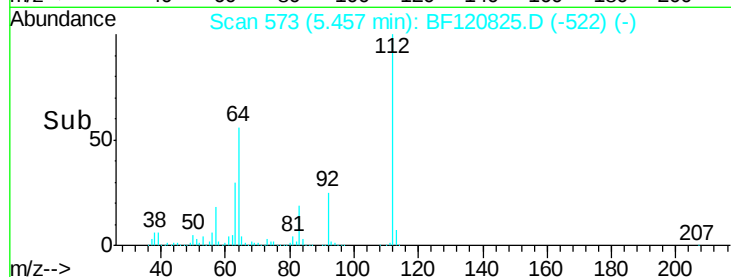
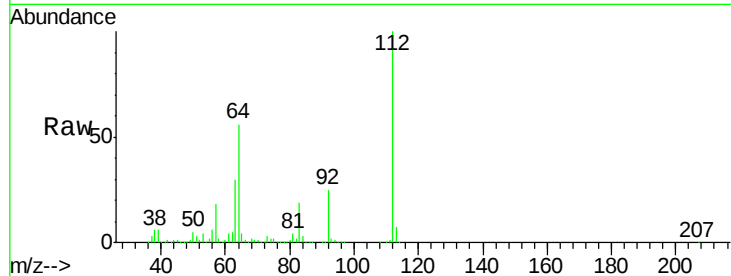
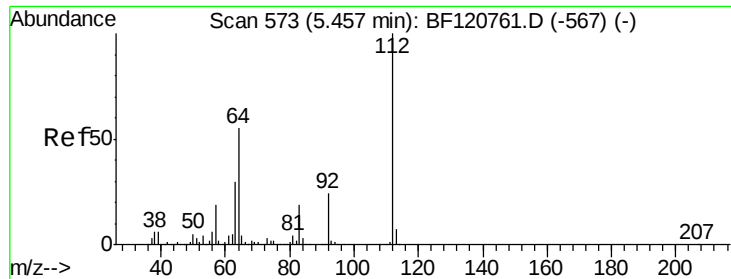
Delta R.T. -0.02 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	42	Resp:	21526
Ion	Ratio	Lower	Upper
42	100		
74	109.7	90.8	136.2
44	8.7	5.8	8.8





#5

2-Fluorophenol

Concen: 130.808 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.00 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

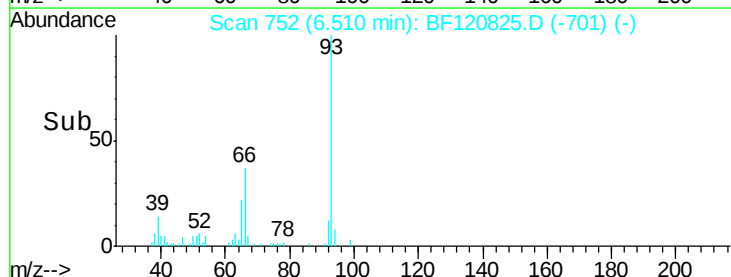
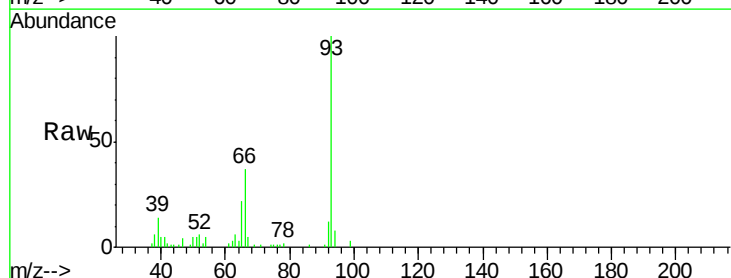
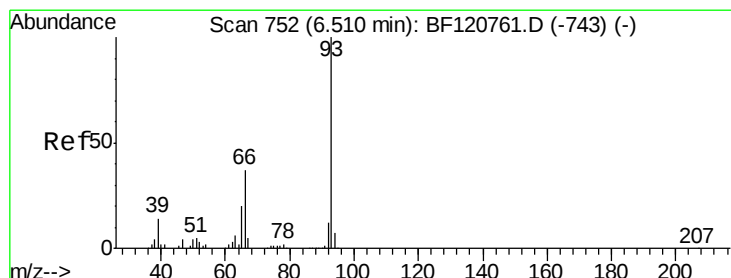
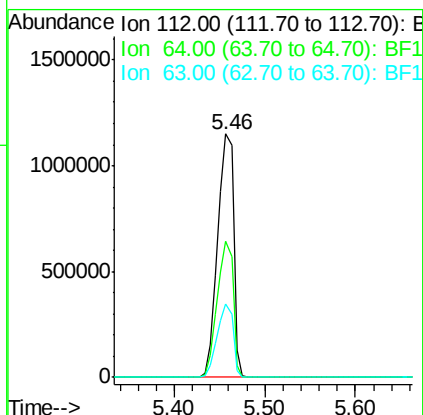
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
112	100		
64	55.9	43.8	65.6
63	30.0	23.6	35.4

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#6

Aniline

Concen: 3.678 ng

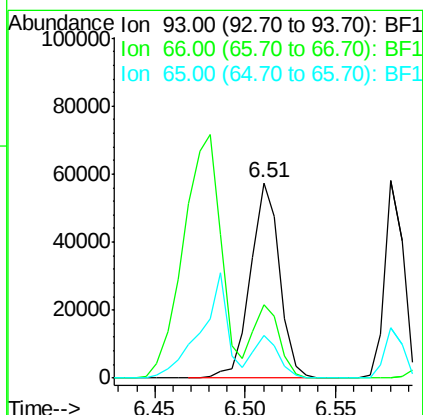
RT: 6.51 min Scan# 752

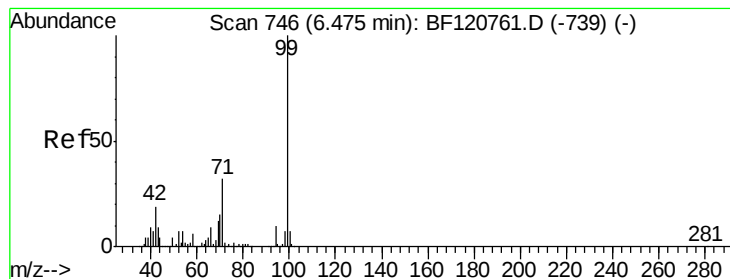
Delta R.T. 0.00 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
93	100		
66	37.3	31.3	46.9
65	21.5	16.5	24.7





#7

Phenol-d6

Concen: 126.537 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion: 99 Resp: 1713185

Ion Ratio Lower Upper

99 100

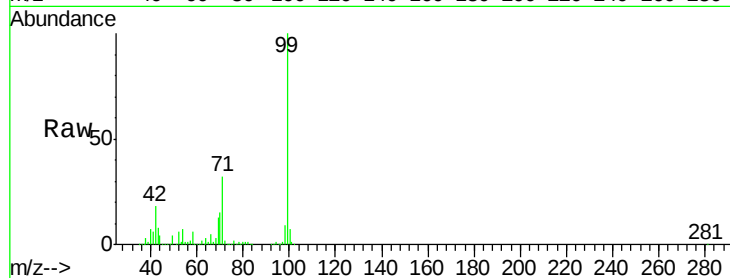
42 17.7 15.4 23.0

71 31.9 25.9 38.9

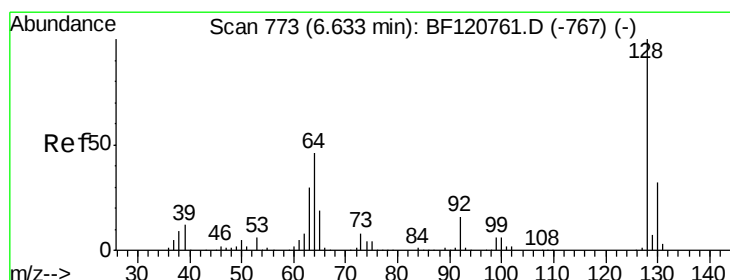
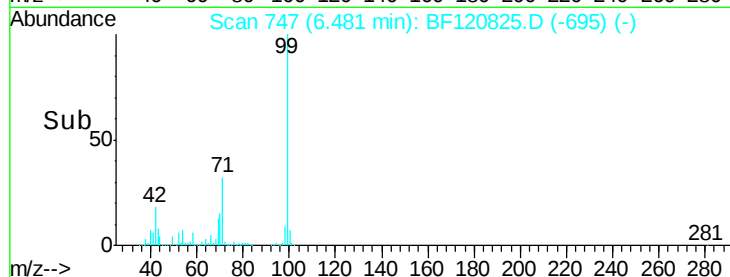
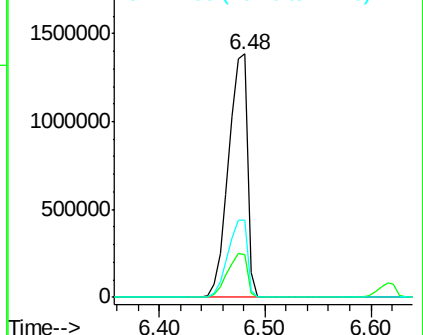
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 3.690 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.00 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

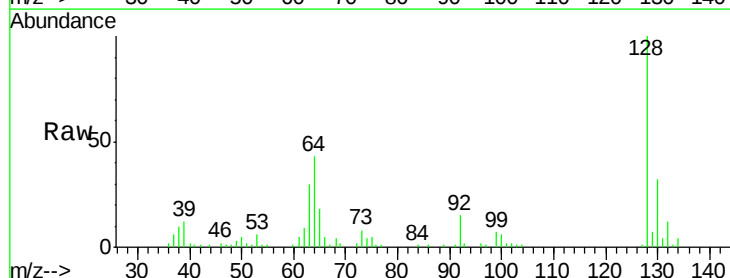
Tgt Ion: 128 Resp: 41652

Ion Ratio Lower Upper

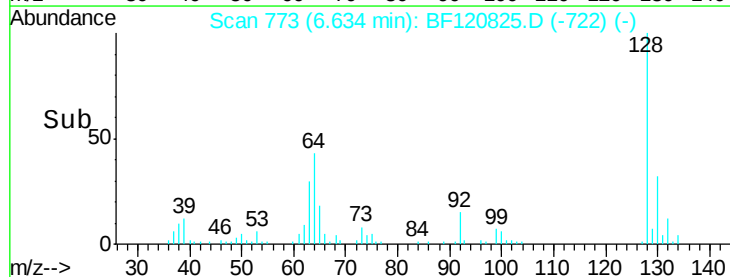
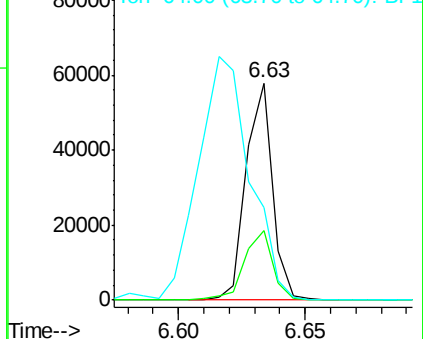
128 100

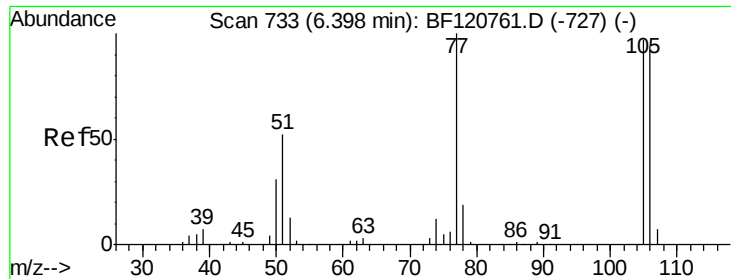
130 32.0 12.1 52.1

64 42.7 26.3 66.3



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





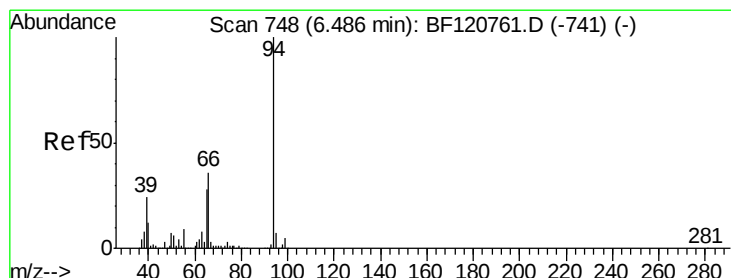
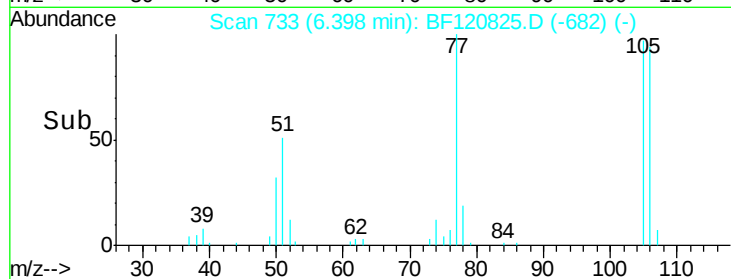
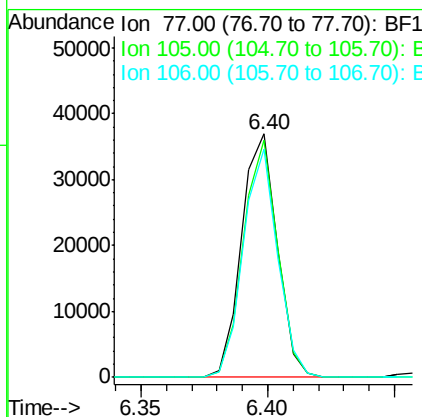
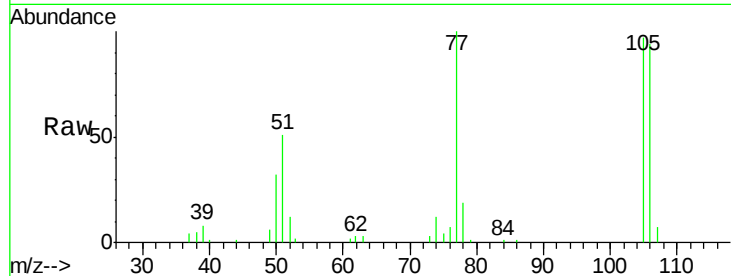
#9
Benzaldehyde
Concen: 4.493 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleID :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.4	76.8	116.8
106	93.9	73.8	113.8

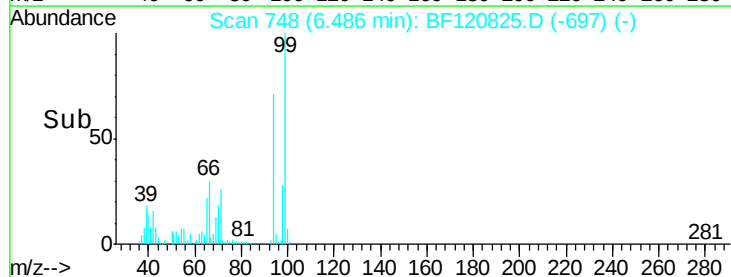
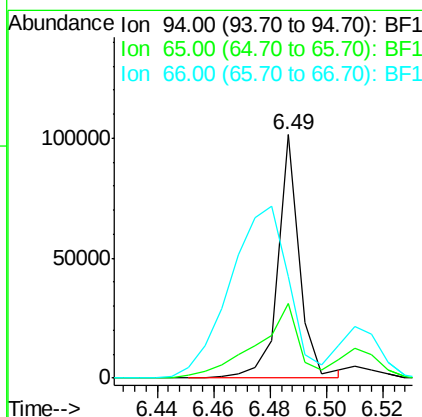
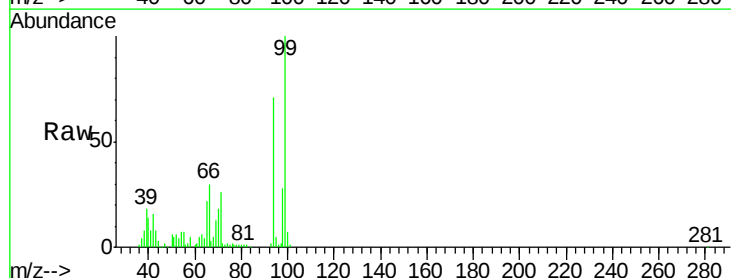
Manual Integrations
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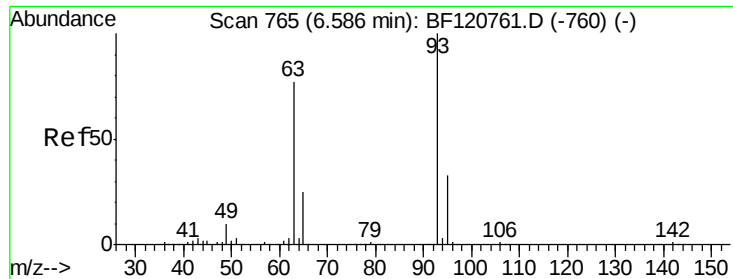
mohammad
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#10
Phenol
Concen: 3.852 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.5	8.4	48.4
66	41.8	16.5	56.5





#11

bis(2-Chloroethyl)ether

Concen: 3.672 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

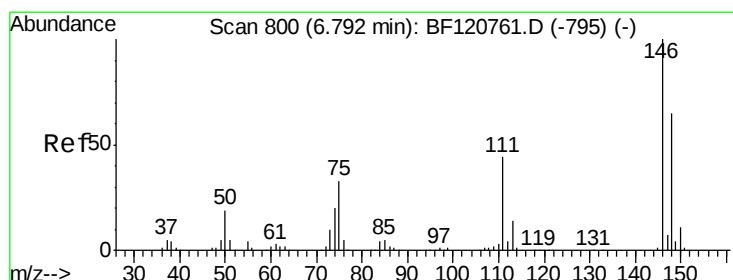
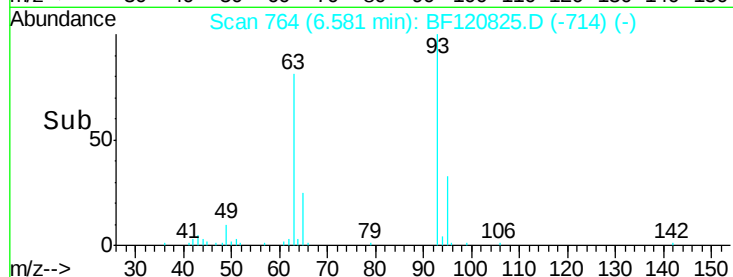
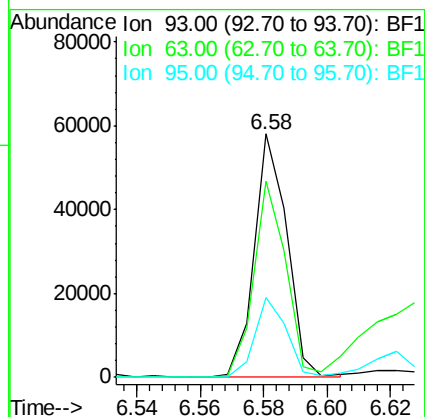
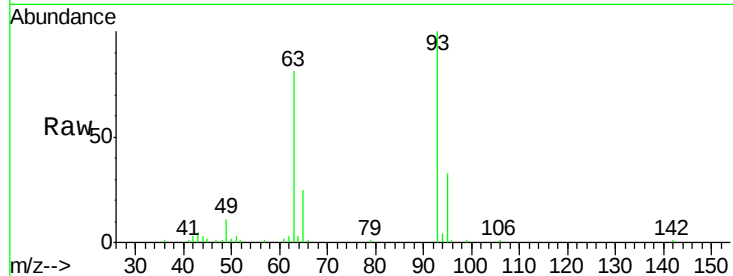
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	93	Resp:	41612
Ion Ratio	Lower	Upper	
93	100		
63	80.6	56.9	96.9
95	33.0	13.3	53.3

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#12

1,3-Dichlorobenzene

Concen: 3.668 ng

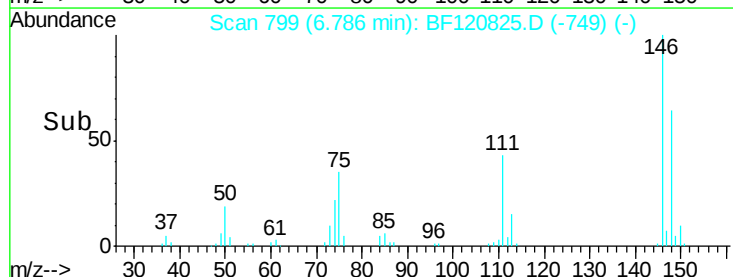
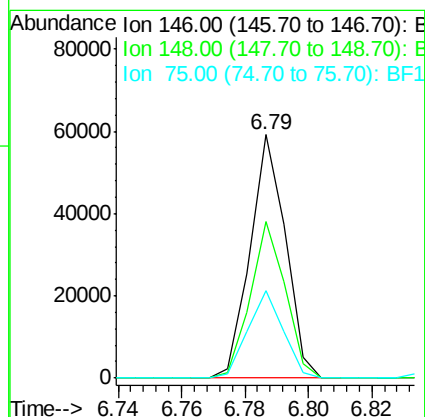
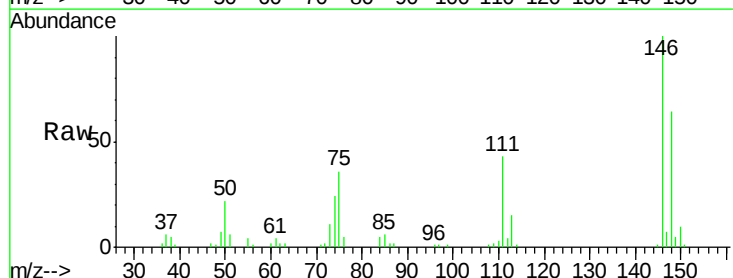
RT: 6.79 min Scan# 799

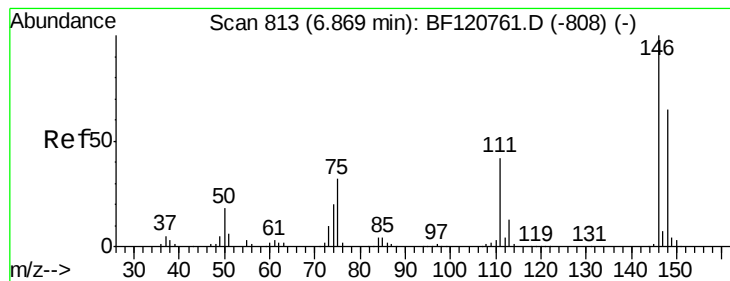
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	146	Resp:	45566
Ion Ratio	Lower	Upper	
146	100		
148	64.5	52.1	78.1
75	35.9	26.0	39.0





#13

1,4-Dichlorobenzene

Concen: 3.742 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

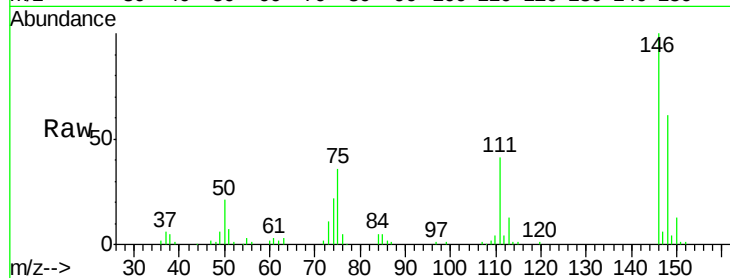
ClientSampleId :

MDL-WATER-03-QT3-2020

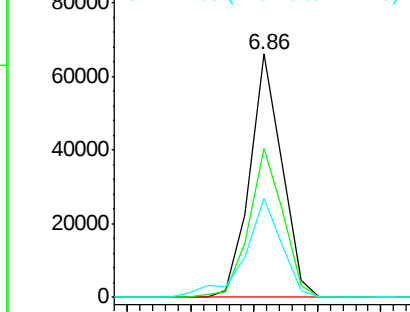
Tot Ion:	146	Resp:	46563
Ion Ratio	Lower	Upper	
146	100		
148	60.9	51.8	77.6
111	40.6	33.7	50.5

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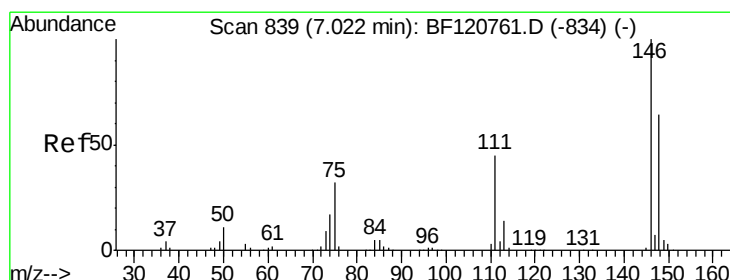
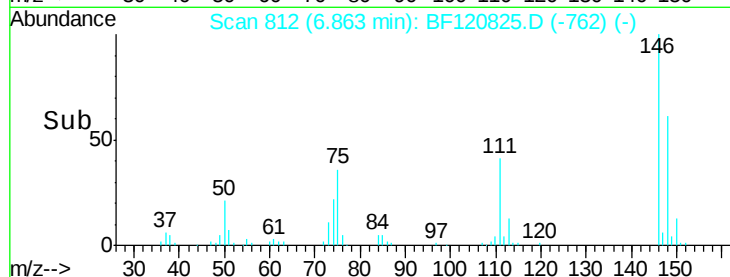
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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 6.82 6.84 6.86 6.88 6.90



#14

1,2-Dichlorobenzene

Concen: 3.660 ng

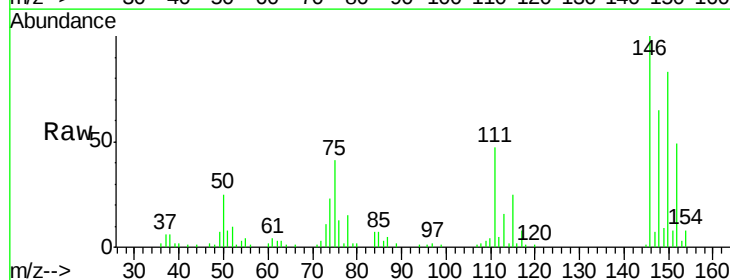
RT: 7.02 min Scan# 838

Delta R.T. -0.01 min

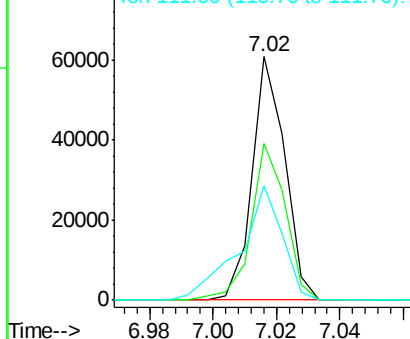
Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

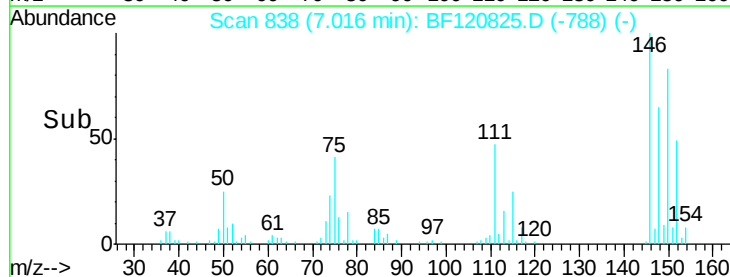
Tgt Ion:	146	Resp:	43329
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.0	76.4
111	46.7	35.7	53.5

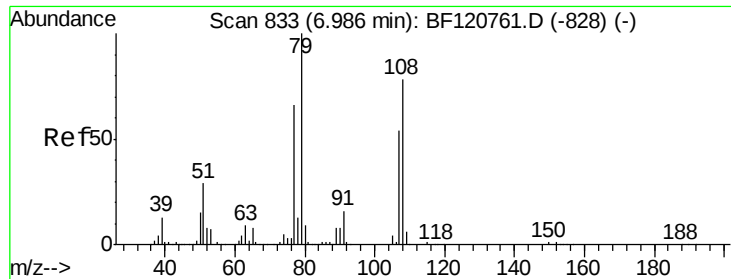


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Time--> 6.98 7.00 7.02 7.04





#15

Benzyl Alcohol

Concen: 4.550 ng/mL

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

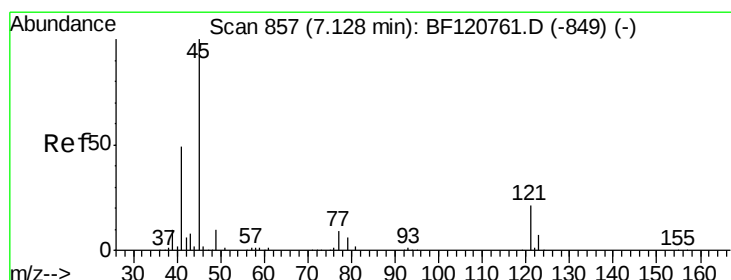
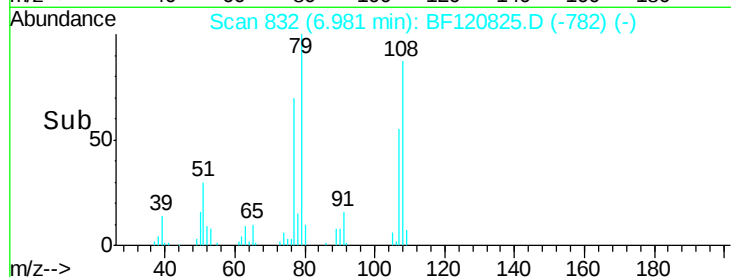
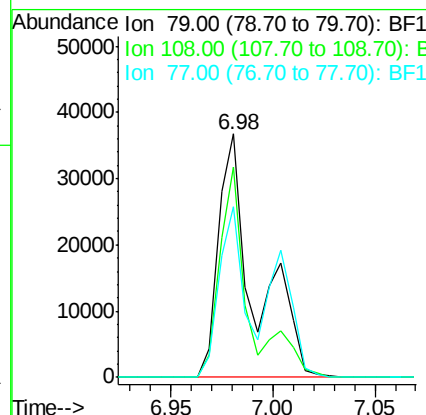
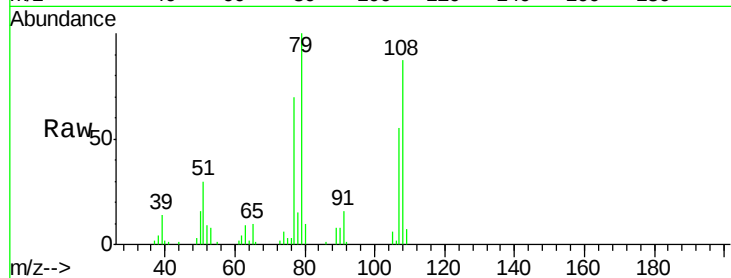
ClientSampleID :

MDL-WATER-03-QT3-2020

Tot Ion:	79	Resp:	46288
Ion Ratio	Lower	Upper	
79	100		
108	86.7	62.4	93.6
77	70.0	52.7	79.1

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#16

2,2'-oxybis(1-chloropropane)

Concen: 3.414 ng/mL

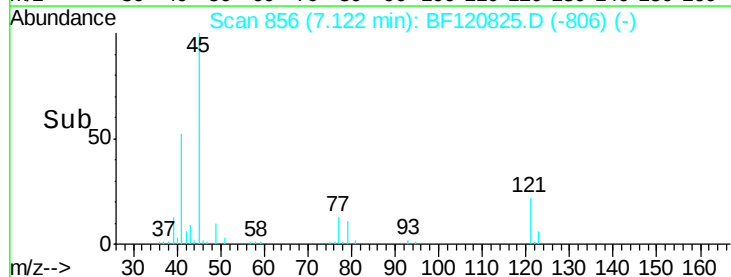
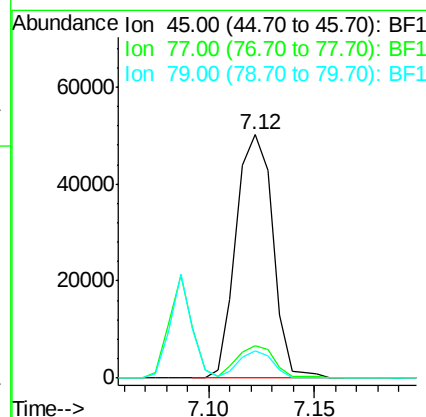
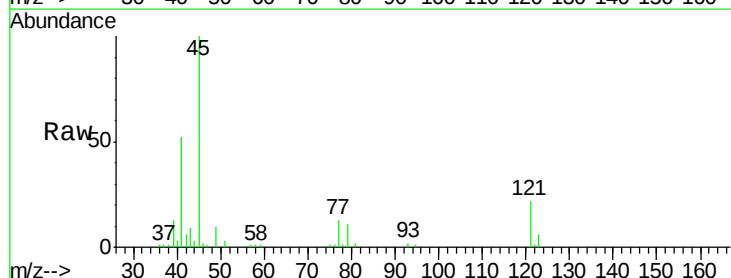
RT: 7.12 min Scan# 856

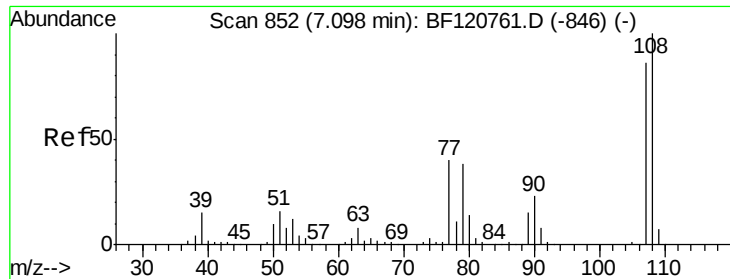
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	45	Resp:	60353
Ion Ratio	Lower	Upper	
45	100		
77	13.5	0.0	33.7
79	11.1	0.0	30.5





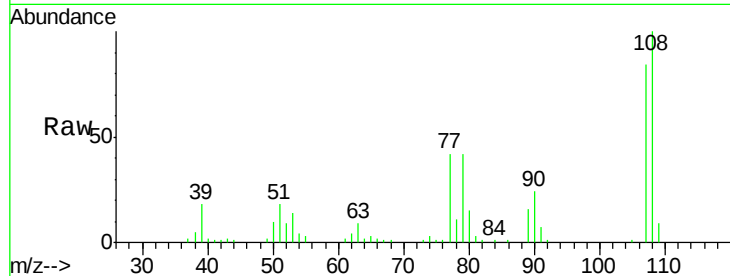
#17
2-Methylphenol
Concen: 3.173 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

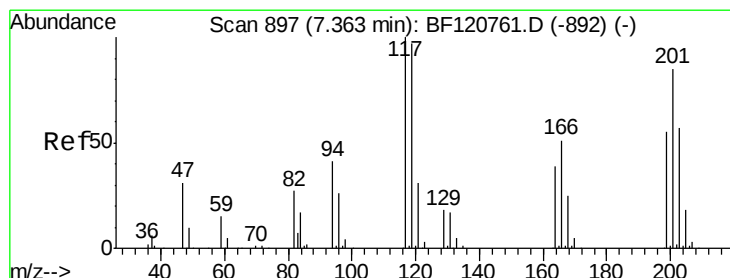
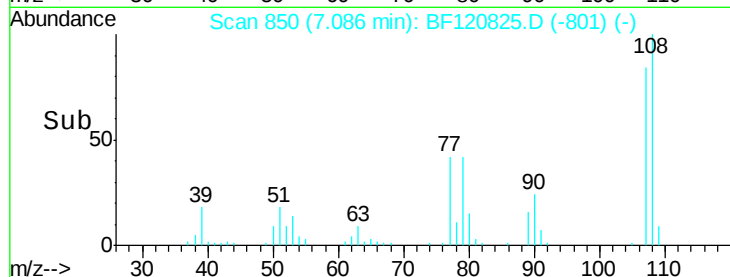
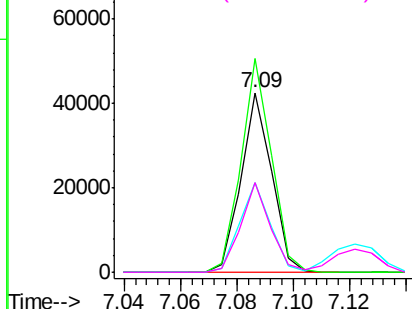
Tot Ion	107	Resp	32035
Ion	Ratio	Lower	Upper
107	100		
108	118.8	93.1	139.7
77	49.7	37.3	55.9
79	50.2	35.3	52.9

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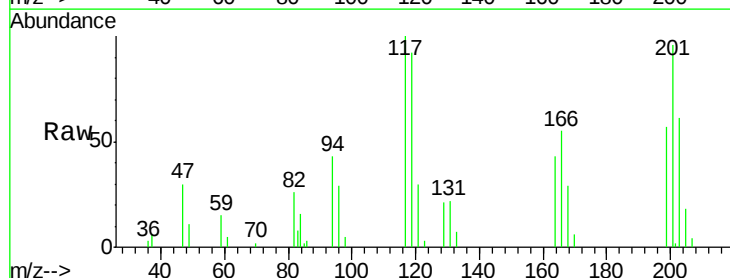


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

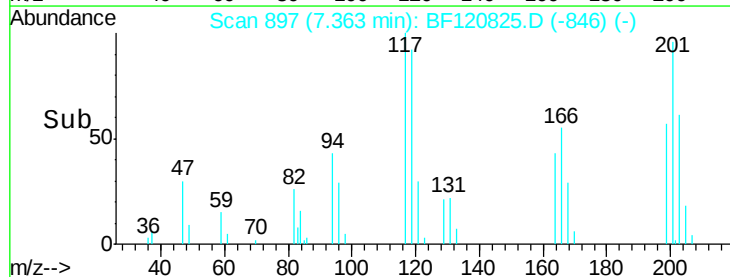
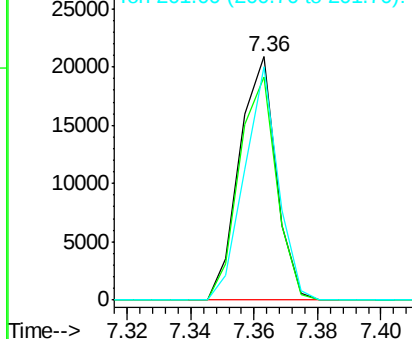


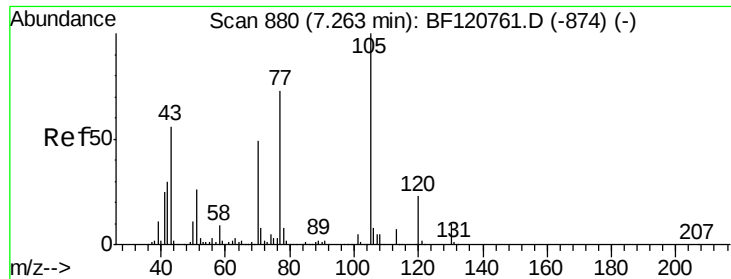
#18
Hexachloroethane
Concen: 3.579 ng
RT: 7.36 min Scan# 897
Delta R.T. 0.00 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	117	Resp	16738
Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.9	116.9
201	98.3	68.3	102.5



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





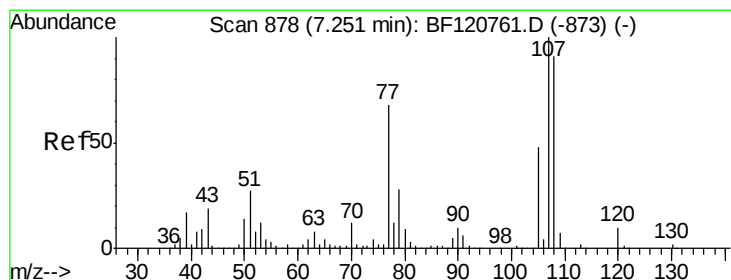
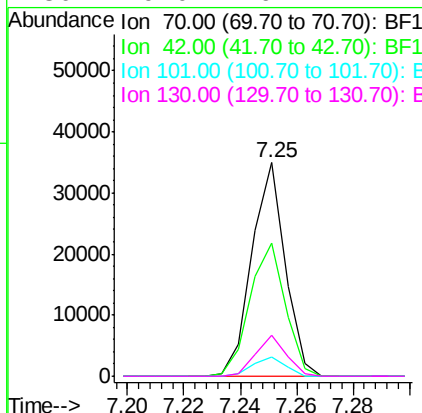
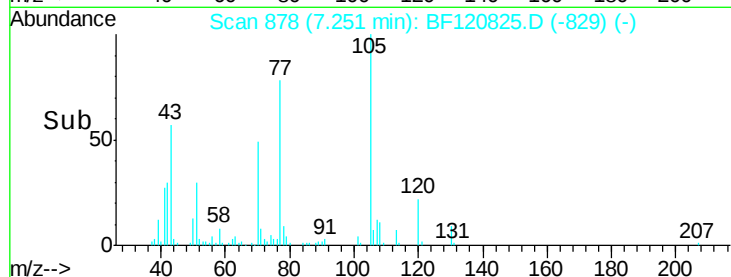
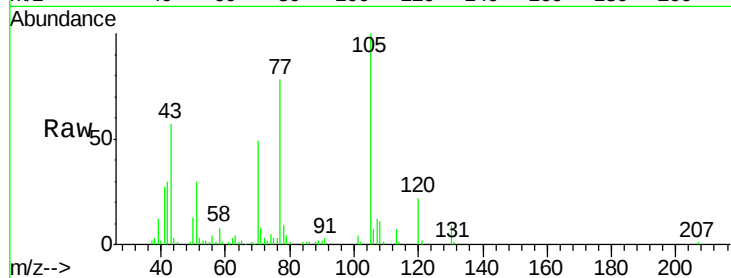
#19
n-Nitroso-di-n-propylamine
Concen: 3.531 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
70	100		
42	62.3	50.3	75.5
101	9.1	7.5	11.3
130	19.0	16.1	24.1

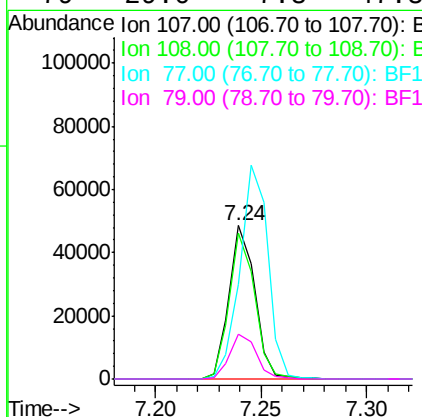
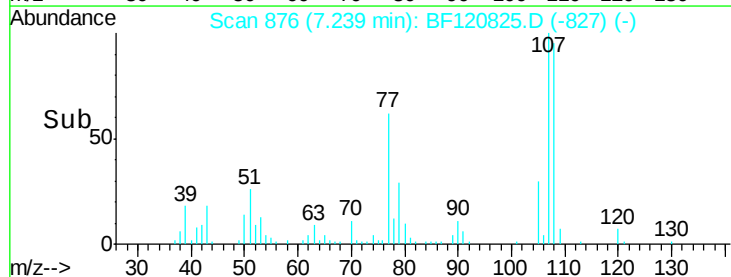
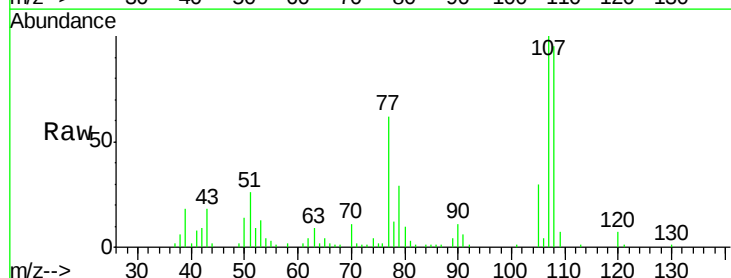
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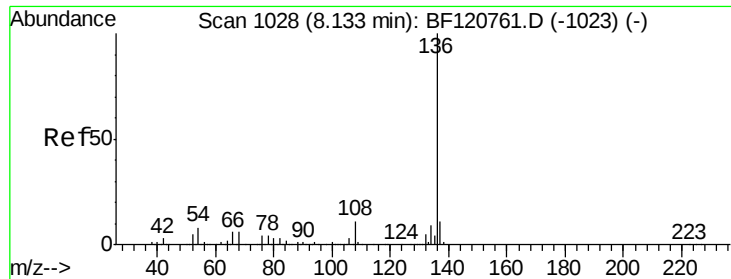
mohammad
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#20
3+4-Methylphenols
Concen: 3.316 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.0	70.9	110.9
77	62.2	48.3	88.3
79	29.0	7.8	47.8





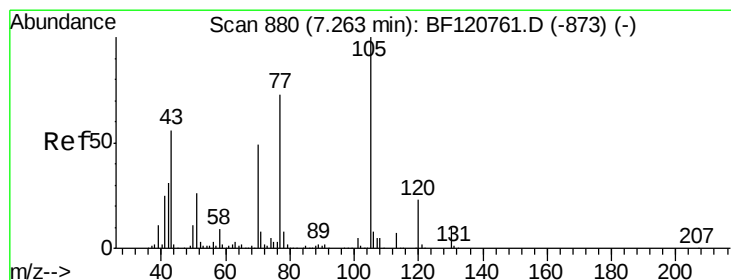
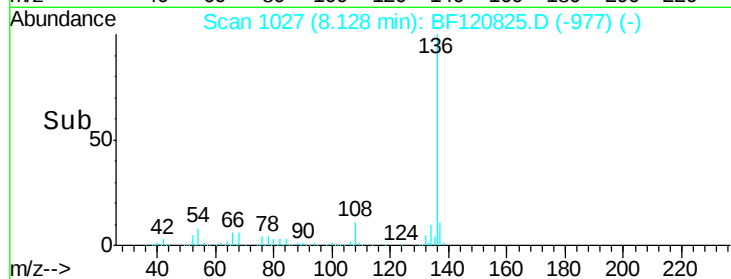
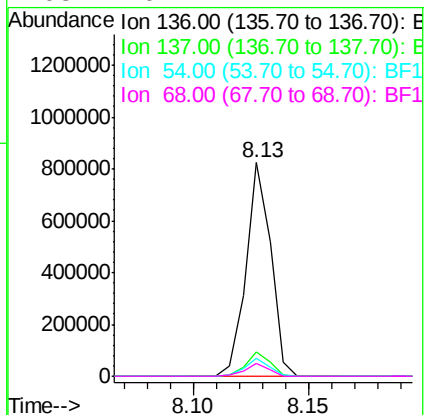
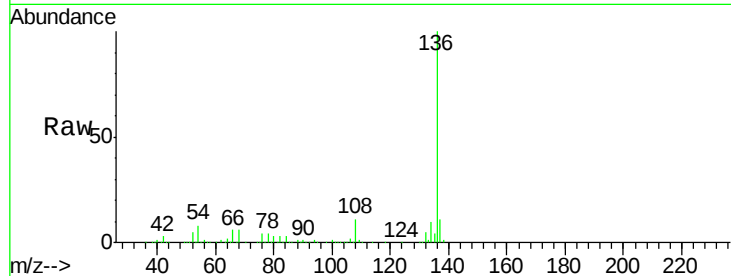
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
136	100	617939		
137	11.1	9.0	13.6	
54	8.5	6.2	9.4	
68	6.1	4.7	7.1	

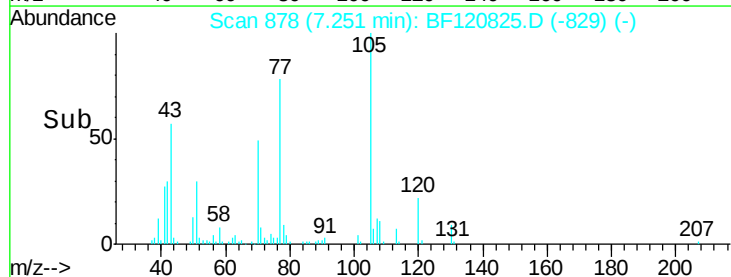
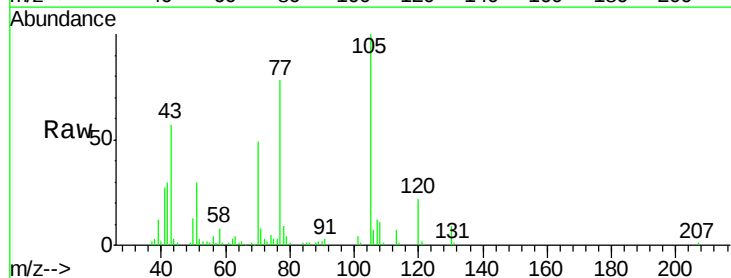
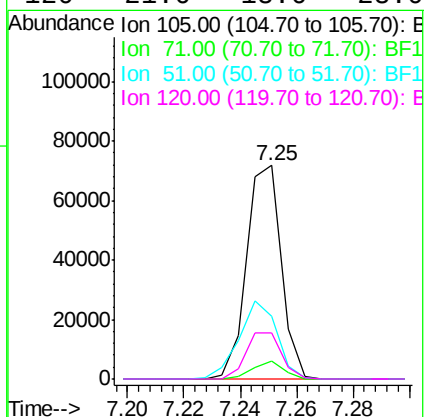
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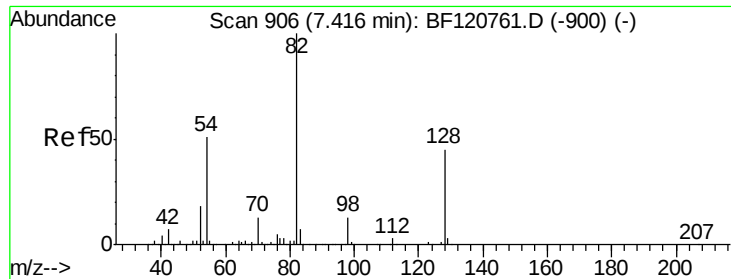
mohammad
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#22
Acetophenone
Concen: 3.989 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	61262		
71	8.3	6.5	9.7	
51	29.6	21.0	31.4	
120	21.6	18.6	28.0	





#23

Nitrobenzene-d5

Concen: 77.157 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

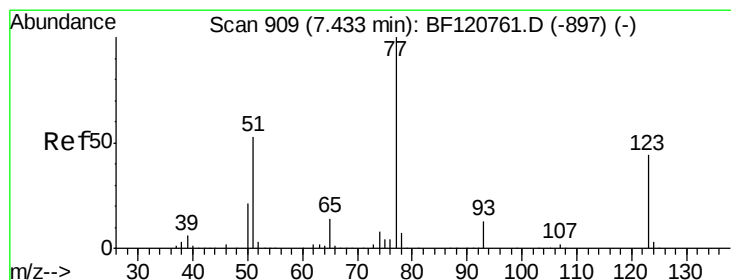
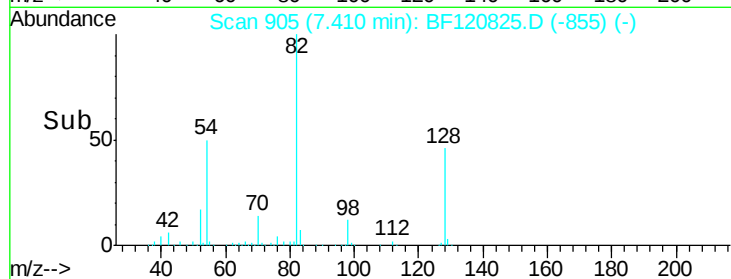
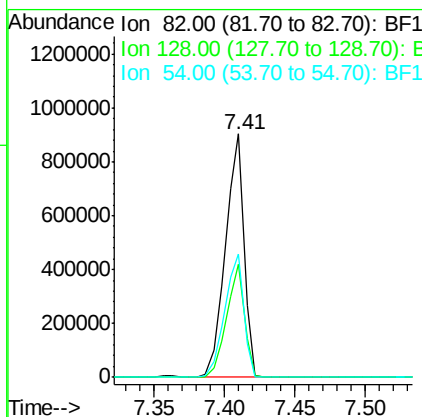
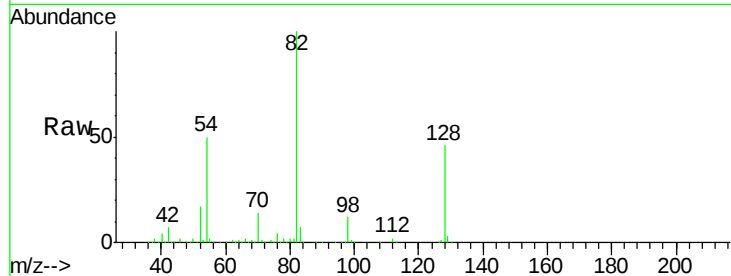
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	82	Resp:	822920
Ion Ratio	Lower	Upper	
82	100		
128	46.4	35.7	53.5
54	50.4	40.9	61.3

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#24

Nitrobenzene

Concen: 4.059 ng

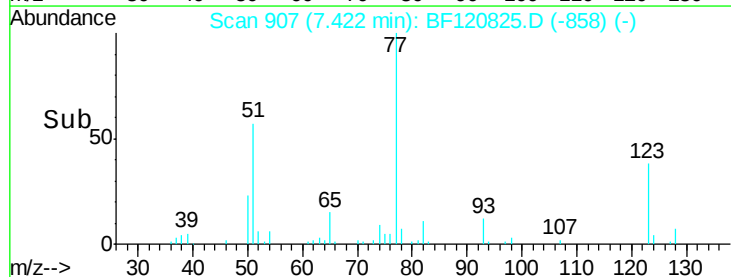
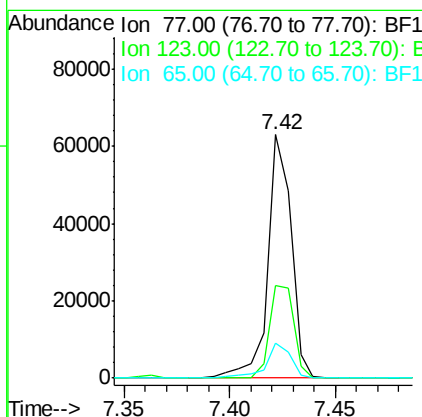
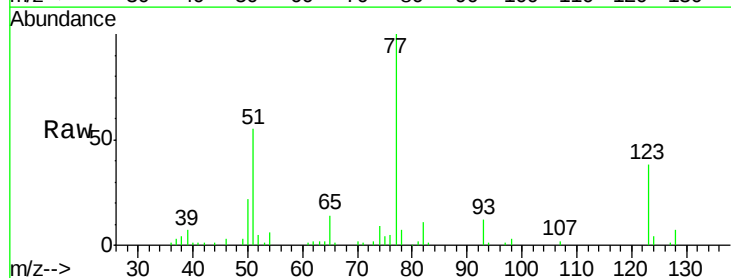
RT: 7.42 min Scan# 907

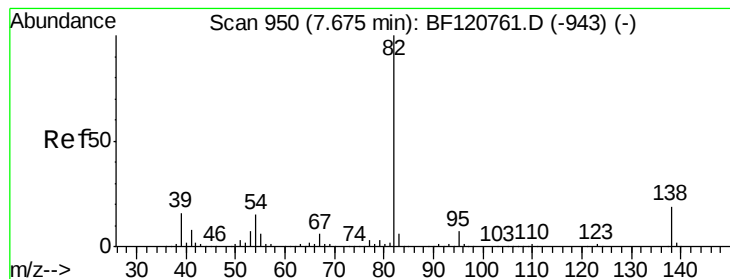
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	77	Resp:	48611
Ion Ratio	Lower	Upper	
77	100		
123	38.0	36.1	54.1
65	14.4	11.0	16.4





#25

Isophorone

Concen: 3.244 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

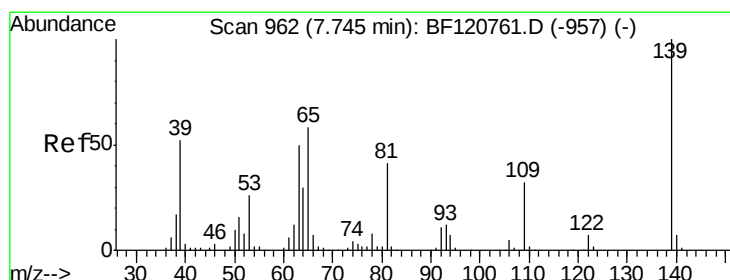
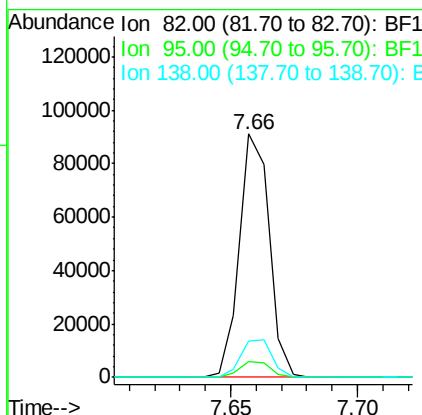
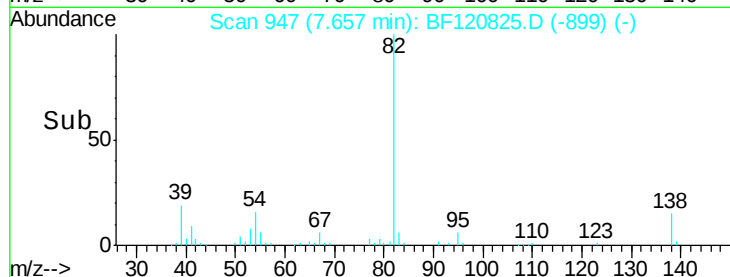
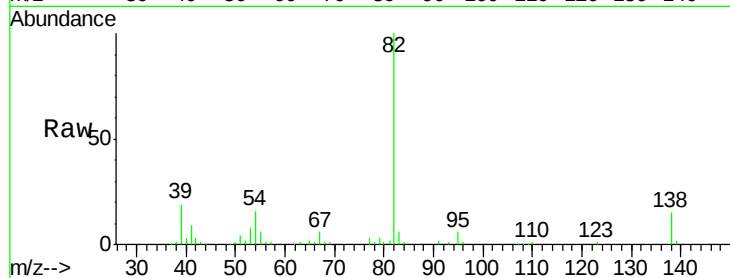
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	82	Resp:	74615
Ion Ratio	Lower	Upper	
82	100		
95	6.3	5.4	8.2
138	15.0	15.0	22.4

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#26

2-Nitrophenol

Concen: 2.984 ng

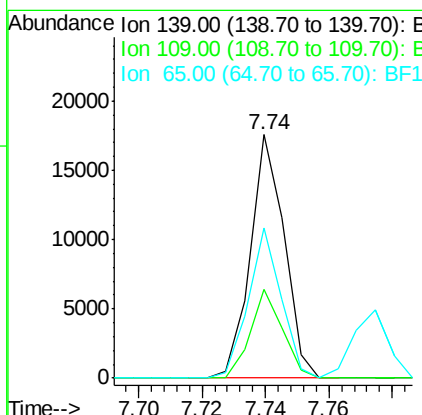
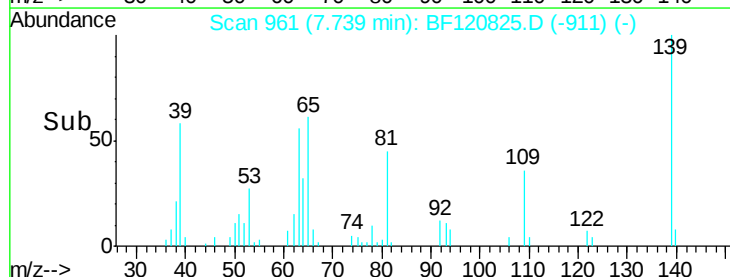
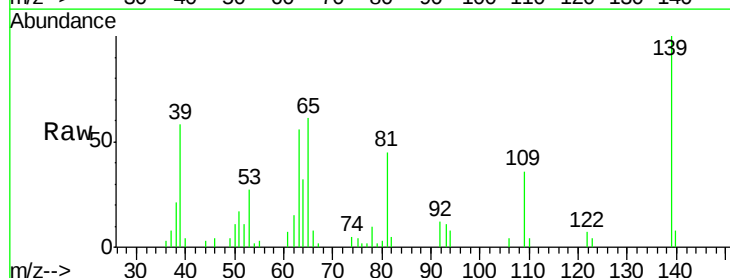
RT: 7.74 min Scan# 961

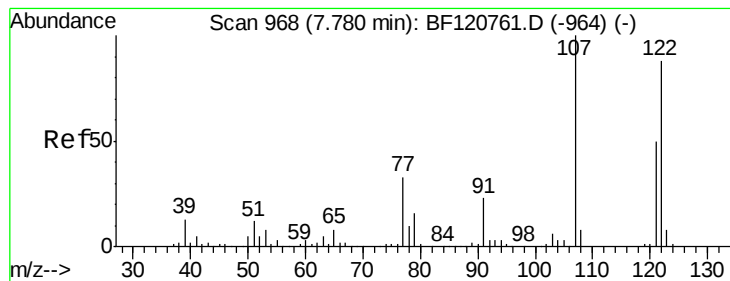
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	139	Resp:	13063
Ion Ratio	Lower	Upper	
139	100		
109	36.3	25.3	37.9
65	61.4	46.2	69.2





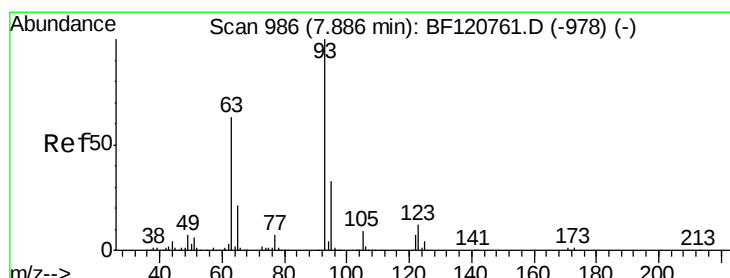
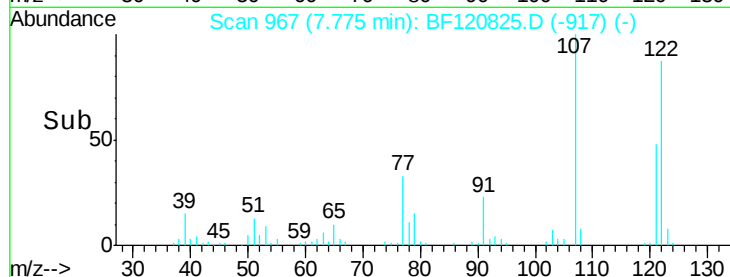
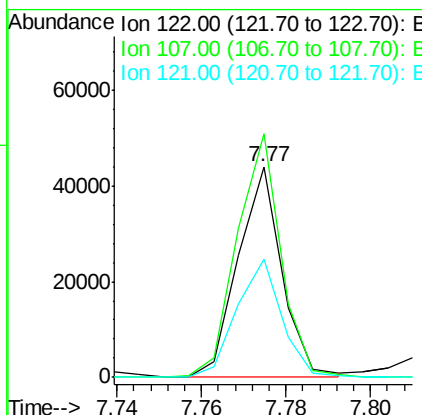
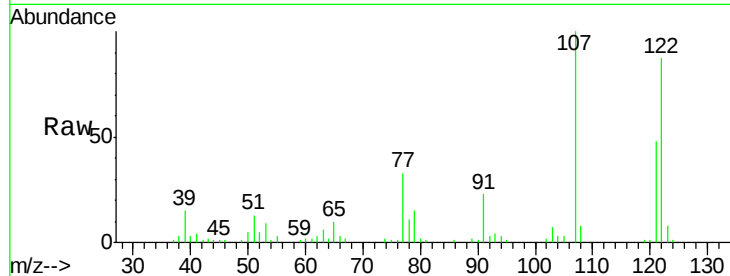
#27
 2,4-Dimethylphenol
 Concen: 3.446 ng
 RT: 7.77 min Scan# 967
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		31637		
107	115.5	90.7	136.1		
121	55.9	45.4	68.0		

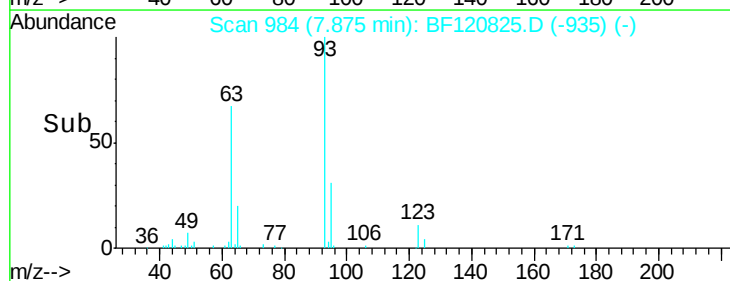
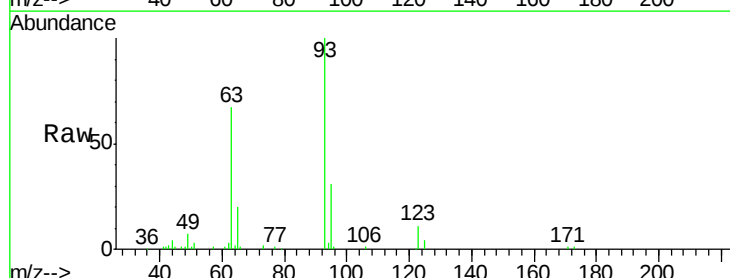
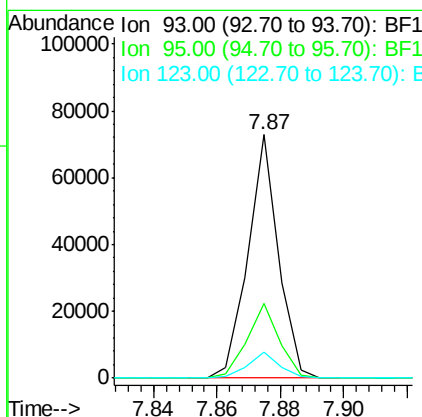
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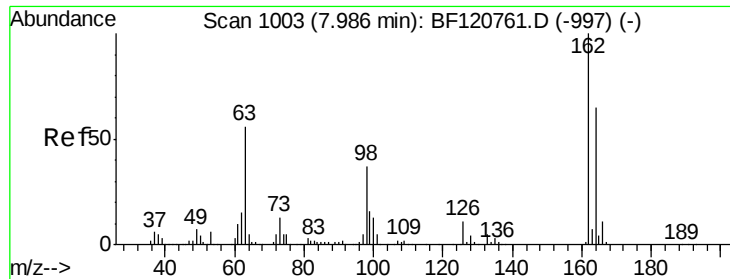
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#28
 bis(2-Chloroethoxy)methane
 Concen: 3.560 ng
 RT: 7.87 min Scan# 984
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		48467		
95	30.7	26.4	39.6		
123	10.7	10.2	15.2		





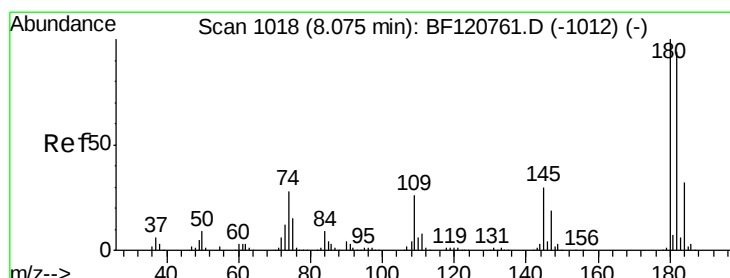
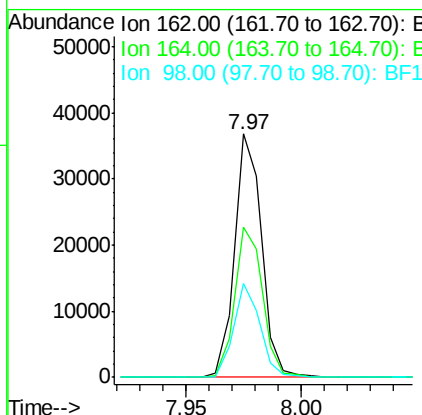
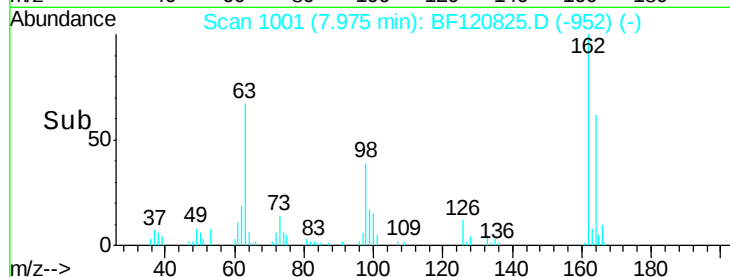
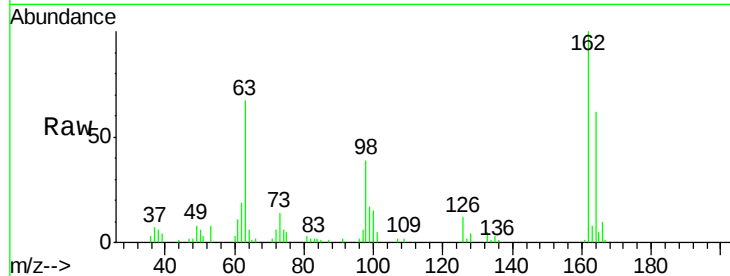
#29
2,4-Dichlorophenol
Concen: 3.275 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	45.2	85.2
98	38.5	17.0	57.0

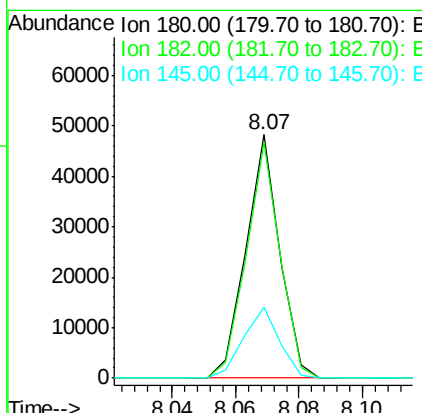
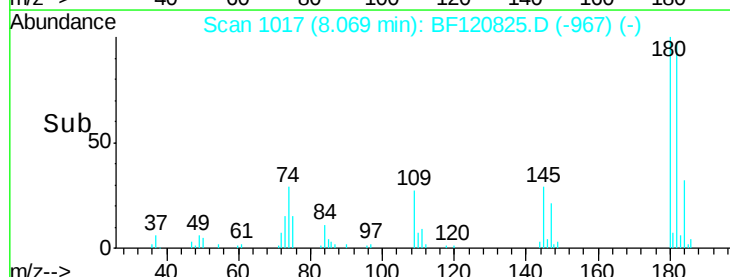
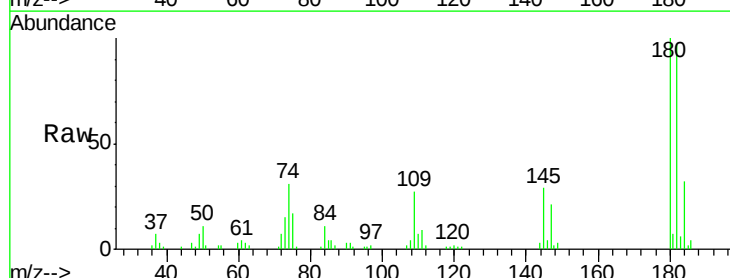
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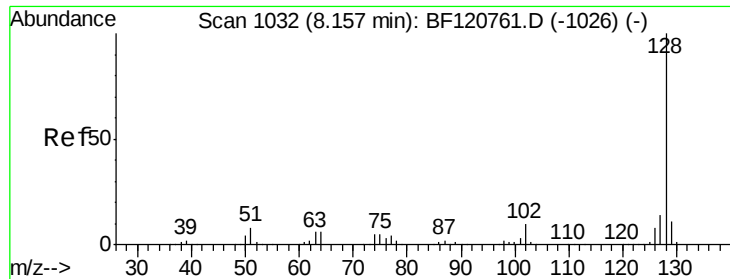
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#30
1,2,4-Trichlorobenzene
Concen: 3.448 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	75.5	113.3
145	29.1	24.1	36.1





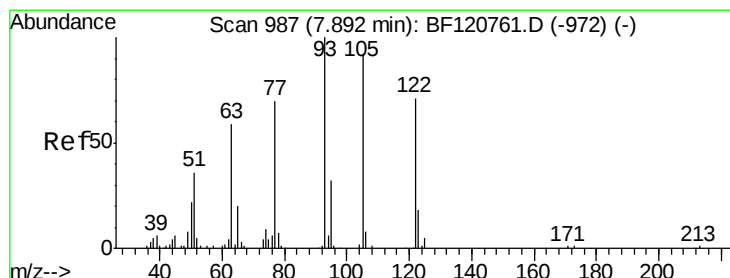
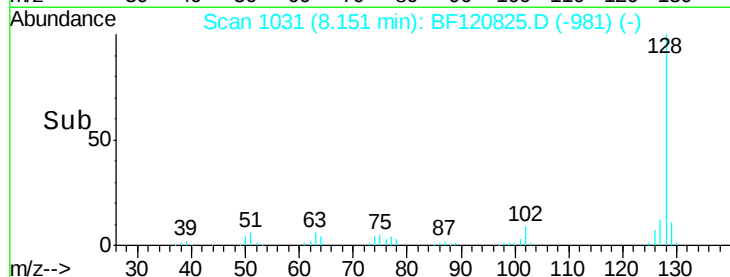
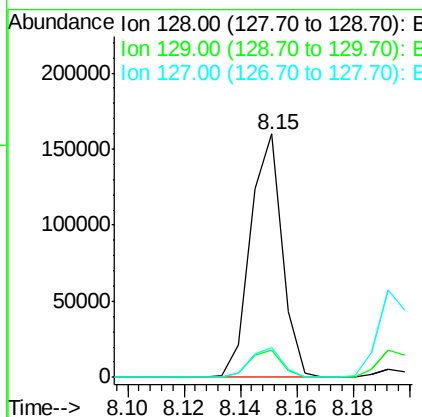
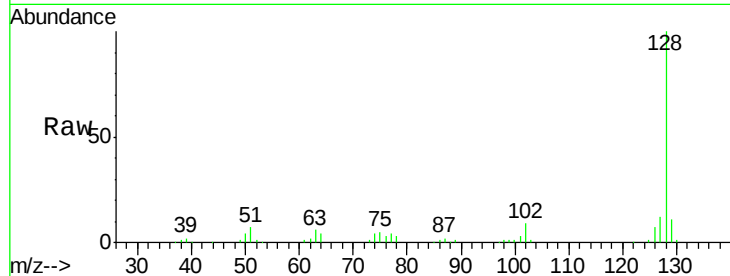
#31
Naphthalene
Concen: 3.762 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	12.5	11.1	16.7

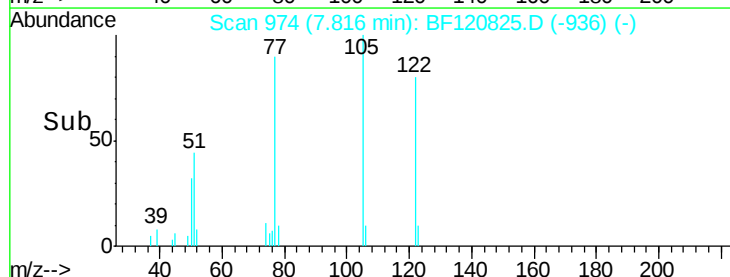
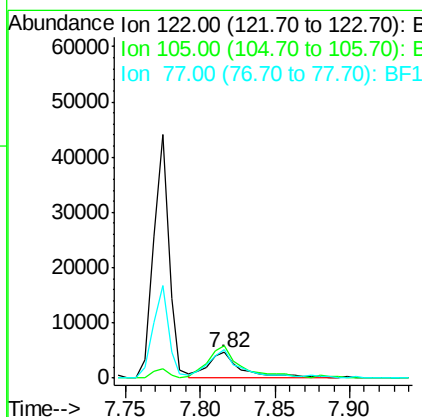
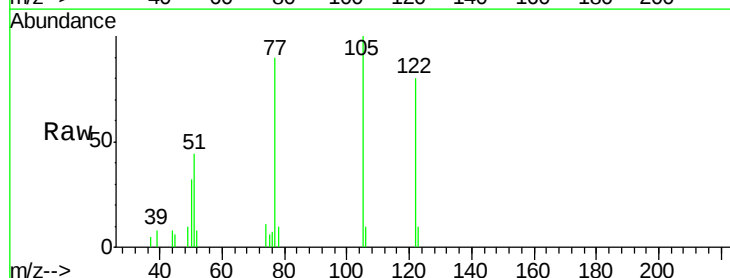
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#32
Benzoic acid
Concen: 1.512 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.08 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.4	105.8	145.8
77	112.3	77.3	117.3





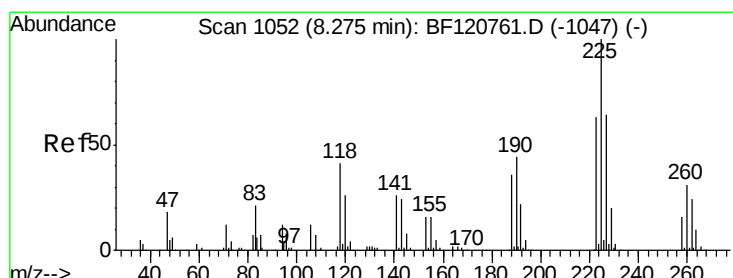
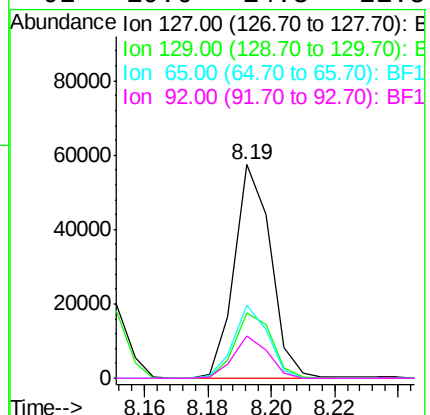
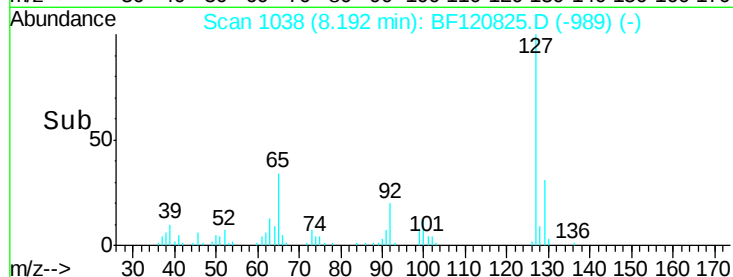
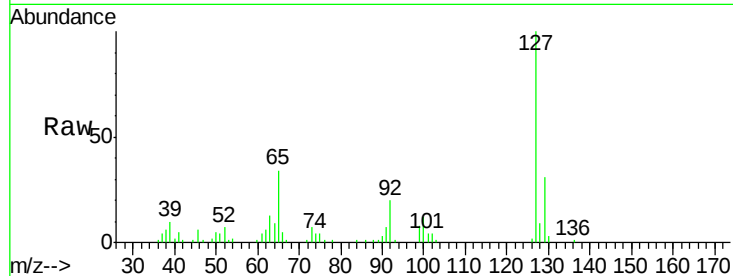
#33
4-Chloroaniline
Concen: 3.265 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		45748		
129	30.6	26.6	39.8		
65	34.0	22.7	34.1		
92	19.6	14.3	21.5		

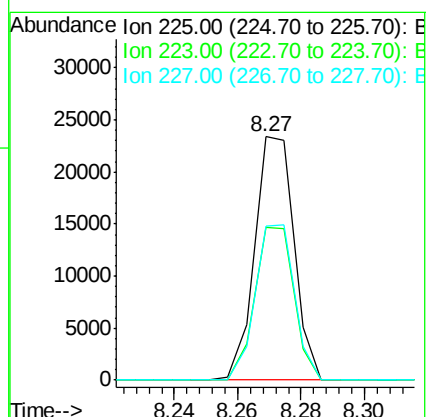
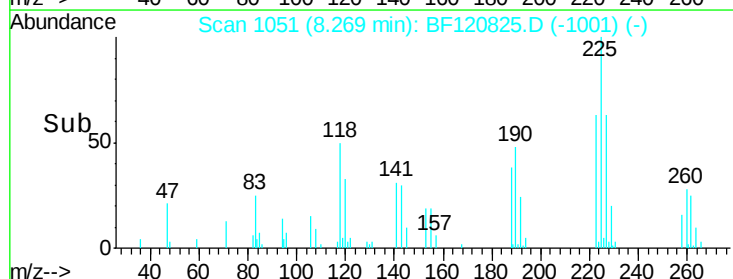
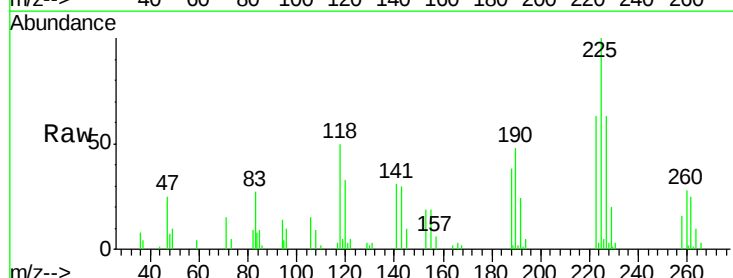
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#34
Hexachlorobutadiene
Concen: 3.265 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		20216		
223	66.0	50.6	76.0		
227	63.3	51.4	77.2		





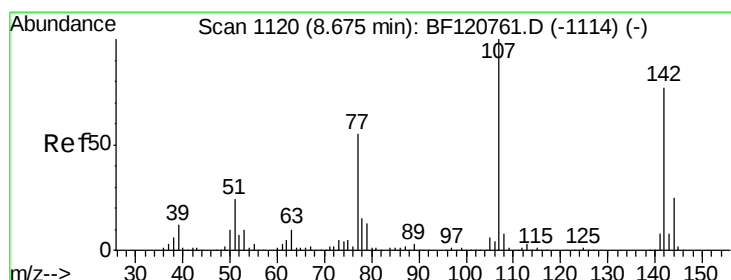
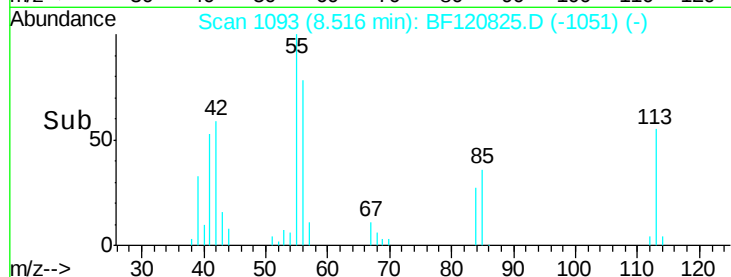
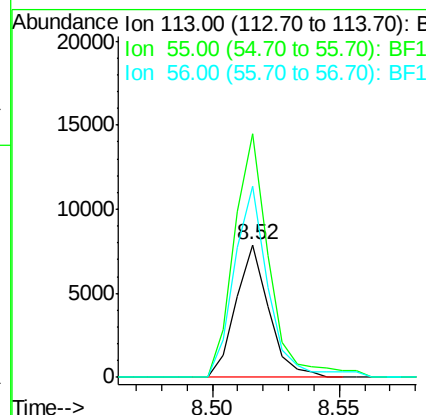
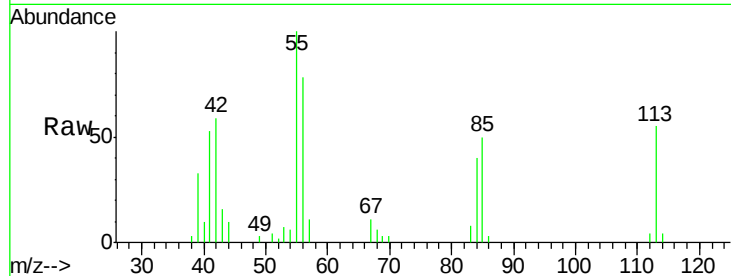
#35
 Caprolactam
 Concen: 2.670 ng
 RT: 8.52 min Scan# 1093
 Delta R.T. -0.05 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
113	100		
55	183.2	168.3	208.3
56	143.7	118.8	158.8

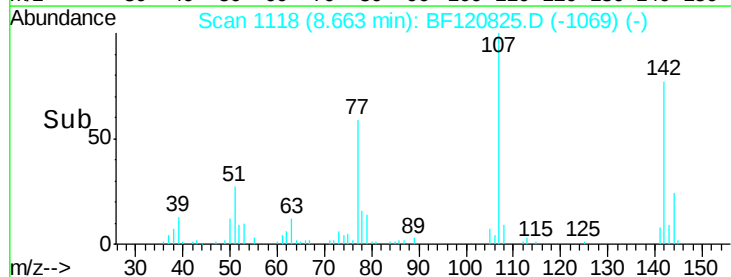
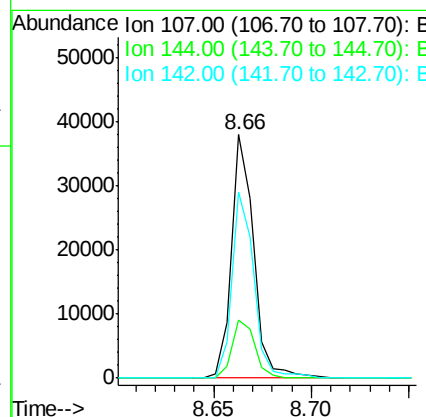
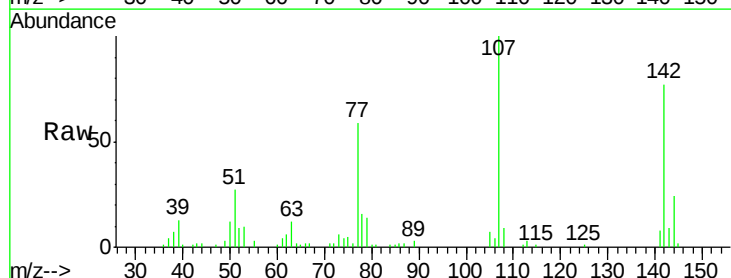
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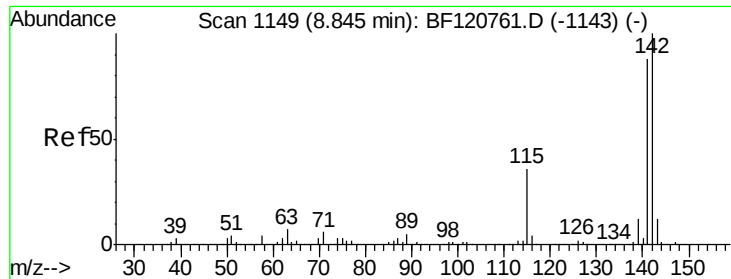
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#36
 4-Chloro-3-methylphenol
 Concen: 3.147 ng
 RT: 8.66 min Scan# 1118
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.8	19.7	29.5
142	76.5	61.2	91.8





#37

2-Methylnaphthalene

Concen: 3.612 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

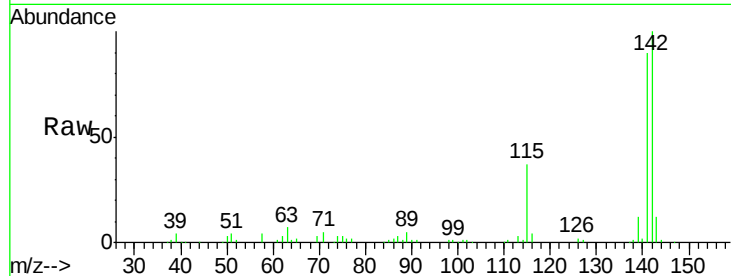
ClientSampleId :

MDL-WATER-03-QT3-2020

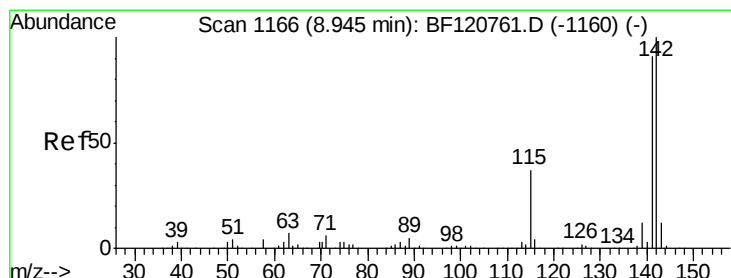
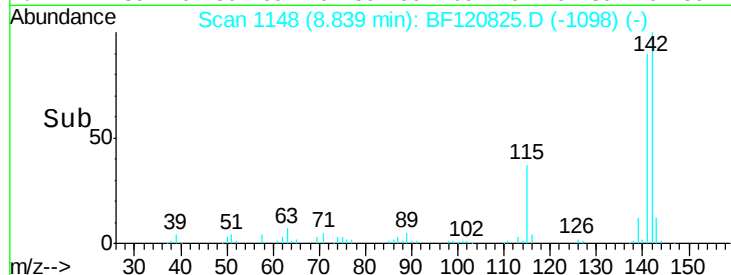
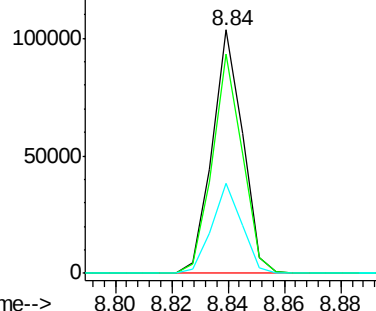
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.2	70.2	105.4
115	36.8	29.0	43.4

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Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 3.618 ng

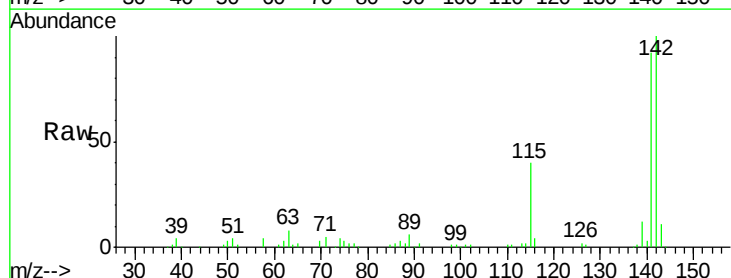
RT: 8.94 min Scan# 1165

Delta R.T. -0.01 min

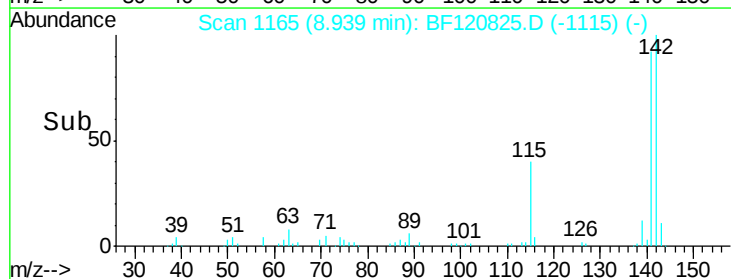
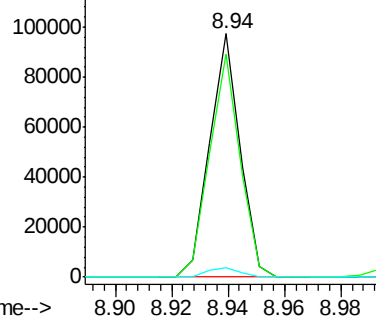
Lab File: BF120825.D

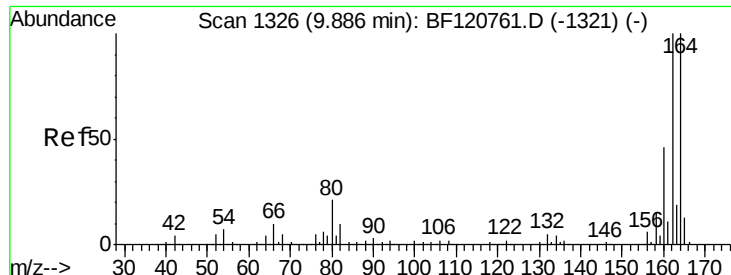
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	72.5	108.7
116	4.0	3.1	4.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





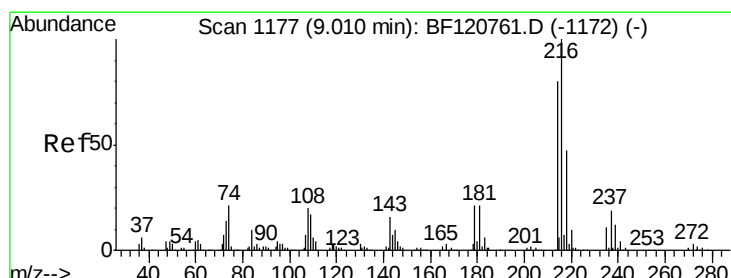
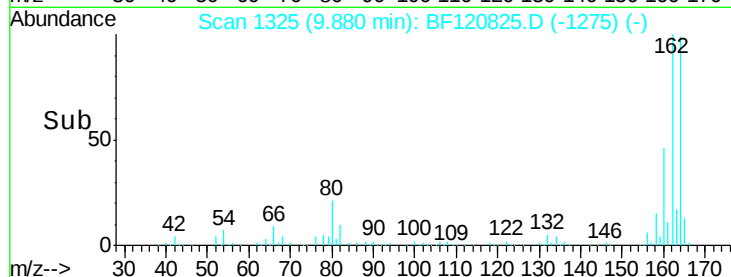
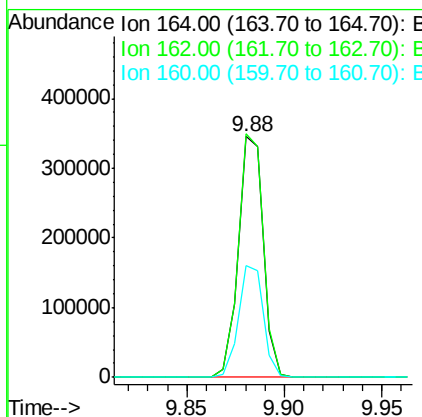
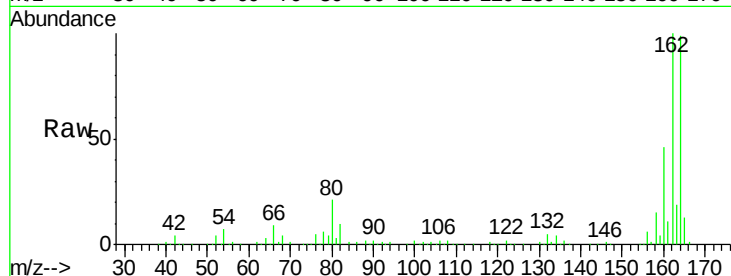
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.1	80.2	120.2
160	46.6	36.9	55.3

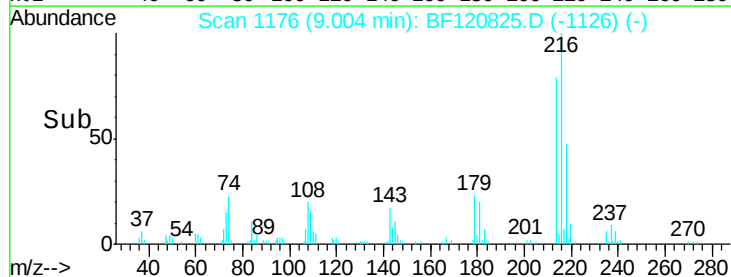
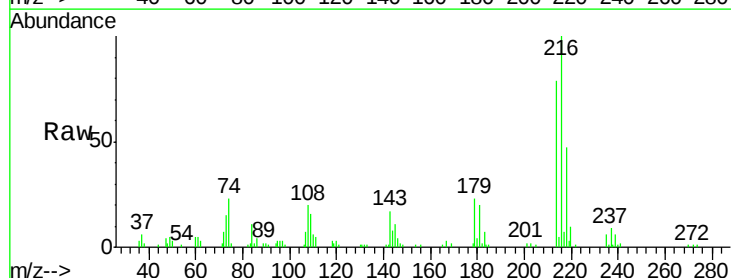
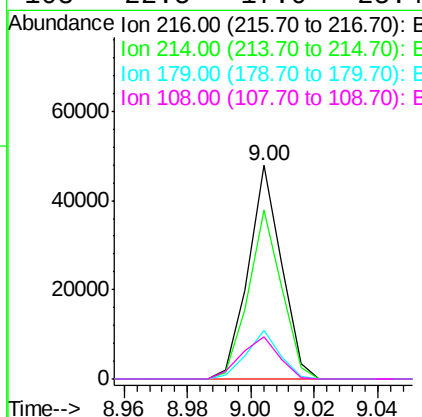
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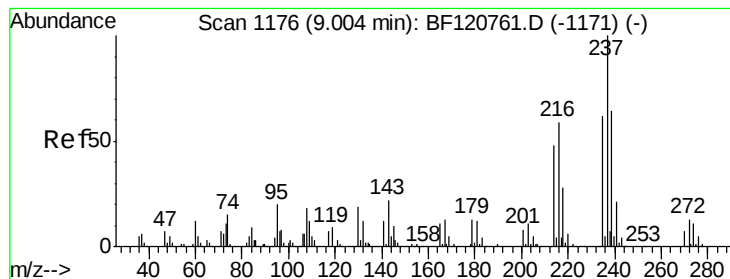
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.779 ng
RT: 9.00 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.7	95.5
179	22.4	16.7	25.1
108	22.5	17.0	25.4





#41

Hexachlorocyclopentadiene

Concen: 2.482 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

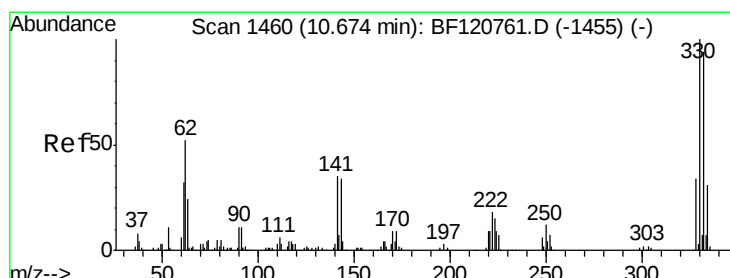
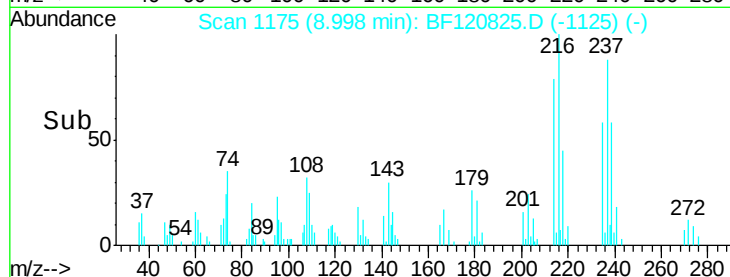
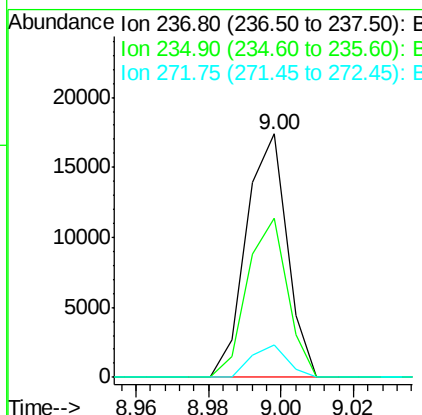
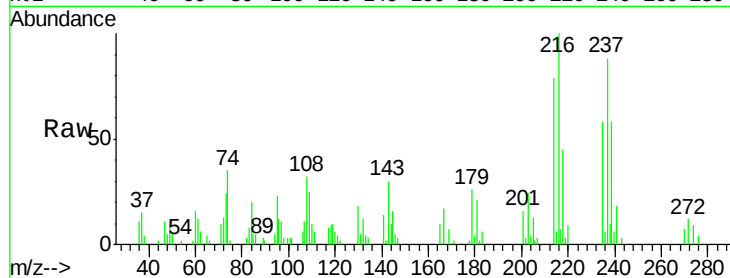
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	237	Resp:	13527
Ion Ratio	Lower	Upper	
237	100		
235	65.2	42.1	82.1
272	13.2	0.0	33.4

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#42

2,4,6-Tribromophenol

Concen: 136.841 ng

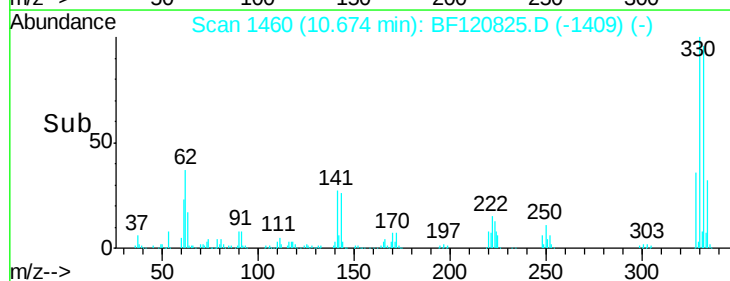
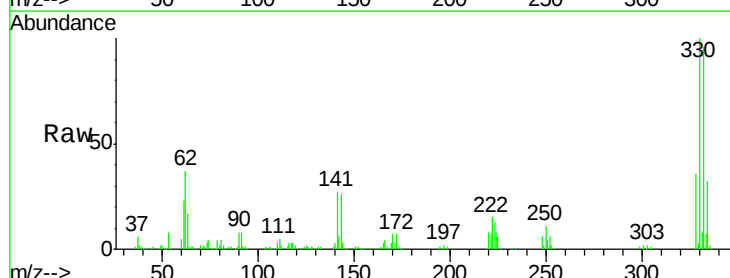
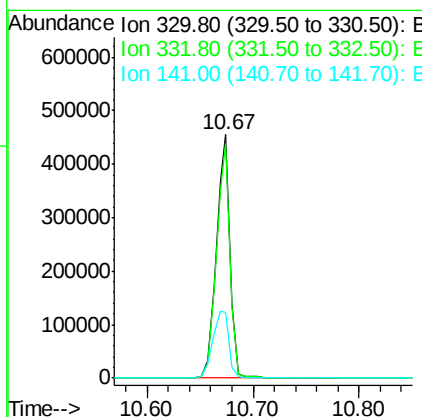
RT: 10.67 min Scan# 1460

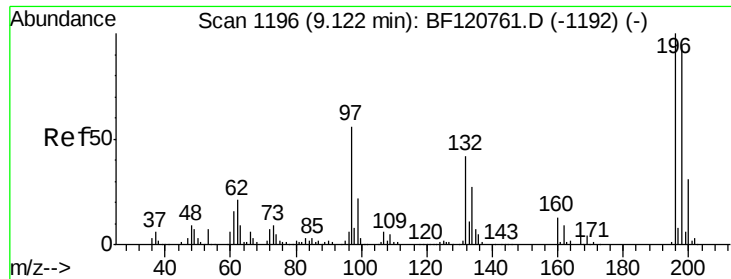
Delta R.T. 0.00 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	330	Resp:	419601
Ion Ratio	Lower	Upper	
330	100		
332	96.1	75.8	113.6
141	33.0	29.7	44.5





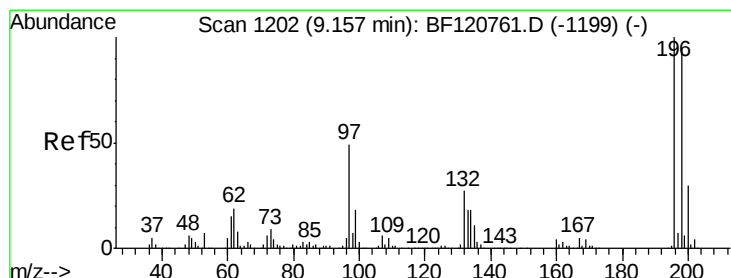
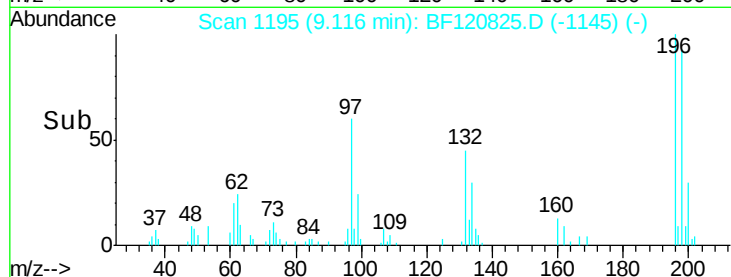
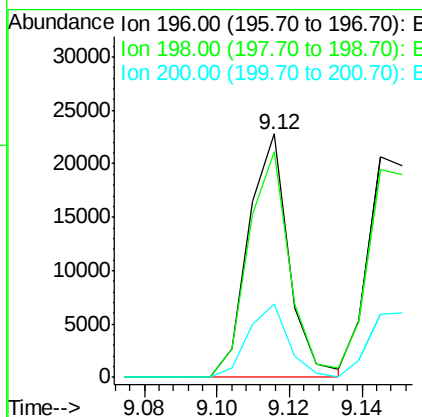
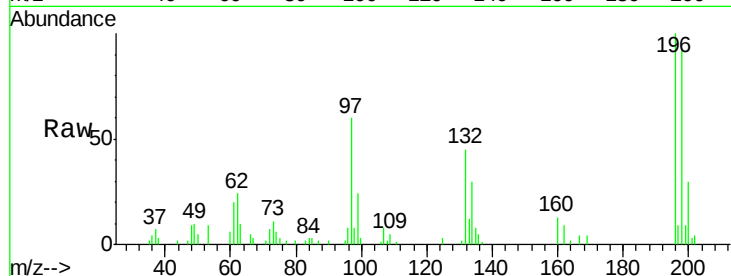
#43
 2,4,6-Trichlorophenol
 Concen: 2.821 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
196	100	17733		
198	92.7		75.3	112.9
200	30.3		24.4	36.6

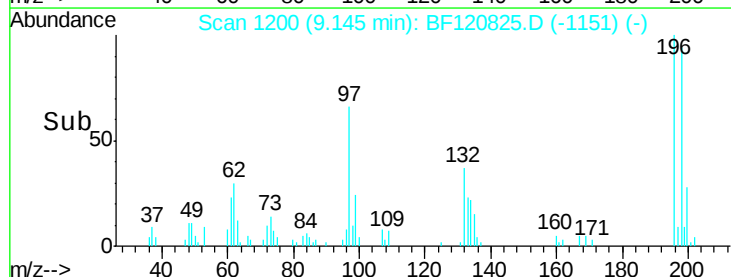
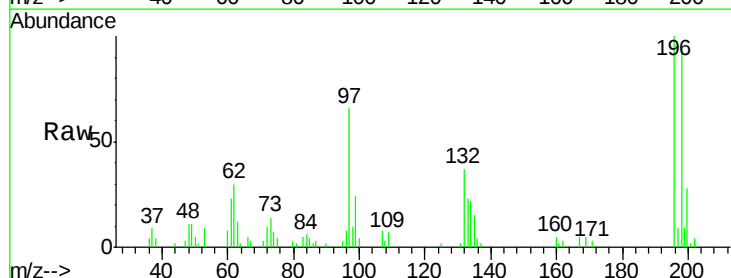
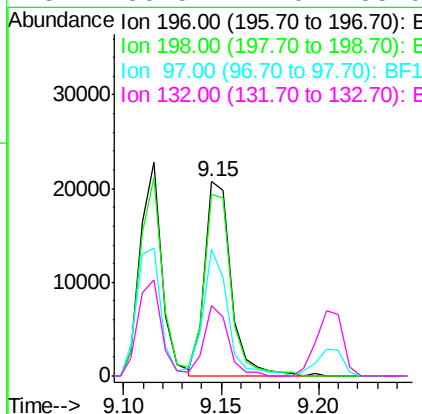
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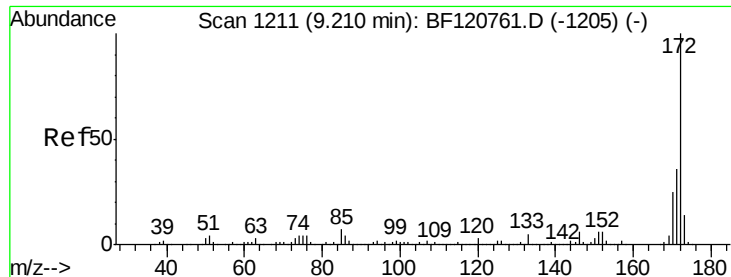
mohammad
 7/13/2020 1:04:29 PM



#44
 2,4,5-Trichlorophenol
 Concen: 2.835 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	19777		
198	93.8		76.2	114.2
97	65.6		39.6	59.4#
132	36.5		22.0	33.0#





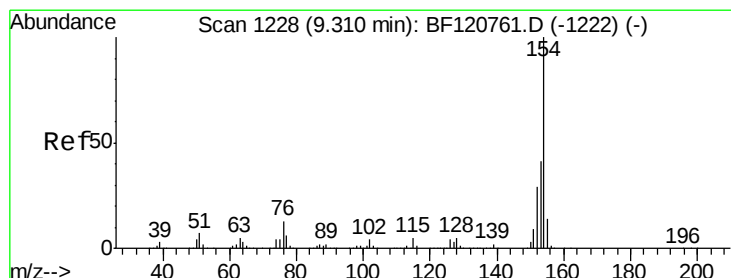
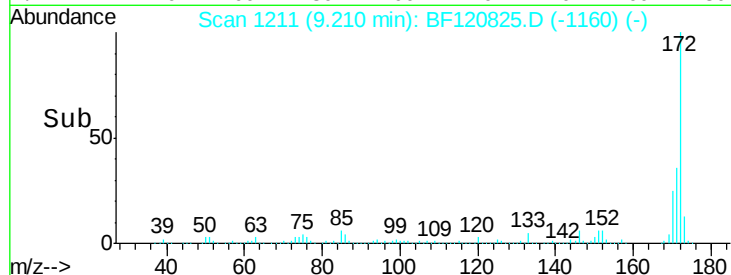
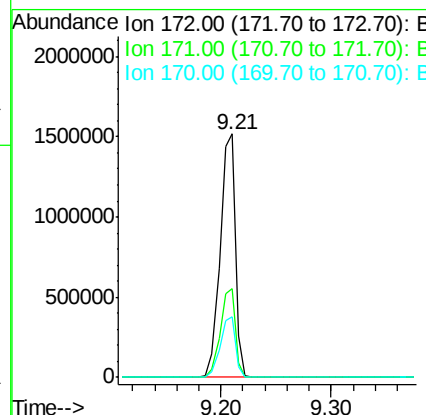
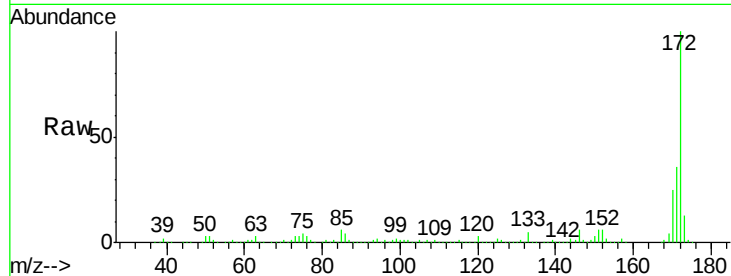
#45
2-Fluorobiphenyl
Concen: 71.351 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.1	43.7
170	25.1	19.8	29.6

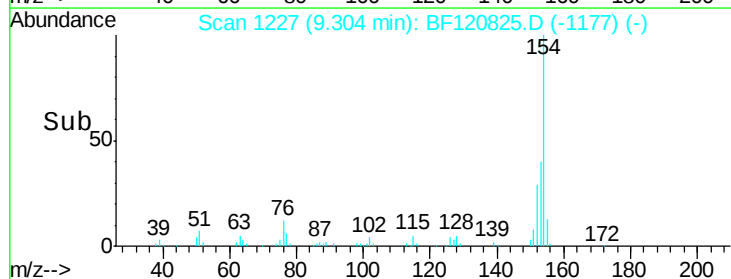
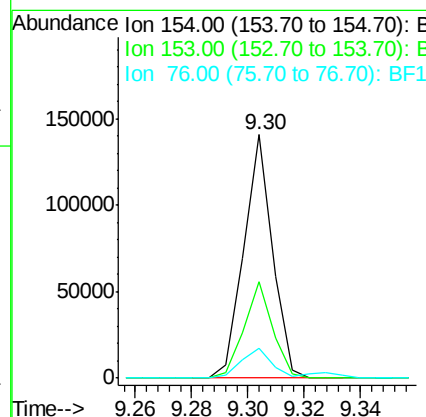
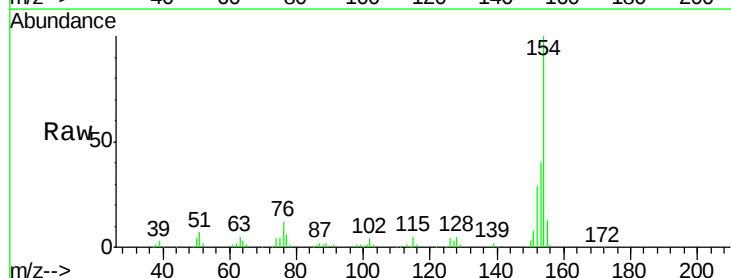
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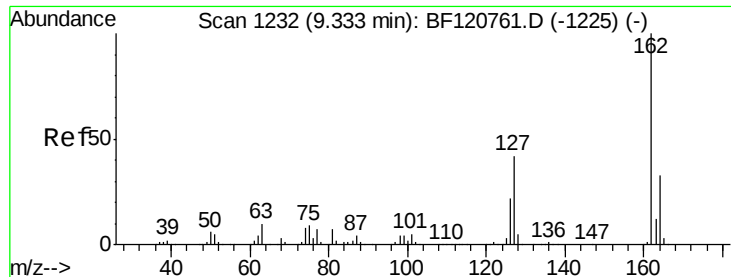
mohammad
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#46
1,1'-Biphenyl
Concen: 4.038 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.7	20.7	60.7
76	12.2	0.0	33.3





#47

2-Chloronaphthalene

Concen: 3.488 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

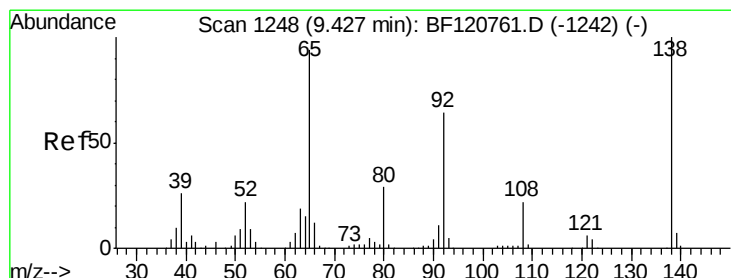
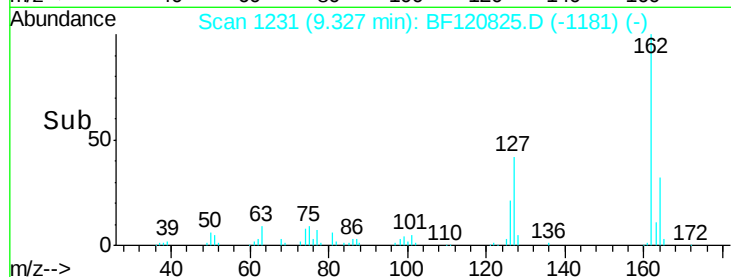
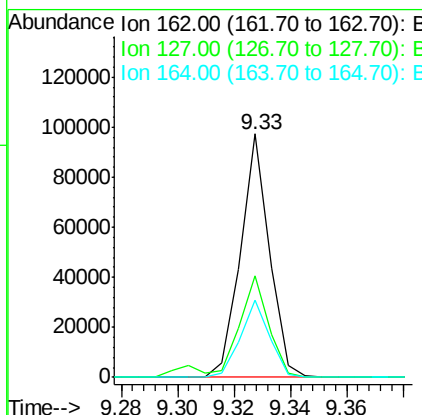
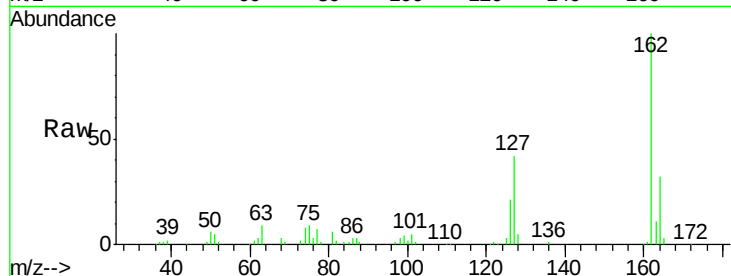
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	162	Resp:	68794
Ion Ratio	Lower	Upper	
162	100		
127	41.9	33.7	50.5
164	31.7	26.4	39.6

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#48

2-Nitroaniline

Concen: 3.084 ng

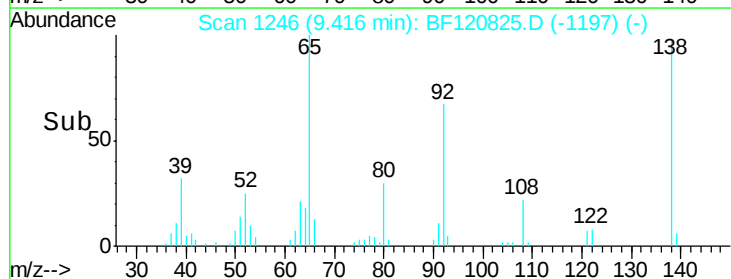
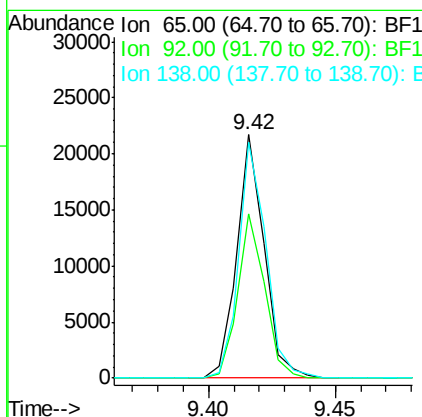
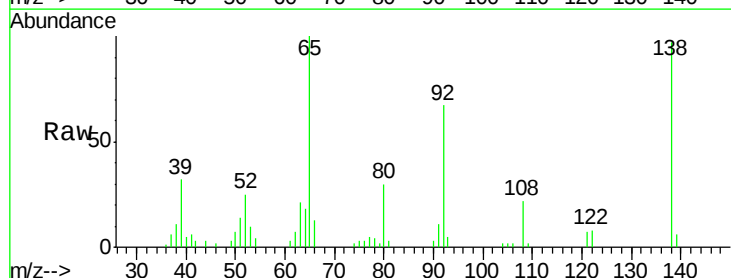
RT: 9.42 min Scan# 1246

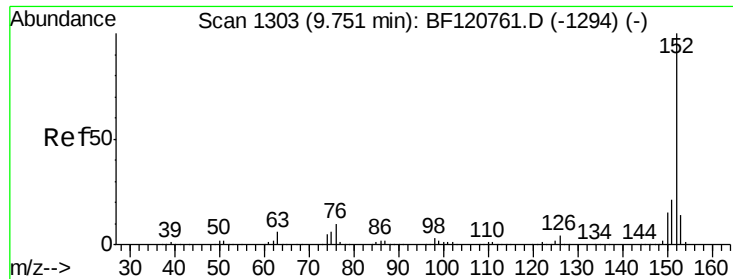
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	65	Resp:	16274
Ion Ratio	Lower	Upper	
65	100		
92	67.2	54.4	81.6
138	96.7	84.7	127.1





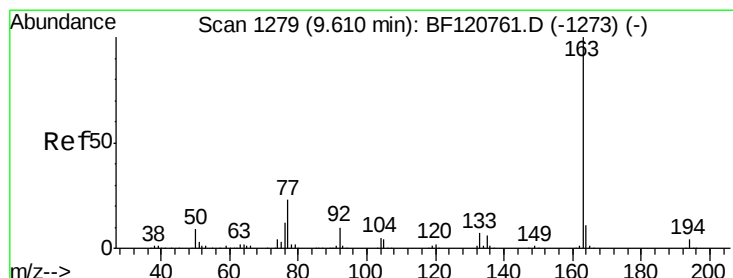
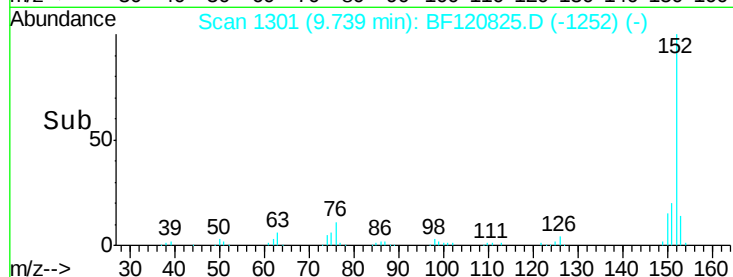
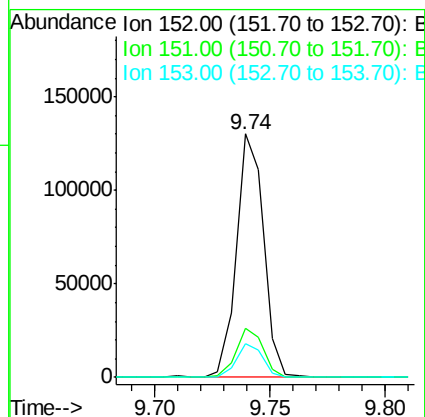
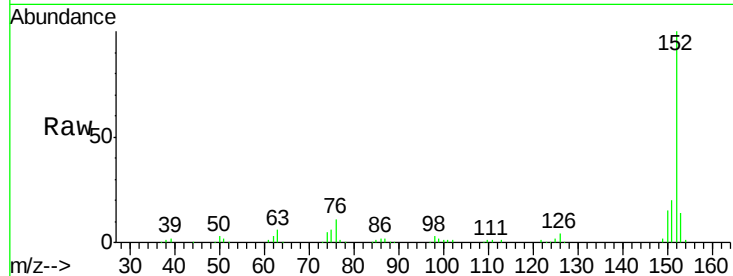
#49
Acenaphthylene
Concen: 3.451 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
152	100		
151	20.1	16.9	25.3
153	13.6	10.8	16.2

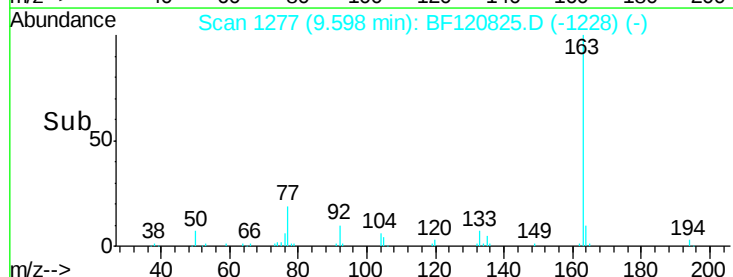
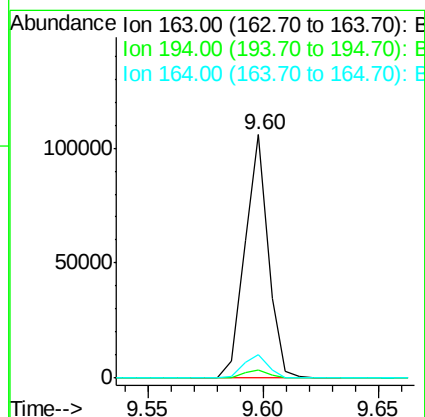
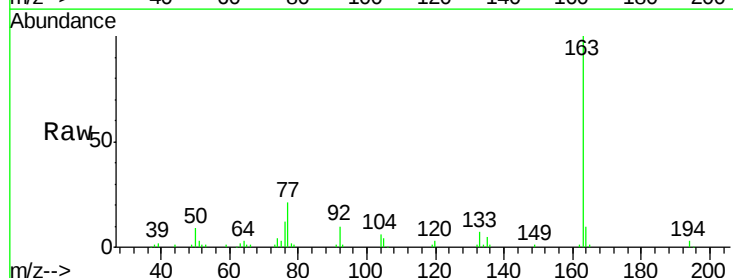
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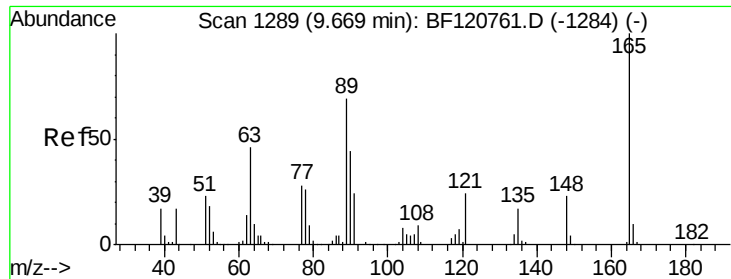
mohammad
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#50
Dimethylphthalate
Concen: 3.360 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.5	2.9	4.3
164	9.8	8.5	12.7





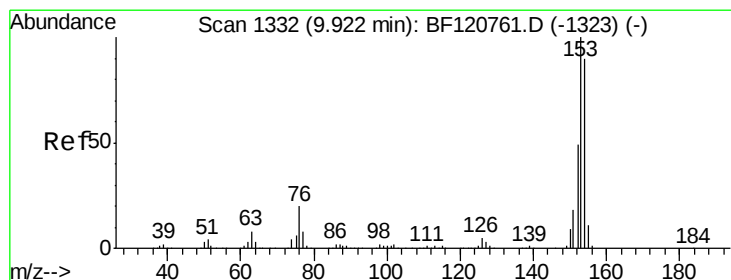
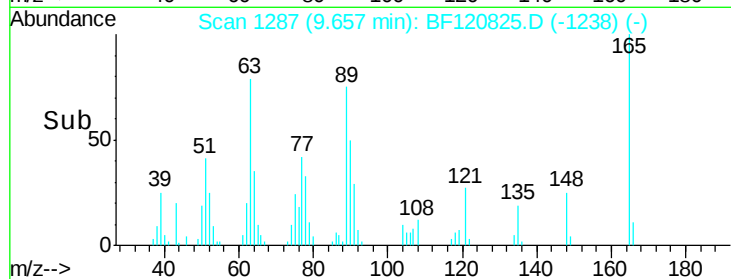
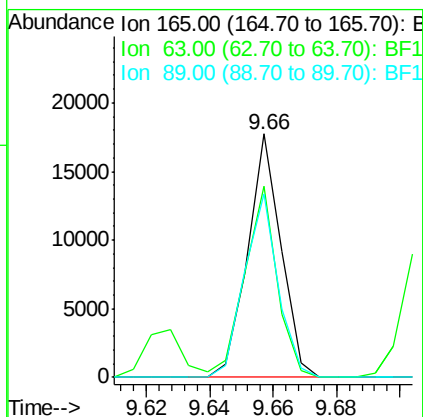
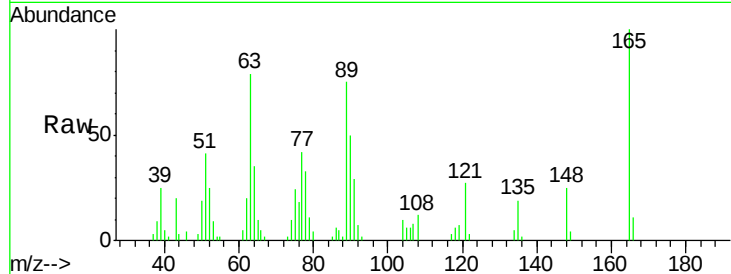
#51
2,6-Dinitrotoluene
Concen: 3.207 ng
RT: 9.66 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
165	100	12900		
63	78.6	54.0	81.0	
89	75.4	55.4	83.2	

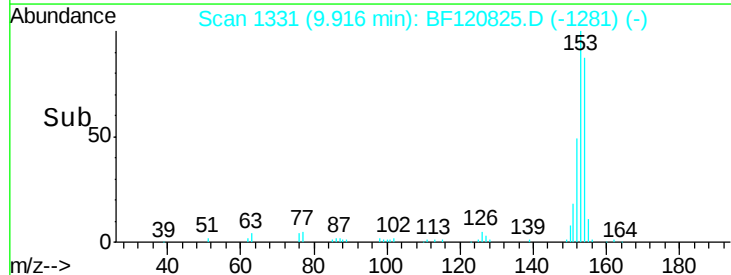
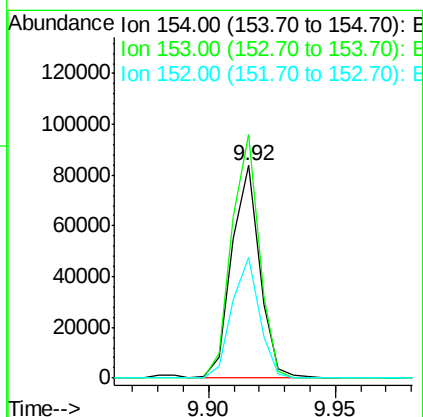
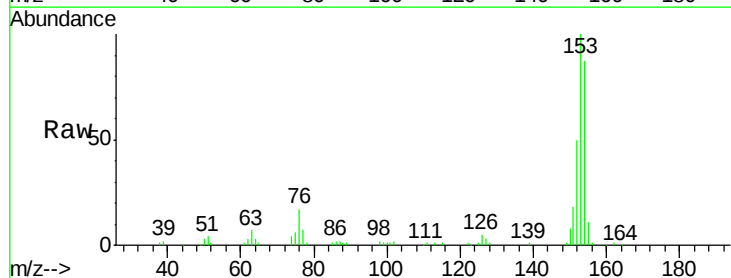
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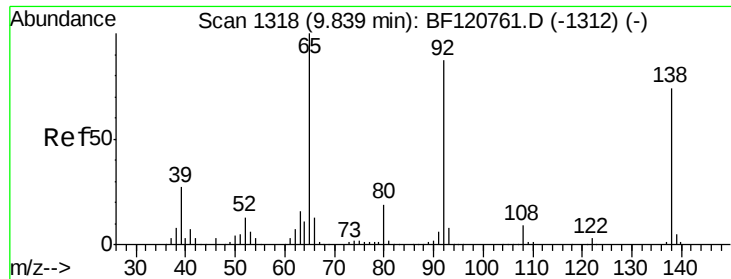
mohammad
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#52
Acenaphthene
Concen: 3.345 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	64177		
153	114.5	88.6	132.8	
152	56.9	43.6	65.4	





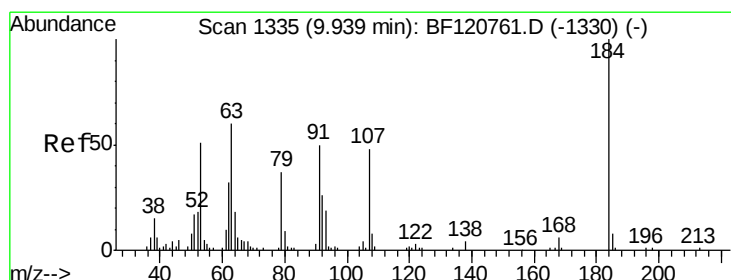
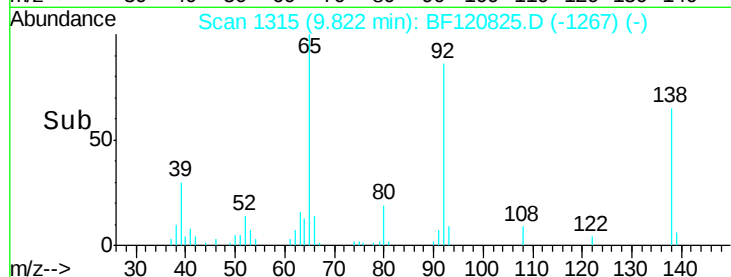
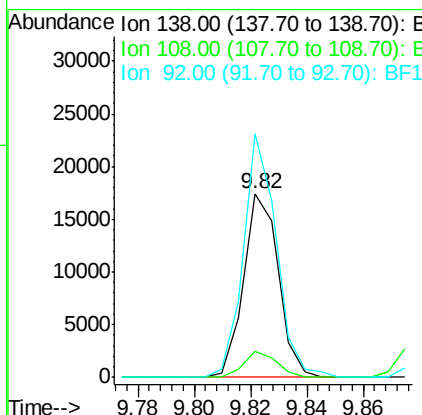
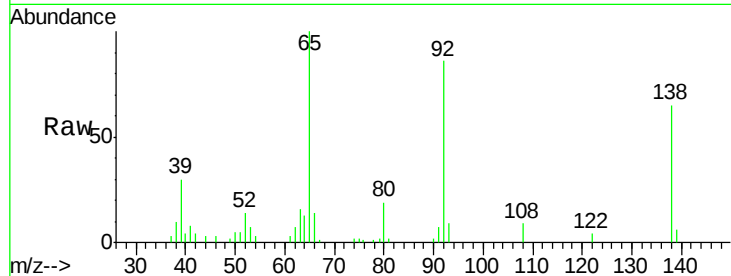
#53
3-Nitroaniline
Concen: 2.995 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
138	100		
108	14.3	9.8	14.6
92	132.6	93.4	140.2

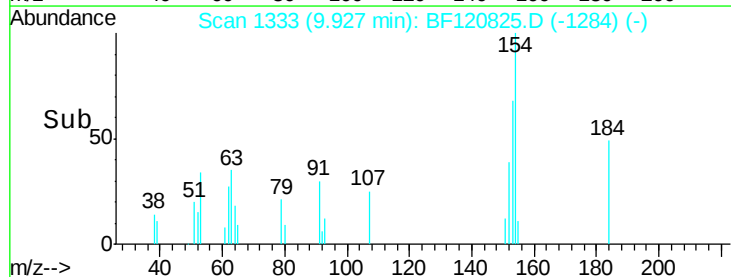
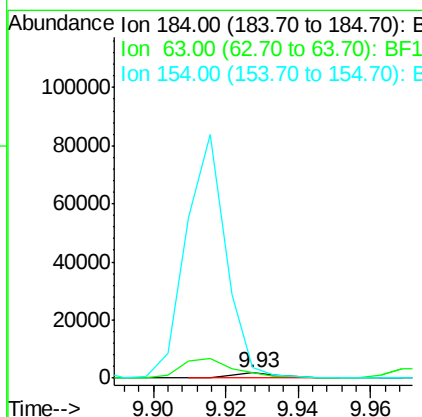
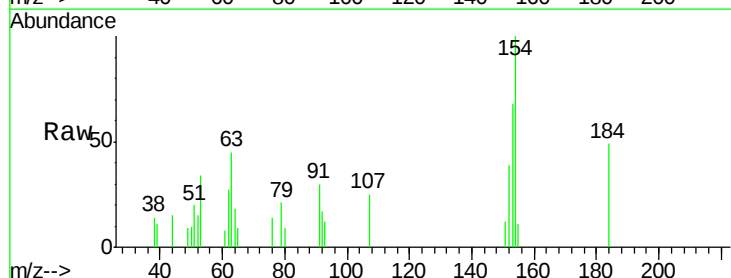
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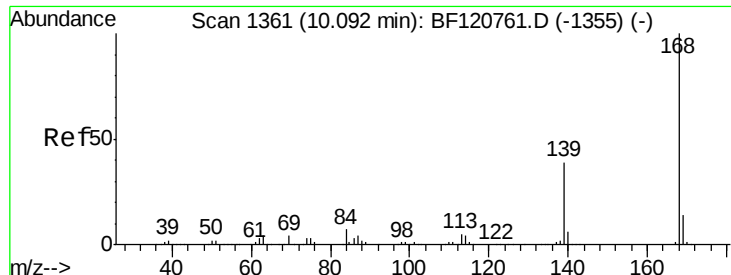
mohammad
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#54
2,4-Dinitrophenol
Concen: 1.226 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
184	100		
63	92.2	57.3	85.9#
154	203.4	55.8	83.6#





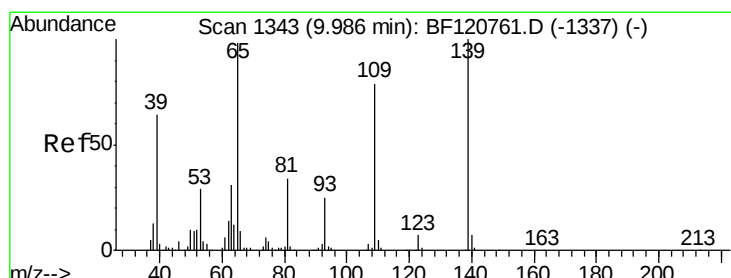
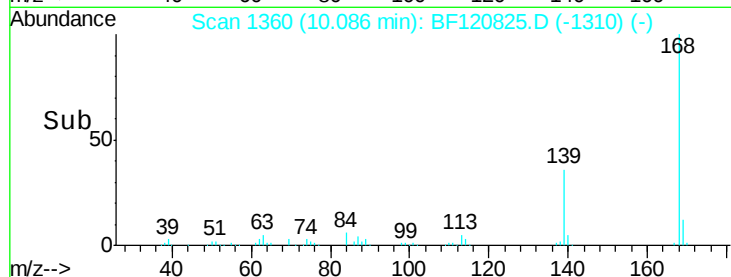
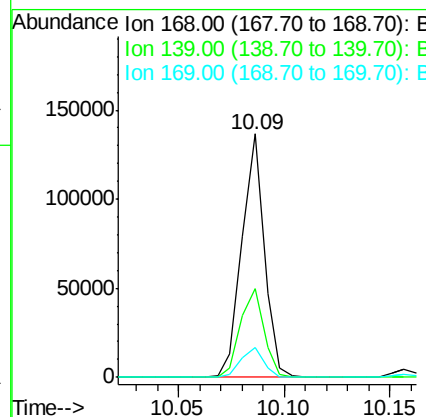
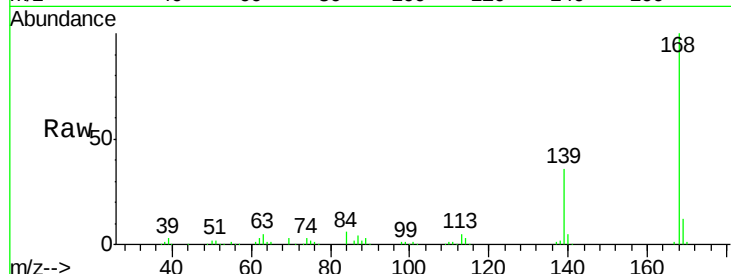
#55
Dibenzenofuran
Concen: 3.607 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.2	31.3	46.9
169	12.1	11.2	16.8

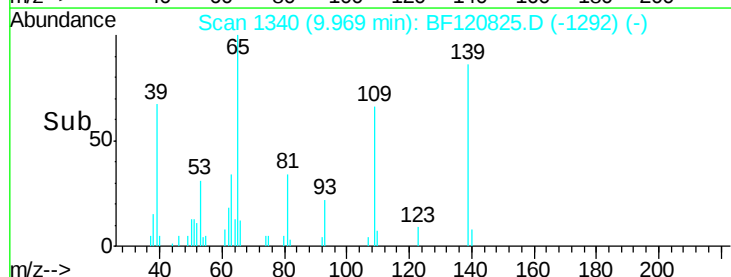
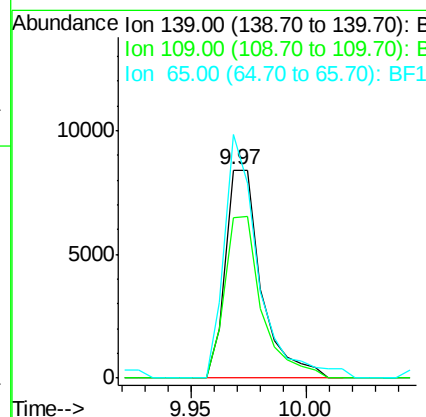
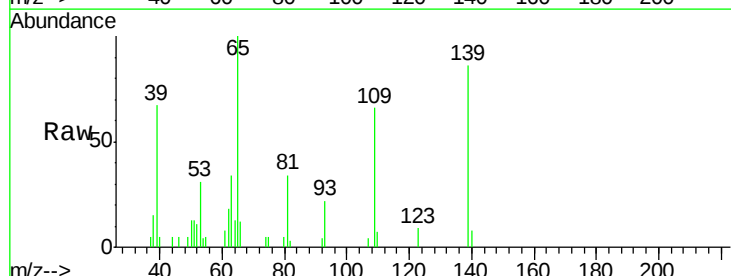
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#56
4-Nitrophenol
Concen: 2.498 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.0	58.6	98.6
65	116.8	78.7	118.7





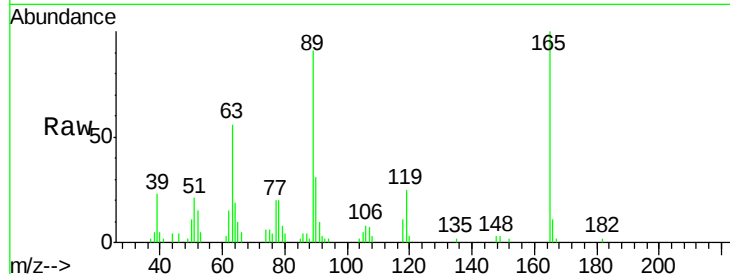
#57
2,4-Dinitrotoluene
Concen: 3.039 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
165	100		
63	55.9	43.8	65.8
89	91.3	71.4	107.2
182	2.0	1.8	2.6

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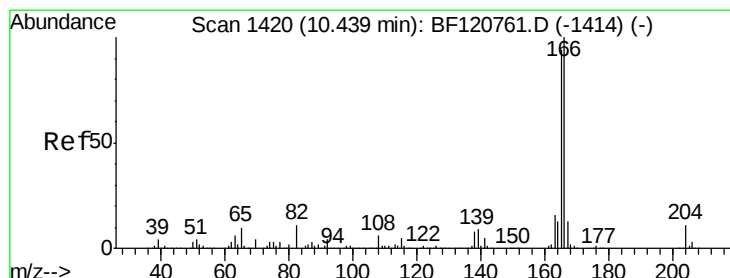
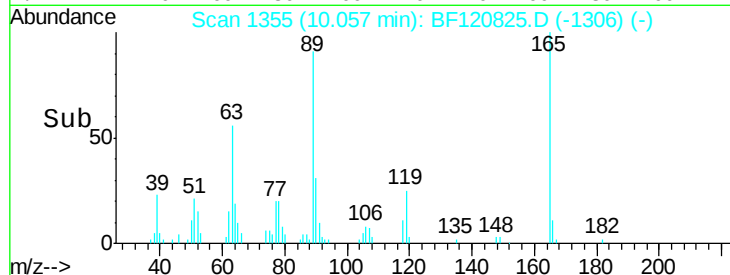
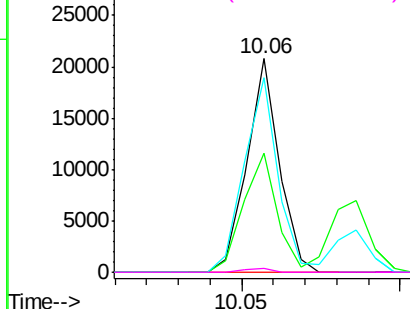


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



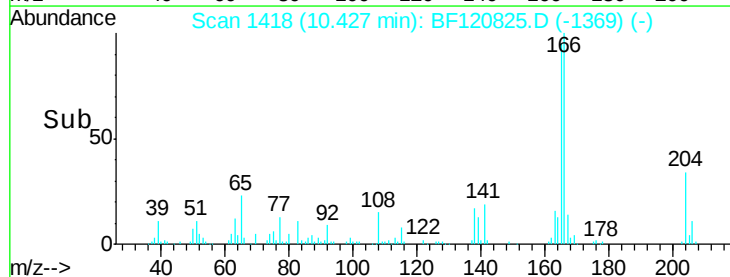
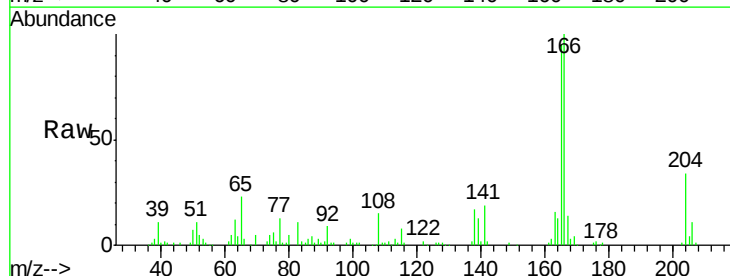
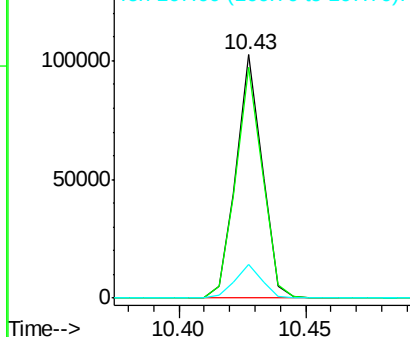
#58
Fluorene
Concen: 3.571 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.5	113.3
167	13.7	10.6	16.0

Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





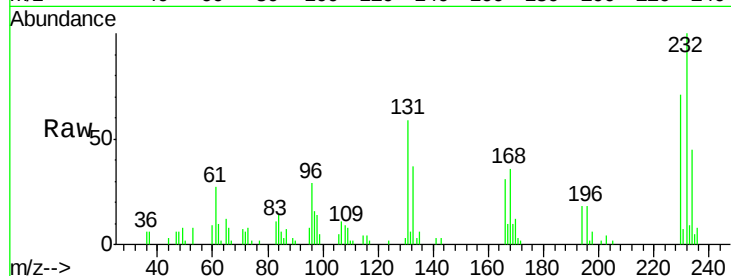
#59
2,3,4,6-Tetrachlorophenol
Concen: 2.986 ng
RT: 10.20 min Scan# 1379
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

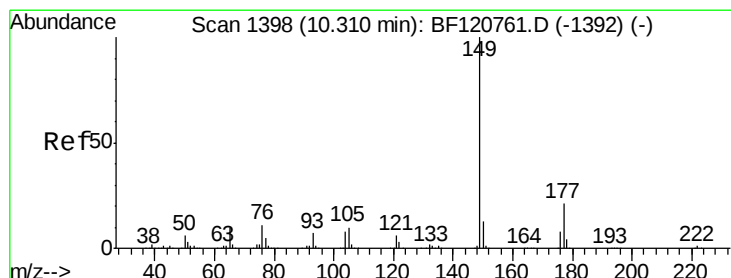
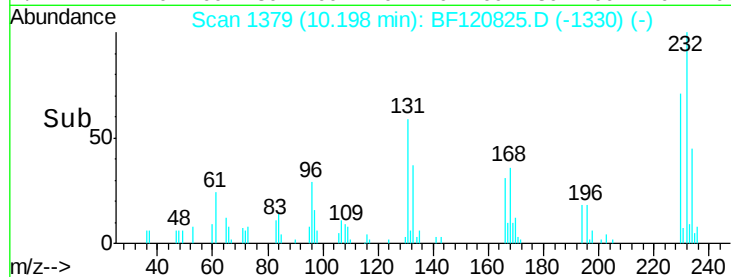
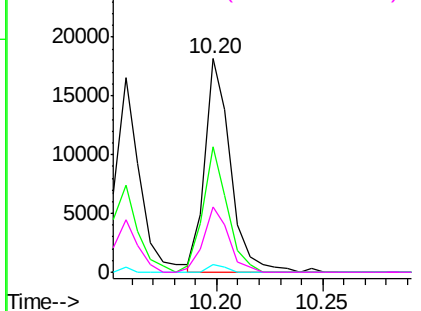
Tot Ion	Ratio	Lower	Upper
232	100		
131	55.7	36.3	54.5#
130	2.4	2.0	3.0
166	30.3	20.9	31.3

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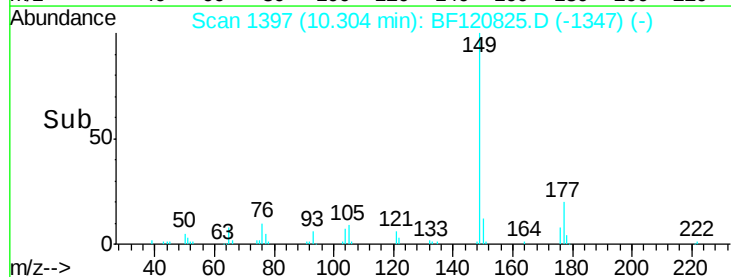
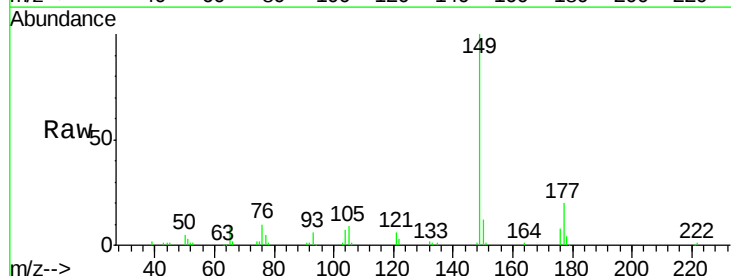
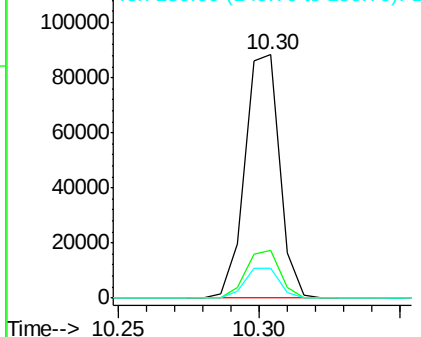
Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

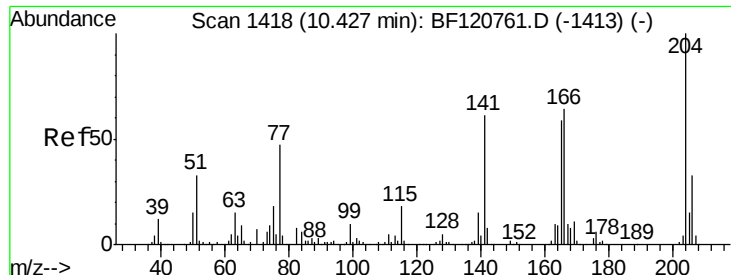


#60
Diethylphthalate
Concen: 3.241 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
177	19.7	16.4	24.6
150	12.4	10.2	15.4

Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





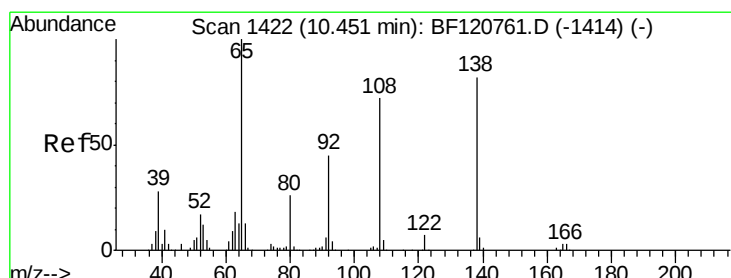
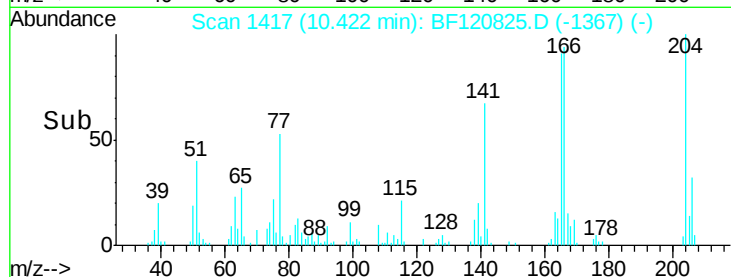
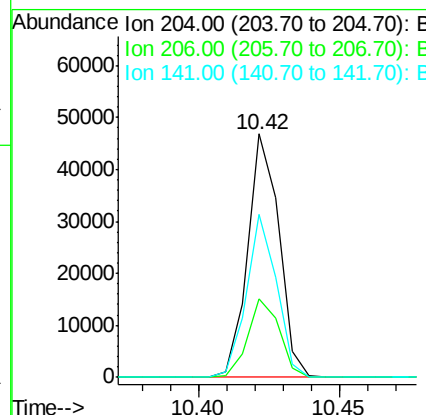
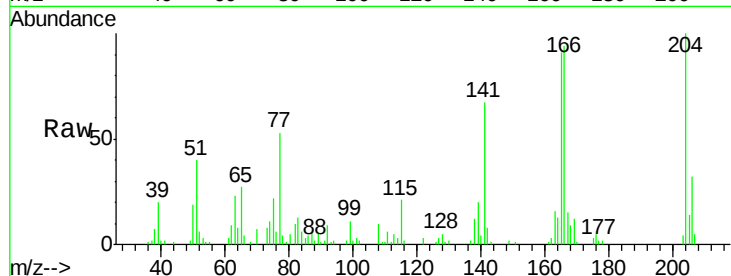
#61
 4-Chlorophenyl-phenylether
 Concen: 3.472 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.7	40.1
141	66.9	48.5	72.7

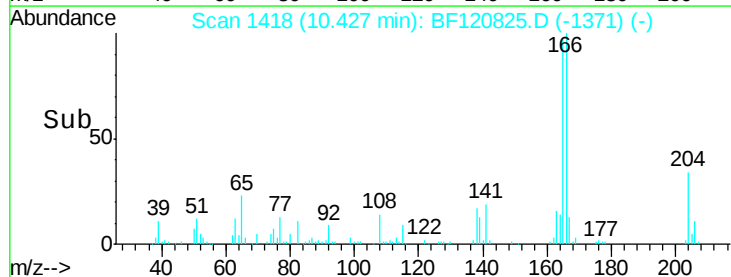
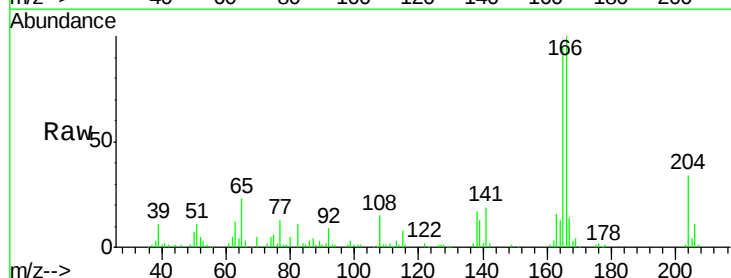
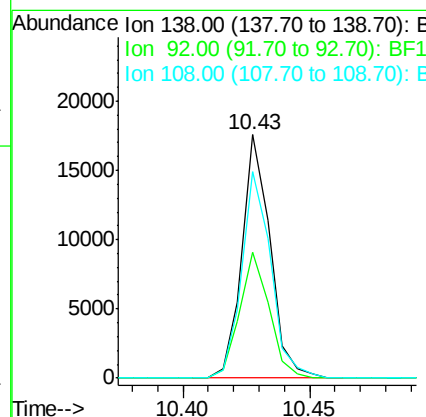
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#62
 4-Nitroaniline
 Concen: 2.875 ng
 RT: 10.43 min Scan# 1418
 Delta R.T. -0.02 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.9	34.3	74.3
108	85.1	68.3	108.3





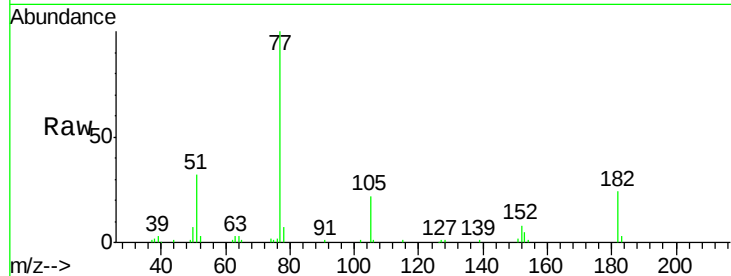
#63
Azobenzene
Concen: 3.379 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

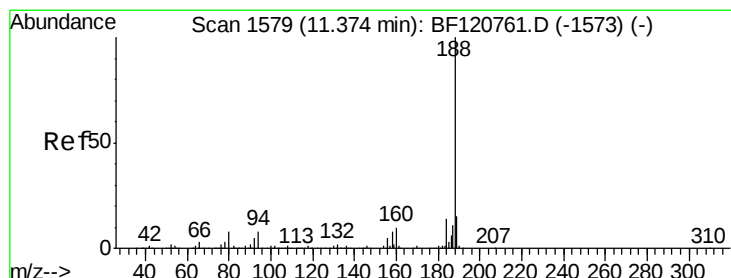
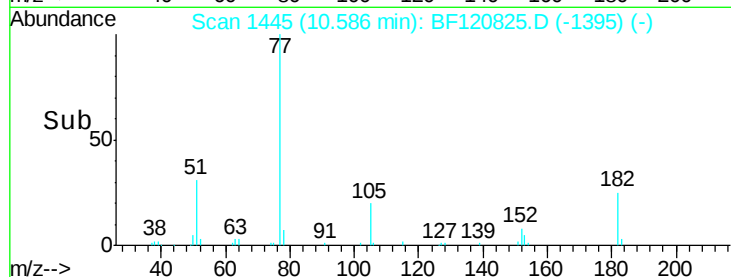
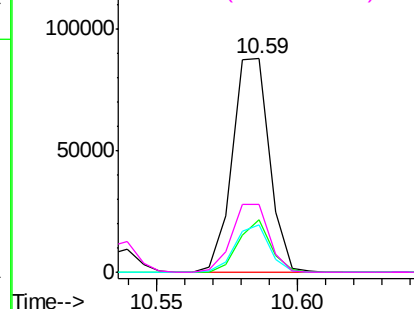
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.4	4.0	44.0	
105	22.0	2.6	42.6	
51	31.6	11.5	51.5	

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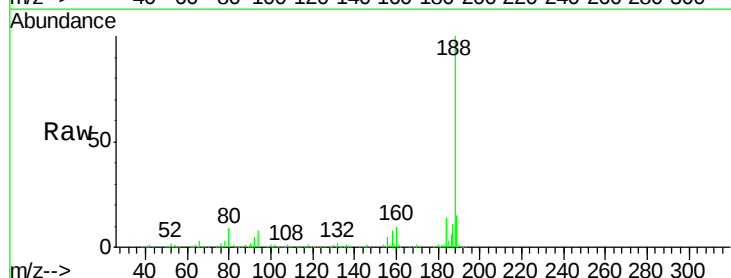


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

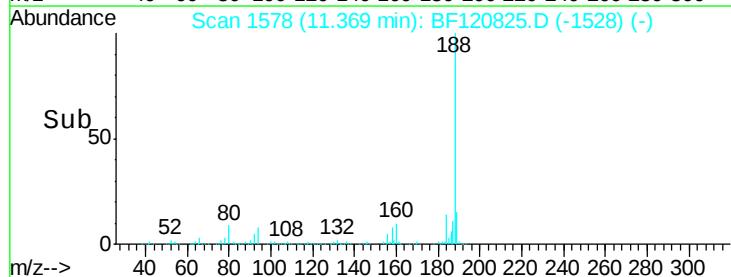
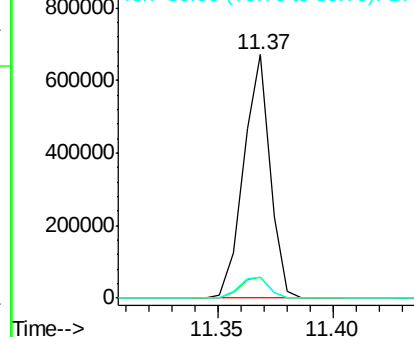


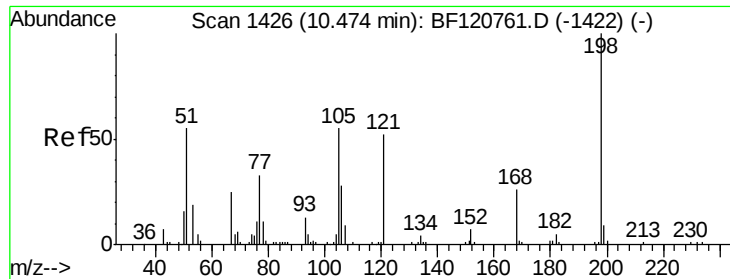
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.5	6.6	9.8	
80	8.6	6.6	10.0	



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





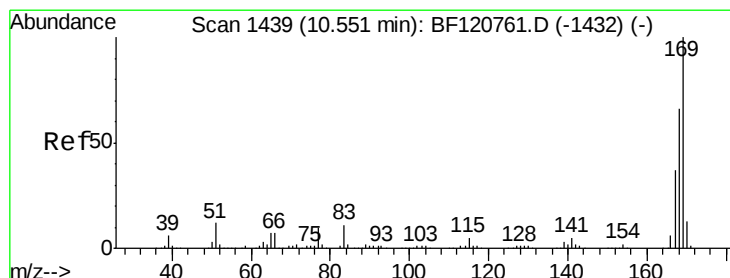
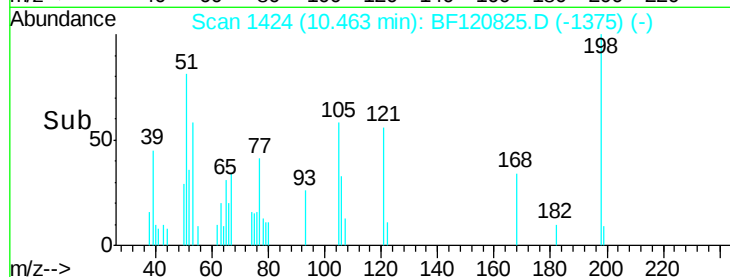
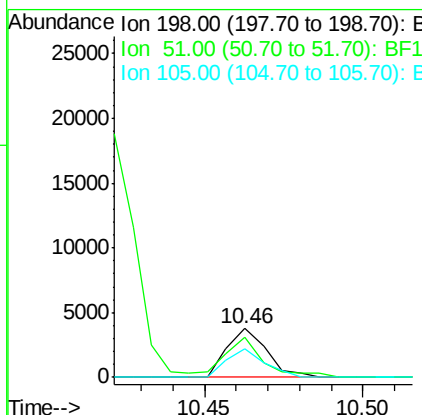
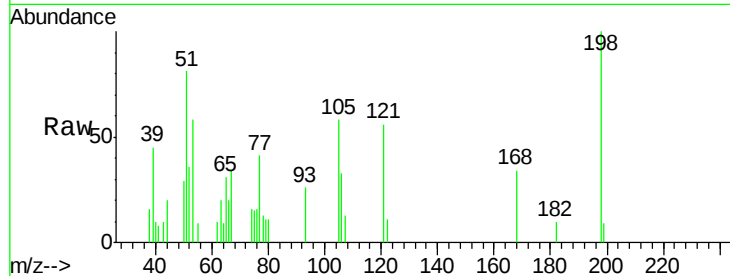
#65
 4,6-Dinitro-2-methylphenol
 Concen: 1.883 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
198	100		
51	81.5	50.0	90.0
105	57.9	38.3	78.3

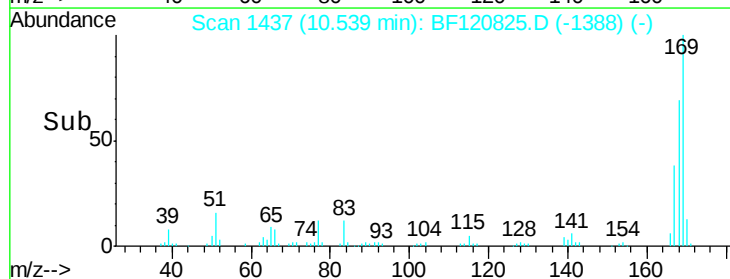
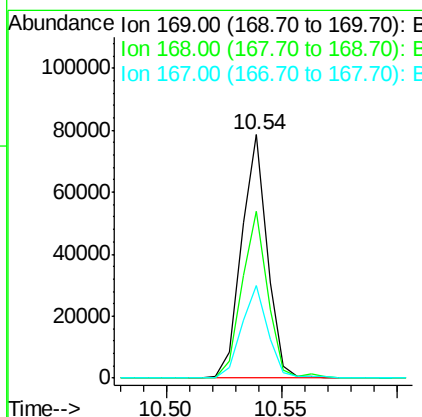
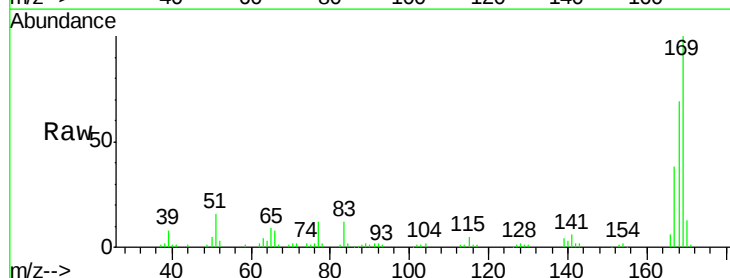
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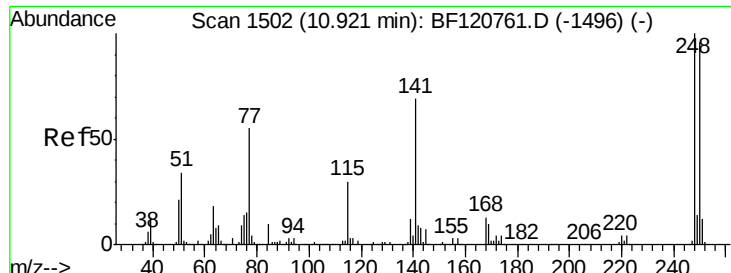
mohammad
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#66
 n-Nitrosodiphenylamine
 Concen: 3.392 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.1	79.7
167	38.0	29.6	44.4





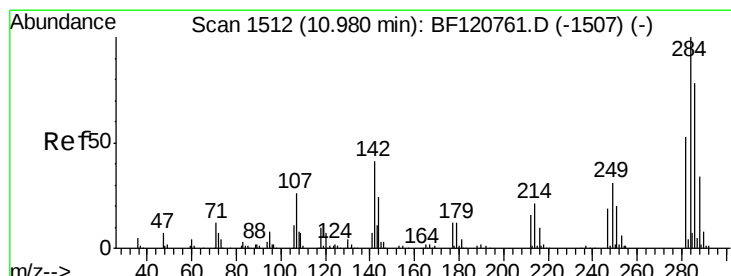
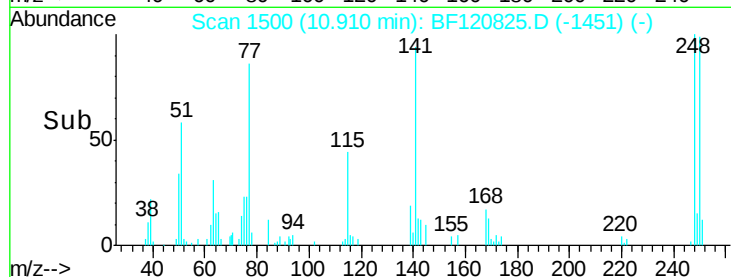
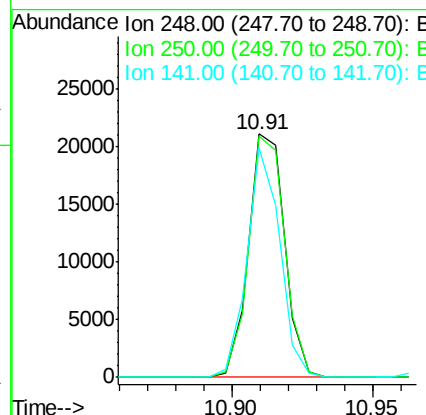
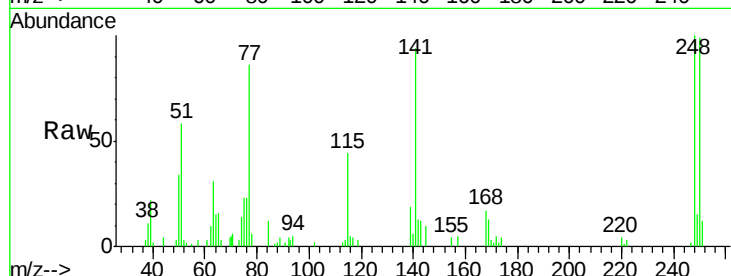
#67
 4-Bromophenyl-phenylether
 Concen: 3.016 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	76.5	114.7
141	94.2	54.9	82.3

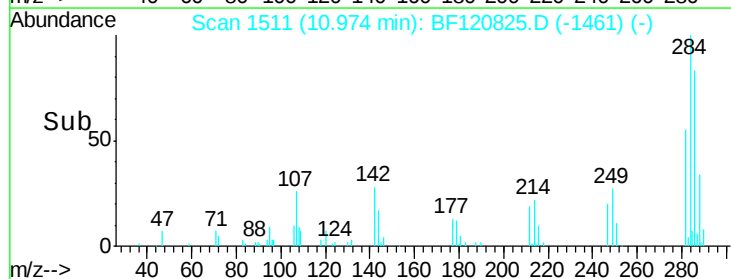
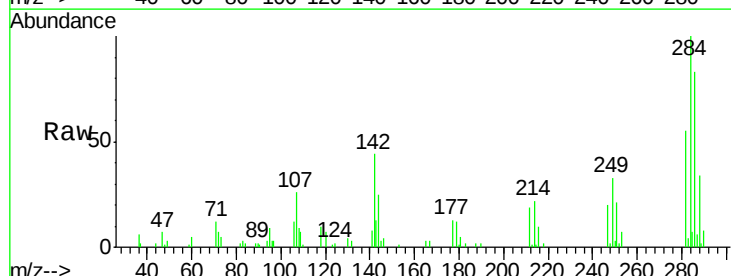
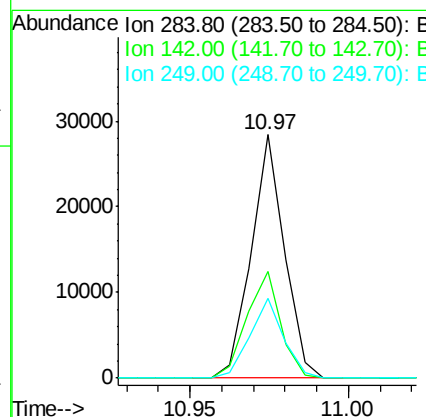
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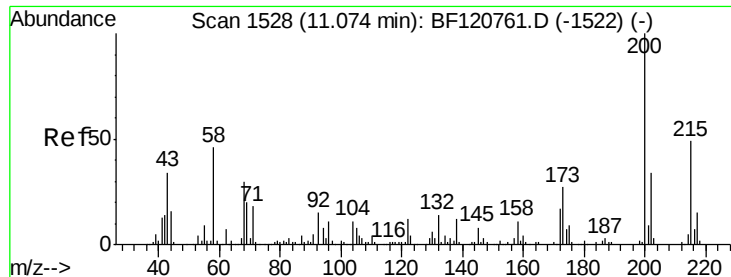
mohammad
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#68
 Hexachlorobenzene
 Concen: 3.151 ng
 RT: 10.97 min Scan# 1511
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	43.7	32.5	48.7
249	32.9	24.8	37.2





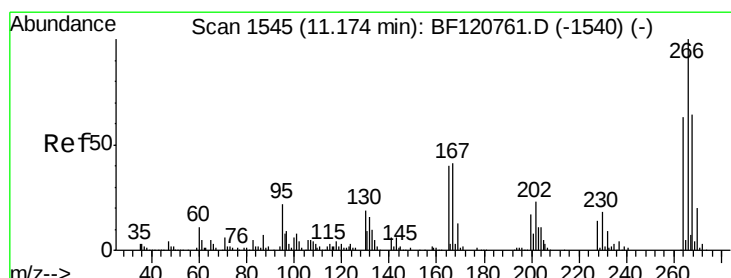
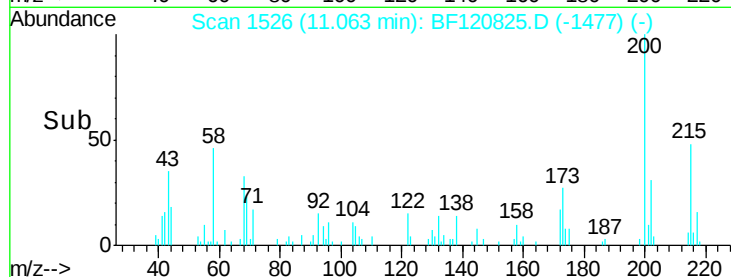
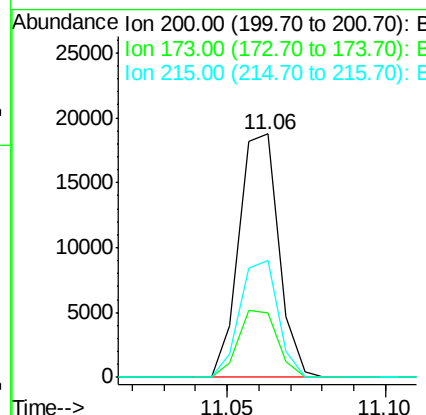
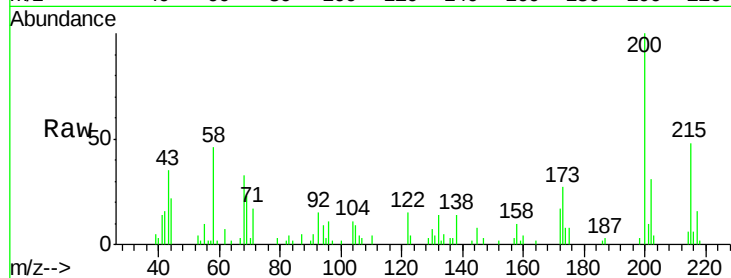
#69
Atrazine
Concen: 3.517 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	7.4	47.4
215	48.0	28.8	68.8

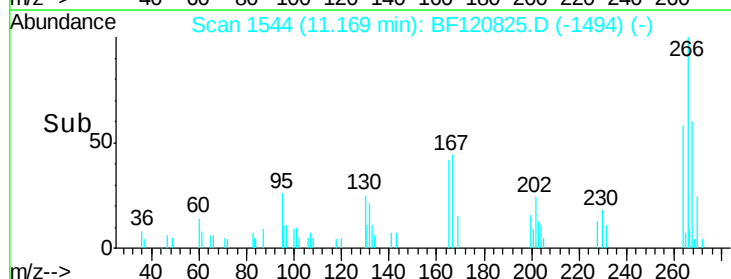
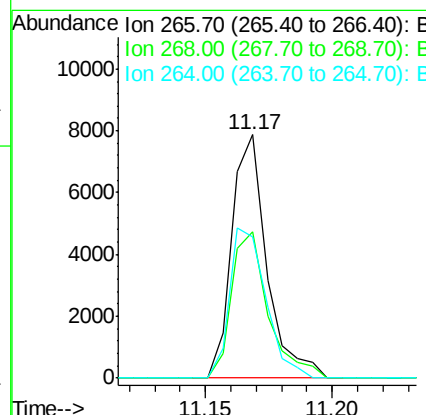
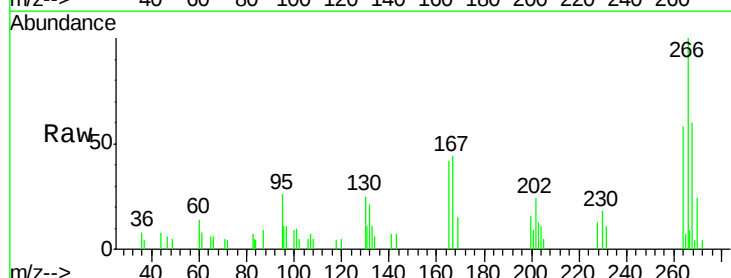
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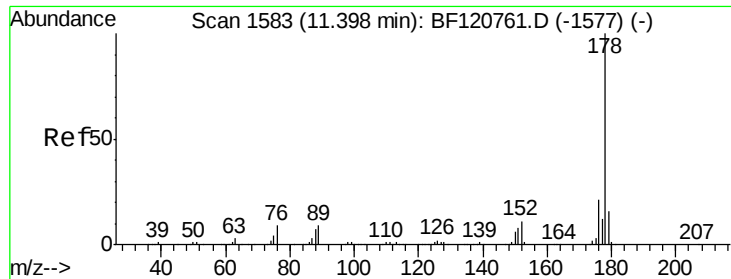
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#70
Pentachlorophenol
Concen: 2.043 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.2	51.4	77.2
264	57.9	50.6	75.8





#71

Phenanthrene

Concen: 3.537 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

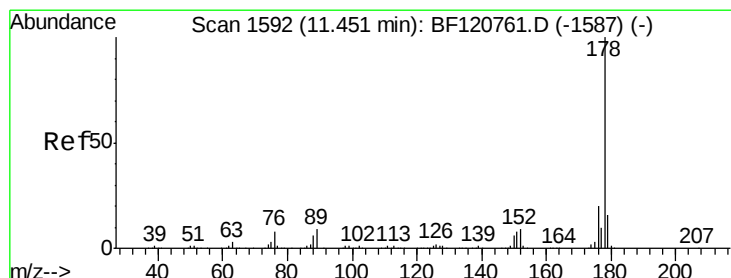
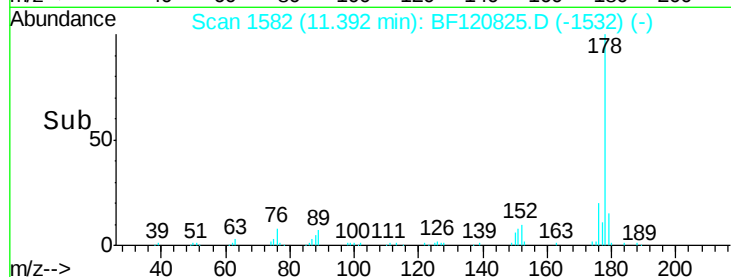
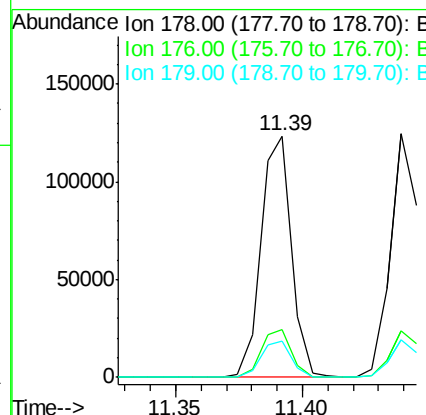
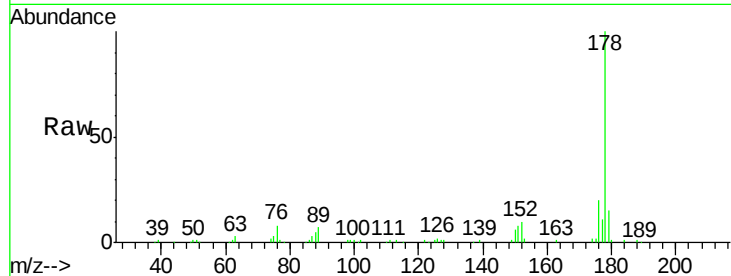
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	178	Resp:	102936
Ion Ratio	Lower	Upper	
178	100		
176	19.7	16.4	24.6
179	15.2	12.9	19.3

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#72

Anthracene

Concen: 3.385 ng

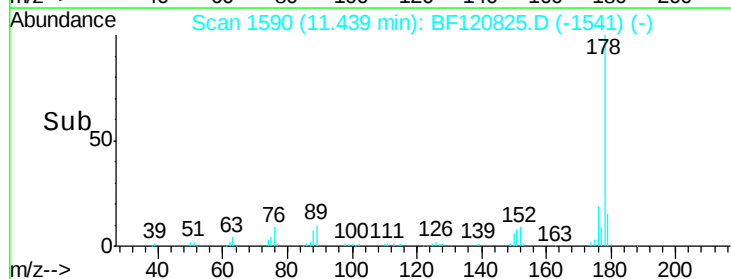
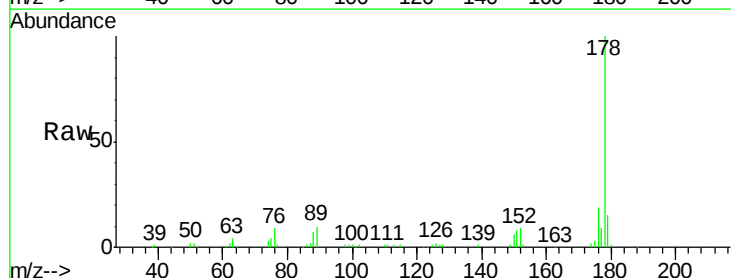
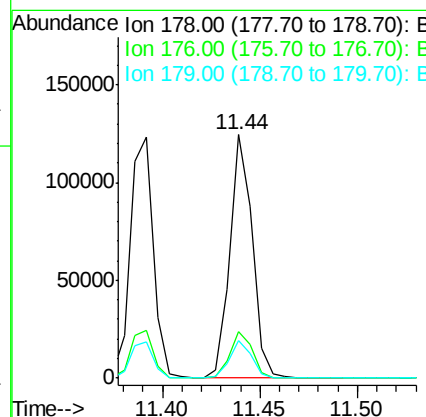
RT: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	178	Resp:	99543
Ion Ratio	Lower	Upper	
178	100		
176	19.3	16.2	24.2
179	15.4	12.7	19.1





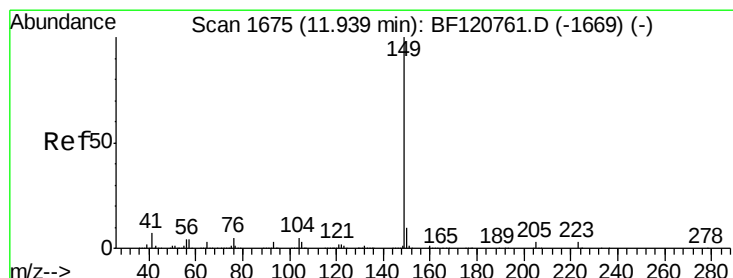
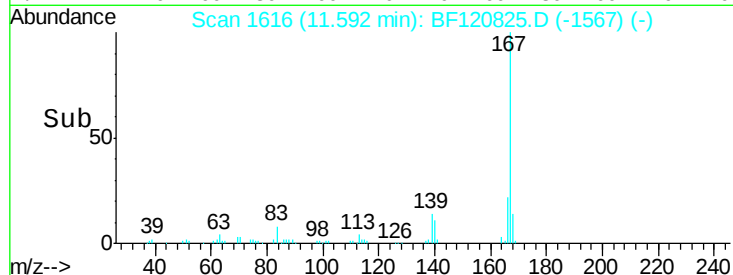
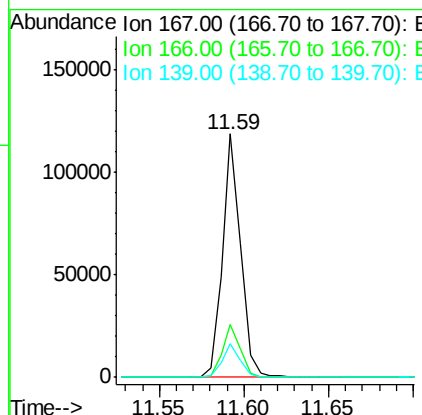
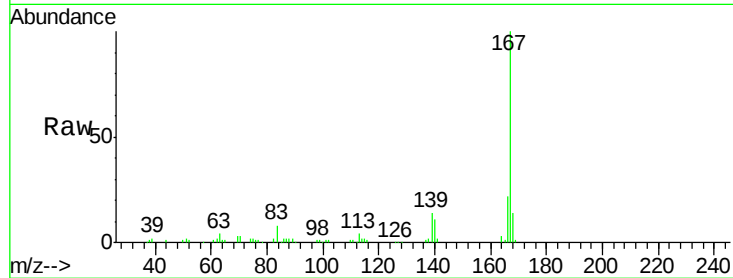
#73
 Carbazole
 Concen: 3.171 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.7		17.8	26.8
139	13.6		10.7	16.1

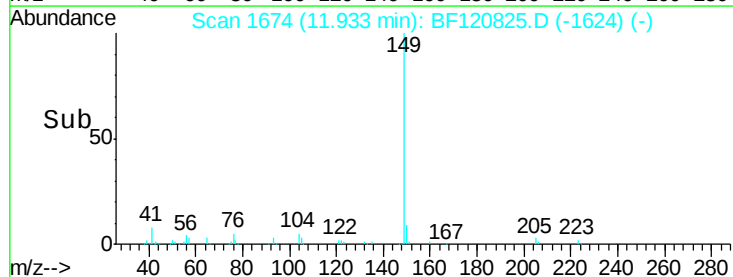
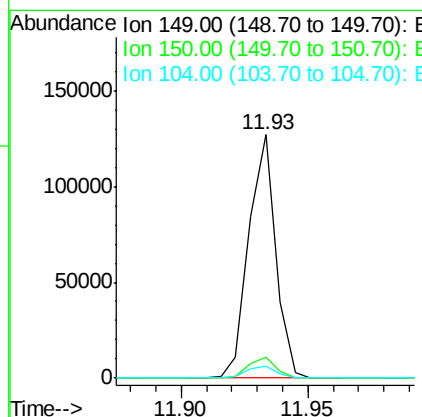
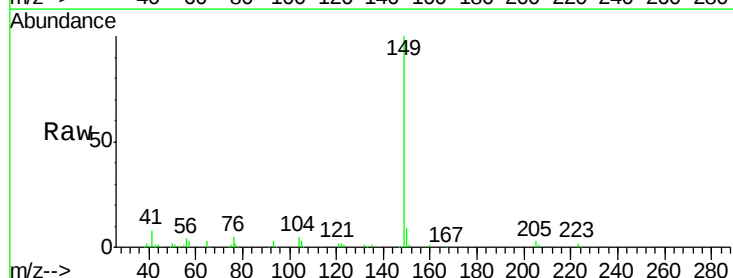
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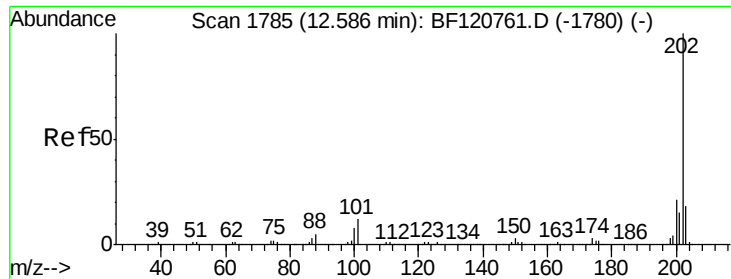
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#74
 Di-n-butylphthalate
 Concen: 2.691 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	8.7		7.7	11.5
104	5.0		4.0	6.0





#75

Fluoranthene

Concen: 3.135 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

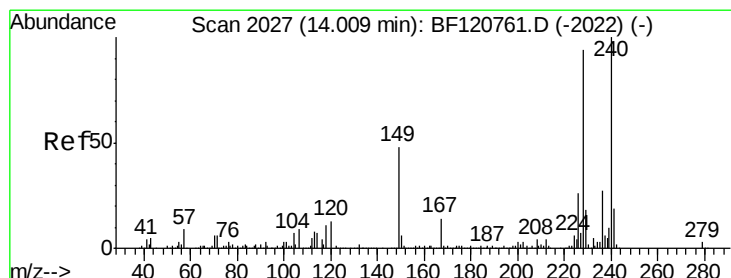
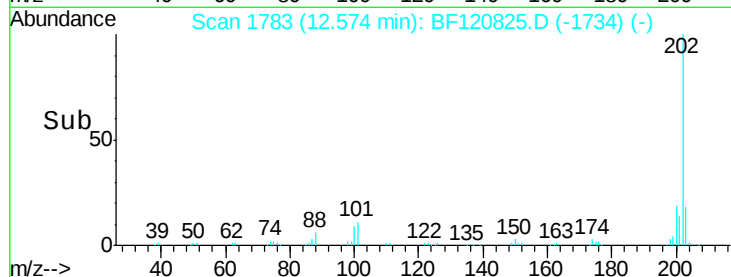
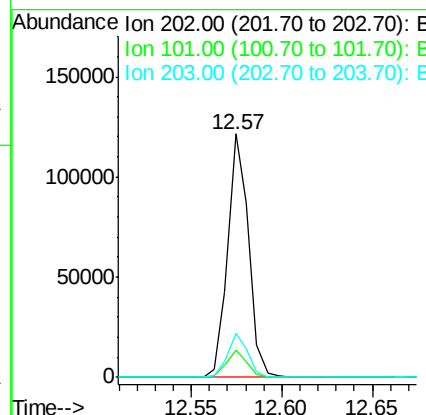
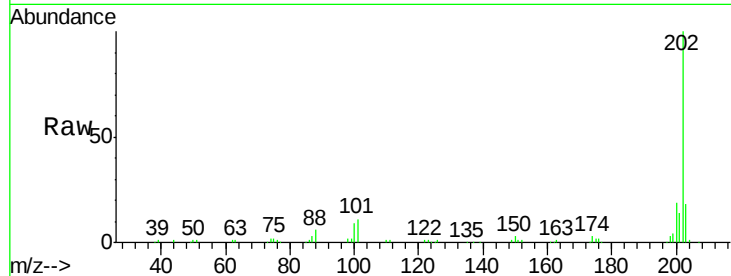
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	31.6
203	18.2	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

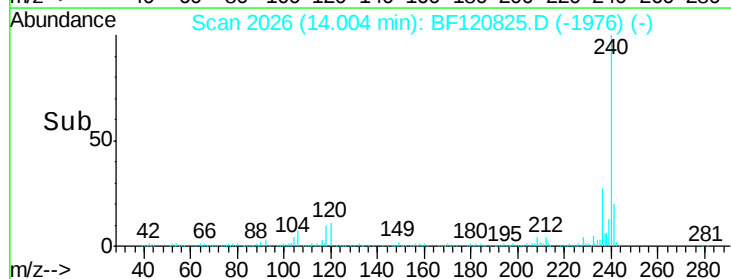
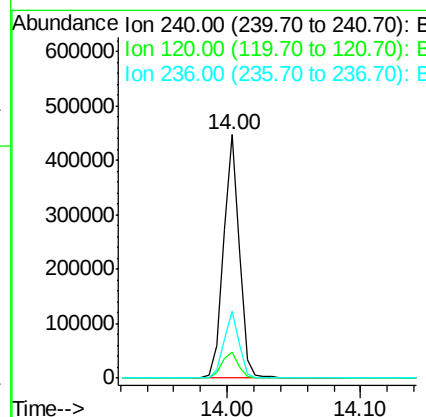
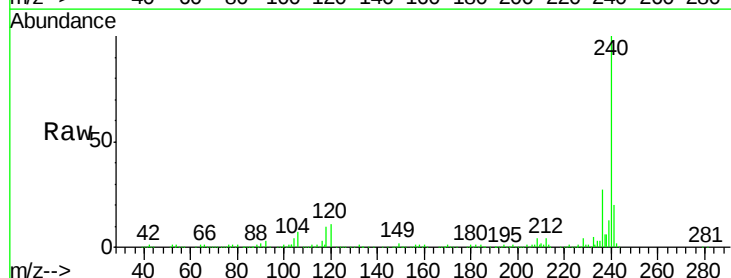
RT: 14.00 min Scan# 2026

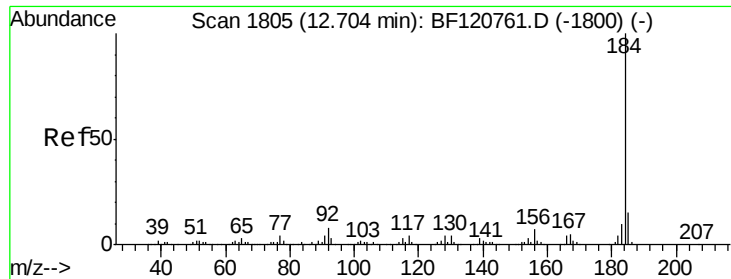
Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	10.3	15.5
236	27.5	21.4	32.2





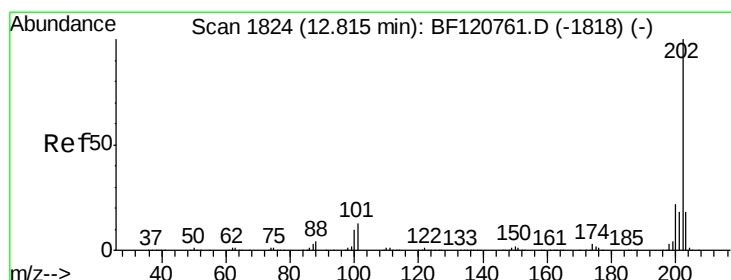
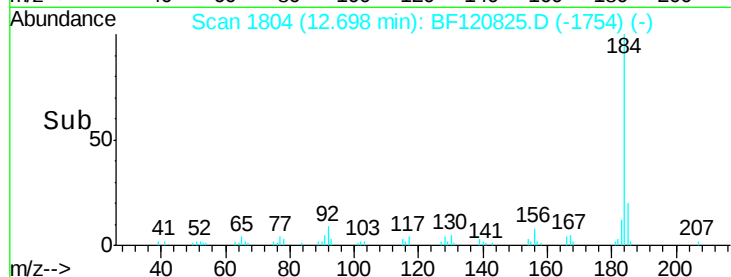
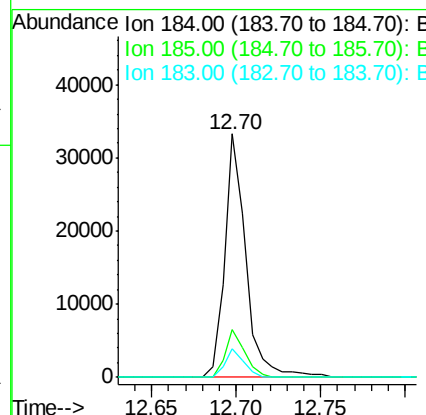
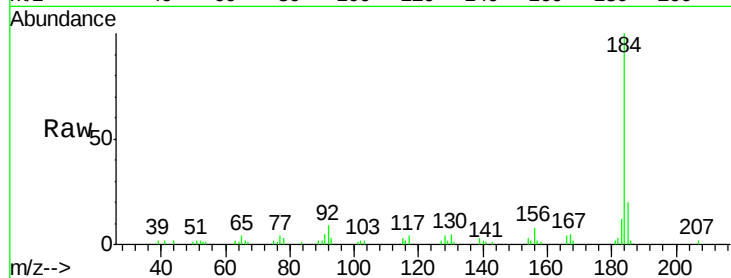
#77
Benzidine
Concen: 2.762 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
184	100		
185	19.6	11.8	17.8
183	11.6	8.3	12.5

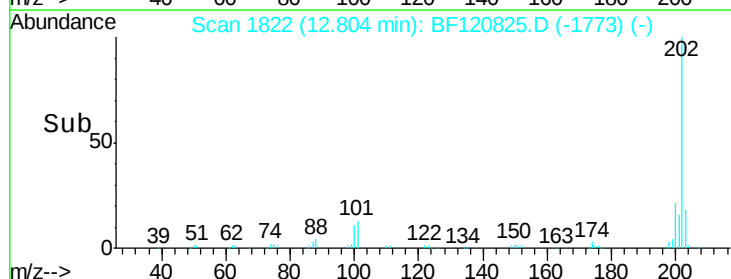
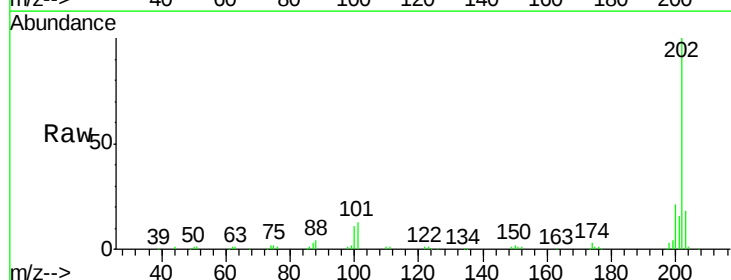
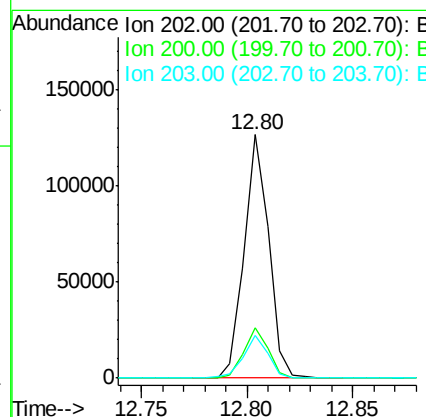
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#78
Pyrene
Concen: 3.393 ng
RT: 12.80 min Scan# 1822
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.3	25.9
203	17.6	14.6	22.0





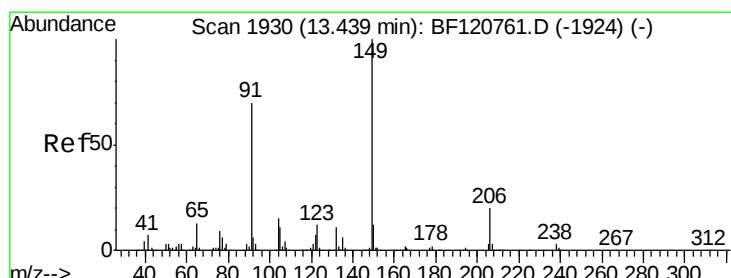
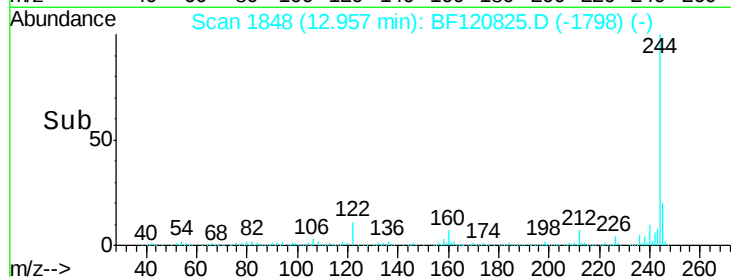
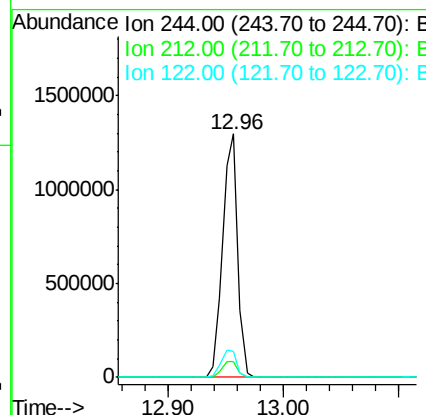
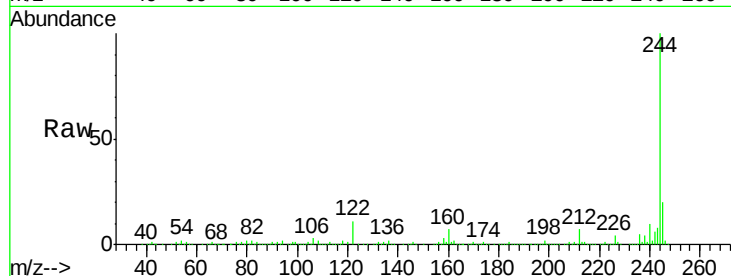
#79
Terphenyl-d14
Concen: 60.890 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion:244 Resp: 1164290
Ion Ratio Lower Upper
244 100
212 6.7 5.6 8.4
122 10.8 9.0 13.4

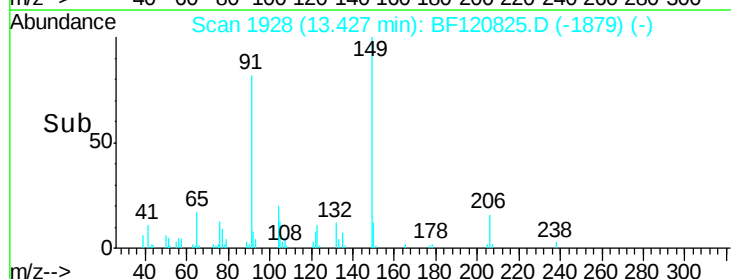
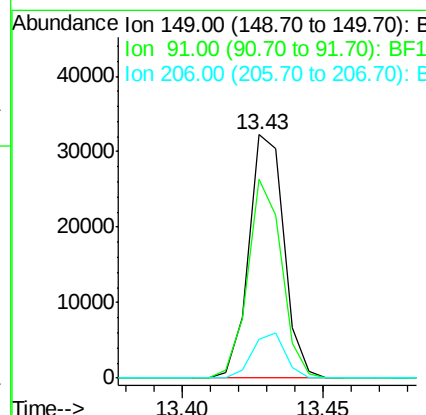
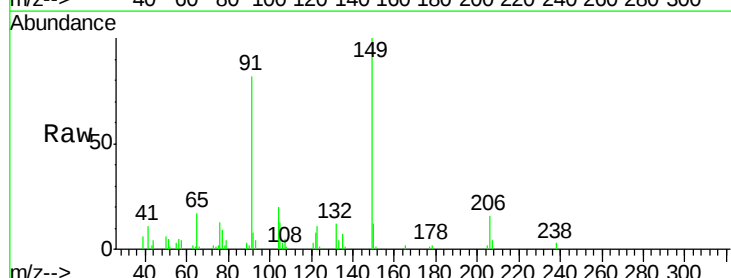
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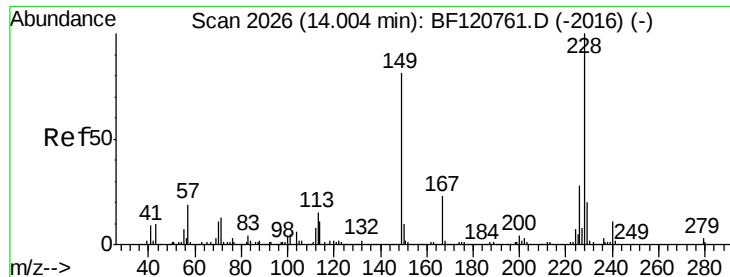
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#80
Butylbenzylphthalate
Concen: 2.163 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion:149 Resp: 27917
Ion Ratio Lower Upper
149 100
91 81.9 55.8 83.8
206 15.9 15.7 23.5





#81

Benzo(a)anthracene

Concen: 3.432 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

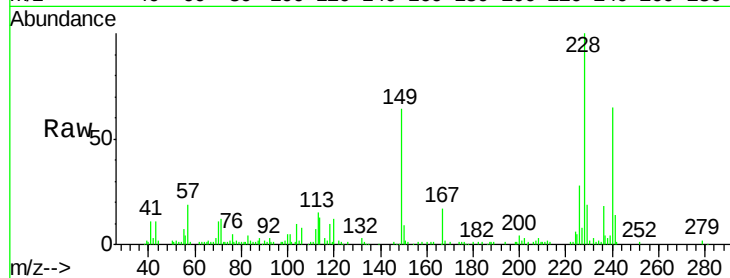
ClientSampleId :

MDL-WATER-03-QT3-2020

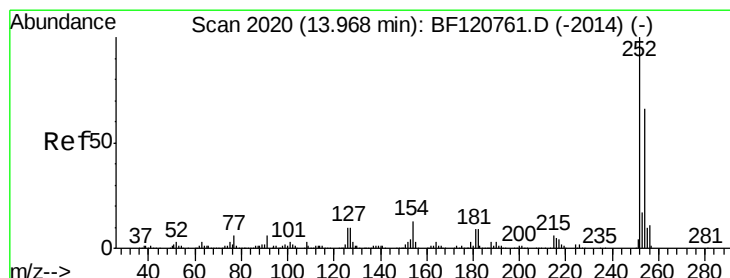
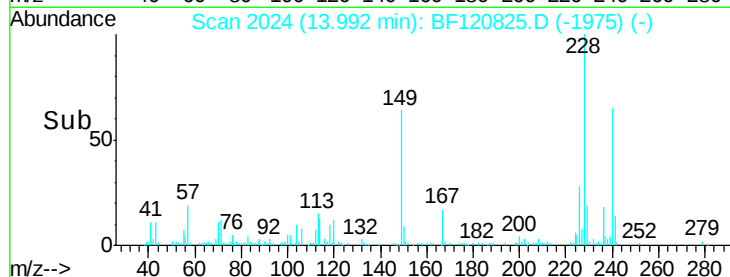
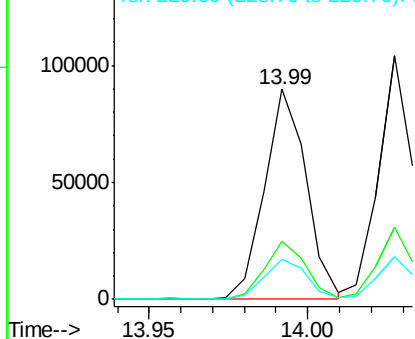
Tot Ion:	228	Resp:	82351
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.6	33.8
229	18.9	15.8	23.6

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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: 2.695 ng

RT: 13.96 min Scan# 2018

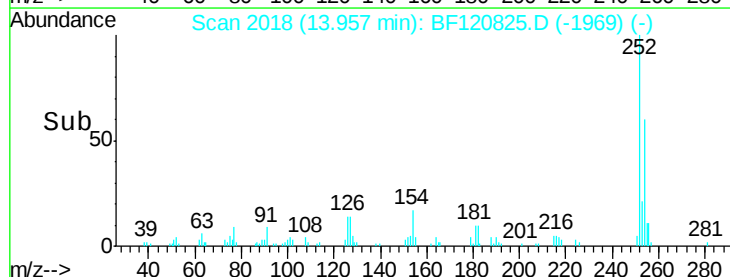
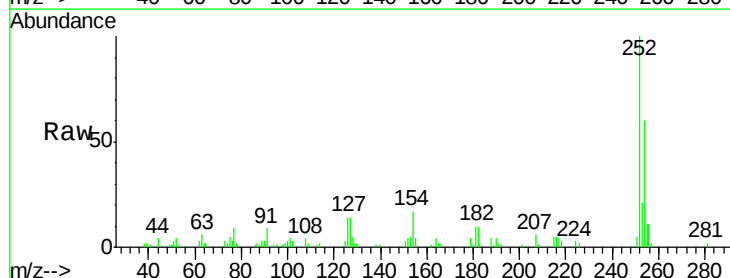
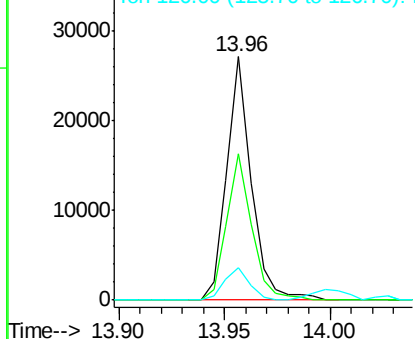
Delta R.T. -0.01 min

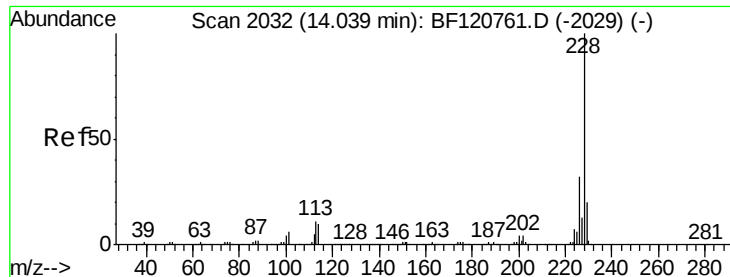
Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	252	Resp:	21824
Ion Ratio	Lower	Upper	
252	100		
254	60.3	52.6	78.8
126	13.5	7.8	11.8#

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





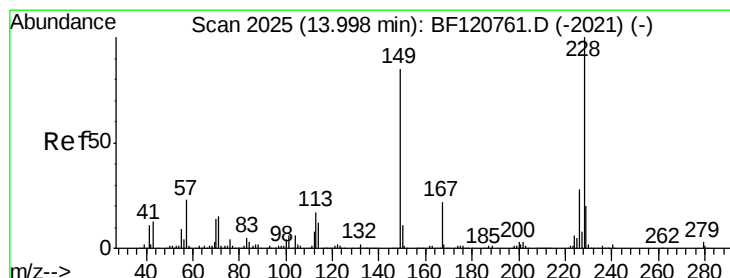
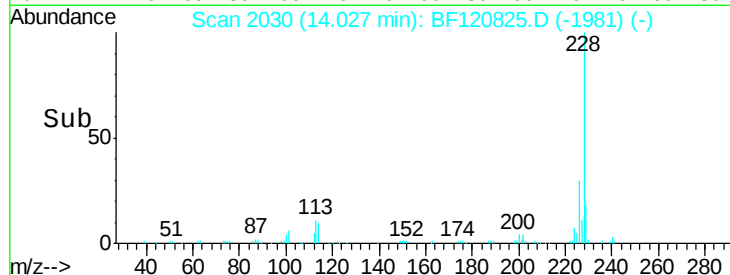
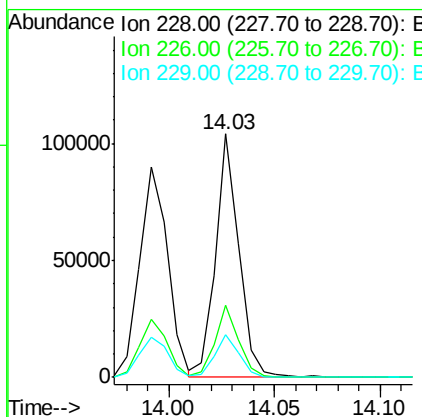
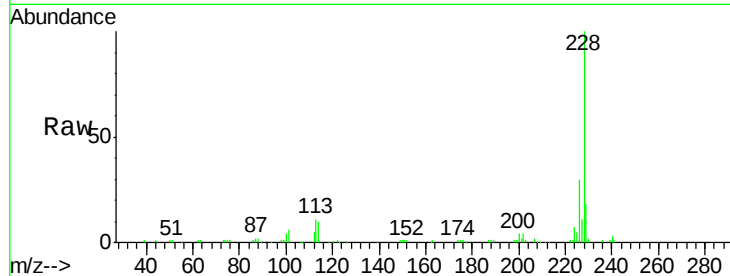
#83
Chrysene
Concen: 3.289 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.6	25.7	38.5
229	17.6	16.3	24.5

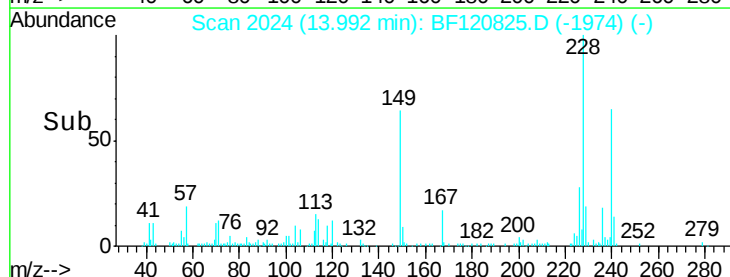
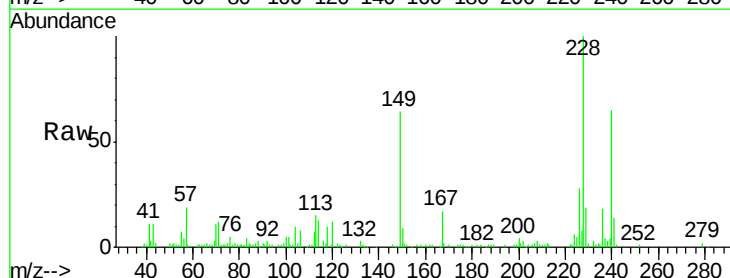
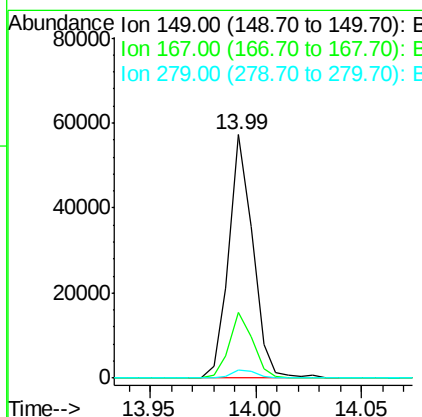
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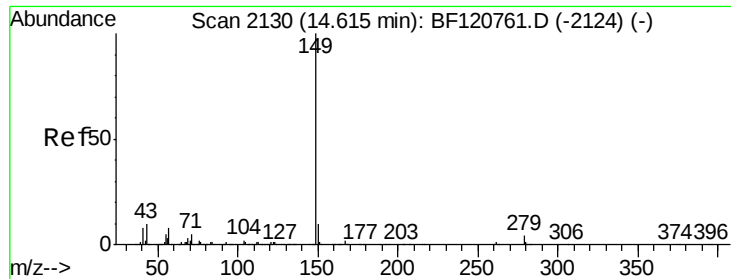
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#84
Bis(2-ethylhexyl)phthalate
Concen: 2.661 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.9	31.3
279	3.1	2.6	4.0





#85

Di-n-octyl phthalate

Concen: 1.841 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Instrument :

BNA_F

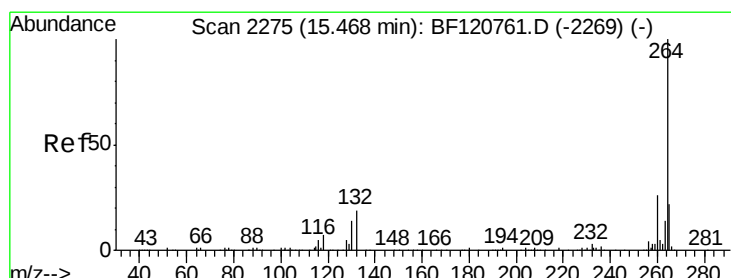
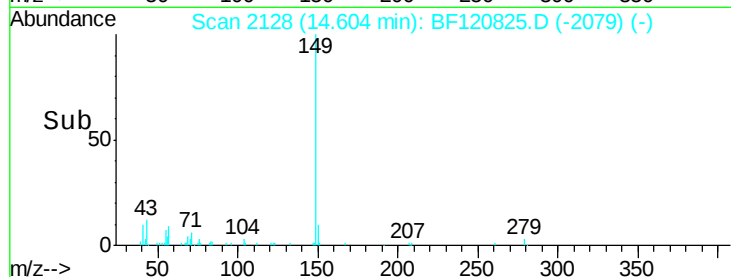
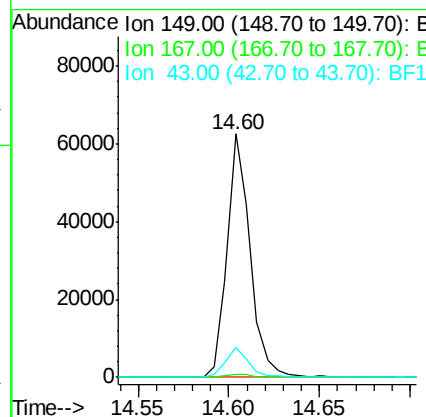
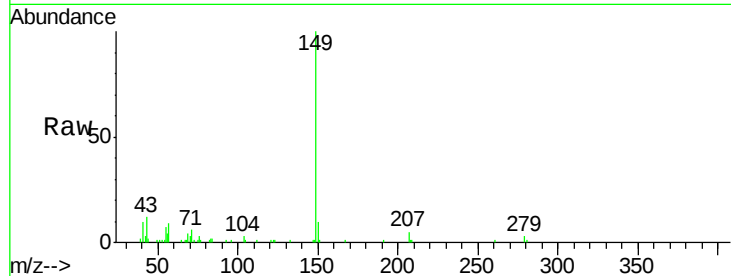
ClientSampleId :

MDL-WATER-03-QT3-2020

Tot Ion:	149	Resp:	55121
Ion Ratio	Lower	Upper	
149	100		
167	1.2	1.2	1.8
43	12.3	8.7	13.1

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#86

Perylene-d12

Concen: 20.000 ng

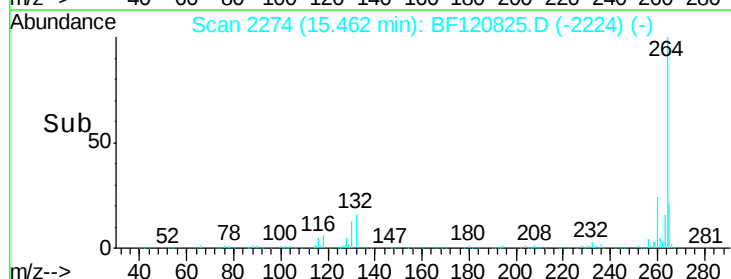
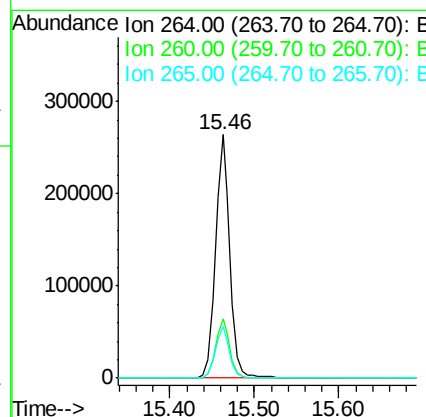
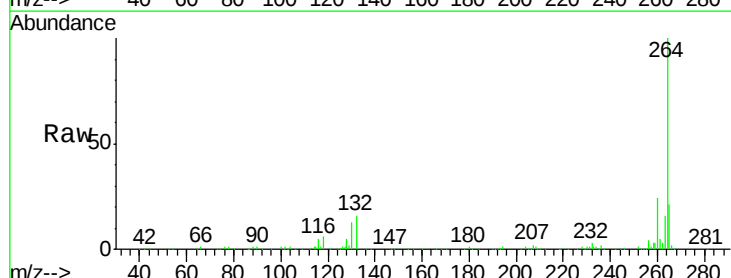
RT: 15.46 min Scan# 2274

Delta R.T. -0.01 min

Lab File: BF120825.D

Acq: 10 Jul 2020 11:39

Tgt Ion:	264	Resp:	316400
Ion Ratio	Lower	Upper	
264	100		
260	24.5	20.6	30.8
265	21.4	17.6	26.4





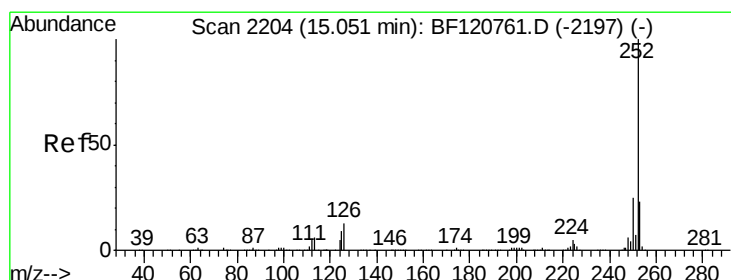
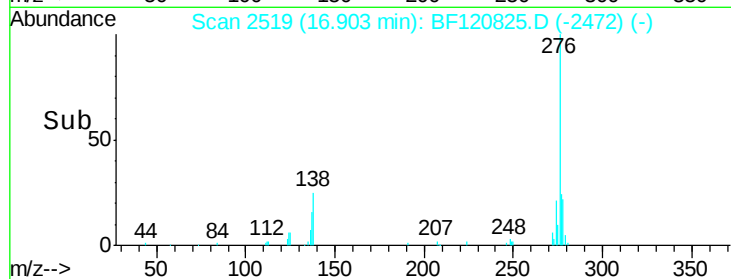
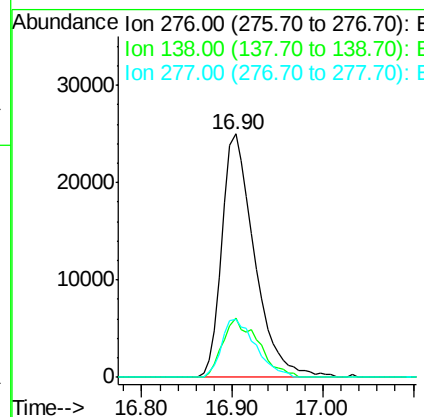
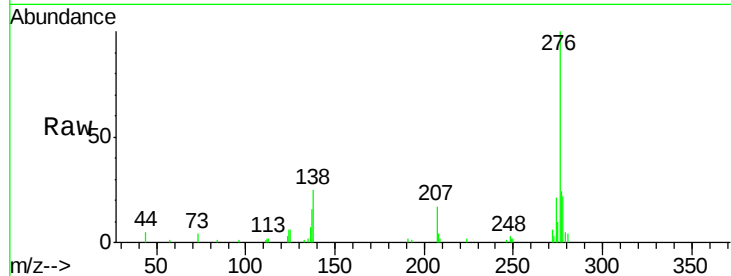
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.083 ng
 RT: 16.90 min Scan# 2519
 Delta R.T. -0.02 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2020

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.6	19.8	29.8
277	24.9	19.9	29.9

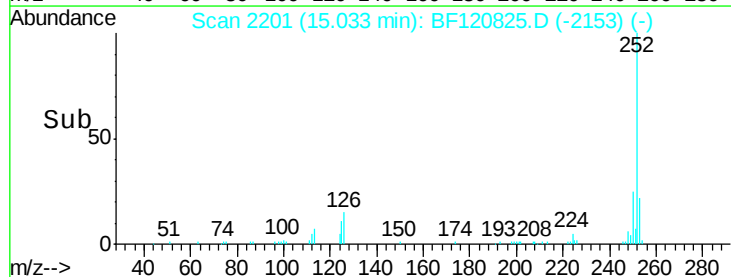
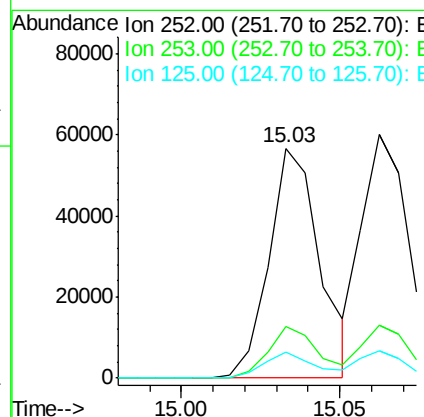
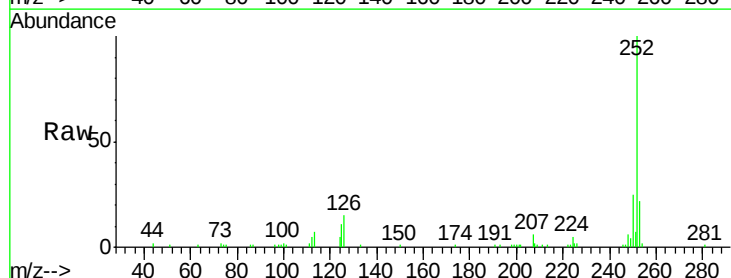
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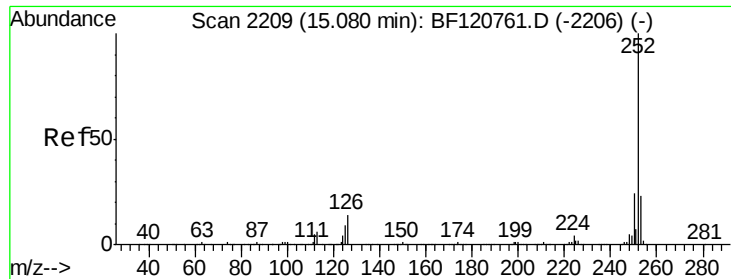
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#88
 Benzo(b)fluoranthene
 Concen: 3.038 ng
 RT: 15.03 min Scan# 2201
 Delta R.T. -0.02 min
 Lab File: BF120825.D
 Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.0	27.0
125	11.1	7.5	11.3





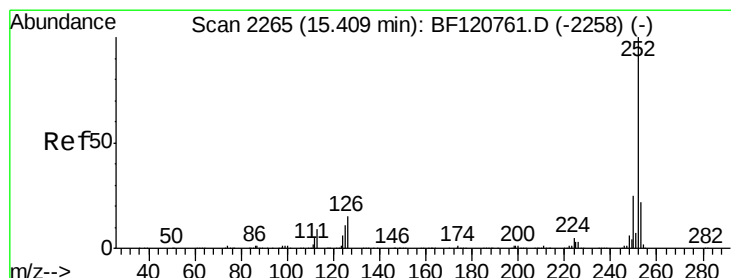
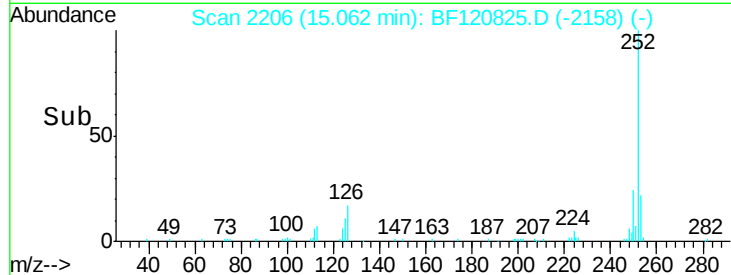
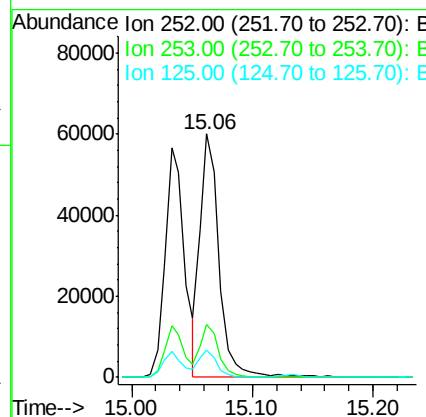
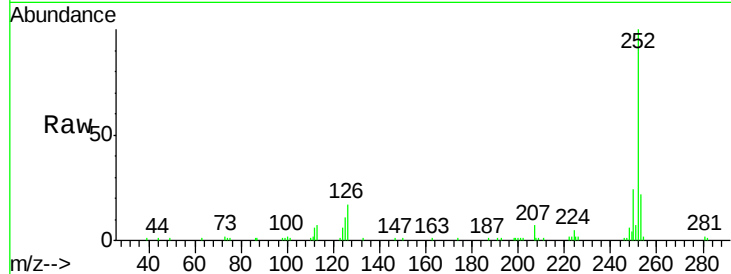
#89
Benzo(k)fluoranthene
Concen: 3.263 ng
RT: 15.06 min Scan# 2206
Delta R.T. -0.02 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

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

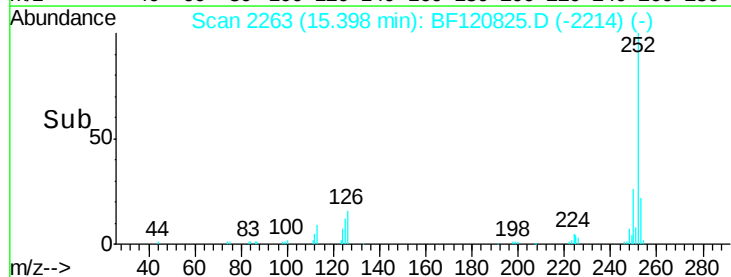
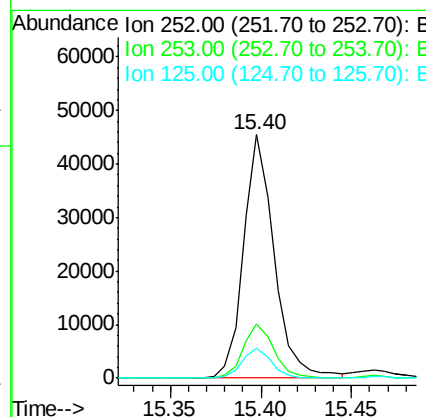
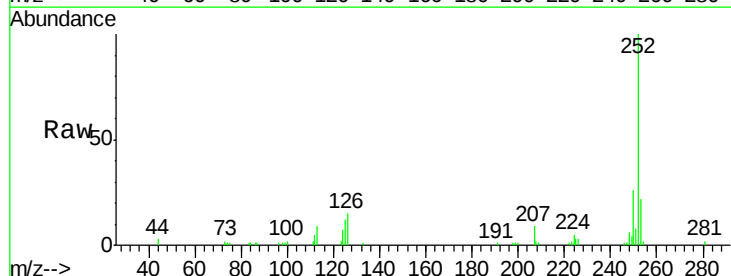
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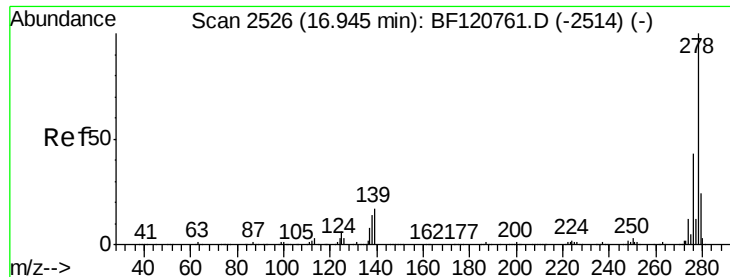
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#90
Benzo(a)pyrene
Concen: 2.881 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.01 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.4	26.0
125	12.2	9.2	13.8





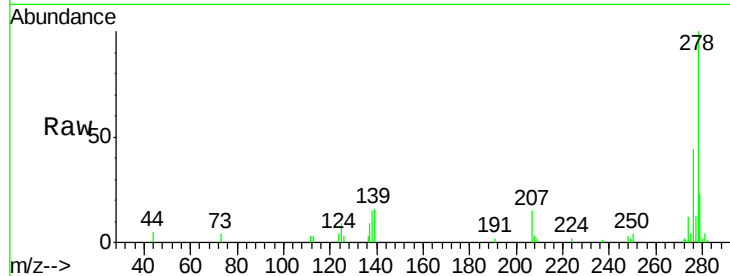
#91
Dibenzo(a,h)anthracene
Concen: 3.075 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2020

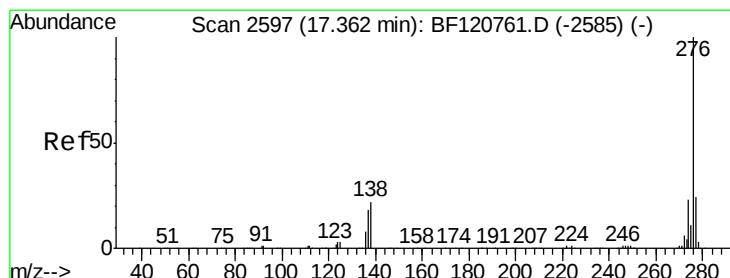
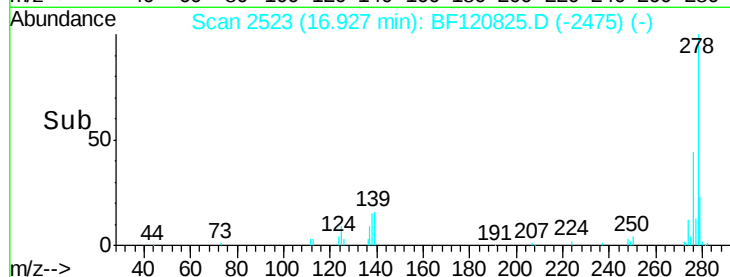
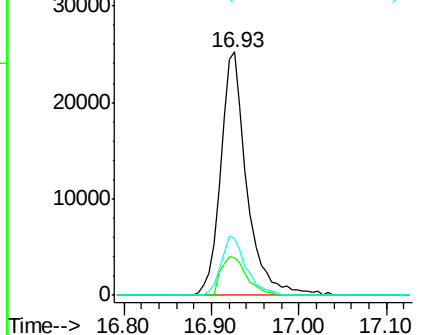
Tot Ion	Ratio	Lower	Upper
278	100		
139	15.7	13.3	19.9
279	23.5	19.0	28.6

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mohammad
7/13/2020 1:04:29 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 3.429 ng
RT: 17.33 min Scan# 2592
Delta R.T. -0.03 min
Lab File: BF120825.D
Acq: 10 Jul 2020 11:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	18.8	28.2
138	22.6	17.4	26.2

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

