

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF102318\
 Data File : BF110098.D
 Acq On : 24 Oct 2018 00:44
 Operator : JU/SJ
 Sample : J5164-09
 Misc : MDL 2PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Manual Integrations
 APPROVED

Sohil
 10/24/2018 5:12:16 PM

Quant Time: Oct 24 07:40:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 23 15:06:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	155857	20.00	ng	-0.02
21) Naphthalene-d8	8.25	136	659640	20.00	ng	-0.02
39) Acenaphthene-d10	10.00	164	317944	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	623391	20.00	ng	-0.02
76) Chrysene-d12	14.14	240	523704	20.00	ng	-0.02
87) Perylene-d12	15.66	264	452875	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.58	112	1269776	132.67	ng	-0.02
7) Phenol-d6	6.59	99	1580509	129.11	ng	-0.02
23) Nitrobenzene-d5	7.53	82	917333	82.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	423872	134.59	ng	-0.02
45) 2-Fluorobiphenyl	9.32	172	1720504	84.97	ng	-0.02
79) Terphenyl-d14	13.09	244	1761477	69.95	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	9035	1.802	ng	93
3) Pyridine	3.71	79	18584m	1.664	ng	
4) n-Nitrosodimethylamine	3.56	42	10352m	2.212	ng	
6) Aniline	6.63	93	24682	1.548	ng	# 55
8) 2-Chlorophenol	6.75	128	23659	2.144	ng	97
9) Benzaldehyde	6.52	77	16757	1.135	ng	98
10) Phenol	6.59	94	27541	2.105	ng	92
11) bis(2-Chloroethyl)ether	6.69	93	23341	2.168	ng	92
12) 1,3-Dichlorobenzene	6.90	146	26452	2.178	ng	95
13) 1,4-Dichlorobenzene	6.98	146	26642	2.169	ng	99
14) 1,2-Dichlorobenzene	7.13	146	25036	2.196	ng	98
15) Benzyl Alcohol	7.12	79	31492	3.345	ng	# 46
16) 2,2'-oxybis(1-Chloropropan	7.23	45	36740	2.134	ng	70
17) 2-Methylphenol	7.20	107	20482	2.329	ng	# 76
18) Hexachloroethane	7.47	117	9343	2.078	ng	97
19) n-Nitroso-di-n-propylamine	7.36	70	16139	2.055	ng	# 94
20) 3+4-Methylphenols	7.35	107	24313	2.139	ng	90
22) Acetophenone	7.36	105	34720	2.284	ng	95
24) Nitrobenzene	7.54	77	27904	2.430	ng	99
25) Isophorone	7.77	82	44645	2.355	ng	96
26) 2-Nitrophenol	7.86	139	9438	1.727	ng	92
27) 2,4-Dimethylphenol	7.89	122	19674	2.172	ng	97
28) bis(2-Chloroethoxy)methane	7.99	93	27092	2.104	ng	99
29) 2,4-Dichlorophenol	8.09	162	18191	1.988	ng	93
30) 1,2,4-Trichlorobenzene	8.19	180	21568	2.104	ng	94
31) Naphthalene	8.27	128	73266	2.410	ng	99
32) Benzoic acid	7.93	122	4771	0.681	ng	# 74
33) 4-Chloroaniline	8.32	127	20348	1.487	ng	96
34) Hexachlorobutadiene	8.38	225	12034	2.114	ng	93
35) Caprolactam	8.65	113	5509	1.727	ng	91
36) 4-Chloro-3-methylphenol	8.78	107	19785	1.999	ng	98
37) 2-Methylnaphthalene	8.96	142	50185	2.495	ng	97
38) 1-Methylnaphthalene	9.06	142	47288	2.433	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.12	216	20658	2.085	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	8757	1.729	ng	96
43) 2,4,6-Trichlorophenol	9.23	196	12123m	1.897	ng	
44) 2,4,5-Trichlorophenol	9.27	196	13226	1.958	ng	97
46) 1,1'-Biphenyl	9.42	154	63978	2.225	ng	97
47) 2-Chloronaphthalene	9.45	162	46259	2.193	ng	98
48) 2-Nitroaniline	9.54	65	12316	1.927	ng	91
49) Acenaphthylene	9.87	152	74705	2.452	ng	98
50) Dimethylphthalate	9.71	163	53724	2.289	ng	99
51) 2,6-Dinitrotoluene	9.78	165	9838	1.946	ng	89
52) Acenaphthene	10.04	154	45678	2.267	ng	97
53) 3-Nitroaniline	9.95	138	10155	1.689	ng	# 95
54) 2,4-Dinitrophenol	10.06	184	1181	5.725	ng	# 88
55) Dibenzofuran	10.21	168	66234	2.348	ng	94
56) 4-Nitrophenol	10.10	139	7532	1.693	ng	91
57) 2,4-Dinitrotoluene	10.19	165	12722	1.981	ng	# 88
58) Fluorene	10.55	166	53185	2.533	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.33	232	10617	1.929	ng	# 96
60) Diethylphthalate	10.42	149	51204	2.235	ng	99
61) 4-Chlorophenyl-phenylether	10.55	204	24387	2.202	ng	95
62) 4-Nitroaniline	10.56	138	10499	1.756	ng	91
63) Azobenzene	10.70	77	51901	2.282	ng	97
65) 4,6-Dinitro-2-methylphenol	10.59	198	2833	0.995	ng	94
66) n-Nitrosodiphenylamine	10.66	169	44489	2.176	ng	99
67) 4-Bromophenyl-phenylether	11.03	248	14585	2.157	ng	89
68) Hexachlorobenzene	11.10	284	15736	2.193	ng	97
69) Atrazine	11.18	200	13356	2.067	ng	93
70) Pentachlorophenol	11.30	266	4489	1.073	ng	89
71) Phenanthrene	11.52	178	80770	2.476	ng	96
72) Anthracene	11.57	178	82299	2.517	ng	97
73) Carbazole	11.73	167	68542	2.147	ng	98
74) Di-n-butylphthalate	12.04	149	78291	2.171	ng	98
75) Fluoranthene	12.71	202	78737	2.378	ng	99
77) Benzidine	12.83	184	14724	0.669	ng	# 89
78) Pyrene	12.94	202	81570	2.173	ng	97
80) Butylbenzylphthalate	13.55	149	29529	1.812	ng	97
81) Benzo(a)anthracene	14.13	228	72047	2.320	ng	98
82) 3,3'-Dichlorobenzidine	14.09	252	14851	1.373	ng	95
83) Chrysene	14.17	228	67671	2.294	ng	99
84) Bis(2-ethylhexyl)phthalate	14.10	149	43077	1.955	ng	95
85) Di-n-octyl phthalate	14.72	149	67208	1.962	ng	99
86) Indeno(1,2,3-cd)pyrene	17.21	276	49790	2.035	ng	# 93
88) Benzo(b)fluoranthene	15.20	252	58420	2.234	ng	95
89) Benzo(k)fluoranthene	15.24	252	58739	2.285	ng	99
90) Benzo(a)pyrene	15.59	252	53330	2.216	ng	96
91) Dibenzo(a,h)anthracene	17.23	278	41270	1.988	ng	# 94
92) Benzo(g,h,i)perylene	17.68	276	40316	1.970	ng	# 91

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

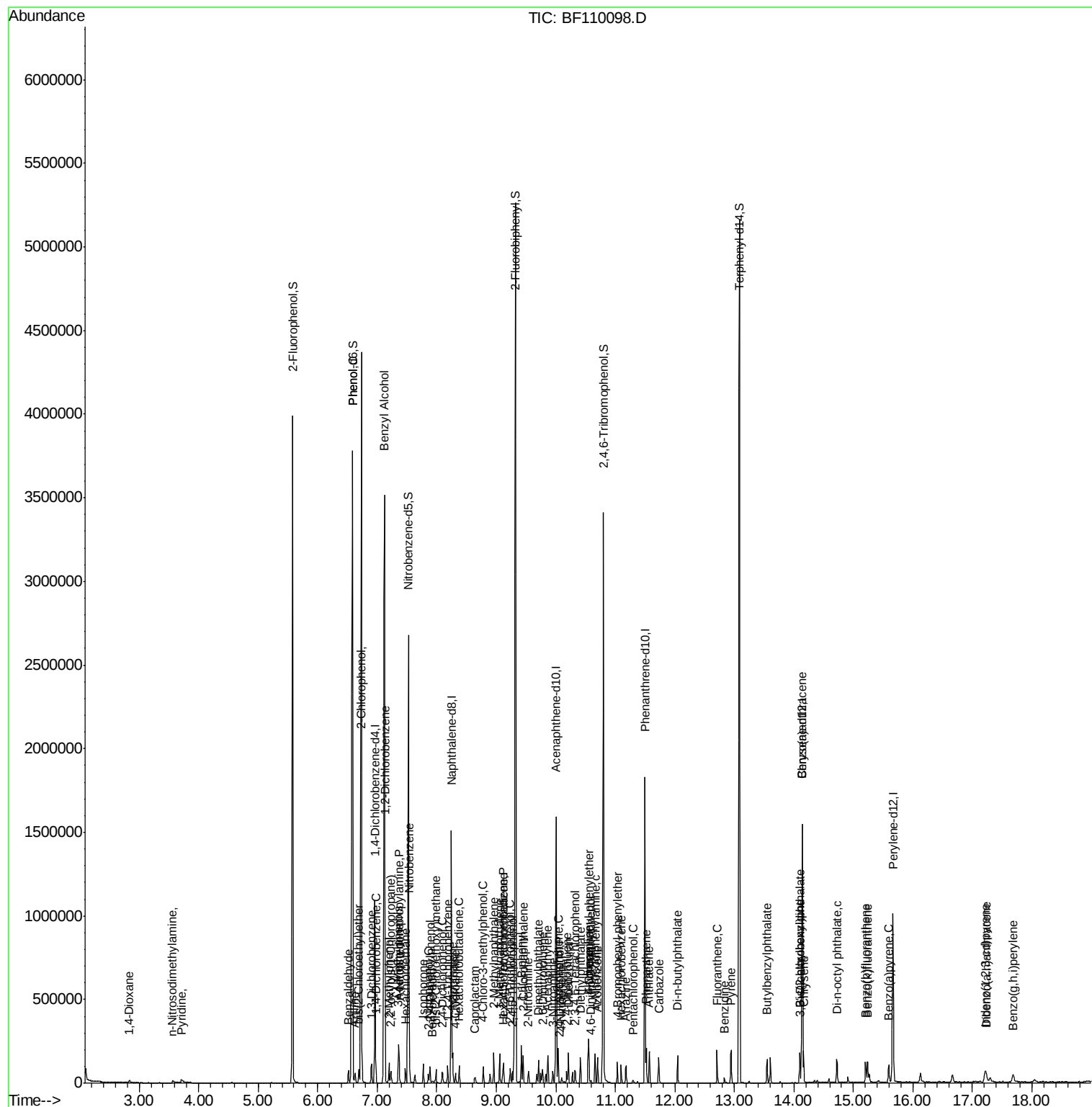
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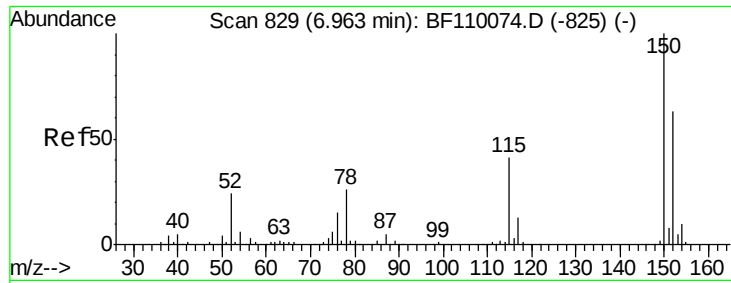
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#1

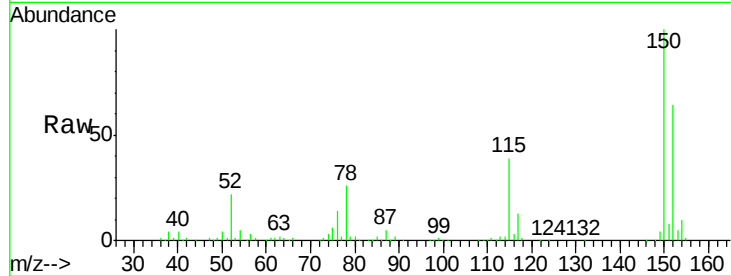
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

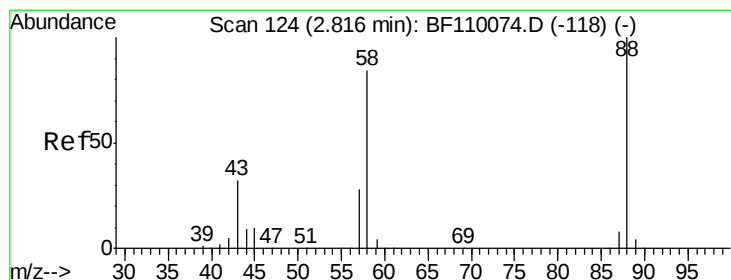
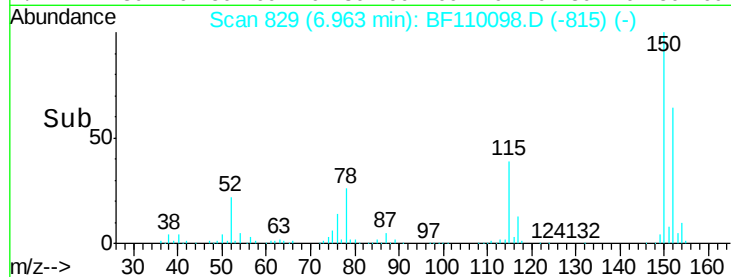
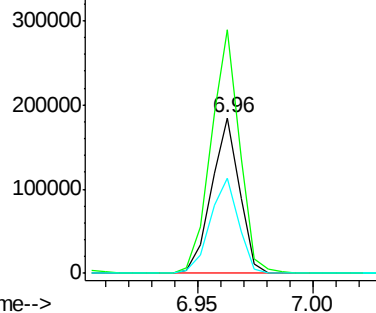
Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.8	122.7	184.1
115	61.1	49.1	73.7

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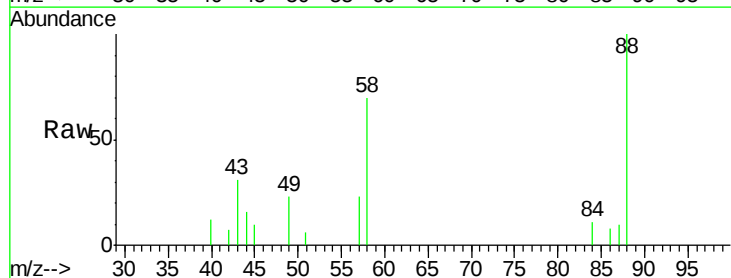
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



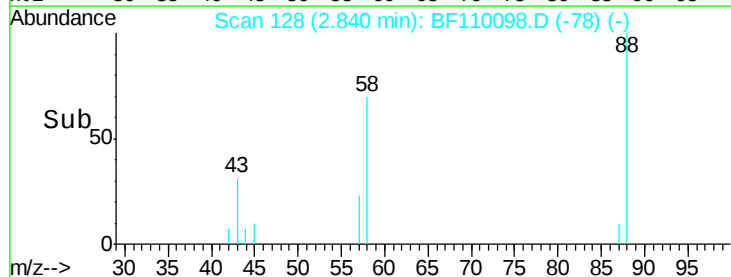
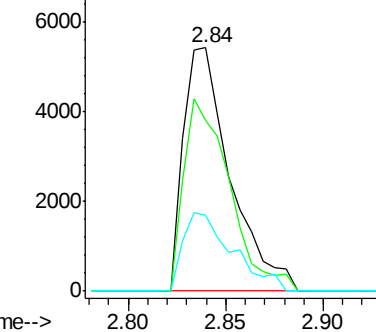
#2

1,4-Dioxane
Concen: 1.802 ng
RT: 2.84 min Scan# 128
Delta R.T. -0.01 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.1	57.1	85.7
43	33.8	24.1	36.1



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pyridine

Concen: 1.664 ng m

RT: 3.71 min Scan# 276

Delta R.T. 0.09 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

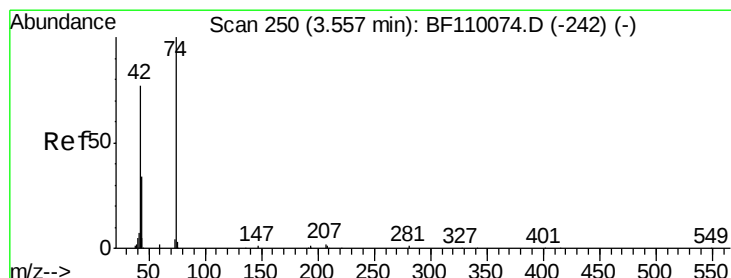
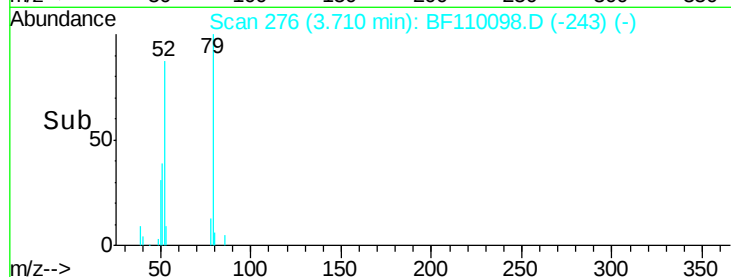
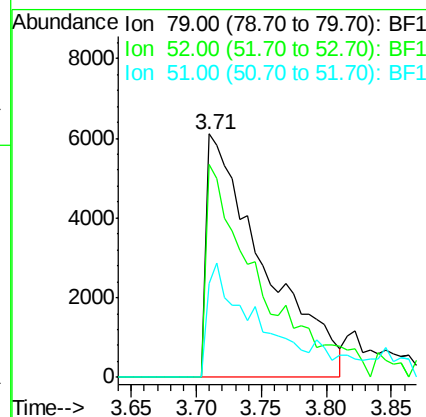
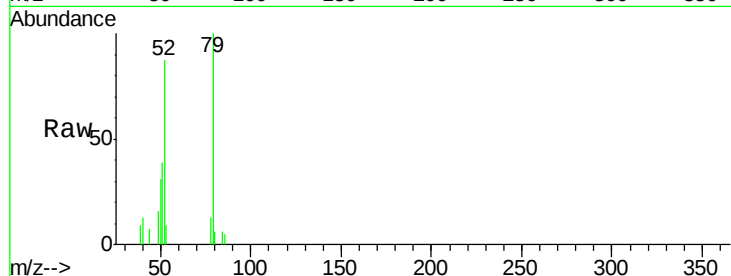
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	79	Resp:	18584
Ion Ratio	Lower	Upper	
79	100		
52	87.3	53.1	79.7#
51	38.7	27.4	41.2

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#4

n-Nitrosodimethylamine

Concen: 2.212 ng m

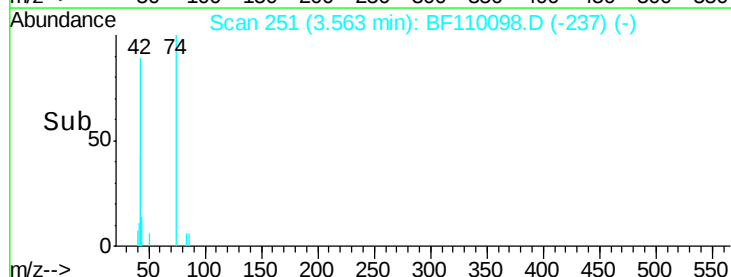
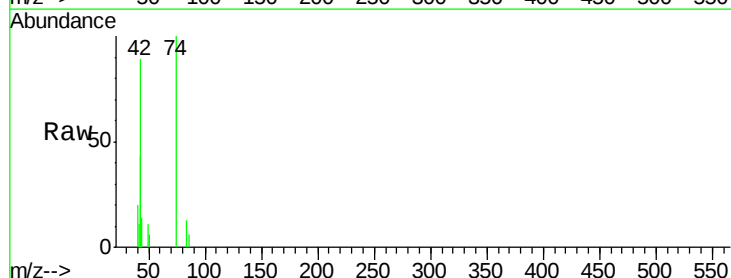
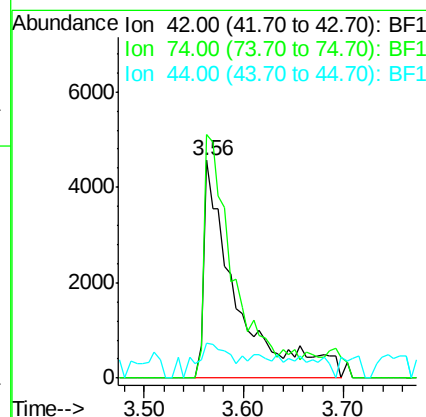
RT: 3.56 min Scan# 251

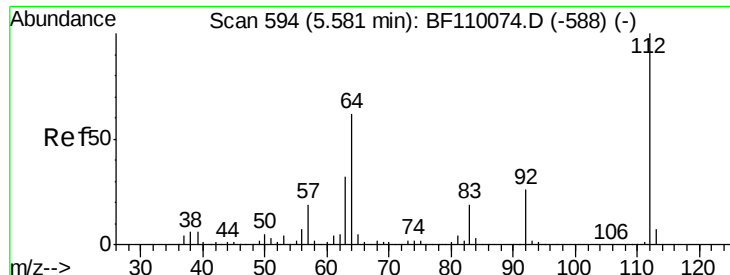
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	42	Resp:	10352
Ion Ratio	Lower	Upper	
42	100		
74	111.9	105.5	158.3
44	15.8	4.9	7.3#





#5

2-Fluorophenol

Concen: 132.671 ng

RT: 5.58 min Scan# 594

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 112 Resp: 1269776

Ion Ratio Lower Upper

112 100

64 60.8 44.1 66.1

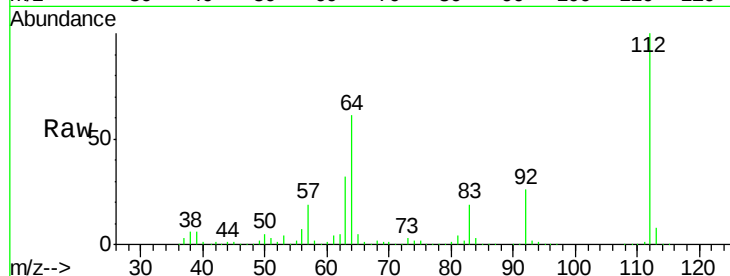
63 31.9 23.7 35.5

Manual Integrations

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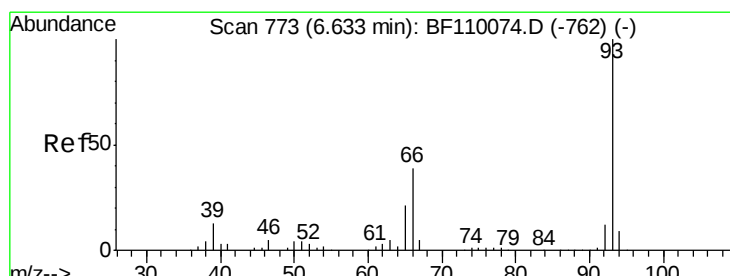
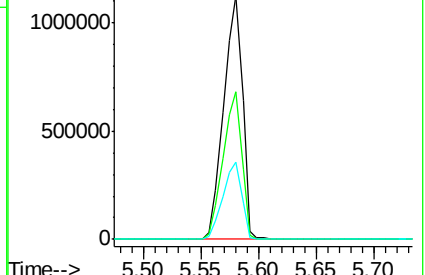
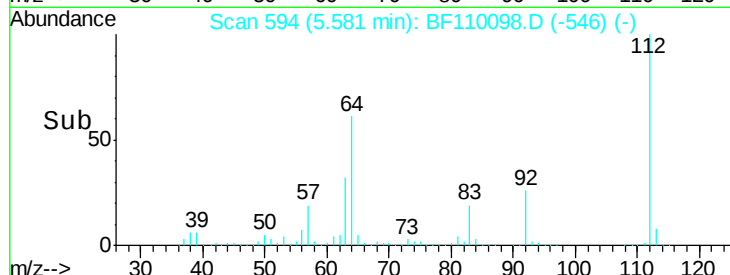
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Abundance Ion 112.00 (111.70 to 112.70): BF110098.D (-546) (-)

Ion 64.00 (63.70 to 64.70): BF110098.D (-546) (-)

Ion 63.00 (62.70 to 63.70): BF110098.D (-546) (-)



#6

Aniline

Concen: 1.548 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

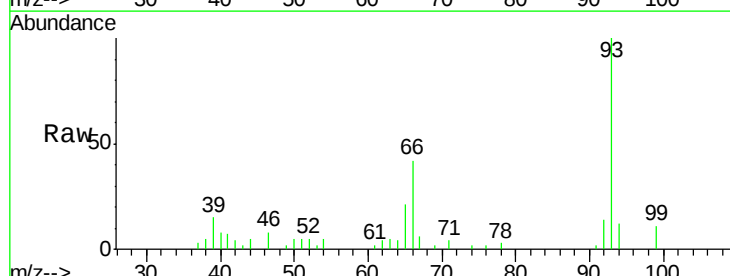
Tgt Ion: 93 Resp: 24682

Ion Ratio Lower Upper

93 100

66 41.7 67.4 101.0#

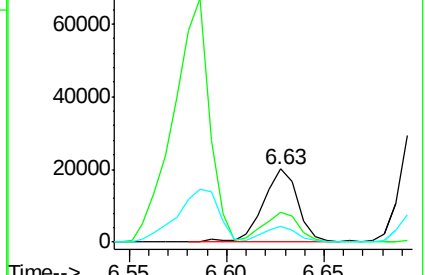
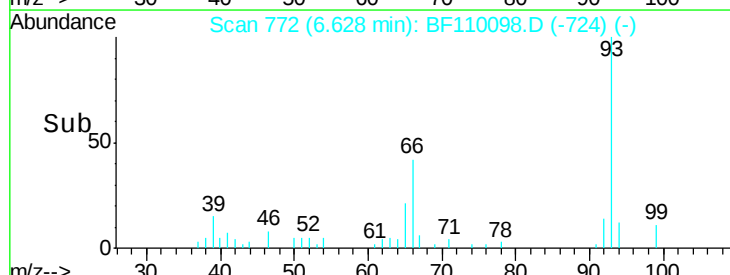
65 21.5 41.0 61.4#

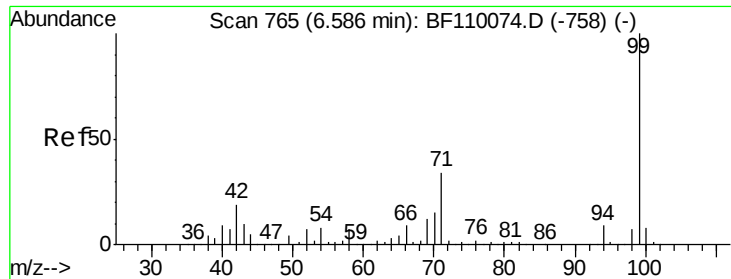


Abundance Ion 93.00 (92.70 to 93.70): BF110098.D (-724) (-)

Ion 66.00 (65.70 to 66.70): BF110098.D (-724) (-)

Ion 65.00 (64.70 to 65.70): BF110098.D (-724) (-)





#7

Phenol-d6

Concen: 129.107 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.02 min

Lab File: BF110098.D

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Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion: 99 Resp: 1580509

Ion Ratio Lower Upper

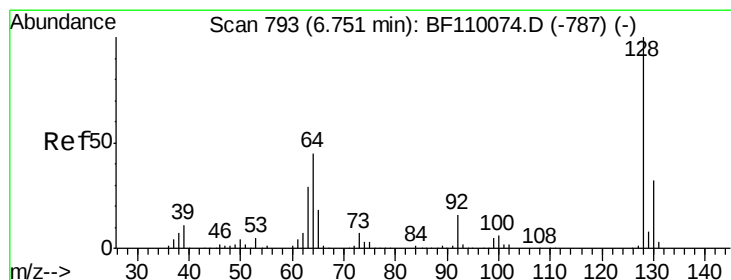
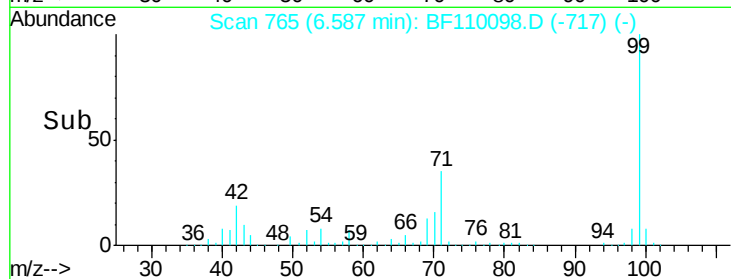
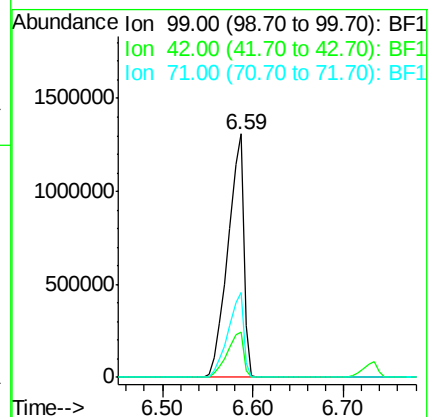
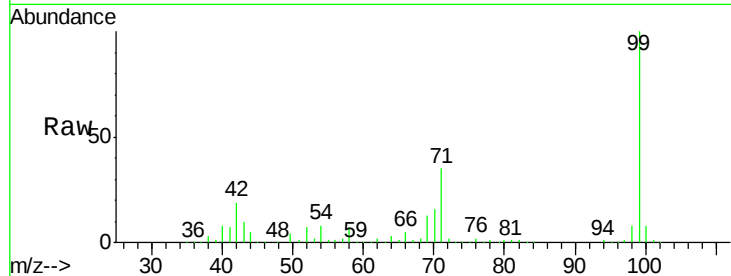
99 100

42 18.7 15.8 23.6

71 34.9 28.0 42.0

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#8

2-Chlorophenol

Concen: 2.144 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

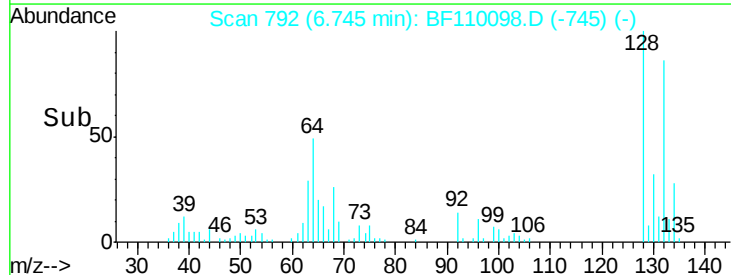
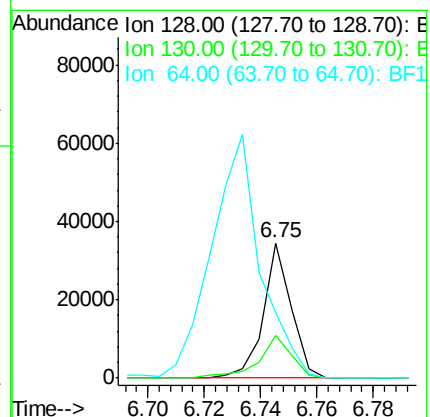
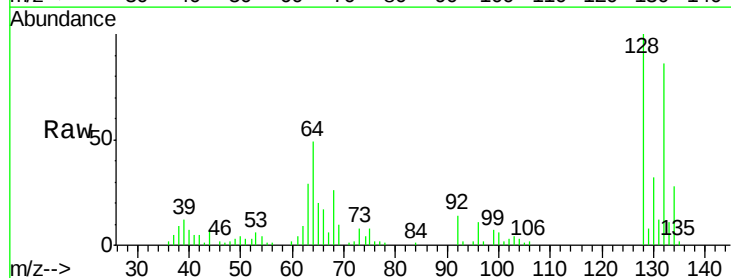
Tgt Ion: 128 Resp: 23659

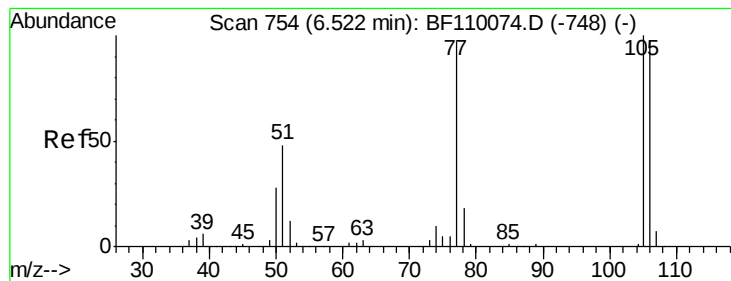
Ion Ratio Lower Upper

128 100

130 31.6 13.1 53.1

64 48.7 26.0 66.0





#9

Benzaldehyde

Concen: 1.135 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

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BNA_F

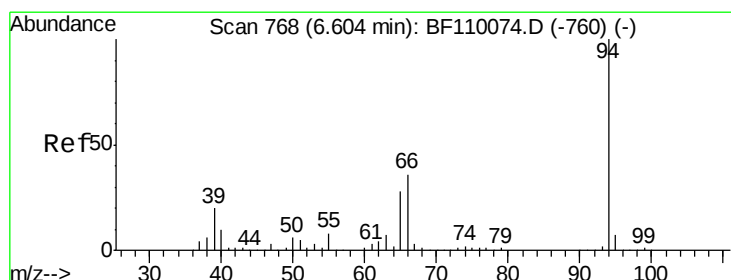
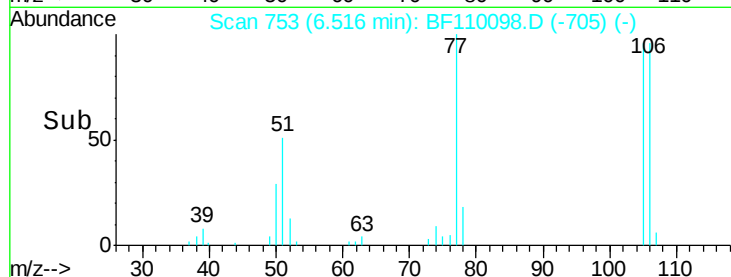
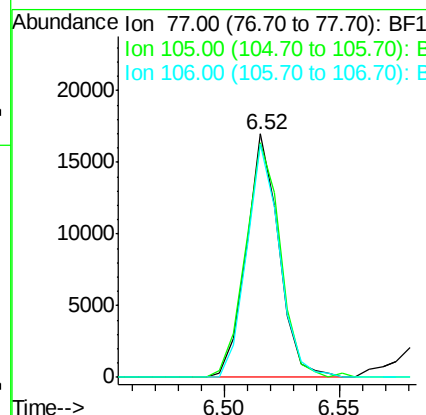
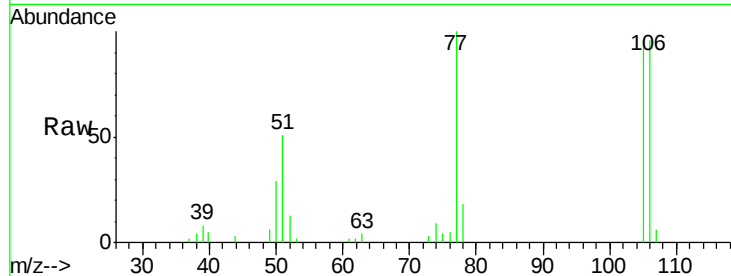
ClientSampleId :

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Tgt Ion:	77	Resp:	16757
Ion	Ratio	Lower	Upper
77	100		
105	96.4	78.6	118.6
106	95.6	74.8	114.8

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#10

Phenol

Concen: 2.105 ng

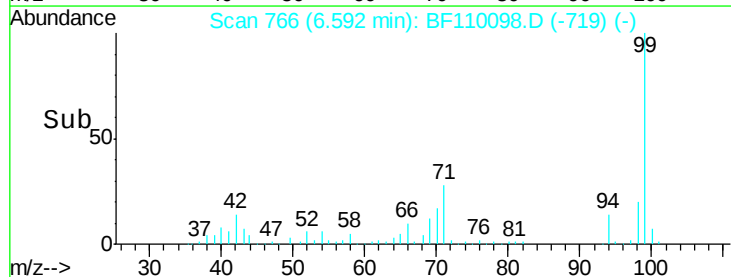
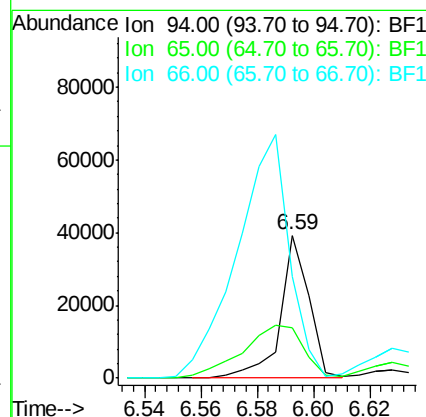
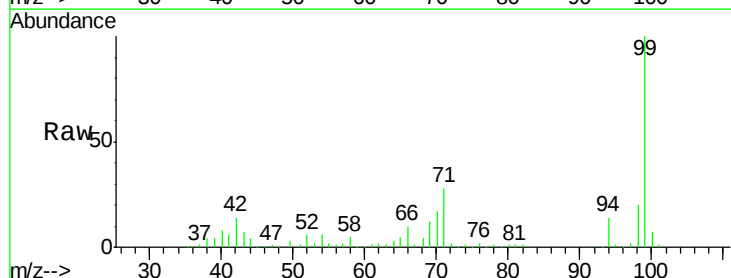
RT: 6.59 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	94	Resp:	27541
Ion	Ratio	Lower	Upper
94	100		
65	35.3	25.3	65.3
66	71.7	54.5	94.5





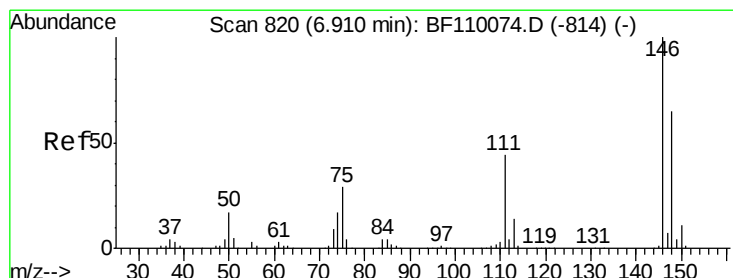
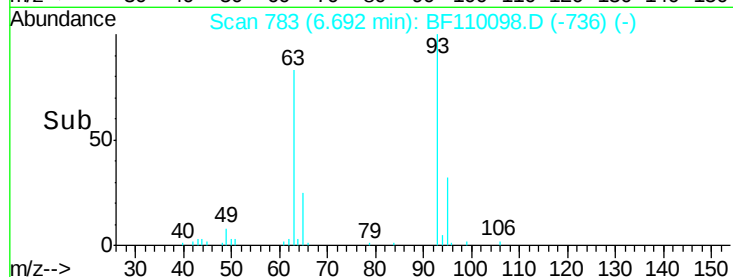
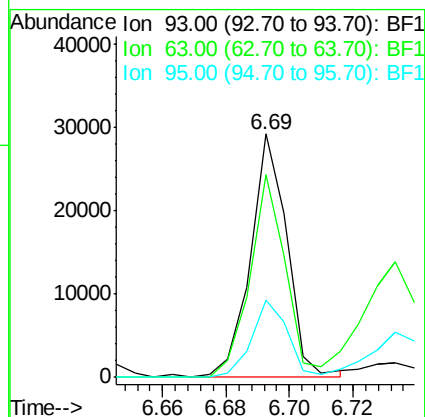
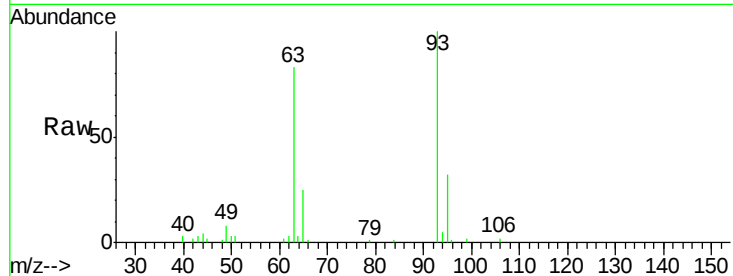
#11
bis(2-Chloroethyl)ether
Concen: 2.168 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:	93	Resp:	23341
Ion	Ratio	Lower	Upper
93	100		
63	83.1	53.4	93.4
95	31.7	12.1	52.1

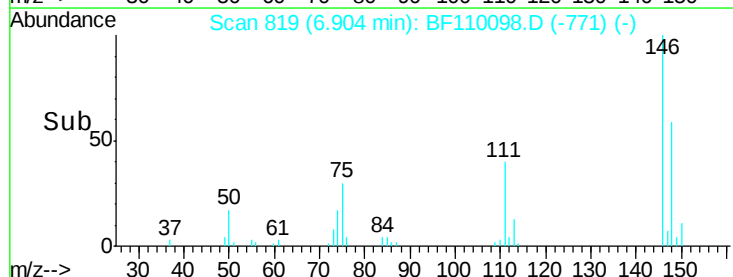
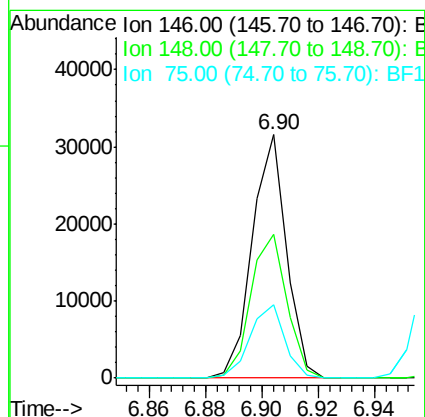
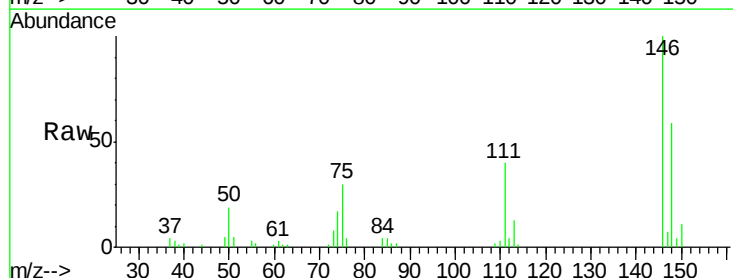
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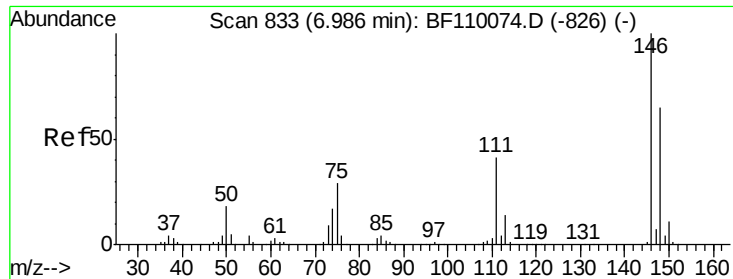
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#12
1,3-Dichlorobenzene
Concen: 2.178 ng
RT: 6.90 min Scan# 819
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion:	146	Resp:	26452
Ion	Ratio	Lower	Upper
146	100		
148	59.1	50.4	75.6
75	30.2	25.8	38.6





#13

1,4-Dichlorobenzene

Concen: 2.169 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

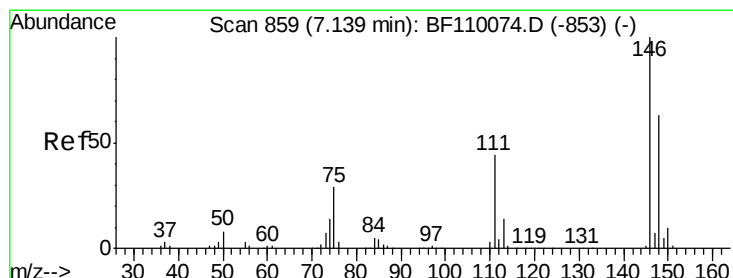
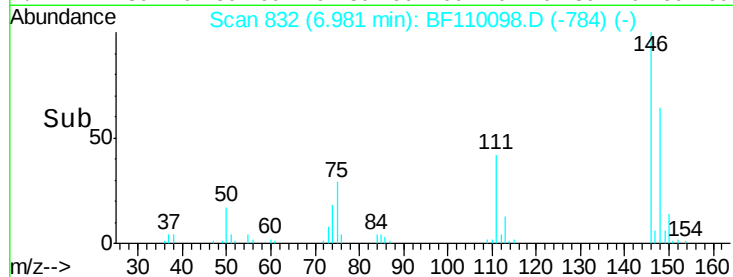
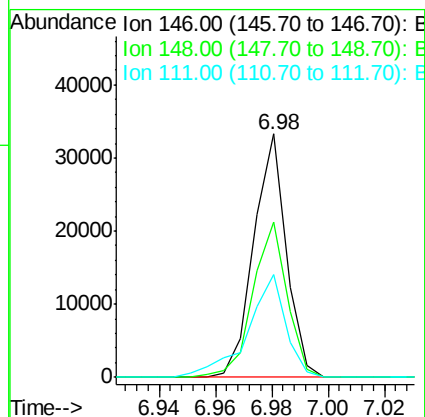
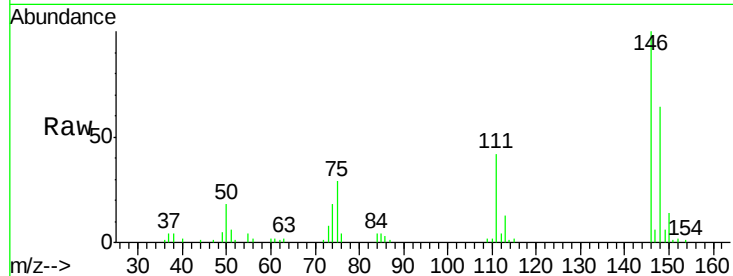
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	146	Resp:	26642
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.3	75.5
111	42.2	32.7	49.1

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#14

1,2-Dichlorobenzene

Concen: 2.196 ng

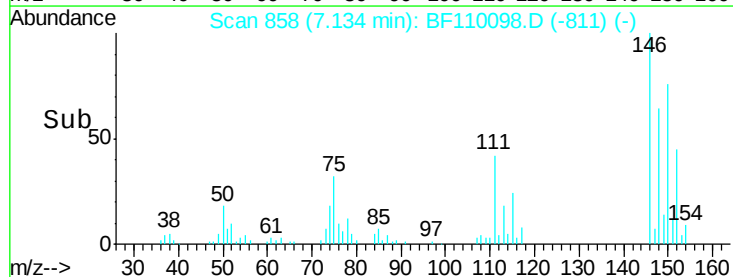
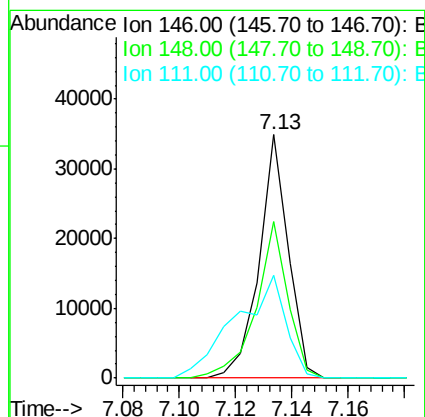
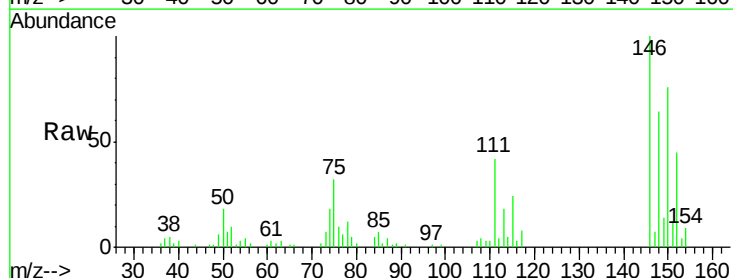
RT: 7.13 min Scan# 858

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	146	Resp:	25036
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.1	76.7
111	42.0	35.8	53.6





#15

Benzyl Alcohol

Concen: 3.345 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.00 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

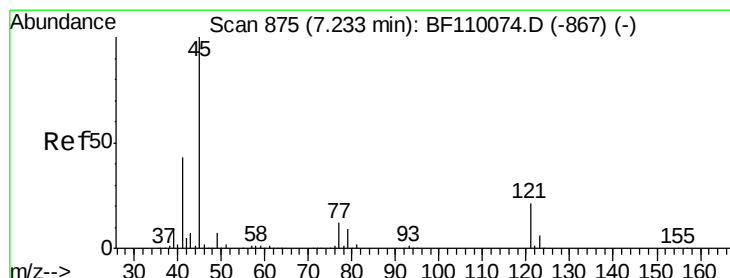
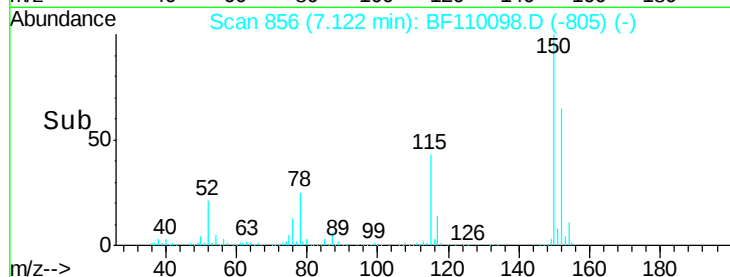
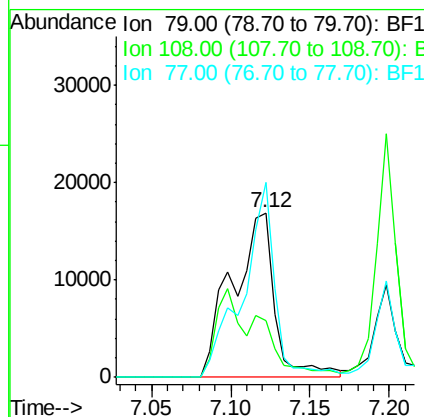
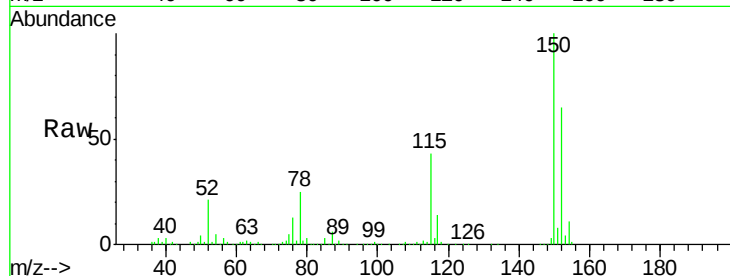
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
79	100		
108	34.5	56.3	84.5#
77	118.6	52.9	79.3#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 2.134 ng

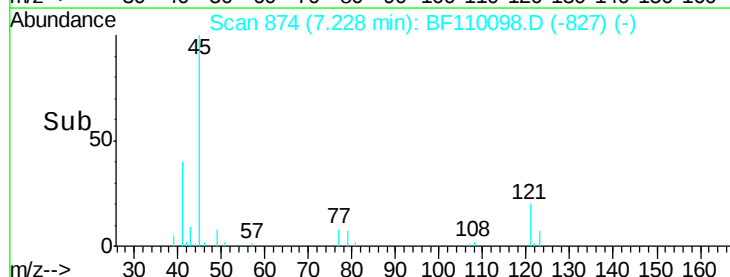
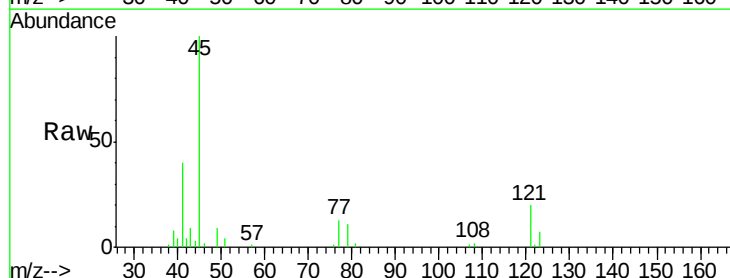
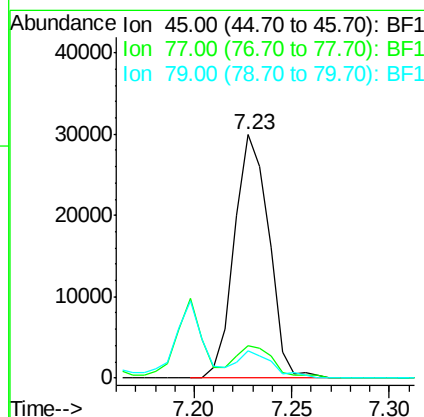
RT: 7.23 min Scan# 874

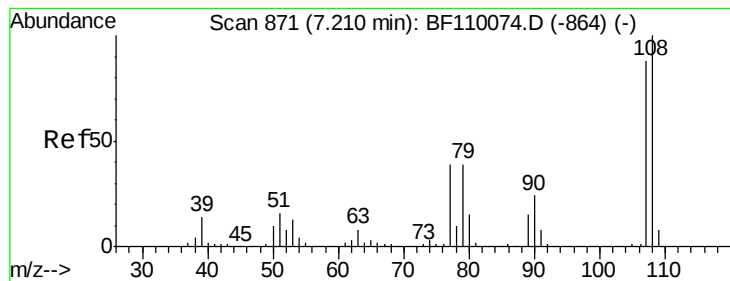
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.5	10.0	50.0
79	11.0	6.1	46.1





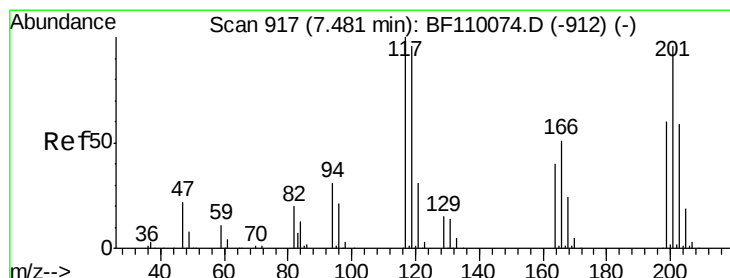
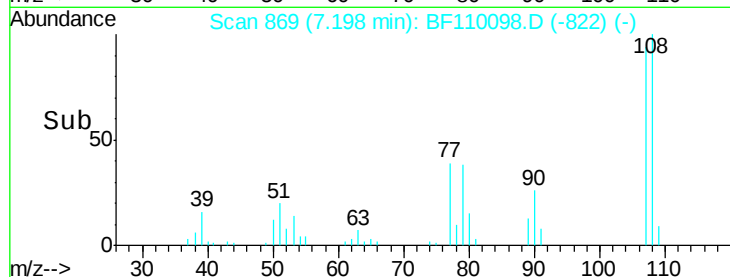
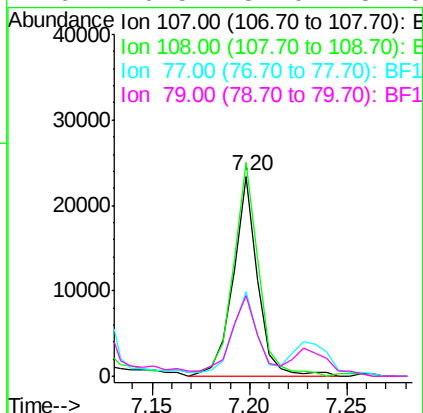
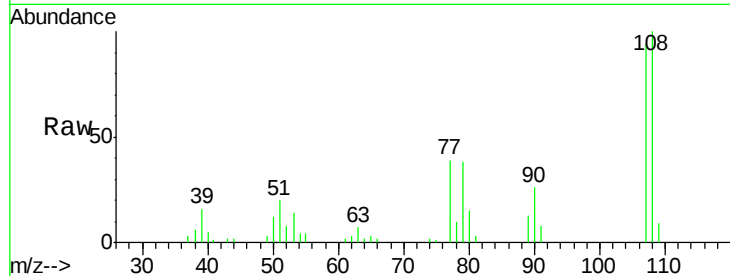
#17
2-Methylphenol
Concen: 2.329 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	20482		
108	106.7	92.6	138.8	
77	42.0	59.4	89.2	
79	40.5	54.0	81.0	

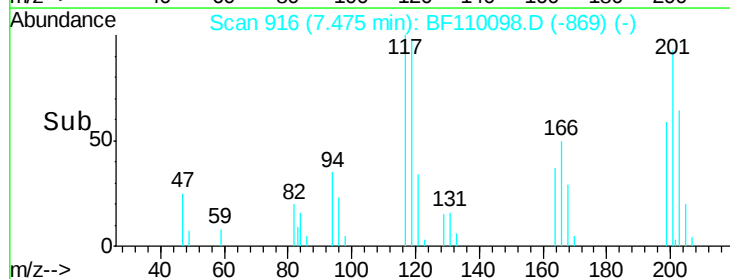
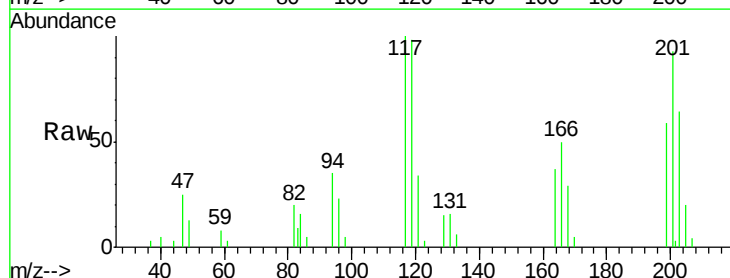
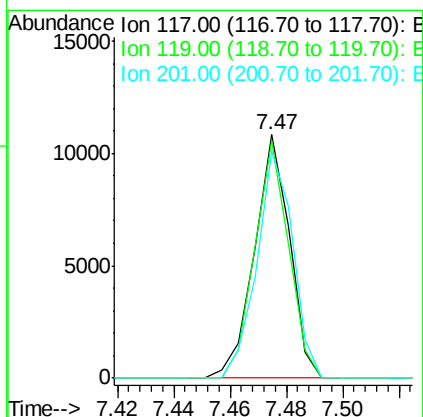
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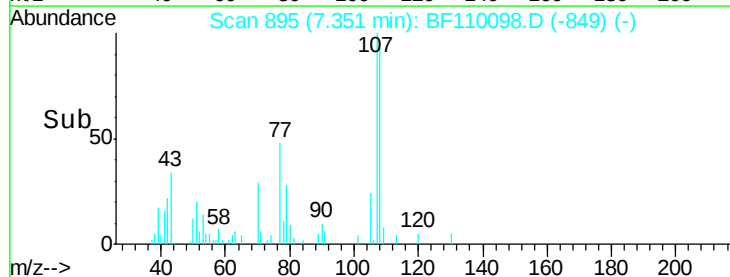
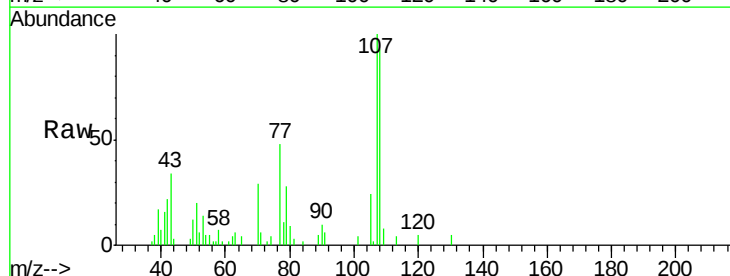
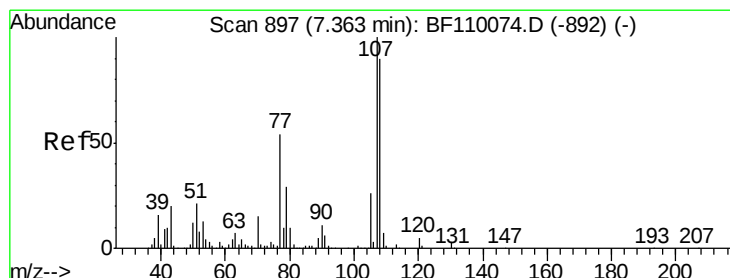
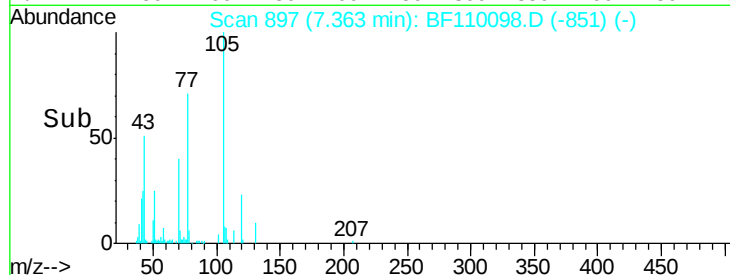
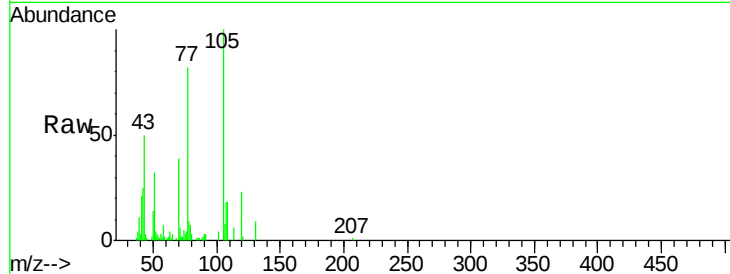
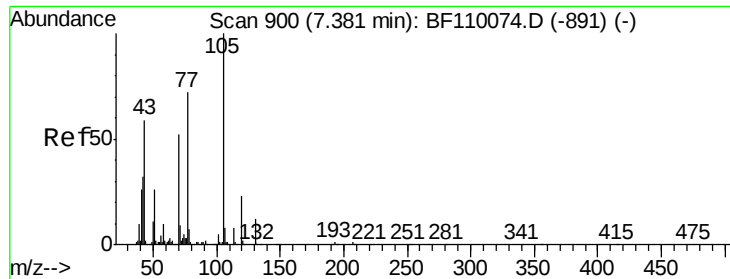
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#18
Hexachloroethane
Concen: 2.078 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	9343		
119	97.7	75.0	112.6	
201	96.2	79.2	118.8	





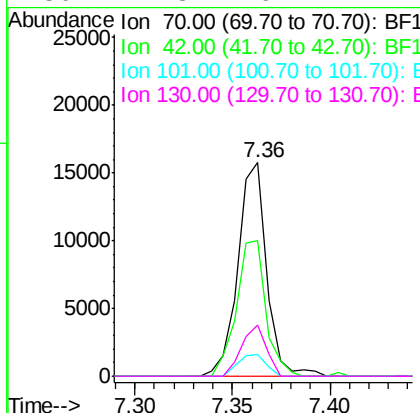
#19
n-Nitroso-di-n-propylamine
Concen: 2.055 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
70	100		
42	63.7	47.4	71.2
101	10.4	7.3	10.9
130	24.3	16.2	24.2#

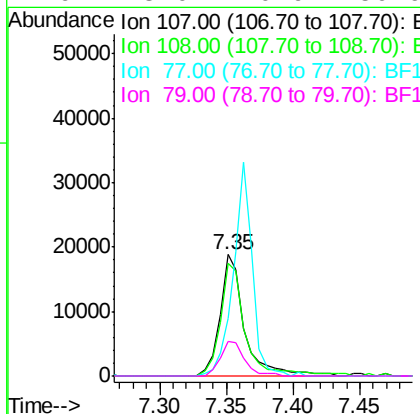
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#20
3+4-Methylphenols
Concen: 2.139 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.2	71.4	111.4
77	47.8	47.3	87.3
79	28.0	10.9	50.9





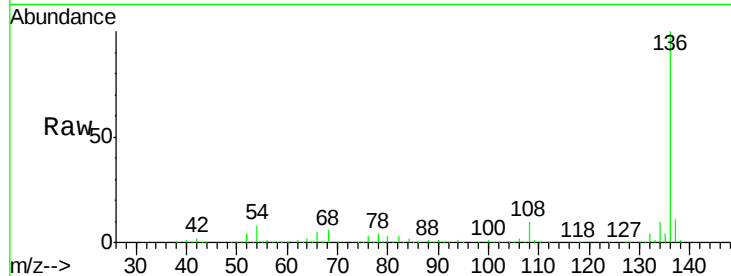
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	659640		
137	11.4	8.8	13.2	
54	8.4	5.4	8.2#	
68	5.6	4.2	6.2	

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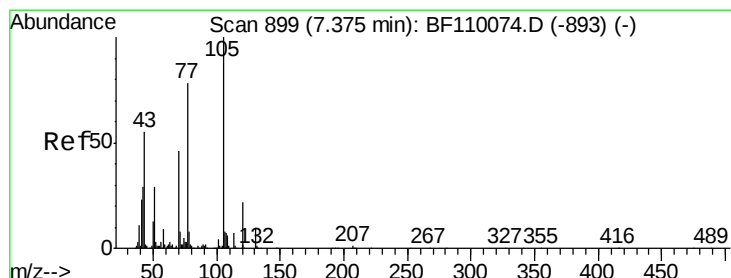
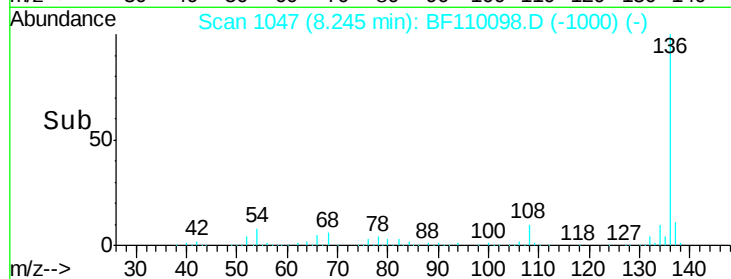
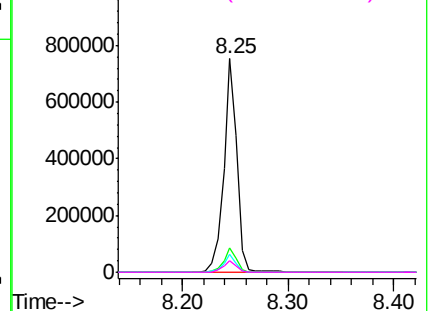
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 2.284 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	34720		
71	6.3	5.2	7.8	
51	31.6	21.8	32.8	
120	22.8	17.0	25.4	

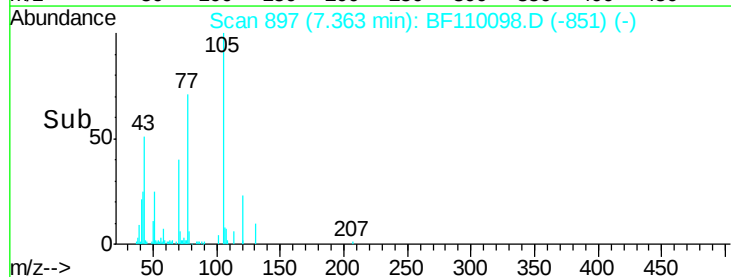
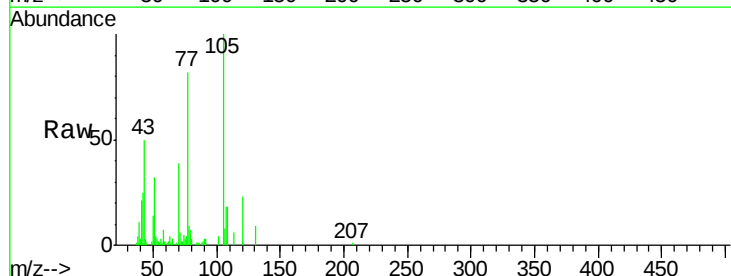
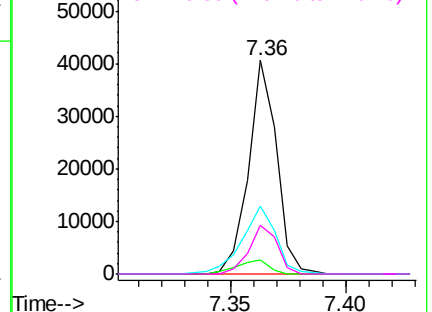
Abundance

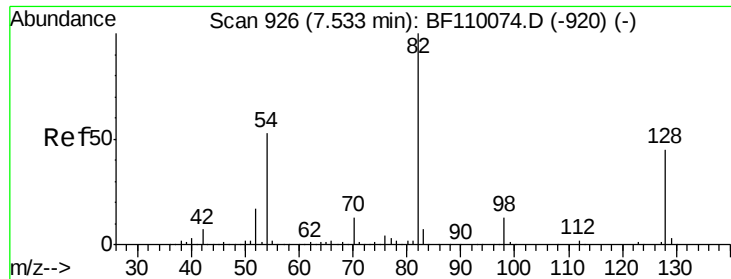
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





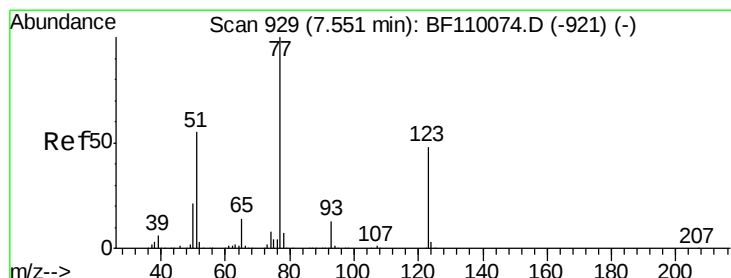
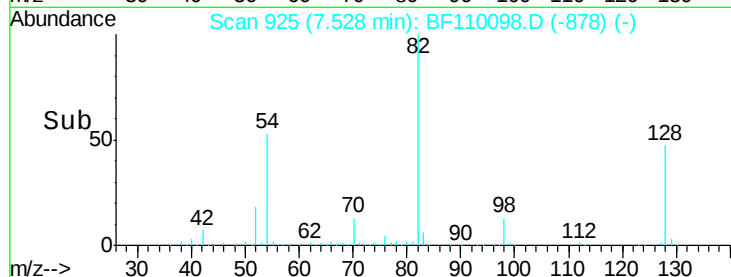
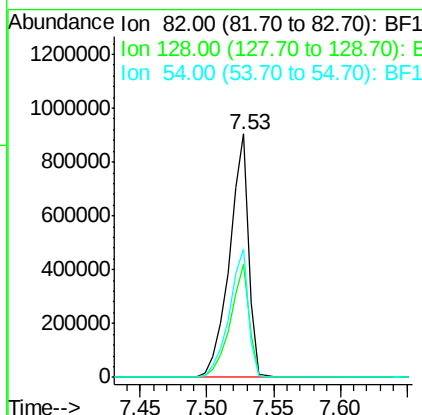
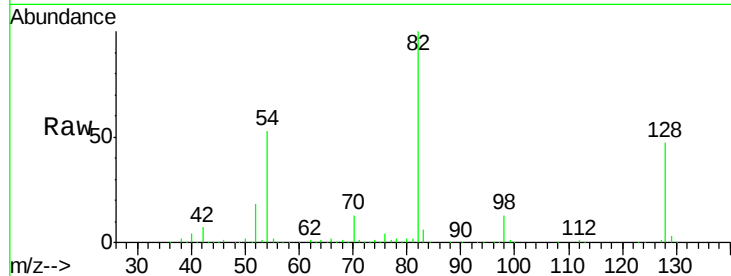
#23
 Nitrobenzene-d5
 Concen: 82.484 ng
 RT: 7.53 min Scan# 925
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.5	34.2	51.2
54	52.7	38.6	58.0

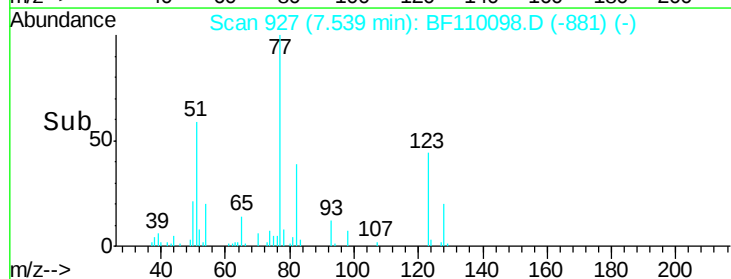
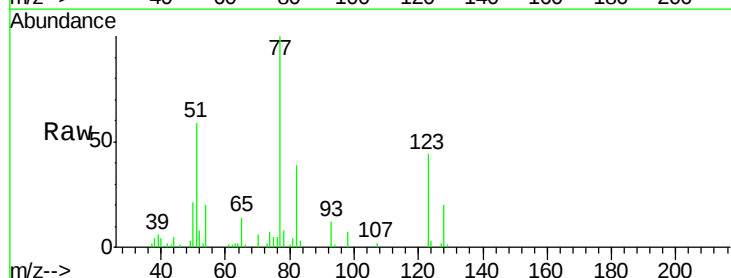
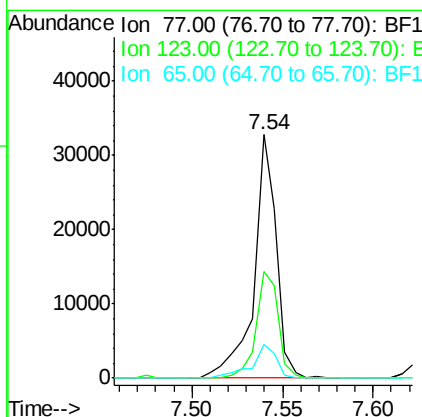
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#24
 Nitrobenzene
 Concen: 2.430 ng
 RT: 7.54 min Scan# 927
 Delta R.T. -0.03 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.7	53.5
65	14.1	10.7	16.1





#25

Isophorone

Concen: 2.355 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.03 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

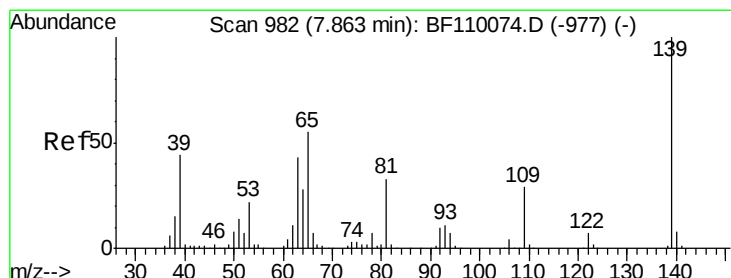
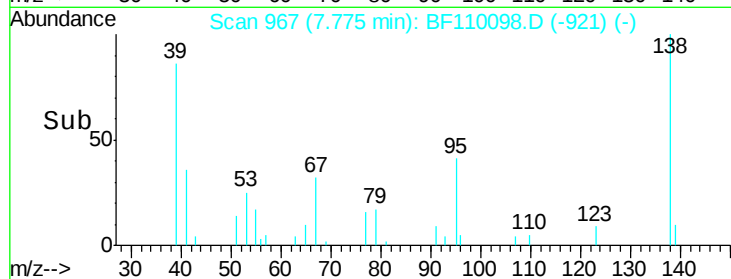
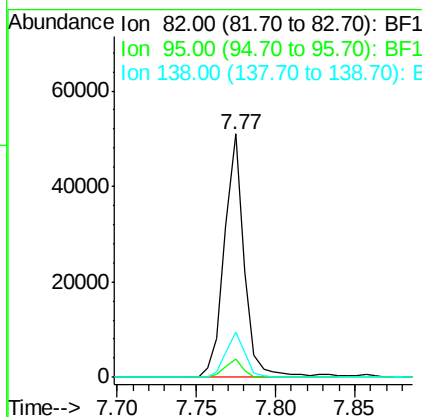
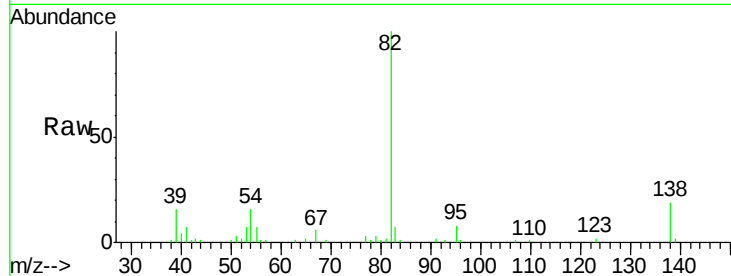
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	82	Resp:	44645
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.7	8.5
138	18.8	13.2	19.8

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#26

2-Nitrophenol

Concen: 1.727 ng

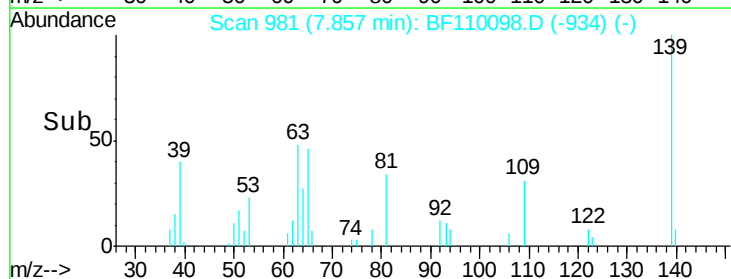
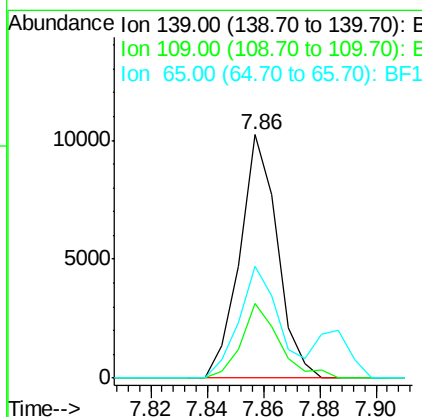
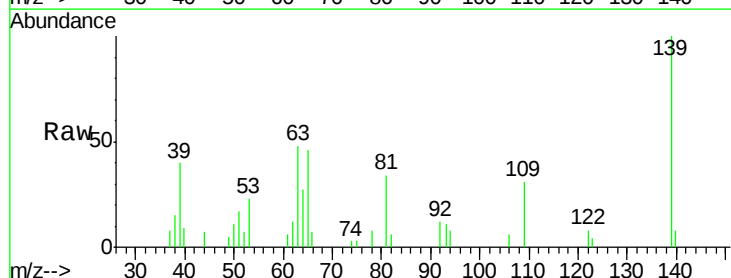
RT: 7.86 min Scan# 981

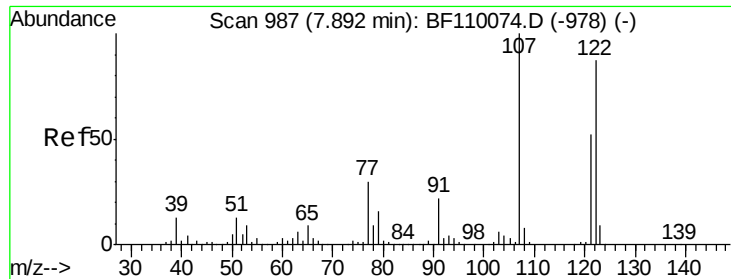
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	139	Resp:	9438
Ion Ratio	Lower	Upper	
139	100		
109	30.9	25.0	37.6
65	46.0	44.0	66.0





#27

2,4-Dimethylphenol

Concen: 2.172 ng

RT: 7.89 min Scan# 986

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

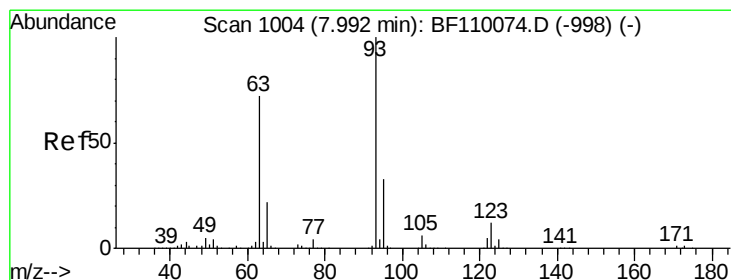
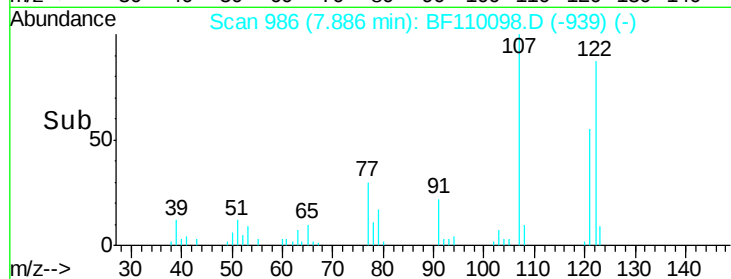
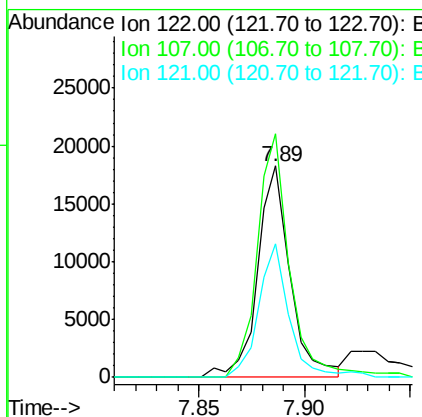
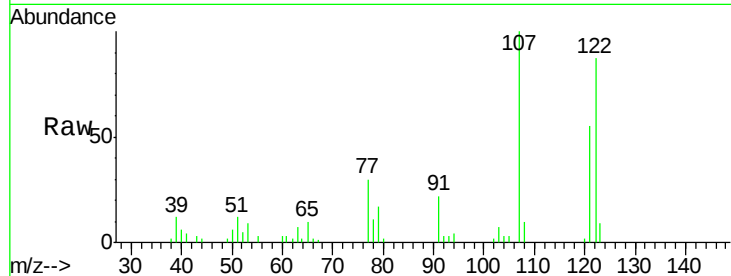
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.3	92.5	138.7
121	63.5	45.8	68.8

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#28

bis(2-Chloroethoxy)methane

Concen: 2.104 ng

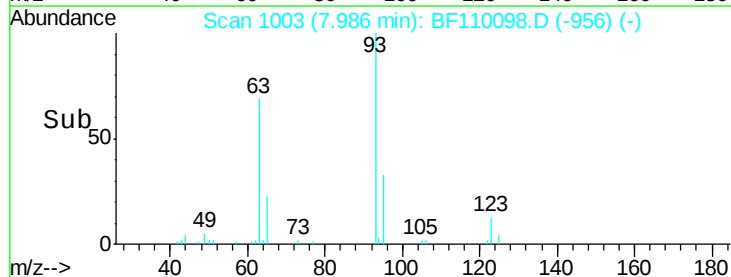
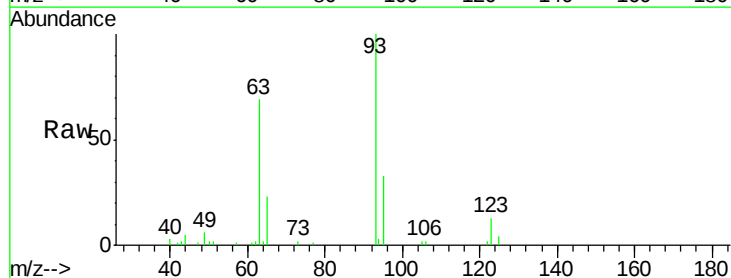
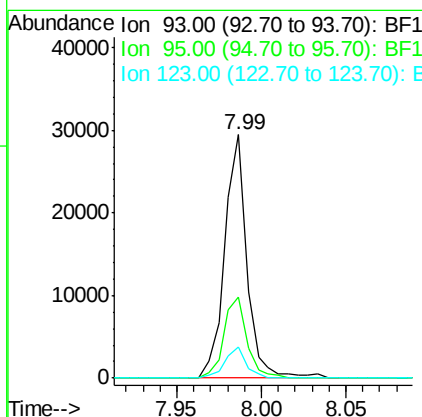
RT: 7.99 min Scan# 1003

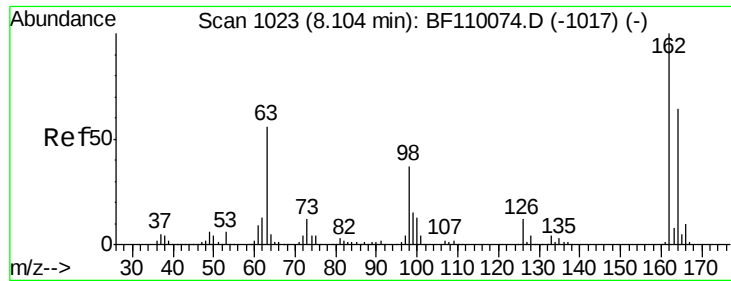
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.1	26.4	39.6
123	12.7	9.0	13.6





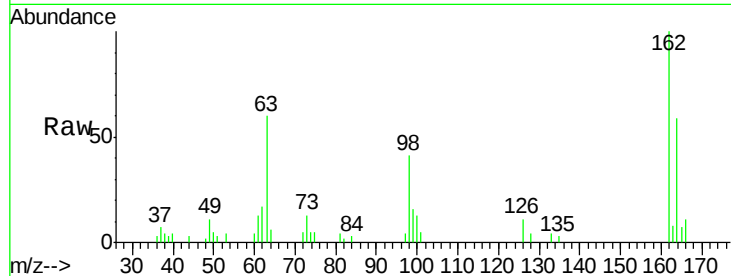
#29
2,4-Dichlorophenol
Concen: 1.988 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

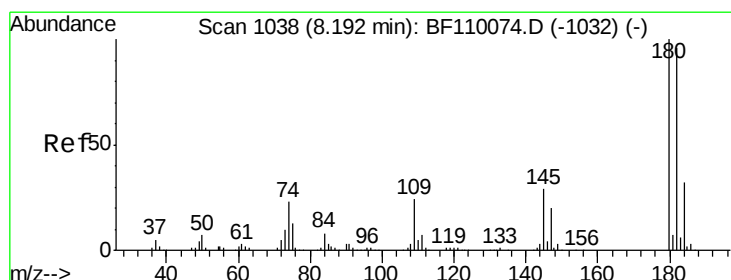
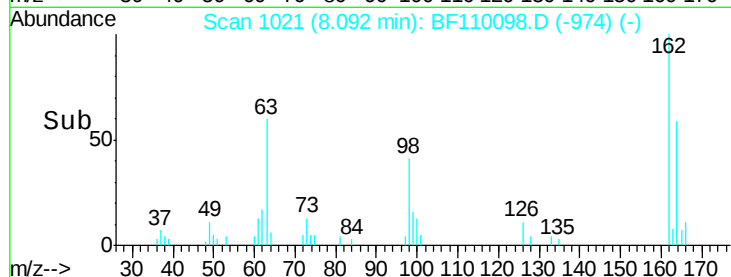
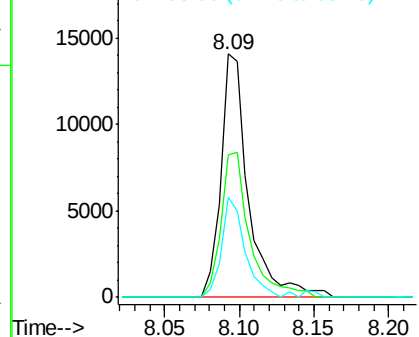
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	18191		
164	58.8	44.6	84.6	
98	40.9	17.4	57.4	

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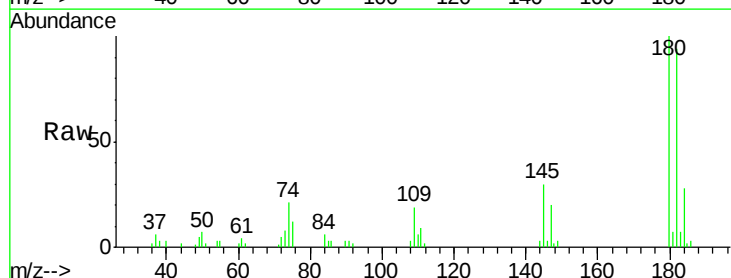


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

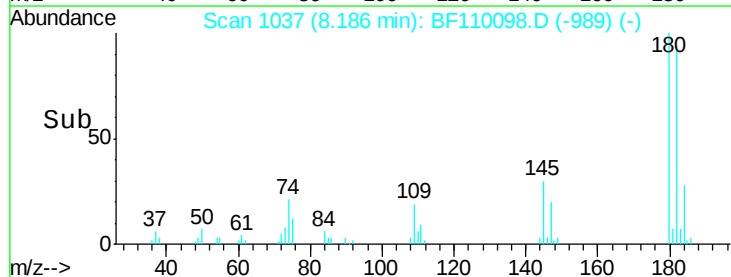
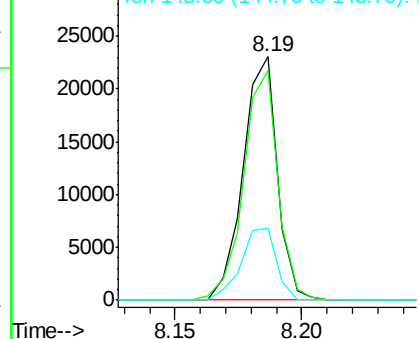


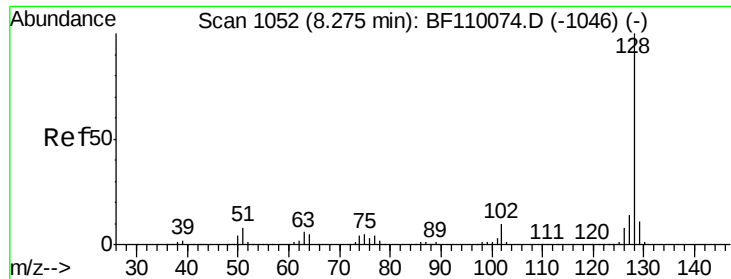
#30
1,2,4-Trichlorobenzene
Concen: 2.104 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	21568		
182	94.2	80.3	120.5	
145	29.5	25.4	38.0	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





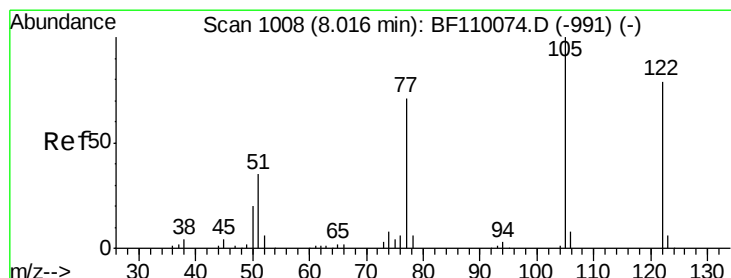
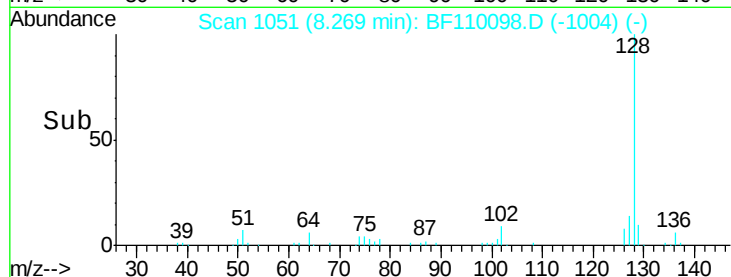
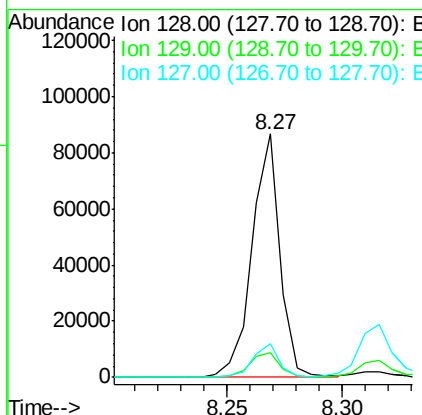
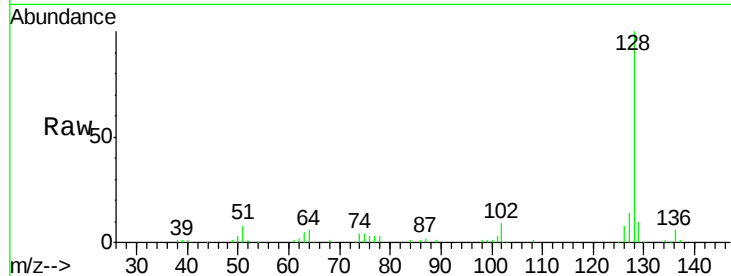
#31
Naphthalene
Concen: 2.410 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.2	8.8	13.2
127	13.8	10.8	16.2

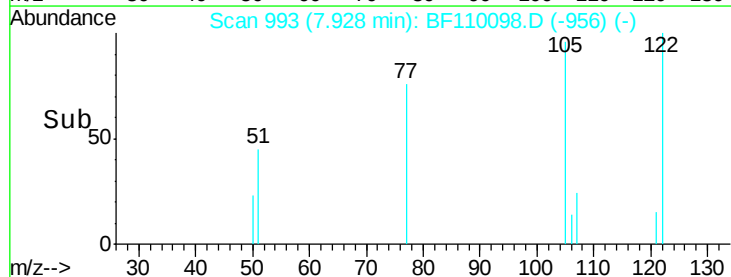
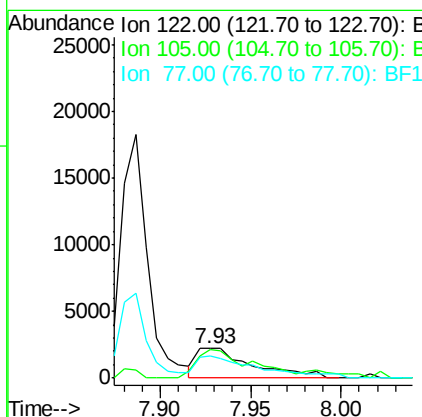
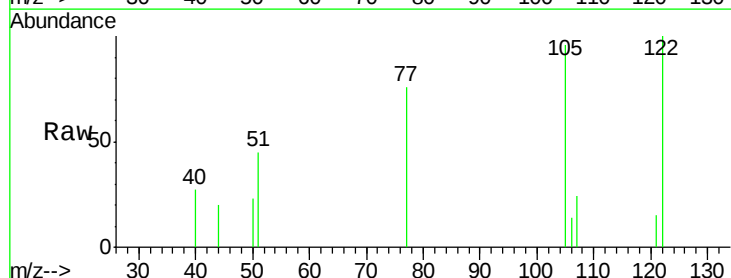
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#32
Benzoic acid
Concen: 0.681 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.08 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	95.7	109.0	149.0#
77	75.7	79.0	119.0#





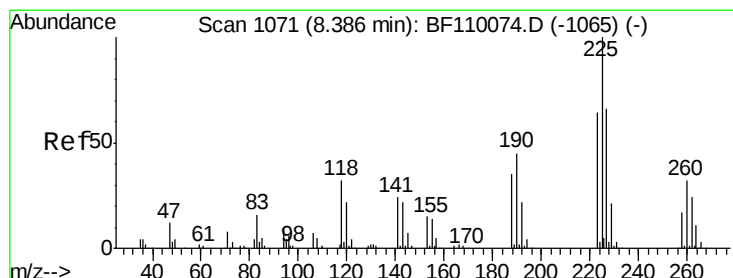
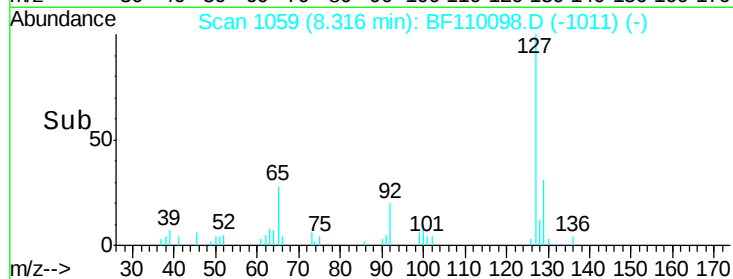
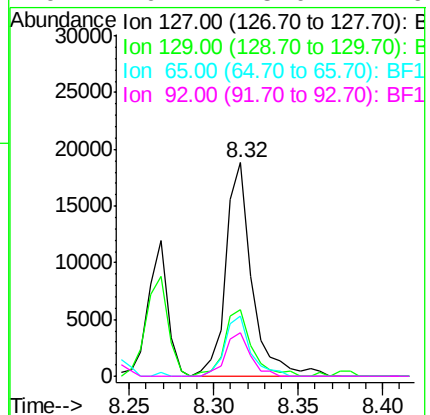
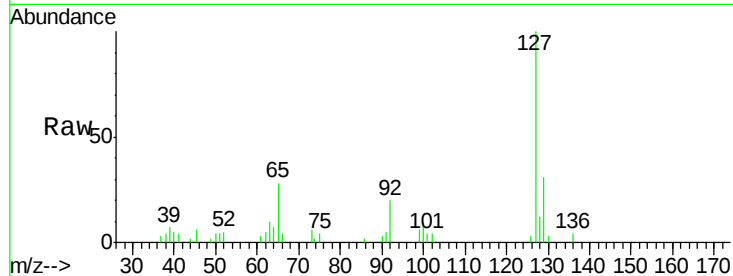
#33
4-Chloroaniline
Concen: 1.487 ng
RT: 8.32 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	20348		
129	31.2	26.0	39.0	
65	28.5	25.1	37.7	
92	20.4	15.0	22.6	

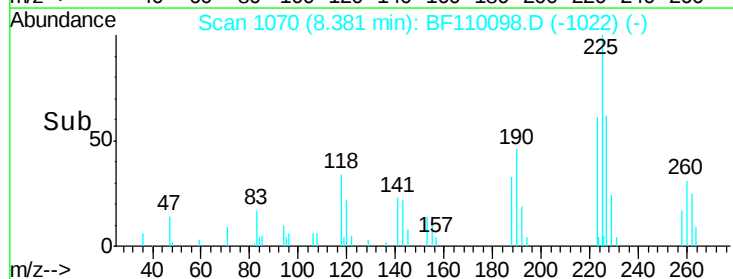
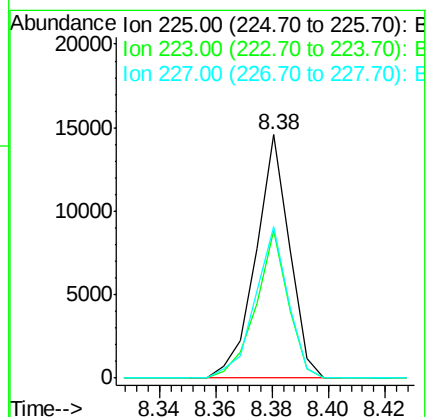
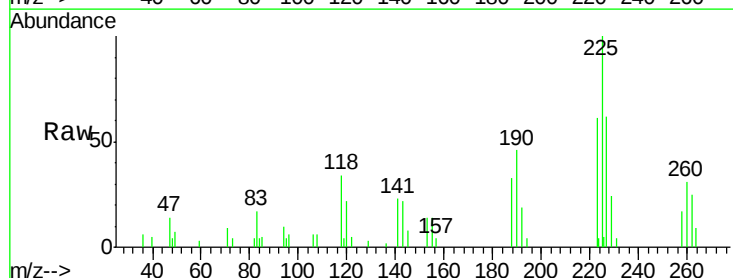
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#34
Hexachlorobutadiene
Concen: 2.114 ng
RT: 8.38 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	12034		
223	57.7	51.4	77.2	
227	59.3	51.0	76.6	





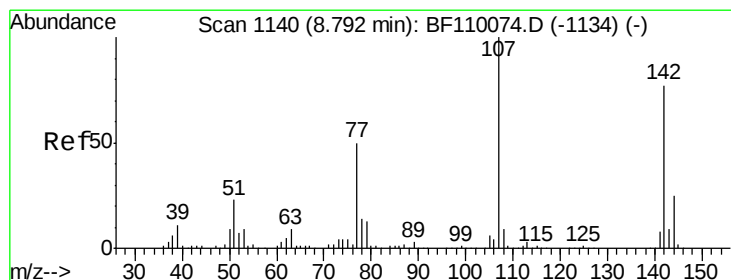
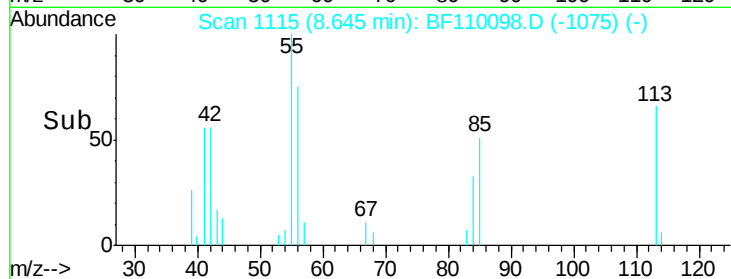
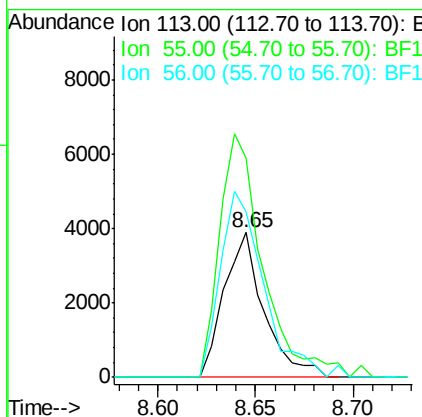
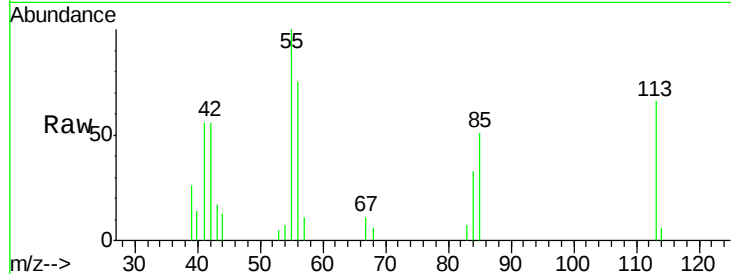
#35
 Caprolactam
 Concen: 1.727 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. -0.06 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion: 113 Resp: 5509
 Ion Ratio Lower Upper
 113 100
 55 151.8 142.8 182.8
 56 114.4 105.0 145.0

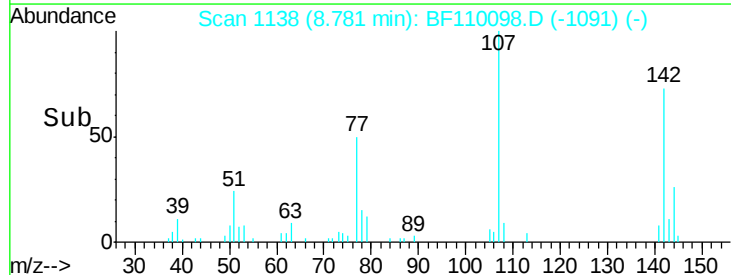
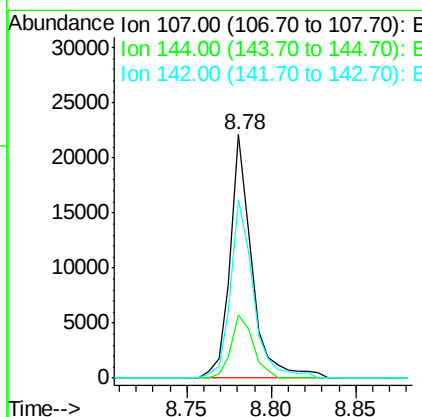
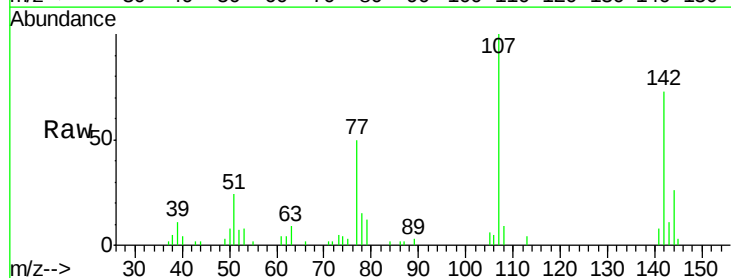
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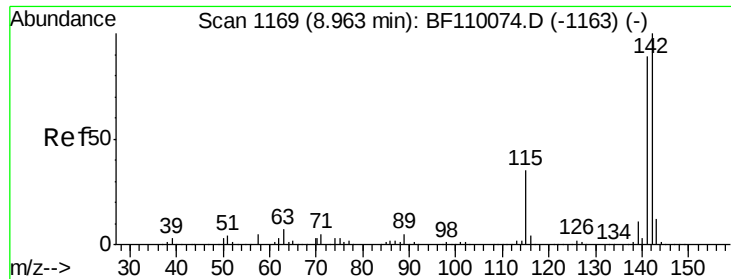
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#36
 4-Chloro-3-methylphenol
 Concen: 1.999 ng
 RT: 8.78 min Scan# 1138
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion: 107 Resp: 19785
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.0 30.0
 142 73.3 59.7 89.5





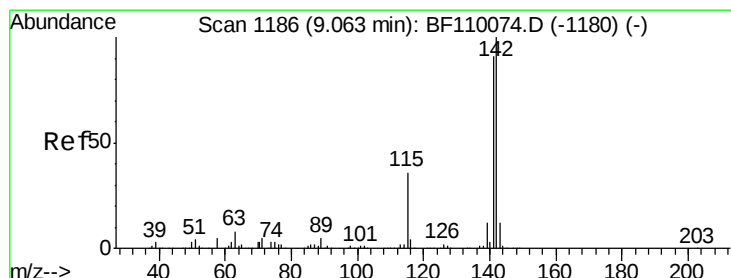
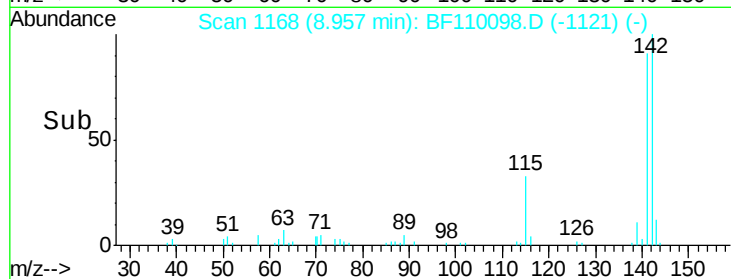
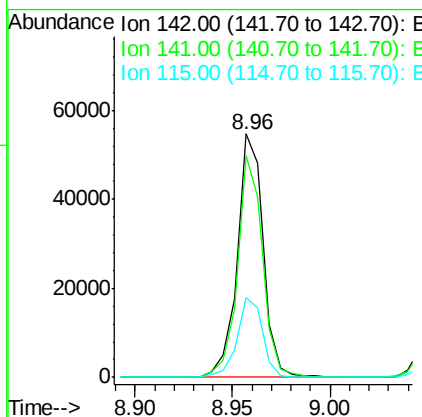
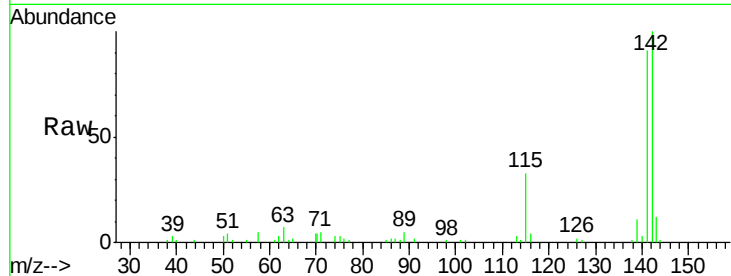
#37
2-Methylnaphthalene
Concen: 2.495 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	71.4	107.2
115	32.7	28.7	43.1

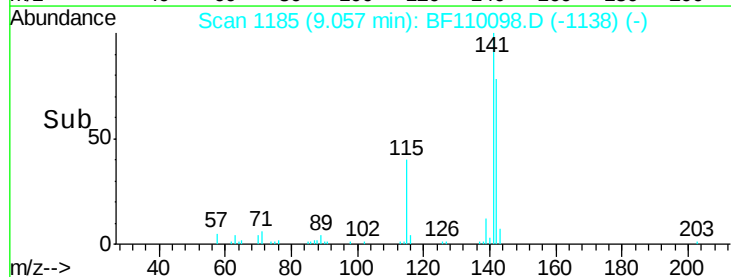
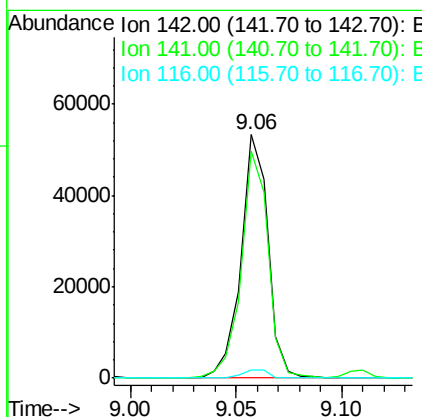
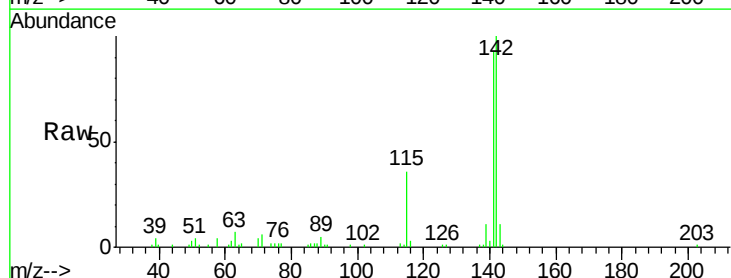
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#38
1-Methylnaphthalene
Concen: 2.433 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4
116	3.2	2.6	4.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.00 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF110098.D

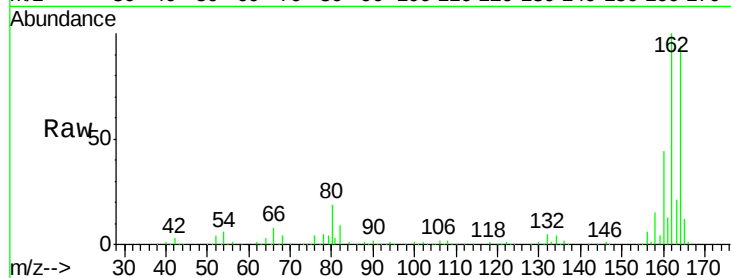
Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT4-2018



Tgt Ion:164 Resp: 317944

Ion Ratio Lower Upper

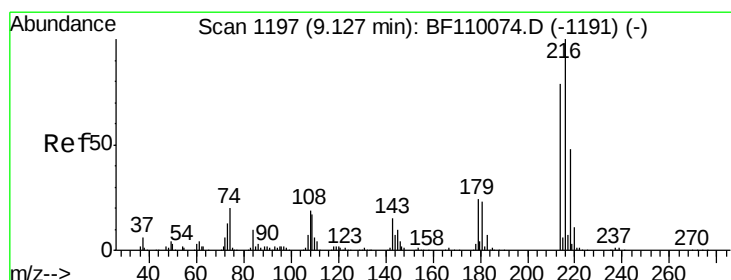
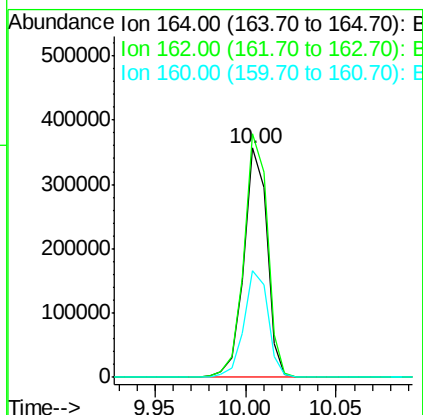
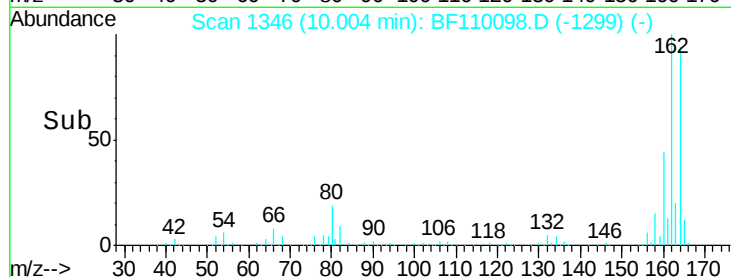
164 100

162 106.2 83.0 124.6

160 46.3 37.0 55.6

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 2.085 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:216 Resp: 20658

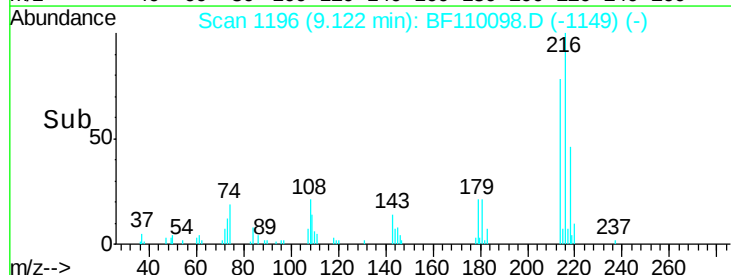
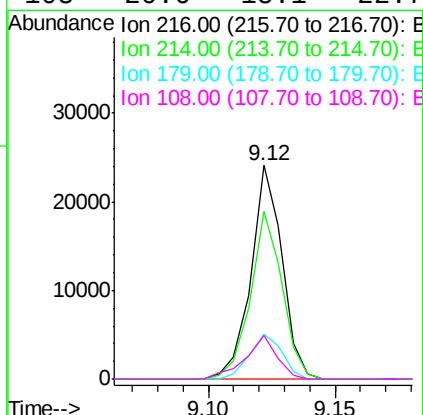
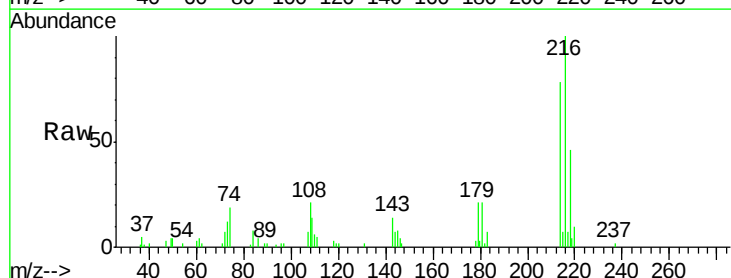
Ion Ratio Lower Upper

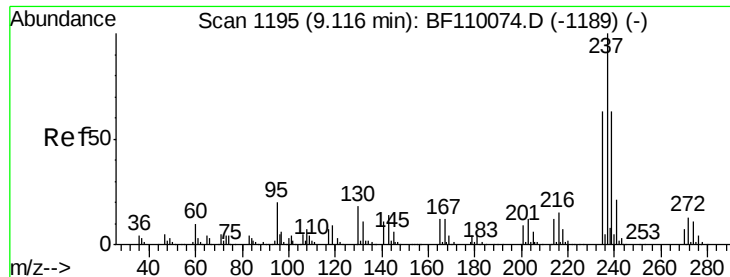
216 100

214 80.0 63.8 95.6

179 22.0 16.6 25.0

108 20.6 15.1 22.7





#41

Hexachlorocyclopentadiene

Concen: 1.729 ng

RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

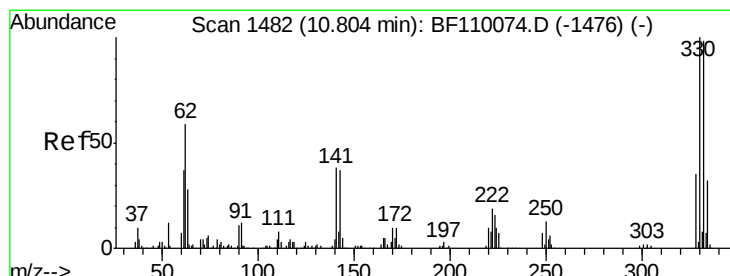
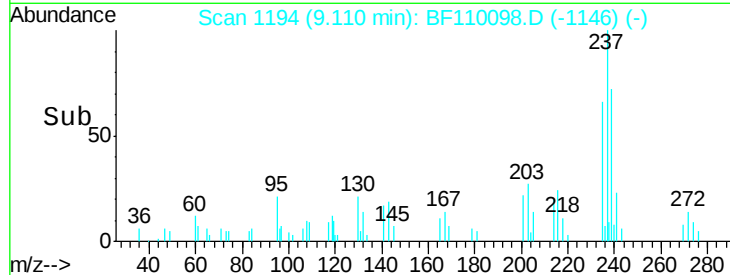
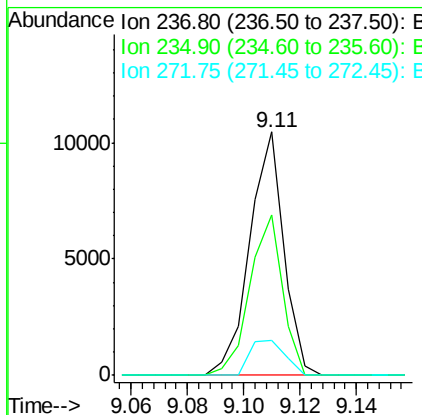
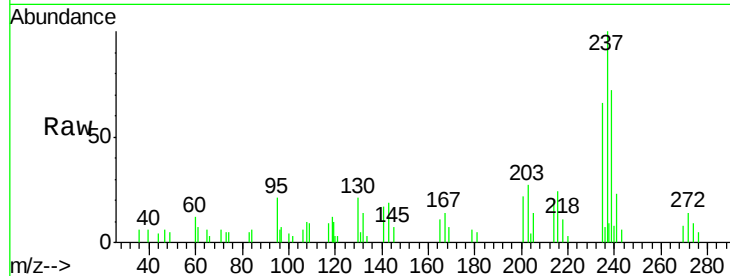
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	237	Resp:	8757
Ion Ratio	Lower	Upper	
237	100		
235	66.1	43.1	83.1
272	14.4	0.0	32.6

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#42

2,4,6-Tribromophenol

Concen: 134.586 ng

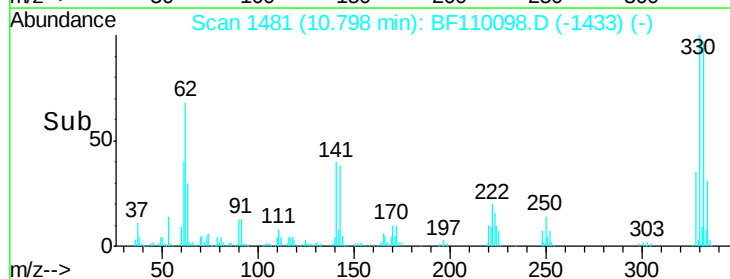
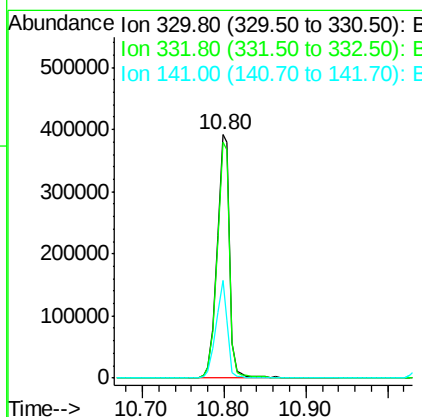
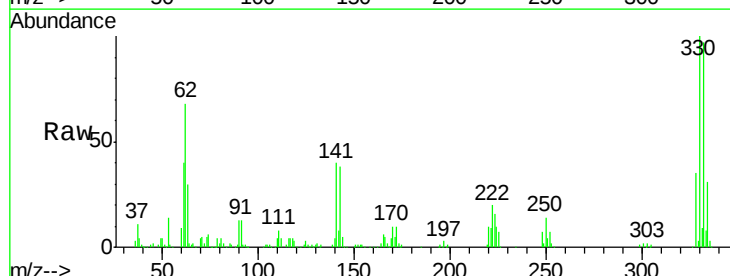
RT: 10.80 min Scan# 1481

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	330	Resp:	423872
Ion Ratio	Lower	Upper	
330	100		
332	96.7	77.1	115.7
141	36.6	27.0	40.4





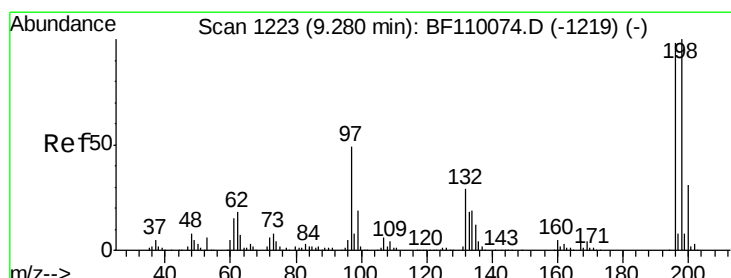
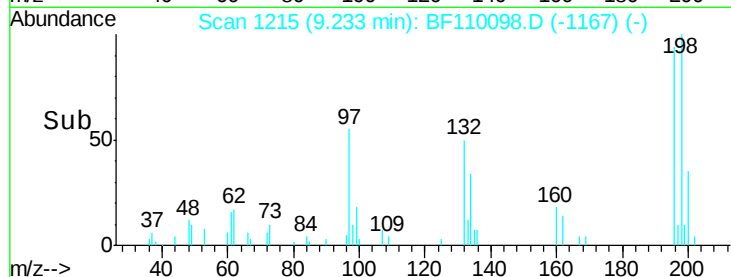
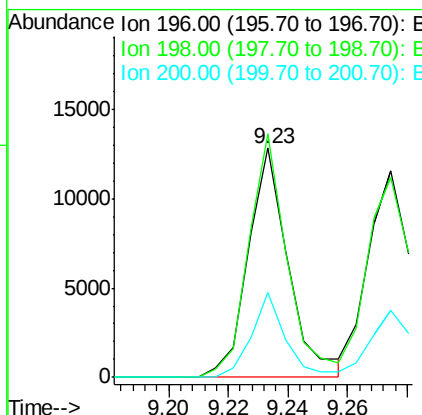
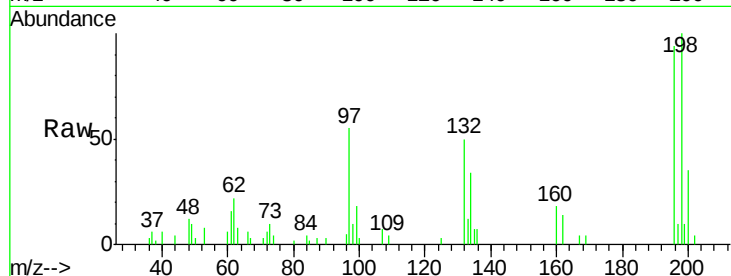
#43
 2,4,6-Trichlorophenol
 Concen: 1.897 ng m
 RT: 9.23 min Scan# 1215
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion:	196	Resp:	12123
Ion Ratio	Lower	Upper	
196	100		
198	106.3	76.2	114.4
200	37.3	24.4	36.6

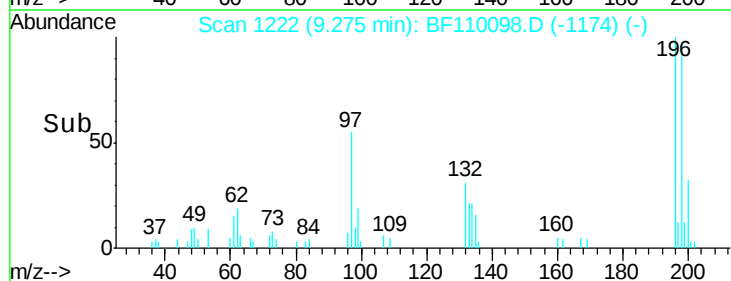
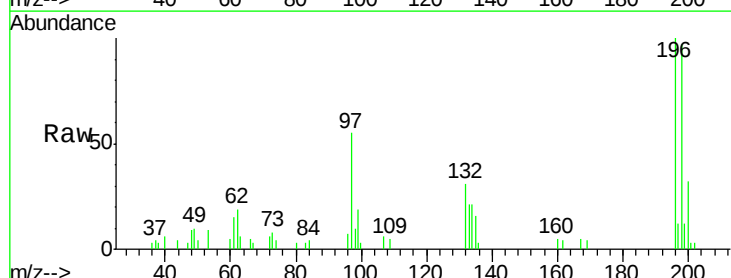
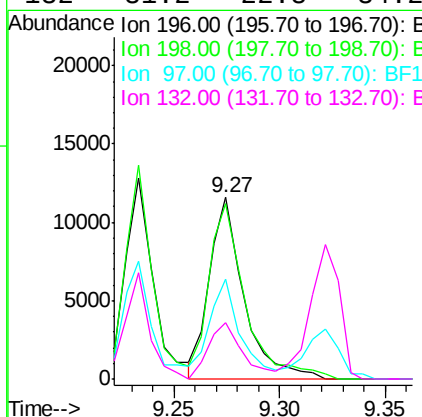
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#44
 2,4,5-Trichlorophenol
 Concen: 1.958 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion:	196	Resp:	13226
Ion Ratio	Lower	Upper	
196	100		
198	96.9	75.8	113.6
97	55.1	42.4	63.6
132	31.2	22.8	34.2





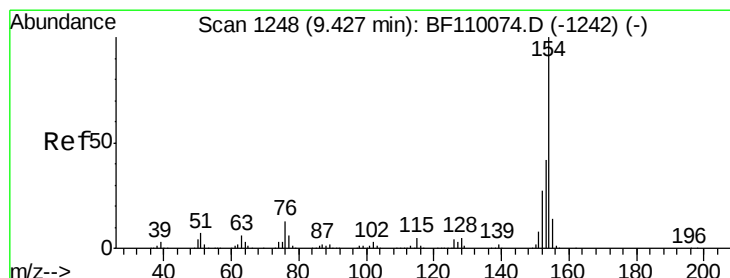
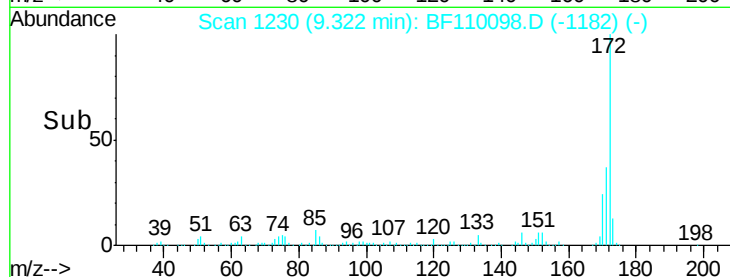
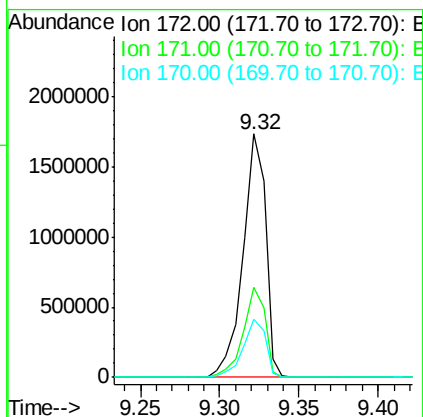
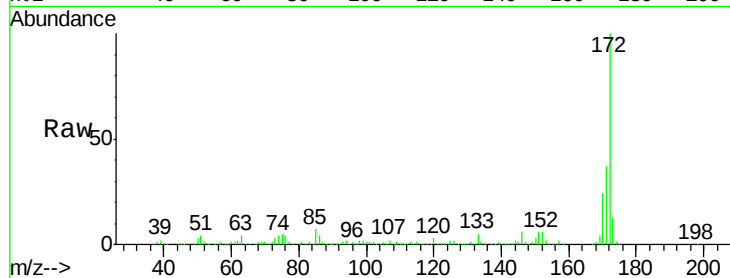
#45
2-Fluorobiphenyl
Concen: 84.972 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion:172 Resp: 1720504
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.8 19.7 29.5

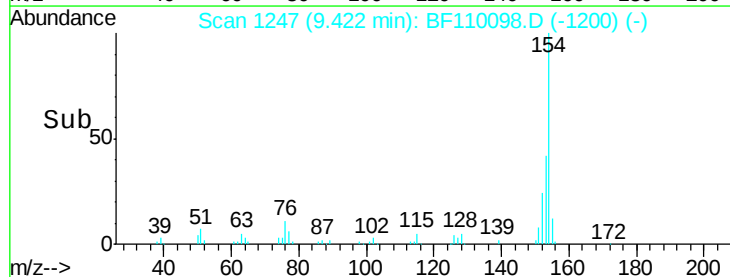
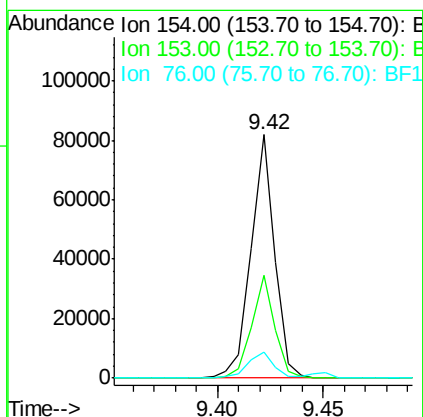
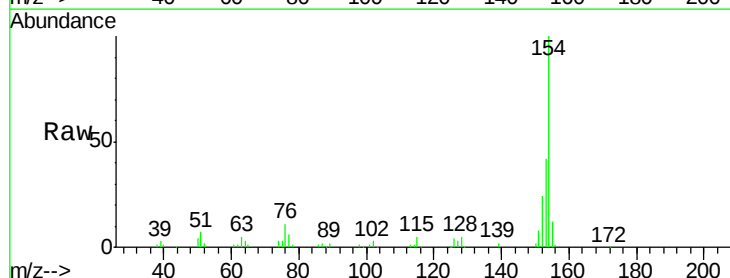
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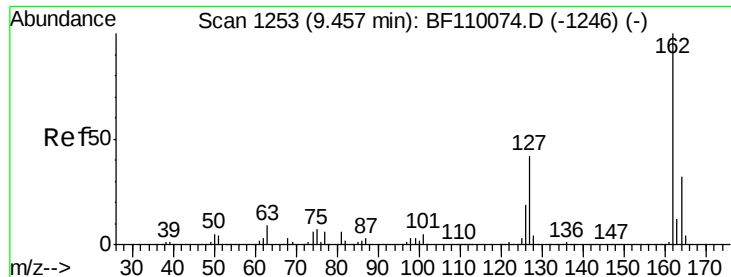
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#46
1,1'-Biphenyl
Concen: 2.225 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion:154 Resp: 63978
Ion Ratio Lower Upper
154 100
153 42.2 20.4 60.4
76 10.9 0.0 31.9





#47

2-Chloronaphthalene

Concen: 2.193 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

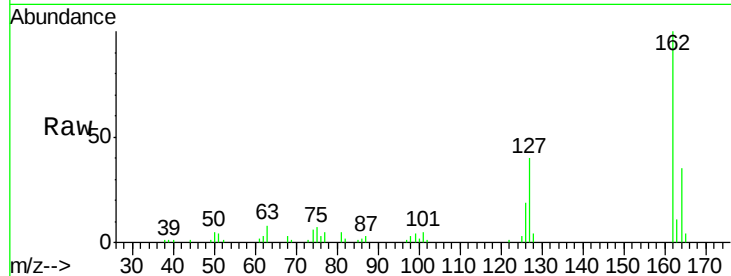
ClientSampleId :

MDL-WATER-03-QT4-2018

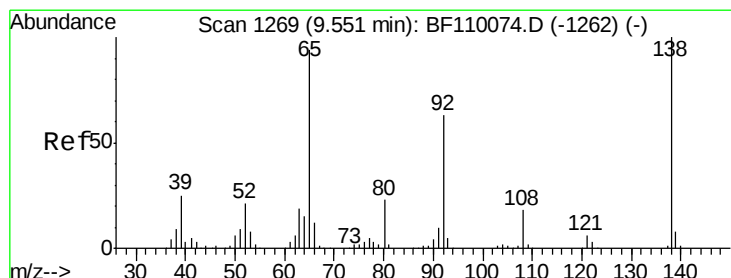
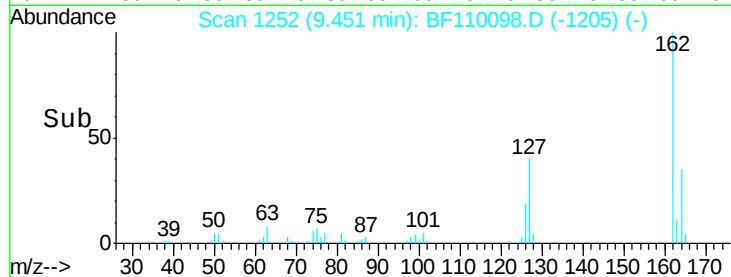
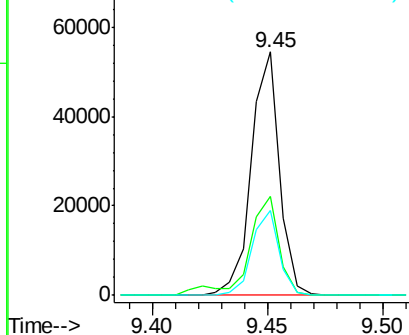
Tgt Ion:	162	Resp:	46259
Ion Ratio	Lower	Upper	
162	100		
127	40.5	32.6	48.8
164	34.8	25.9	38.9

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



#48

2-Nitroaniline

Concen: 1.927 ng

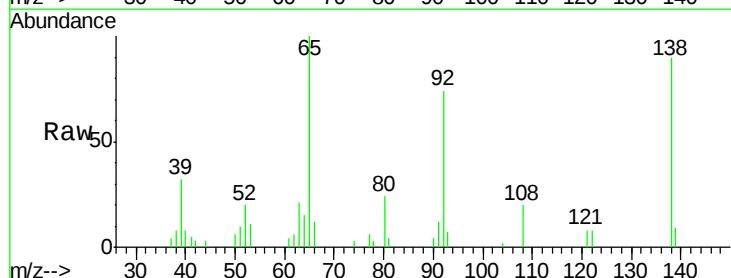
RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

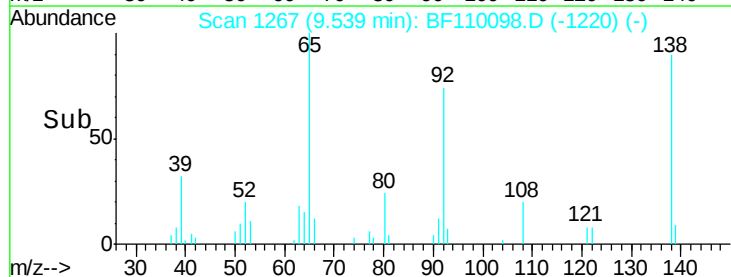
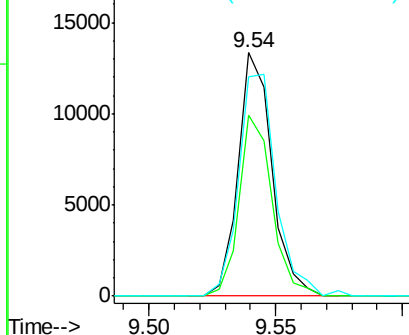
Lab File: BF110098.D

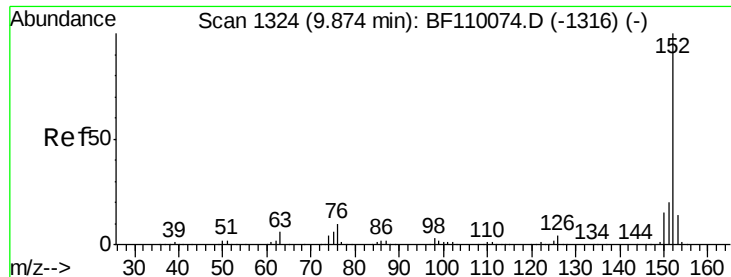
Acq: 24 Oct 2018 00:44

Tgt Ion:	65	Resp:	12316
Ion Ratio	Lower	Upper	
65	100		
92	74.2	54.6	81.8
138	89.8	80.3	120.5



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





#49

Acenaphthylene

Concen: 2.452 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

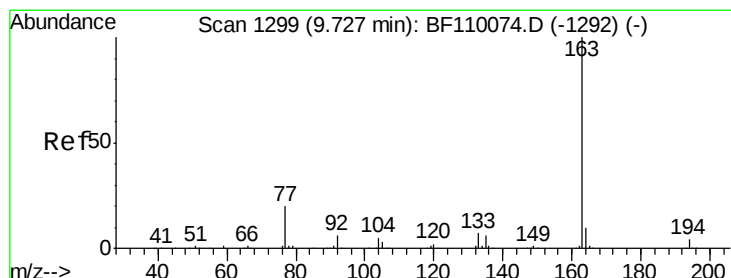
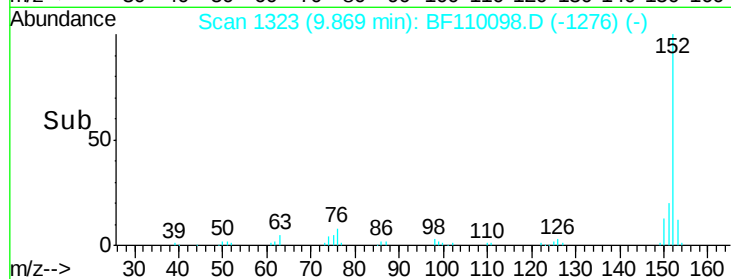
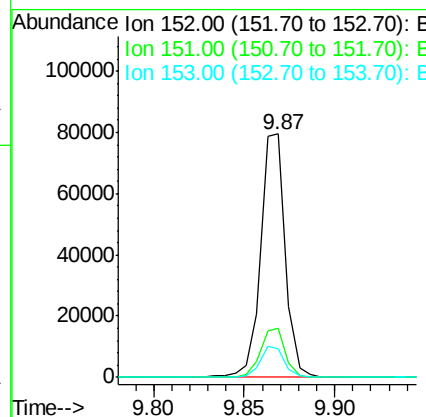
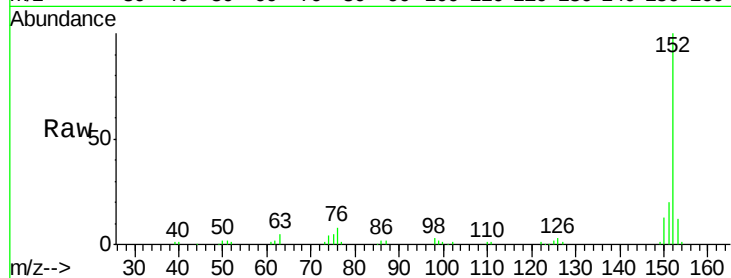
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	152	Resp:	74705
Ion Ratio	Lower	Upper	
152	100		
151	20.2	15.8	23.8
153	11.9	10.4	15.6

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#50

Dimethylphthalate

Concen: 2.289 ng

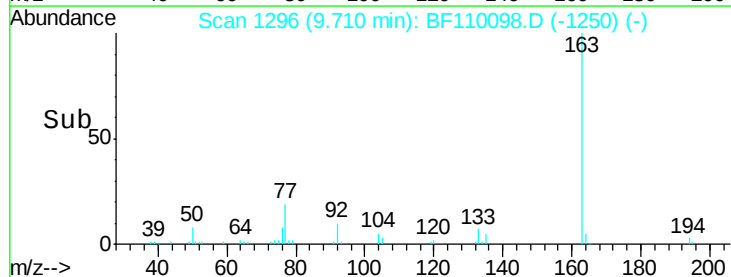
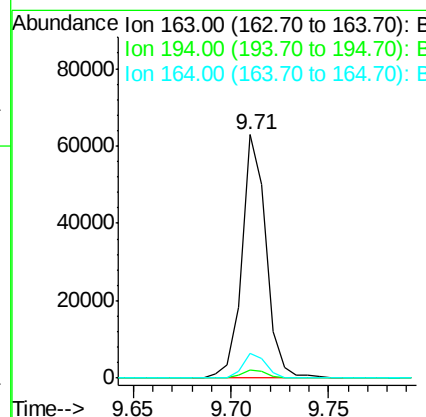
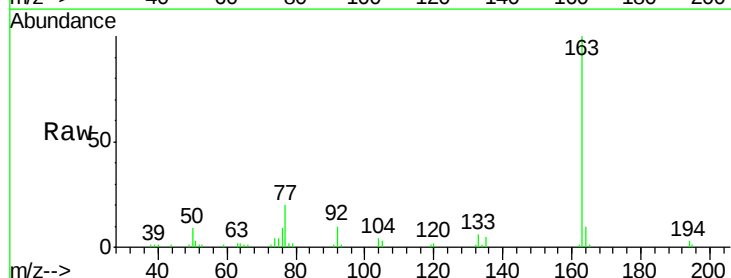
RT: 9.71 min Scan# 1296

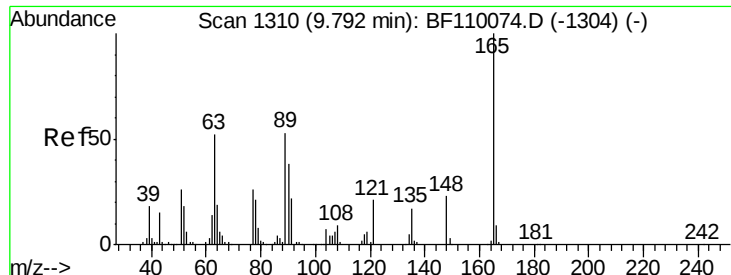
Delta R.T. -0.03 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	163	Resp:	53724
Ion Ratio	Lower	Upper	
163	100		
194	3.3	3.2	4.8
164	10.3	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 1.946 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

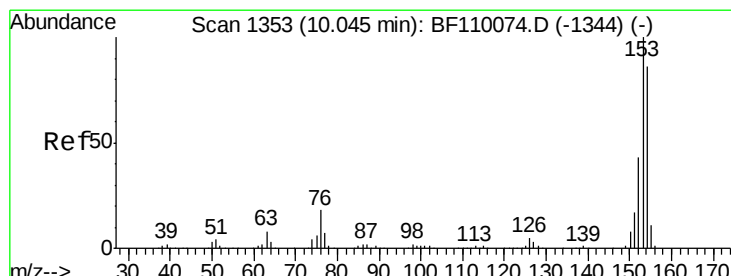
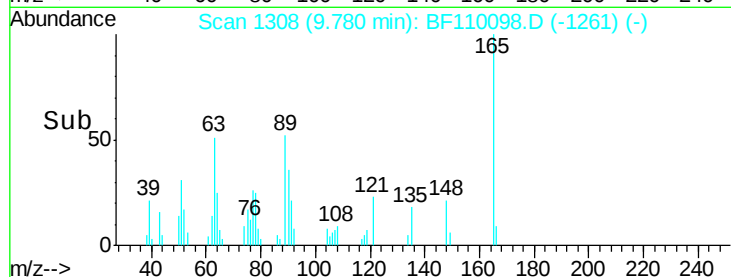
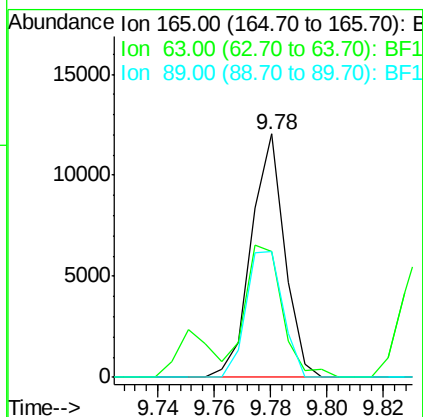
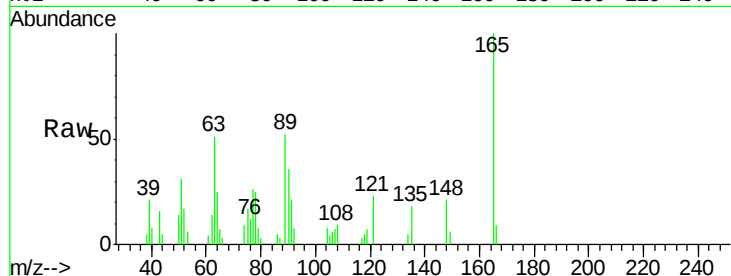
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	165	Resp:	9838
Ion Ratio	Lower	Upper	
165	100		
63	51.5	48.9	73.3
89	51.7	46.6	69.8

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#52

Acenaphthene

Concen: 2.267 ng

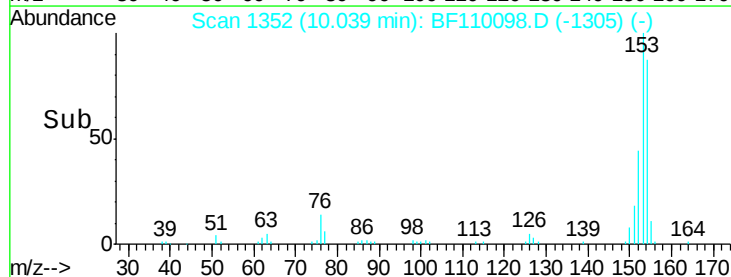
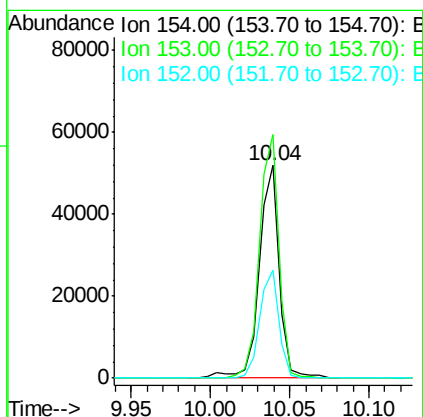
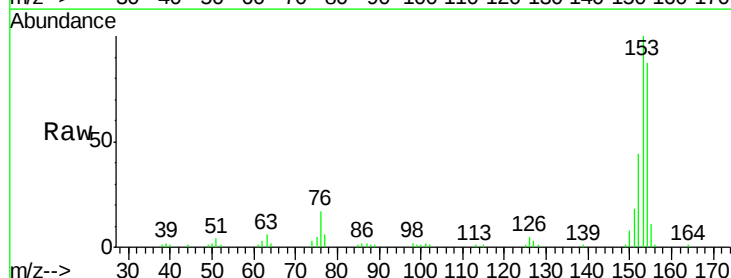
RT: 10.04 min Scan# 1352

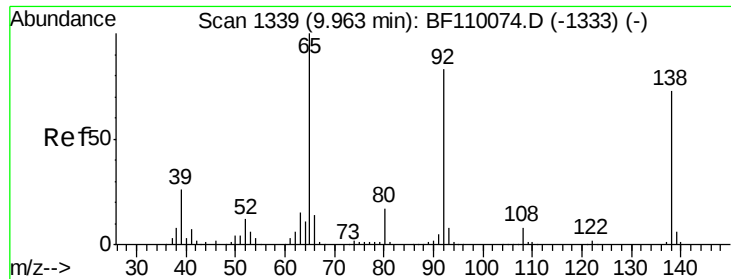
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	154	Resp:	45678
Ion Ratio	Lower	Upper	
154	100		
153	114.5	90.1	135.1
152	50.9	43.4	65.2





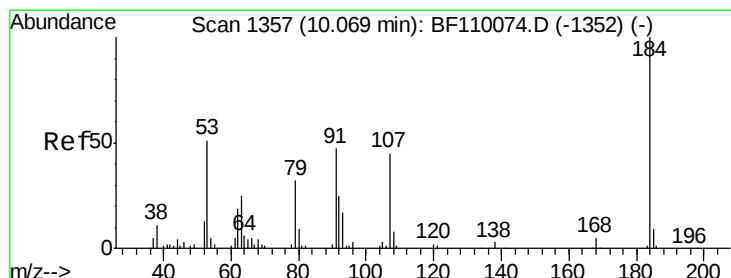
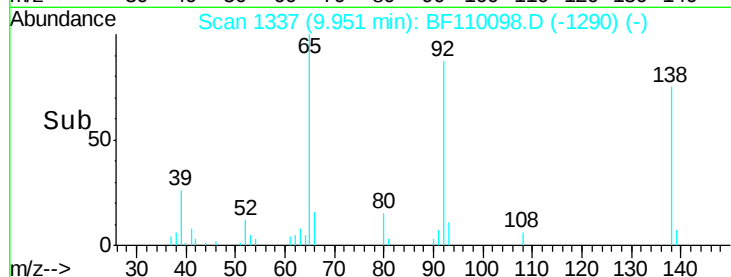
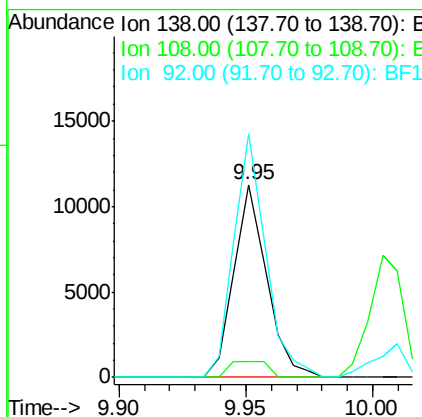
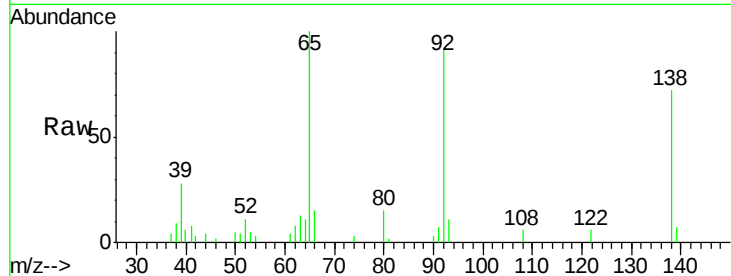
#53
3-Nitroaniline
Concen: 1.689 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
108	8.3	8.7	13.1#
92	126.4	97.0	145.4

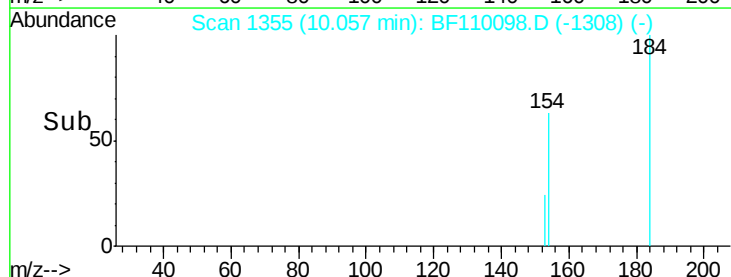
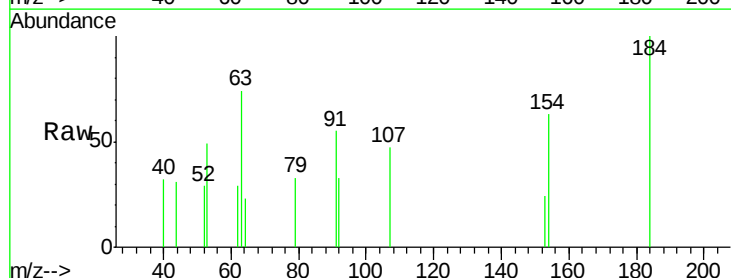
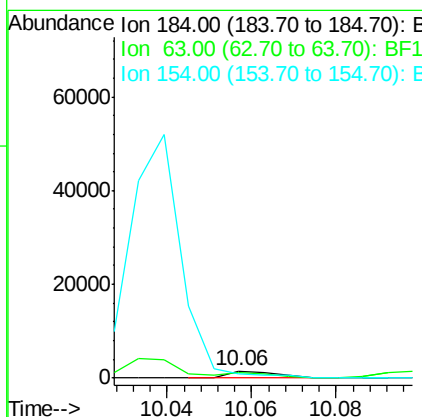
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#54
2,4-Dinitrophenol
Concen: 5.725 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.0	55.8	83.6
154	62.8	63.2	94.8#





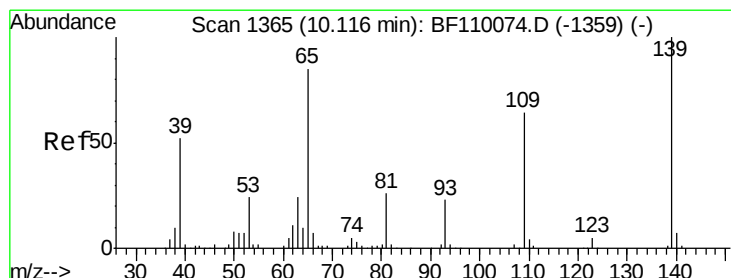
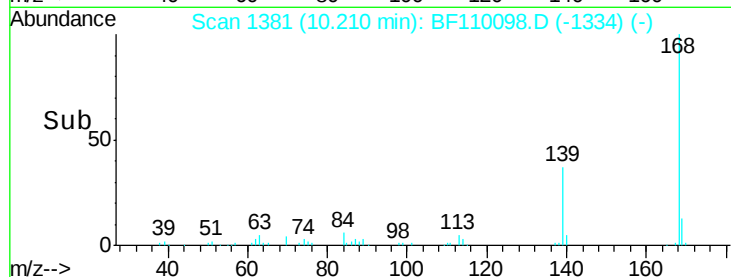
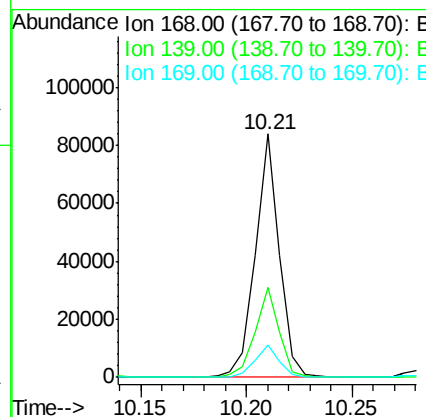
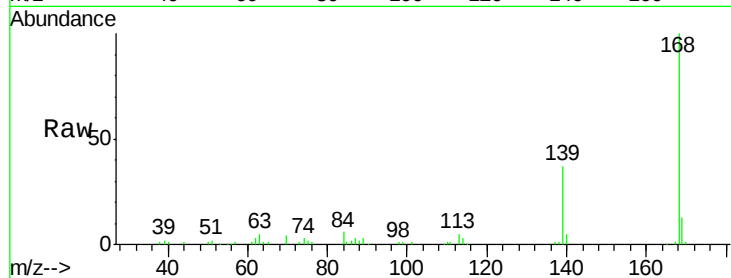
#55
Dibenzenofuran
Concen: 2.348 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
168	100		
139	36.9	33.0	49.6
169	13.4	11.3	16.9

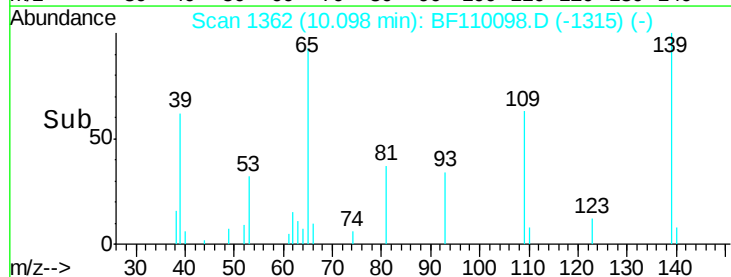
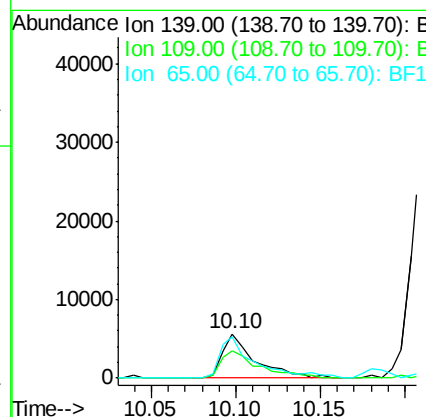
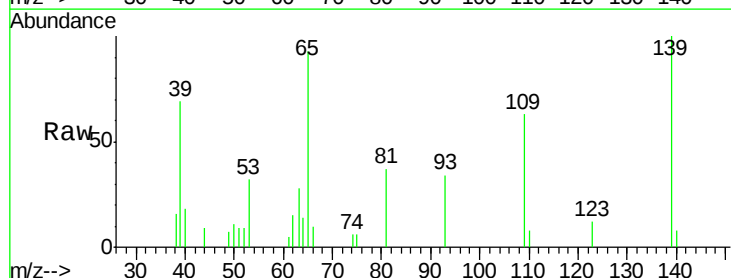
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#56
4-Nitrophenol
Concen: 1.693 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	63.3	55.8	95.8
65	93.2	77.9	117.9





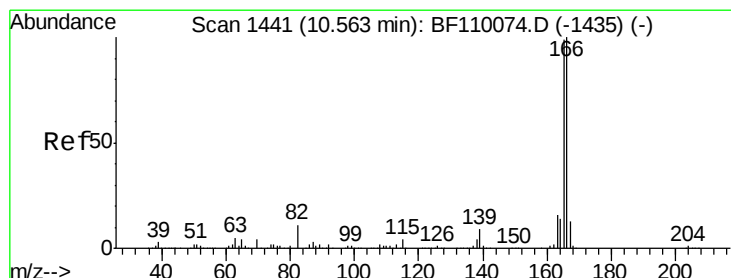
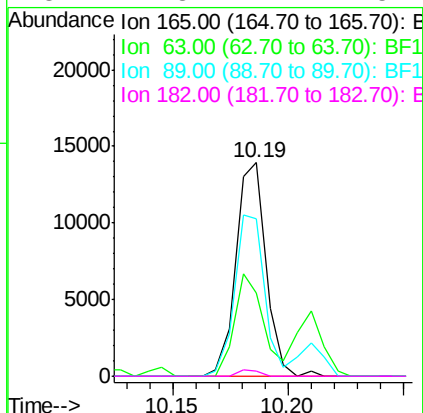
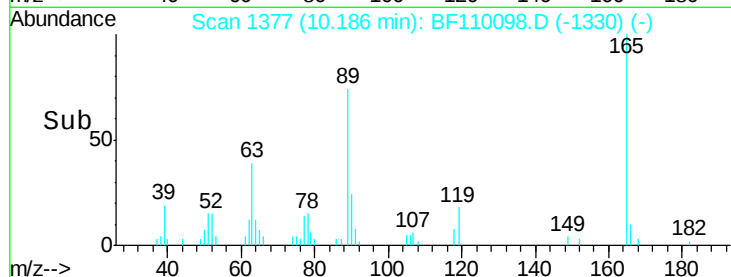
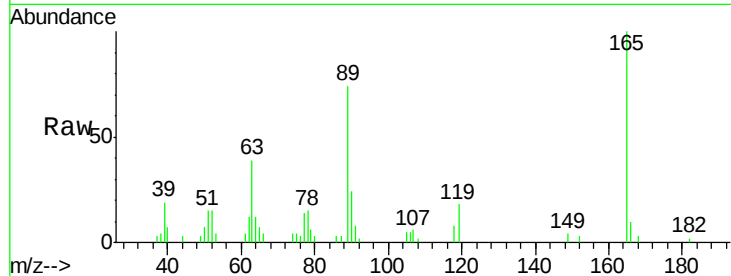
#57
2,4-Dinitrotoluene
Concen: 1.981 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	12722		
63	38.8	44.8	67.2	#
89	73.7	62.2	93.4	
182	2.3	2.1	3.1	

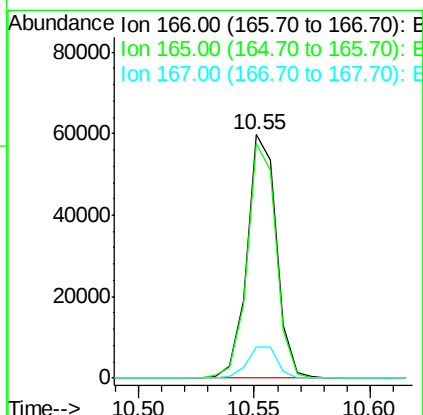
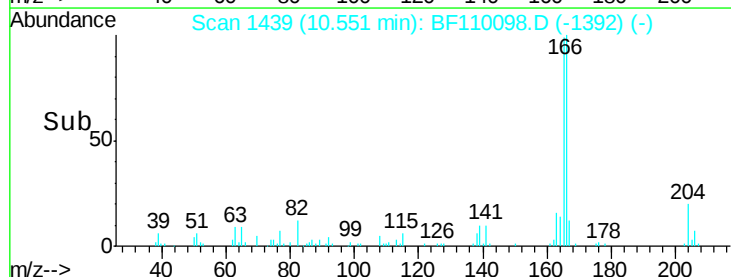
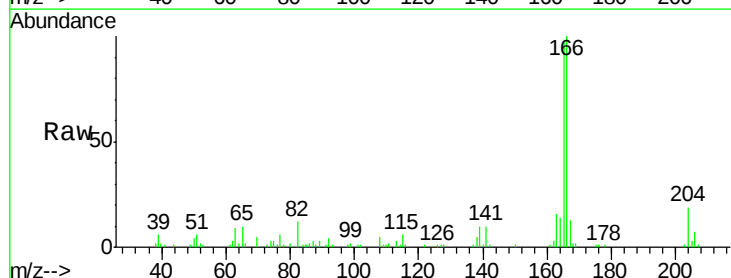
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#58
Fluorene
Concen: 2.533 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	53185		
165	96.6	78.6	117.8	
167	12.6	10.8	16.2	





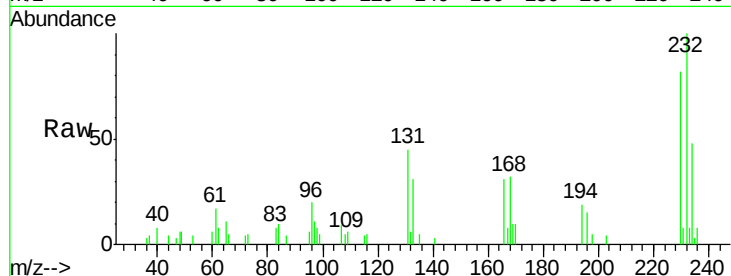
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 1.929 ng
 RT: 10.33 min Scan# 1401
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

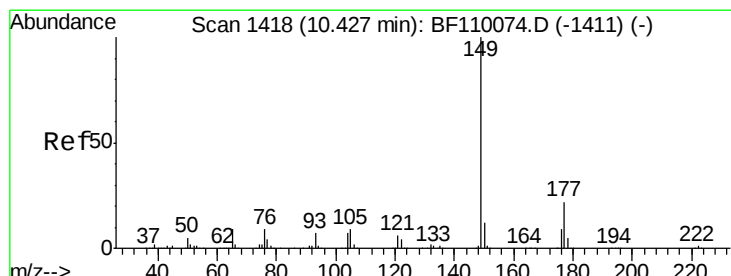
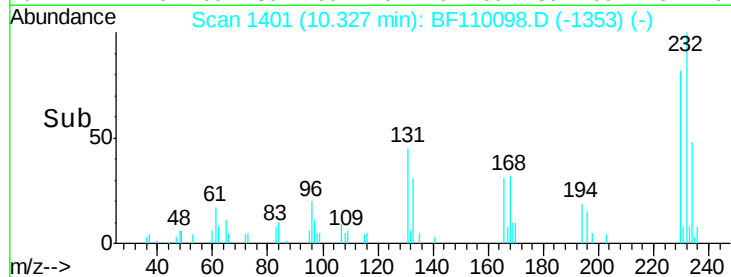
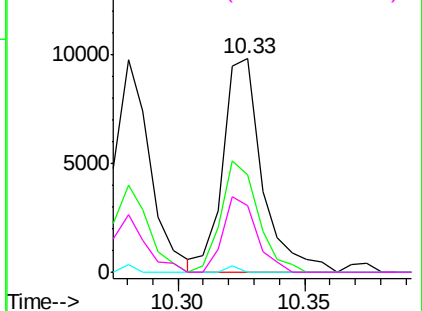
Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.8	37.0	55.4
130	1.1	1.8	2.6
166	30.2	22.0	33.0

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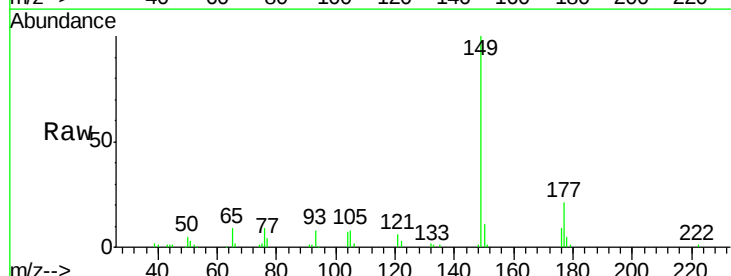


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

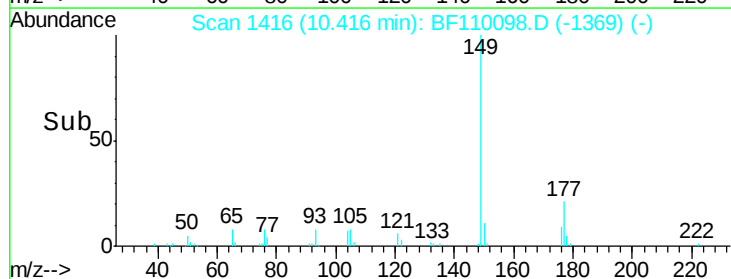
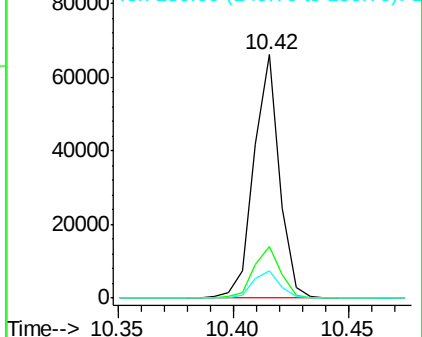


#60
 Diethylphthalate
 Concen: 2.235 ng
 RT: 10.42 min Scan# 1416
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.4	26.2
150	11.4	9.8	14.8



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





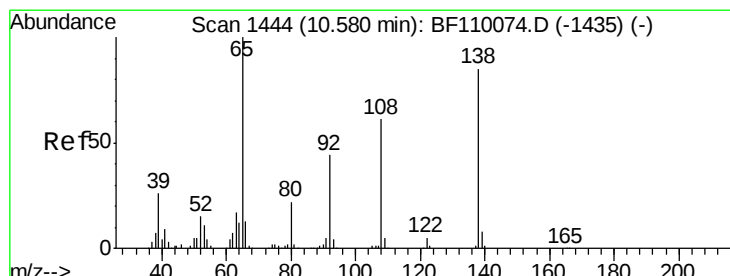
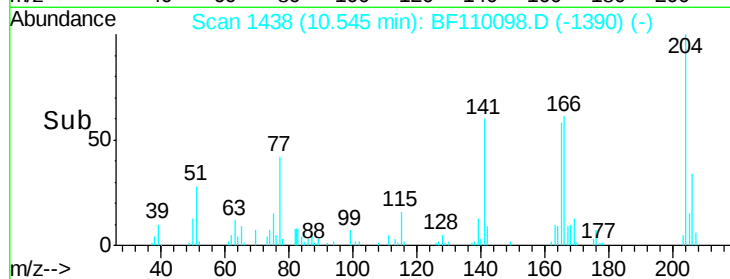
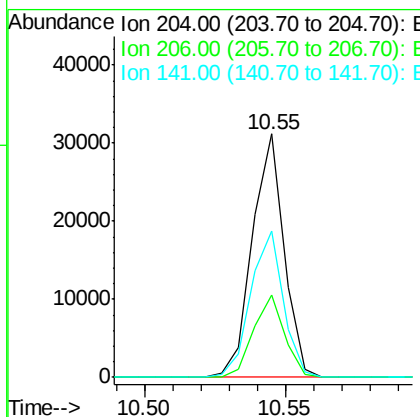
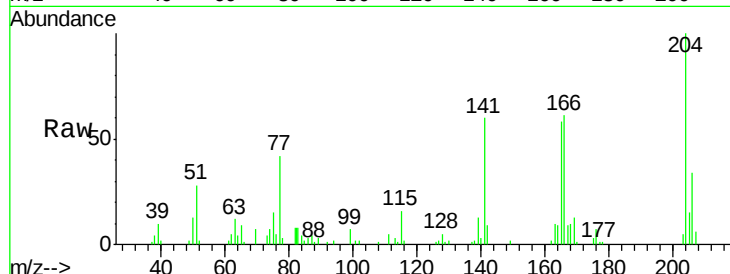
#61
 4-Chlorophenyl-phenylether
 Concen: 2.202 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.0	26.5	39.7
141	59.9	51.8	77.8

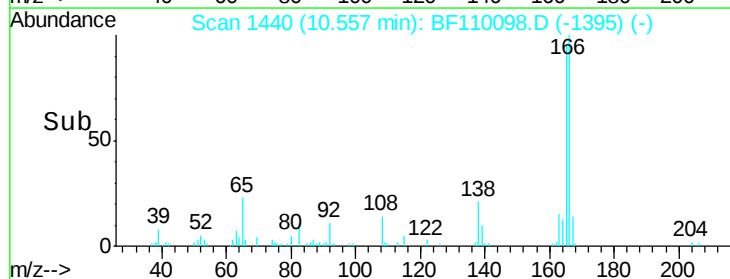
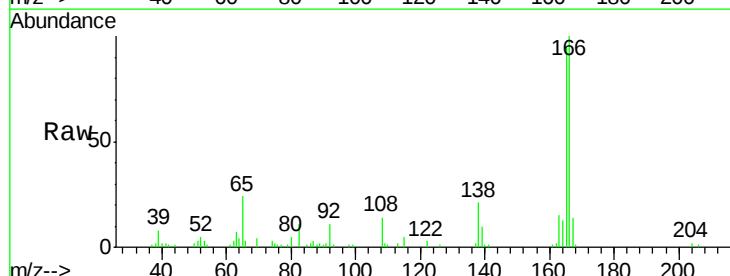
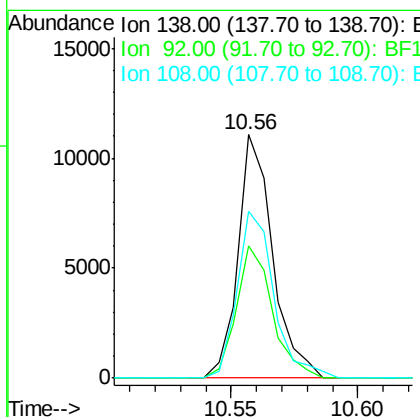
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#62
 4-Nitroaniline
 Concen: 1.756 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.04 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.5	31.7	71.7
108	68.5	59.3	99.3





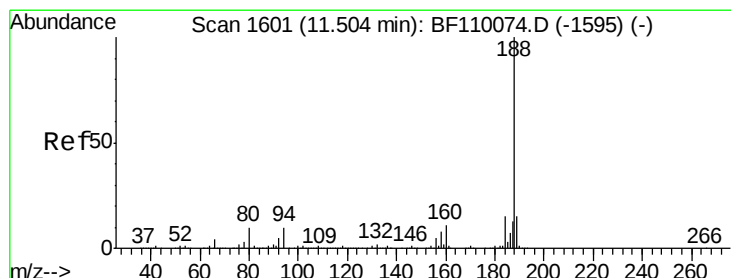
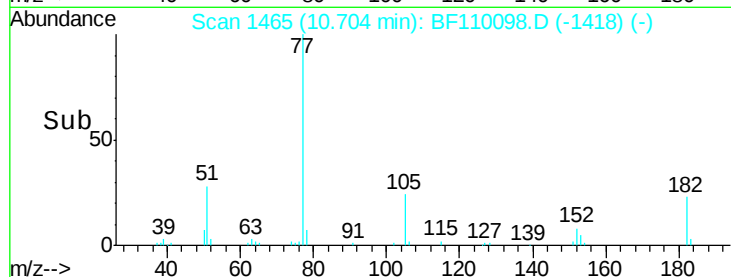
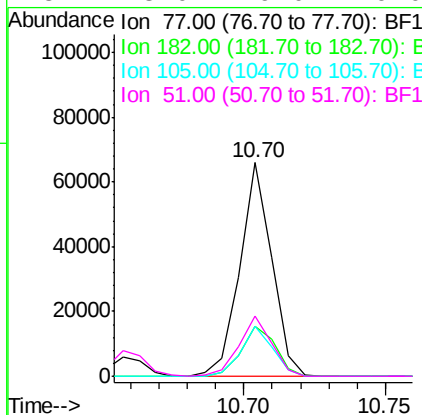
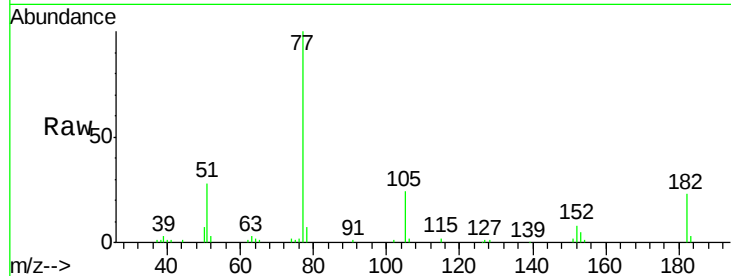
#63
Azobenzene
Concen: 2.282 ng
RT: 10.70 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	51901		
182	23.4	4.3	44.3	
105	23.6	1.3	41.3	
51	28.0	9.0	49.0	

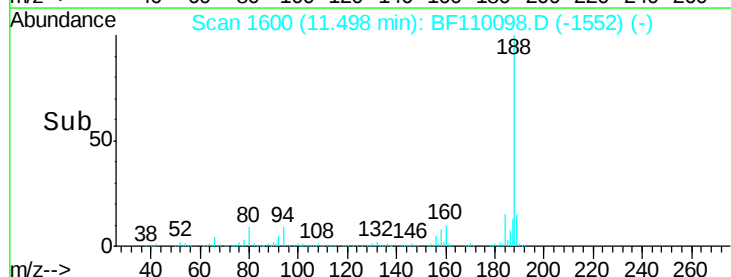
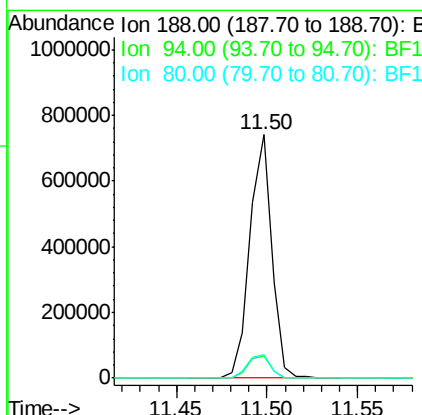
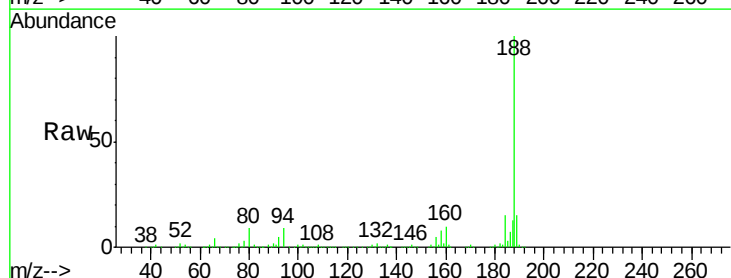
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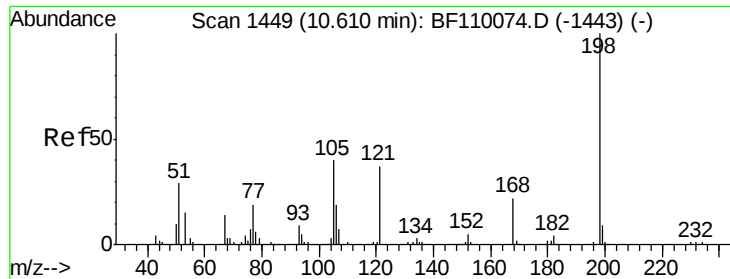
Sohil
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	623391		
94	9.3	7.2	10.8	
80	9.4	7.9	11.9	





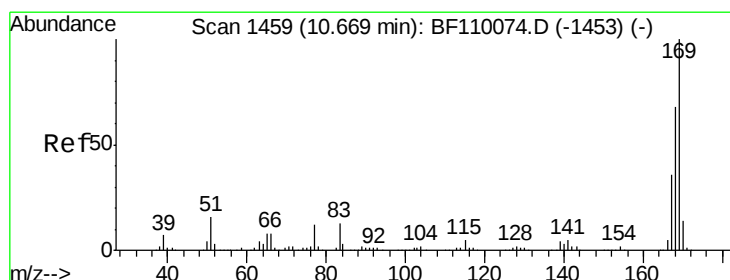
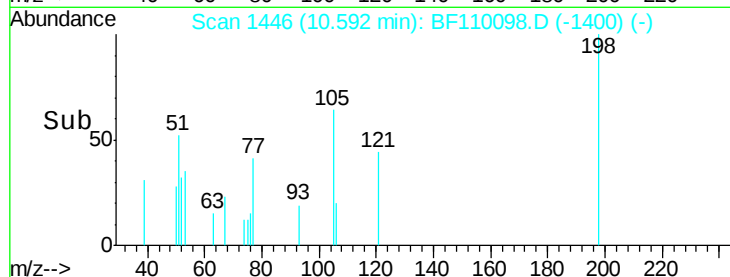
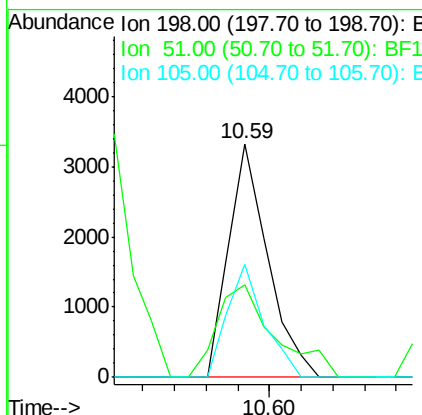
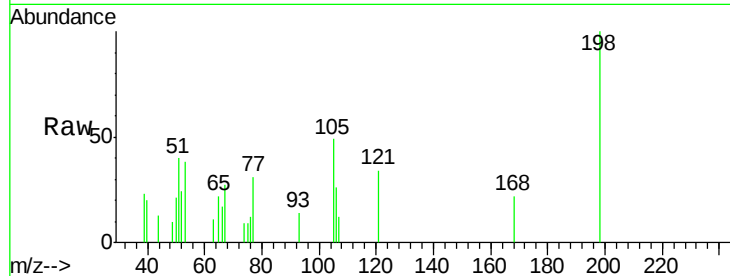
#65
 4,6-Dinitro-2-methylphenol
 Concen: 0.995 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.03 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	2833		
51	39.7		22.8	62.8
105	48.5		23.6	63.6

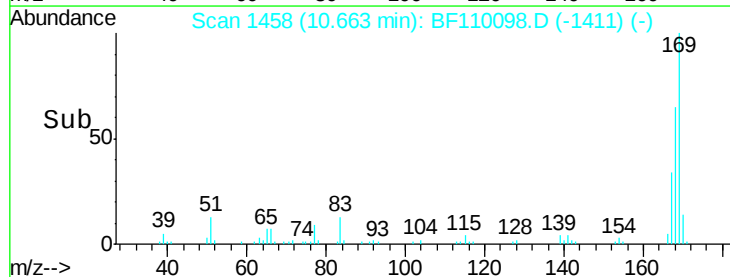
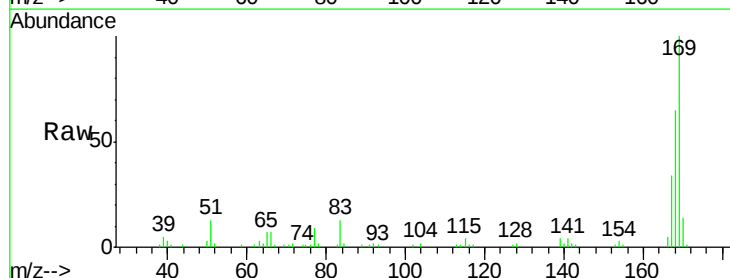
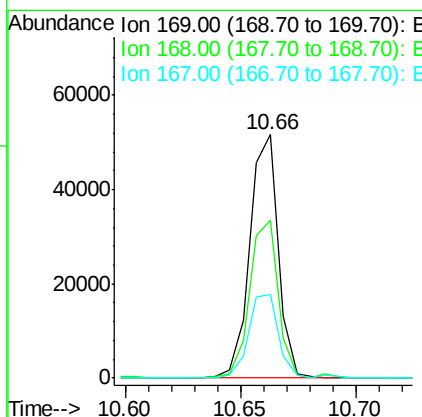
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#66
 n-Nitrosodiphenylamine
 Concen: 2.176 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	44489		
168	64.9		51.2	76.8
167	34.3		27.8	41.6





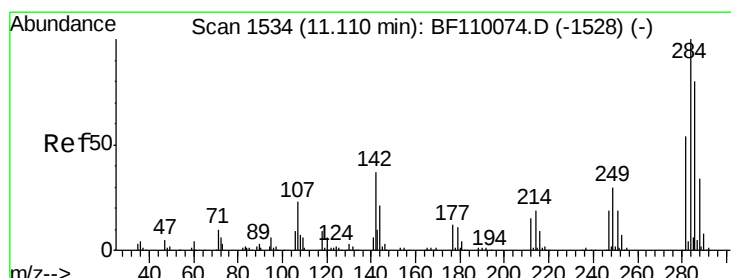
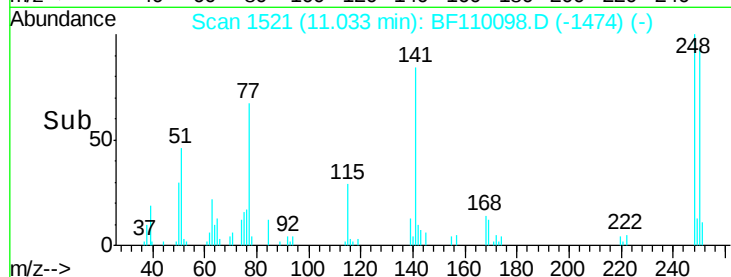
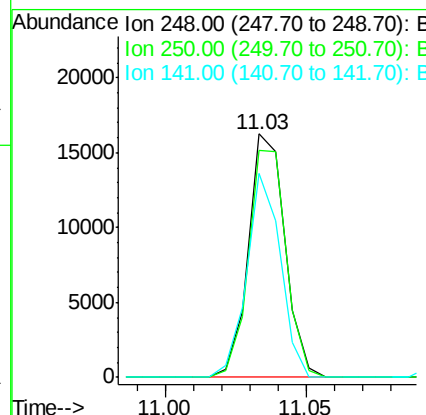
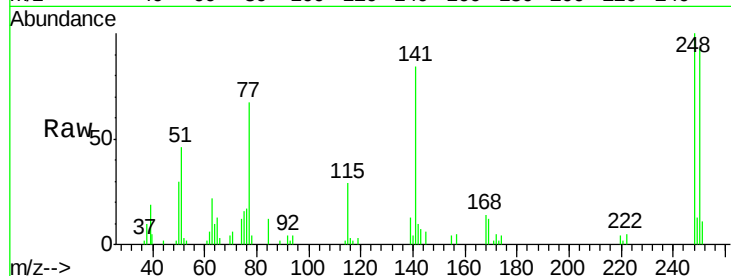
#67
 4-Bromophenyl-phenylether
 Concen: 2.157 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.3	79.4	119.2
141	83.8	55.9	83.9

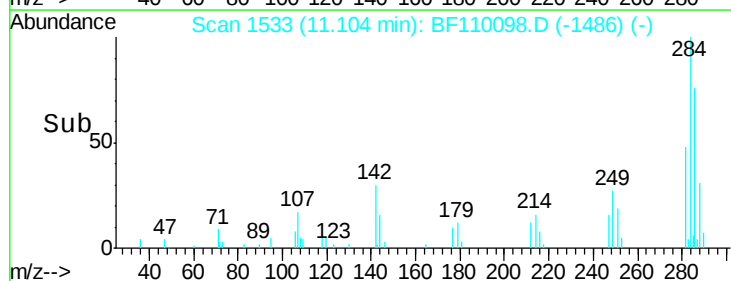
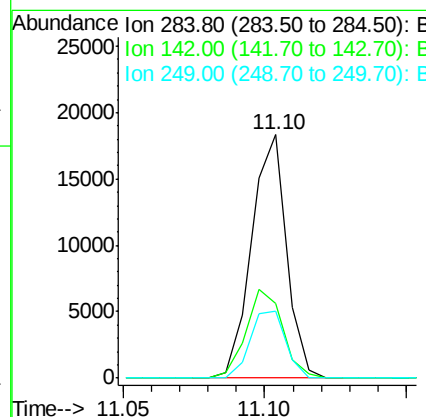
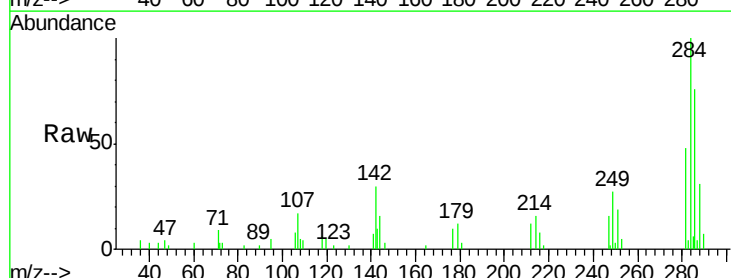
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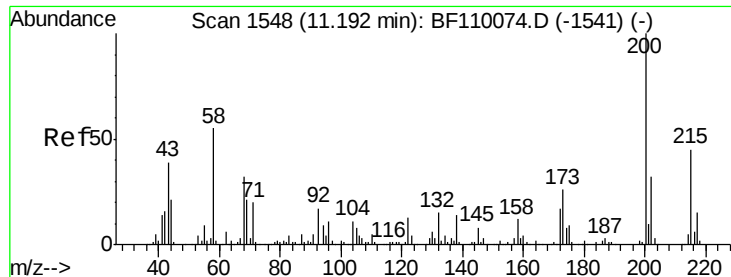
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#68
 Hexachlorobenzene
 Concen: 2.193 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	23.9	35.9
249	27.5	24.2	36.2





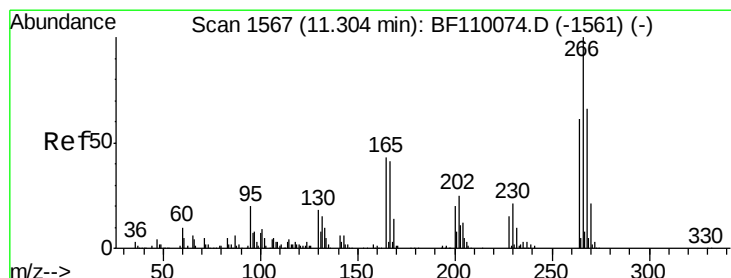
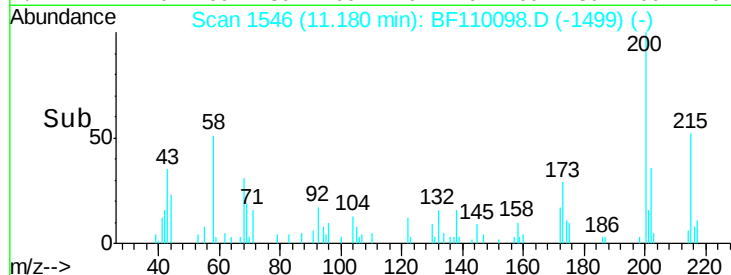
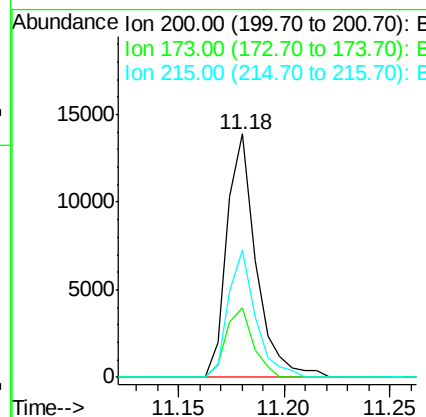
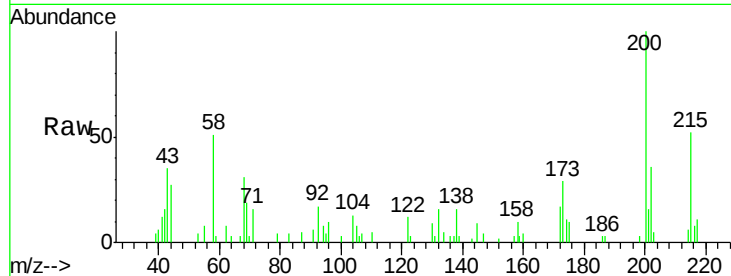
#69
 Atrazine
 Concen: 2.067 ng
 RT: 11.18 min Scan# 1546
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.6	6.6	46.6
215	52.0	26.3	66.3

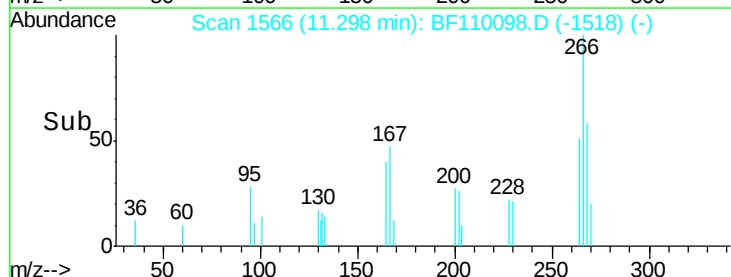
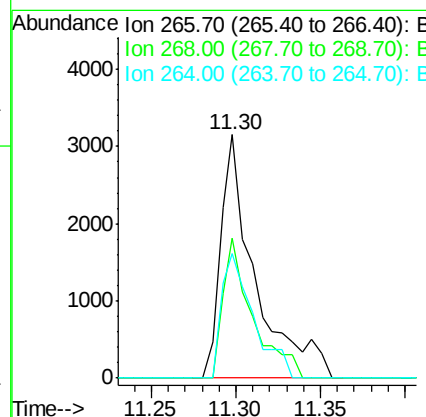
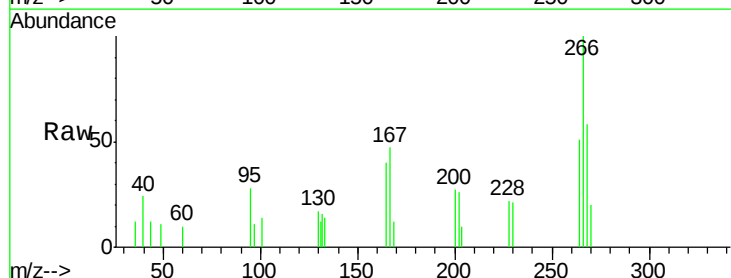
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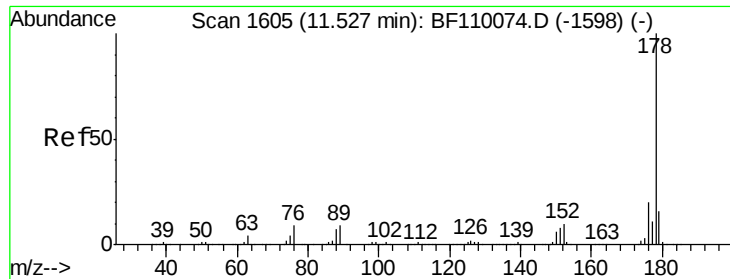
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#70
 Pentachlorophenol
 Concen: 1.073 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	57.5	50.6	75.8
264	51.0	50.6	75.8





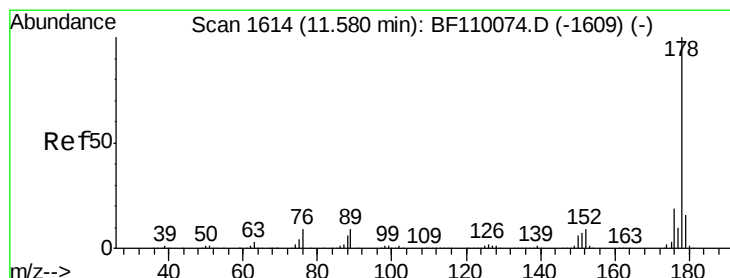
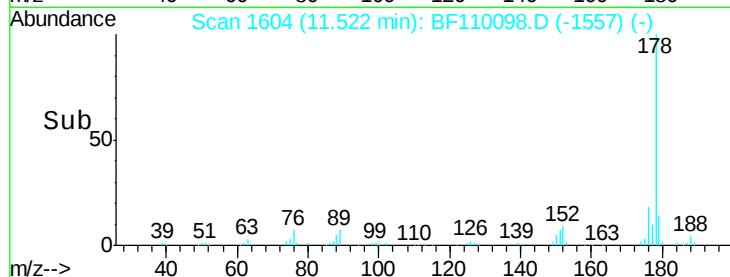
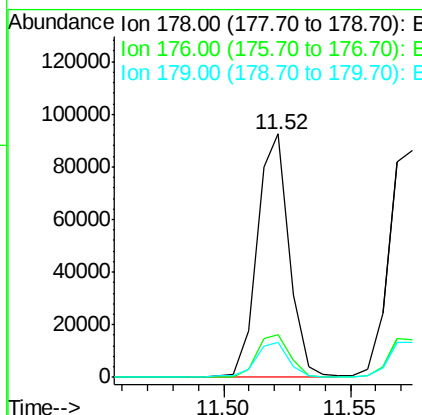
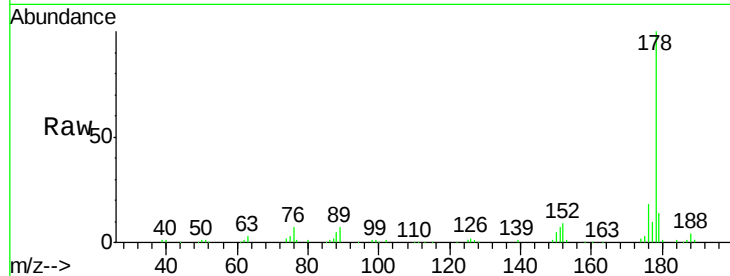
#71
 Phenanthrene
 Concen: 2.476 ng
 RT: 11.52 min Scan# 1604
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.5	23.3
179	14.2	12.5	18.7

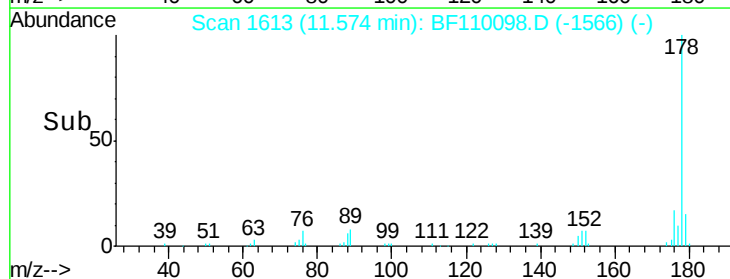
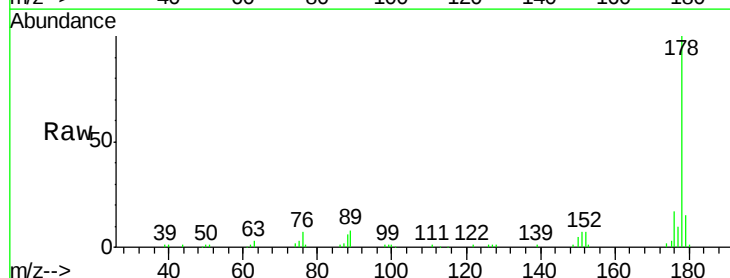
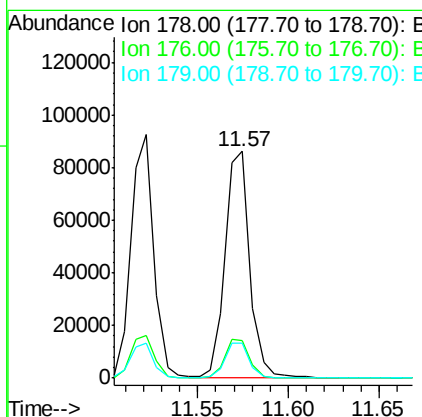
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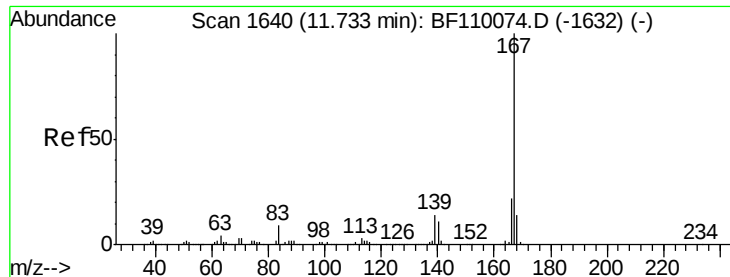
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#72
 Anthracene
 Concen: 2.517 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
178	100		
176	16.8	15.4	23.2
179	15.4	12.6	18.8





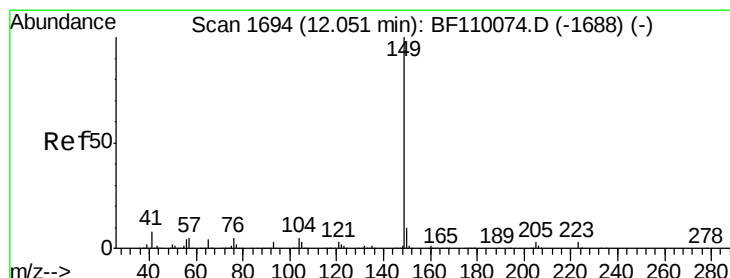
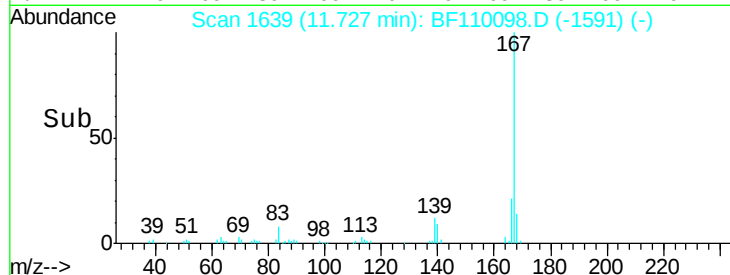
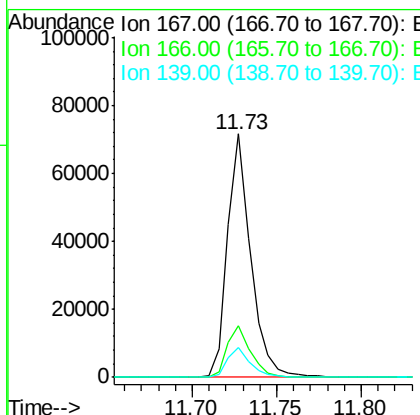
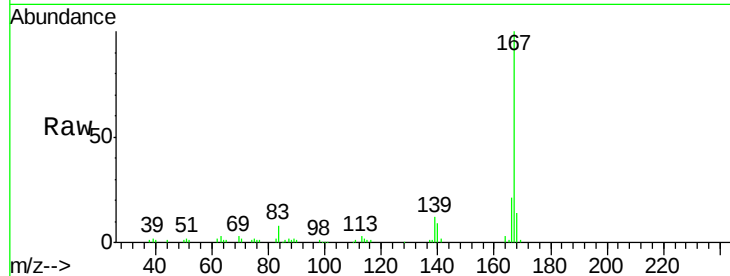
#73
 Carbazole
 Concen: 2.147 ng
 RT: 11.73 min Scan# 1639
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.4	26.0
139	12.3	10.9	16.3

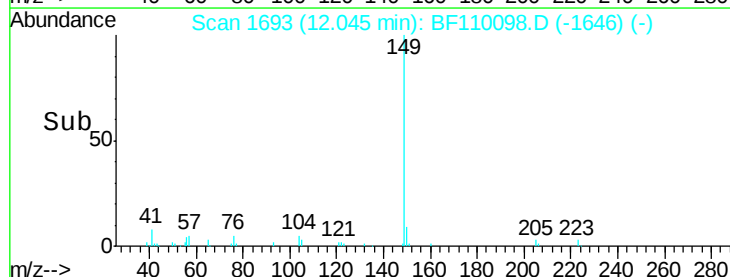
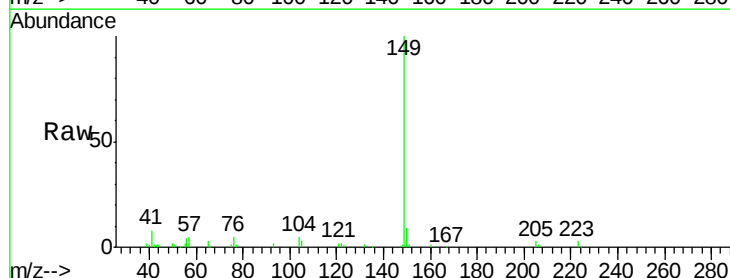
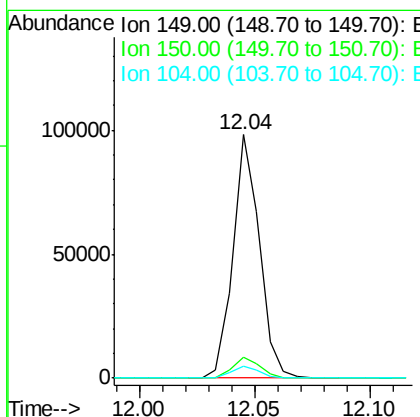
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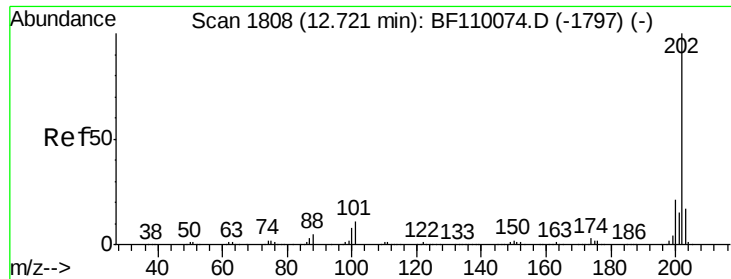
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#74
 Di-n-butylphthalate
 Concen: 2.171 ng
 RT: 12.04 min Scan# 1693
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.7	7.7	11.5
104	4.9	4.2	6.4





#75

Fluoranthene

Concen: 2.378 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

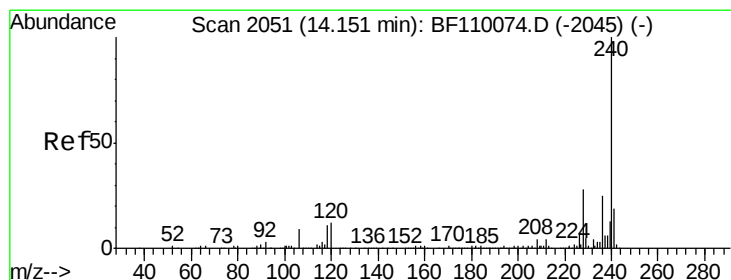
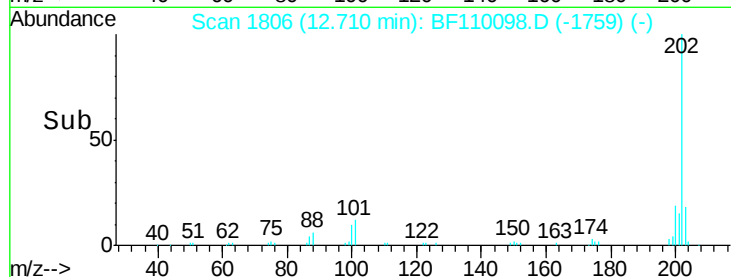
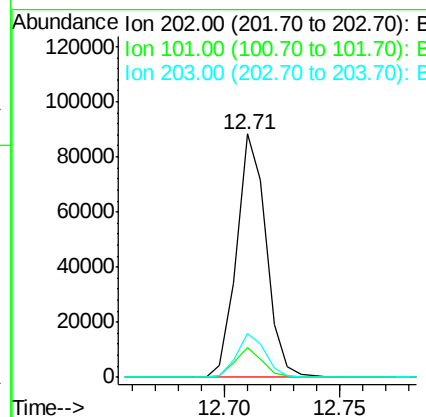
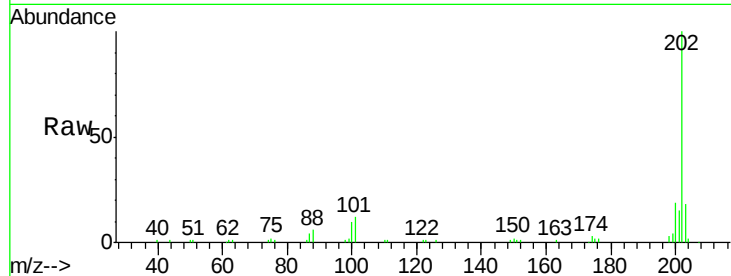
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	202	Resp:	78737
Ion Ratio	Lower	Upper	
202	100		
101	12.2	0.0	31.4
203	18.1	0.0	37.7

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#76

Chrysene-d12

Concen: 20.000 ng

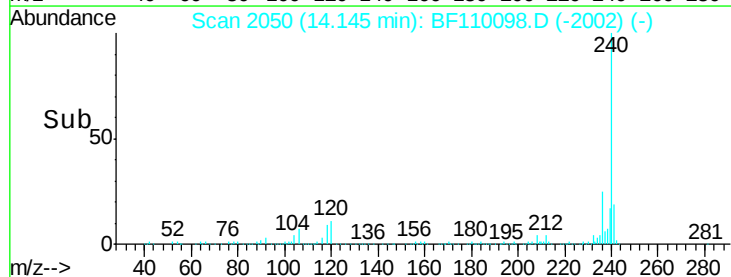
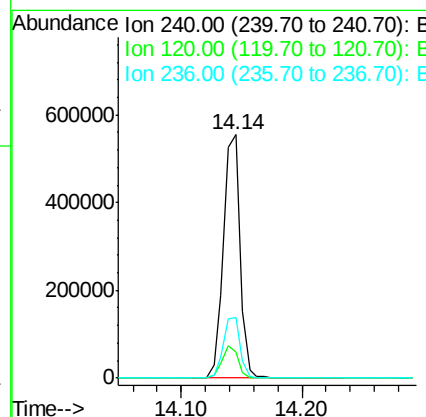
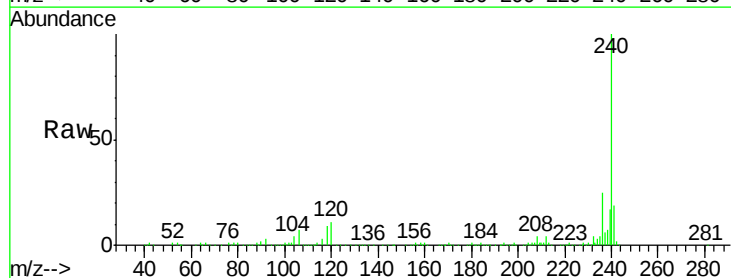
RT: 14.14 min Scan# 2050

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	240	Resp:	523704
Ion Ratio	Lower	Upper	
240	100		
120	10.5	8.3	12.5
236	24.8	21.2	31.8





#77

Benzidine

Concen: 0.669 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

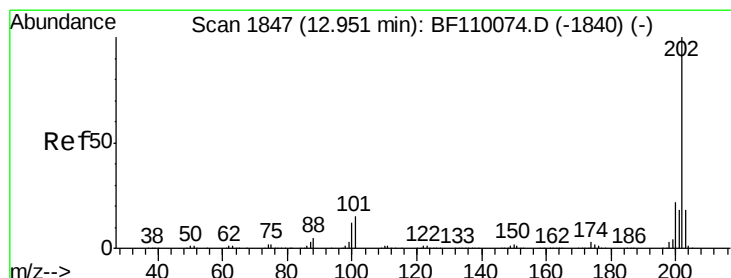
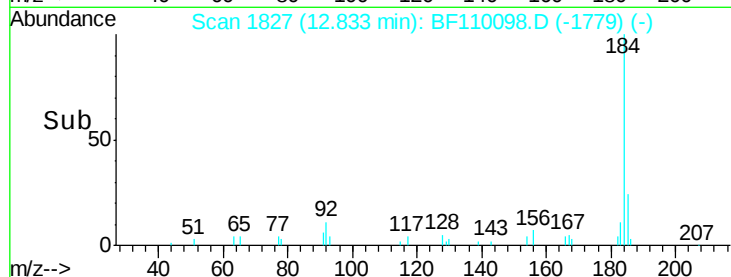
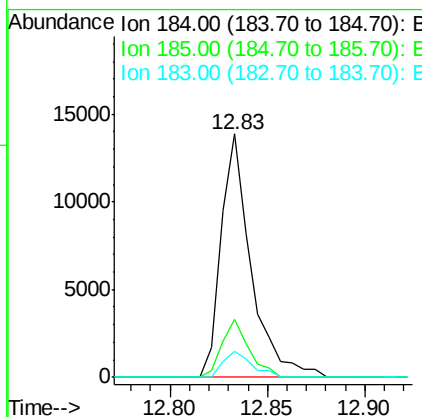
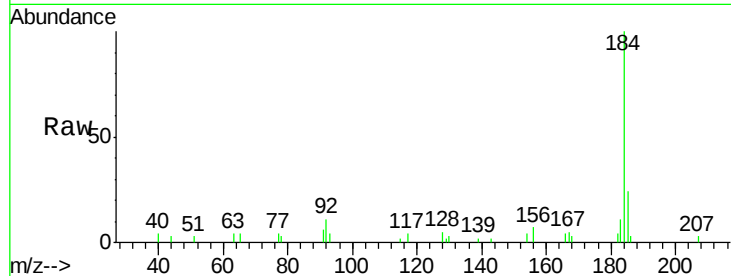
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
184	100		
185	23.9	13.4	20.2
183	10.7	9.4	14.2

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#78

Pyrene

Concen: 2.173 ng

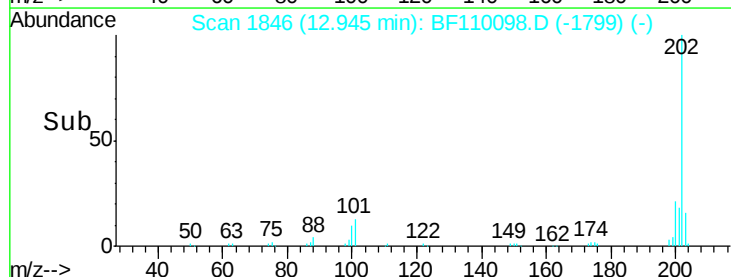
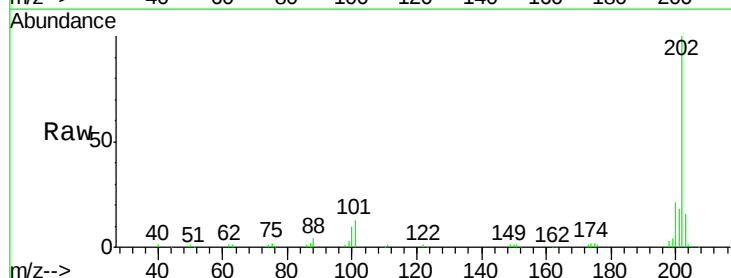
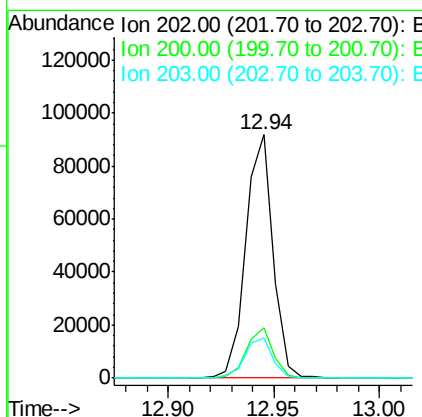
RT: 12.94 min Scan# 1846

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.8	26.6
203	16.5	14.2	21.4





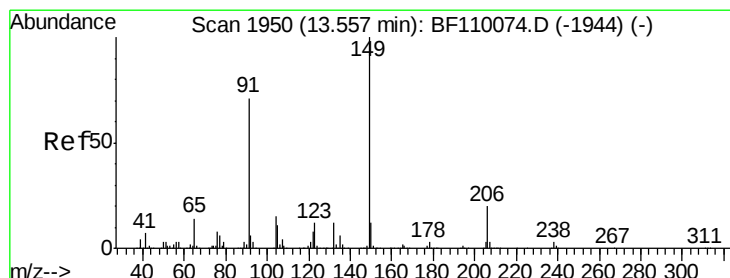
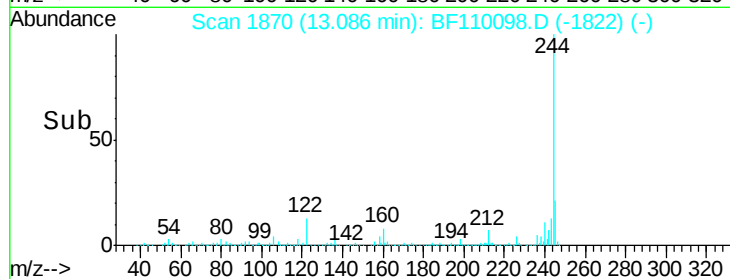
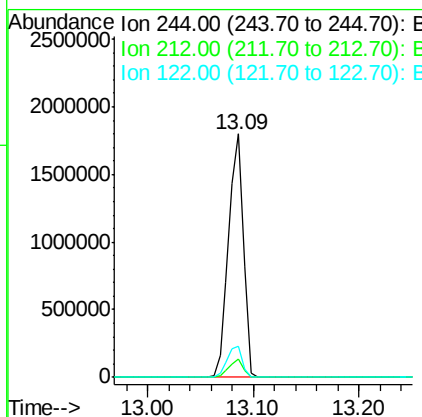
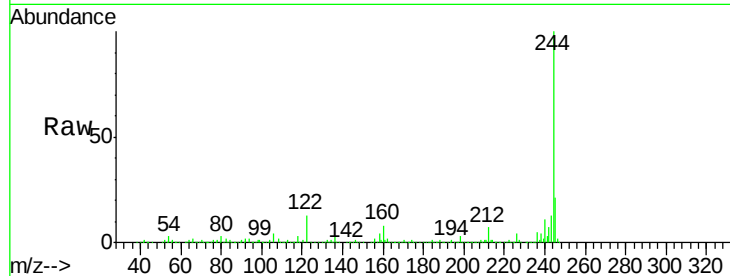
#79
 Terphenyl-d14
 Concen: 69.951 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	12.7	8.7	13.1

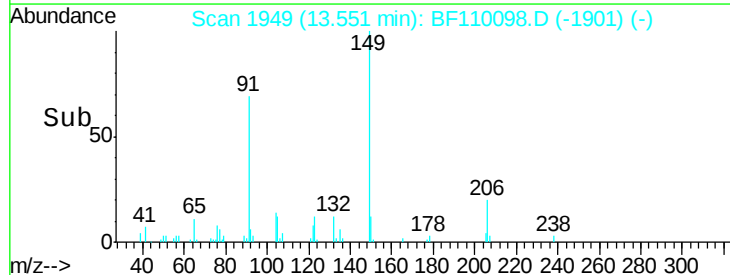
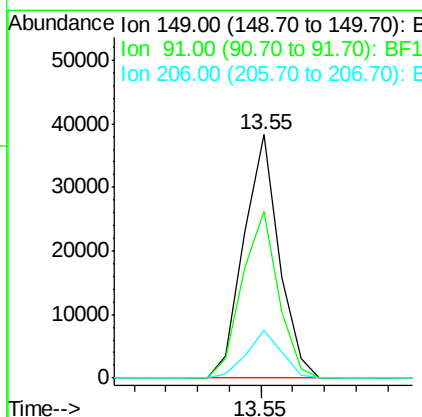
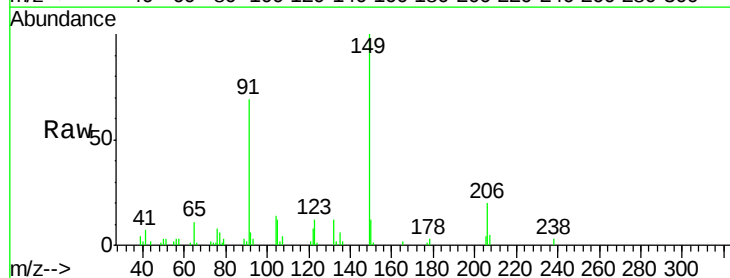
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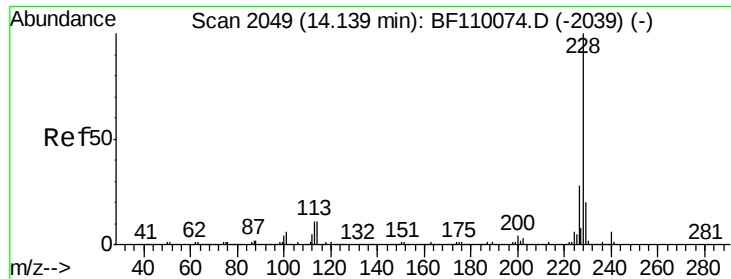
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#80
 Butylbenzylphthalate
 Concen: 1.812 ng
 RT: 13.55 min Scan# 1949
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.7	57.2	85.8
206	19.5	15.7	23.5





#81

Benzo(a)anthracene

Concen: 2.320 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Instrument :

BNA_F

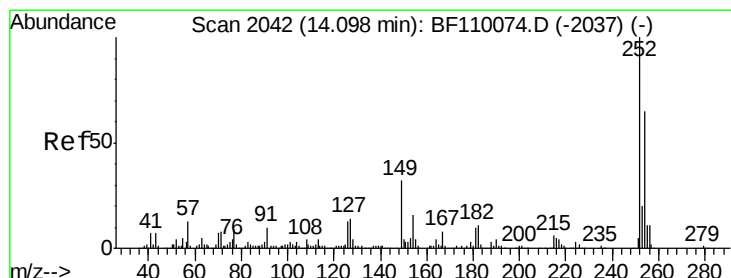
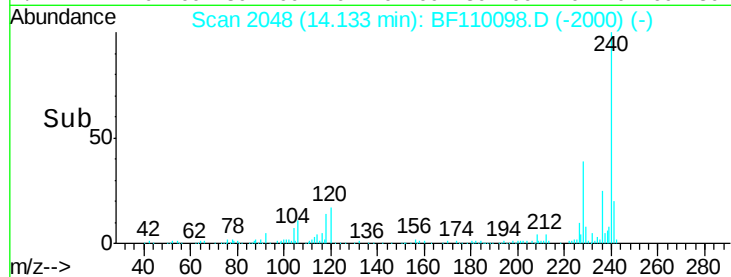
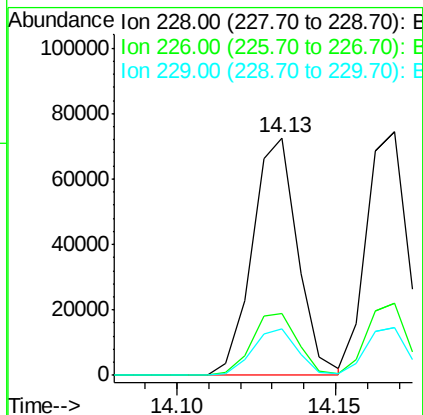
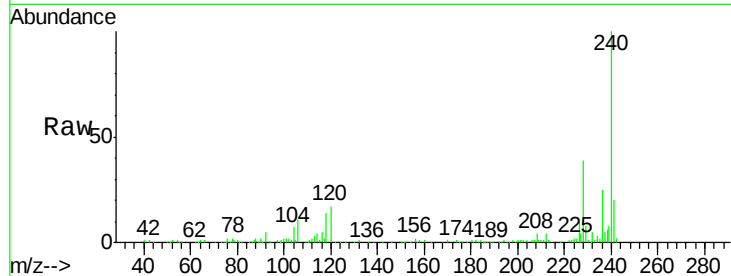
ClientSampleId :

MDL-WATER-03-QT4-2018

Tgt Ion:	228	Resp:	72047
Ion Ratio	Lower	Upper	
228	100		
226	26.2	22.1	33.1
229	19.4	15.6	23.4

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#82

3,3'-Dichlorobenzidine

Concen: 1.373 ng

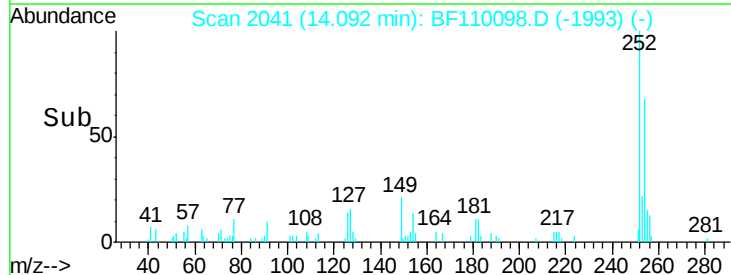
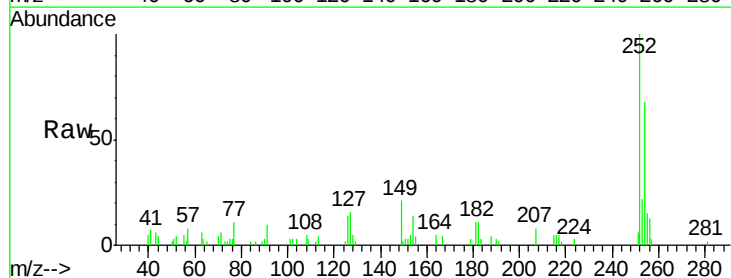
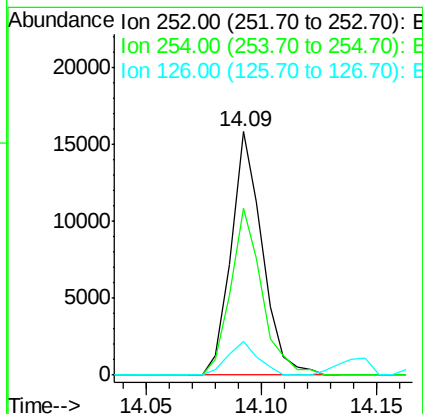
RT: 14.09 min Scan# 2041

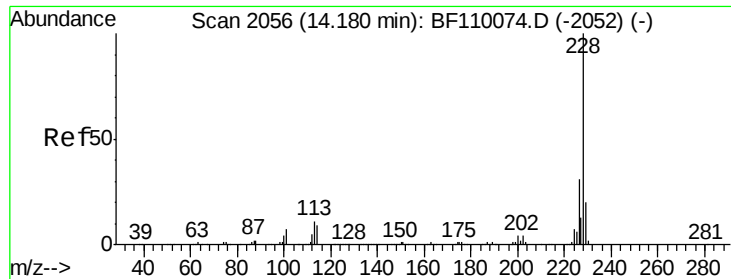
Delta R.T. -0.02 min

Lab File: BF110098.D

Acq: 24 Oct 2018 00:44

Tgt Ion:	252	Resp:	14851
Ion Ratio	Lower	Upper	
252	100		
254	68.4	51.3	76.9
126	13.6	9.4	14.2





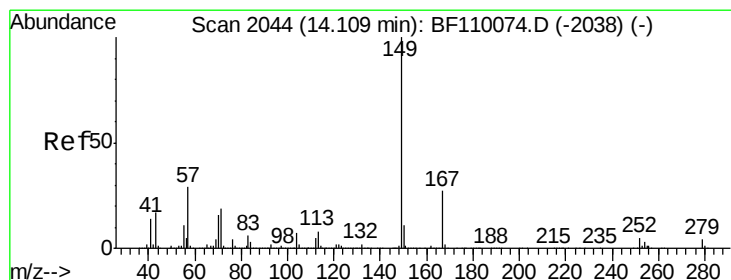
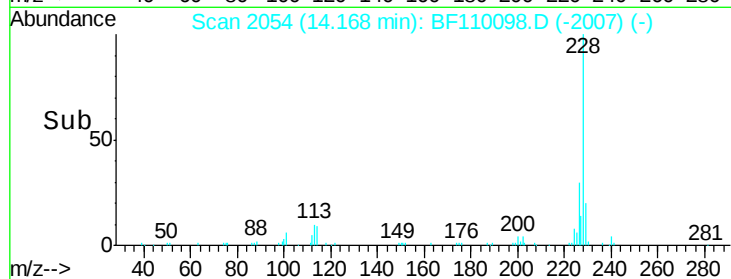
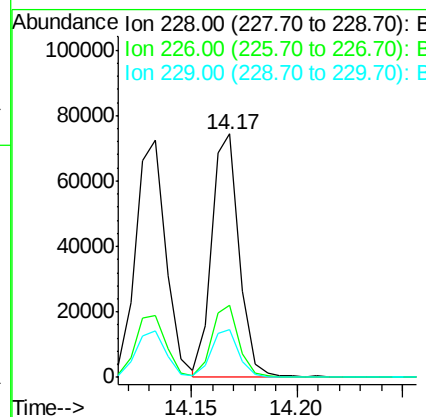
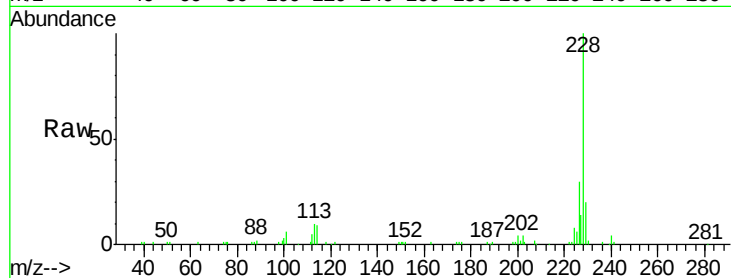
#83
Chrysene
 Concen: 2.294 ng
 RT: 14.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.7	37.1
229	19.7	15.9	23.9

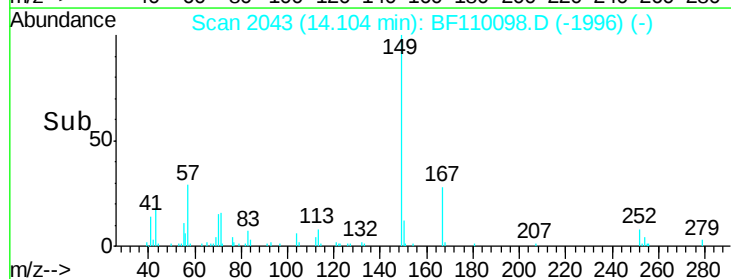
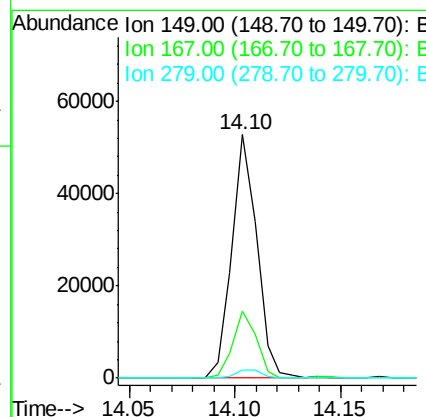
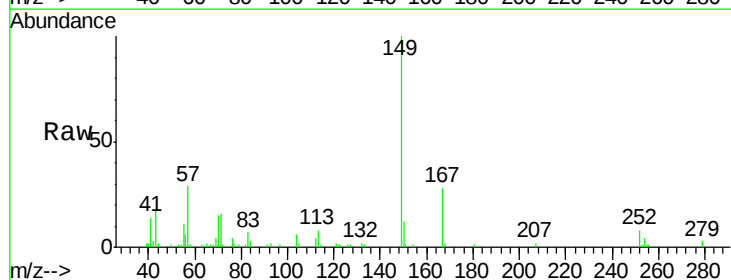
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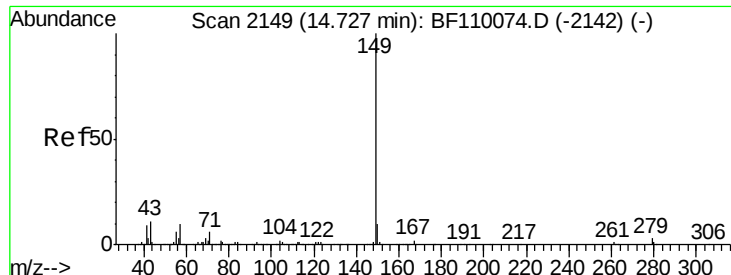
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#84
Bis(2-ethylhexyl)phthalate
 Concen: 1.955 ng
 RT: 14.10 min Scan# 2043
 Delta R.T. -0.02 min
 Lab File: BF110098.D
 Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	19.8	29.8
279	3.3	2.7	4.1





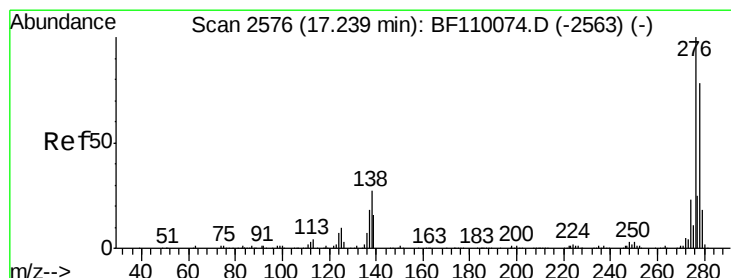
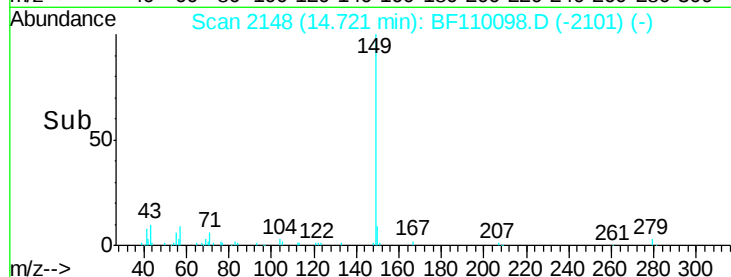
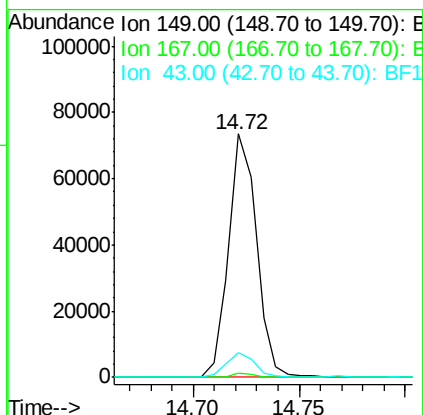
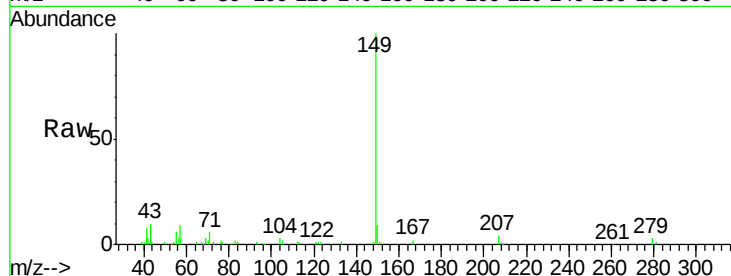
#85
Di-n-octyl phthalate
Concen: 1.962 ng
RT: 14.72 min Scan# 2148
Delta R.T. -0.02 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.2	1.1	1.7
43	10.3	7.8	11.8

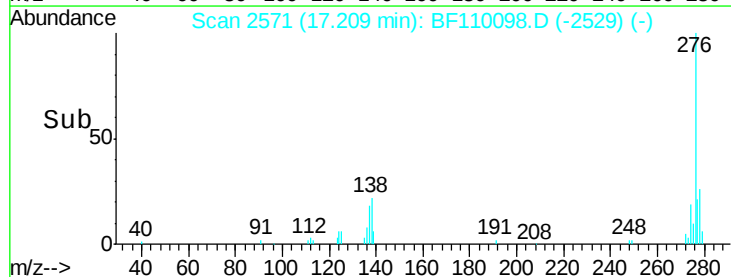
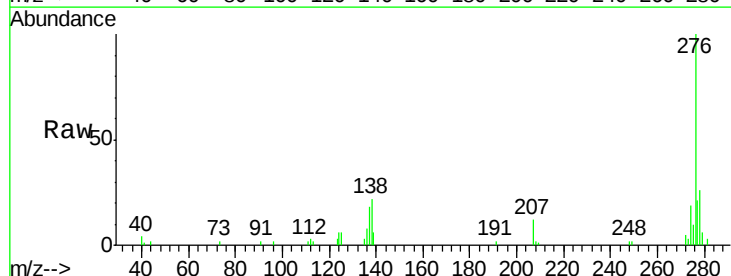
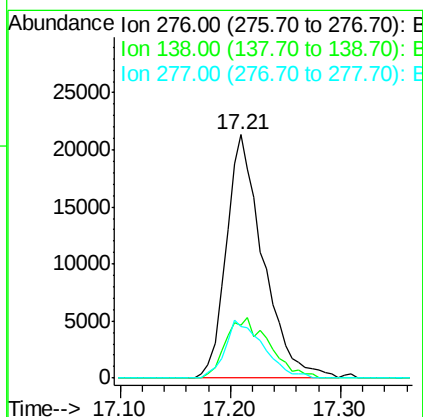
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#86
Indeno(1,2,3-cd)pyrene
Concen: 2.035 ng
RT: 17.21 min Scan# 2571
Delta R.T. -0.05 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	29.2	18.5	27.7#
277	24.5	20.0	30.0





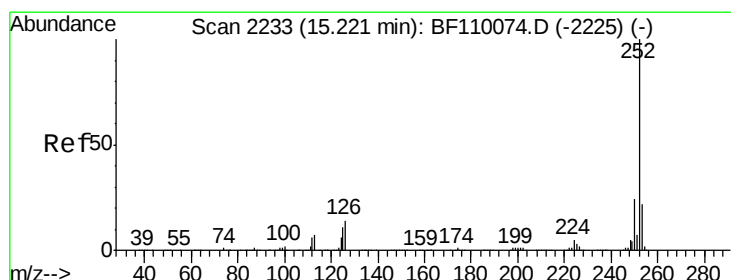
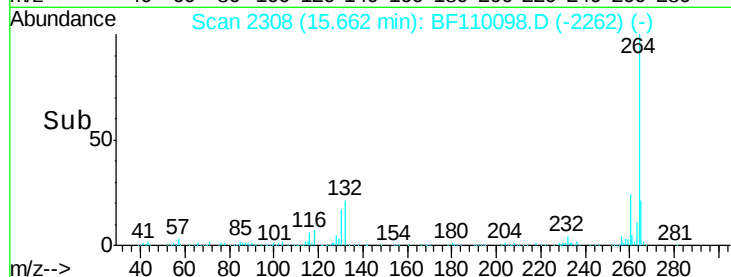
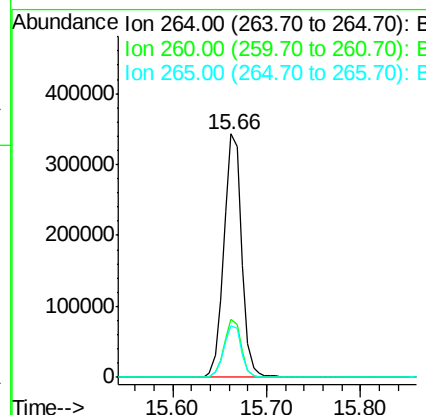
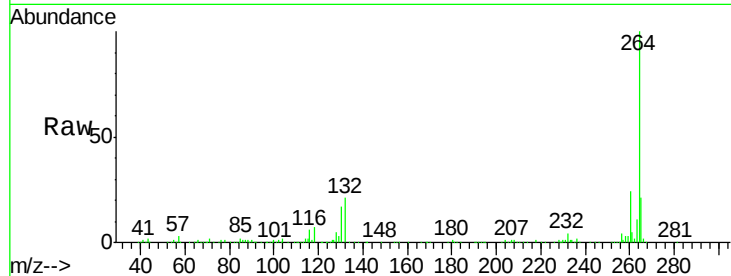
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.7	28.1
265	21.3	16.7	25.1

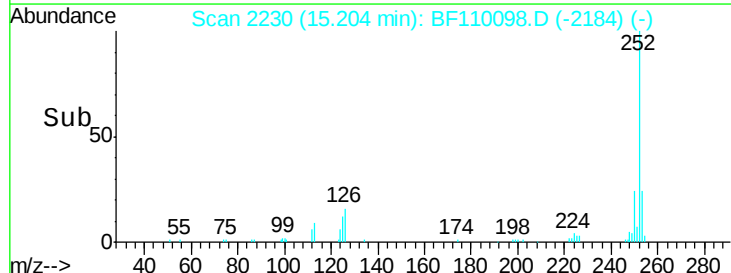
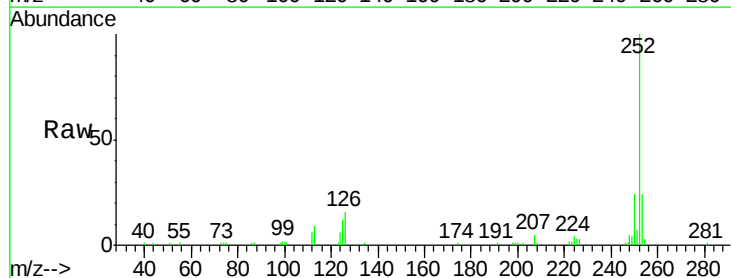
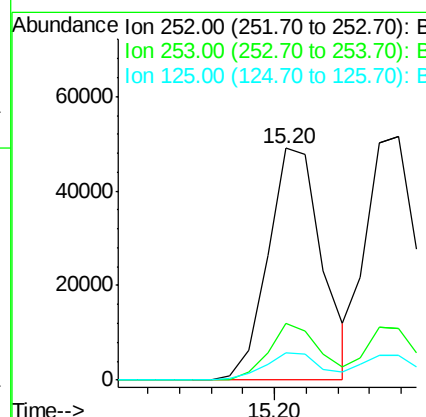
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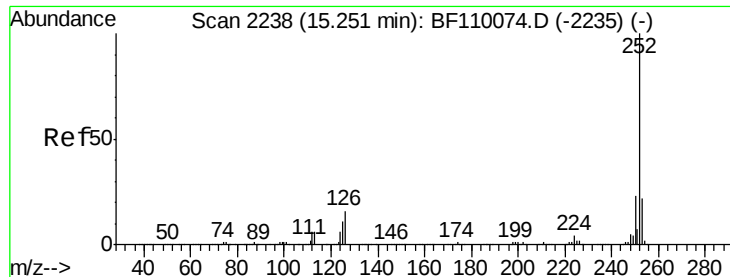
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#88
Benzo(b)fluoranthene
Concen: 2.234 ng
RT: 15.20 min Scan# 2230
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	11.7	8.2	12.4





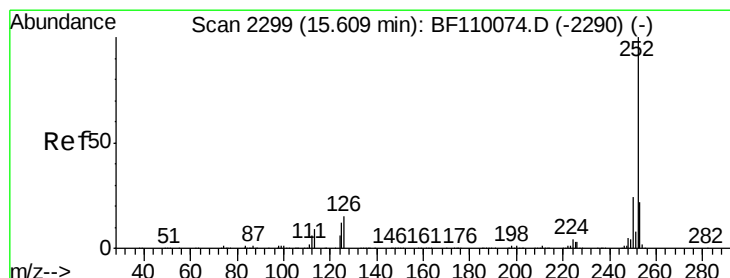
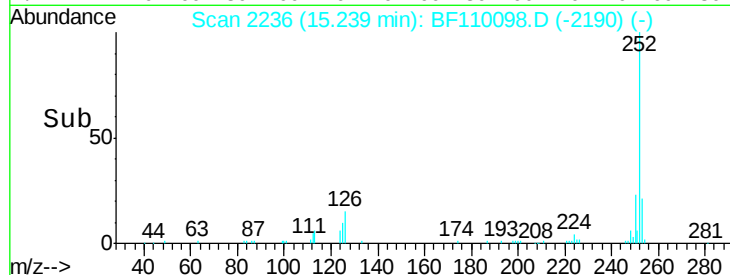
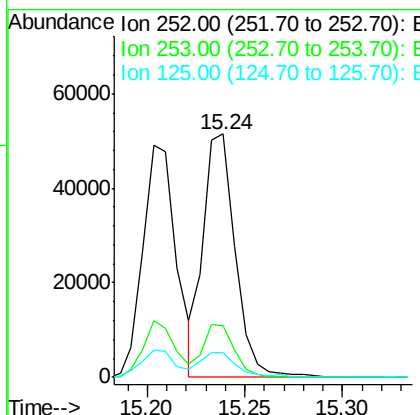
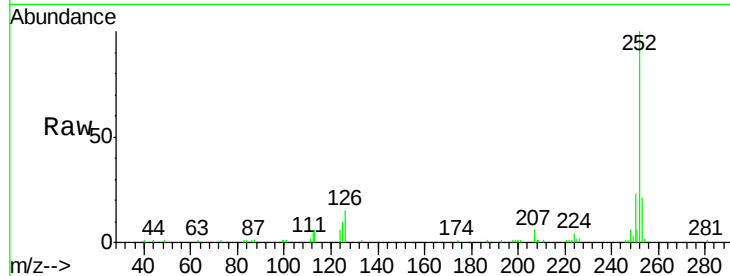
#89
Benzo(k)fluoranthene
Concen: 2.285 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.03 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.2	25.8
125	9.9	7.4	11.0

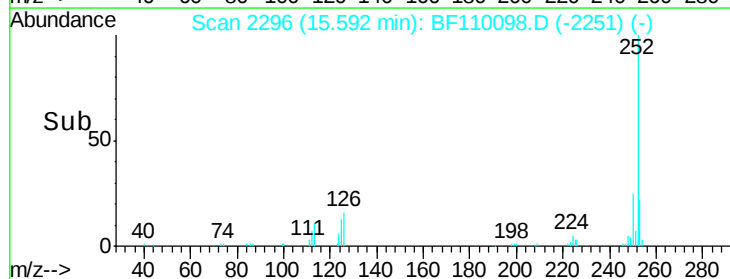
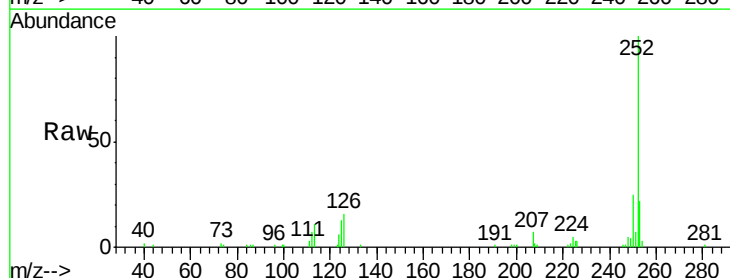
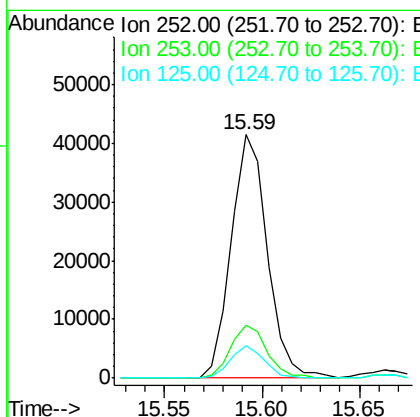
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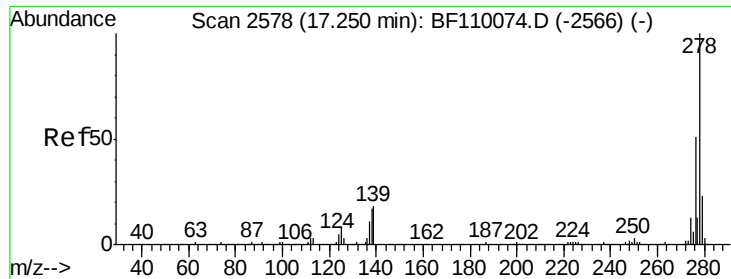
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#90
Benzo(a)pyrene
Concen: 2.216 ng
RT: 15.59 min Scan# 2296
Delta R.T. -0.04 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	13.4	9.0	13.6





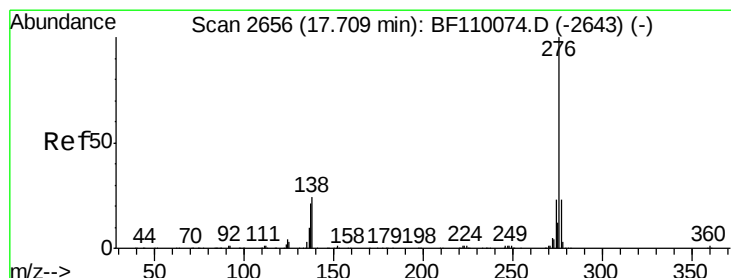
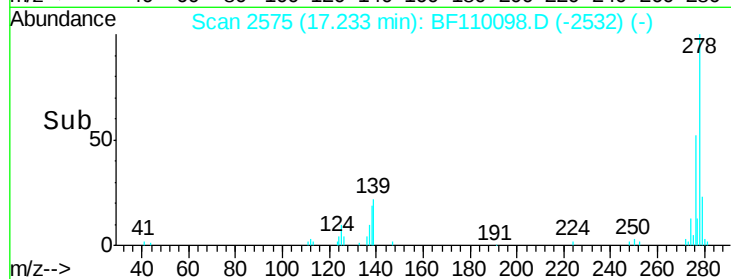
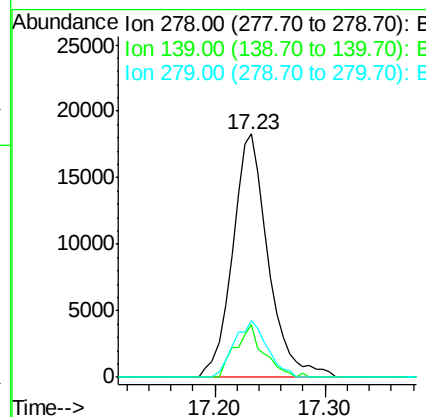
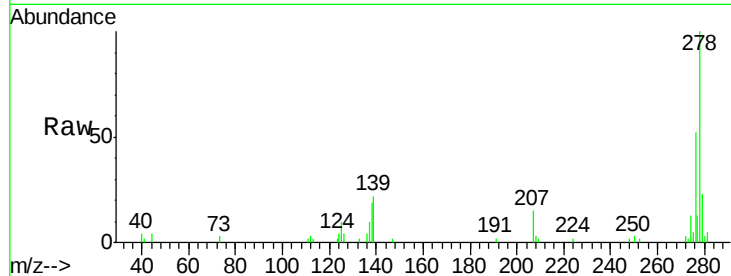
#91
Dibenzo(a,h)anthracene
Concen: 1.988 ng
RT: 17.23 min Scan# 2575
Delta R.T. -0.05 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT4-2018

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	12.7	19.1#
279	23.3	19.0	28.4

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#92
Benzo(g,h,i)perylene
Concen: 1.970 ng
RT: 17.68 min Scan# 2651
Delta R.T. -0.06 min
Lab File: BF110098.D
Acq: 24 Oct 2018 00:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.9	18.8	28.2
138	25.2	16.0	24.0#

