

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
 Data File : BF108033.D
 Acq On : 8 Aug 2018 21:31
 Operator : JU/SJ
 Sample : J3762-09
 Misc : MDL 2 PPM
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Manual Integrations
 APPROVED

Sohil
 8/9/2018 5:01:36 PM

Quant Time: Aug 09 07:54:38 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	279642	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	1112961	20.00	ng	0.00
38) Acenaphthene-d10	10.06	164	604356	20.00	ng	0.00
63) Phenanthrene-d10	11.55	188	1251435	20.00	ng	0.00
75) Chrysene-d12	14.21	240	1116628	20.00	ng	-0.01
86) Perylene-d12	15.77	264	945562	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	1958576	126.80	ng	0.00
7) Phenol-d6	6.63	99	2609966	127.16	ng	0.00
23) Nitrobenzene-d5	7.58	82	1730437	86.76	ng	0.00
41) 2,4,6-Tribromophenol	10.85	330	842230	139.71	ng	0.00
44) 2-Fluorobiphenyl	9.37	172	3122224	82.94	ng	0.00
78) Terphenyl-d14	13.15	244	3731667	84.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.91	88	17132	2.159	ng	# 87
3) Pyridine	3.75	79	42856	2.096	ng	# 92
4) n-Nitrosodimethylamine	3.63	42	22614	1.966	ng	# 79
6) Aniline	6.68	93	36738	1.316	ng	96
8) 2-Chlorophenol	6.80	128	39361	2.263	ng	89
9) Benzaldehyde	6.57	77	31842	2.001	ng	99
10) Phenol	6.64	94	47620	2.243	ng	# 48
11) bis(2-Chloroethyl)ether	6.74	93	38364	2.235	ng	96
12) 1,3-Dichlorobenzene	6.95	146	44851	2.230	ng	97
13) 1,4-Dichlorobenzene	7.03	146	46136	2.283	ng	97
14) 1,2-Dichlorobenzene	7.18	146	42122	2.241	ng	93
15) Benzyl Alcohol	7.14	79	24083	1.394	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	79326	2.243	ng	96
17) 2-Methylphenol	7.24	107	32308	2.166	ng	97
18) Hexachloroethane	7.52	117	15851	2.203	ng	98
19) n-Nitroso-di-n-propylamine	7.41	70	30352	2.187	ng	# 83
20) 3+4-Methylphenols	7.40	107	42974	2.248	ng	94
22) Acetophenone	7.41	105	61880	2.378	ng	94
24) Nitrobenzene	7.59	77	50069	2.483	ng	95
25) Isophorone	7.82	82	79819	2.100	ng	96
26) 2-Nitrophenol	7.91	139	12086	1.587	ng	# 92
27) 2,4-Dimethylphenol	7.93	122	36985	2.192	ng	97
28) bis(2-Chloroethoxy)methane	8.03	93	51416	2.317	ng	94
29) 2,4-Dichlorophenol	8.14	162	30488	1.964	ng	96
30) 1,2,4-Trichlorobenzene	8.23	180	38196	2.231	ng	94
31) Naphthalene	8.32	128	121743	2.405	ng	99
32) Benzoic acid	7.96	122	4858	6.409	ng	# 88
33) 4-Chloroaniline	8.36	127	32401	1.469	ng	97
34) Hexachlorobutadiene	8.43	225	24165	2.230	ng	97
35) Caprolactam	8.68	113	9190	1.889	ng	# 75
36) 4-Chloro-3-methylphenol	8.82	107	33211	1.983	ng	95
37) 2-Methylnaphthalene	9.01	142	86454	2.414	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	41962	2.261	ng	# 98
40) Hexachlorocyclopentadiene	9.16	237	21386	1.784	ng	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	19779	1.717	ng	96
43) 2,4,5-Trichlorophenol	9.31	196	23555	1.858	ng	98
45) 1,1'-Biphenyl	9.47	154	112105	2.516	ng	95
46) 2-Chloronaphthalene	9.50	162	82390	2.339	ng	97
47) 2-Nitroaniline	9.59	65	20696	1.816	ng	# 86
48) Acenaphthylene	9.92	152	133978	2.406	ng	98
49) Dimethylphthalate	9.76	163	96765	2.299	ng	99
50) 2,6-Dinitrotoluene	9.83	165	17475	1.984	ng	94
51) Acenaphthene	10.09	154	80679	2.366	ng	97
52) 3-Nitroaniline	10.00	138	17309	1.796	ng	98
53) 2,4-Dinitrophenol	10.10	184	2191	7.627	ng	# 1
54) Dibenzofuran	10.27	168	121049	2.450	ng	99
55) 4-Nitrophenol	10.14	139	10573	1.449	ng	87
56) 2,4-Dinitrotoluene	10.23	165	19720	1.739	ng	# 84
57) Fluorene	10.61	166	93593	2.393	ng	96
58) 2,3,4,6-Tetrachlorophenol	10.38	232	19403	1.831	ng	# 87
59) Diethylphthalate	10.47	149	93592	2.296	ng	97
60) 4-Chlorophenyl-phenylether	10.60	204	48988	2.404	ng	88
61) 4-Nitroaniline	10.61	138	17459	1.832	ng	86
62) Azobenzene	10.76	77	97285	2.311	ng	94
64) 4,6-Dinitro-2-methylphenol	10.64	198	4238	6.160	ng	86
65) n-Nitrosodiphenylamine	10.71	169	83980	2.271	ng	95
66) 4-Bromophenyl-phenylether	11.09	248	30391	2.235	ng	94
67) Hexachlorobenzene	11.15	284	32109	2.244	ng	92
68) Atrazine	11.23	200	25809	2.081	ng	96
69) Pentachlorophenol	11.35	266	9112	1.330	ng	98
70) Phenanthrene	11.58	178	147913	2.506	ng	98
71) Anthracene	11.63	178	151400	2.503	ng	98
72) Carbazole	11.78	167	126258	2.349	ng	98
73) Di-n-butylphthalate	12.11	149	137795	2.263	ng	100
74) Fluoranthene	12.77	202	160263	2.488	ng	93
76) Benzidine	12.89	184	19521	0.468	ng	# 92
77) Pyrene	13.00	202	164382	2.325	ng	99
79) Butylbenzylphthalate	13.61	149	48538	1.729	ng	99
80) Benzo(a)anthracene	14.19	228	146489	2.286	ng	98
81) 3,3'-Dichlorobenzidine	14.15	252	25883	1.127	ng	96
82) Chrysene	14.23	228	138167	2.352	ng	97
83) Bis(2-ethylhexyl)phthalate	14.17	149	70197	1.847	ng	99
84) Di-n-octyl phthalate	14.79	149	101220	1.746	ng	# 92
85) Indeno(1,2,3-cd)pyrene	17.37	276	95755	1.881	ng	# 92
87) Benzo(b)fluoranthene	15.29	252	122911m	2.175	ng	
88) Benzo(k)fluoranthene	15.32	252	118550	2.283	ng	# 95
89) Benzo(a)pyrene	15.69	252	104618	2.068	ng	# 95
90) Dibenzo(a,h)anthracene	17.38	278	81342	1.943	ng	# 90
91) Benzo(g,h,i)perylene	17.85	276	79543	1.930	ng	# 89

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



#1

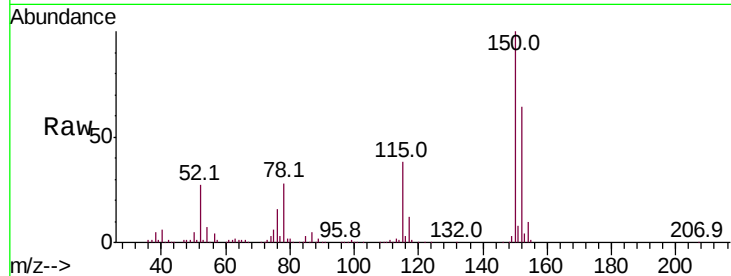
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.01 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.6	186.8
115	58.7	50.1	75.1

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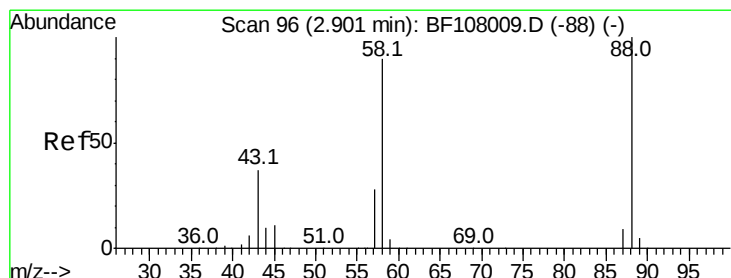
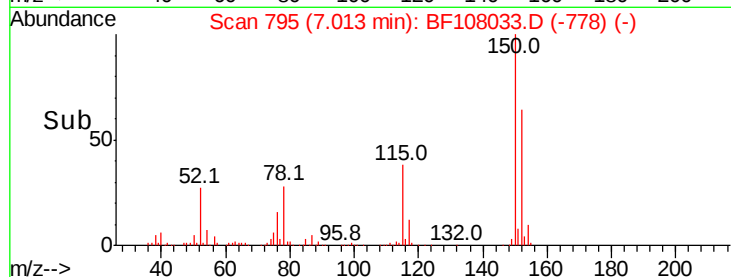
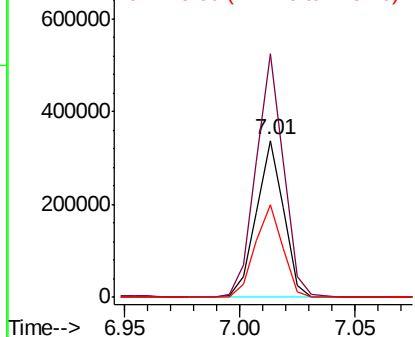


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

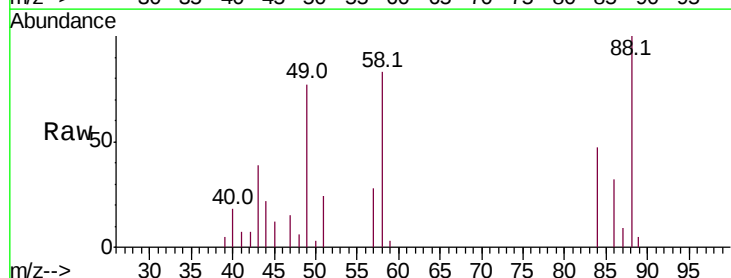
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.159 ng
RT: 2.91 min Scan# 98
Delta R.T. 0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	89.4	62.6	93.8
43	38.5	24.6	37.0#

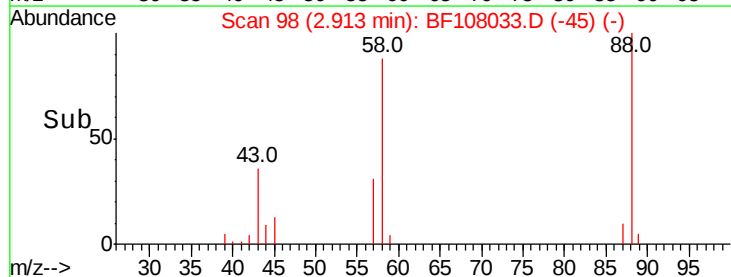
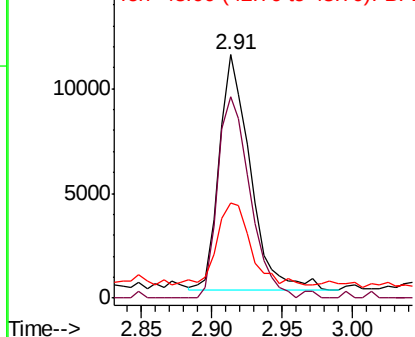


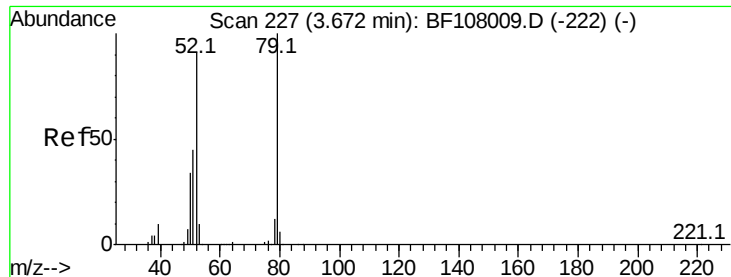
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.096 ng

RT: 3.75 min Scan# 240

Delta R.T. 0.08 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

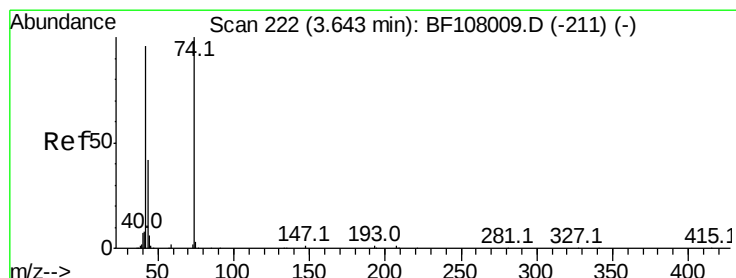
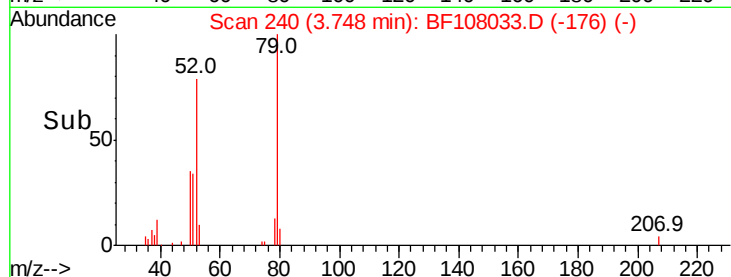
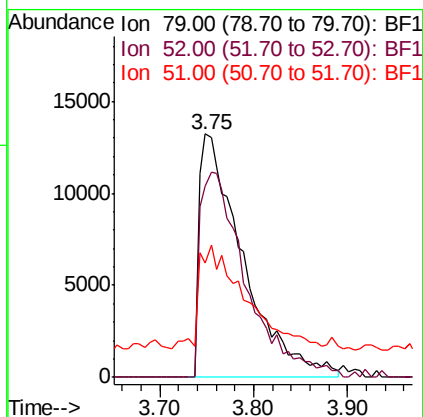
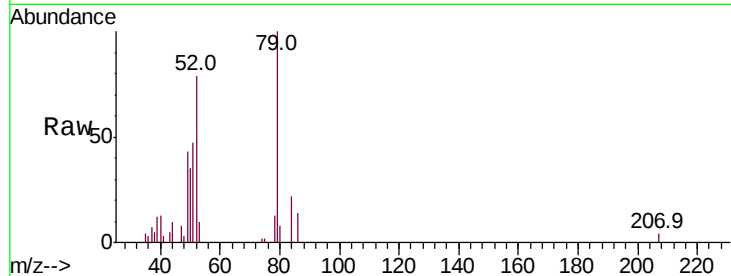
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
79	100		
52	78.6	59.8	89.6
51	47.0	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 1.966 ng

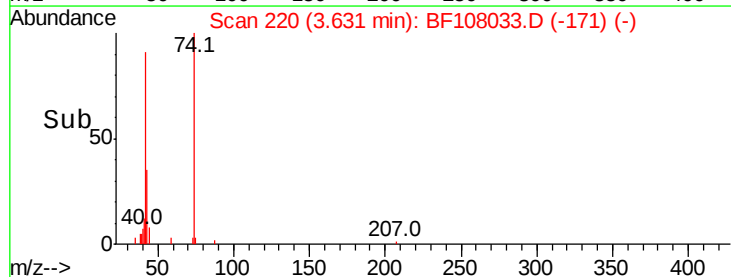
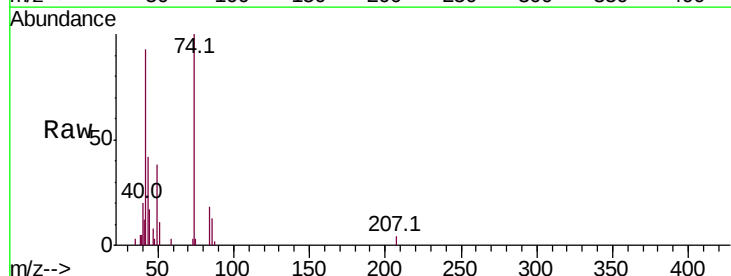
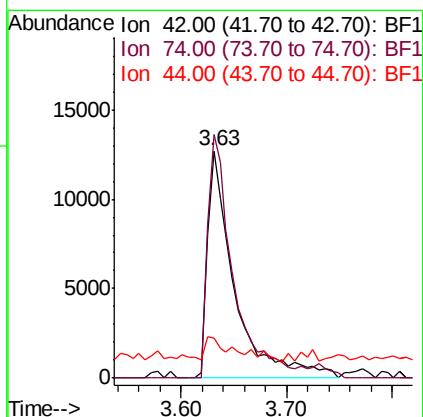
RT: 3.63 min Scan# 220

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
42	100		
74	107.0	104.9	157.3
44	17.9	6.9	10.3





#5

2-Fluorophenol

Concen: 126.802 ng

RT: 5.64 min Scan# 561

Delta R.T. 0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:112 Resp: 1958576

Ion Ratio Lower Upper

112 100

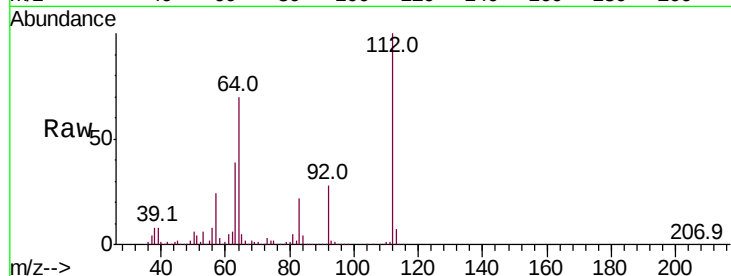
64 69.7 47.9 71.9

63 38.6 23.7 35.5#

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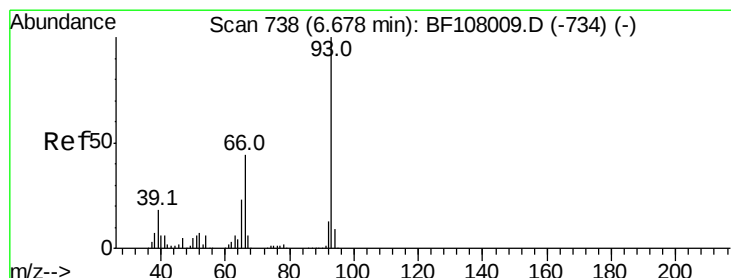
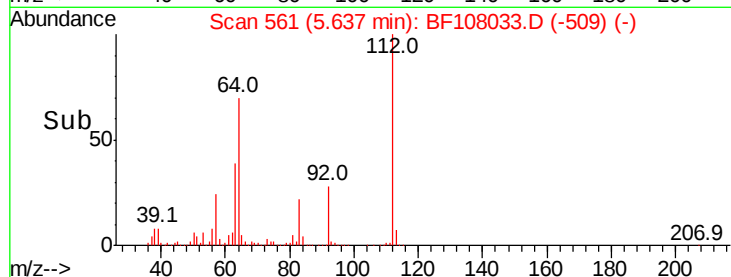
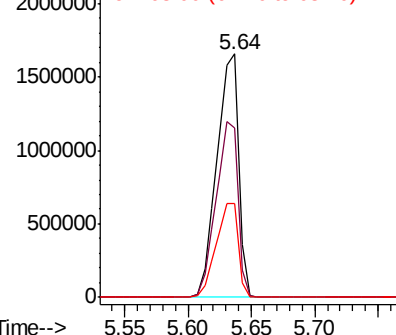
8/9/2018 5:01:36 PM



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 1.316 ng

RT: 6.68 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

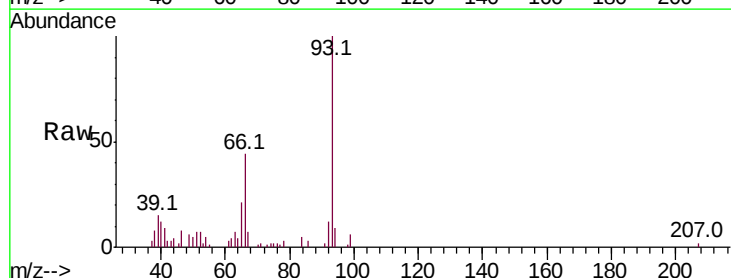
Tgt Ion: 93 Resp: 36738

Ion Ratio Lower Upper

93 100

66 43.7 32.2 48.2

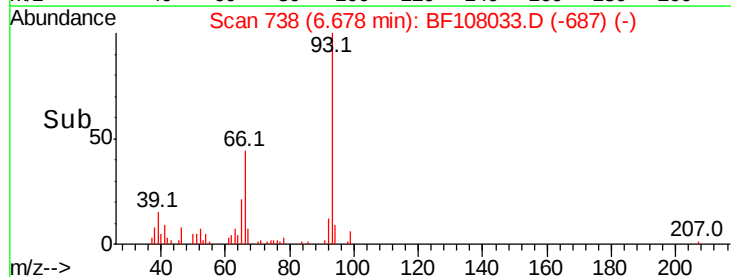
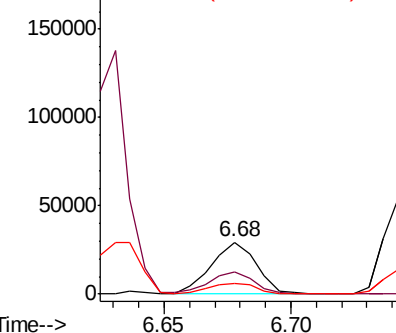
65 21.2 16.4 24.6

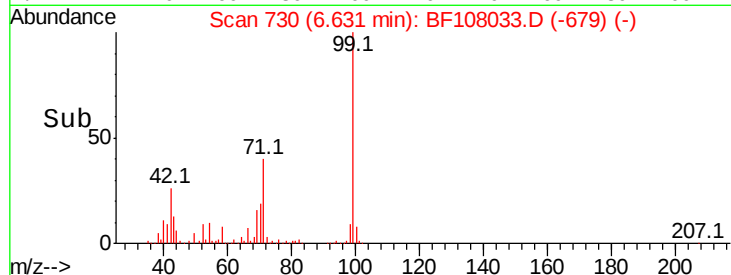
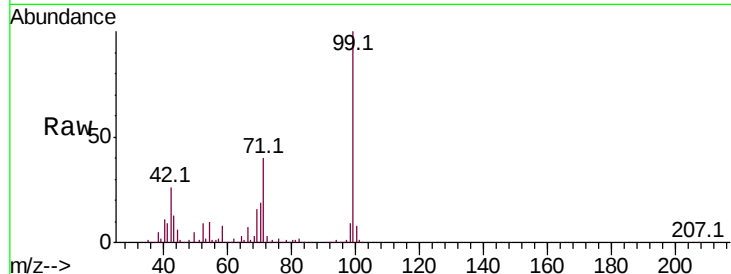
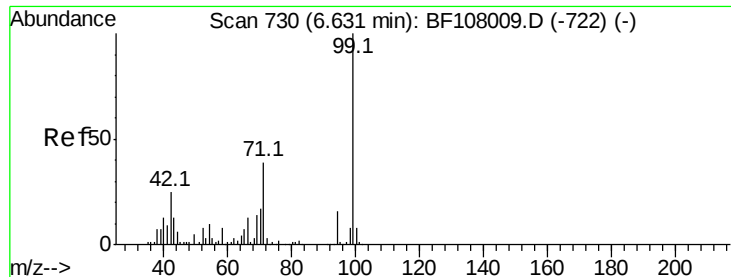


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.157 ng

RT: 6.63 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tot Ion: 99 Resp: 2609966

Ion Ratio Lower Upper

99 100

42 26.5 14.5 21.7#

71 40.4 25.4 38.0#

Instrument :

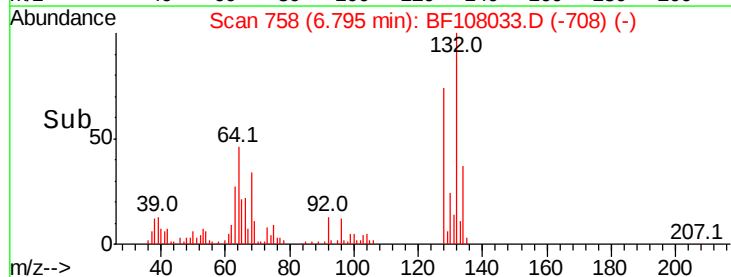
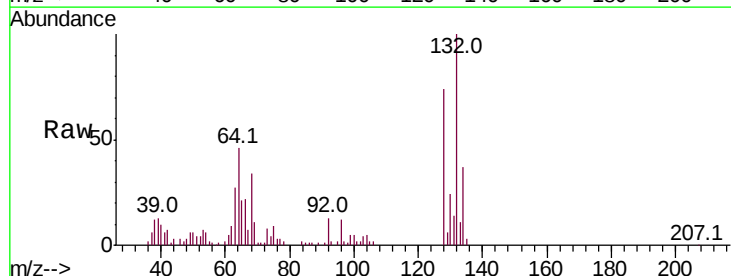
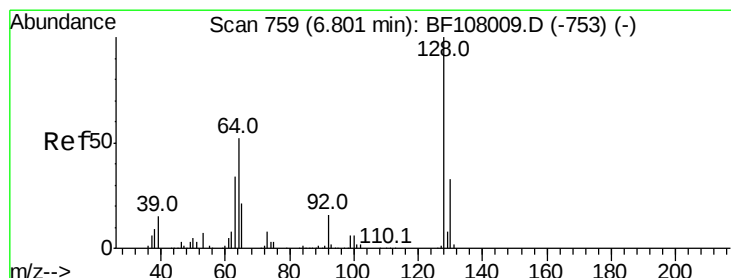
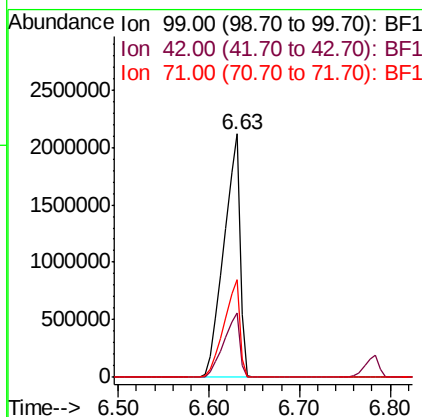
BNA_F

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#8

2-Chlorophenol

Concen: 2.263 ng

RT: 6.80 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

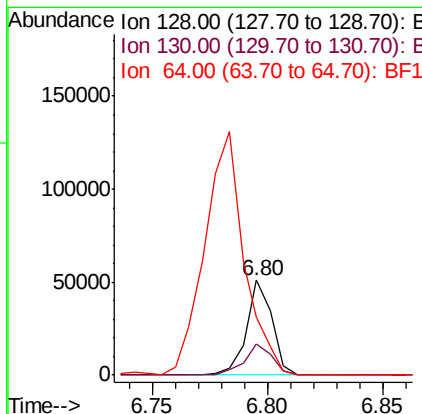
Tgt Ion:128 Resp: 39361

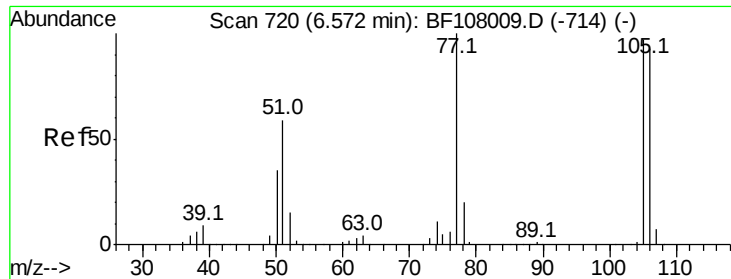
Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

64 61.6 29.4 69.4





#9

Benzaldehyde

Concen: 2.001 ng

RT: 6.57 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

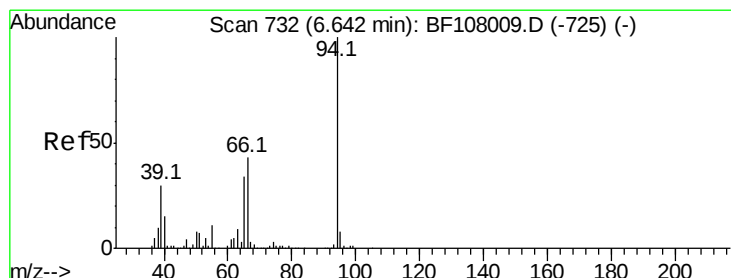
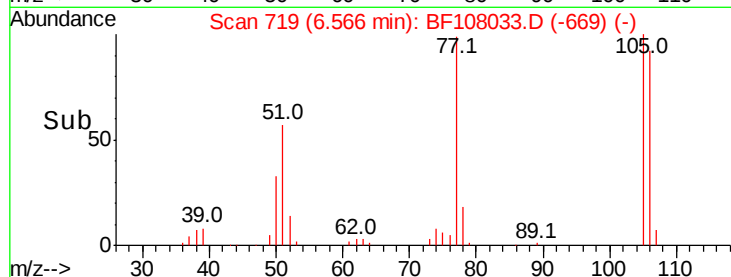
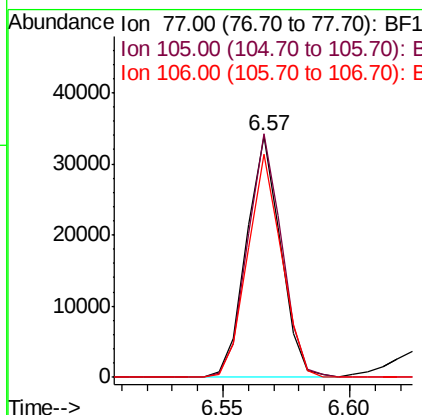
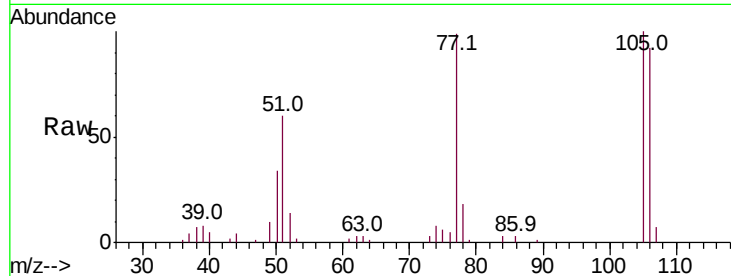
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	81.1	121.1
106	92.4	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 2.243 ng

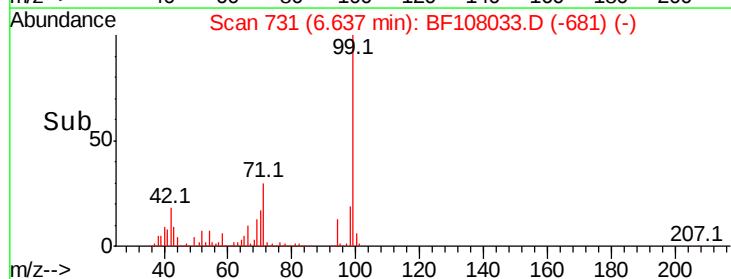
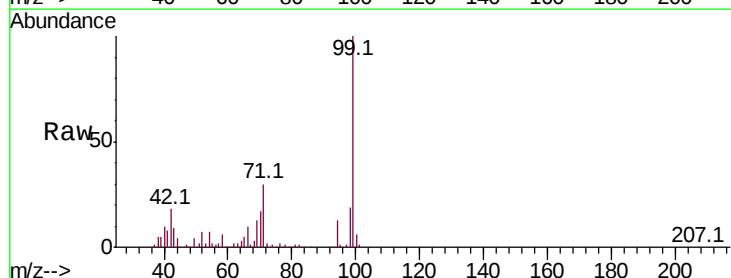
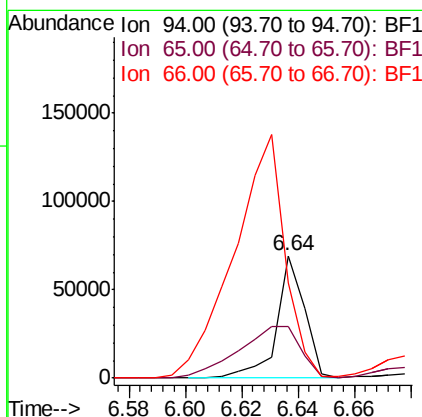
RT: 6.64 min Scan# 731

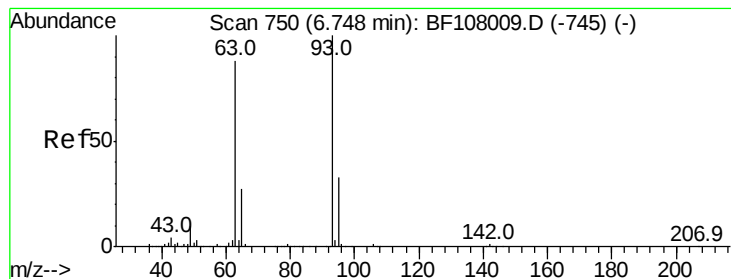
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	41.9	7.9	47.9
66	78.2	16.2	56.2





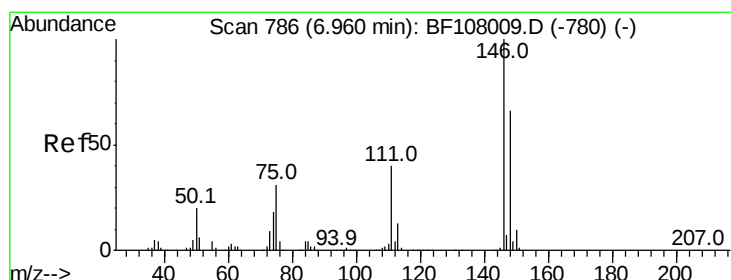
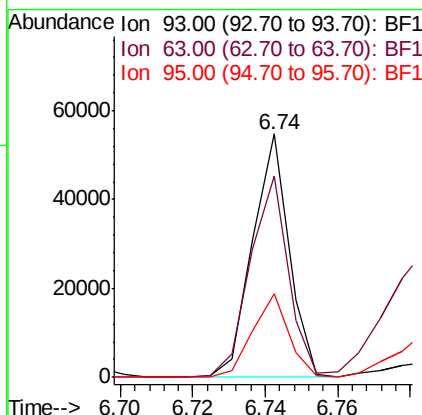
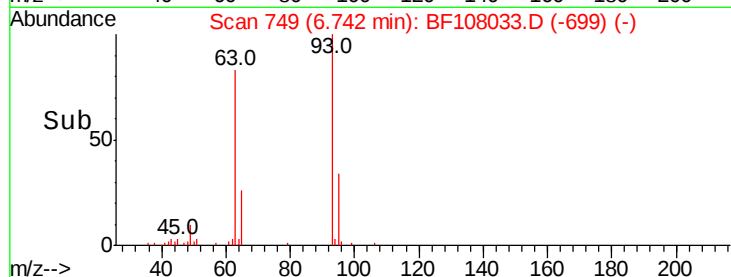
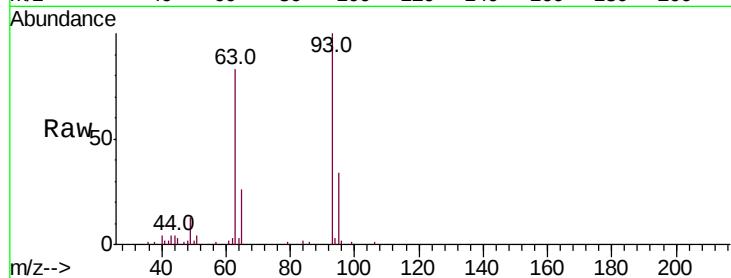
#11
bis(2-Chloroethyl)ether
Concen: 2.235 ng
RT: 6.74 min Scan# 749
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	93	Resp	38364
Ion	Ratio	Lower	Upper
93	100		
63	82.6	58.6	98.6
95	34.2	11.8	51.8

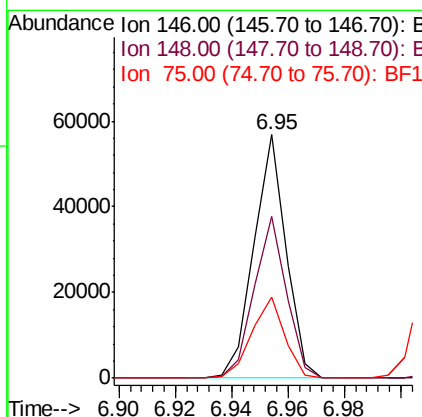
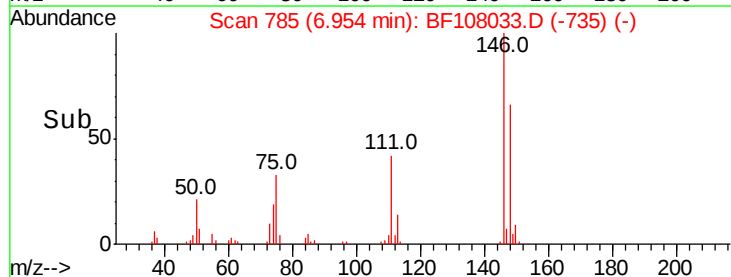
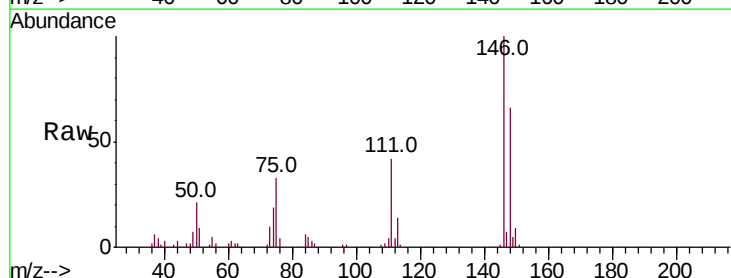
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#12
1,3-Dichlorobenzene
Concen: 2.230 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	146	Resp	44851
Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.8	77.8
75	33.5	24.2	36.4





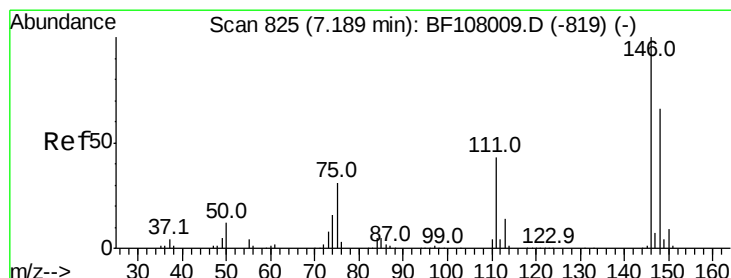
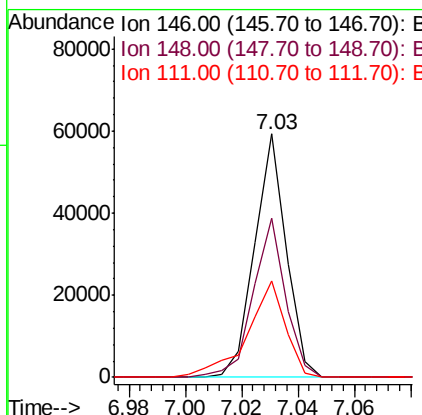
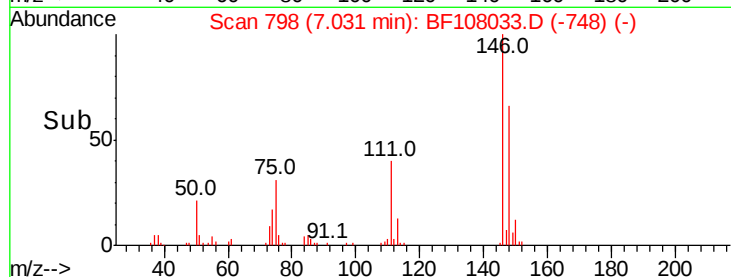
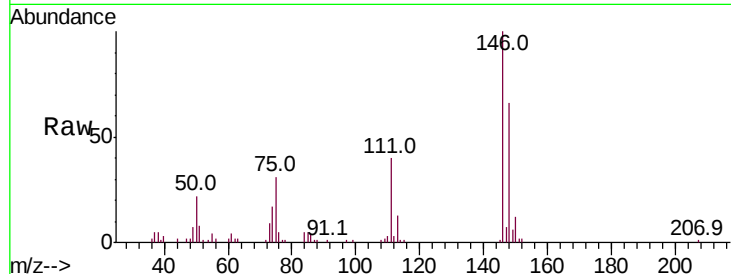
#13
1,4-Dichlorobenzene
Concen: 2.283 ng
RT: 7.03 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.8	76.2
111	39.8	34.2	51.2

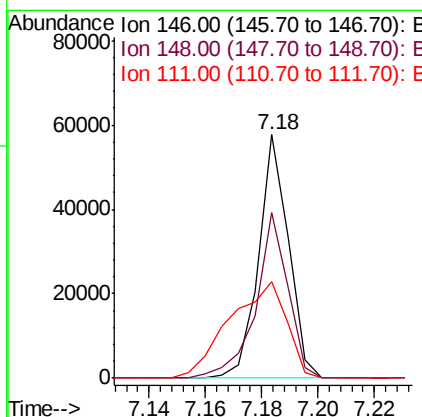
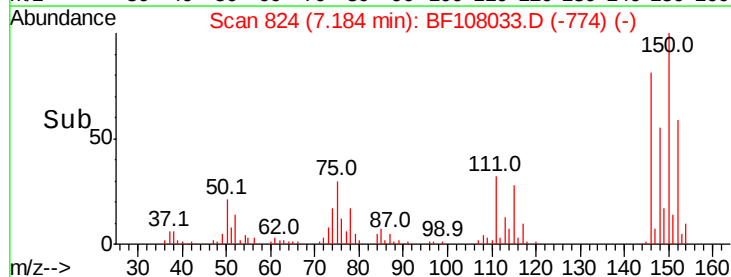
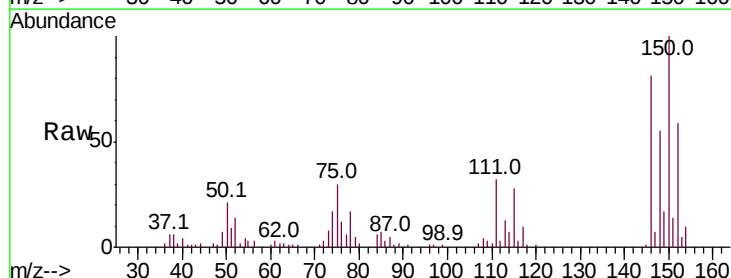
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#14
1,2-Dichlorobenzene
Concen: 2.241 ng
RT: 7.18 min Scan# 824
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.0	50.6	75.8
111	39.8	36.0	54.0





#15

Benzyl Alcohol

Concen: 1.394 ng

RT: 7.14 min Scan# 817

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

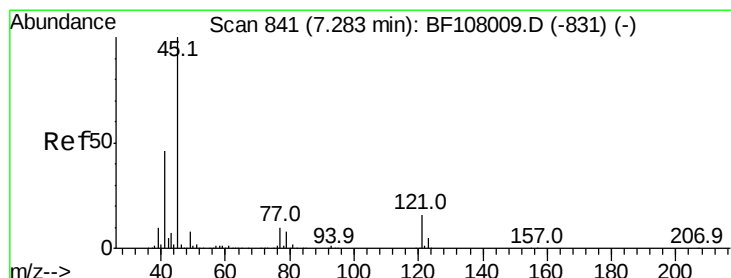
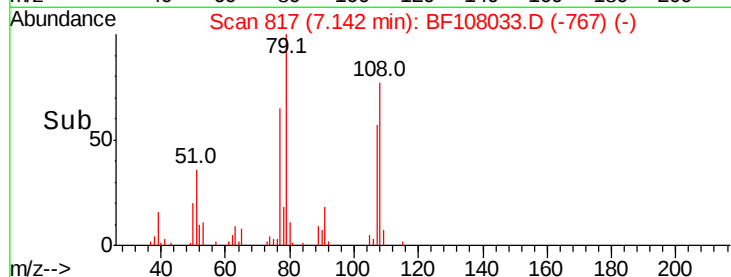
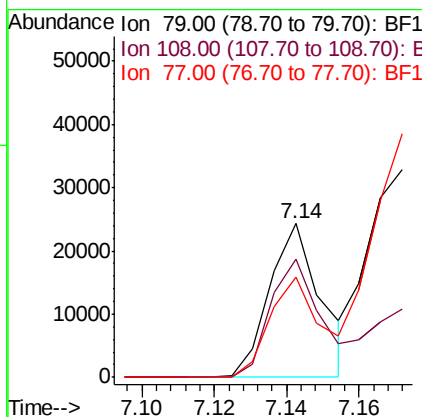
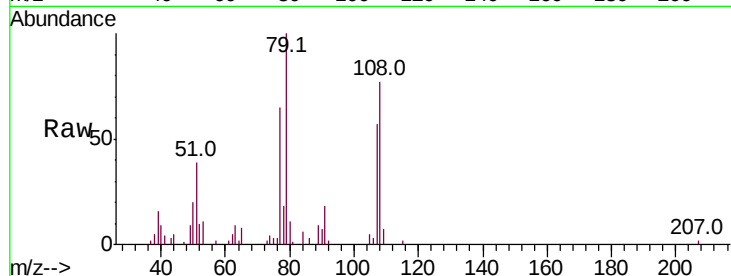
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	79	Resp:	24083
Ion Ratio	Lower	Upper	
79	100		
108	76.6	65.1	97.7
77	65.0	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 2.243 ng

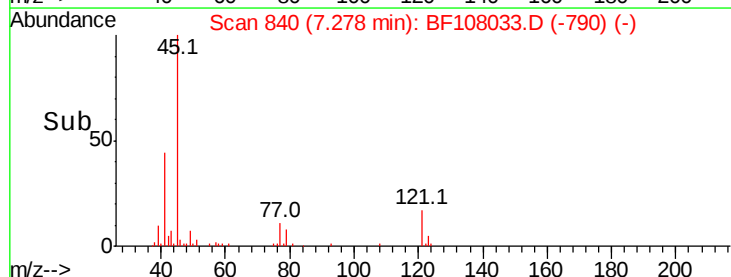
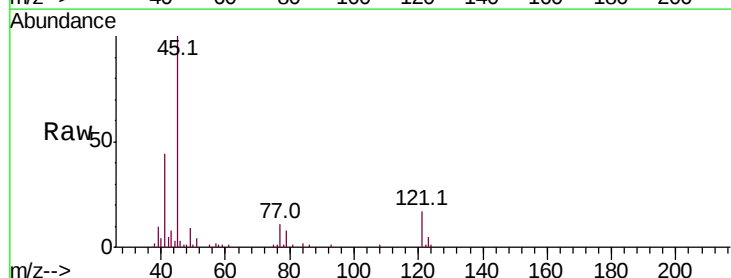
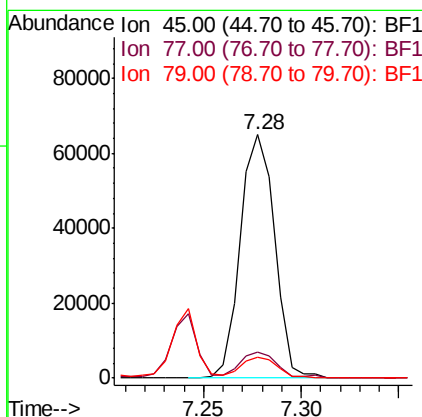
RT: 7.28 min Scan# 840

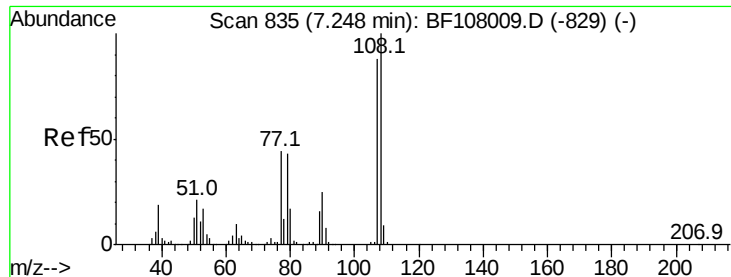
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	45	Resp:	79326
Ion Ratio	Lower	Upper	
45	100		
77	10.9	0.0	32.9
79	8.5	0.0	29.6





#17

2-Methylphenol

Concen: 2.166 ng

RT: 7.24 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

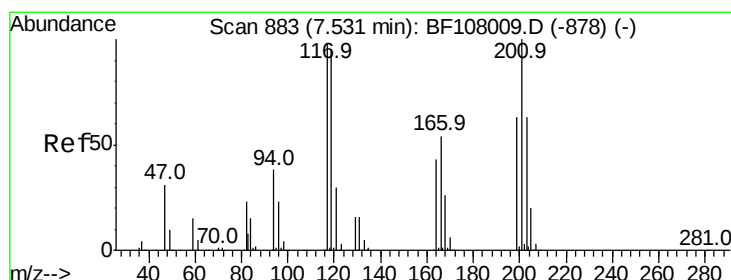
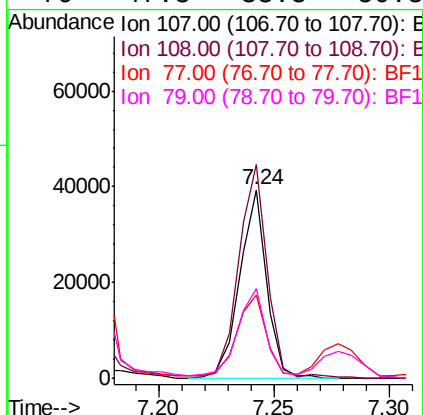
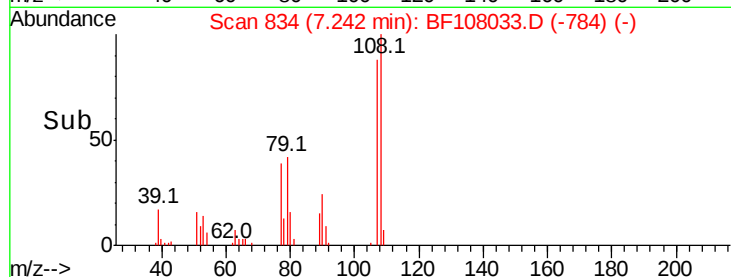
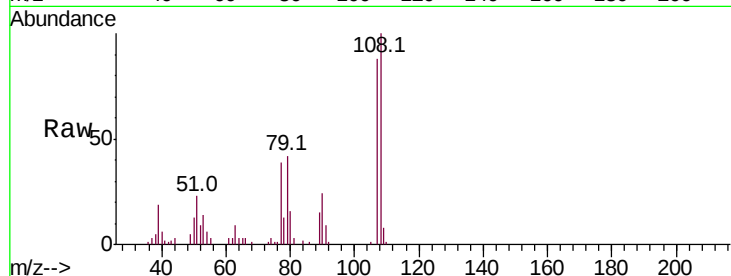
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	107	Resp:	32308
Ion Ratio	Lower	Upper	
107	100		
108	113.2	91.7	137.5
77	44.0	33.8	50.8
79	47.3	33.8	50.8

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#18

Hexachloroethane

Concen: 2.203 ng

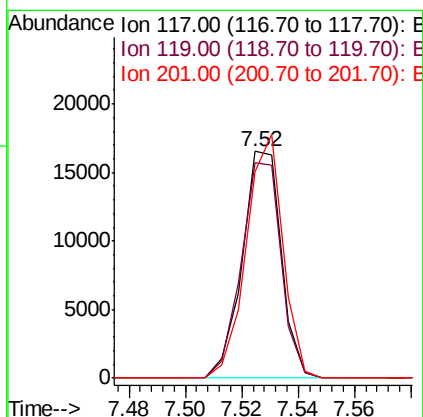
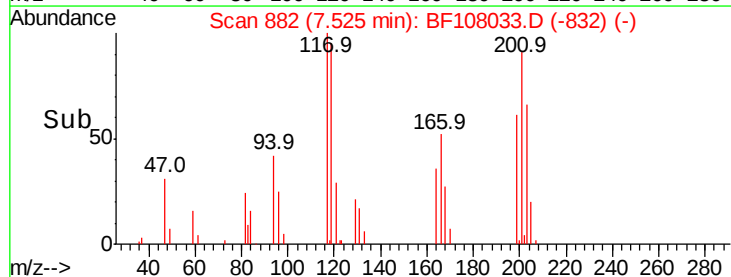
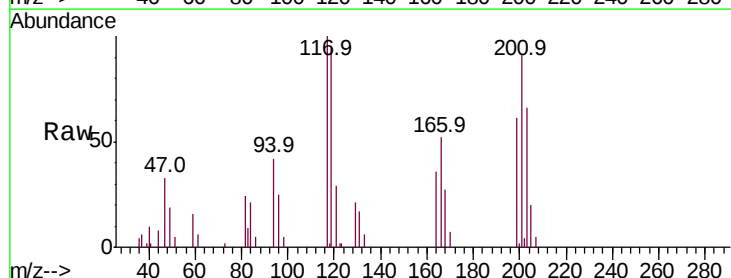
RT: 7.52 min Scan# 882

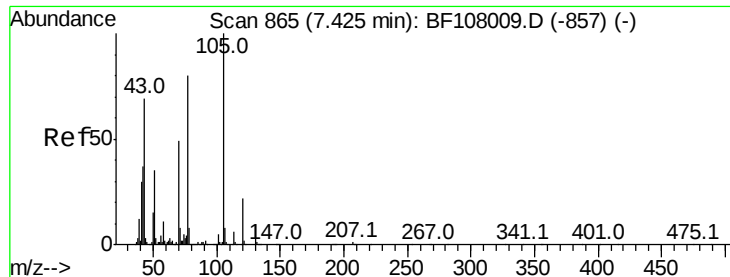
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	117	Resp:	15851
Ion Ratio	Lower	Upper	
117	100		
119	95.0	75.8	113.8
201	91.2	75.7	113.5





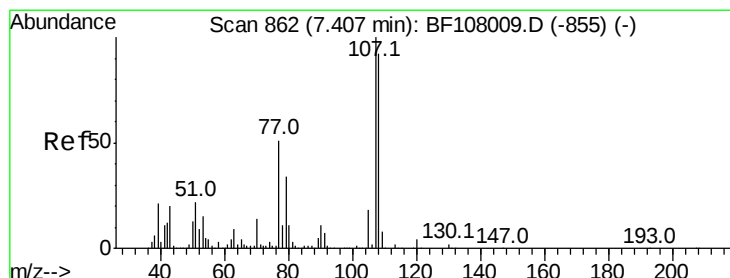
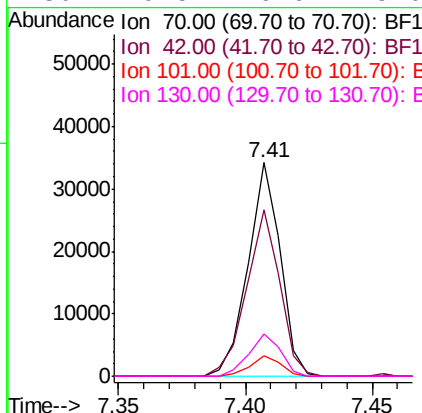
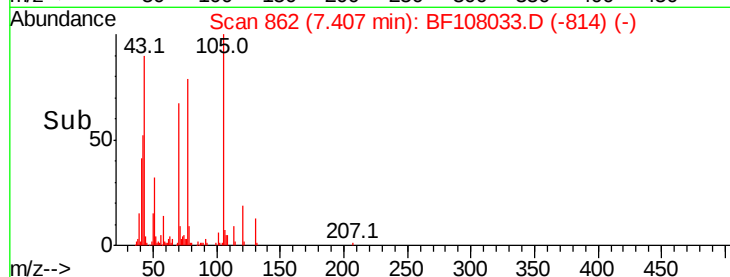
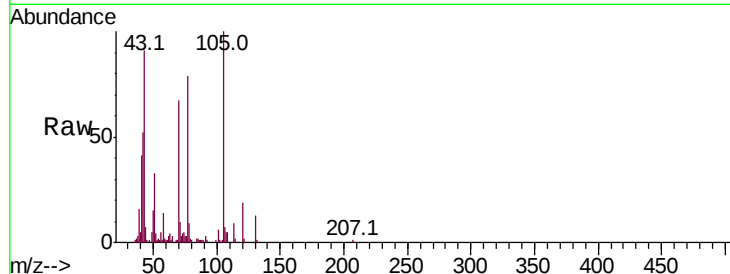
#19
n-Nitroso-di-n-propylamine
Concen: 2.187 ng
RT: 7.41 min Scan# 862
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
70	100		
42	77.7	47.5	71.3#
101	9.6	7.4	11.2
130	19.5	16.6	25.0

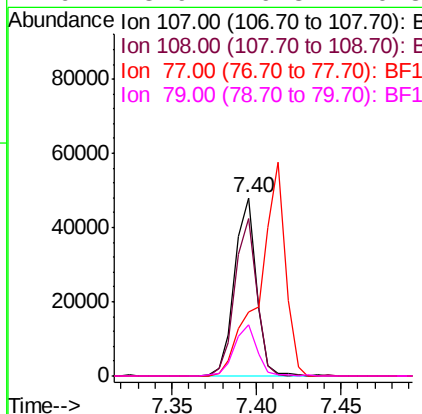
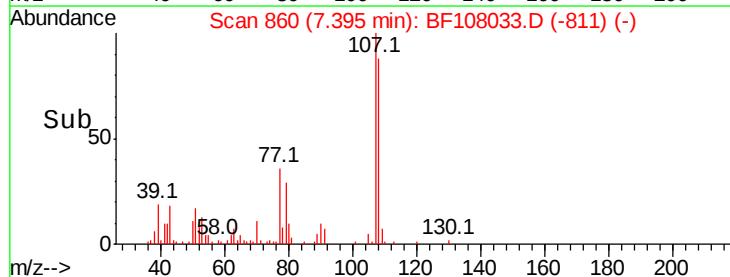
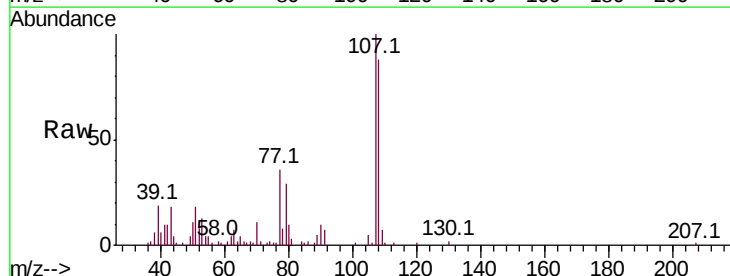
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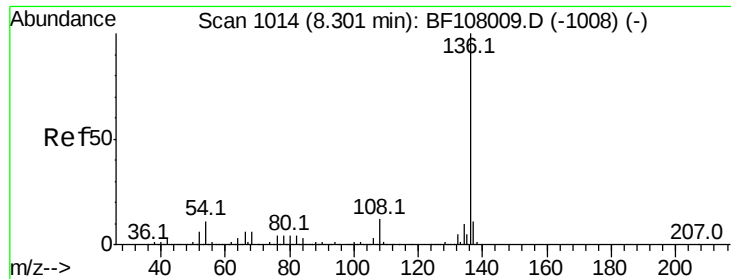
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#20
3+4-Methylphenols
Concen: 2.248 ng
RT: 7.40 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.2	108.2
77	36.2	26.7	66.7
79	28.9	6.3	46.3





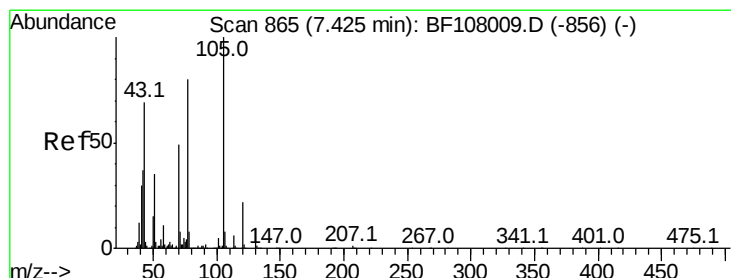
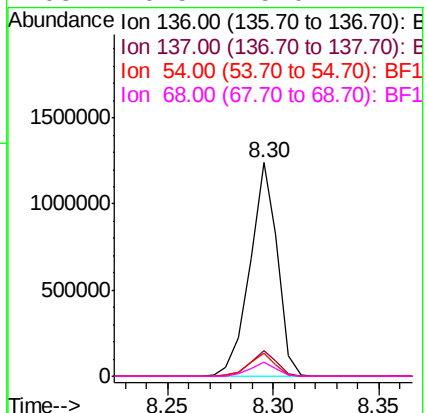
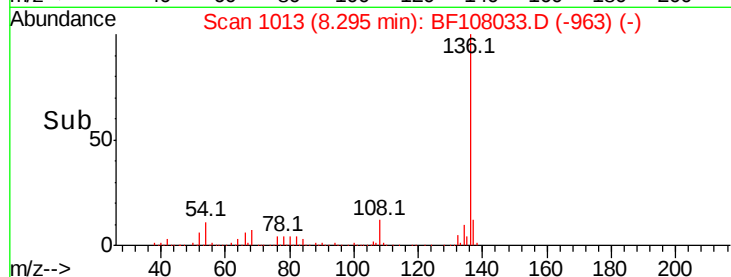
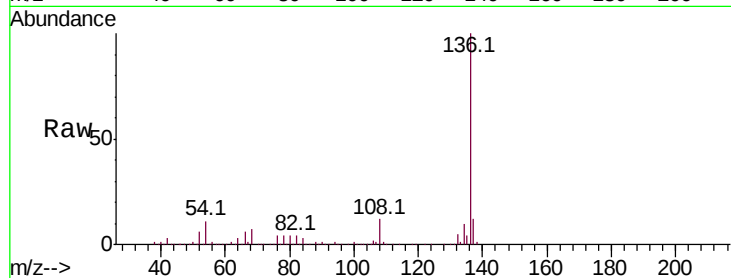
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.30 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.9	13.3
54	11.1	6.6	9.8
68	6.5	5.0	7.4

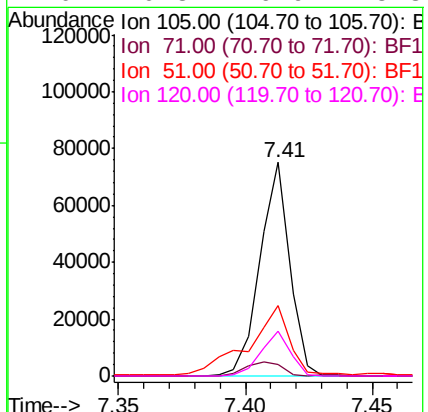
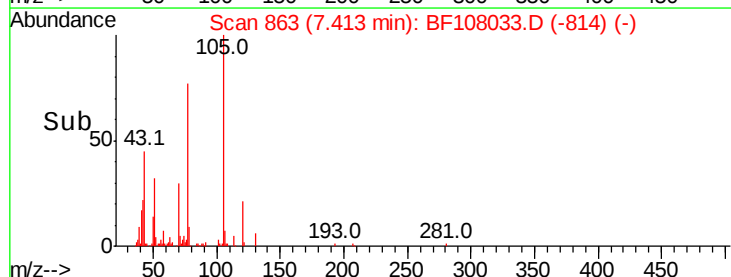
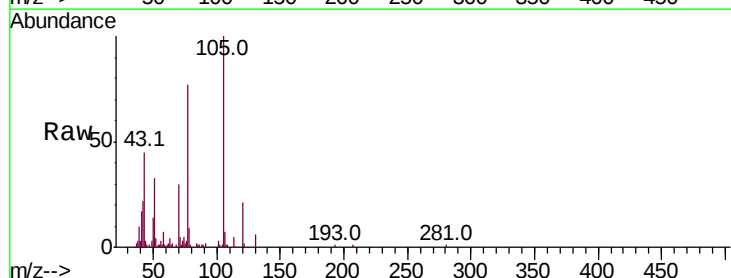
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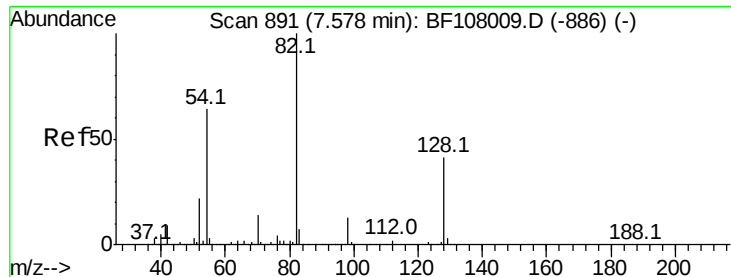
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#22
Acetophenone
Concen: 2.378 ng
RT: 7.41 min Scan# 863
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.4	4.4	6.6
51	33.3	22.3	33.5
120	20.8	16.9	25.3





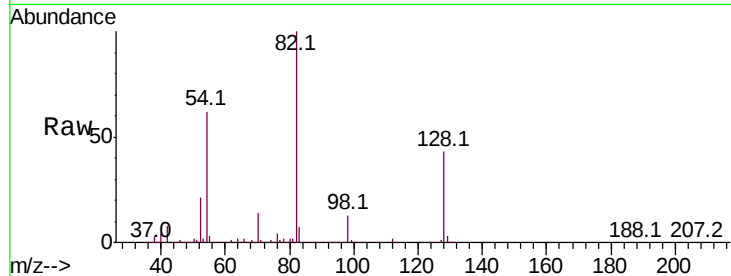
#23
Nitrobenzene-d5
Concen: 86.760 ng
RT: 7.58 min Scan# 891
Delta R.T. 0.00 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

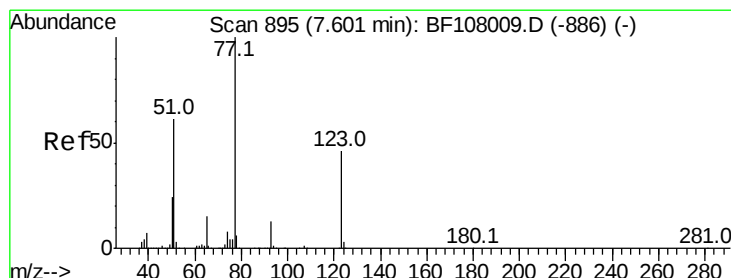
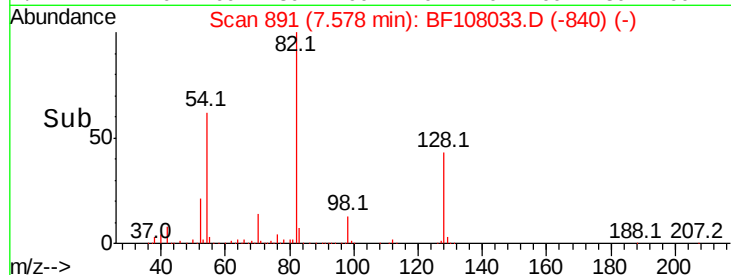
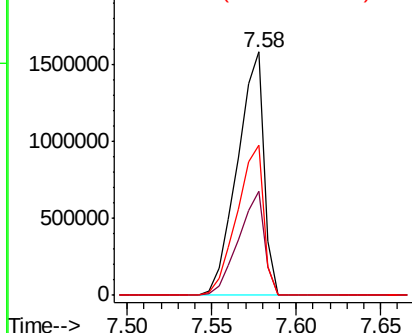
Tot Ion: 82 Resp: 1730437
Ion Ratio Lower Upper
82 100
128 42.8 36.1 54.1
54 61.9 41.4 62.2

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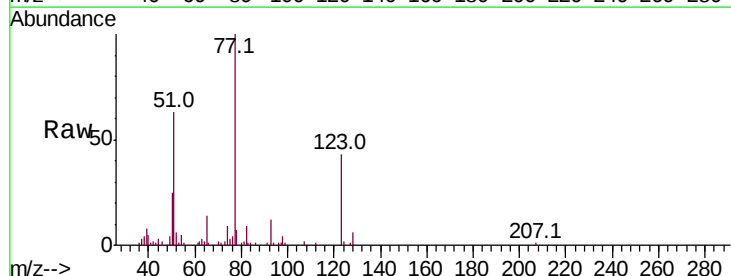


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

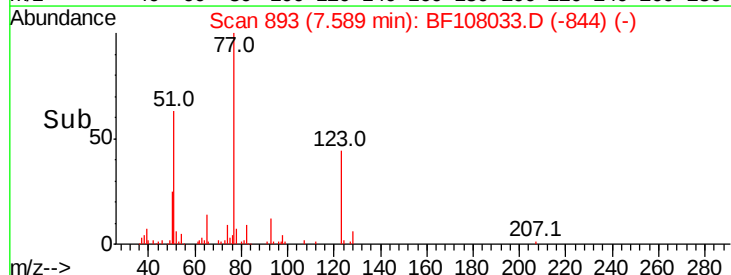
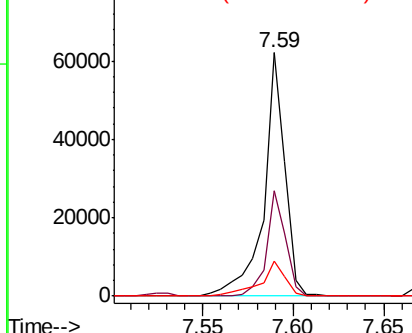


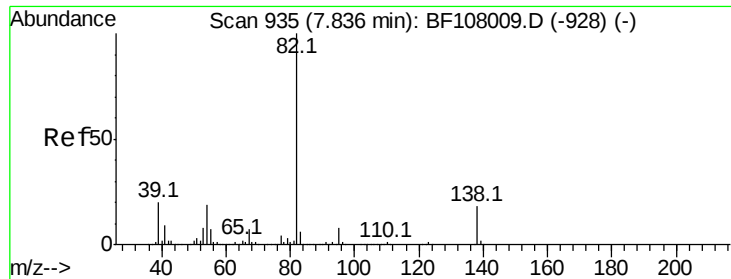
#24
Nitrobenzene
Concen: 2.483 ng
RT: 7.59 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion: 77 Resp: 50069
Ion Ratio Lower Upper
77 100
123 43.2 37.9 56.9
65 14.2 11.0 16.4



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





#25

Isophorone

Concen: 2.100 ng

RT: 7.82 min Scan# 932

Delta R.T. -0.02 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

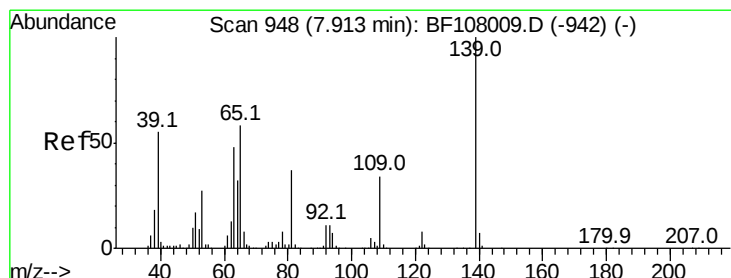
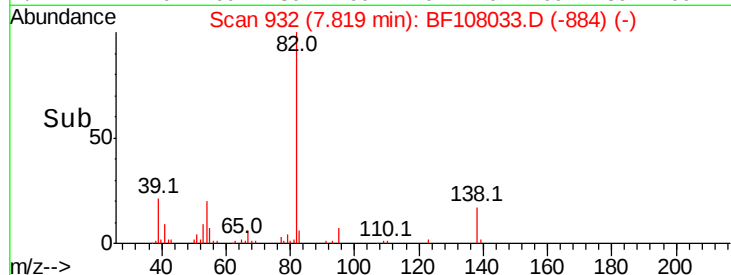
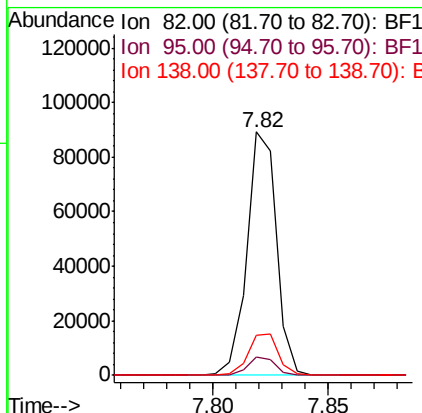
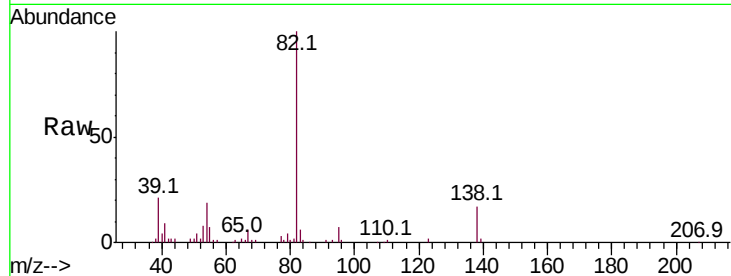
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	82	Resp:	79819
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	16.6	14.9	22.3

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#26

2-Nitrophenol

Concen: 1.587 ng

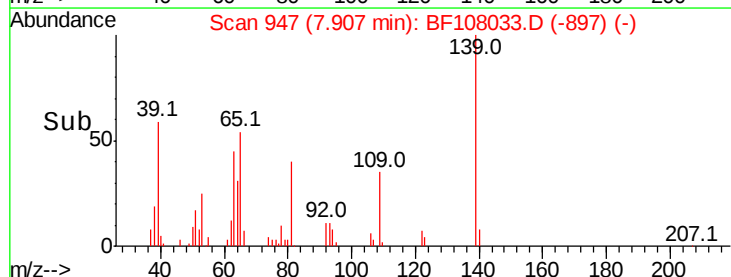
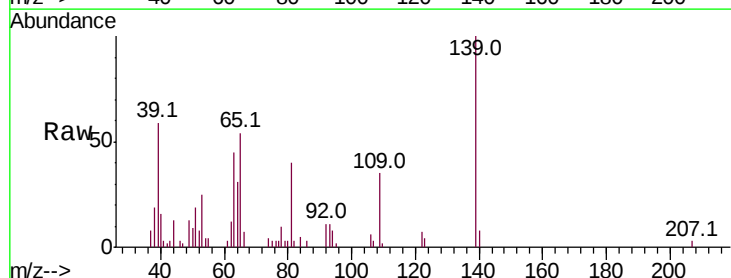
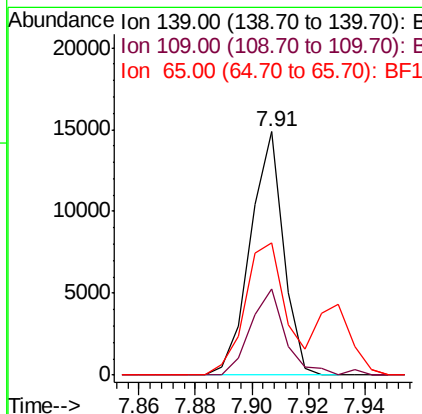
RT: 7.91 min Scan# 947

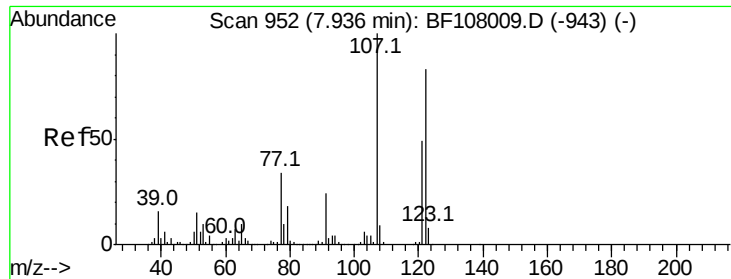
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	139	Resp:	12086
Ion Ratio	Lower	Upper	
139	100		
109	35.2	22.7	34.1#
65	54.4	40.5	60.7





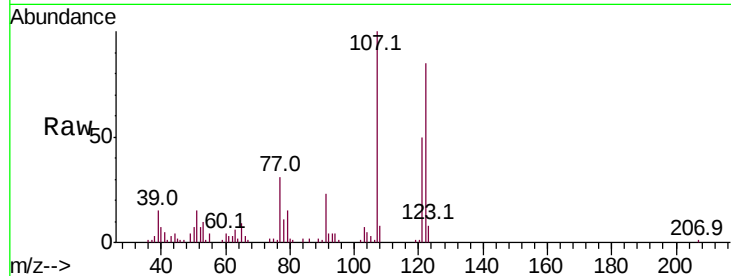
#27
 2,4-Dimethylphenol
 Concen: 2.192 ng
 RT: 7.93 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	118.3	91.2	136.8
121	59.2	47.2	70.8

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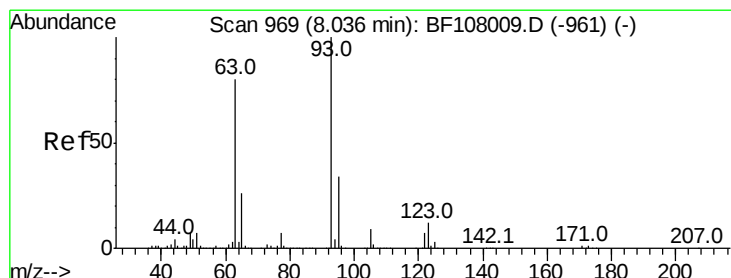
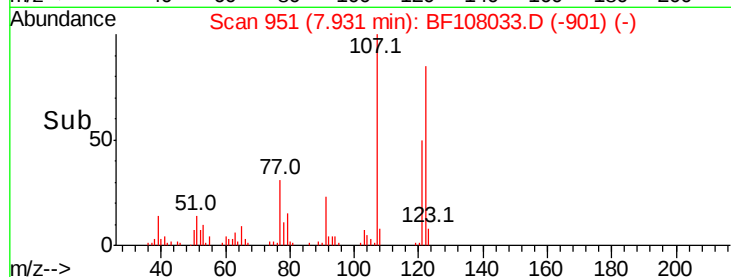
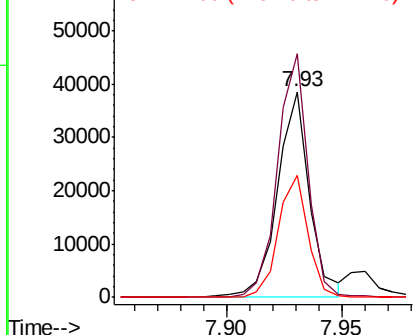


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.317 ng
 RT: 8.03 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

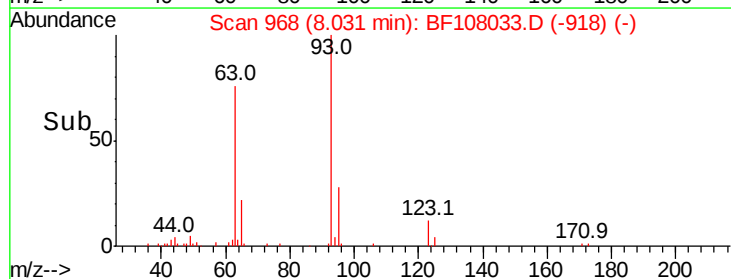
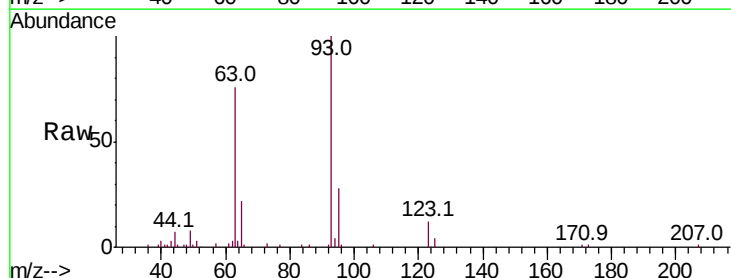
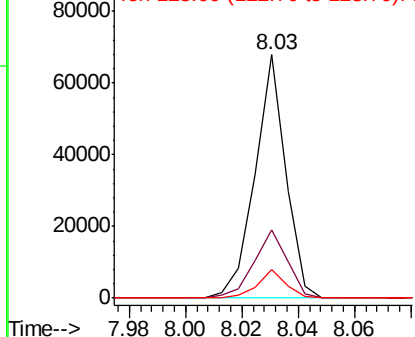
Tgt Ion	Ratio	Lower	Upper
93	100		
95	28.1	26.3	39.5
123	11.7	9.8	14.6

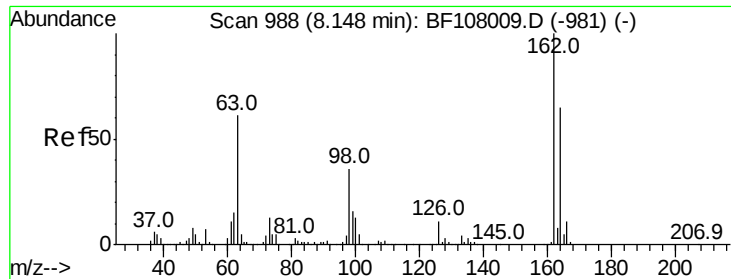
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





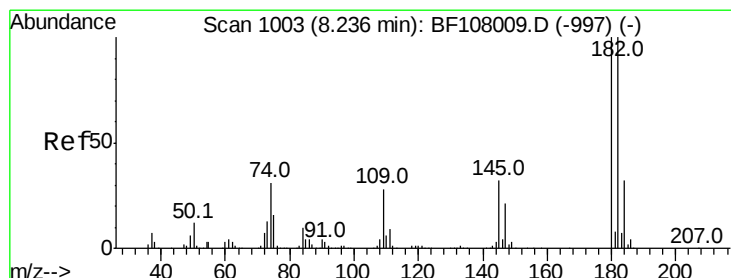
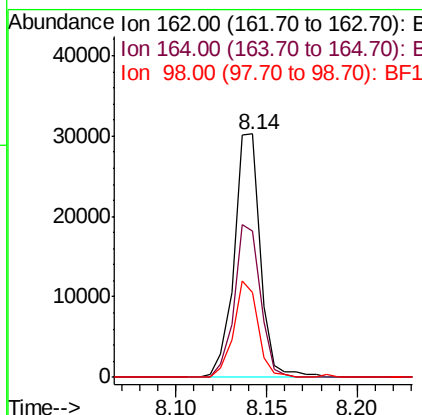
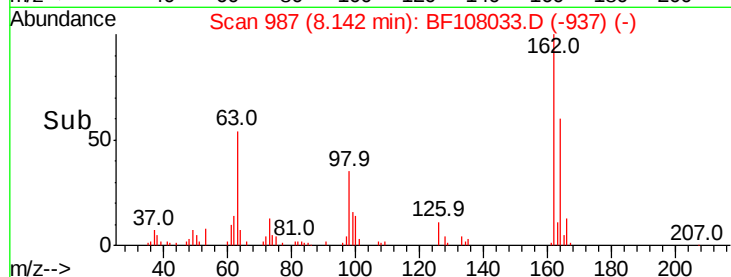
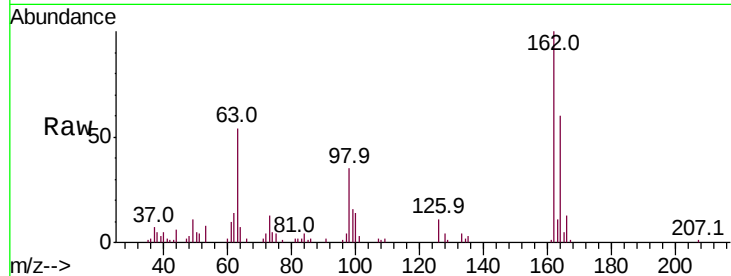
#29
2,4-Dichlorophenol
Concen: 1.964 ng
RT: 8.14 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
162	100	30488		
164	60.1	42.7	82.7	
98	34.7	18.1	58.1	

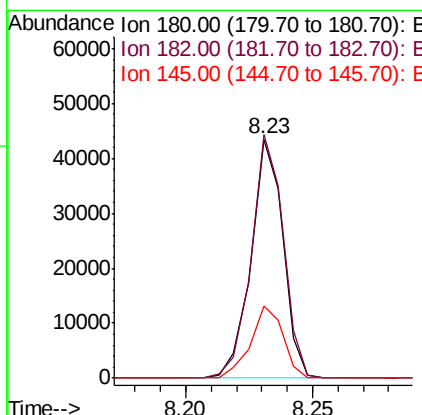
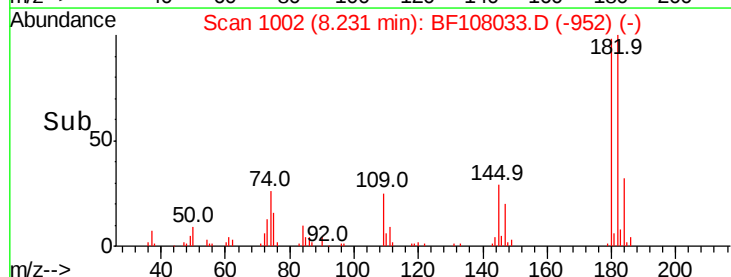
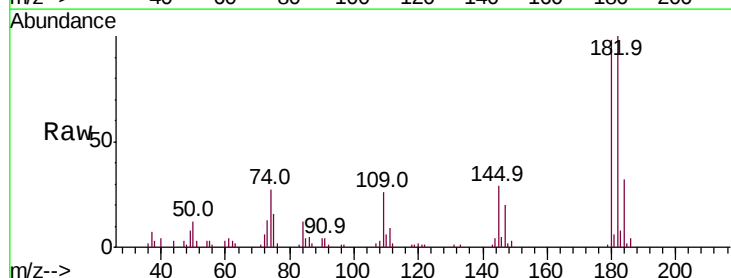
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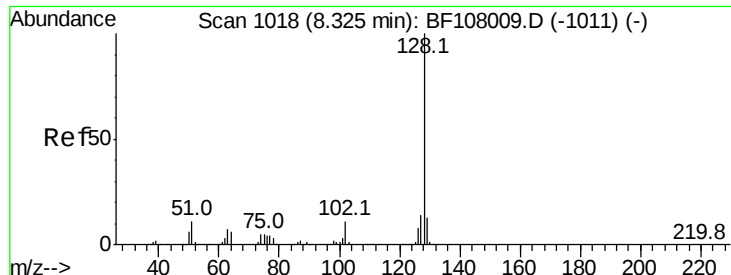
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#30
1,2,4-Trichlorobenzene
Concen: 2.231 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	38196		
182	101.9	76.8	115.2	
145	30.0	26.5	39.7	





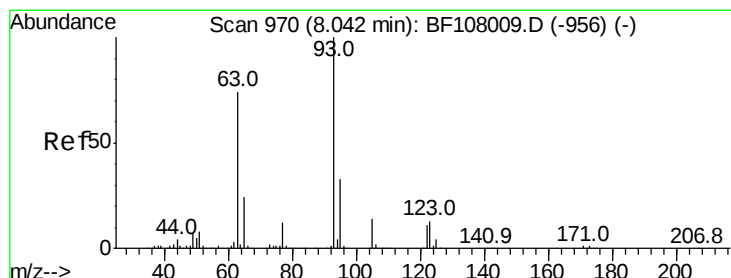
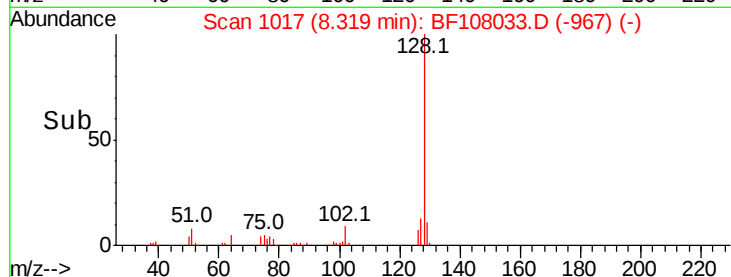
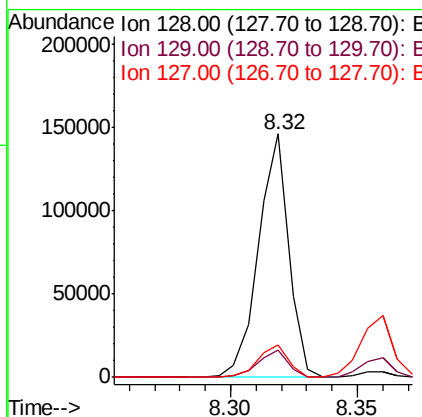
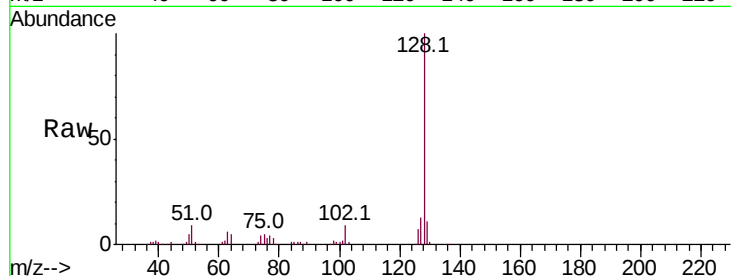
#31
Naphthalene
Concen: 2.405 ng
RT: 8.32 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
128	100	121743		
129	11.1	8.8	13.2	
127	13.2	10.9	16.3	

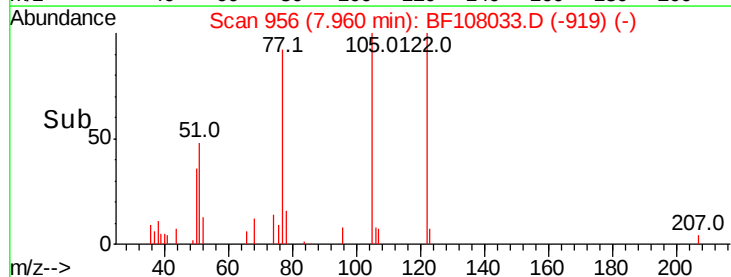
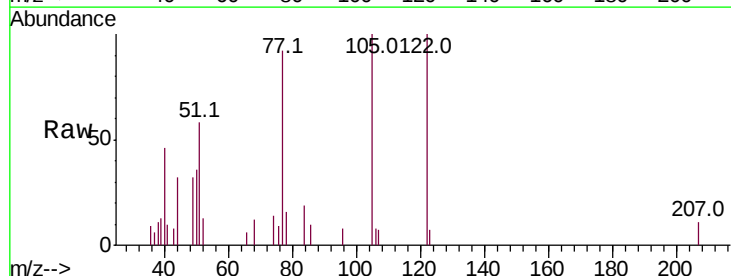
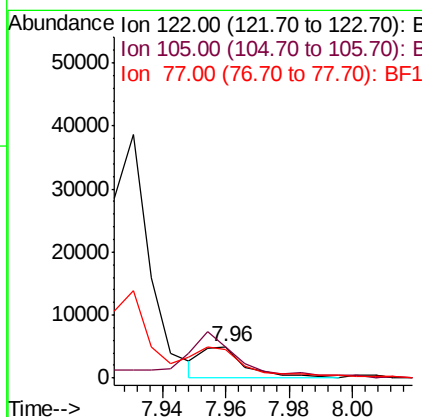
Manual Integrations
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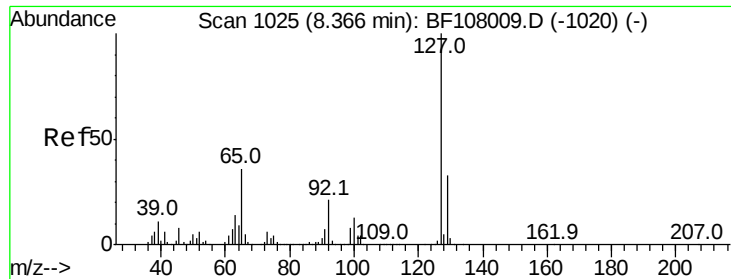
Sohil
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#32
Benzoic acid
Concen: 6.409 ng
RT: 7.96 min Scan# 956
Delta R.T. -0.08 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	4858		
105	99.9	101.1	141.1#	
77	92.4	70.7	110.7	





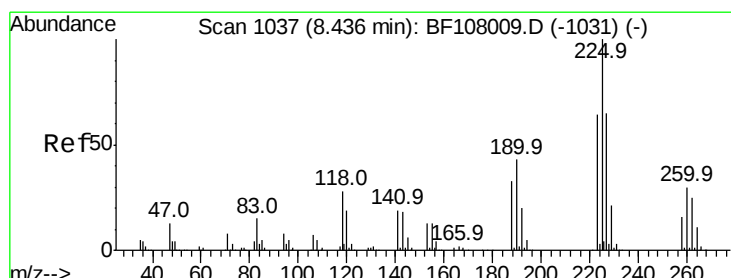
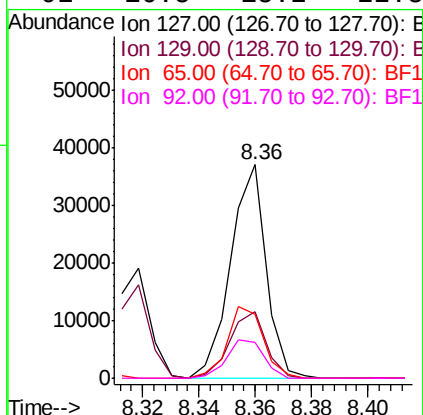
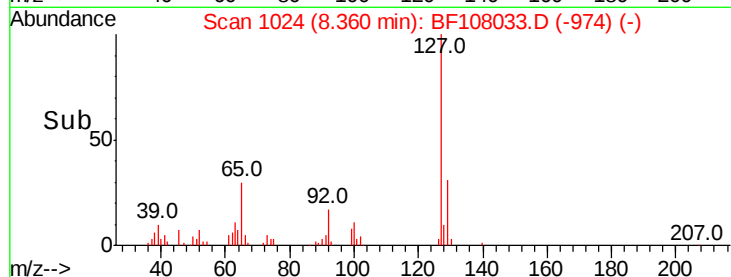
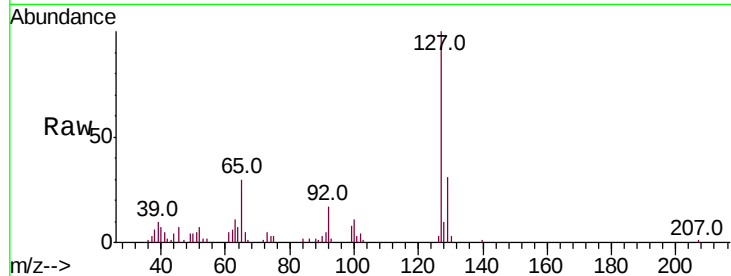
#33
4-Chloroaniline
Concen: 1.469 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.3	25.9	38.9	
65	29.8	25.0	37.4	
92	16.5	15.2	22.8	

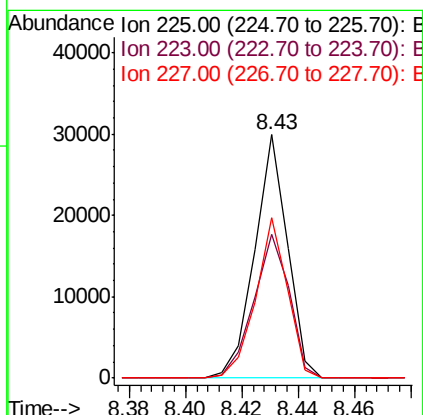
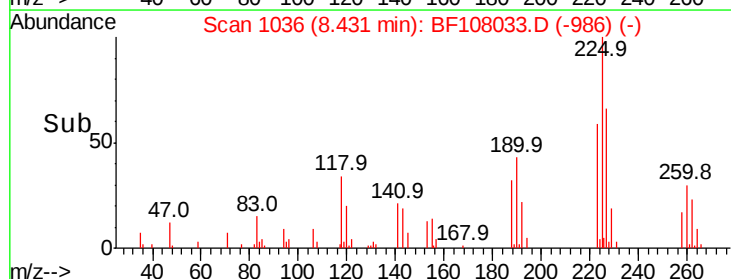
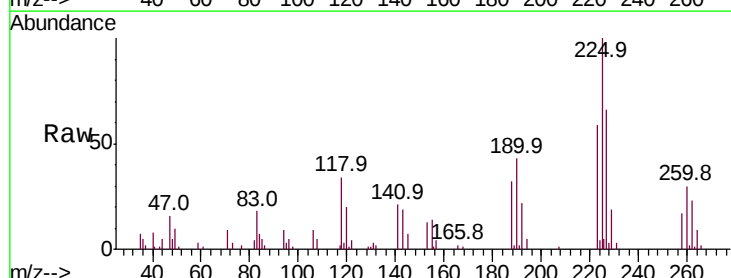
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#34
Hexachlorobutadiene
Concen: 2.230 ng
RT: 8.43 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	59.0	50.6	76.0	
227	65.7	51.9	77.9	





#35

Caprolactam

Concen: 1.889 ng

RT: 8.68 min Scan# 1078

Delta R.T. -0.06 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

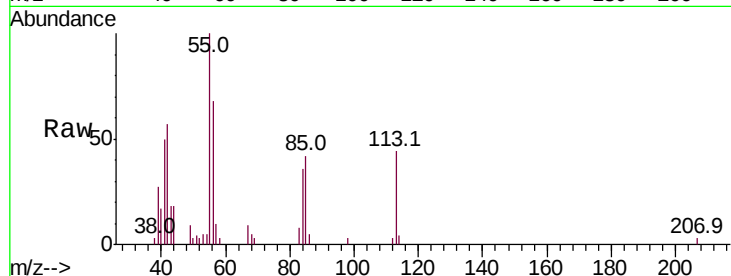
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
113	100		
55	227.7	163.3	203.3#
56	155.2	115.7	155.7

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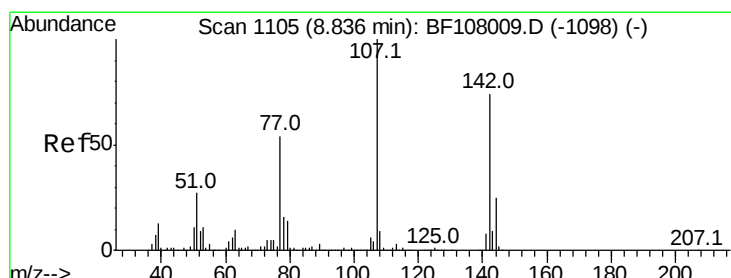
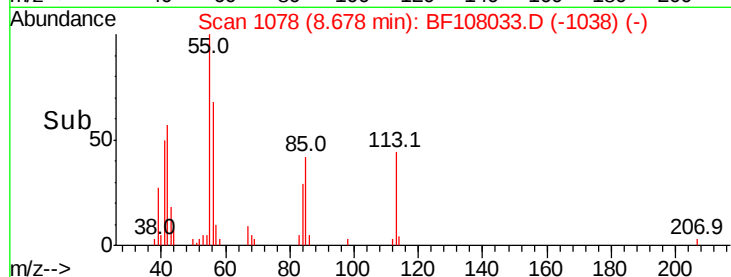
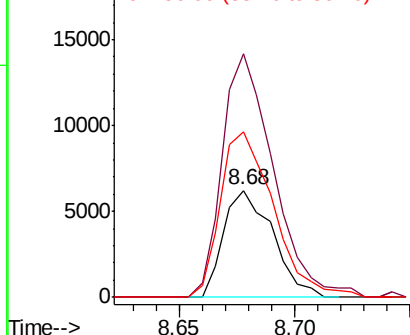


Abundance

Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 1.983 ng

RT: 8.82 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

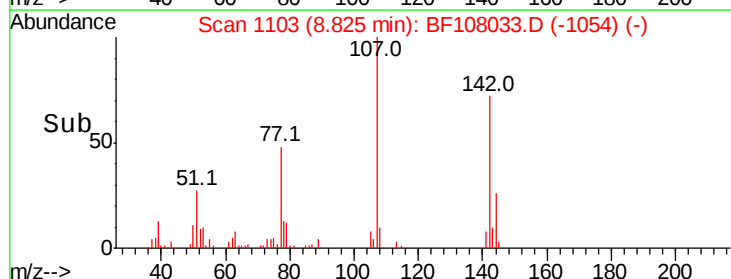
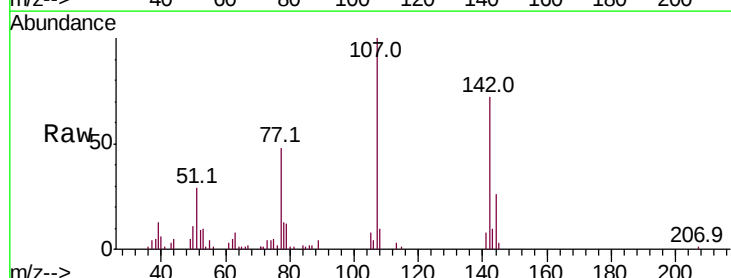
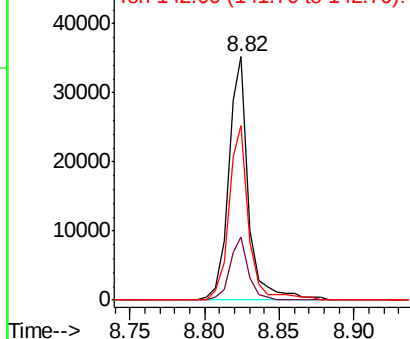
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	20.5	30.7
142	71.6	62.0	93.0

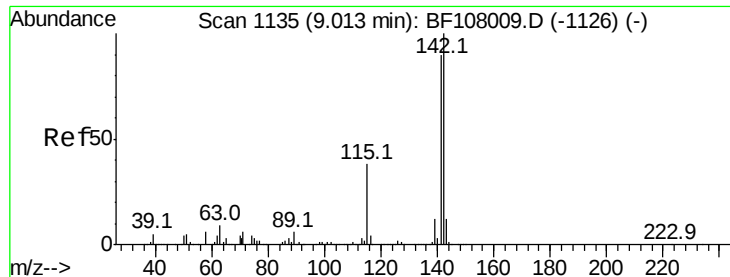
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





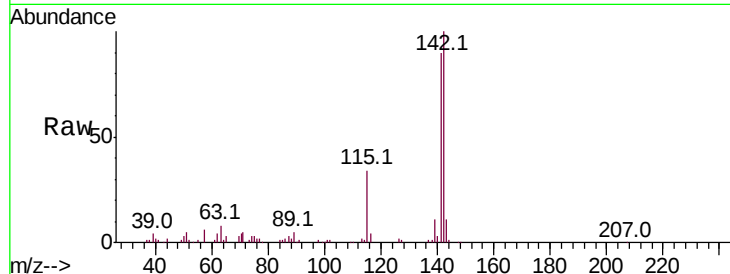
#37
2-Methylnaphthalene
Concen: 2.414 ng
RT: 9.01 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	33.6	26.1	39.1

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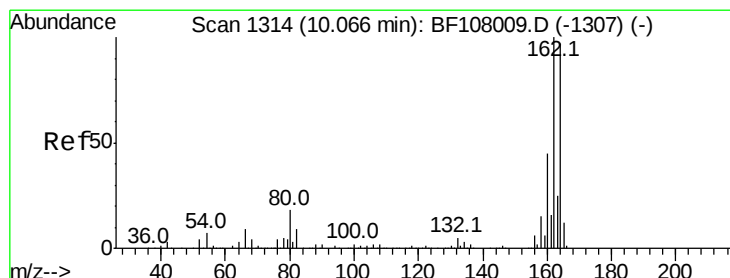
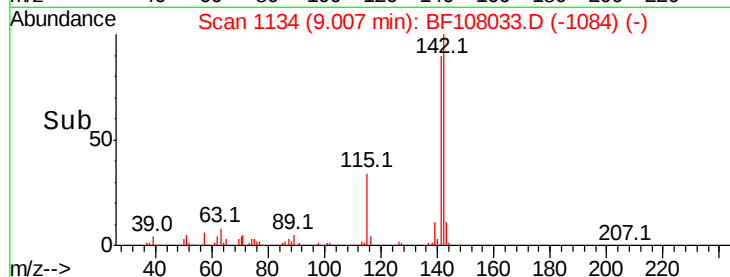
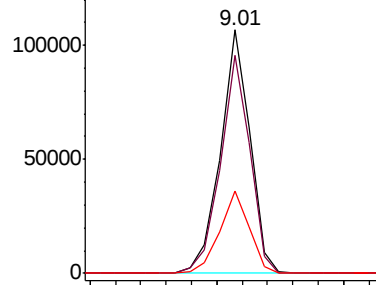


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.06 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

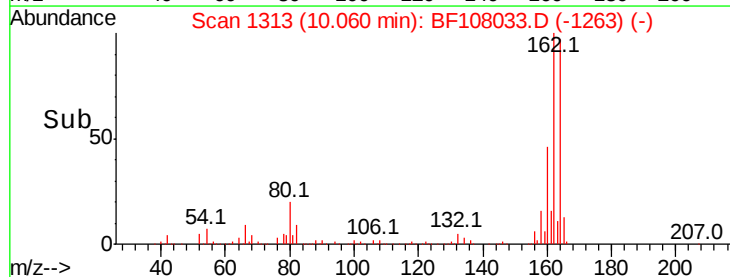
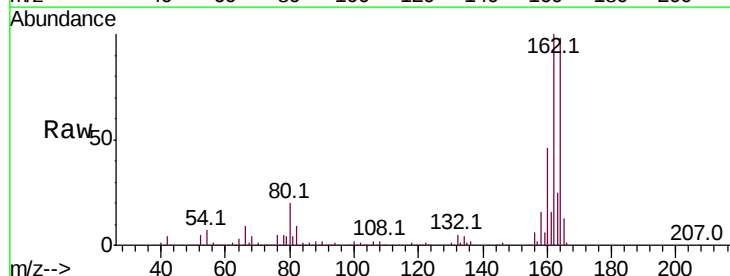
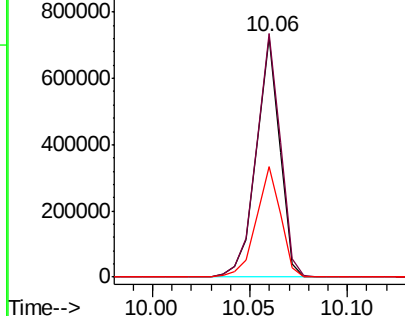
Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	86.1	129.1
160	46.3	38.3	57.5

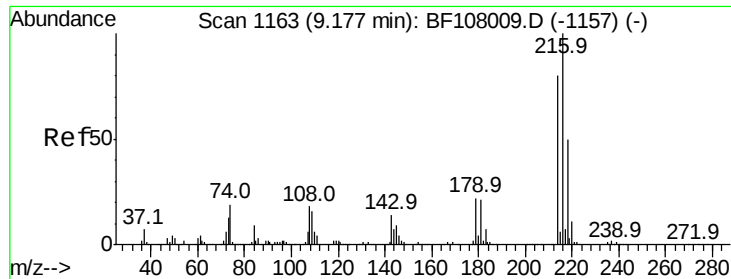
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





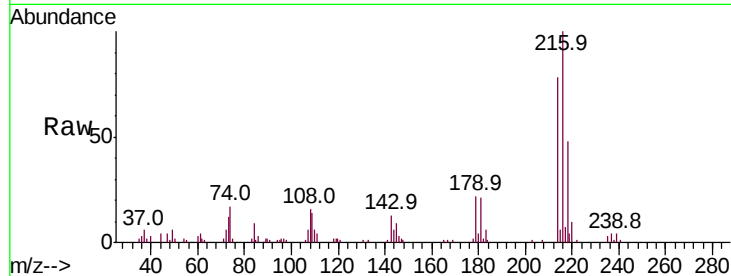
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.261 ng
 RT: 9.17 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

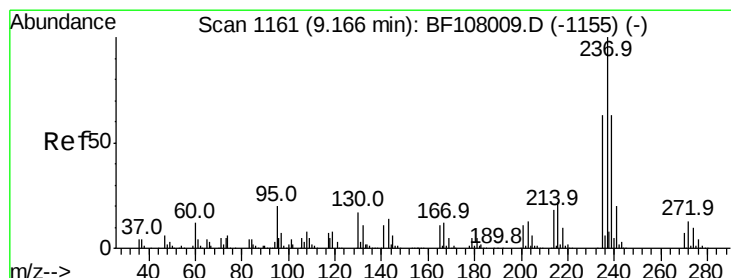
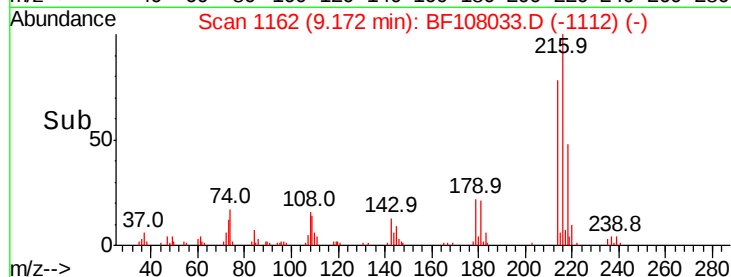
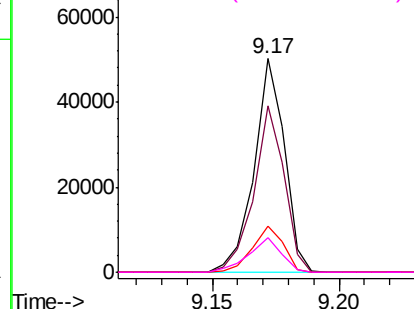
Tot Ion:	216	Resp:	41962
Ion Ratio	Lower	Upper	
216	100		
214	77.7	63.0	94.4
179	22.3	18.1	27.1
108	17.1	17.2	25.8#

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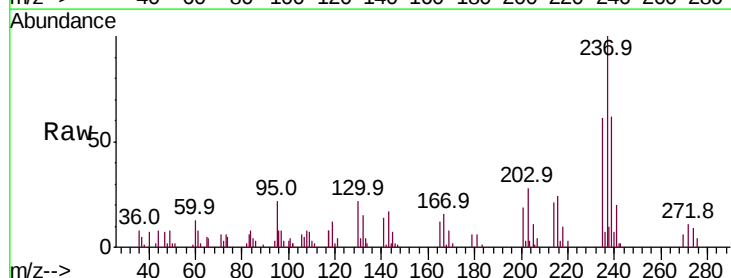


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

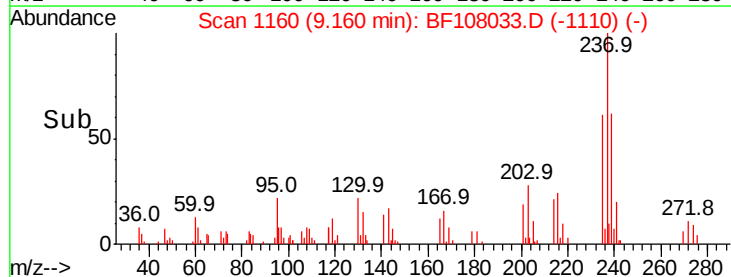
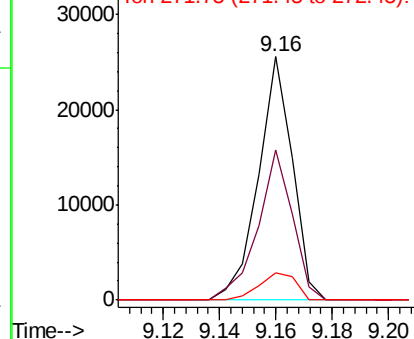


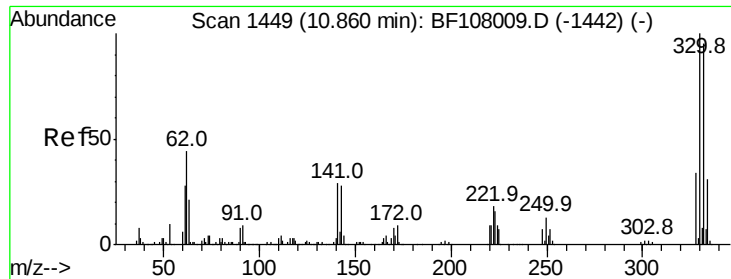
#40
 Hexachlorocyclopentadiene
 Concen: 1.784 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:	237	Resp:	21386
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.8	84.8
272	11.1	0.0	33.3



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





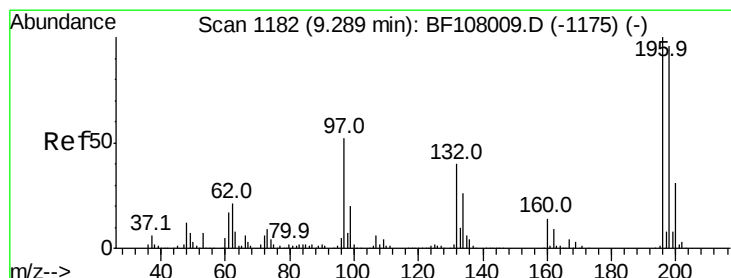
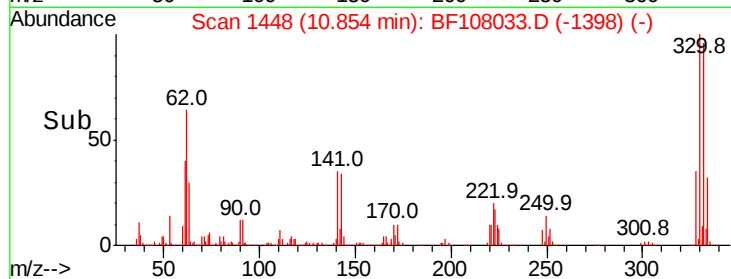
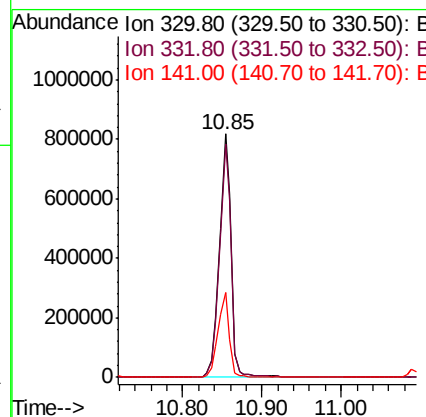
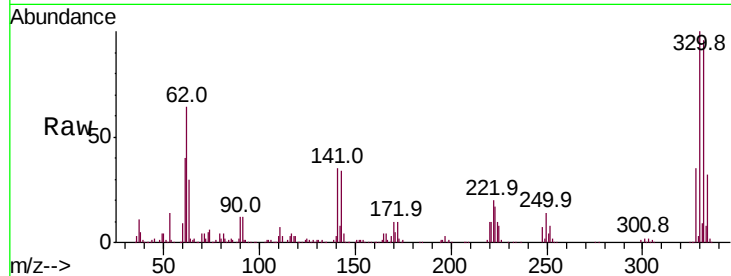
#41
 2,4,6-Tribromophenol
 Concen: 139.713 ng
 RT: 10.85 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	33.9	29.9	44.9	

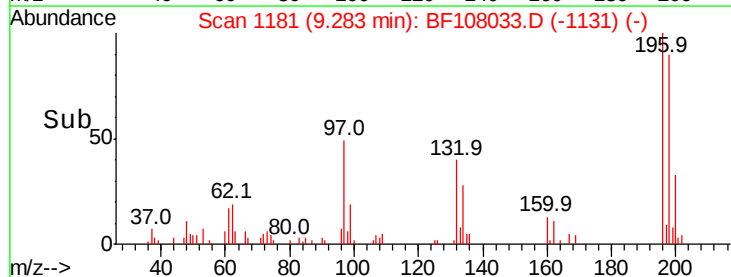
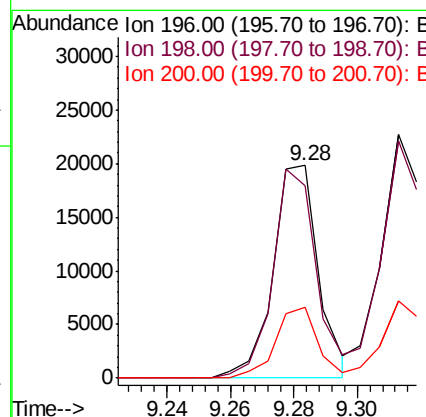
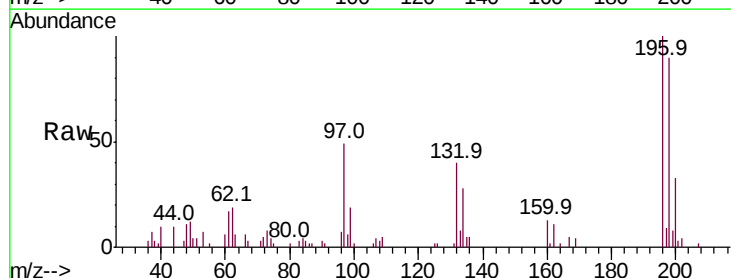
Manual Integrations
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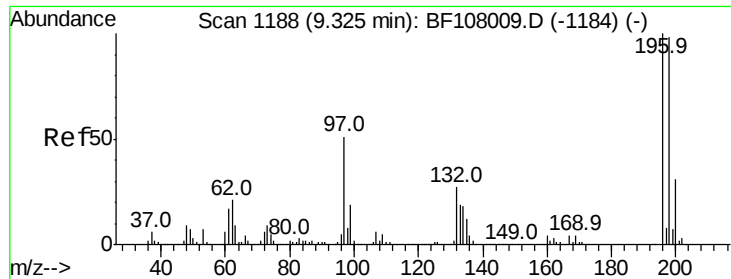
Sohil
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#42
 2,4,6-Trichlorophenol
 Concen: 1.717 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	90.4	75.7	113.5	
200	33.3	24.5	36.7	





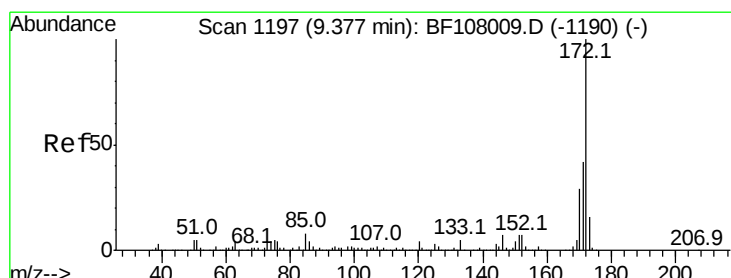
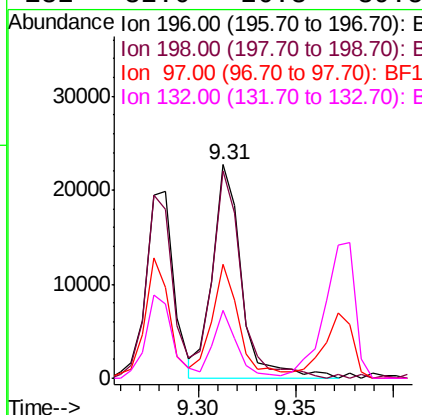
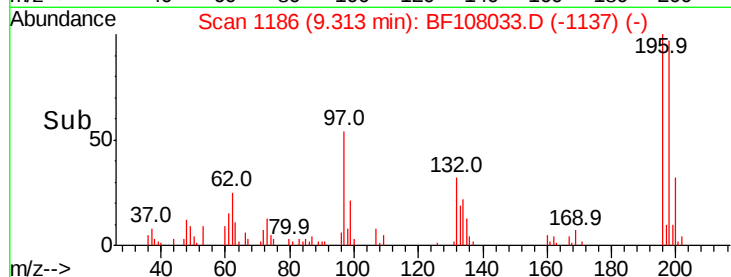
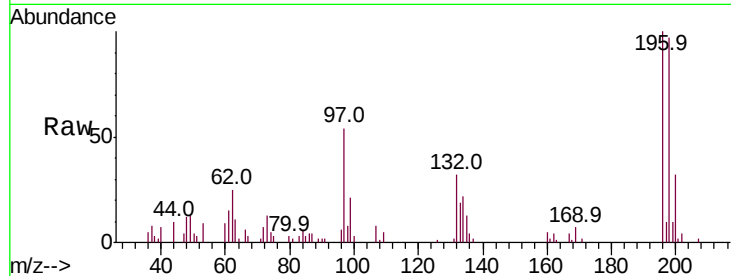
#43
 2,4,5-Trichlorophenol
 Concen: 1.858 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
196	100	23555		
198	97.2		74.6	112.0
97	53.5		42.9	64.3
132	32.0		26.3	39.5

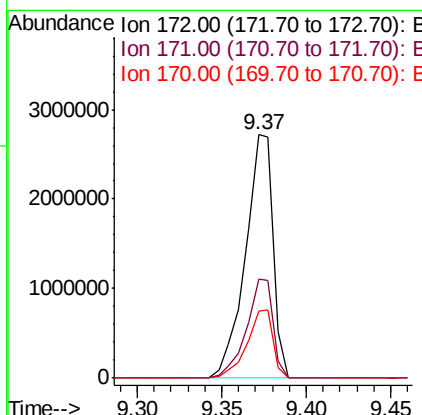
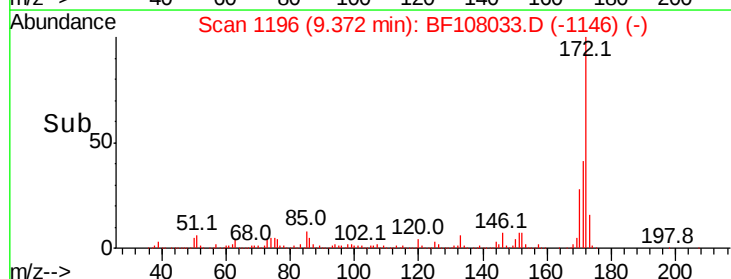
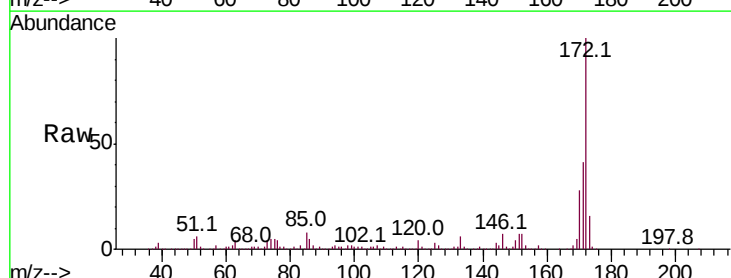
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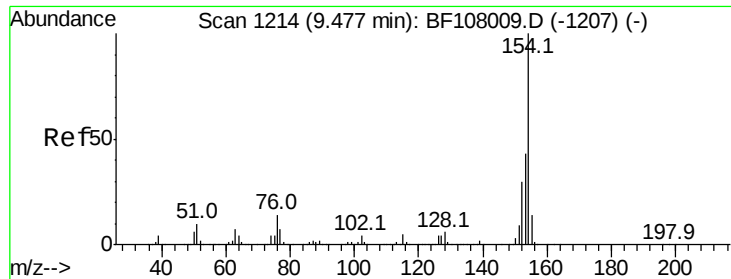
Sohil
 8/9/2018 5:01:36 PM



#44
 2-Fluorobiphenyl
 Concen: 82.942 ng
 RT: 9.37 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3122224		
171	40.6		29.7	44.5
170	27.8		19.6	29.4





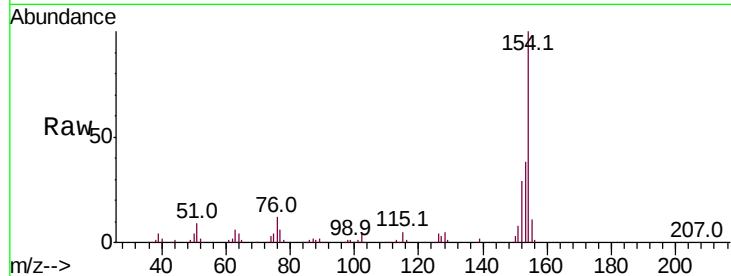
#45
 1,1'-Biphenyl
 Concen: 2.516 ng
 RT: 9.47 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

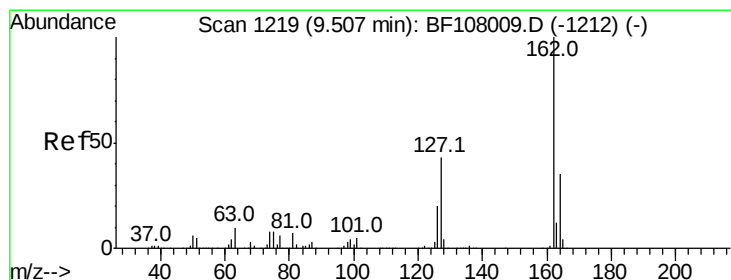
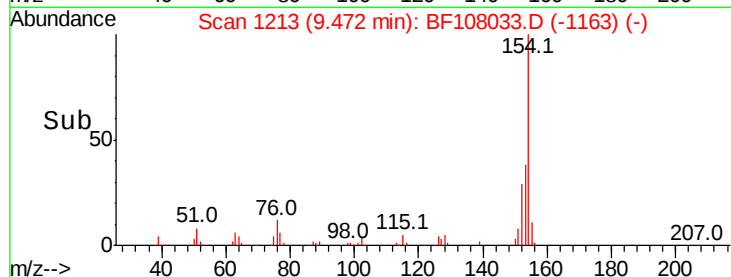
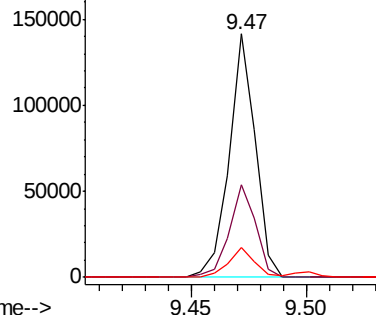
Tot Ion:	154	Resp:	112105
Ion Ratio	Lower	Upper	
154	100		
153	38.0	21.3	61.3
76	12.1	0.0	34.0

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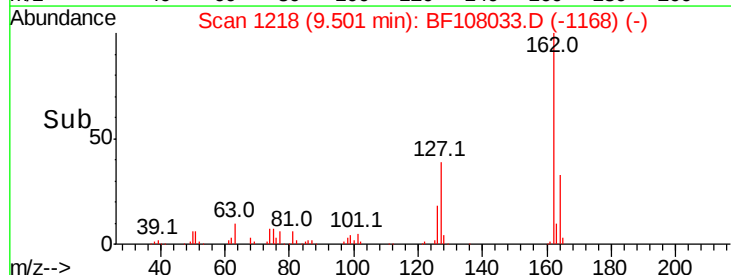
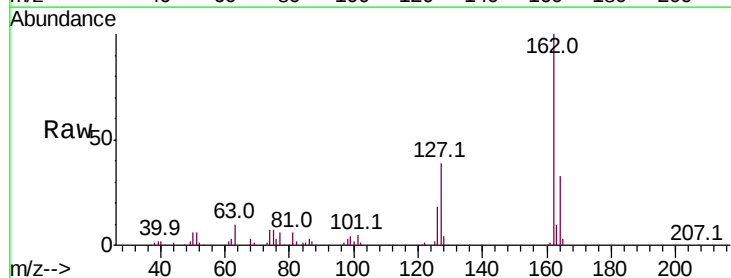
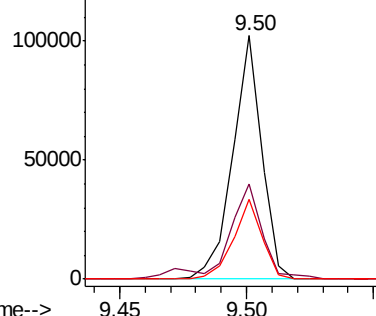
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

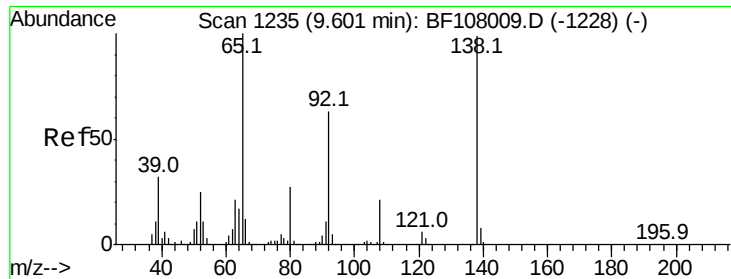


#46
 2-Chloronaphthalene
 Concen: 2.339 ng
 RT: 9.50 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:	162	Resp:	82390
Ion Ratio	Lower	Upper	
162	100		
127	39.3	33.9	50.9
164	32.8	26.5	39.7

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





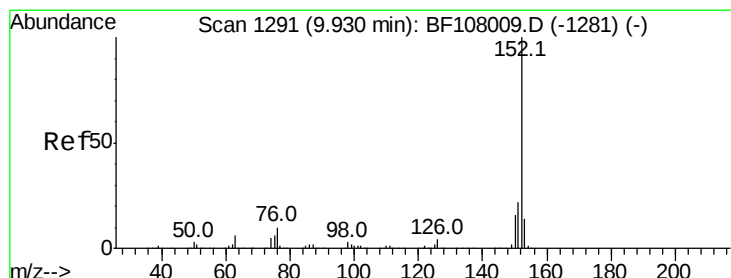
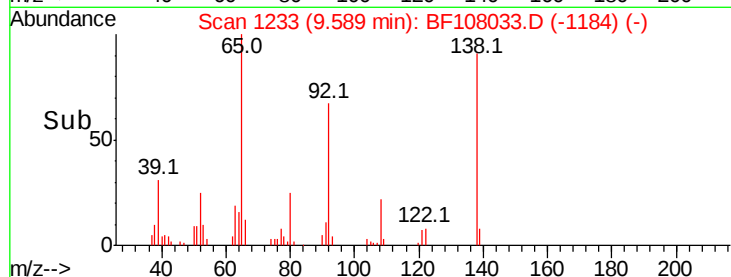
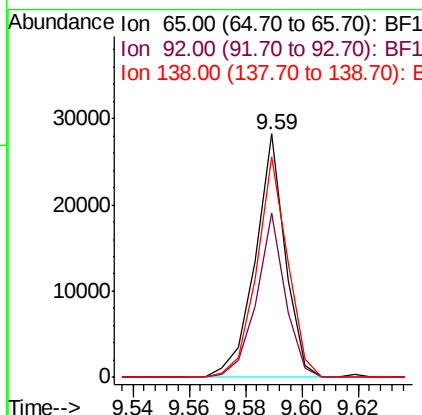
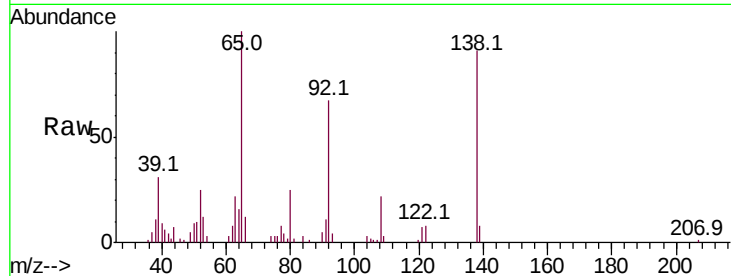
#47
2-Nitroaniline
Concen: 1.816 ng
RT: 9.59 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.4	55.8	83.6
138	90.8	91.2	136.8

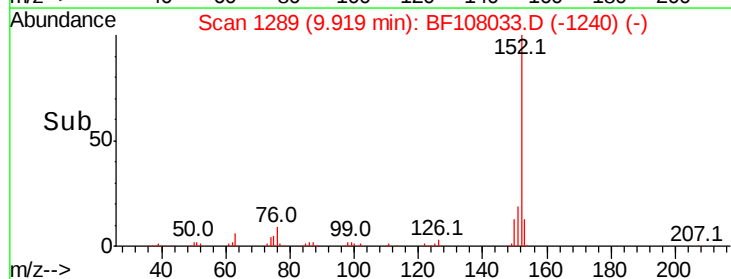
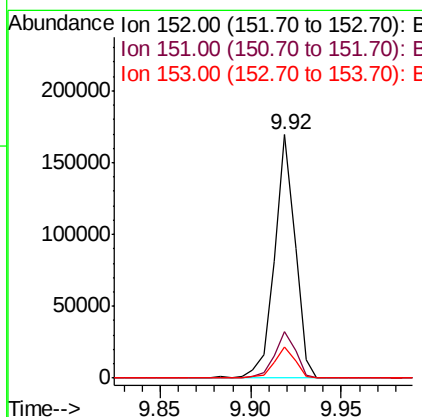
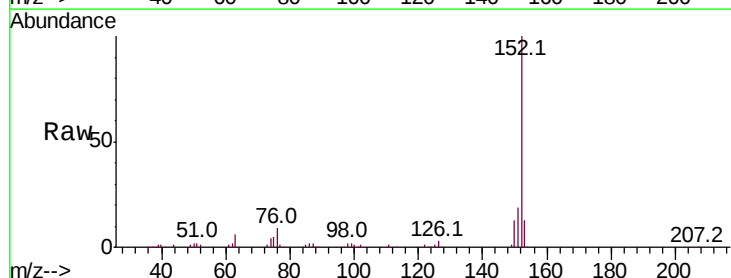
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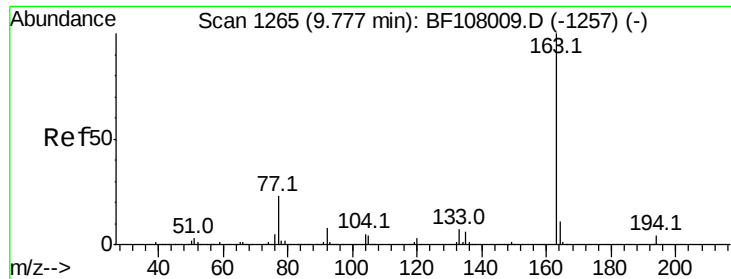
Sohil
8/9/2018 5:01:36 PM



#48
Acenaphthylene
Concen: 2.406 ng
RT: 9.92 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.3	24.5
153	12.6	10.7	16.1





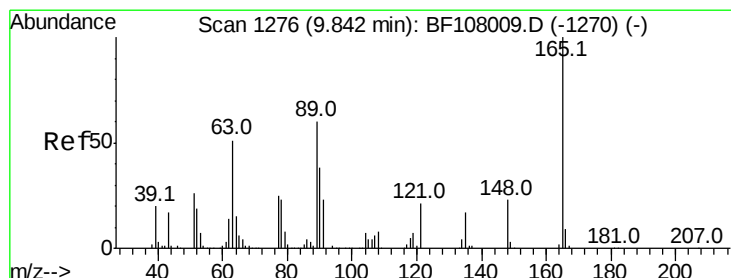
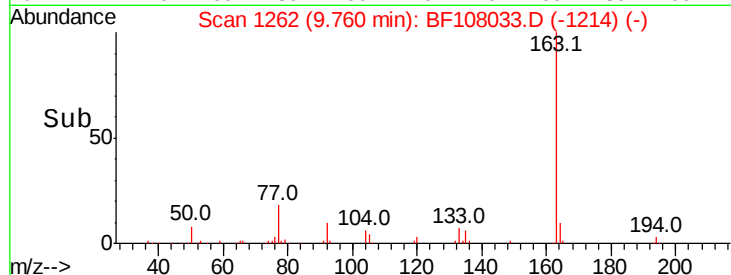
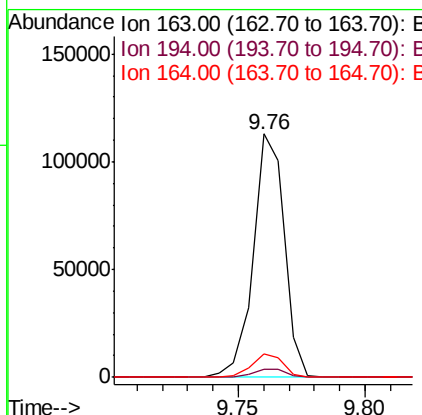
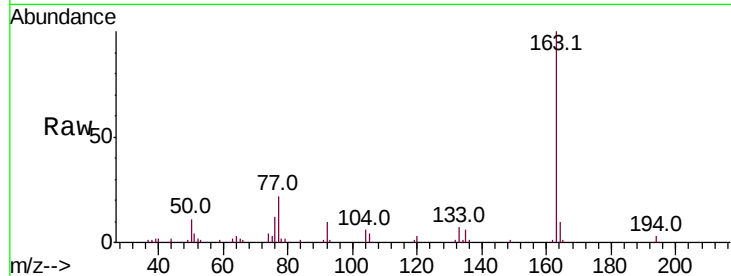
#49
 Dimethylphthalate
 Concen: 2.299 ng
 RT: 9.76 min Scan# 1262
 Delta R.T. -0.02 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion:	163	Resp:	96765
Ion Ratio	Lower	Upper	
163	100		
194	3.4	2.7	4.1
164	9.7	8.2	12.2

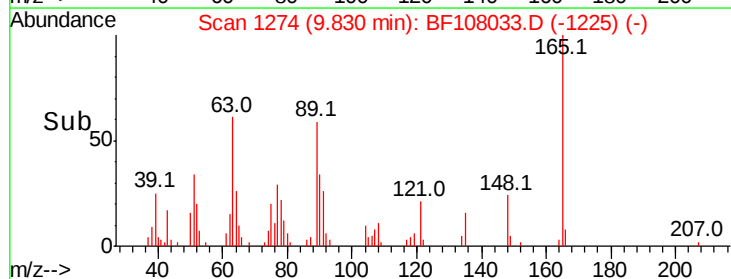
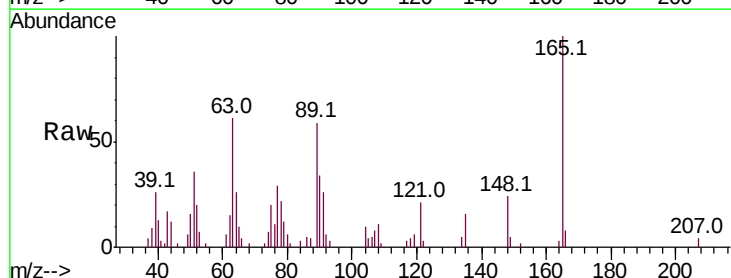
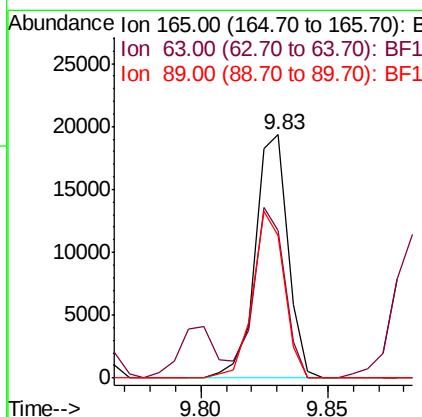
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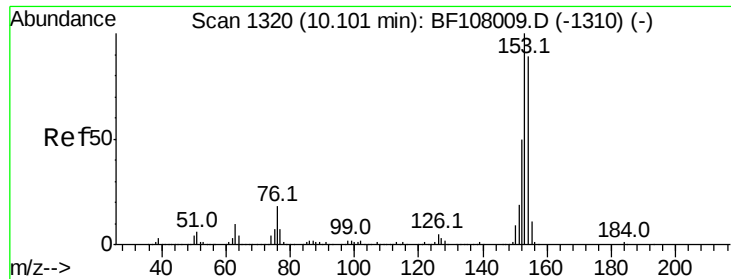
Sohil
 8/9/2018 5:01:36 PM



#50
 2,6-Dinitrotoluene
 Concen: 1.984 ng
 RT: 9.83 min Scan# 1274
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion:	165	Resp:	17475
Ion Ratio	Lower	Upper	
165	100		
63	60.7	44.7	67.1
89	58.6	44.0	66.0





#51

Acenaphthene

Concen: 2.366 ng

RT: 10.09 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

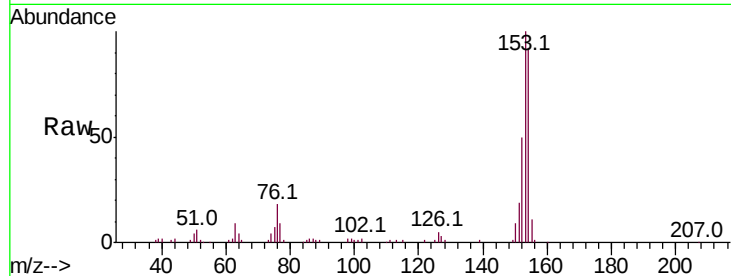
ClientSampleId :

MDL-WATER-03-QT3-2018

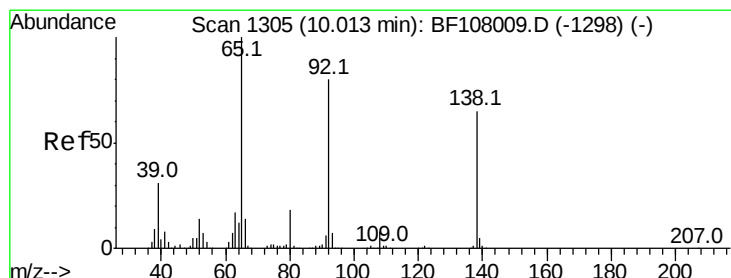
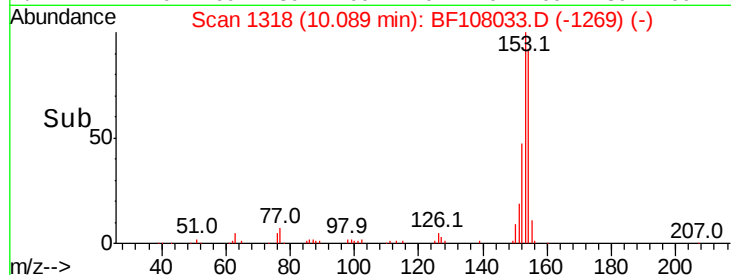
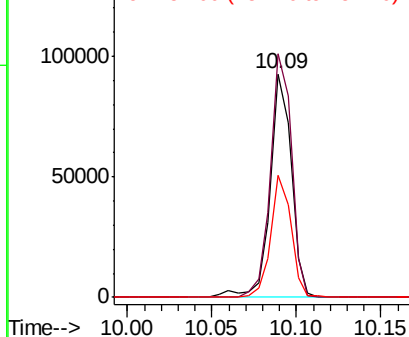
Tot Ion:	154	Resp:	80679
Ion	Ratio	Lower	Upper
154	100		
153	109.0	91.2	136.8
152	54.4	43.8	65.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 1.796 ng

RT: 10.00 min Scan# 1303

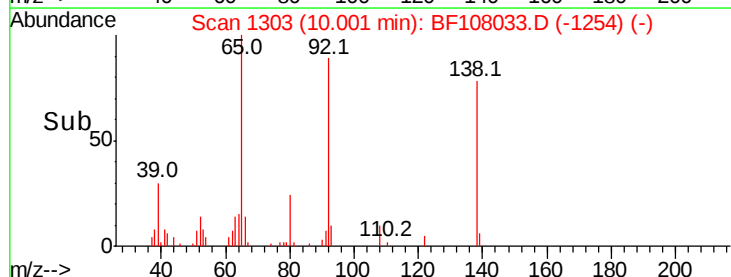
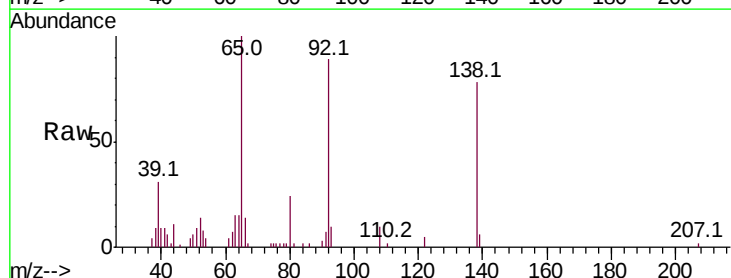
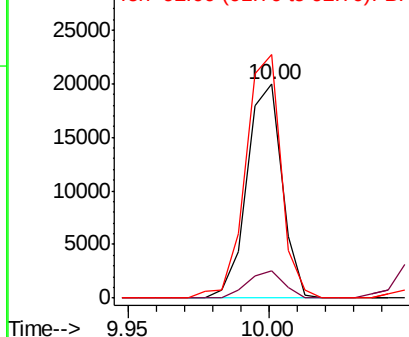
Delta R.T. -0.01 min

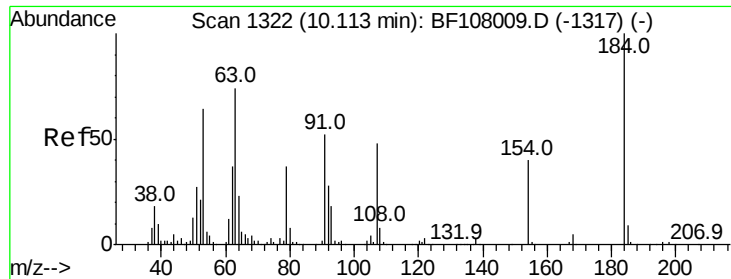
Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	138	Resp:	17309
Ion	Ratio	Lower	Upper
138	100		
108	13.0	9.4	14.0
92	114.0	89.4	134.2

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





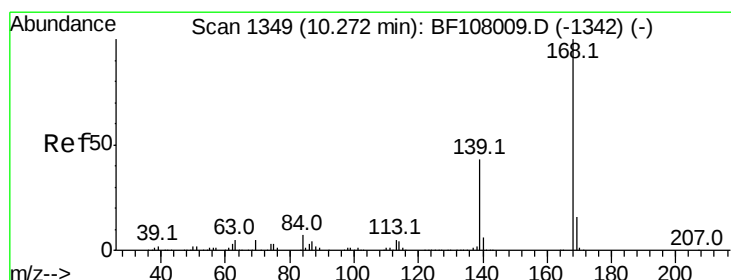
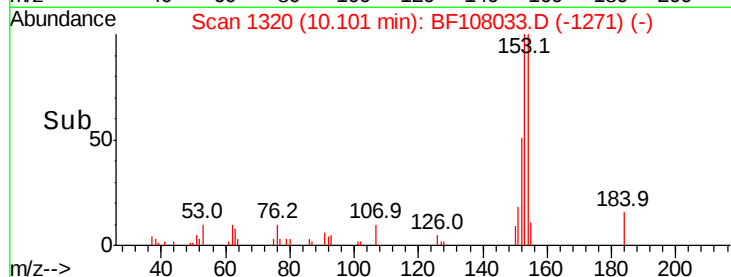
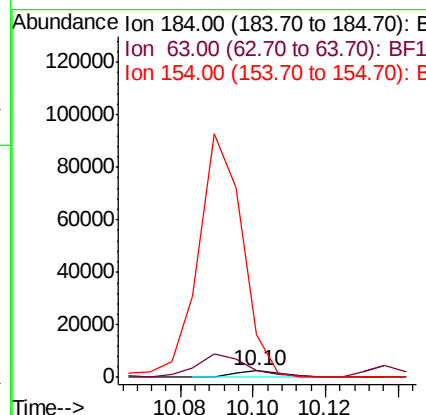
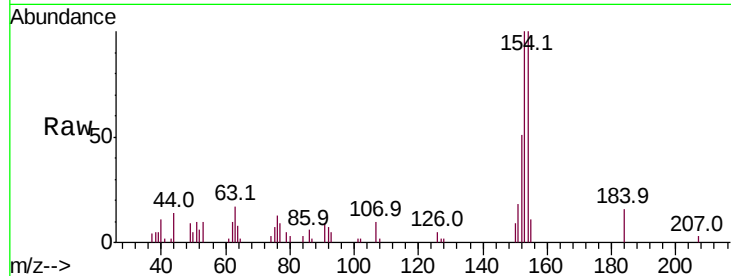
#53
2,4-Dinitrophenol
Concen: 7.627 ng
RT: 10.10 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
184	100		
63	106.9	54.2	81.2#
154	631.2	184.0	276.0#

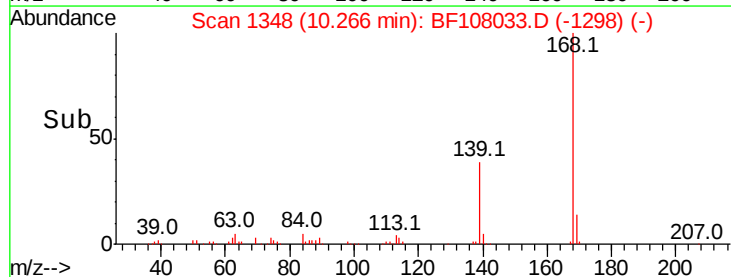
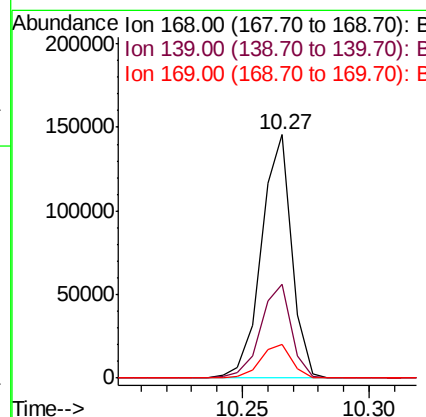
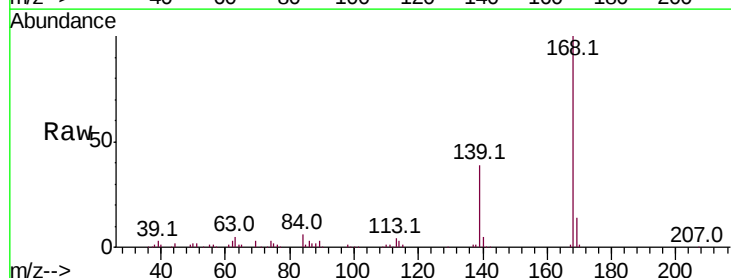
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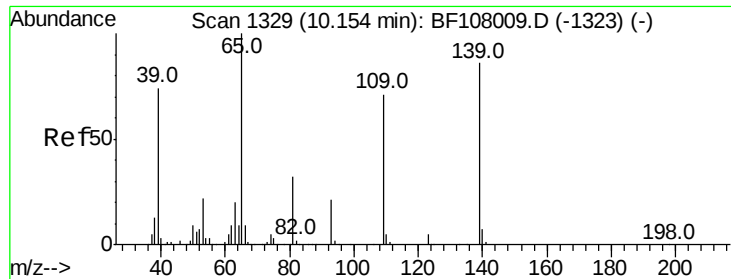
Sohil
8/9/2018 5:01:36 PM



#54
Dibenzofuran
Concen: 2.450 ng
RT: 10.27 min Scan# 1348
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.7	30.1	45.1
169	13.8	10.9	16.3





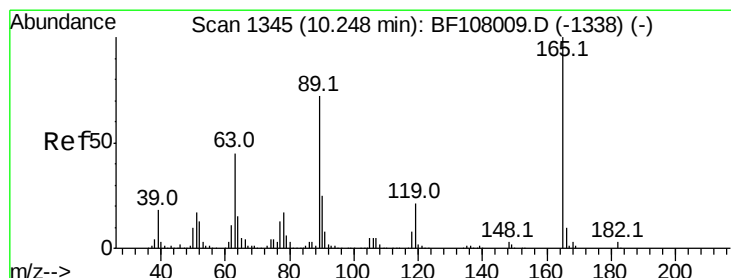
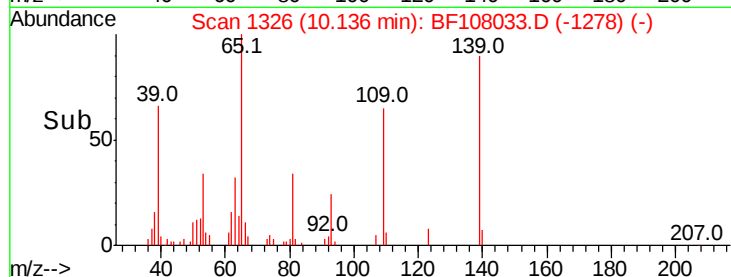
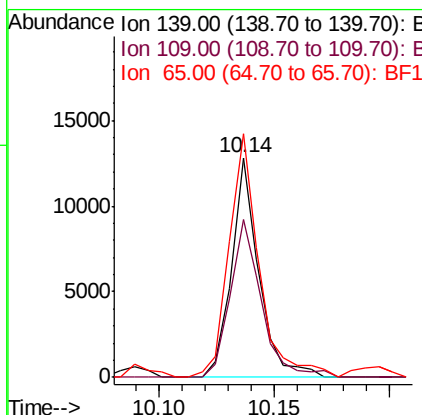
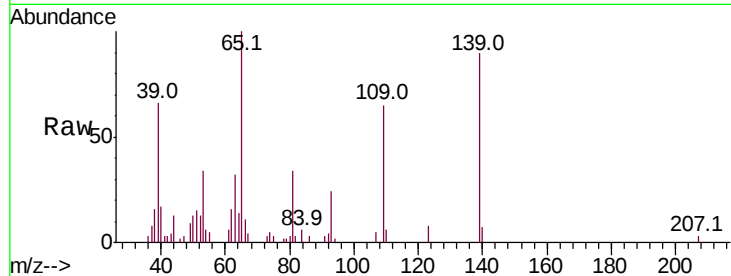
#55
4-Nitrophenol
Concen: 1.449 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
139	100	10573		
109	71.6	48.4	88.4	
65	110.8	72.6	112.6	

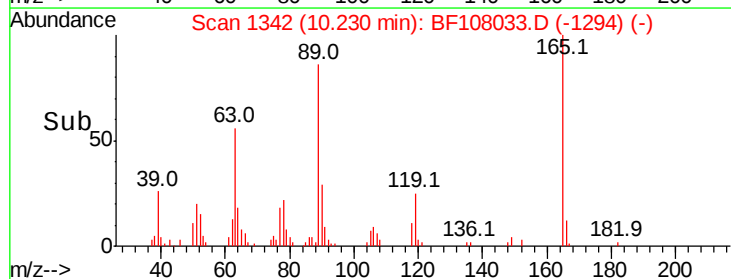
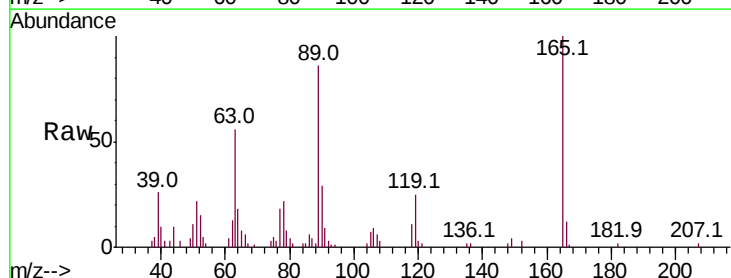
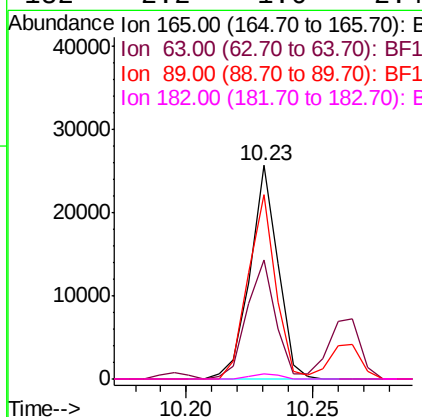
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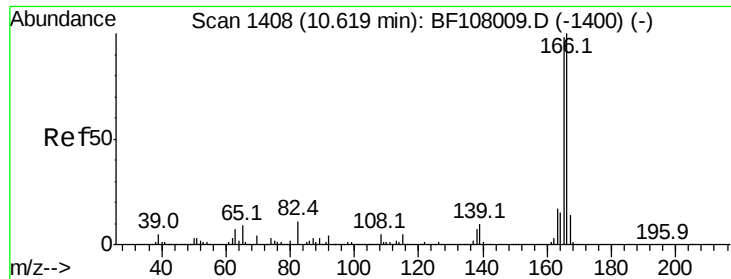
Sohil
8/9/2018 5:01:36 PM



#56
2,4-Dinitrotoluene
Concen: 1.739 ng
RT: 10.23 min Scan# 1342
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	19720		
63	55.5	36.4	54.6	
89	86.4	57.8	86.6	
182	2.2	1.6	2.4	





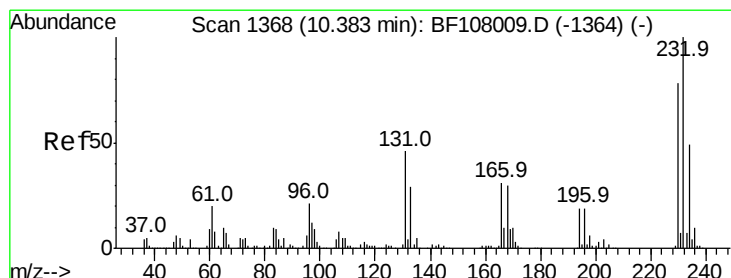
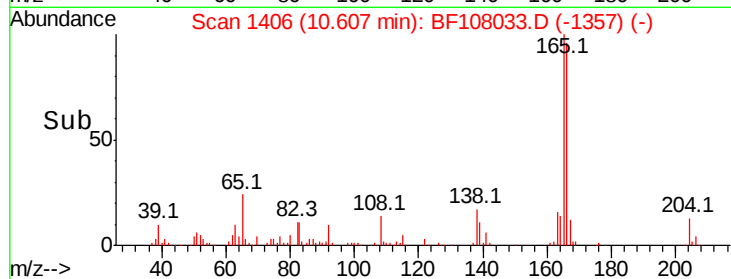
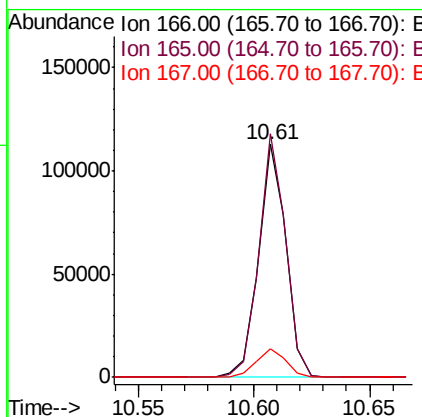
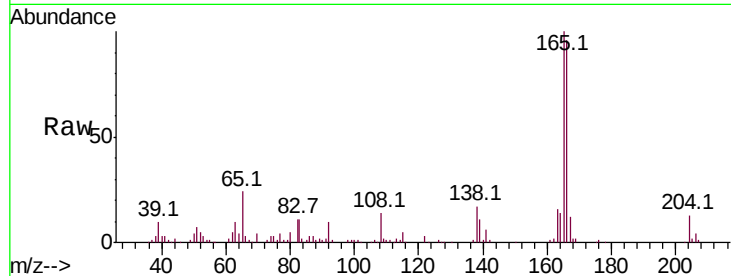
#57
Fluorene
 Concen: 2.393 ng
 RT: 10.61 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
166	100		
165	104.4	79.8	119.8
167	12.1	10.6	16.0

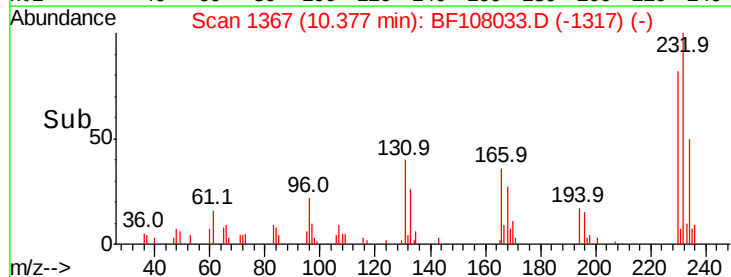
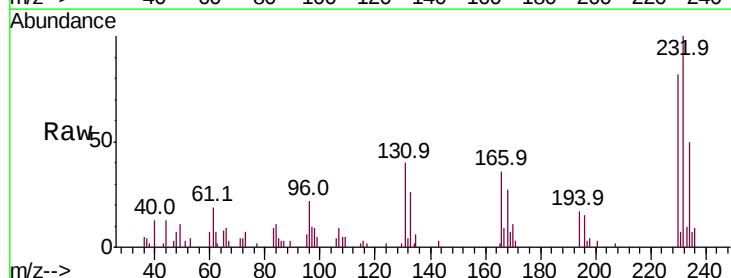
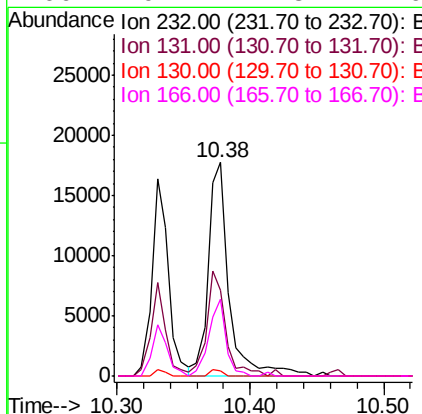
Manual Integrations
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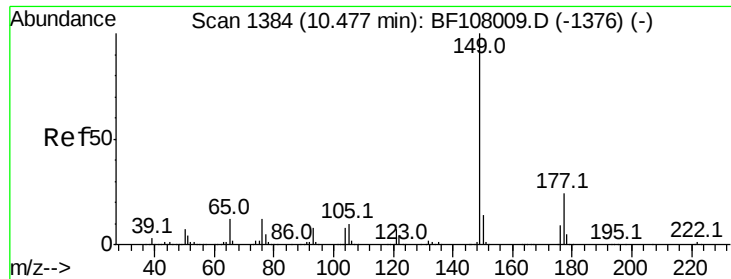
Sohil
 8/9/2018 5:01:36 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 1.831 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.9	43.8	65.8
130	1.8	2.1	3.1#
166	29.4	27.8	41.6





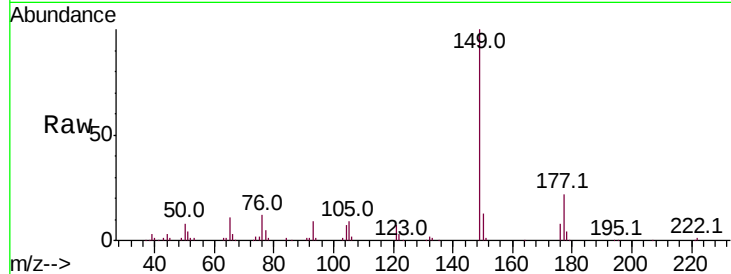
#59
Diethylphthalate
Concen: 2.296 ng
RT: 10.47 min Scan# 1382
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

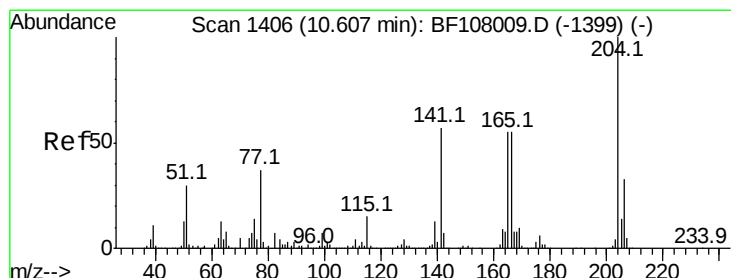
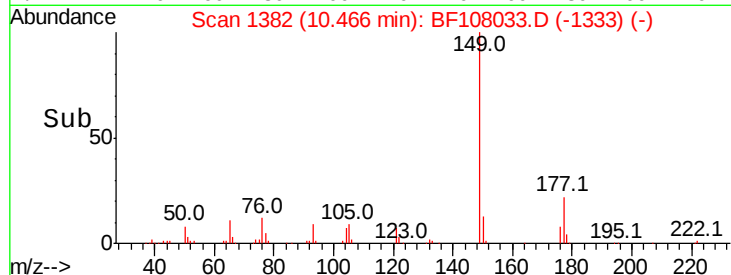
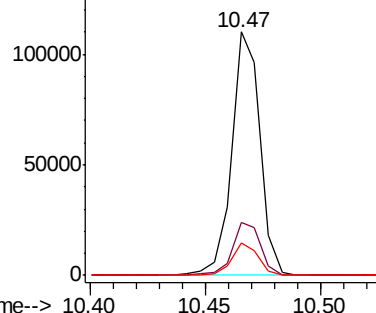
Tot Ion	Ratio	Resp	Lower	Upper
149	100	93592		
177	21.8	16.1	24.1	
150	13.4	10.1	15.1	

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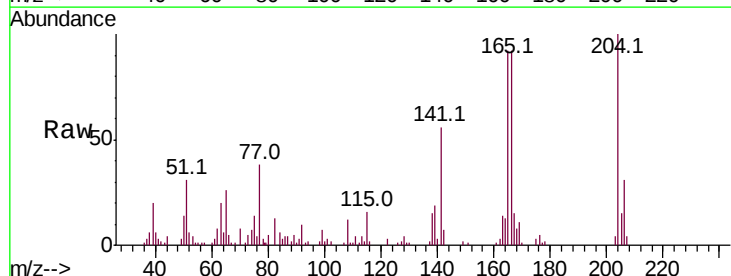


Abundance Ion 149.00 (148.70 to 149.70): E
150000
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

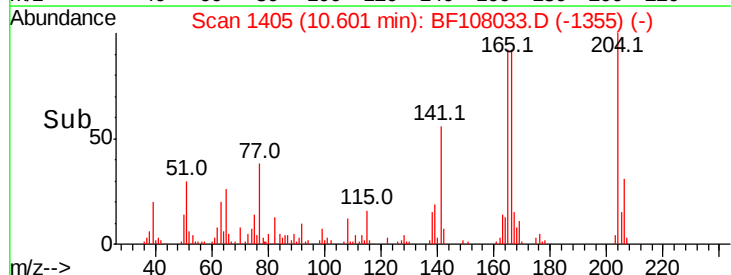
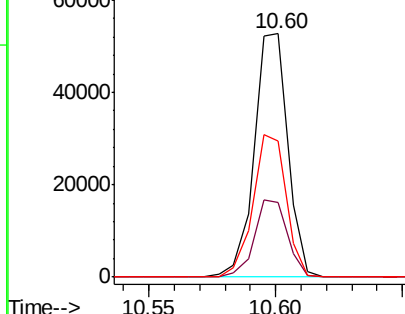


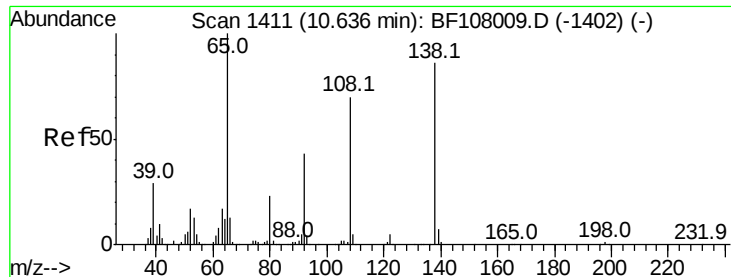
#60
4-Chlorophenyl-phenylether
Concen: 2.404 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	48988		
206	30.6	26.5	39.7	
141	56.0	54.6	81.8	



Abundance Ion 204.00 (203.70 to 204.70): E
60000
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 1.832 ng

RT: 10.61 min Scan# 1406

Delta R.T. -0.03 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

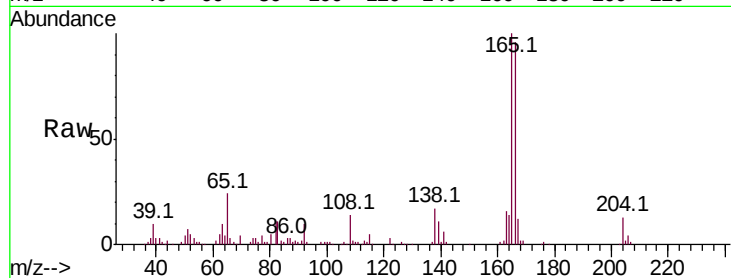
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	138	Resp:	17459
Ion	Ratio	Lower	Upper
138	100		
92	61.3	30.2	70.2
108	83.3	52.5	92.5

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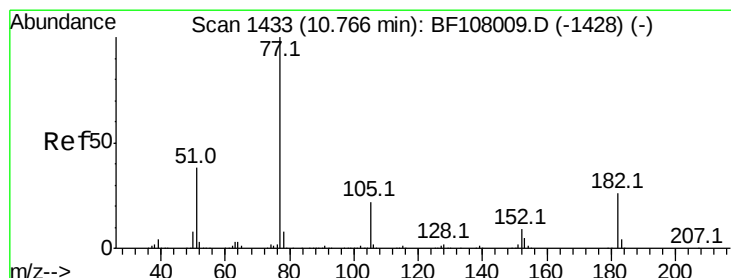
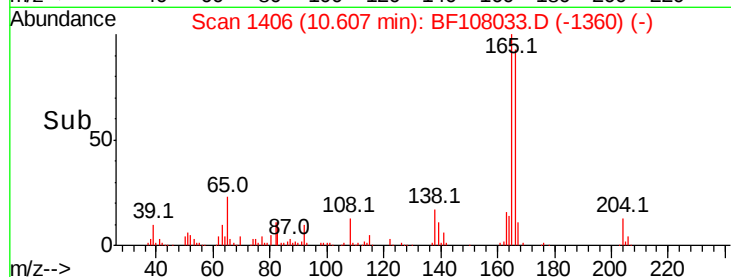
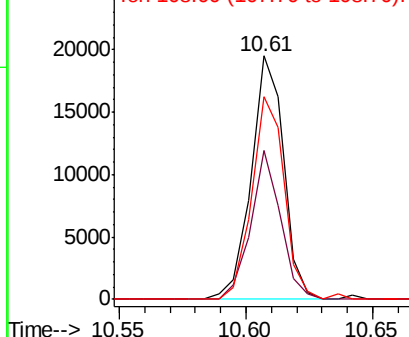


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 2.311 ng

RT: 10.76 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	77	Resp:	97285
Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	21.5	3.0	43.0
51	33.8	9.9	49.9

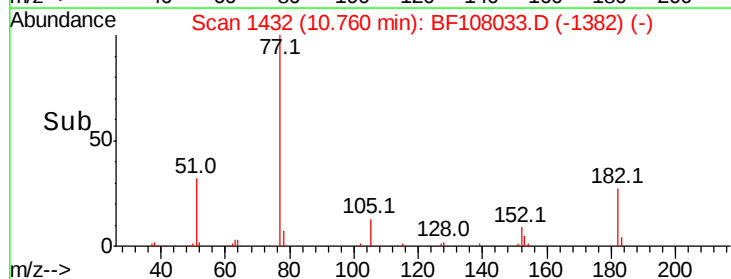
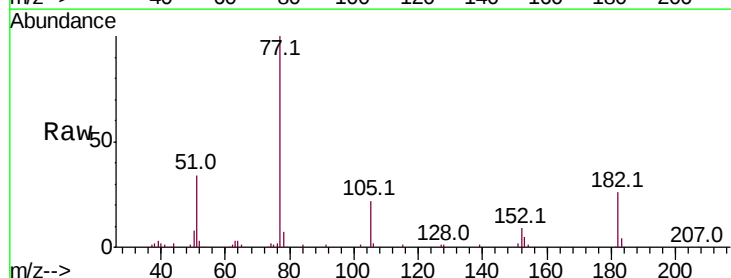
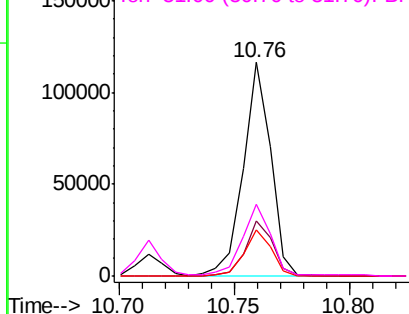
Abundance

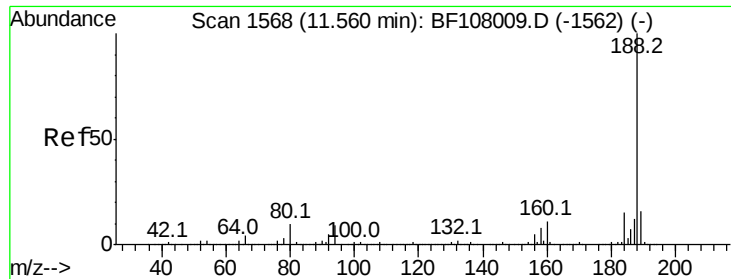
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





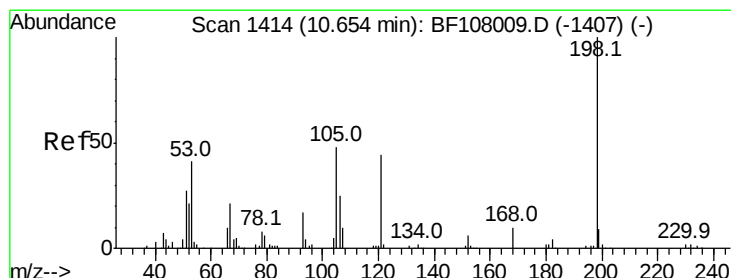
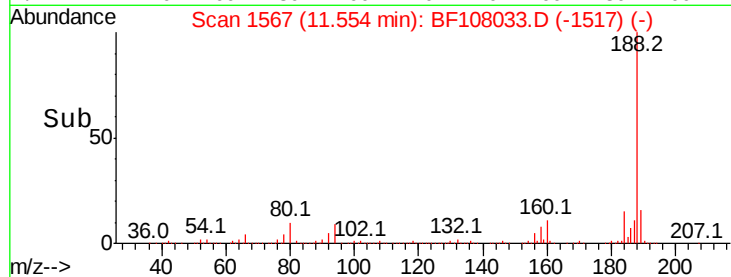
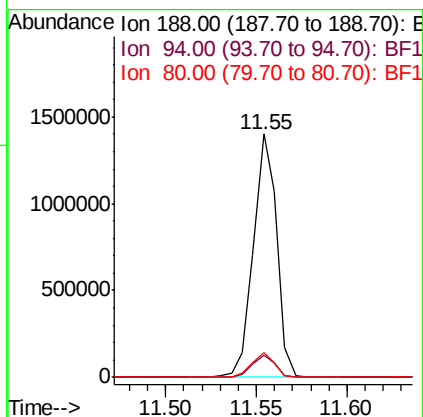
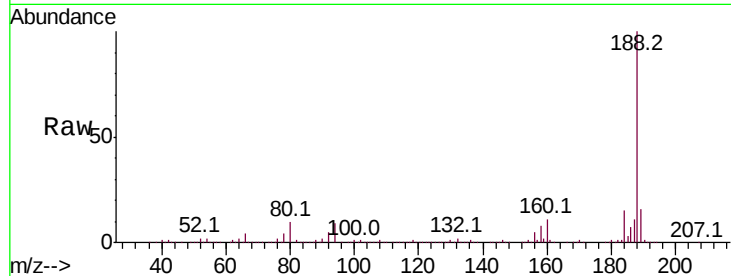
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.55 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.0	8.5	12.7
80	10.4	9.2	13.8

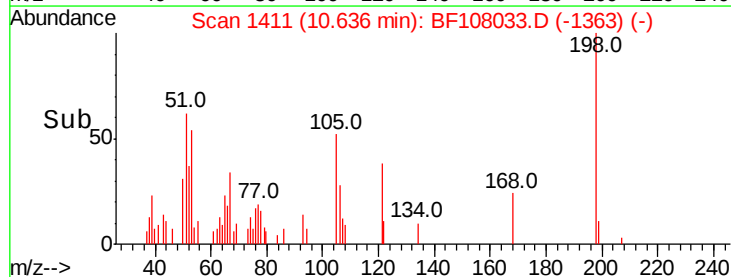
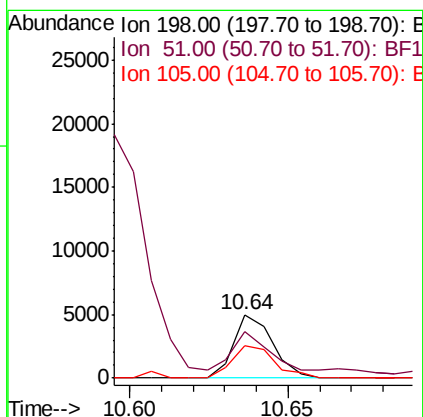
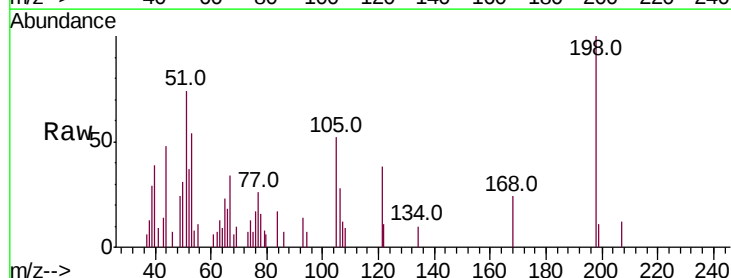
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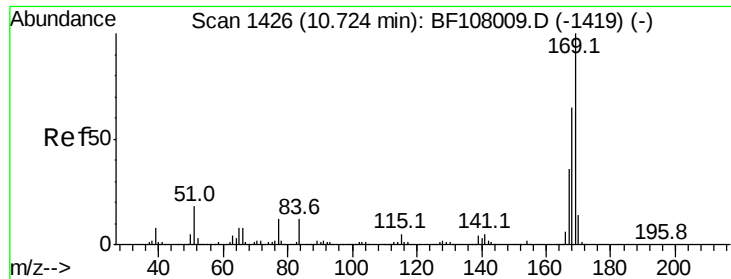
Sohil
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 6.160 ng
 RT: 10.64 min Scan# 1411
 Delta R.T. -0.02 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
198	100		
51	73.9	37.7	77.7
105	52.0	36.3	76.3





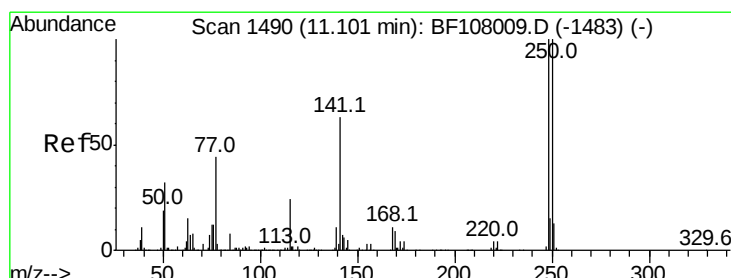
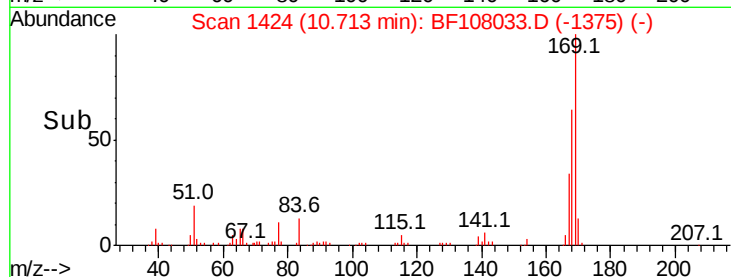
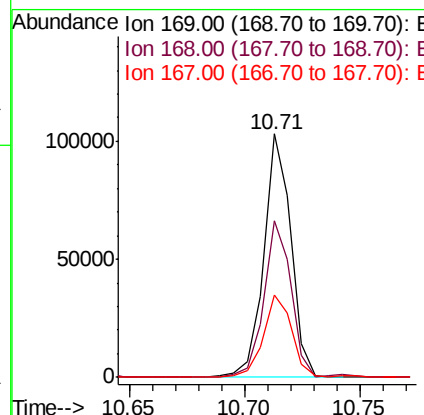
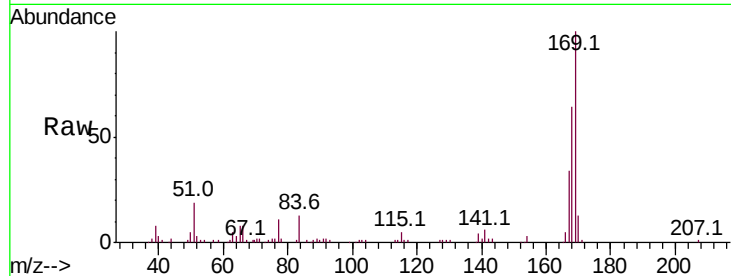
#65
n-Nitrosodiphenylamine
Concen: 2.271 ng
RT: 10.71 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
169	100	83980		
168	64.1		54.4	81.6
167	33.8		29.8	44.6

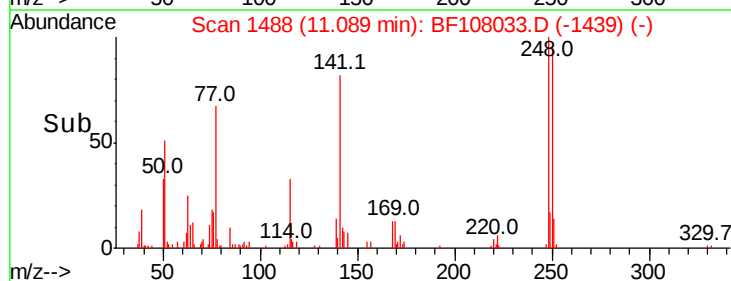
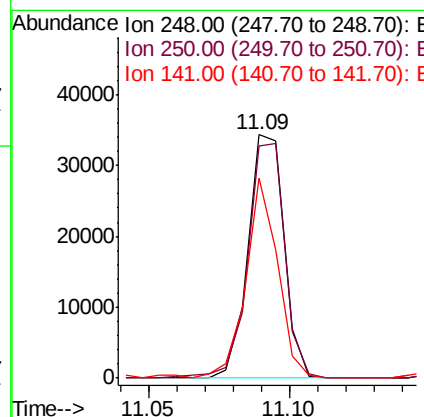
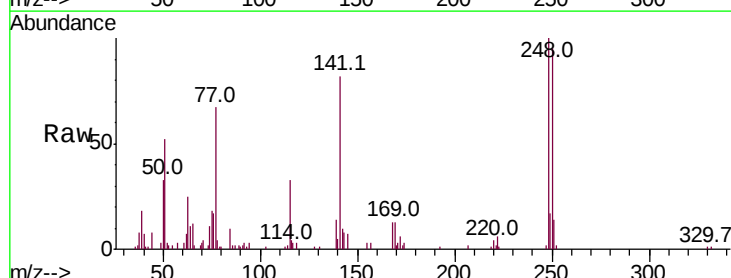
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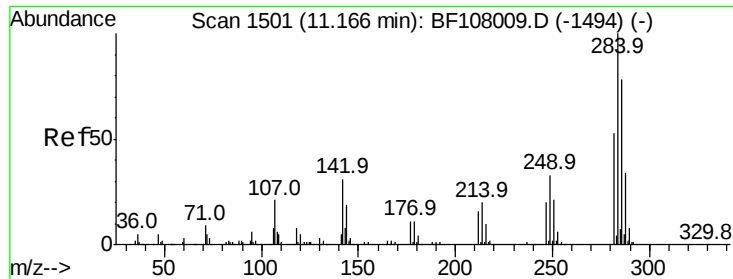
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 2.235 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	30391		
250	95.2		76.9	115.3
141	82.2		74.4	111.6





#67

Hexachlorobenzene

Concen: 2.244 ng

RT: 11.15 min Scan# 1499

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

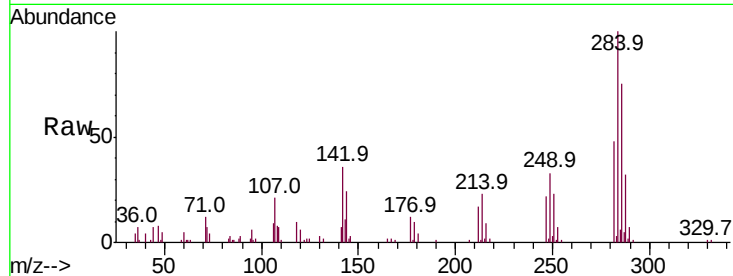
ClientSampleId :

MDL-WATER-03-QT3-2018

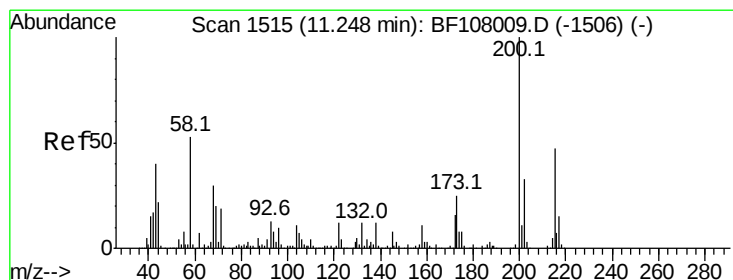
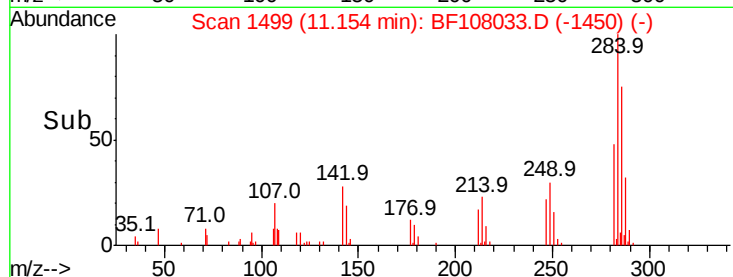
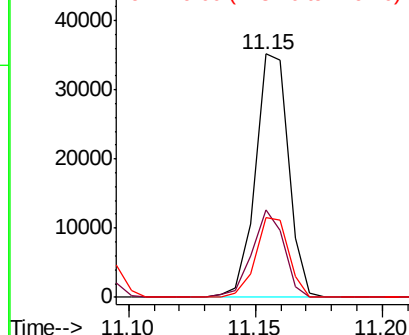
Tot Ion:	284	Resp:	32109
Ion Ratio	Lower	Upper	
284	100		
142	35.9	34.6	52.0
249	32.9	24.8	37.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 2.081 ng

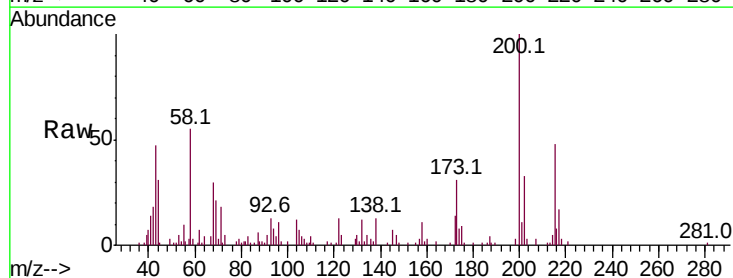
RT: 11.23 min Scan# 1512

Delta R.T. -0.02 min

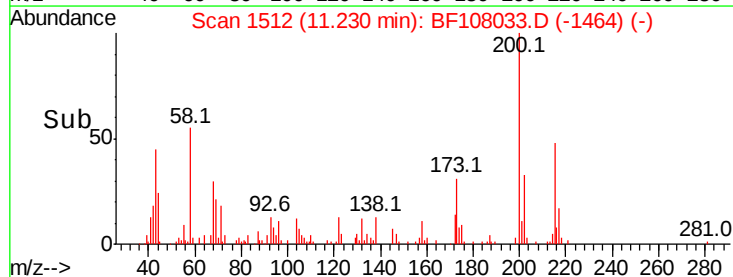
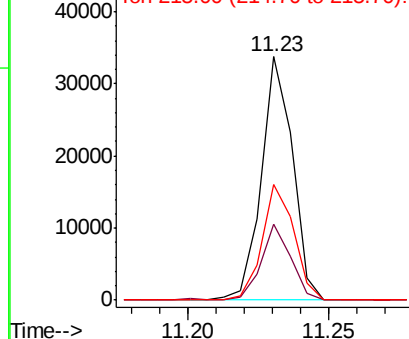
Lab File: BF108033.D

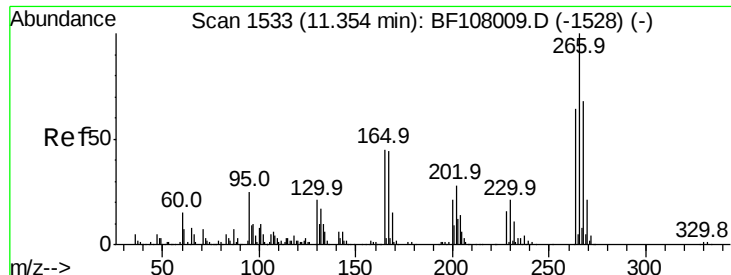
Acq: 8 Aug 2018 21:31

Tgt Ion:	200	Resp:	25809
Ion Ratio	Lower	Upper	
200	100		
173	31.1	8.6	48.6
215	47.5	25.1	65.1



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





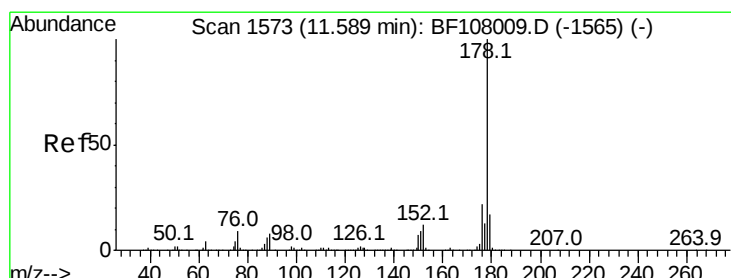
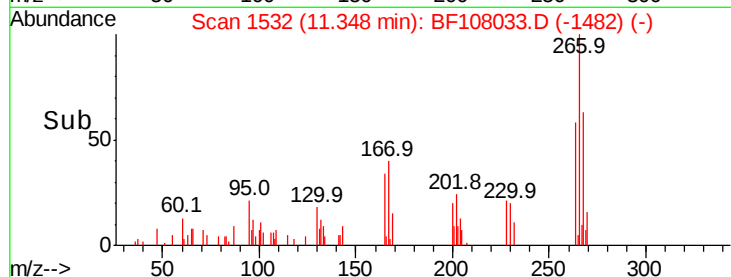
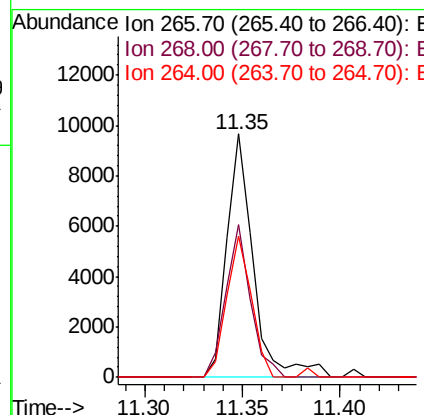
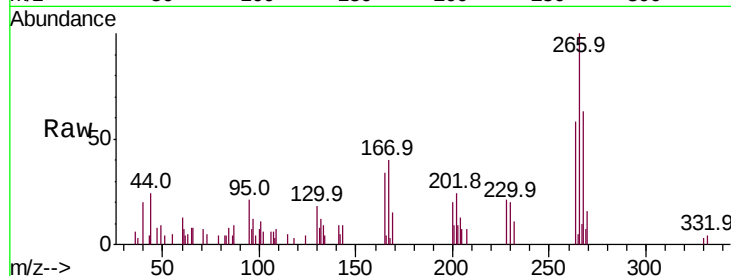
#69
 Pentachlorophenol
 Concen: 1.330 ng
 RT: 11.35 min Scan# 1532
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
266	100	9112		
268	62.6		51.1	76.7
264	63.3		49.5	74.3

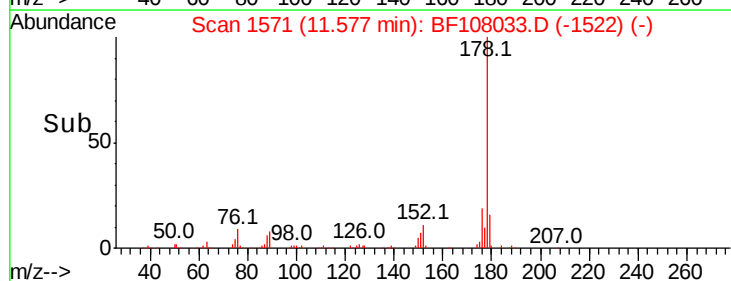
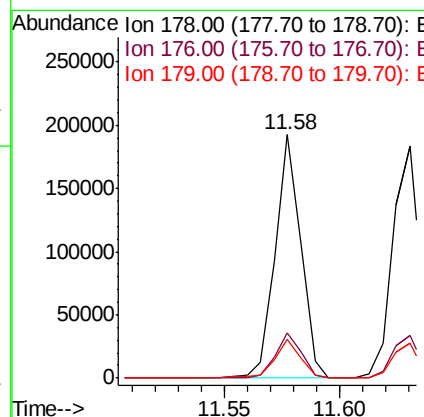
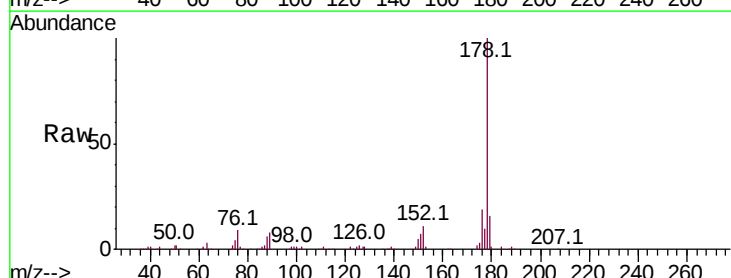
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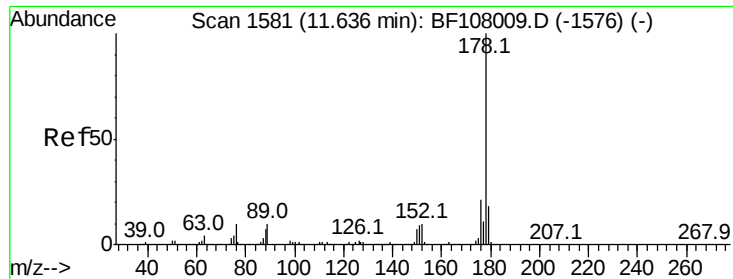
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#70
 Phenanthrene
 Concen: 2.506 ng
 RT: 11.58 min Scan# 1571
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	147913		
176	18.7		15.8	23.8
179	15.7		13.0	19.6





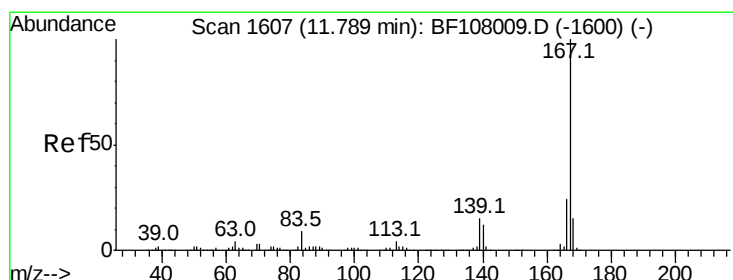
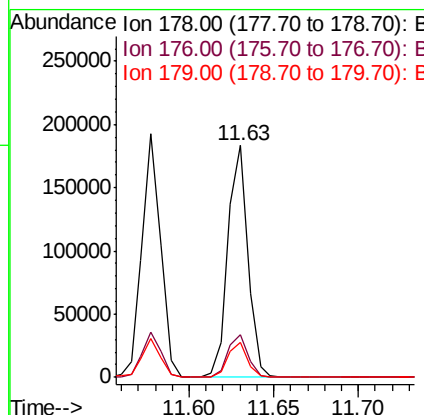
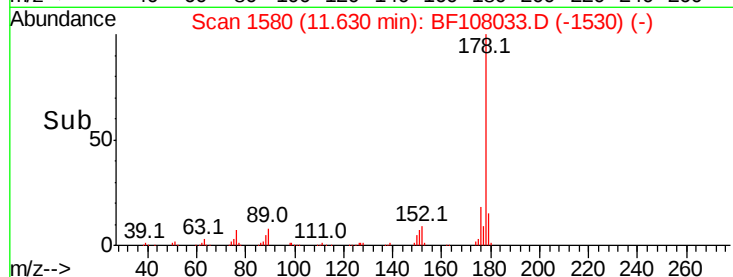
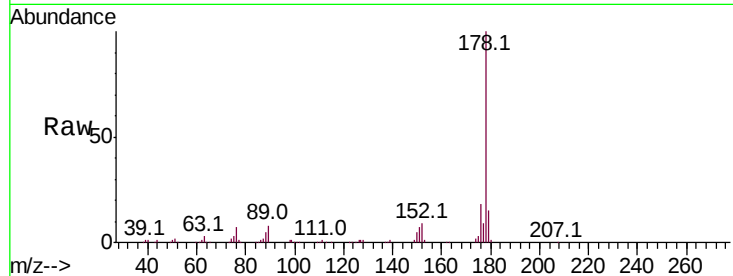
#71
 Anthracene
 Concen: 2.503 ng
 RT: 11.63 min Scan# 1580
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	15.3	12.6	19.0

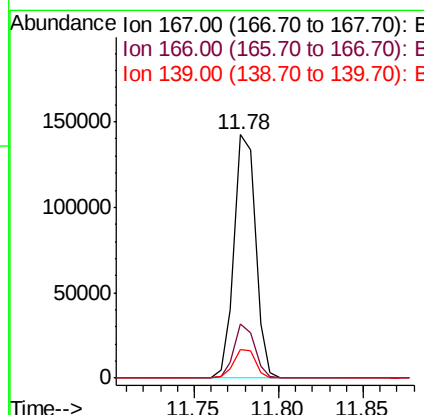
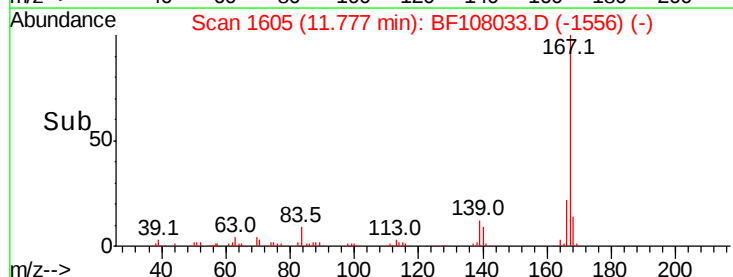
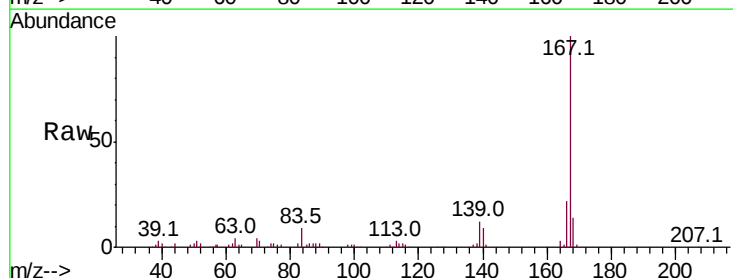
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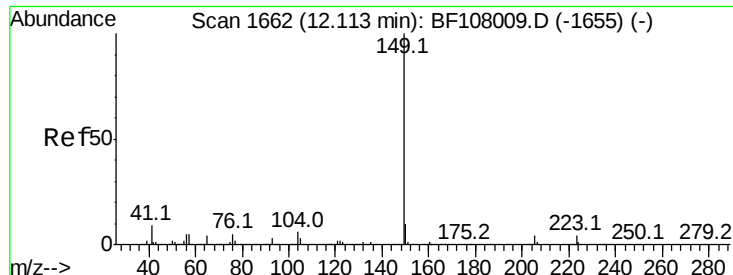
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#72
 Carbazole
 Concen: 2.349 ng
 RT: 11.78 min Scan# 1605
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.0	10.9	16.3





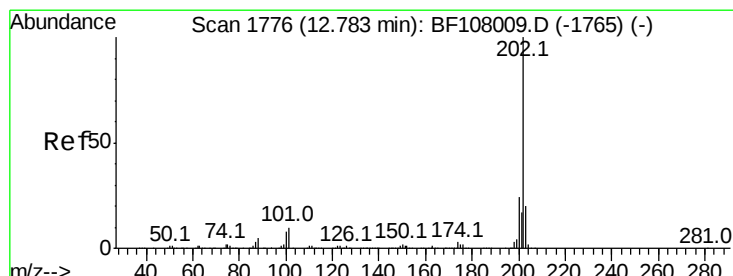
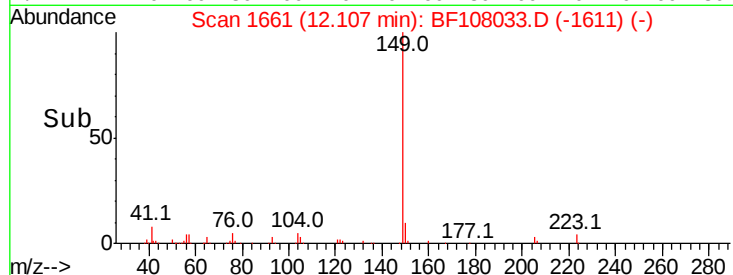
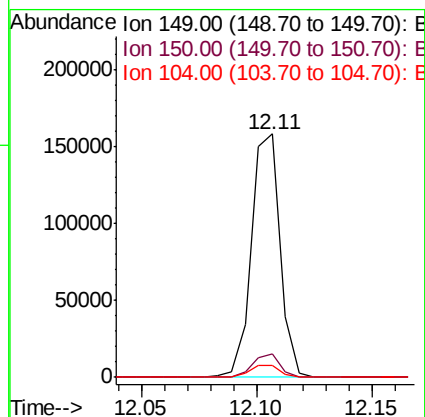
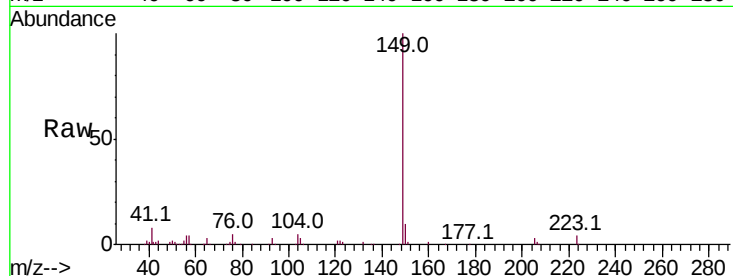
#73
Di-n-butylphthalate
Concen: 2.263 ng
RT: 12.11 min Scan# 1661
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.8	7.8	11.6	
104	4.7	3.8	5.8	

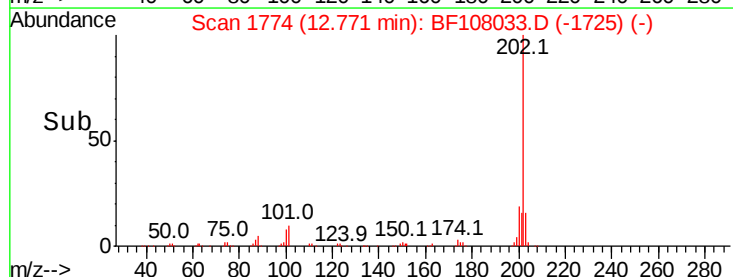
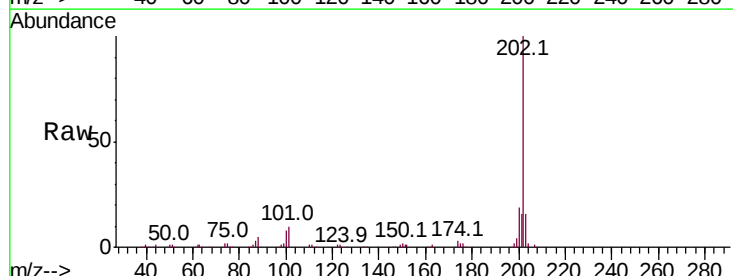
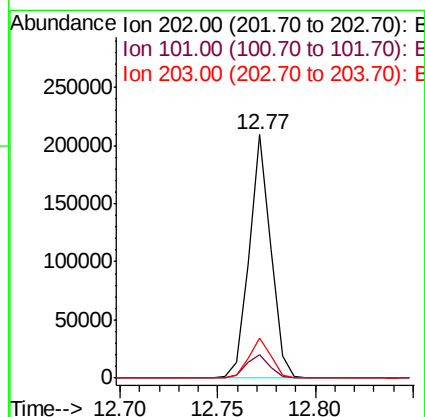
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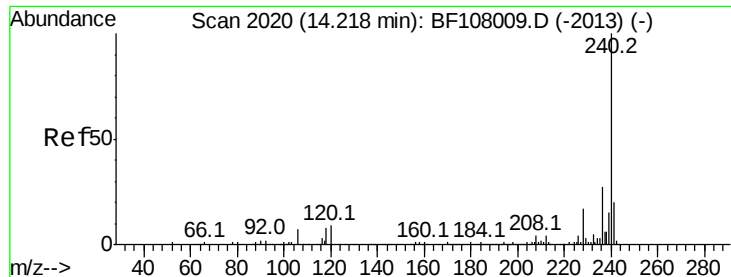
Sohil
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#74
Fluoranthene
Concen: 2.488 ng
RT: 12.77 min Scan# 1774
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	9.9	0.0	34.1	
203	16.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.21 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:240 Resp: 1116628

Ion Ratio Lower Upper

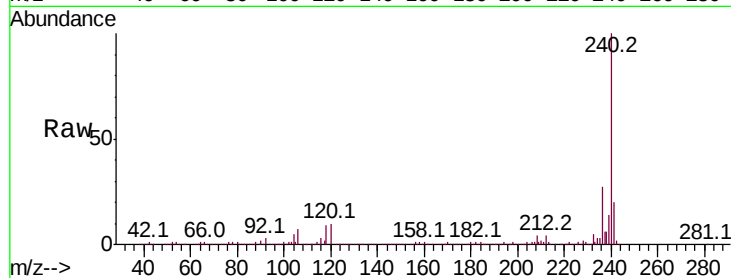
240 100

120 10.4 9.5 14.3

236 27.3 20.7 31.1

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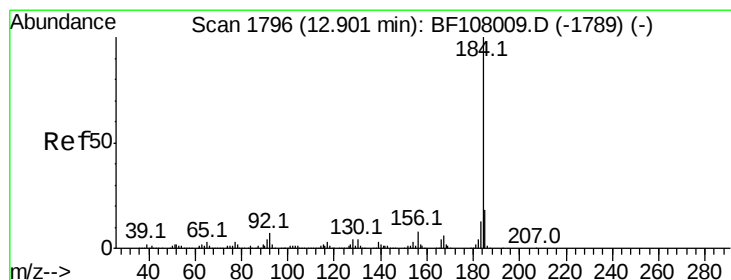
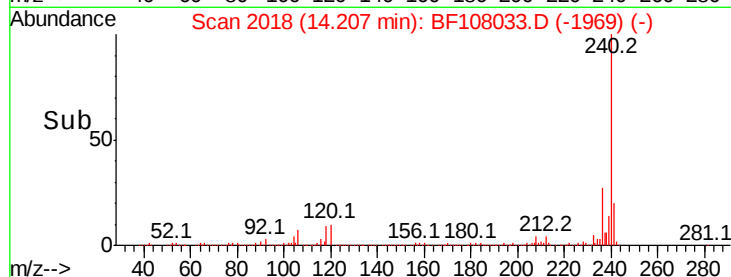
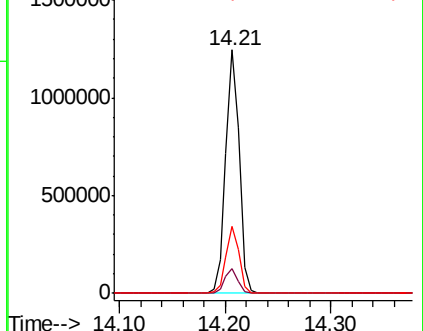
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 0.468 ng

RT: 12.89 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

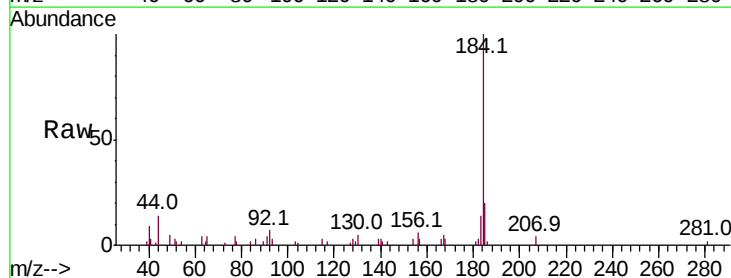
Tgt Ion:184 Resp: 19521

Ion Ratio Lower Upper

184 100

185 19.8 12.6 18.8#

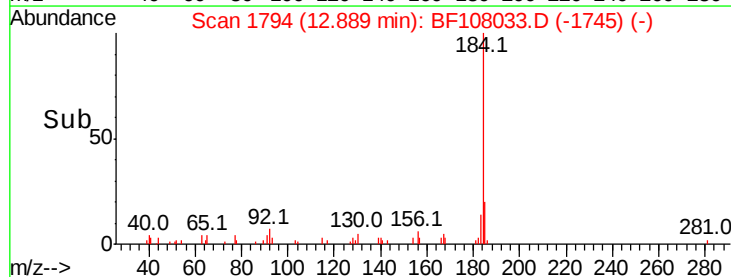
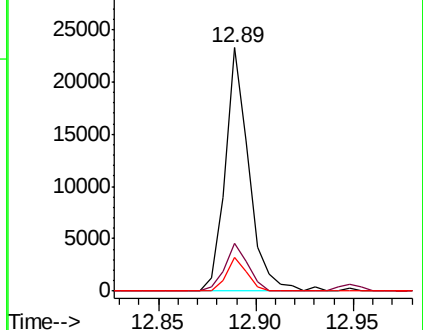
183 13.9 9.3 13.9

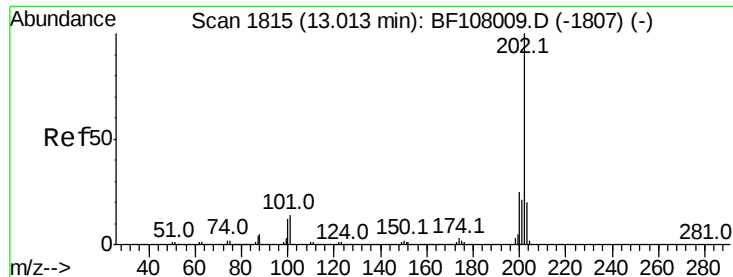


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





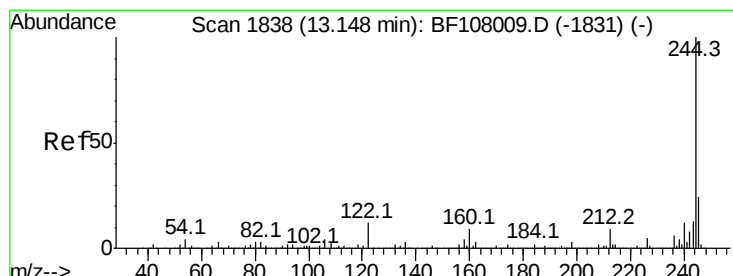
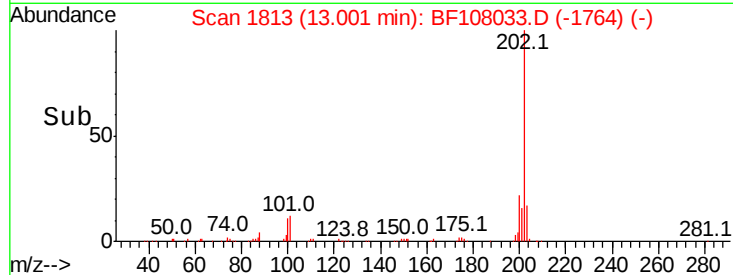
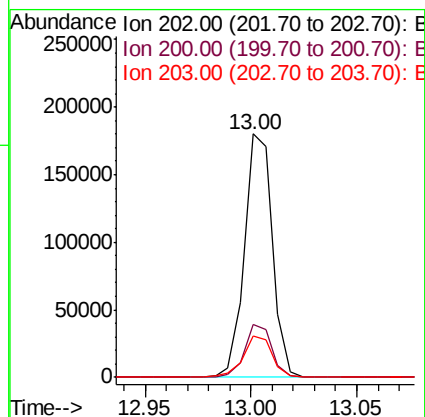
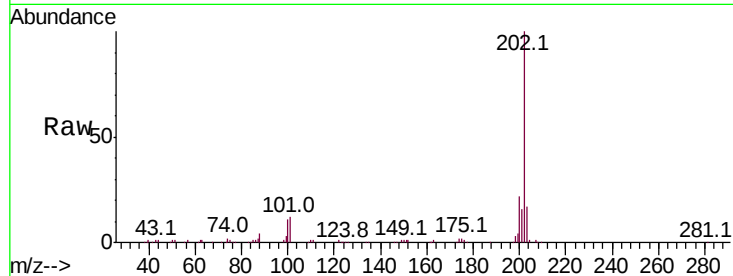
#77
Pvrene
Concen: 2.325 ng
RT: 13.00 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.4	26.2
203	17.0	14.3	21.5

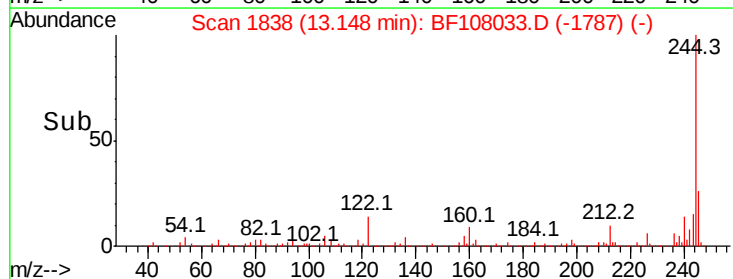
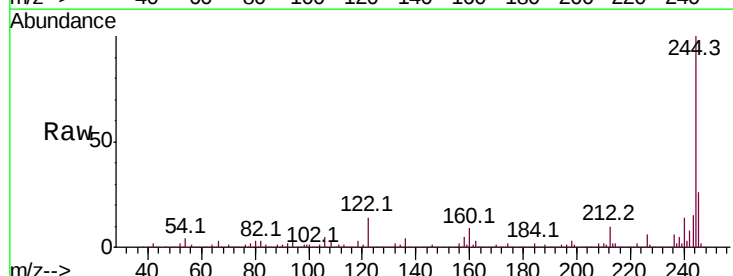
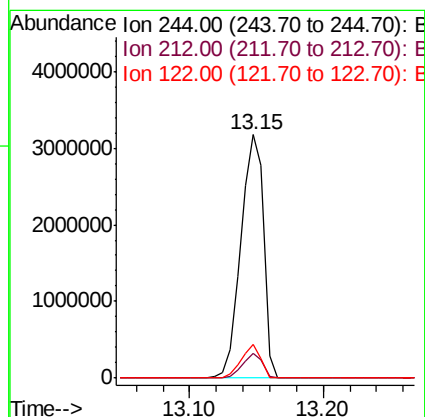
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#78
Terphenyl-d14
Concen: 84.970 ng
RT: 13.15 min Scan# 1838
Delta R.T. 0.00 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.0	5.4	8.0#
122	14.0	11.0	16.4





#79

Butylbenzylphthalate

Concen: 1.729 ng

RT: 13.61 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

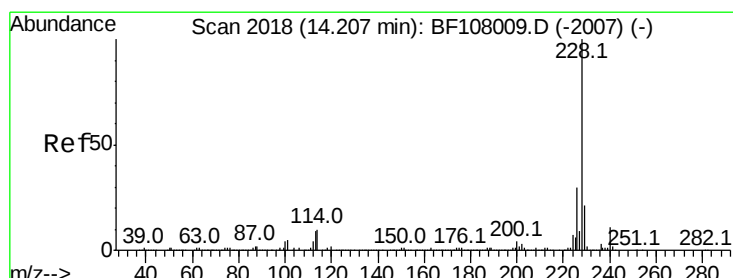
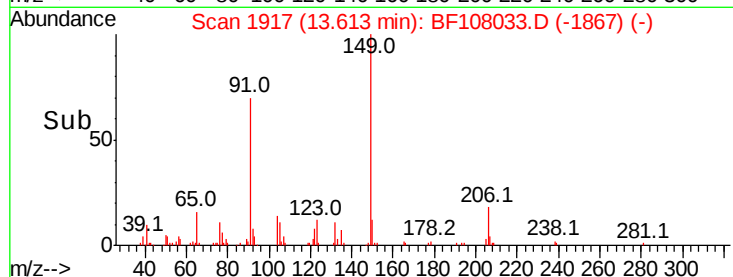
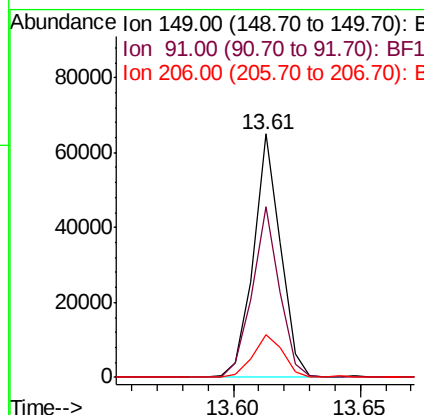
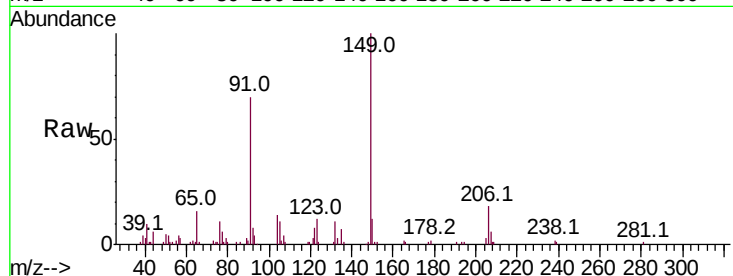
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	149	Resp:	48538
Ion Ratio	Lower	Upper	
149	100		
91	70.0	56.8	85.2
206	17.6	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 2.286 ng

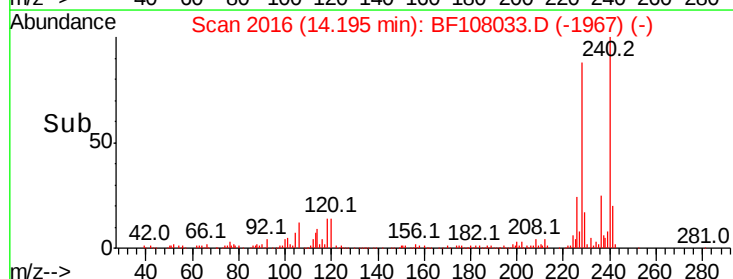
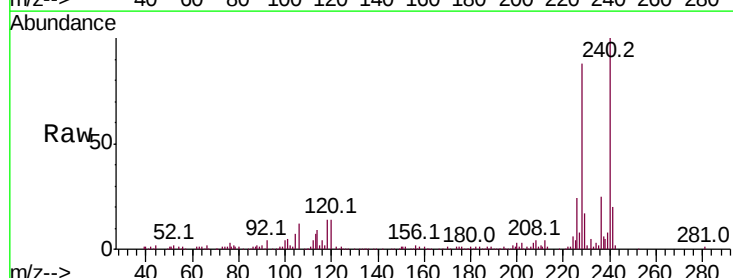
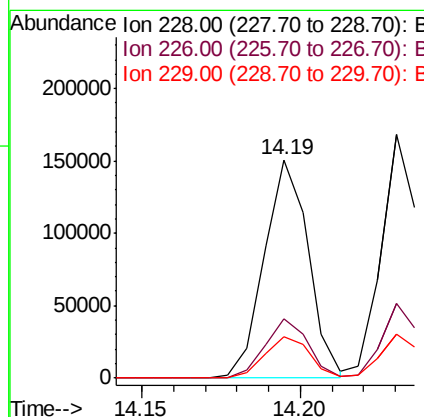
RT: 14.19 min Scan# 2016

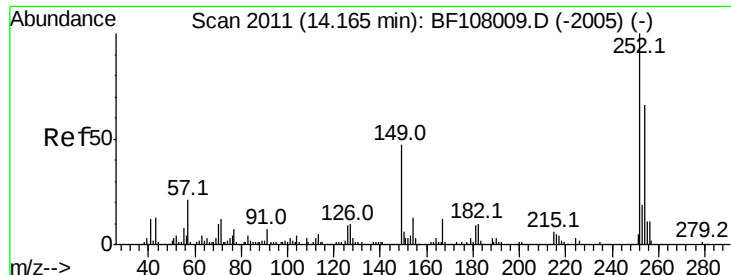
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	228	Resp:	146489
Ion Ratio	Lower	Upper	
228	100		
226	27.2	22.6	33.8
229	19.2	15.8	23.6





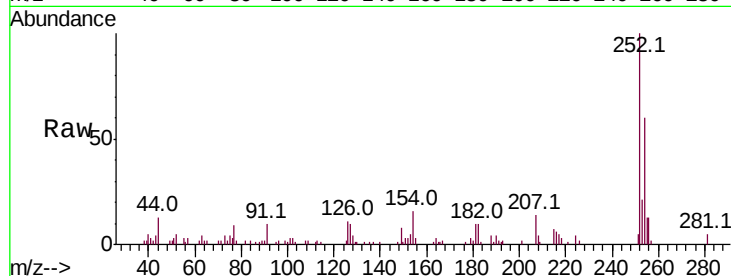
#81
 3,3'-Dichlorobenzidine
 Concen: 1.127 ng
 RT: 14.15 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
254	60.3	50.4	75.6
126	11.5	11.3	16.9

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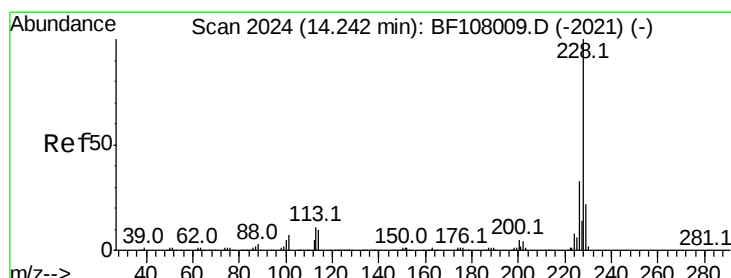
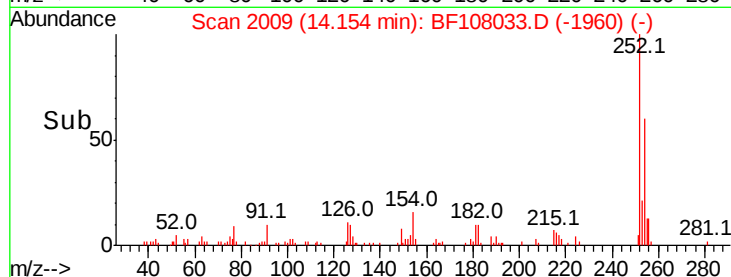
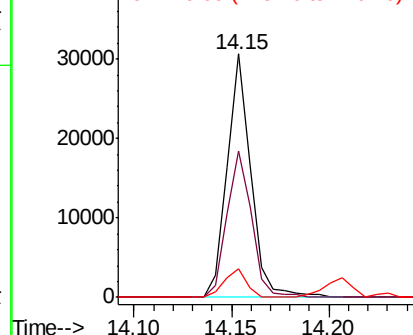


Abundance

Ion 252.00 (251.70 to 252.70): E

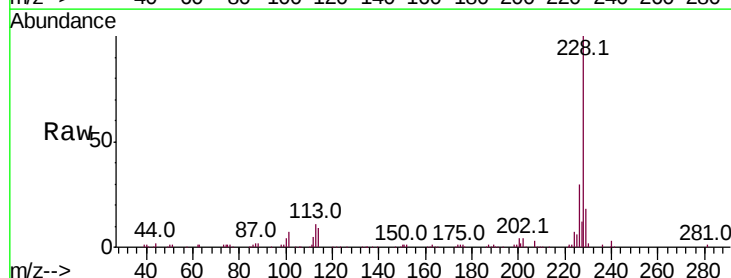
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82
 Chrysene
 Concen: 2.352 ng
 RT: 14.23 min Scan# 2022
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	18.2	16.2	24.4

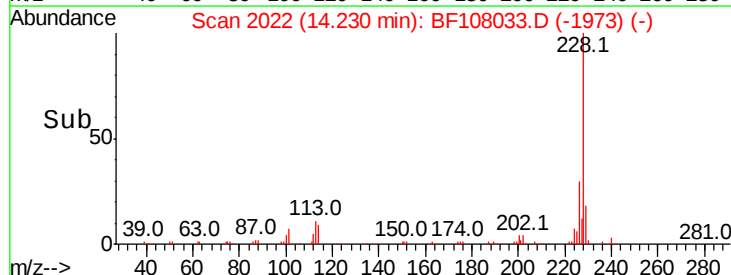
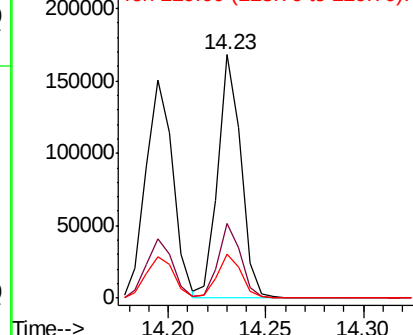


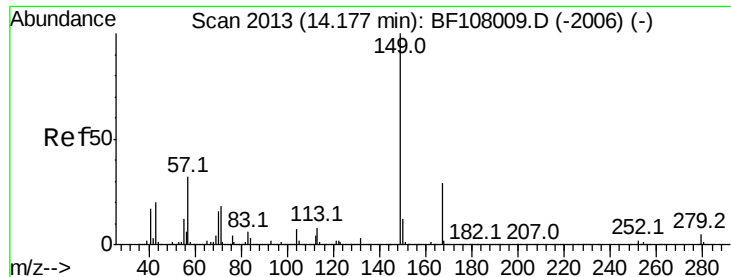
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 1.847 ng

RT: 14.17 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Instrument :

BNA_F

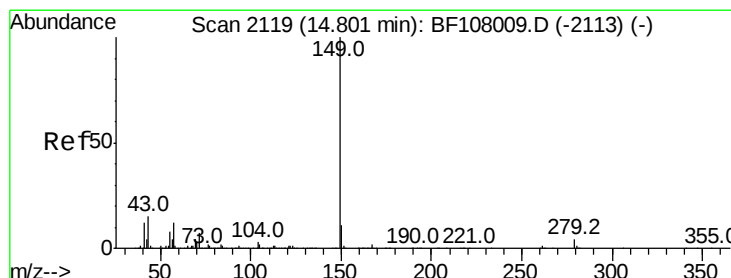
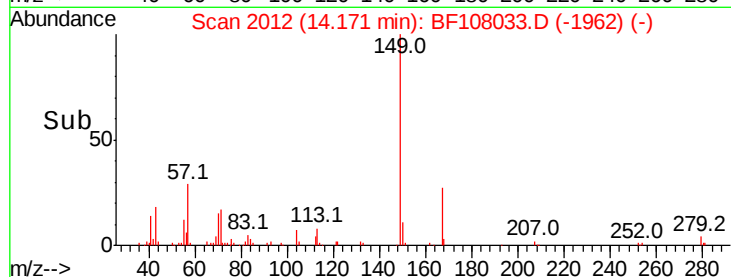
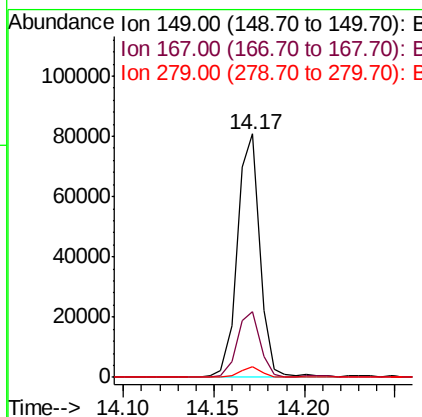
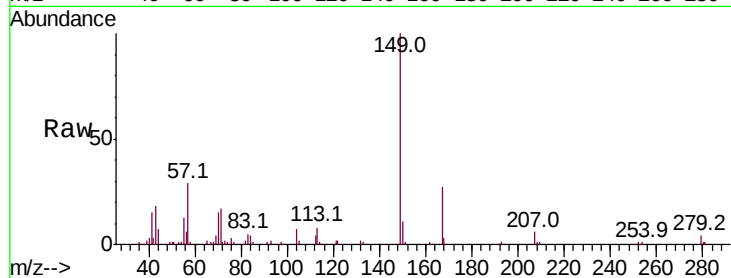
ClientSampleId :

MDL-WATER-03-QT3-2018

Tot Ion:	149	Resp:	70197
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.3	31.9
279	4.2	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 1.746 ng

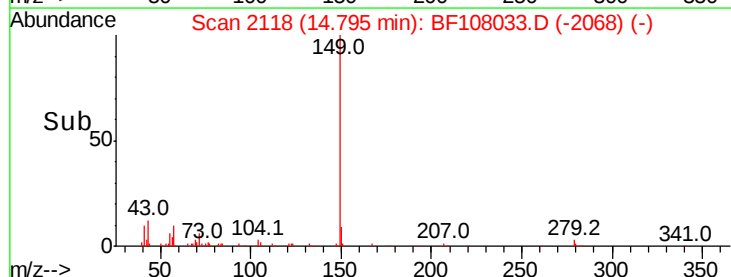
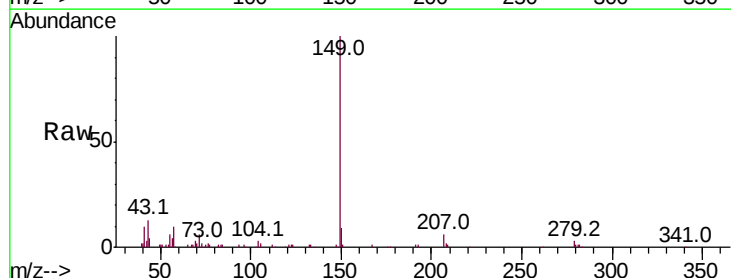
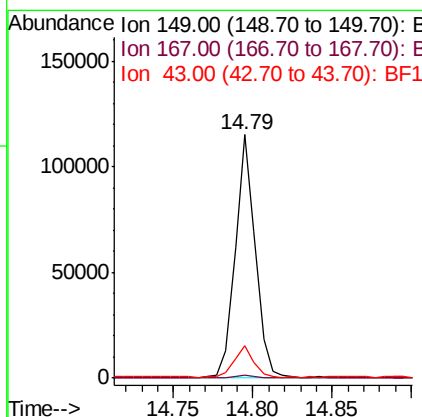
RT: 14.79 min Scan# 2118

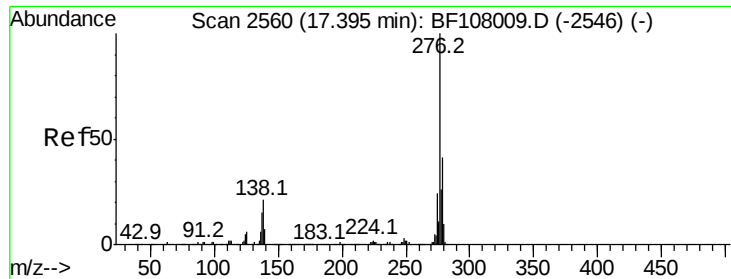
Delta R.T. -0.01 min

Lab File: BF108033.D

Acq: 8 Aug 2018 21:31

Tgt Ion:	149	Resp:	101220
Ion Ratio	Lower	Upper	
149	100		
167	1.2	1.2	1.8#
43	13.8	8.4	12.6#





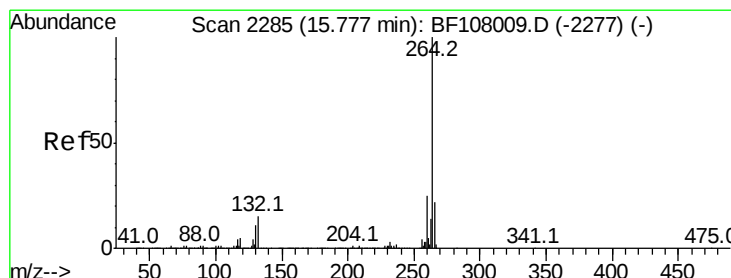
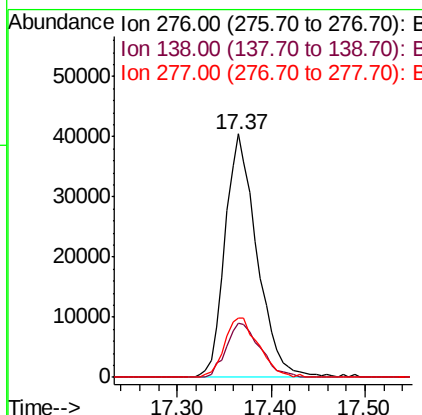
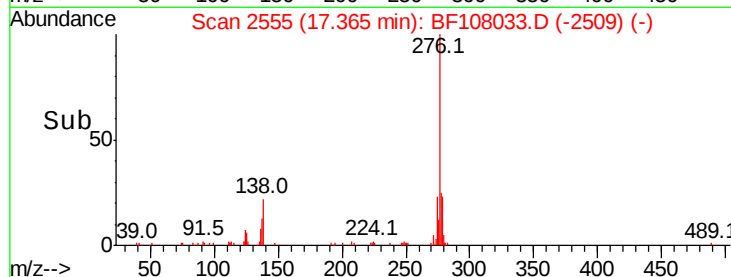
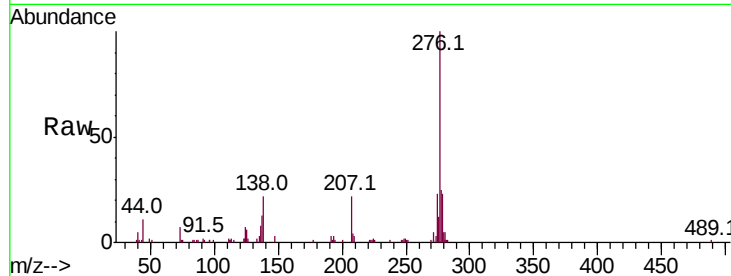
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 1.881 ng
 RT: 17.37 min Scan# 2555
 Delta R.T. -0.03 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.5	25.0	37.6#
277	25.9	20.1	30.1

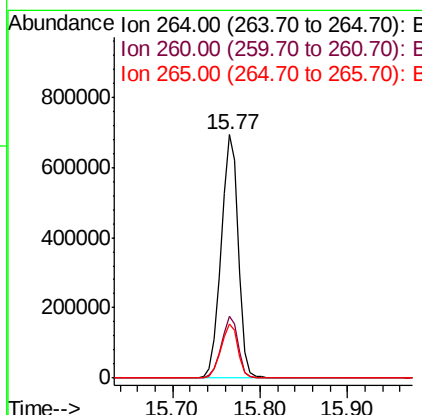
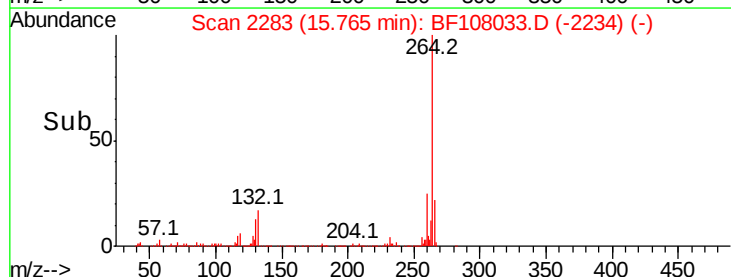
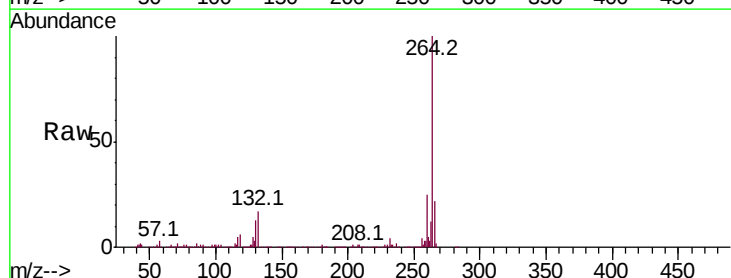
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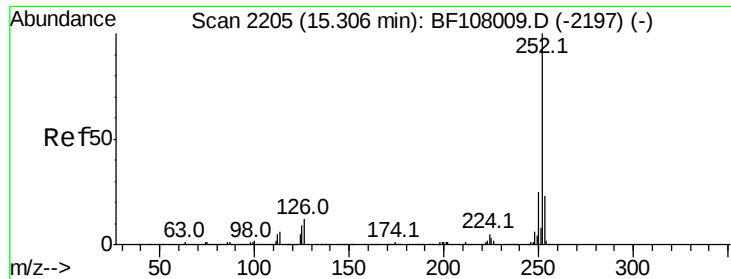
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.77 min Scan# 2283
 Delta R.T. -0.01 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.2	28.8
265	22.3	17.5	26.3





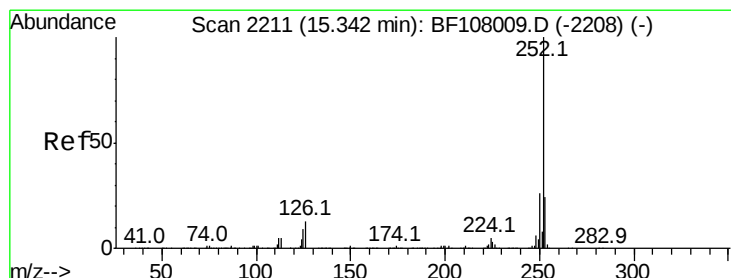
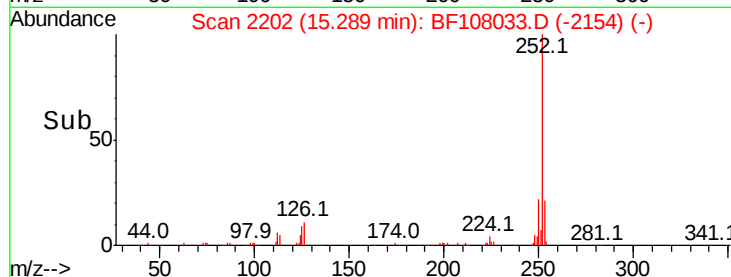
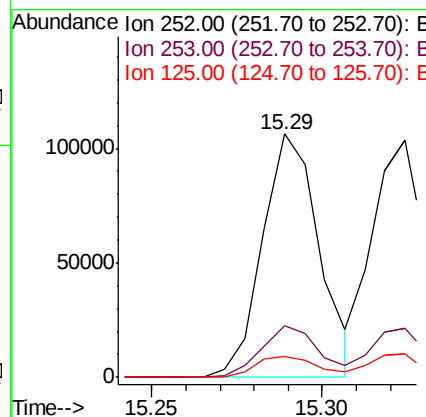
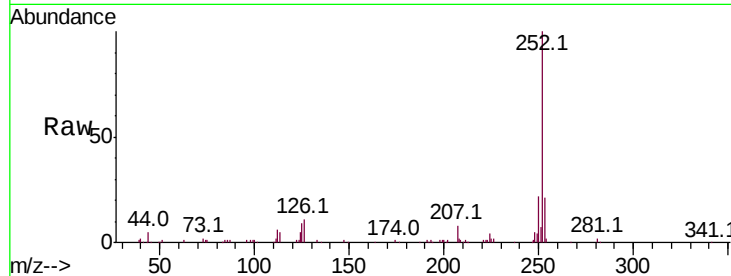
#87
Benzo(b)fluoranthene
Concen: 2.175 ng/mL
RT: 15.29 min Scan# 2202
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	8.5	9.0	13.6

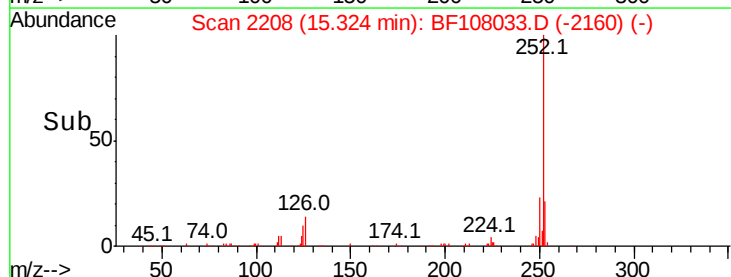
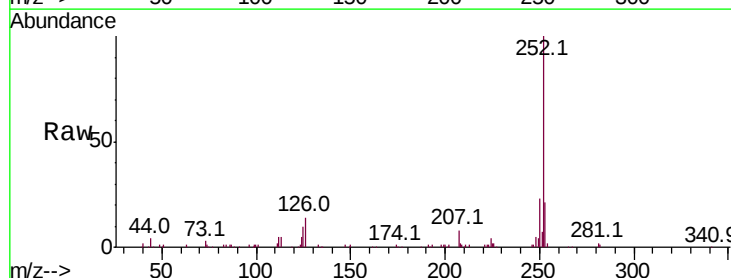
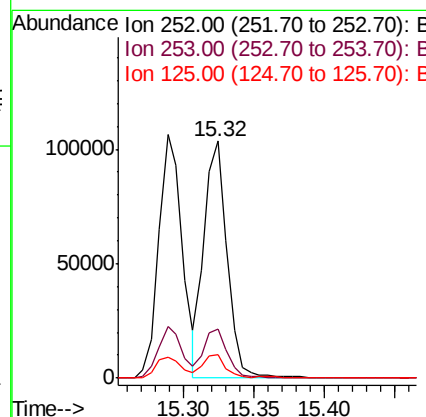
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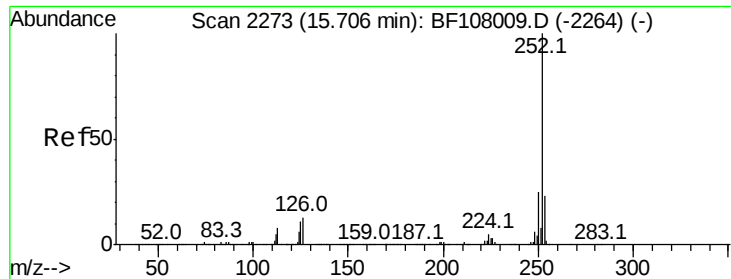
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#88
Benzo(k)fluoranthene
Concen: 2.283 ng/mL
RT: 15.32 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.9	26.9
125	9.8	10.2	15.2





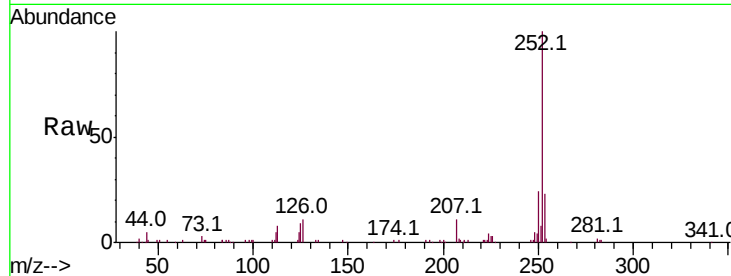
#89
Benzo(a)pyrene
Concen: 2.068 ng
RT: 15.69 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Resp	Lower	Upper
252	100			
253	22.9	17.1	25.7	
125	8.8	9.8	14.6	

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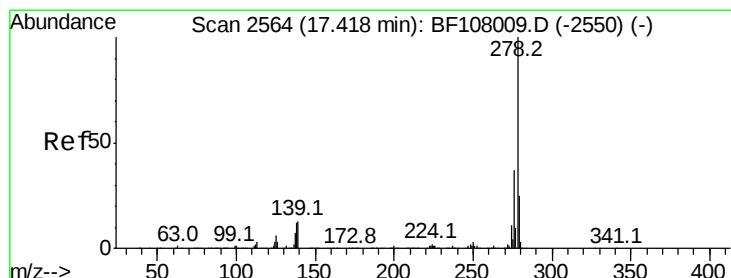
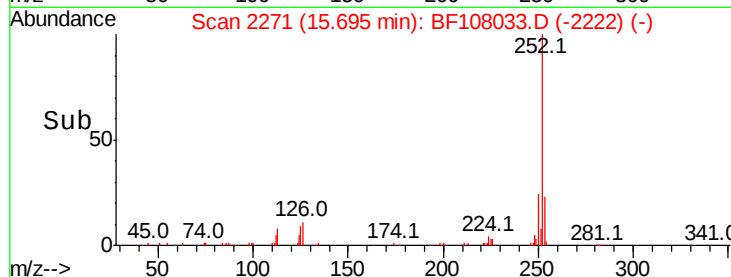
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

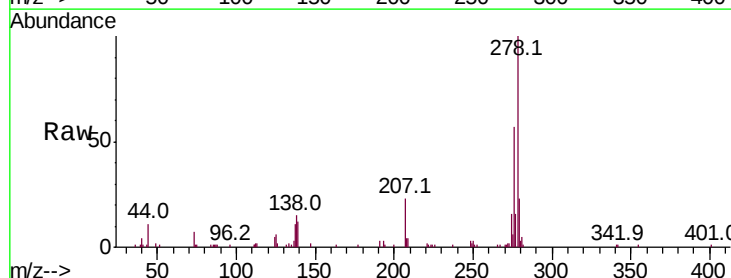
Ion 125.00 (124.70 to 125.70): E

Time-->



#90
Dibenzo(a,h)anthracene
Concen: 1.943 ng
RT: 17.38 min Scan# 2558
Delta R.T. -0.04 min
Lab File: BF108033.D
Acq: 8 Aug 2018 21:31

Tgt Ion	Ratio	Resp	Lower	Upper
278	100			
139	11.5	15.9	23.9	
279	22.6	19.0	28.4	



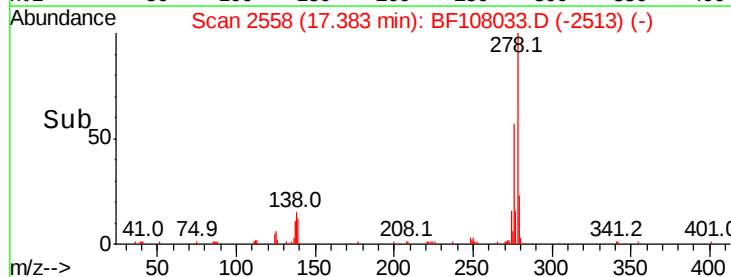
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 1.930 ng
 RT: 17.85 min Scan# 2638
 Delta R.T. -0.04 min
 Lab File: BF108033.D
 Acq: 8 Aug 2018 21:31

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT3-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	17.9	26.9
138	20.0	21.8	32.8#

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