

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
 Data File : BF103202.D
 Acq On : 23 Feb 2018 16:24
 Operator : SJ/JU
 Sample : J1161-09
 Misc : MDL-S-8ppm
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Manual Integrations
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Sohil
 2/26/2018 9:54:47 AM

Quant Time: Feb 23 17:19:08 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 02:43:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172820	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	767592	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	356958	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	606502	20.00	ng	0.00
75) Chrysene-d12	14.04	240	454201	20.00	ng	0.00
86) Perylene-d12	15.54	264	433316	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1280749	112.08	ng	0.00
7) Phenol-d6	6.50	99	1584640	113.33	ng	0.00
23) Nitrobenzene-d5	7.44	82	1187678	88.36	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	342341	113.30	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1777611	86.02	ng	0.00
78) Terphenyl-d14	12.99	244	1436187	76.01	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.64	88	45752	7.581	ng	96
3) Pyridine	3.53	79	116764m	7.247	ng	
4) n-Nitrosodimethylamine	3.37	42	45823m	7.052	ng	
6) Aniline	6.53	93	167086	8.280	ng	94
8) 2-Chlorophenol	6.66	128	93917	7.912	ng	95
9) Benzaldehyde	6.43	77	57080	4.937	ng	99
10) Phenol	6.52	94	129797	7.996	ng	98
11) bis(2-Chloroethyl)ether	6.60	93	103086	8.368	ng	94
12) 1,3-Dichlorobenzene	6.81	146	113636	8.377	ng	99
13) 1,4-Dichlorobenzene	6.89	146	112912	8.302	ng	99
14) 1,2-Dichlorobenzene	7.04	146	104764	8.354	ng	98
15) Benzyl Alcohol	7.01	79	98572	9.355	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	172509	8.154	ng	99
17) 2-Methylphenol	7.12	107	87441	8.106	ng	96
18) Hexachloroethane	7.38	117	42098	8.503	ng	96
19) n-Nitroso-di-n-propylamine	7.27	70	83534	9.599	ng	97
20) 3+4-Methylphenols	7.27	107	113761	8.651	ng	# 32
22) Acetophenone	7.27	105	159561	8.906	ng	# 89
24) Nitrobenzene	7.45	77	122212	8.258	ng	96
25) Isophorone	7.69	82	211925	8.006	ng	98
26) 2-Nitrophenol	7.77	139	51115	7.337	ng	94
27) 2,4-Dimethylphenol	7.80	122	75944	7.132	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	128156	8.234	ng	100
29) 2,4-Dichlorophenol	8.01	162	78464	7.696	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	86857	8.000	ng	97
31) Naphthalene	8.17	128	315721	8.401	ng	100
32) Benzoic acid	7.89	122	38272	11.060	ng	93
33) 4-Chloroaniline	8.22	127	126722	7.814	ng	95
34) Hexachlorobutadiene	8.29	225	45854	8.111	ng	96
35) Caprolactam	8.57	113	26716	7.456	ng	# 86
36) 4-Chloro-3-methylphenol	8.70	107	90502	7.870	ng	99
37) 2-Methylnaphthalene	8.86	142	209062	8.608	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	81105	8.311	ng	99
40) Hexachlorocyclopentadiene	9.02	237	8305	11.028	ng	91

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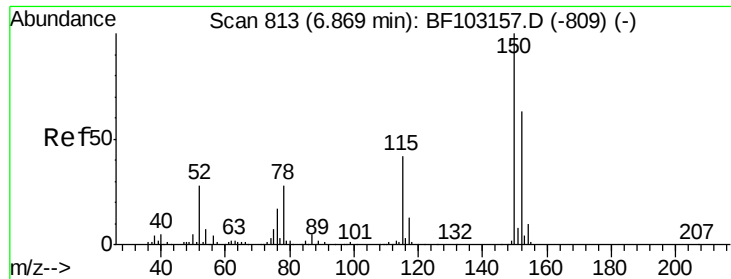
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	48767	7.427	ng	97
43) 2,4,5-Trichlorophenol	9.19	196	55145	7.302	ng	95
45) 1,1'-Biphenyl	9.33	154	260655	8.714	ng	98
46) 2-Chloronaphthalene	9.36	162	192597	8.139	ng	98
47) 2-Nitroaniline	9.45	65	68180	7.778	ng	88
48) Acenaphthylene	9.77	152	312302	8.578	ng	99
49) Dimethylphthalate	9.62	163	233176	8.143	ng	99
50) 2,6-Dinitrotoluene	9.69	165	47316	7.874	ng	# 82
51) Acenaphthene	9.94	154	183353	8.636	ng	98
52) 3-Nitroaniline	9.86	138	56314	7.386	ng	94
53) 2,4-Dinitrophenol	9.98	184	8872	13.217	ng	# 21
54) Dibenzofuran	10.11	168	262036	8.991	ng	96
55) 4-Nitrophenol	10.03	139	27770	5.877	ng	90
56) 2,4-Dinitrotoluene	10.10	165	61503	8.092	ng	97
57) Fluorene	10.46	166	211385	8.514	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	36550	7.204	ng	90
59) Diethylphthalate	10.32	149	226221	8.260	ng	98
60) 4-Chlorophenyl-phenylether	10.45	204	91440	8.685	ng	99
61) 4-Nitroaniline	10.47	138	55136	7.240	ng	93
62) Azobenzene	10.60	77	242066	8.683	ng	95
64) 4,6-Dinitro-2-methylphenol	10.51	198	21352	10.135	ng	92
65) n-Nitrosodiphenylamine	10.56	169	181093	8.575	ng	97
66) 4-Bromophenyl-phenylether	10.94	248	51302	8.120	ng	93
67) Hexachlorobenzene	11.00	284	55560	8.102	ng	96
68) Atrazine	11.09	200	48625	7.661	ng	97
69) Pentachlorophenol	11.20	266	20445	6.166	ng	95
70) Phenanthrene	11.42	178	289244	8.666	ng	99
71) Anthracene	11.47	178	292743	8.553	ng	99
72) Carbazole	11.63	167	282619	8.292	ng	100
73) Di-n-butylphthalate	11.95	149	364711	8.551	ng	98
74) Fluoranthene	12.61	202	281275	8.386	ng	98
76) Benzidine	12.73	184	72233	4.254	ng	# 94
77) Pyrene	12.84	202	289217	8.167	ng	99
79) Butylbenzylphthalate	13.45	149	144853	7.742	ng	97
80) Benzo(a)anthracene	14.03	228	226138	7.673	ng	98
81) 3,3'-Dichlorobenzidine	13.99	252	77343	7.354	ng	99
82) Chrysene	14.07	228	227903	7.965	ng	99
83) Bis(2-ethylhexyl)phthalate	14.00	149	204245	8.090	ng	# 99
84) Di-n-octyl phthalate	14.63	149	311677	7.640	ng	99
85) Indeno(1,2,3-cd)pyrene	17.04	276	188905	8.339	ng	97
87) Benzo(b)fluoranthene	15.10	252	209370	7.349	ng	99
88) Benzo(k)fluoranthene	15.13	252	216393	8.066	ng	99
89) Benzo(a)pyrene	15.47	252	192592	7.570	ng	98
90) Dibenzo(a,h)anthracene	17.05	278	154472	7.858	ng	96
91) Benzo(g,h,i)perylene	17.50	276	153689	7.999	ng	96

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



#1

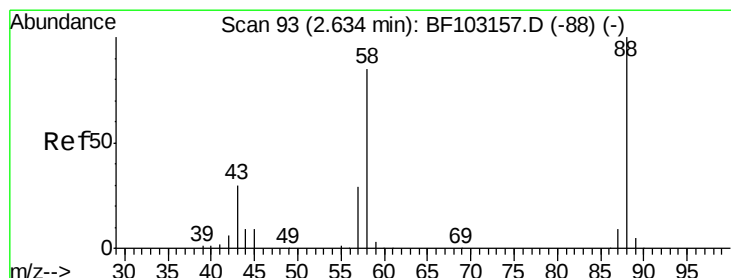
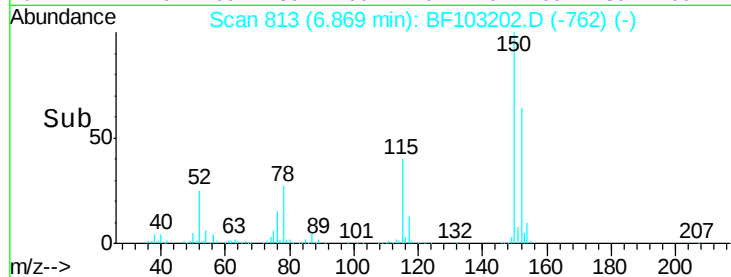
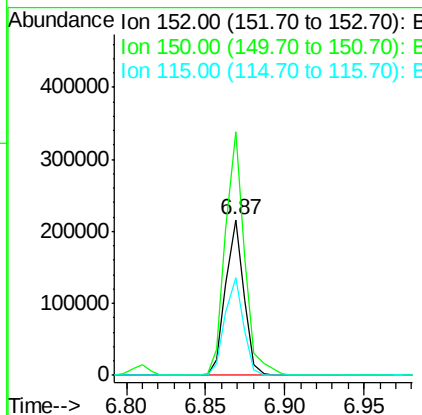
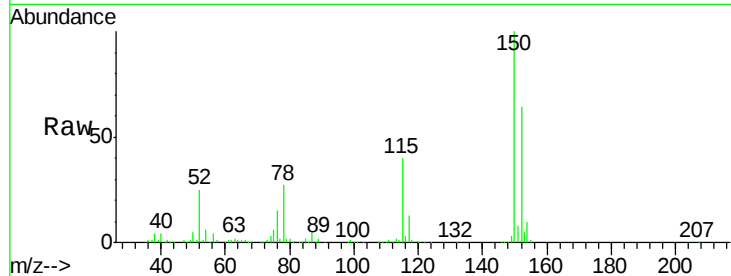
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.7	124.6	186.8
115	62.9	50.1	75.1

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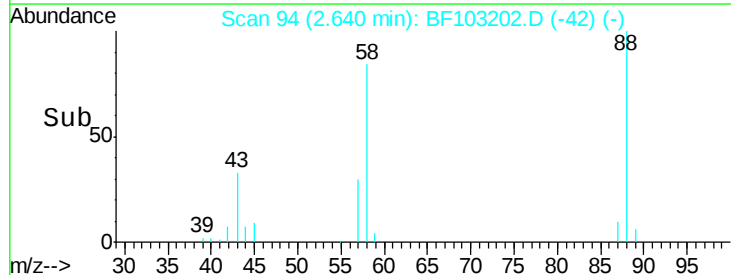
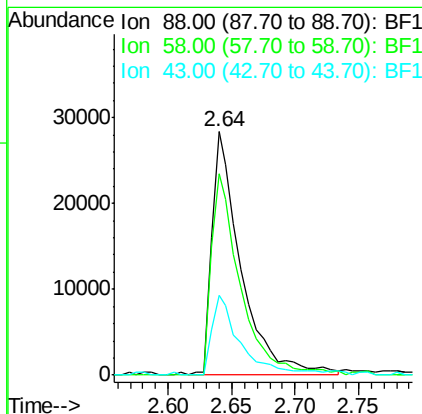
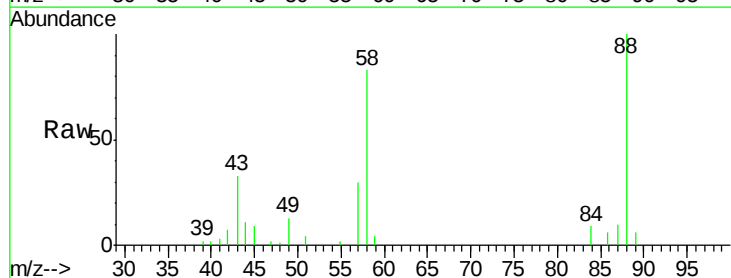
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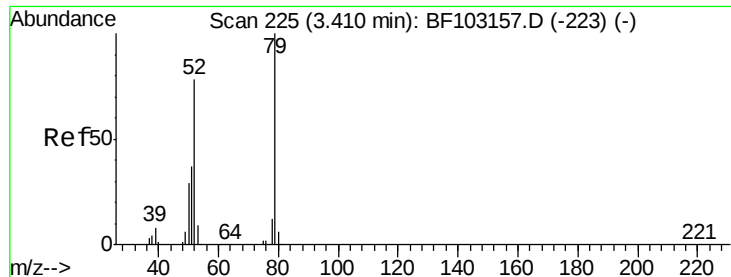


#2

1,4-Dioxane
Concen: 7.581 ng
RT: 2.64 min Scan# 94
Delta R.T. 0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.6	62.6	93.8
43	32.3	24.6	37.0





#3

Pyridine

Concen: 7.247 ng m

RT: 3.53 min Scan# 246

Delta R.T. 0.12 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

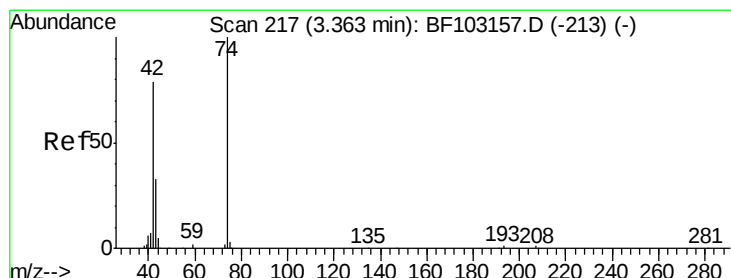
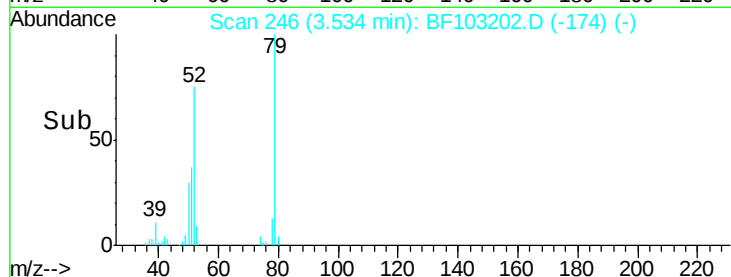
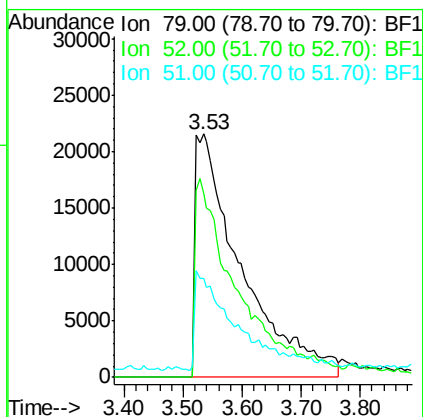
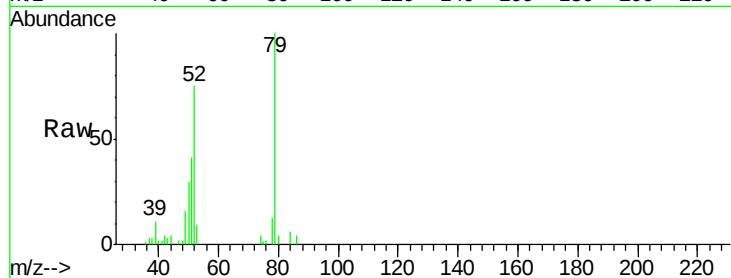
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	79	Resp:	116764
Ion Ratio	Lower	Upper	
79	100		
52	75.4	59.8	89.6
51	40.6	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 7.052 ng m

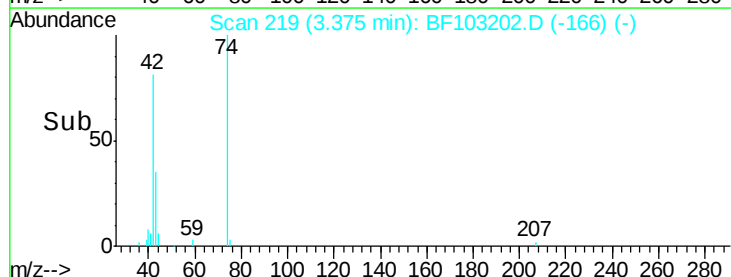
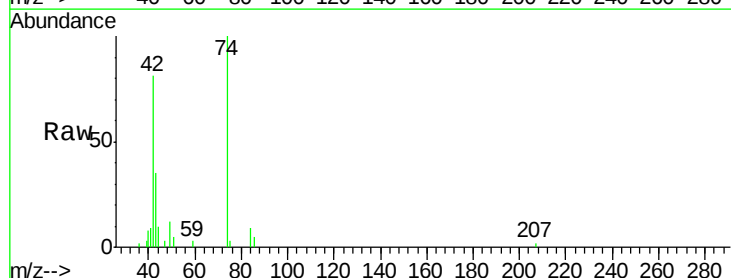
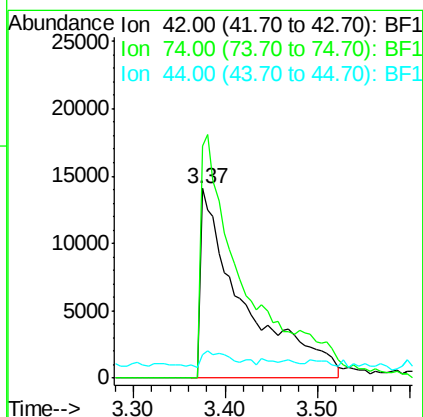
RT: 3.37 min Scan# 219

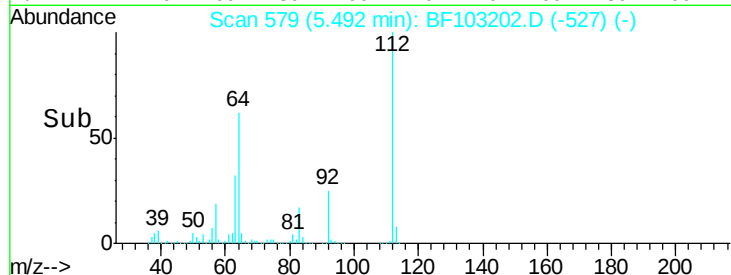
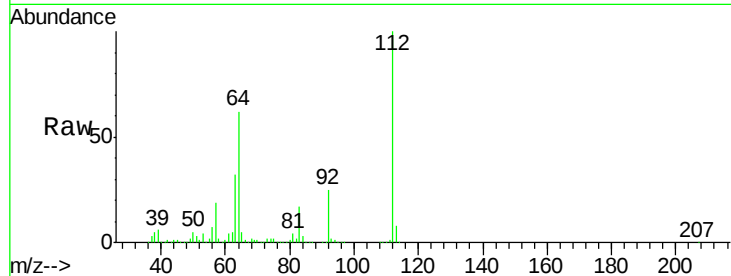
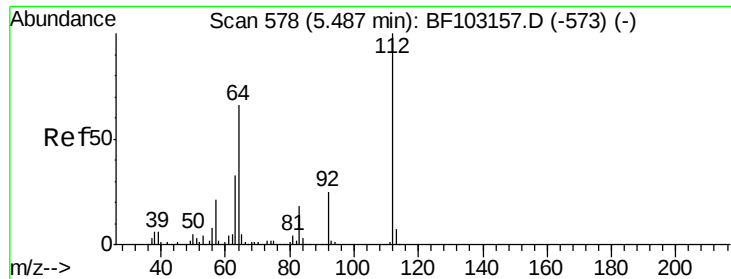
Delta R.T. 0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	42	Resp:	45823
Ion Ratio	Lower	Upper	
42	100		
74	122.8	104.9	157.3
44	12.6	6.9	10.3#





#5

2-Fluorophenol

Concen: 112.084 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	112	Resp:	1280749
Ion	Ratio	Lower	Upper
112	100		
64	61.7	47.9	71.9
63	31.7	23.7	35.5

Instrument :

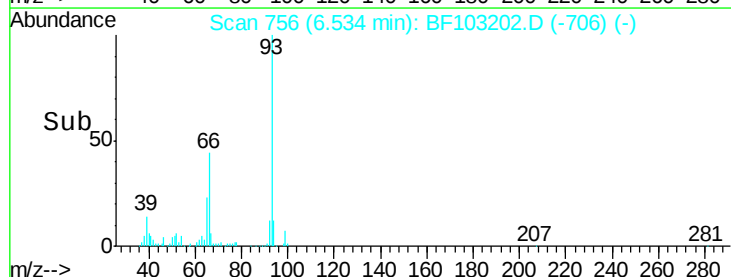
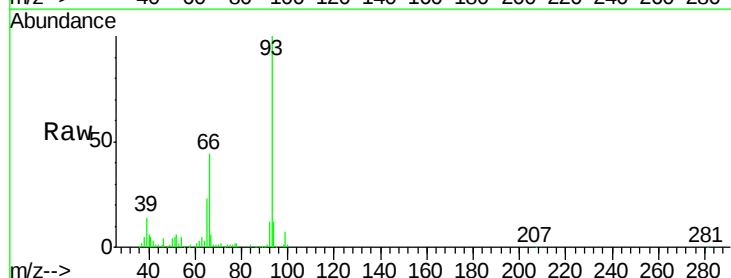
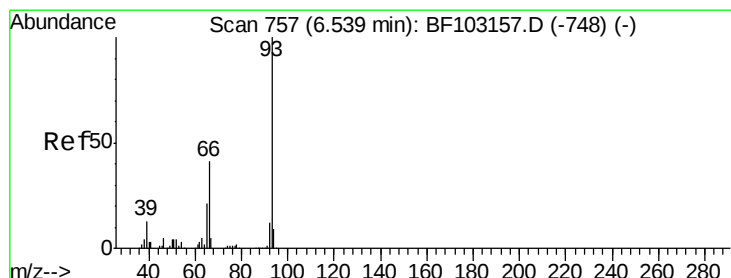
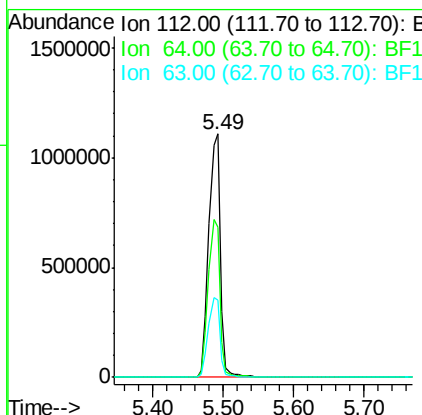
BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2018

Manual Integrations
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#6

Aniline

Concen: 8.280 ng

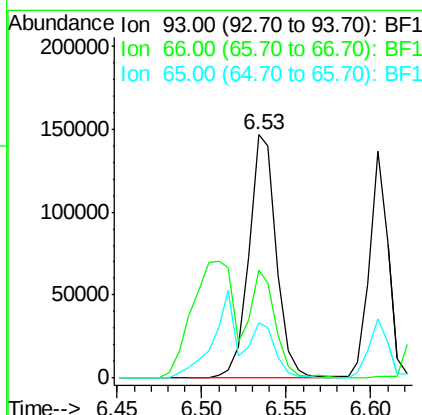
RT: 6.53 min Scan# 756

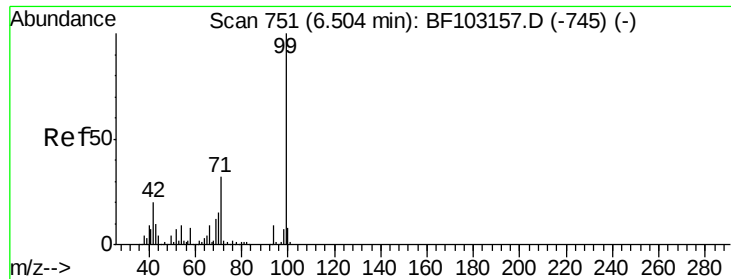
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	93	Resp:	167086
Ion	Ratio	Lower	Upper
93	100		
66	44.4	32.2	48.2
65	22.6	16.4	24.6





#7

Phenol-d6

Concen: 113.332 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion: 99 Resp: 1584640

Ion Ratio Lower Upper

99 100

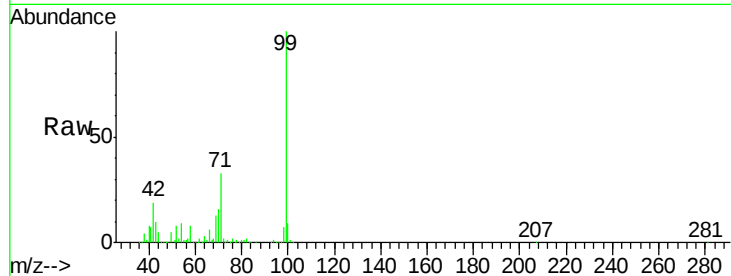
42 19.4 14.5 21.7

71 33.4 25.4 38.0

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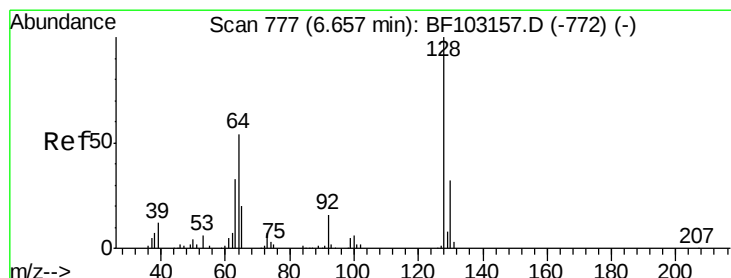
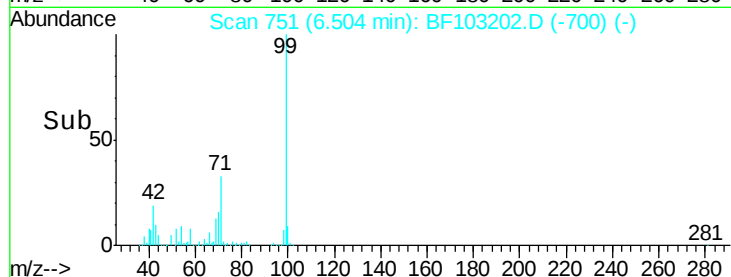
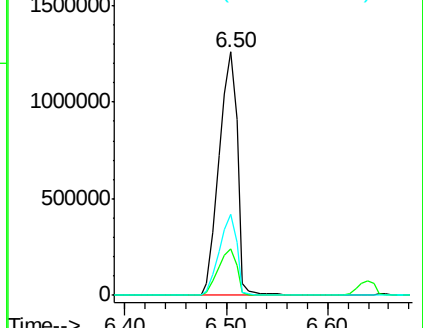
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 7.912 ng

RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

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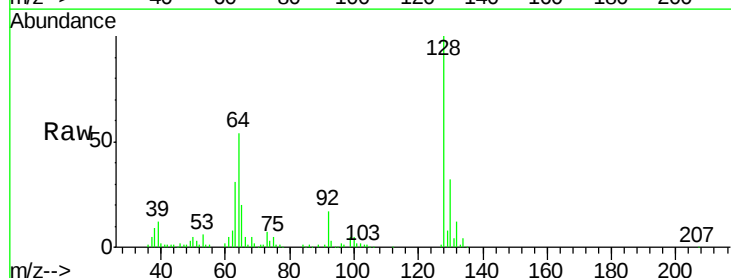
Tgt Ion: 128 Resp: 93917

Ion Ratio Lower Upper

128 100

130 32.0 13.0 53.0

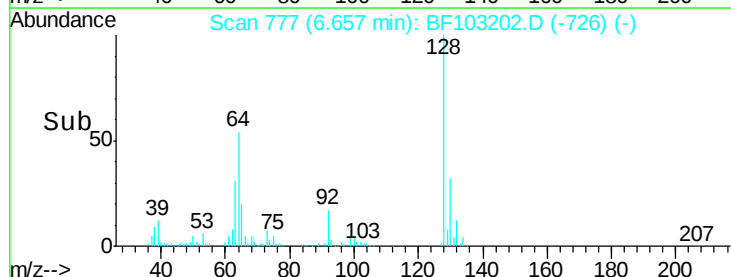
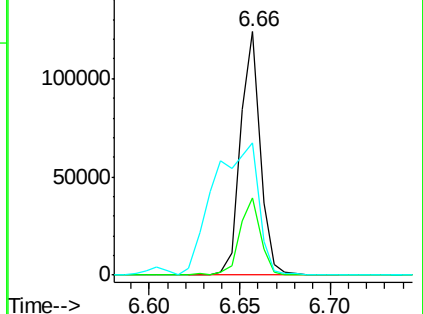
64 54.5 29.4 69.4

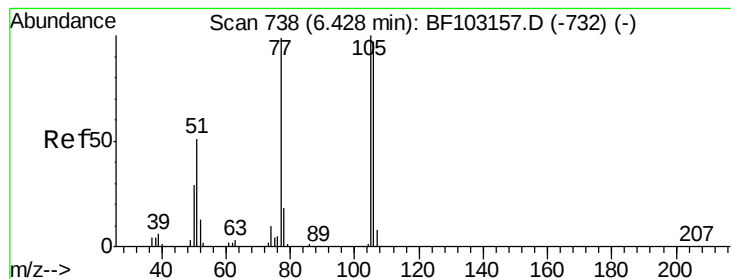


Abundance Ion 128.00 (127.70 to 128.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 4.937 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

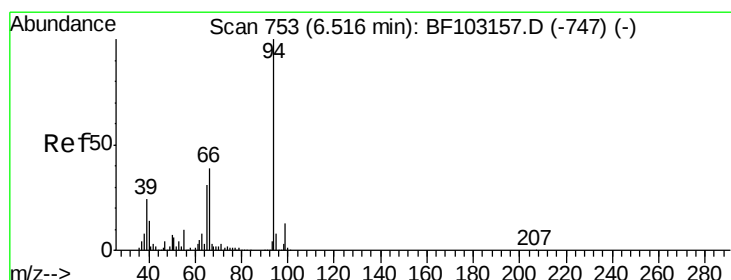
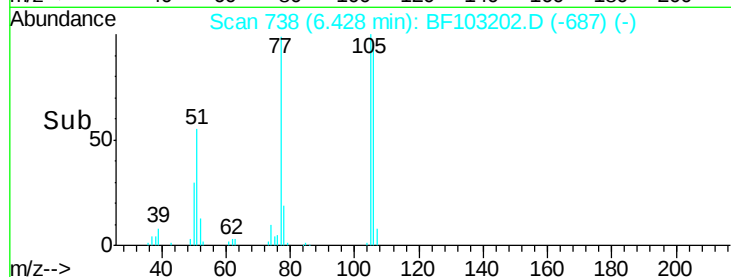
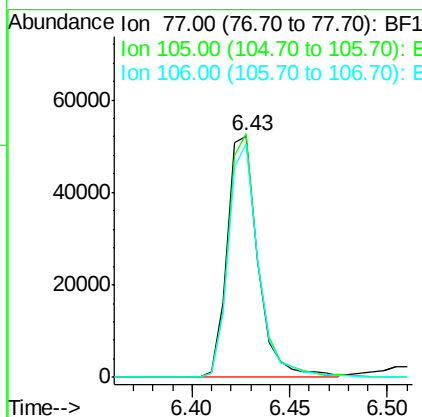
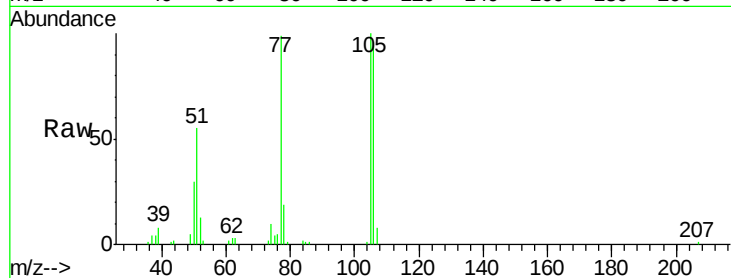
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion: 77 Resp: 57080
 Ion Ratio Lower Upper
 77 100
 105 100.8 81.1 121.1
 106 96.8 74.5 114.5

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#10

Phenol

Concen: 7.996 ng

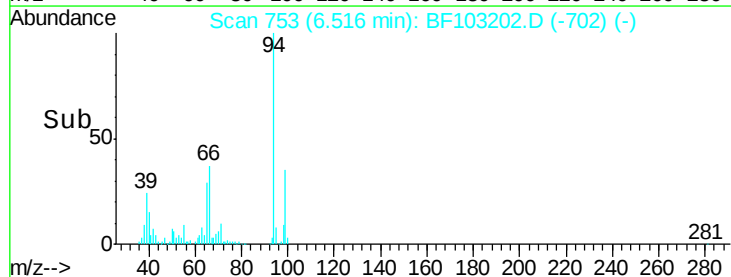
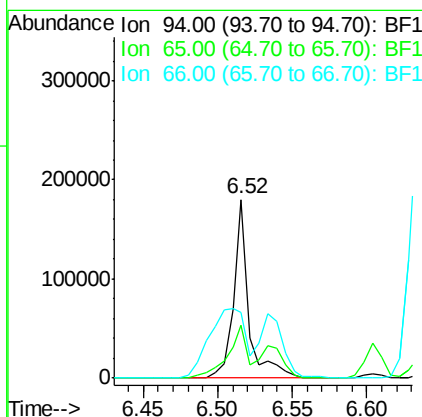
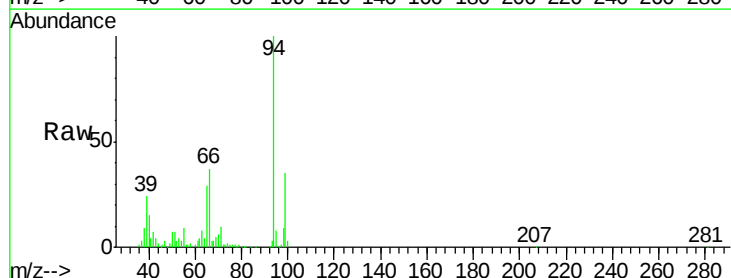
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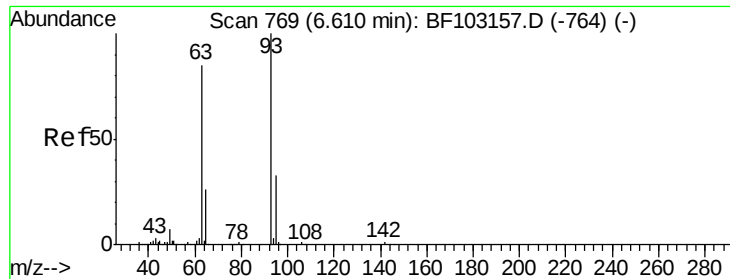
Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion: 94 Resp: 129797
 Ion Ratio Lower Upper
 94 100
 65 29.3 7.9 47.9
 66 37.0 16.2 56.2





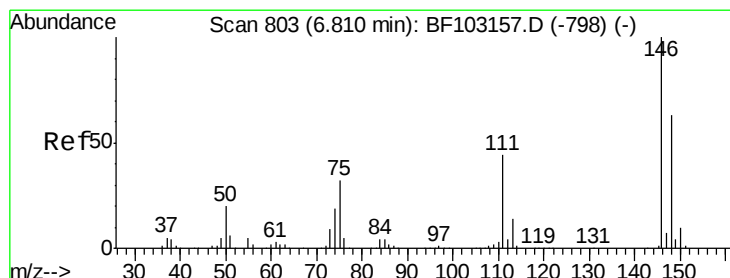
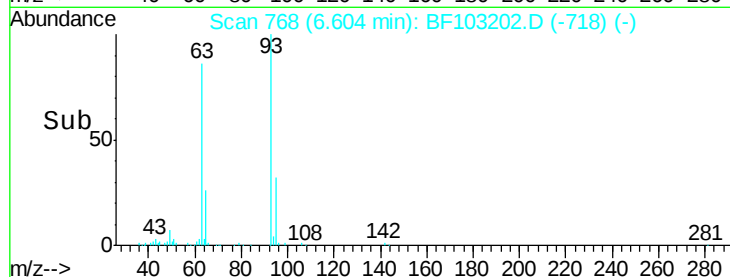
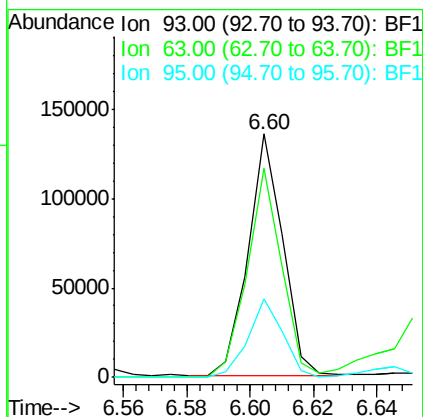
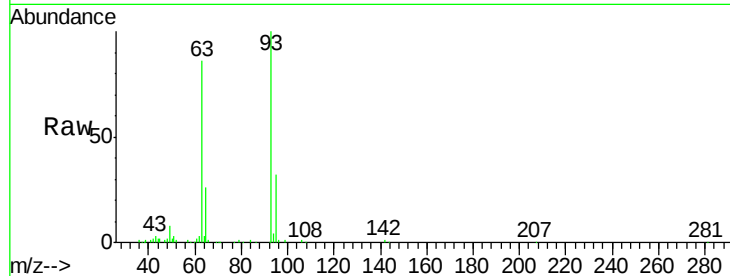
#11
bis(2-Chloroethyl)ether
Concen: 8.368 ng
RT: 6.60 min Scan# 768
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
63	86.0	58.6	98.6
95	32.3	11.8	51.8

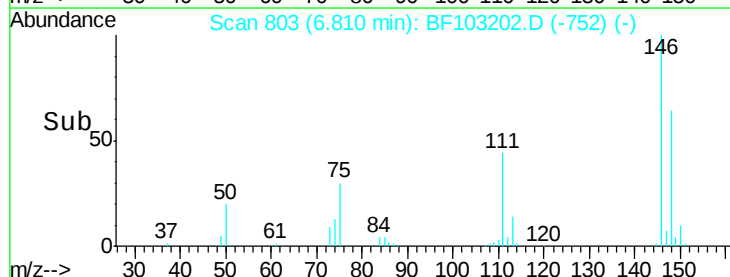
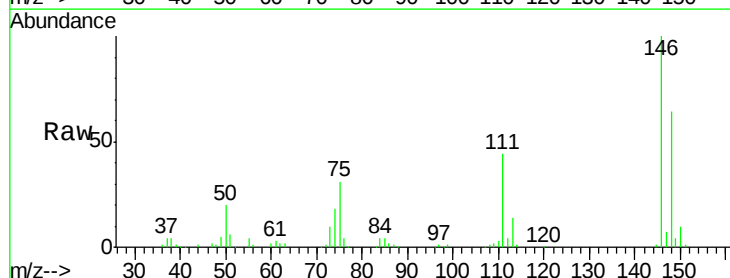
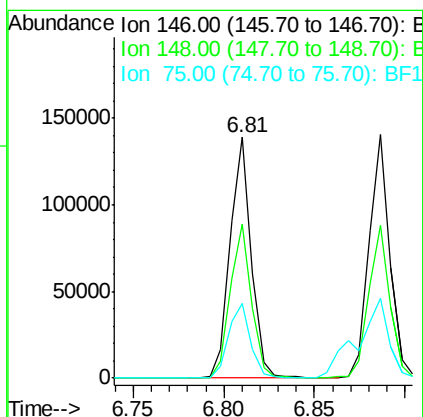
Manual Integrations
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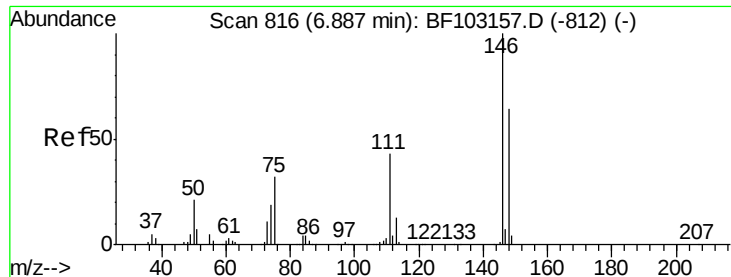
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#12
1,3-Dichlorobenzene
Concen: 8.377 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp Lower	Upper
146	100		
148	63.9	51.8	77.8
75	31.1	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 8.302 ng

RT: 6.89 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

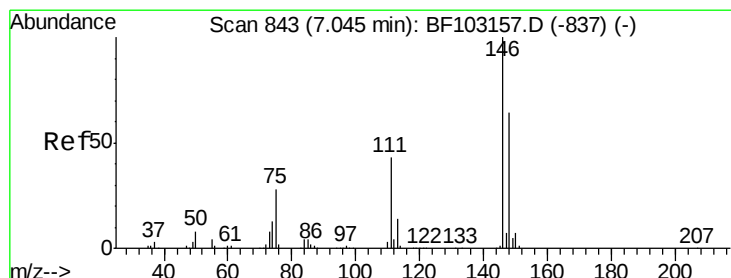
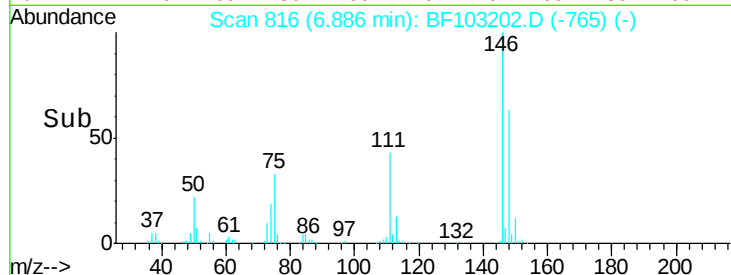
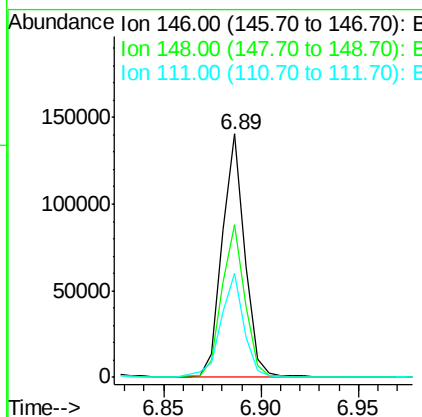
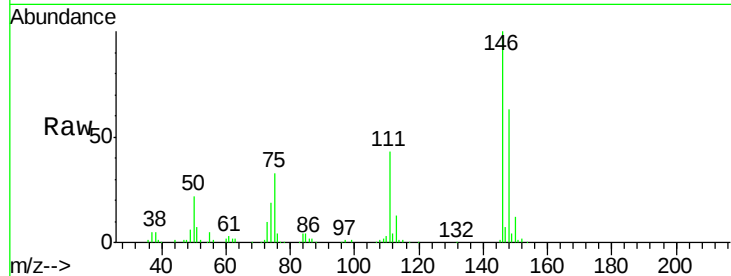
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	146	Resp:	112912
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.8	76.2
111	43.0	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 8.354 ng

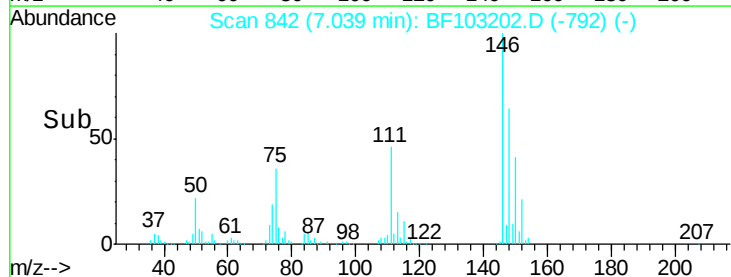
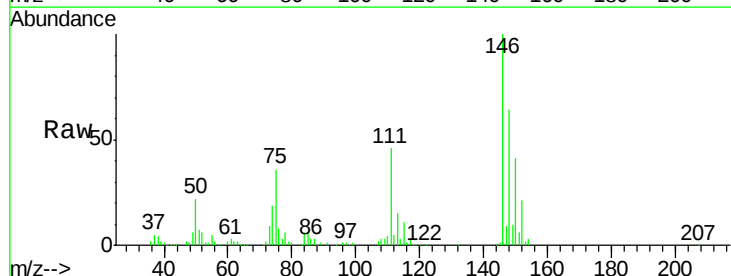
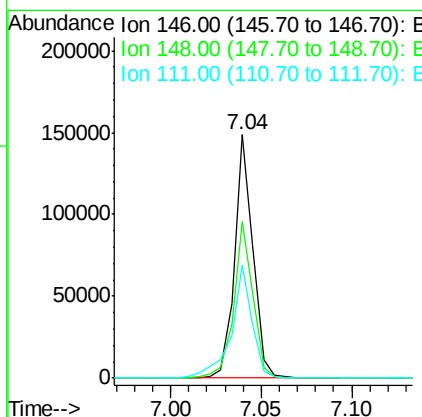
RT: 7.04 min Scan# 842

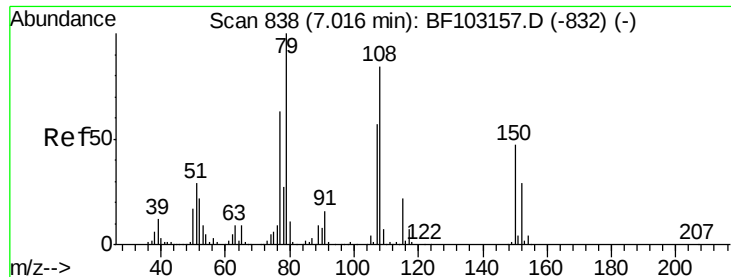
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	146	Resp:	104764
Ion Ratio	Lower	Upper	
146	100		
148	64.2	50.6	75.8
111	46.3	36.0	54.0





#15

Benzyl Alcohol

Concen: 9.355 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

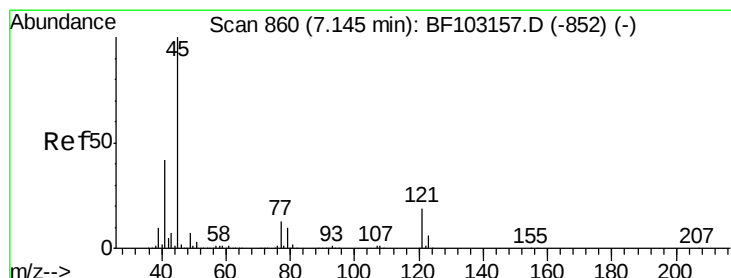
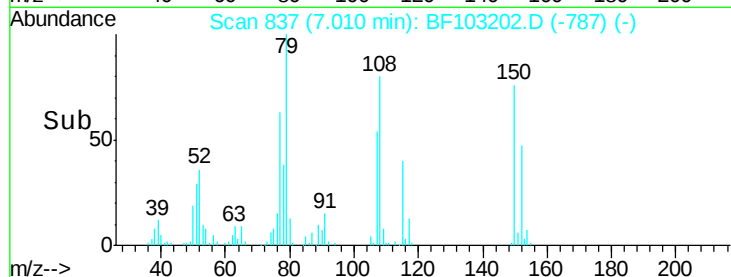
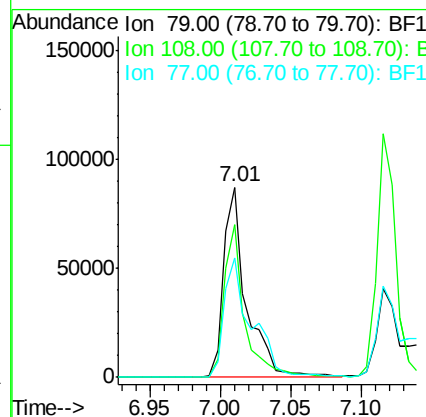
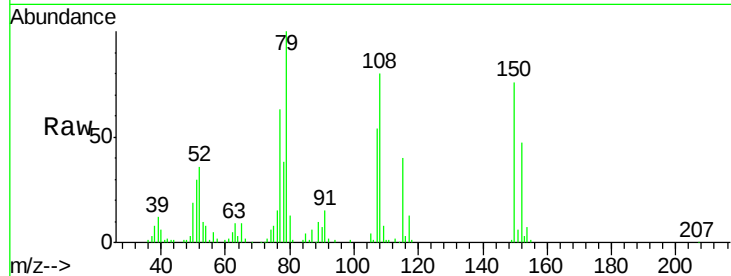
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	79	Resp:	98572
Ion Ratio	Lower	Upper	
79	100		
108	80.1	65.1	97.7
77	62.8	50.6	75.8

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#16

2,2'-oxybis(1-chloropropane)

Concen: 8.154 ng

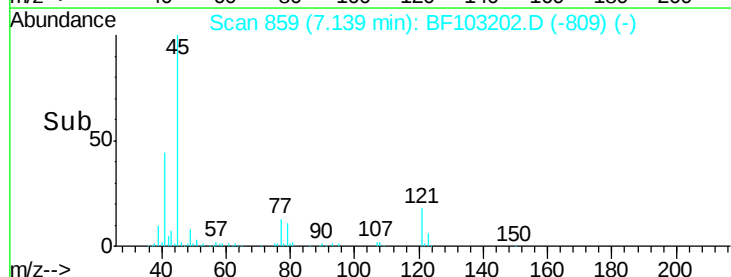
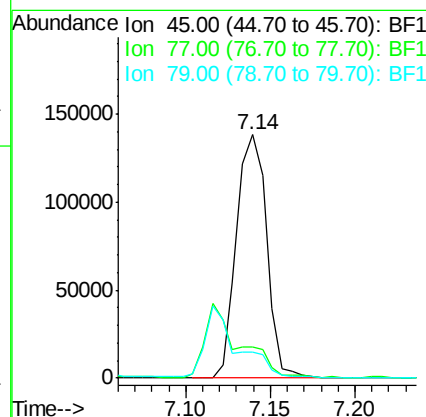
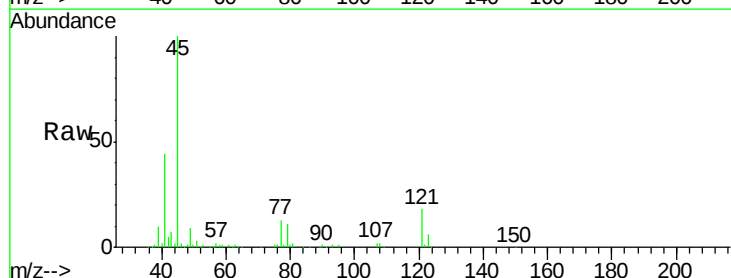
RT: 7.14 min Scan# 859

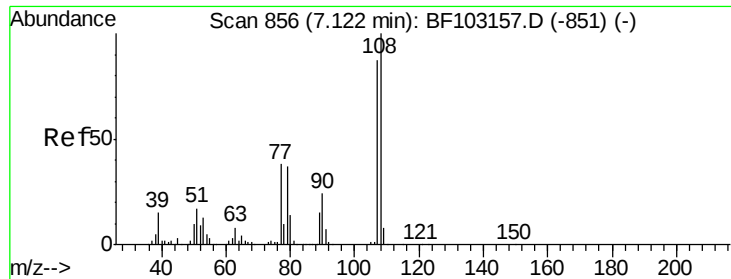
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	45	Resp:	172509
Ion Ratio	Lower	Upper	
45	100		
77	12.9	0.0	32.9
79	10.9	0.0	29.6





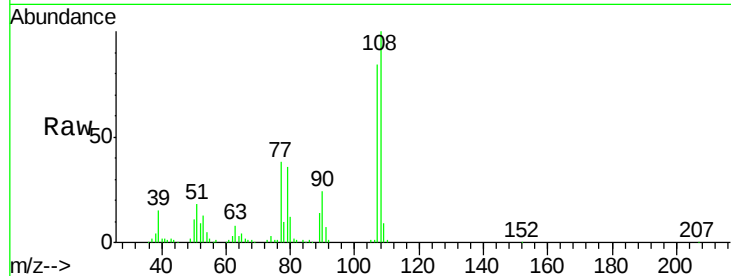
#17
2-Methylphenol
Concen: 8.106 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	87441		
108	119.7	91.7	137.5	
77	45.1	33.8	50.8	
79	43.6	33.8	50.8	

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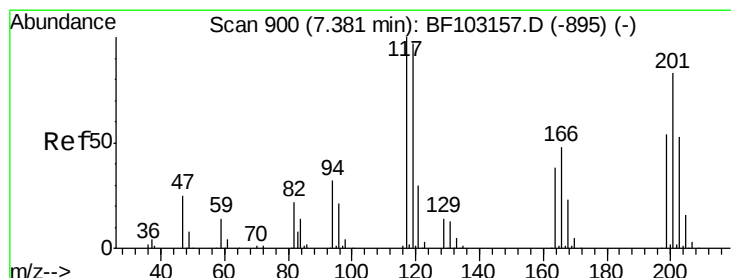
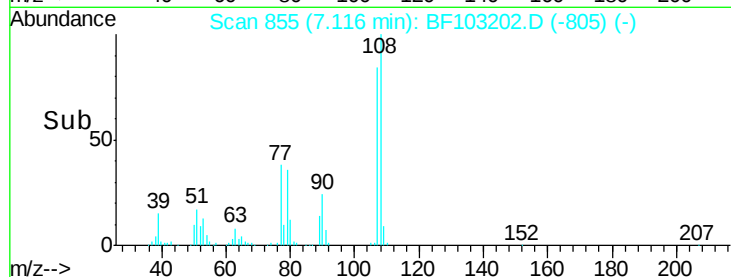
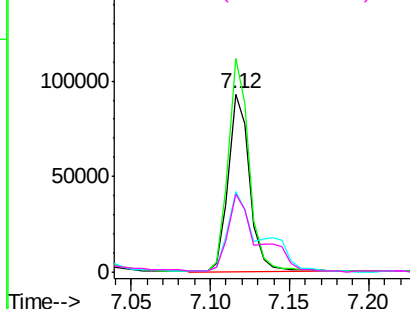
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 8.503 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

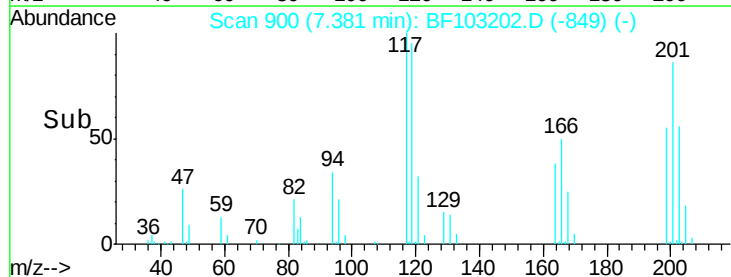
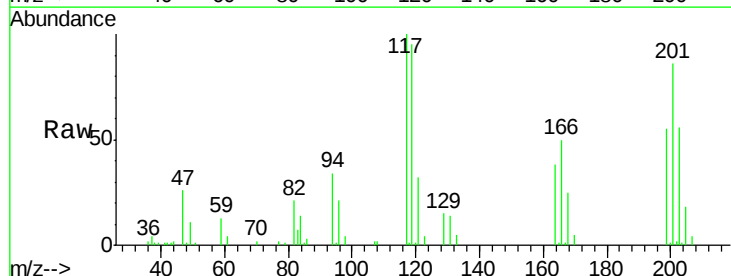
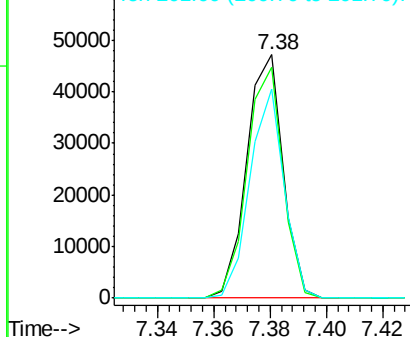
Tgt Ion	Ratio	Resp	Lower	Upper
117	100	42098		
119	94.9	75.8	113.8	
201	86.0	75.7	113.5	

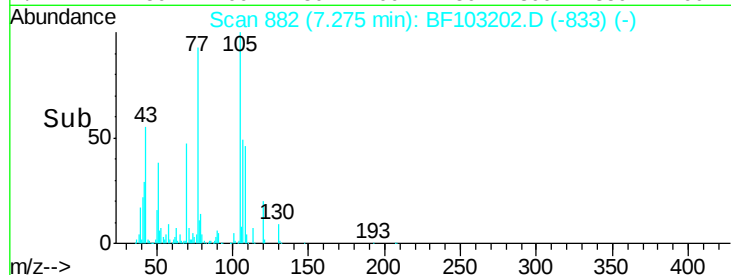
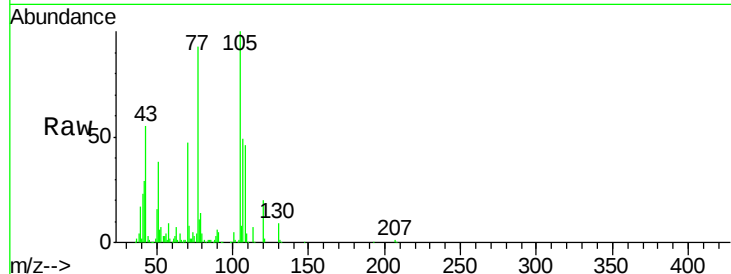
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





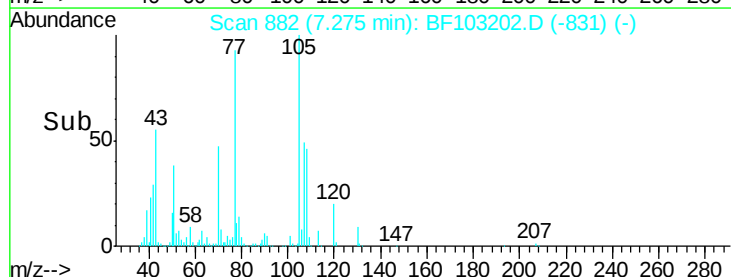
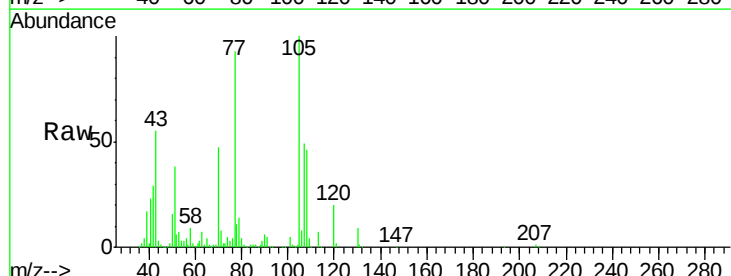
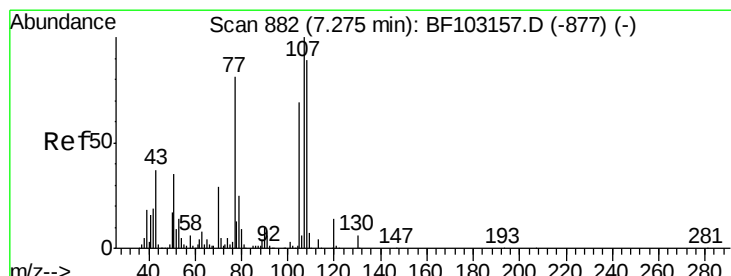
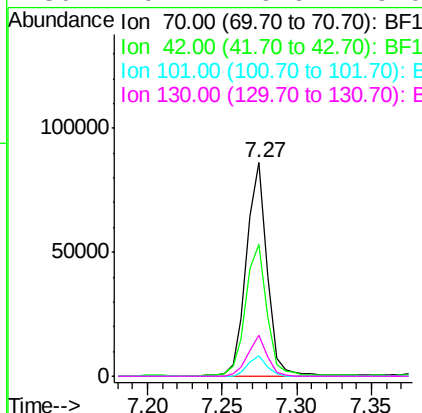
#19
n-Nitroso-di-n-propylamine
Concen: 9.599 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
70	100		
42	62.0	47.5	71.3
101	9.8	7.4	11.2
130	19.4	16.6	25.0

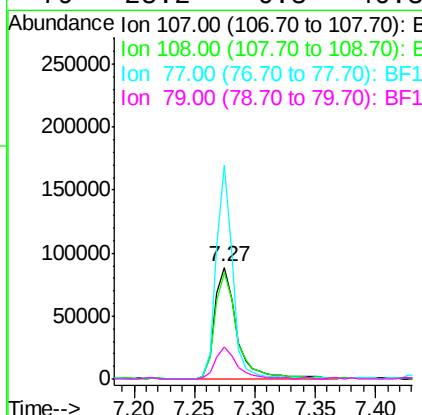
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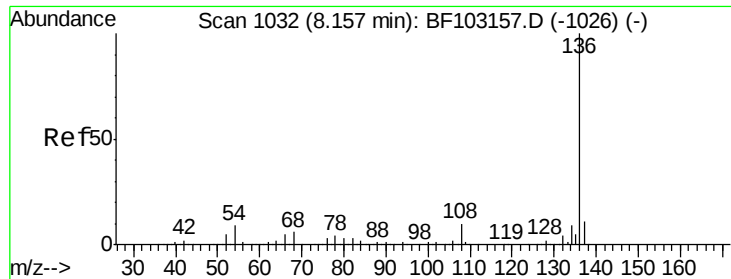
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#20
3+4-Methylphenols
Concen: 8.651 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	95.5	68.2	108.2
77	190.8	26.7	66.7#
79	28.2	6.3	46.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

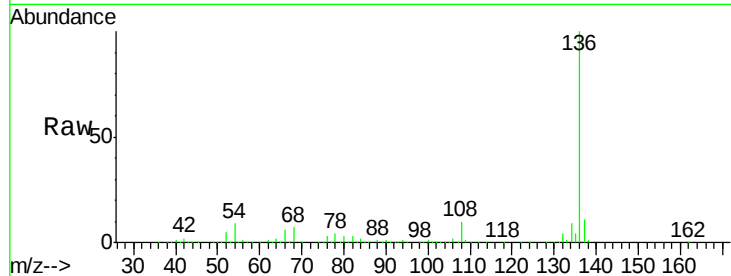
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	767592		
137	11.1	8.9	13.3	
54	9.5	6.6	9.8	
68	6.9	5.0	7.4	

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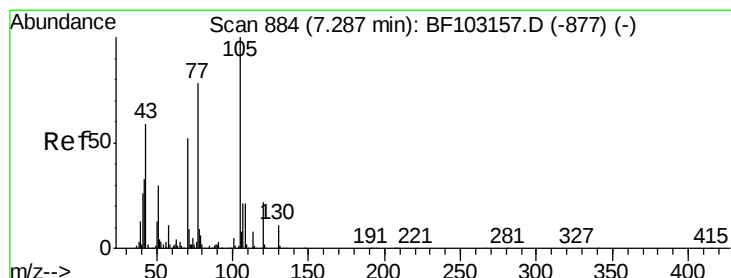
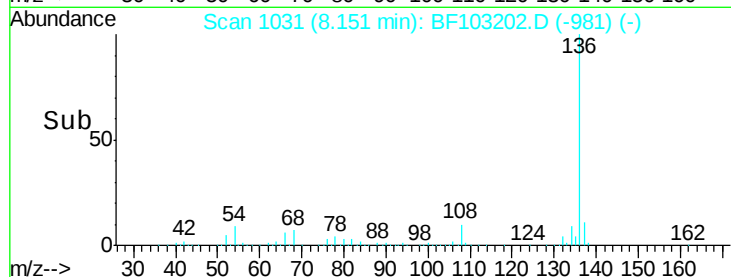
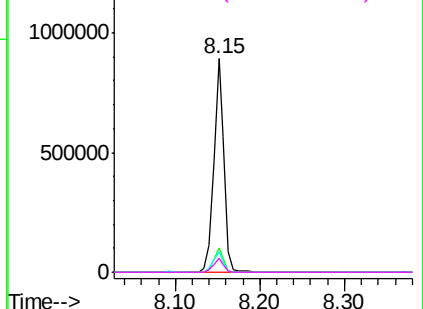


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 8.906 ng

RT: 7.27 min Scan# 882

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

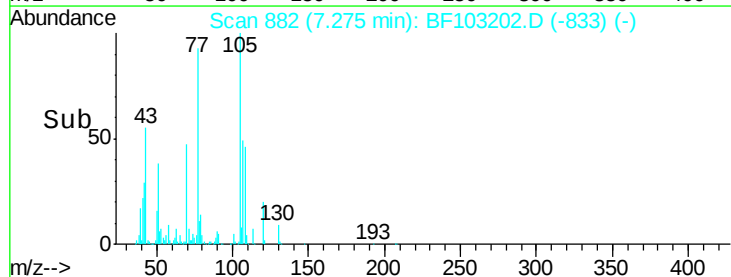
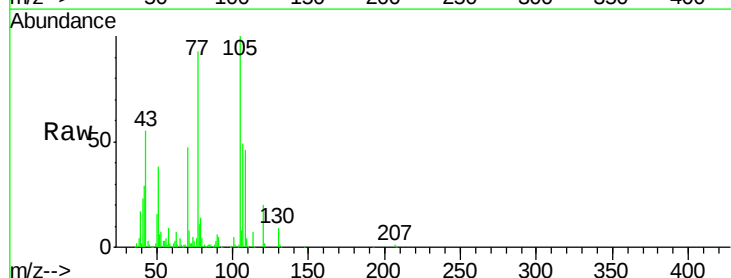
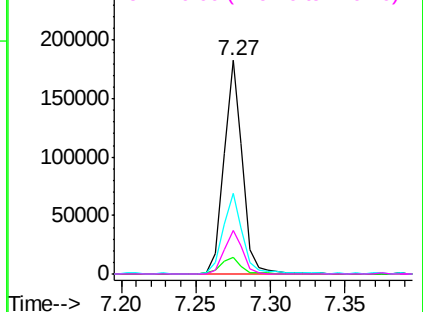
Tgt Ion	Ratio	Resp	Lower	Upper
105	100	159561		
71	7.5	4.4	6.6#	
51	37.9	22.3	33.5#	
120	20.5	16.9	25.3	

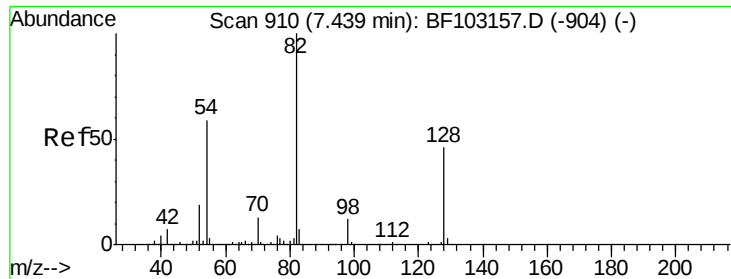
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





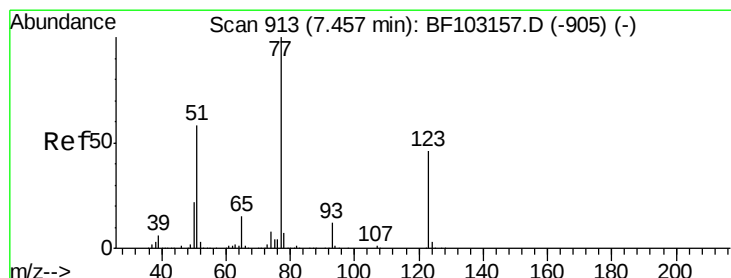
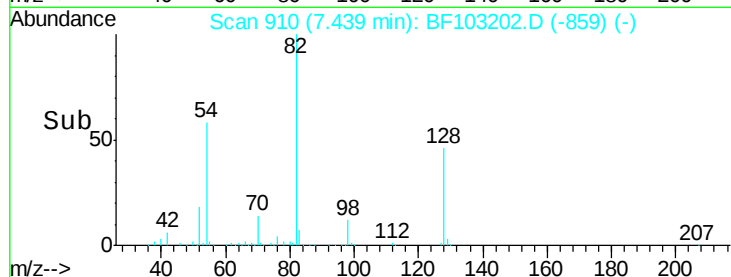
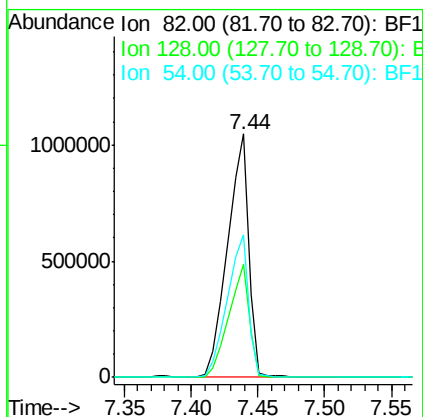
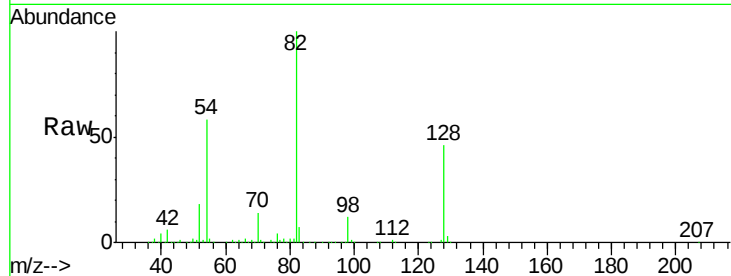
#23
 Nitrobenzene-d5
 Concen: 88.363 ng
 RT: 7.44 min Scan# 910
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion: 82 Resp: 1187678
 Ion Ratio Lower Upper
 82 100
 128 46.3 36.1 54.1
 54 58.3 41.4 62.2

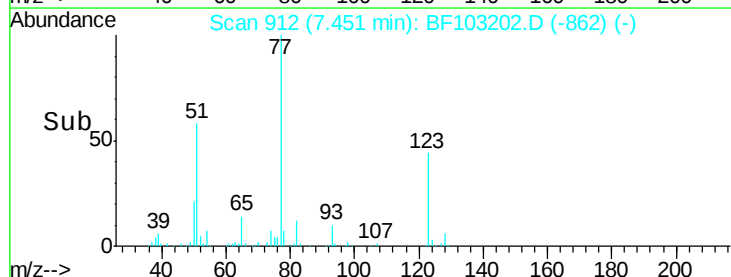
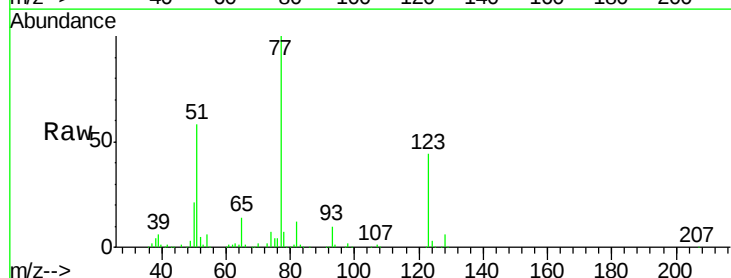
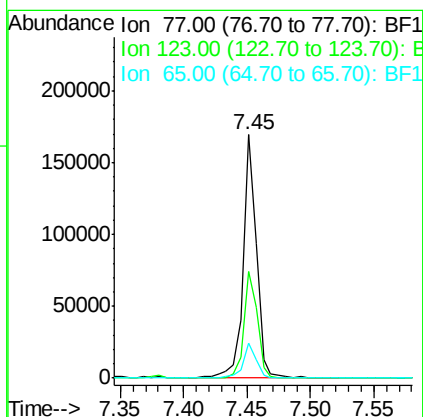
Manual Integrations
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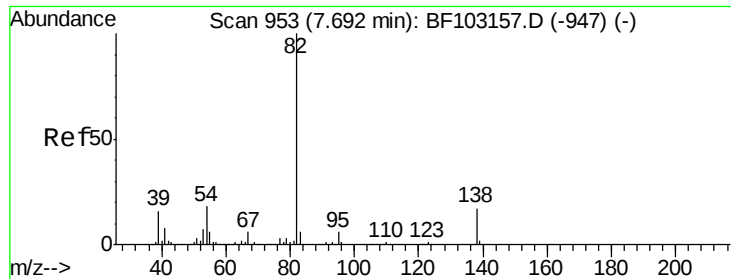
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#24
 Nitrobenzene
 Concen: 8.258 ng
 RT: 7.45 min Scan# 912
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion: 77 Resp: 122212
 Ion Ratio Lower Upper
 77 100
 123 43.9 37.9 56.9
 65 14.2 11.0 16.4





#25

Isophorone

Concen: 8.006 ng

RT: 7.69 min Scan# 952

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

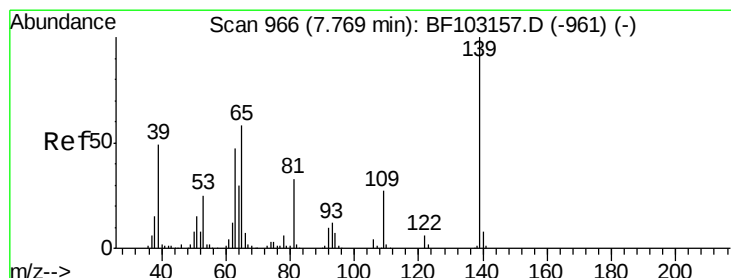
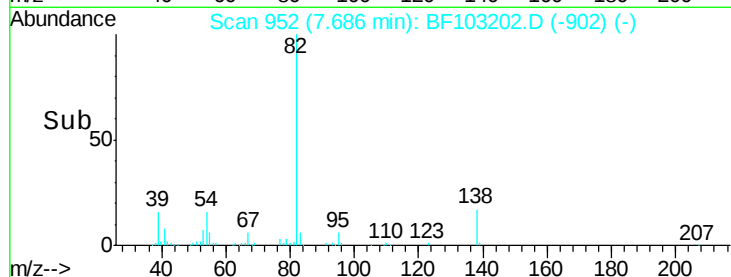
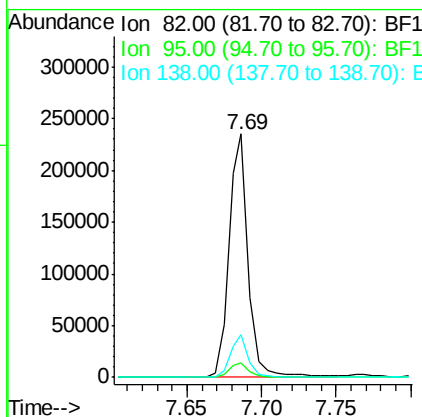
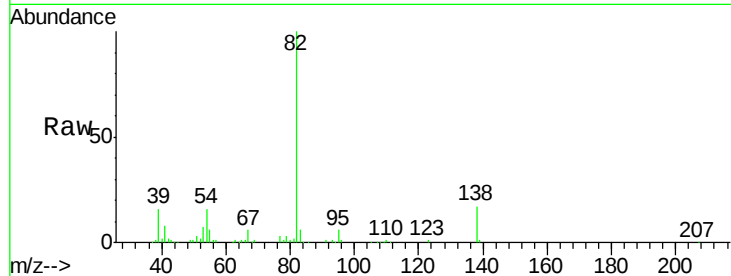
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	82	Resp:	211925
Ion Ratio	Lower	Upper	
82	100		
95	6.0	5.2	7.8
138	17.4	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 7.337 ng

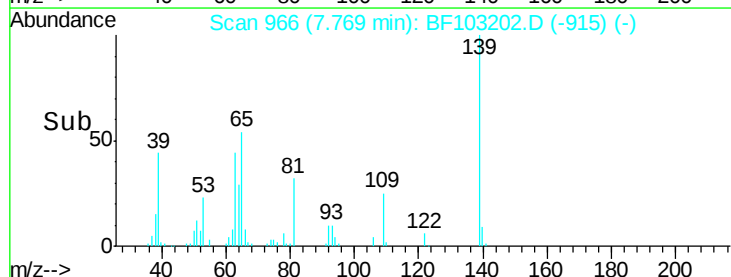
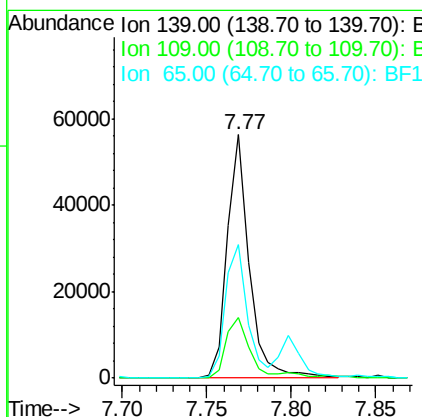
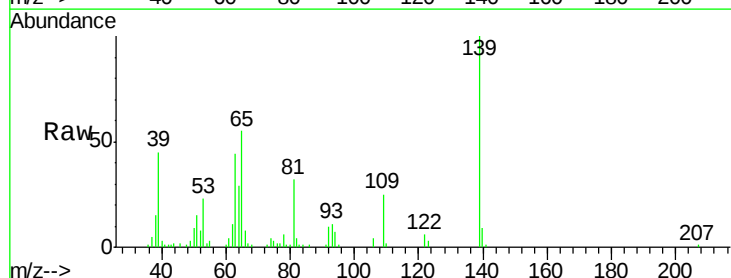
RT: 7.77 min Scan# 966

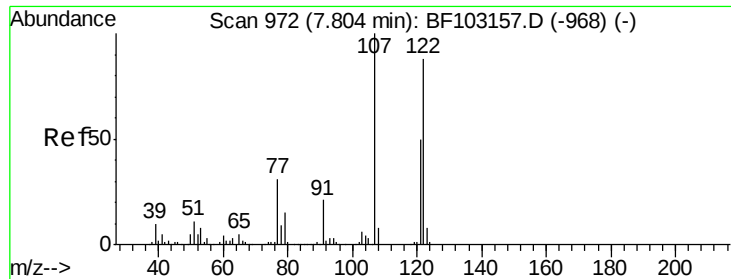
Delta R.T. -0.00 min

Lab File: BF103202.D

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Tgt Ion:	139	Resp:	51115
Ion Ratio	Lower	Upper	
139	100		
109	25.1	22.7	34.1
65	54.6	40.5	60.7





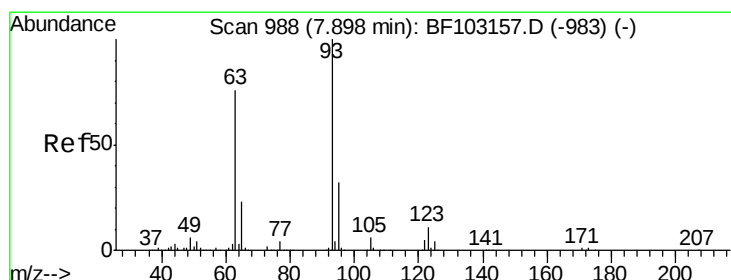
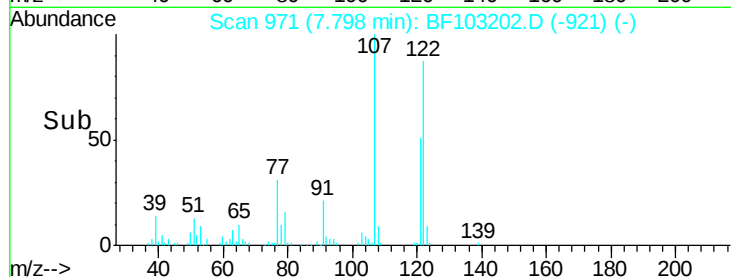
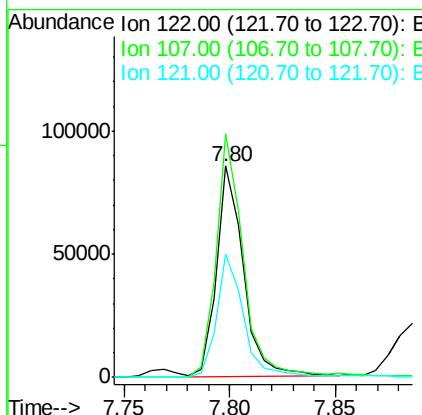
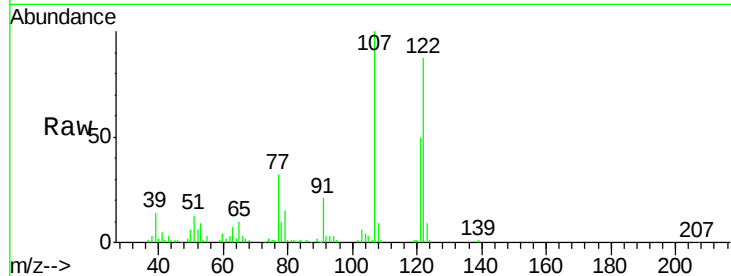
#27
2,4-Dimethylphenol
Concen: 7.132 ng
RT: 7.80 min Scan# 971
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.4	91.2	136.8
121	58.3	47.2	70.8

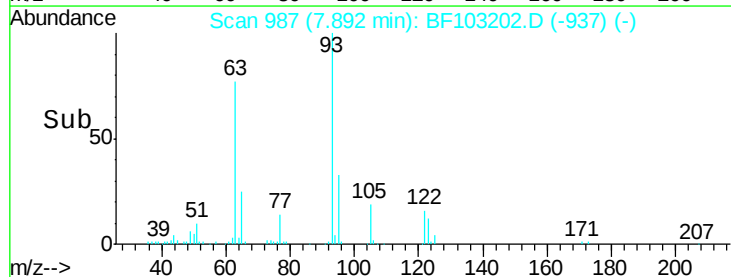
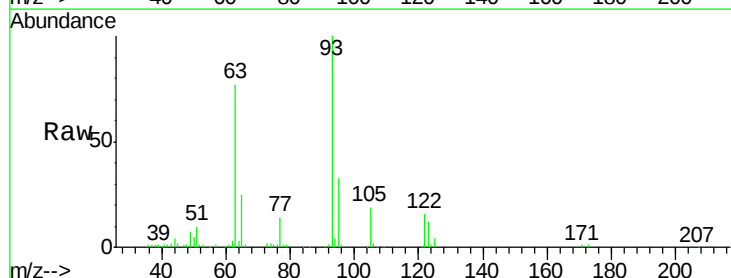
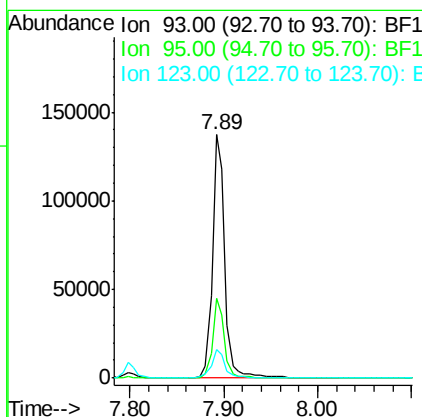
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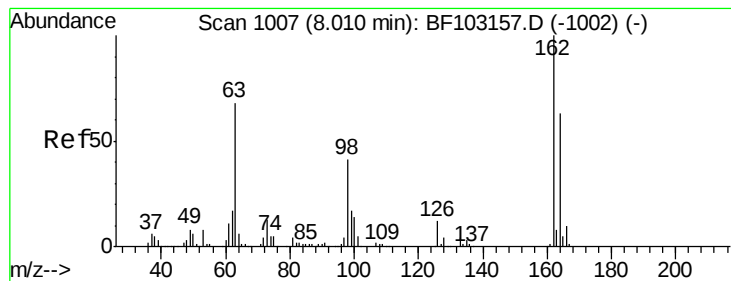
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#28
bis(2-Chloroethoxy)methane
Concen: 8.234 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.3	39.5
123	11.6	9.8	14.6





#29

2,4-Dichlorophenol

Concen: 7.696 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

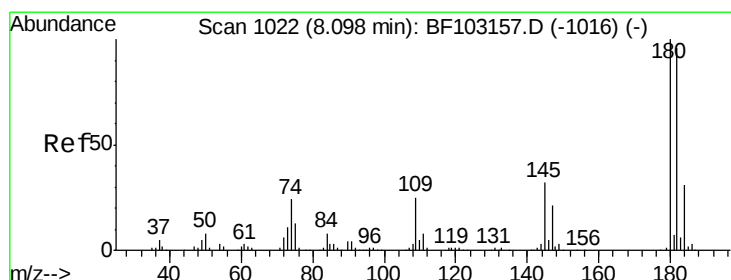
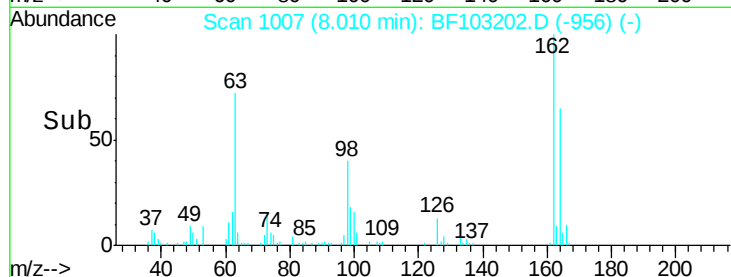
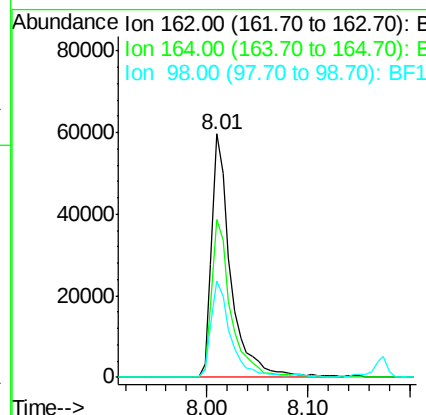
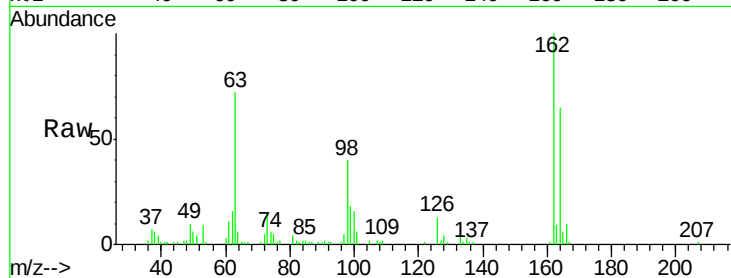
ClientSampleId :

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Tgt Ion:	162	Resp:	78464
Ion Ratio	Lower	Upper	
162	100		
164	64.6	42.7	82.7
98	39.7	18.1	58.1

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#30

1,2,4-Trichlorobenzene

Concen: 8.000 ng

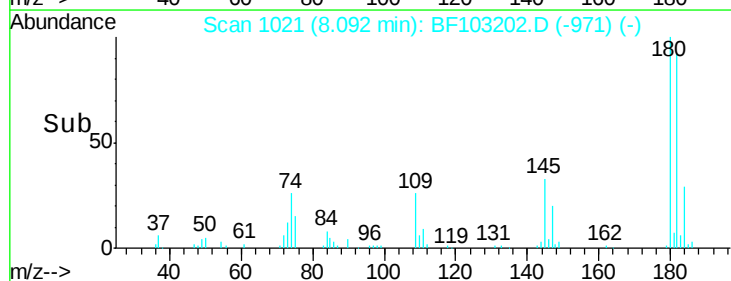
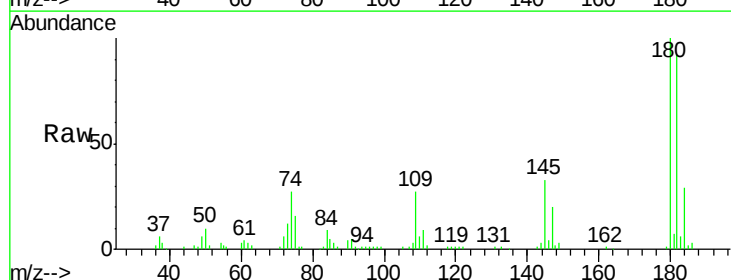
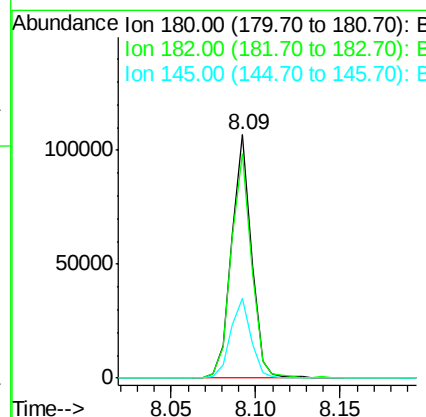
RT: 8.09 min Scan# 1021

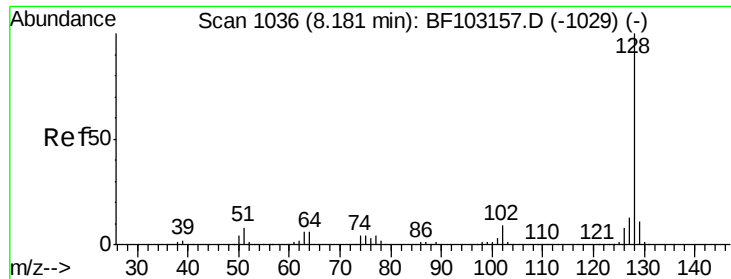
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	180	Resp:	86857
Ion Ratio	Lower	Upper	
180	100		
182	92.2	76.8	115.2
145	32.6	26.5	39.7





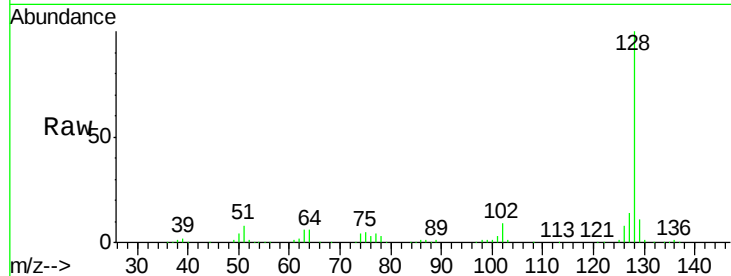
#31
Naphthalene
Concen: 8.401 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

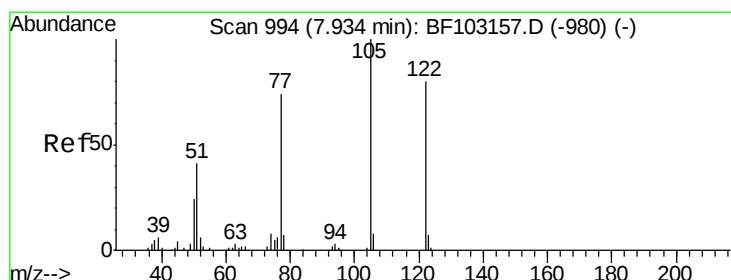
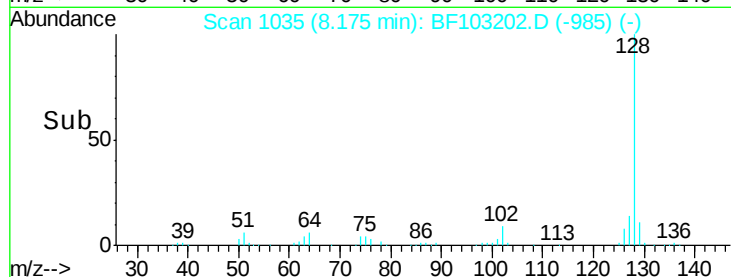
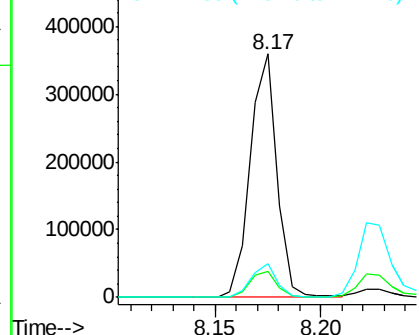
Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.8	13.2
127	13.7	10.9	16.3

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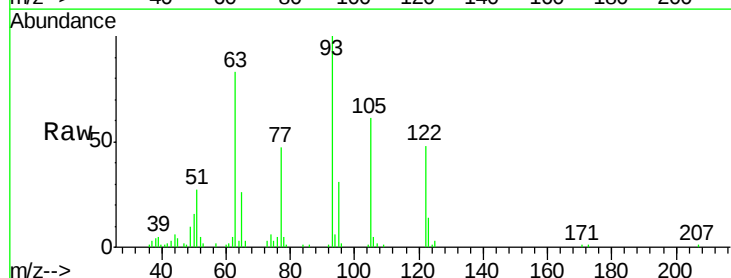


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

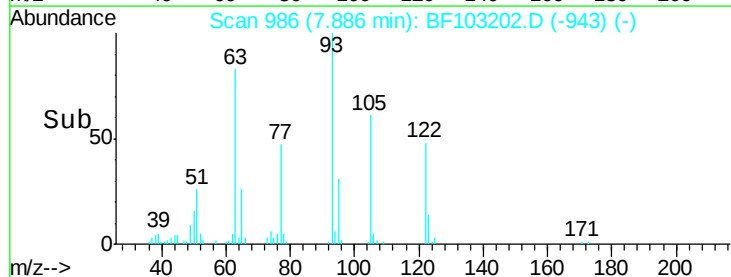
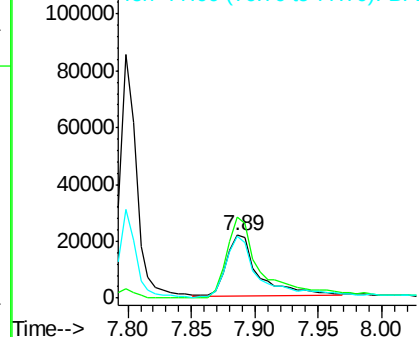


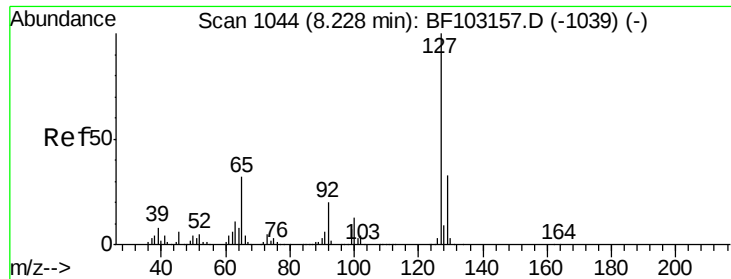
#32
Benzoic acid
Concen: 11.060 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.05 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
122	100		
105	128.3	101.1	141.1
77	97.9	70.7	110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





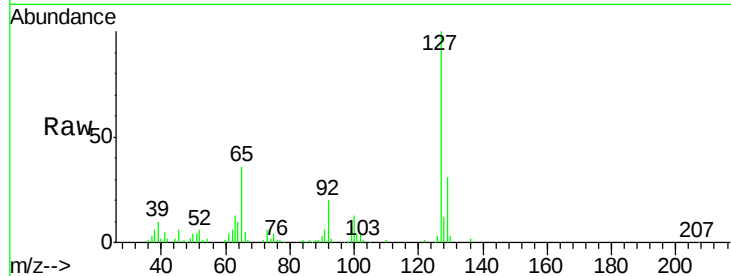
#33
4-Chloroaniline
Concen: 7.814 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
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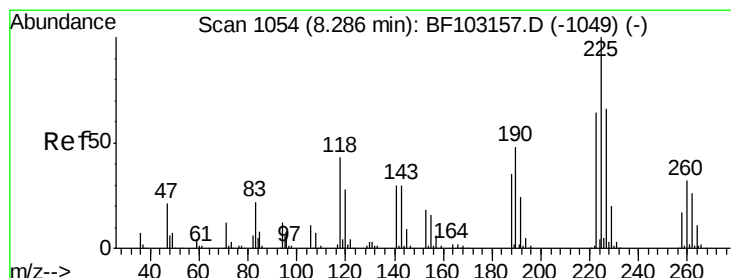
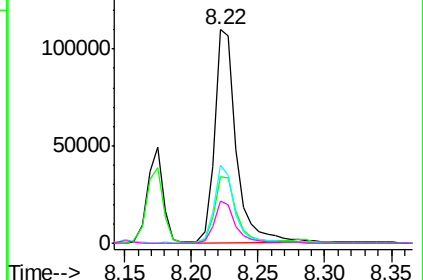
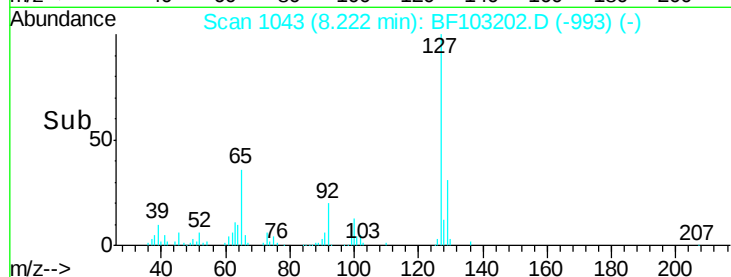
Tgt Ion	Ratio	Resp	Lower	Upper
127	100	126722		
129	31.2	25.9	38.9	
65	36.3	25.0	37.4	
92	20.1	15.2	22.8	

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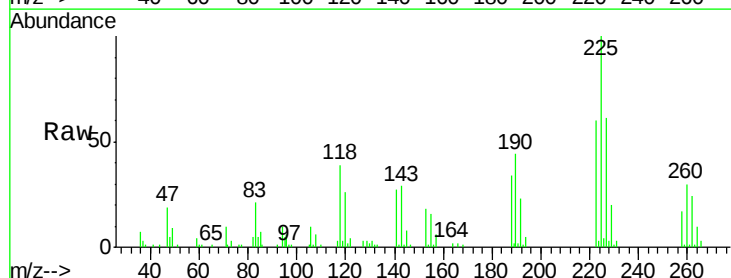


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

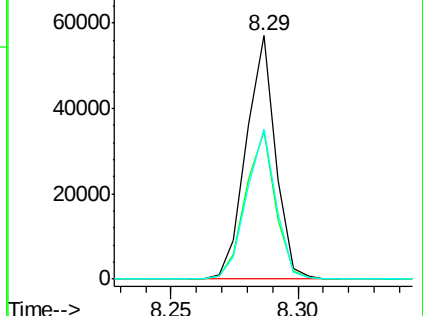
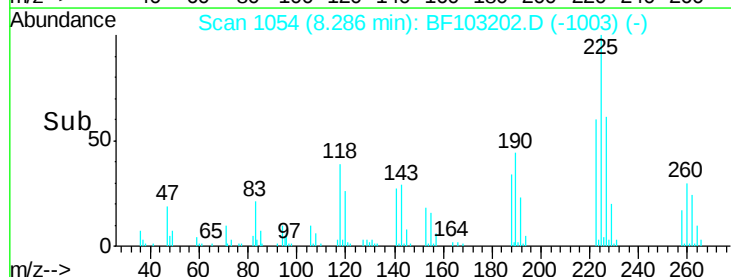


#34
Hexachlorobutadiene
Concen: 8.111 ng
RT: 8.29 min Scan# 1054
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	45854		
223	60.5	50.6	76.0	
227	61.4	51.9	77.9	



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





#35

Caprolactam

Concen: 7.456 ng

RT: 8.57 min Scan# 1102

Delta R.T. -0.04 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

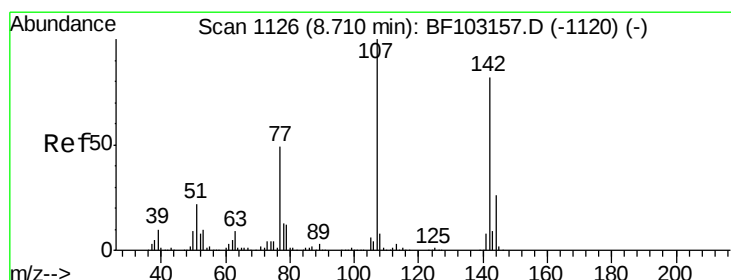
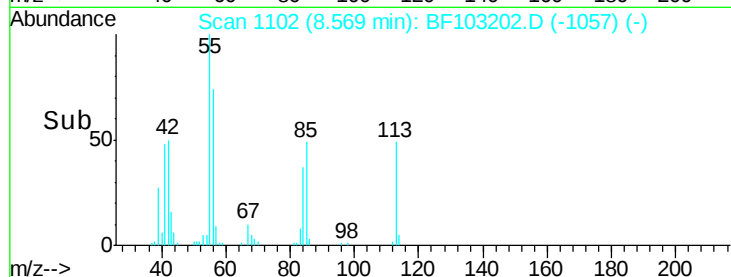
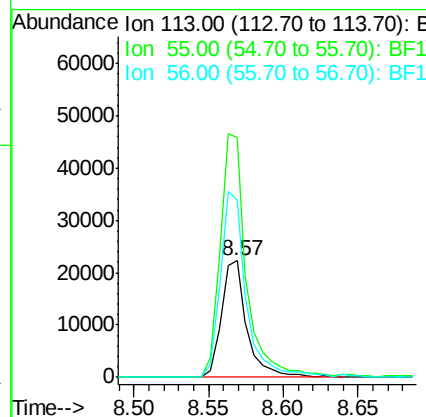
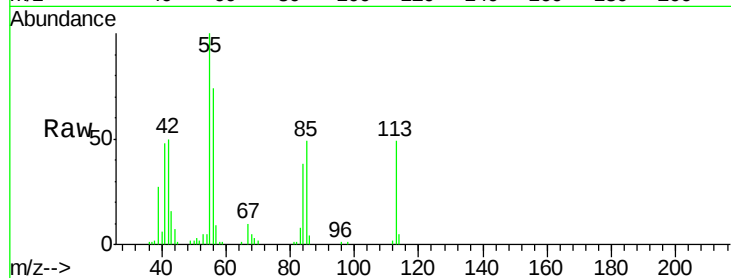
ClientSampleId :

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Tgt Ion:113 Resp: 26716
 Ion Ratio Lower Upper
 113 100
 55 205.4 163.3 203.3#
 56 151.6 115.7 155.7

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#36

4-Chloro-3-methylphenol

Concen: 7.870 ng

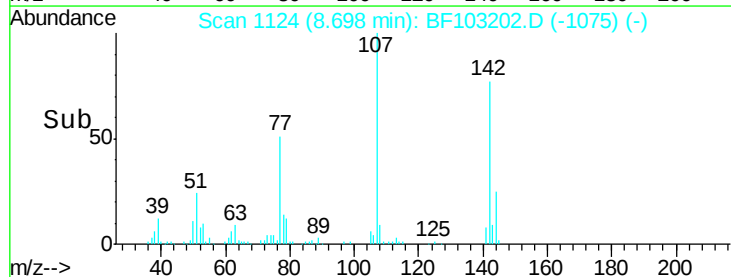
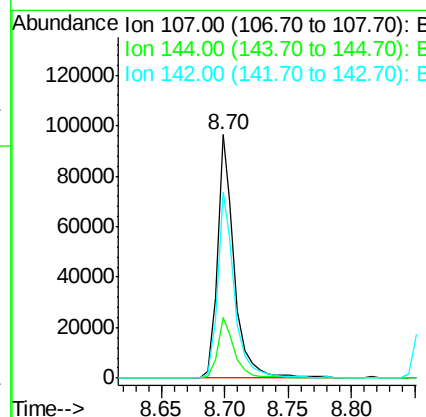
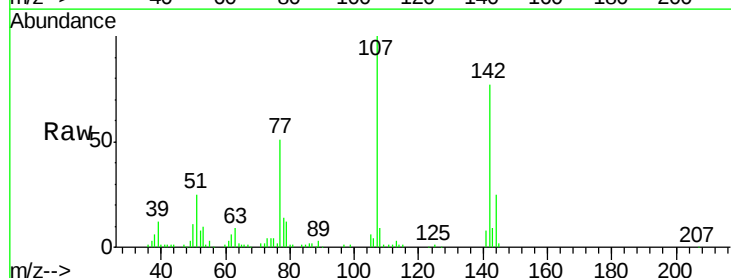
RT: 8.70 min Scan# 1124

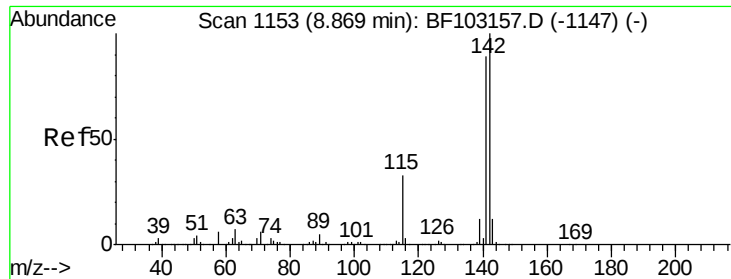
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:107 Resp: 90502
 Ion Ratio Lower Upper
 107 100
 144 24.7 20.5 30.7
 142 76.5 62.0 93.0





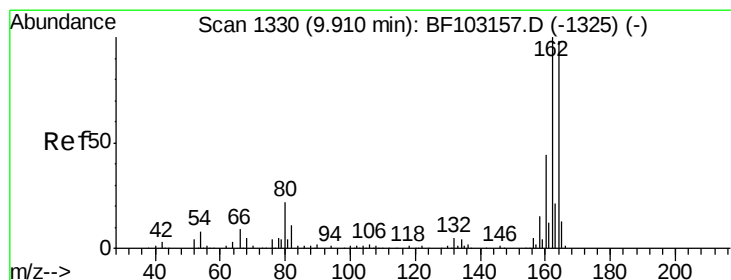
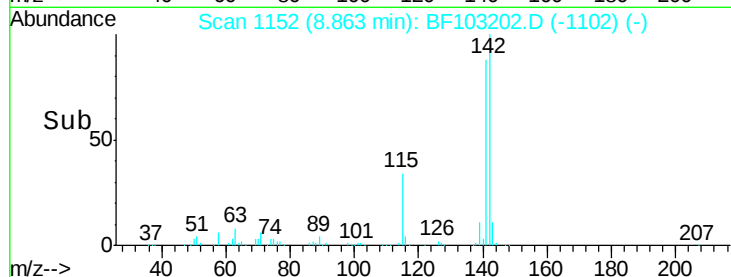
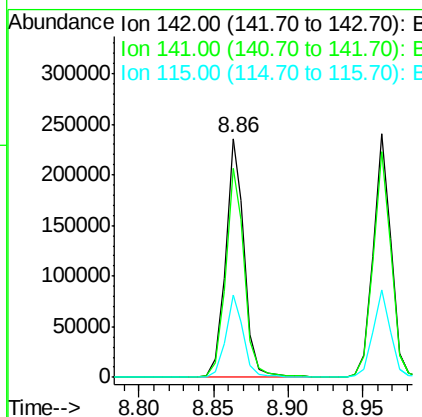
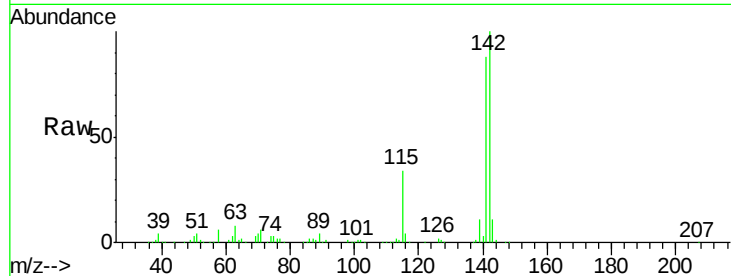
#37
2-Methylnaphthalene
Concen: 8.608 ng
RT: 8.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
142	100	209062		
141	87.9	70.8	106.2	
115	34.3	26.1	39.1	

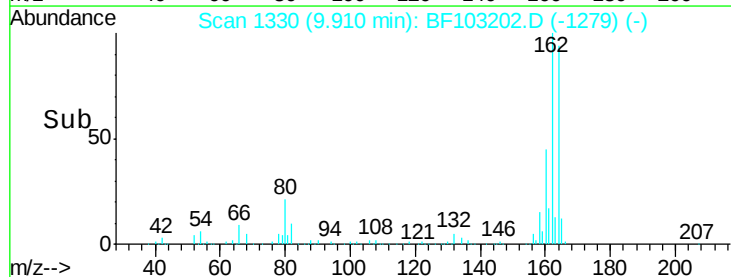
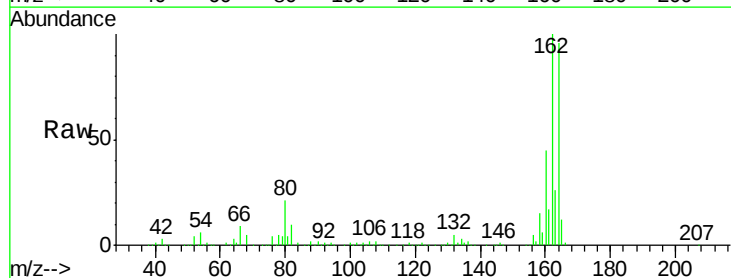
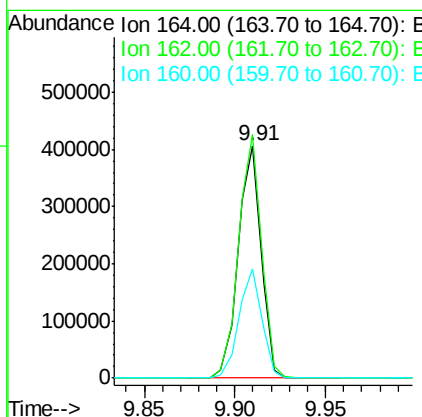
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.91 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	356958		
162	104.7	86.1	129.1	
160	46.7	38.3	57.5	





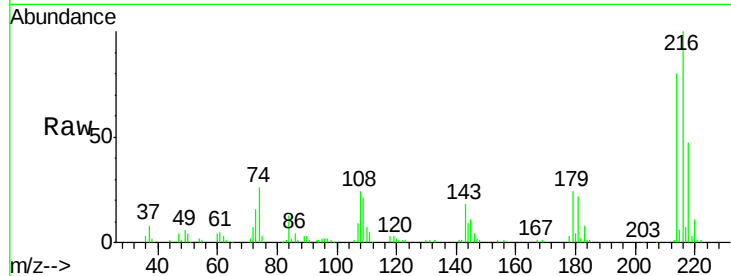
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 8.311 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

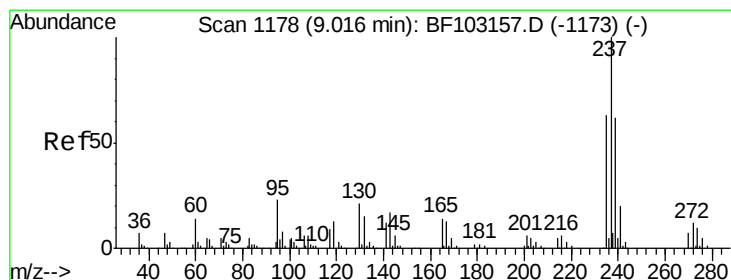
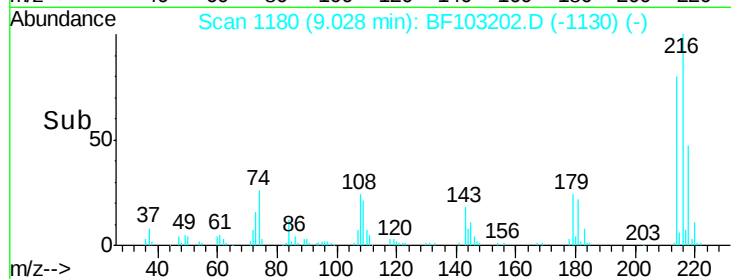
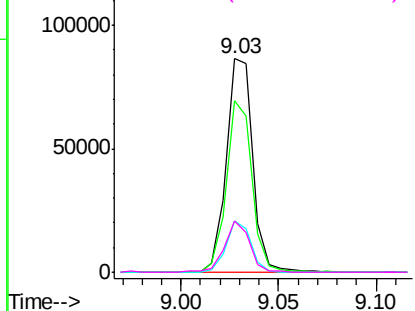
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	81105		
214	77.9	63.0	94.4	
179	22.5	18.1	27.1	
108	22.8	17.2	25.8	

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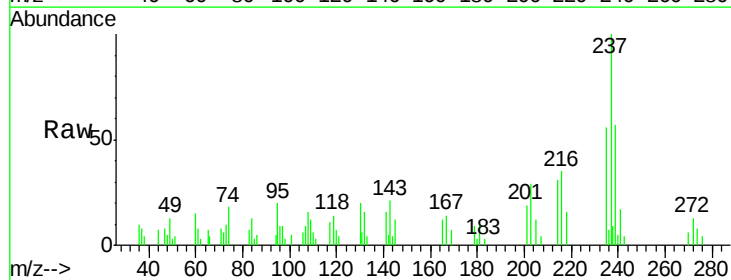


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

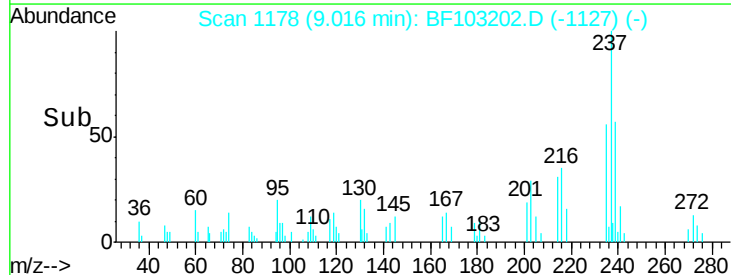
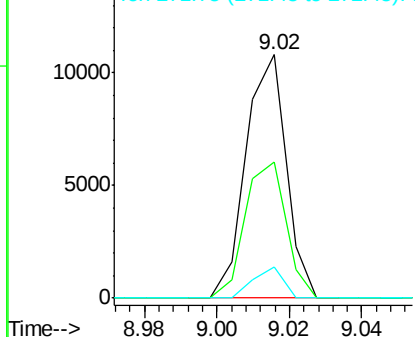


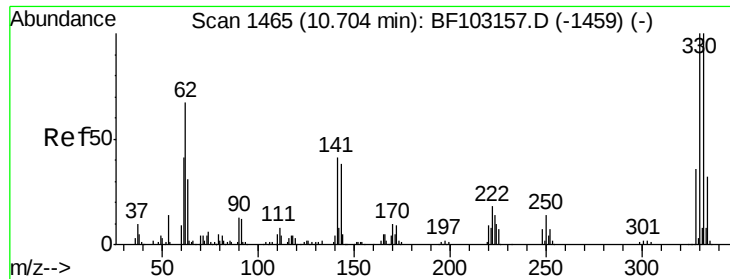
#40
 Hexachlorocyclopentadiene
 Concen: 11.028 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	8305		
235	56.1	44.8	84.8	
272	12.7	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: 113.303 ng

RT: 10.70 min Scan# 1465

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

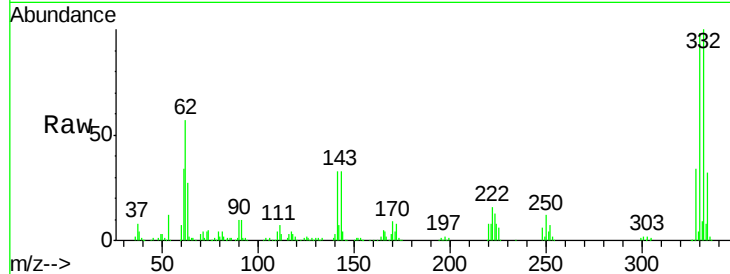
ClientSampleId :

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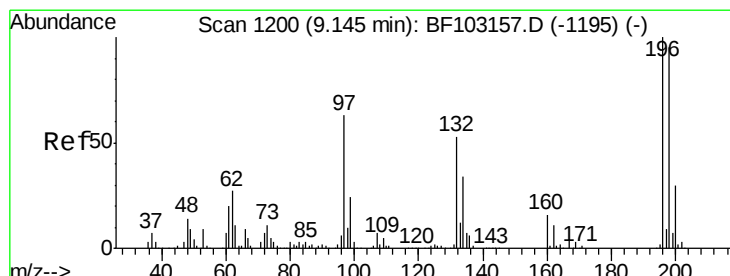
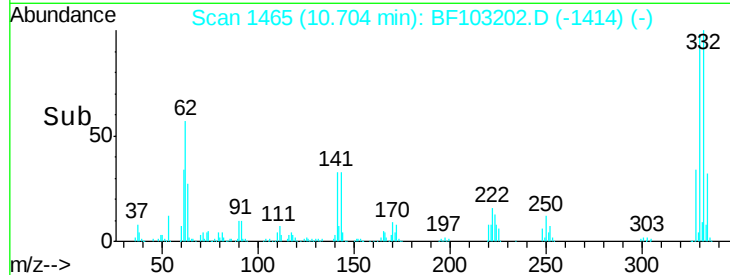
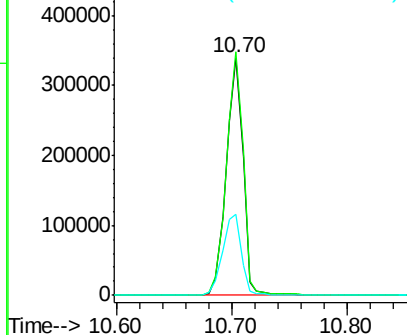
Tgt Ion:	330	Resp:	342341
Ion Ratio	Lower	Upper	
330	100		
332	102.8	77.0	115.6
141	38.3	29.9	44.9

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 7.427 ng

RT: 9.15 min Scan# 1200

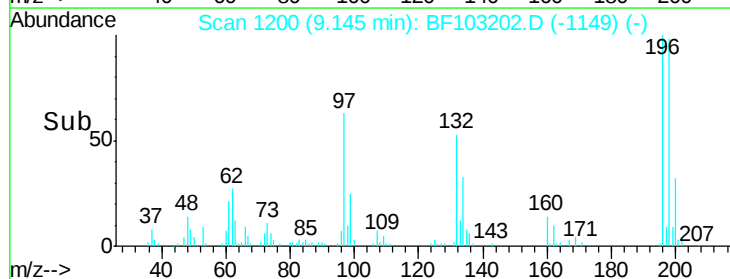
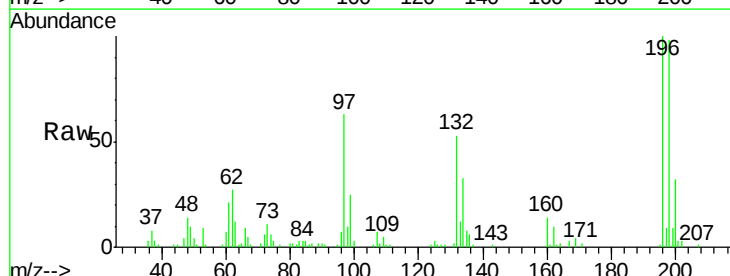
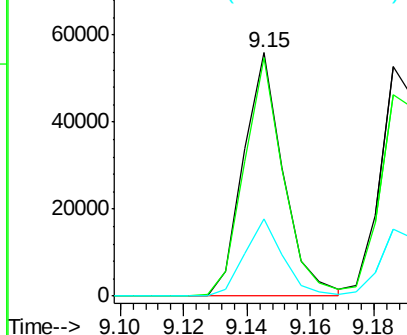
Delta R.T. -0.00 min

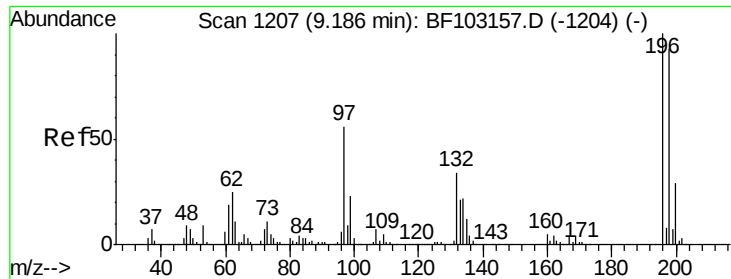
Lab File: BF103202.D

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Tgt Ion:	196	Resp:	48767
Ion Ratio	Lower	Upper	
196	100		
198	97.7	75.7	113.5
200	31.6	24.5	36.7

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





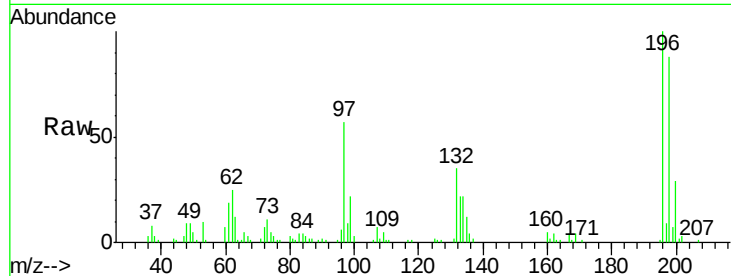
#43
 2,4,5-Trichlorophenol
 Concen: 7.302 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

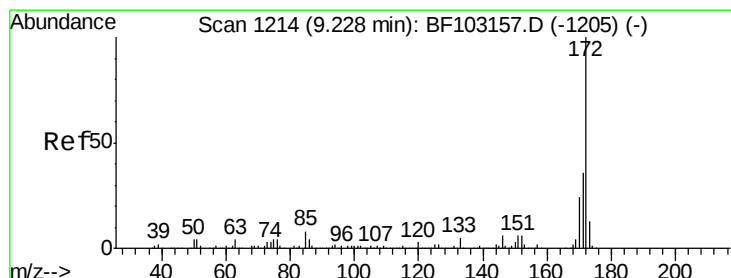
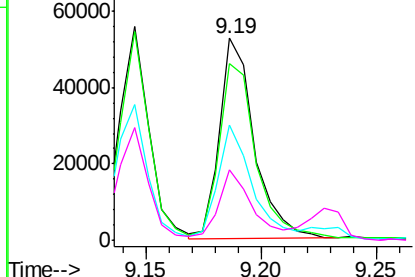
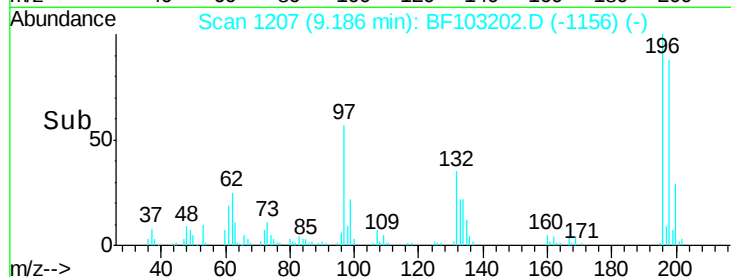
Tgt Ion:	196	Resp:	55145
Ion Ratio	Lower	Upper	
196	100		
198	87.5	74.6	112.0
97	57.3	42.9	64.3
132	34.7	26.3	39.5

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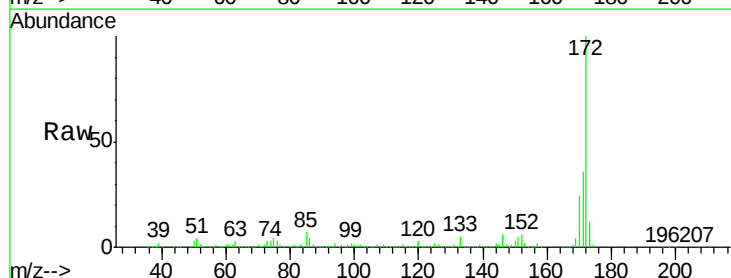


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

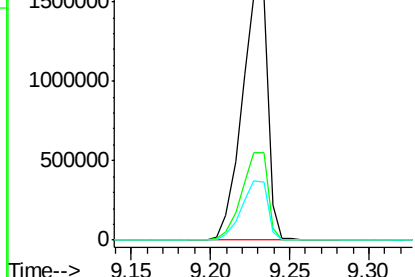
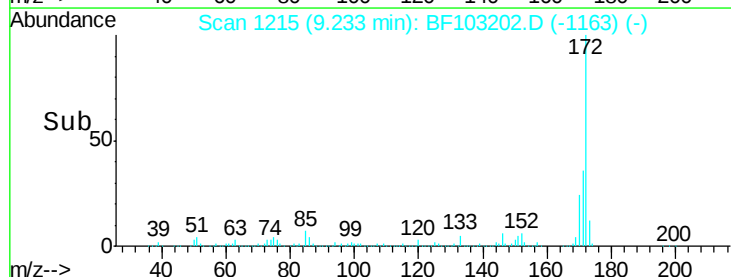


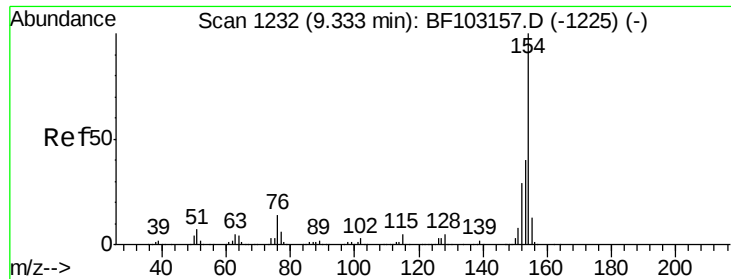
#44
 2-Fluorobiphenyl
 Concen: 86.016 ng
 RT: 9.23 min Scan# 1215
 Delta R.T. 0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion:	172	Resp:	1777611
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.7	44.5
170	23.8	19.6	29.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





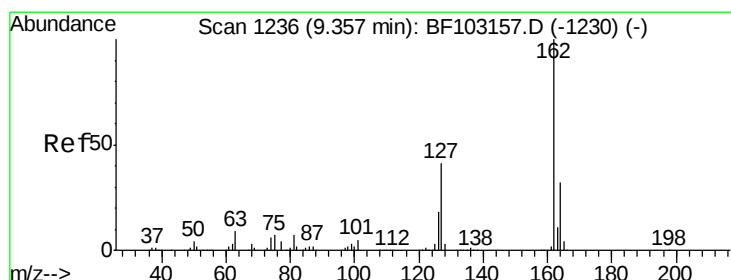
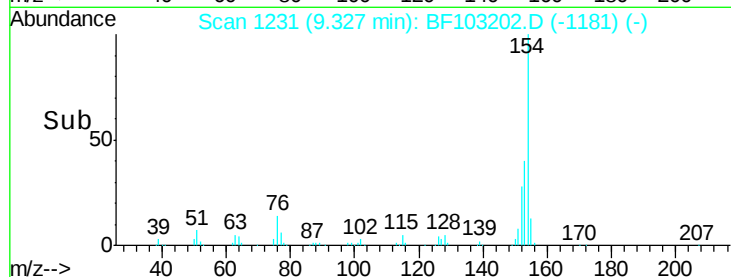
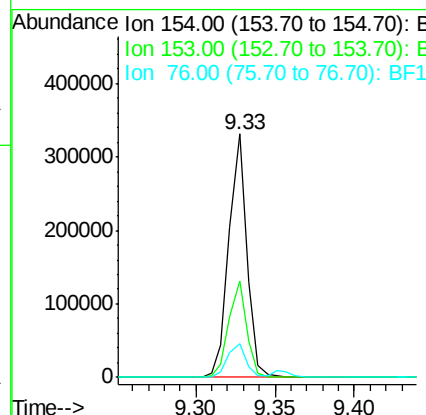
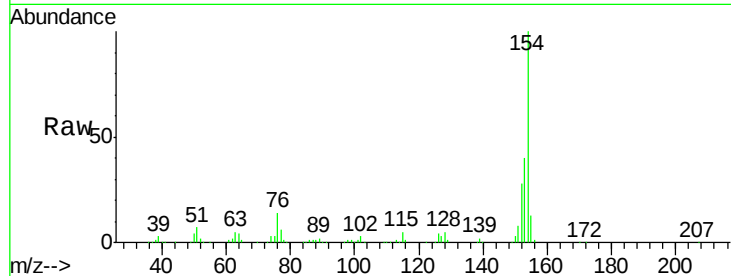
#45
 1,1'-Biphenyl
 Concen: 8.714 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	260655		
153	39.7	21.3	61.3	
76	13.9	0.0	34.0	

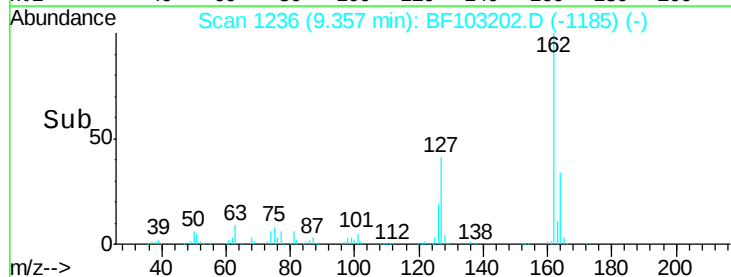
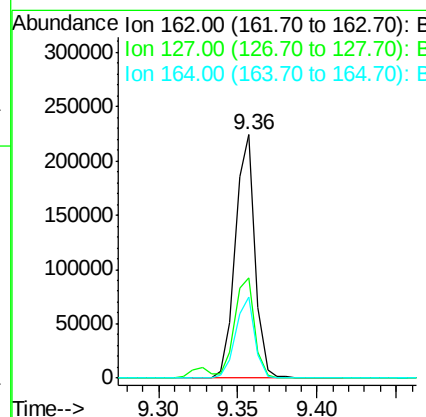
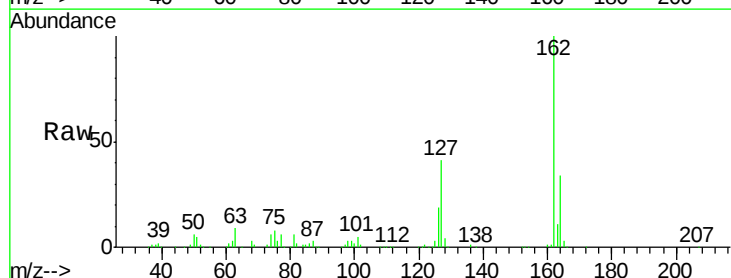
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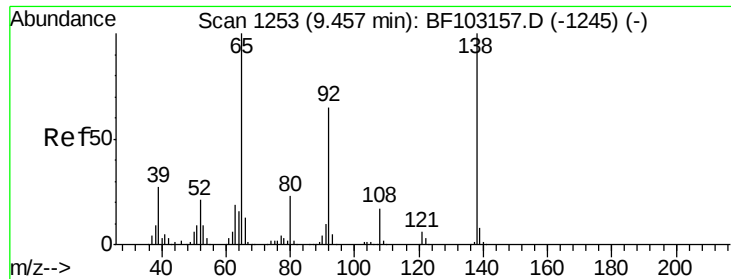
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#46
 2-Chloronaphthalene
 Concen: 8.139 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	192597		
127	41.0	33.9	50.9	
164	33.5	26.5	39.7	





#47

2-Nitroaniline

Concen: 7.778 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

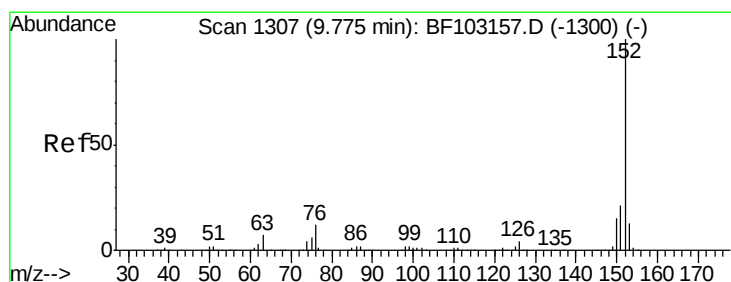
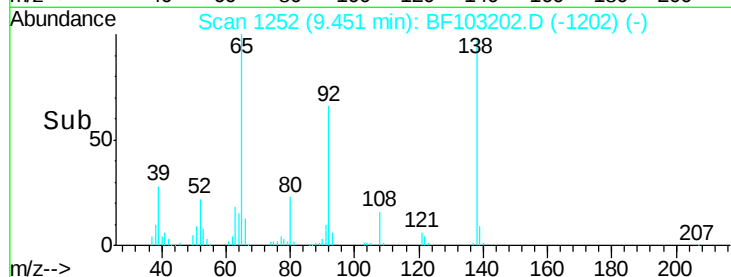
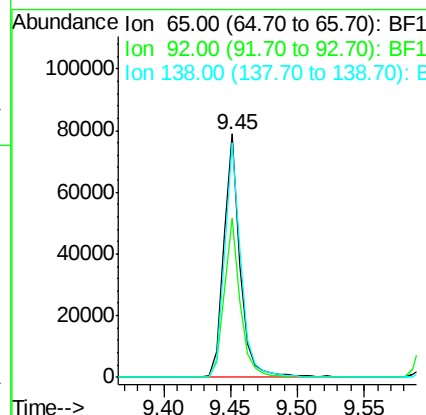
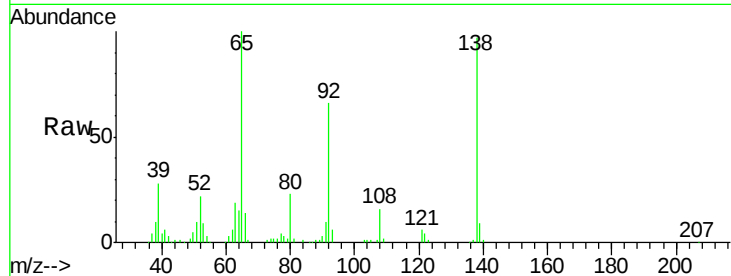
ClientSampleId :

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Tgt Ion:	65	Resp:	68180
Ion Ratio	Lower	Upper	
65	100		
92	65.6	55.8	83.6
138	96.6	91.2	136.8

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#48

Acenaphthylene

Concen: 8.578 ng

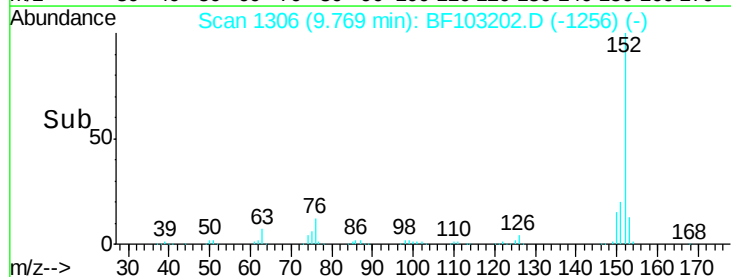
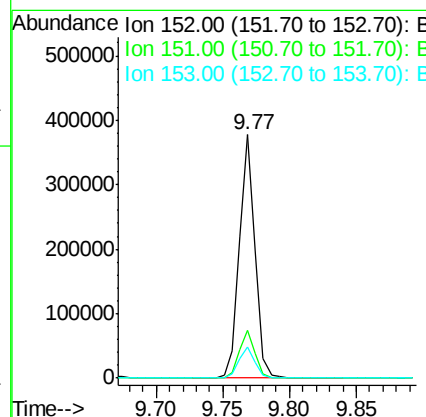
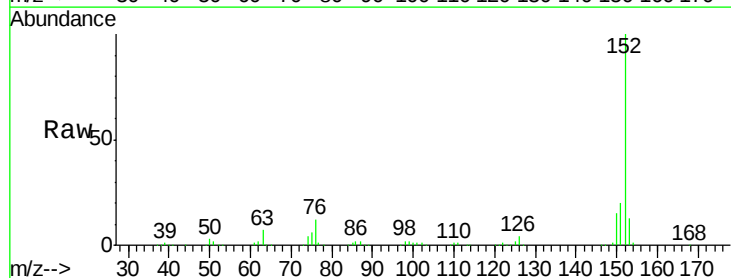
RT: 9.77 min Scan# 1306

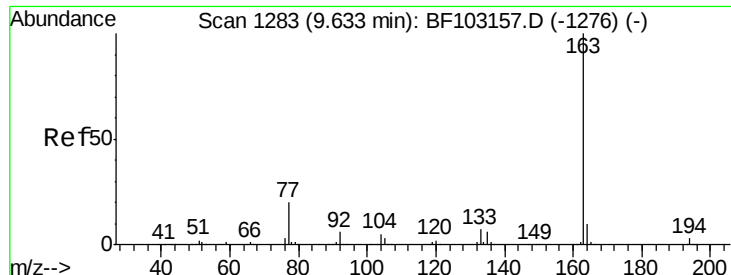
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	152	Resp:	312302
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.3	24.5
153	12.8	10.7	16.1





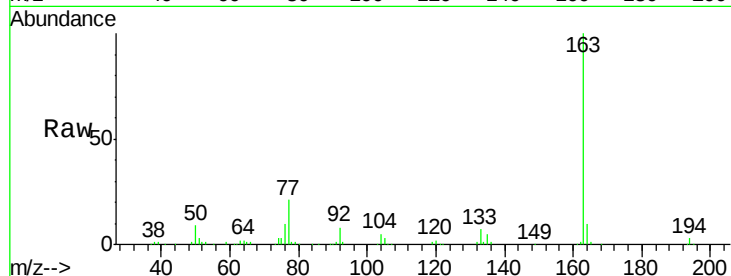
#49
Dimethylphthalate
Concen: 8.143 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

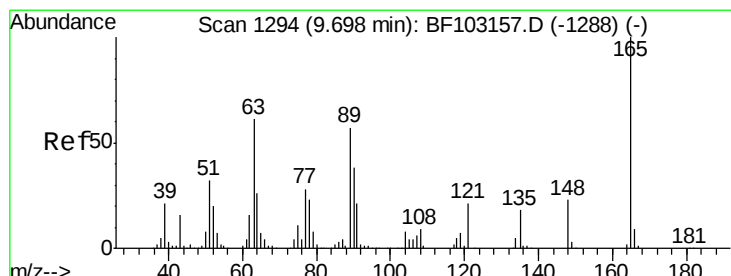
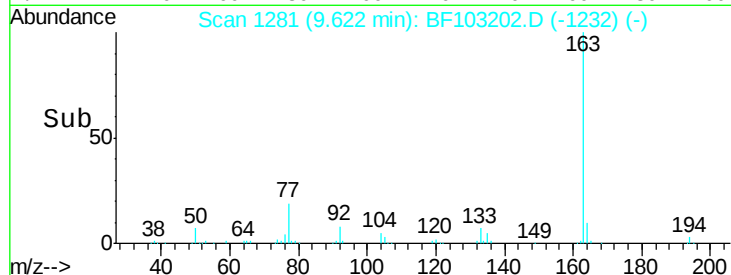
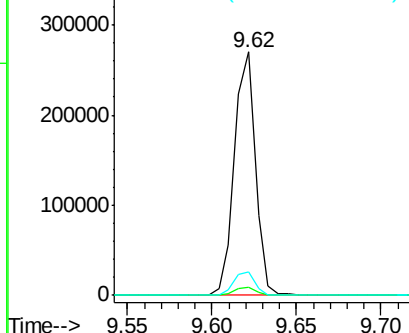
Tgt Ion	Ratio	Resp	Lower	Upper
163	100	233176		
194	3.2	2.7	4.1	
164	9.8	8.2	12.2	

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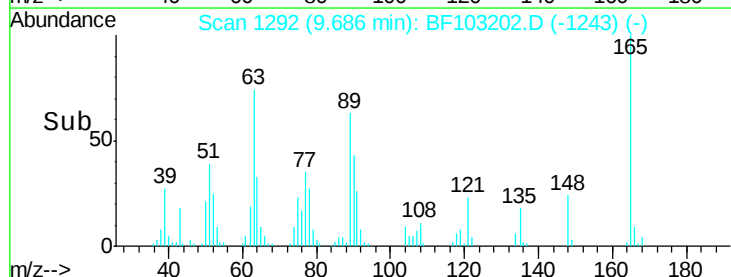
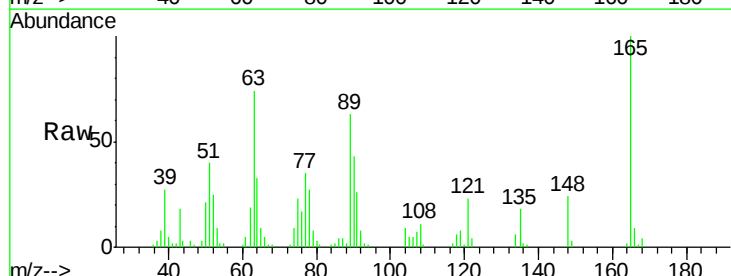
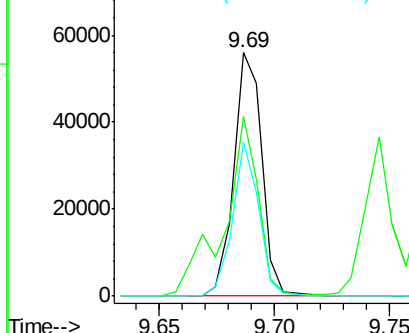
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

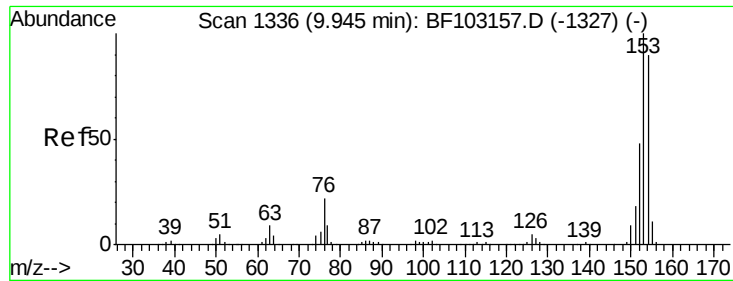


#50
2,6-Dinitrotoluene
Concen: 7.874 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	47316		
63	73.5	44.7	67.1#	
89	63.5	44.0	66.0	

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1





#51

Acenaphthene

Concen: 8.636 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

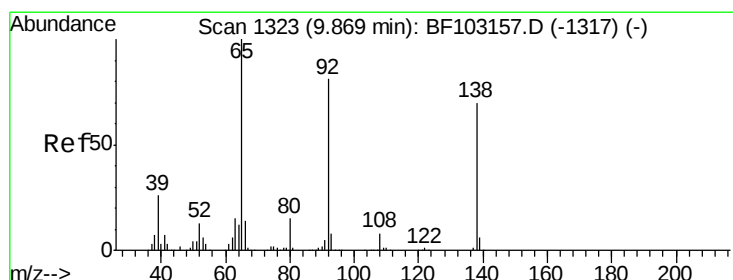
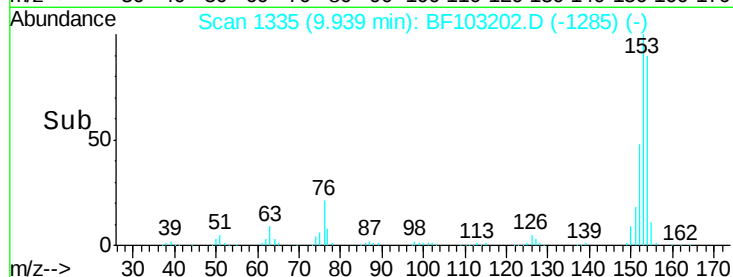
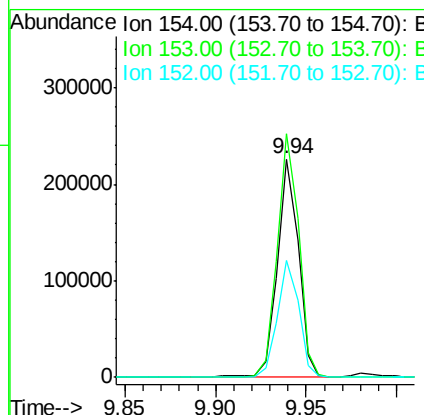
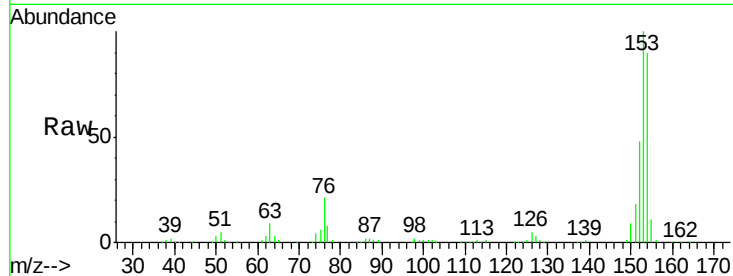
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	154	Resp:	183353
Ion Ratio	Lower	Upper	
154	100		
153	111.6	91.2	136.8
152	53.5	43.8	65.8

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#52

3-Nitroaniline

Concen: 7.386 ng

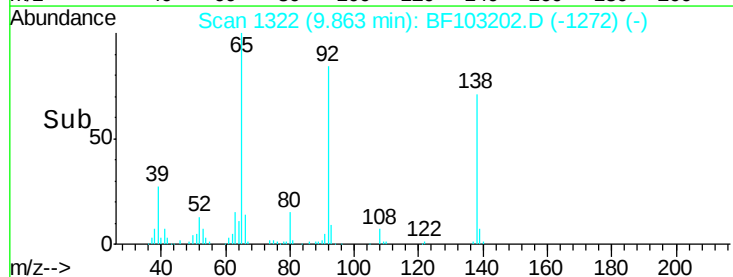
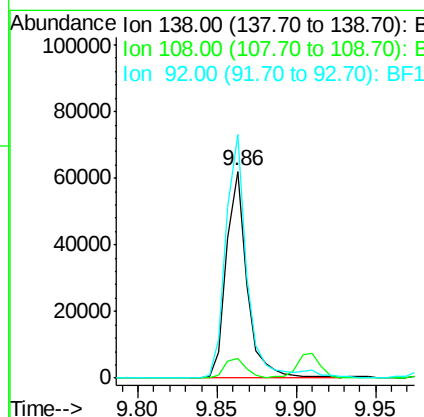
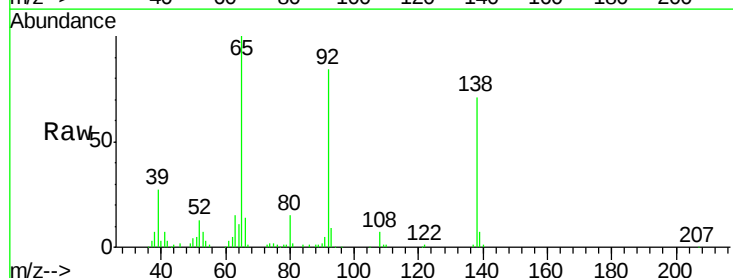
RT: 9.86 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	138	Resp:	56314
Ion Ratio	Lower	Upper	
138	100		
108	9.6	9.4	14.0
92	117.7	89.4	134.2





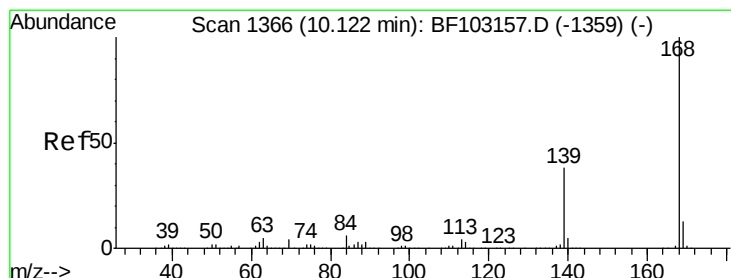
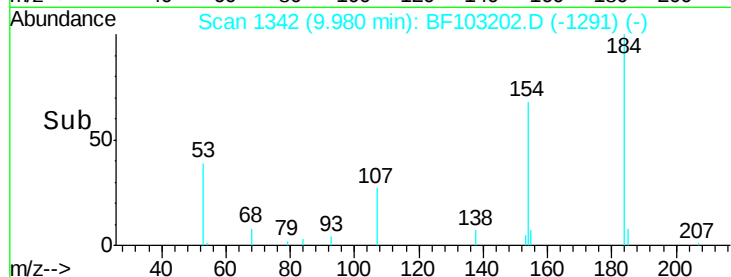
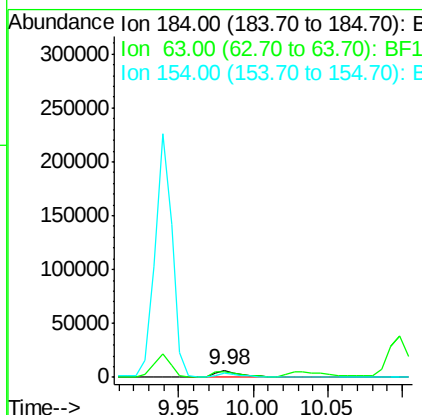
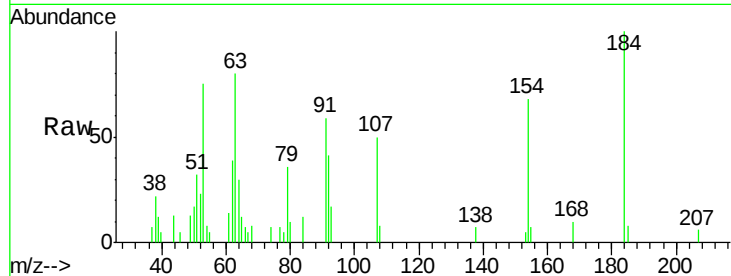
#53
2,4-Dinitrophenol
Concen: 13.217 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.2	54.2	81.2
154	68.0	184.0	276.0#

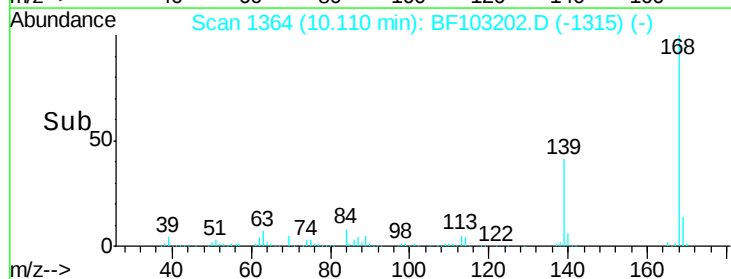
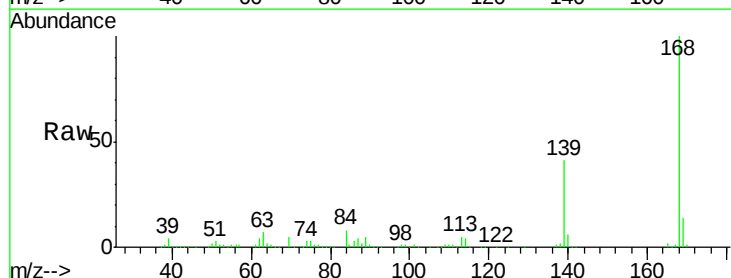
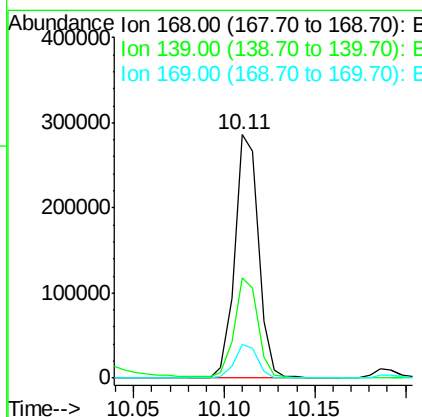
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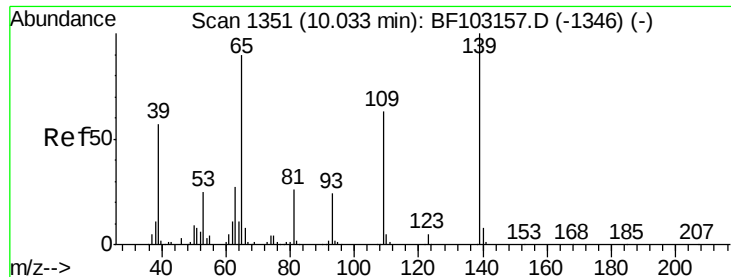
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#54
Dibenzofuran
Concen: 8.991 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
168	100		
139	41.1	30.1	45.1
169	13.8	10.9	16.3





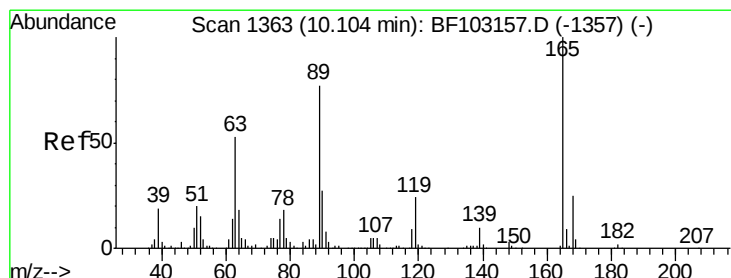
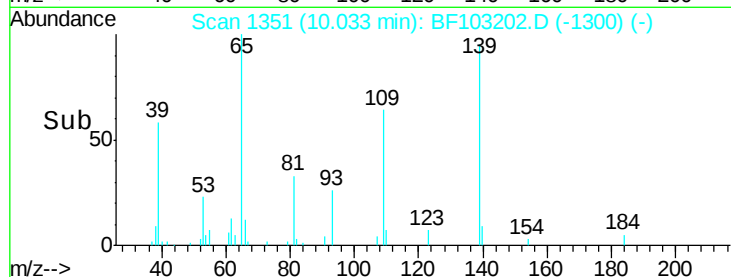
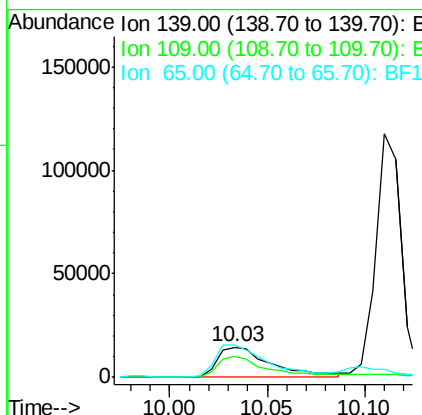
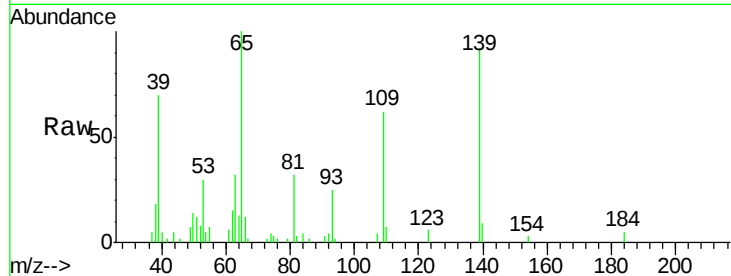
#55
4-Nitrophenol
Concen: 5.877 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	27770		
109	67.6	48.4	88.4	
65	108.6	72.6	112.6	

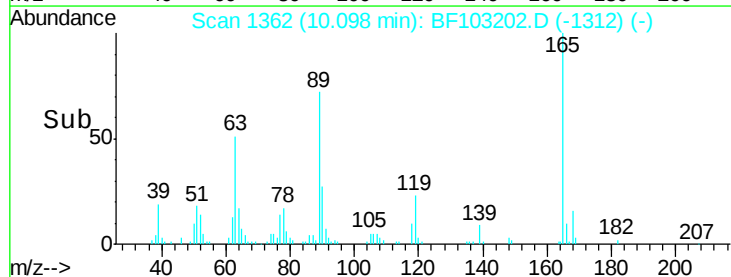
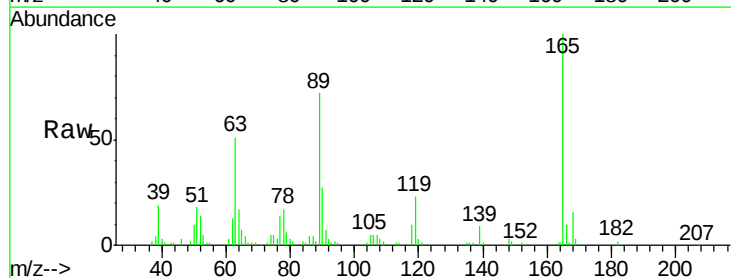
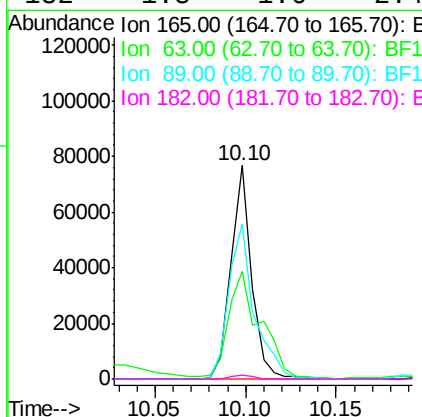
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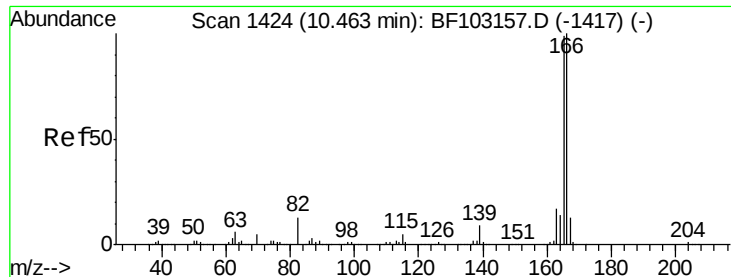
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#56
2,4-Dinitrotoluene
Concen: 8.092 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	61503		
63	50.5	36.4	54.6	
89	72.4	57.8	86.6	
182	1.8	1.6	2.4	





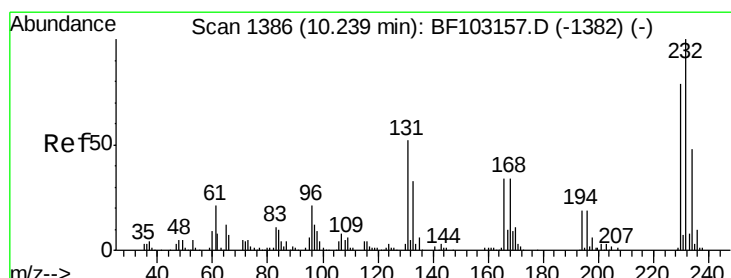
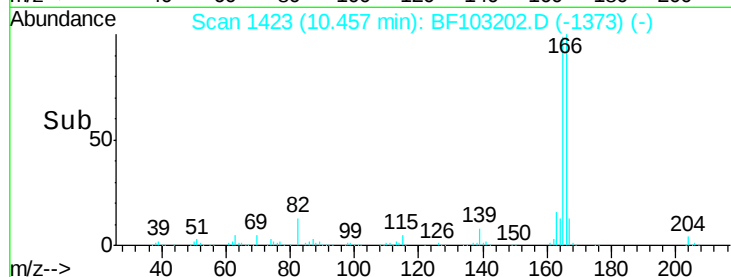
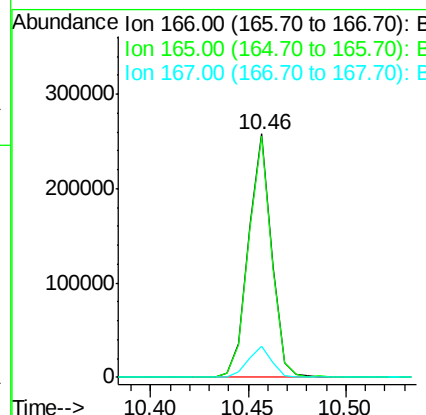
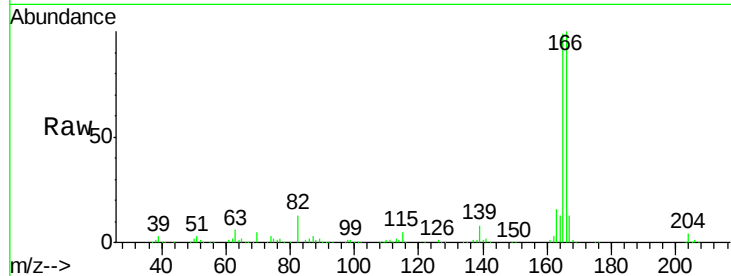
#57
 Fluorene
 Concen: 8.514 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	211385		
165	98.8	79.8	119.8	
167	12.9	10.6	16.0	

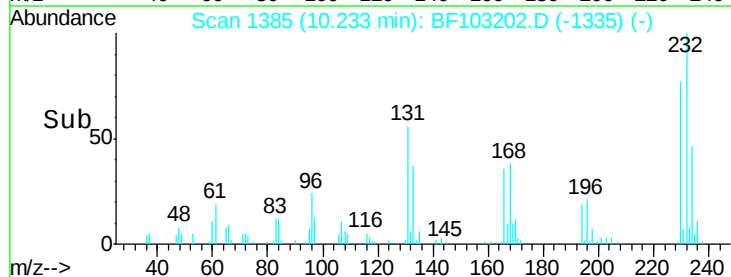
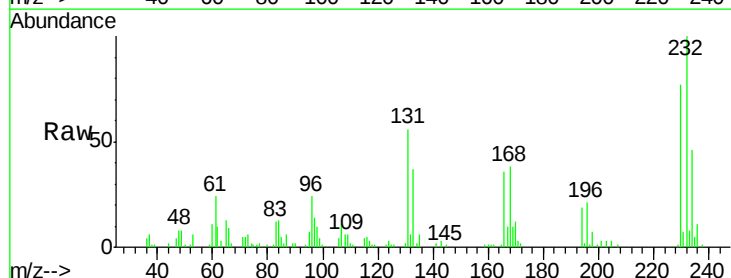
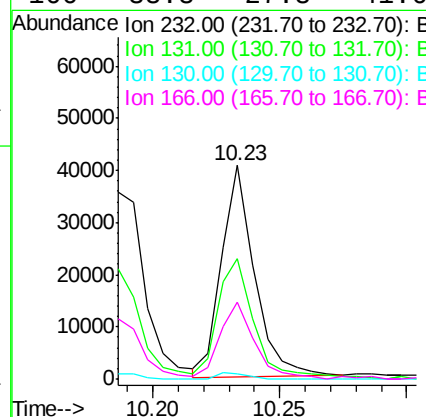
Manual Integrations
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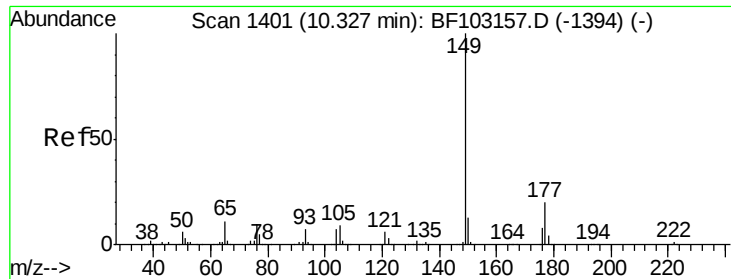
Sohil
 2/26/2018 9:54:47 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 7.204 ng
 RT: 10.23 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	36550		
131	63.7	43.8	65.8	
130	2.4	2.1	3.1	
166	38.8	27.8	41.6	





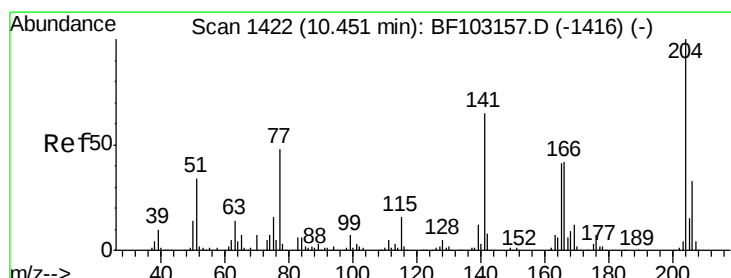
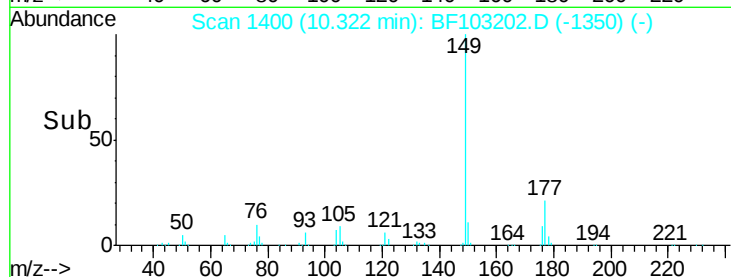
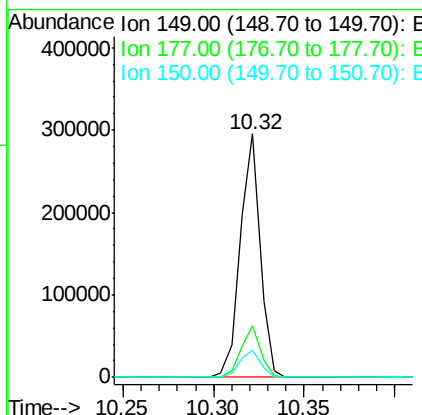
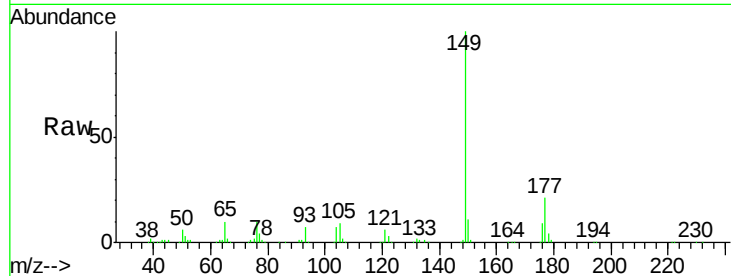
#59
Diethylphthalate
Concen: 8.260 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	226221		
177	21.0	16.1	24.1	
150	11.3	10.1	15.1	

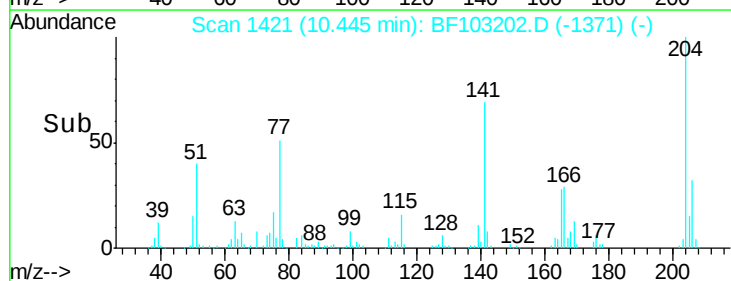
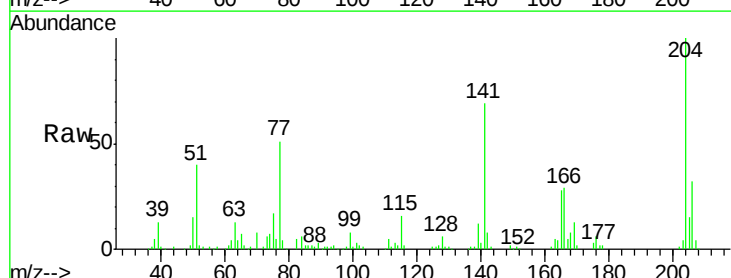
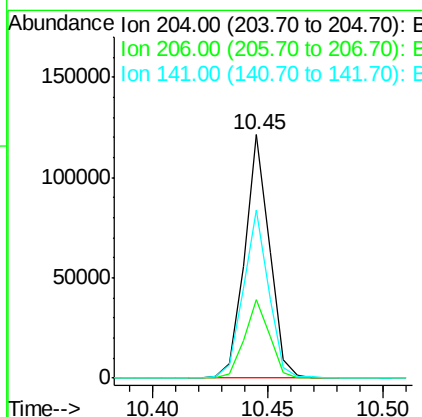
Manual Integrations
APPROVED

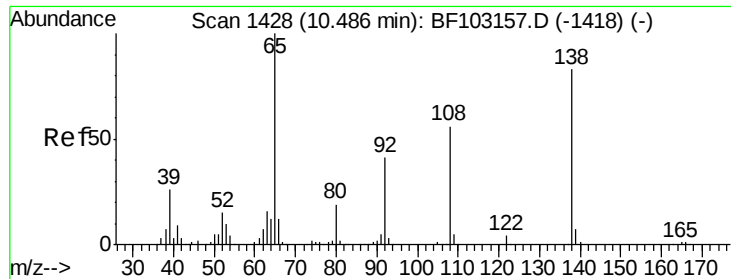
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 8.685 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	91440		
206	32.4	26.5	39.7	
141	68.9	54.6	81.8	





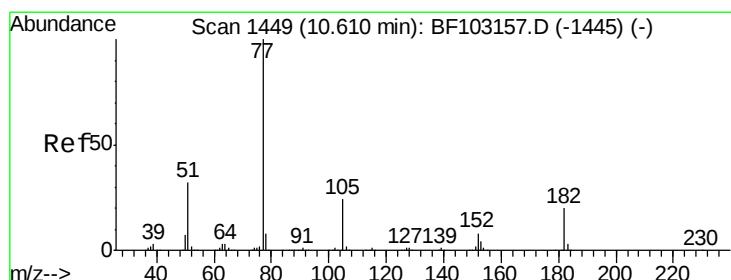
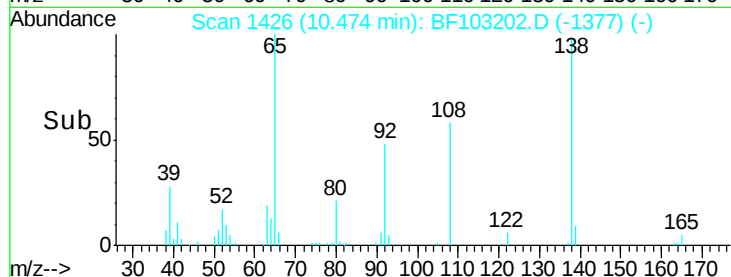
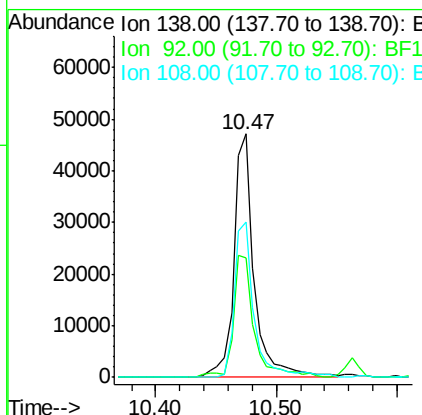
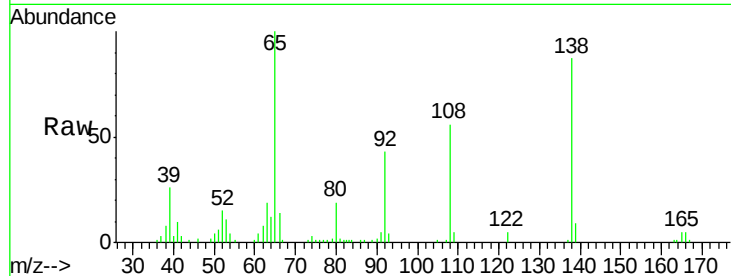
#61
4-Nitroaniline
Concen: 7.240 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.2	70.2
108	63.6	52.5	92.5

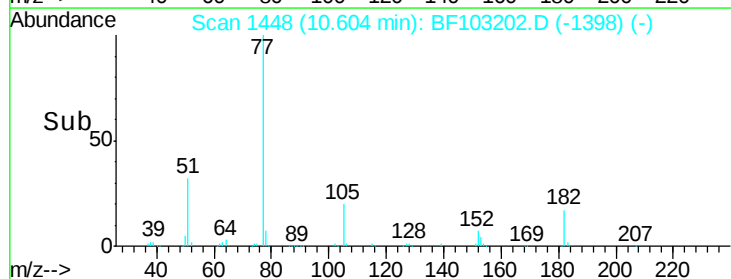
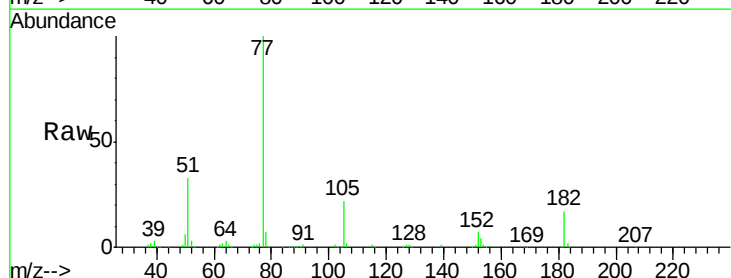
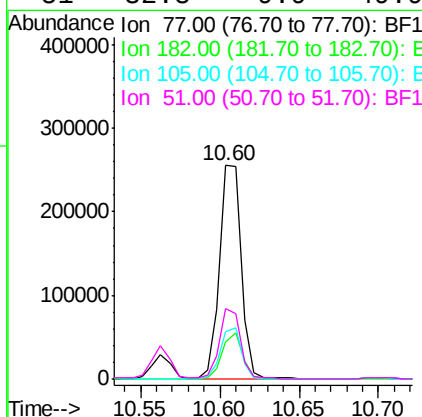
Manual Integrations
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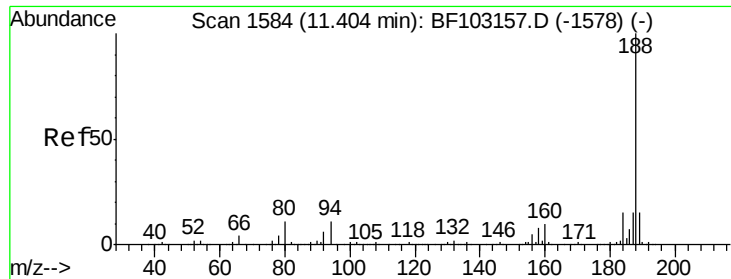
Sohil
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#62
Azobenzene
Concen: 8.683 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
77	100		
182	17.1	1.7	41.7
105	22.1	3.0	43.0
51	32.8	9.9	49.9





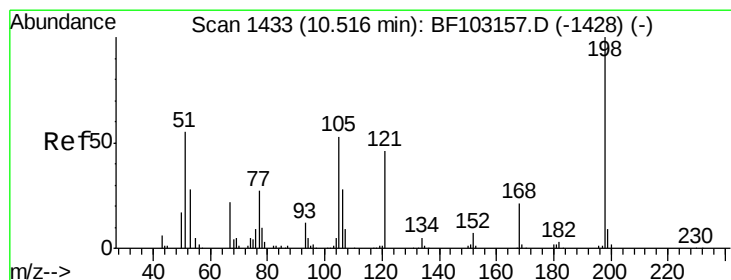
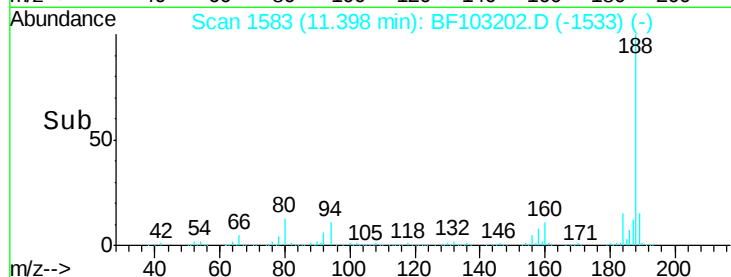
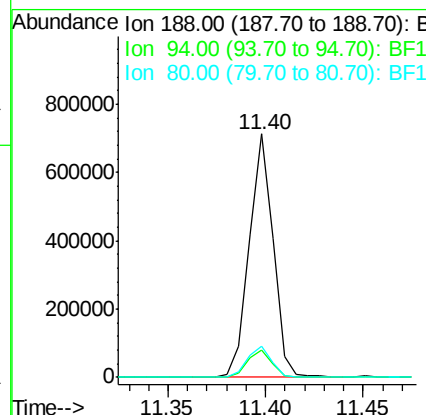
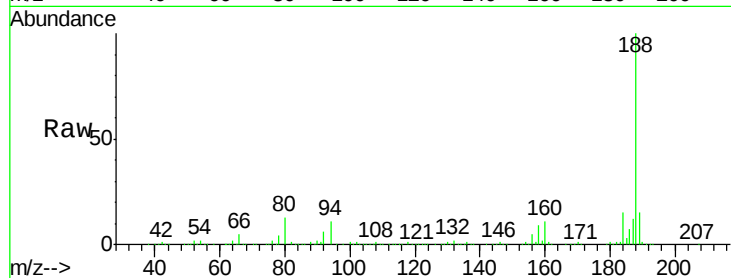
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	11.4	8.5	12.7
80	12.8	9.2	13.8

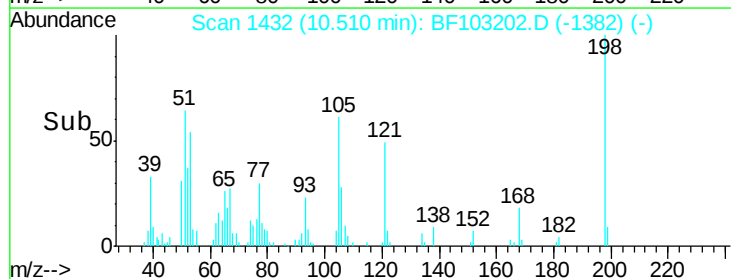
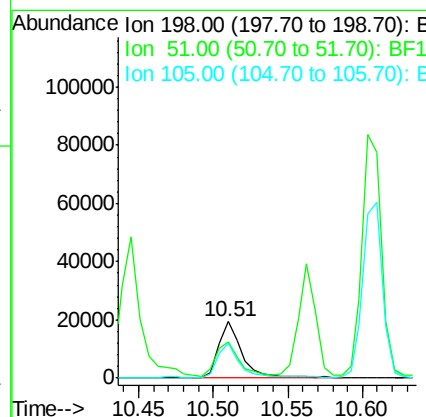
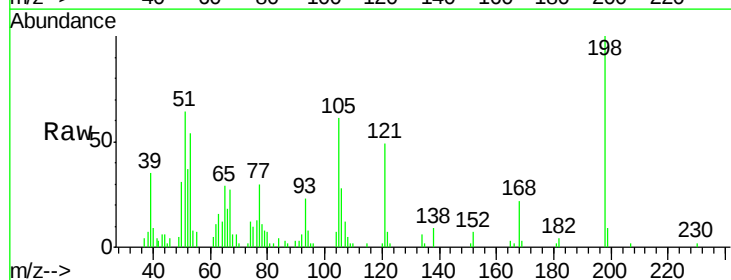
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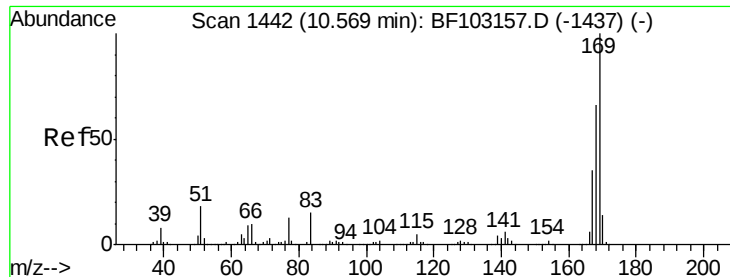
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.135 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
198	100		
51	63.9	37.7	77.7
105	61.4	36.3	76.3





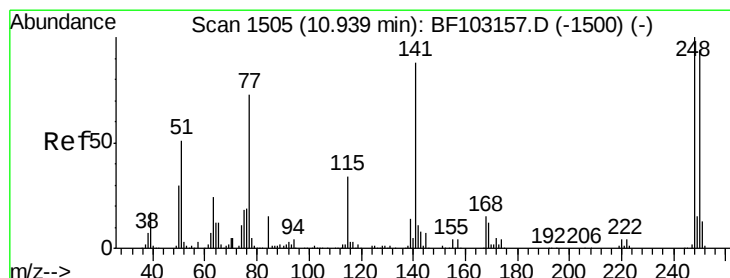
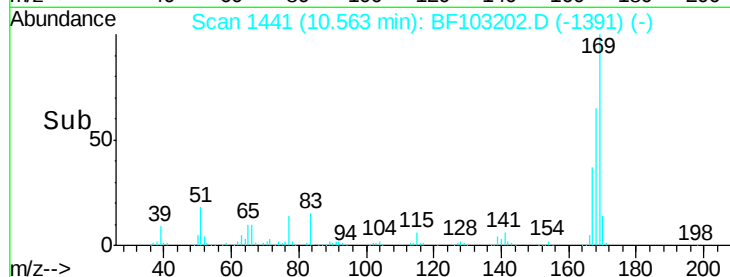
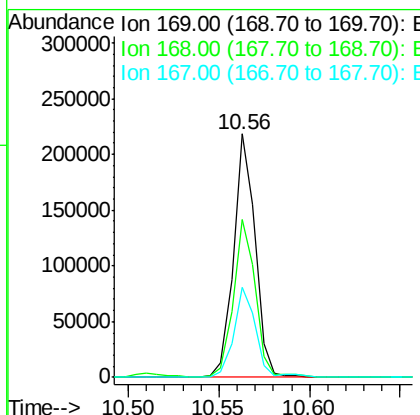
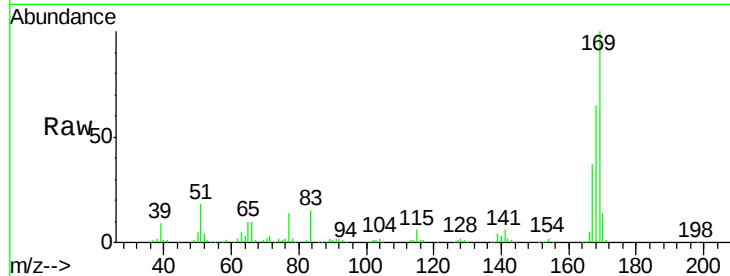
#65
 n-Nitrosodiphenylamine
 Concen: 8.575 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	181093		
168	64.9	54.4	81.6	
167	36.8	29.8	44.6	

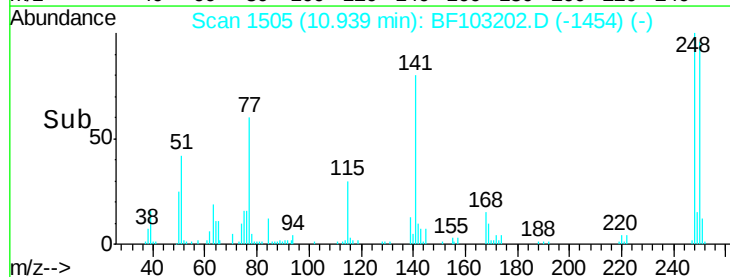
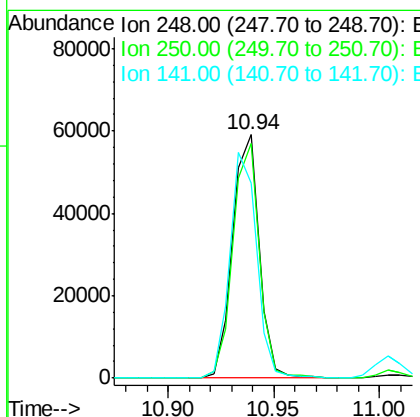
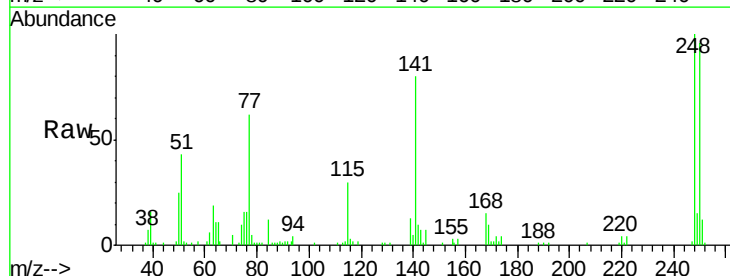
Manual Integrations
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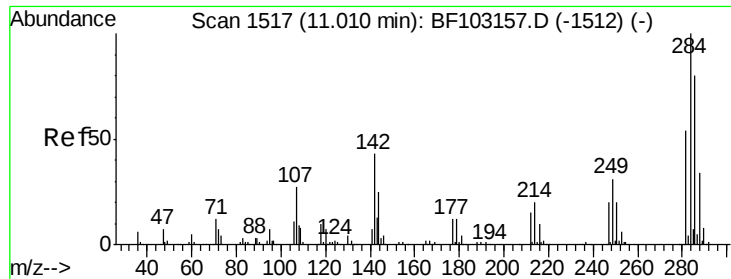
Sohil
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#66
 4-Bromophenyl-phenylether
 Concen: 8.120 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	51302		
250	96.3	76.9	115.3	
141	80.3	74.4	111.6	





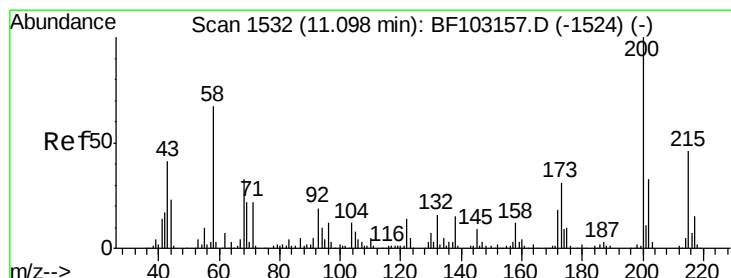
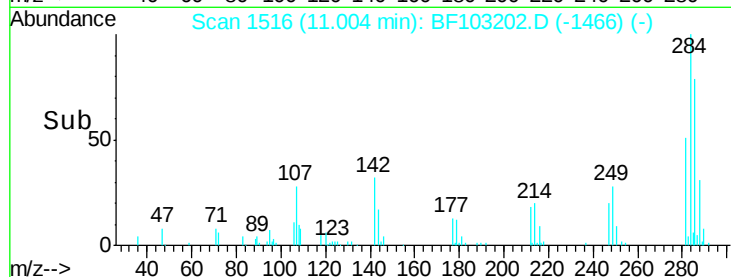
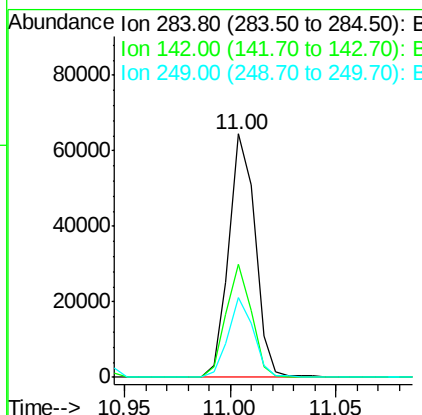
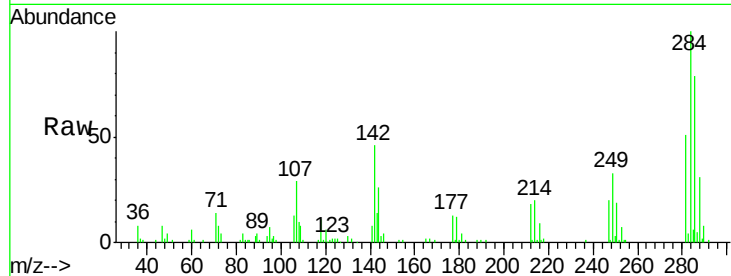
#67
Hexachlorobenzene
Concen: 8.102 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion: 284 Resp: 55560
Ion Ratio Lower Upper
284 100
142 46.2 34.6 52.0
249 32.5 24.8 37.2

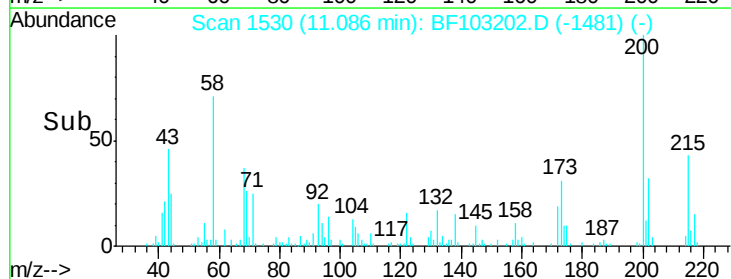
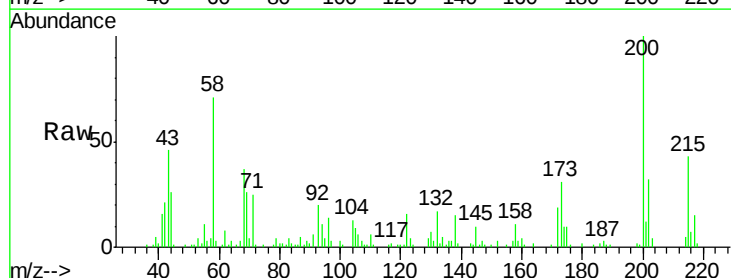
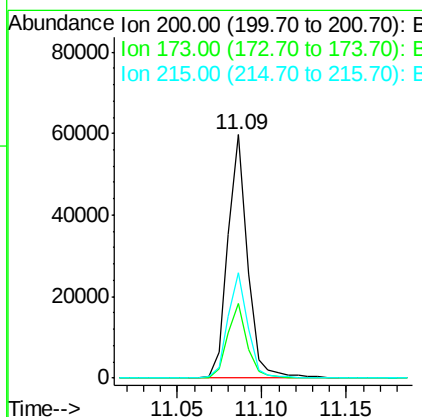
Manual Integrations
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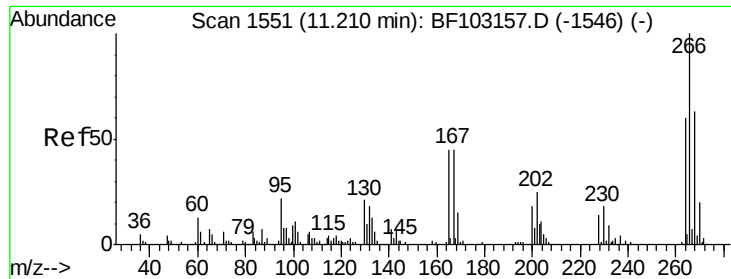
Sohil
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#68
Atrazine
Concen: 7.661 ng
RT: 11.09 min Scan# 1530
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion: 200 Resp: 48625
Ion Ratio Lower Upper
200 100
173 30.8 8.6 48.6
215 43.2 25.1 65.1





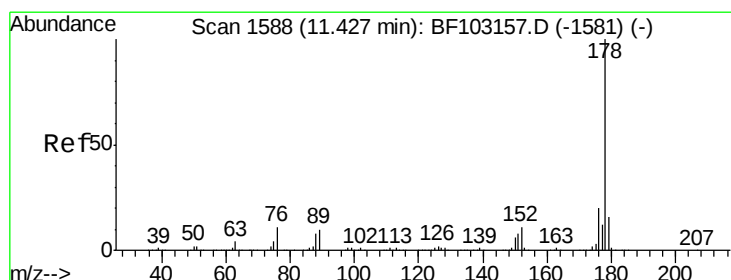
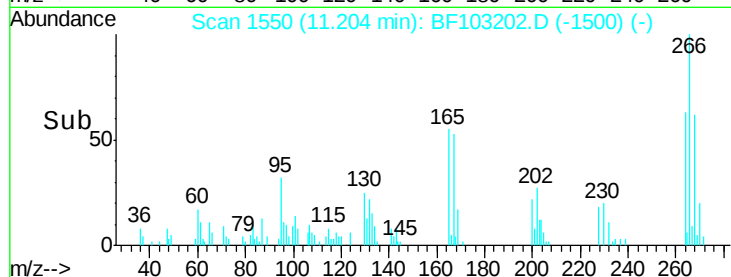
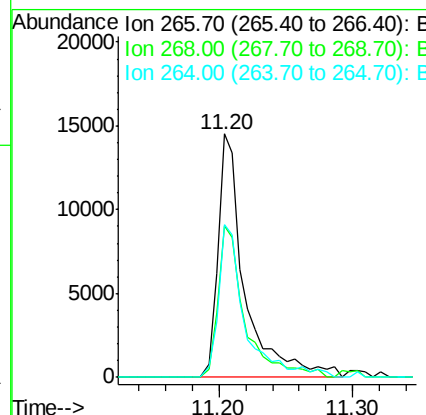
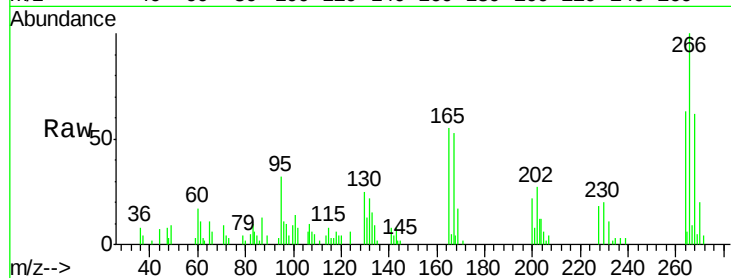
#69
 Pentachlorophenol
 Concen: 6.166 ng
 RT: 11.20 min Scan# 1550
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	68.6	49.5	74.3

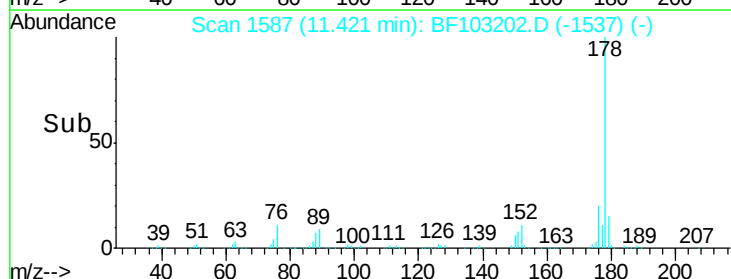
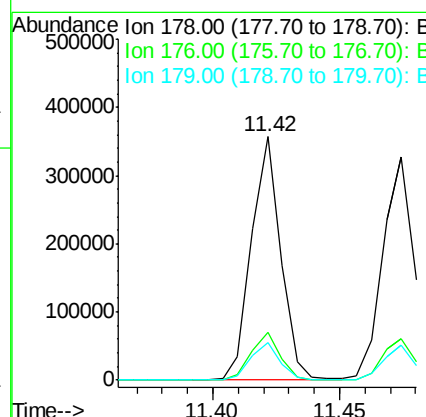
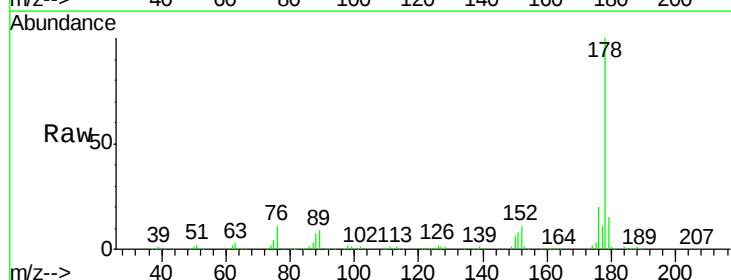
Manual Integrations
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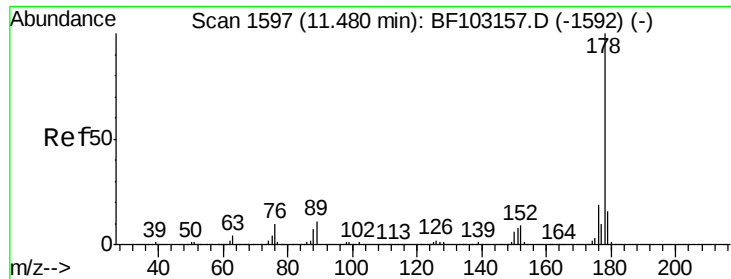
Sohil
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#70
 Phenanthrene
 Concen: 8.666 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.8	23.8
179	15.4	13.0	19.6





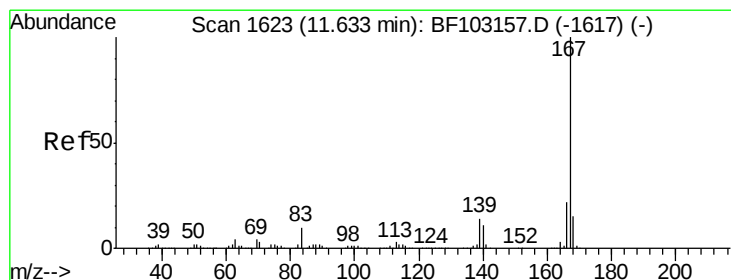
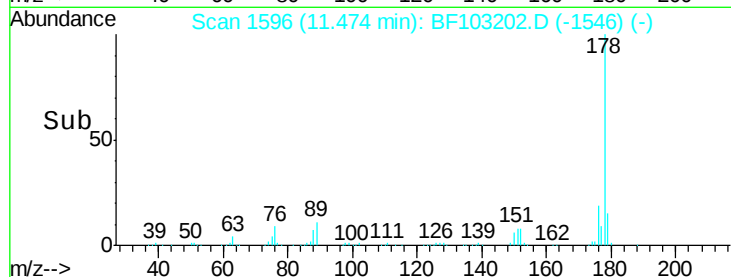
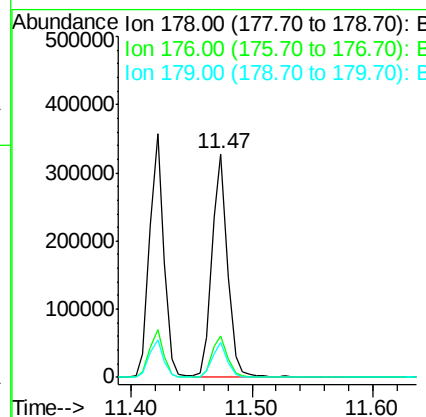
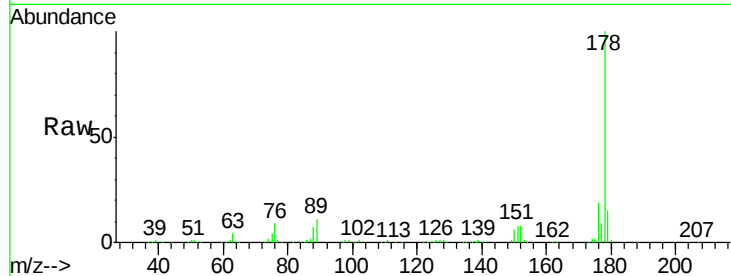
#71
 Anthracene
 Concen: 8.553 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.4	23.2
179	15.5	12.6	19.0

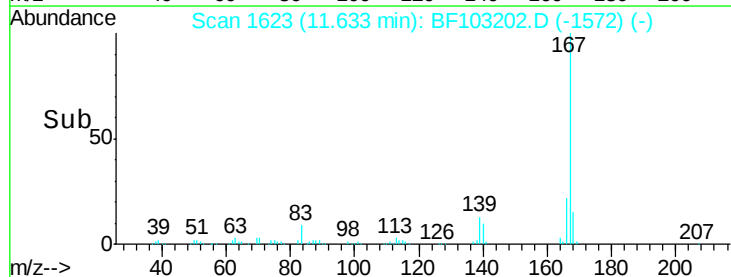
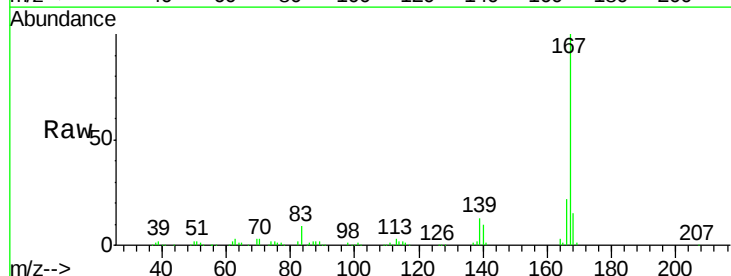
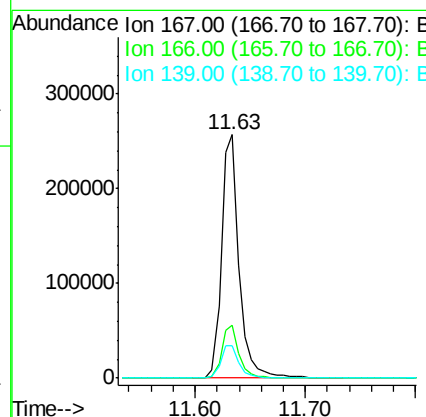
Manual Integrations
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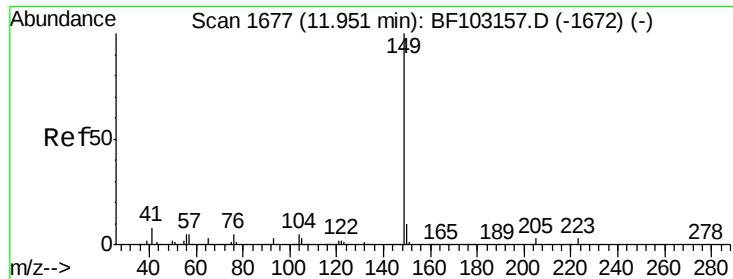
Sohil
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#72
 Carbazole
 Concen: 8.292 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.6	26.4
139	13.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 8.551 ng

RT: 11.95 min Scan# 1677

Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

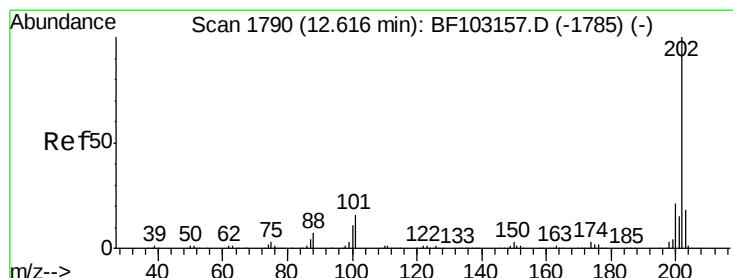
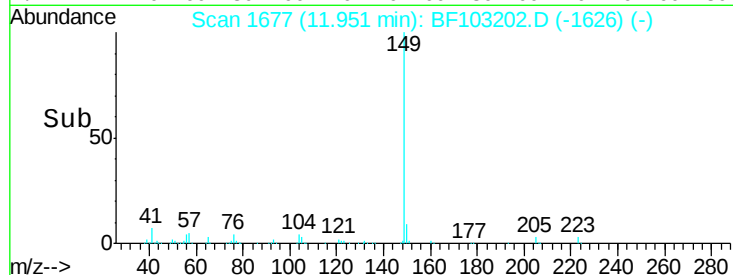
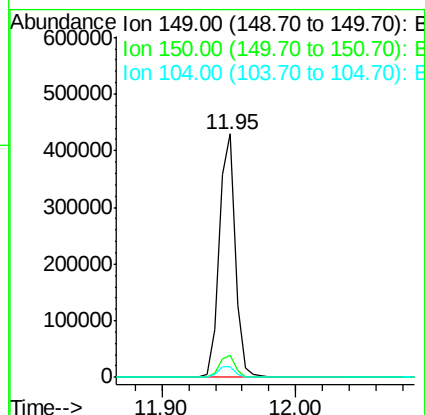
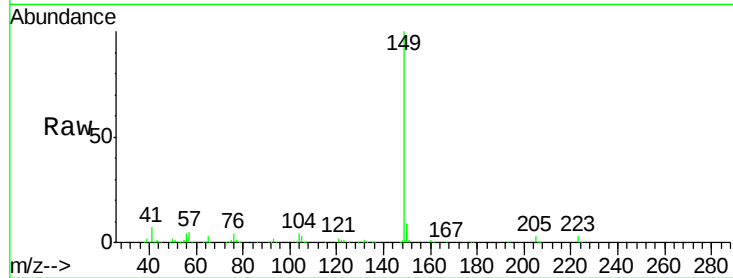
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	149	Resp:	364711
Ion Ratio	Lower	Upper	
149	100		
150	8.9	7.8	11.6
104	4.4	3.8	5.8

Manual Integrations
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#74

Fluoranthene

Concen: 8.386 ng

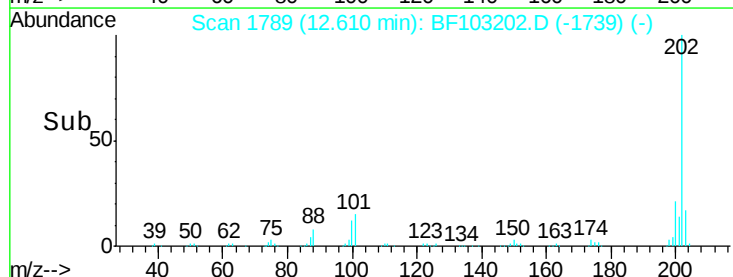
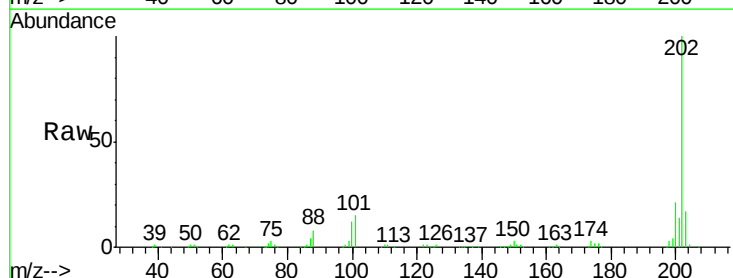
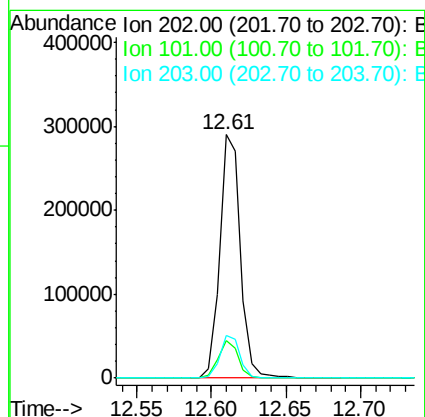
RT: 12.61 min Scan# 1789

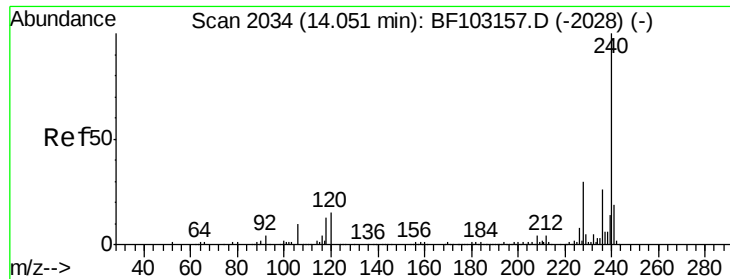
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	202	Resp:	281275
Ion Ratio	Lower	Upper	
202	100		
101	15.2	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

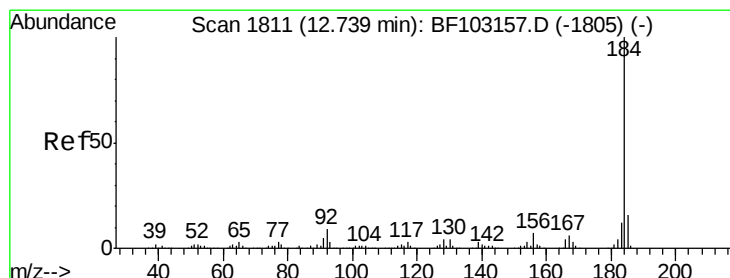
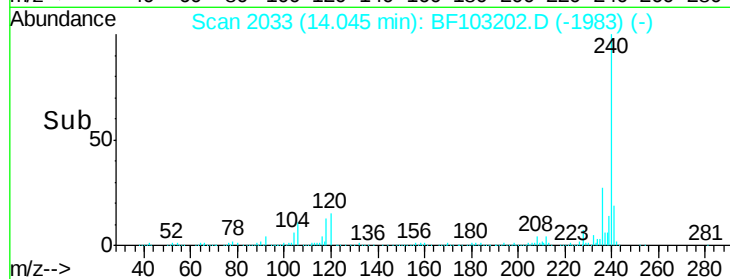
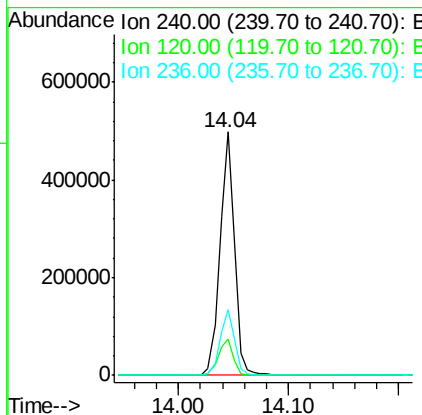
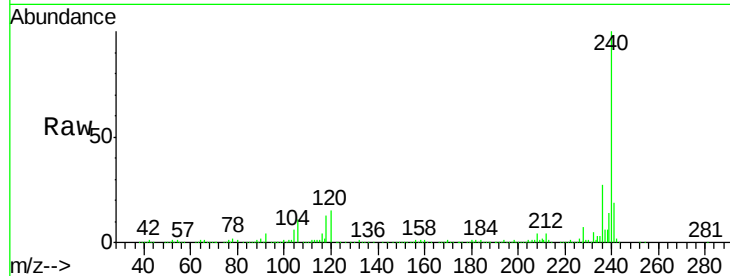
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.7	9.5	14.3#
236	26.9	20.7	31.1

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#76

Benzidine

Concen: 4.254 ng

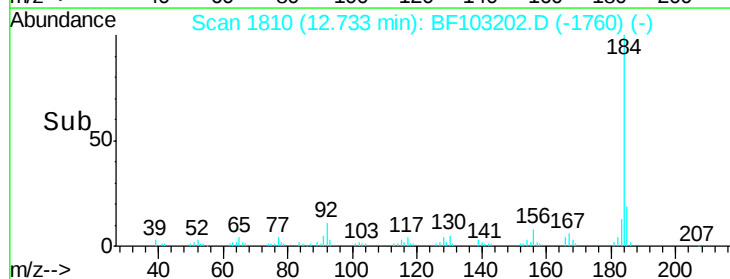
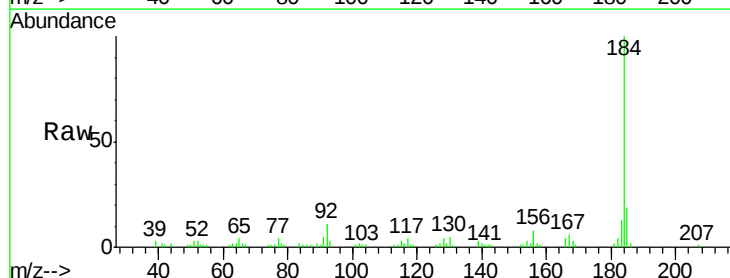
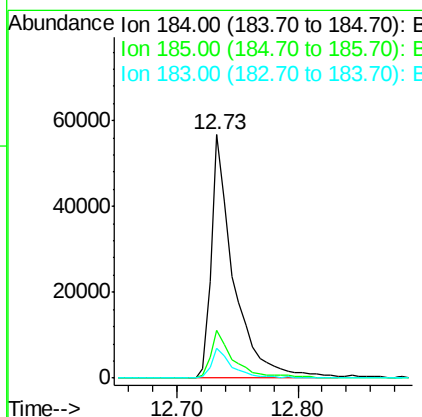
RT: 12.73 min Scan# 1810

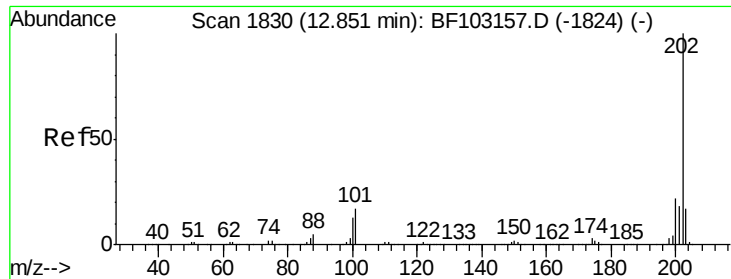
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
184	100		
185	19.5	12.6	18.8#
183	12.5	9.3	13.9





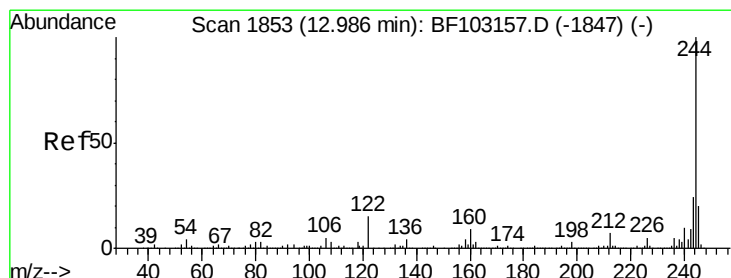
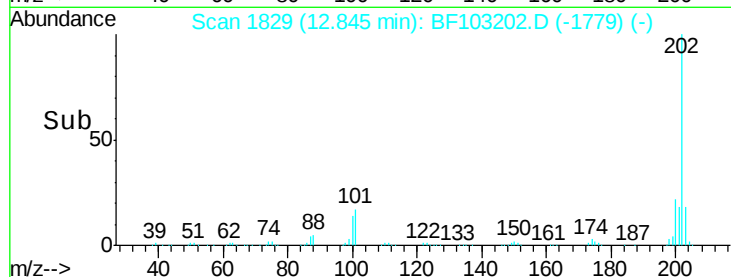
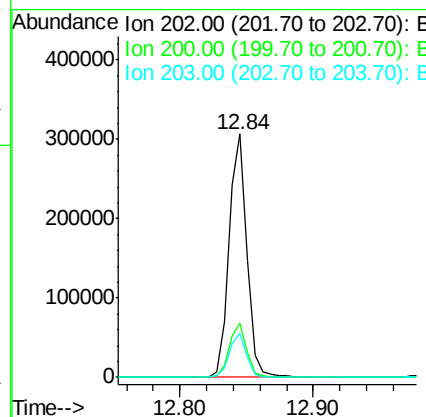
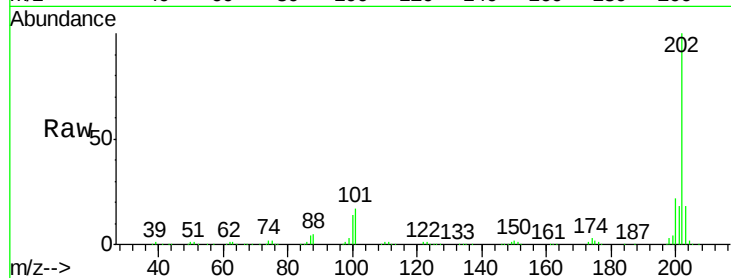
#77
 Pyrene
 Concen: 8.167 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	289217		
200	22.4	17.4	26.2	
203	18.1	14.3	21.5	

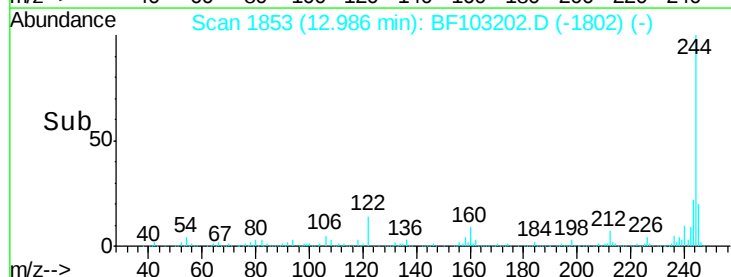
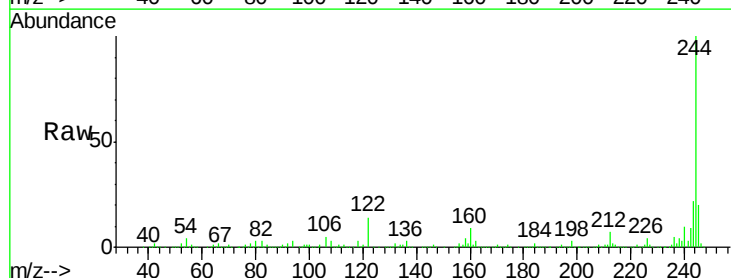
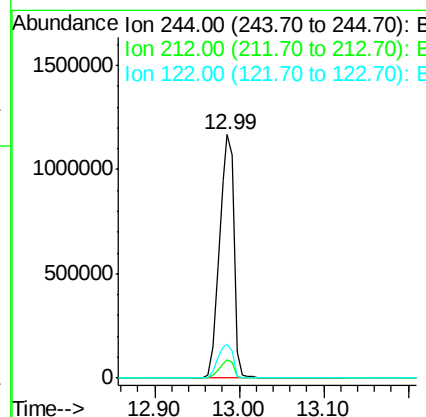
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#78
 Terphenyl-d14
 Concen: 76.010 ng
 RT: 12.99 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	1436187		
212	7.4	5.4	8.0	
122	13.9	11.0	16.4	





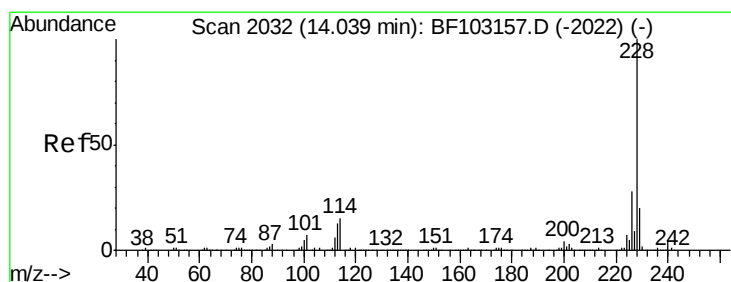
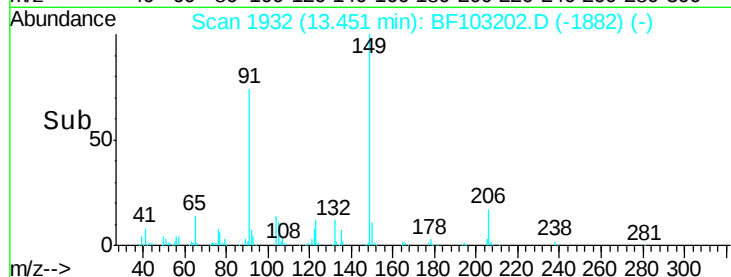
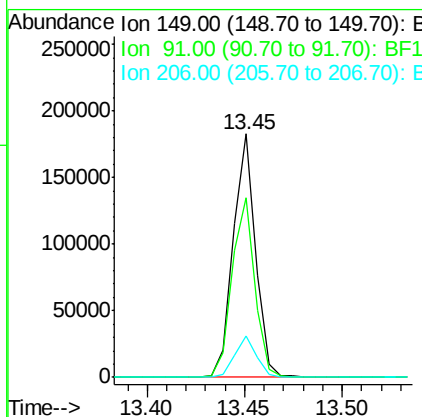
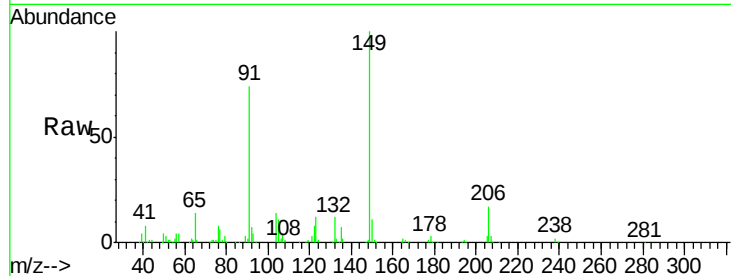
#79
Butylbenzylphthalate
Concen: 7.742 ng
RT: 13.45 min Scan# 1932
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	73.7	56.8	85.2
206	16.8	14.1	21.1

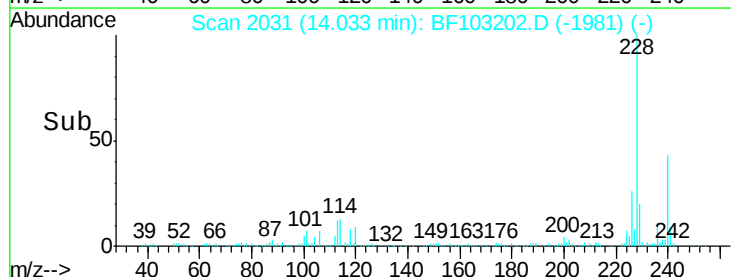
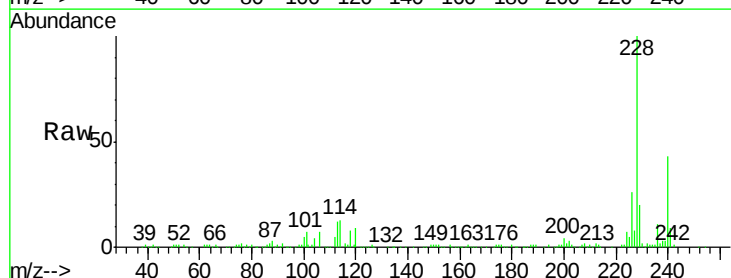
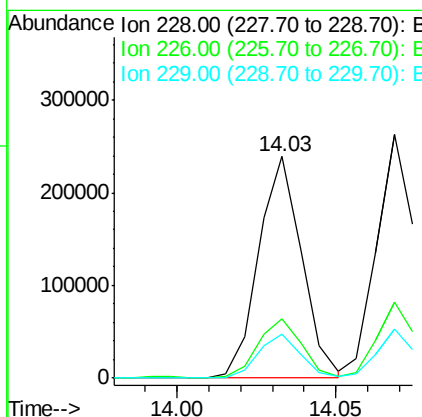
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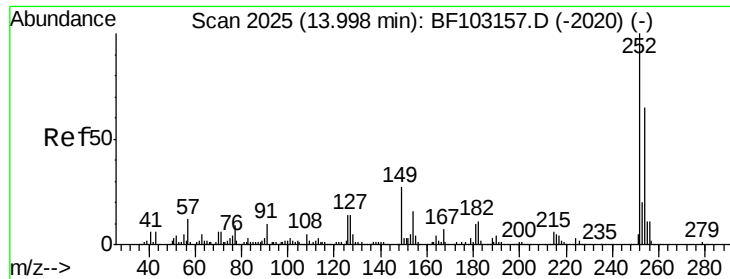
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#80
Benzo(a)anthracene
Concen: 7.673 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	26.5	22.6	33.8
229	19.6	15.8	23.6





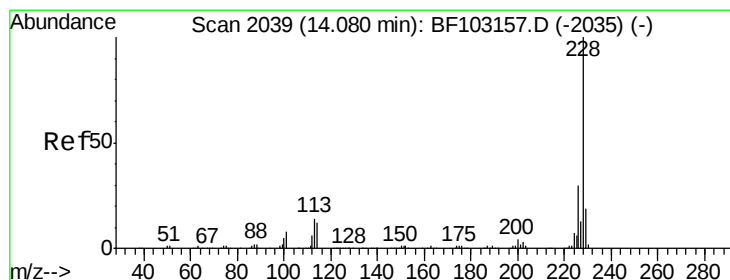
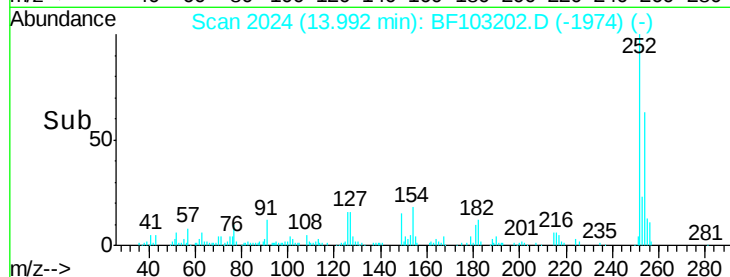
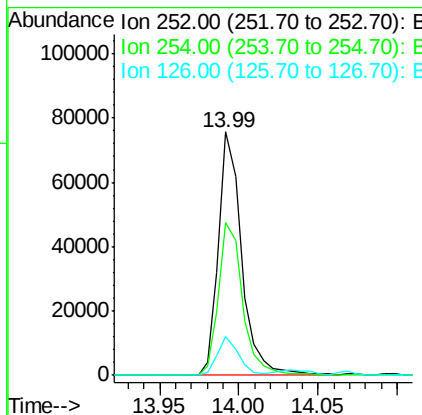
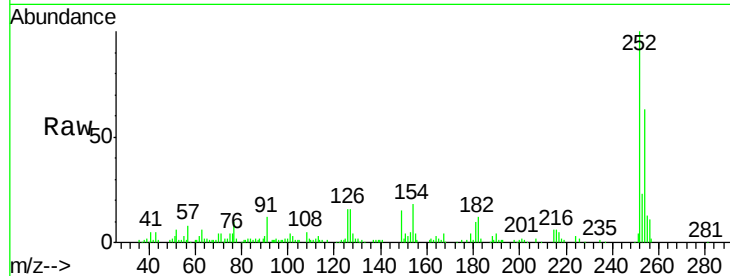
#81
 3,3'-Dichlorobenzidine
 Concen: 7.354 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Lower	Upper
252	100		
254	62.5	50.4	75.6
126	16.0	11.3	16.9

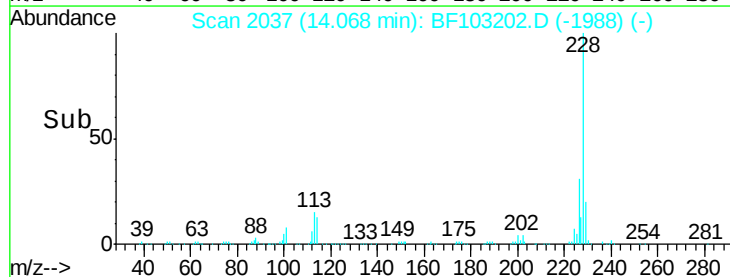
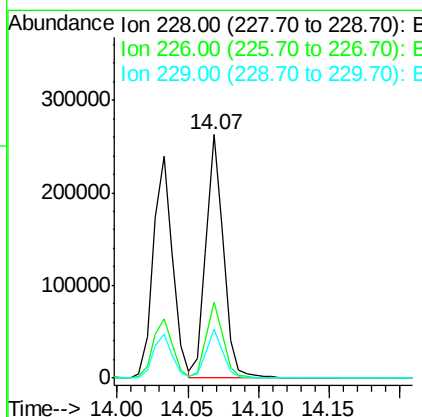
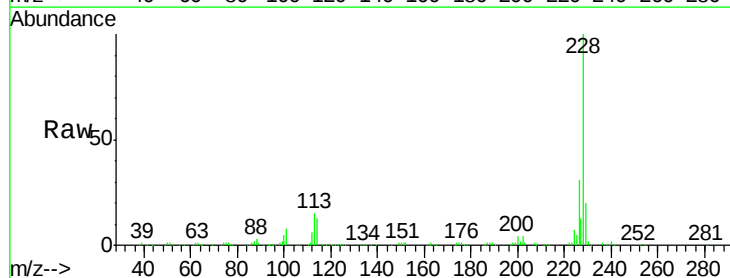
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#82
 Chrysene
 Concen: 7.965 ng
 RT: 14.07 min Scan# 2037
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	20.1	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 8.090 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

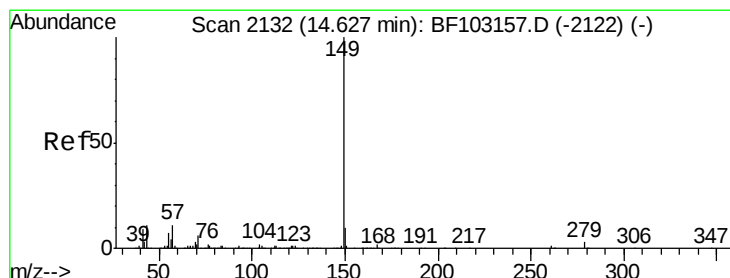
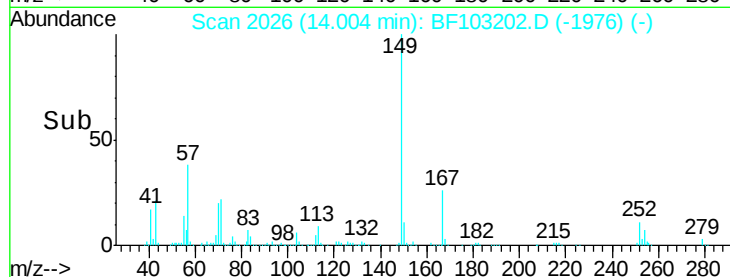
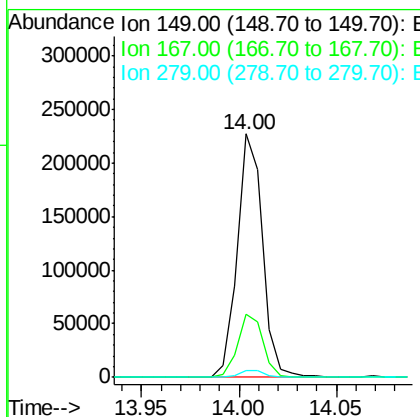
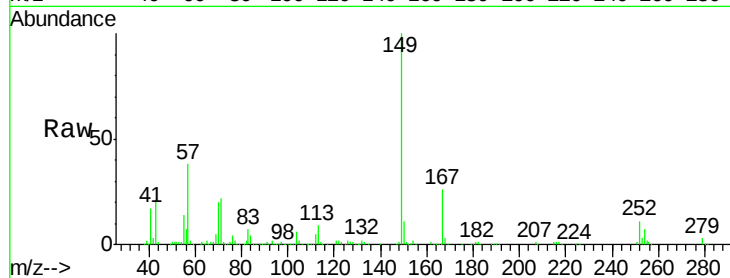
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	149	Resp:	204245
Ion Ratio	Lower	Upper	
149	100		
167	26.1	21.3	31.9
279	2.7	3.0	4.4#

Manual Integrations
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#84

Di-n-octyl phthalate

Concen: 7.640 ng

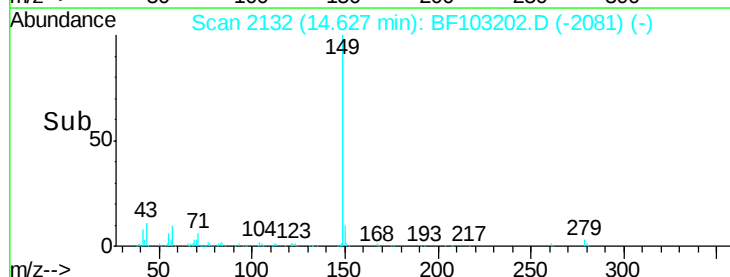
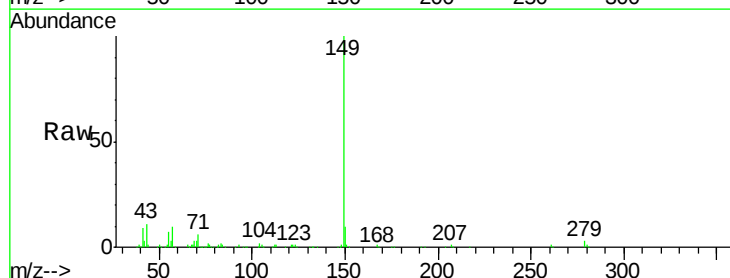
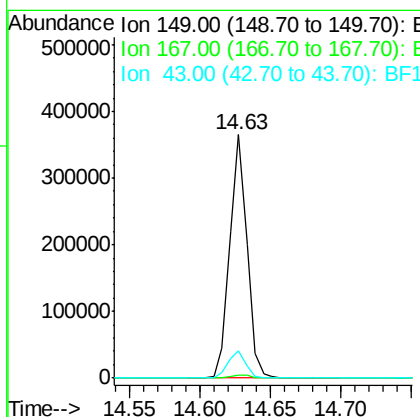
RT: 14.63 min Scan# 2132

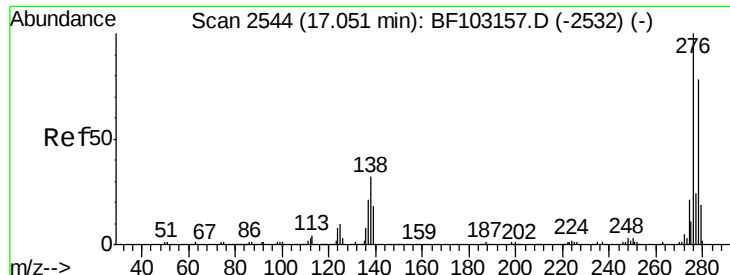
Delta R.T. -0.00 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	149	Resp:	311677
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	11.1	8.4	12.6





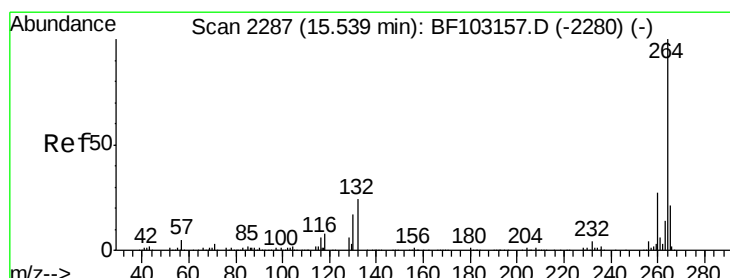
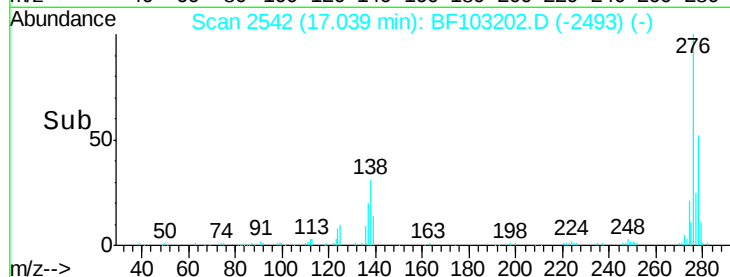
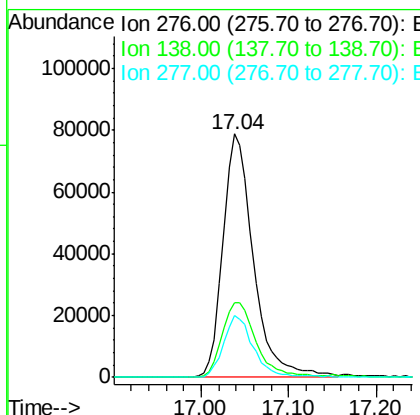
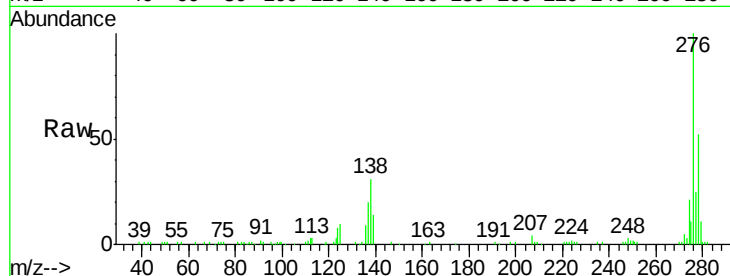
#85
Indeno(1,2,3-cd)pyrene
Concen: 8.339 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	188905		
138	34.4	25.0	37.6	
277	24.8	20.1	30.1	

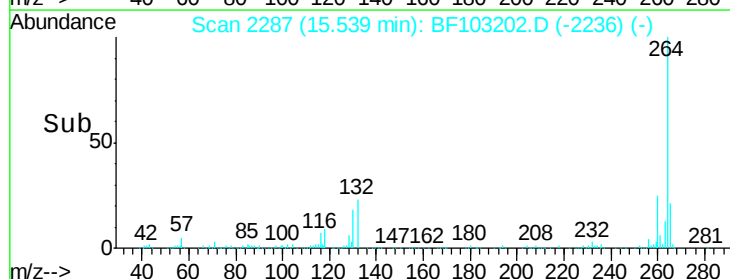
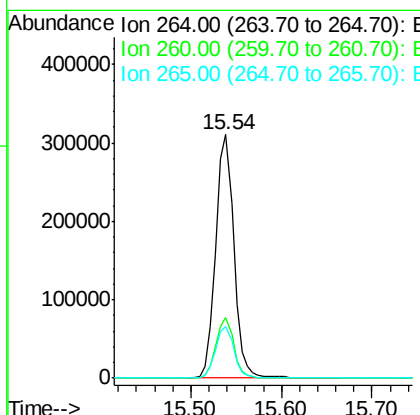
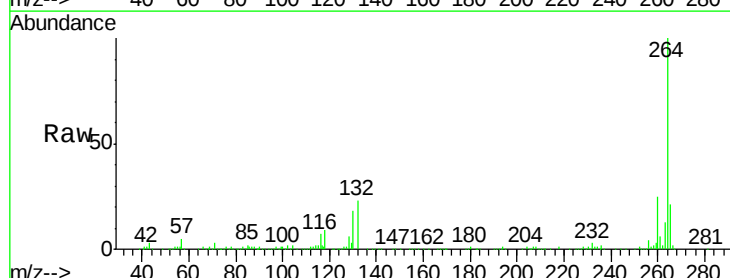
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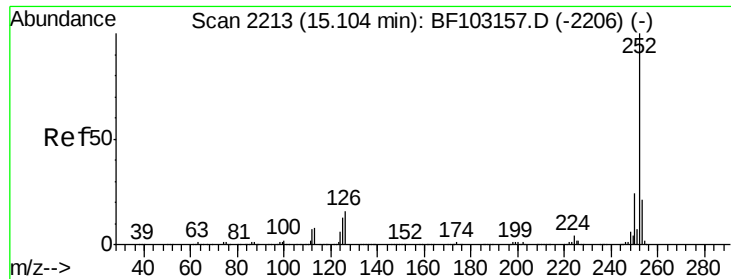
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	433316		
260	24.9	19.2	28.8	
265	21.3	17.5	26.3	





#87

Benzo(b)fluoranthene

Concen: 7.349 ng

RT: 15.10 min Scan# 2212

Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Instrument :

BNA_F

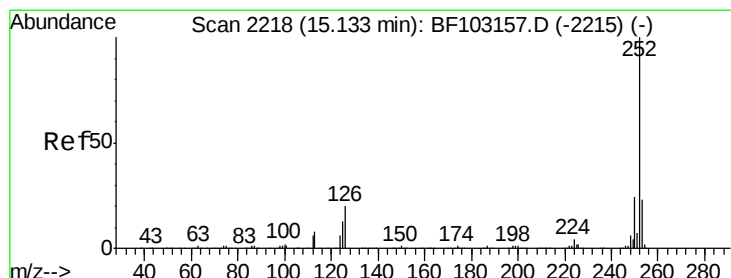
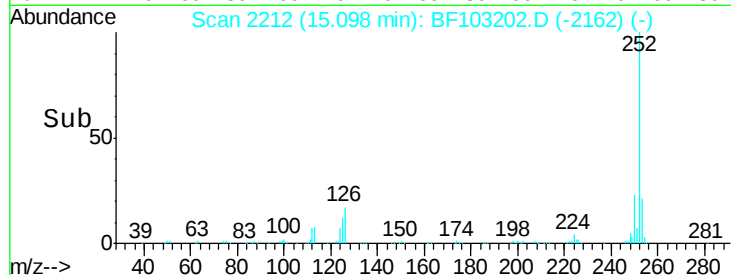
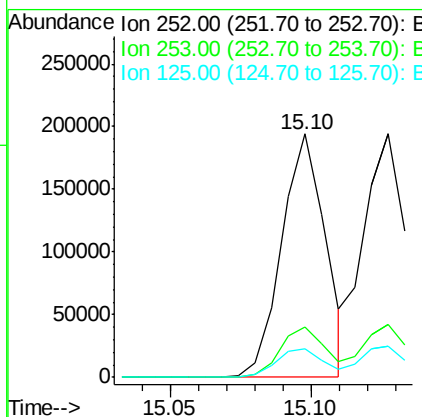
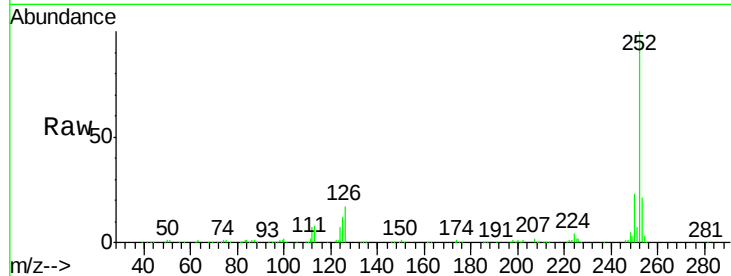
ClientSampleId :

MDL-WATER-03-QT1-2018

Tgt Ion:	252	Resp:	209370
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.0	25.6
125	12.0	9.0	13.6

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#88

Benzo(k)fluoranthene

Concen: 8.066 ng

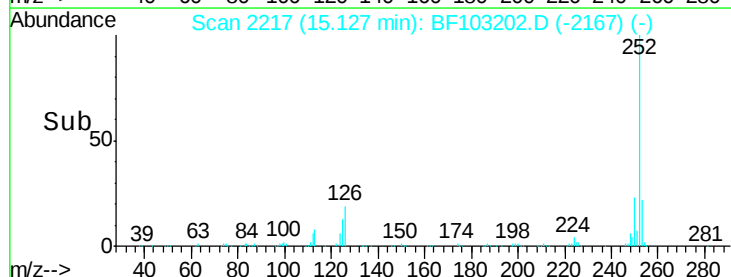
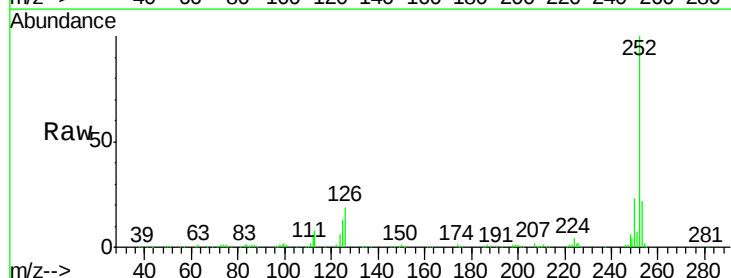
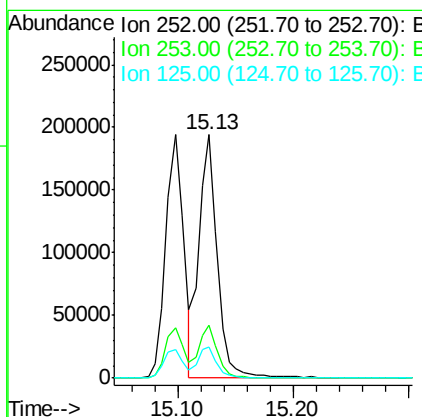
RT: 15.13 min Scan# 2217

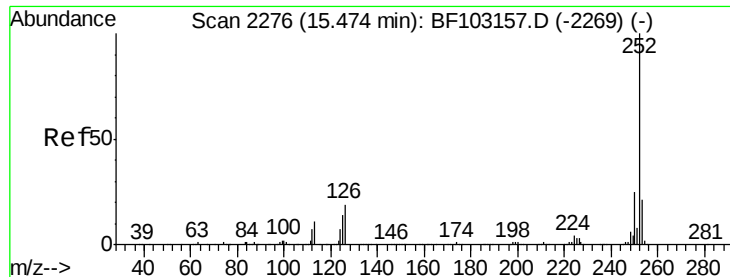
Delta R.T. -0.01 min

Lab File: BF103202.D

Acq: 23 Feb 2018 16:24

Tgt Ion:	252	Resp:	216393
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.9	26.9
125	12.6	10.2	15.2





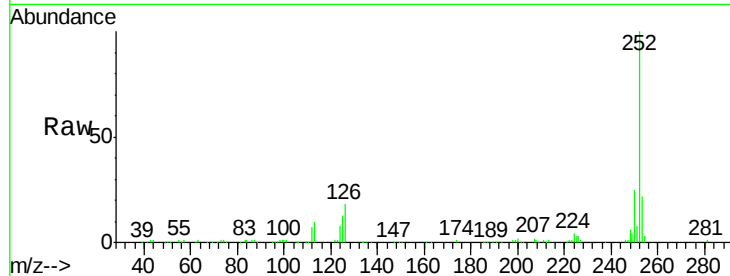
#89
Benzo(a)pyrene
Concen: 7.570 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT1-2018

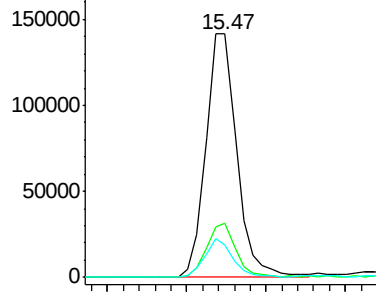
Tgt Ion	Ratio	Resp	Lower	Upper
252	100	192592		
253	22.4	17.1	25.7	
125	13.4	9.8	14.6	

Manual Integrations
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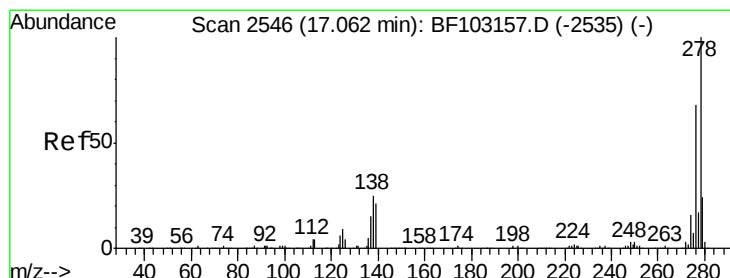
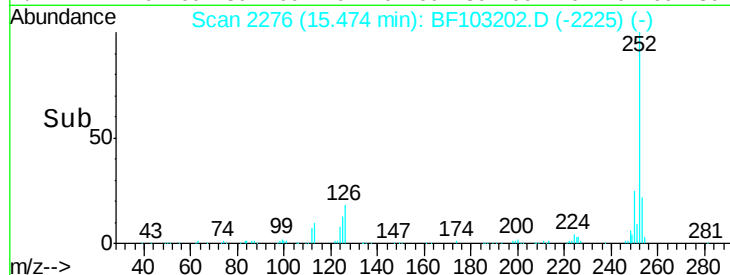
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



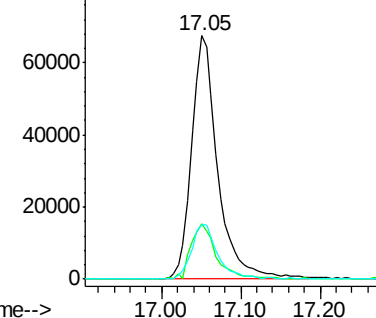
Time-->



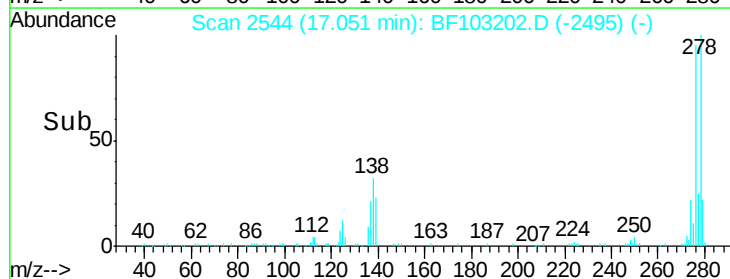
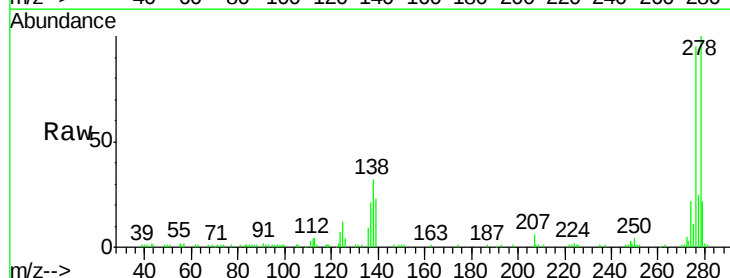
#90
Dibenzo(a,h)anthracene
Concen: 7.858 ng
RT: 17.05 min Scan# 2544
Delta R.T. -0.01 min
Lab File: BF103202.D
Acq: 23 Feb 2018 16:24

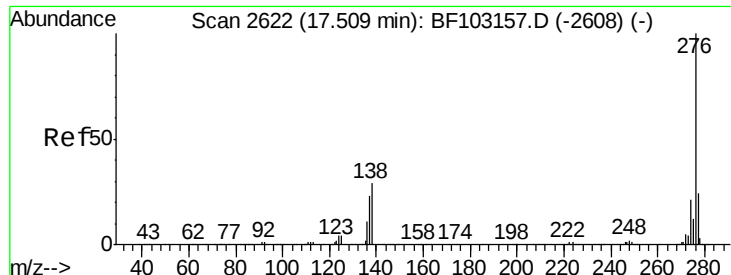
Tgt Ion	Ratio	Resp	Lower	Upper
278	100	154472		
139	22.6	15.9	23.9	
279	22.4	19.0	28.4	

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-->





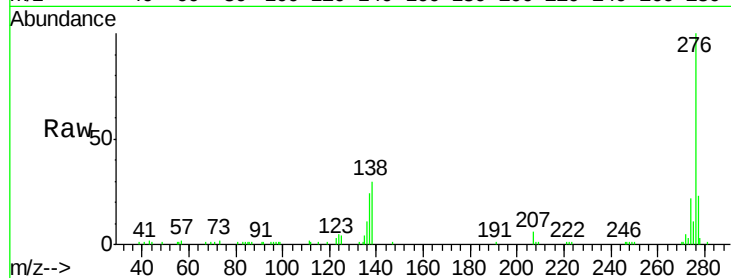
#91
 Benzo(g,h,i)perylene
 Concen: 7.999 ng
 RT: 17.50 min Scan# 2620
 Delta R.T. -0.01 min
 Lab File: BF103202.D
 Acq: 23 Feb 2018 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT1-2018

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	153689		
277	22.9		17.9	26.9
138	30.2		21.8	32.8

Manual Integrations
 APPROVED

Sohil
 2/26/2018 9:54:47 AM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

