

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050818\
 Data File : BF105167.D
 Acq On : 9 May 2018 1:38
 Operator : JU/SJ
 Sample : J2133-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:10 PM

Quant Time: May 09 11:52:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 08 16:33:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	190339	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	758796	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	372793	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	747450	20.00	ng	0.00
75) Chrysene-d12	14.00	240	651553	20.00	ng	-0.01
86) Perylene-d12	15.54	264	567903	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1468343	127.09	ng	0.00
7) Phenol-d6	6.42	99	1727629	125.58	ng	0.00
23) Nitrobenzene-d5	7.36	82	1010455	90.25	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	558058	135.68	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1858969	77.40	ng	0.00
78) Terphenyl-d14	12.91	244	2130498	75.95	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	12309	2.015	ng	98
3) Pyridine	3.33	79	30545m	1.865	ng	
4) n-Nitrosodimethylamine	3.19	42	12138	1.462	ng	# 76
6) Aniline	6.46	93	38867	1.934	ng	97
8) 2-Chlorophenol	6.57	128	27198	2.219	ng	97
9) Benzaldehyde	6.35	77	11697	1.109	ng	98
10) Phenol	6.43	94	32081	2.095	ng	# 45
11) bis(2-Chloroethyl)ether	6.53	93	26954	2.136	ng	92
12) 1,3-Dichlorobenzene	6.73	146	32408	2.194	ng	97
13) 1,4-Dichlorobenzene	6.81	146	33982	2.300	ng	94
14) 1,2-Dichlorobenzene	6.96	146	31314	2.298	ng	96
15) Benzyl Alcohol	6.93	79	20387	1.936	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	48077	2.050	ng	97
17) 2-Methylphenol	7.03	107	21931	2.072	ng	96
18) Hexachloroethane	7.30	117	9834	2.069	ng	91
19) n-Nitroso-di-n-propylamine	7.20	70	19437	2.134	ng	91
20) 3+4-Methylphenols	7.19	107	28518	2.293	ng	# 84
22) Acetophenone	7.19	105	41838	2.365	ng	# 90
24) Nitrobenzene	7.37	77	32631	2.570	ng	94
25) Isophorone	7.60	82	46978	1.876	ng	99
26) 2-Nitrophenol	7.69	139	8728	11.289	ng	92
27) 2,4-Dimethylphenol	7.72	122	19145	1.721	ng	98
28) bis(2-Chloroethoxy)methane	7.82	93	30824	1.995	ng	95
29) 2,4-Dichlorophenol	7.92	162	19530	1.876	ng	94
30) 1,2,4-Trichlorobenzene	8.01	180	27374	2.280	ng	98
31) Naphthalene	8.09	128	85423	2.338	ng	98
32) Benzoic acid	7.76	122	7683	10.286	ng	96
33) 4-Chloroaniline	8.14	127	29895	1.968	ng	96
34) Hexachlorobutadiene	8.21	225	16236	2.334	ng	99
35) Caprolactam	8.46	113	4956	1.568	ng	# 69
36) 4-Chloro-3-methylphenol	8.60	107	19152	1.767	ng	100
37) 2-Methylnaphthalene	8.78	142	57240	2.248	ng	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	27890	2.351	ng	98
40) Hexachlorocyclopentadiene	8.93	237	11102	1.731	ng	96

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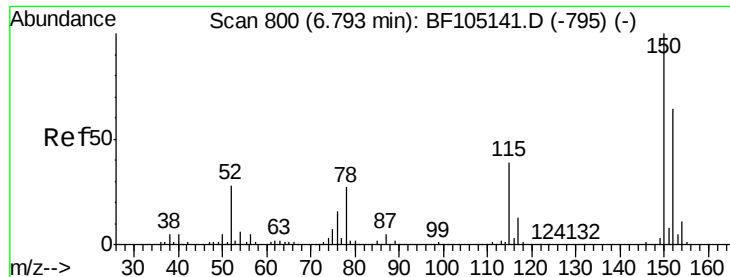
Manual Integrations
 APPROVED

Sohil
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Quant Time: May 09 11:52:48 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	12816m	1.771	nq	
43) 2,4,5-Trichlorophenol	9.09	196	15975	2.112	nq	97
45) 1,1'-Biphenyl	9.25	154	80455	2.649	nq	99
46) 2-Chloronaphthalene	9.27	162	55800	2.458	nq	94
47) 2-Nitroaniline	9.36	65	10445	7.203	nq	93
48) Acenaphthylene	9.69	152	80026	2.282	nq	99
49) Dimethylphthalate	9.54	163	58949	2.336	nq	98
50) 2,6-Dinitrotoluene	9.60	165	10618	1.939	nq	97
51) Acenaphthene	9.86	154	54467	2.410	nq	97
52) 3-Nitroaniline	9.77	138	11466	1.988	nq	99
53) 2,4-Dinitrophenol	9.87	184	1337	10.251	nq	# 24
54) Dibenzofuran	10.03	168	75894	2.296	nq	98
55) 4-Nitrophenol	9.92	139	6588	5.501	nq	94
56) 2,4-Dinitrotoluene	10.00	165	11507	5.070	nq	# 99
57) Fluorene	10.37	166	62197	2.566	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	12138	1.798	nq	# 90
59) Diethylphthalate	10.25	149	58227	2.348	nq	98
60) 4-Chlorophenyl-phenylether	10.37	204	28885	2.560	nq	# 85
61) 4-Nitroaniline	10.37	138	10093	1.758	nq	98
62) Azobenzene	10.53	77	54670	2.113	nq	96
64) 4,6-Dinitro-2-methylphenol	10.40	198	3427	10.043	nq	92
65) n-Nitrosodiphenylamine	10.49	169	51015	2.190	nq	98
66) 4-Bromophenyl-phenylether	10.86	248	16813	2.109	nq	# 87
67) Hexachlorobenzene	10.92	284	20999	2.286	nq	# 86
68) Atrazine	11.00	200	9538	1.306	nq	96
69) Pentachlorophenol	11.10	266	8182	4.674	nq	97
70) Phenanthrene	11.33	178	92718	2.353	nq	98
71) Anthracene	11.39	178	87464	2.184	nq	98
72) Carbazole	11.54	167	80353	2.227	nq	98
73) Di-n-butylphthalate	11.87	149	73259	1.898	nq	98
74) Fluoranthene	12.52	202	90479	2.204	nq	95
76) Benzidine	12.65	184	11112m	0.457	nq	
77) Pyrene	12.75	202	98781	2.084	nq	98
79) Butylbenzylphthalate	13.39	149	21082	7.954	nq	99
80) Benzo(a)anthracene	13.99	228	82454	2.087	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	17440	1.174	nq	# 91
82) Chrysene	14.03	228	87736	2.156	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	33068	1.688	nq	100
84) Di-n-octyl phthalate	14.68	149	35881	7.743	nq	# 91
85) Indeno(1,2,3-cd)pyrene	16.98	276	51528	1.598	nq	95
87) Benzo(b)fluoranthene	15.12	252	70866	2.040	nq	98
88) Benzo(k)fluoranthene	15.14	252	68637	2.037	nq	# 96
89) Benzo(a)pyrene	15.48	252	56955	1.802	nq	98
90) Dibenzo(a,h)anthracene	17.00	278	44225	1.802	nq	96
91) Benzo(g,h,i)perylene	17.41	276	43706	1.820	nq	# 93

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



#1

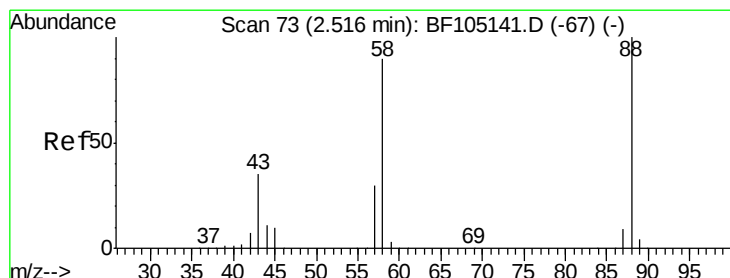
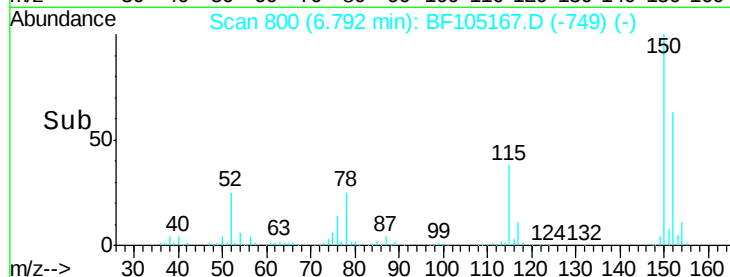
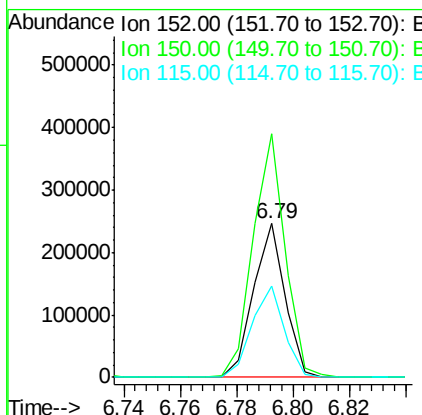
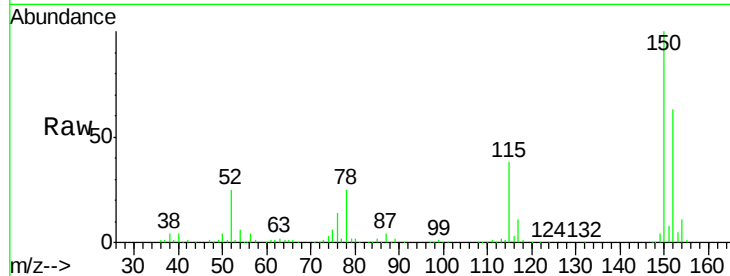
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.6	186.8
115	59.7	50.1	75.1

Manual Integrations
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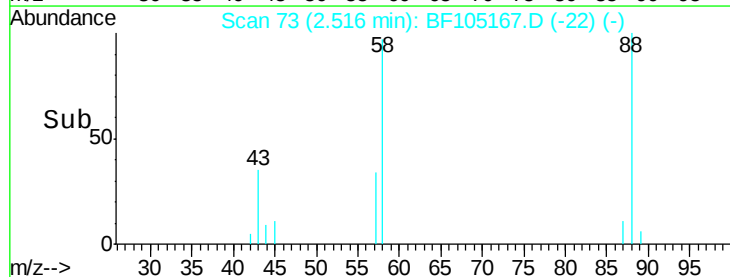
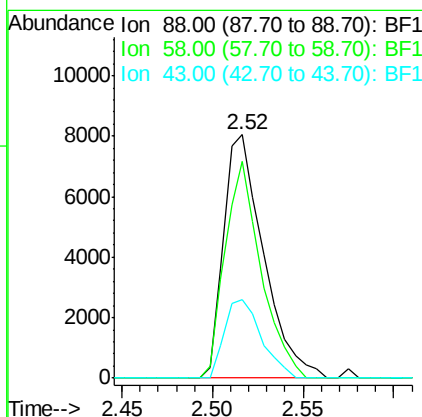
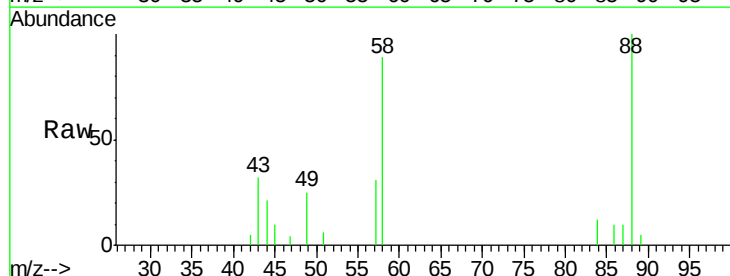
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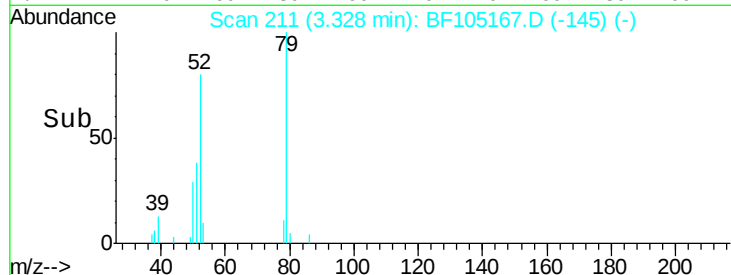
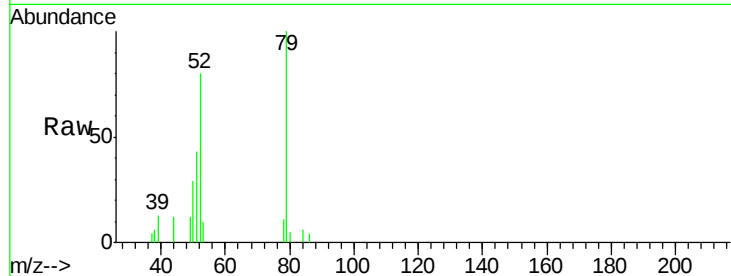
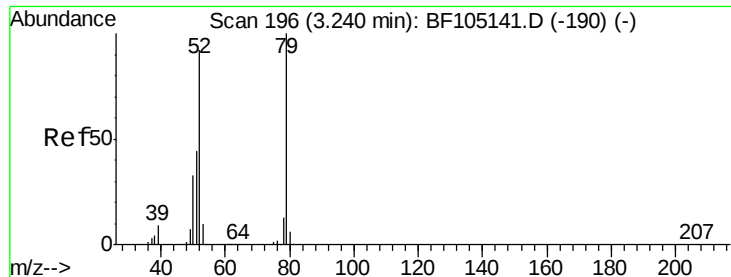


#2

1,4-Dioxane
Concen: 2.015 ng
RT: 2.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.2	62.6	93.8
43	29.9	24.6	37.0





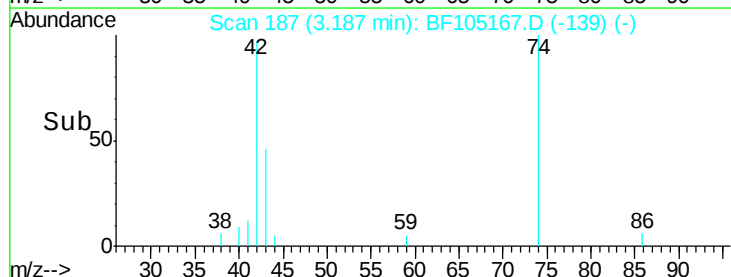
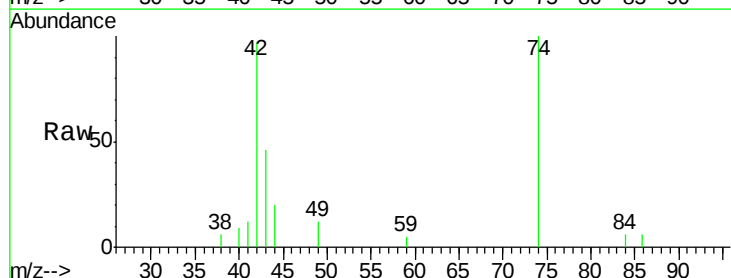
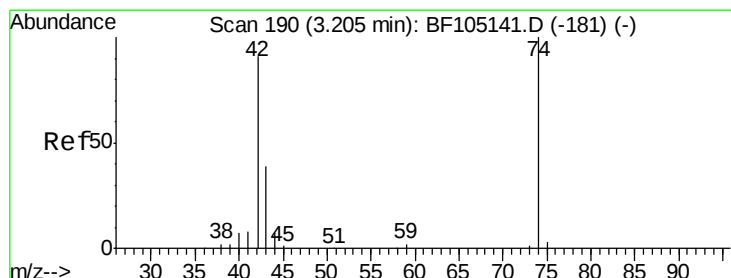
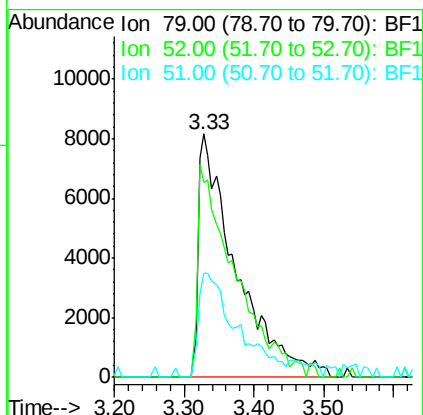
#3
Pvridine
Concen: 1.865 ng/ml
RT: 3.33 min Scan# 211
Delta R.T. 0.09 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	80.2	59.8	89.6		
51	42.6	29.8	44.8		

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

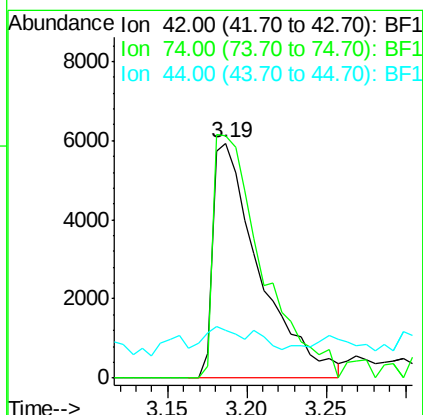
Manual Integrations
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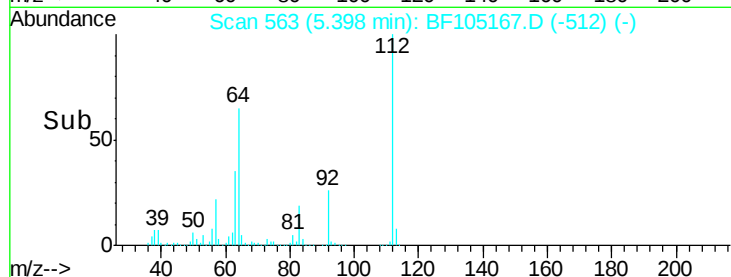
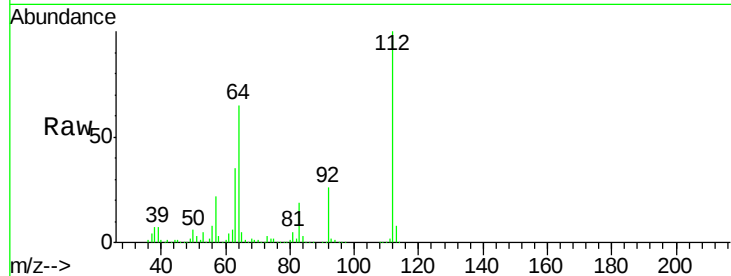
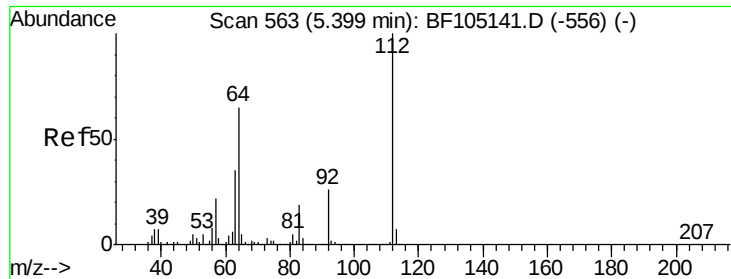
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#4
n-Nitrosodimethylamine
Concen: 1.462 ng/ml
RT: 3.19 min Scan# 187
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	103.2	104.9	157.3#		
44	20.6	6.9	10.3#		





#5

2-Fluorophenol

Concen: 127.089 ng

RT: 5.40 min Scan# 563

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tot Ion:	112	Resp:	1468343
Ion	Ratio	Lower	Upper
112	100		
64	65.4	47.9	71.9
63	34.6	23.7	35.5

Instrument :

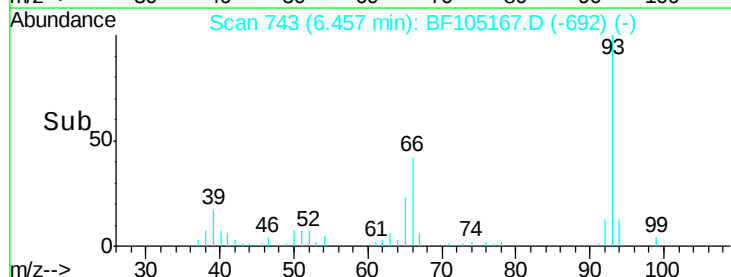
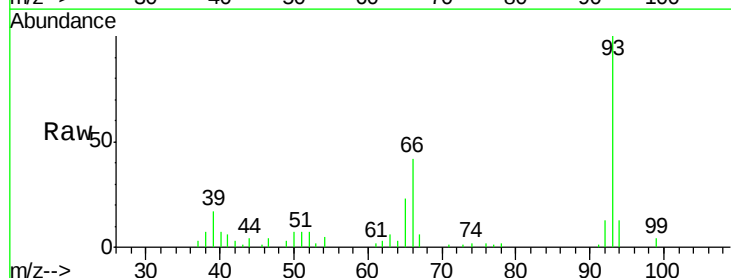
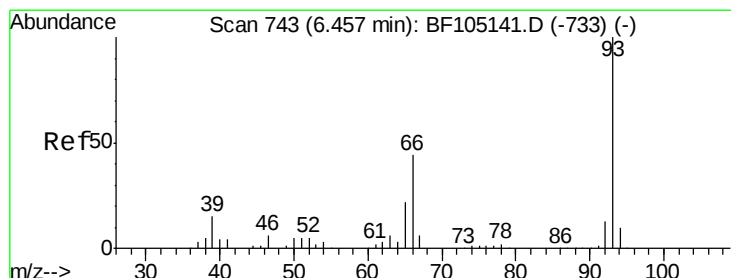
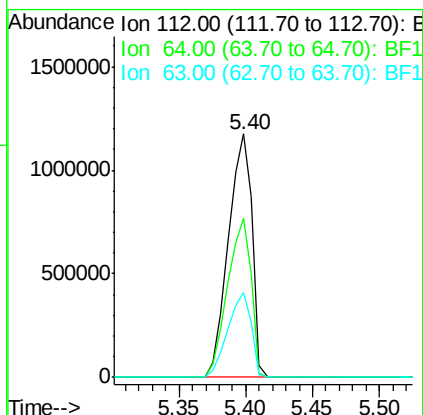
BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Manual Integrations
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#6

Aniline

Concen: 1.934 ng

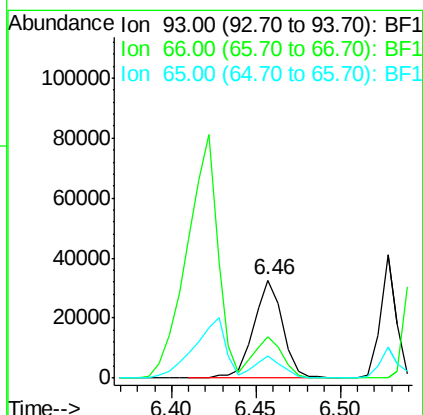
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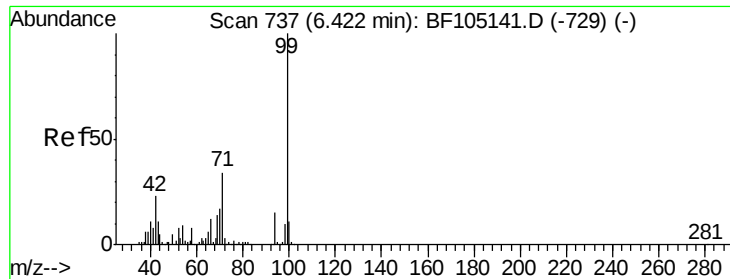
Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion:	93	Resp:	38867
Ion	Ratio	Lower	Upper
93	100		
66	41.9	32.2	48.2
65	22.5	16.4	24.6





#7

Phenol-d6

Concen: 125.582 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion: 99 Resp: 1727629

Ion Ratio Lower Upper

99 100

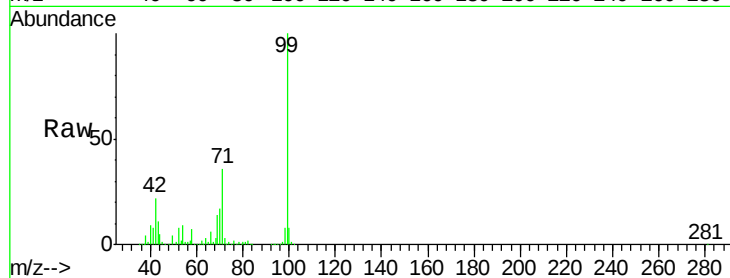
42 22.2 14.5 21.7#

71 36.2 25.4 38.0

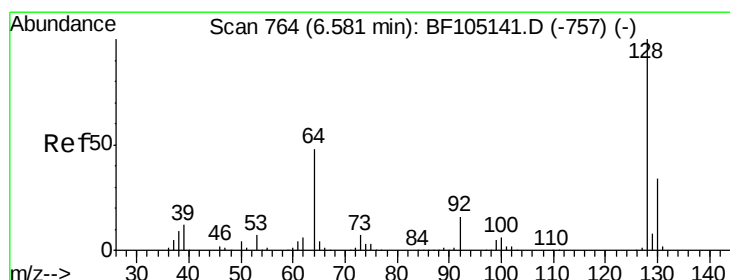
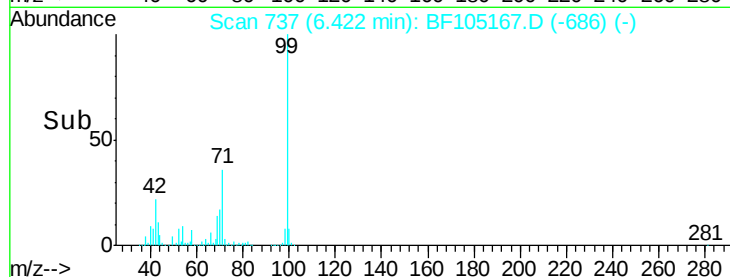
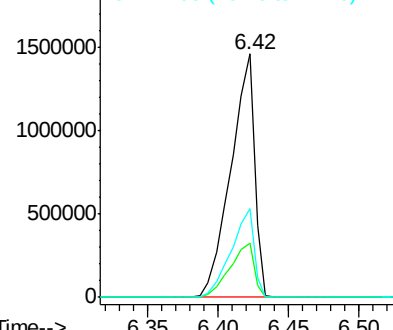
Manual Integrations
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Abundance Ion 99.00 (98.70 to 99.70): BF1
2000000
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 2.219 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

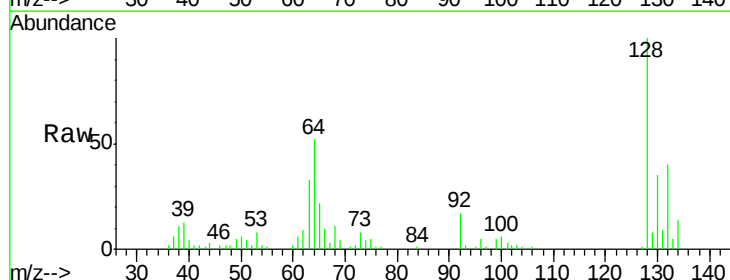
Tgt Ion: 128 Resp: 27198

Ion Ratio Lower Upper

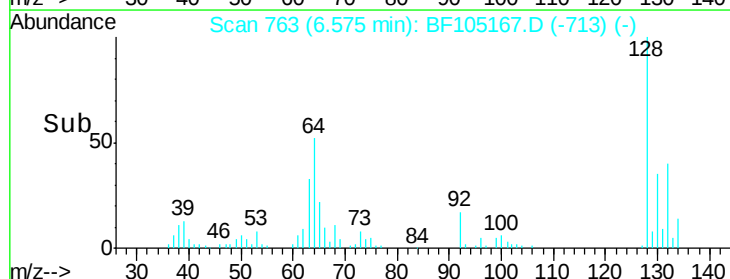
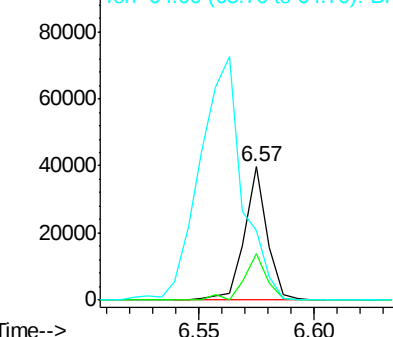
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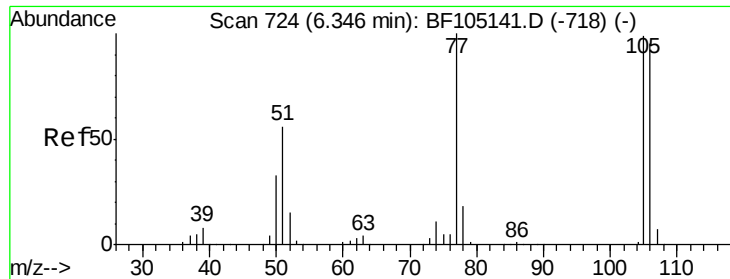
130 34.5 13.0 53.0

64 52.1 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): BF1
100000
Ion 130.00 (129.70 to 130.70): BF1
Ion 64.00 (63.70 to 64.70): BF1





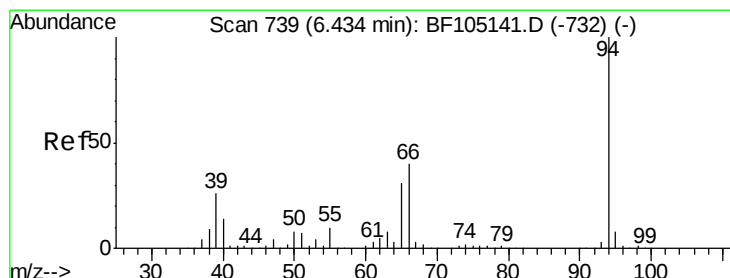
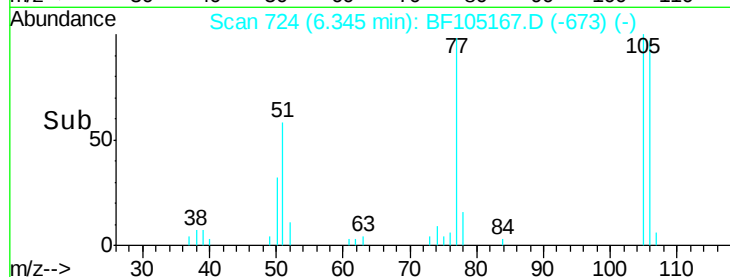
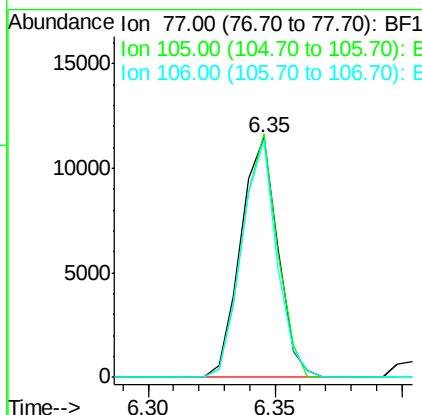
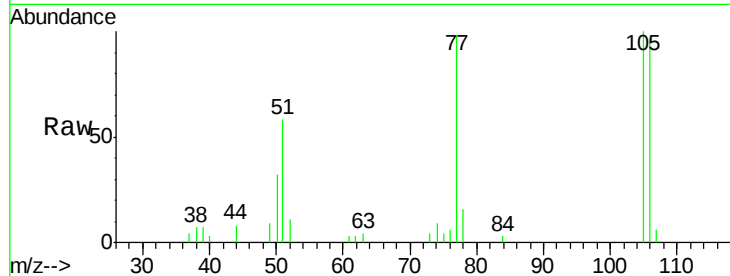
#9
Benzaldehyde
Concen: 1.109 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
77	100		
105	101.6	81.1	121.1
106	98.7	74.5	114.5

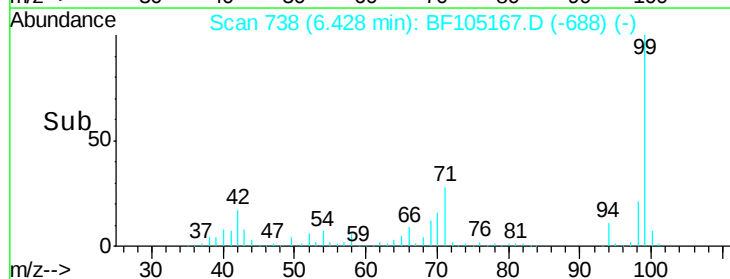
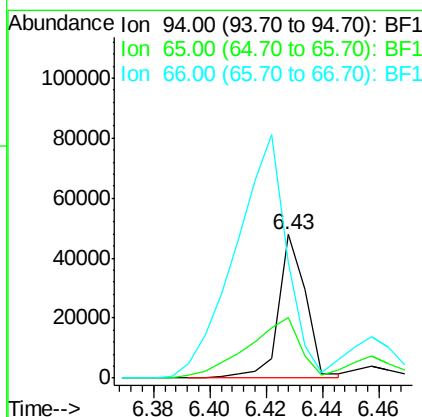
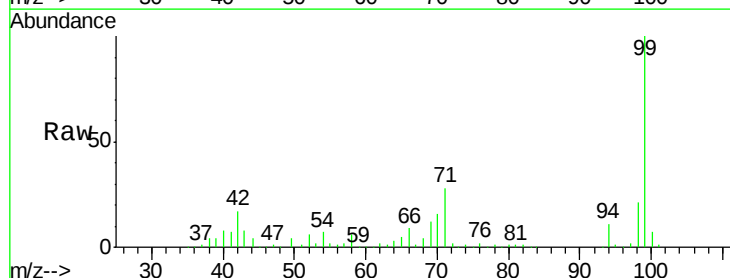
Manual Integrations
APPROVED

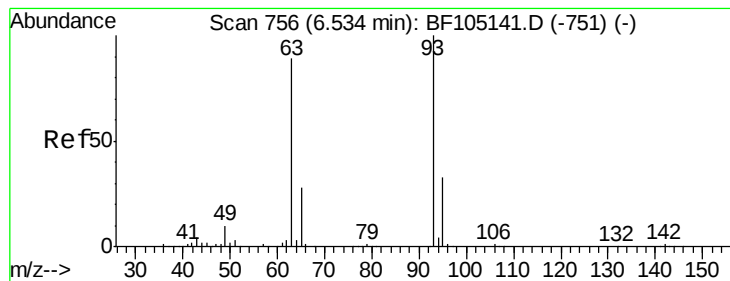
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#10
Phenol
Concen: 2.095 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
94	100		
65	42.2	7.9	47.9
66	80.8	16.2	56.2





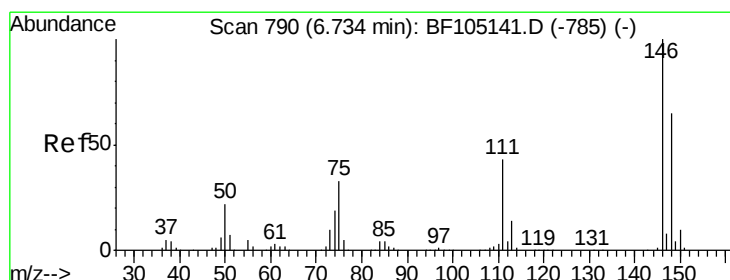
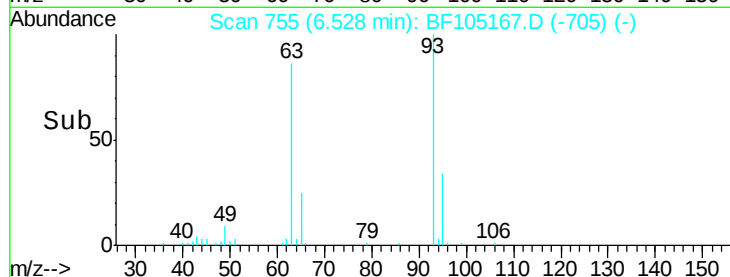
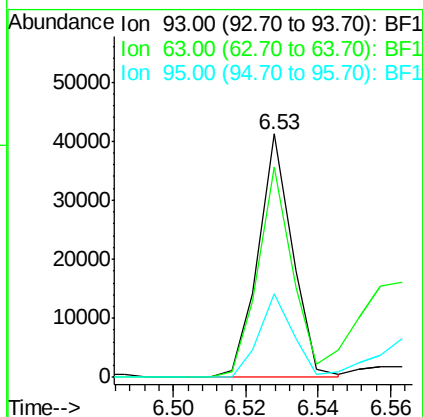
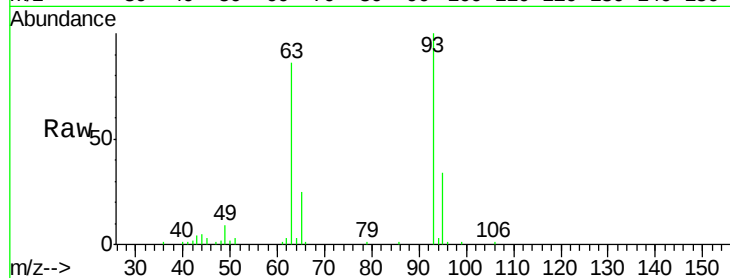
#11
bis(2-Chloroethyl)ether
Concen: 2.136 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:	93	Resp:	26954
Ion	Ratio	Lower	Upper
93	100		
63	86.4	58.6	98.6
95	34.2	11.8	51.8

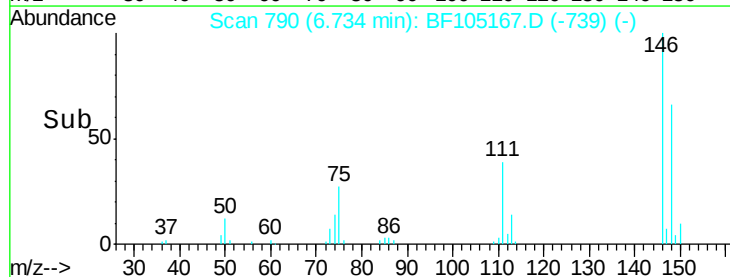
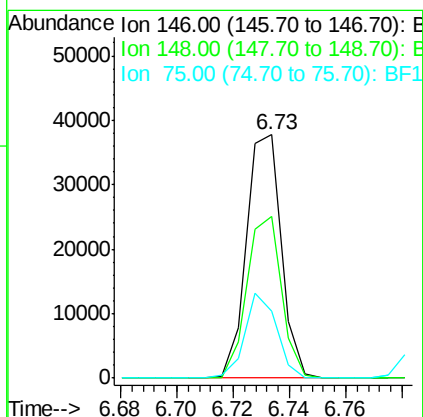
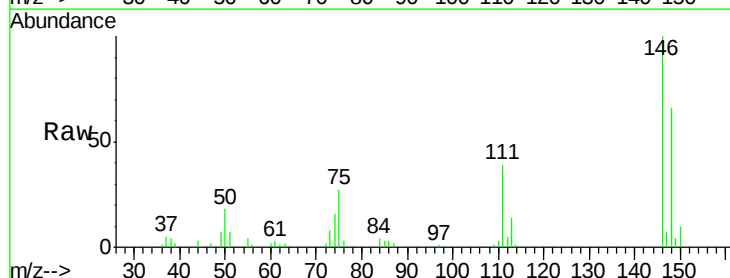
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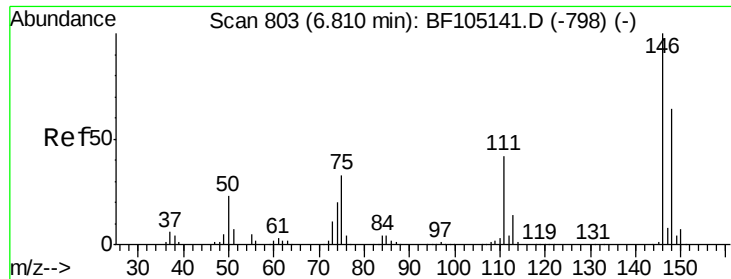
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#12
1,3-Dichlorobenzene
Concen: 2.194 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:	146	Resp:	32408
Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.8	77.8
75	27.4	24.2	36.4





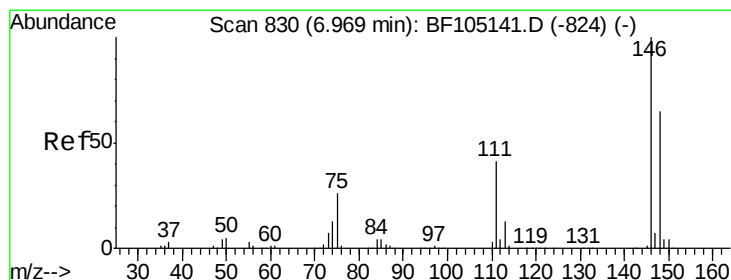
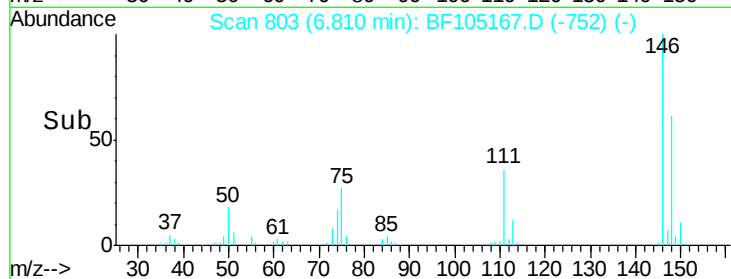
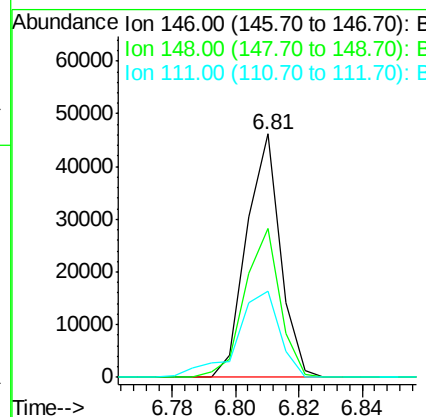
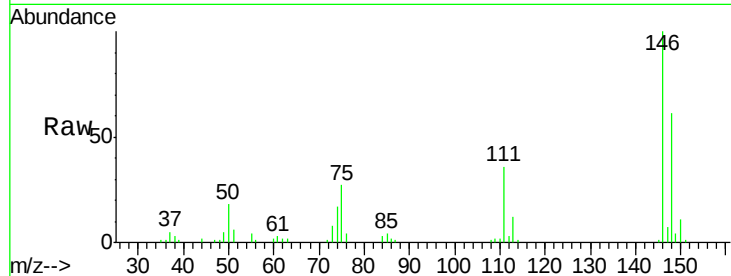
#13
1,4-Dichlorobenzene
Concen: 2.300 ng
RT: 6.81 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.1	50.8	76.2
111	35.7	34.2	51.2

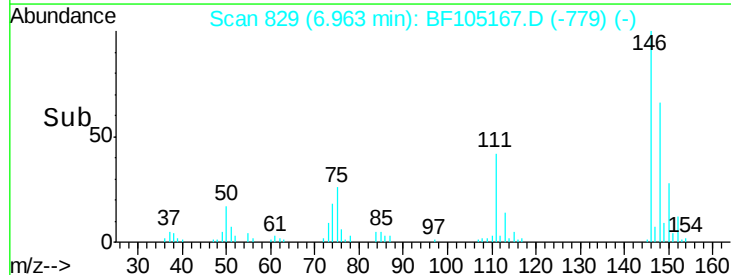
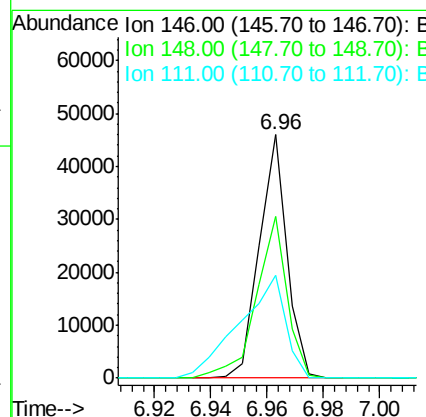
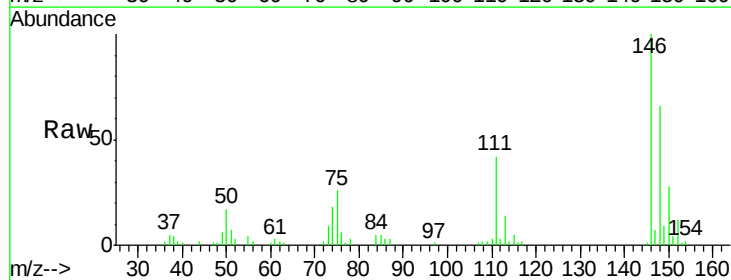
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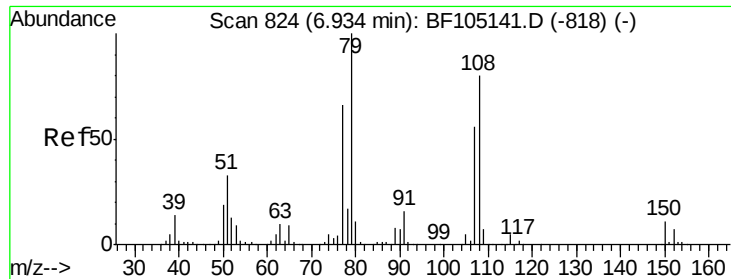
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#14
1,2-Dichlorobenzene
Concen: 2.298 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.3	50.6	75.8
111	42.3	36.0	54.0





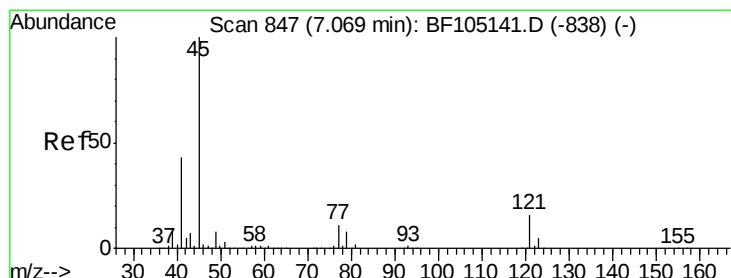
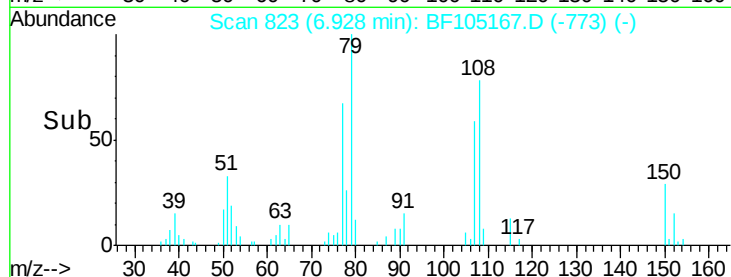
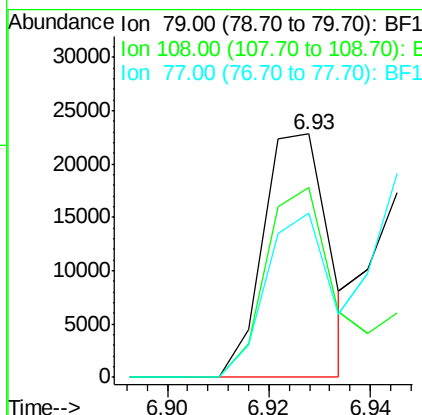
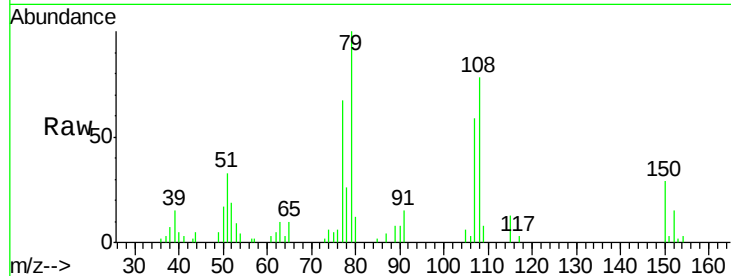
#15
Benzyl Alcohol
Concen: 1.936 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
79	100		
108	78.1	65.1	97.7
77	67.2	50.6	75.8

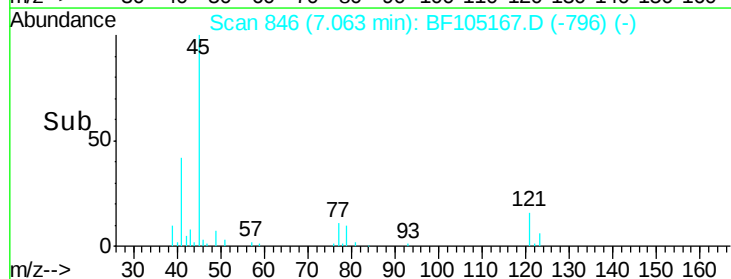
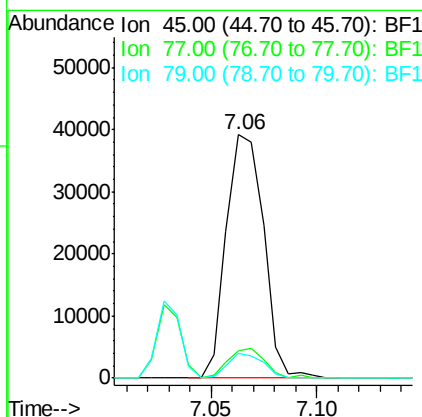
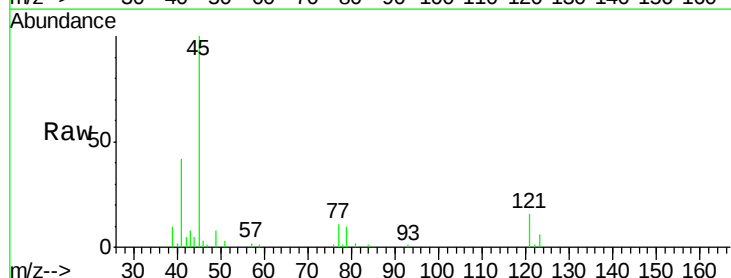
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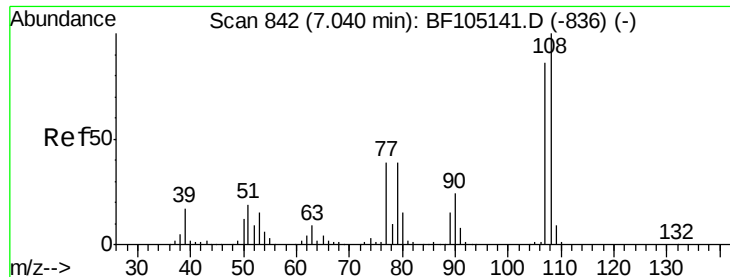
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#16
2,2'-oxybis(1-chloropropane)
Concen: 2.050 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	32.9
79	10.0	0.0	29.6





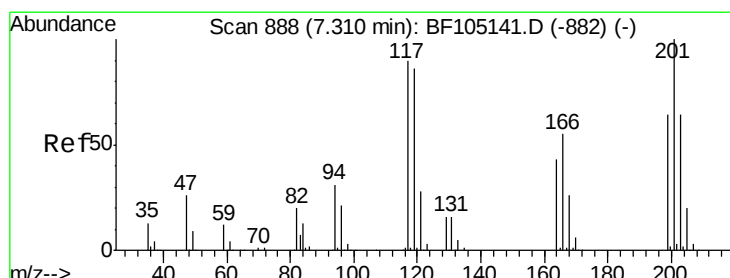
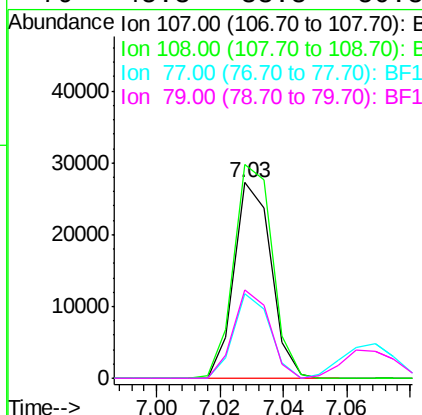
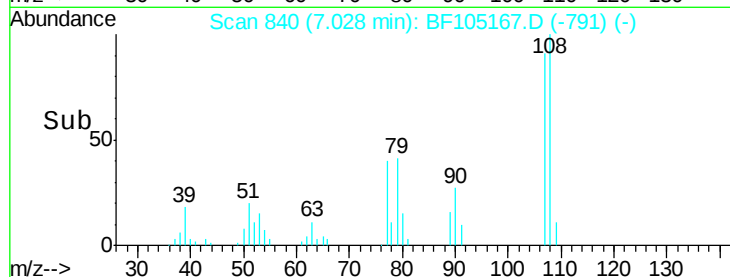
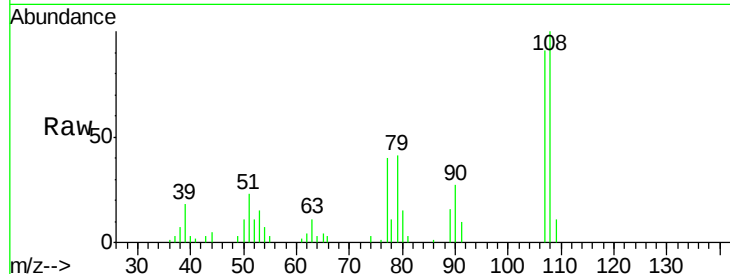
#17
2-Methylphenol
Concen: 2.072 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:	107	Resp:	21931
Ion Ratio	Lower	Upper	
107	100		
108	109.4	91.7	137.5
77	43.5	33.8	50.8
79	45.3	33.8	50.8

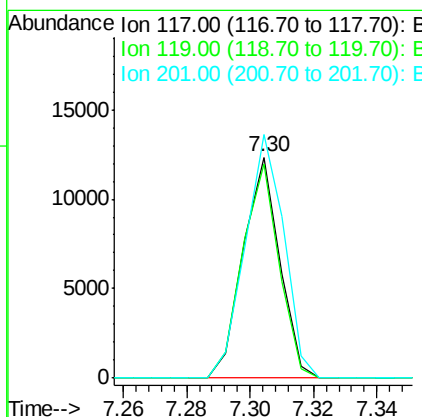
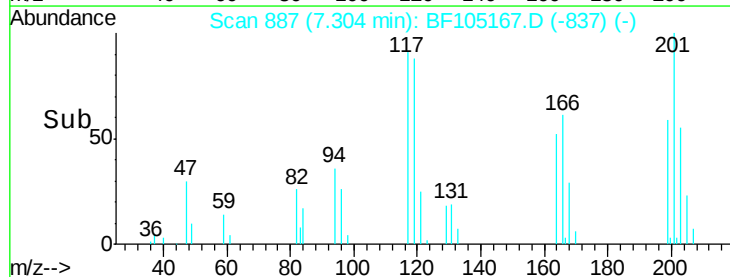
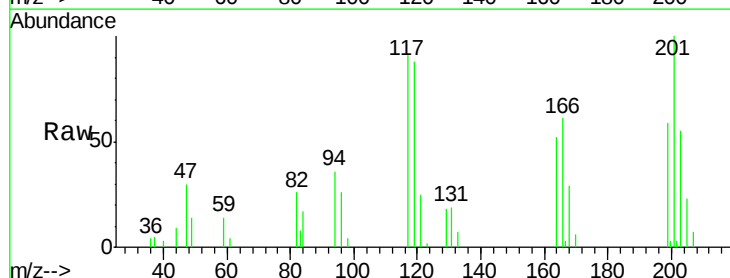
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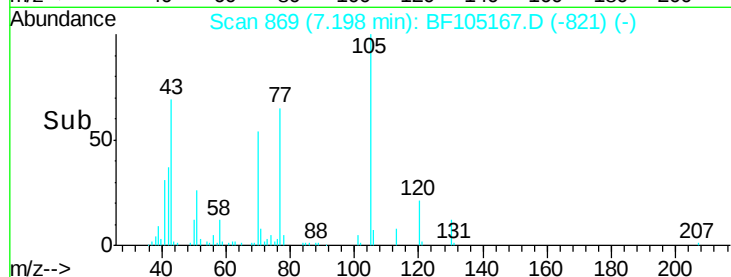
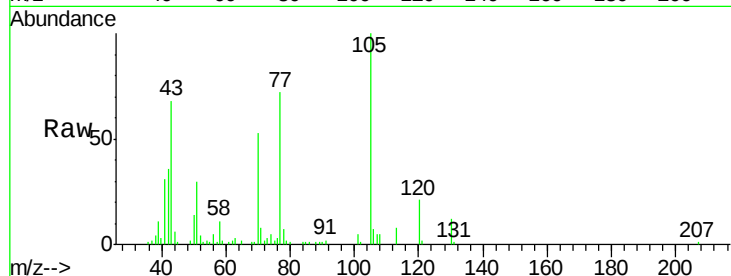
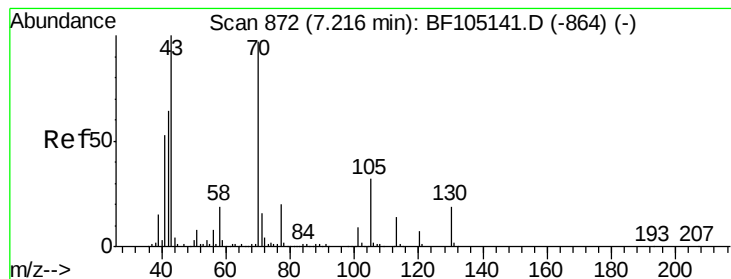
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#18
Hexachloroethane
Concen: 2.069 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:	117	Resp:	9834
Ion Ratio	Lower	Upper	
117	100		
119	96.9	75.8	113.8
201	110.3	75.7	113.5





#19

n-Nitroso-di-n-propylamine

Concen: 2.134 ng

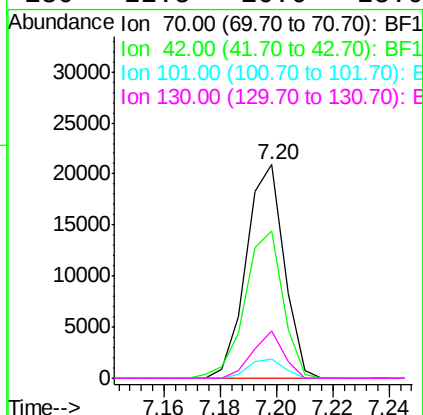
RT: 7.20 min Scan# 869

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.8	47.5	71.3	
101	8.7	7.4	11.2	
130	22.5	16.6	25.0	



Instrument :

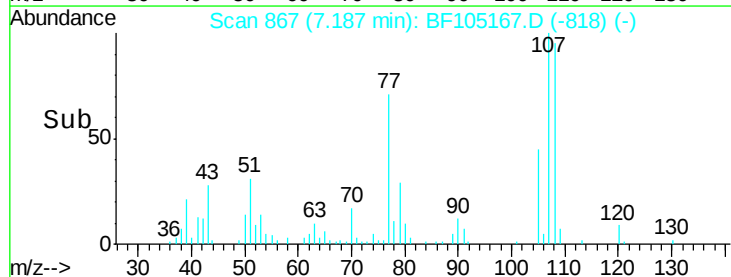
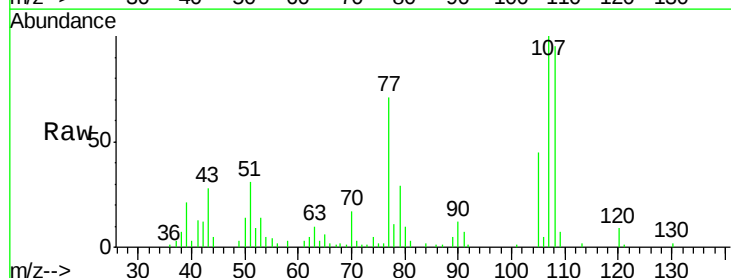
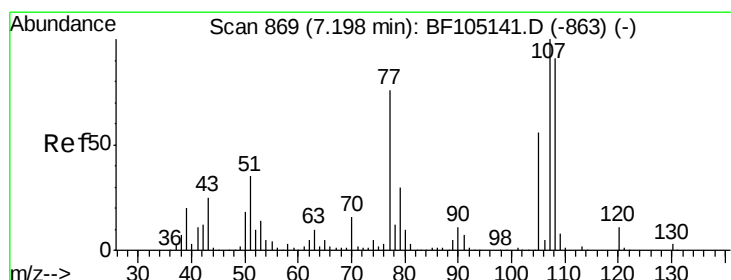
BNA_F

ClientSampleId :

MDL-WATER-03-QT2-2018

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#20

3+4-Methylphenols

Concen: 2.293 ng

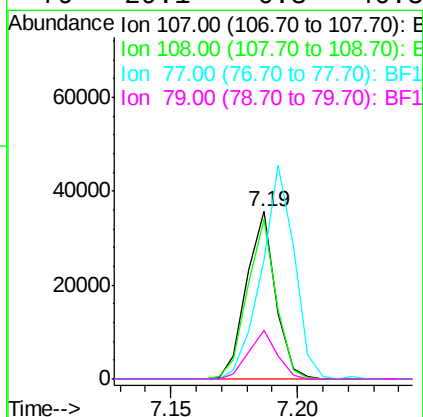
RT: 7.19 min Scan# 867

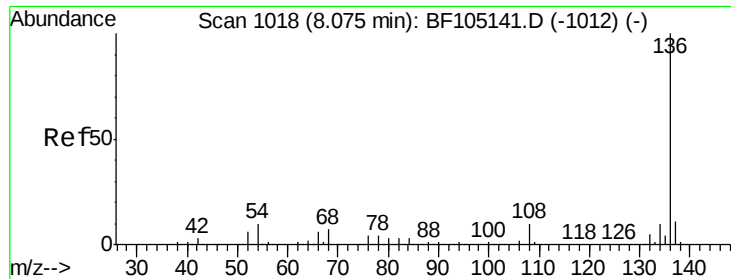
Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	95.3	68.2	108.2	
77	71.0	26.7	66.7#	
79	29.1	6.3	46.3	





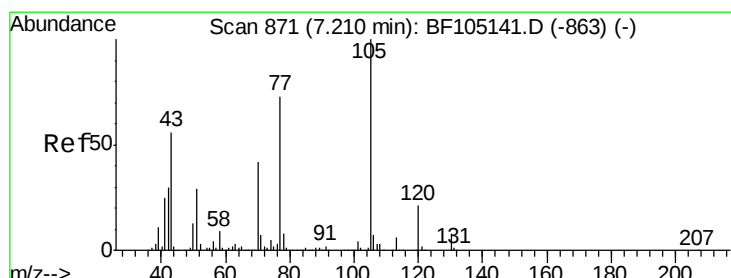
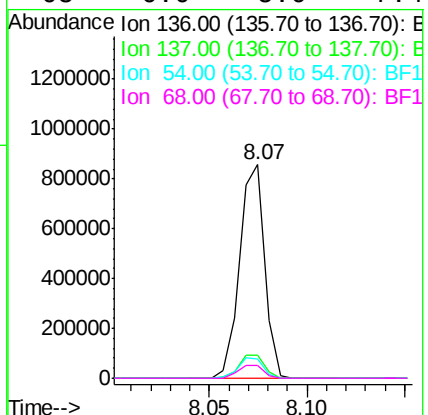
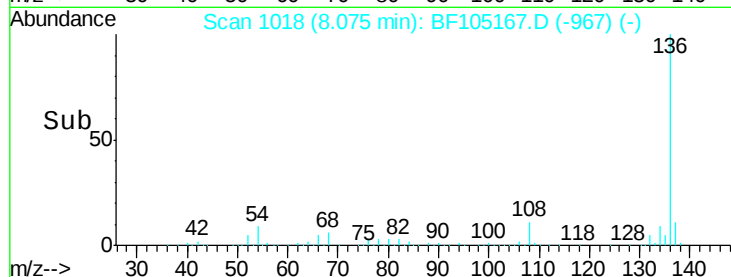
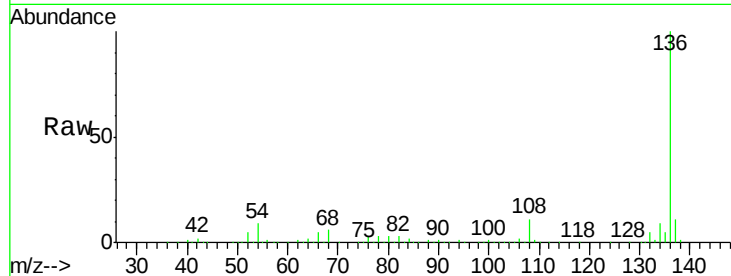
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
136	100	758796		
137	10.9		8.9	13.3
54	9.0		6.6	9.8
68	6.0		5.0	7.4

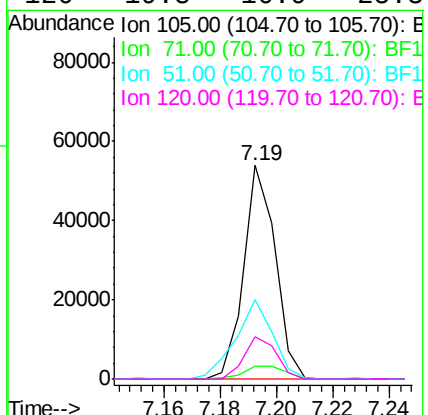
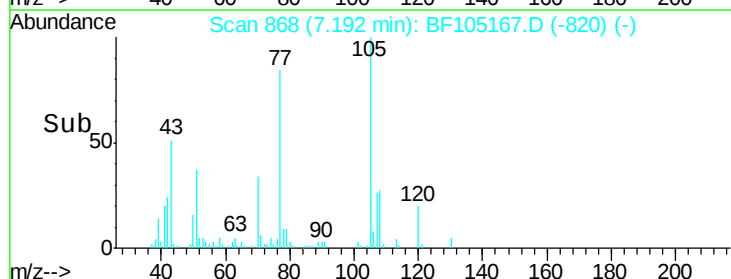
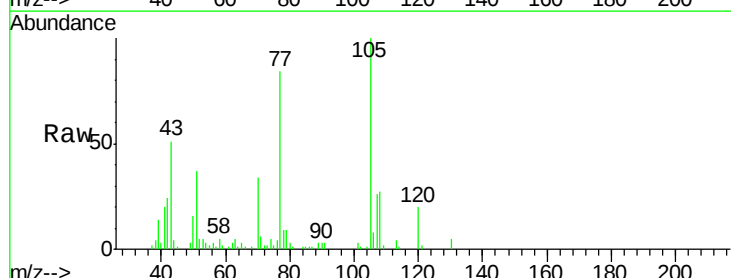
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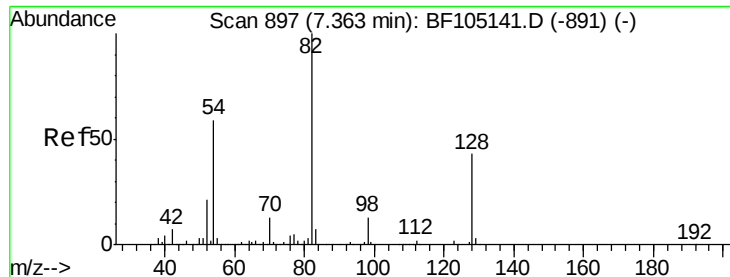
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#22
Acetophenone
Concen: 2.365 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	41838		
71	5.8		4.4	6.6
51	37.0		22.3	33.5#
120	19.8		16.9	25.3





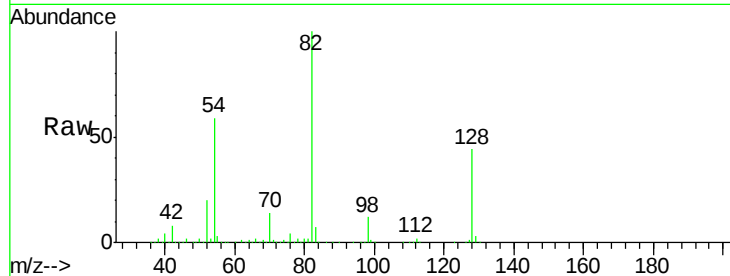
#23
Nitrobenzene-d5
Concen: 90.251 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

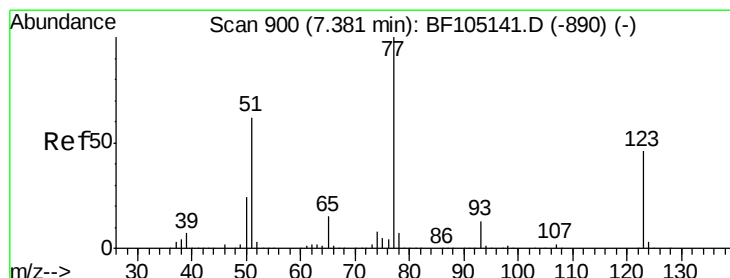
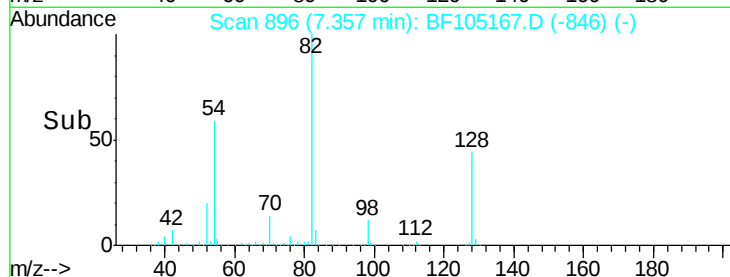
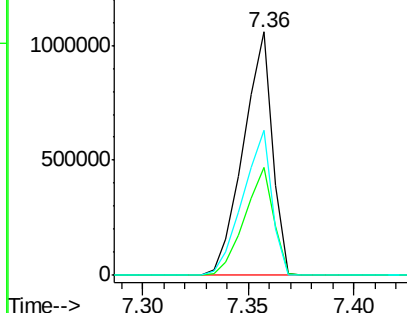
Tot Ion: 82 Resp: 1010455
Ion Ratio Lower Upper
82 100
128 44.2 36.1 54.1
54 59.3 41.4 62.2

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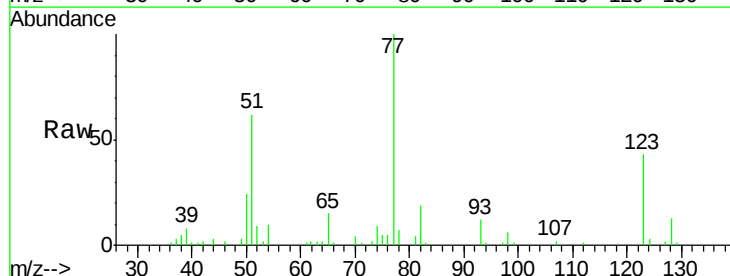


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

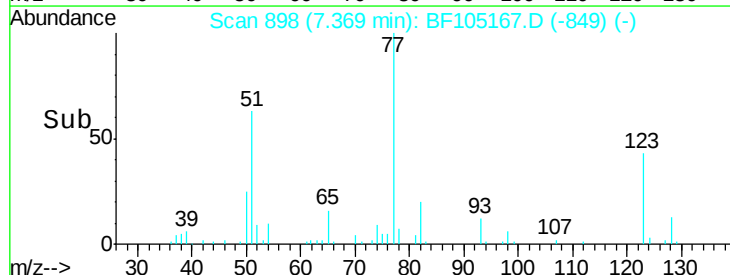
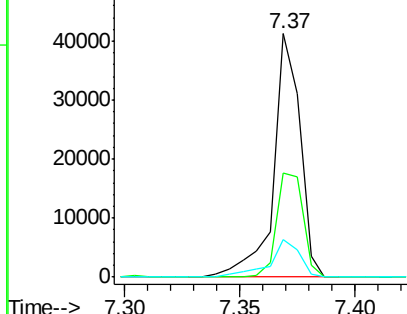


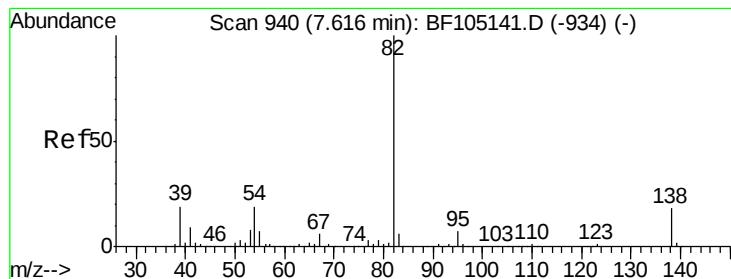
#24
Nitrobenzene
Concen: 2.570 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion: 77 Resp: 32631
Ion Ratio Lower Upper
77 100
123 42.6 37.9 56.9
65 15.2 11.0 16.4



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





#25

Isophorone

Concen: 1.876 ng

RT: 7.60 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

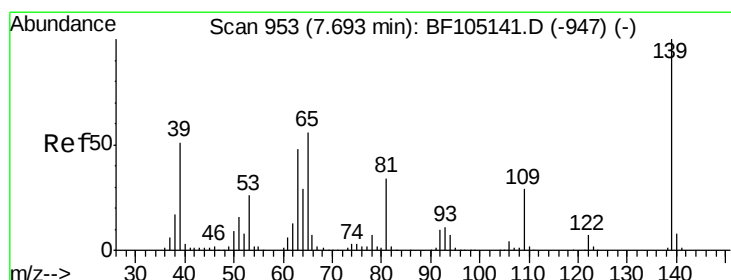
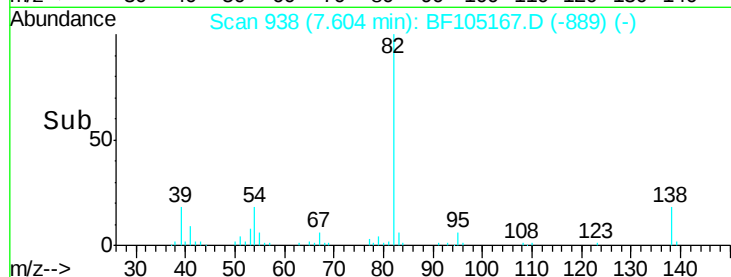
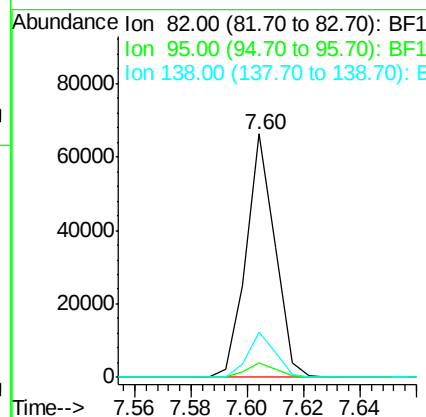
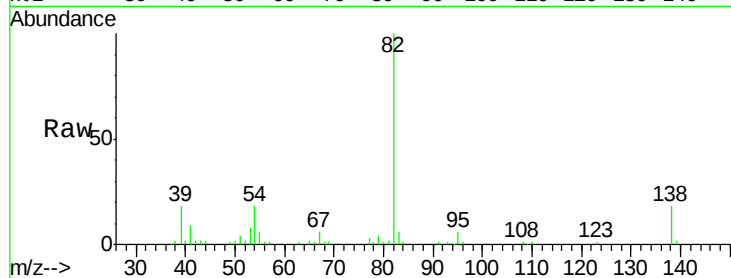
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	82	Resp:	46978
Ion Ratio	Lower	Upper	
82	100		
95	5.9	5.2	7.8
138	18.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 11.289 ng

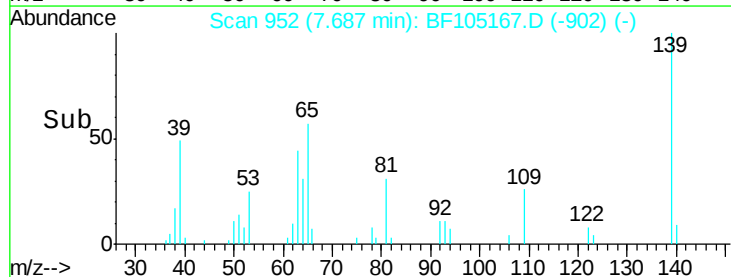
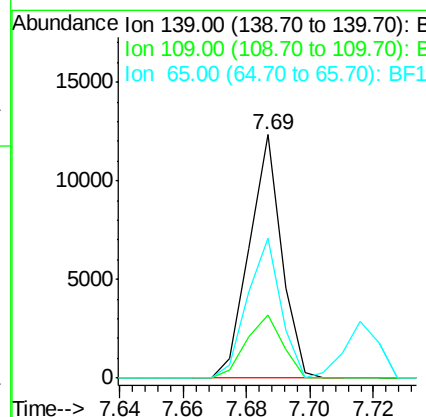
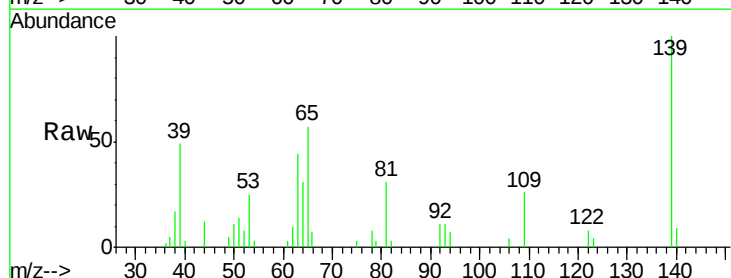
RT: 7.69 min Scan# 952

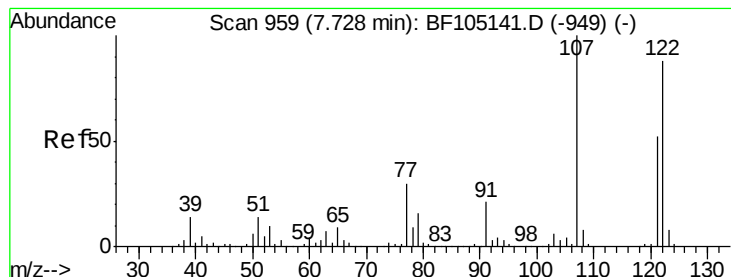
Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion:	139	Resp:	8728
Ion Ratio	Lower	Upper	
139	100		
109	25.8	22.7	34.1
65	57.4	40.5	60.7





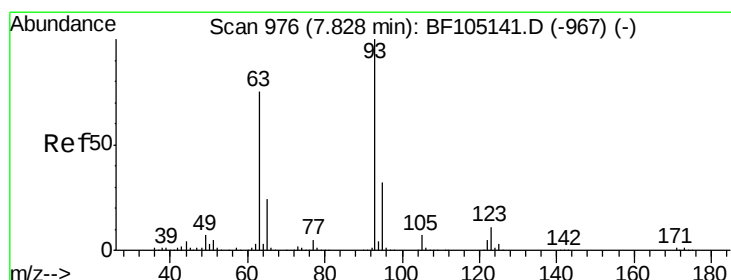
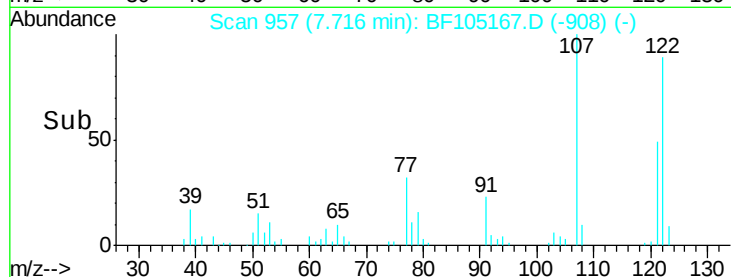
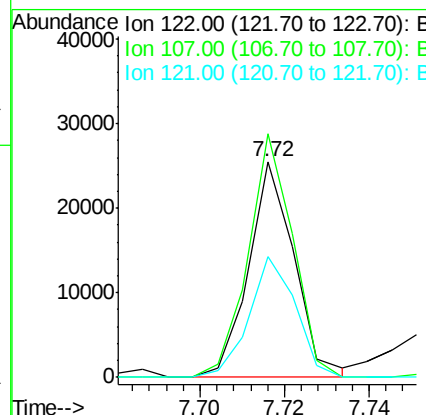
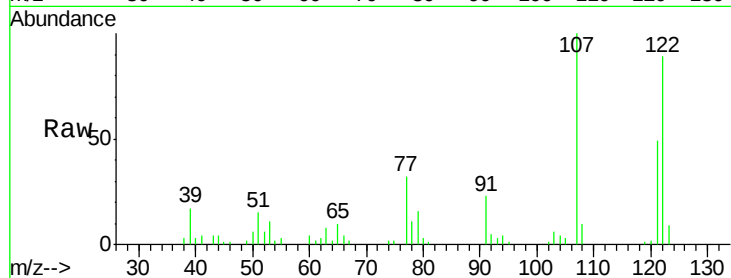
#27
2,4-Dimethylphenol
Concen: 1.721 ng
RT: 7.72 min Scan# 957
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
122	100		
107	112.9	91.2	136.8
121	55.8	47.2	70.8

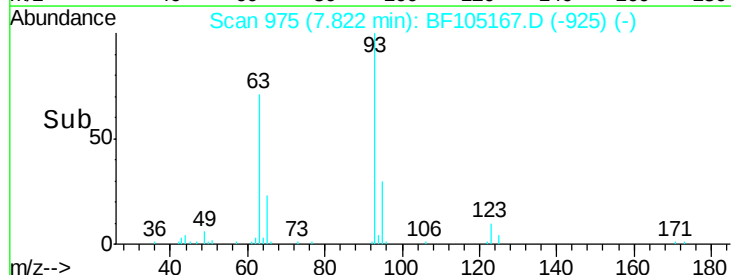
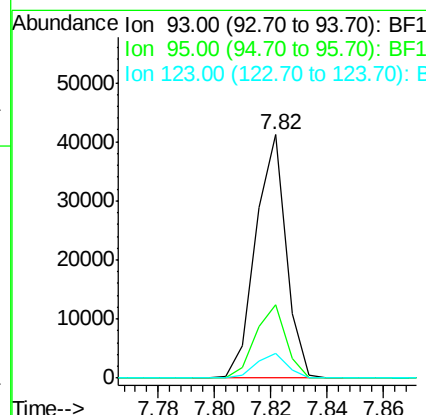
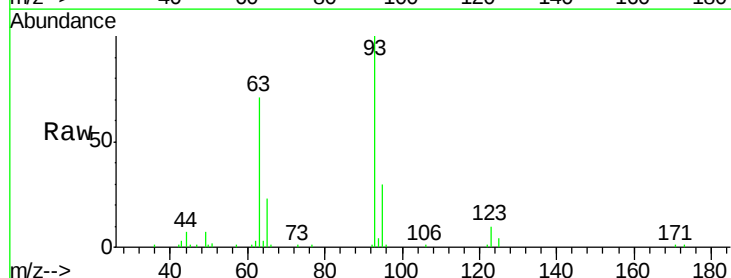
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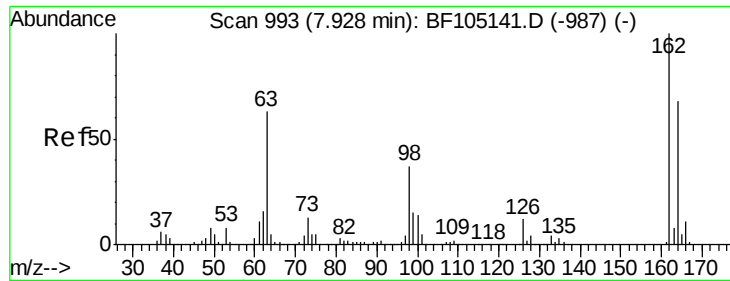
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 1.995 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.3	26.3	39.5
123	10.2	9.8	14.6





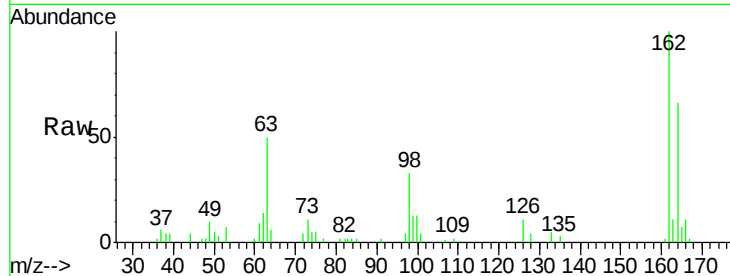
#29
 2,4-Dichlorophenol
 Concen: 1.876 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

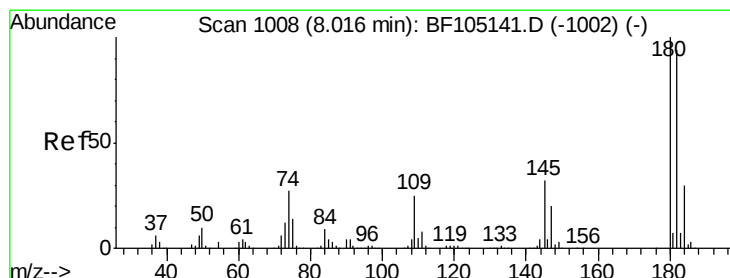
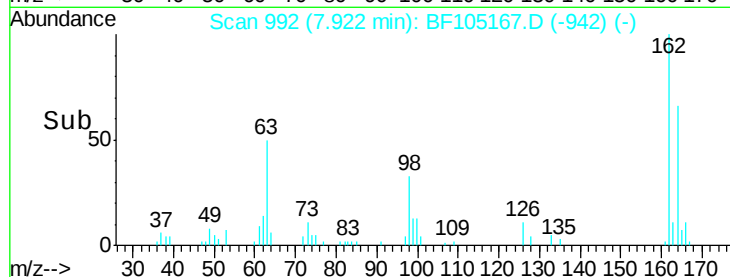
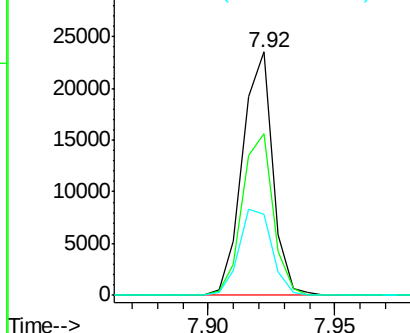
Tot Ion	Ratio	Resp	Lower	Upper
162	100	19530		
164	66.2	42.7	82.7	
98	33.2	18.1	58.1	

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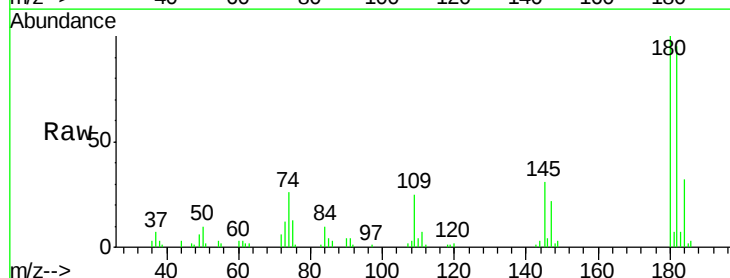


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

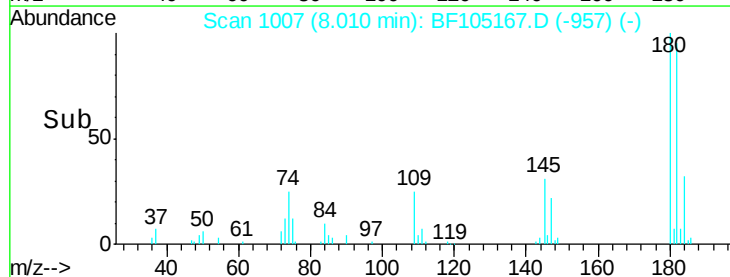
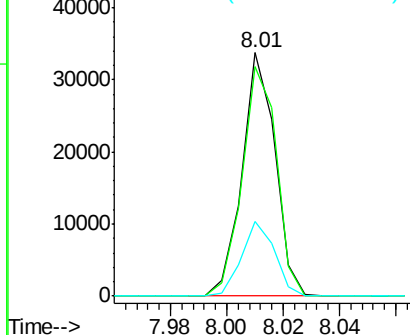


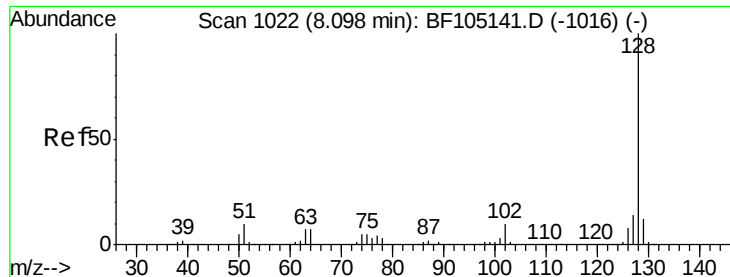
#30
 1,2,4-Trichlorobenzene
 Concen: 2.280 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	27374		
182	94.5	76.8	115.2	
145	30.7	26.5	39.7	



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





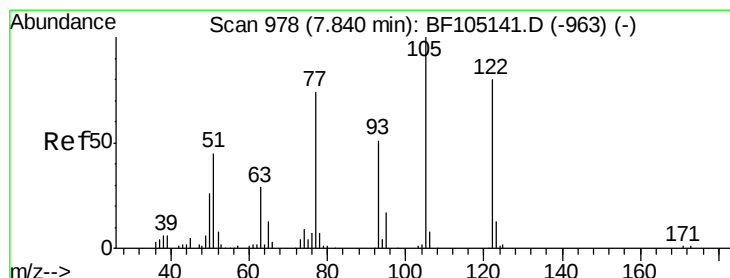
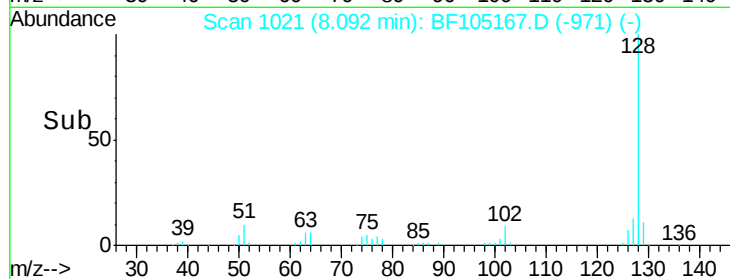
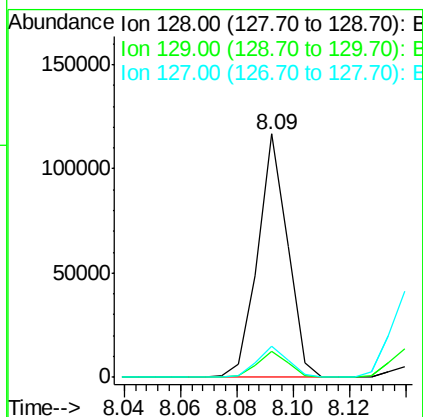
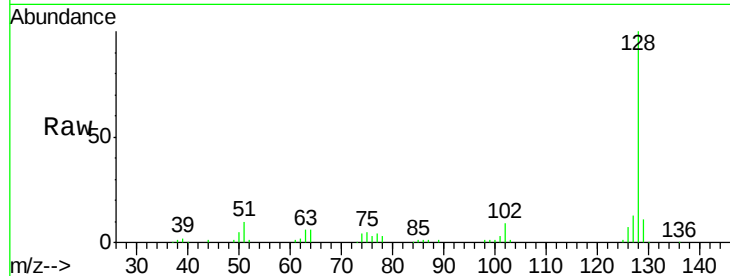
#31
Naphthalene
Concen: 2.338 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.6	10.9	16.3

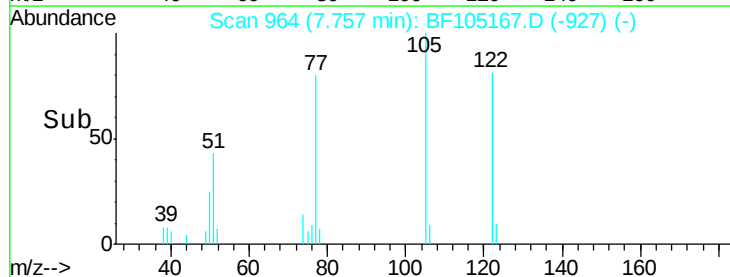
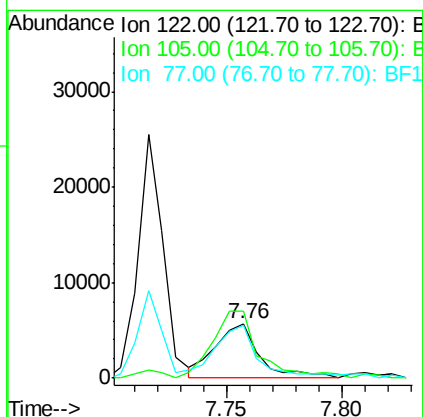
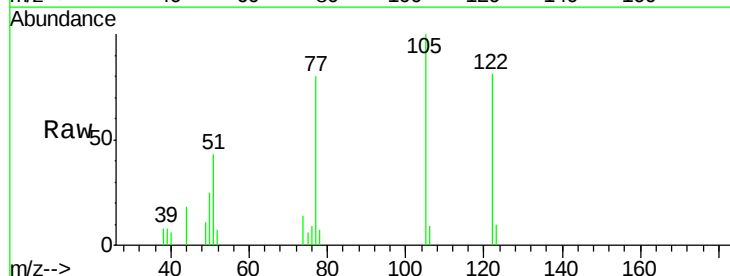
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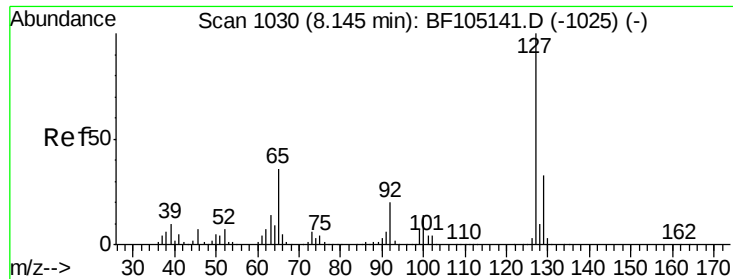
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#32
Benzoic acid
Concen: 10.286 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.08 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	101.1	141.1
77	97.6	70.7	110.7





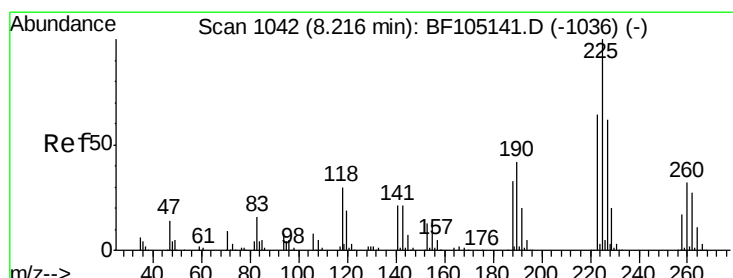
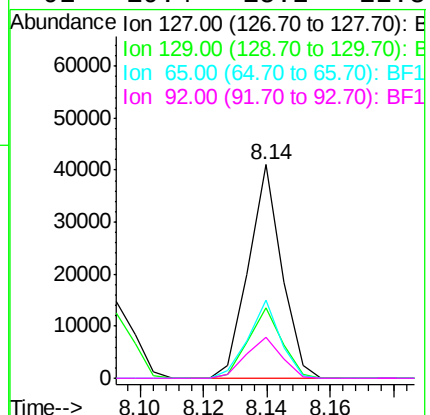
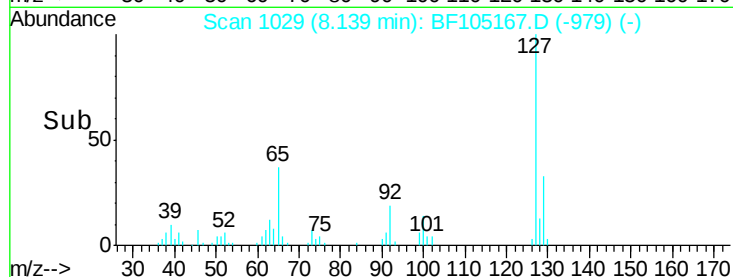
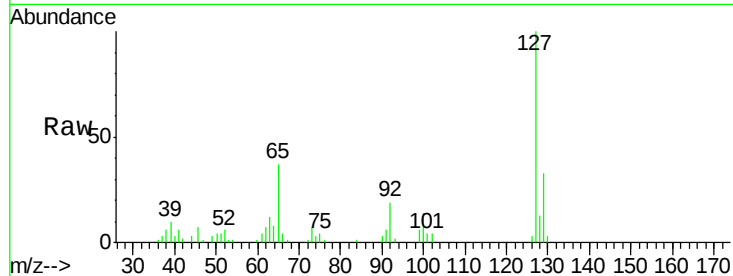
#33
4-Chloroaniline
Concen: 1.968 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.9	25.9	38.9	
65	36.7	25.0	37.4	
92	19.4	15.2	22.8	

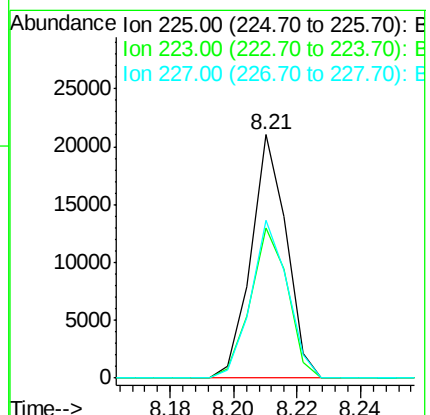
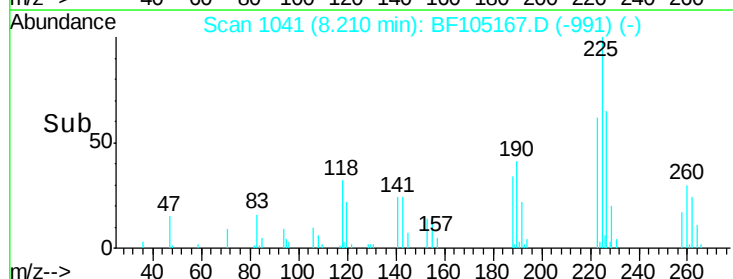
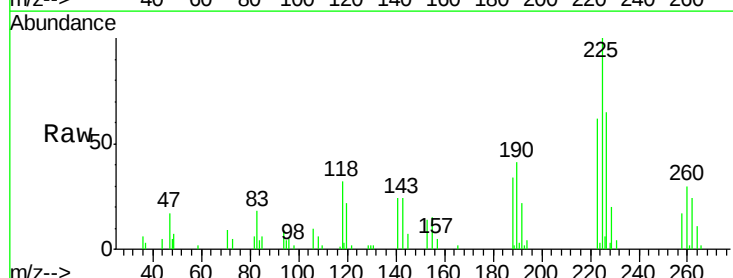
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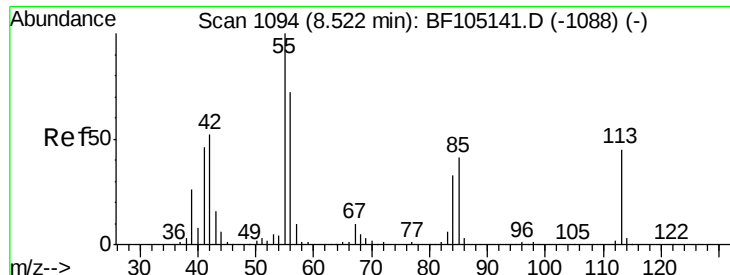
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#34
Hexachlorobutadiene
Concen: 2.334 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.6	76.0	
227	64.7	51.9	77.9	





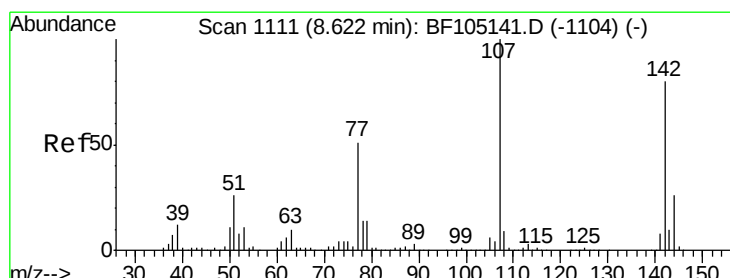
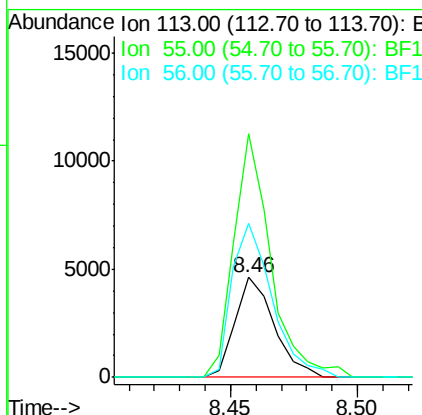
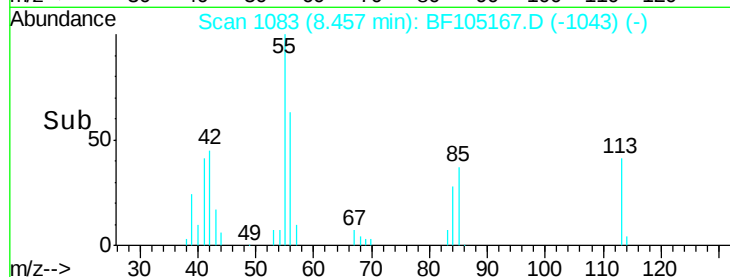
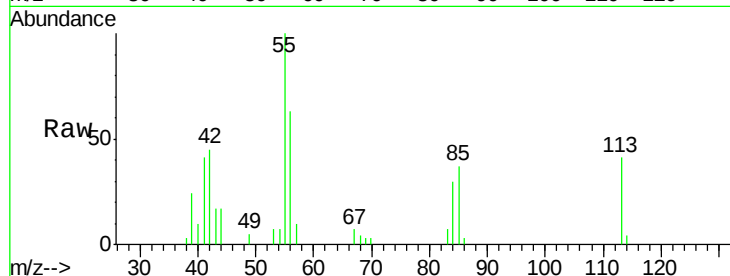
#35
 Caprolactam
 Concen: 1.568 ng
 RT: 8.46 min Scan# 1083
 Delta R.T. -0.06 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	243.7	163.3	203.3#	
56	154.8	115.7	155.7	

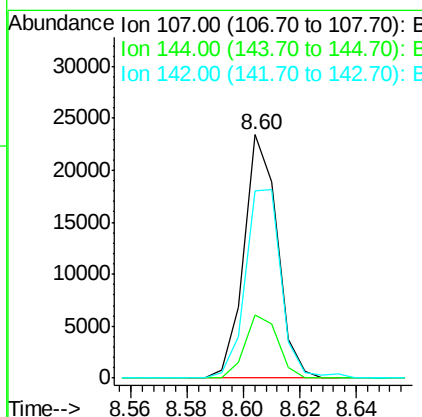
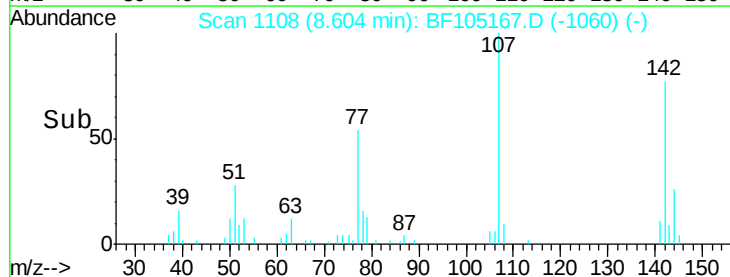
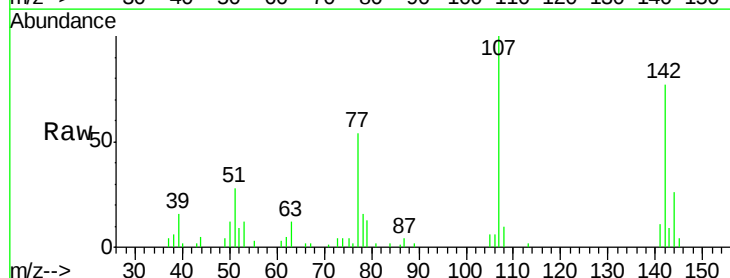
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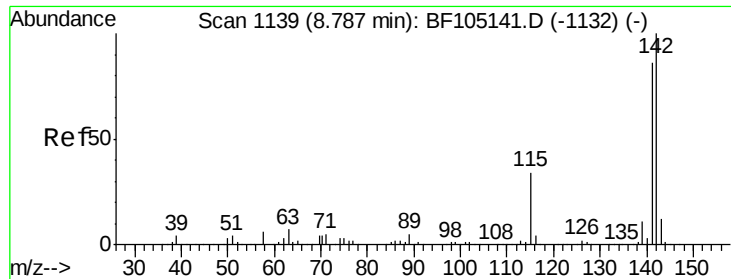
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#36
 4-Chloro-3-methylphenol
 Concen: 1.767 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.02 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.0	20.5	30.7	
142	77.2	62.0	93.0	





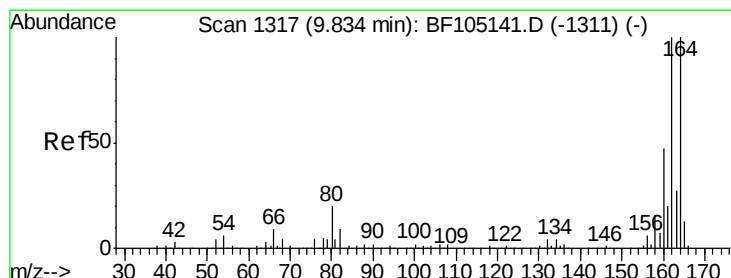
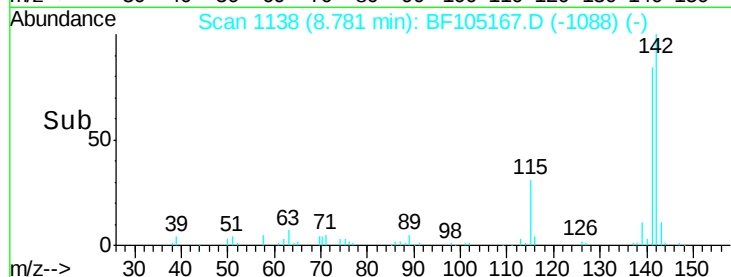
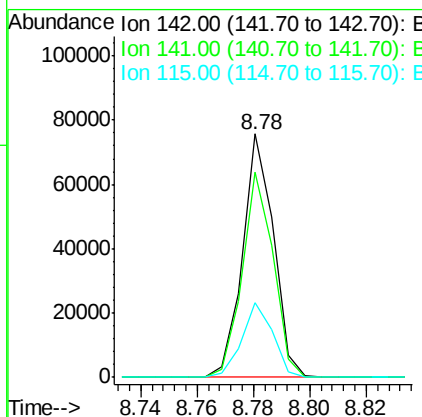
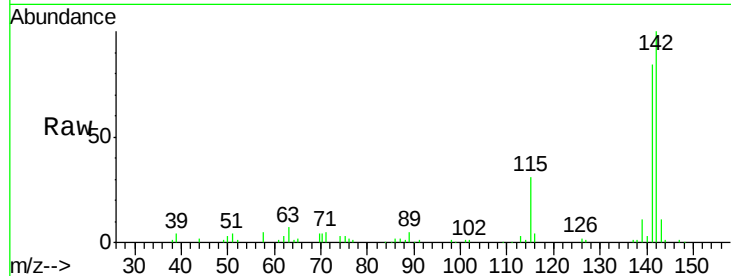
#37
2-Methylnaphthalene
Concen: 2.248 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
142	100		
141	84.4	70.8	106.2
115	30.8	26.1	39.1

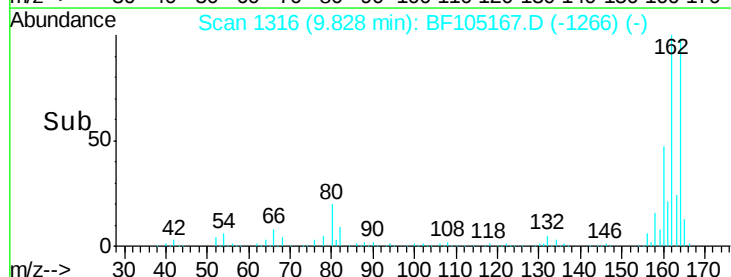
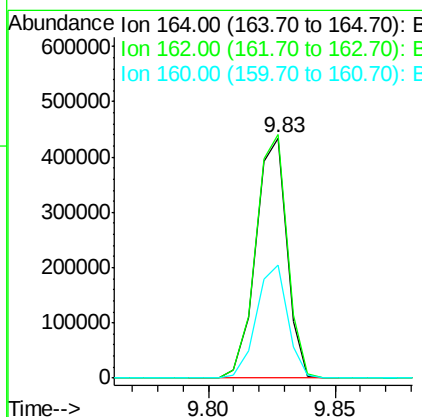
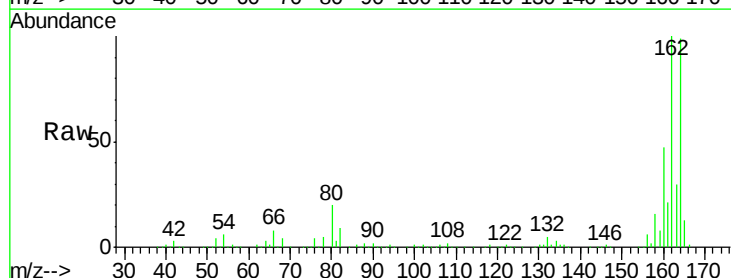
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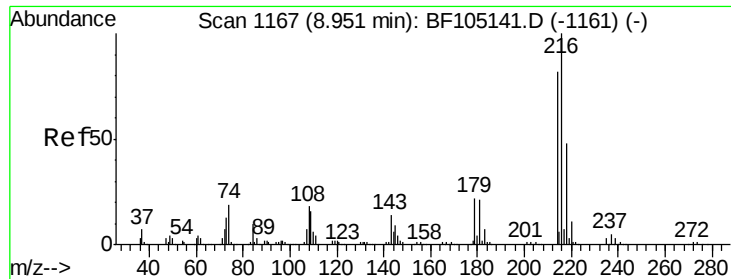
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	86.1	129.1
160	47.3	38.3	57.5





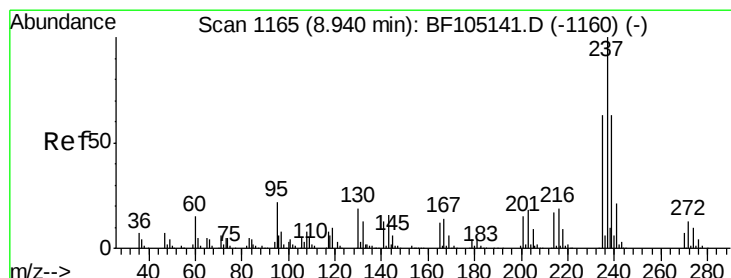
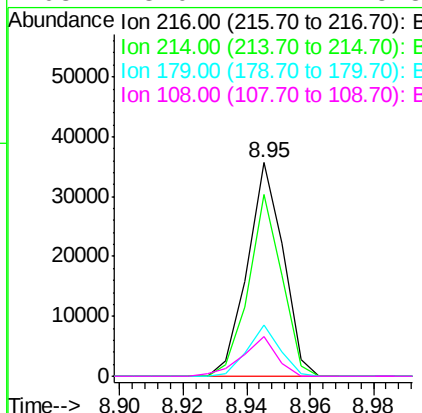
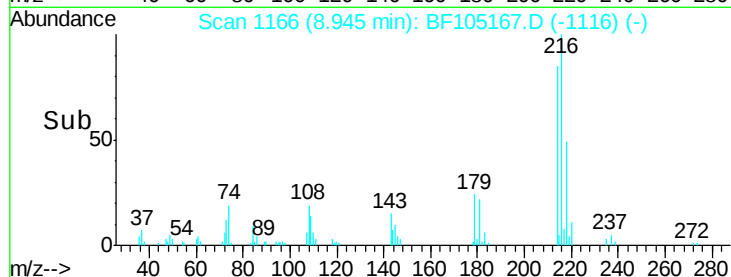
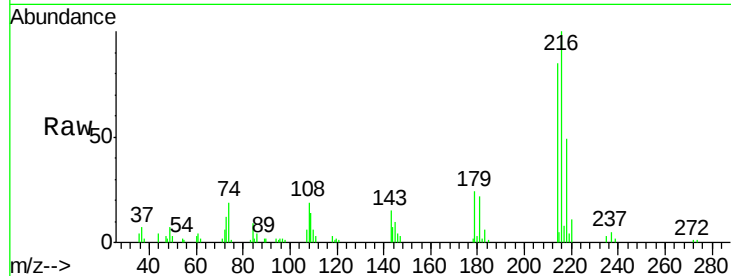
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.351 ng
 RT: 8.95 min Scan# 1166
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:	216	Resp:	27890
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.0	94.4
179	22.0	18.1	27.1
108	18.0	17.2	25.8

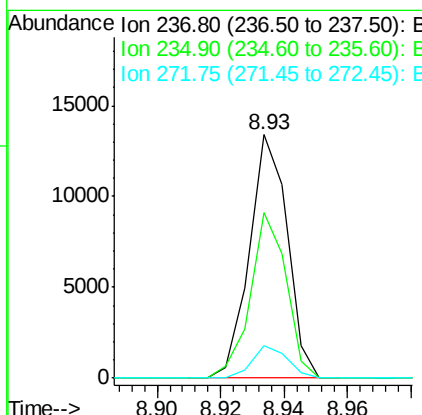
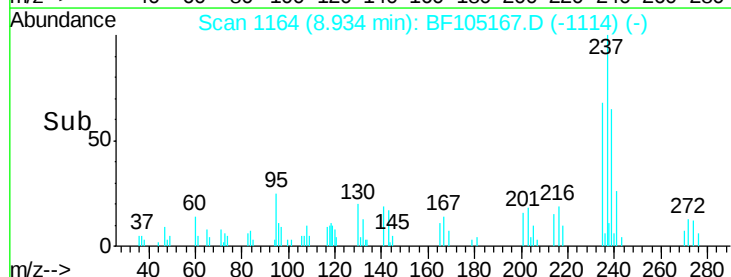
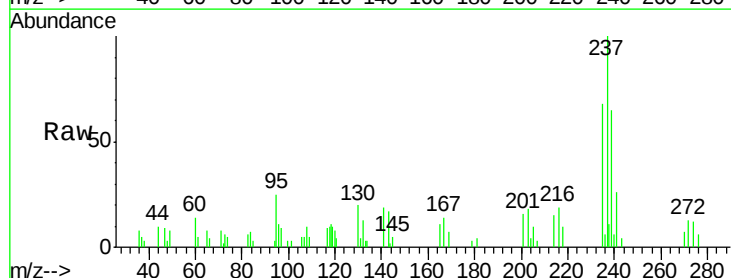
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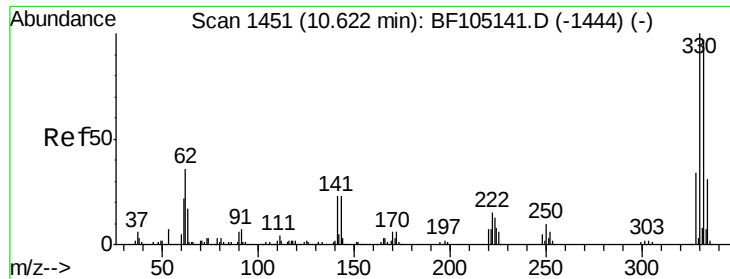
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#40
 Hexachlorocyclopentadiene
 Concen: 1.731 ng
 RT: 8.93 min Scan# 1164
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:	237	Resp:	11102
Ion Ratio	Lower	Upper	
237	100		
235	68.1	44.8	84.8
272	13.5	0.0	33.3





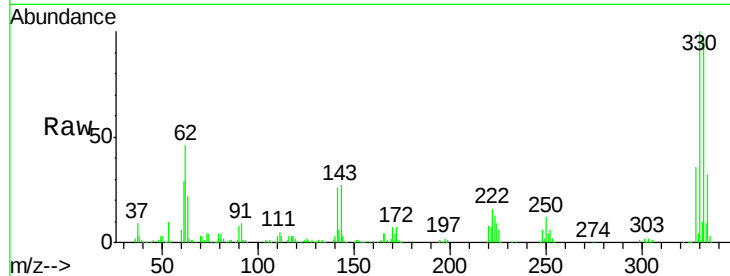
#41
 2,4,6-Tribromophenol
 Concen: 135.684 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

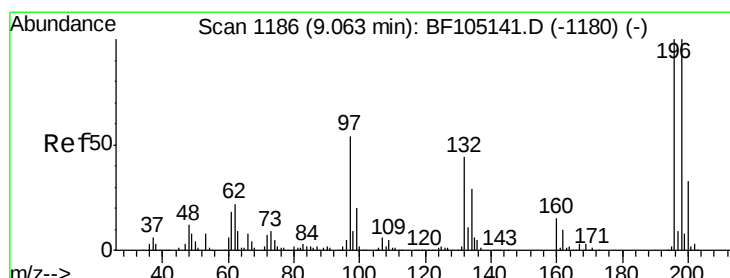
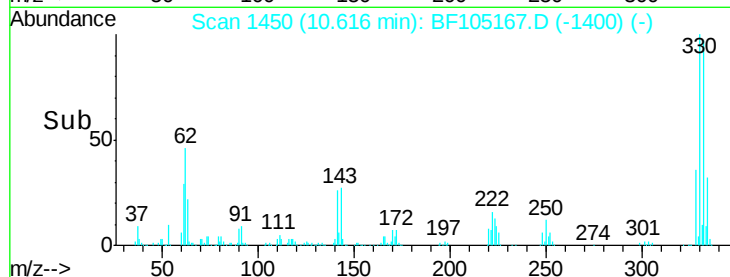
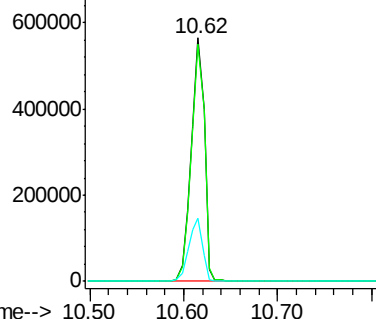
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.9	77.0	115.6	
141	27.0	29.9	44.9	

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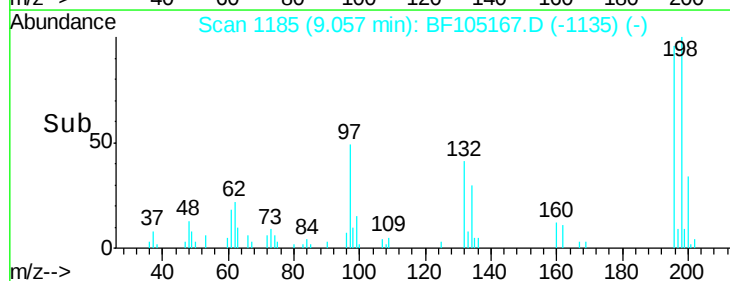
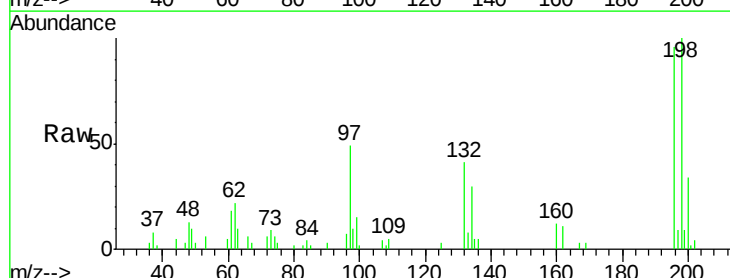
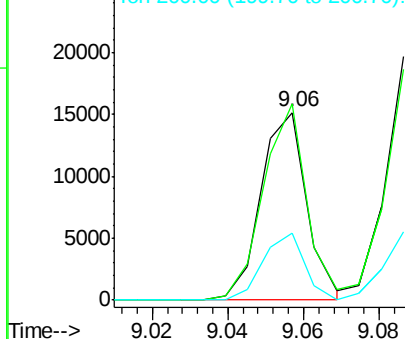
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

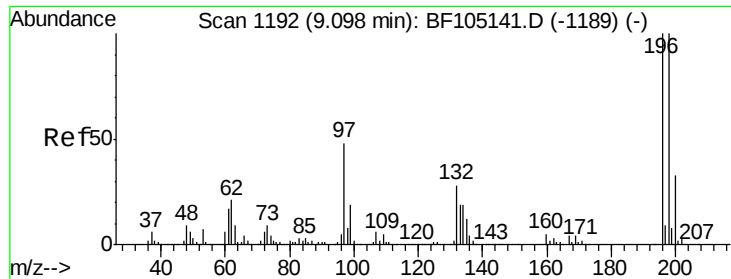


#42
 2,4,6-Trichlorophenol
 Concen: 1.771 ng m
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	104.5	75.7	113.5	
200	35.5	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





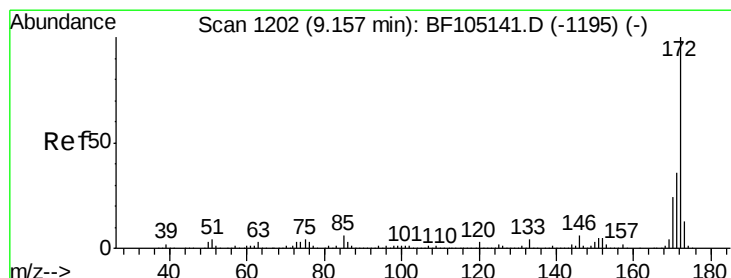
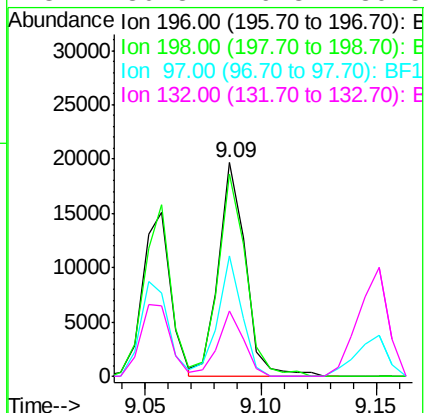
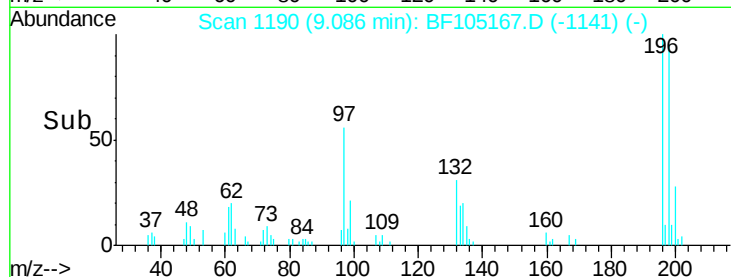
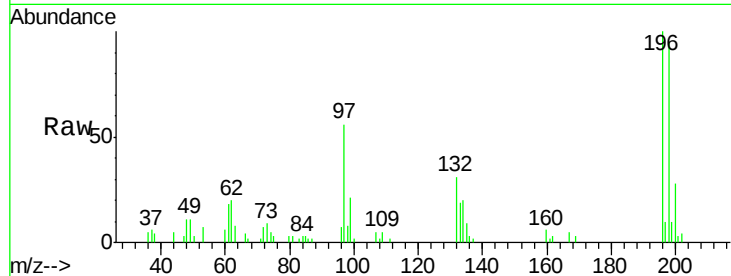
#43
 2,4,5-Trichlorophenol
 Concen: 2.112 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion:	196	Resp:	15975
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	56.3	42.9	64.3
132	30.8	26.3	39.5

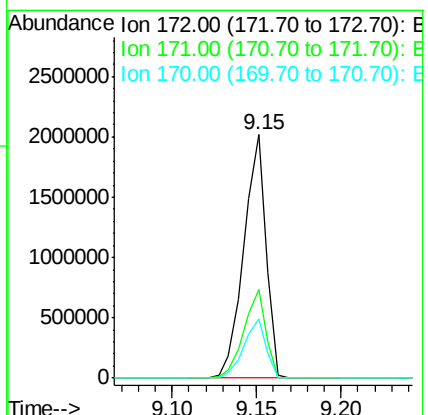
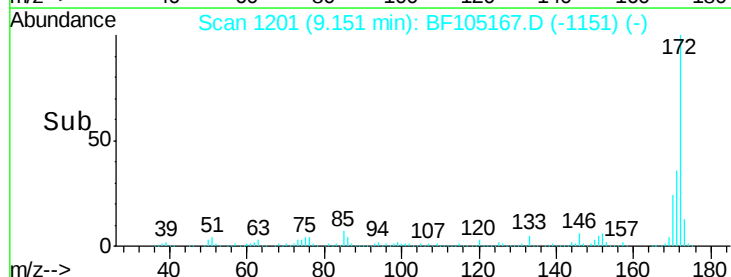
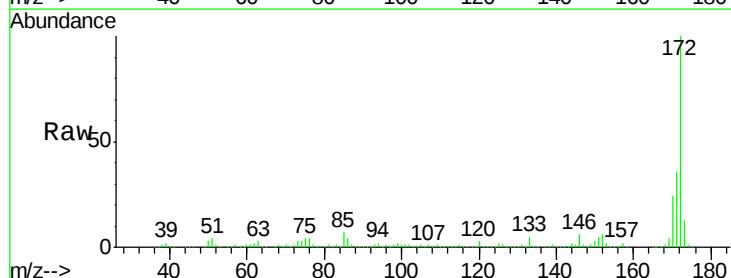
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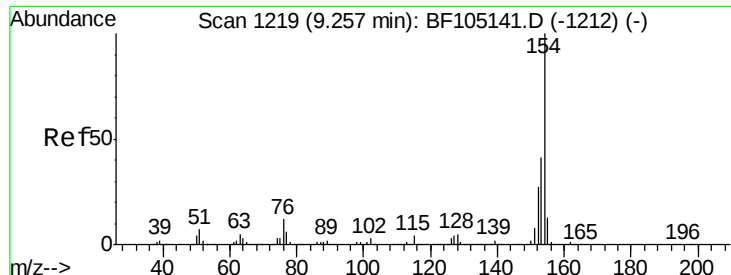
Sohil
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#44
 2-Fluorobiphenyl
 Concen: 77.397 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:	172	Resp:	1858969
Ion Ratio	Lower	Upper	
172	100		
171	36.3	29.7	44.5
170	24.3	19.6	29.4





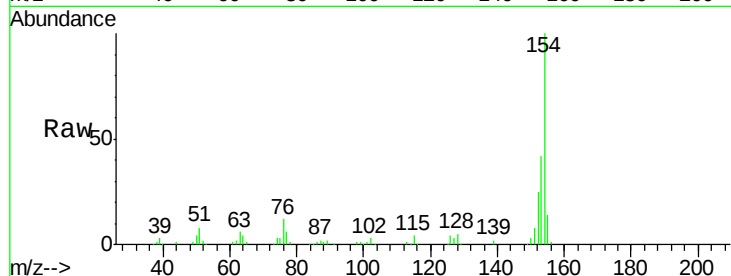
#45
 1,1'-Biphenyl
 Concen: 2.649 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

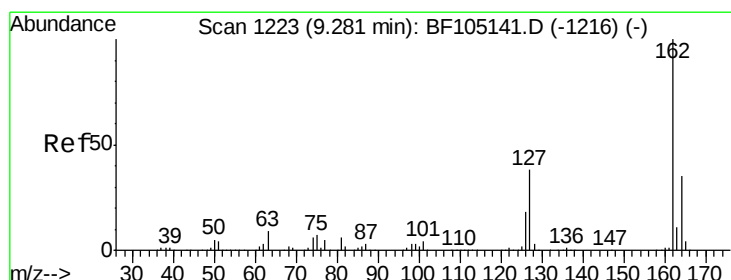
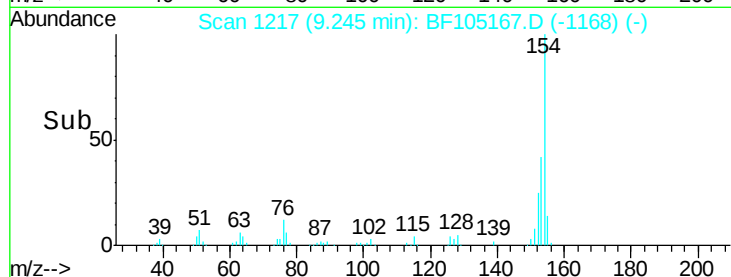
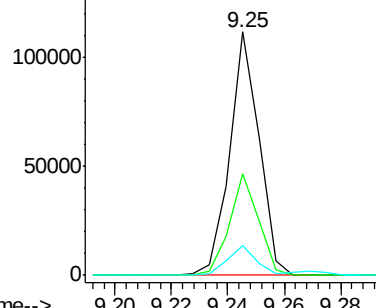
Tot Ion:	154	Resp:	80455
Ion Ratio	Lower	Upper	
154	100		
153	41.5	21.3	61.3
76	12.3	0.0	34.0

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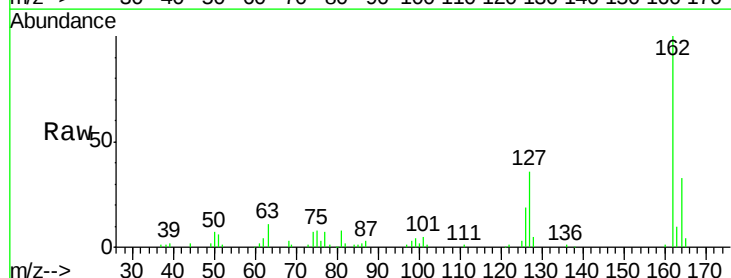


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

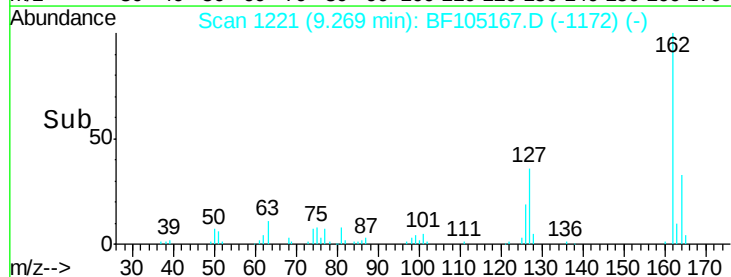
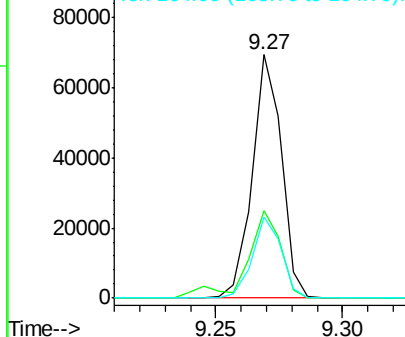


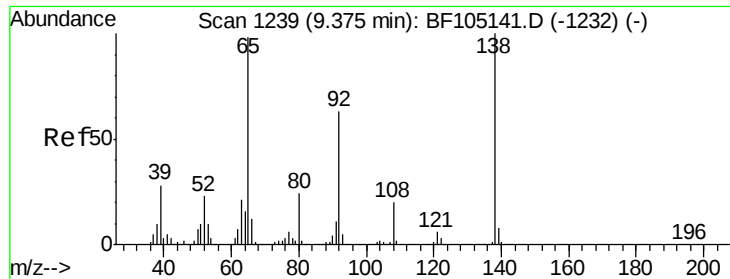
#46
 2-Chloronaphthalene
 Concen: 2.458 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion:	162	Resp:	55800
Ion Ratio	Lower	Upper	
162	100		
127	35.9	33.9	50.9
164	33.1	26.5	39.7



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





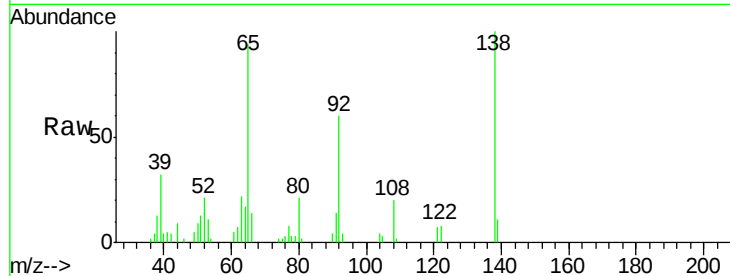
#47
2-Nitroaniline
Concen: 7.203 ng
RT: 9.36 min Scan# 1237
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

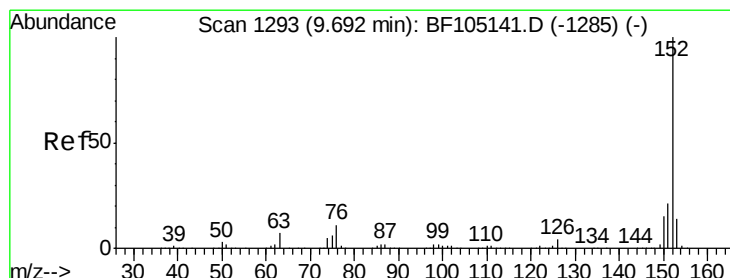
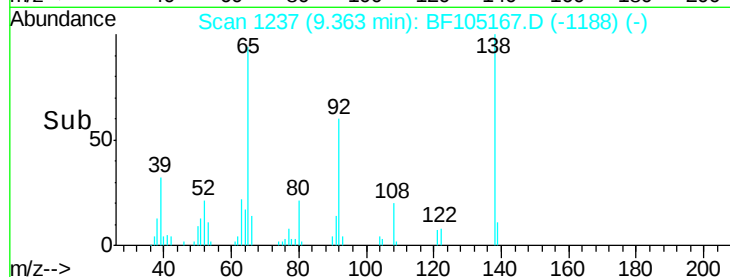
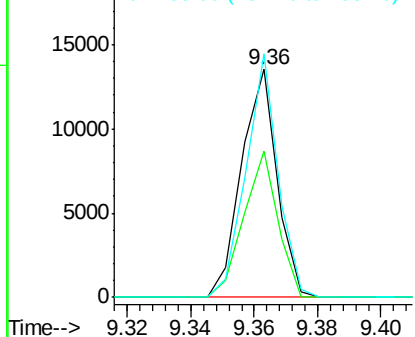
Tot Ion	Ratio	Resp	Lower	Upper
65	100			
92	64.2	55.8	83.6	
138	106.7	91.2	136.8	

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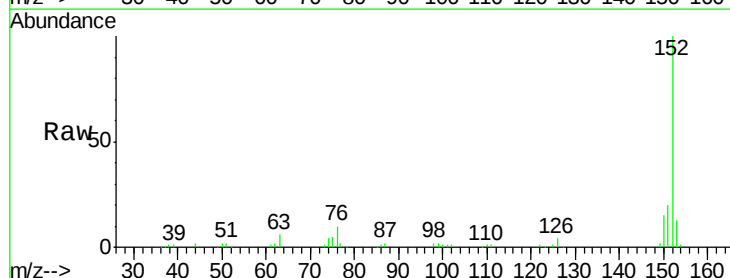


Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): BF1

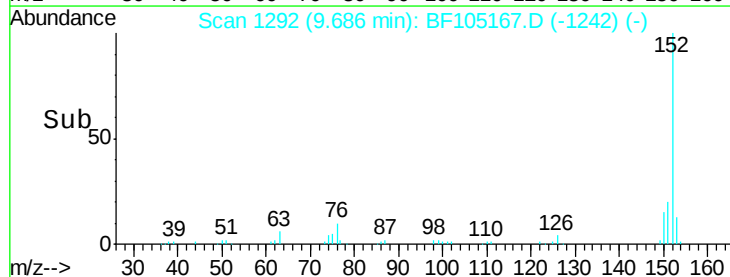
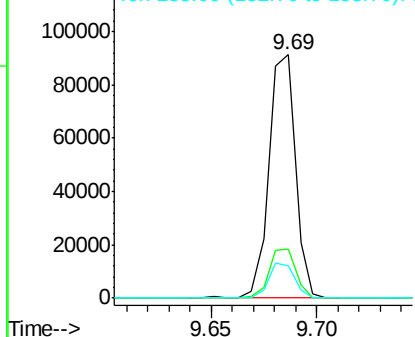


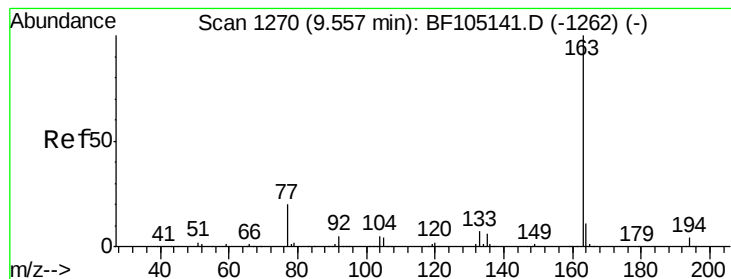
#48
Acenaphthylene
Concen: 2.282 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.1	16.3	24.5	
153	13.3	10.7	16.1	



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 2.336 ng

RT: 9.54 min Scan# 1267

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

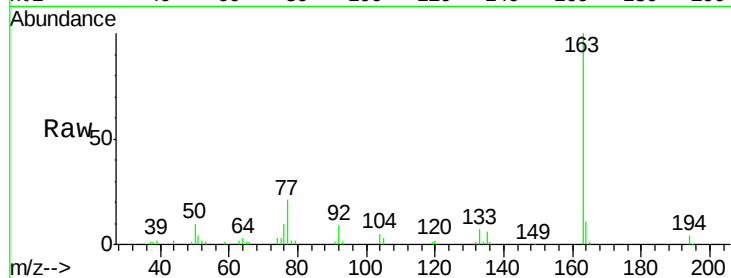
ClientSampleId :

MDL-WATER-03-QT2-2018

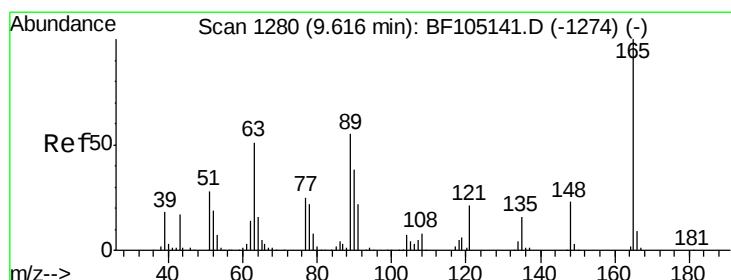
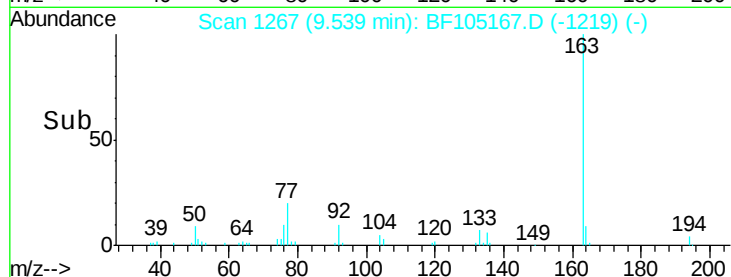
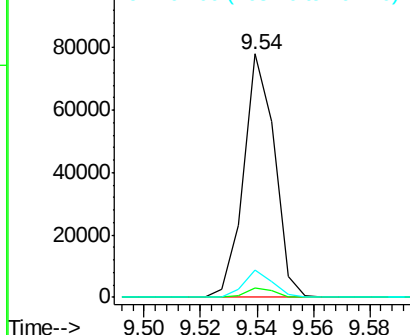
Tot Ion:	163	Resp:	58949
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	11.0	8.2	12.2

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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: 1.939 ng

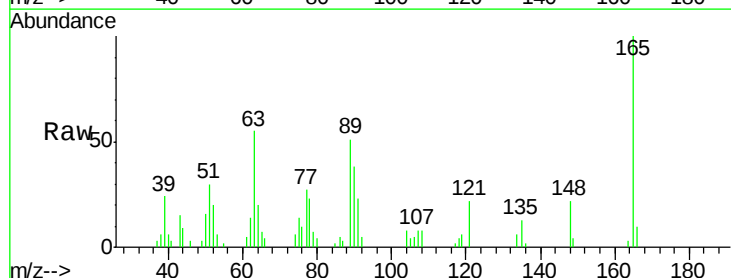
RT: 9.60 min Scan# 1278

Delta R.T. -0.01 min

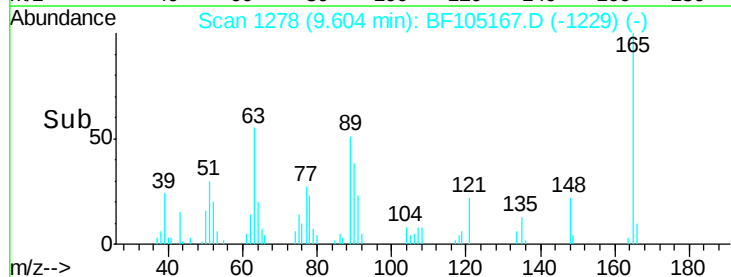
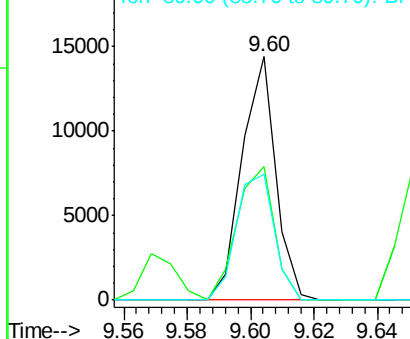
Lab File: BF105167.D

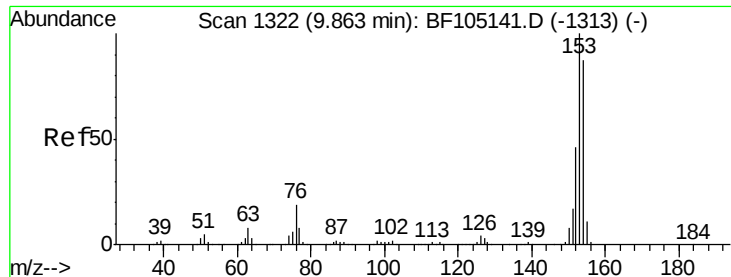
Acq: 9 May 2018 1:38

Tgt Ion:	165	Resp:	10618
Ion Ratio	Lower	Upper	
165	100		
63	54.6	44.7	67.1
89	51.5	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: 2.410 ng

RT: 9.86 min Scan# 1321

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

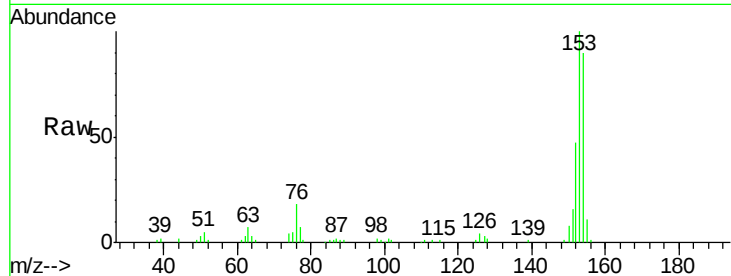
ClientSampleId :

MDL-WATER-03-QT2-2018

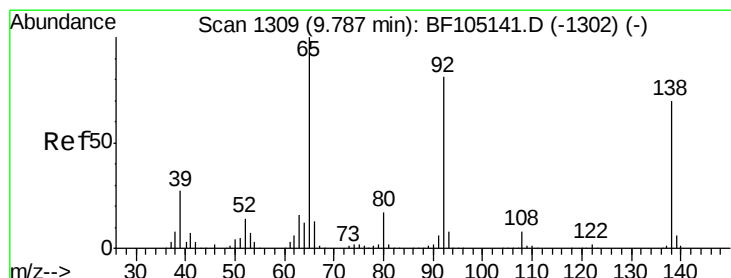
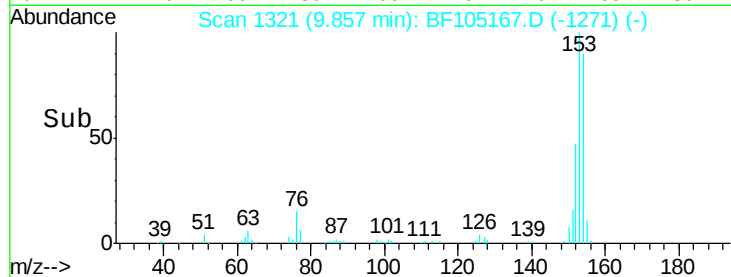
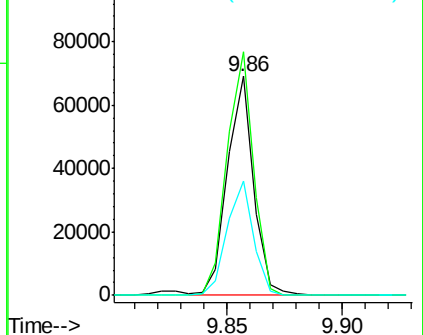
Tot Ion:	154	Resp:	54467
Ion Ratio	Lower	Upper	
154	100		
153	111.2	91.2	136.8
152	52.4	43.8	65.8

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



#52

3-Nitroaniline

Concen: 1.988 ng

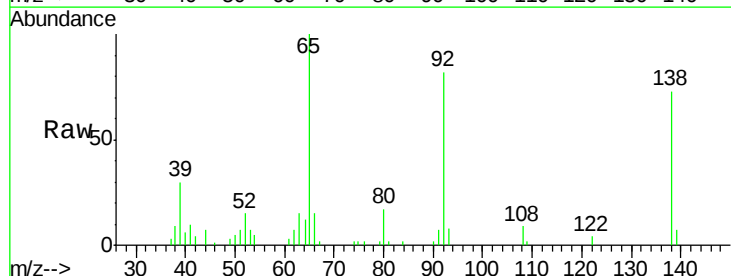
RT: 9.77 min Scan# 1306

Delta R.T. -0.02 min

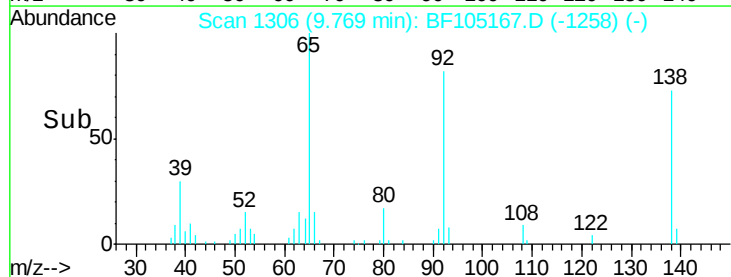
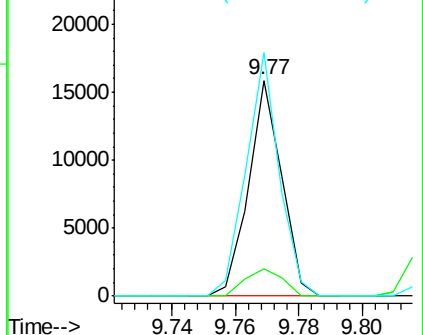
Lab File: BF105167.D

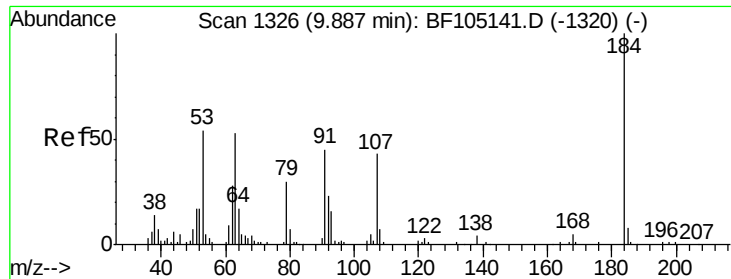
Acq: 9 May 2018 1:38

Tgt Ion:	138	Resp:	11466
Ion Ratio	Lower	Upper	
138	100		
108	12.4	9.4	14.0
92	112.7	89.4	134.2



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





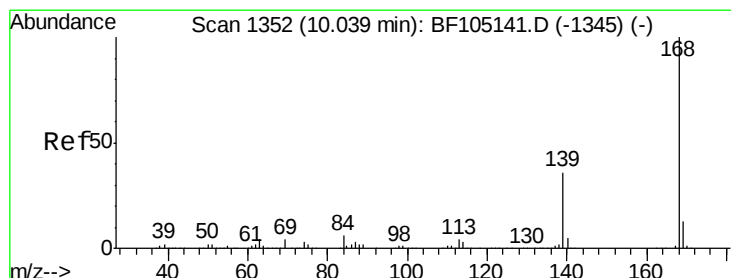
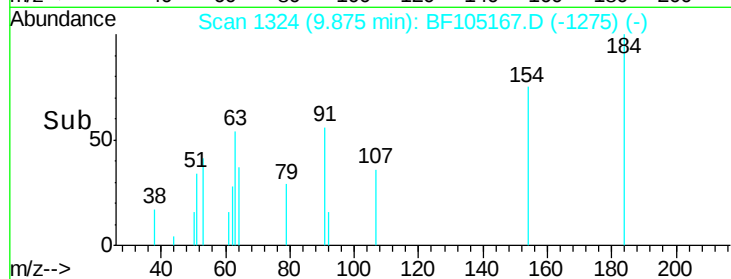
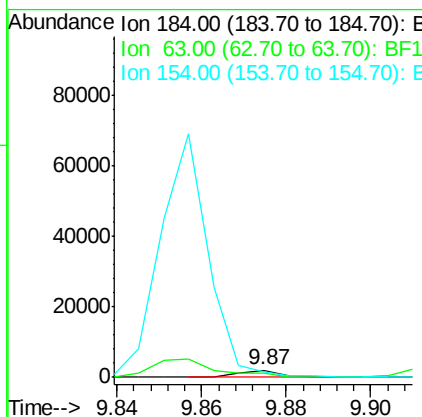
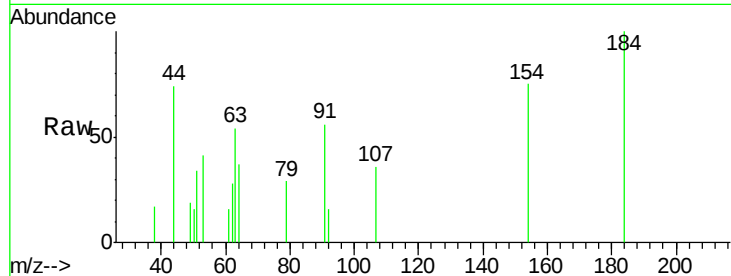
#53
2,4-Dinitrophenol
Concen: 10.251 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion:184 Resp: 1337
Ion Ratio Lower Upper
184 100
63 54.0 54.2 81.2#
154 74.9 184.0 276.0#

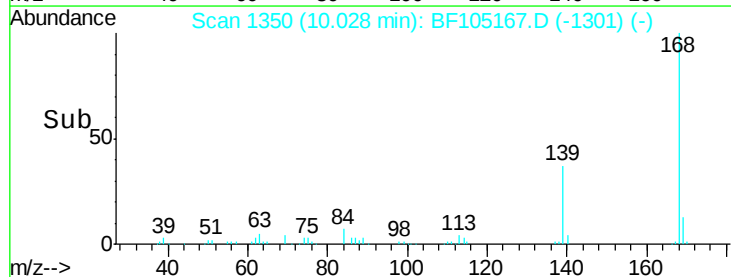
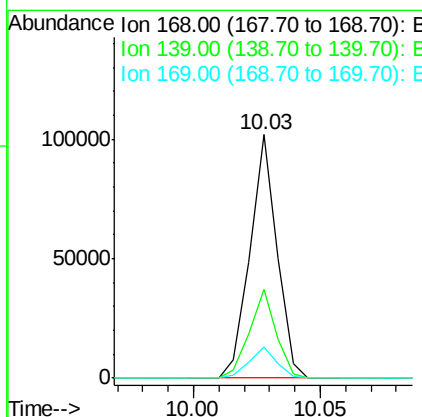
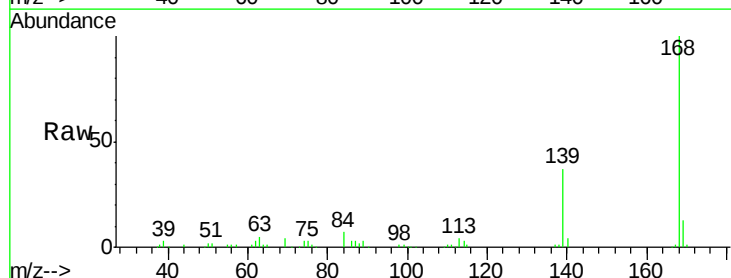
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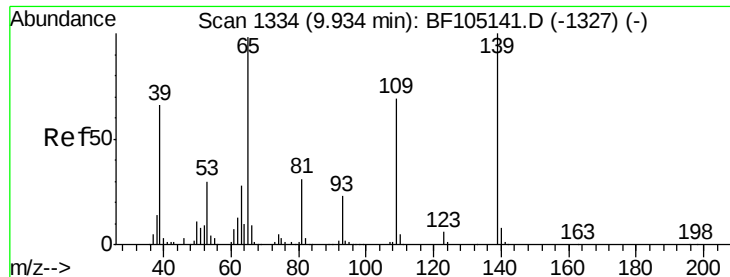
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#54
Dibenzofuran
Concen: 2.296 ng
RT: 10.03 min Scan# 1350
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion:168 Resp: 75894
Ion Ratio Lower Upper
168 100
139 36.7 30.1 45.1
169 12.6 10.9 16.3





#55

4-Nitrophenol

Concen: 5.501 ng

RT: 9.92 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

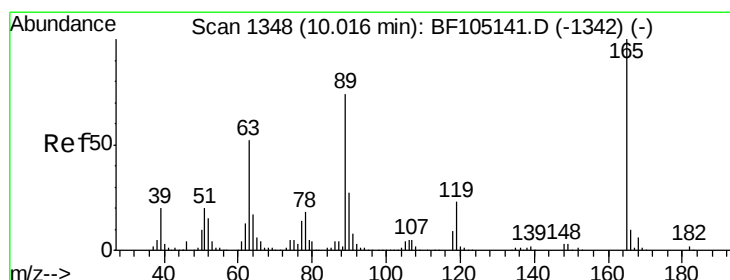
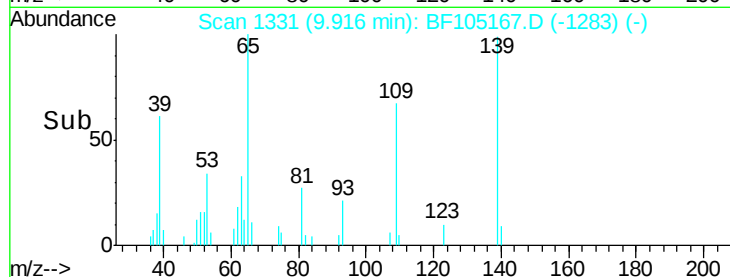
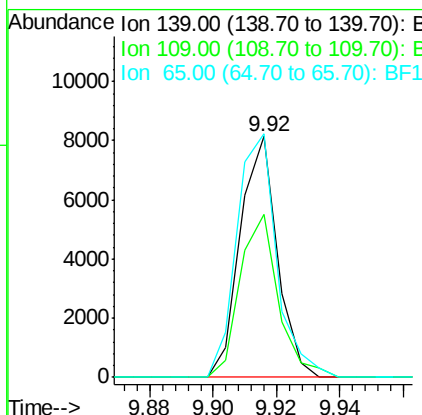
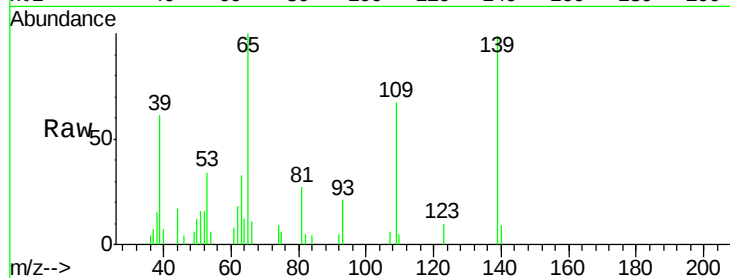
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	139	Resp:	6588
Ion Ratio	Lower	Upper	
139	100		
109	67.6	48.4	88.4
65	101.3	72.6	112.6

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#56

2,4-Dinitrotoluene

Concen: 5.070 ng

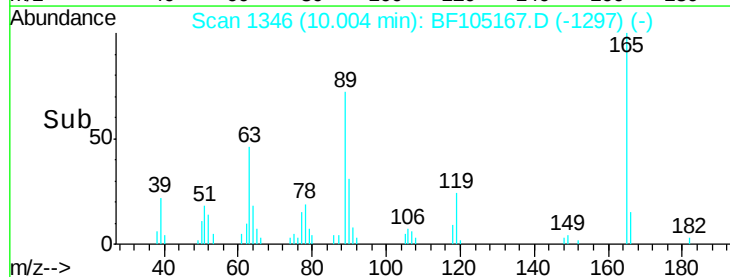
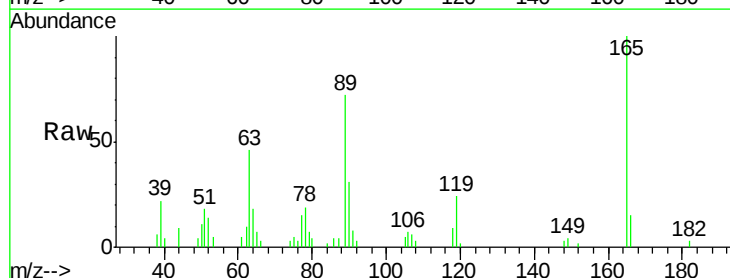
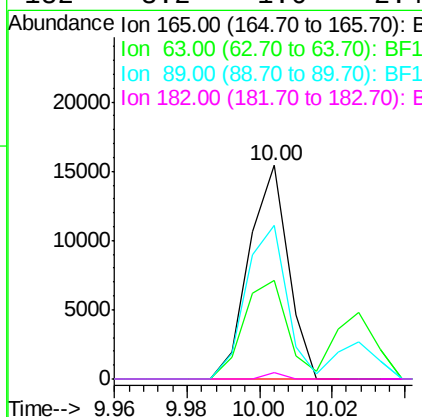
RT: 10.00 min Scan# 1346

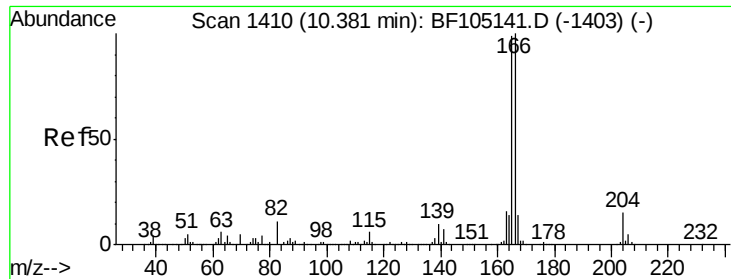
Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion:	165	Resp:	11507
Ion Ratio	Lower	Upper	
165	100		
63	46.3	36.4	54.6
89	71.8	57.8	86.6
182	3.2	1.6	2.4#





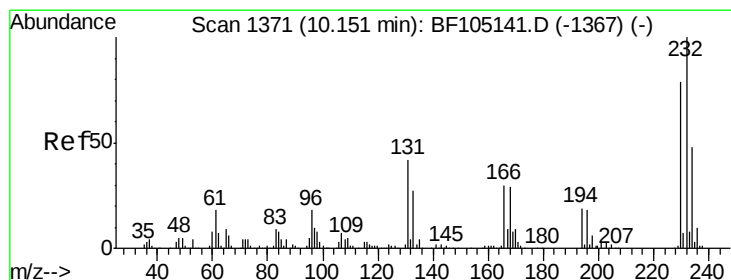
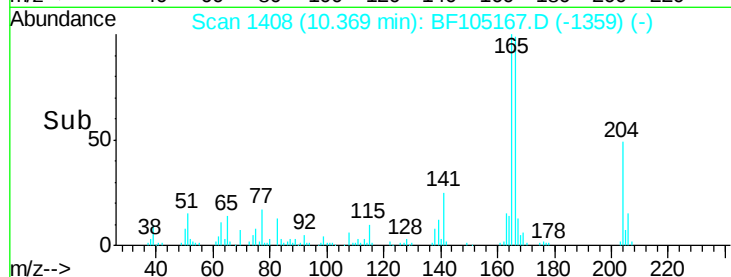
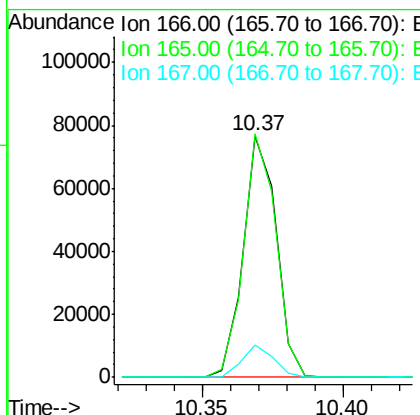
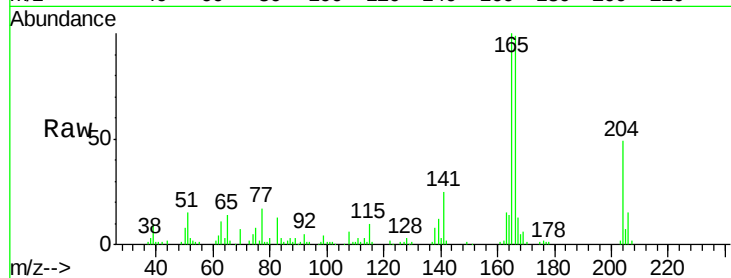
#57
 Fluorene
 Concen: 2.566 ng
 RT: 10.37 min Scan# 1408
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	100.9	79.8	119.8		
167	13.5	10.6	16.0		

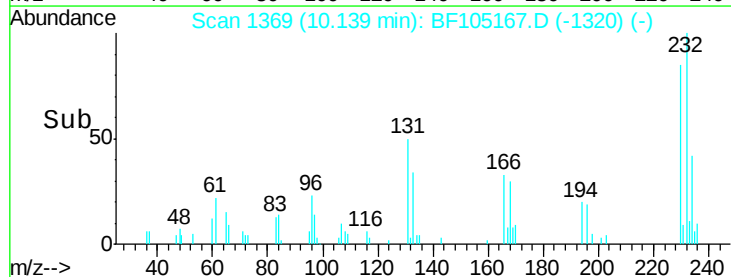
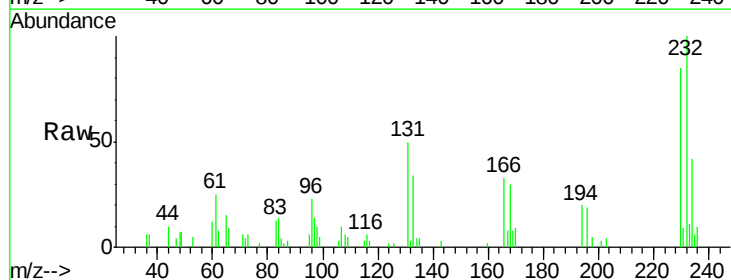
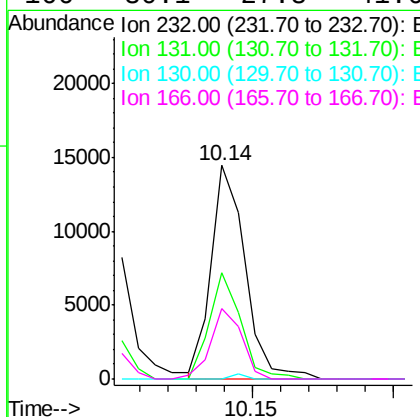
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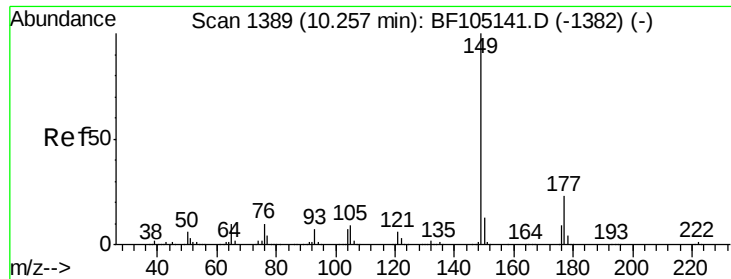
Sohil
 5/9/2018 6:51:10 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 1.798 ng
 RT: 10.14 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
232	100				
131	46.5	43.8	65.8		
130	0.9	2.1	3.1#		
166	30.1	27.8	41.6		





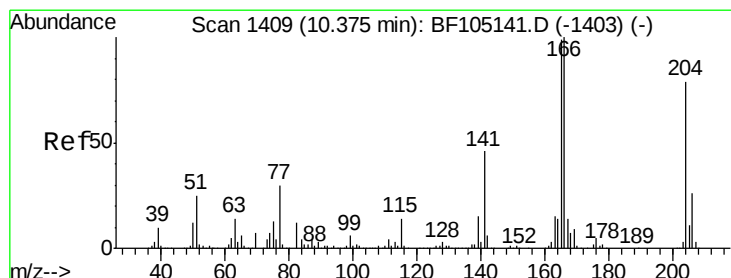
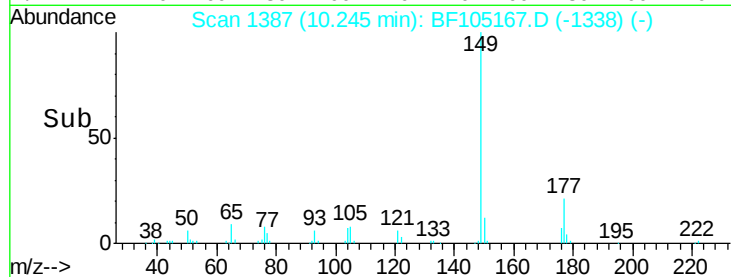
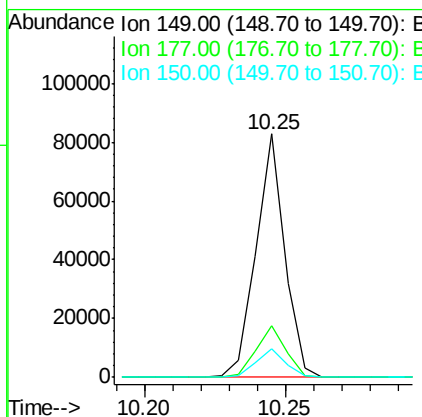
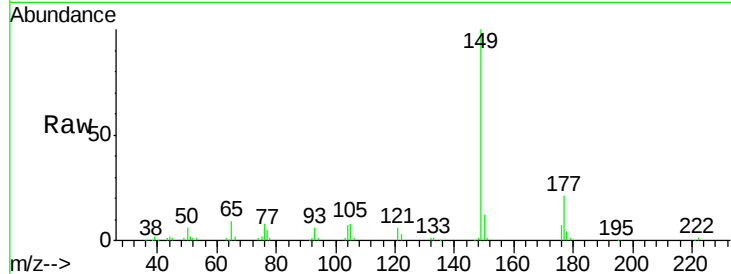
#59
Diethylphthalate
Concen: 2.348 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.4	16.1	24.1
150	11.9	10.1	15.1

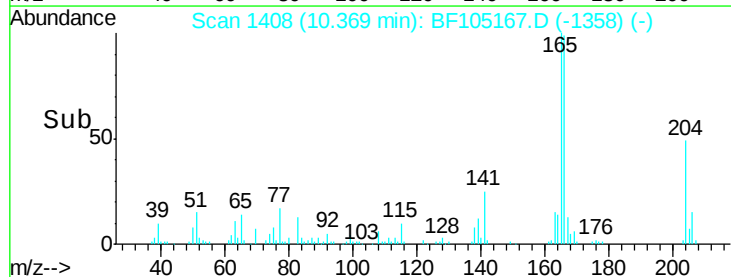
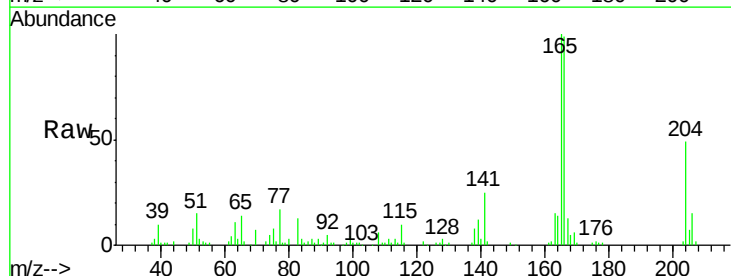
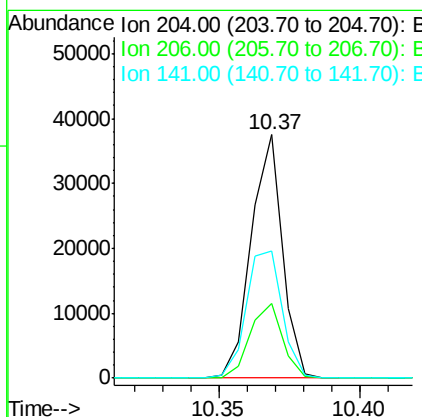
Manual Integrations
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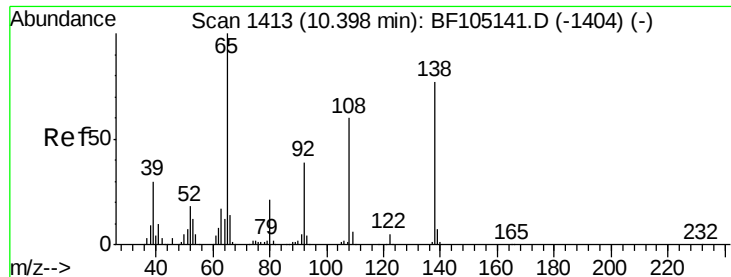
Sohil
5/9/2018 6:51:10 PM



#60
4-Chlorophenyl-phenylether
Concen: 2.560 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
204	100		
206	30.6	26.5	39.7
141	52.0	54.6	81.8#





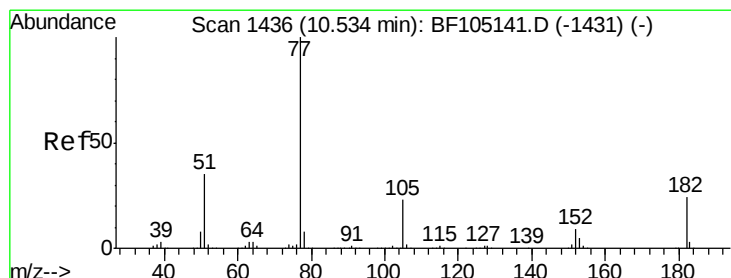
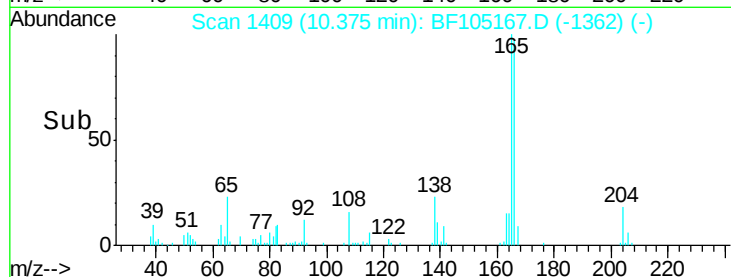
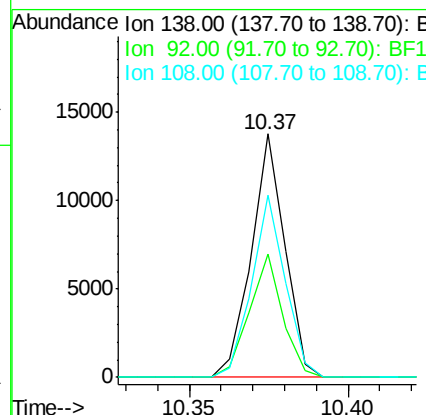
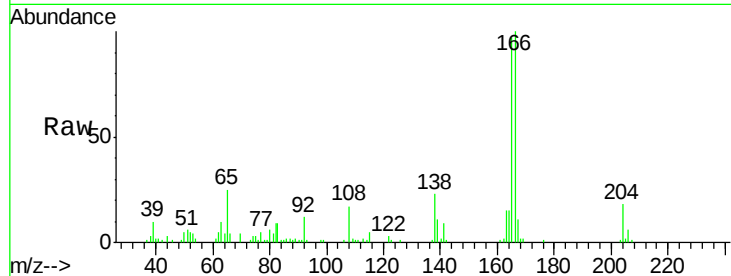
#61
4-Nitroaniline
Concen: 1.758 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
138	100		
92	50.7	30.2	70.2
108	74.8	52.5	92.5

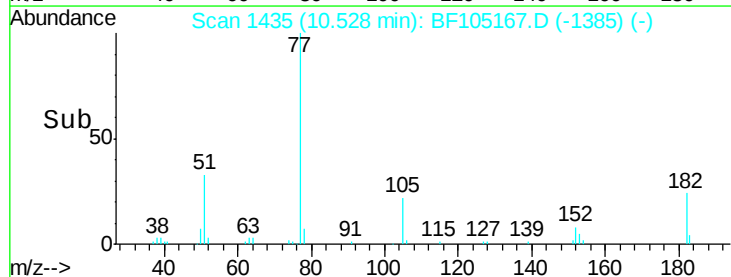
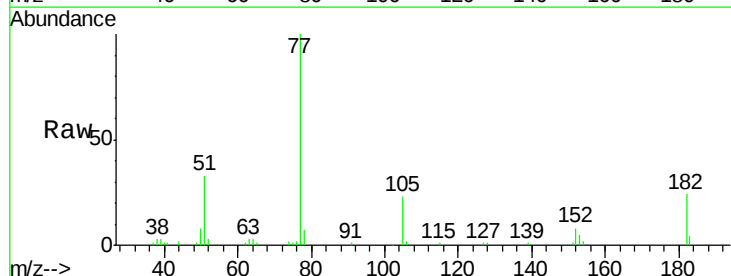
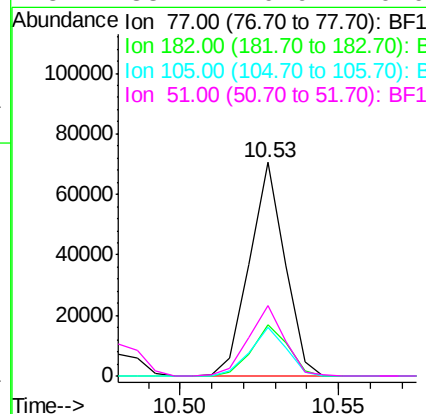
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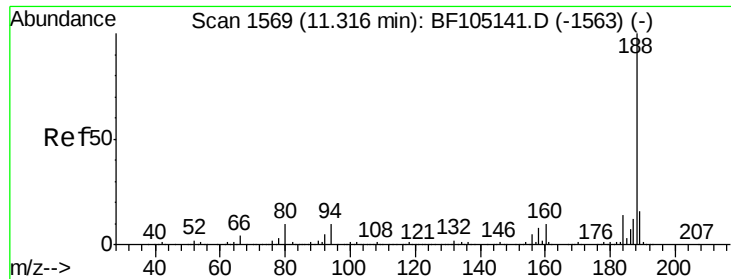
Sohil
5/9/2018 6:51:10 PM



#62
Azobenzene
Concen: 2.113 ng
RT: 10.53 min Scan# 1435
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
77	100		
182	24.2	1.7	41.7
105	22.8	3.0	43.0
51	33.2	9.9	49.9





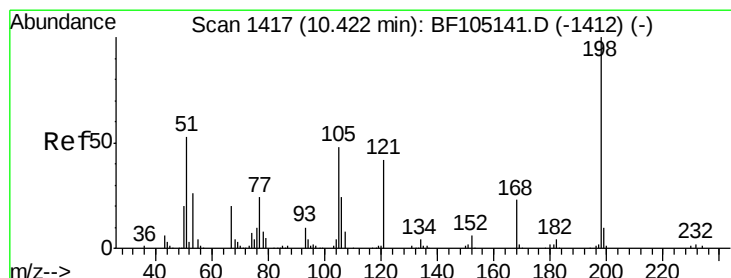
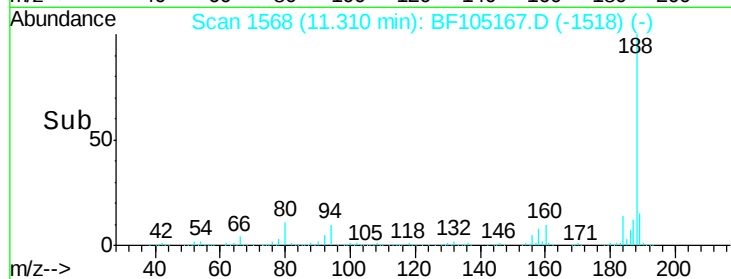
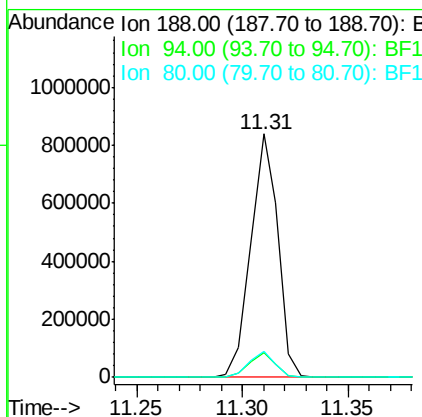
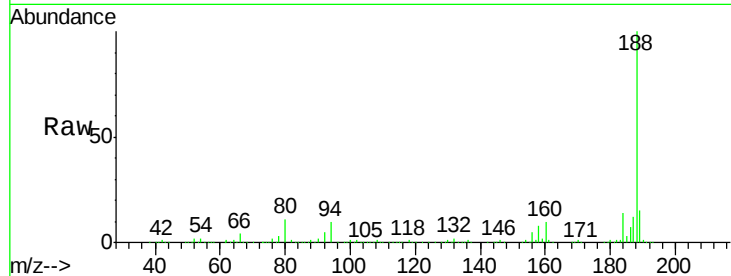
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
188	100	747450		
94	9.9		8.5	12.7
80	10.7		9.2	13.8

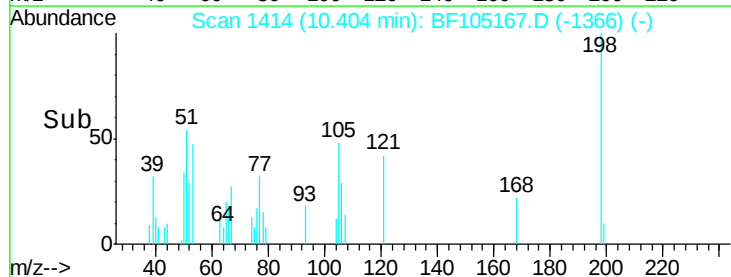
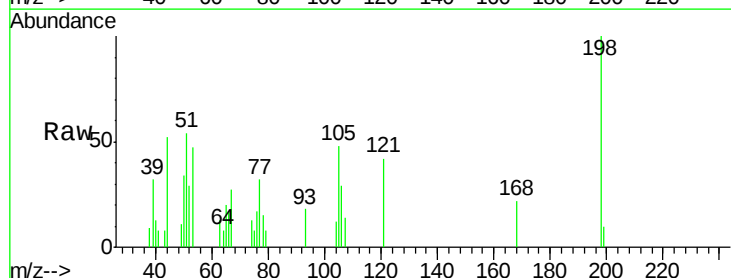
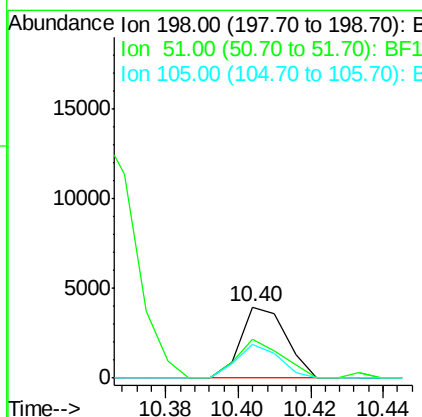
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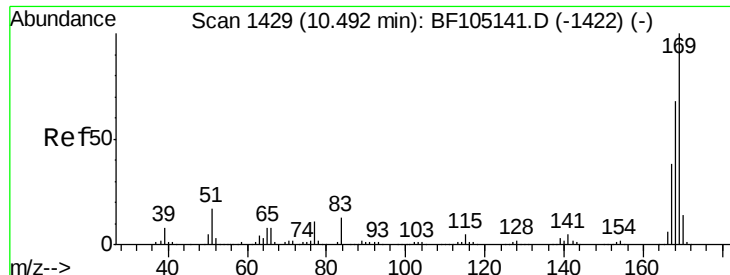
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 10.043 ng
RT: 10.40 min Scan# 1414
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	3427		
51	54.2		37.7	77.7
105	47.6		36.3	76.3





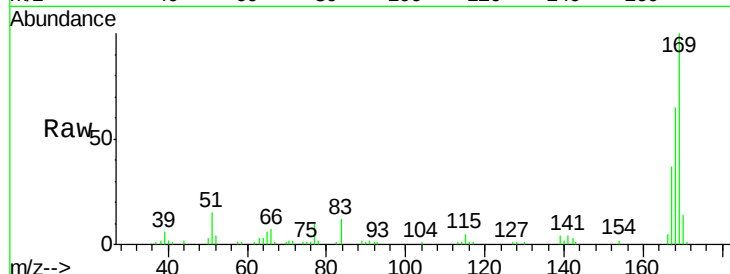
#65
 n-Nitrosodiphenylamine
 Concen: 2.190 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

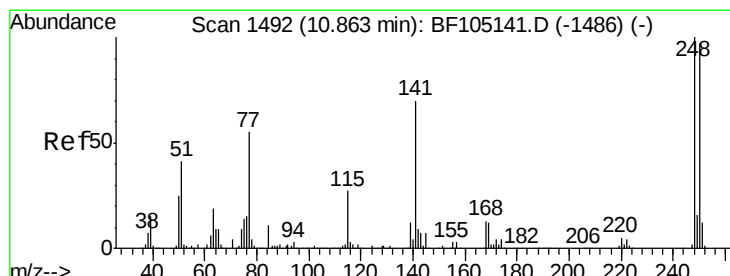
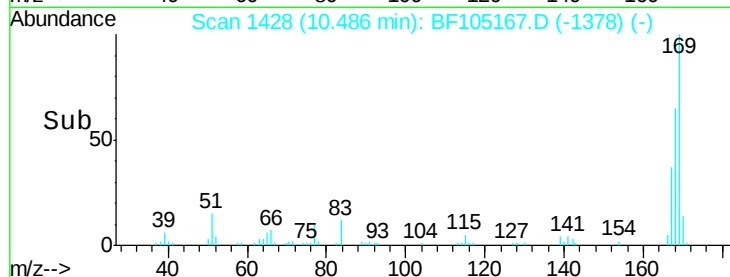
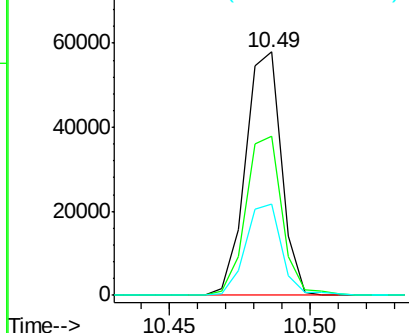
Tot Ion	Ion	Ratio	Resp	Lower	Upper
169	100		51015		
168	65.3	54.4	81.6		
167	37.5	29.8	44.6		

Manual Integrations
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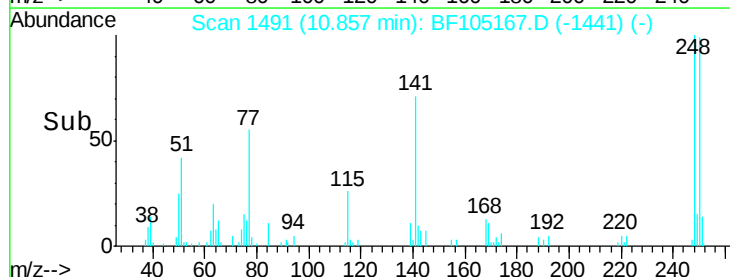
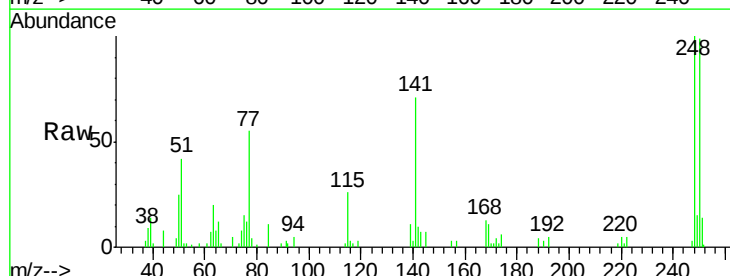
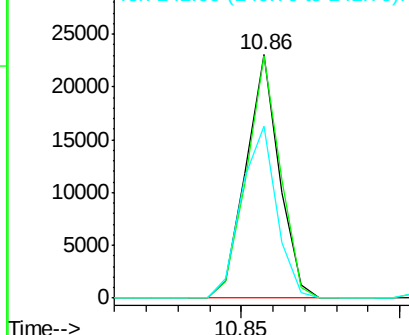
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

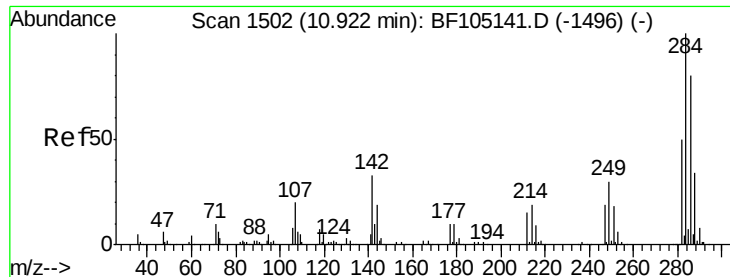


#66
 4-Bromophenyl-phenylether
 Concen: 2.109 ng
 RT: 10.86 min Scan# 1491
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
248	100		16813		
250	99.3	76.9	115.3		
141	70.6	74.4	111.6#		

Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





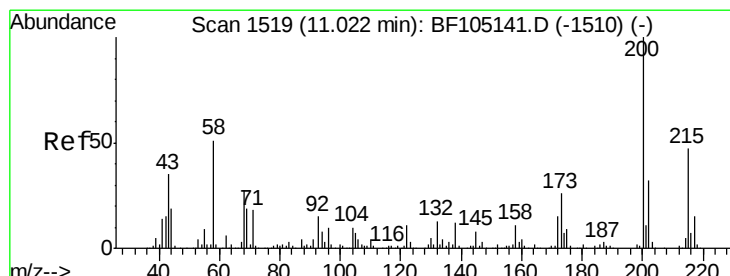
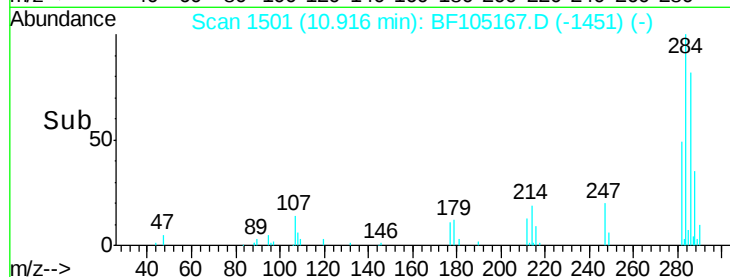
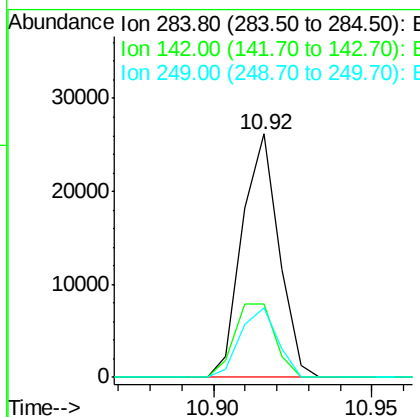
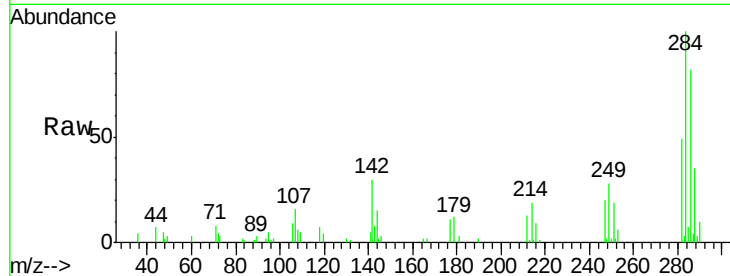
#67
Hexachlorobenzene
Concen: 2.286 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
284	100	20999		
142	30.3		34.6	52.0#
249	28.4		24.8	37.2

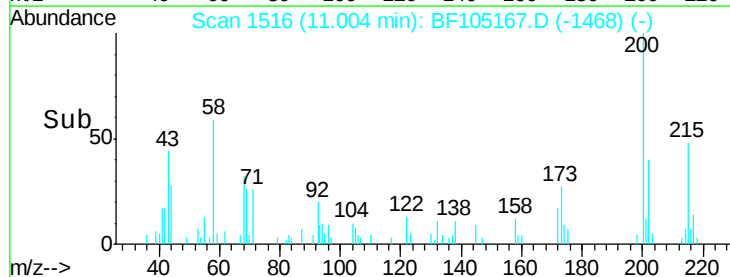
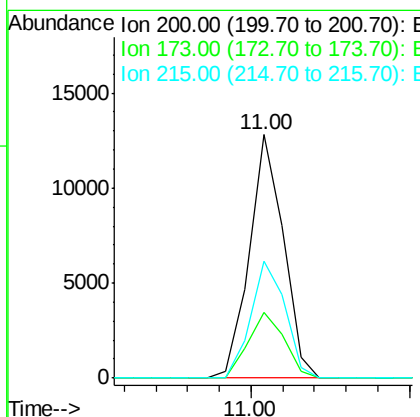
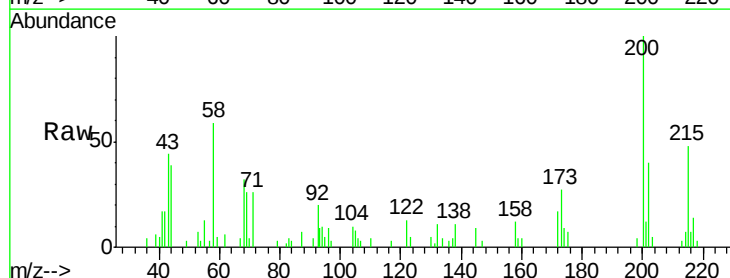
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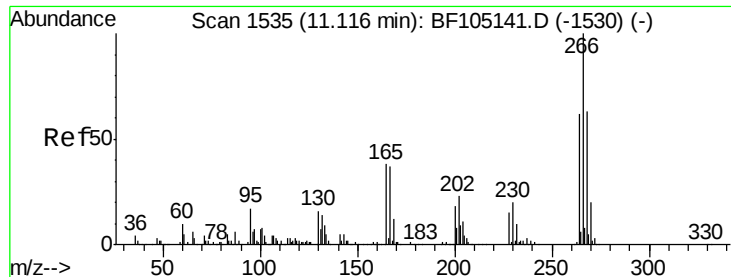
Sohil
5/9/2018 6:51:10 PM



#68
Atrazine
Concen: 1.306 ng
RT: 11.00 min Scan# 1516
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	9538		
173	27.0		8.6	48.6
215	47.9		25.1	65.1





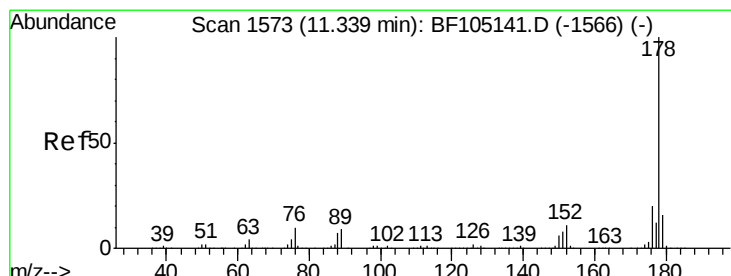
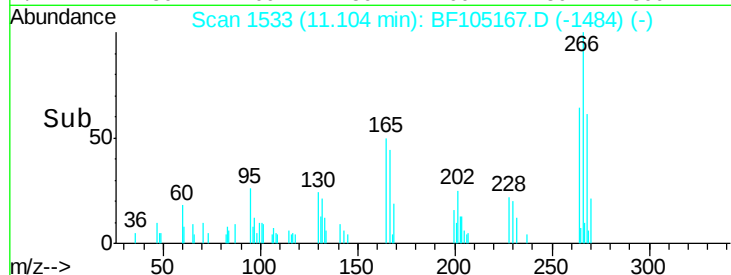
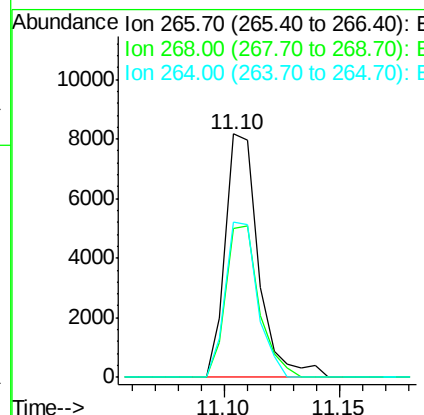
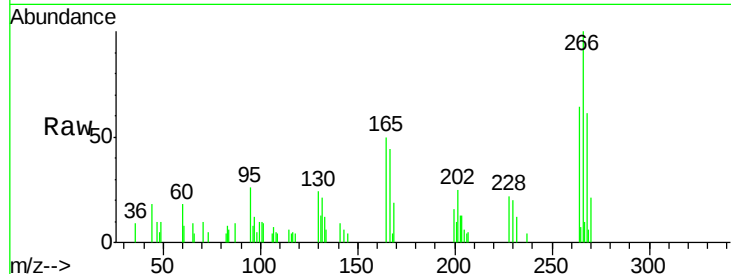
#69
 Pentachlorophenol
 Concen: 4.674 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	51.1	76.7
264	63.5	49.5	74.3

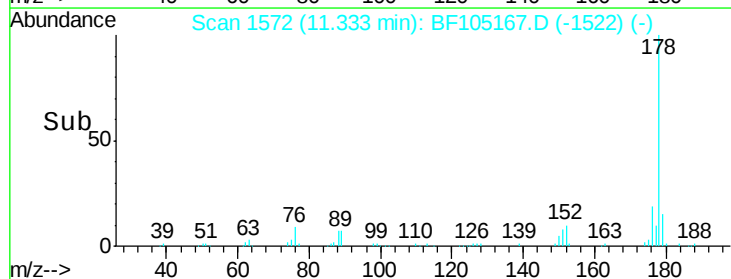
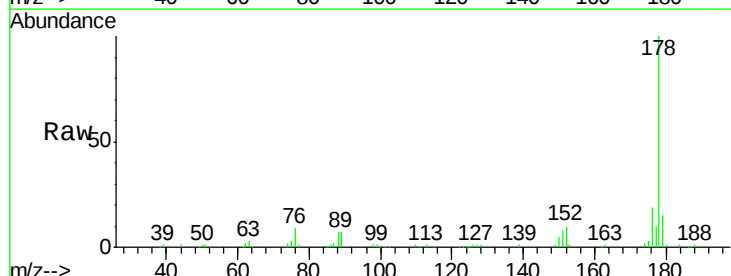
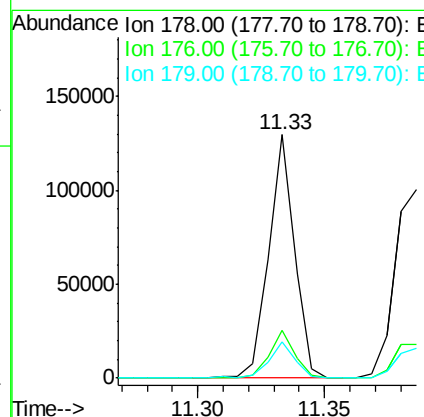
Manual Integrations
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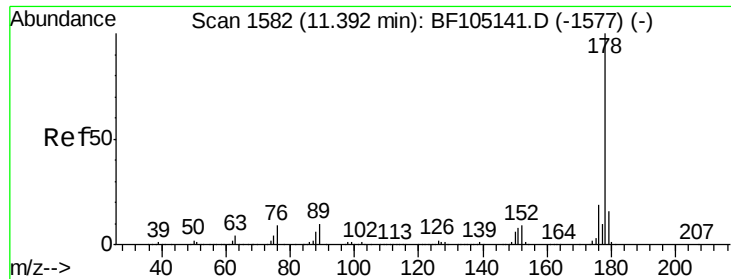
Sohil
 5/9/2018 6:51:10 PM



#70
 Phenanthrene
 Concen: 2.353 ng
 RT: 11.33 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.8	23.8
179	14.7	13.0	19.6





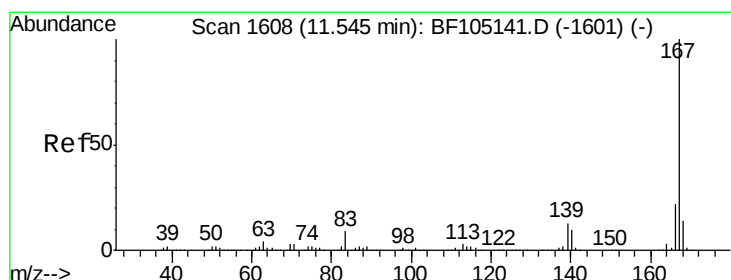
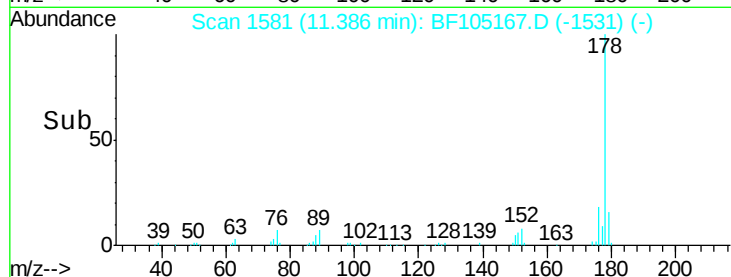
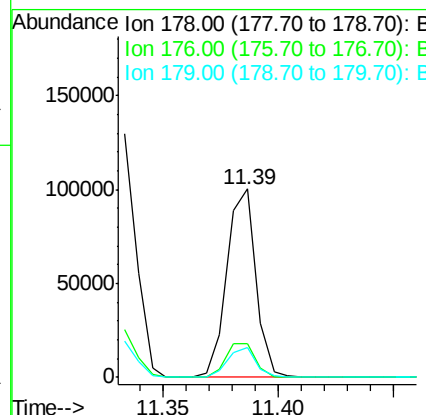
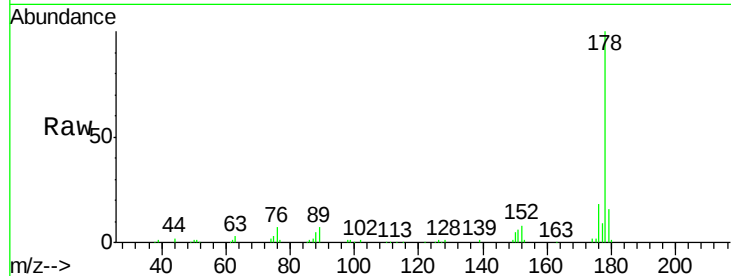
#71
 Anthracene
 Concen: 2.184 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.7	15.4	23.2
179	15.9	12.6	19.0

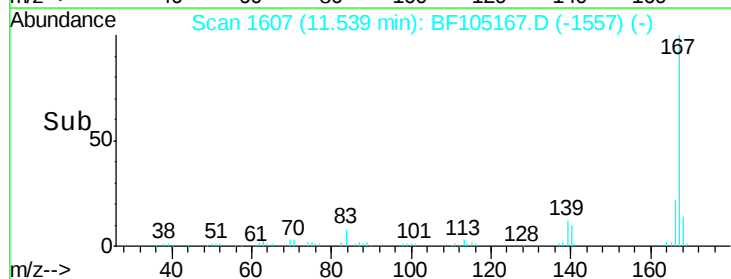
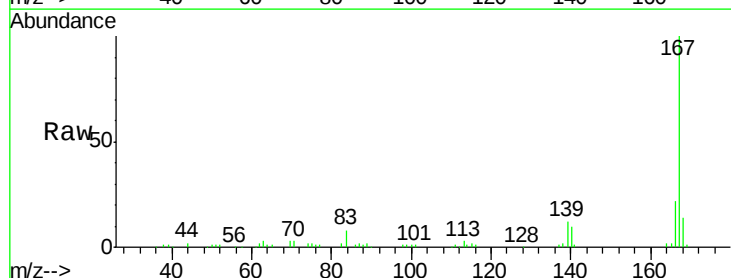
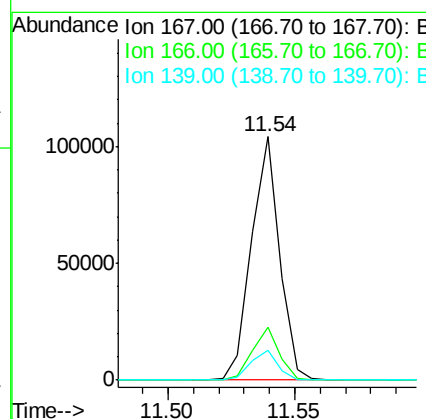
Manual Integrations
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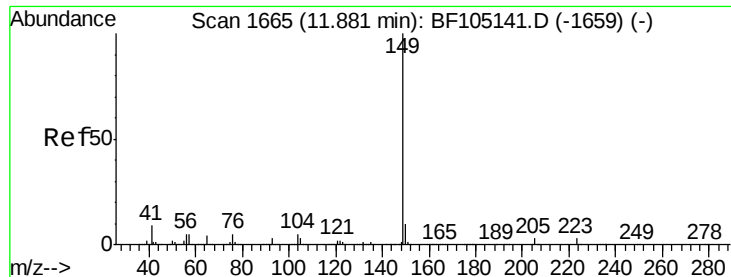
Sohil
 5/9/2018 6:51:10 PM



#72
 Carbazole
 Concen: 2.227 ng
 RT: 11.54 min Scan# 1607
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.6	26.4
139	12.0	10.9	16.3





#73

Di-n-butylphthalate

Concen: 1.898 ng

RT: 11.87 min Scan# 1664

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

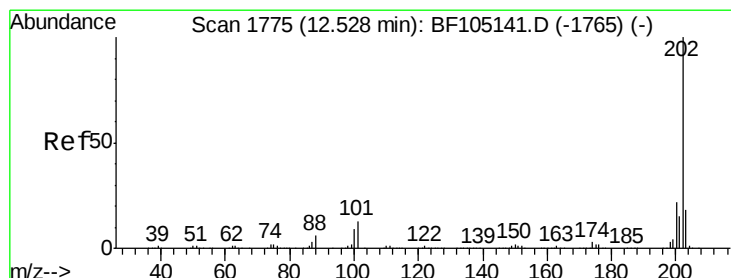
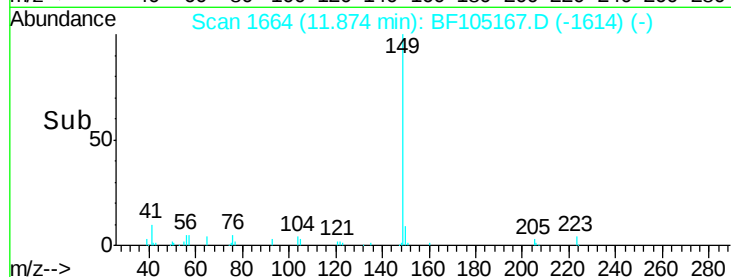
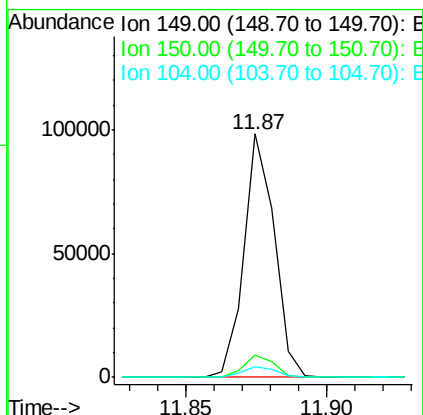
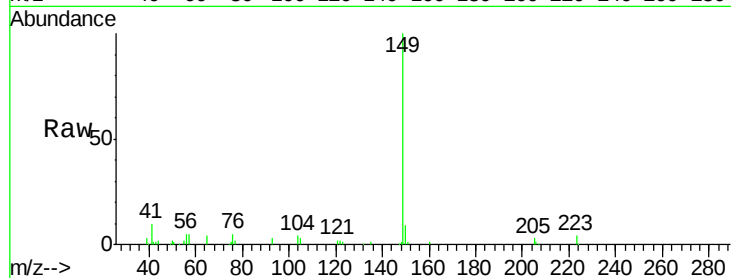
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	149	Resp:	73259
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
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Sohil
5/9/2018 6:51:10 PM



#74

Fluoranthene

Concen: 2.204 ng

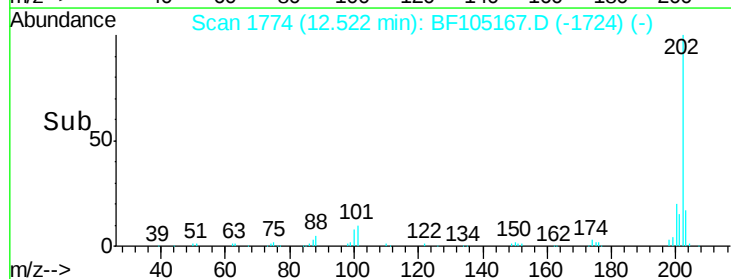
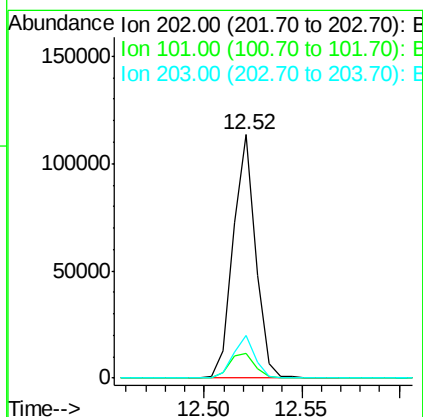
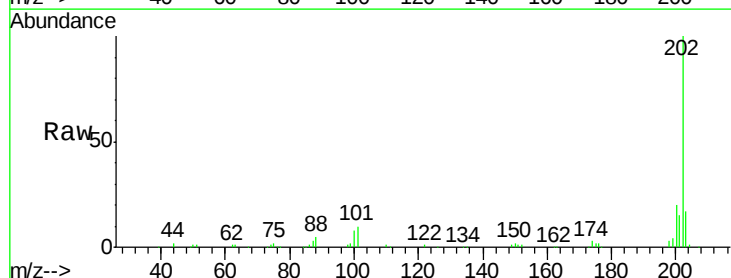
RT: 12.52 min Scan# 1774

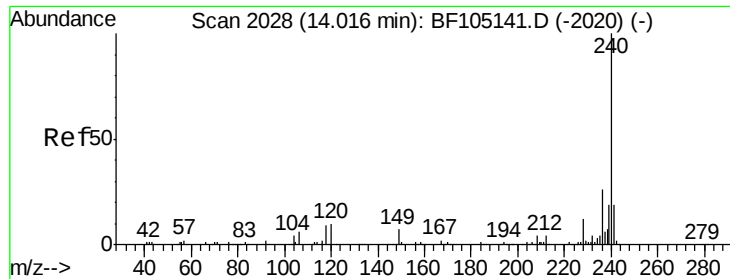
Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion:	202	Resp:	90479
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	17.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

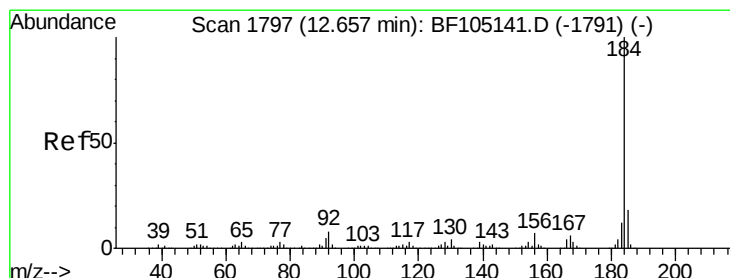
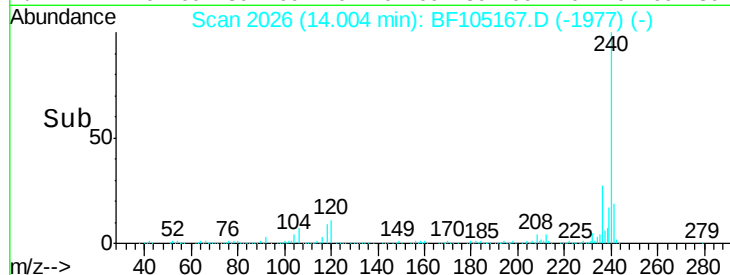
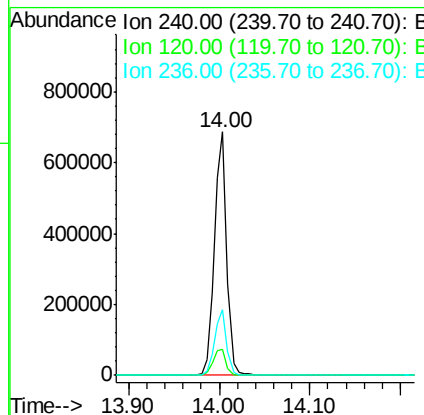
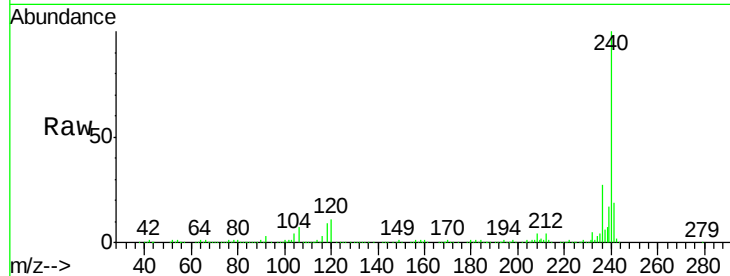
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.7	9.5	14.3
236	27.0	20.7	31.1

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#76

Benzidine

Concen: 0.457 ng m

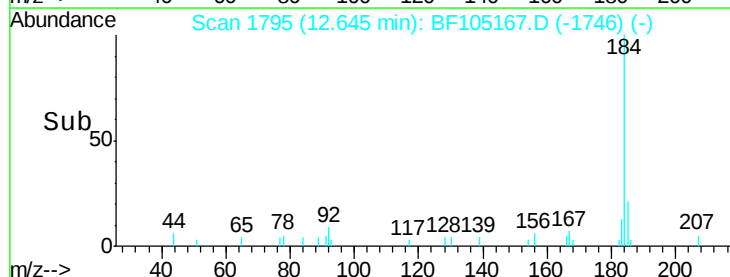
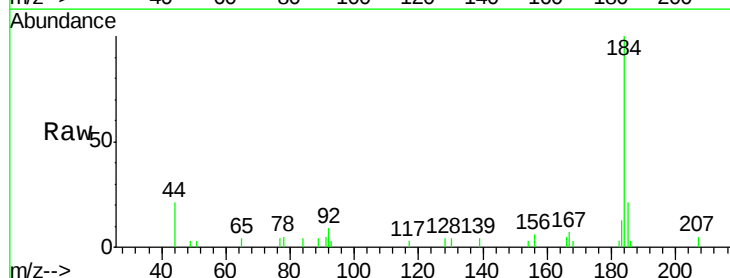
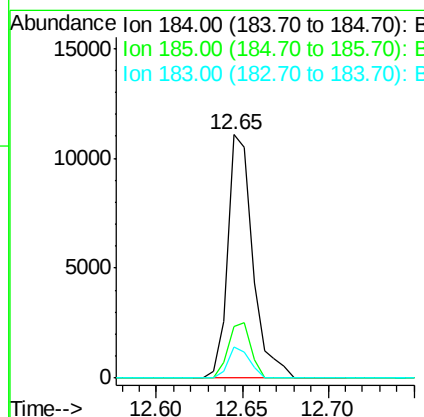
RT: 12.65 min Scan# 1795

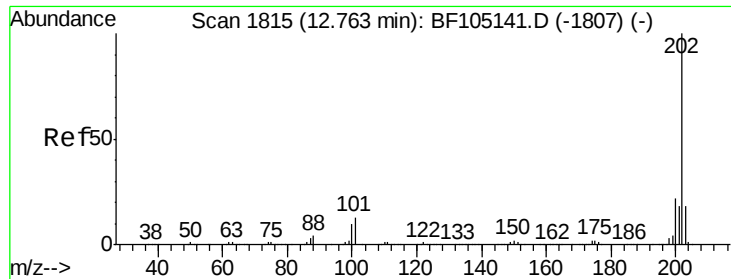
Delta R.T. -0.01 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
184	100		
185	21.3	12.6	18.8#
183	12.7	9.3	13.9





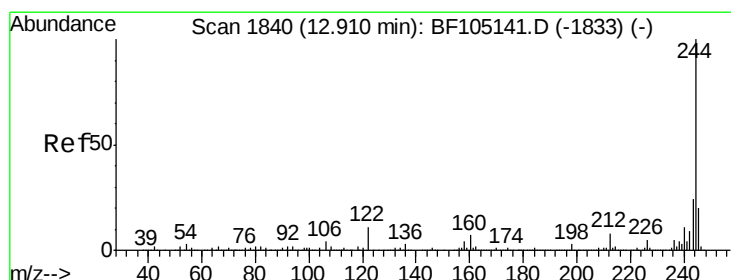
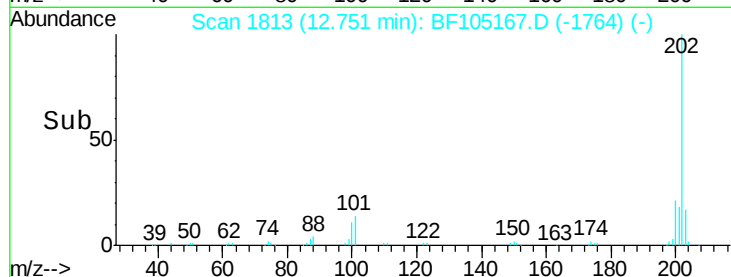
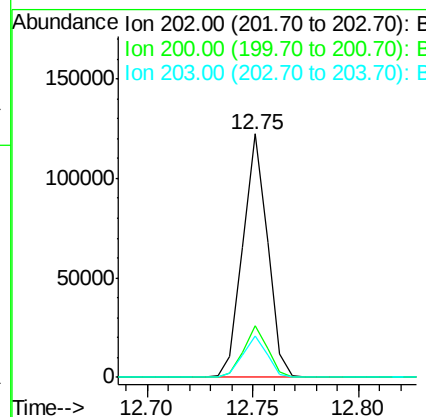
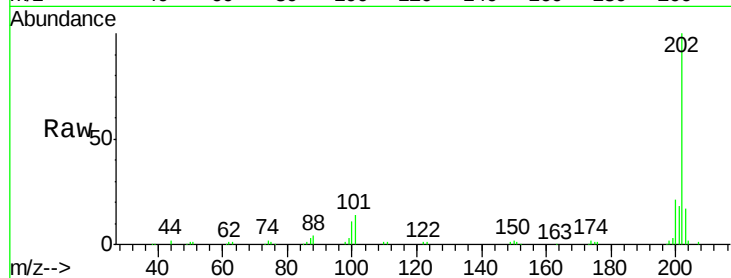
#77
Pvrene
Concen: 2.084 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.2	14.3	21.5

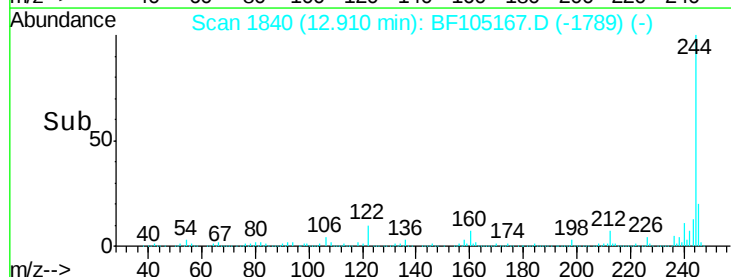
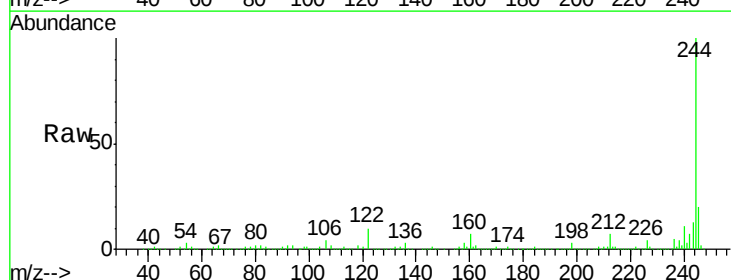
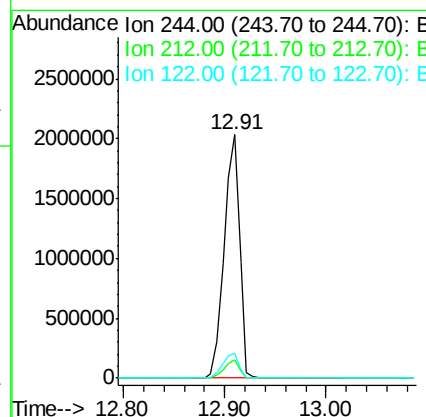
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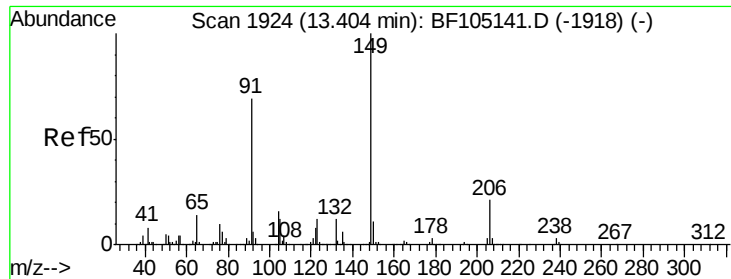
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#78
Terphenyl-d14
Concen: 75.955 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.0
122	9.9	11.0	16.4#





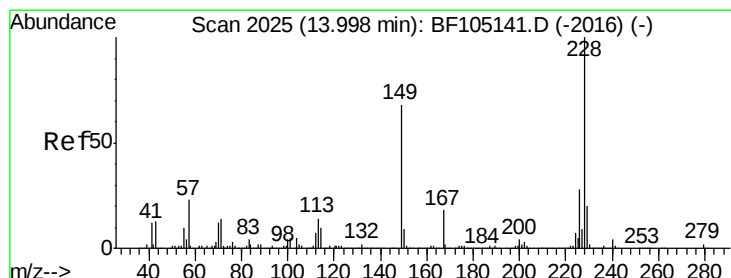
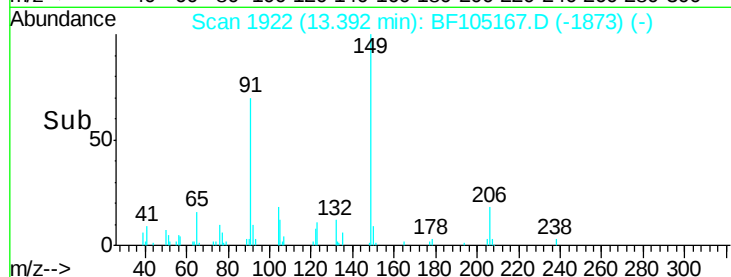
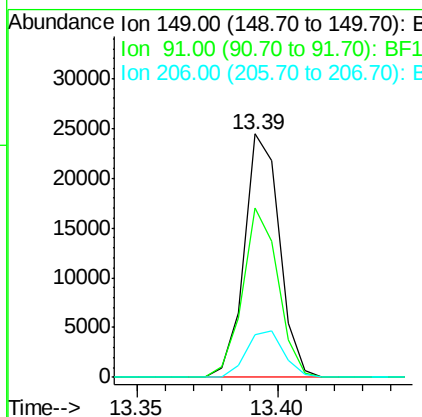
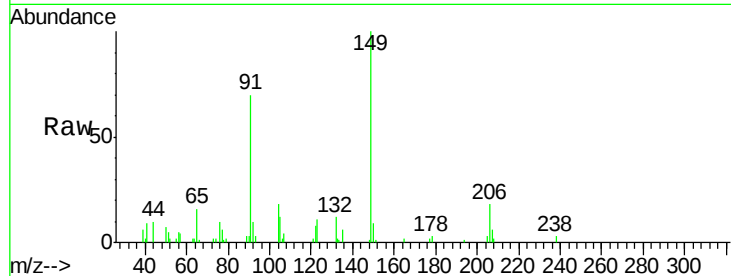
#79
Butylbenzylphthalate
Concen: 7.954 ng
RT: 13.39 min Scan# 1922
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Resp	Lower	Upper
149	100	21082		
91	69.7	56.8	85.2	
206	17.6	14.1	21.1	

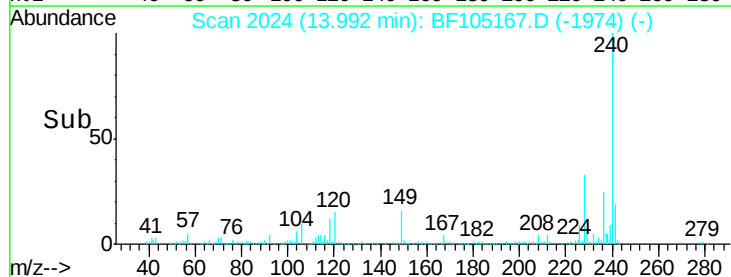
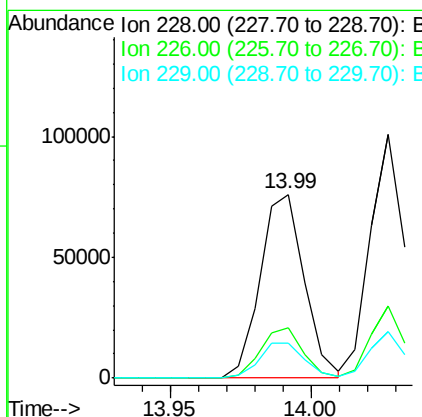
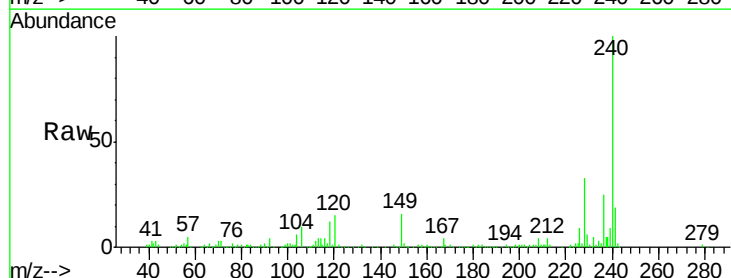
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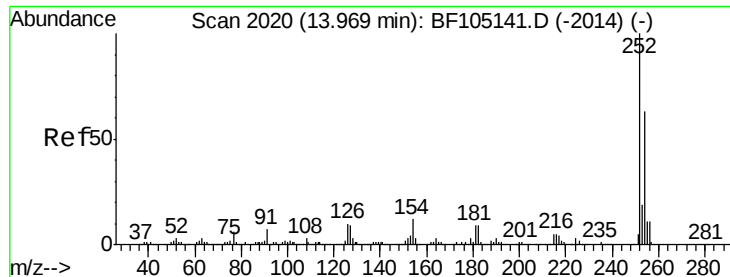
Sohil
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#80
Benzo(a)anthracene
Concen: 2.087 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	82454		
226	27.4	22.6	33.8	
229	19.2	15.8	23.6	





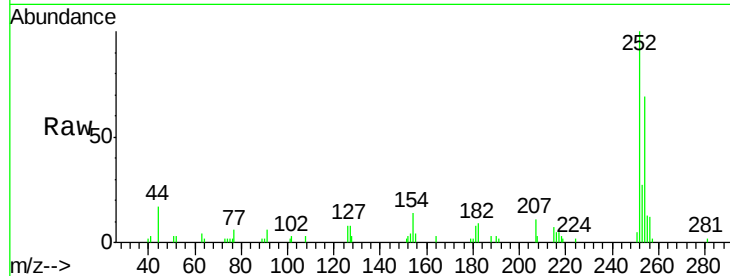
#81
 3,3'-Dichlorobenzidine
 Concen: 1.174 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

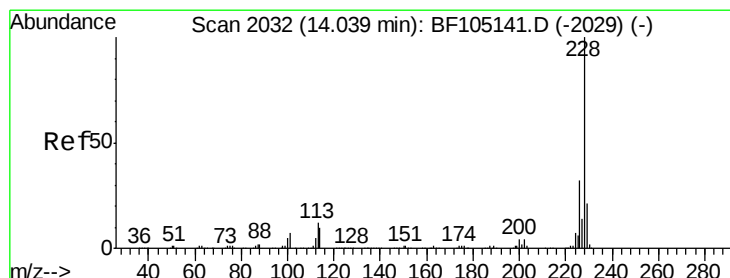
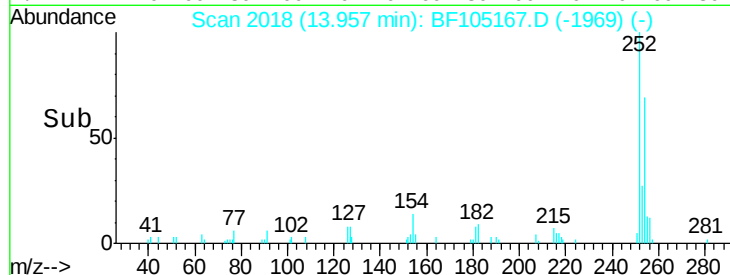
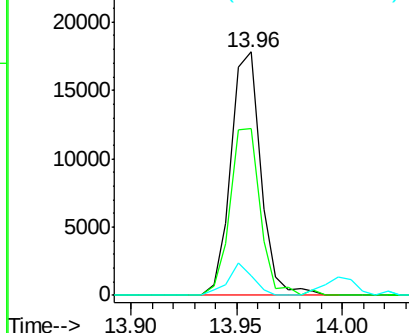
Tot Ion	Ratio	Lower	Upper
252	100		
254	68.7	50.4	75.6
126	8.1	11.3	16.9

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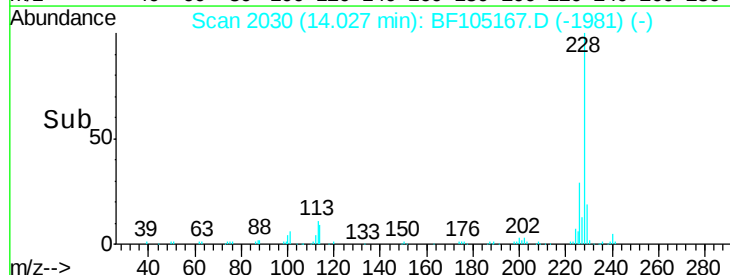
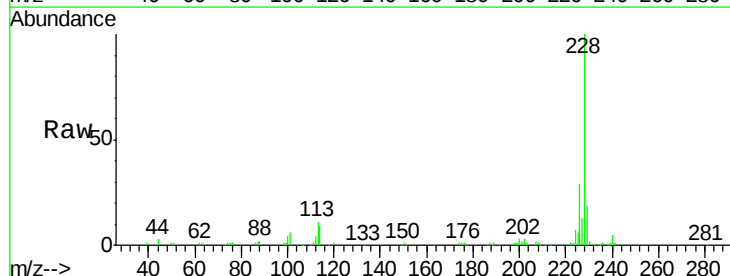
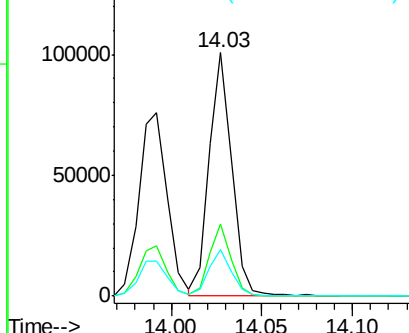
Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

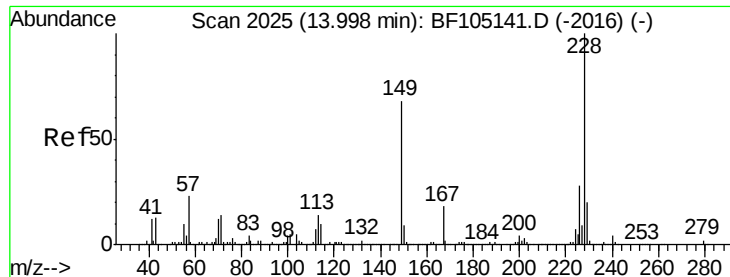


#82
 Chrysene
 Concen: 2.156 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.5	25.0	37.6
229	19.1	16.2	24.4

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





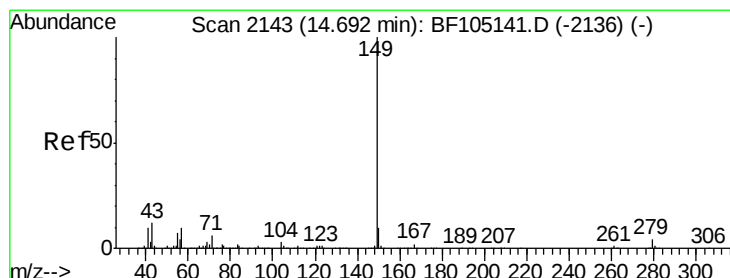
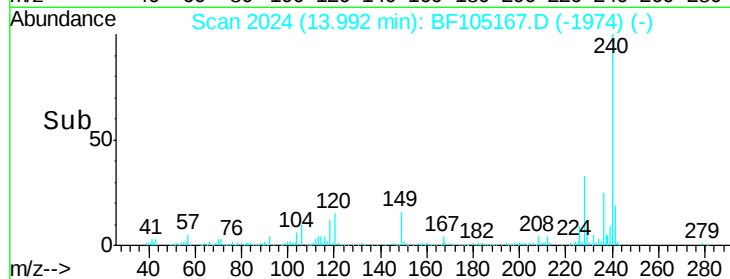
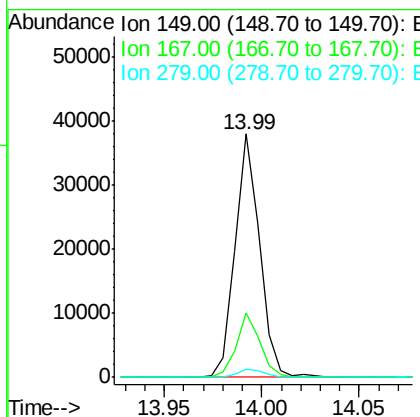
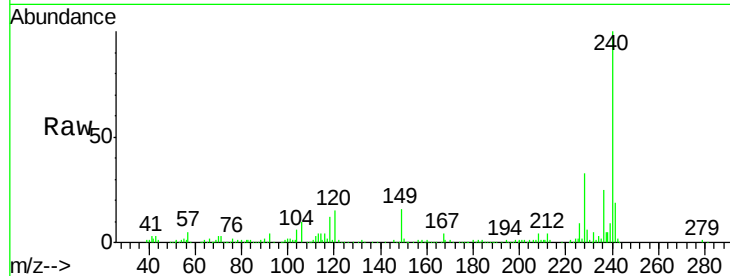
#83
Bis(2-ethylhexyl)phthalate
Concen: 1.688 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.4	21.3	31.9
279	3.4	3.0	4.4

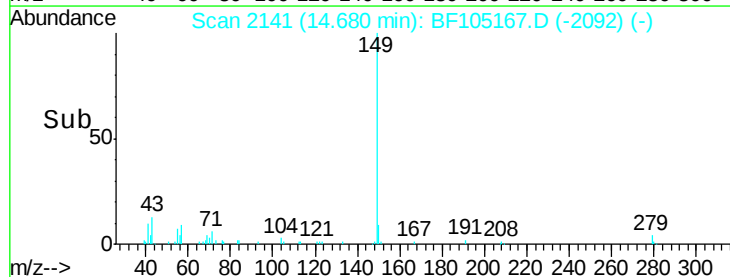
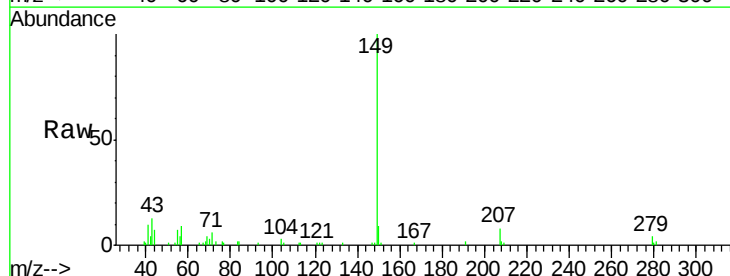
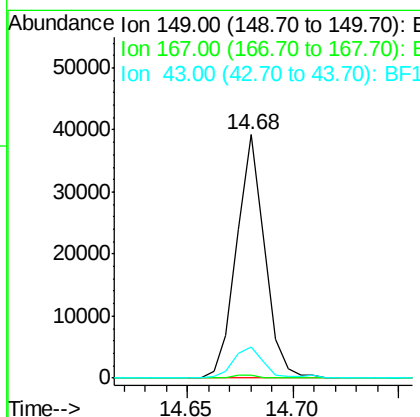
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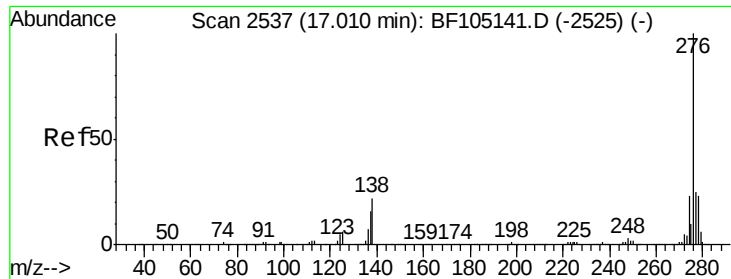
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#84
Di-n-octyl phthalate
Concen: 7.743 ng
RT: 14.68 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.9	1.2	1.8#
43	14.4	8.4	12.6#





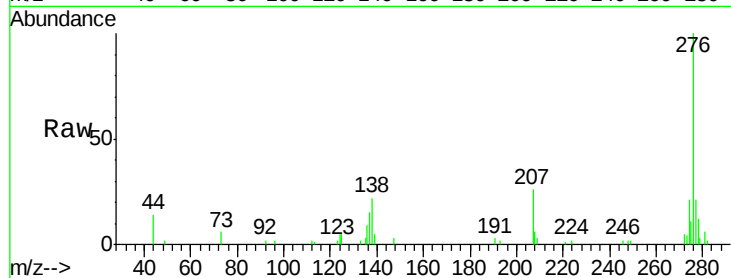
#85
Indeno(1,2,3-cd)pyrene
Concen: 1.598 ng
RT: 16.98 min Scan# 2532
Delta R.T. -0.03 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

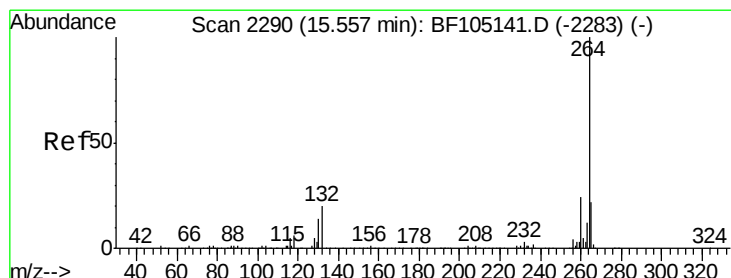
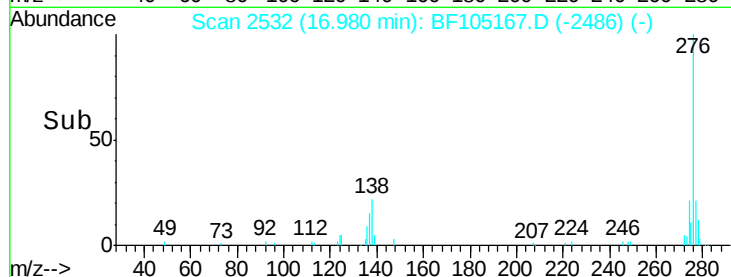
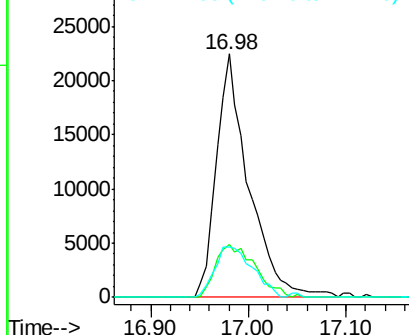
Tot Ion	Ratio	Lower	Upper
276	100		
138	26.7	25.0	37.6
277	24.4	20.1	30.1

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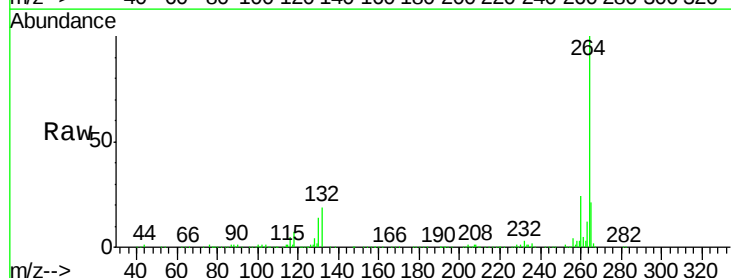


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

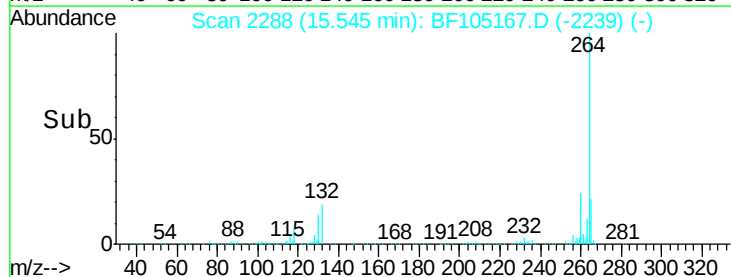
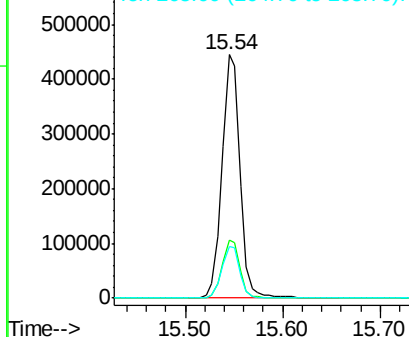


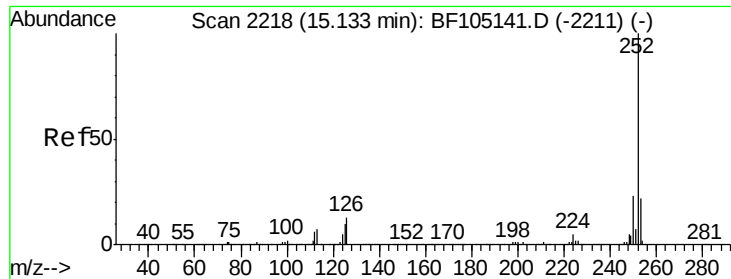
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2288
Delta R.T. -0.01 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.4	17.5	26.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 2.040 ng

RT: 15.12 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Instrument :

BNA_F

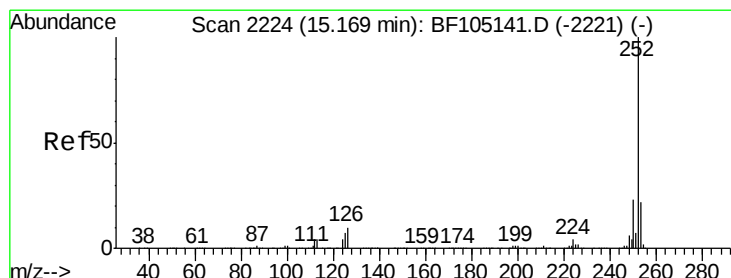
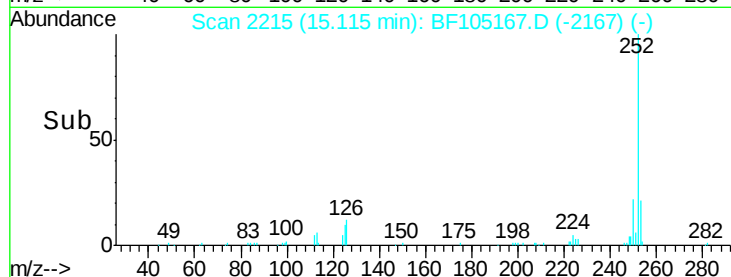
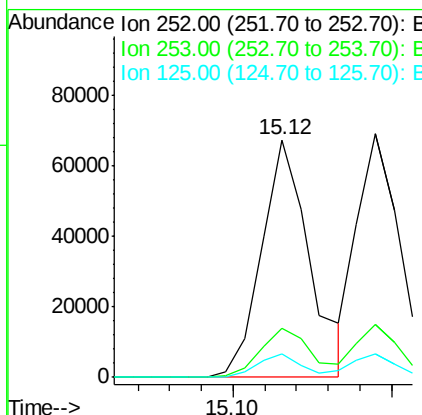
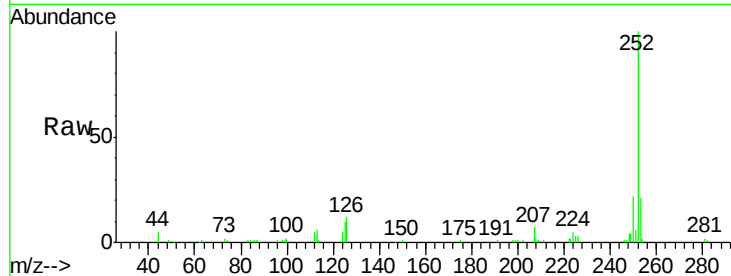
ClientSampleId :

MDL-WATER-03-QT2-2018

Tot Ion:	252	Resp:	70866
Ion Ratio	Lower	Upper	
252	100		
253	20.6	17.0	25.6
125	10.0	9.0	13.6

Manual Integrations
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#88

Benzo(k)fluoranthene

Concen: 2.037 ng

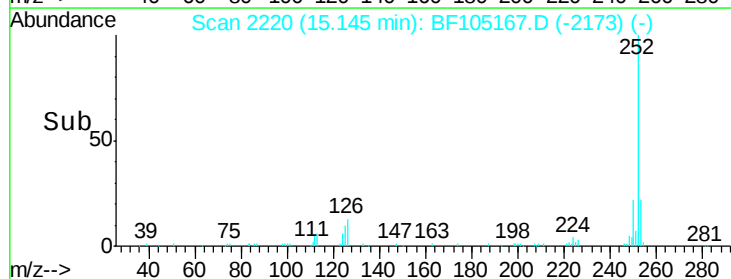
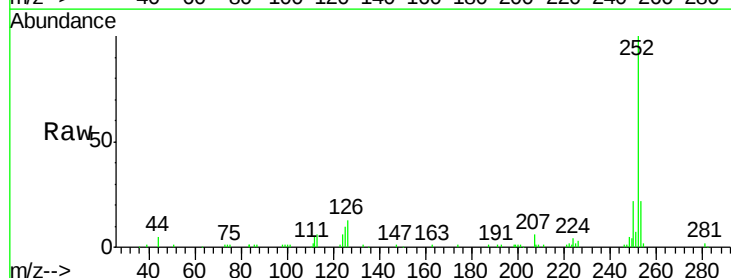
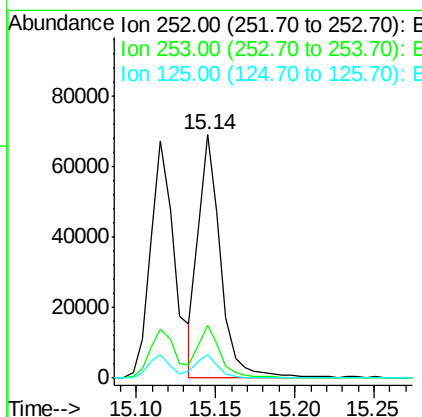
RT: 15.14 min Scan# 2220

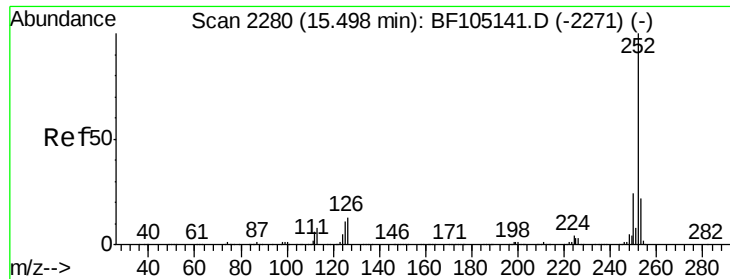
Delta R.T. -0.02 min

Lab File: BF105167.D

Acq: 9 May 2018 1:38

Tgt Ion:	252	Resp:	68637
Ion Ratio	Lower	Upper	
252	100		
253	21.8	17.9	26.9
125	9.5	10.2	15.2#





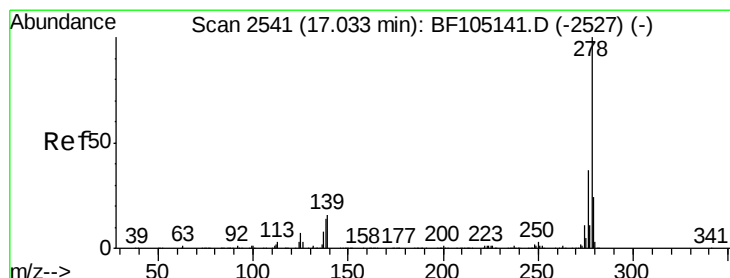
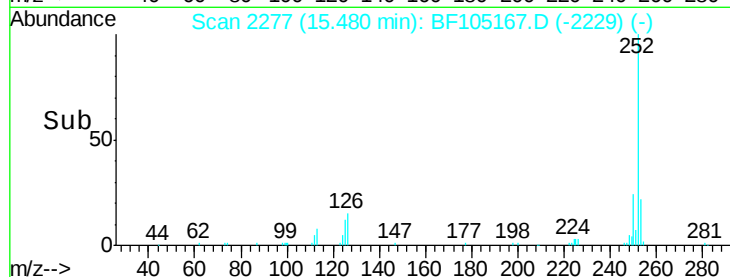
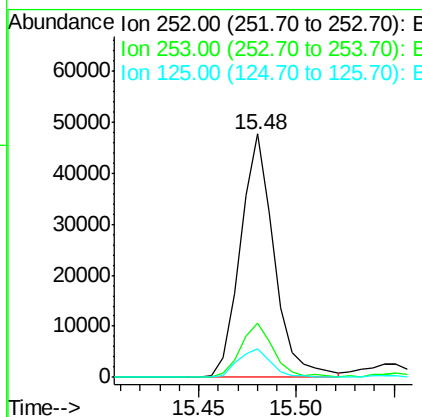
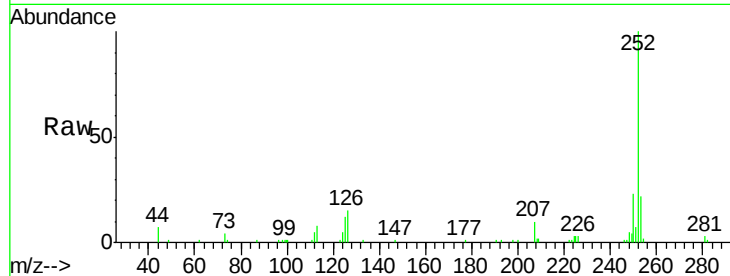
#89
Benzo(a)pyrene
Concen: 1.802 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.02 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	11.5	9.8	14.6

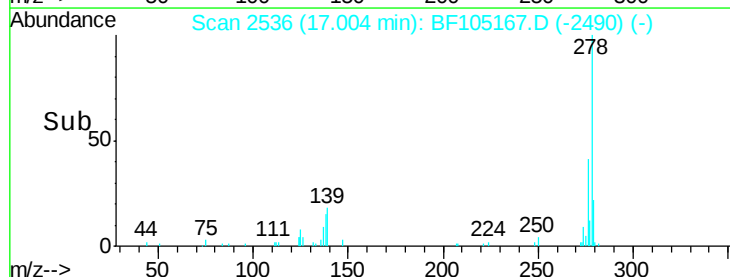
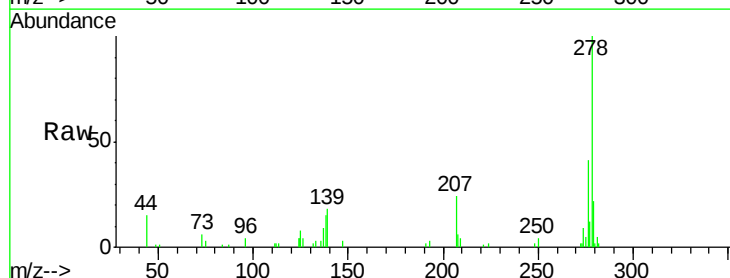
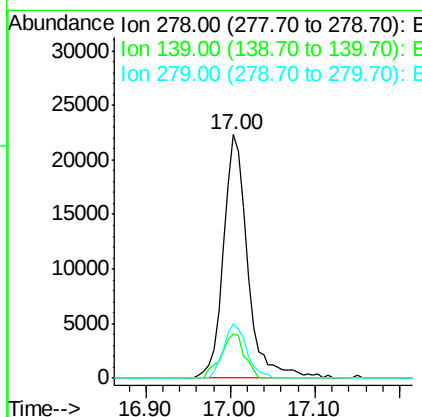
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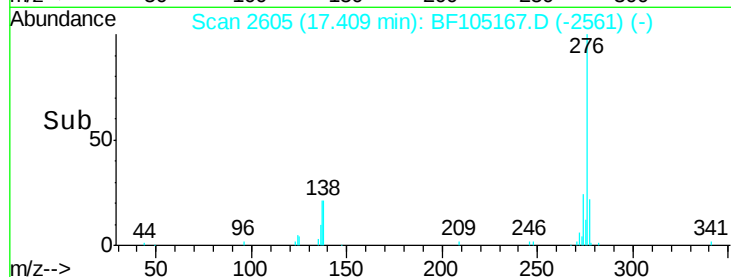
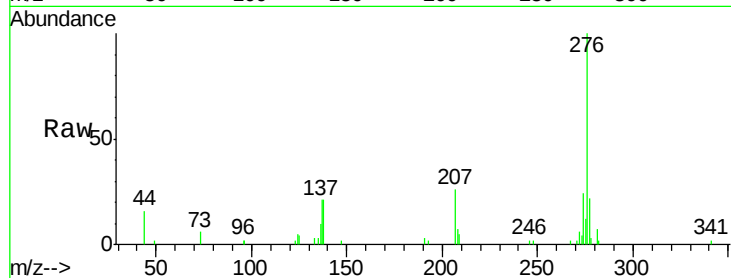
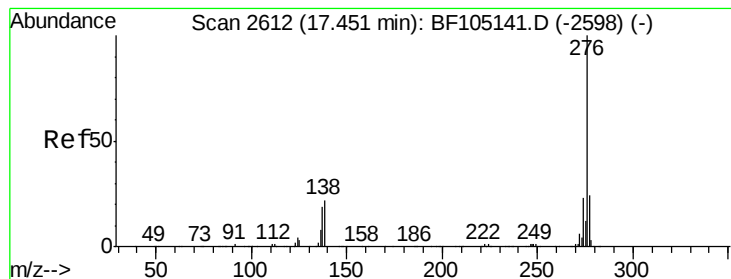
Sohil
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#90
Dibenzo(a,h)anthracene
Concen: 1.802 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.03 min
Lab File: BF105167.D
Acq: 9 May 2018 1:38

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	22.1	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 1.820 ng
 RT: 17.41 min Scan# 2605
 Delta R.T. -0.04 min
 Lab File: BF105167.D
 Acq: 9 May 2018 1:38

Instrument :
 BNA_F
 ClientSampleId :
 MDL-WATER-03-QT2-2018

Tot Ion	Ratio	Lower	Upper
276	100		
277	21.8	17.9	26.9
138	21.0	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 5/9/2018 6:51:10 PM

