

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107117.D
 Acq On : 5 Jul 2018 10:52
 Operator : JU/SJ
 Sample : PB110801BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Manual Integrations
 APPROVED

Sohil
 7/6/2018 8:44:52 AM

Quant Time: Jul 05 12:00:54 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	59558	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	232198	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	123053	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	260816	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	221313	20.00	ng	-0.02
86) Perylene-d12	15.67	264	182946	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	411852	117.10	ng	0.00
7) Phenol-d6	6.60	99	514036	117.03	ng	-0.01
23) Nitrobenzene-d5	7.52	82	333256	79.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	188319	132.04	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	651142	90.53	ng	-0.02
78) Terphenyl-d14	13.07	244	845781	92.57	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.86	88	57591	31.849	ng	98
3) Pyridine	3.64	79	164105	33.463	ng	98
4) n-Nitrosodimethylamine	3.61	42	69555	33.393	ng	85
6) Aniline	6.62	93	175445	29.446	ng	# 67
8) 2-Chlorophenol	6.74	128	156342	40.527	ng	99
9) Benzaldehyde	6.51	77	75949	22.557	ng	98
10) Phenol	6.61	94	186051	37.116	ng	# 72
11) bis(2-Chloroethyl)ether	6.68	93	158738	38.359	ng	98
12) 1,3-Dichlorobenzene	6.89	146	182164	40.317	ng	97
13) 1,4-Dichlorobenzene	6.97	146	183023	40.066	ng	98
14) 1,2-Dichlorobenzene	7.12	146	171482	40.962	ng	98
15) Benzyl Alcohol	7.10	79	131899	37.398	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	216961	39.959	ng	52
17) 2-Methylphenol	7.21	107	133165	40.336	ng	# 89
18) Hexachloroethane	7.45	117	63460	39.505	ng	# 89
19) n-Nitroso-di-n-propylamine	7.36	70	108750	37.561	ng	94
20) 3+4-Methylphenols	7.37	107	169684	48.749	ng	# 87
22) Acetophenone	7.36	105	214794	41.347	ng	# 97
24) Nitrobenzene	7.54	77	168371	39.470	ng	98
25) Isophorone	7.77	82	310319	42.148	ng	99
26) 2-Nitrophenol	7.85	139	89964	44.675	ng	98
27) 2,4-Dimethylphenol	7.89	122	146399	47.035	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	198636	40.182	ng	99
29) 2,4-Dichlorophenol	8.10	162	147437	45.245	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	163353	45.505	ng	96
31) Naphthalene	8.25	128	459192	42.299	ng	99
32) Benzoic acid	8.02	122	72480	33.922	ng	100
33) 4-Chloroaniline	8.31	127	122920	26.985	ng	99
34) Hexachlorobutadiene	8.36	225	105760	45.214	ng	97
35) Caprolactam	8.68	113	44264m	41.671	ng	
36) 4-Chloro-3-methylphenol	8.80	107	149557	43.604	ng	98
37) 2-Methylnaphthalene	8.95	142	341911	47.517	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	181735	43.855	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	107028	50.198	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	103463	37.560	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	106177	36.939	nq #	87
45) 1,1'-Biphenyl	9.41	154	415855	42.405	nq	99
46) 2-Chloronaphthalene	9.44	162	303623	39.333	nq	93
47) 2-Nitroaniline	9.54	65	95815	36.912	nq	100
48) Acenaphthylene	9.86	152	485762	39.858	nq	99
49) Dimethylphthalate	9.71	163	360807	39.094	nq	98
50) 2,6-Dinitrotoluene	9.78	165	84399	43.186	nq #	80
51) Acenaphthene	10.03	154	291487	37.982	nq	97
52) 3-Nitroaniline	9.95	138	64807	28.817	nq	99
53) 2,4-Dinitrophenol	10.07	184	61709	62.021	nq #	16
54) Dibenzofuran	10.20	168	439056	41.780	nq	96
55) 4-Nitrophenol	10.14	139	68648	43.732	nq	95
56) 2,4-Dinitrotoluene	10.19	165	109849	43.063	nq #	95
57) Fluorene	10.54	166	355969	42.687	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	90780	39.731	nq #	77
59) Diethylphthalate	10.41	149	349330	39.217	nq #	93
60) 4-Chlorophenyl-phenylether	10.53	204	183897	42.148	nq #	84
61) 4-Nitroaniline	10.58	138	90503	40.550	nq	95
62) Azobenzene	10.69	77	335818	38.284	nq	95
64) 4,6-Dinitro-2-methylphenol	10.61	198	59761	37.067	nq #	69
65) n-Nitrosodiphenylamine	10.65	169	308877	35.209	nq	98
66) 4-Bromophenyl-phenylether	11.02	248	129537	41.616	nq #	75
67) Hexachlorobenzene	11.10	284	139683	42.876	nq #	82
68) Atrazine	11.18	200	117460	42.118	nq	94
69) Pentachlorophenol	11.30	266	69066	42.488	nq	98
70) Phenanthrene	11.51	178	539669	42.900	nq	99
71) Anthracene	11.57	178	558342	43.484	nq	100
72) Carbazole	11.72	167	489682	40.734	nq	98
73) Di-n-butylphthalate	12.03	149	556894	39.322	nq	99
74) Fluoranthene	12.71	202	609703	43.973	nq	96
76) Benzidine	12.82	184	294046	46.652	nq	98
77) Pyrene	12.94	202	616140	42.219	nq	100
79) Butylbenzylphthalate	13.54	149	233209	38.866	nq #	93
80) Benzo(a)anthracene	14.13	228	562274	41.686	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	111731	23.569	nq #	95
82) Chrysene	14.17	228	527906	42.541	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	297231	38.746	nq	96
84) Di-n-octyl phthalate	14.71	149	468264	37.448	nq #	95
85) Indeno(1,2,3-cd)pyrene	17.26	276	462932	43.960	nq #	90
87) Benzo(b)fluoranthene	15.22	252	467338	41.123	nq #	96
88) Benzo(k)fluoranthene	15.25	252	455335	42.073	nq #	96
89) Benzo(a)pyrene	15.61	252	432254	42.786	nq #	96
90) Dibenzo(a,h)anthracene	17.27	278	377463	44.086	nq #	92
91) Benzo(g,h,i)perylene	17.74	276	404181	48.297	nq #	89

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

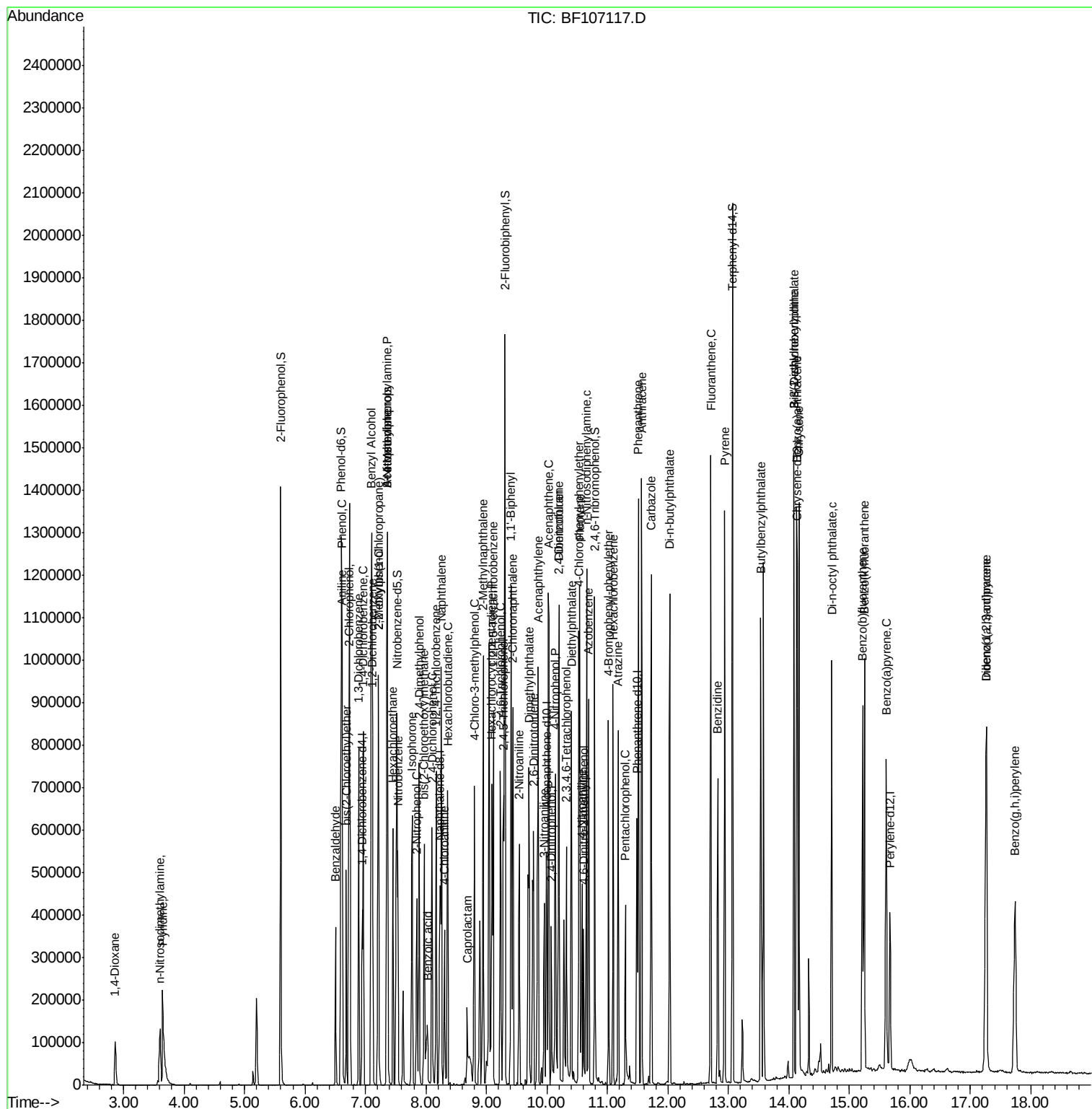
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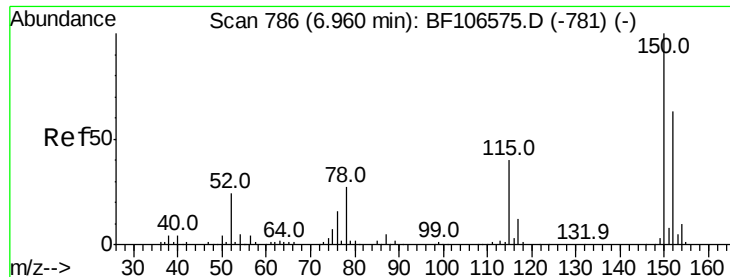
Instrument :
BNA_F
ClientSampleID :
PB110801BS

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#1

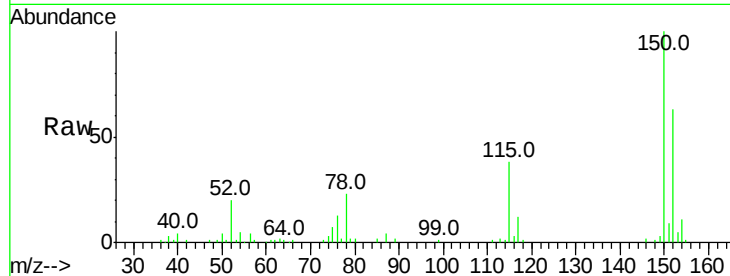
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampled :
PB110801BS

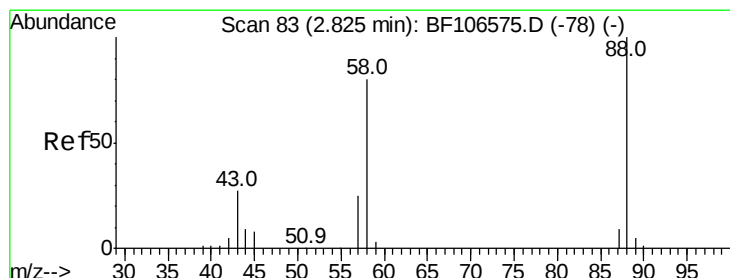
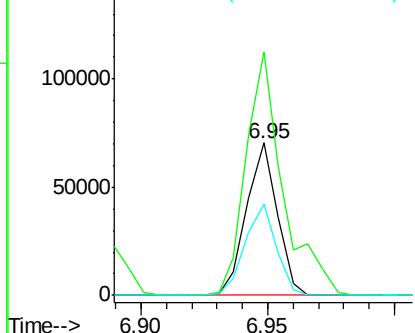
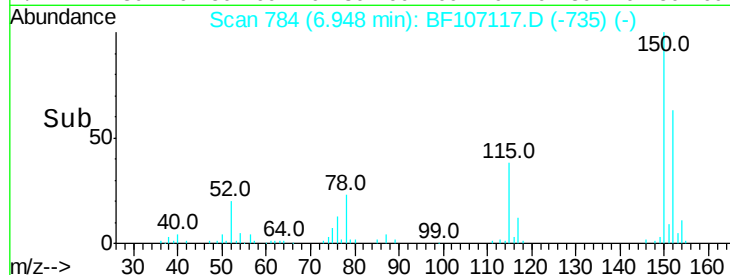
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.6	186.8
115	60.1	50.1	75.1

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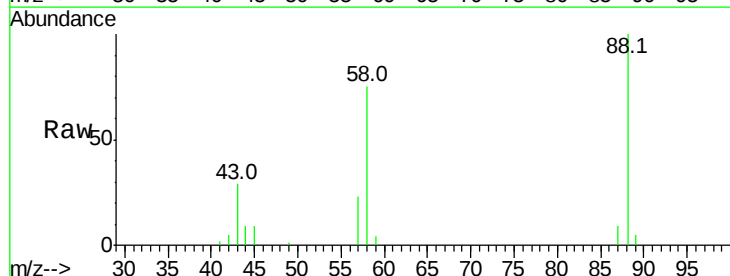
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



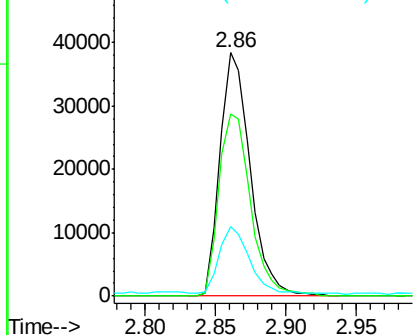
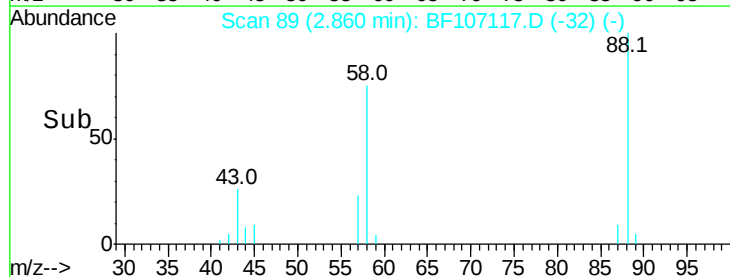
#2

1,4-Dioxane
Concen: 31.849 ng
RT: 2.86 min Scan# 89
Delta R.T. 0.04 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.2	62.6	93.8
43	27.2	24.6	37.0



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





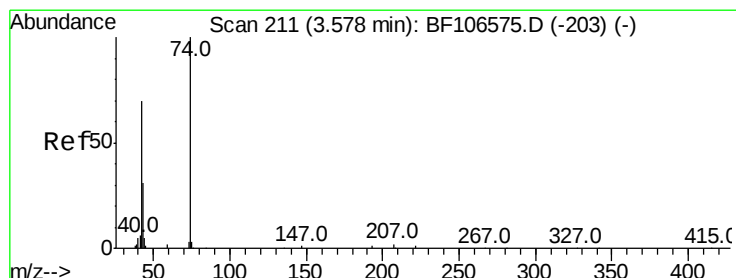
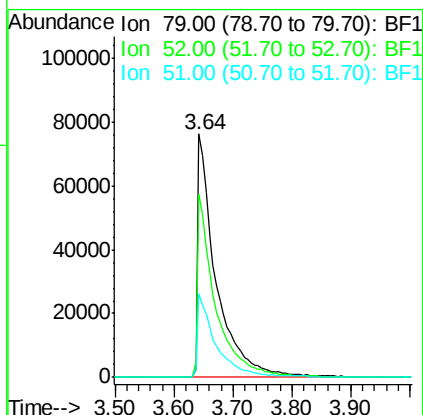
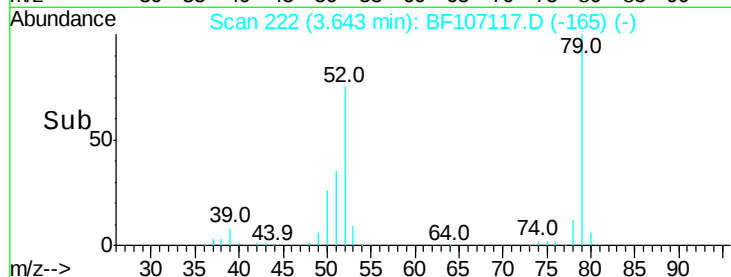
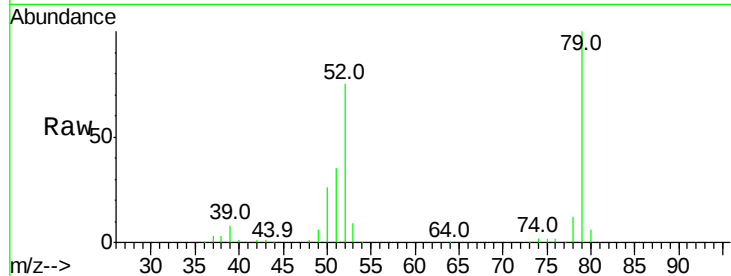
#3
 Pvridine
 Concen: 33.463 ng
 RT: 3.64 min Scan# 222
 Delta R.T. 0.04 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampled :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.2	59.8	89.6
51	34.5	29.8	44.8

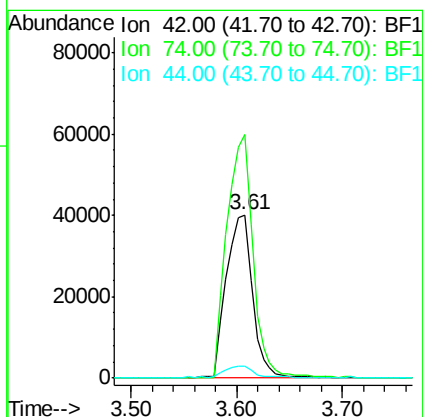
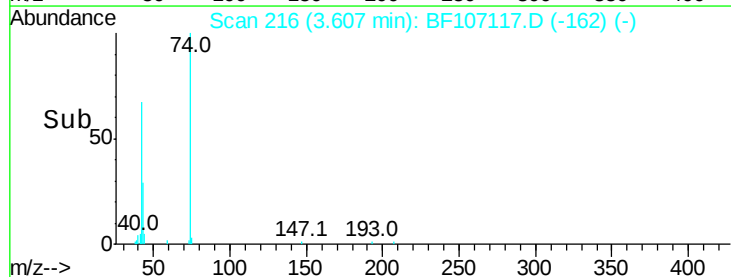
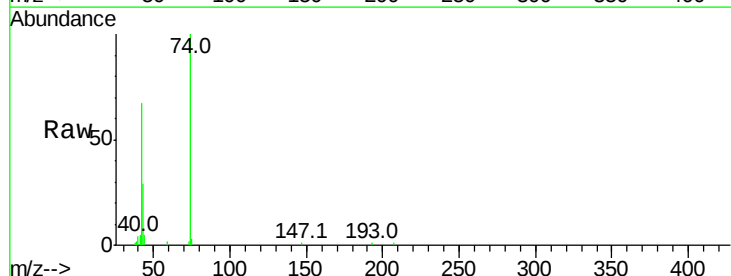
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#4
 n-Nitrosodimethylamine
 Concen: 33.393 ng
 RT: 3.61 min Scan# 216
 Delta R.T. 0.02 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
42	100		
74	149.3	104.9	157.3
44	7.0	6.9	10.3





#5

2-Fluorophenol

Concen: 117.095 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

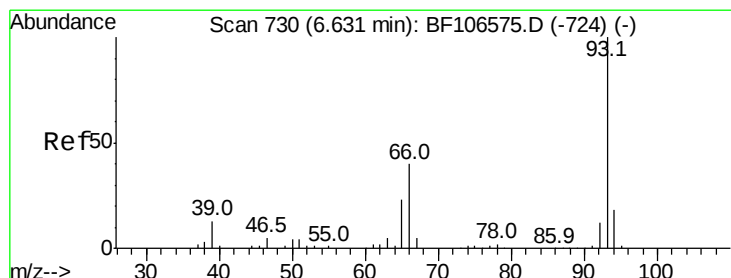
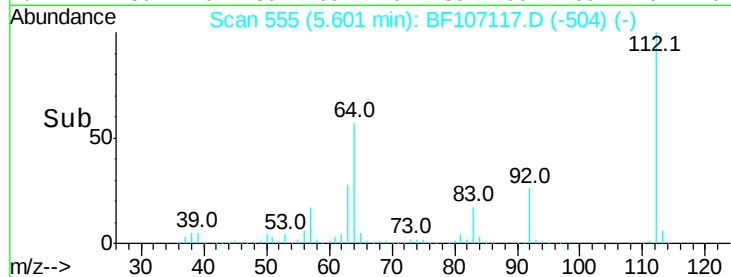
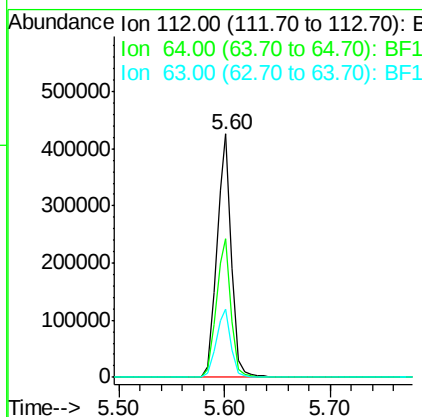
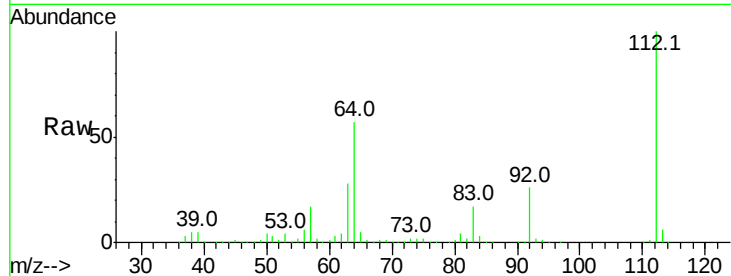
ClientSampled :

PB110801BS

Tot Ion:	112	Resp:	411852
Ion Ratio	Lower	Upper	
112	100		
64	57.0	47.9	71.9
63	28.1	23.7	35.5

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#6

Aniline

Concen: 29.446 ng

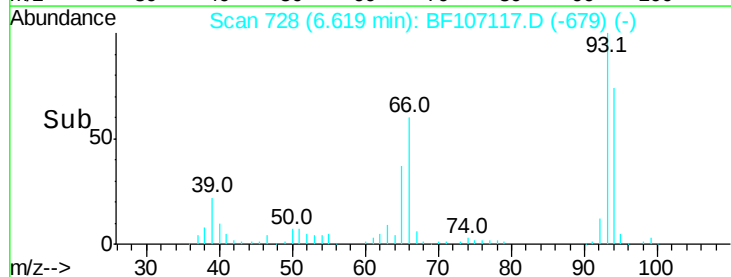
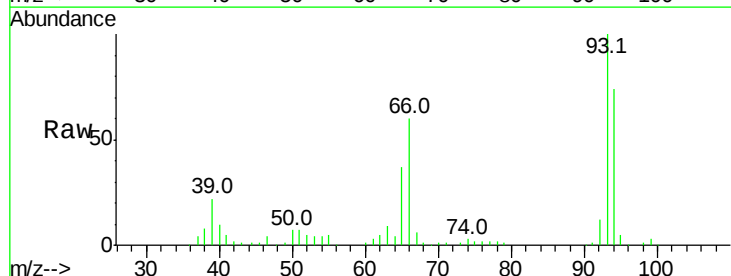
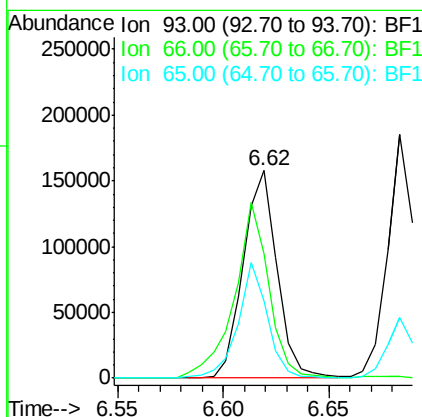
RT: 6.62 min Scan# 728

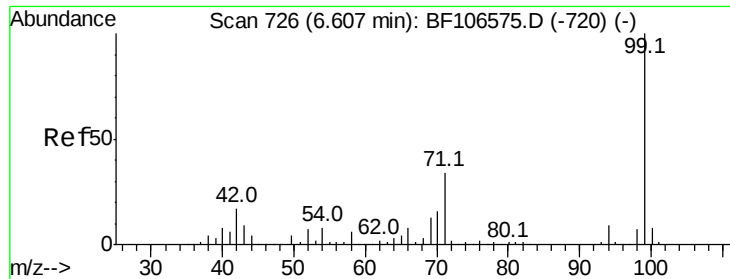
Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	93	Resp:	175445
Ion Ratio	Lower	Upper	
93	100		
66	59.9	32.2	48.2#
65	37.1	16.4	24.6#





#7

Phenol-d6

Concen: 117.030 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

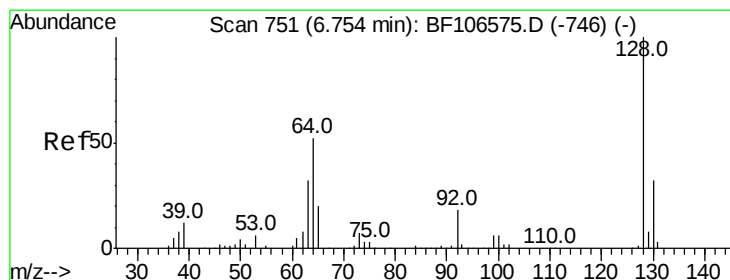
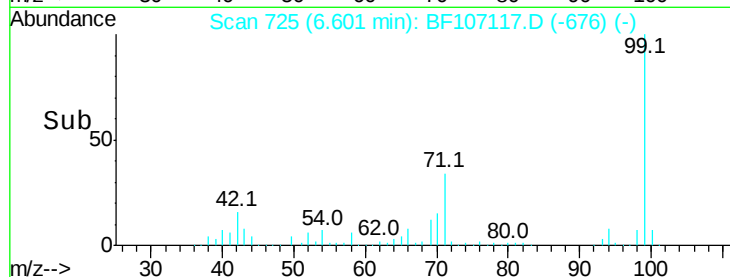
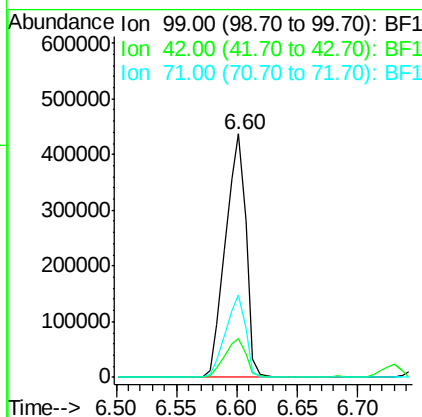
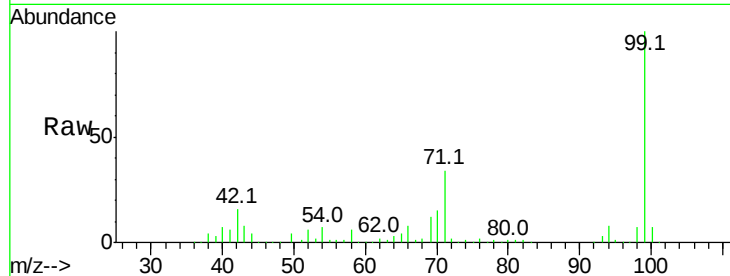
ClientSampleId :

PB110801BS

Tot Ion:	99	Resp:	514036
Ion Ratio	Lower	Upper	
99	100		
42	15.9	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 40.527 ng

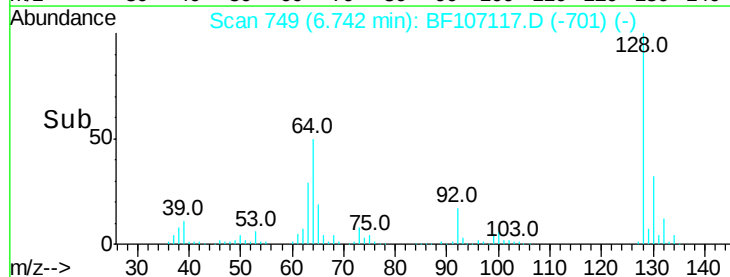
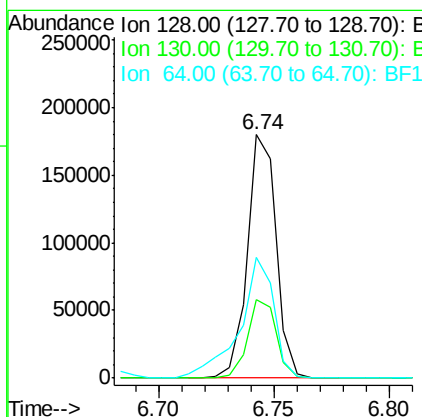
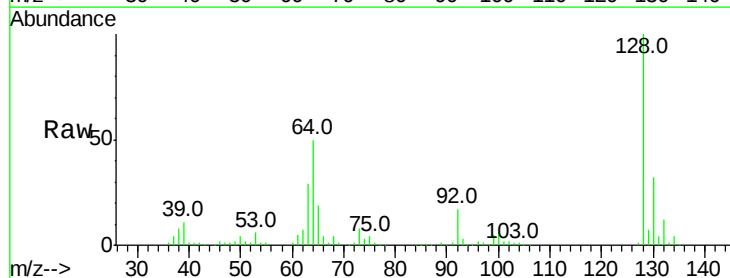
RT: 6.74 min Scan# 749

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	128	Resp:	156342
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	49.6	29.4	69.4





#9

Benzaldehyde

Concen: 22.557 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

ClientSampled :

PB110801BS

Tot Ion: 77 Resp: 75949

Ion Ratio Lower Upper

77 100

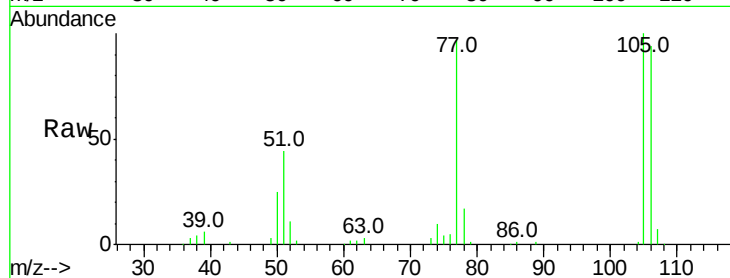
105 102.9 81.1 121.1

106 97.2 74.5 114.5

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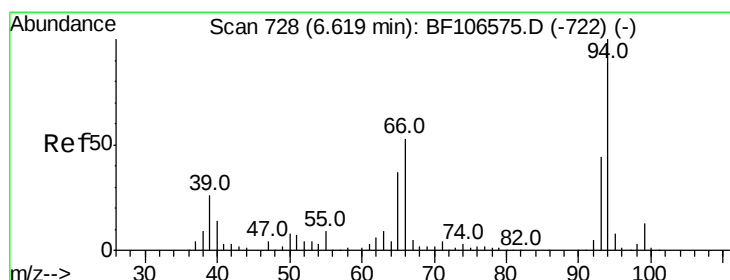
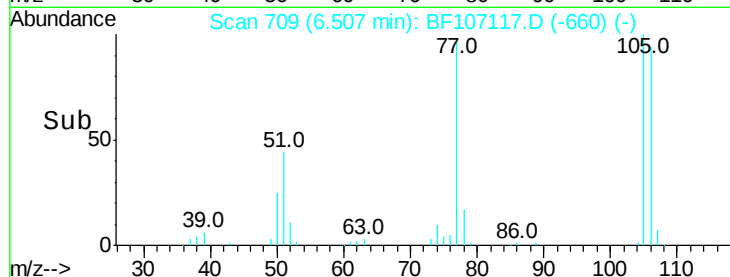
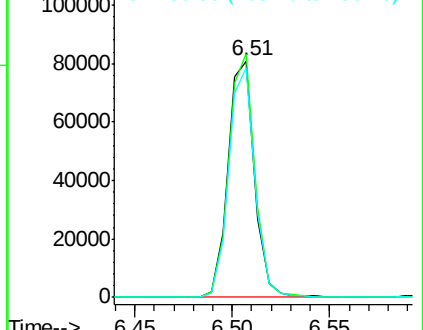
7/6/2018 8:44:52 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.116 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

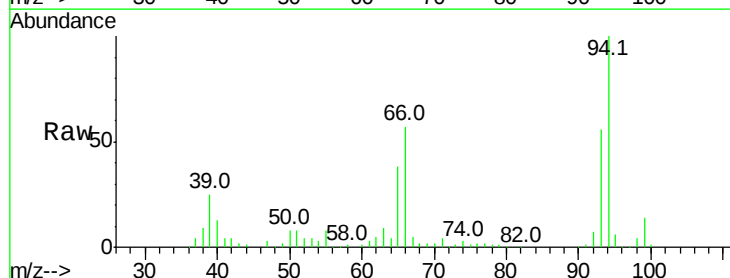
Tgt Ion: 94 Resp: 186051

Ion Ratio Lower Upper

94 100

65 37.6 7.9 47.9

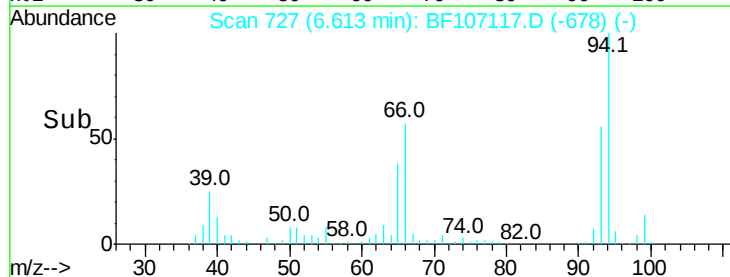
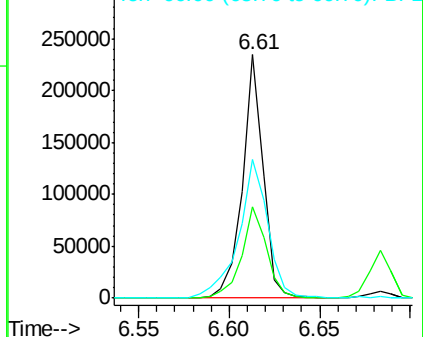
66 56.8 16.2 56.2#

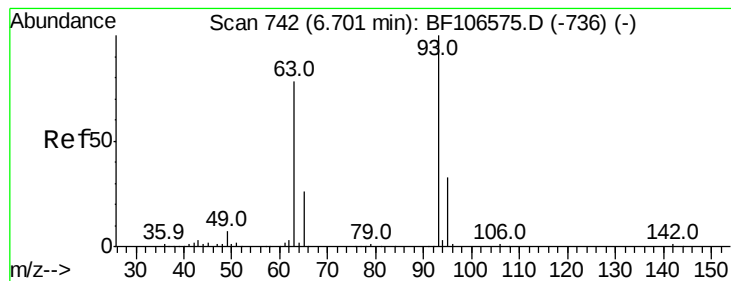


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





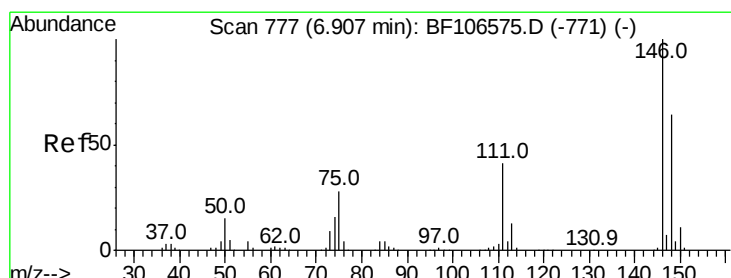
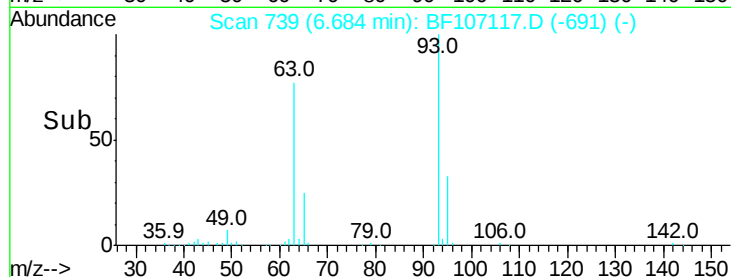
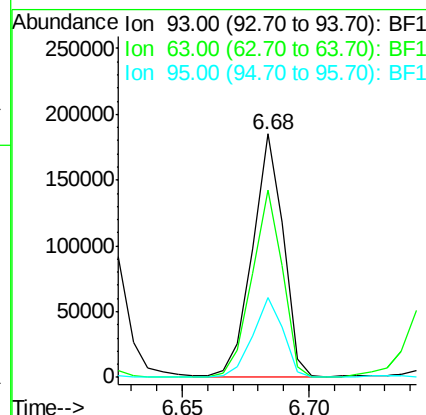
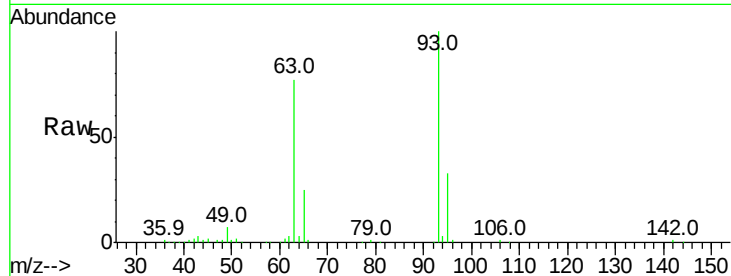
#11
bis(2-Chloroethyl)ether
Concen: 38.359 ng
RT: 6.68 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampled :
PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	158738		
63	77.0	58.6	98.6	
95	32.5	11.8	51.8	

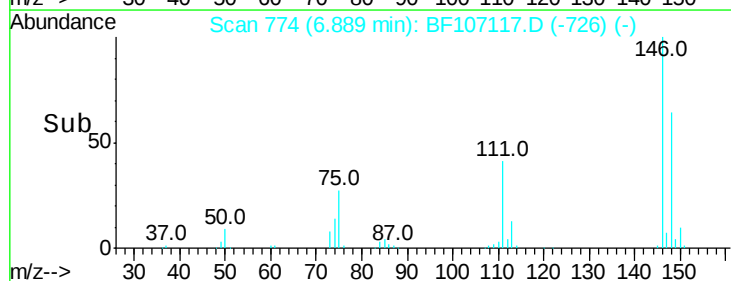
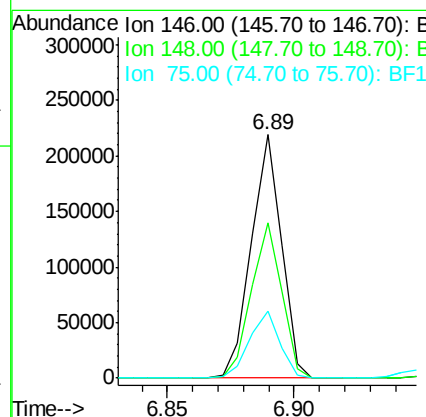
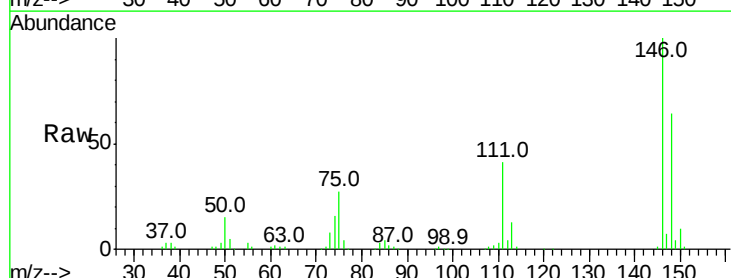
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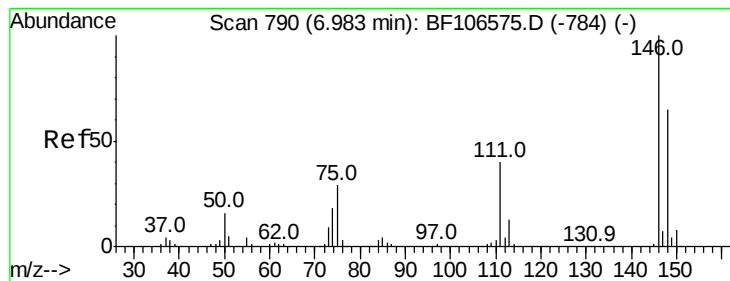
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#12
1,3-Dichlorobenzene
Concen: 40.317 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	182164		
148	63.5	51.8	77.8	
75	27.4	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 40.066 ng

RT: 6.97 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tot Ion:	146	Resp:	183023
Ion Ratio	Lower	Upper	
146	100		
148	63.7	50.8	76.2
111	40.3	34.2	51.2

Instrument :

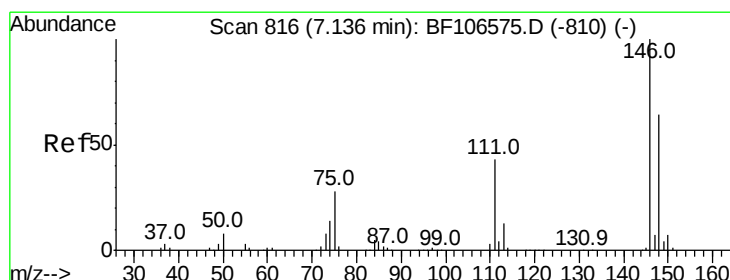
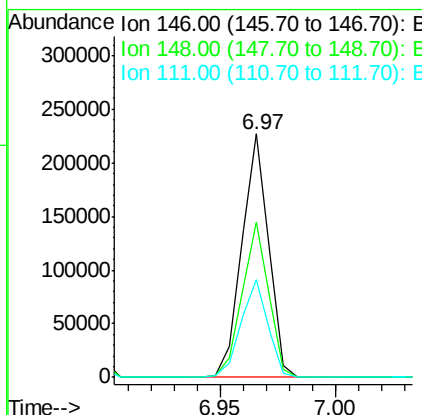
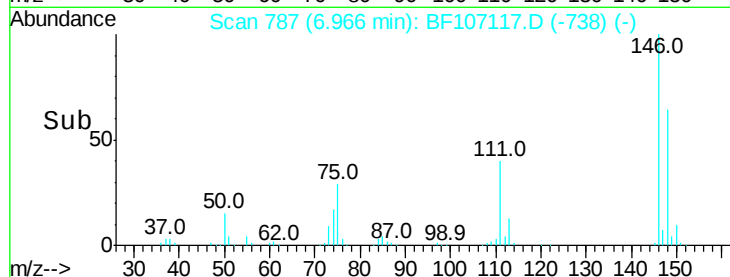
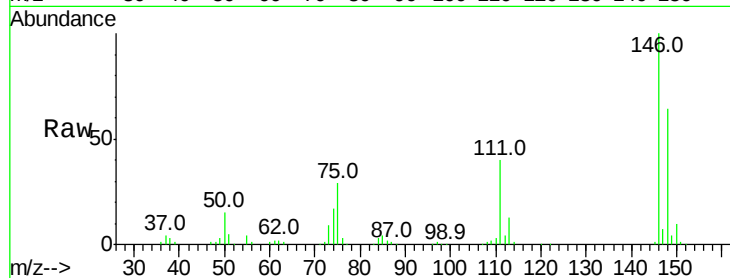
BNA_F

ClientSampleId :

PB110801BS

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#14

1,2-Dichlorobenzene

Concen: 40.962 ng

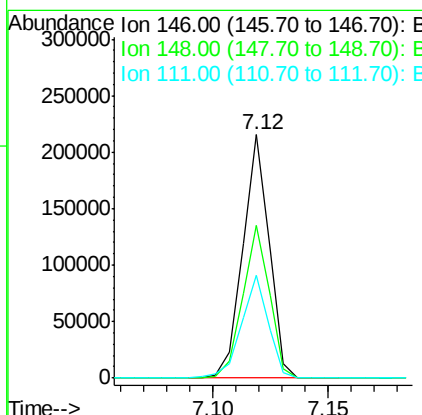
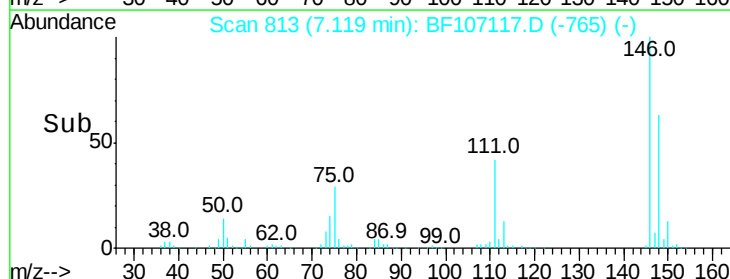
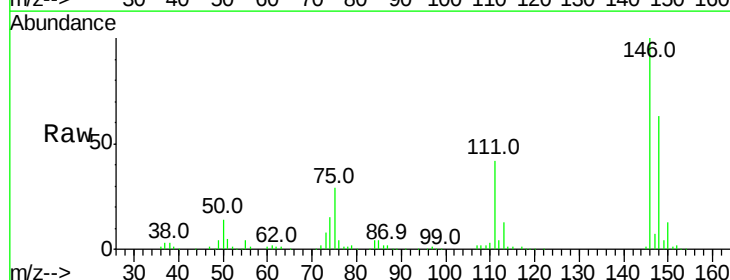
RT: 7.12 min Scan# 813

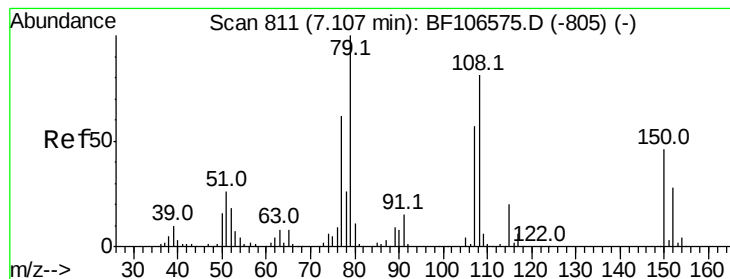
Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	146	Resp:	171482
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	75.8
111	42.1	36.0	54.0





#15

Benzyl Alcohol

Concen: 37.398 ng

RT: 7.10 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

ClientSampleId :

PB110801BS

Tot Ion: 79 Resp: 131899

Ion Ratio Lower Upper

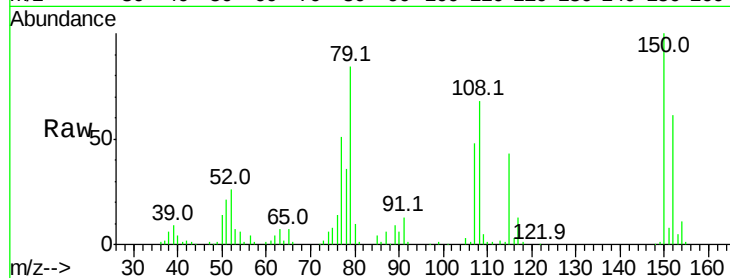
79 100

108 80.6 65.1 97.7

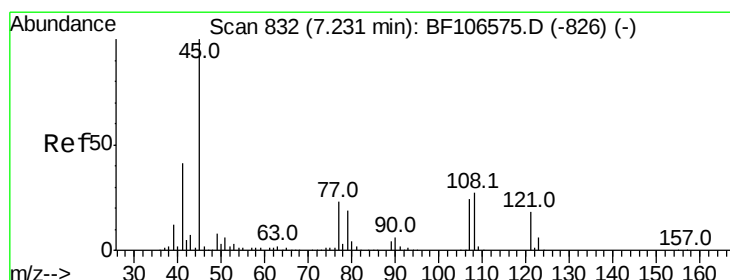
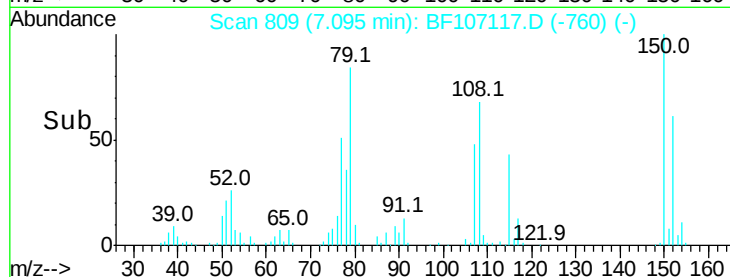
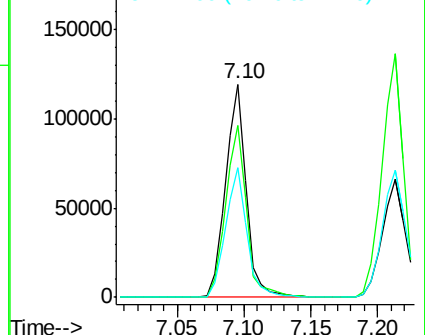
77 60.8 50.6 75.8

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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.959 ng

RT: 7.22 min Scan# 830

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

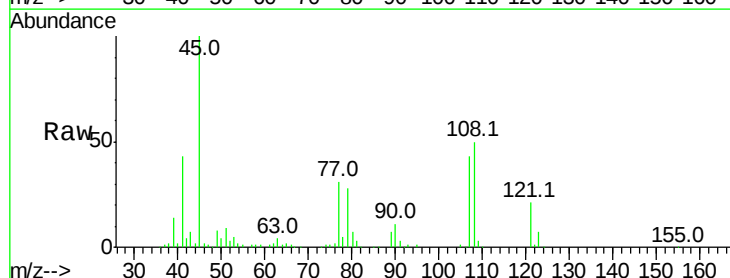
Tgt Ion: 45 Resp: 216961

Ion Ratio Lower Upper

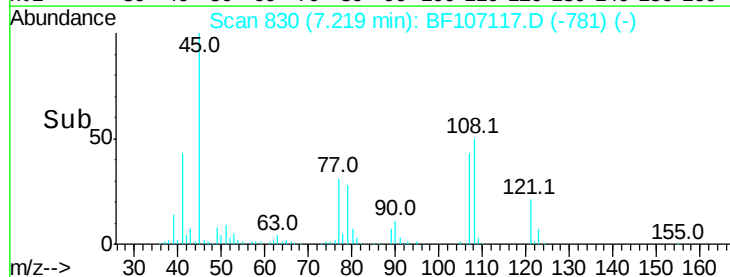
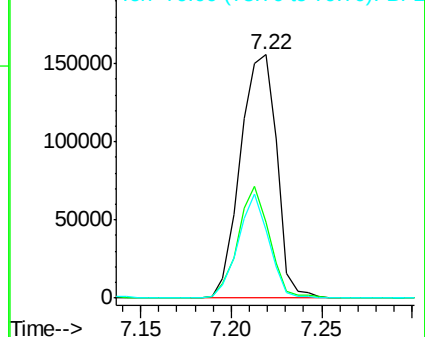
45 100

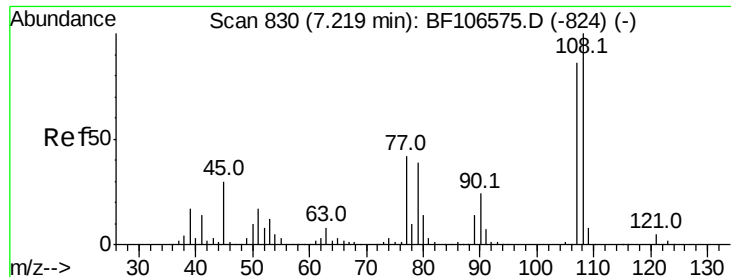
77 31.1 0.0 32.9

79 27.9 0.0 29.6



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 40.336 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

ClientSampleId :

PB110801BS

Tot Ion:107 Resp: 133165
Ion Ratio Lower Upper

107 100

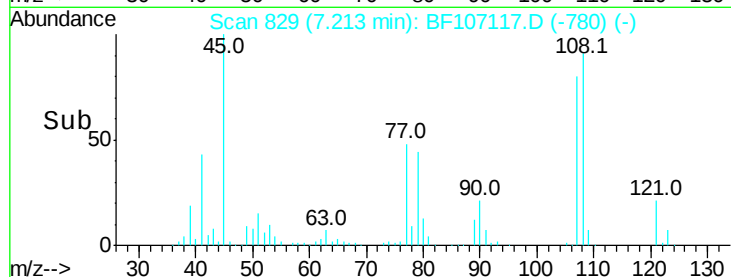
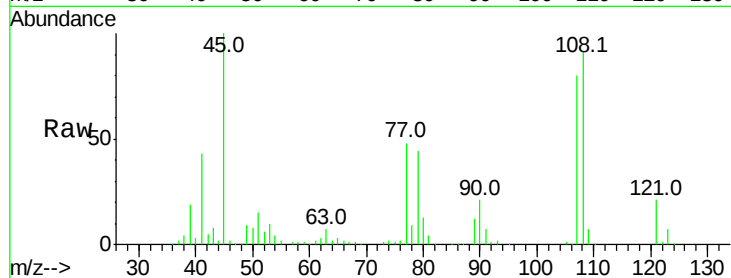
108 112.9 91.7 137.5

77 59.1 33.8 50.8#

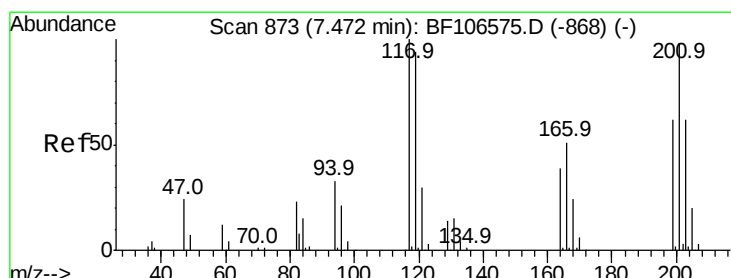
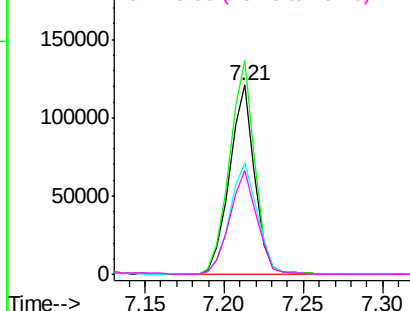
79 54.7 33.8 50.8#

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



#18

Hexachloroethane

Concen: 39.505 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107117.D

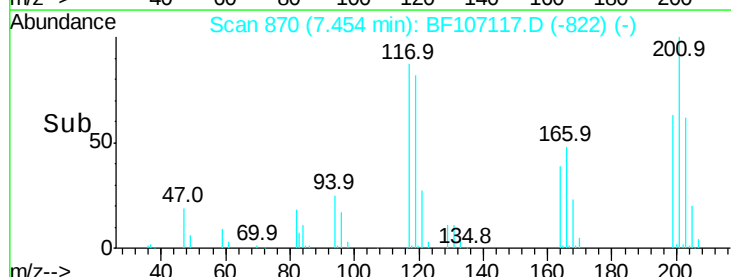
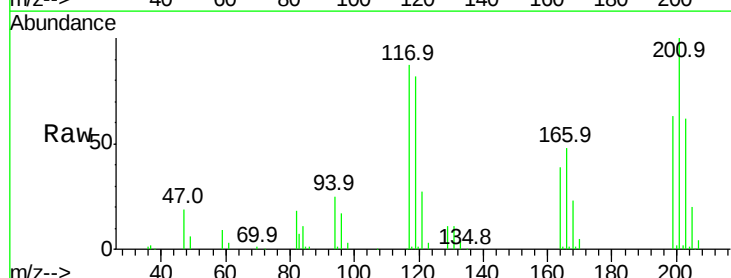
Acq: 5 Jul 2018 10:52

Tgt Ion:117 Resp: 63460
Ion Ratio Lower Upper

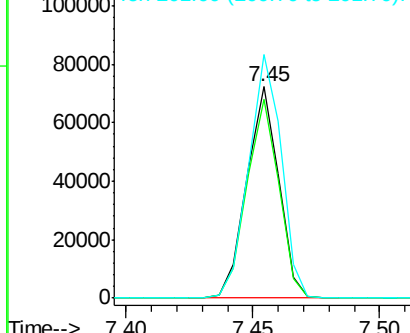
117 100

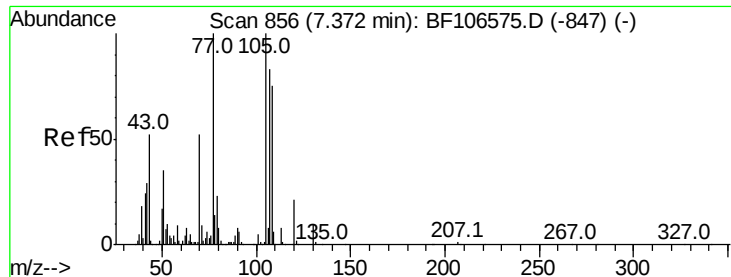
119 94.3 75.8 113.8

201 115.2 75.7 113.5#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





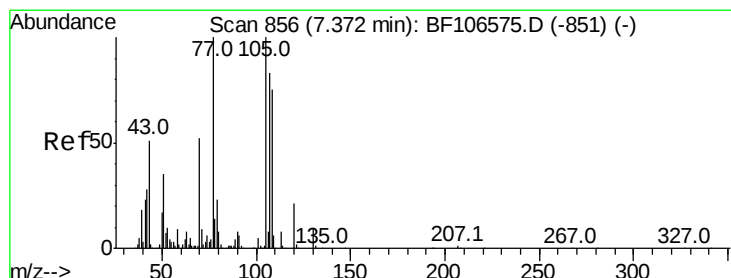
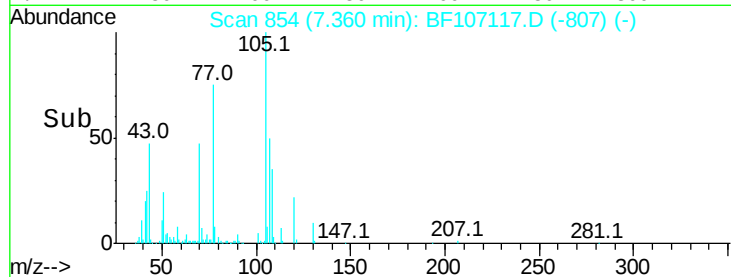
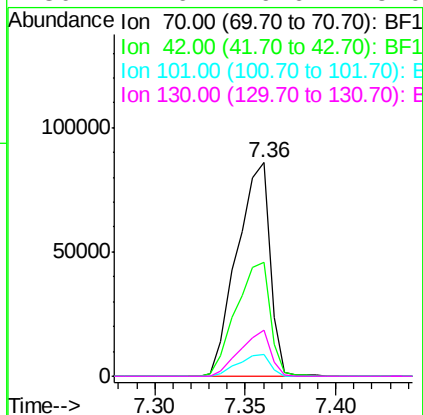
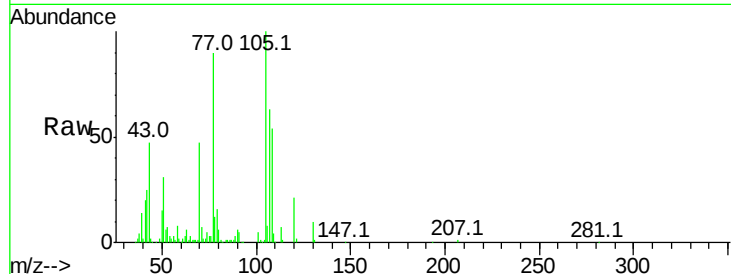
#19
n-Nitroso-di-n-propylamine
Concen: 37.561 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.6	47.5	71.3
101	10.2	7.4	11.2
130	21.6	16.6	25.0

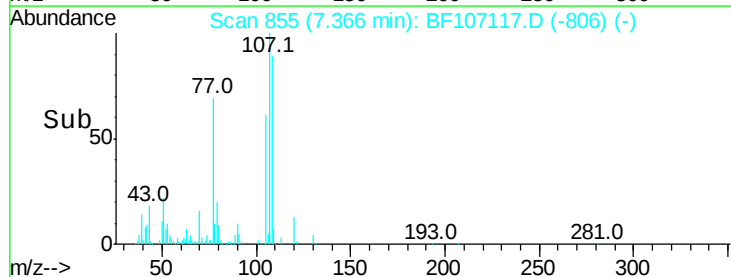
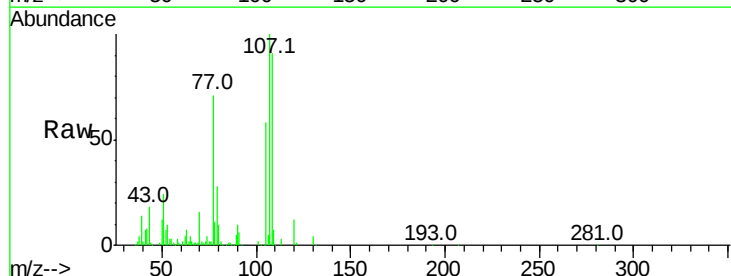
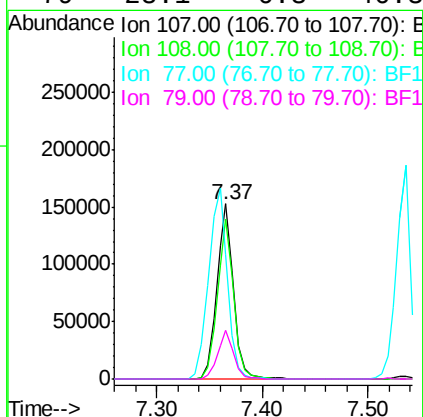
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#20
3+4-Methylphenols
Concen: 48.749 ng
RT: 7.37 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	68.2	108.2
77	70.8	26.7	66.7#
79	28.1	6.3	46.3





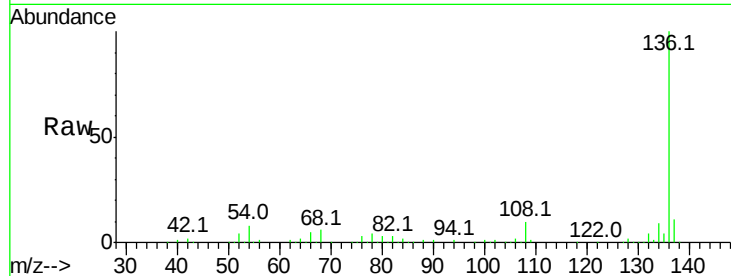
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

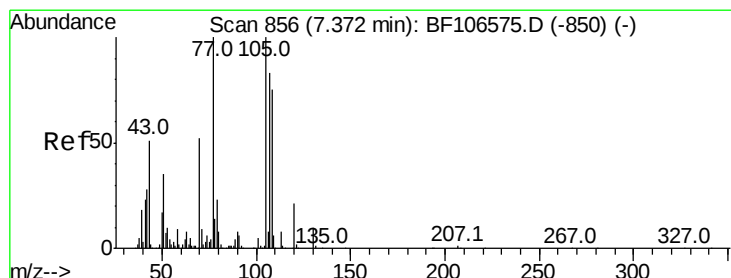
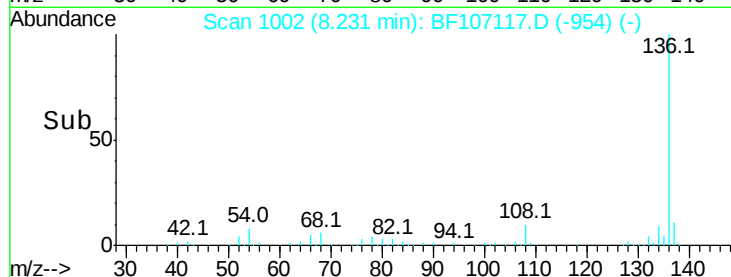
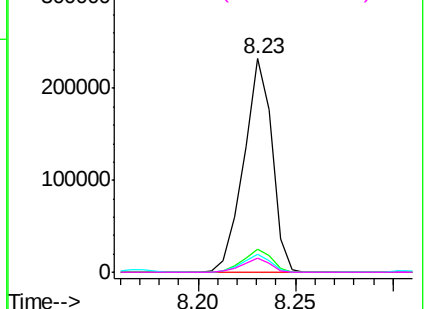
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.9	8.9	13.3	
54	8.2	6.6	9.8	
68	6.4	5.0	7.4	

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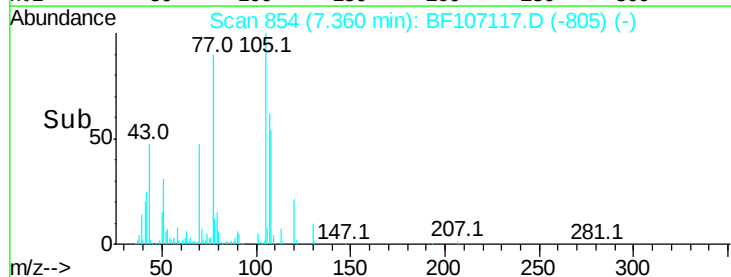
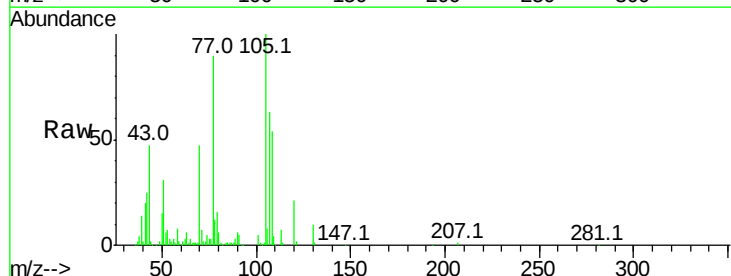
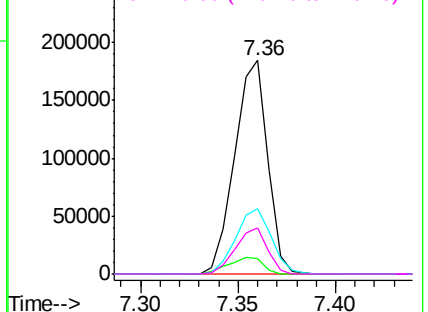
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

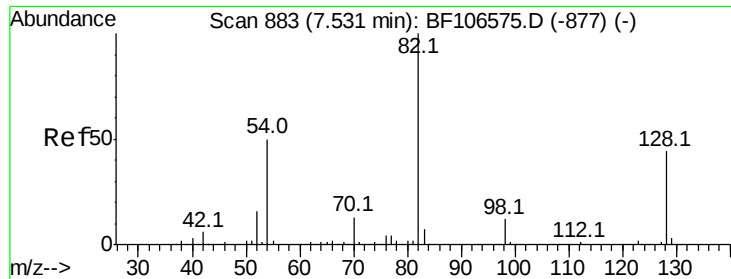


#22
Acetophenone
Concen: 41.347 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.3	4.4	6.6#	
51	30.7	22.3	33.5	
120	21.3	16.9	25.3	

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





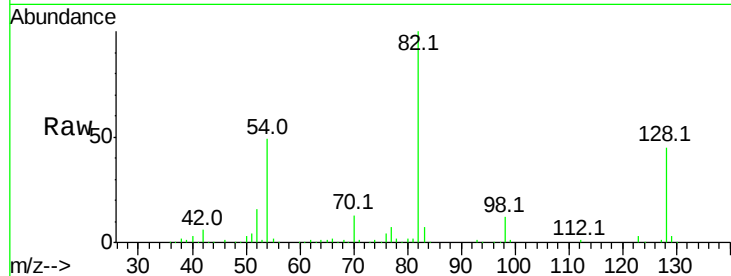
#23
Nitrobenzene-d5
Concen: 79.760 ng
RT: 7.52 min Scan# 881
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

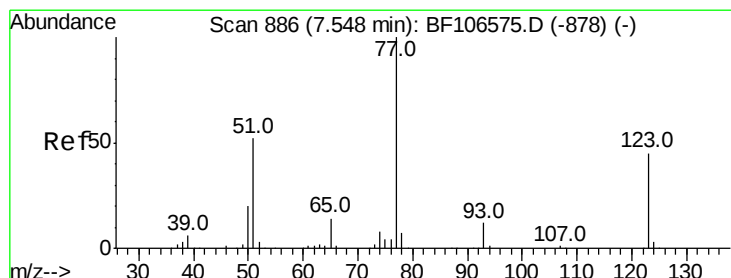
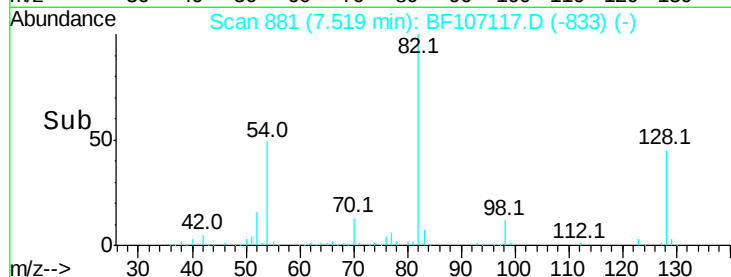
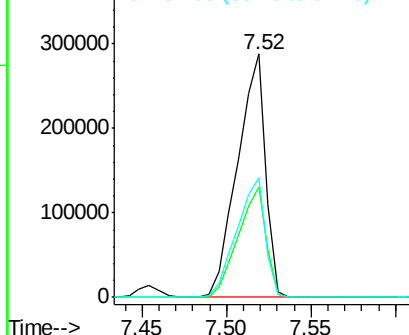
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.4	36.1	54.1	
54	49.0	41.4	62.2	

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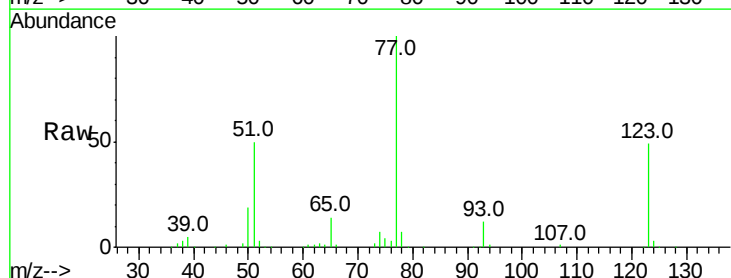


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

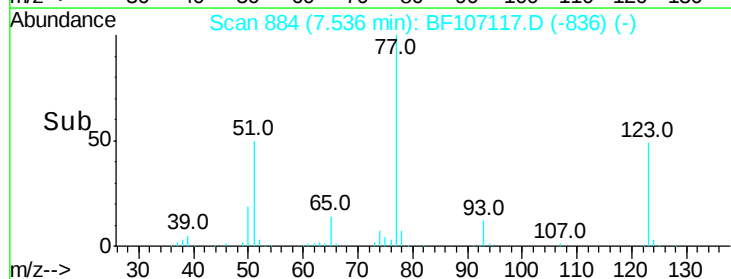
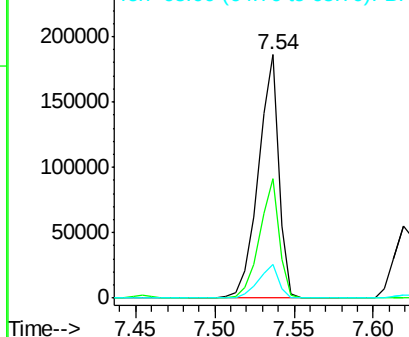


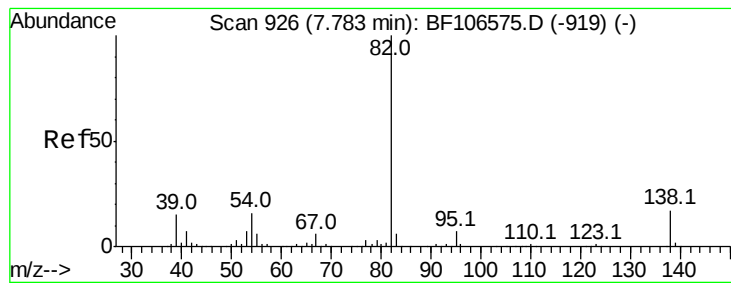
#24
Nitrobenzene
Concen: 39.470 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	48.8	37.9	56.9	
65	13.8	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: 42.148 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

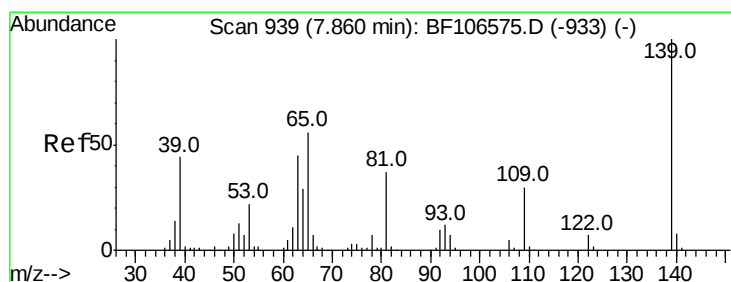
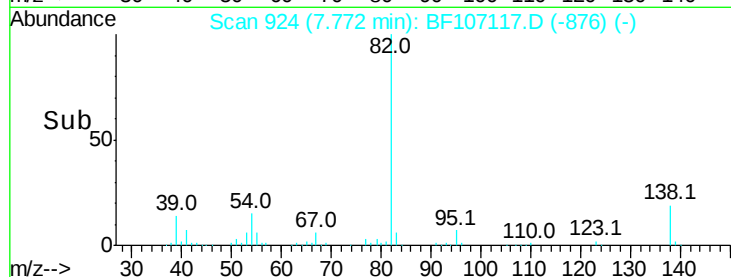
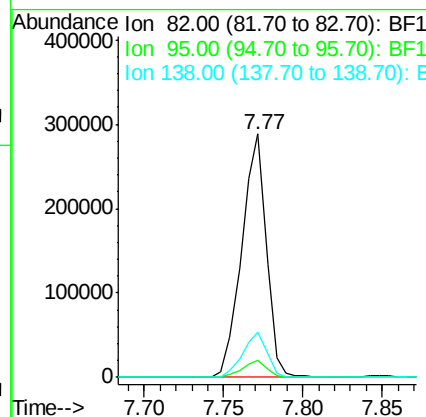
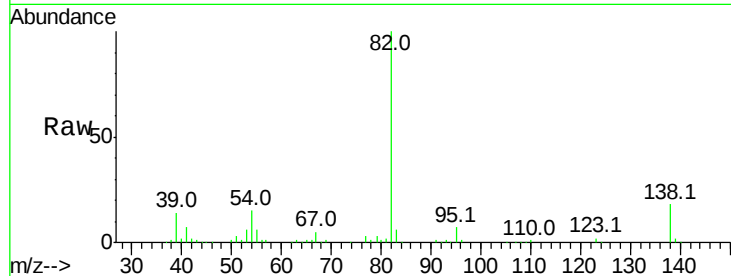
ClientSampleId :

PB110801BS

Tot Ion:	82	Resp:	310319
Ion Ratio	Lower	Upper	
82	100		
95	7.0	5.2	7.8
138	18.5	14.9	22.3

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#26

2-Nitrophenol

Concen: 44.675 ng

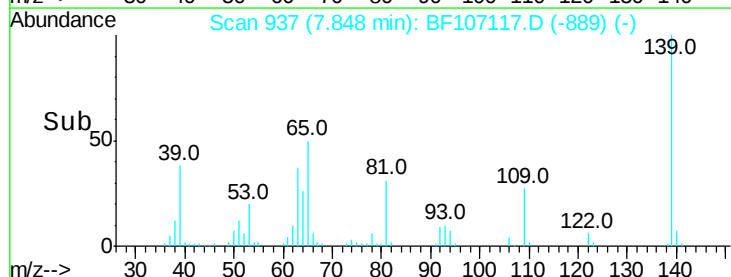
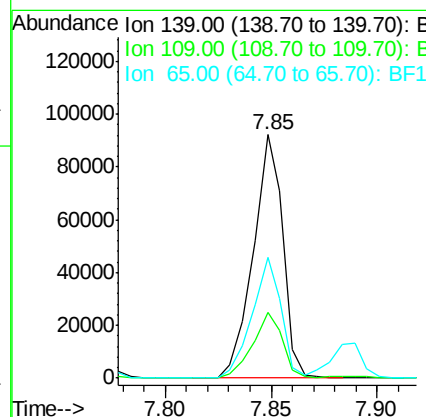
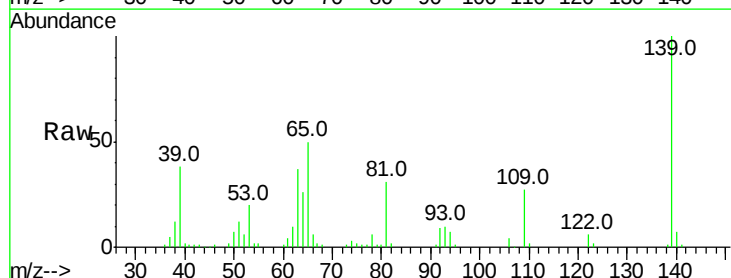
RT: 7.85 min Scan# 937

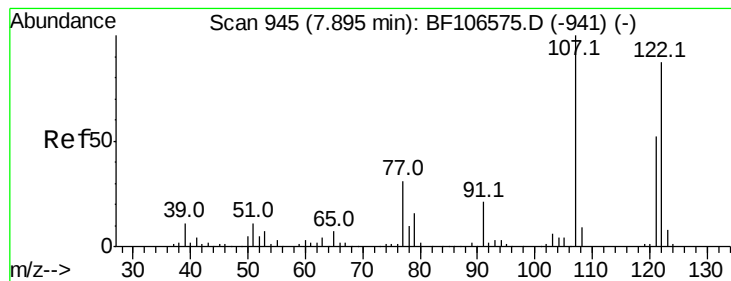
Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	139	Resp:	89964
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	49.8	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 47.035 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

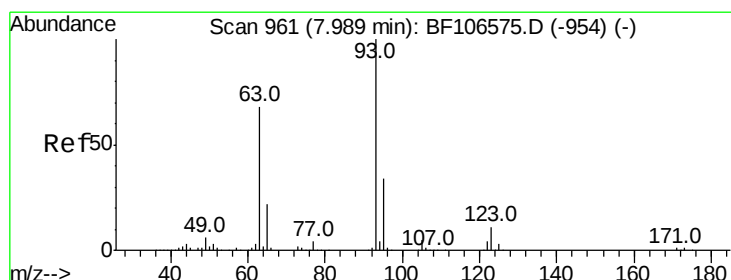
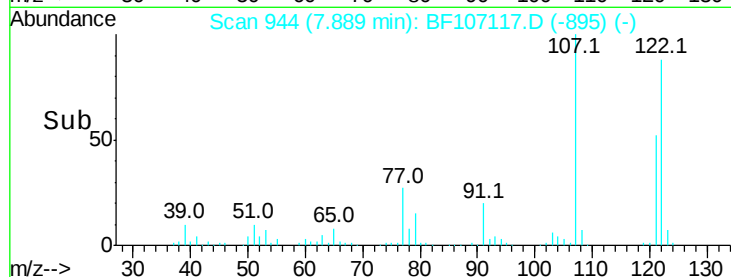
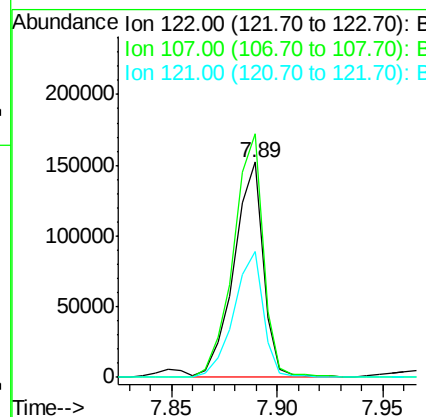
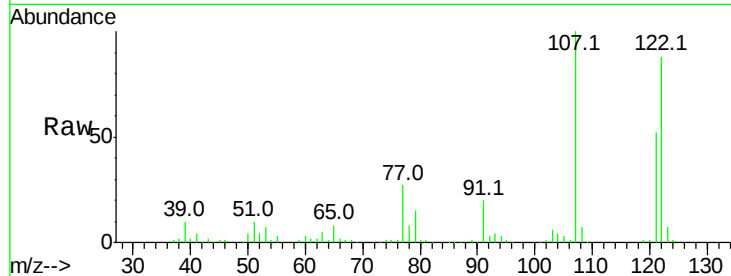
ClientSampleId :

PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	146399		
107	113.2	91.2	136.8	
121	58.7	47.2	70.8	

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#28

bis(2-Chloroethoxy)methane

Concen: 40.182 ng

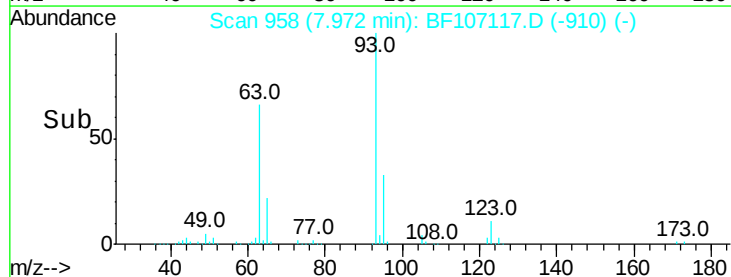
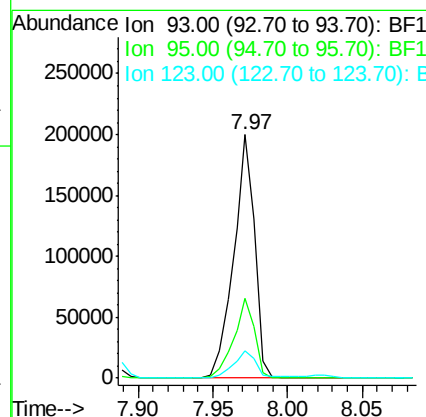
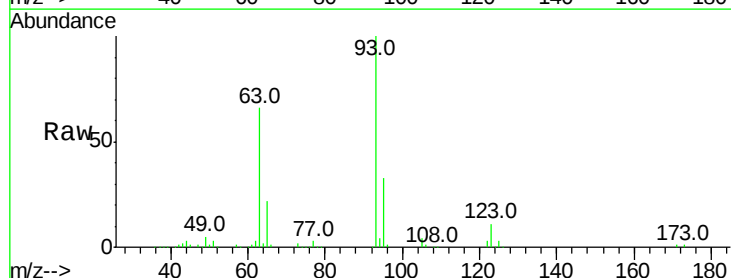
RT: 7.97 min Scan# 958

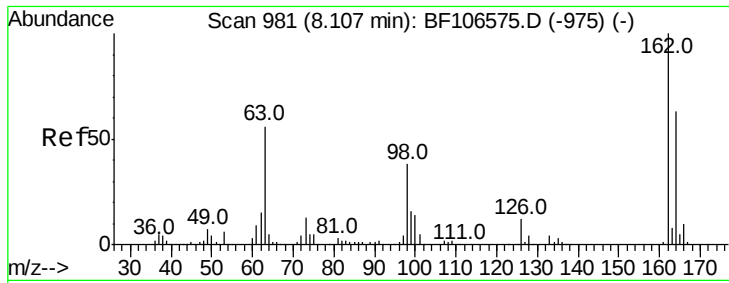
Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	198636		
95	32.8	26.3	39.5	
123	11.0	9.8	14.6	





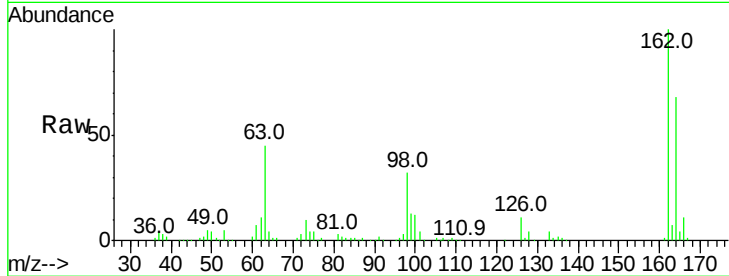
#29
 2,4-Dichlorophenol
 Concen: 45.245 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

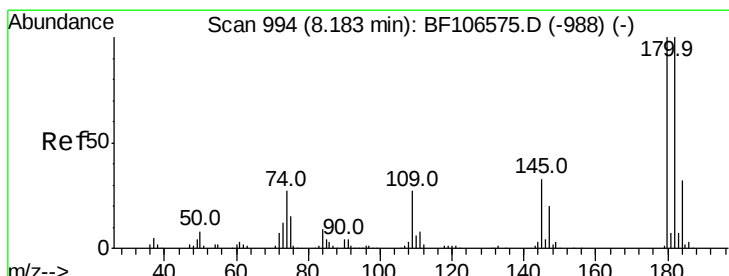
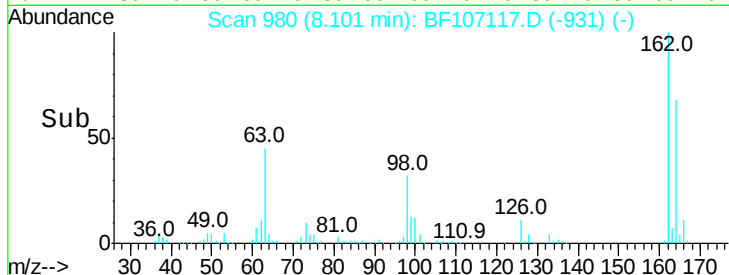
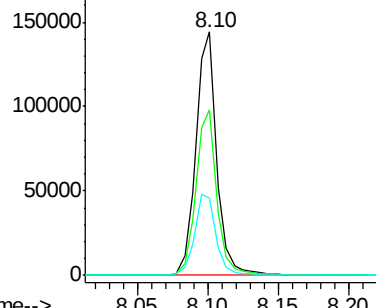
Tot Ion:	162	Resp:	147437
Ion Ratio	Lower	Upper	
162	100		
164	68.1	42.7	82.7
98	31.6	18.1	58.1

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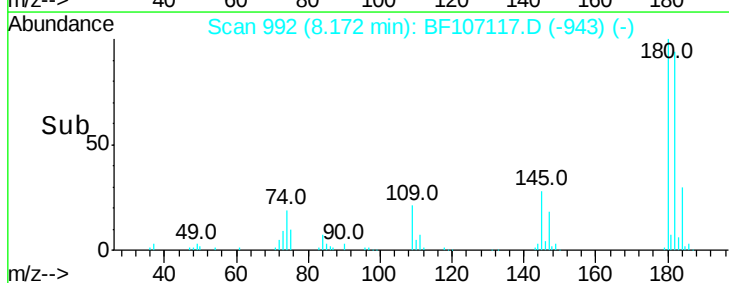
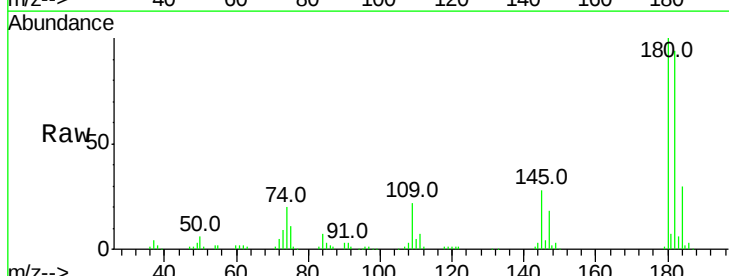
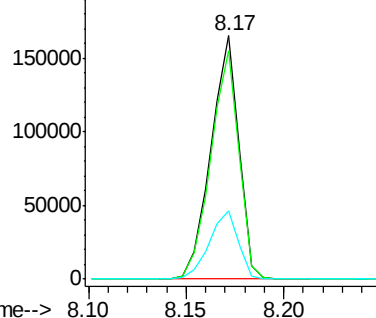
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

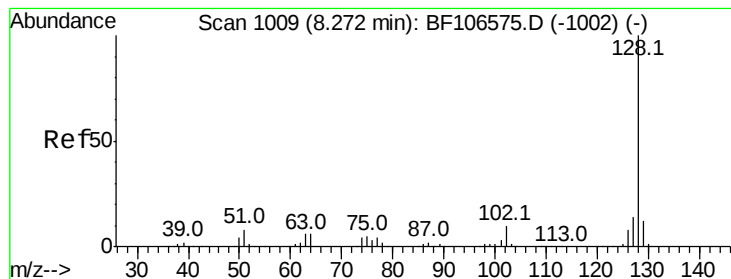


#30
 1,2,4-Trichlorobenzene
 Concen: 45.505 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion:	180	Resp:	163353
Ion Ratio	Lower	Upper	
180	100		
182	93.9	76.8	115.2
145	28.2	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: 42.299 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

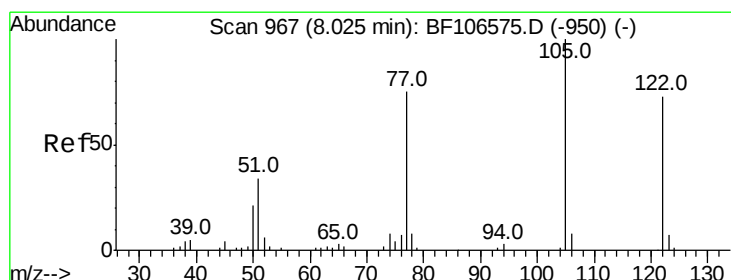
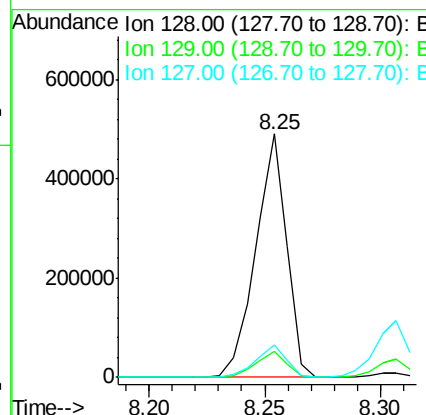
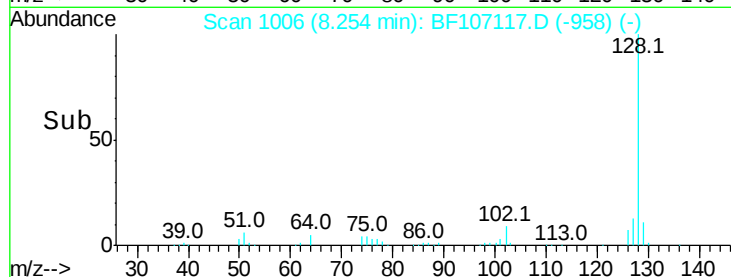
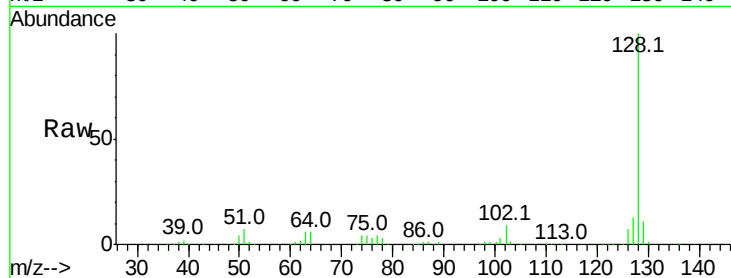
ClientSampleId :

PB110801BS

Tot Ion:	128	Resp:	459192
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 33.922 ng

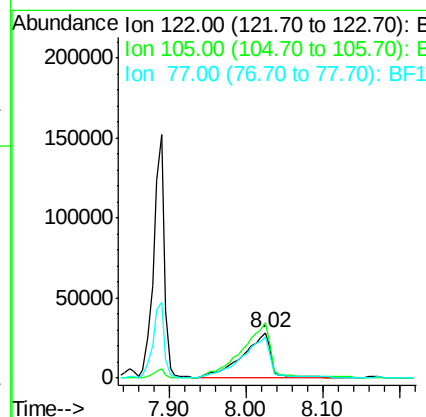
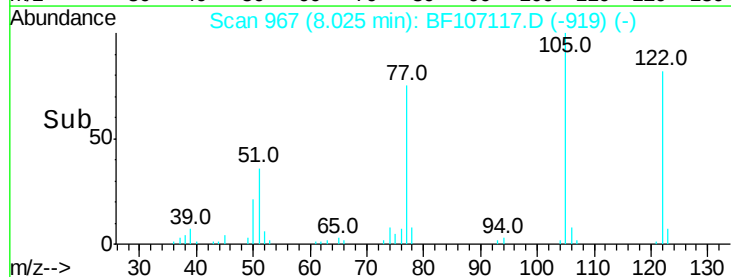
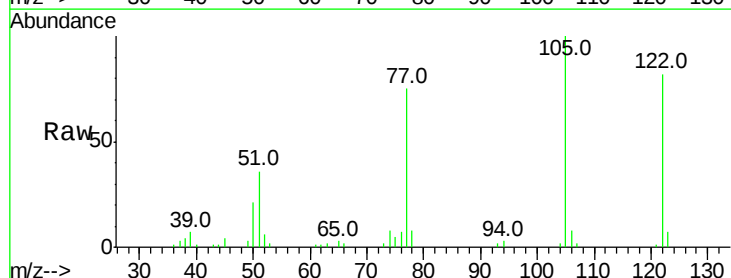
RT: 8.02 min Scan# 967

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	122	Resp:	72480
Ion Ratio	Lower	Upper	
122	100		
105	121.2	101.1	141.1
77	90.8	70.7	110.7





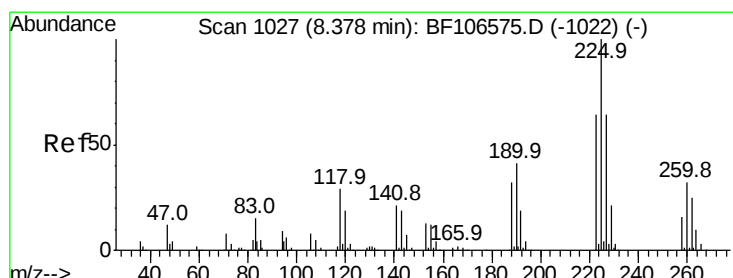
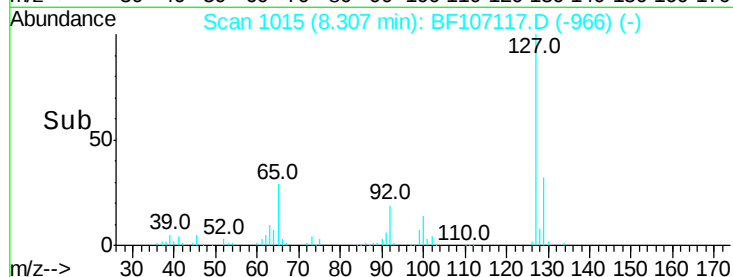
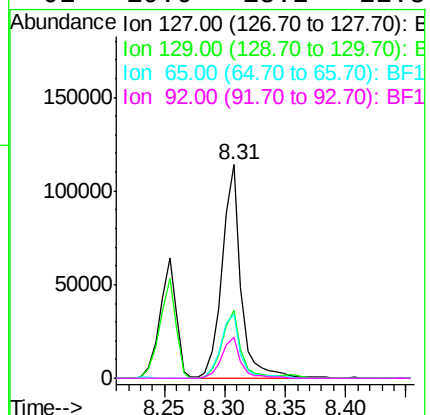
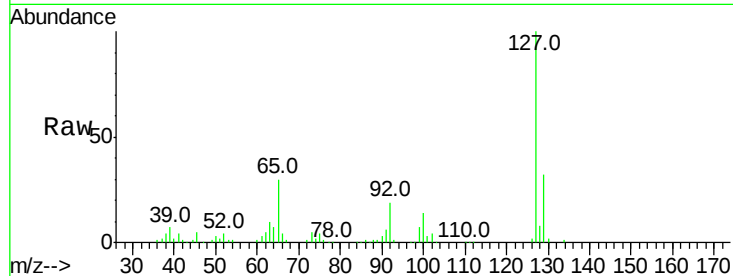
#33
4-Chloroaniline
Concen: 26.985 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.7	25.9	38.9	
65	29.8	25.0	37.4	
92	19.0	15.2	22.8	

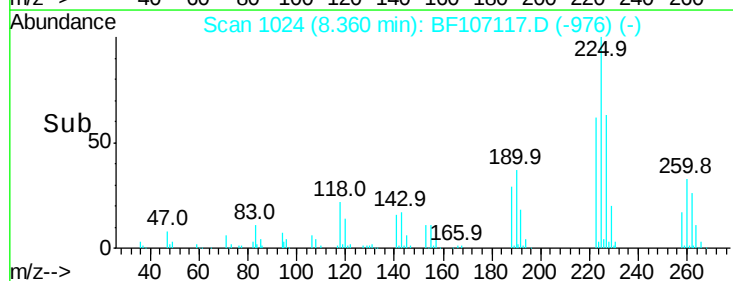
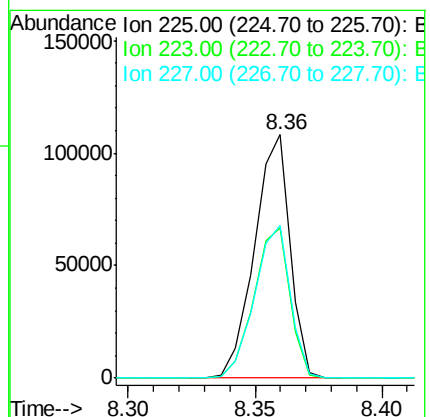
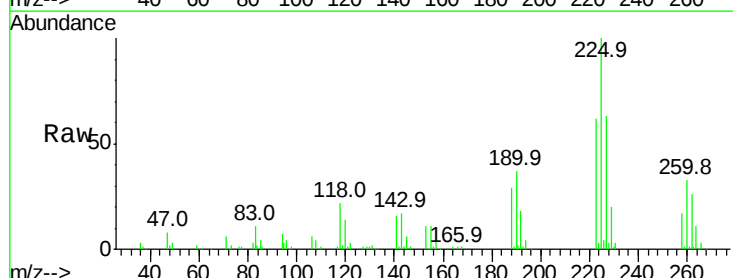
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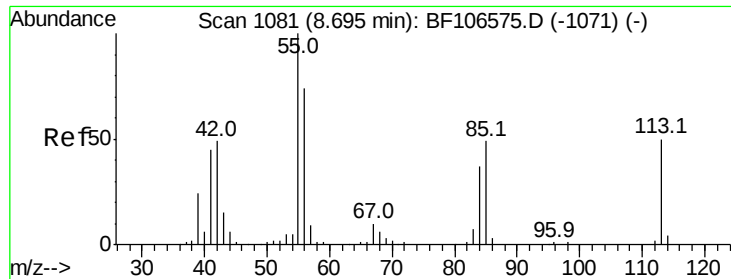
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#34
Hexachlorobutadiene
Concen: 45.214 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.5	50.6	76.0	
227	62.5	51.9	77.9	





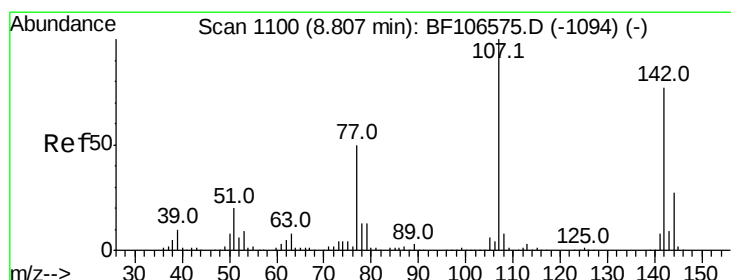
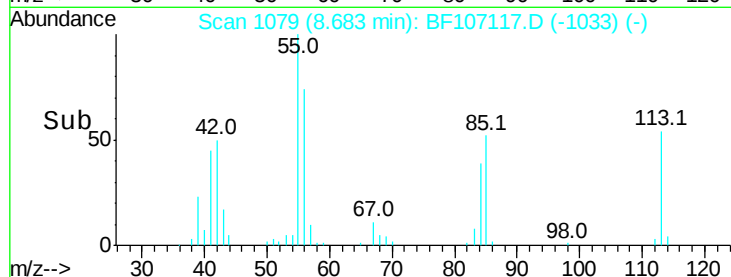
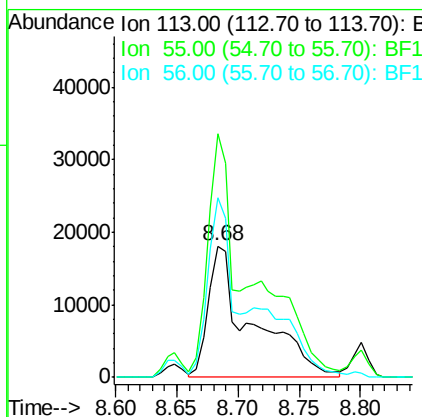
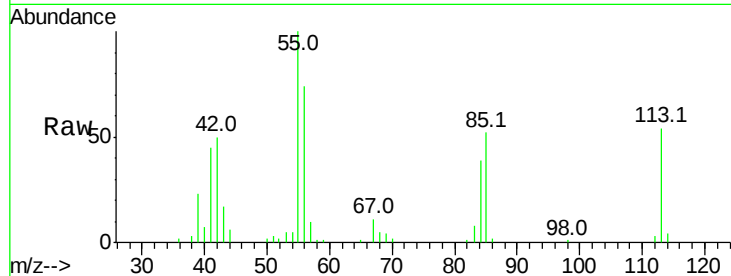
#35
 Caprolactam
 Concen: 41.671 ng/ml
 RT: 8.68 min Scan# 1079
 Delta R.T. -0.03 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleID :
 PB110801BS

Tot Ion:113 Resp: 44264
 Ion Ratio Lower Upper
 113 100
 55 185.8 163.3 203.3
 56 137.1 115.7 155.7

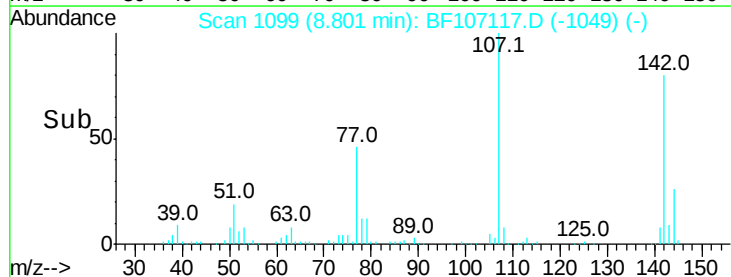
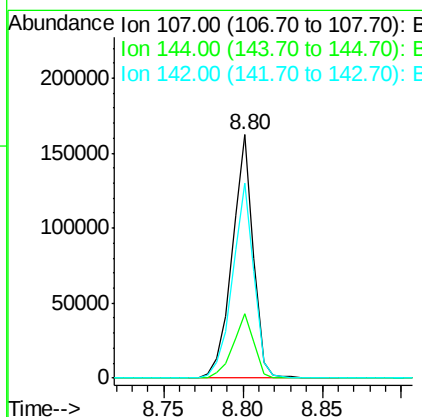
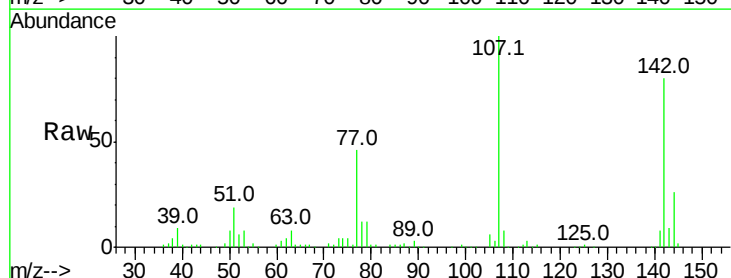
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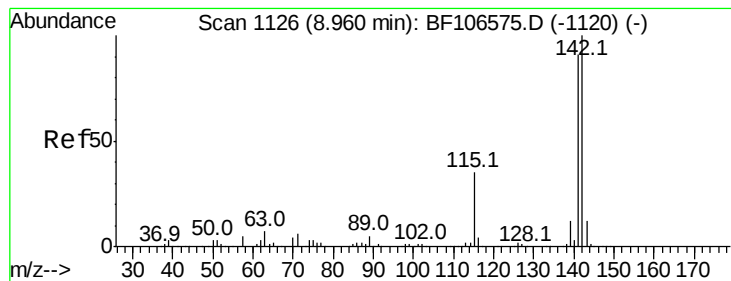
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#36
 4-Chloro-3-methylphenol
 Concen: 43.604 ng/ml
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion:107 Resp: 149557
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.5 30.7
 142 80.0 62.0 93.0





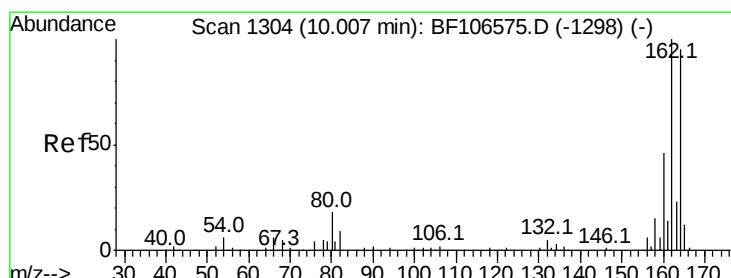
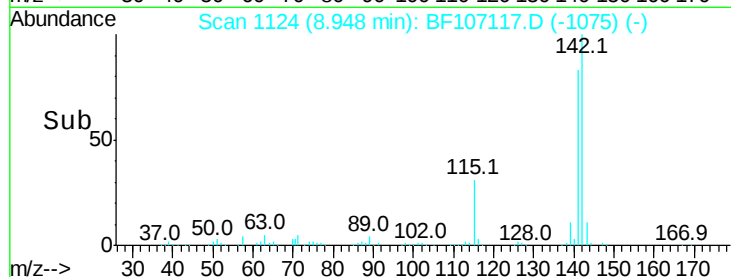
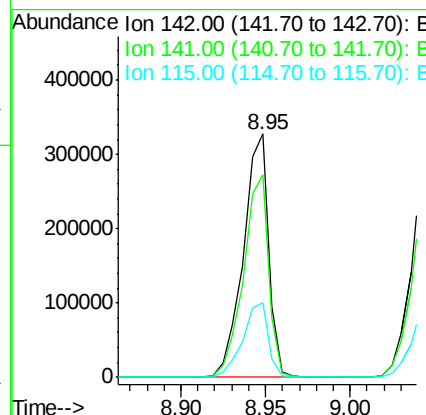
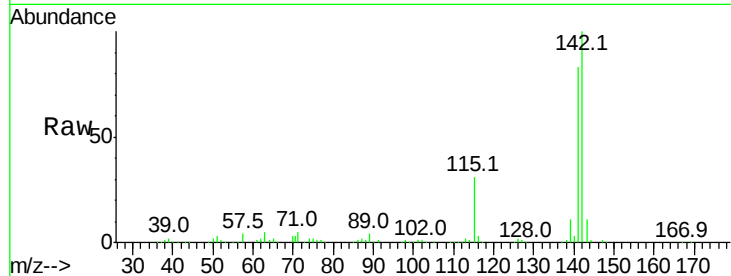
#37
2-Methylnaphthalene
Concen: 47.517 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.2	70.8	106.2
115	30.8	26.1	39.1

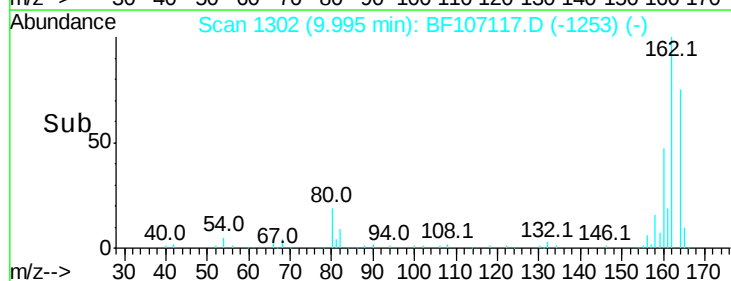
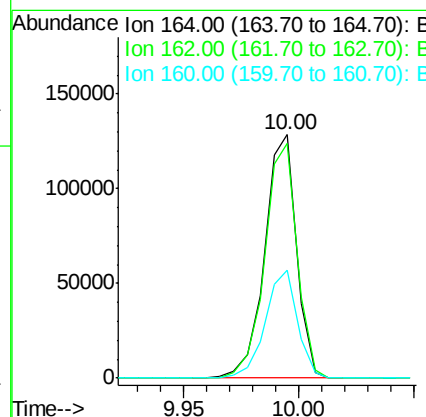
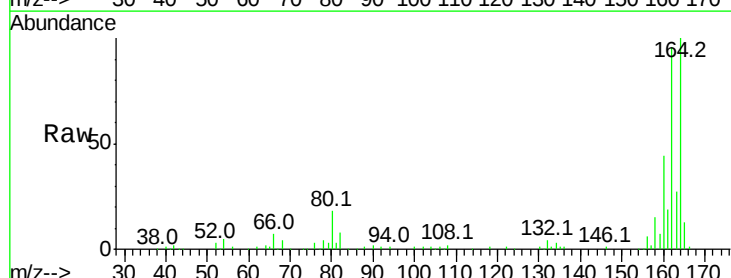
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.1	86.1	129.1
160	44.3	38.3	57.5





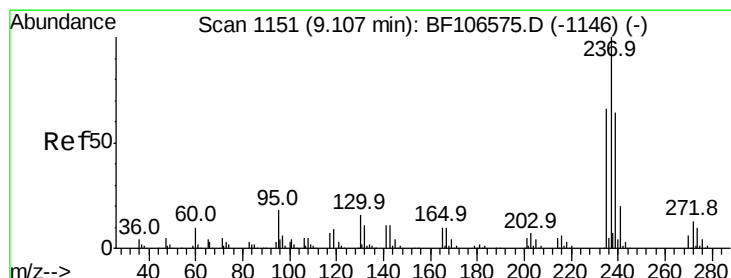
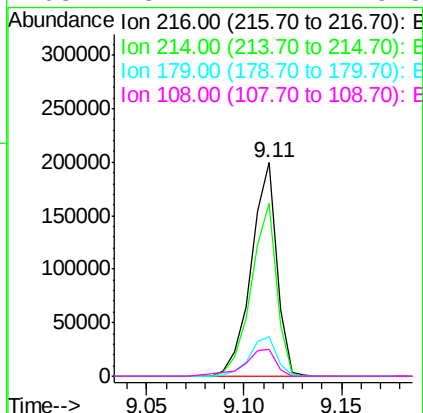
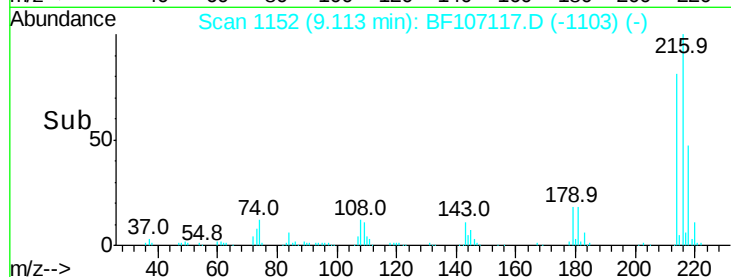
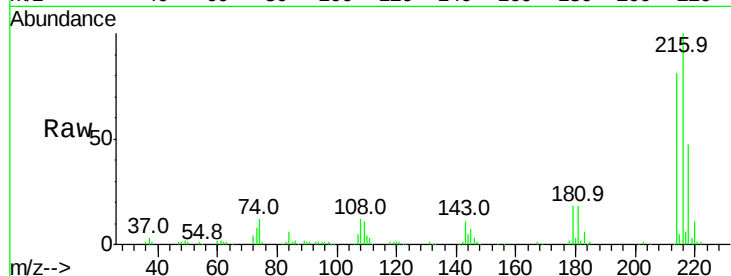
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.855 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Resp Lower	Resp Upper
216	100		
214	79.9	63.0	94.4
179	19.4	18.1	27.1
108	15.4	17.2	25.8

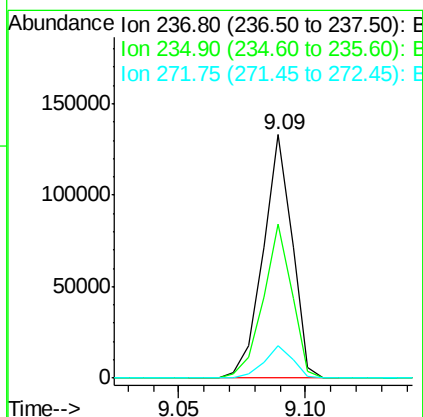
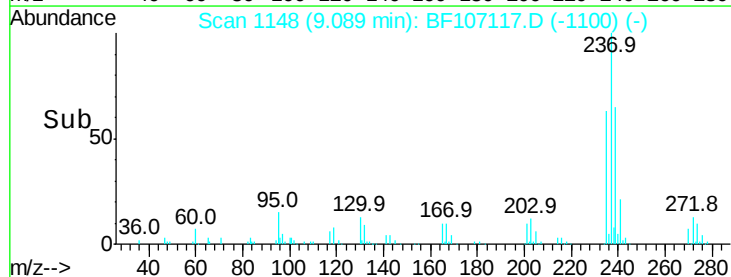
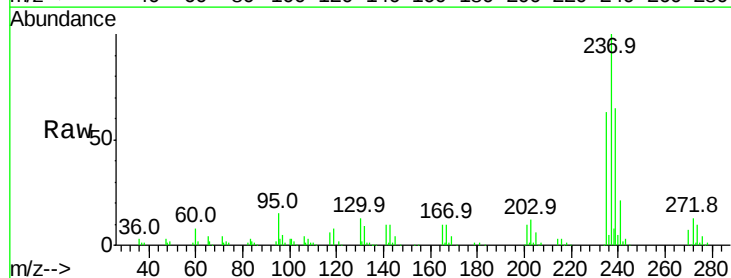
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#40
 Hexachlorocyclopentadiene
 Concen: 50.198 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	63.4	44.8	84.8
272	13.2	0.0	33.3





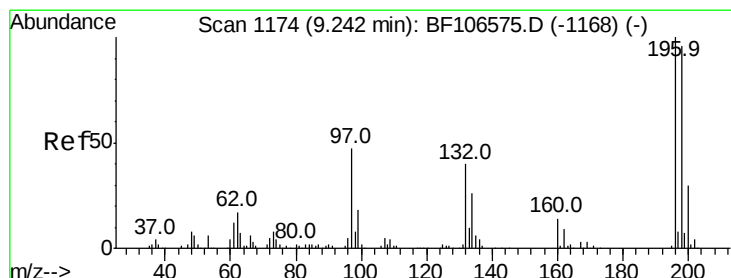
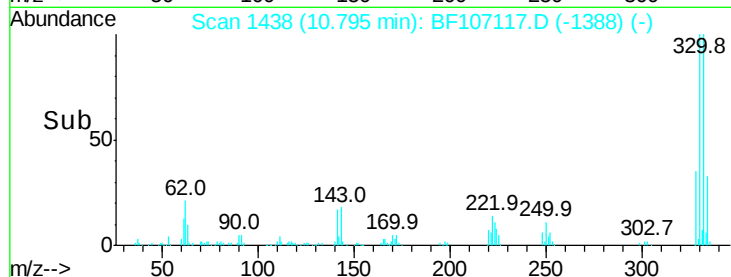
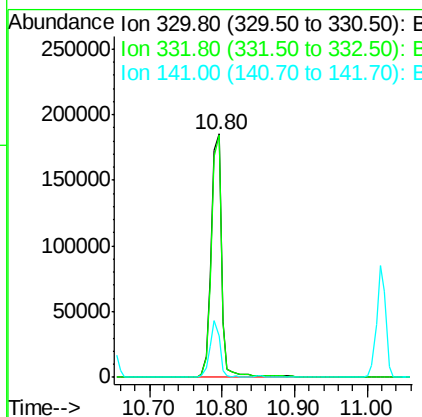
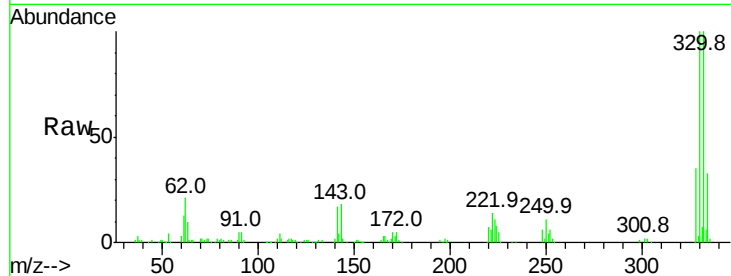
#41
 2,4,6-Tribromophenol
 Concen: 132.041 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.5	77.0	115.6	
141	21.9	29.9	44.9	

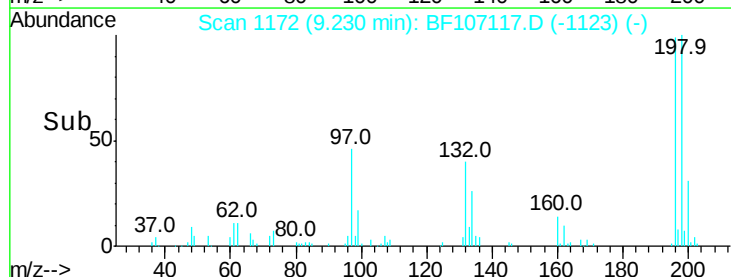
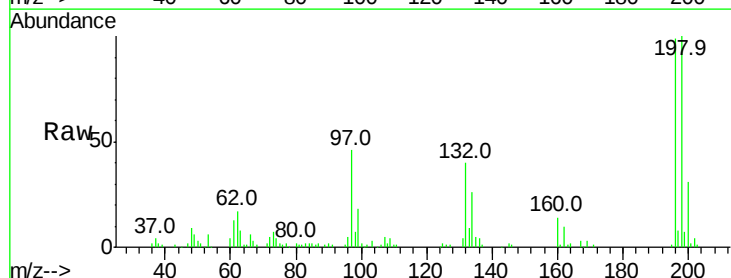
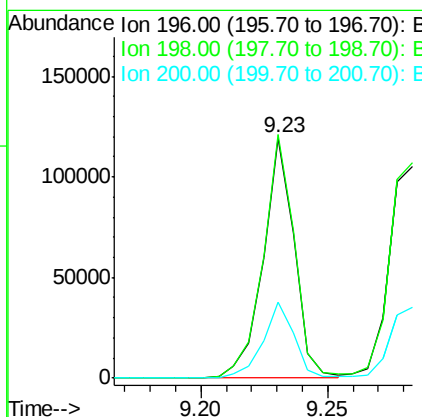
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#42
 2,4,6-Trichlorophenol
 Concen: 37.560 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.4	75.7	113.5	
200	31.7	24.5	36.7	





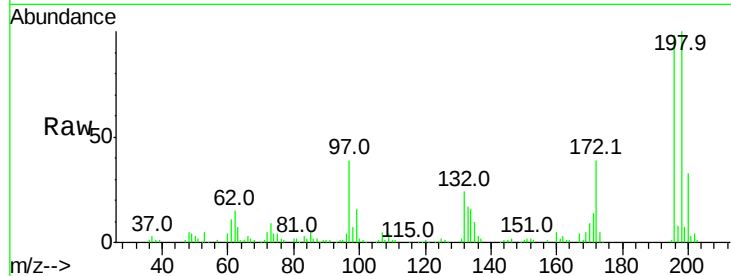
#43
 2,4,5-Trichlorophenol
 Concen: 36.939 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.9	74.6	112.0	
97	39.6	42.9	64.3	
132	24.5	26.3	39.5	

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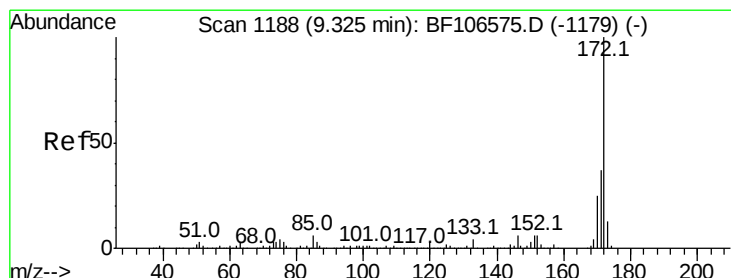
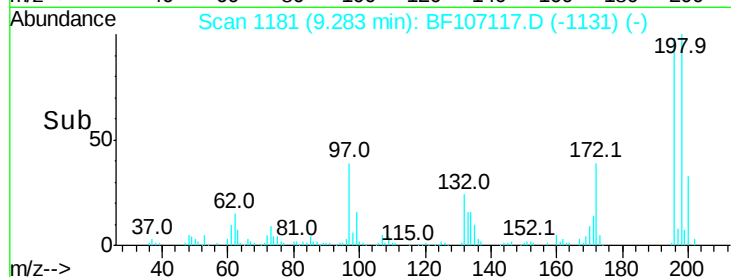
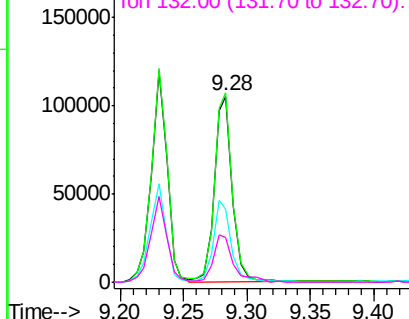
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 90.525 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

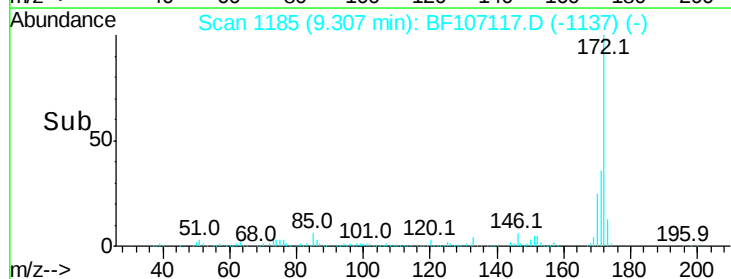
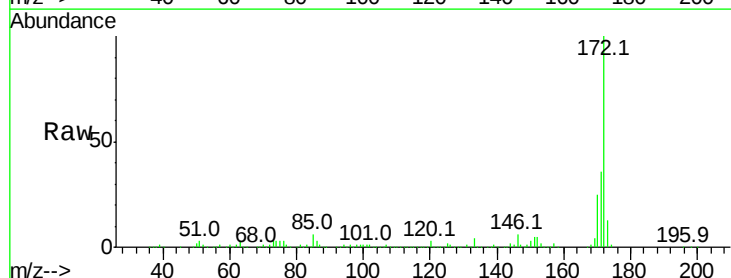
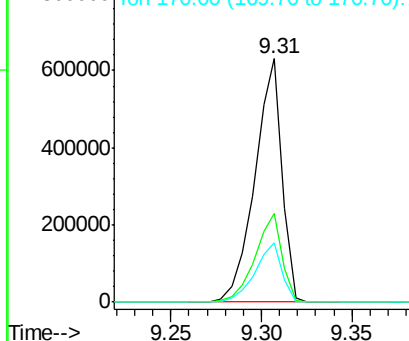
Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.3	29.7	44.5	
170	24.6	19.6	29.4	

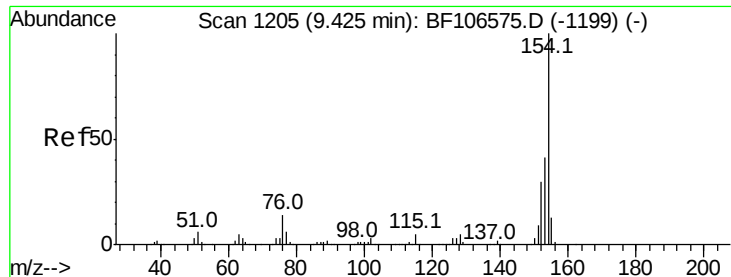
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 42.405 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

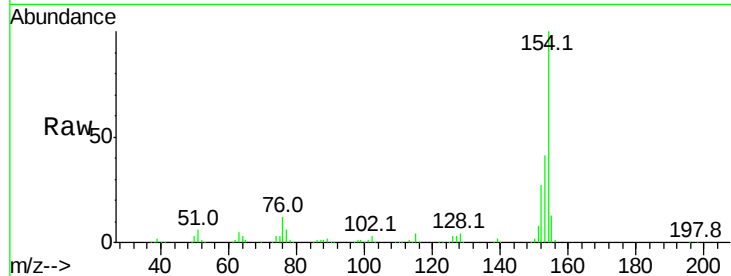
ClientSampleId :

PB110801BS

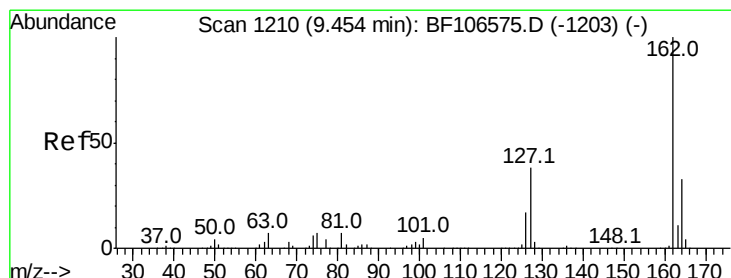
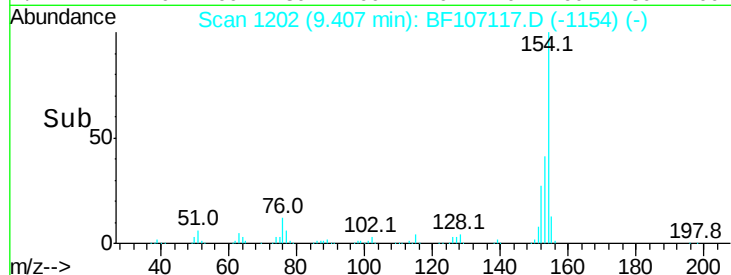
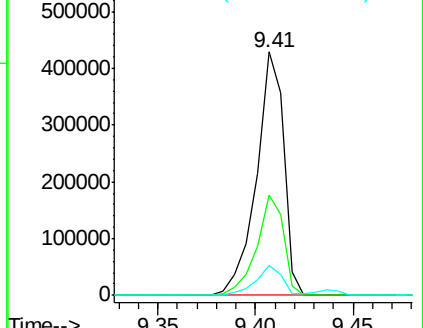
Tot Ion:	154	Resp:	415855
Ion Ratio	Lower	Upper	
154	100		
153	41.2	21.3	61.3
76	12.2	0.0	34.0

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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: 39.333 ng

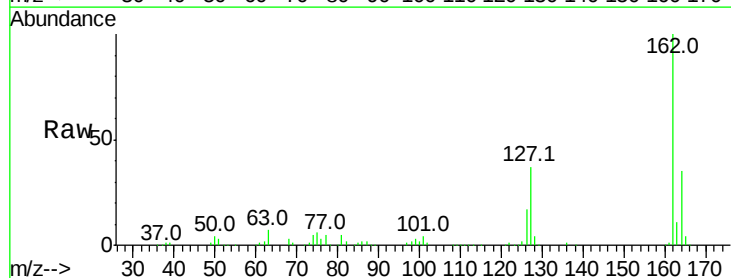
RT: 9.44 min Scan# 1208

Delta R.T. -0.01 min

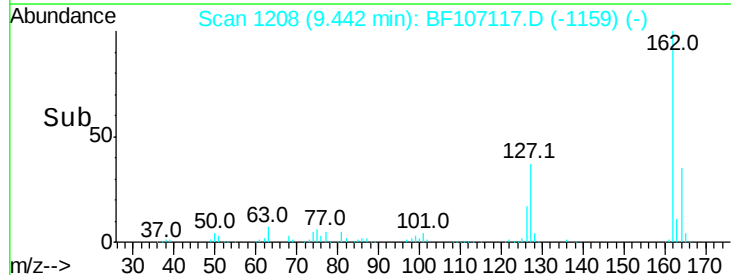
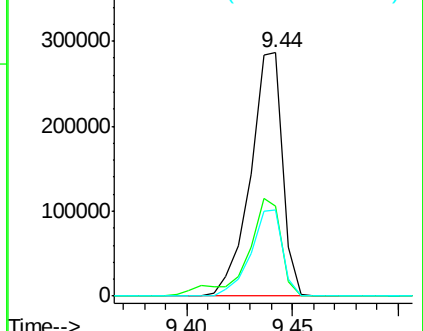
Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	162	Resp:	303623
Ion Ratio	Lower	Upper	
162	100		
127	36.9	33.9	50.9
164	35.2	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





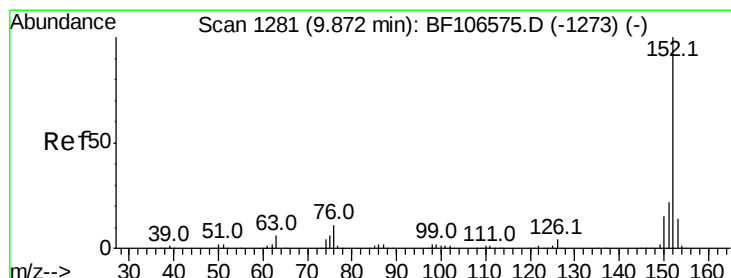
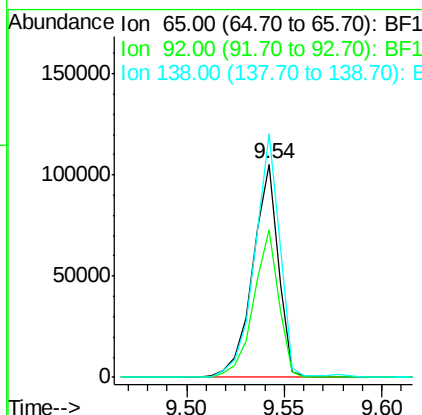
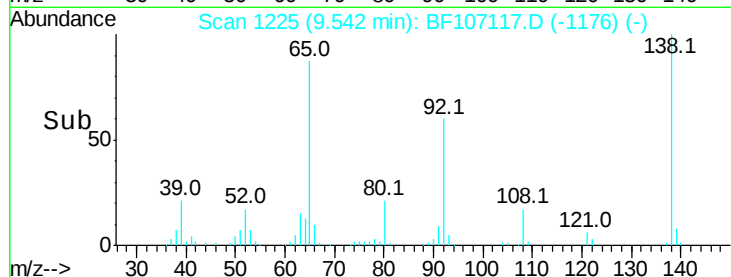
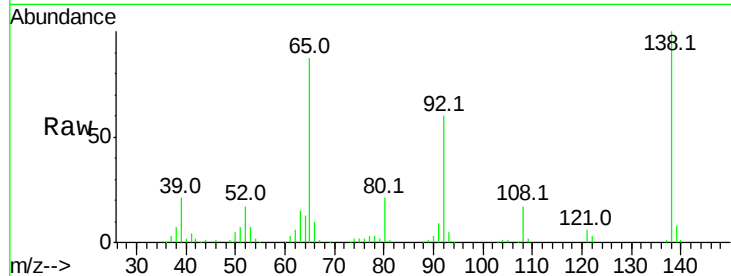
#47
 2-Nitroaniline
 Concen: 36.912 ng
 RT: 9.54 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	69.0	55.8	83.6
138	114.3	91.2	136.8

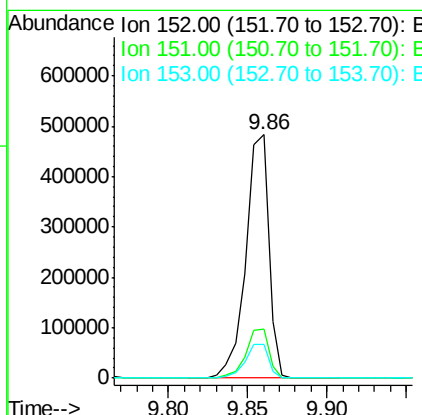
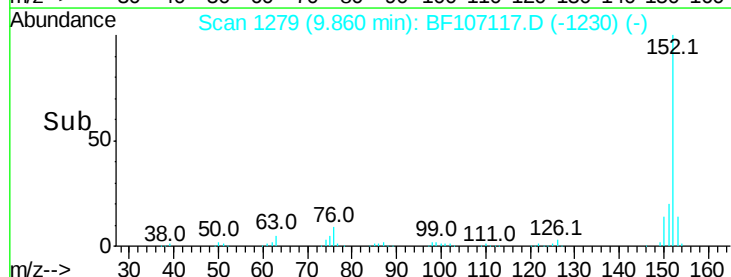
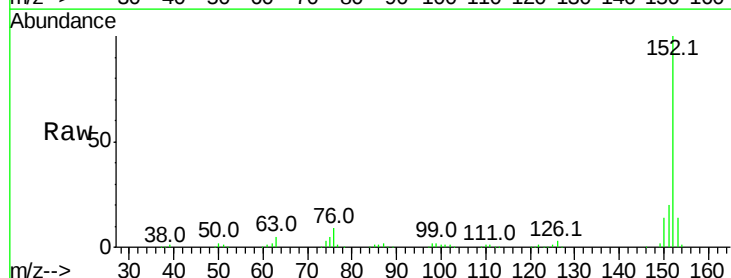
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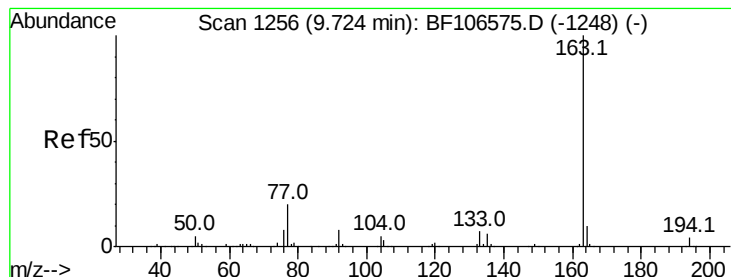
Sohil
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#48
 Acenaphthylene
 Concen: 39.858 ng
 RT: 9.86 min Scan# 1279
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.8	10.7	16.1





#49

Dimethylphthalate

Concen: 39.094 ng

RT: 9.71 min Scan# 1253

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

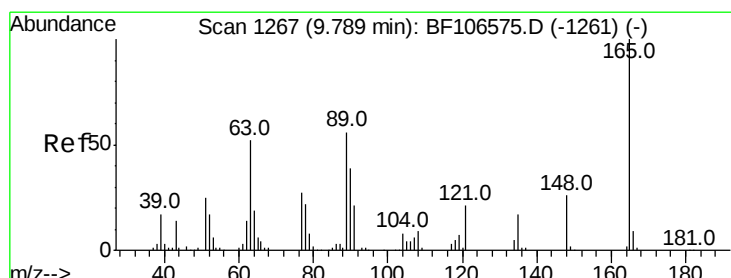
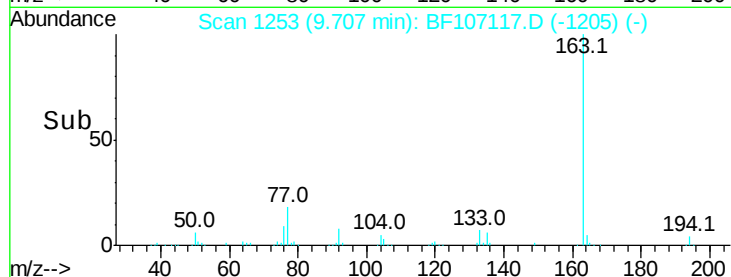
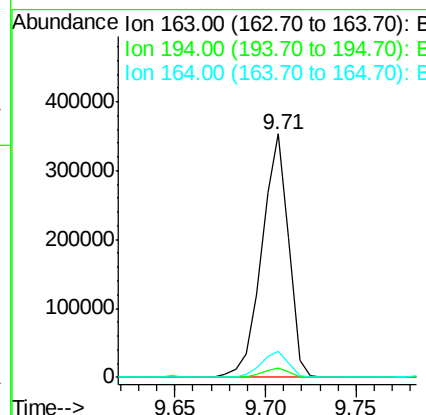
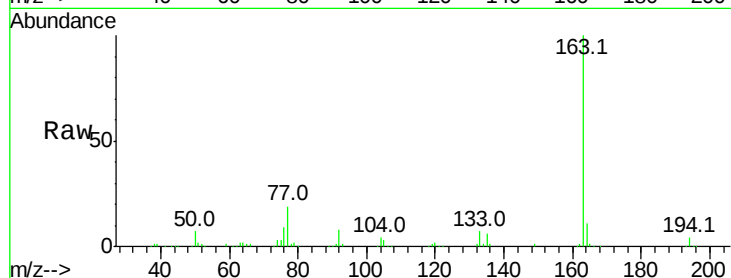
ClientSampleId :

PB110801BS

Tot Ion:	163	Resp:	360807
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.7	4.1
164	10.8	8.2	12.2

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#50

2,6-Dinitrotoluene

Concen: 43.186 ng

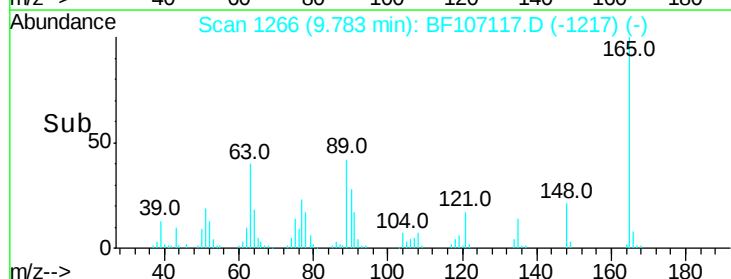
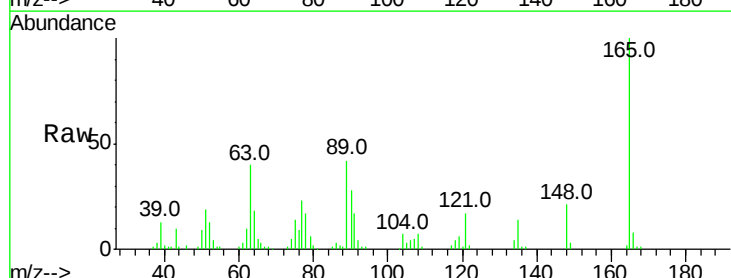
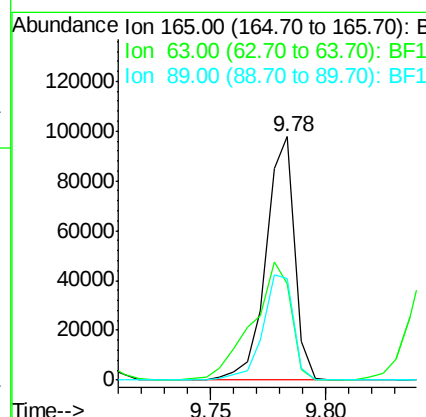
RT: 9.78 min Scan# 1266

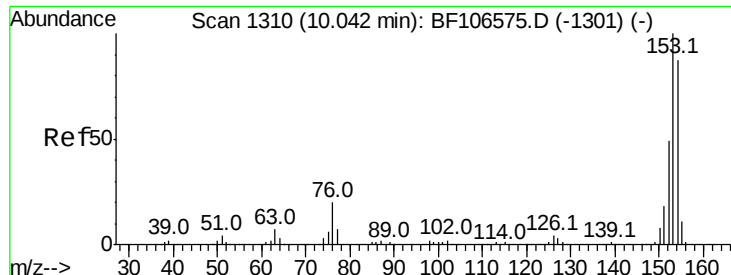
Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	165	Resp:	84399
Ion Ratio	Lower	Upper	
165	100		
63	39.7	44.7	67.1#
89	41.7	44.0	66.0#





#51

Acenaphthene

Concen: 37.982 ng

RT: 10.03 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

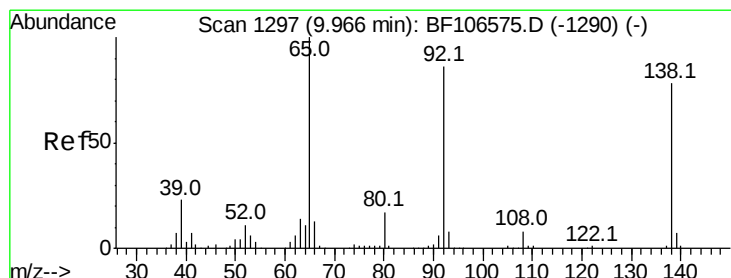
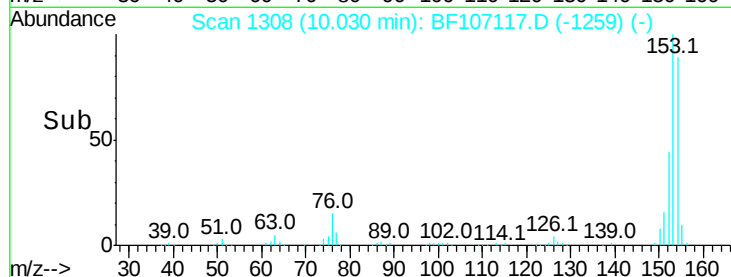
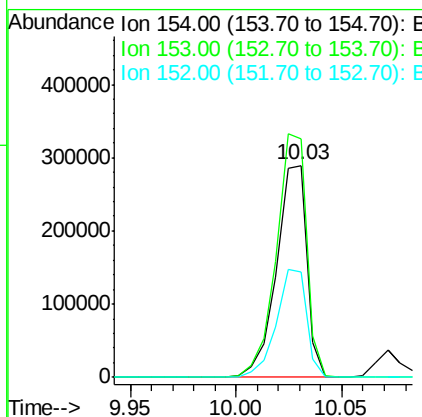
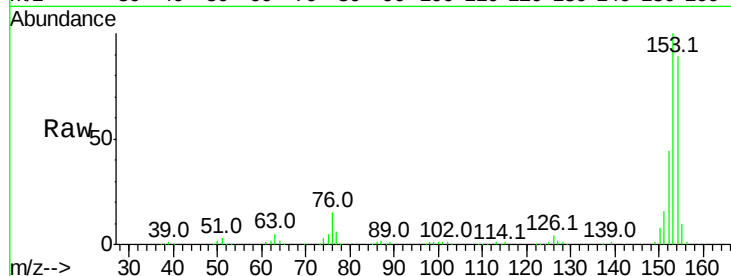
ClientSampleId :

PB110801BS

Tot Ion:	154	Resp:	291487
Ion Ratio	Lower	Upper	
154	100		
153	112.6	91.2	136.8
152	50.0	43.8	65.8

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#52

3-Nitroaniline

Concen: 28.817 ng

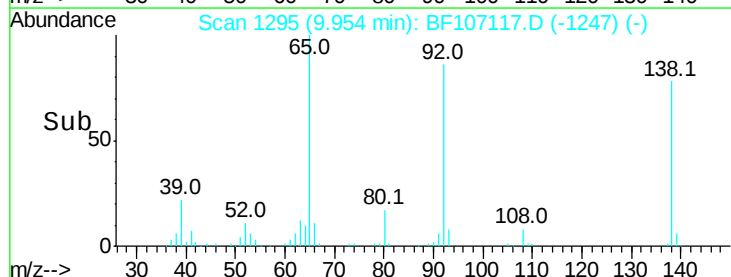
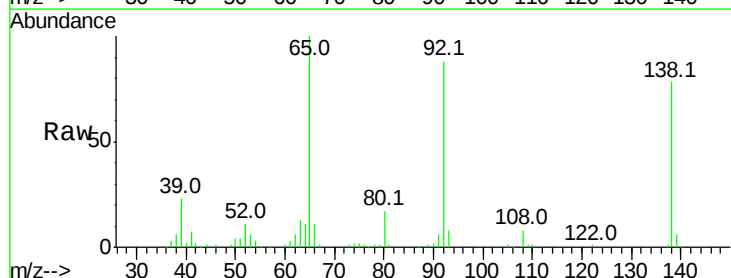
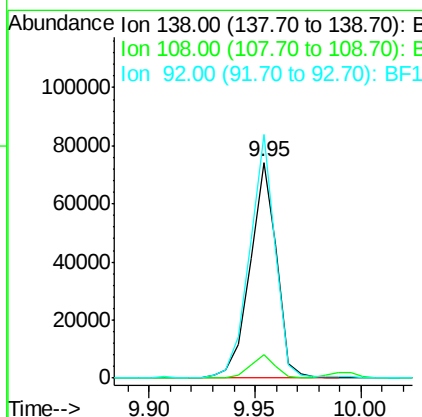
RT: 9.95 min Scan# 1295

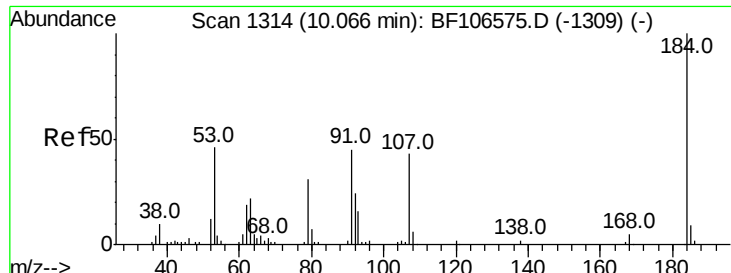
Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	138	Resp:	64807
Ion Ratio	Lower	Upper	
138	100		
108	10.8	9.4	14.0
92	113.0	89.4	134.2





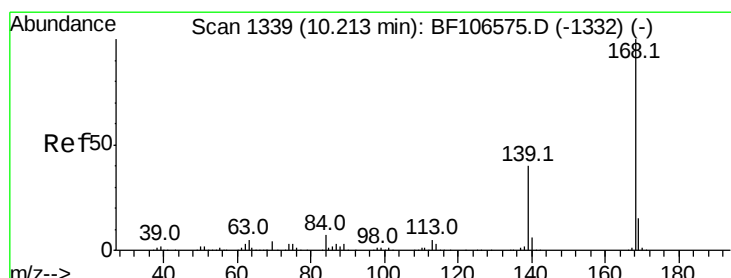
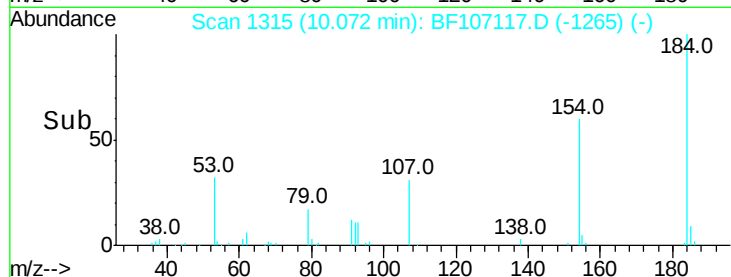
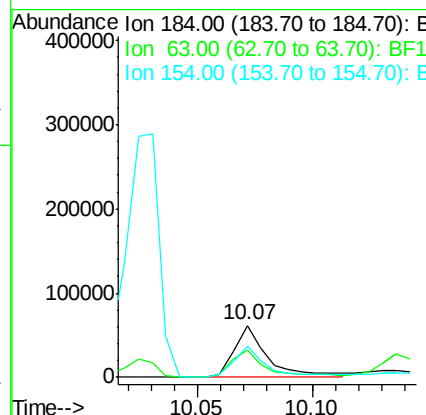
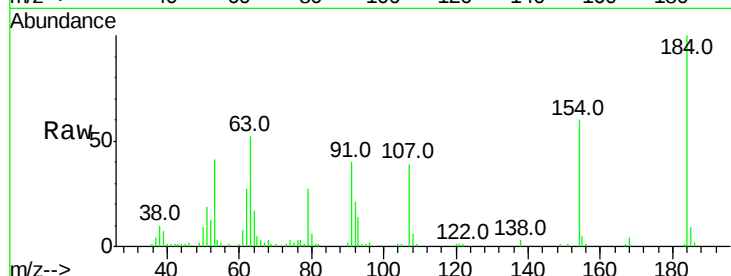
#53
 2,4-Dinitrophenol
 Concen: 62.021 ng
 RT: 10.07 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	52.3	54.2	81.2#
154	60.2	184.0	276.0#

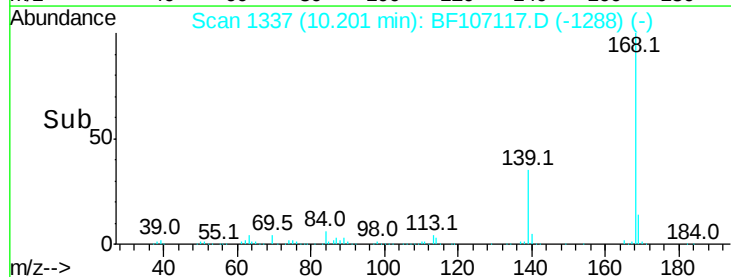
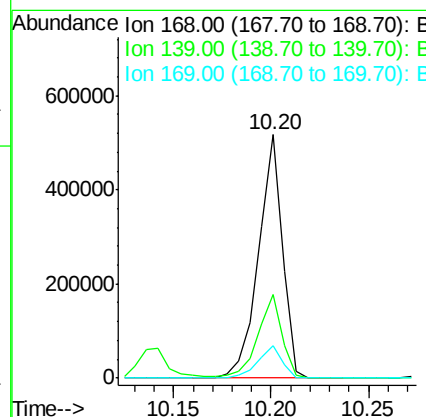
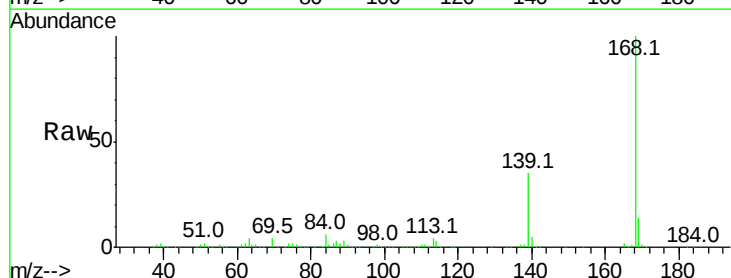
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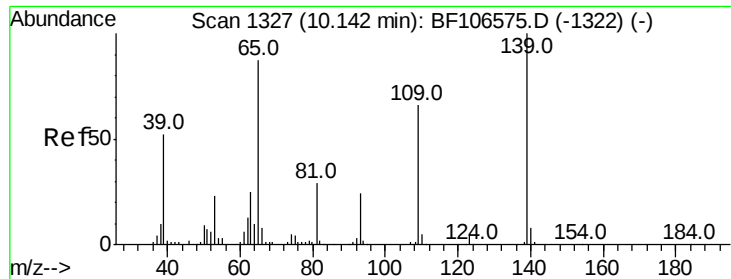
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#54
 Dibenzofuran
 Concen: 41.780 ng
 RT: 10.20 min Scan# 1337
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.6	30.1	45.1
169	13.6	10.9	16.3





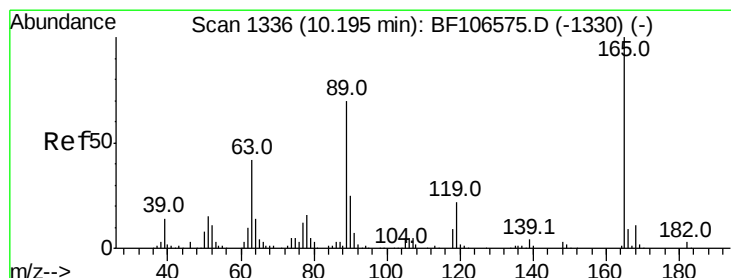
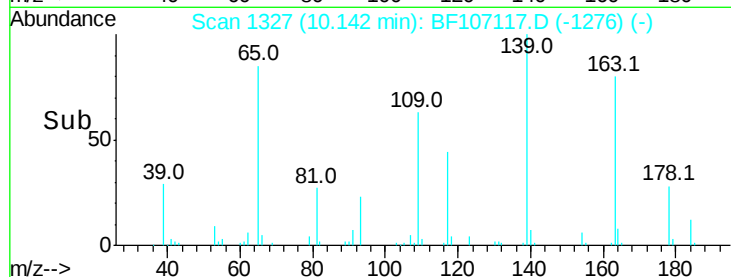
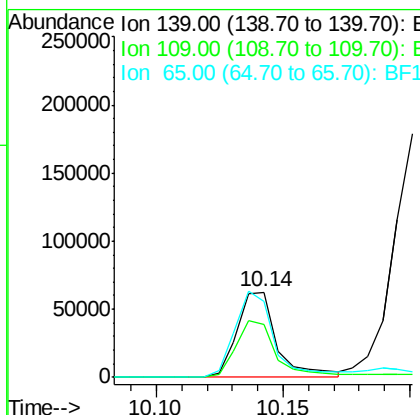
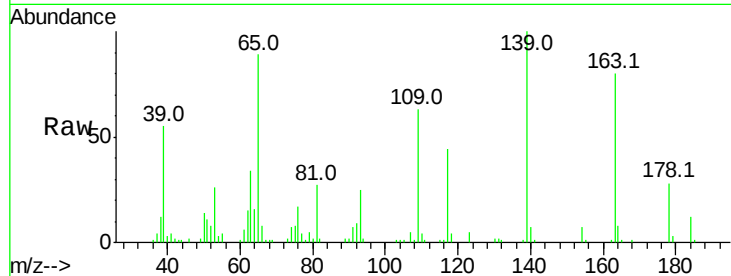
#55
4-Nitrophenol
Concen: 43.732 ng
RT: 10.14 min Scan# 1327
Delta R.T. -0.00 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
139	100	68648		
109	62.7	48.4	88.4	
65	88.8	72.6	112.6	

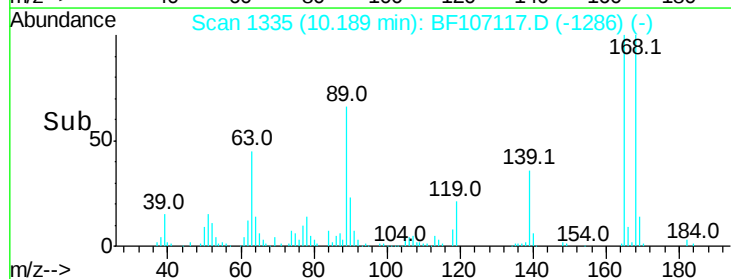
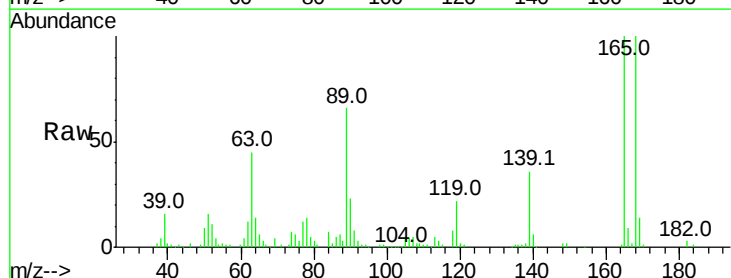
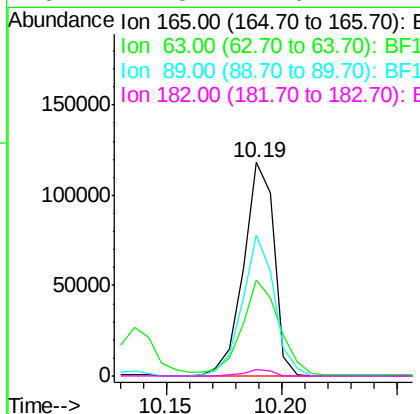
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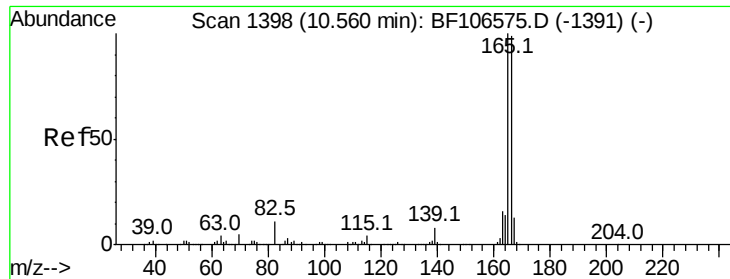
Sohil
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#56
2,4-Dinitrotoluene
Concen: 43.063 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	109849		
63	45.1	36.4	54.6	
89	65.9	57.8	86.6	
182	2.8	1.6	2.4	





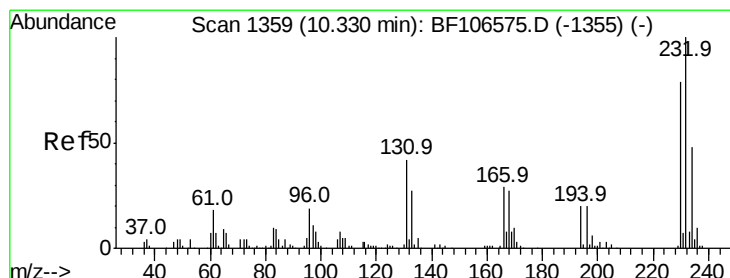
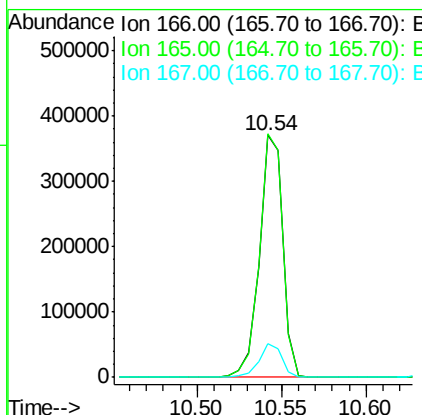
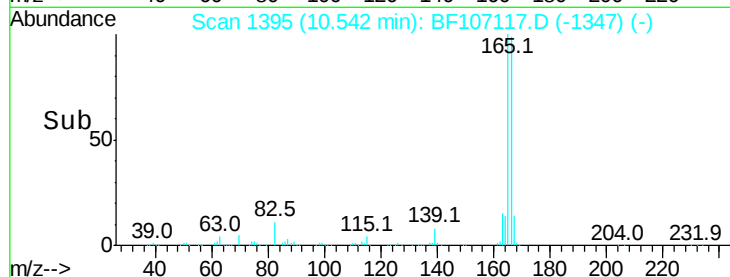
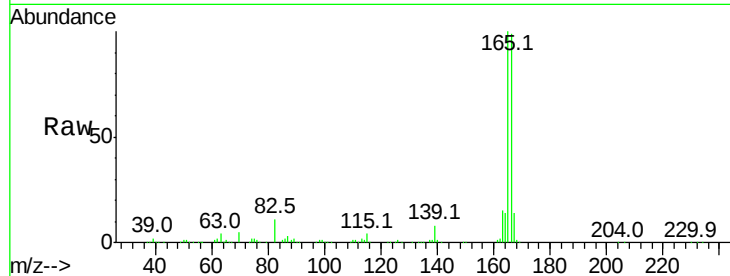
#57
 Fluorene
 Concen: 42.687 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.8	119.8
167	14.0	10.6	16.0

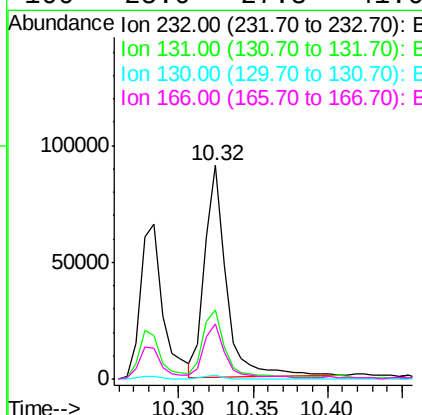
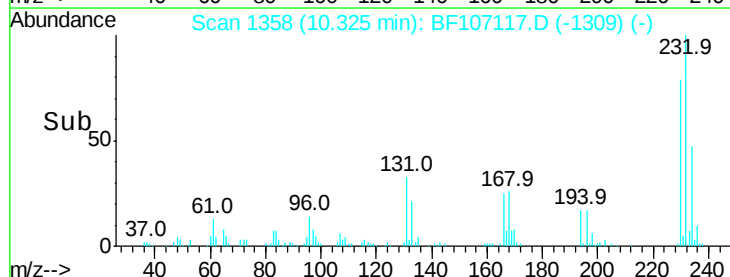
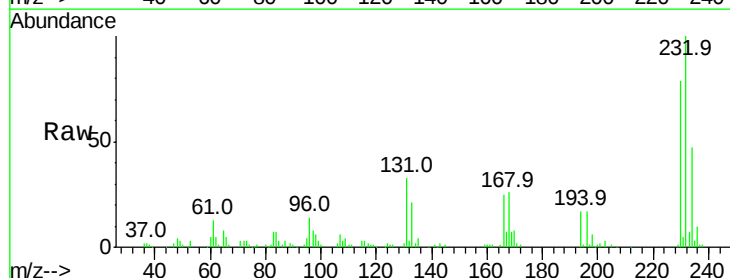
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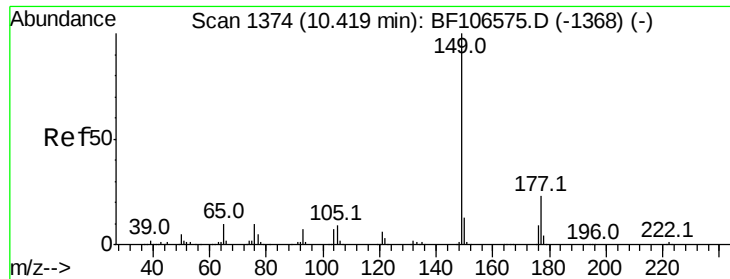
Sohil
 7/6/2018 8:44:52 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.731 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.7	43.8	65.8#
130	1.3	2.1	3.1#
166	25.0	27.8	41.6#





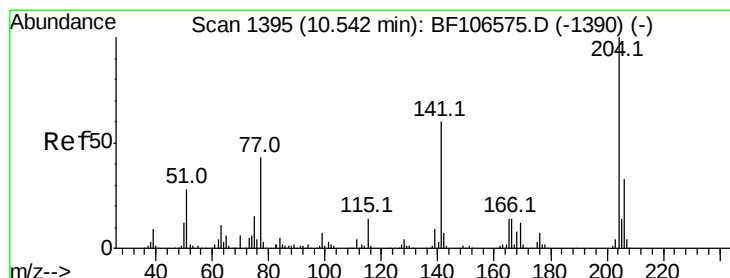
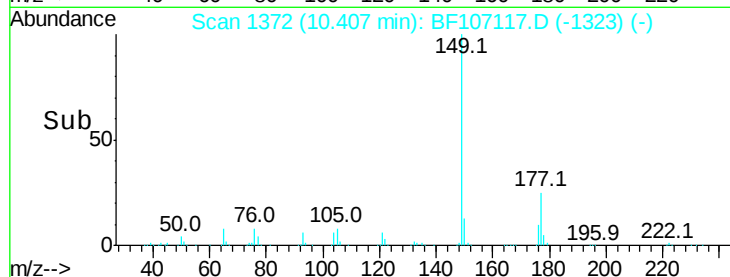
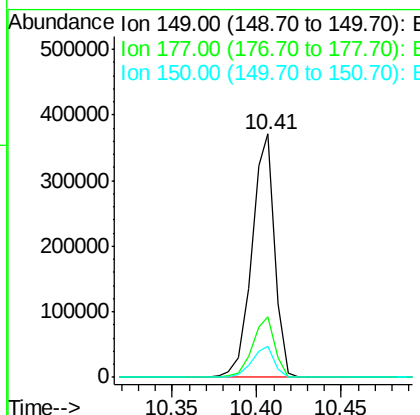
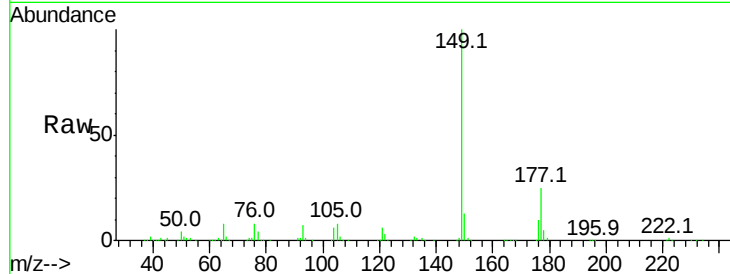
#59
Diethylphthalate
Concen: 39.217 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampled :
PB110801BS

Tot Ion	Ratio	Lower	Upper
149	100		
177	25.0	16.1	24.1#
150	12.6	10.1	15.1

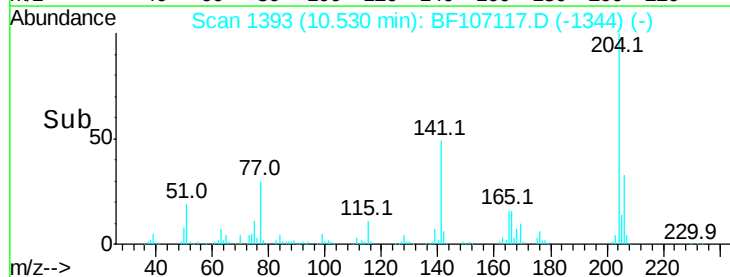
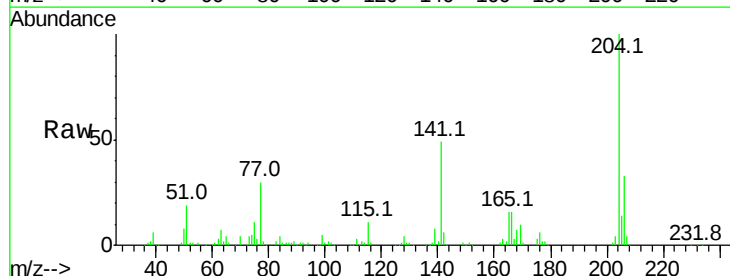
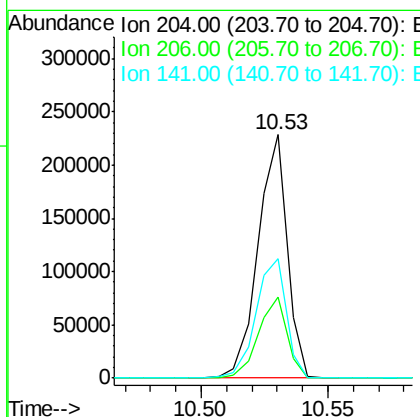
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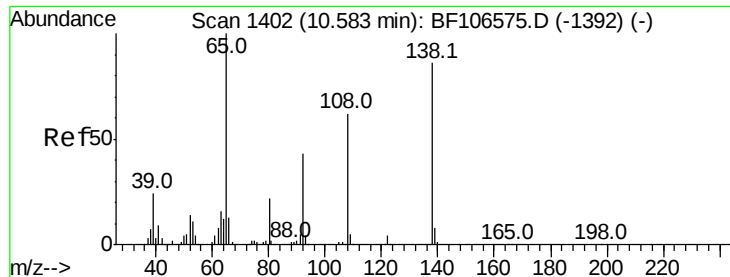
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#60
4-Chlorophenyl-phenylether
Concen: 42.148 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.5	39.7
141	49.1	54.6	81.8#





#61

4-Nitroaniline

Concen: 40.550 ng

RT: 10.58 min Scan# 1401

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

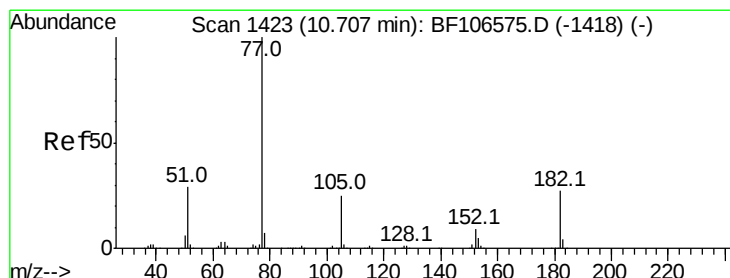
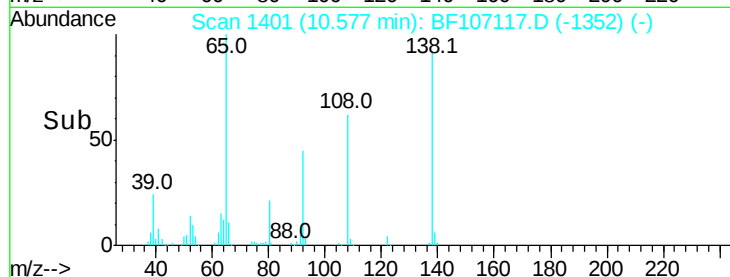
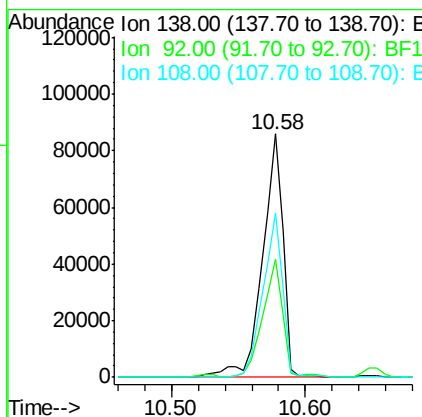
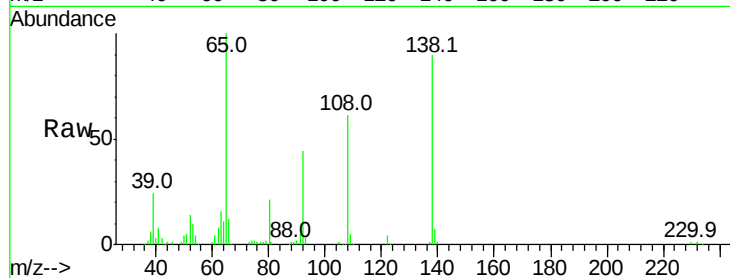
ClientSampleId :

PB110801BS

Tot Ion:	138	Resp:	90503
Ion	Ratio	Lower	Upper
138	100		
92	48.4	30.2	70.2
108	67.5	52.5	92.5

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#62

Azobenzene

Concen: 38.284 ng

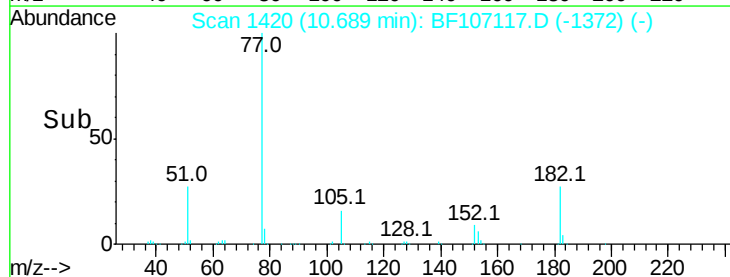
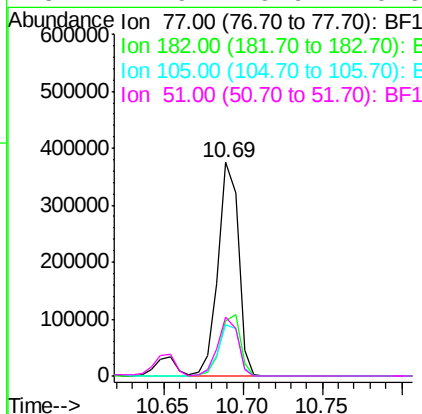
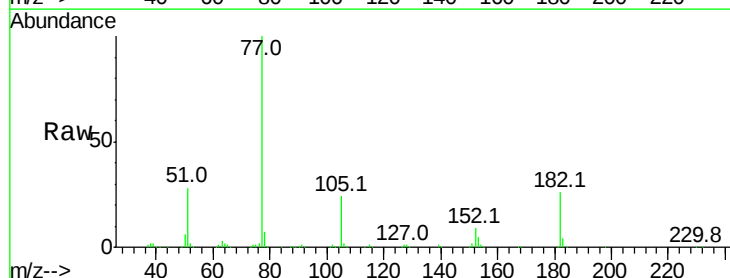
RT: 10.69 min Scan# 1420

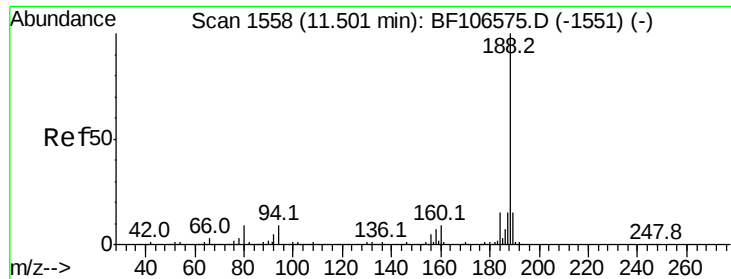
Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	77	Resp:	335818
Ion	Ratio	Lower	Upper
77	100		
182	25.8	1.7	41.7
105	23.8	3.0	43.0
51	27.9	9.9	49.9





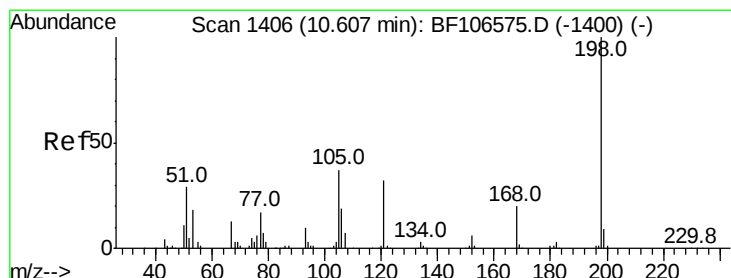
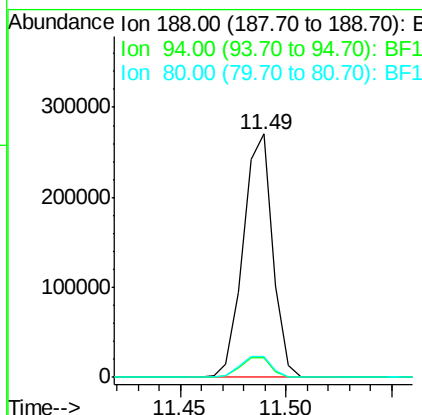
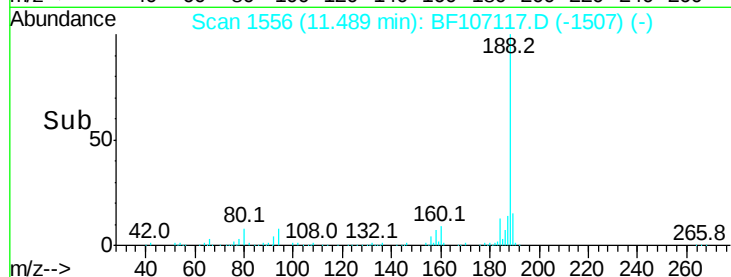
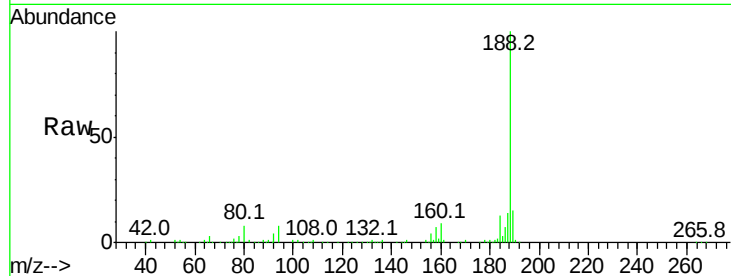
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.8	8.5	12.7#
80	8.3	9.2	13.8#

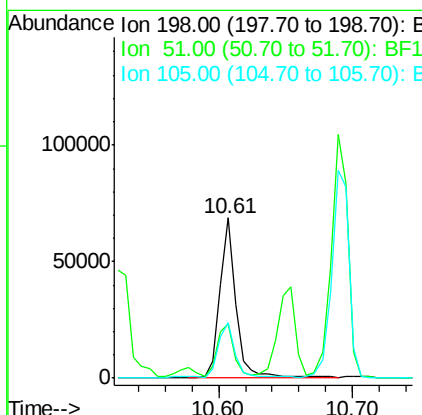
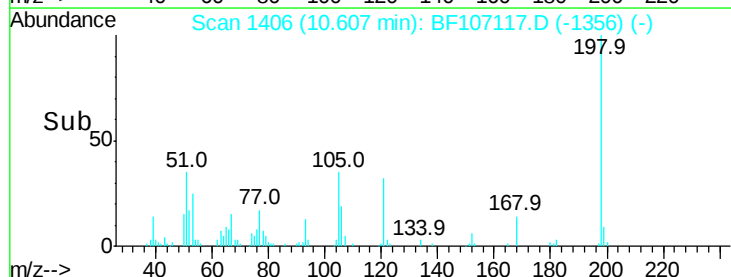
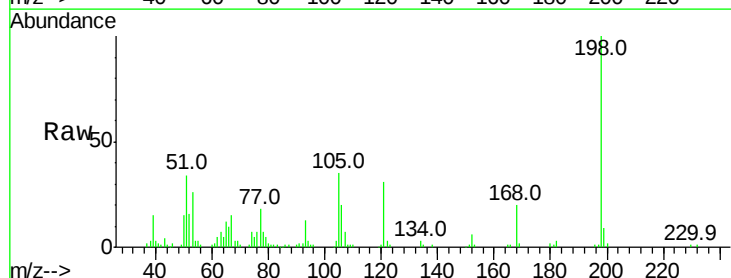
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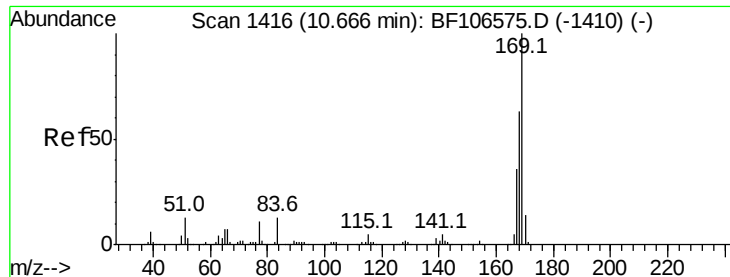
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#64
4,6-Dinitro-2-methylphenol
Concen: 37.067 ng
RT: 10.61 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	34.2	37.7	77.7#
105	34.9	36.3	76.3#





#65

n-Nitrosodiphenylamine

Concen: 35.209 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

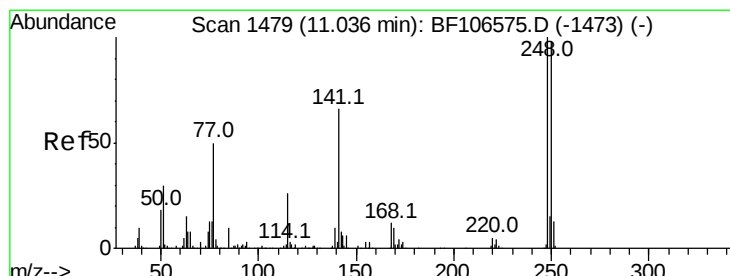
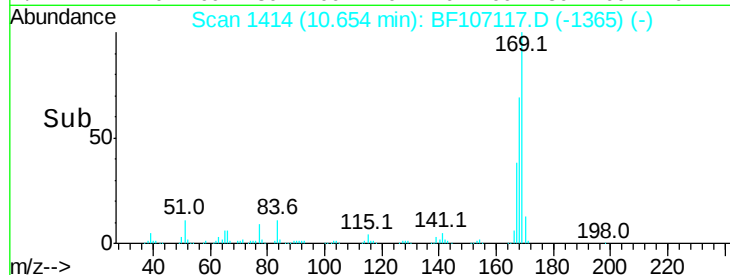
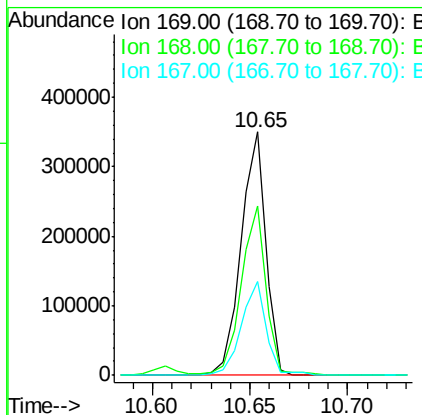
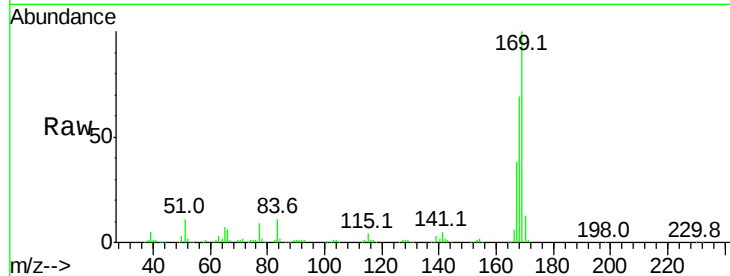
ClientSampleId :

PB110801BS

Tot Ion:	169	Resp:	308877
Ion Ratio	Lower	Upper	
169	100		
168	69.3	54.4	81.6
167	38.3	29.8	44.6

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#66

4-Bromophenyl-phenylether

Concen: 41.616 ng

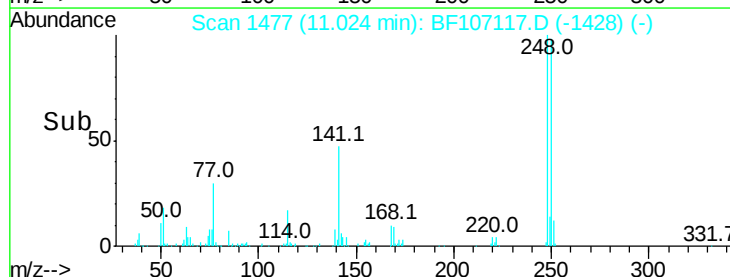
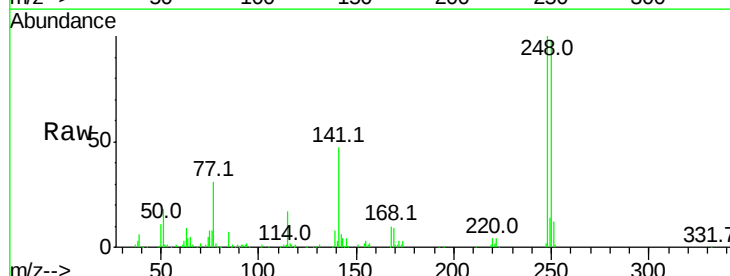
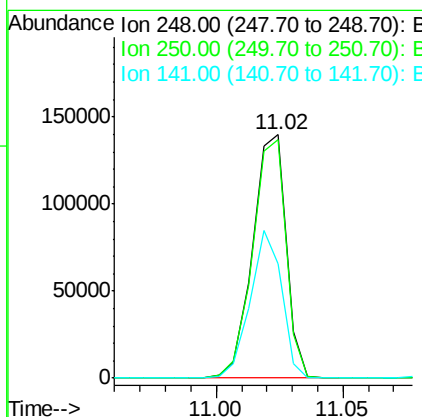
RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	248	Resp:	129537
Ion Ratio	Lower	Upper	
248	100		
250	98.2	76.9	115.3
141	47.1	74.4	111.6#





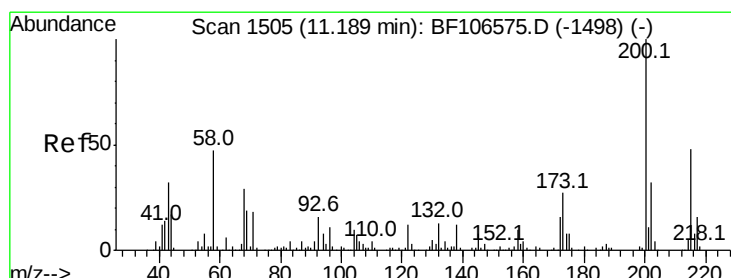
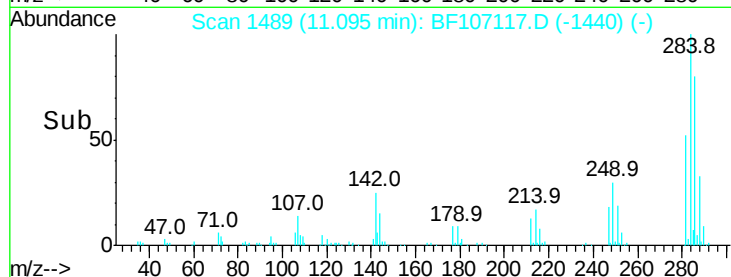
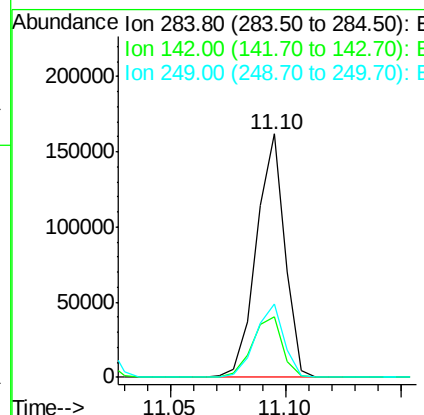
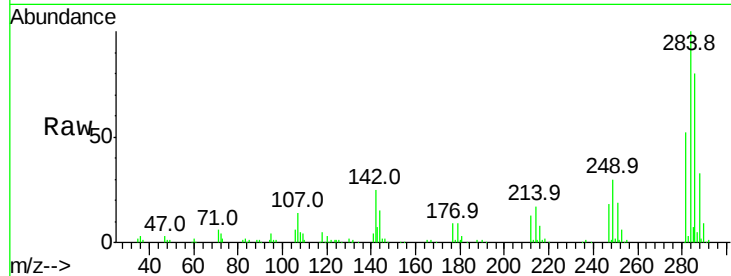
#67
Hexachlorobenzene
Concen: 42.876 ng
RT: 11.10 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	24.6	34.6	52.0	
249	30.1	24.8	37.2	

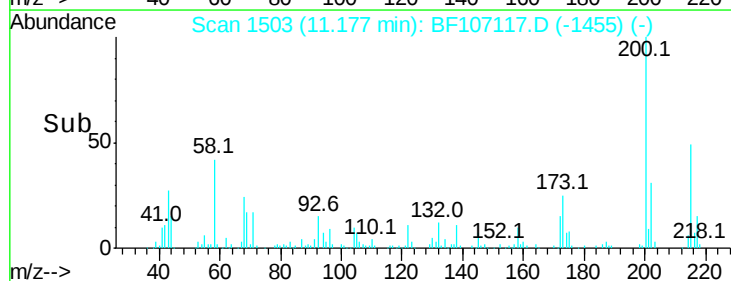
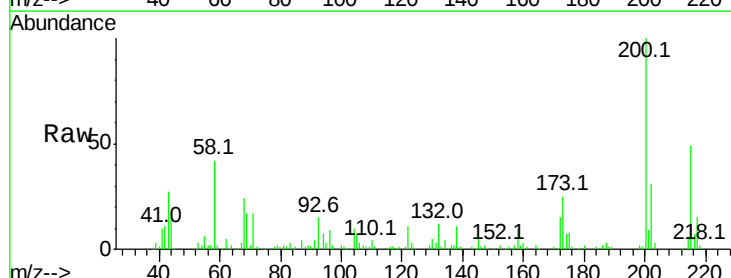
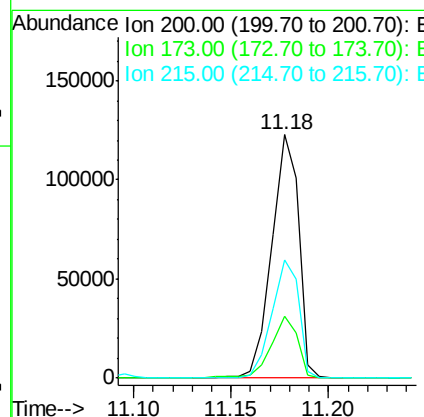
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#68
Atrazine
Concen: 42.118 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	25.5	8.6	48.6	
215	48.6	25.1	65.1	





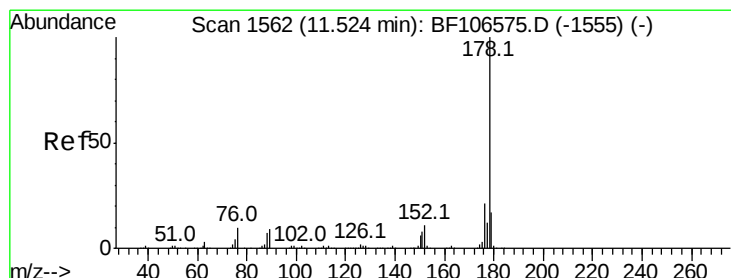
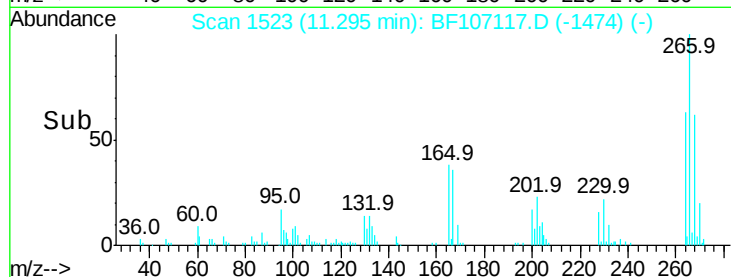
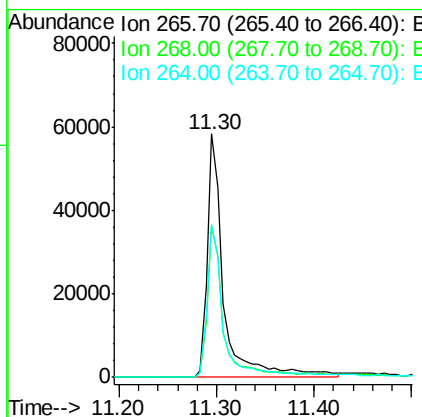
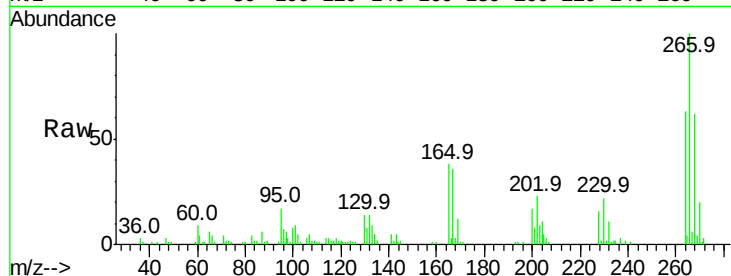
#69
 Pentachlorophenol
 Concen: 42.488 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
266	100	69066		
268	62.4		51.1	76.7
264	62.8		49.5	74.3

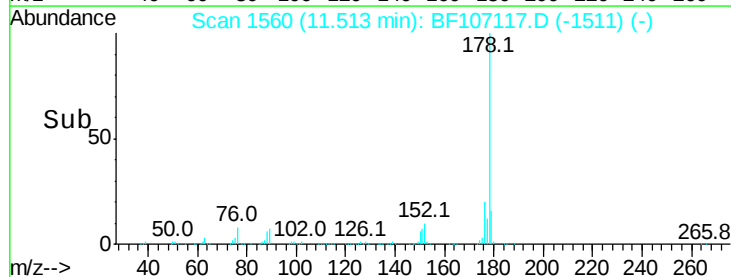
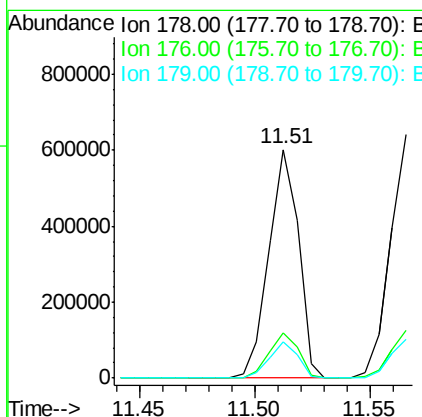
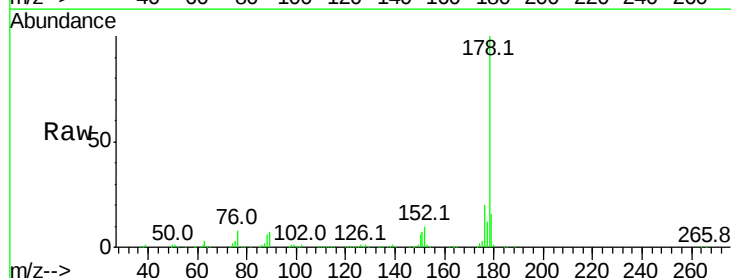
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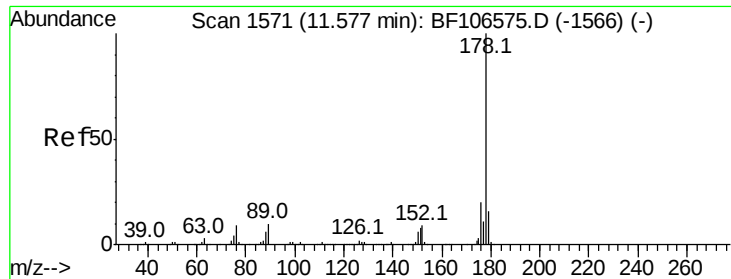
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#70
 Phenanthrene
 Concen: 42.900 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	539669		
176	20.0		15.8	23.8
179	15.7		13.0	19.6





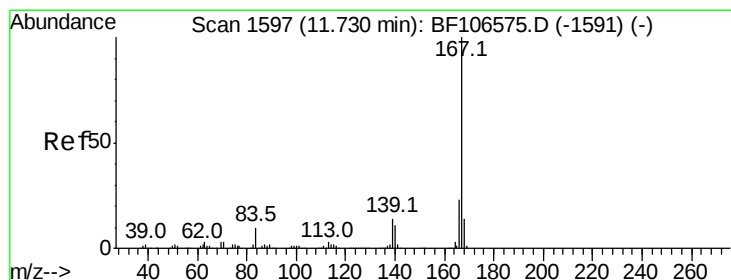
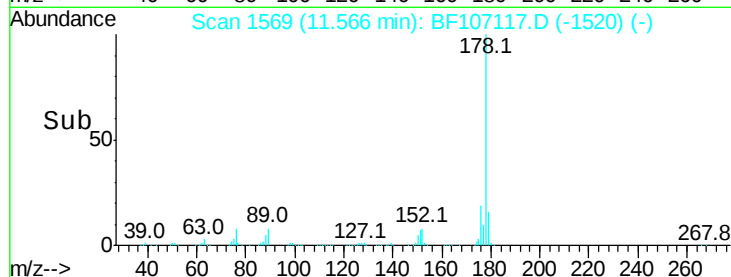
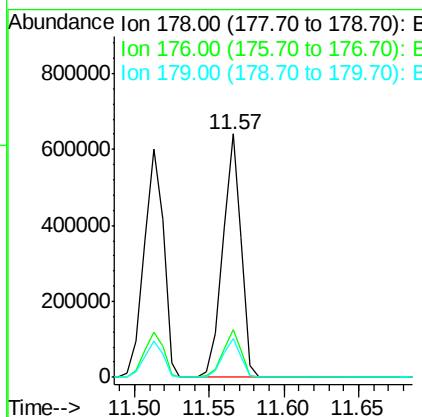
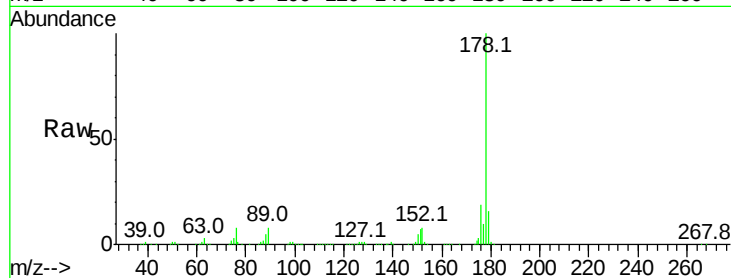
#71
 Anthracene
 Concen: 43.484 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.4	23.2
179	15.8	12.6	19.0

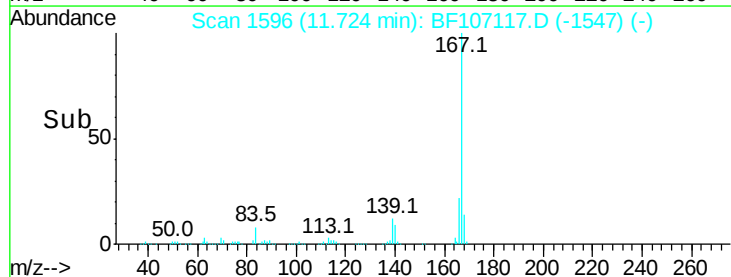
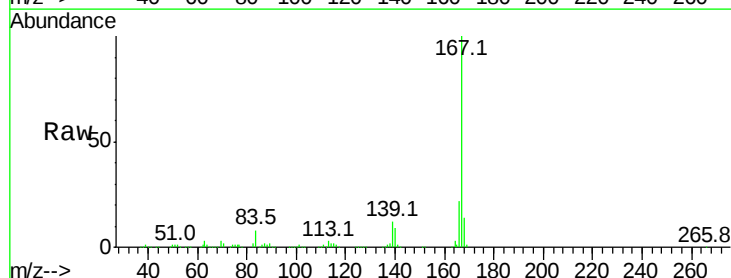
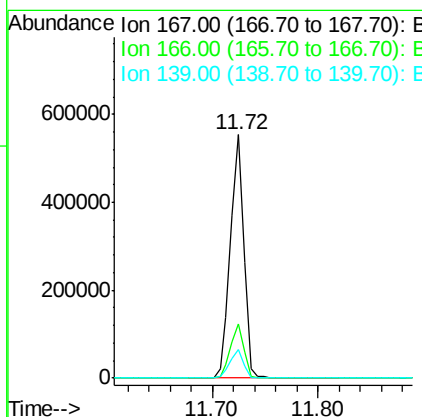
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#72
 Carbazole
 Concen: 40.734 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.6	26.4
139	11.9	10.9	16.3





#73

Di-n-butylphthalate

Concen: 39.322 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

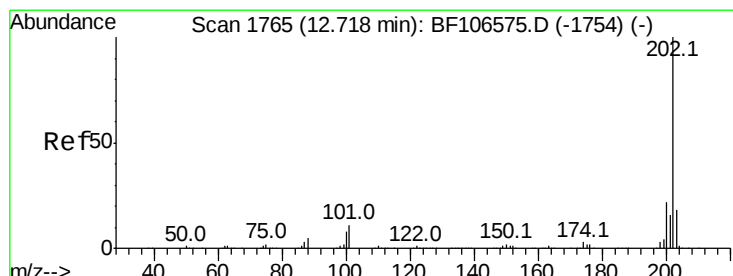
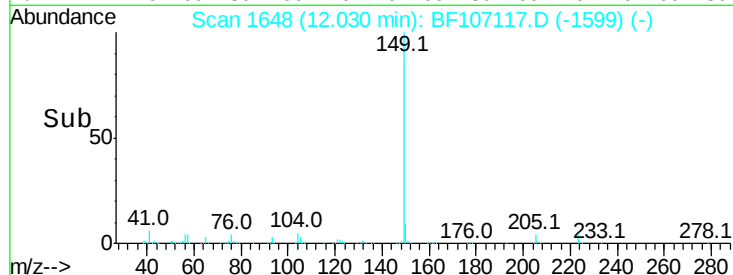
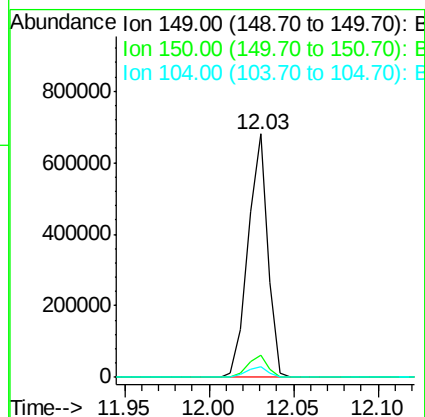
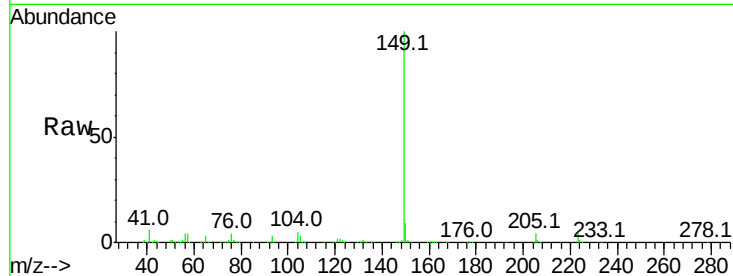
ClientSampleId :

PB110801BS

Tot Ion:	149	Resp:	556894
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.5	3.8	5.8

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#74

Fluoranthene

Concen: 43.973 ng

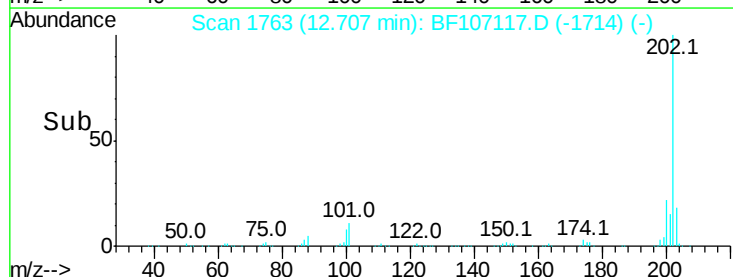
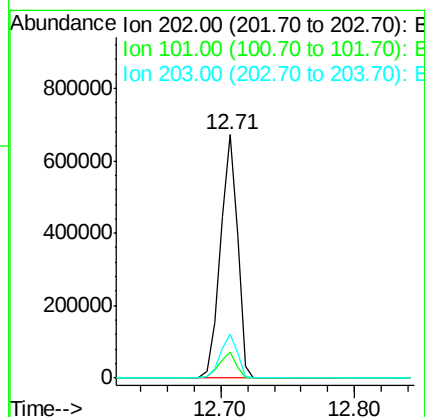
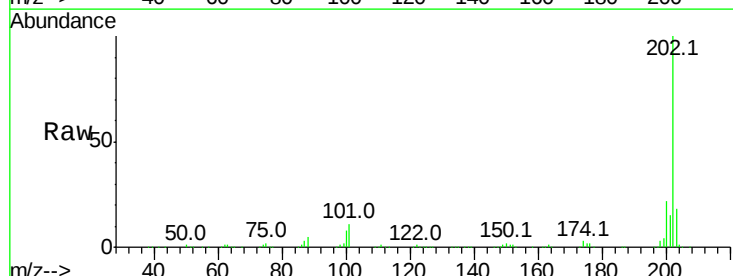
RT: 12.71 min Scan# 1763

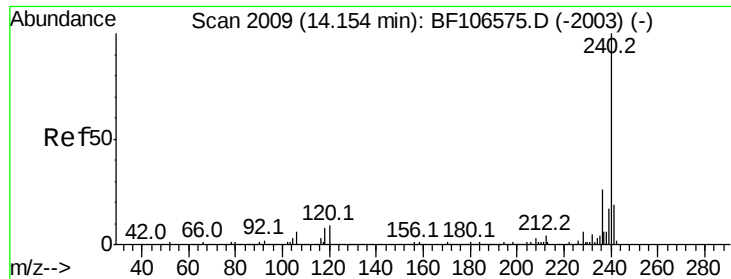
Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	202	Resp:	609703
Ion Ratio	Lower	Upper	
202	100		
101	10.6	0.0	34.1
203	18.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2007

Delta R.T. -0.02 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

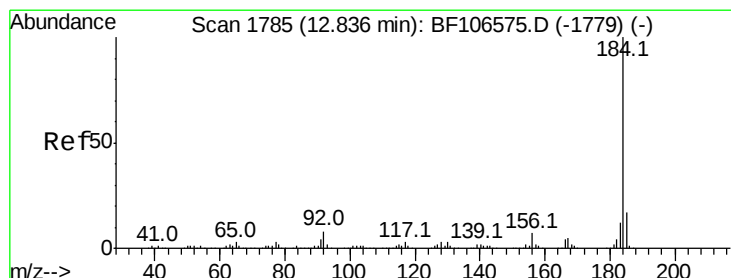
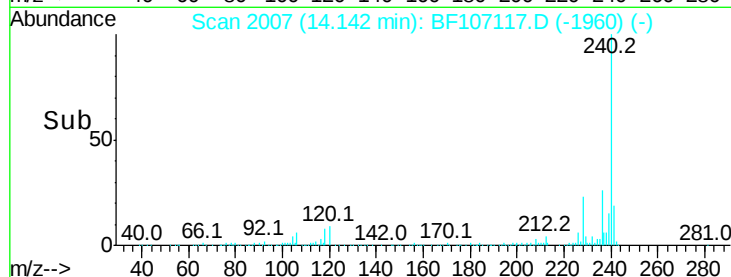
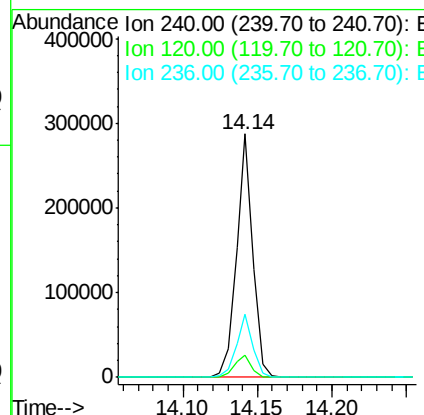
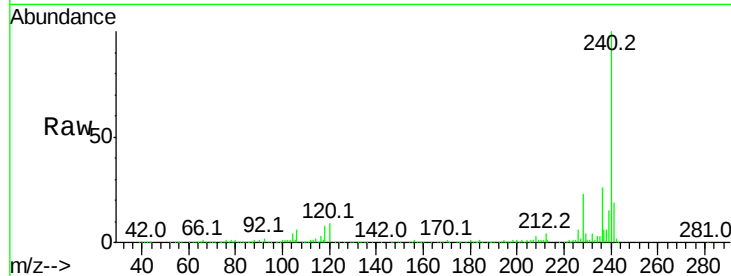
ClientSampleId :

PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
240	100	221313		
120	9.1	9.5	14.3	
236	25.8	20.7	31.1	

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#76

Benzidine

Concen: 46.652 ng

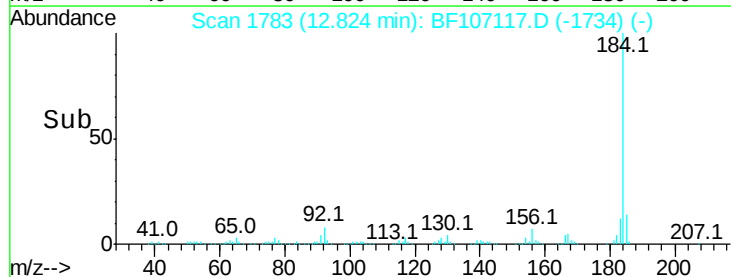
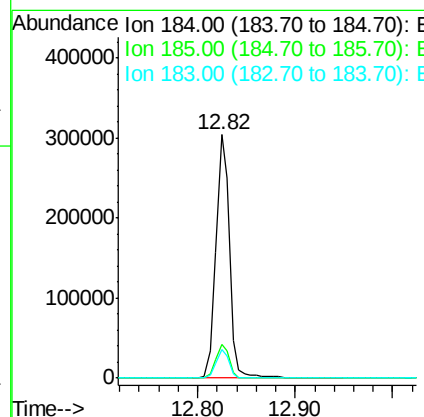
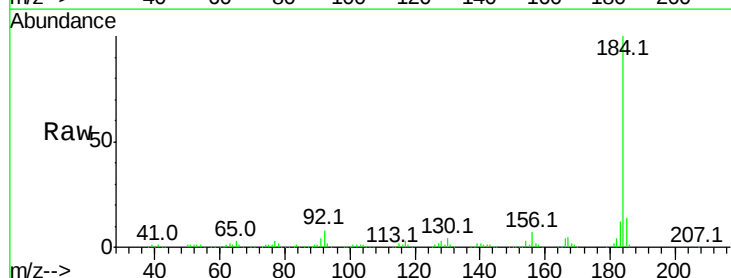
RT: 12.82 min Scan# 1783

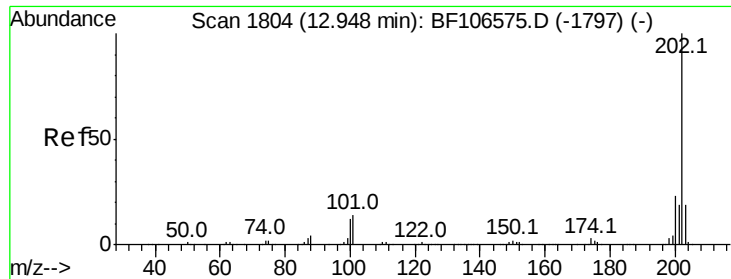
Delta R.T. -0.01 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	294046		
185	14.0	12.6	18.8	
183	11.6	9.3	13.9	





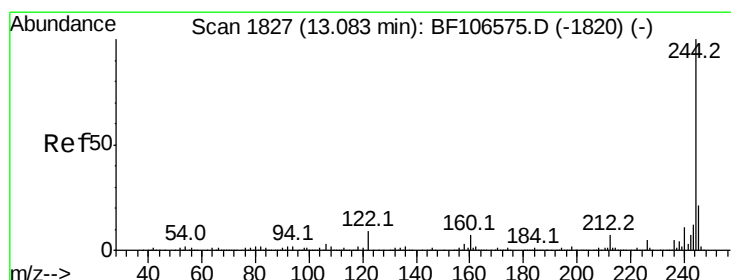
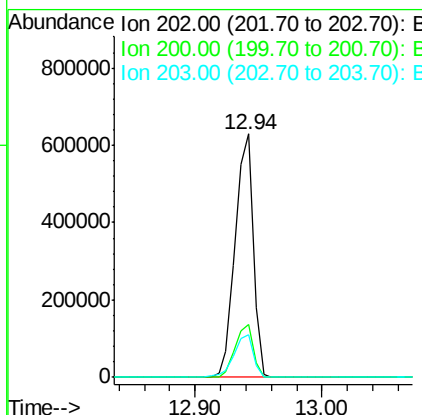
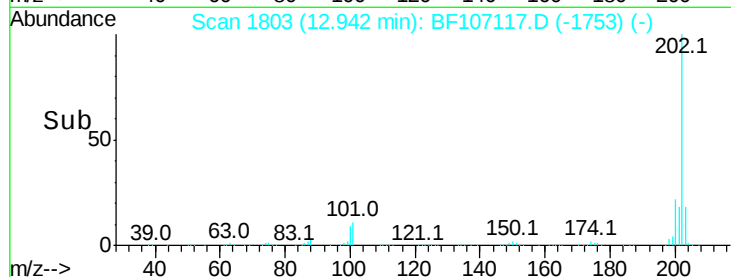
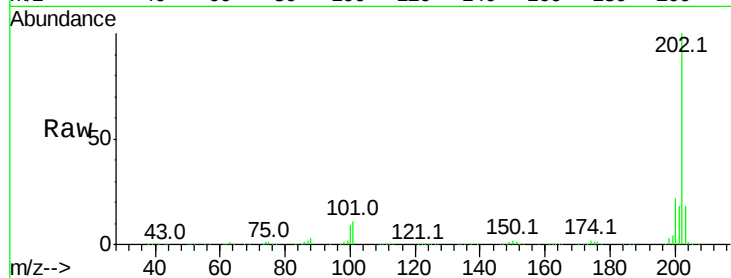
#77
Pvrene
Concen: 42.219 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.4	26.2
203	17.7	14.3	21.5

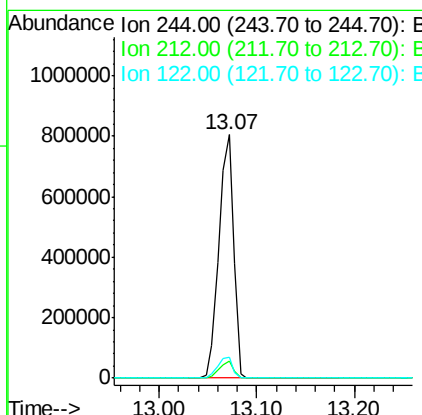
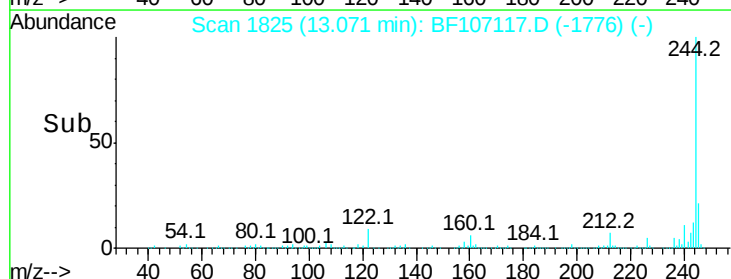
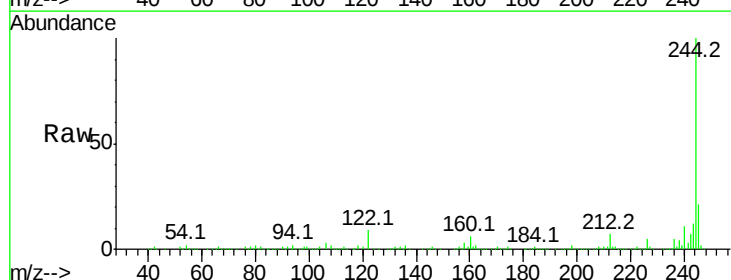
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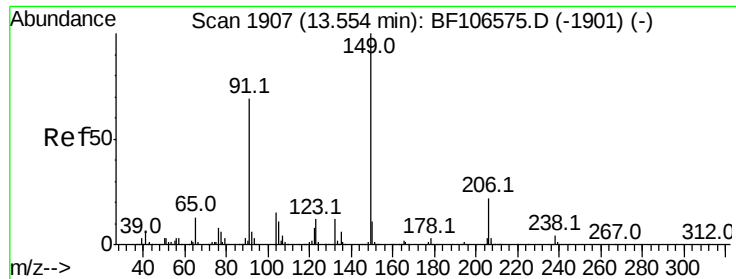
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#78
Terphenyl-d14
Concen: 92.572 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.0
122	8.5	11.0	16.4#





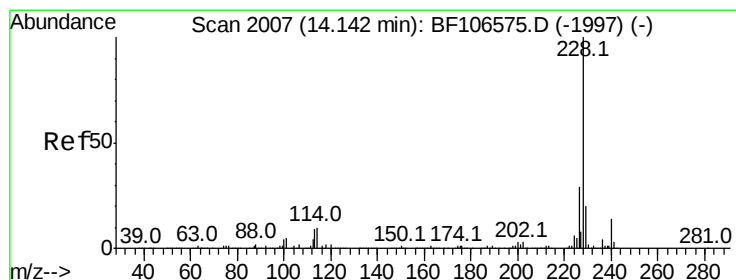
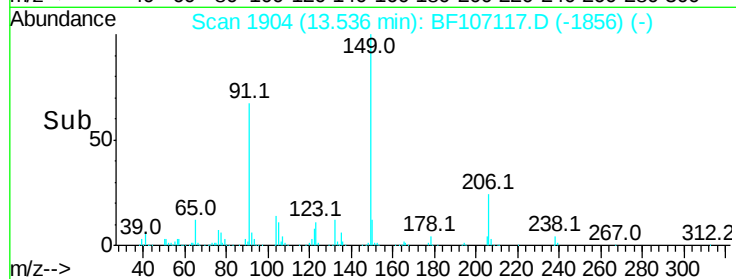
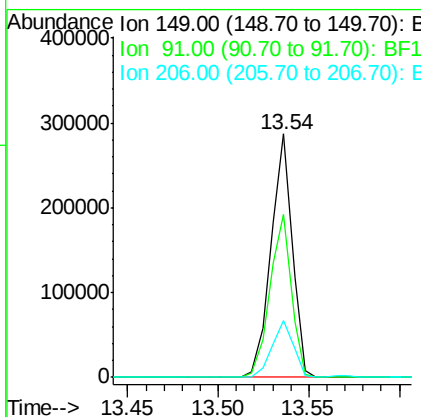
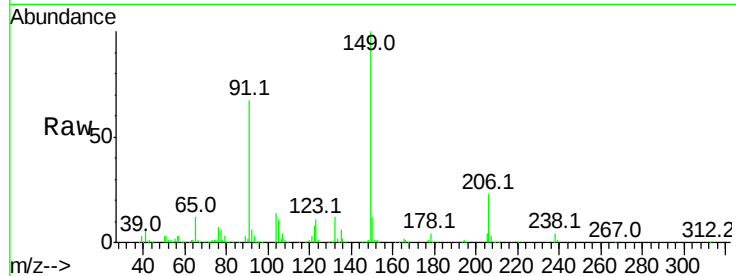
#79
Butylbenzylphthalate
Concen: 38.866 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	233209		
91	66.9	56.8	85.2	
206	23.5	14.1	21.1	

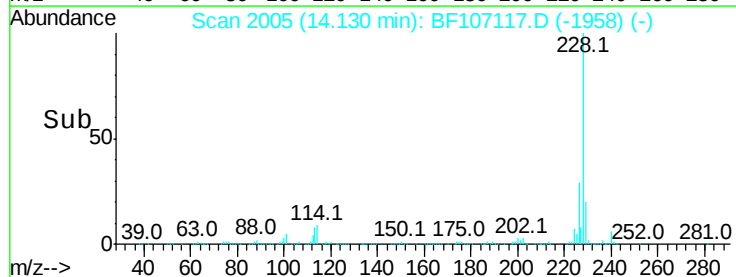
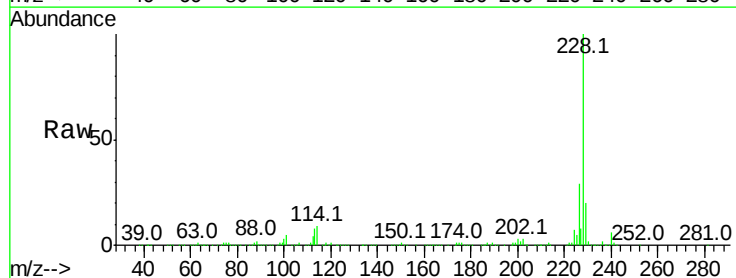
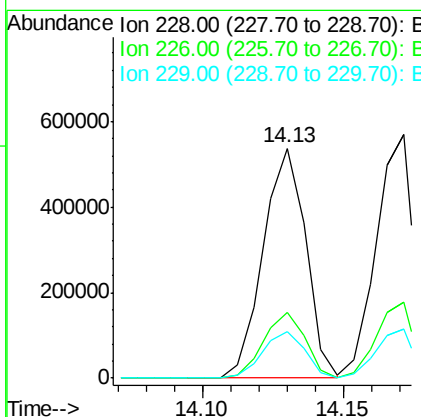
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#80
Benzo(a)anthracene
Concen: 41.686 ng
RT: 14.13 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	562274		
226	28.8	22.6	33.8	
229	20.0	15.8	23.6	





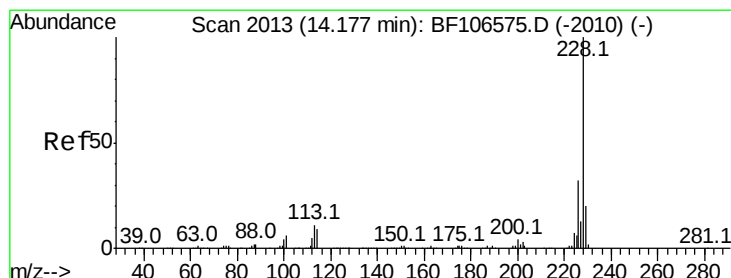
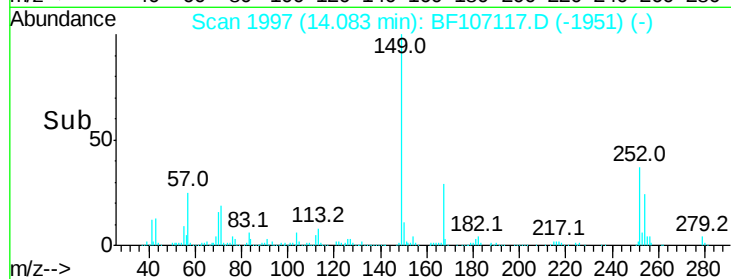
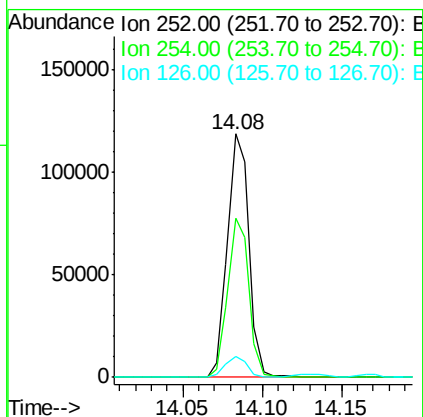
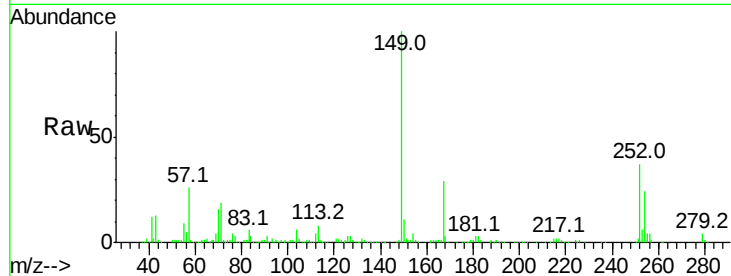
#81
 3,3'-Dichlorobenzidine
 Concen: 23.569 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	50.4	75.6
126	8.8	11.3	16.9

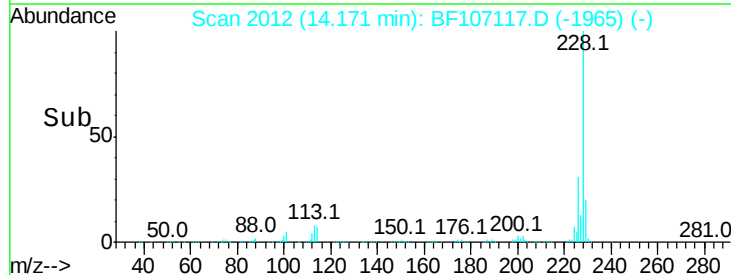
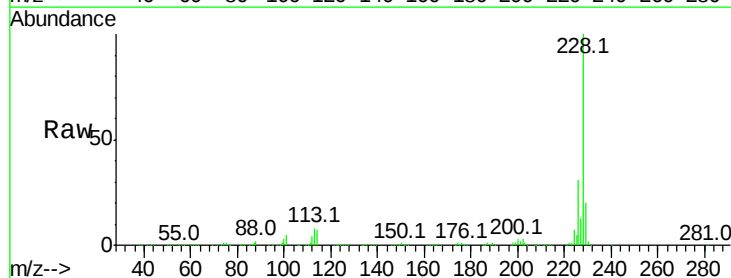
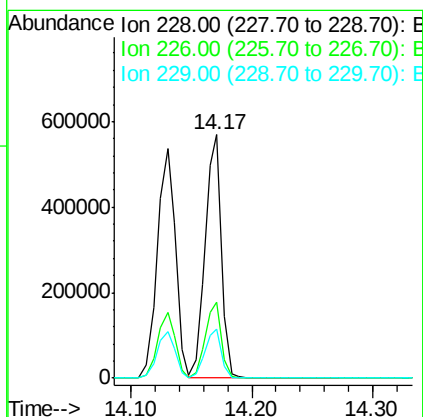
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#82
 Chrysene
 Concen: 42.541 ng
 RT: 14.17 min Scan# 2012
 Delta R.T. -0.02 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	25.0	37.6
229	19.9	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.746 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Instrument :

BNA_F

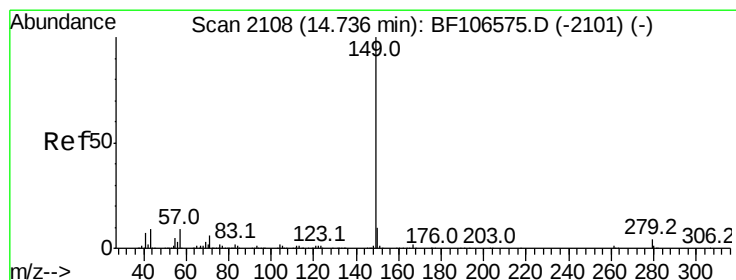
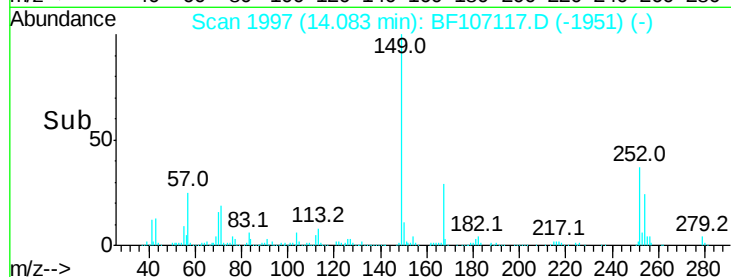
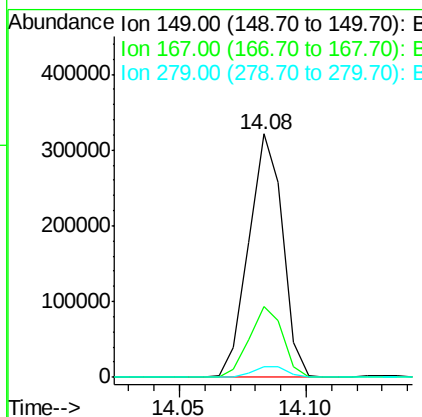
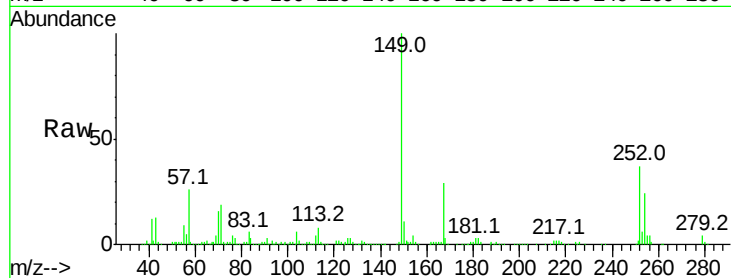
ClientSampleId :

PB110801BS

Tot Ion:	149	Resp:	297231
Ion Ratio	Lower	Upper	
149	100		
167	28.9	21.3	31.9
279	4.4	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 37.448 ng

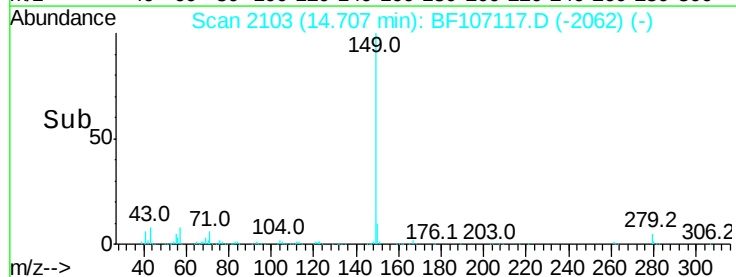
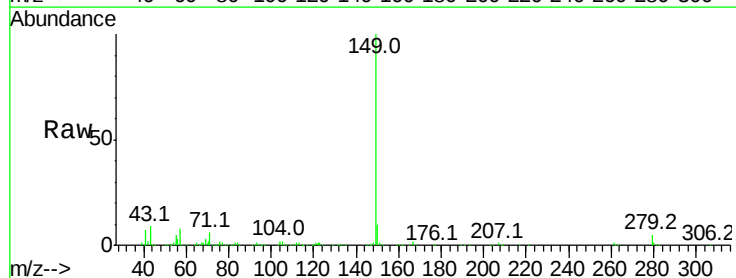
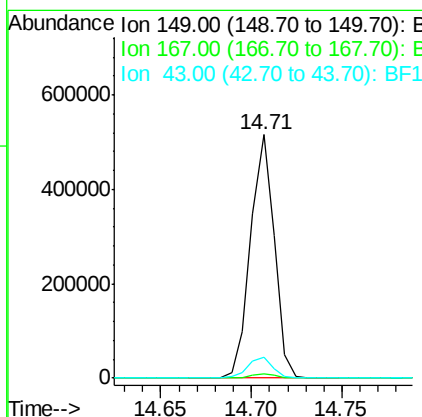
RT: 14.71 min Scan# 2103

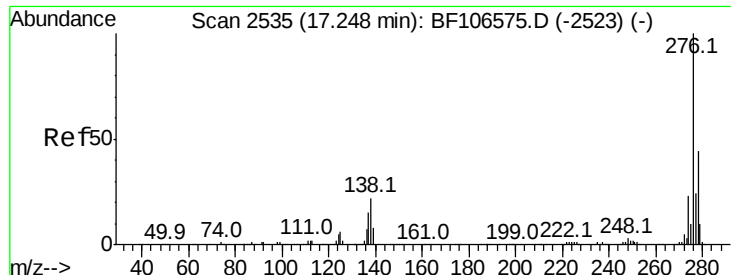
Delta R.T. -0.06 min

Lab File: BF107117.D

Acq: 5 Jul 2018 10:52

Tgt Ion:	149	Resp:	468264
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8#
43	8.5	8.4	12.6





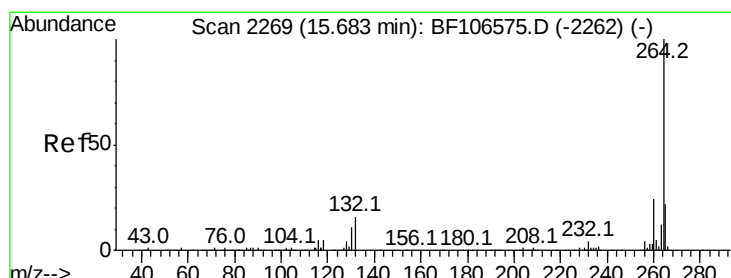
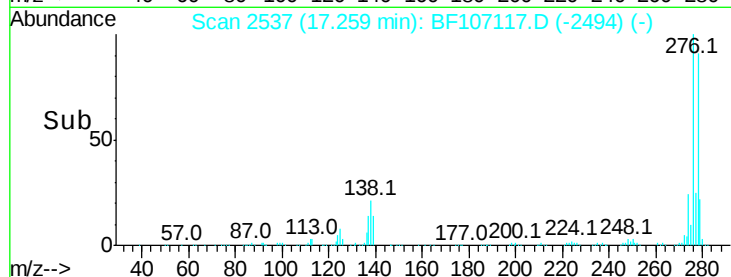
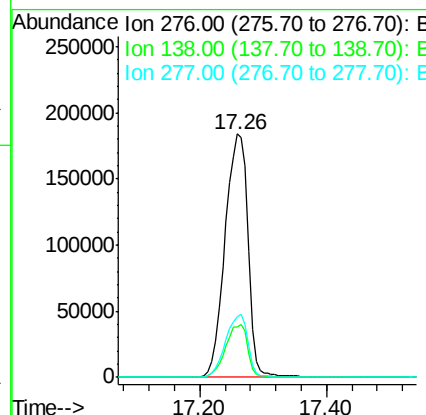
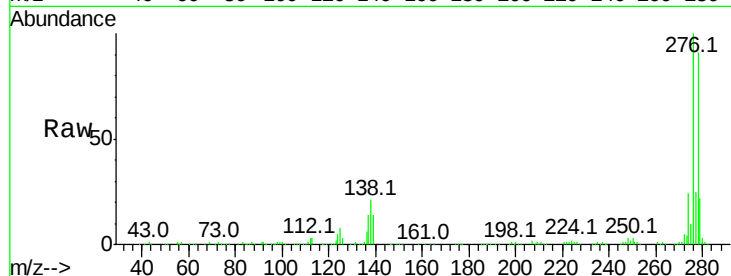
#85
Indeno(1,2,3-cd)pyrene
Concen: 43.960 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.05 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.0	25.0	37.6#
277	25.0	20.1	30.1

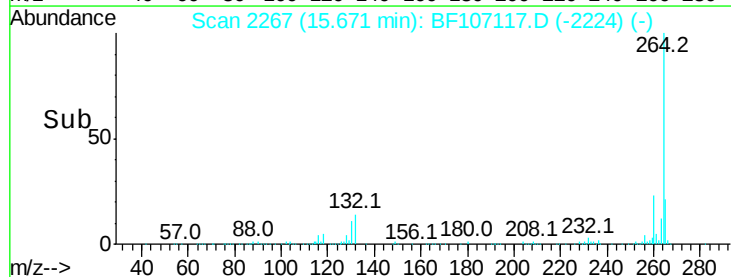
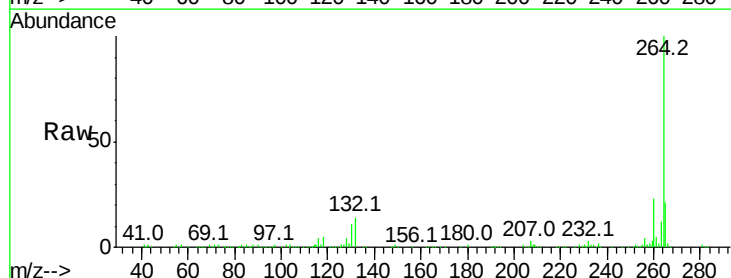
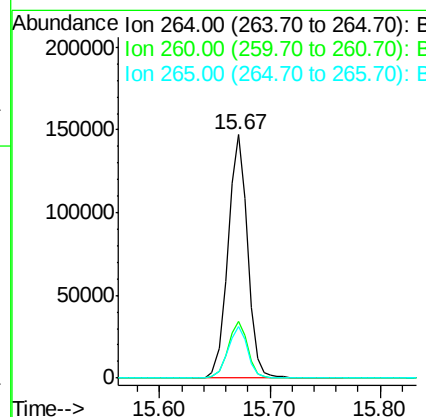
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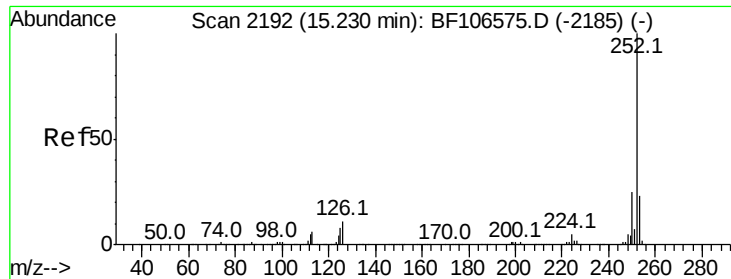
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2267
Delta R.T. -0.05 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3





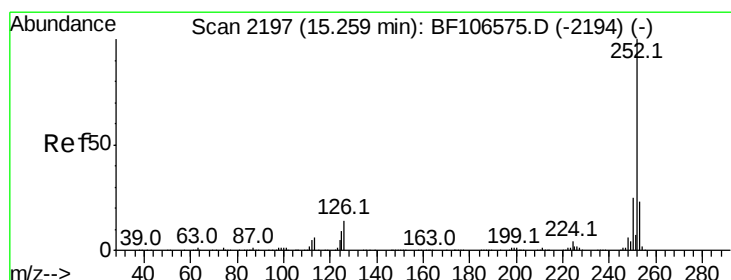
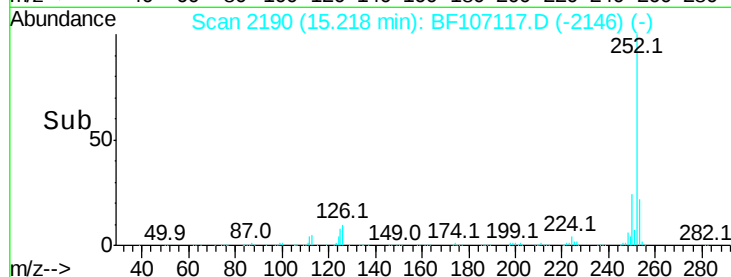
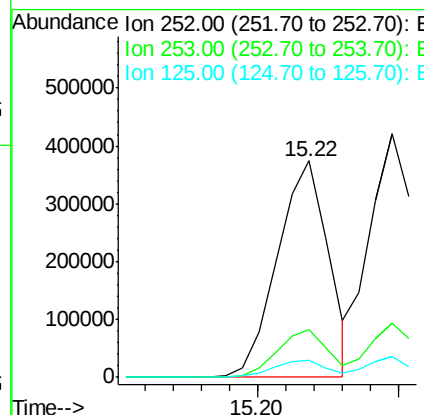
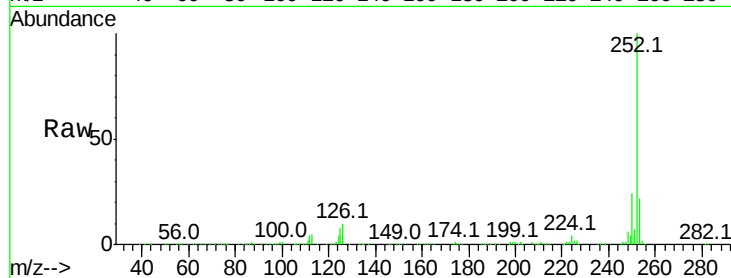
#87
Benzo(b)fluoranthene
Concen: 41.123 ng
RT: 15.22 min Scan# 2190
Delta R.T. -0.04 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.0	25.6
125	7.9	9.0	13.6#

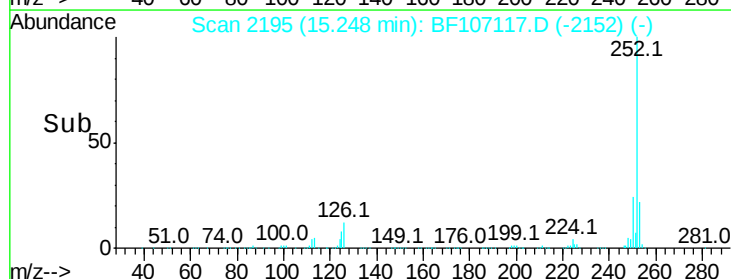
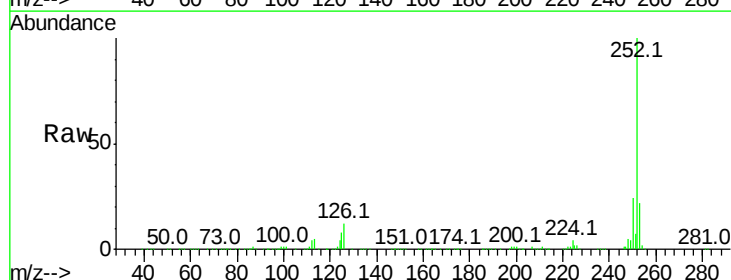
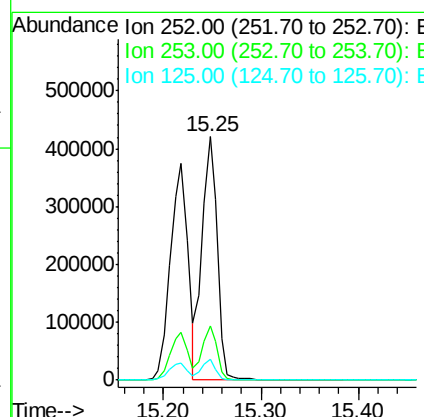
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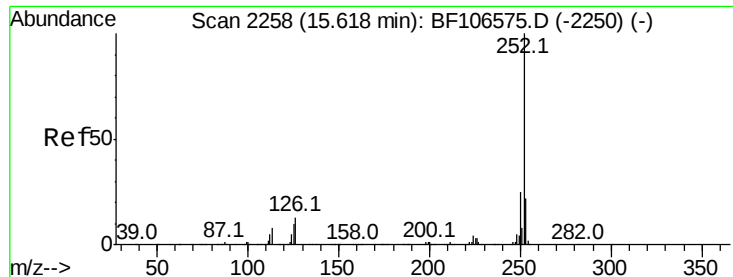
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#88
Benzo(k)fluoranthene
Concen: 42.073 ng
RT: 15.25 min Scan# 2195
Delta R.T. -0.05 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	8.5	10.2	15.2#





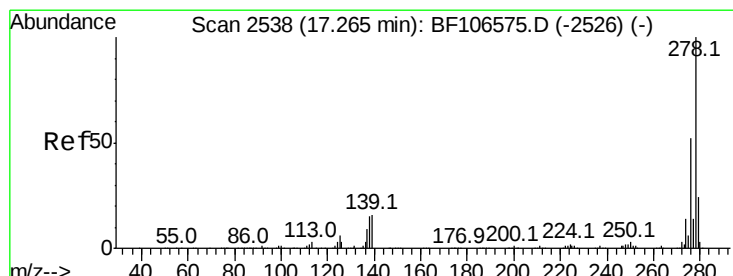
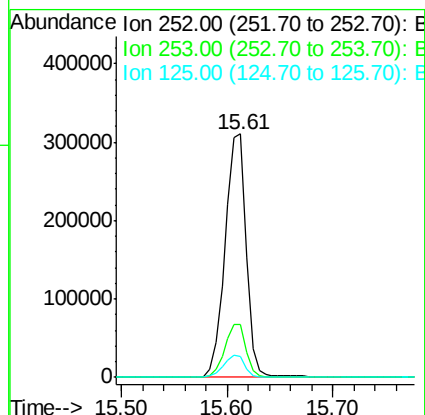
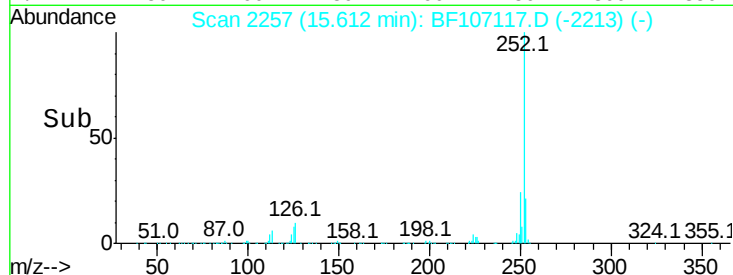
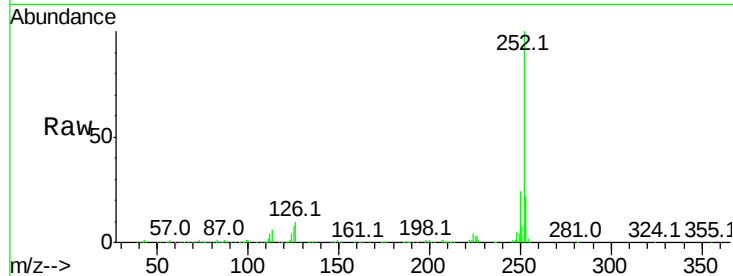
#89
Benzo(a)pyrene
Concen: 42.786 ng
RT: 15.61 min Scan# 2257
Delta R.T. -0.04 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Instrument :
BNA_F
ClientSampleId :
PB110801BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	8.4	9.8	14.6

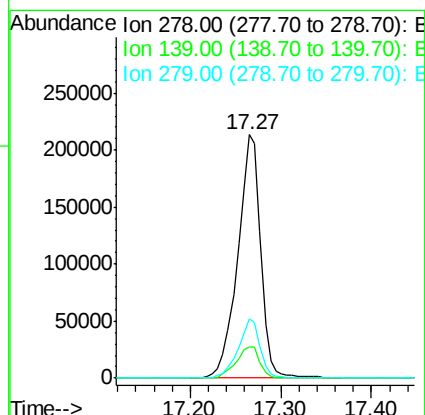
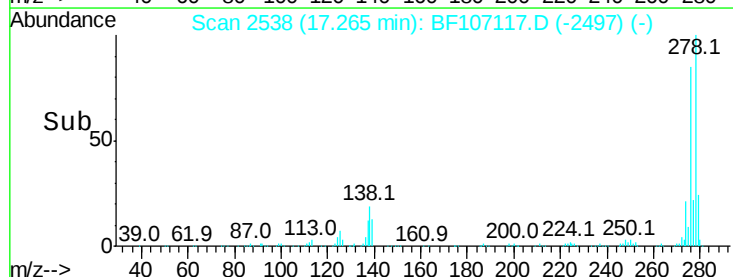
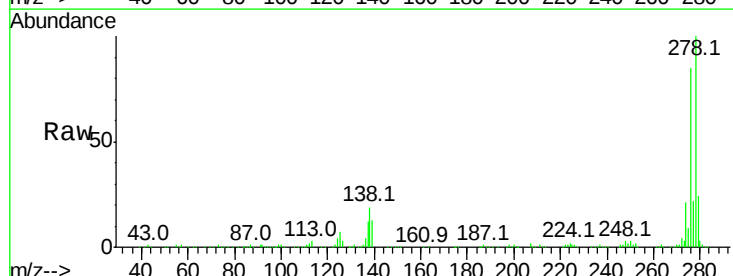
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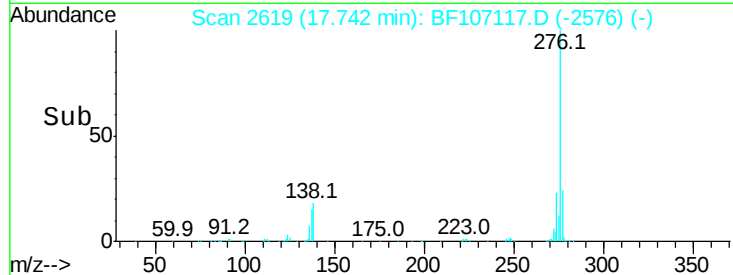
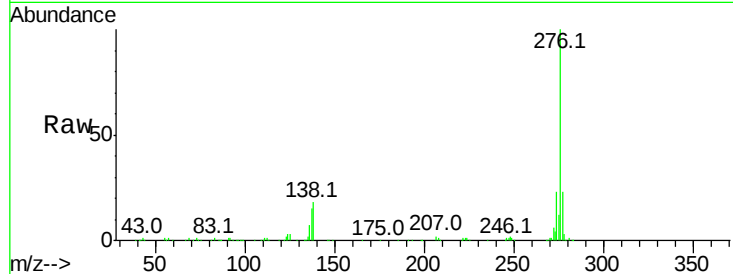
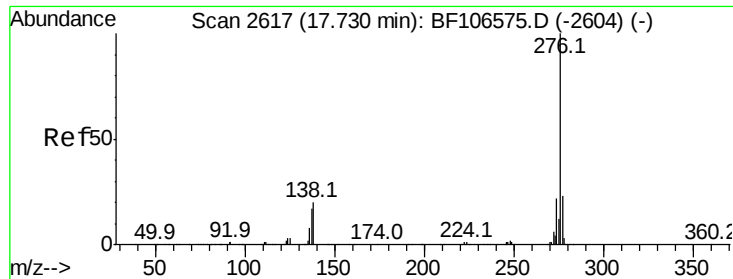
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#90
Dibenzo(a,h)anthracene
Concen: 44.086 ng
RT: 17.27 min Scan# 2538
Delta R.T. -0.06 min
Lab File: BF107117.D
Acq: 5 Jul 2018 10:52

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.8	15.9	23.9
279	24.4	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 48.297 ng
 RT: 17.74 min Scan# 2619
 Delta R.T. -0.05 min
 Lab File: BF107117.D
 Acq: 5 Jul 2018 10:52

Instrument :
 BNA_F
 ClientSampleId :
 PB110801BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.5	17.9	26.9	
138	18.0	21.8	32.8	

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