

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070618\
 Data File : BF107168.D
 Acq On : 6 Jul 2018 13:07
 Operator : JU/SJ
 Sample : PB110856BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Manual Integrations
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 7/6/2018 3:30:57 PM

Quant Time: Jul 06 15:05:56 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	6.94	152	58753	20.00	ng	-0.02
21) Naphthalene-d8	8.23	136	228037	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	120562	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	247234	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	173742	20.00	ng	-0.03
86) Perylene-d12	15.67	264	165033	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	404468	116.57	ng	0.00
7) Phenol-d6	6.60	99	502809	116.04	ng	-0.01
23) Nitrobenzene-d5	7.51	82	327059	79.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	181636	129.99	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	614188	86.49	ng	-0.02
78) Terphenyl-d14	13.07	244	758043	105.69	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.84	88	52029	29.167	ng	96
3) Pyridine	3.63	79	157013	32.455	ng	97
4) n-Nitrosodimethylamine	3.59	42	66703	32.463	ng	# 78
6) Aniline	6.62	93	135729	23.093	ng	# 74
8) 2-Chlorophenol	6.74	128	151406	39.785	ng	98
9) Benzaldehyde	6.50	77	69145	20.542	ng	99
10) Phenol	6.61	94	186869	37.790	ng	79
11) bis(2-Chloroethyl)ether	6.68	93	152247	37.294	ng	97
12) 1,3-Dichlorobenzene	6.88	146	173907	39.017	ng	97
13) 1,4-Dichlorobenzene	6.97	146	175378	38.919	ng	98
14) 1,2-Dichlorobenzene	7.12	146	163851	39.675	ng	96
15) Benzyl Alcohol	7.10	79	125970	36.206	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.21	45	209304	39.077	ng	# 13
17) 2-Methylphenol	7.21	107	129268	39.692	ng	# 89
18) Hexachloroethane	7.45	117	59136	37.317	ng	# 82
19) n-Nitroso-di-n-propylamine	7.35	70	107294	37.566	ng	96
20) 3+4-Methylphenols	7.37	107	169960	49.842	ng	98
22) Acetophenone	7.35	105	213420	41.833	ng	# 99
24) Nitrobenzene	7.53	77	165997	39.624	ng	97
25) Isophorone	7.77	82	302874	41.887	ng	98
26) 2-Nitrophenol	7.85	139	86214	43.594	ng	97
27) 2,4-Dimethylphenol	7.88	122	142955	46.767	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	192904	39.734	ng	99
29) 2,4-Dichlorophenol	8.10	162	141941	44.353	ng	95
30) 1,2,4-Trichlorobenzene	8.17	180	154363	43.785	ng	96
31) Naphthalene	8.25	128	444719	41.713	ng	99
32) Benzoic acid	8.03	122	81197	37.889	ng	97
33) 4-Chloroaniline	8.30	127	65566	14.657	ng	98
34) Hexachlorobutadiene	8.35	225	99538	43.331	ng	98
35) Caprolactam	8.69	113	46422m	44.500	ng	
36) 4-Chloro-3-methylphenol	8.80	107	146831	43.590	ng	97
37) 2-Methylnaphthalene	8.94	142	330685	46.795	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	173516	42.736	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	95095	45.523	ng	96

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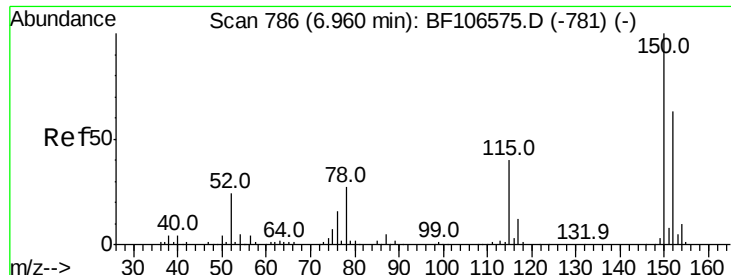
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Quant Time: Jul 06 15:05:56 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	101545	37.625	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	104753	37.197	nq	# 86
45) 1,1'-Biphenyl	9.41	154	398796	41.506	nq	98
46) 2-Chloronaphthalene	9.44	162	294003	38.874	nq	95
47) 2-Nitroaniline	9.54	65	95061	37.378	nq	99
48) Acenaphthylene	9.85	152	465598	38.993	nq	99
49) Dimethylphthalate	9.70	163	346684	38.340	nq	97
50) 2,6-Dinitrotoluene	9.78	165	82127	42.892	nq	93
51) Acenaphthene	10.02	154	283540	37.709	nq	98
52) 3-Nitroaniline	9.95	138	47517	21.566	nq	98
53) 2,4-Dinitrophenol	10.07	184	64415	65.728	nq	# 18
54) Dibenzofuran	10.20	168	424032	41.184	nq	97
55) 4-Nitrophenol	10.14	139	67958	44.187	nq	90
56) 2,4-Dinitrotoluene	10.19	165	106562	42.637	nq	92
57) Fluorene	10.54	166	347814	42.571	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	94844	42.367	nq	# 77
59) Diethylphthalate	10.40	149	332478	38.096	nq	# 94
60) 4-Chlorophenyl-phenylether	10.52	204	179469	41.983	nq	# 87
61) 4-Nitroaniline	10.58	138	84671	38.721	nq	95
62) Azobenzene	10.69	77	327111	38.062	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	58844	38.504	nq	79
65) n-Nitrosodiphenylamine	10.65	169	304001	36.557	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	125756	42.620	nq	# 80
67) Hexachlorobenzene	11.09	284	134362	43.508	nq	# 86
68) Atrazine	11.18	200	109607	41.461	nq	94
69) Pentachlorophenol	11.29	266	80978m	52.552	nq	
70) Phenanthrene	11.51	178	516909	43.348	nq	99
71) Anthracene	11.57	178	535920	44.031	nq	98
72) Carbazole	11.72	167	463825	40.702	nq	99
73) Di-n-butylphthalate	12.02	149	519302	38.682	nq	99
74) Fluoranthene	12.70	202	560209	42.623	nq	96
76) Benzidine	12.82	184	144762	29.256	nq	97
77) Pyrene	12.94	202	546782	47.724	nq	100
79) Butylbenzylphthalate	13.53	149	194457	41.281	nq	# 94
80) Benzo(a)anthracene	14.12	228	448320	42.338	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	98154	26.374	nq	# 94
82) Chrysene	14.17	228	428818	44.018	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	230567	38.285	nq	# 96
84) Di-n-octyl phthalate	14.70	149	351115	35.767	nq	# 96
85) Indeno(1,2,3-cd)pyrene	17.25	276	473877	57.320	nq	# 89
87) Benzo(b)fluoranthene	15.21	252	401067	39.122	nq	# 96
88) Benzo(k)fluoranthene	15.24	252	396148	40.578	nq	# 96
89) Benzo(a)pyrene	15.60	252	395699	43.419	nq	97
90) Dibenzo(a,h)anthracene	17.26	278	392125	50.769	nq	# 94
91) Benzo(g,h,i)perylene	17.74	276	411518	54.511	nq	# 89

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



#1

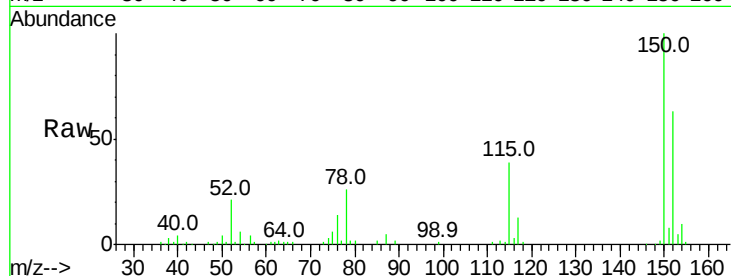
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

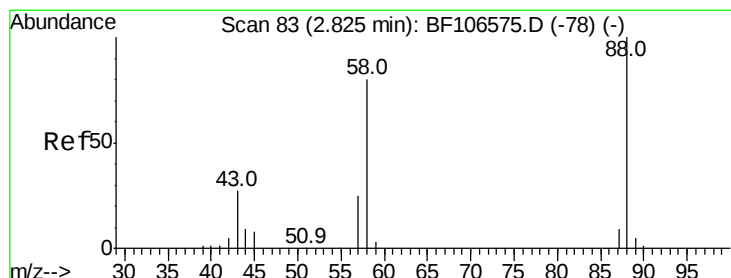
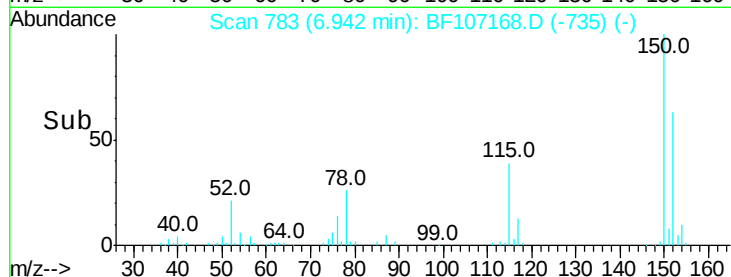
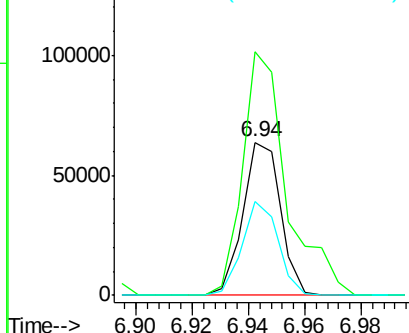
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.0	124.6	186.8
115	61.6	50.1	75.1

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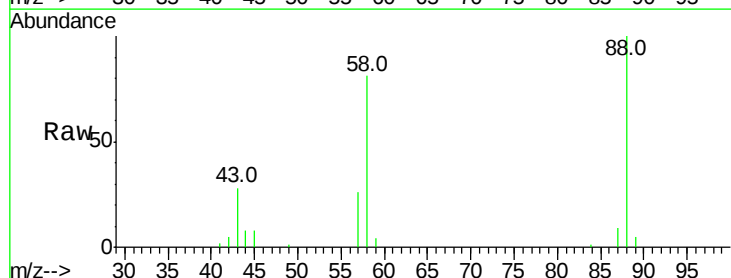
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



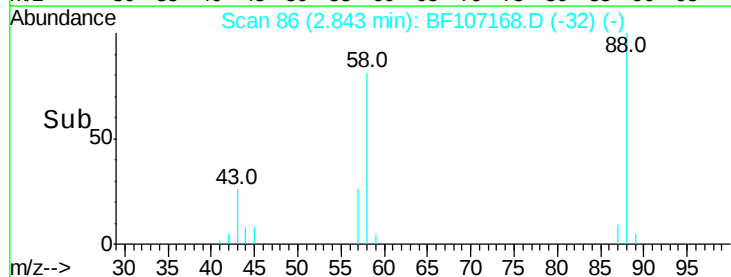
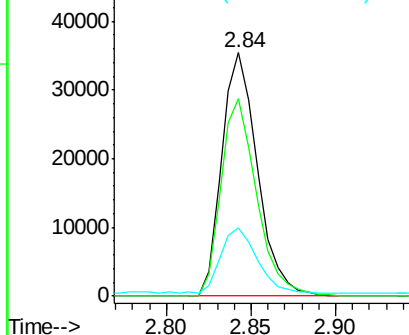
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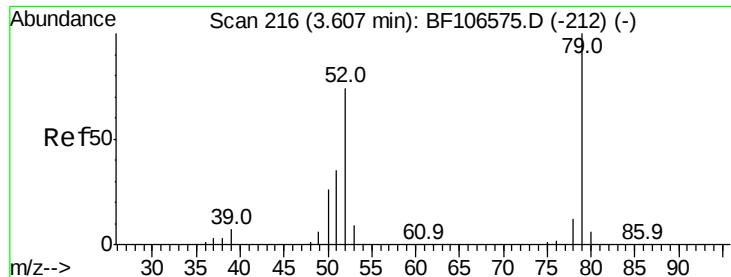
1,4-Dioxane
Concen: 29.167 ng
RT: 2.84 min Scan# 86
Delta R.T. 0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.2	62.6	93.8
43	27.7	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





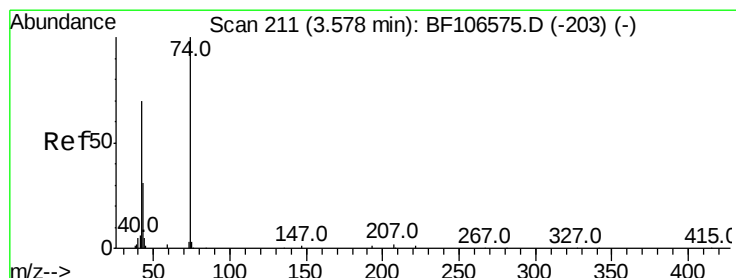
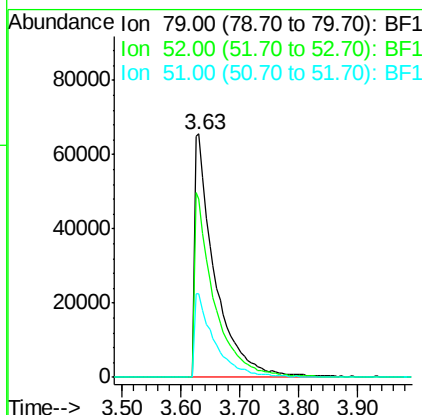
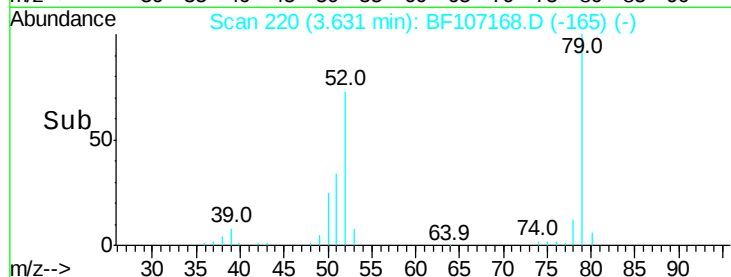
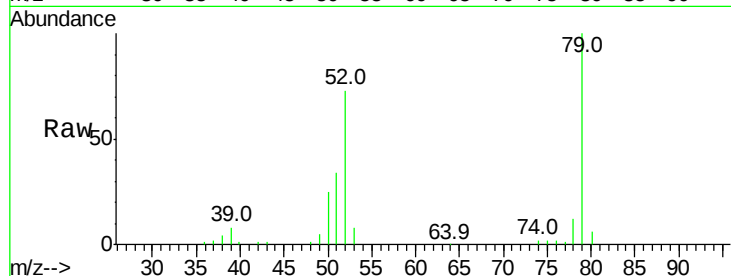
#3
 Pvridine
 Concen: 32.455 ng
 RT: 3.63 min Scan# 220
 Delta R.T. 0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.2	59.8	89.6
51	34.2	29.8	44.8

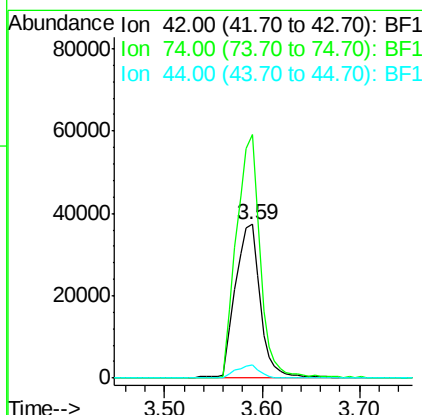
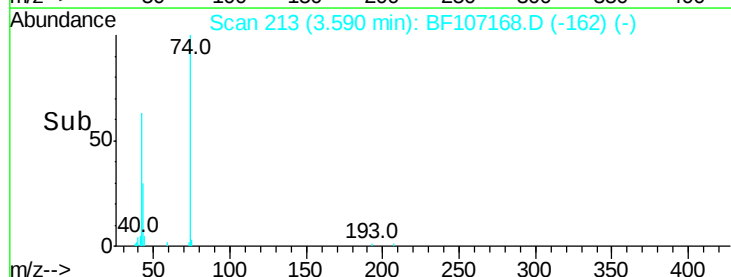
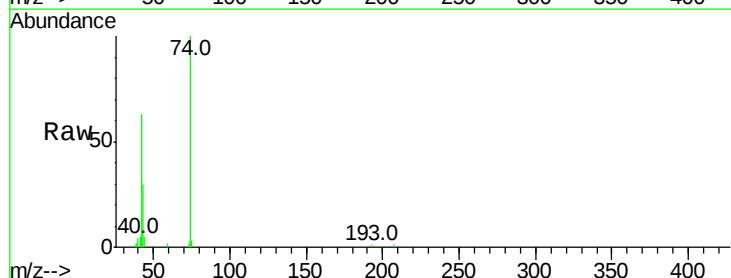
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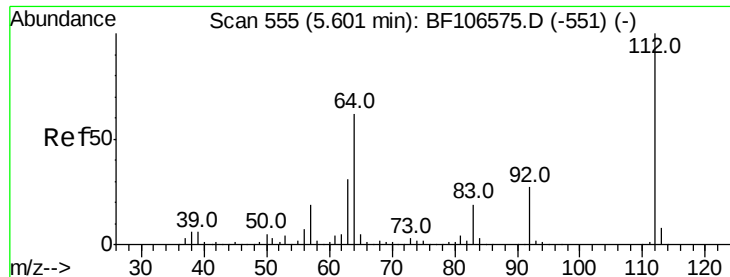
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#4
 n-Nitrosodimethylamine
 Concen: 32.463 ng
 RT: 3.59 min Scan# 213
 Delta R.T. -0.00 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
42	100		
74	158.7	104.9	157.3#
44	8.4	6.9	10.3





#5

2-Fluorophenol

Concen: 116.572 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

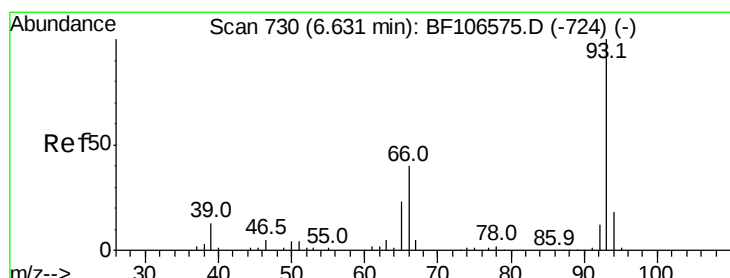
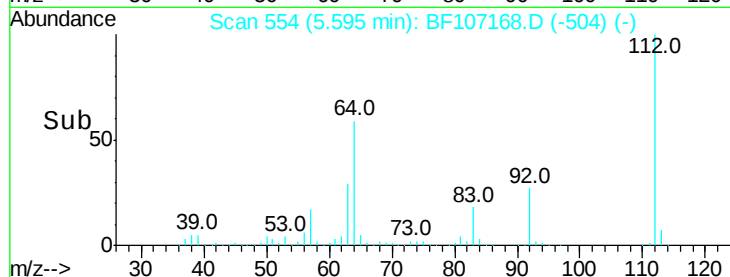
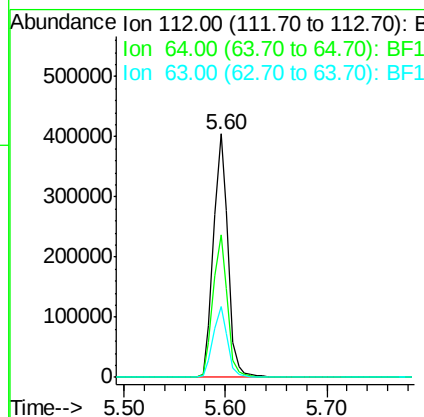
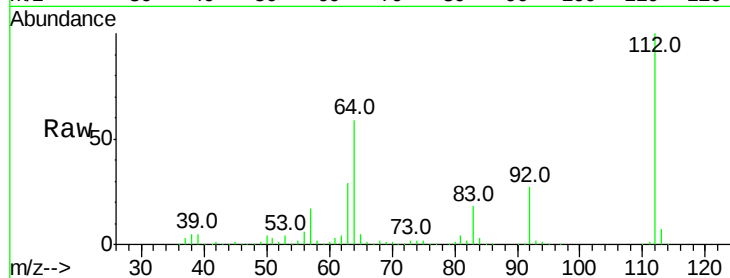
ClientSampleId :

PB110856BS

Tot Ion:	112	Resp:	404468
Ion Ratio	Lower	Upper	
112	100		
64	58.6	47.9	71.9
63	29.2	23.7	35.5

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#6

Aniline

Concen: 23.093 ng

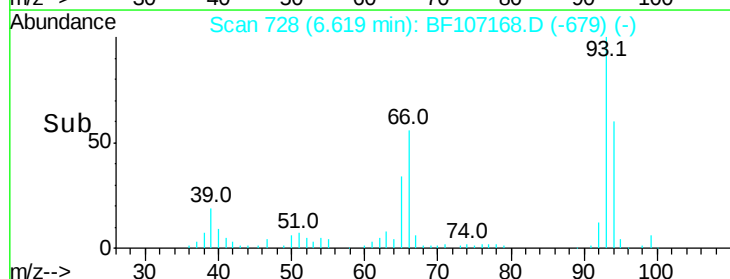
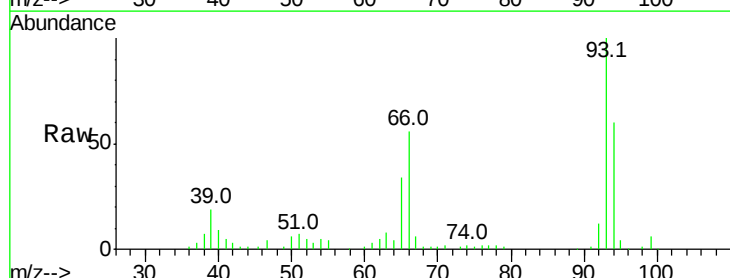
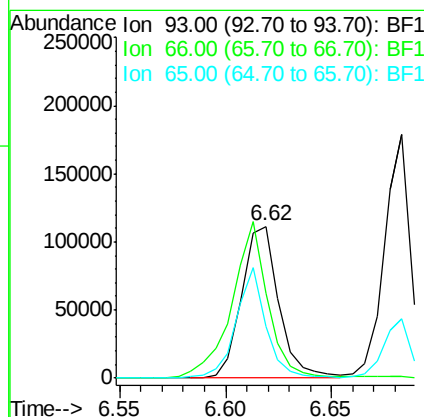
RT: 6.62 min Scan# 728

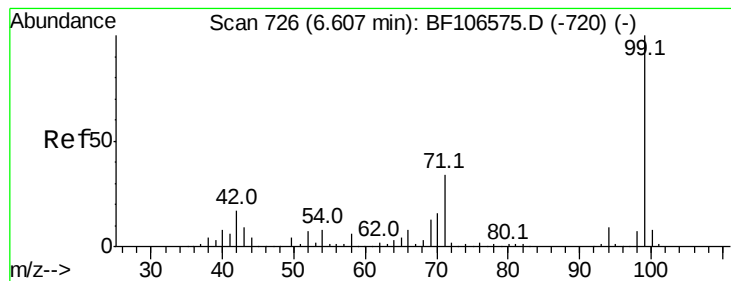
Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	93	Resp:	135729
Ion Ratio	Lower	Upper	
93	100		
66	55.5	32.2	48.2#
65	33.6	16.4	24.6#





#7

Phenol-d6

Concen: 116.042 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

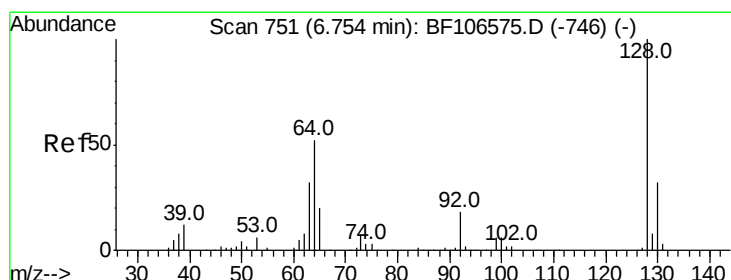
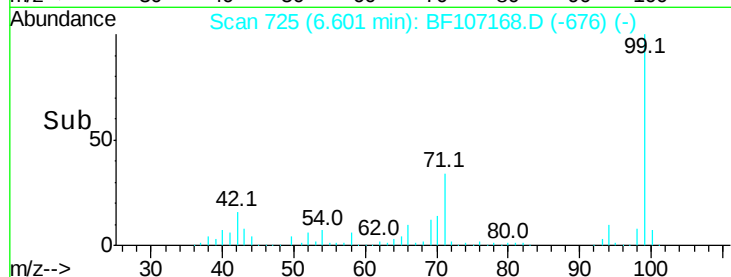
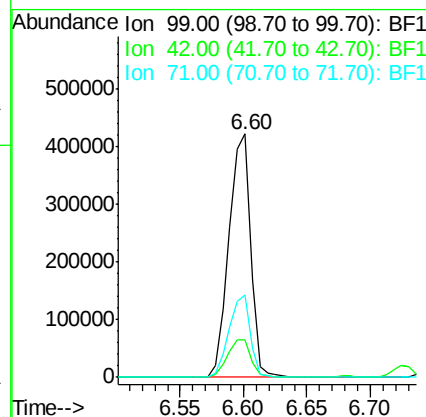
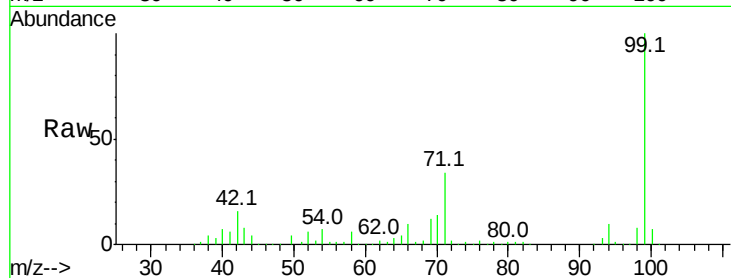
ClientSampled :

PB110856BS

Tot Ion:	99	Resp:	502809
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	33.7	25.4	38.0

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#8

2-Chlorophenol

Concen: 39.785 ng

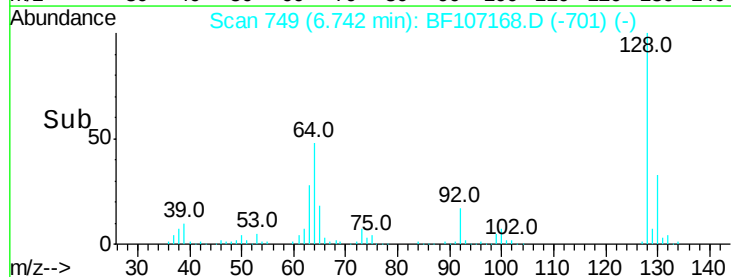
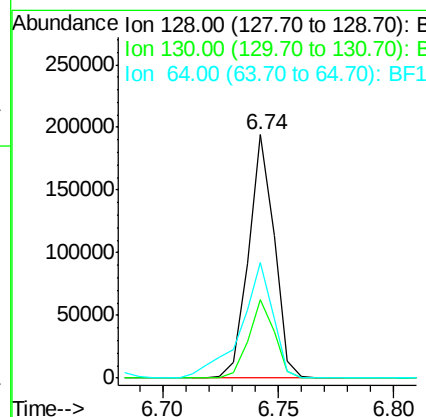
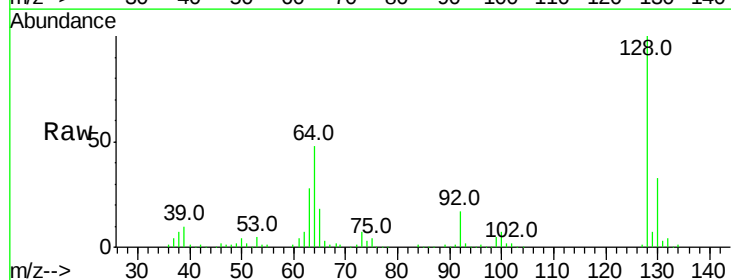
RT: 6.74 min Scan# 749

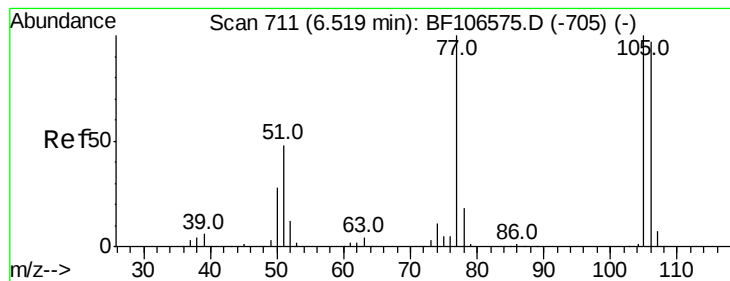
Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	128	Resp:	151406
Ion Ratio	Lower	Upper	
128	100		
130	32.5	13.0	53.0
64	47.7	29.4	69.4





#9

Benzaldehyde

Concen: 20.542 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

ClientSampleID :

PB110856BS

Tot Ion: 77 Resp: 69145

Ion Ratio Lower Upper

77 100

105 99.7 81.1 121.1

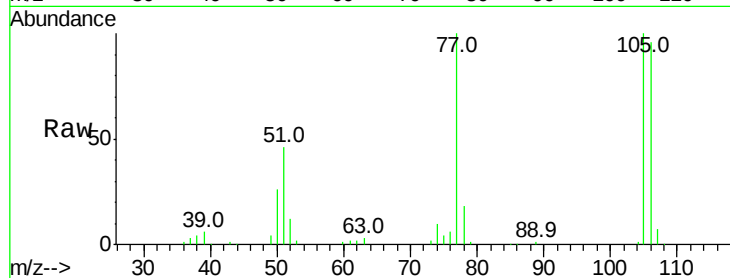
106 95.9 74.5 114.5

Manual Integrations

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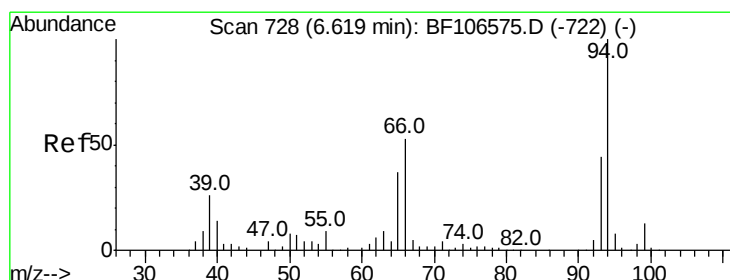
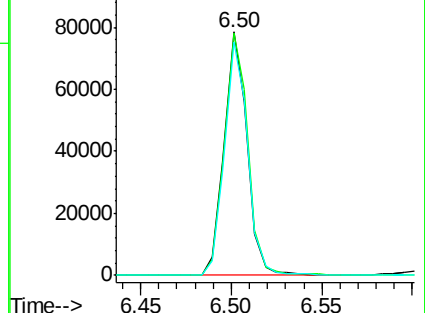
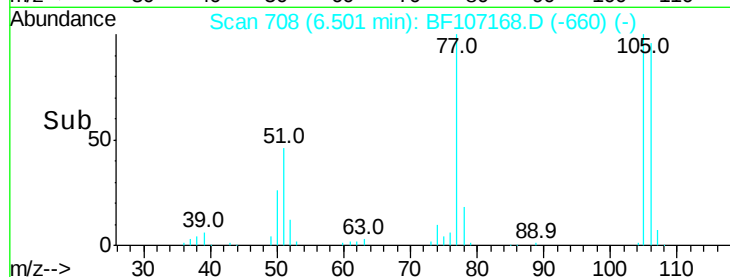
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 37.790 ng

RT: 6.61 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

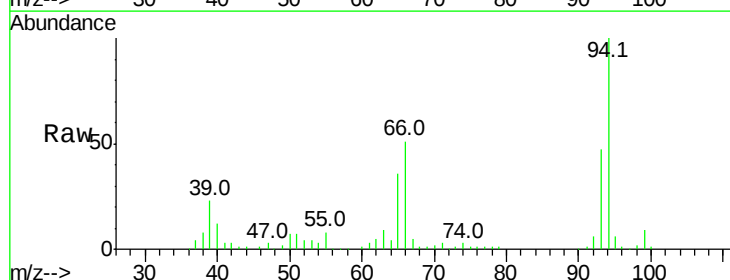
Tgt Ion: 94 Resp: 186869

Ion Ratio Lower Upper

94 100

65 35.8 7.9 47.9

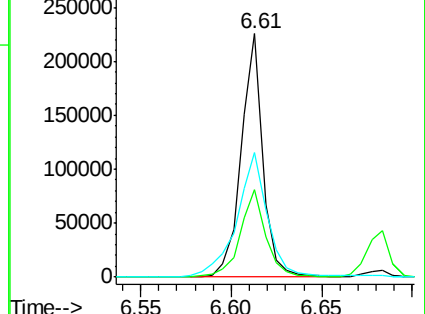
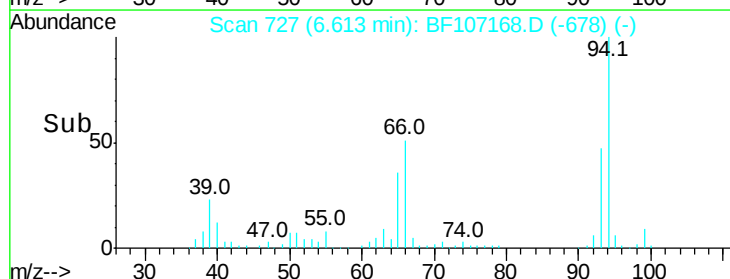
66 51.0 16.2 56.2

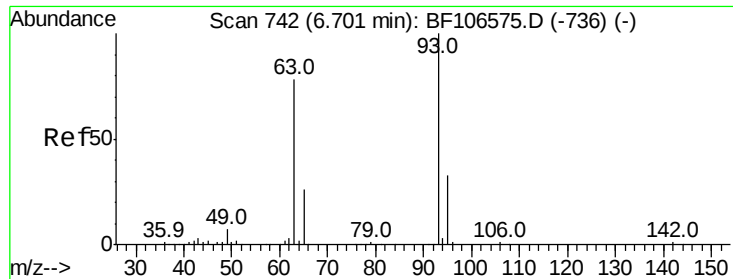


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 37.294 ng

RT: 6.68 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

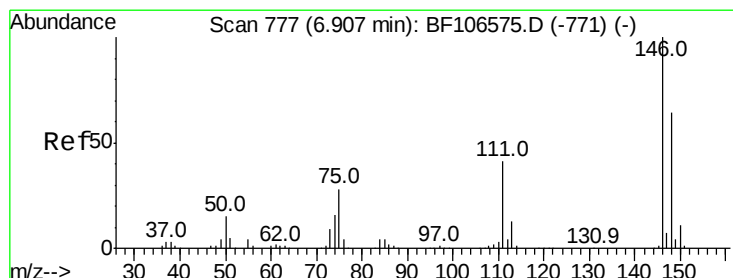
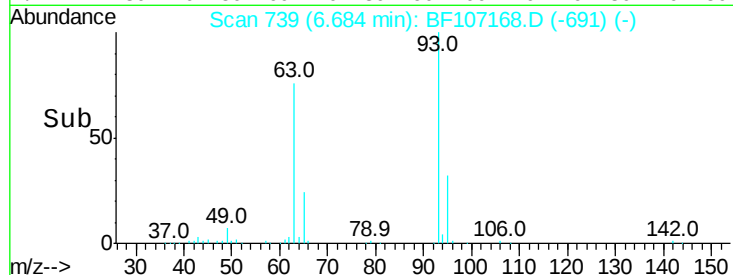
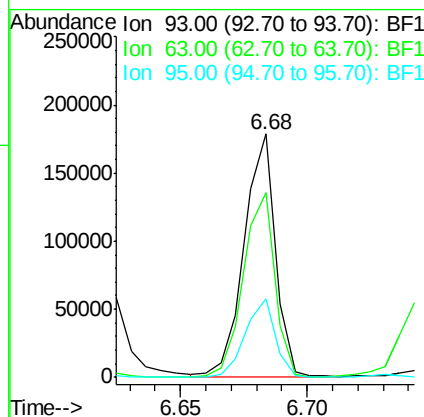
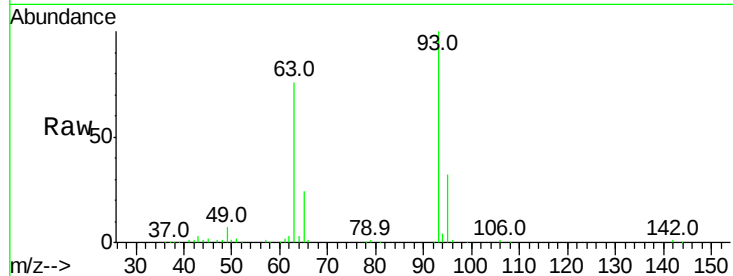
ClientSampleId :

PB110856BS

Tot Ion:	93	Resp:	152247
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.6	98.6
95	32.4	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.017 ng

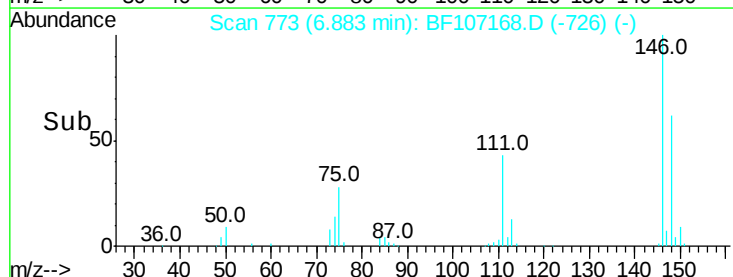
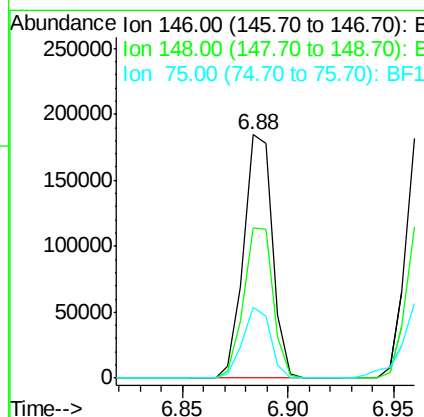
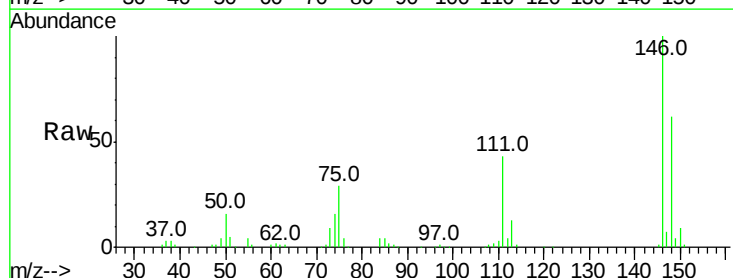
RT: 6.88 min Scan# 773

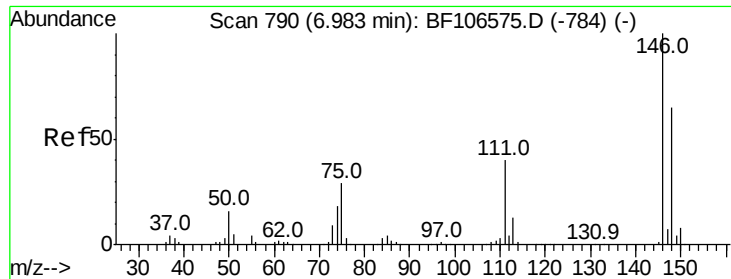
Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	146	Resp:	173907
Ion Ratio	Lower	Upper	
146	100		
148	61.8	51.8	77.8
75	29.2	24.2	36.4





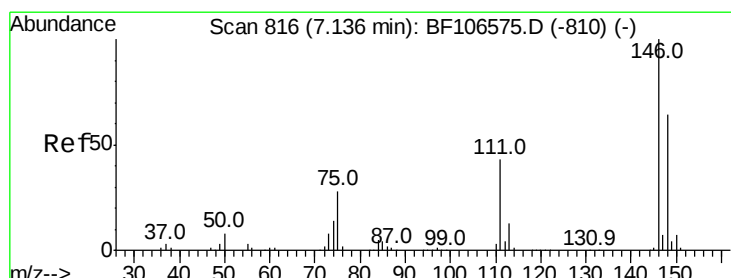
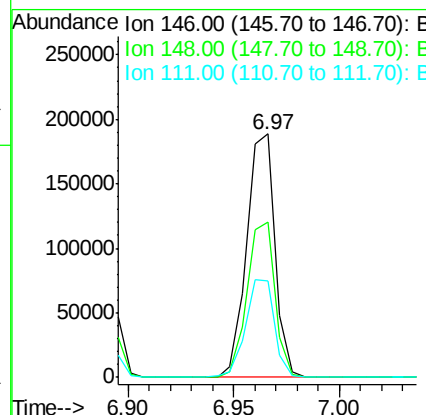
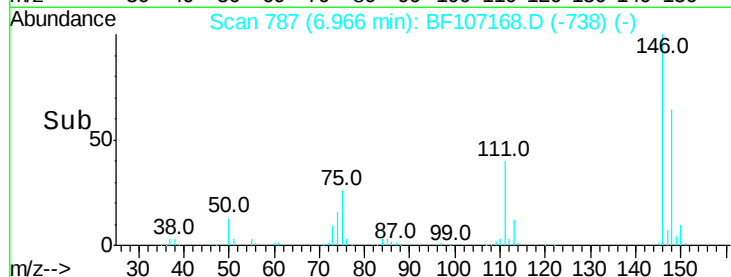
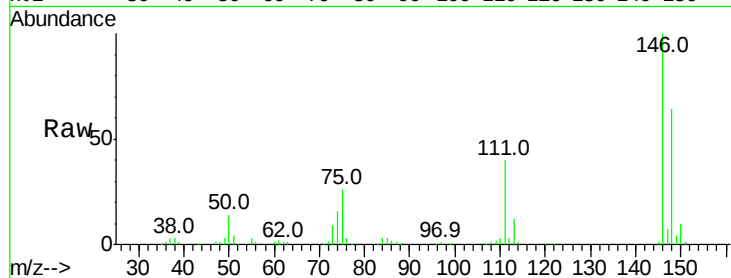
#13
 1,4-Dichlorobenzene
 Concen: 38.919 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.8	76.2
111	39.8	34.2	51.2

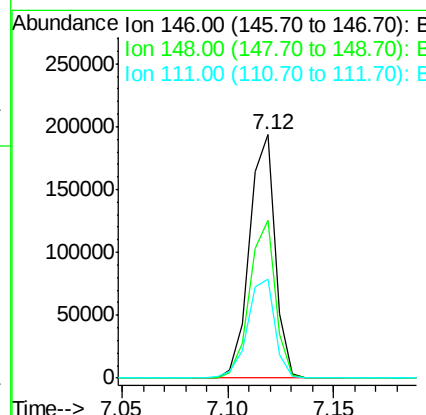
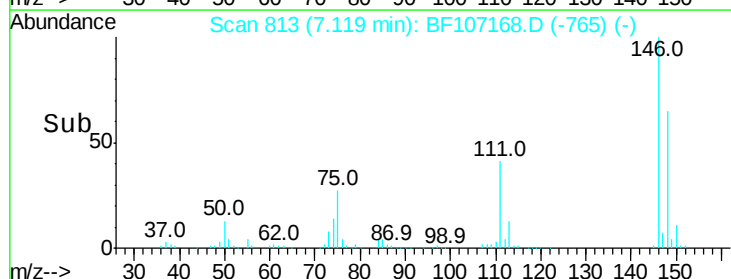
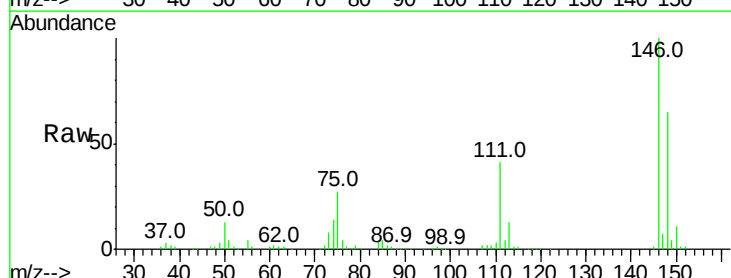
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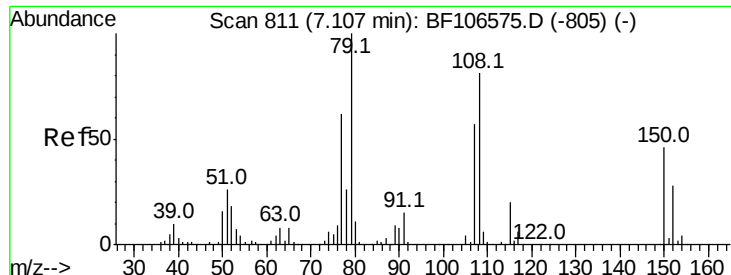
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#14
 1,2-Dichlorobenzene
 Concen: 39.675 ng
 RT: 7.12 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.6	75.8
111	40.6	36.0	54.0





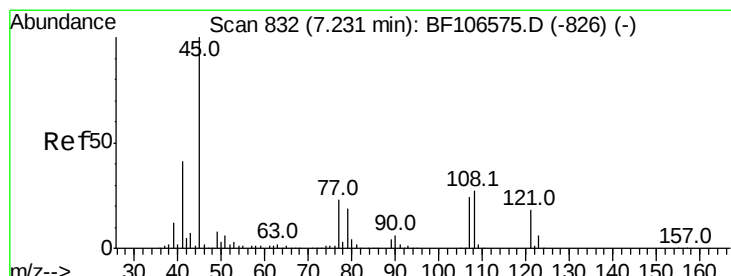
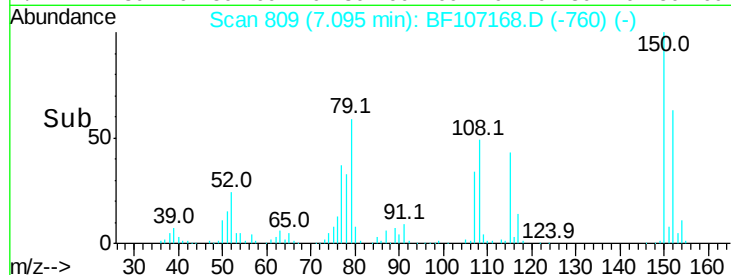
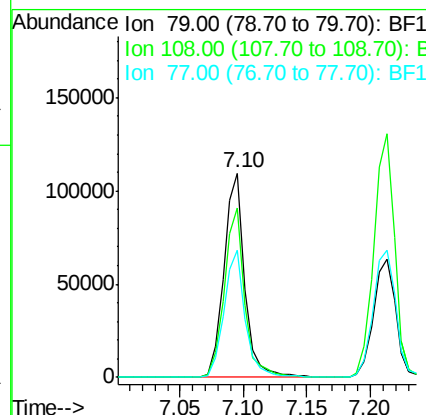
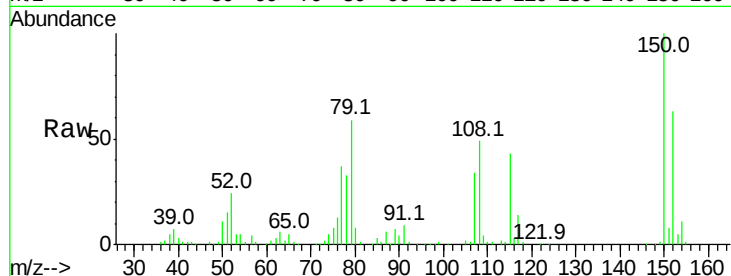
#15
Benzyl Alcohol
Concen: 36.206 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleID :
PB110856BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	82.9	65.1	97.7
77	62.3	50.6	75.8

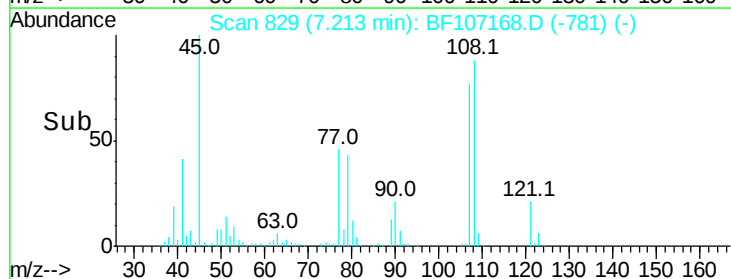
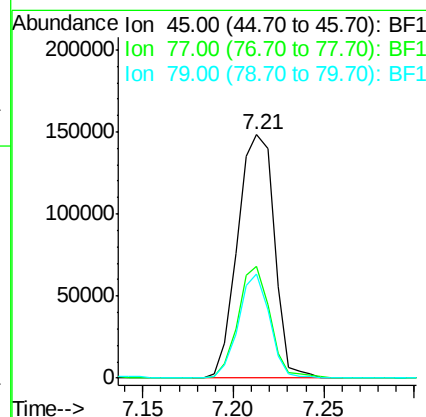
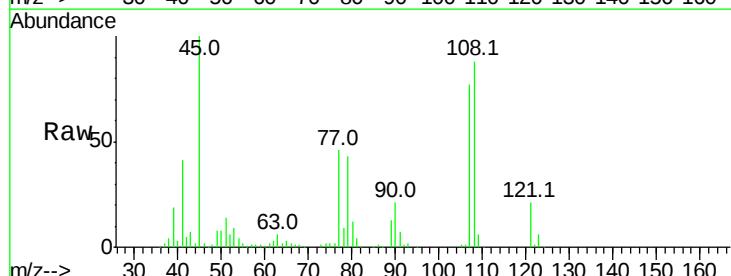
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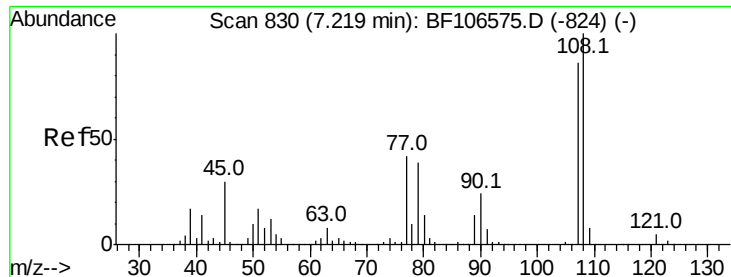
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.077 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
45	100		
77	46.1	0.0	32.9#
79	42.9	0.0	29.6#





#17

2-Methylphenol

Concen: 39.692 ng

RT: 7.21 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB110856BS

Tot Ion:107 Resp: 129268
Ion Ratio Lower Upper

107 100

108 114.1 91.7 137.5

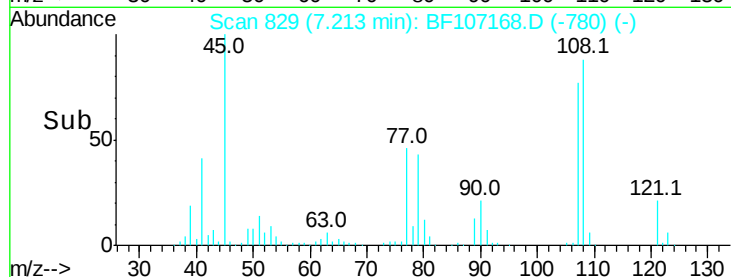
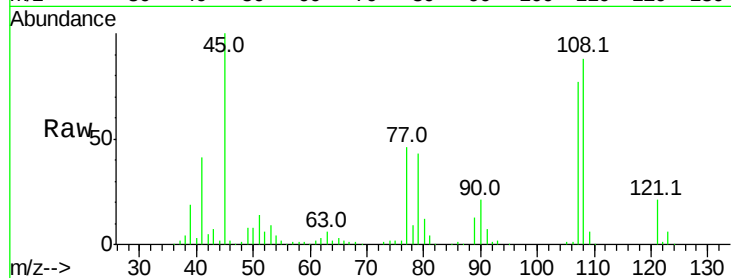
77 59.7 33.8 50.8#

79 55.6 33.8 50.8#

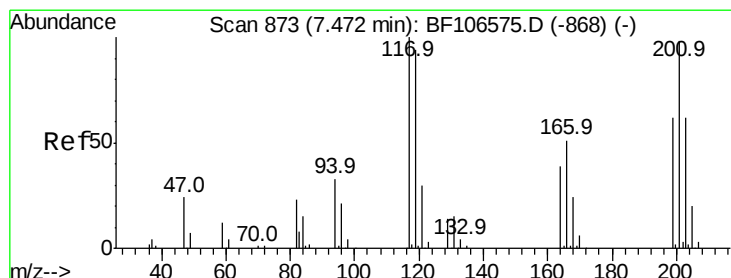
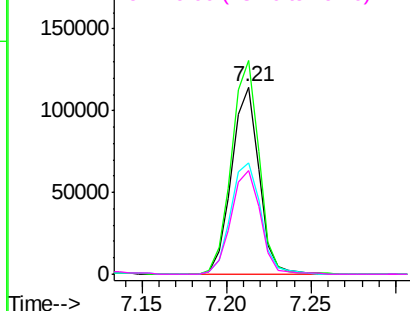
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Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 37.317 ng

RT: 7.45 min Scan# 870

Delta R.T. -0.02 min

Lab File: BF107168.D

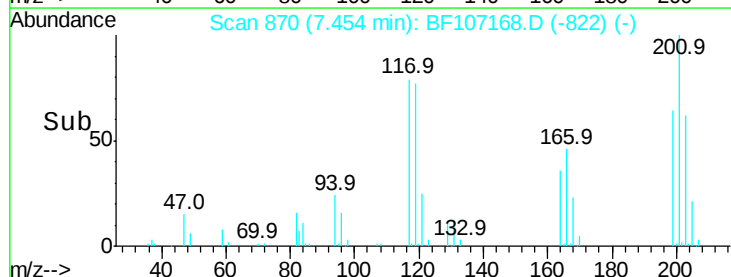
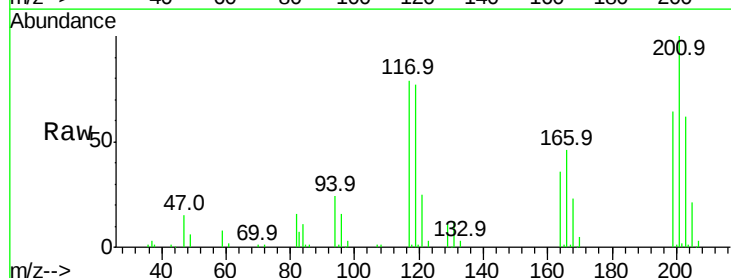
Acq: 6 Jul 2018 13:07

Tgt Ion:117 Resp: 59136
Ion Ratio Lower Upper

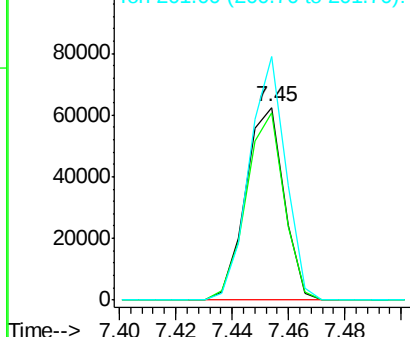
117 100

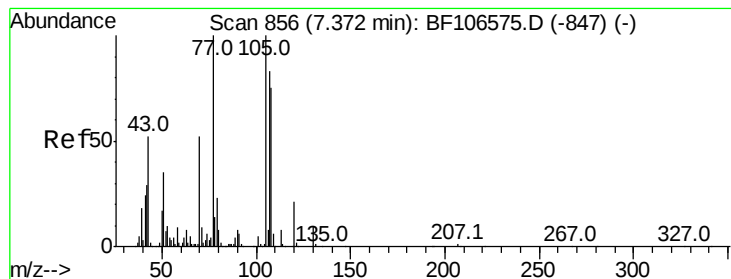
119 97.0 75.8 113.8

201 126.4 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: 37.566 ng

RT: 7.35 min Scan# 853

Delta R.T. -0.03 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

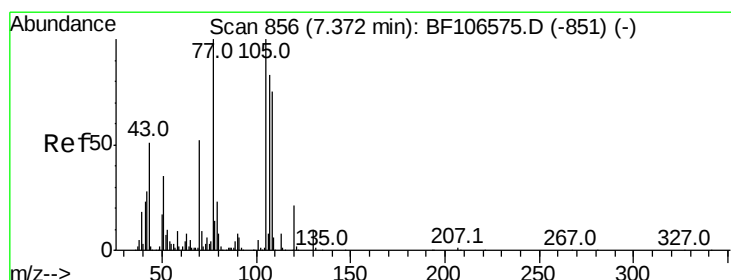
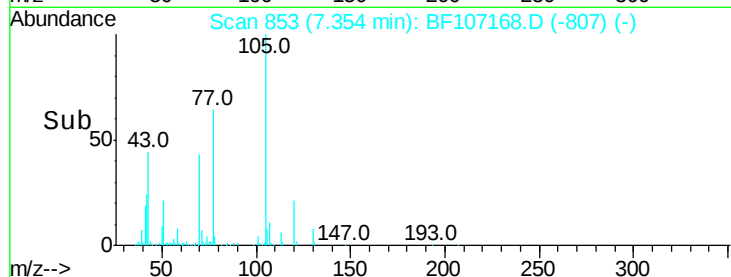
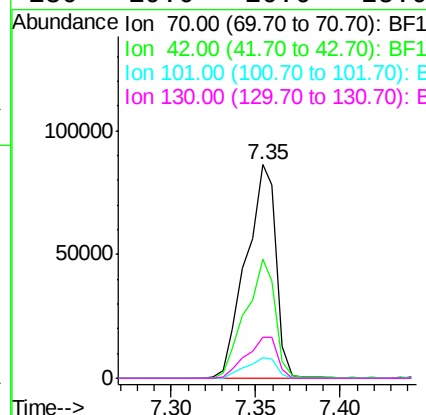
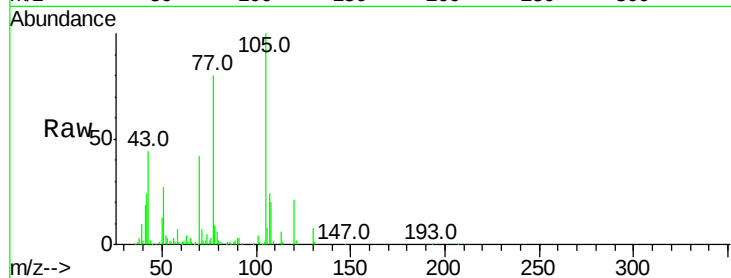
ClientSampleId :

PB110856BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	9.8	7.4	11.2
130	19.0	16.6	25.0

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#20

3+4-Methylphenols

Concen: 49.842 ng

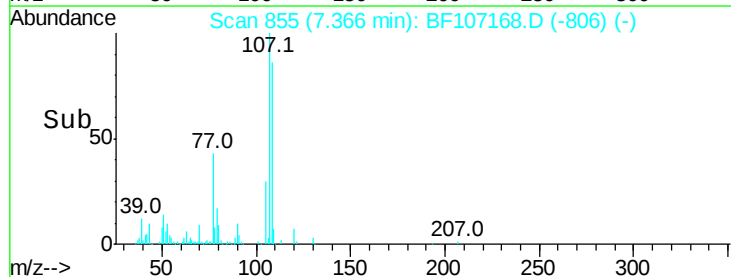
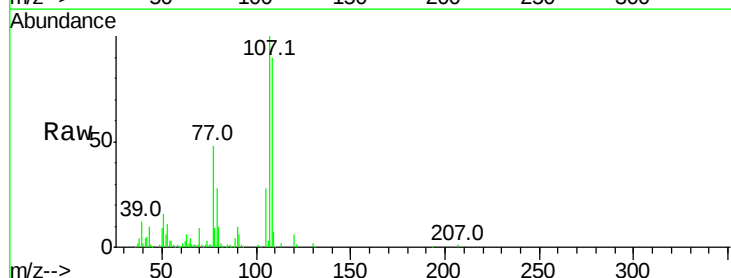
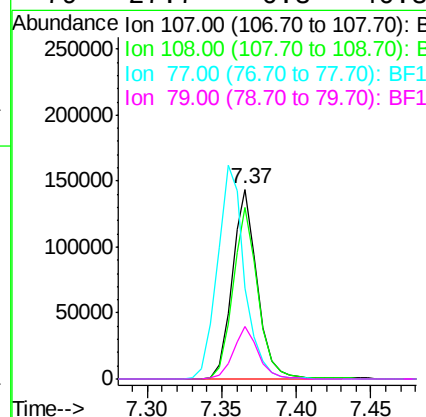
RT: 7.37 min Scan# 855

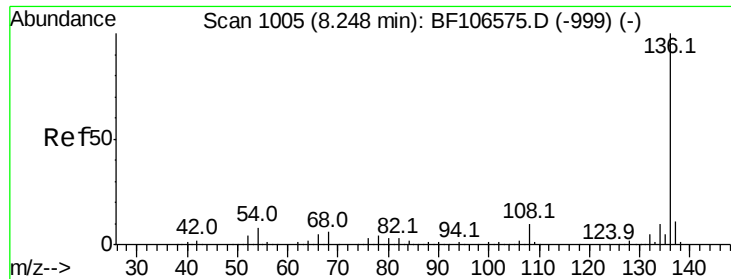
Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.5	68.2	108.2
77	48.1	26.7	66.7
79	27.7	6.3	46.3





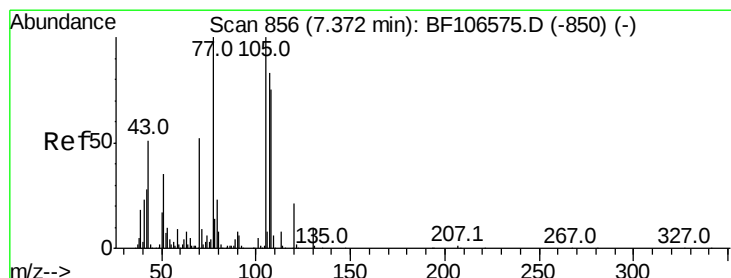
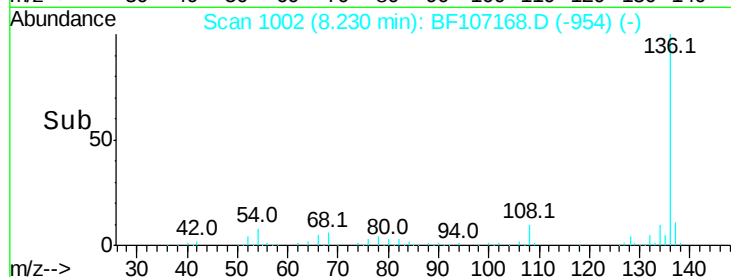
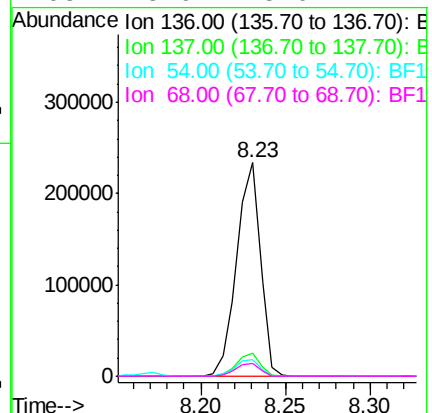
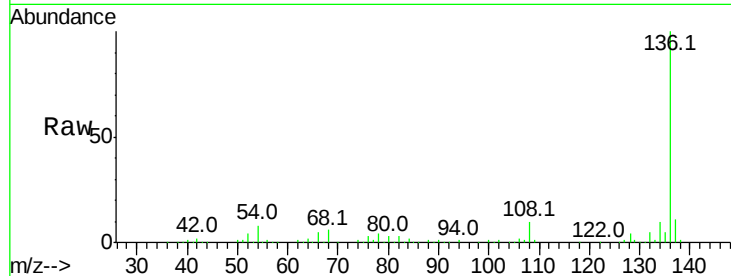
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	228037		
137	10.9		8.9	13.3
54	7.8		6.6	9.8
68	5.9		5.0	7.4

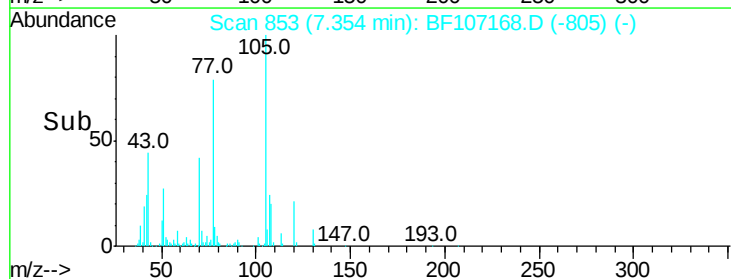
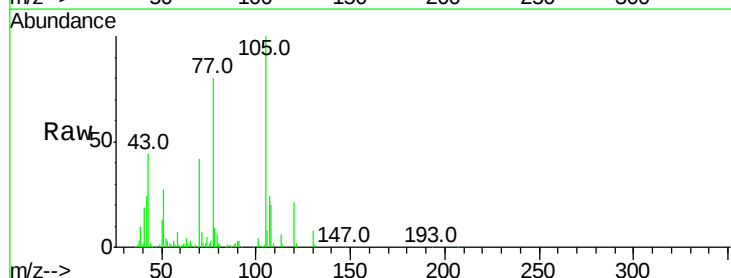
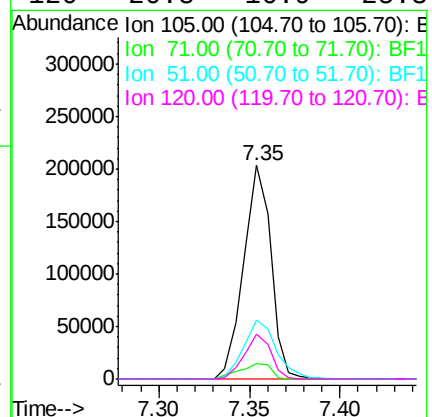
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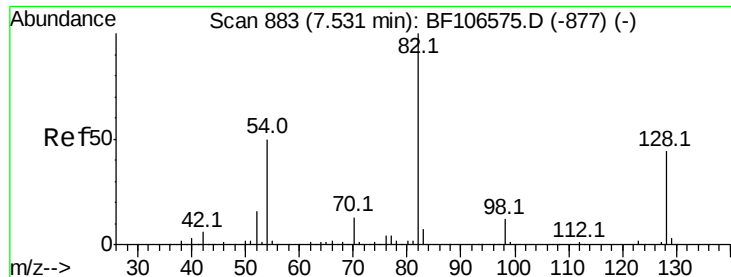
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#22
Acetophenone
Concen: 41.833 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	213420		
71	7.4		4.4	6.6#
51	27.4		22.3	33.5
120	20.8		16.9	25.3





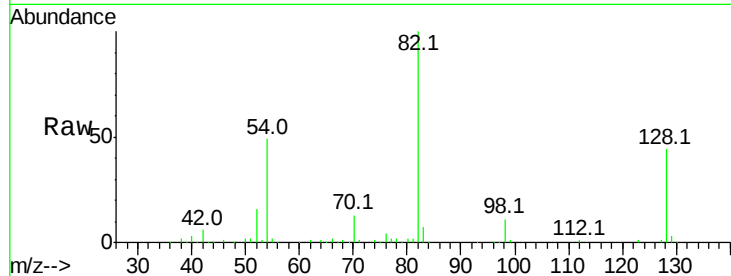
#23
Nitrobenzene-d5
Concen: 79.706 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

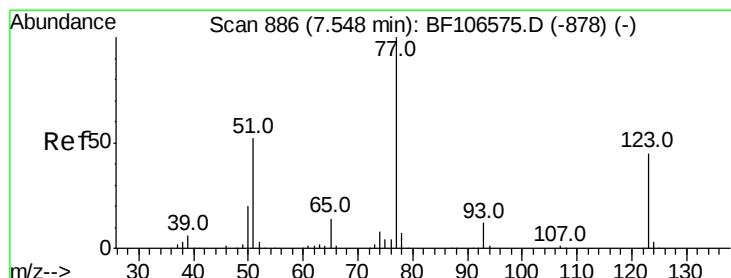
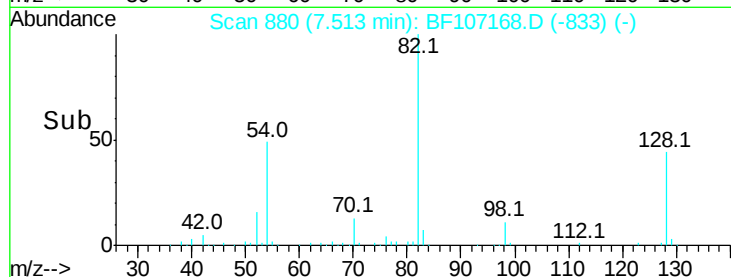
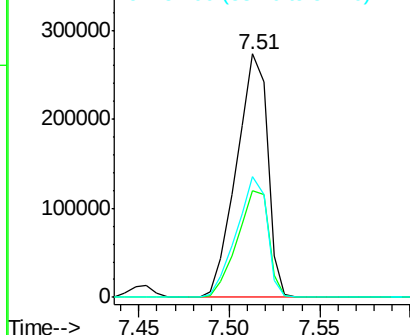
Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.6	36.1	54.1	
54	49.5	41.4	62.2	

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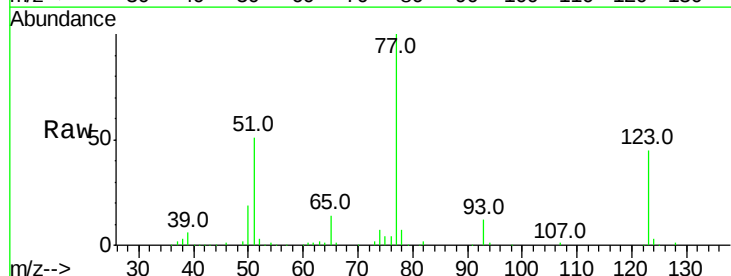


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

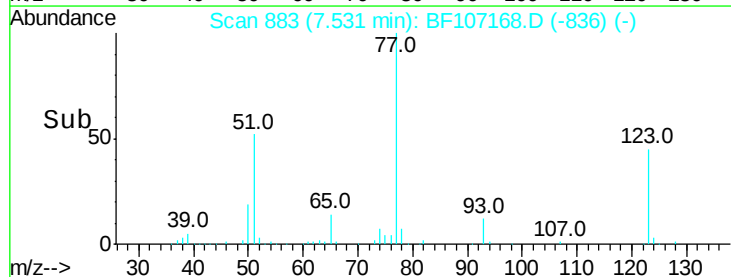
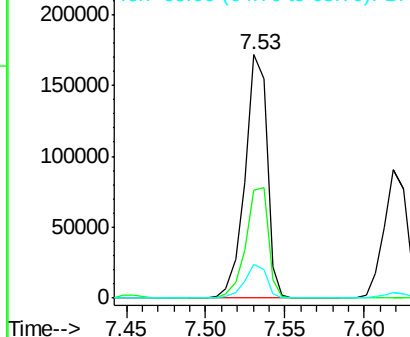


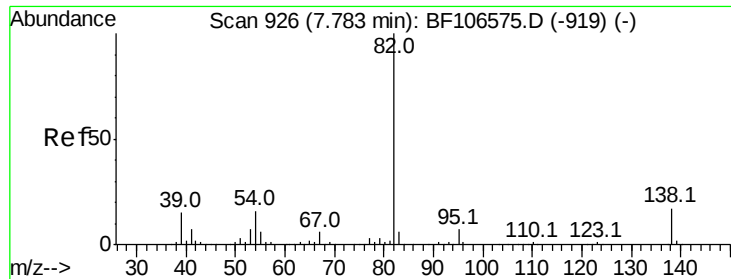
#24
Nitrobenzene
Concen: 39.624 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.6	37.9	56.9	
65	13.9	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: 41.887 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

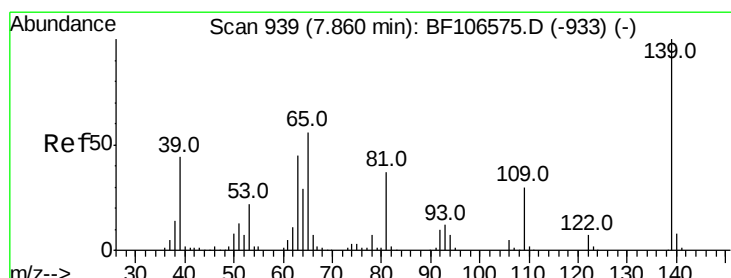
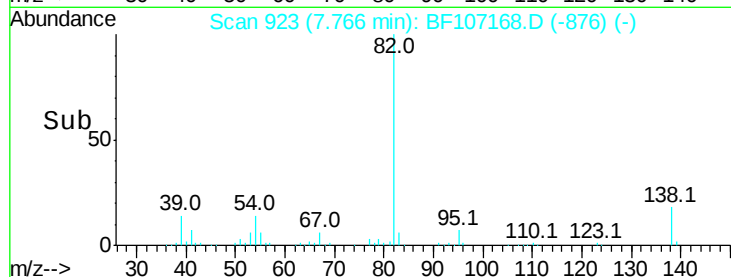
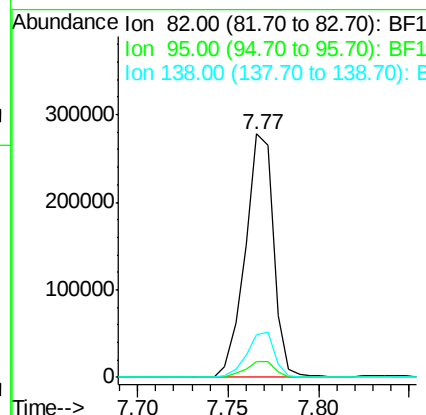
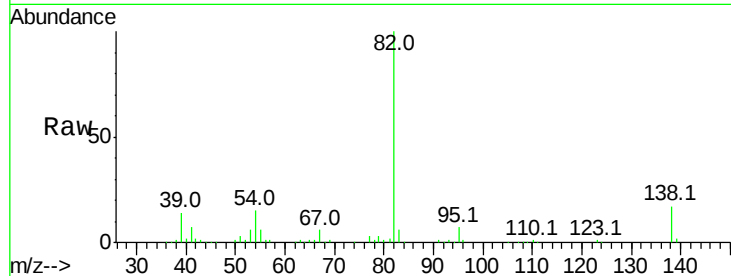
ClientSampleId :

PB110856BS

Tot Ion:	82	Resp:	302874
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.2	7.8
138	17.4	14.9	22.3

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#26

2-Nitrophenol

Concen: 43.594 ng

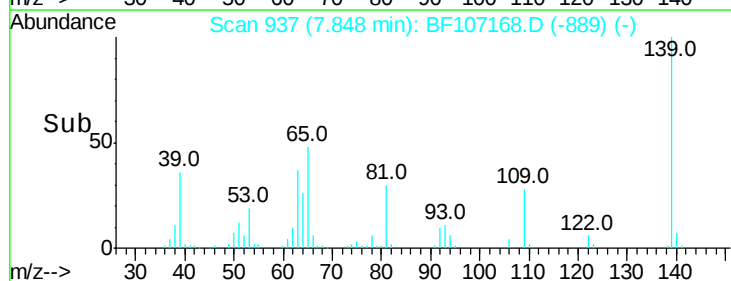
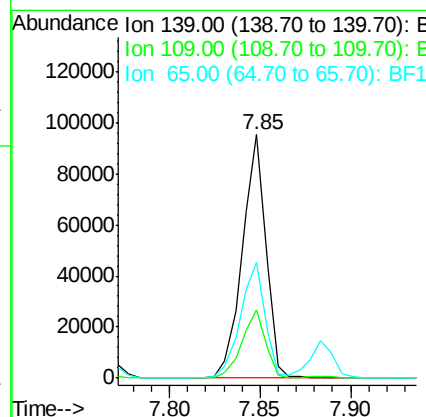
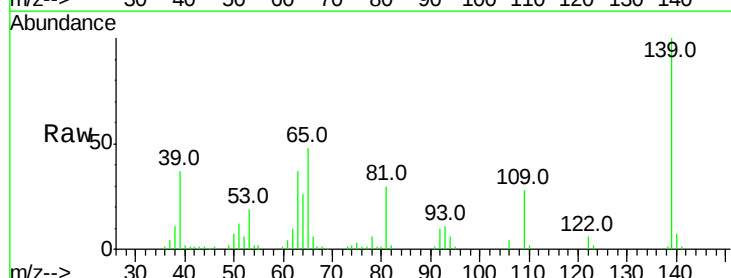
RT: 7.85 min Scan# 937

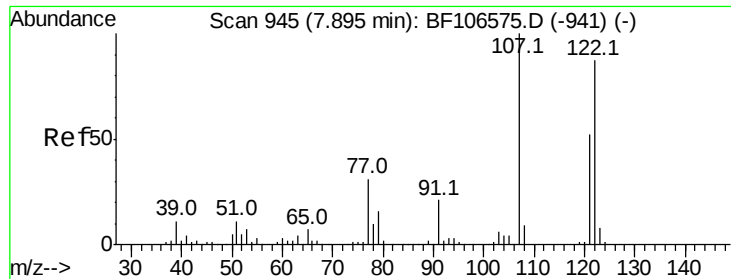
Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	139	Resp:	86214
Ion Ratio	Lower	Upper	
139	100		
109	28.0	22.7	34.1
65	47.7	40.5	60.7





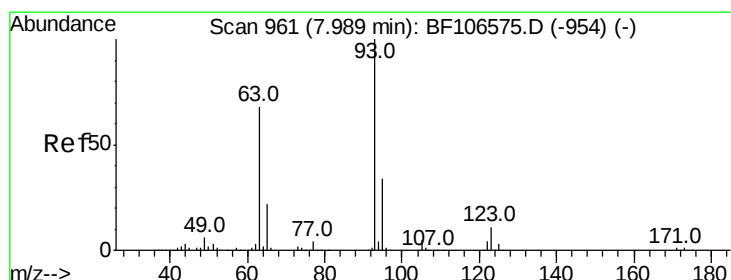
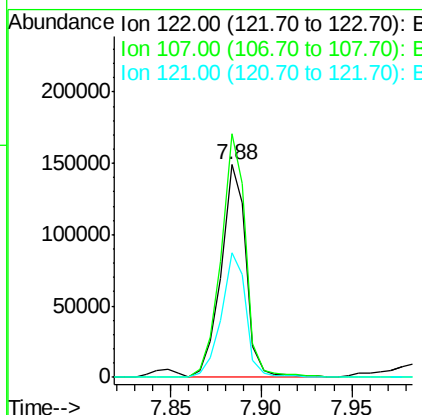
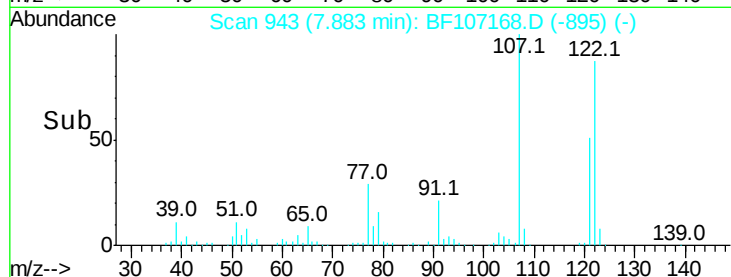
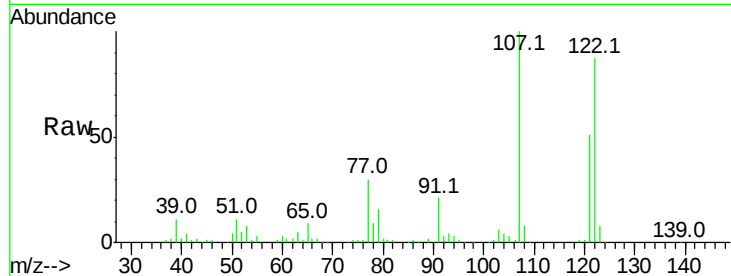
#27
2,4-Dimethylphenol
Concen: 46.767 ng
RT: 7.88 min Scan# 943
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.6	91.2	136.8
121	58.5	47.2	70.8

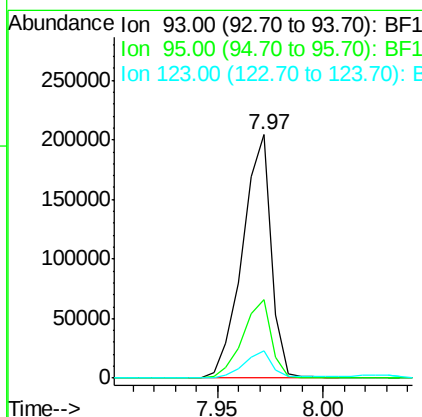
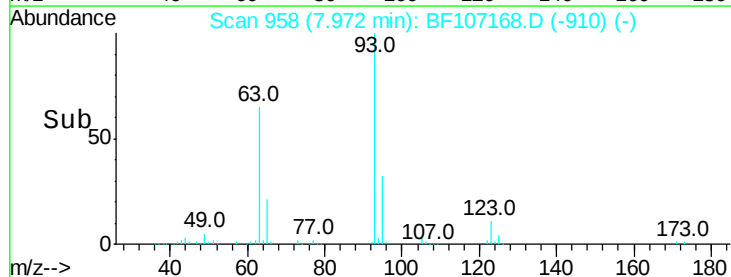
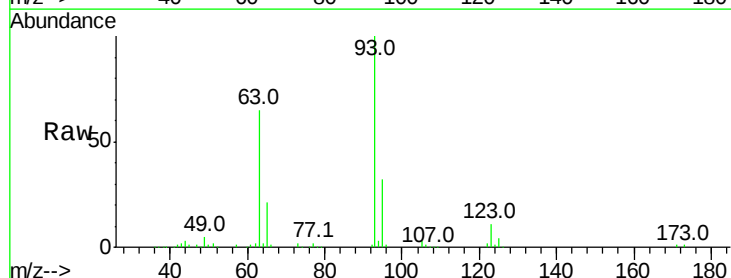
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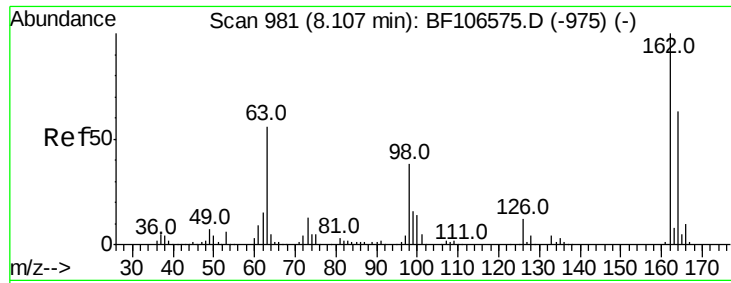
Sohil
7/6/2018 3:30:57 PM



#28
bis(2-Chloroethoxy)methane
Concen: 39.734 ng
RT: 7.97 min Scan# 958
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	11.0	9.8	14.6





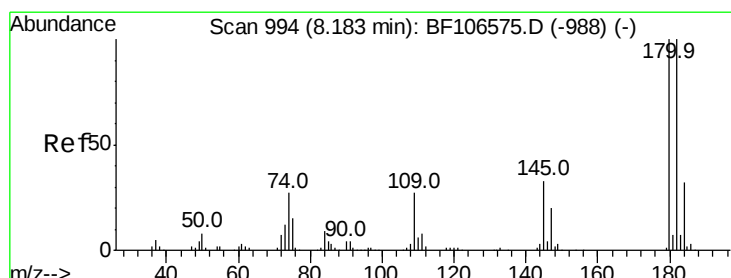
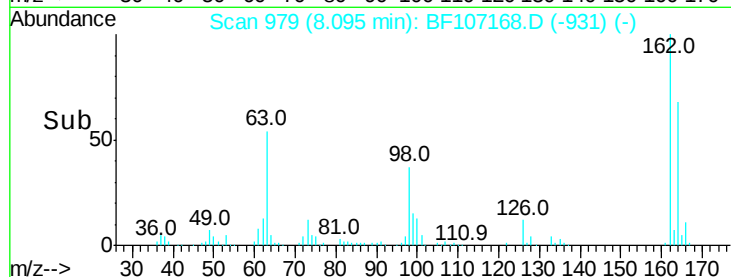
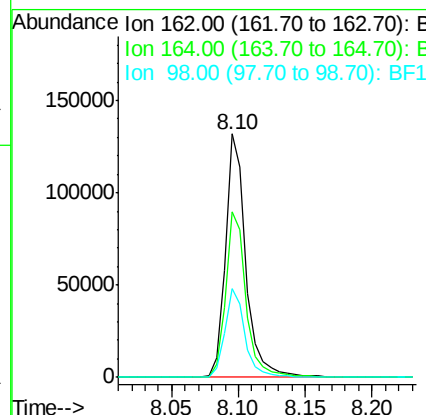
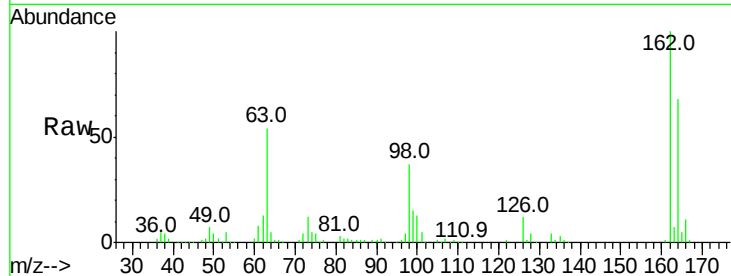
#29
 2,4-Dichlorophenol
 Concen: 44.353 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	141941		
164	67.8	42.7	82.7	
98	36.6	18.1	58.1	

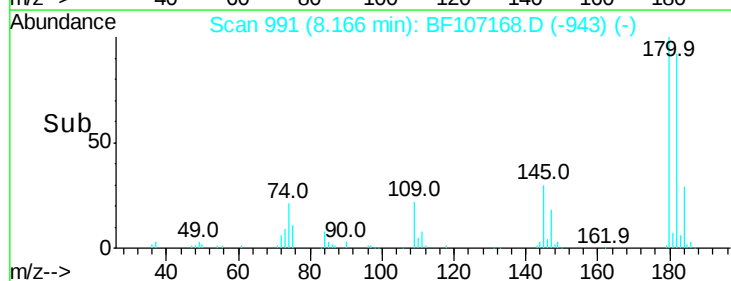
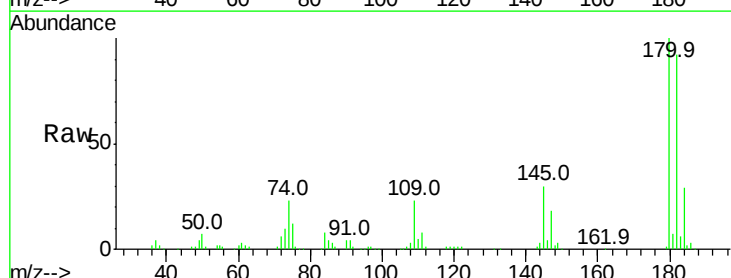
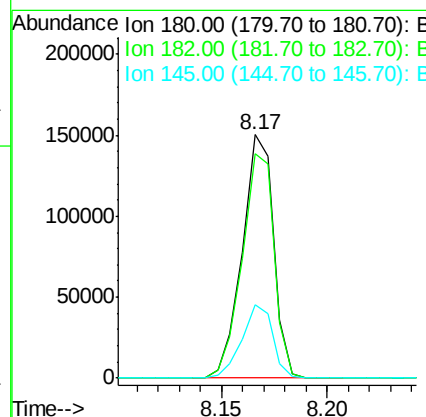
Manual Integrations
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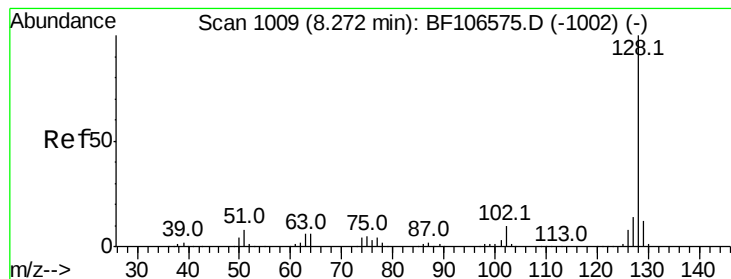
Sohil
 7/6/2018 3:30:57 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 43.785 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	154363		
182	91.9	76.8	115.2	
145	30.0	26.5	39.7	





#31

Naphthalene

Concen: 41.713 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

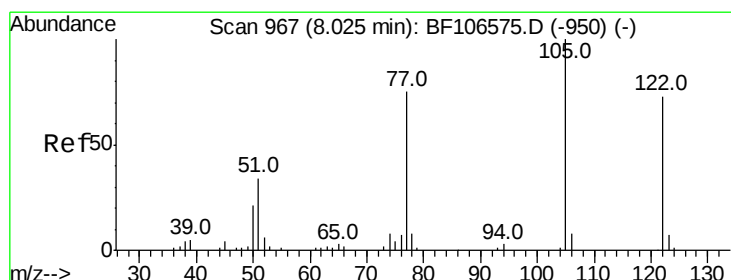
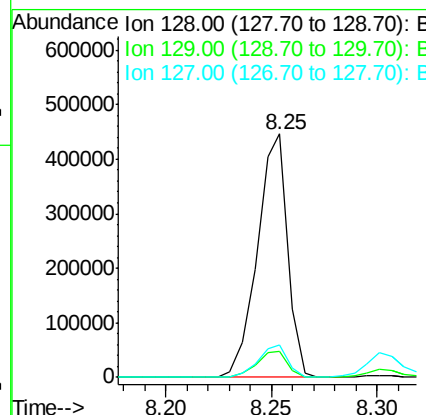
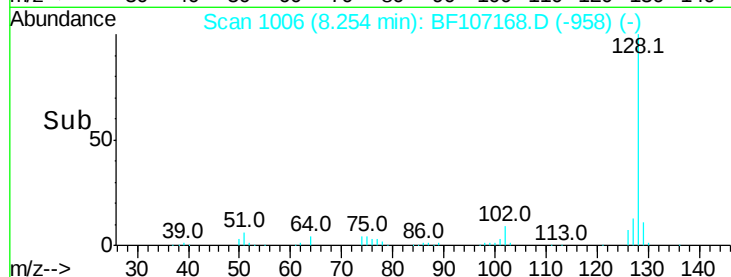
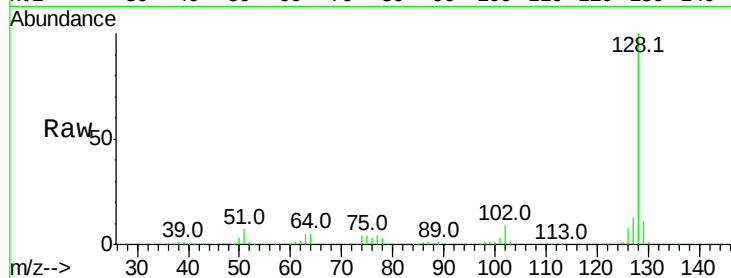
ClientSampleId :

PB110856BS

Tot Ion:	128	Resp:	444719
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.3	10.9	16.3

Manual Integrations
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#32

Benzoic acid

Concen: 37.889 ng

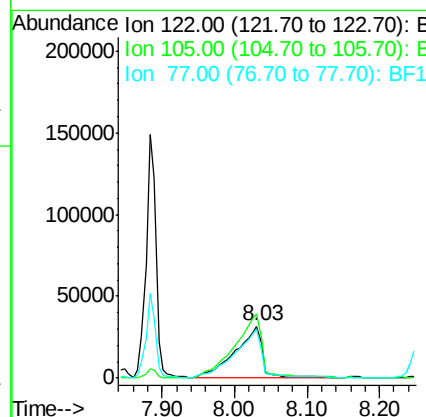
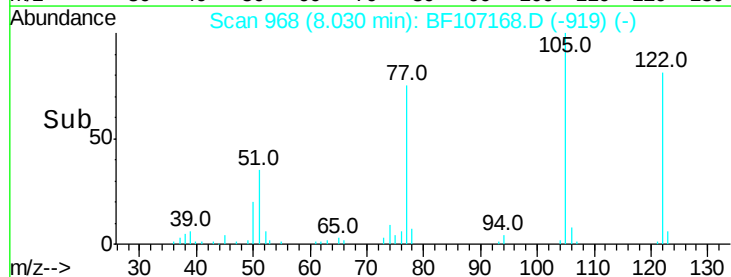
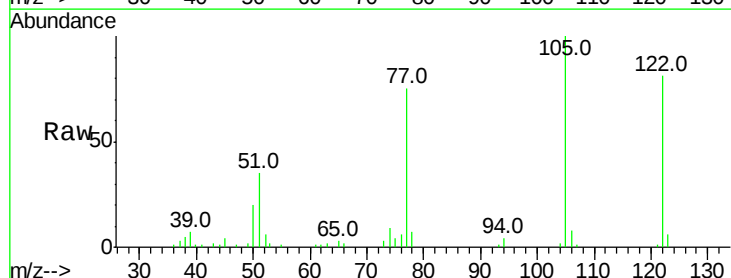
RT: 8.03 min Scan# 968

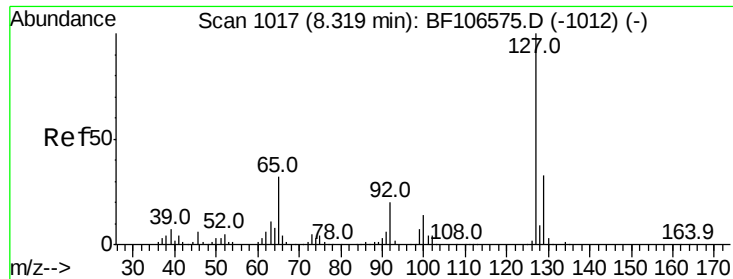
Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	122	Resp:	81197
Ion Ratio	Lower	Upper	
122	100		
105	123.9	101.1	141.1
77	93.4	70.7	110.7





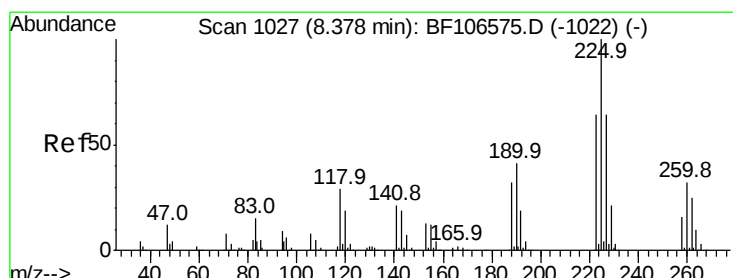
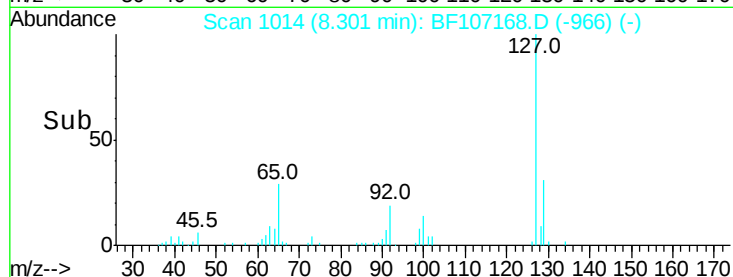
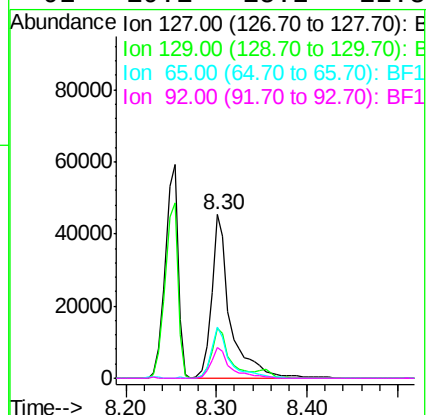
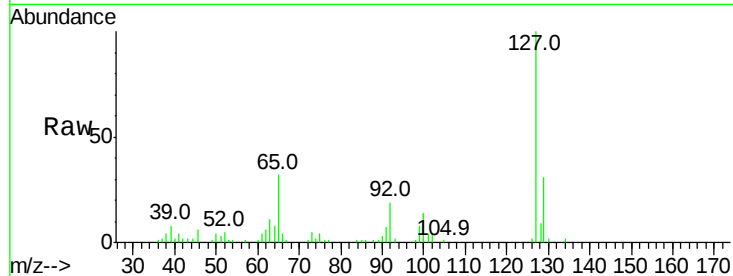
#33
4-Chloroaniline
Concen: 14.657 ng
RT: 8.30 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion:	127	Resp:	65566
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.9	38.9
65	31.6	25.0	37.4
92	19.1	15.2	22.8

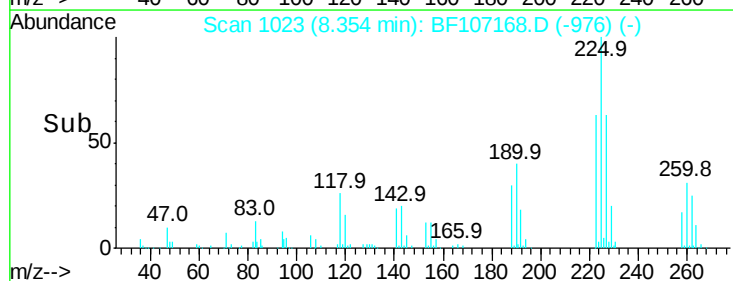
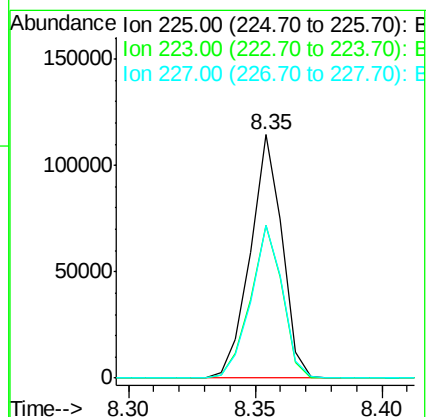
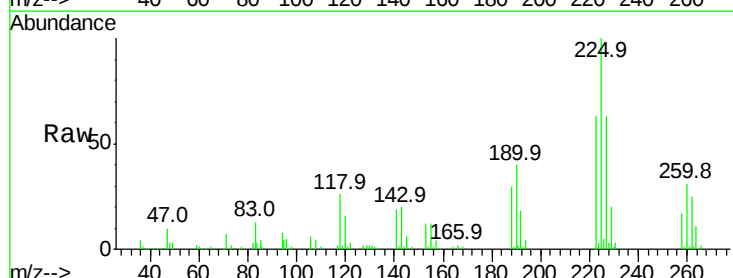
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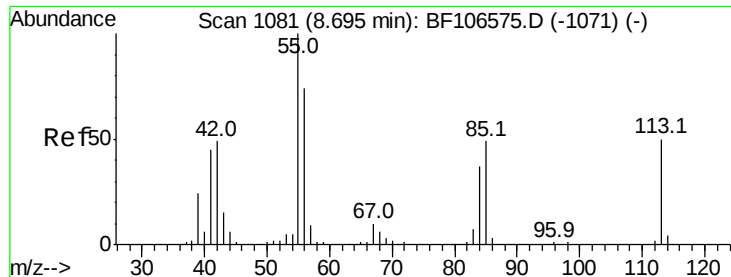
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#34
Hexachlorobutadiene
Concen: 43.331 ng
RT: 8.35 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion:	225	Resp:	99538
Ion Ratio	Lower	Upper	
225	100		
223	62.7	50.6	76.0
227	62.6	51.9	77.9





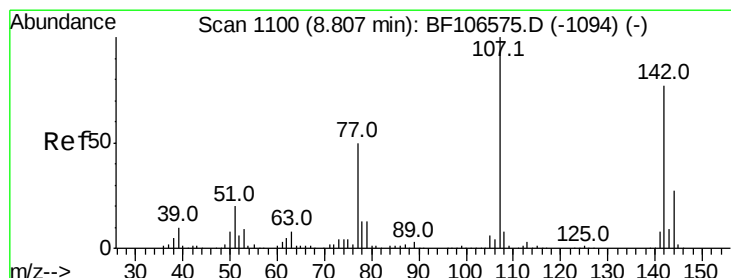
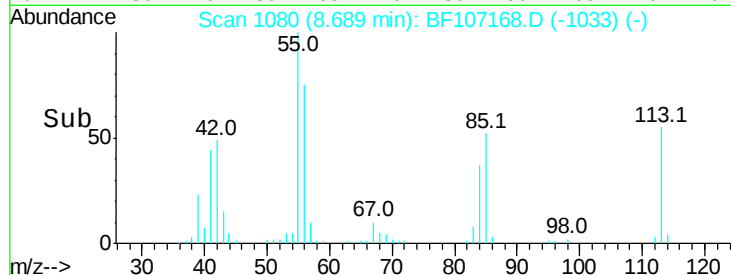
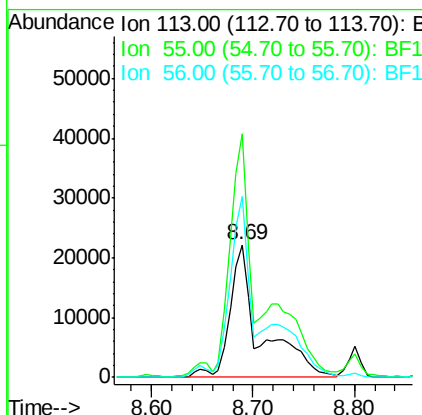
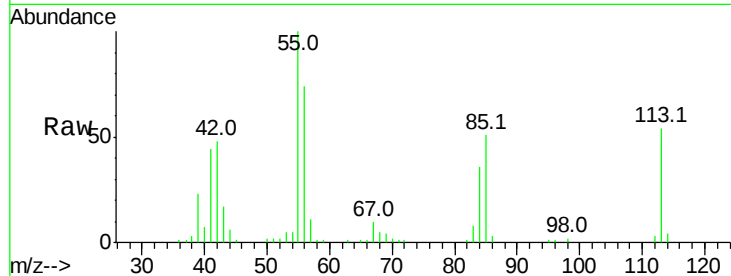
#35
 Caprolactam
 Concen: 44.500 ng/ml
 RT: 8.69 min Scan# 1080
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleID :
 PB110856BS

Tot Ion:113 Resp: 46422
 Ion Ratio Lower Upper
 113 100
 55 183.7 163.3 203.3
 56 136.1 115.7 155.7

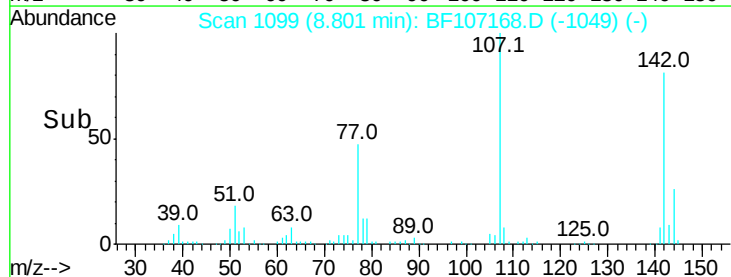
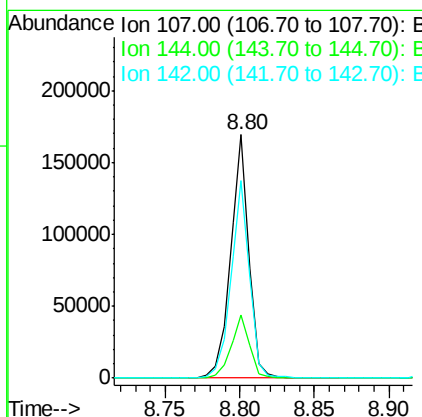
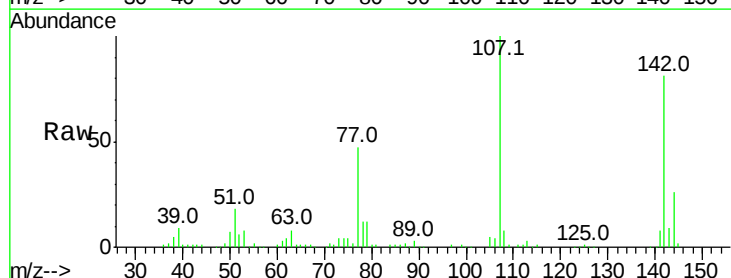
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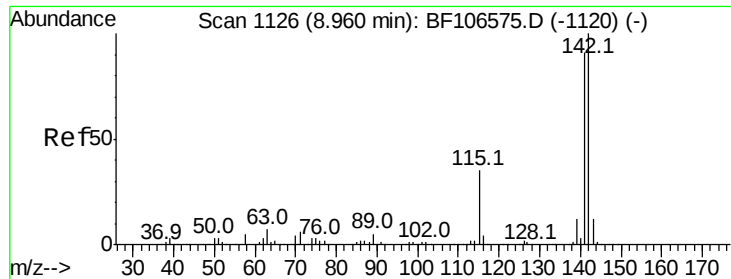
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#36
 4-Chloro-3-methylphenol
 Concen: 43.590 ng/ml
 RT: 8.80 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion:107 Resp: 146831
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.5 30.7
 142 81.1 62.0 93.0





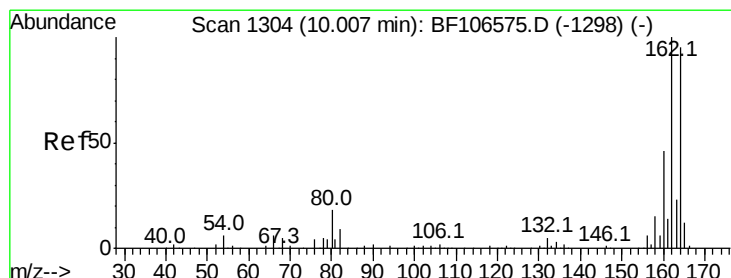
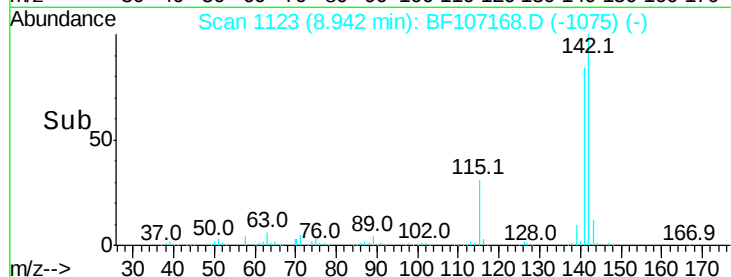
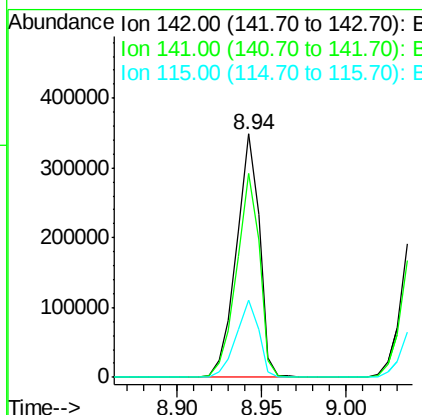
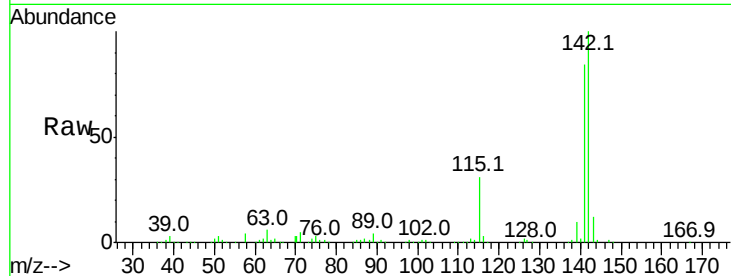
#37
2-Methylnaphthalene
Concen: 46.795 ng
RT: 8.94 min Scan# 1123
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	330685		
141	83.5	70.8	106.2	
115	31.5	26.1	39.1	

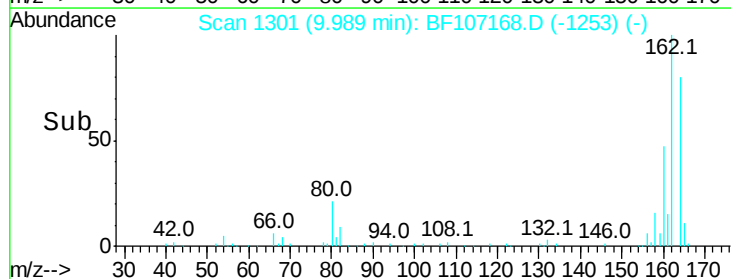
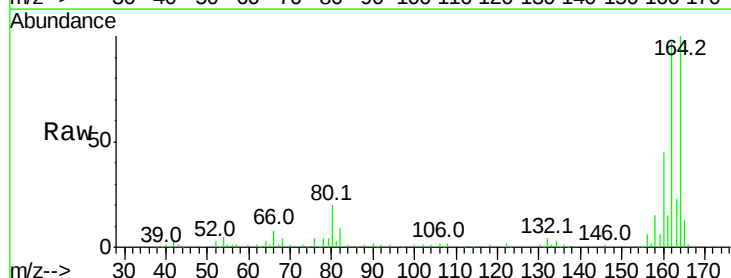
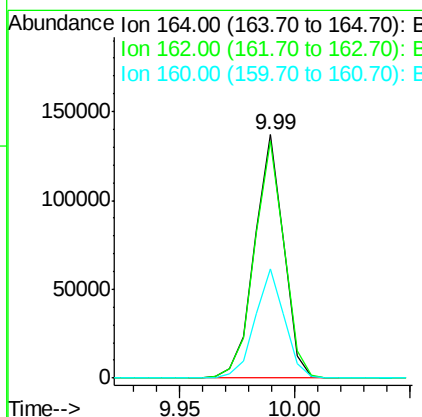
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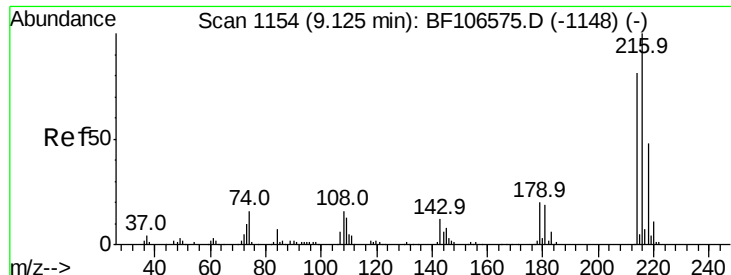
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7/6/2018 3:30:57 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	120562		
162	97.4	86.1	129.1	
160	44.8	38.3	57.5	





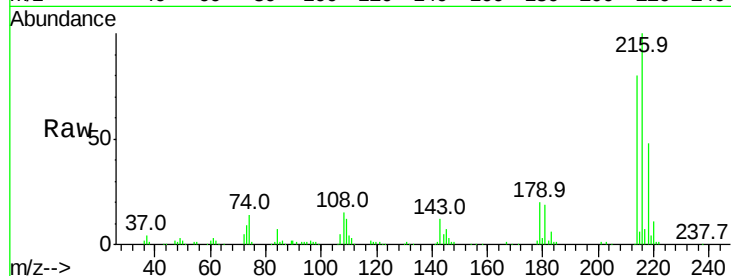
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.736 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

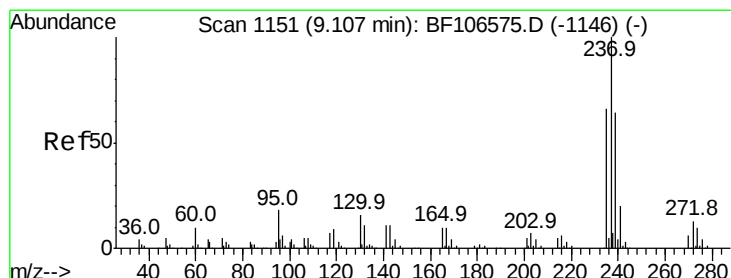
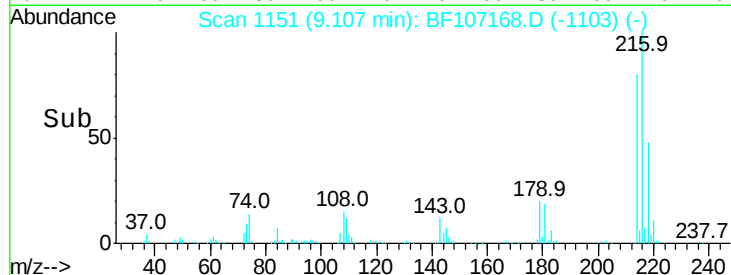
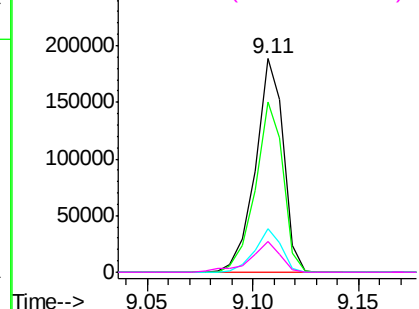
Tot Ion	Ratio	Resp	Lower	Upper
216	100	173516		
214	79.3	63.0	94.4	
179	19.4	18.1	27.1	
108	15.4	17.2	25.8	

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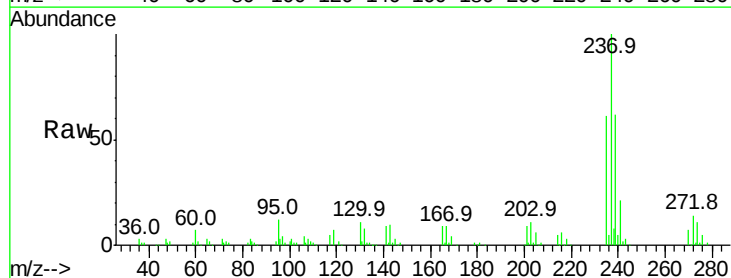


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

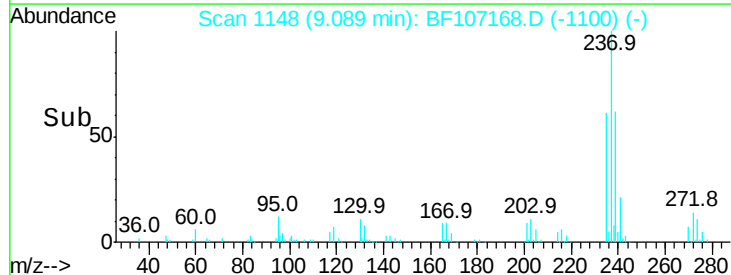
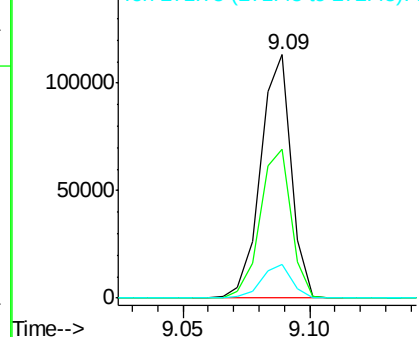


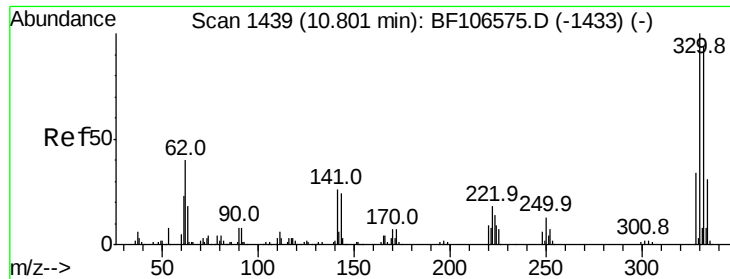
#40
 Hexachlorocyclopentadiene
 Concen: 45.523 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	95095		
235	61.1	44.8	84.8	
272	14.0	0.0	33.3	



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





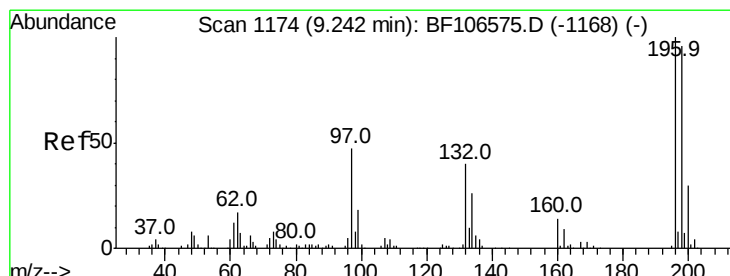
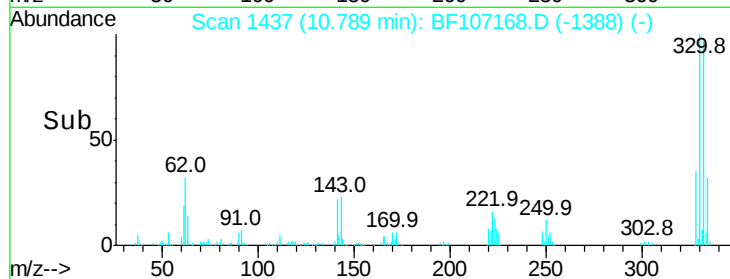
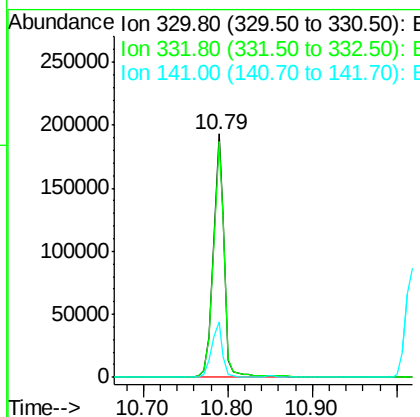
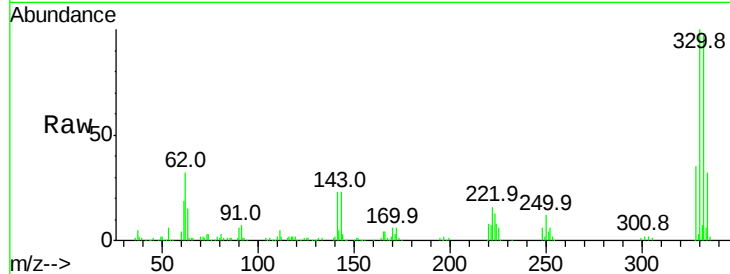
#41
 2,4,6-Tribromophenol
 Concen: 129.986 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	22.5	29.9	44.9	

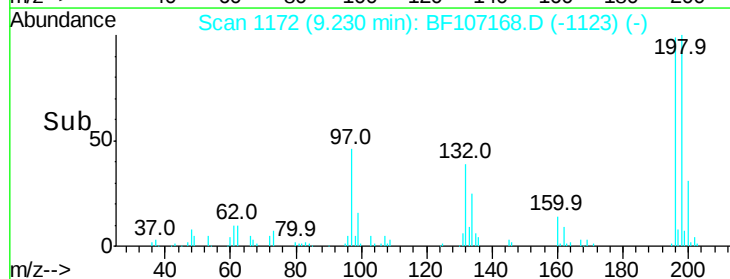
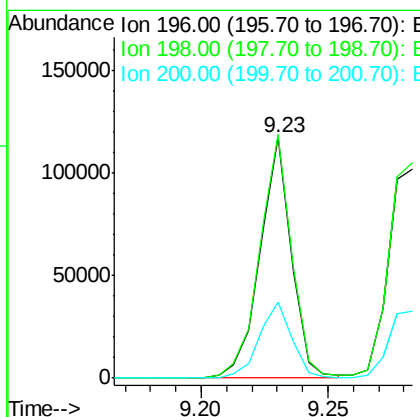
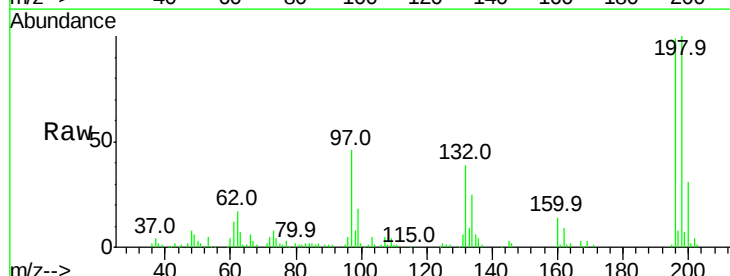
Manual Integrations
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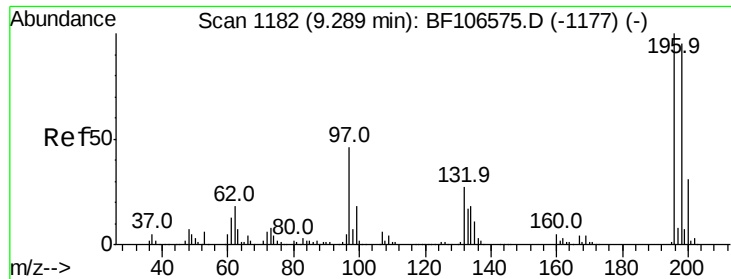
Sohil
 7/6/2018 3:30:57 PM



#42
 2,4,6-Trichlorophenol
 Concen: 37.625 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.1	75.7	113.5	
200	31.7	24.5	36.7	





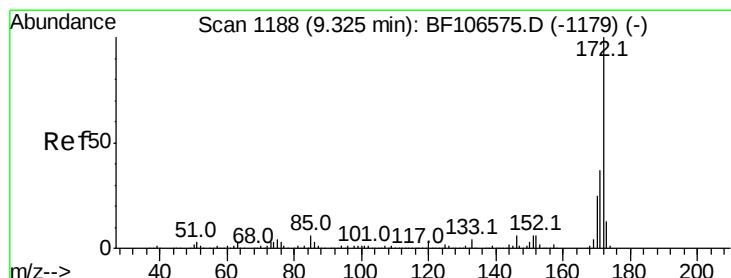
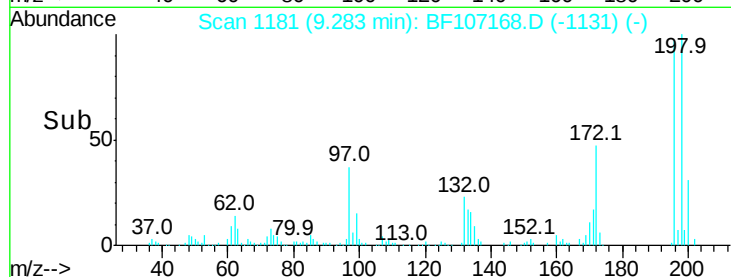
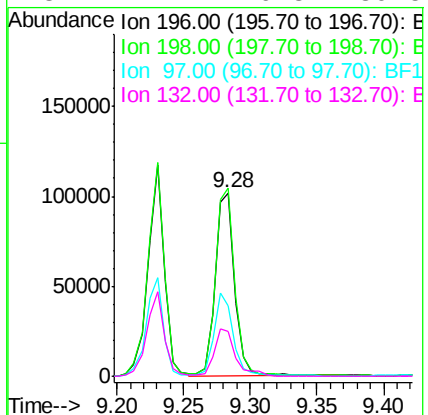
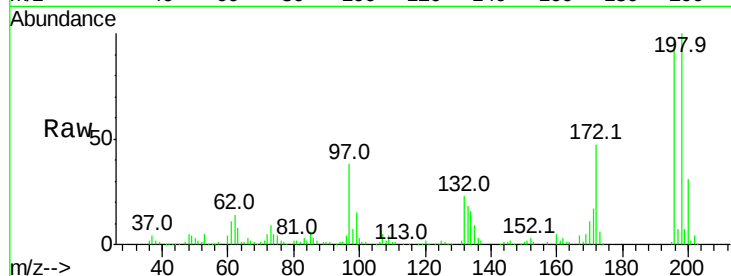
#43
 2,4,5-Trichlorophenol
 Concen: 37.197 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion:	196	Resp:	104753
Ion Ratio	Lower	Upper	
196	100		
198	103.0	74.6	112.0
97	38.7	42.9	64.3#
132	24.2	26.3	39.5#

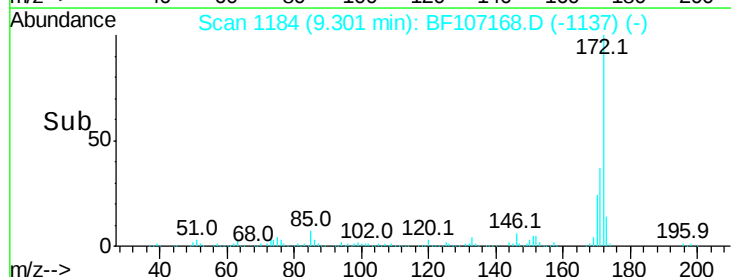
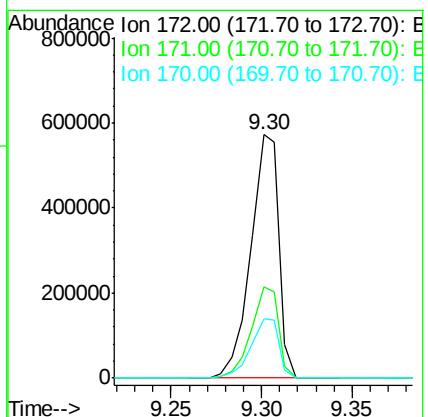
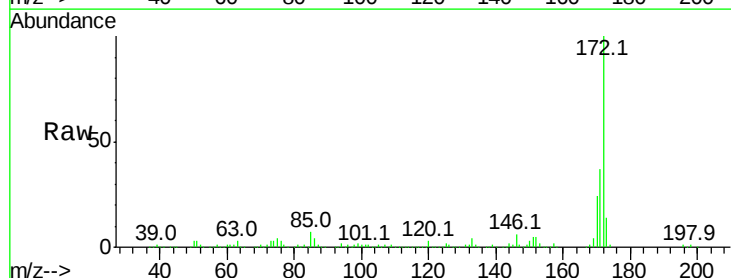
Manual Integrations
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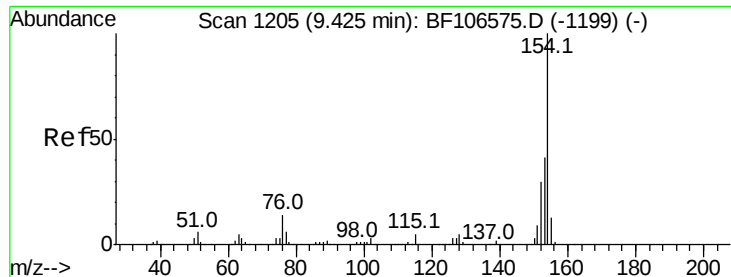
Sohil
 7/6/2018 3:30:57 PM



#44
 2-Fluorobiphenyl
 Concen: 86.487 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion:	172	Resp:	614188
Ion Ratio	Lower	Upper	
172	100		
171	37.3	29.7	44.5
170	24.2	19.6	29.4





#45

1,1'-Biphenyl

Concen: 41.506 ng

RT: 9.41 min Scan# 1202

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

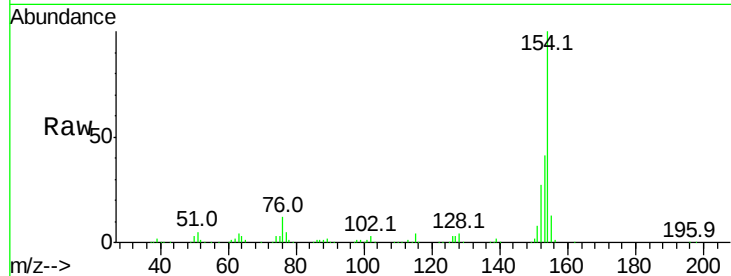
ClientSampleId :

PB110856BS

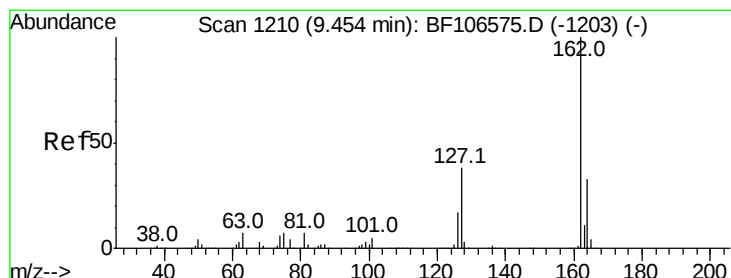
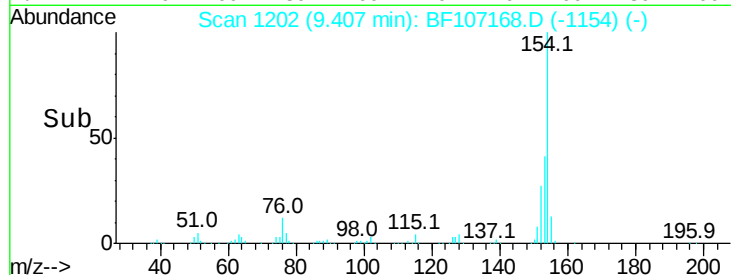
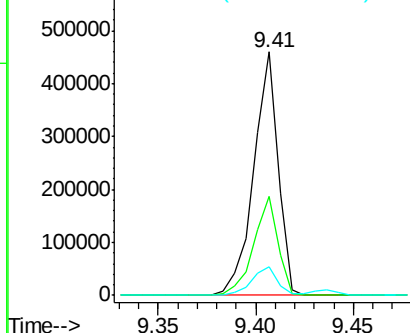
Tot Ion:	154	Resp:	398796
Ion Ratio	Lower	Upper	
154	100		
153	40.7	21.3	61.3
76	11.5	0.0	34.0

Manual Integrations
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7/6/2018 3:30:57 PM



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: 38.874 ng

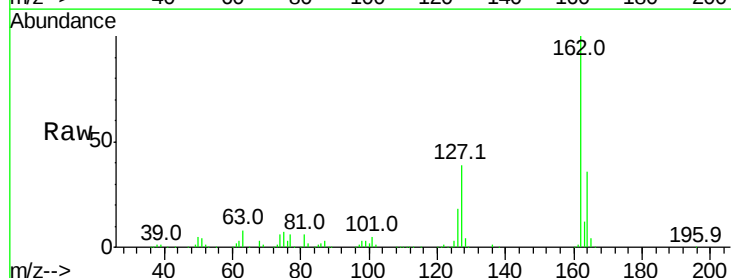
RT: 9.44 min Scan# 1207

Delta R.T. -0.02 min

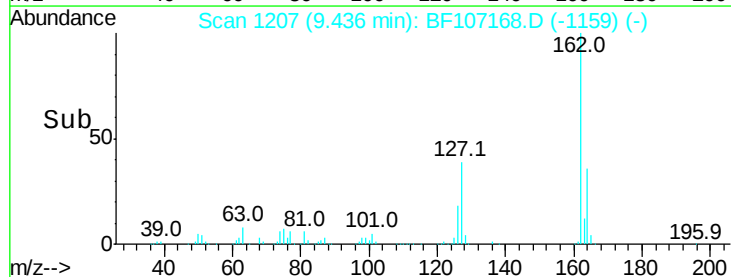
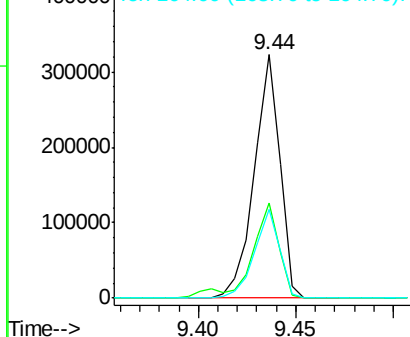
Lab File: BF107168.D

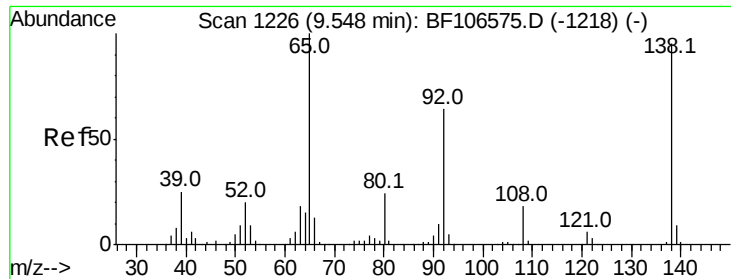
Acq: 6 Jul 2018 13:07

Tgt Ion:	162	Resp:	294003
Ion Ratio	Lower	Upper	
162	100		
127	38.9	33.9	50.9
164	36.2	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





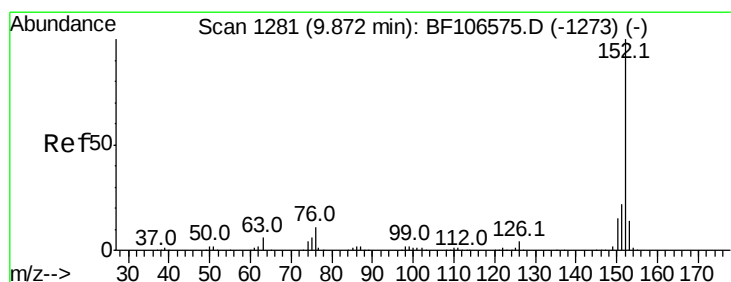
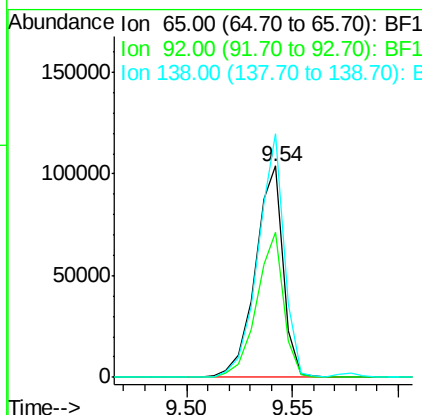
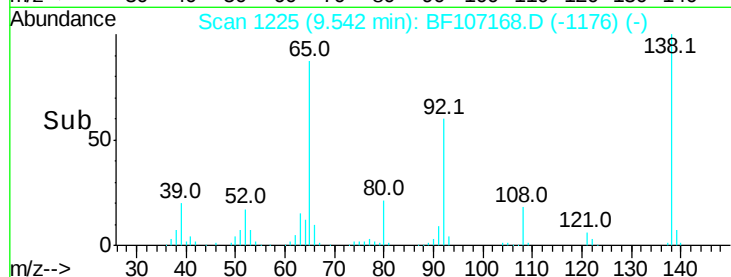
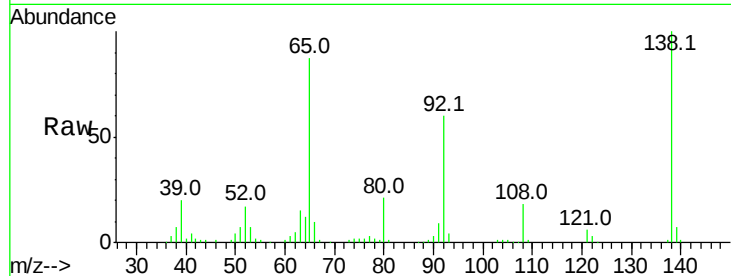
#47
2-Nitroaniline
Concen: 37.378 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.9	55.8	83.6
138	115.3	91.2	136.8

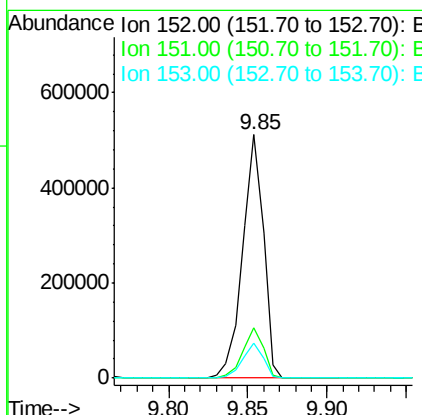
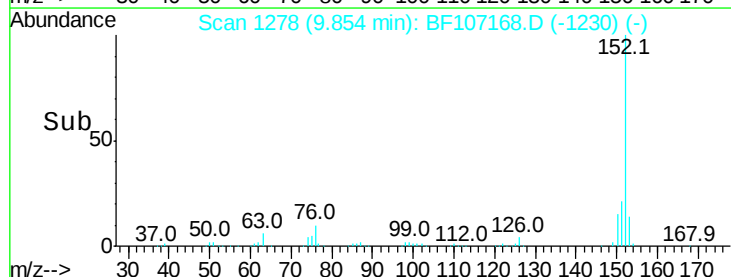
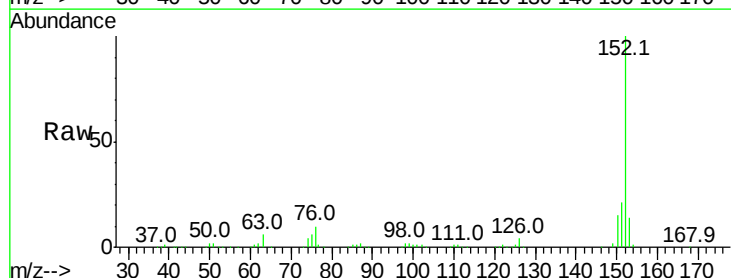
Manual Integrations
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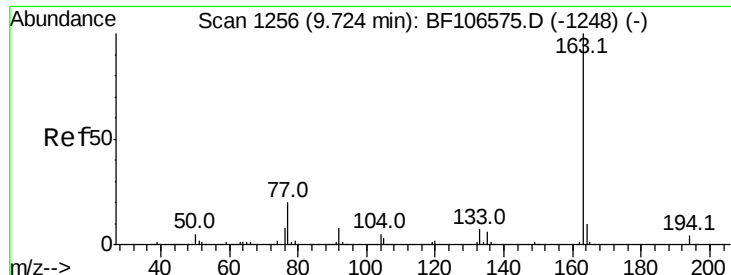
Sohil
7/6/2018 3:30:57 PM



#48
Acenaphthylene
Concen: 38.993 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.3	24.5
153	14.4	10.7	16.1





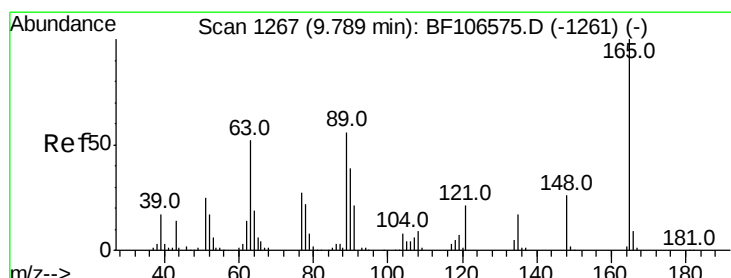
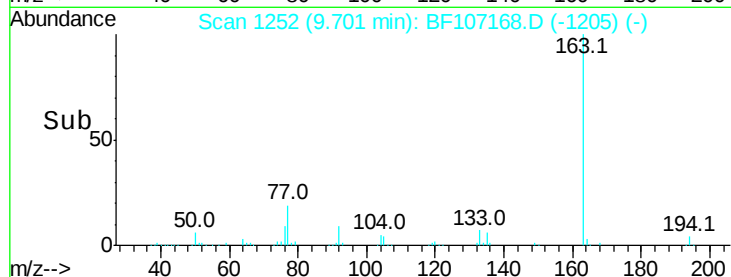
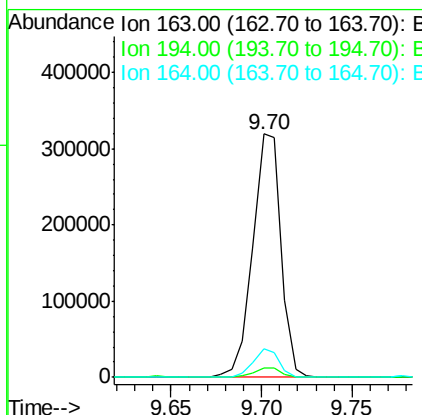
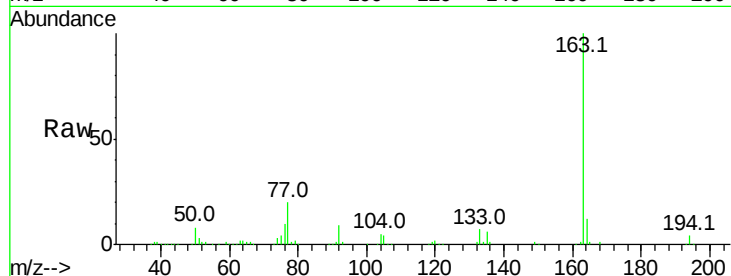
#49
Dimethylphthalate
Concen: 38.340 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.9	2.7	4.1	
164	11.6	8.2	12.2	

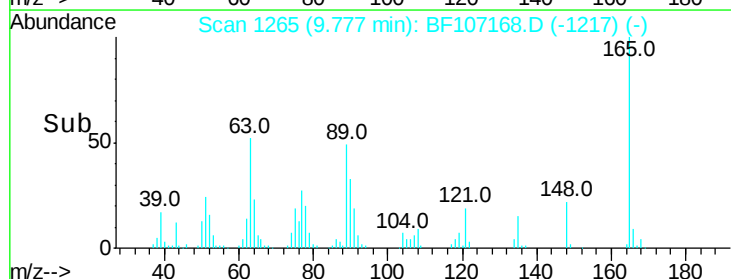
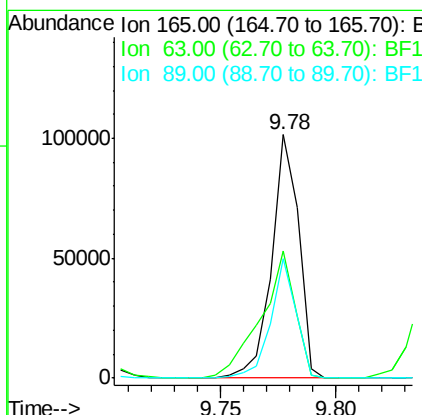
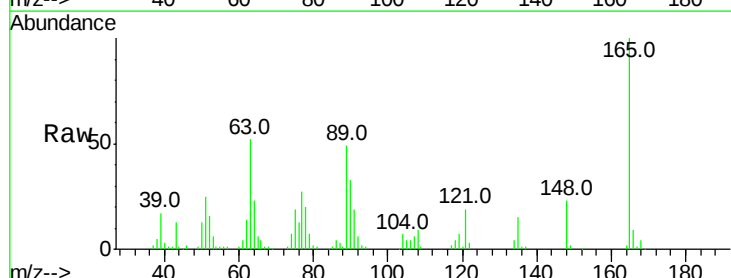
Manual Integrations
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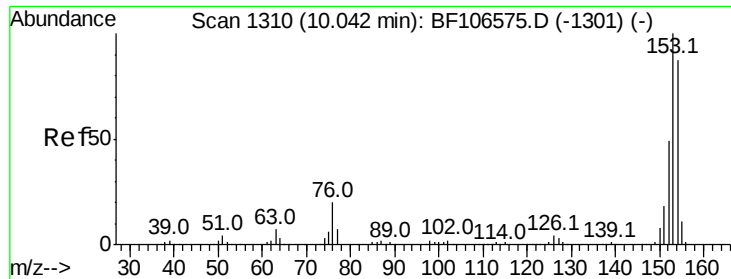
Sohil
7/6/2018 3:30:57 PM



#50
2,6-Dinitrotoluene
Concen: 42.892 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	52.0	44.7	67.1	
89	49.3	44.0	66.0	





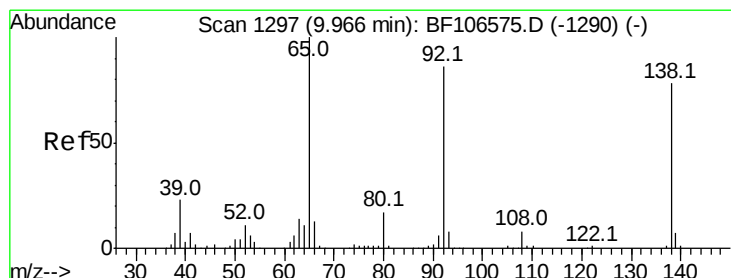
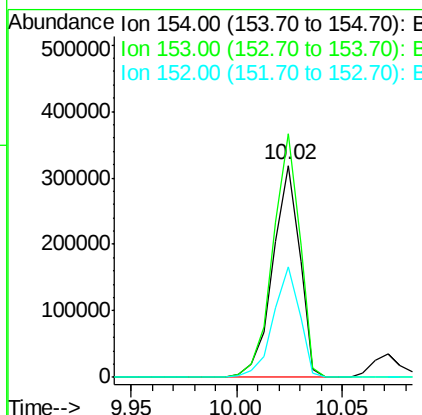
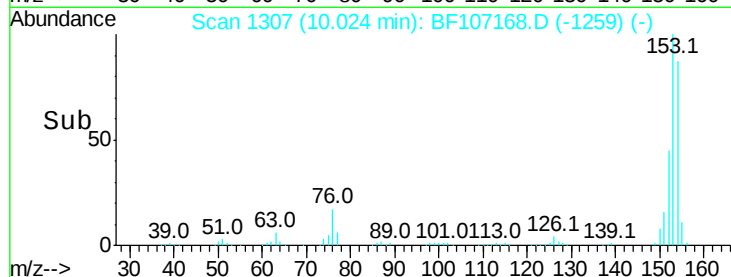
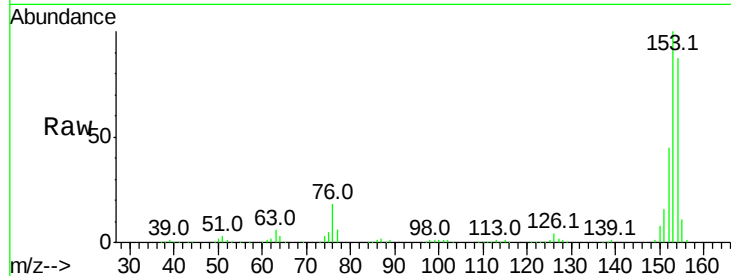
#51
Acenaphthene
Concen: 37.709 ng
RT: 10.02 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.2	136.8
152	51.9	43.8	65.8

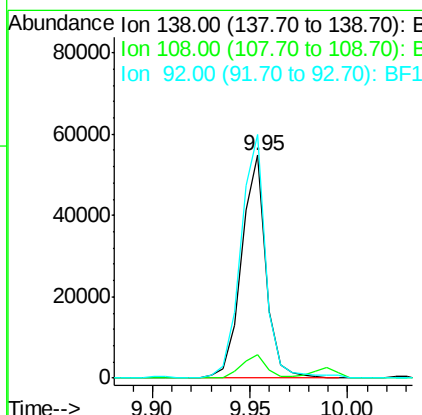
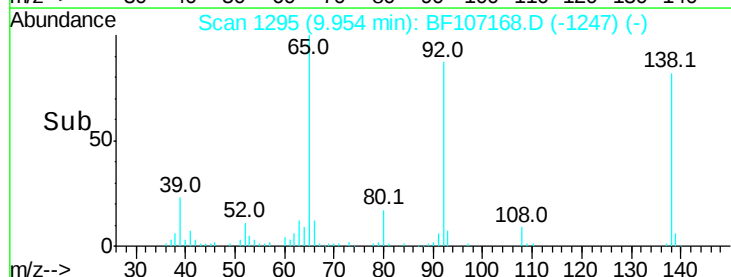
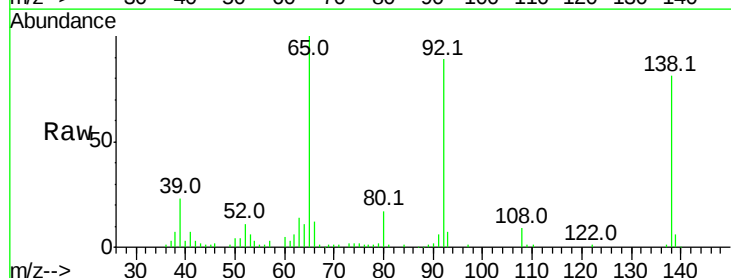
Manual Integrations
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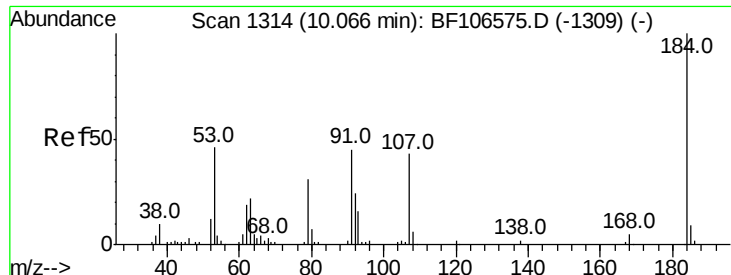
Sohil
7/6/2018 3:30:57 PM



#52
3-Nitroaniline
Concen: 21.566 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.4	14.0
92	109.3	89.4	134.2





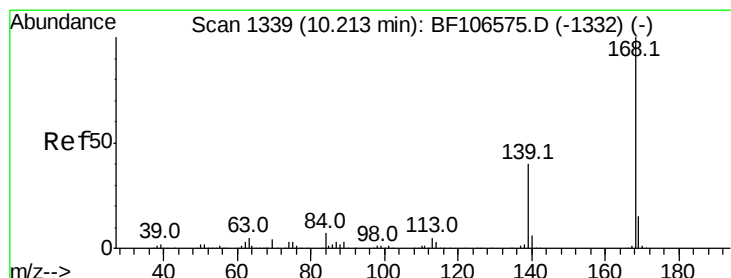
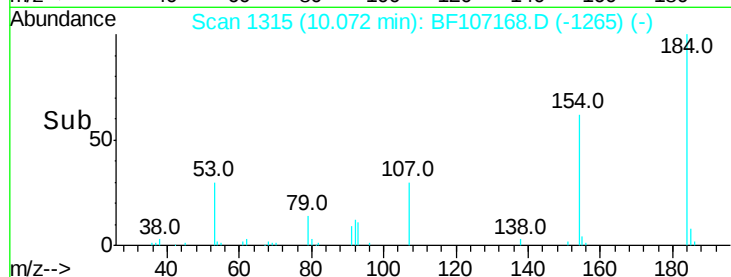
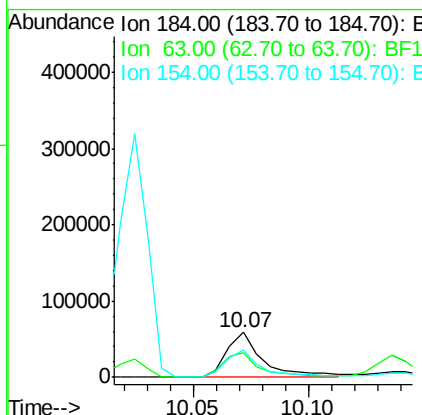
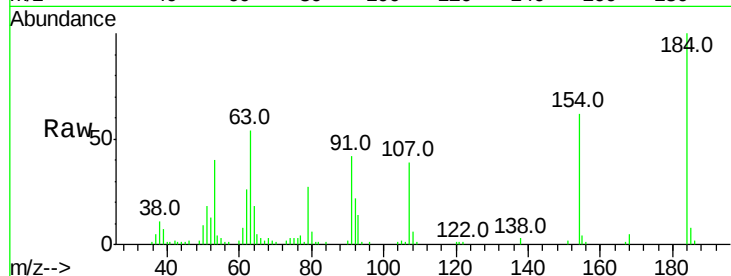
#53
2,4-Dinitrophenol
Concen: 65.728 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
184	100		
63	54.2	54.2	81.2
154	61.8	184.0	276.0#

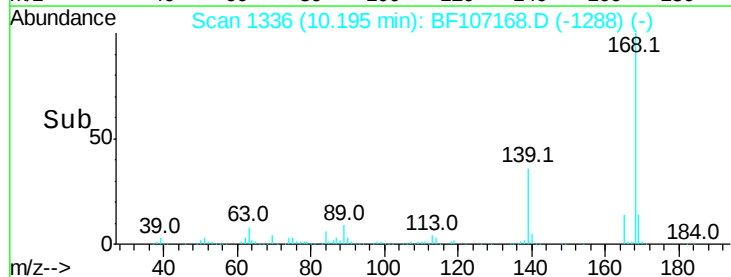
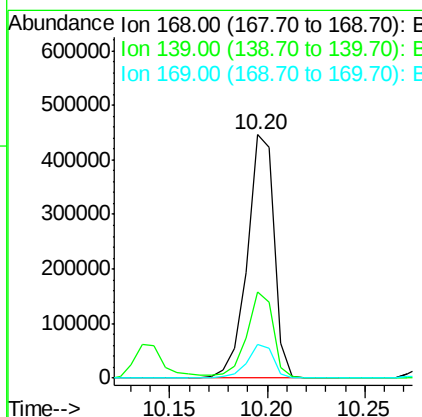
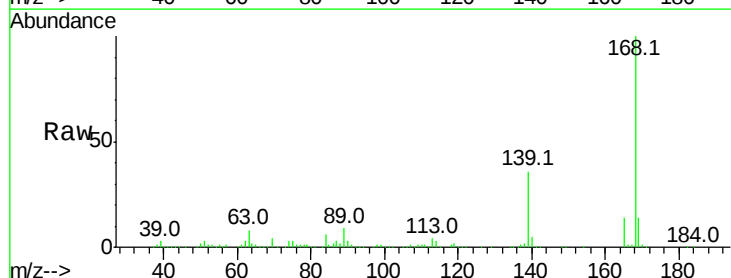
Manual Integrations
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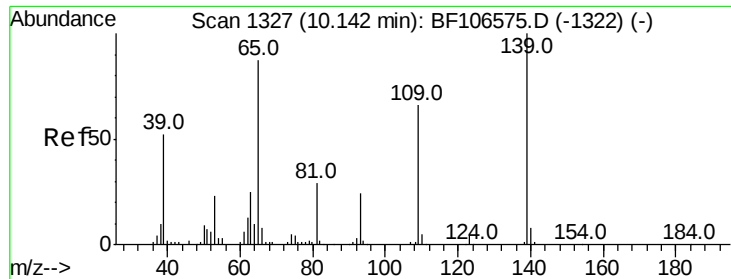
Sohil
7/6/2018 3:30:57 PM



#54
Dibenzofuran
Concen: 41.184 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
168	100		
139	35.5	30.1	45.1
169	13.6	10.9	16.3





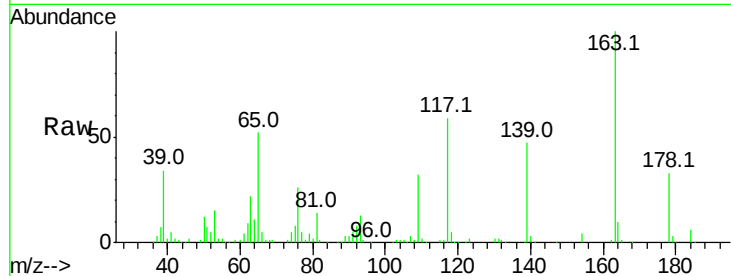
#55
4-Nitrophenol
Concen: 44.187 ng
RT: 10.14 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	68.3	48.4	88.4
65	109.1	72.6	112.6

Manual Integrations
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7/6/2018 3:30:57 PM

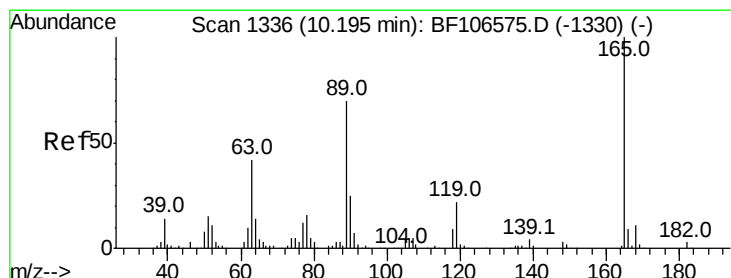
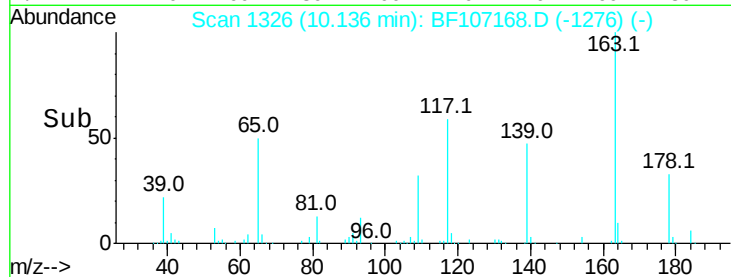
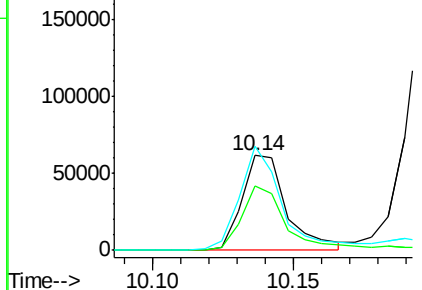


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56
2,4-Dinitrotoluene
Concen: 42.637 ng
RT: 10.19 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.8	36.4	54.6
89	63.3	57.8	86.6
182	2.3	1.6	2.4

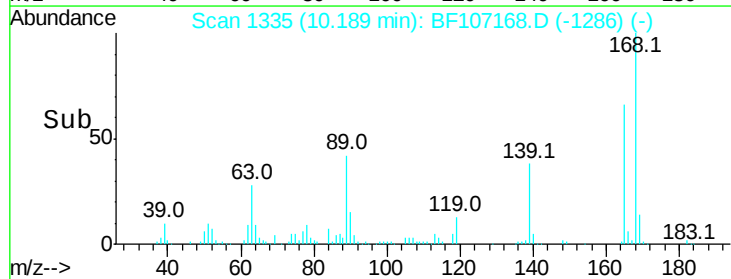
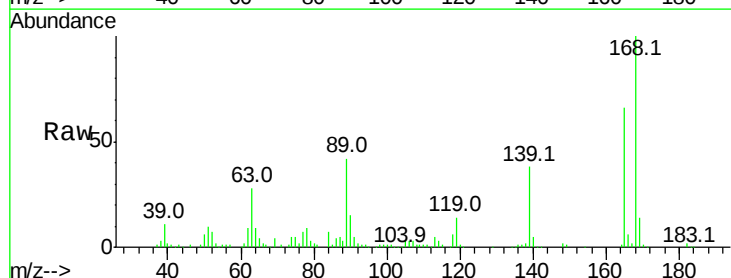
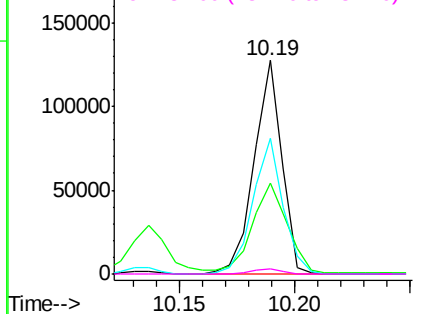
Abundance

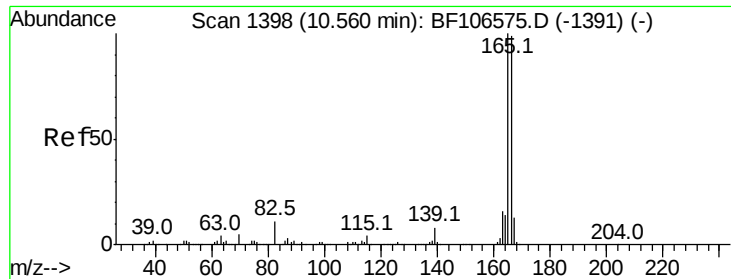
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





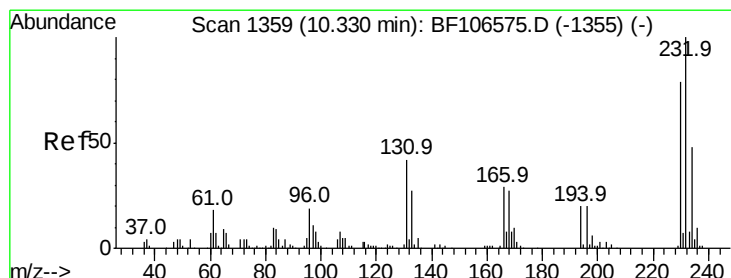
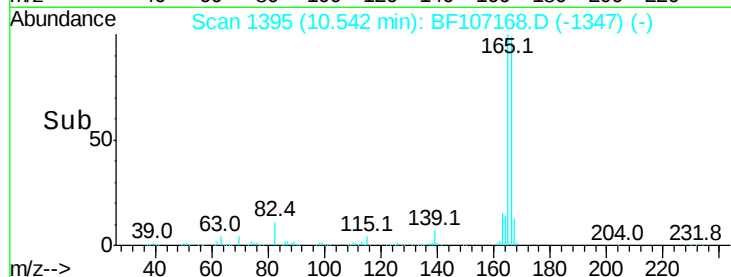
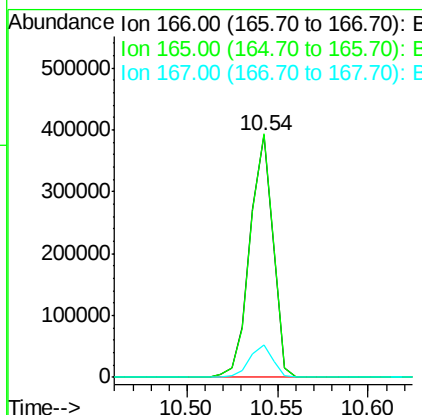
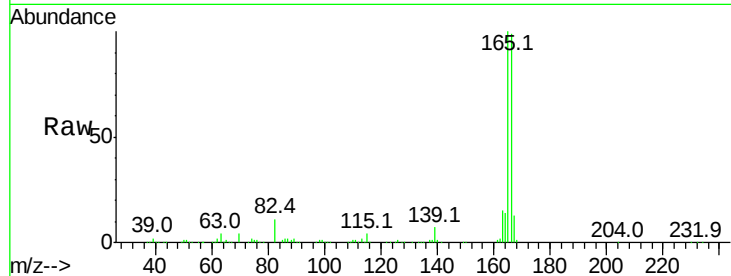
#57
 Fluorene
 Concen: 42.571 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.8	119.8
167	13.5	10.6	16.0

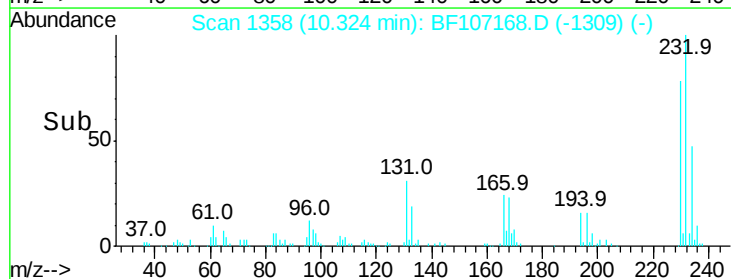
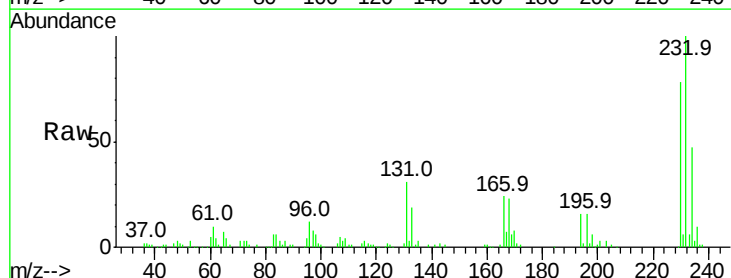
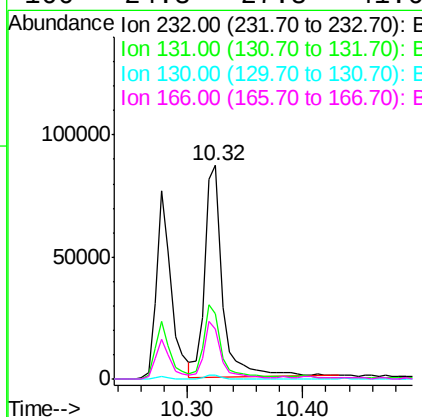
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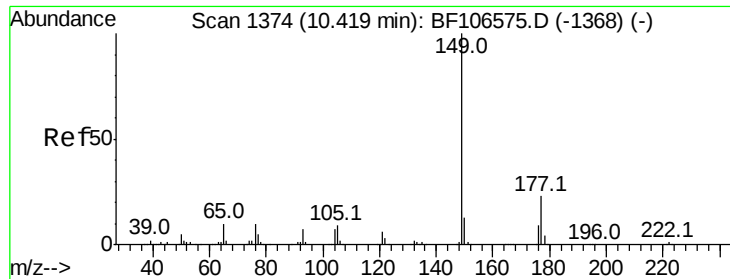
Sohil
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.367 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	34.9	43.8	65.8#
130	1.5	2.1	3.1#
166	24.3	27.8	41.6#





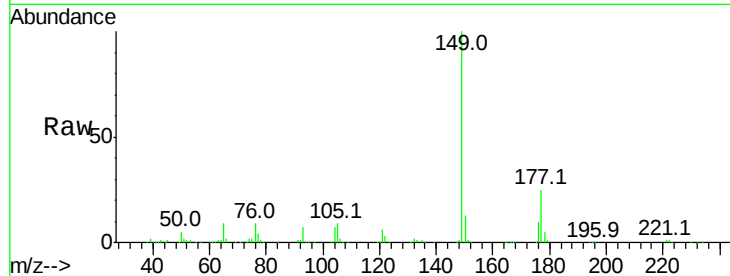
#59
Diethylphthalate
Concen: 38.096 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
177	24.8	16.1	24.1#	
150	12.7	10.1	15.1	

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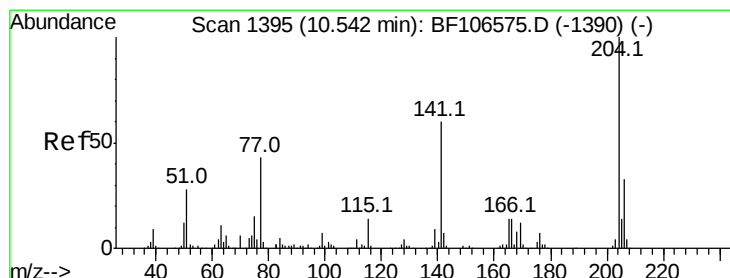
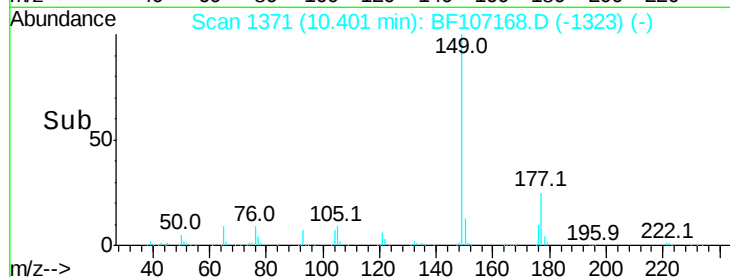
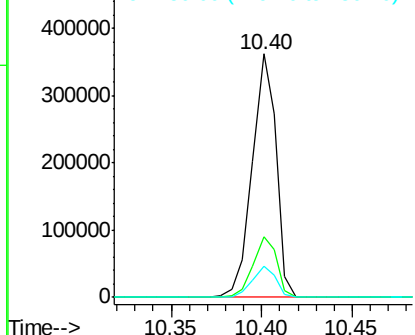


Abundance

Ion 149.00 (148.70 to 149.70): E

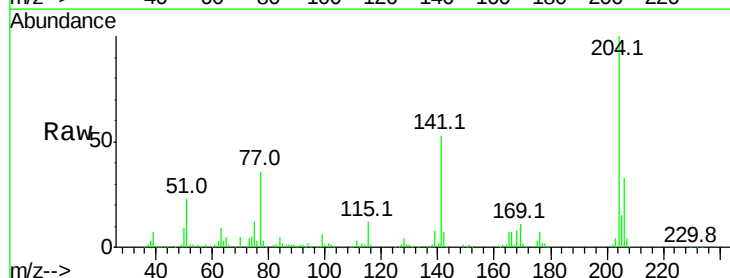
Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60
4-Chlorophenyl-phenylether
Concen: 41.983 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
204	100			
206	32.6	26.5	39.7	
141	53.2	54.6	81.8#	

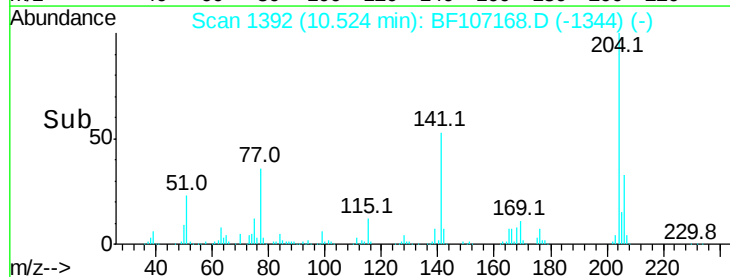
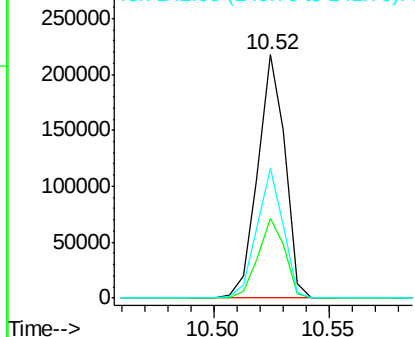


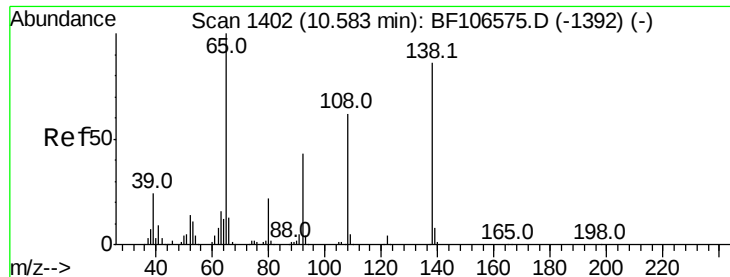
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





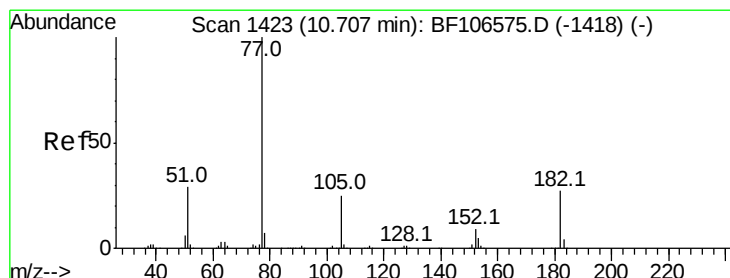
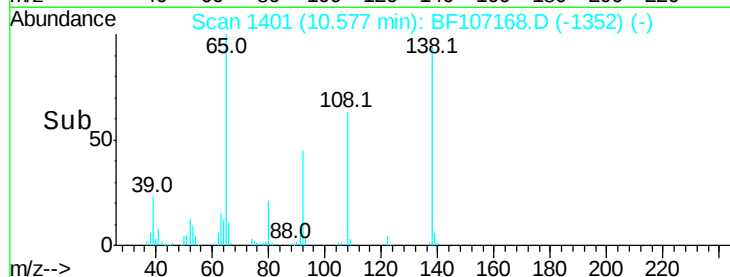
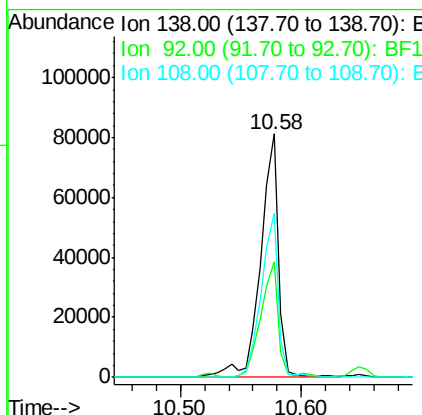
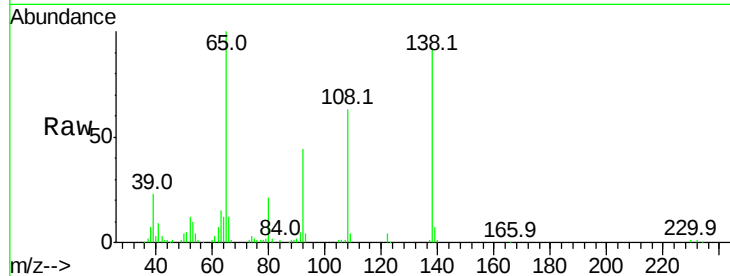
#61
4-Nitroaniline
Concen: 38.721 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampled :
PB110856BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	47.5	30.2	70.2
108	67.7	52.5	92.5

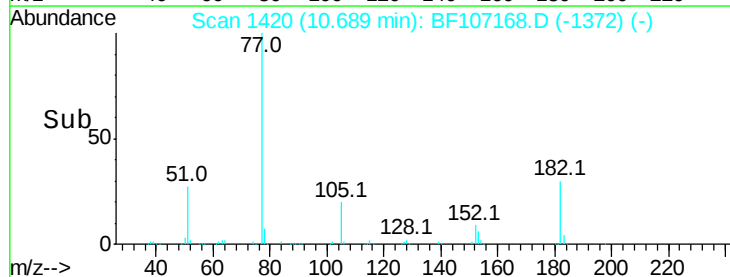
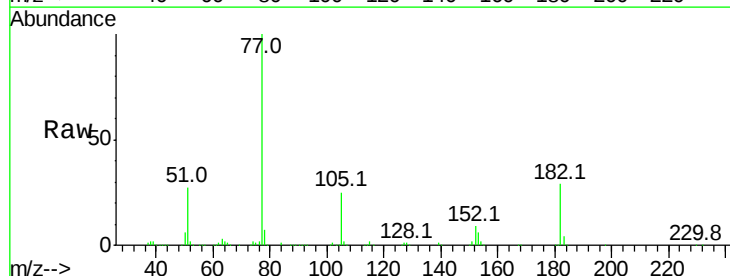
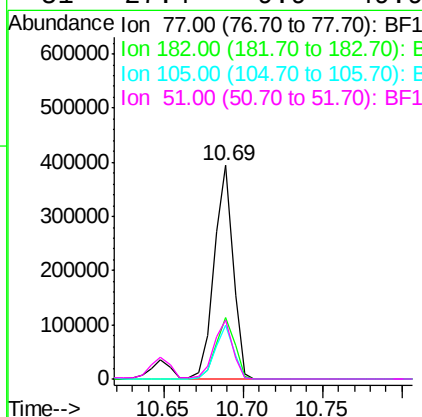
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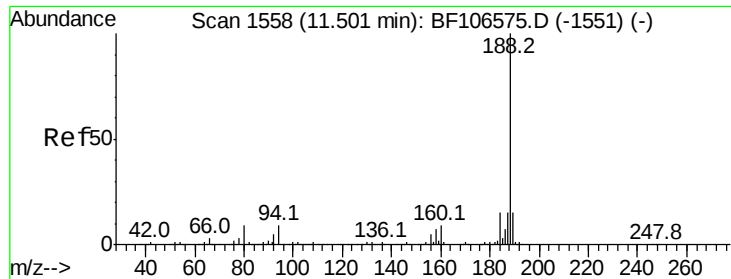
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#62
Azobenzene
Concen: 38.062 ng
RT: 10.69 min Scan# 1420
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
77	100		
182	29.0	1.7	41.7
105	25.0	3.0	43.0
51	27.4	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.48 min Scan# 1555

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

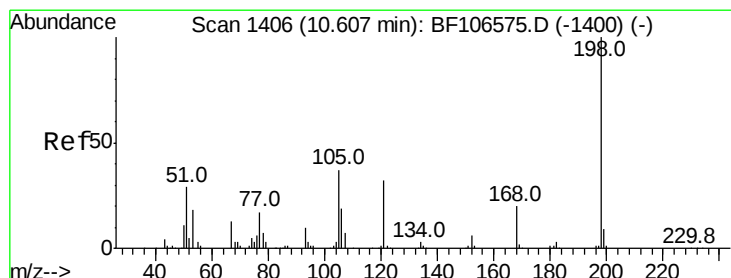
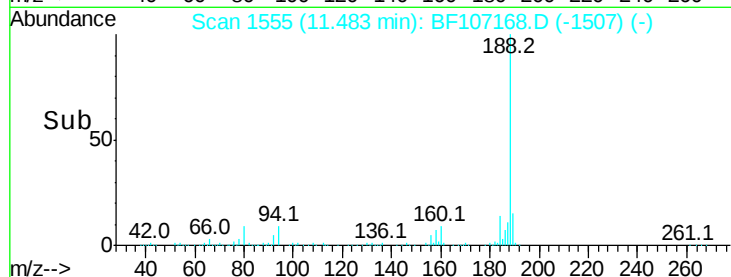
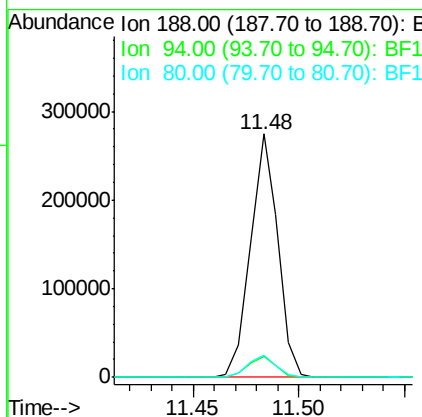
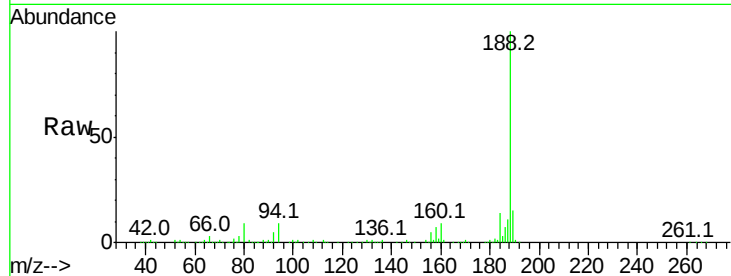
ClientSampleId :

PB110856BS

Tot Ion:	188	Resp:	247234
Ion Ratio	Lower	Upper	
188	100		
94	8.6	8.5	12.7
80	9.2	9.2	13.8#

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#64

4,6-Dinitro-2-methylphenol

Concen: 38.504 ng

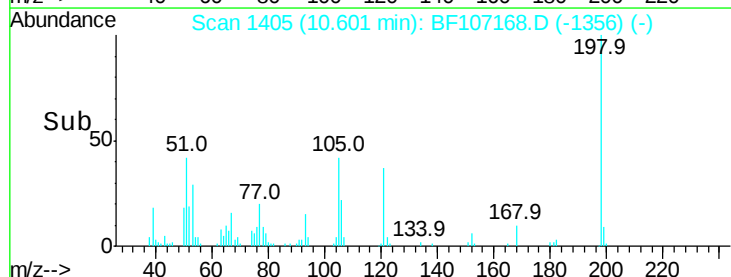
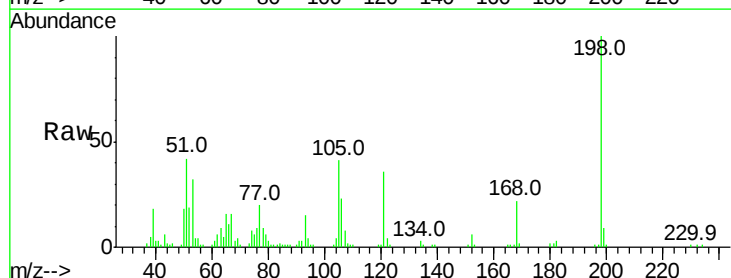
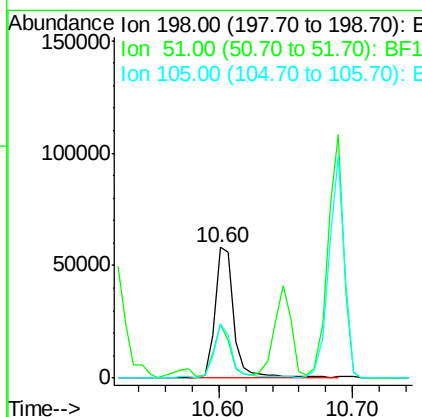
RT: 10.60 min Scan# 1405

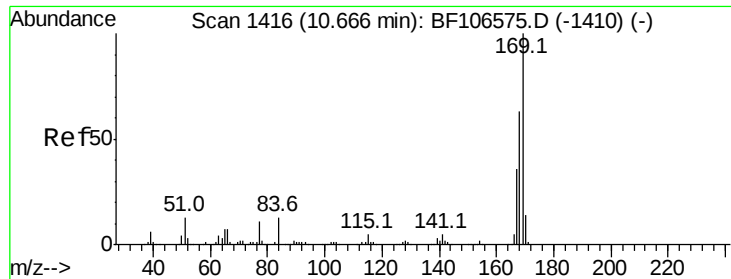
Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	198	Resp:	58844
Ion Ratio	Lower	Upper	
198	100		
51	41.8	37.7	77.7
105	41.3	36.3	76.3





#65

n-Nitrosodiphenylamine

Concen: 36.557 ng

RT: 10.65 min Scan# 1413

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB110856BS

Tot Ion:169 Resp: 304001

Ion Ratio Lower Upper

169 100

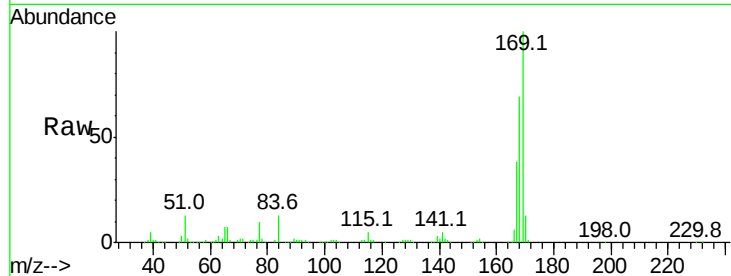
168 68.8 54.4 81.6

167 37.7 29.8 44.6

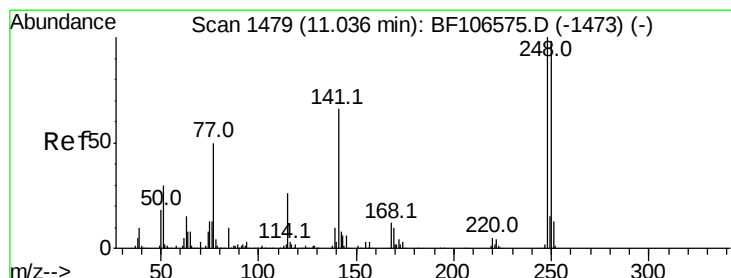
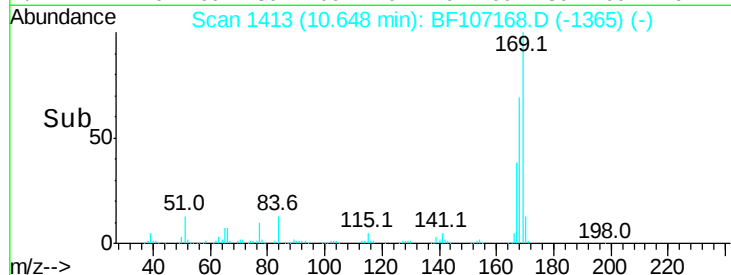
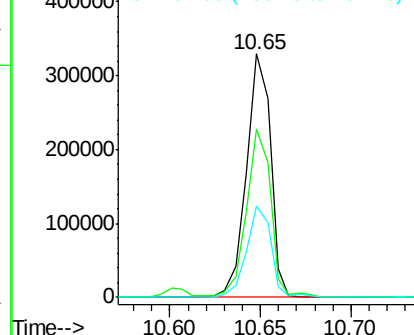
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Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 42.620 ng

RT: 11.02 min Scan# 1476

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

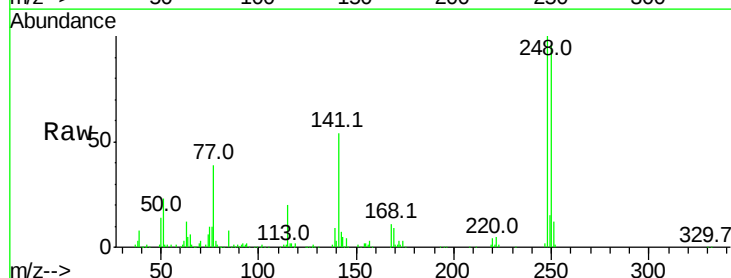
Tgt Ion:248 Resp: 125756

Ion Ratio Lower Upper

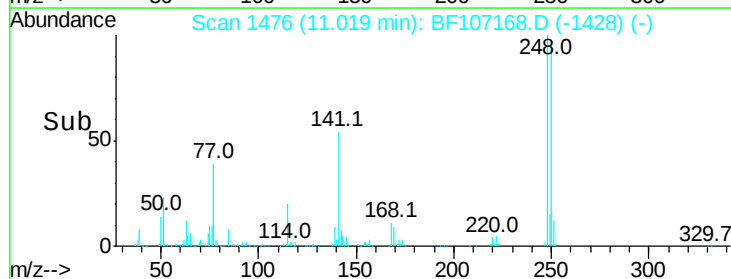
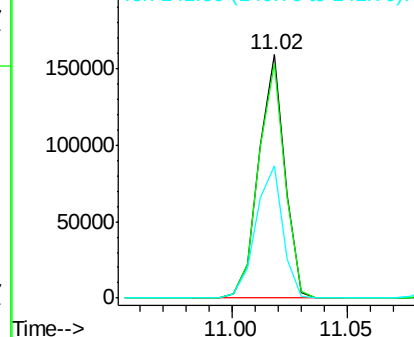
248 100

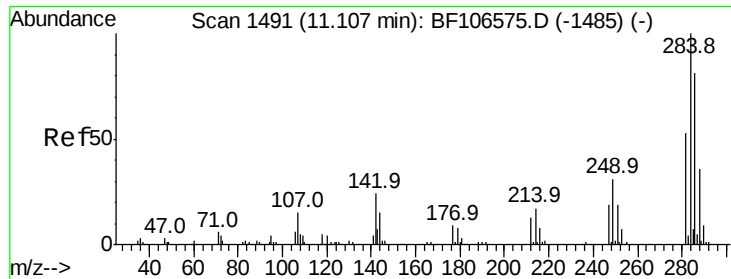
250 96.5 76.9 115.3

141 54.5 74.4 111.6#



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





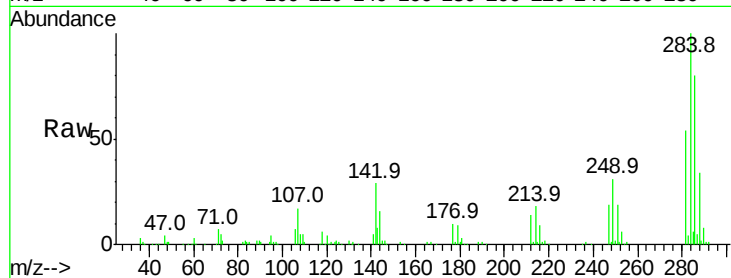
#67
Hexachlorobenzene
Concen: 43.508 ng
RT: 11.09 min Scan# 1488
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

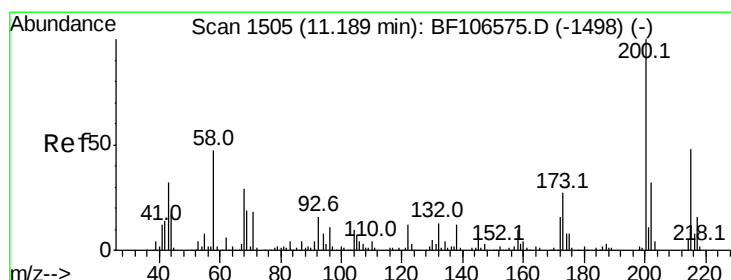
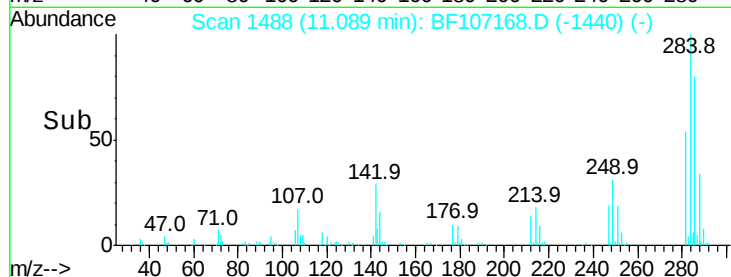
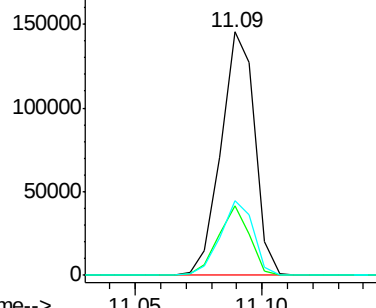
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	28.6	34.6	52.0	
249	30.5	24.8	37.2	

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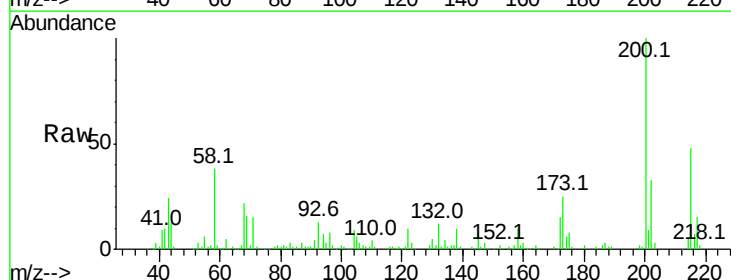


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

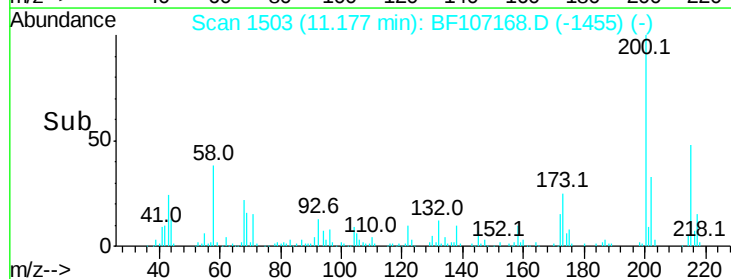
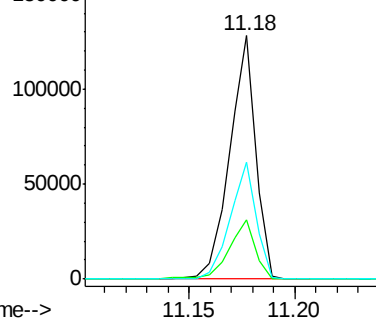


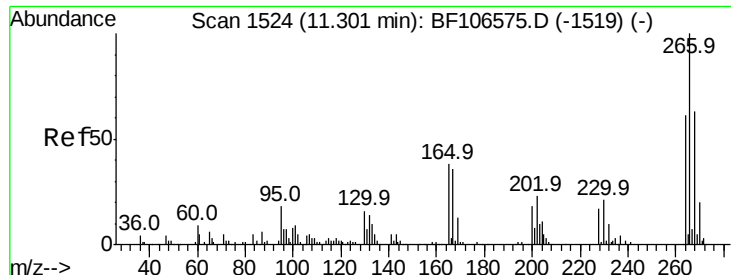
#68
Atrazine
Concen: 41.461 ng
RT: 11.18 min Scan# 1503
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	24.6	8.6	48.6	
215	48.2	25.1	65.1	



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





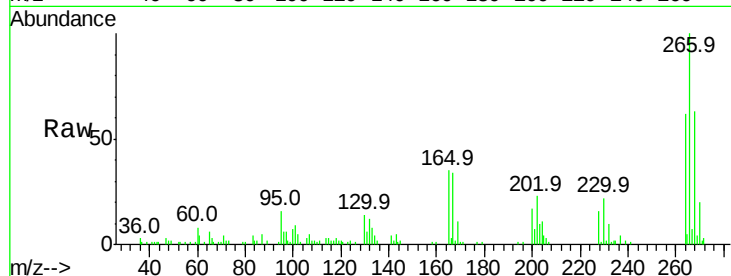
#69
 Pentachlorophenol
 Concen: 52.552 ng m
 RT: 11.29 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

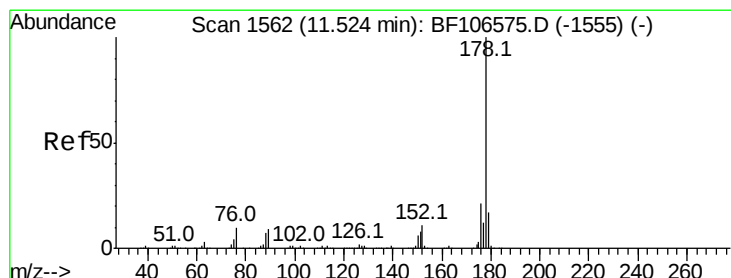
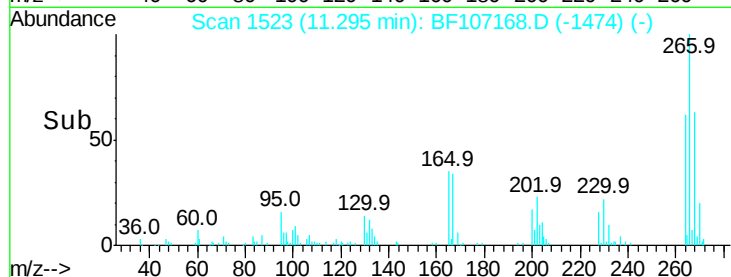
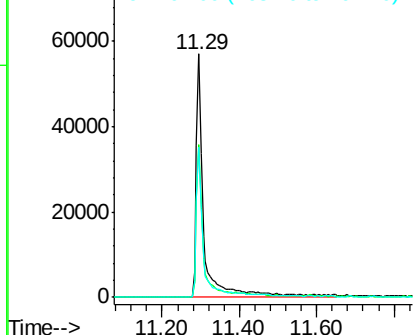
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.9	51.1	76.7
264	61.7	49.5	74.3

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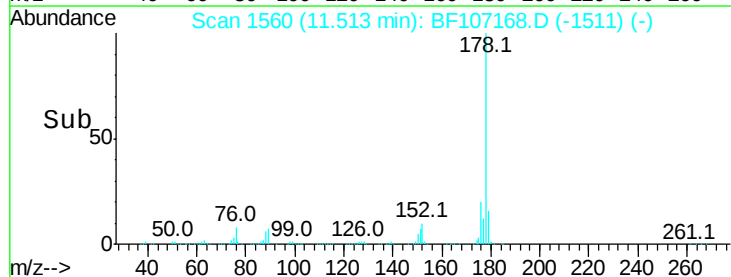
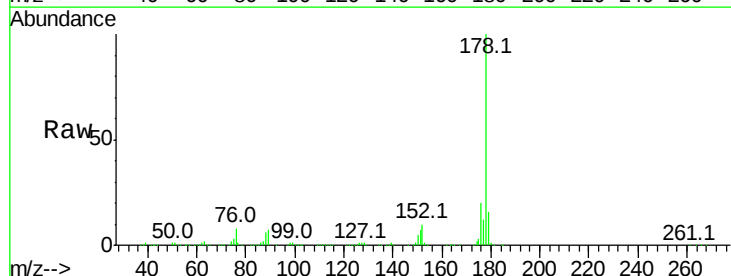
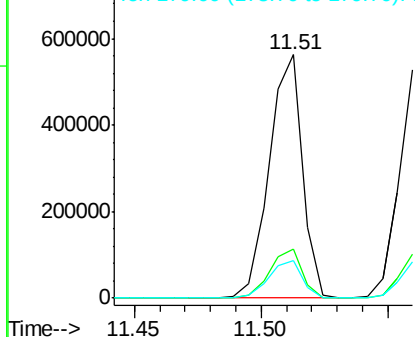
Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

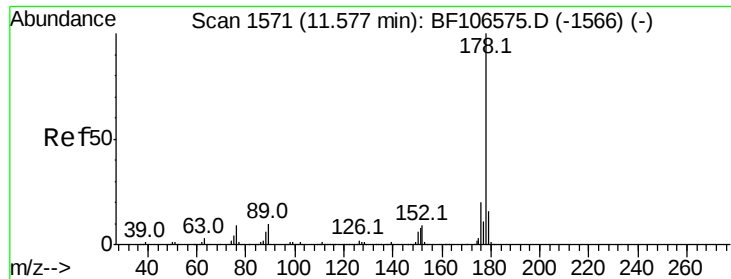


#70
 Phenanthrene
 Concen: 43.348 ng
 RT: 11.51 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.8	23.8
179	15.5	13.0	19.6

Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





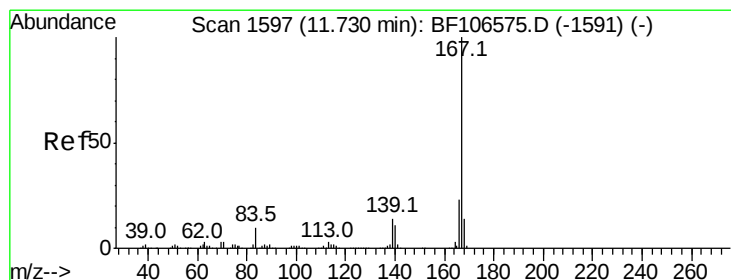
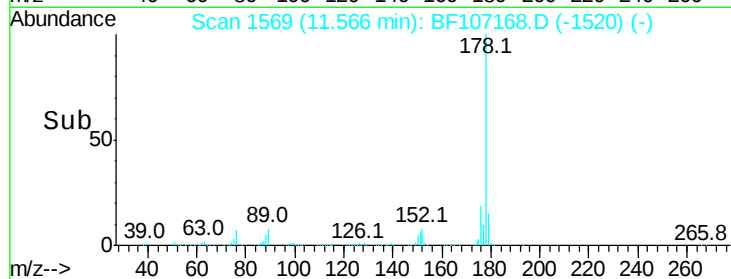
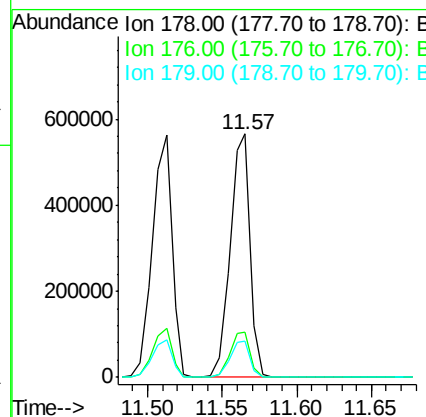
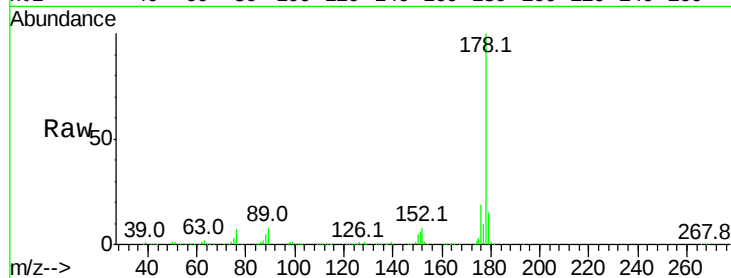
#71
 Anthracene
 Concen: 44.031 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.1	12.6	19.0

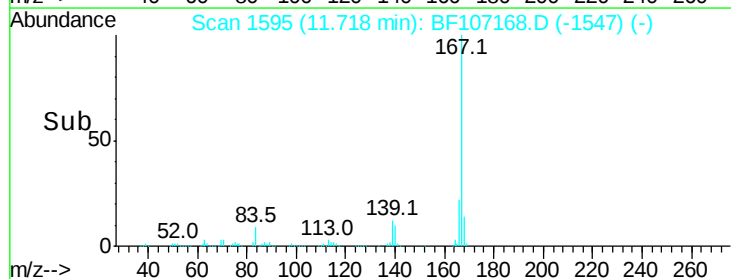
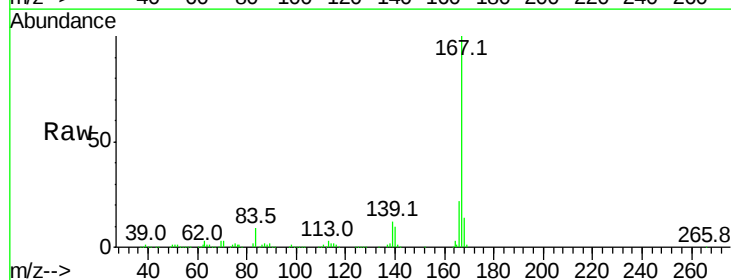
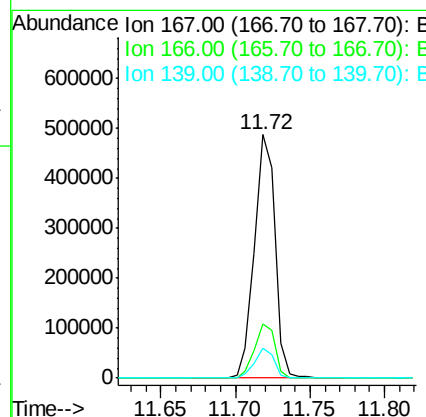
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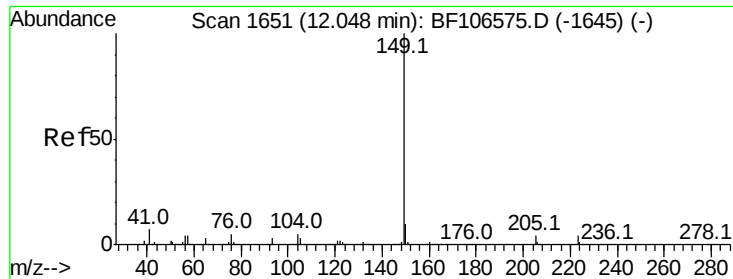
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#72
 Carbazole
 Concen: 40.702 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	12.4	10.9	16.3





#73

Di-n-butylphthalate

Concen: 38.682 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

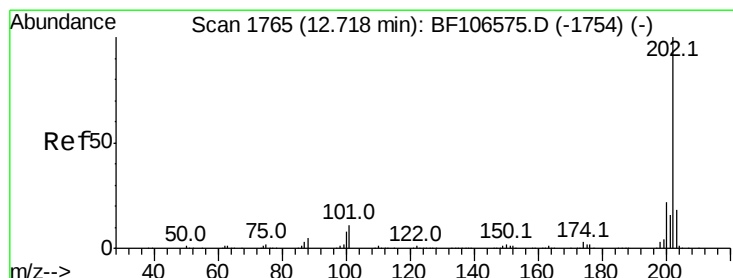
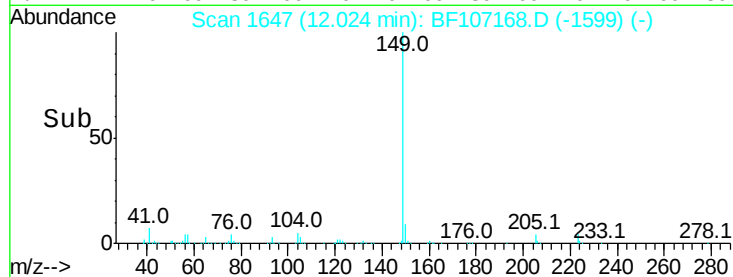
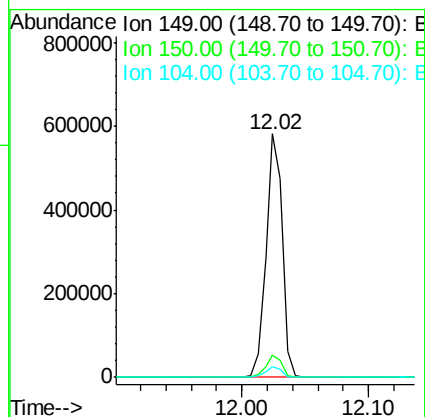
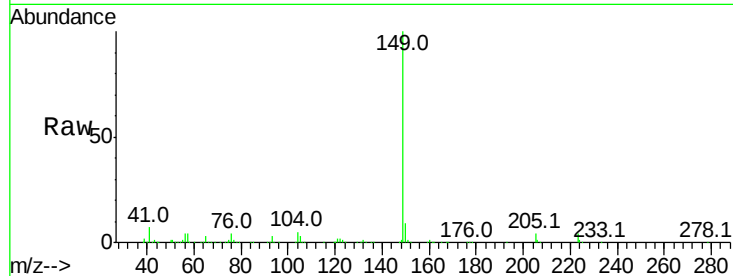
ClientSampleId :

PB110856BS

Tot Ion:	149	Resp:	519302
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 42.623 ng

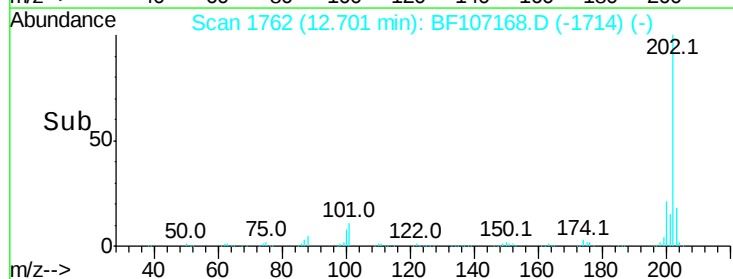
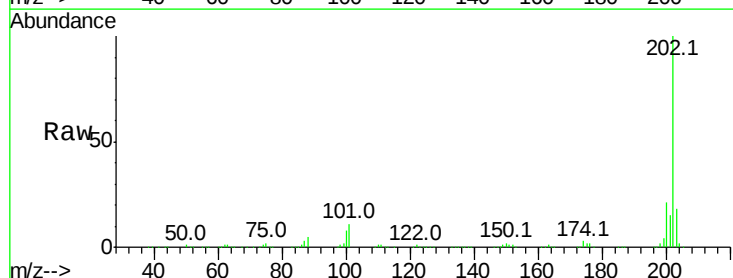
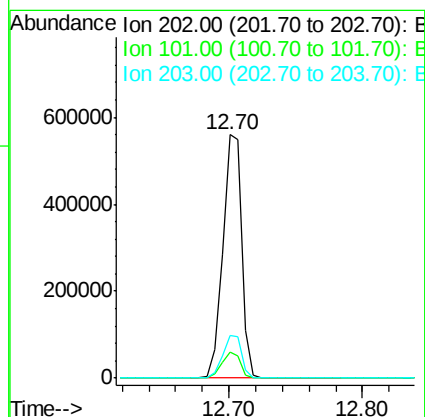
RT: 12.70 min Scan# 1762

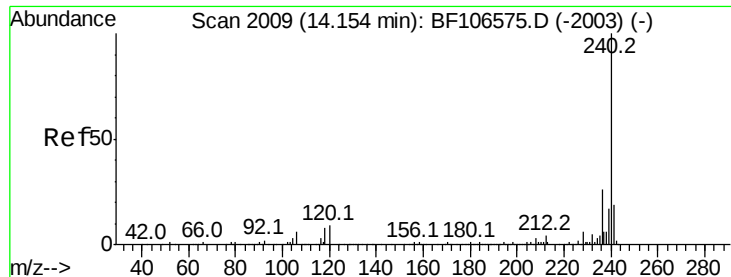
Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	202	Resp:	560209
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.7	0.0	38.1





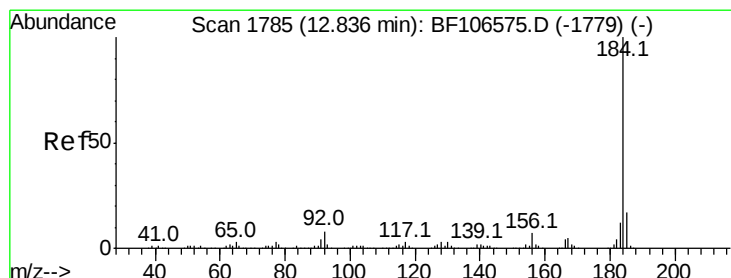
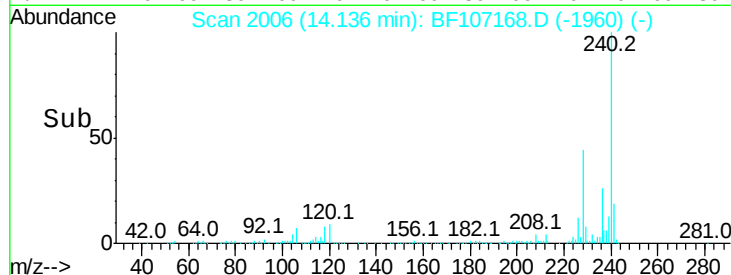
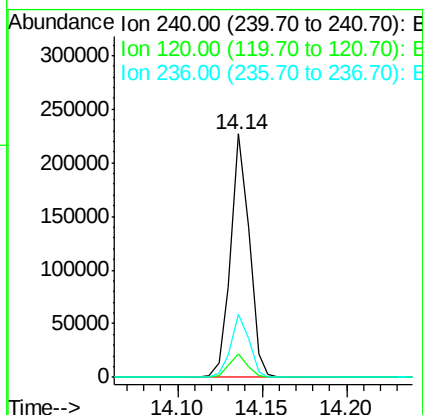
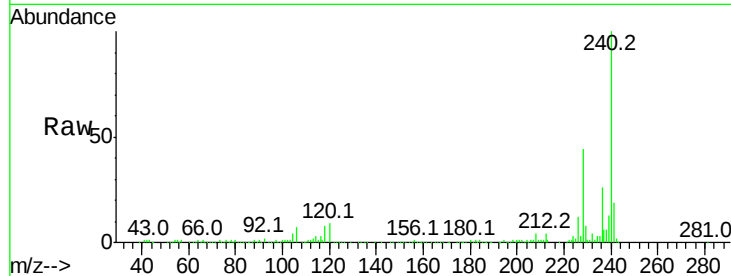
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.03 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.5	14.3#
236	26.0	20.7	31.1

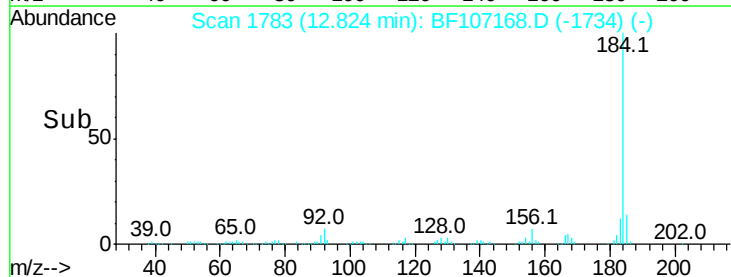
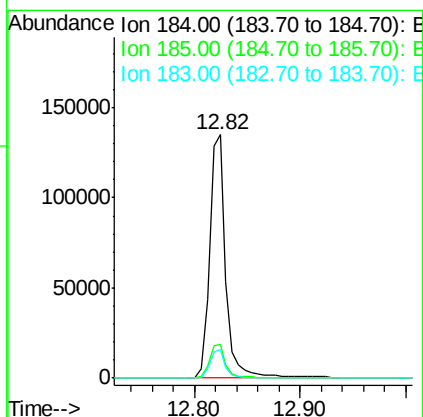
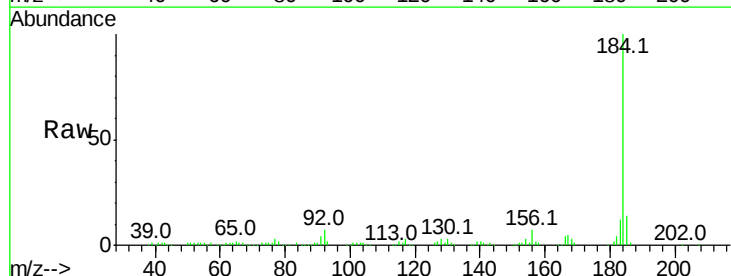
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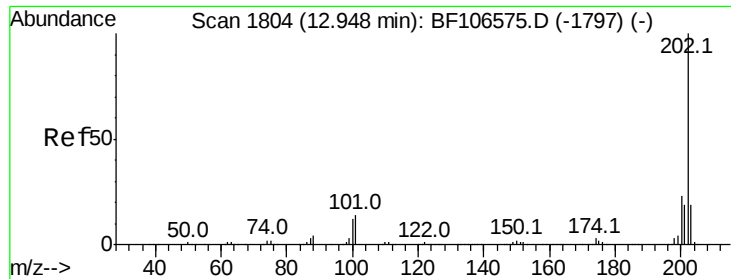
Sohil
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#76
Benzidine
Concen: 29.256 ng
RT: 12.82 min Scan# 1783
Delta R.T. -0.01 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.6	12.6	18.8
183	11.8	9.3	13.9





#77

Pvrene

Concen: 47.724 ng

RT: 12.94 min Scan# 1802

Delta R.T. -0.01 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

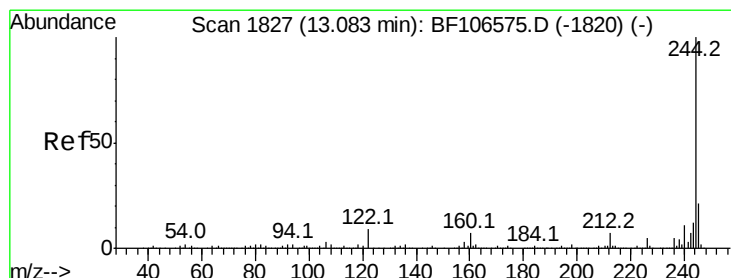
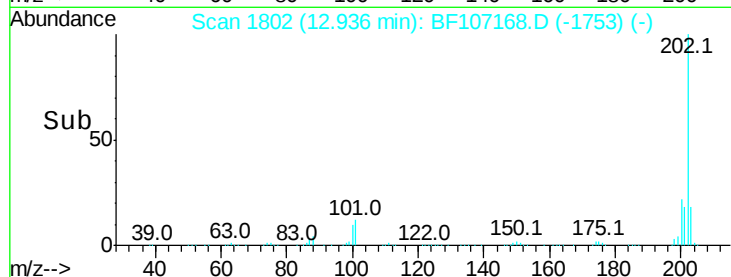
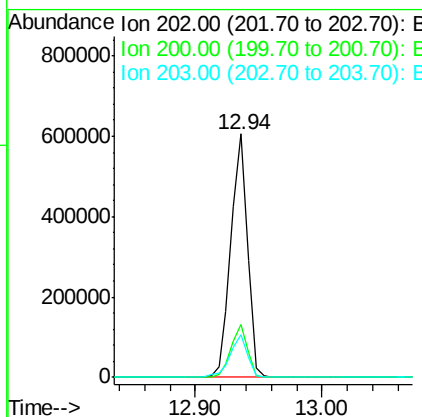
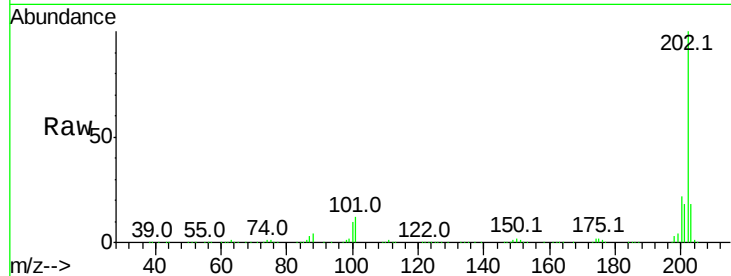
ClientSampleId :

PB110856BS

Tot Ion:	202	Resp:	546782
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.4	26.2
203	17.6	14.3	21.5

Manual Integrations
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#78

Terphenyl-d14

Concen: 105.686 ng

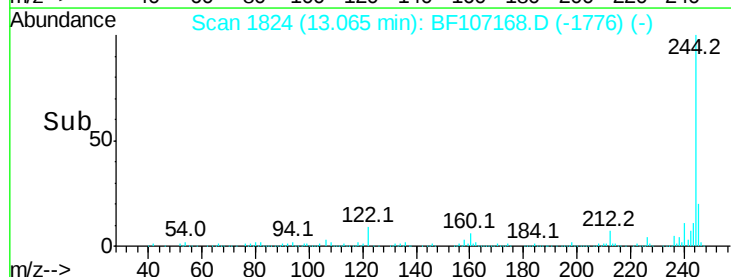
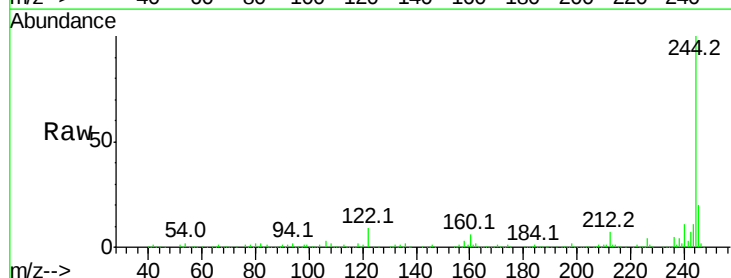
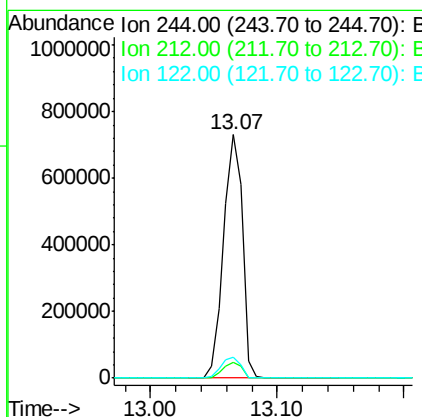
RT: 13.07 min Scan# 1824

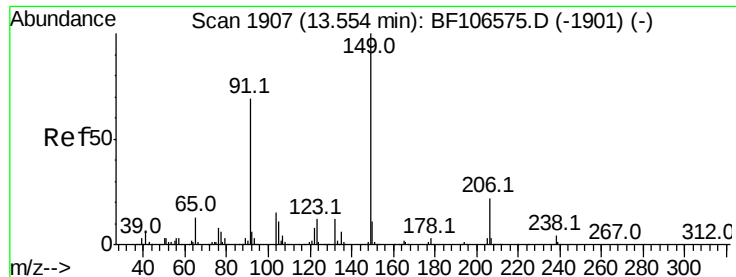
Delta R.T. -0.02 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Tgt Ion:	244	Resp:	758043
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	8.8	11.0	16.4#





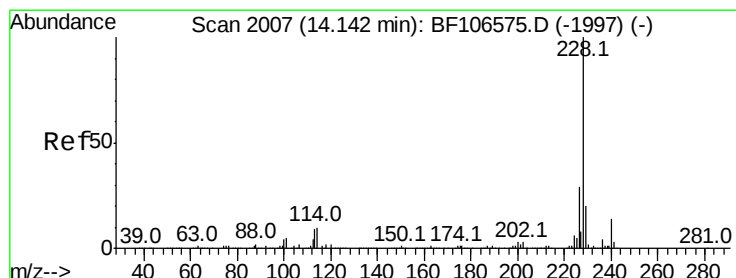
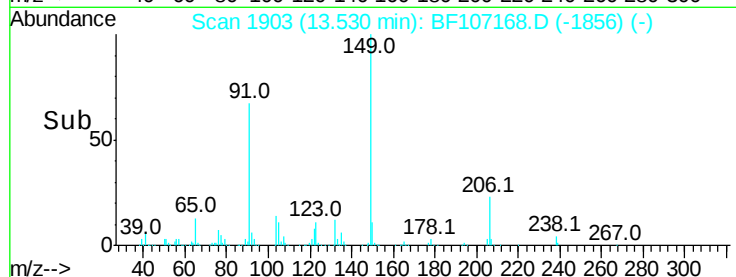
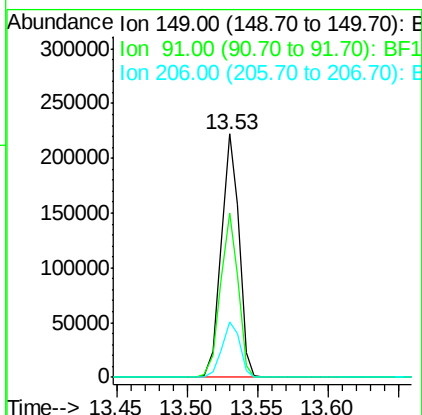
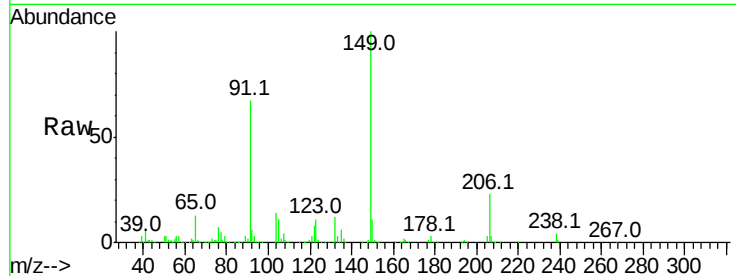
#79
Butylbenzylphthalate
Concen: 41.281 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	194457		
91	67.3	56.8	85.2	
206	22.8	14.1	21.1	

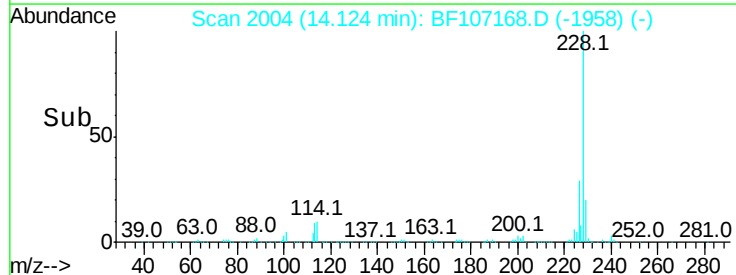
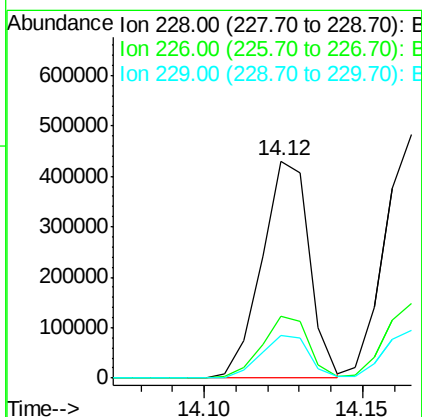
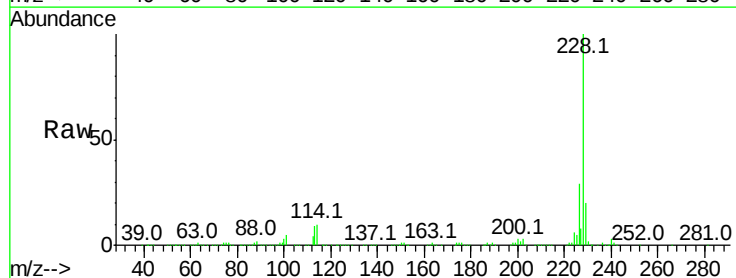
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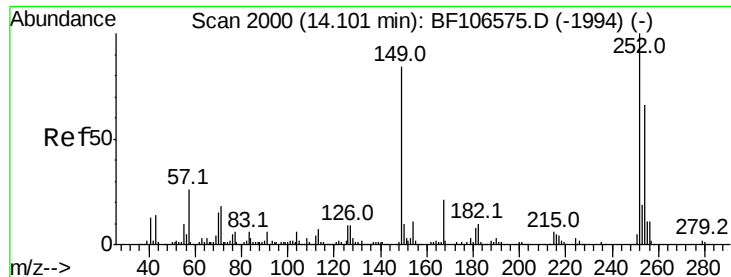
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#80
Benzo(a)anthracene
Concen: 42.338 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	448320		
226	28.6	22.6	33.8	
229	19.9	15.8	23.6	





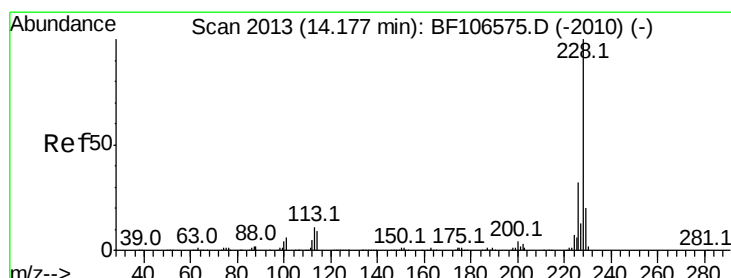
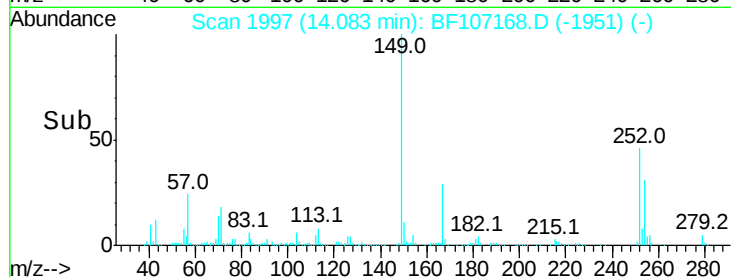
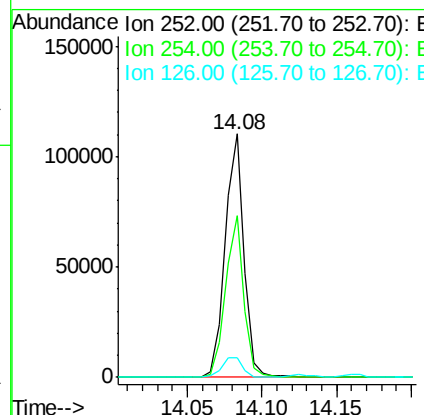
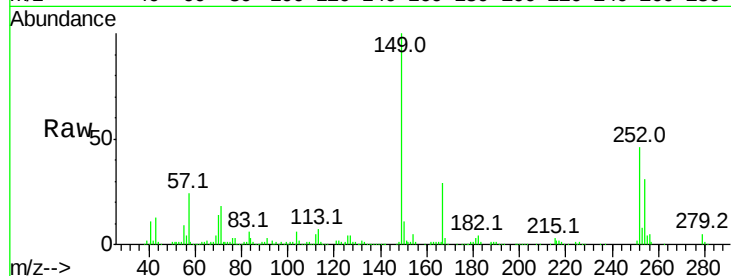
#81
 3,3'-Dichlorobenzidine
 Concen: 26.374 ng
 RT: 14.08 min Scan# 1997
 Delta R.T. -0.03 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	66.4	50.4	75.6
126	8.2	11.3	16.9

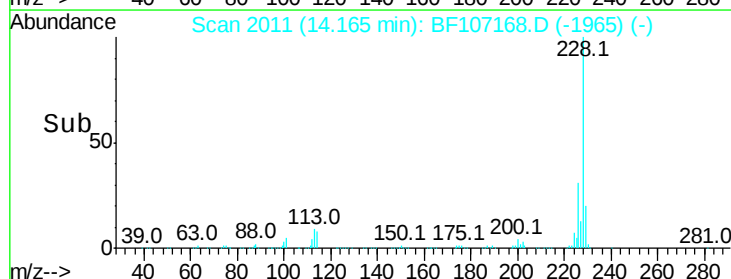
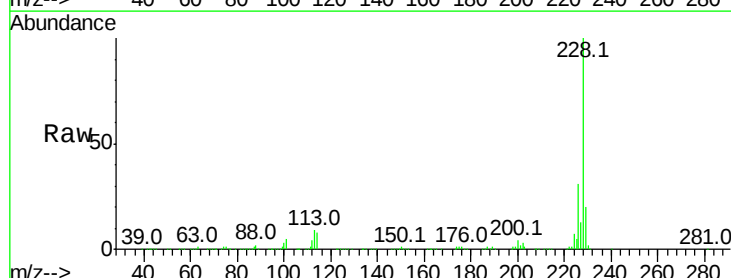
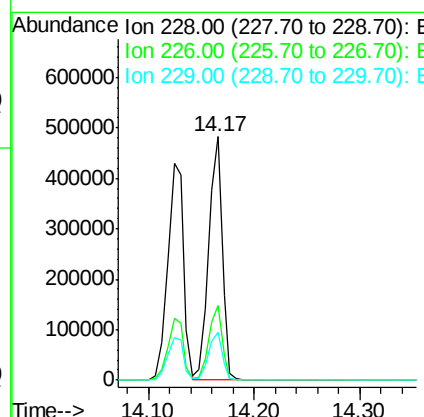
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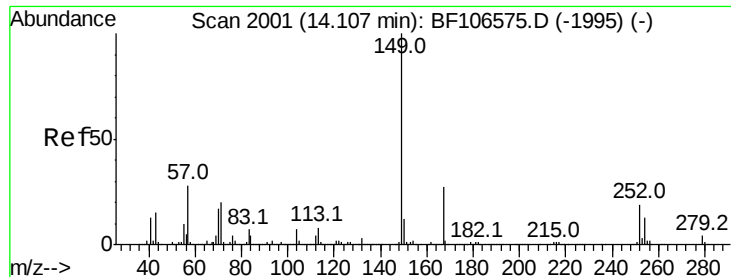
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#82
 Chrysene
 Concen: 44.018 ng
 RT: 14.17 min Scan# 2011
 Delta R.T. -0.03 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	19.8	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 38.285 ng

RT: 14.08 min Scan# 1997

Delta R.T. -0.03 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB110856BS

Tot Ion:149 Resp: 230567
Ion Ratio Lower Upper

149 100

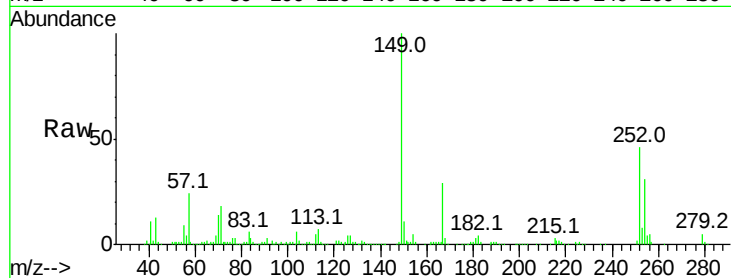
167 28.6 21.3 31.9

279 5.1 3.0 4.4#

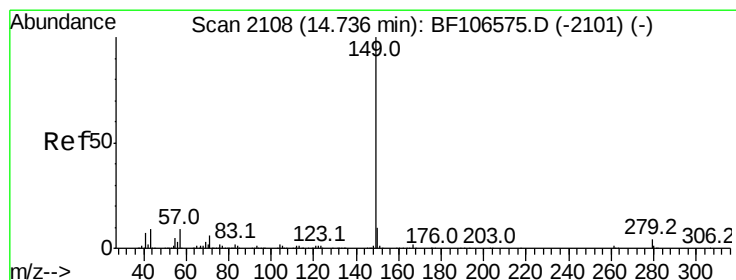
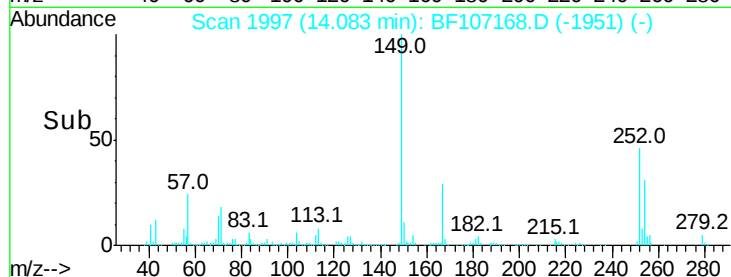
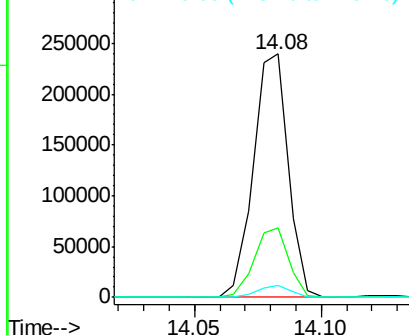
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 35.767 ng

RT: 14.70 min Scan# 2102

Delta R.T. -0.06 min

Lab File: BF107168.D

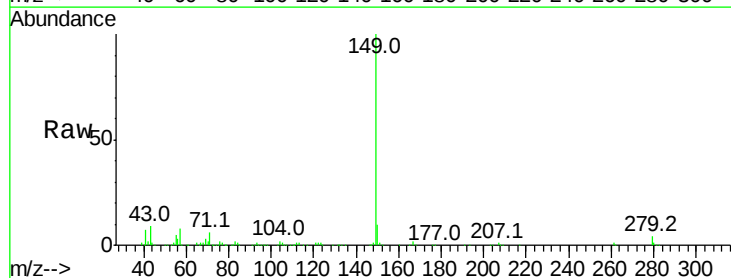
Acq: 6 Jul 2018 13:07

Tgt Ion:149 Resp: 351115
Ion Ratio Lower Upper

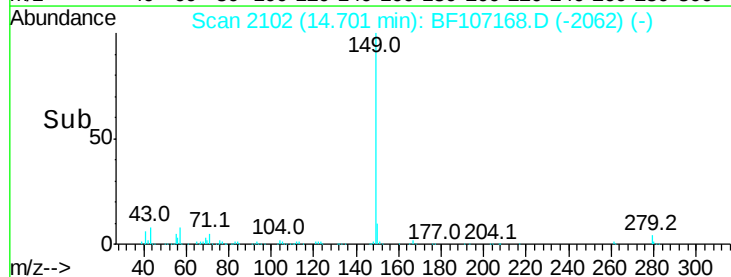
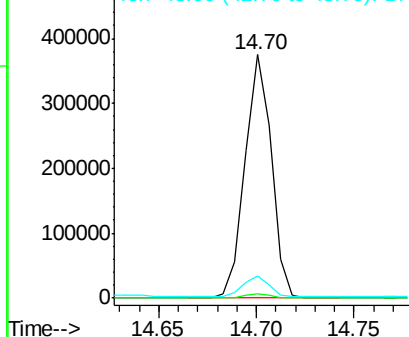
149 100

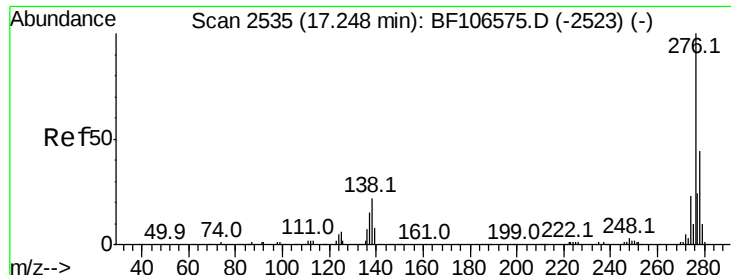
167 2.0 1.2 1.8#

43 8.8 8.4 12.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1





#85

Indeno(1,2,3-cd)pyrene

Concen: 57.320 ng

RT: 17.25 min Scan# 2536

Delta R.T. -0.05 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

Instrument :

BNA_F

ClientSampleId :

PB110856BS

Tot Ion:276 Resp: 473877

Ion Ratio Lower Upper

276 100

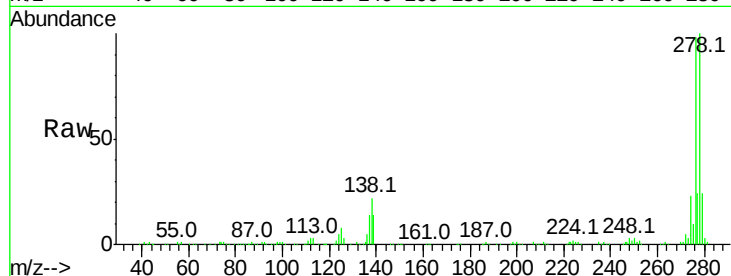
138 21.0 25.0 37.6#

277 24.9 20.1 30.1

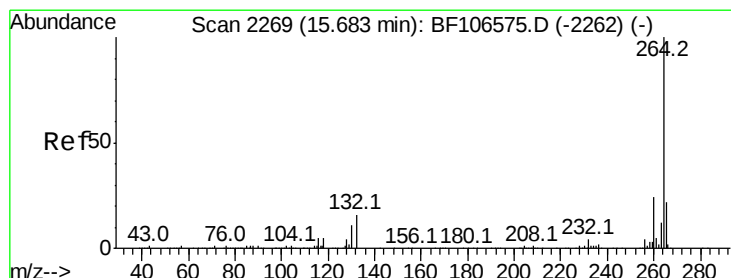
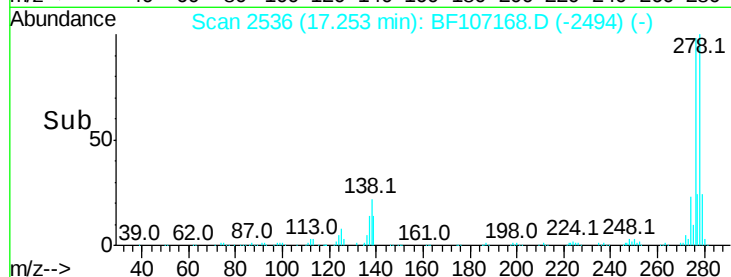
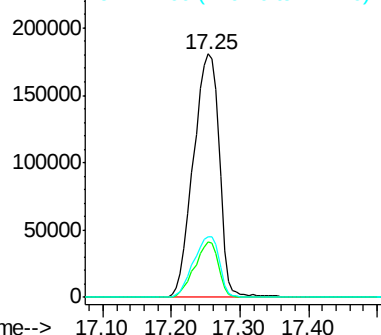
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2266

Delta R.T. -0.05 min

Lab File: BF107168.D

Acq: 6 Jul 2018 13:07

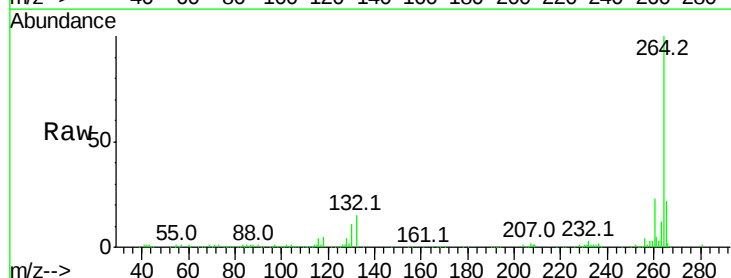
Tgt Ion:264 Resp: 165033

Ion Ratio Lower Upper

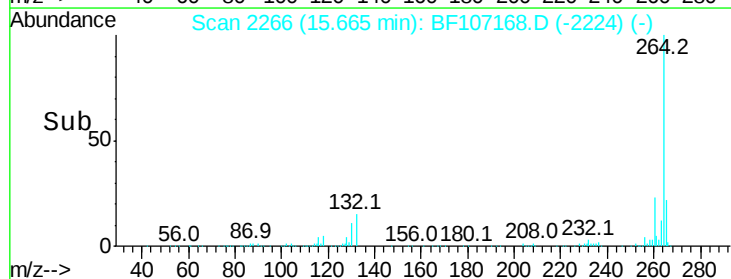
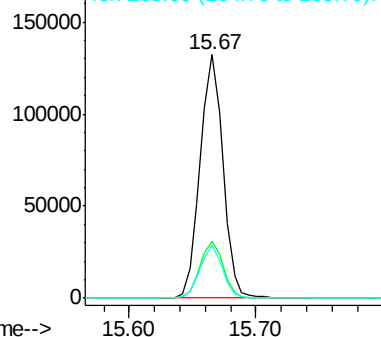
264 100

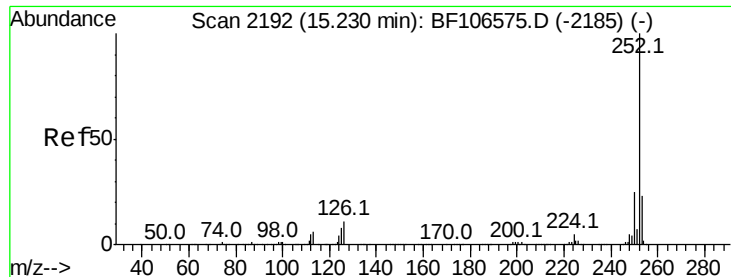
260 23.4 19.2 28.8

265 21.8 17.5 26.3



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





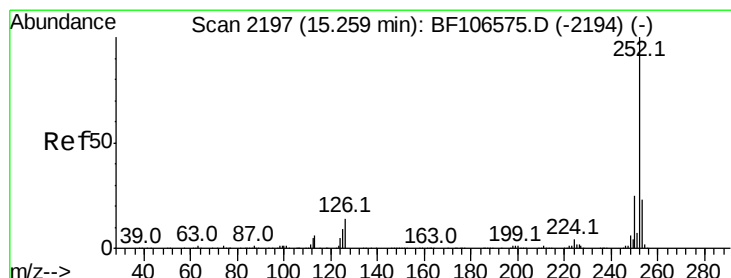
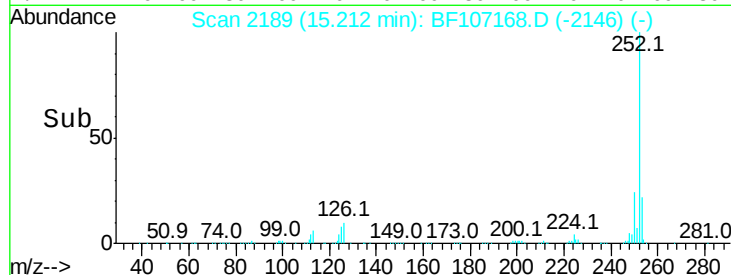
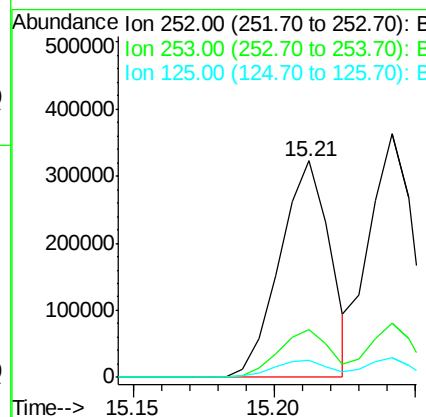
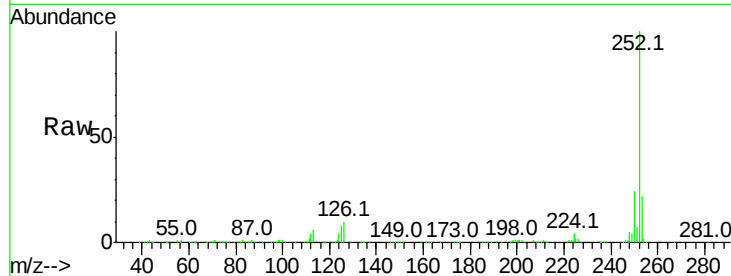
#87
Benzo(b)fluoranthene
Concen: 39.122 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.0	25.6
125	8.1	9.0	13.6

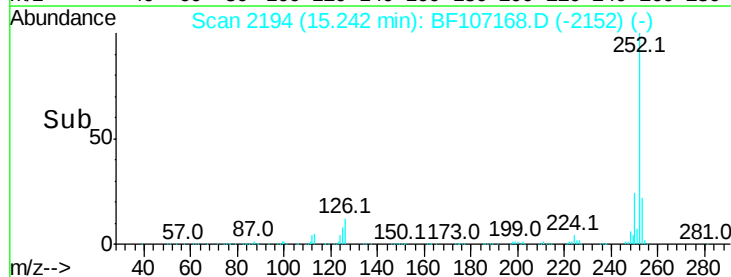
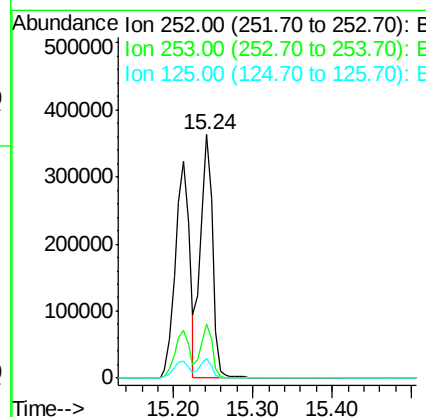
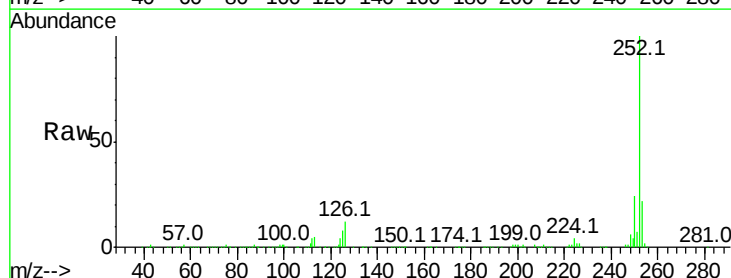
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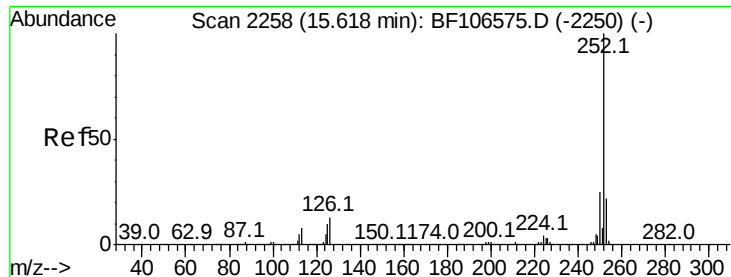
Sohil
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#88
Benzo(k)fluoranthene
Concen: 40.578 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.9	26.9
125	8.0	10.2	15.2





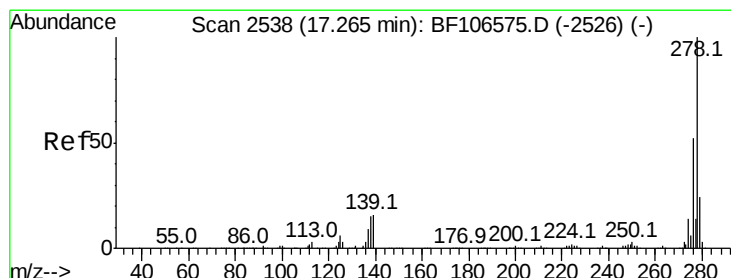
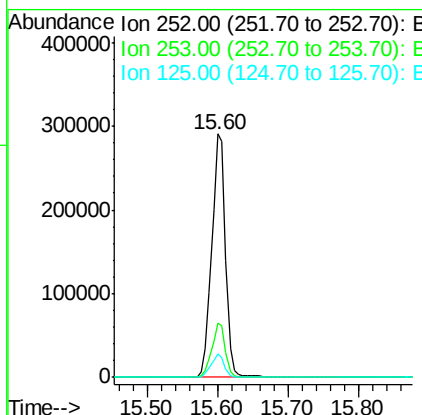
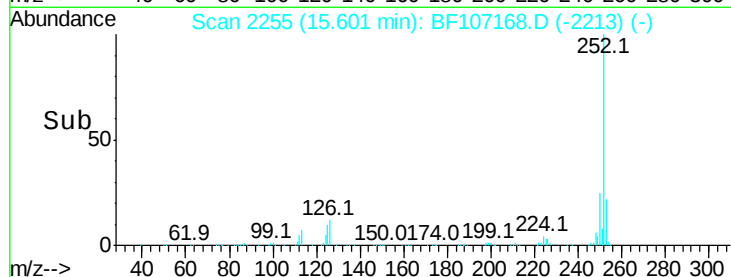
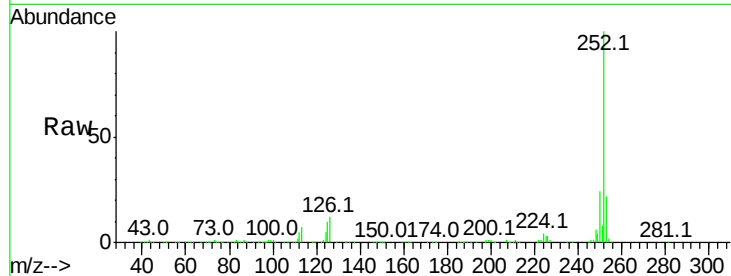
#89
Benzo(a)pyrene
Concen: 43.419 ng
RT: 15.60 min Scan# 2255
Delta R.T. -0.05 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Instrument :
BNA_F
ClientSampleId :
PB110856BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.1	25.7
125	9.8	9.8	14.6

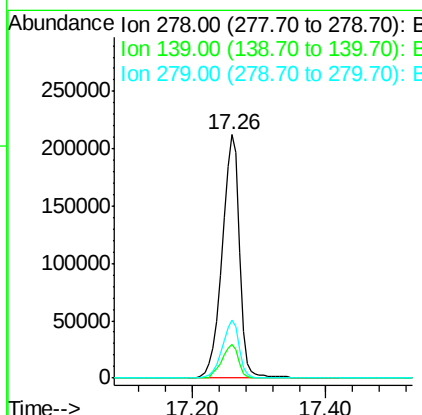
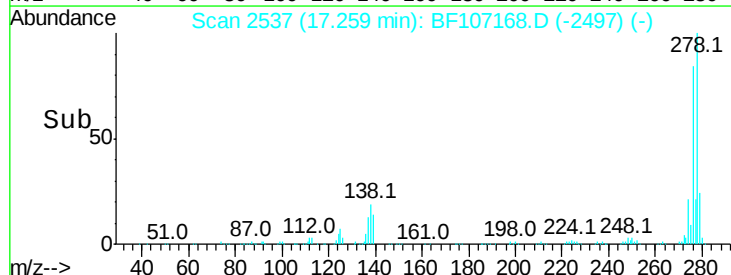
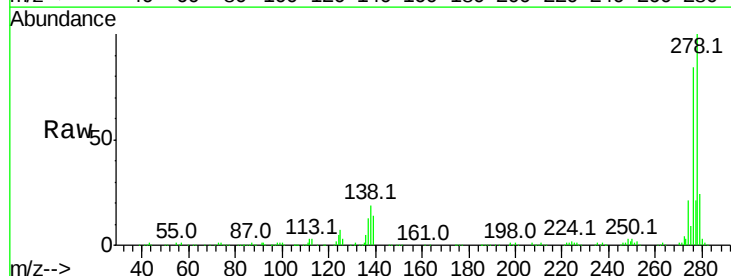
Manual Integrations
APPROVED

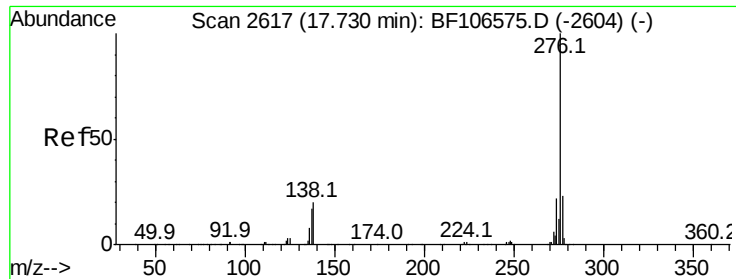
Sohil
7/6/2018 3:30:57 PM



#90
Dibenzo(a,h)anthracene
Concen: 50.769 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF107168.D
Acq: 6 Jul 2018 13:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9#
279	23.9	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 54.511 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107168.D
 Acq: 6 Jul 2018 13:07

Instrument :
 BNA_F
 ClientSampleId :
 PB110856BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100			
277	23.7	17.9	26.9	
138	17.8	21.8	32.8	

Manual Integrations
 APPROVED

Sohil
 7/6/2018 3:30:57 PM

