

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
 Data File : BF107120.D
 Acq On : 5 Jul 2018 12:13
 Operator : JU/SJ
 Sample : PB110604BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Manual Integrations
 APPROVED

Sohil
 7/6/2018 8:44:57 AM

Quant Time: Jul 05 13:12:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	81474	20.00	ng	-0.01
21) Naphthalene-d8	8.23	136	326858	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	178231	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	374919	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	332430	20.00	ng	-0.02
86) Perylene-d12	15.68	264	256683	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	506156	105.20	ng	0.00
7) Phenol-d6	6.60	99	645077	107.36	ng	-0.01
23) Nitrobenzene-d5	7.52	82	422802	71.89	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	236088	114.29	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	786600	72.54	ng	-0.02
78) Terphenyl-d14	13.07	244	1023294	74.56	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.88	88	68671	27.761	ng	97
3) Pyridine	3.65	79	202075	30.121	ng	96
4) n-Nitrosodimethylamine	3.62	42	87463	30.696	ng	87
6) Aniline	6.62	93	187820	23.044	ng	# 11
8) 2-Chlorophenol	6.75	128	197787	37.479	ng	95
9) Benzaldehyde	6.51	77	107070	23.374	ng	98
10) Phenol	6.62	94	235444	34.335	ng	77
11) bis(2-Chloroethyl)ether	6.69	93	197066	34.811	ng	97
12) 1,3-Dichlorobenzene	6.89	146	225809	36.533	ng	98
13) 1,4-Dichlorobenzene	6.97	146	224310	35.896	ng	98
14) 1,2-Dichlorobenzene	7.12	146	209018	36.498	ng	98
15) Benzyl Alcohol	7.10	79	163276	33.842	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	269216	36.246	ng	# 39
17) 2-Methylphenol	7.21	107	171030	37.870	ng	# 89
18) Hexachloroethane	7.45	117	78943	35.924	ng	# 88
19) n-Nitroso-di-n-propylamine	7.36	70	133643	33.742	ng	96
20) 3+4-Methylphenols	7.37	107	208782	42.043	ng	# 82
22) Acetophenone	7.36	105	269413	36.842	ng	# 95
24) Nitrobenzene	7.54	77	214890	35.786	ng	99
25) Isophorone	7.77	82	401629	38.752	ng	99
26) 2-Nitrophenol	7.85	139	114582	40.421	ng	93
27) 2,4-Dimethylphenol	7.89	122	196289	44.800	ng	99
28) bis(2-Chloroethoxy)methane	7.97	93	255365	36.697	ng	98
29) 2,4-Dichlorophenol	8.10	162	187345	40.842	ng	90
30) 1,2,4-Trichlorobenzene	8.17	180	206425	40.850	ng	97
31) Naphthalene	8.25	128	579307	37.909	ng	99
32) Benzoic acid	8.04	122	94794	31.924	ng	96
33) 4-Chloroaniline	8.31	127	90593	14.128	ng	99
34) Hexachlorobutadiene	8.36	225	131914	40.063	ng	99
35) Caprolactam	8.70	113	59328m	39.678	ng	
36) 4-Chloro-3-methylphenol	8.81	107	198803	41.175	ng	98
37) 2-Methylnaphthalene	8.95	142	433319	42.780	ng	95
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	228695	38.101	ng	# 96
40) Hexachlorocyclopentadiene	9.09	237	144331	46.737	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	129671	32.501	nq	93
43) 2,4,5-Trichlorophenol	9.28	196	135382	32.518	nq	# 87
45) 1,1'-Biphenyl	9.41	154	519113	36.547	nq	98
46) 2-Chloronaphthalene	9.44	162	388887	34.782	nq	94
47) 2-Nitroaniline	9.54	65	125889	33.484	nq	94
48) Acenaphthylene	9.86	152	602658	34.141	nq	99
49) Dimethylphthalate	9.71	163	468967	35.082	nq	# 97
50) 2,6-Dinitrotoluene	9.78	165	109777	38.782	nq	91
51) Acenaphthene	10.03	154	369883	33.276	nq	98
52) 3-Nitroaniline	9.95	138	68748	21.106	nq	98
53) 2,4-Dinitrophenol	10.08	184	95339	65.799	nq	# 15
54) Dibenzofuran	10.20	168	551189	36.213	nq	97
55) 4-Nitrophenol	10.14	139	84641	37.227	nq	94
56) 2,4-Dinitrotoluene	10.20	165	140346	37.985	nq	94
57) Fluorene	10.55	166	451790	37.405	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	118944	35.941	nq	# 76
59) Diethylphthalate	10.41	149	439238	34.044	nq	# 93
60) 4-Chlorophenyl-phenylether	10.53	204	232050	36.719	nq	# 87
61) 4-Nitroaniline	10.58	138	118722	36.726	nq	95
62) Azobenzene	10.70	77	423891	33.364	nq	91
64) 4,6-Dinitro-2-methylphenol	10.61	198	83941	36.220	nq	# 68
65) n-Nitrosodiphenylamine	10.65	169	399932	31.714	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	168406	37.637	nq	# 77
67) Hexachlorobenzene	11.09	284	178731	38.165	nq	# 84
68) Atrazine	11.18	200	151326	37.747	nq	94
69) Pentachlorophenol	11.30	266	99372	42.527	nq	99
70) Phenanthrene	11.52	178	676201	37.394	nq	98
71) Anthracene	11.57	178	695090	37.659	nq	99
72) Carbazole	11.72	167	641094	37.099	nq	98
73) Di-n-butylphthalate	12.03	149	693290	34.054	nq	99
74) Fluoranthene	12.71	202	778956	39.082	nq	97
76) Benzidine	12.82	184	280930	29.673	nq	97
77) Pyrene	12.94	202	778120	35.496	nq	100
79) Butylbenzylphthalate	13.54	149	307298	34.095	nq	# 94
80) Benzo(a)anthracene	14.14	228	758369	37.431	nq	100
81) 3,3'-Dichlorobenzidine	14.09	252	125165	17.577	nq	# 95
82) Chrysene	14.18	228	685116	36.756	nq	99
83) Bis(2-ethylhexyl)phthalate	14.09	149	385285	33.437	nq	# 96
84) Di-n-octyl phthalate	14.71	149	645823	34.384	nq	95
85) Indeno(1,2,3-cd)pyrene	17.27	276	559427	35.366	nq	# 89
87) Benzo(b)fluoranthene	15.22	252	621110	38.953	nq	# 96
88) Benzo(k)fluoranthene	15.25	252	596324	39.272	nq	# 95
89) Benzo(a)pyrene	15.62	252	555805	39.211	nq	# 96
90) Dibenzo(a,h)anthracene	17.28	278	462191	38.474	nq	# 93
91) Benzo(g,h,i)perylene	17.75	276	483703	41.195	nq	# 89

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

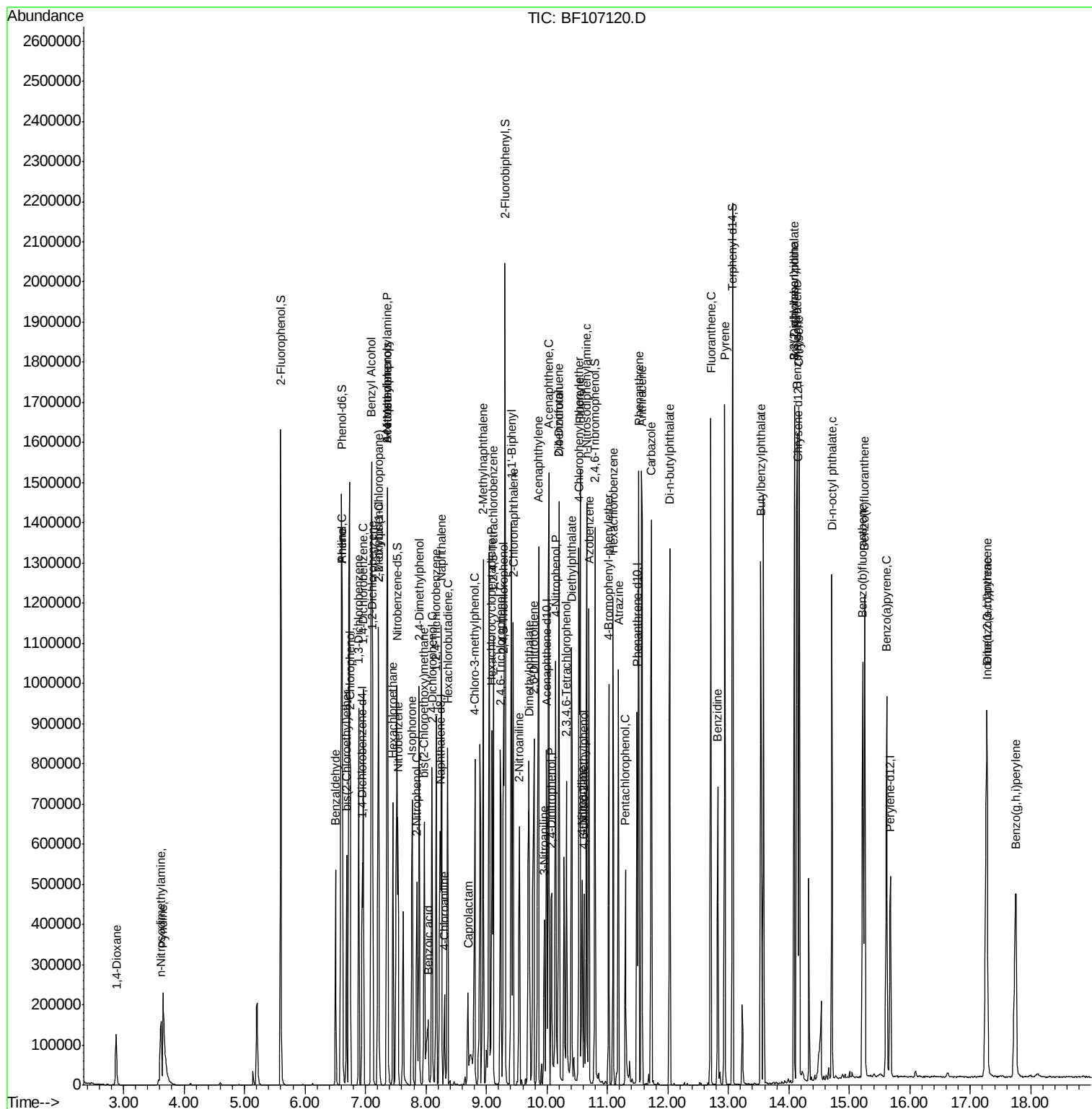
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
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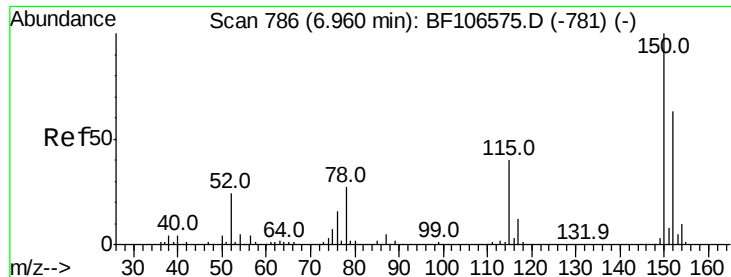
Instrument :
BNA_F
Client Sample ID :
PB110604BSD

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#1

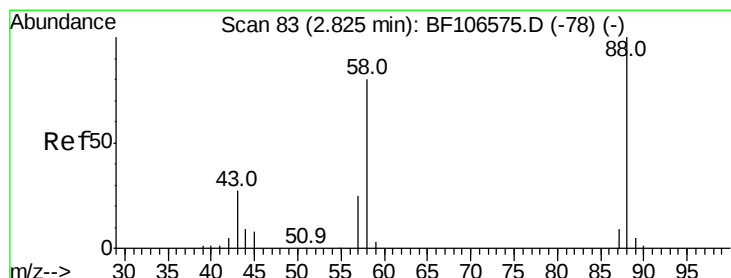
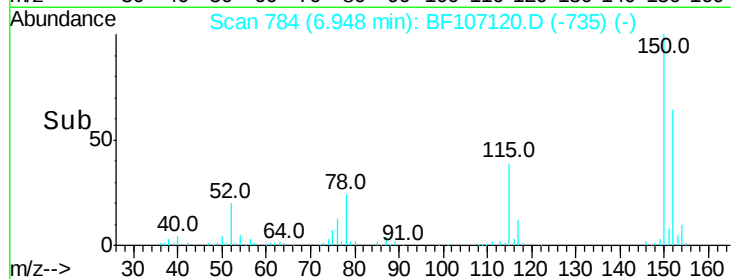
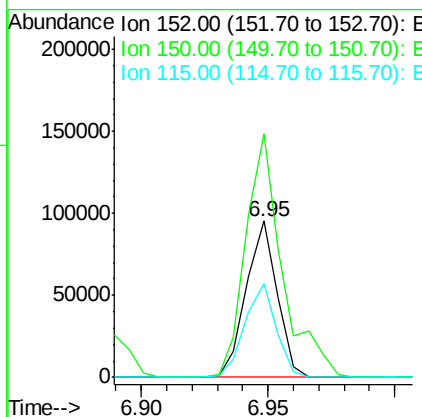
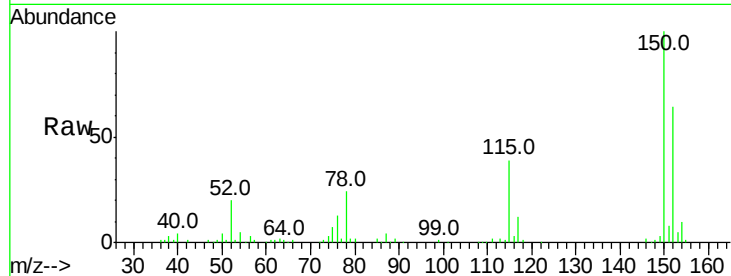
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 784
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	124.6	186.8
115	60.4	50.1	75.1

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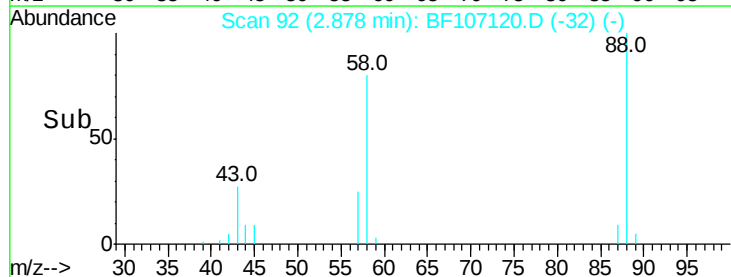
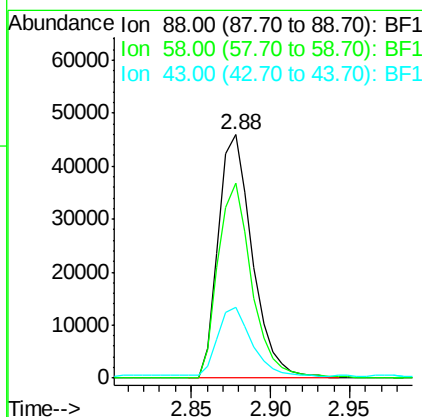
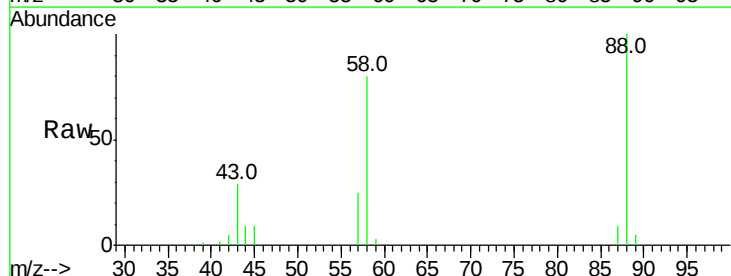
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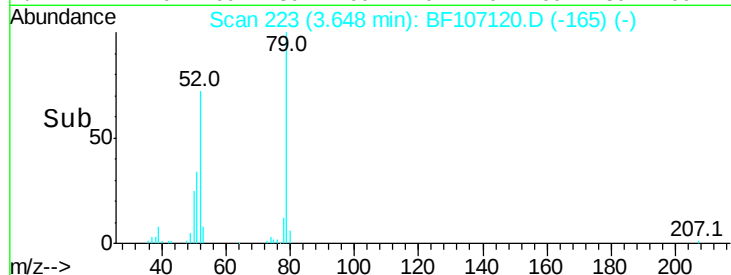
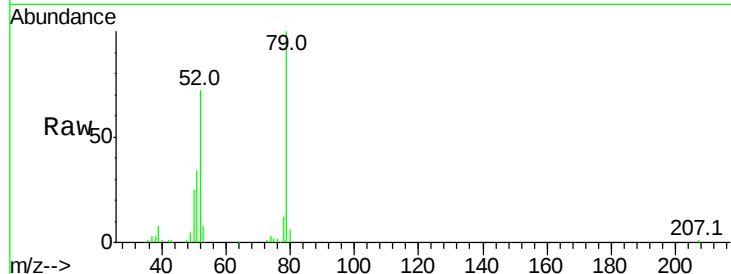
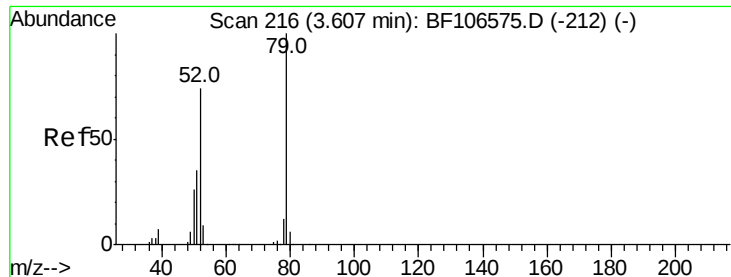


#2

1,4-Dioxane
Concen: 27.761 ng
RT: 2.88 min Scan# 92
Delta R.T. 0.05 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.6	62.6	93.8
43	27.9	24.6	37.0





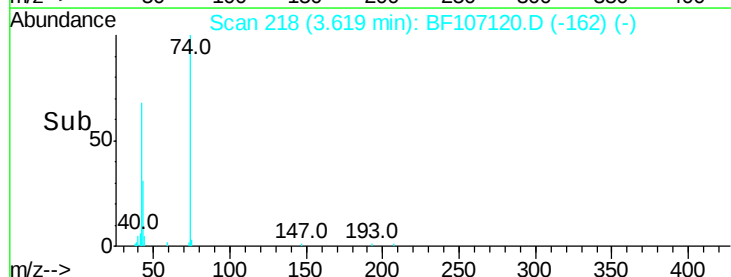
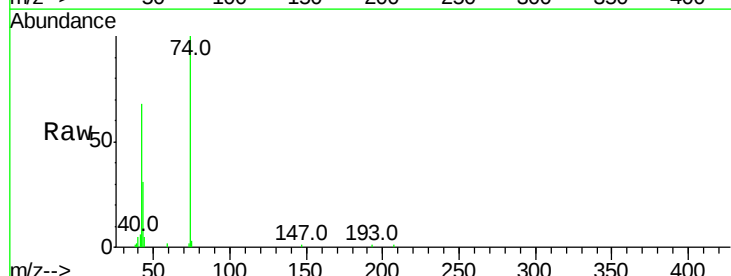
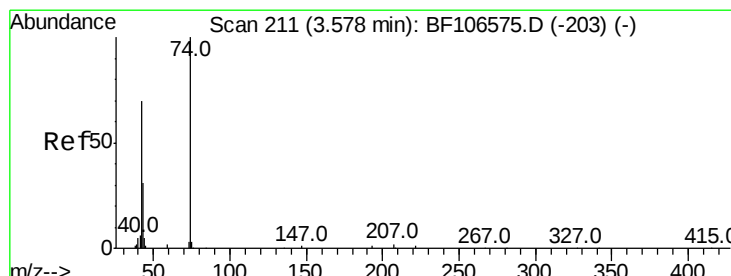
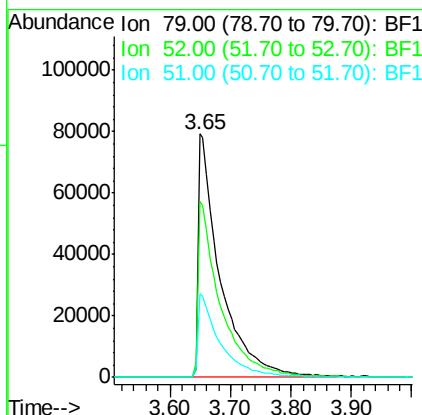
#3
Pvridine
Concen: 30.121 ng
RT: 3.65 min Scan# 223
Delta R.T. 0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tot Ion	Ratio	Lower	Upper
79	100		
52	72.1	59.8	89.6
51	34.3	29.8	44.8

Instrument :
BNA_F
ClientSampled :
PB110604BSD

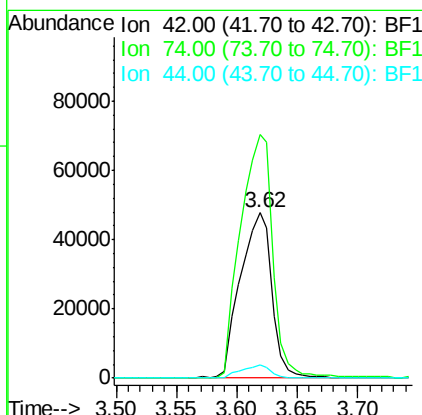
Manual Integrations
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#4
n-Nitrosodimethylamine
Concen: 30.696 ng
RT: 3.62 min Scan# 218
Delta R.T. 0.03 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	147.2	104.9	157.3
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 105.197 ng

RT: 5.60 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

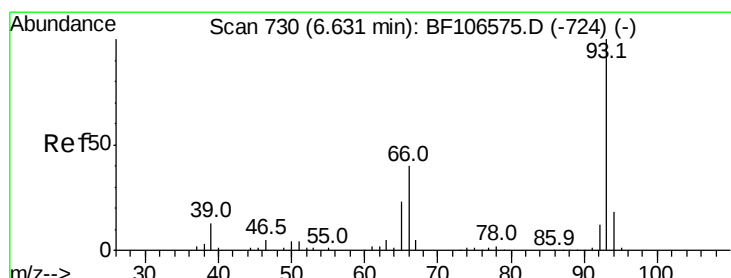
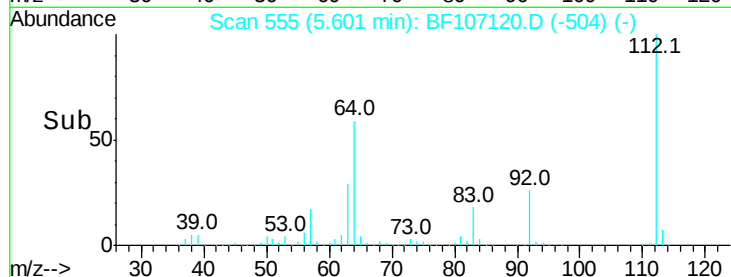
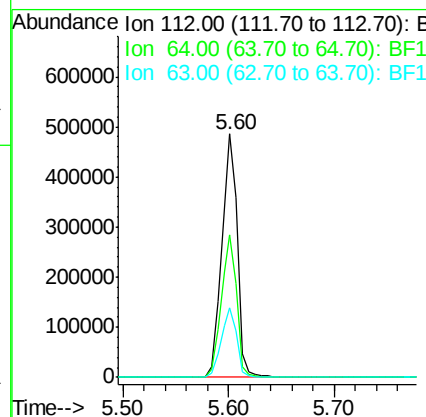
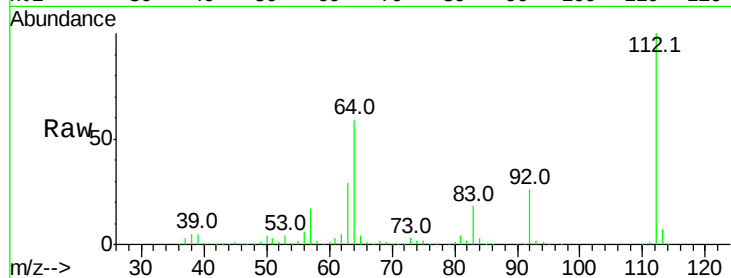
ClientSampleId :

PB110604BSD

Tot Ion:	112	Resp:	506156
Ion Ratio	Lower	Upper	
112	100		
64	58.8	47.9	71.9
63	28.7	23.7	35.5

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#6

Aniline

Concen: 23.044 ng

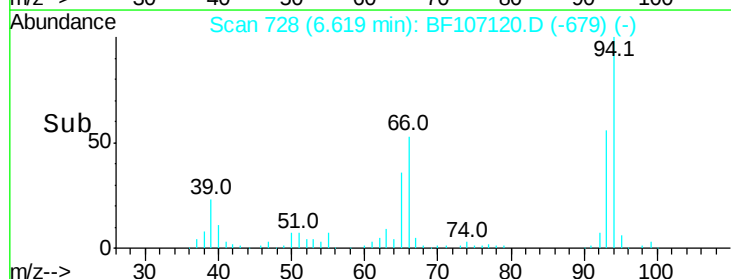
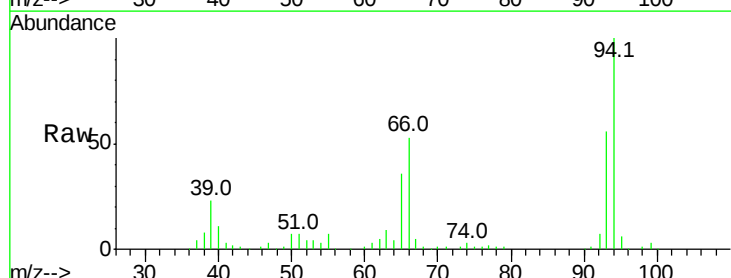
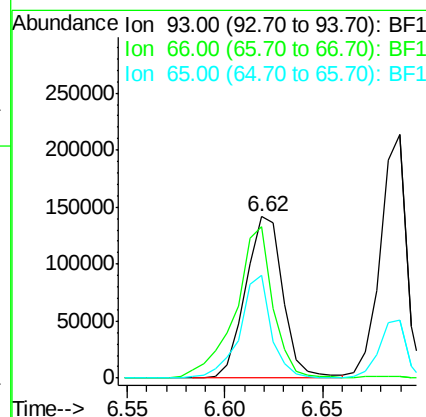
RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:	93	Resp:	187820
Ion Ratio	Lower	Upper	
93	100		
66	94.3	32.2	48.2#
65	63.6	16.4	24.6#





#7

Phenol-d6

Concen: 107.358 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

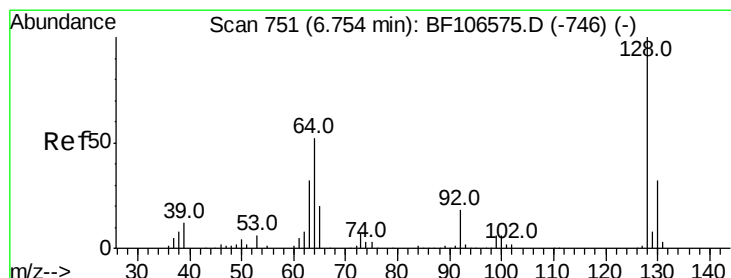
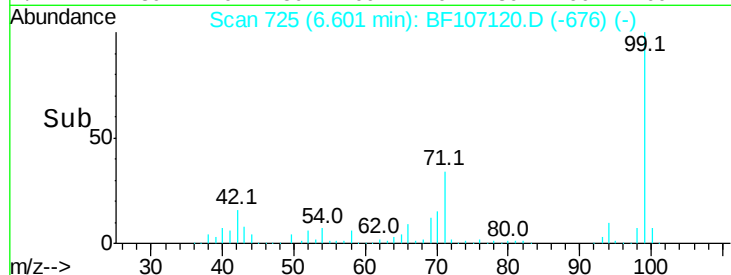
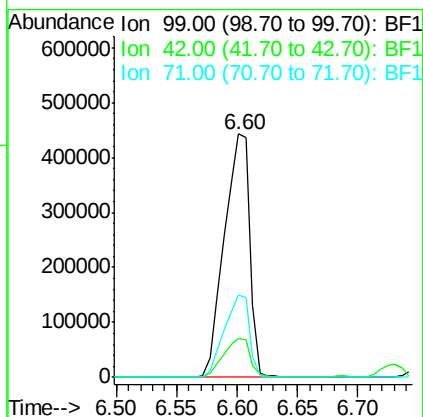
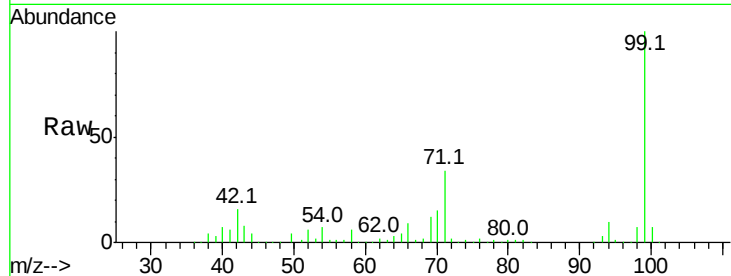
ClientSampleId :

PB110604BSD

Tot Ion:	99	Resp:	645077
Ion Ratio	Lower	Upper	
99	100		
42	16.1	14.5	21.7
71	33.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 37.479 ng

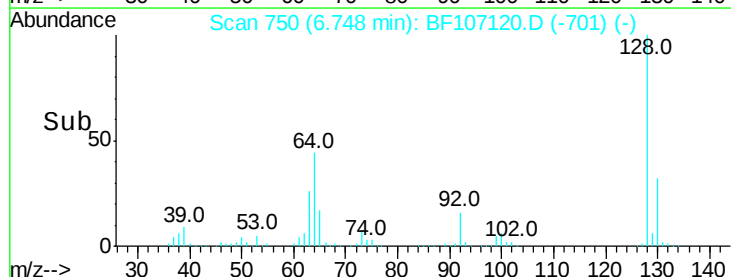
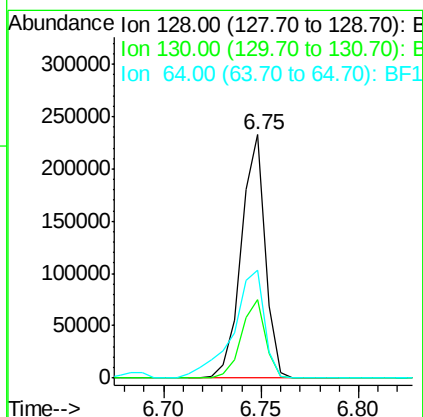
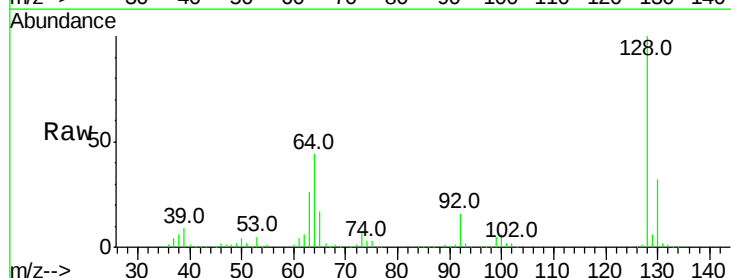
RT: 6.75 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:	128	Resp:	197787
Ion Ratio	Lower	Upper	
128	100		
130	32.2	13.0	53.0
64	44.5	29.4	69.4





#9

Benzaldehyde

Concen: 23.374 ng

RT: 6.51 min Scan# 709

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tot Ion: 77 Resp: 107070

Ion Ratio Lower Upper

77 100

105 102.2 81.1 121.1

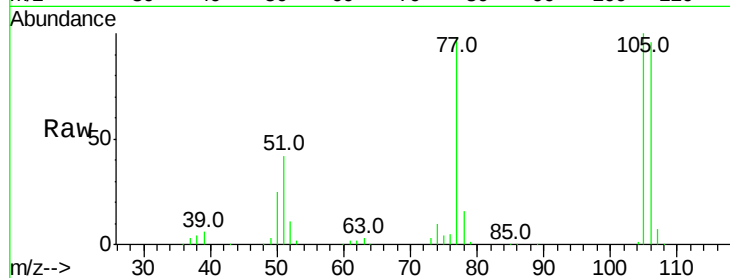
106 97.8 74.5 114.5

Manual Integrations

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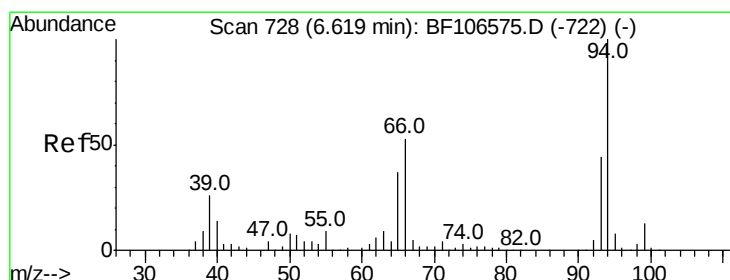
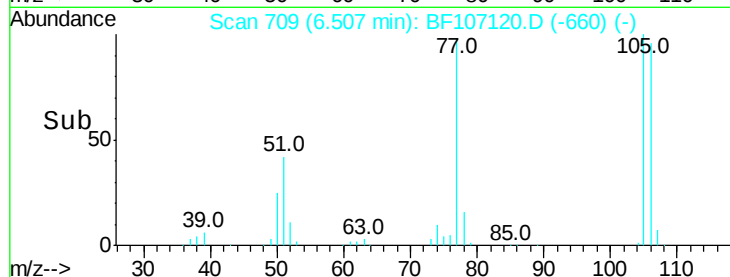
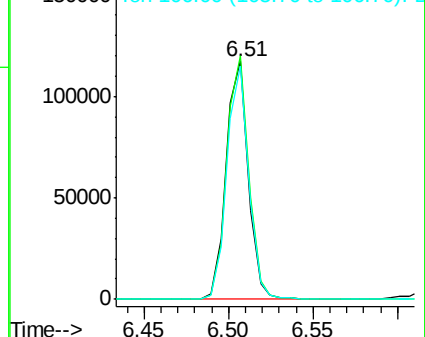
7/6/2018 8:44:57 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 34.335 ng

RT: 6.62 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

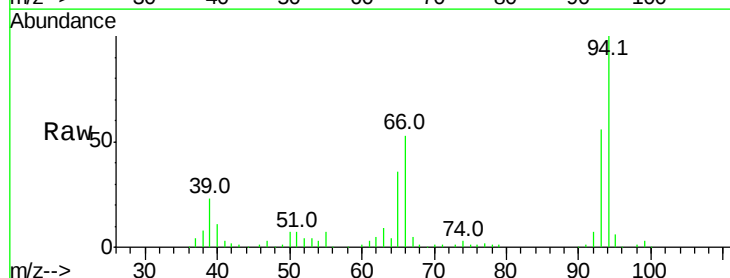
Tgt Ion: 94 Resp: 235444

Ion Ratio Lower Upper

94 100

65 35.8 7.9 47.9

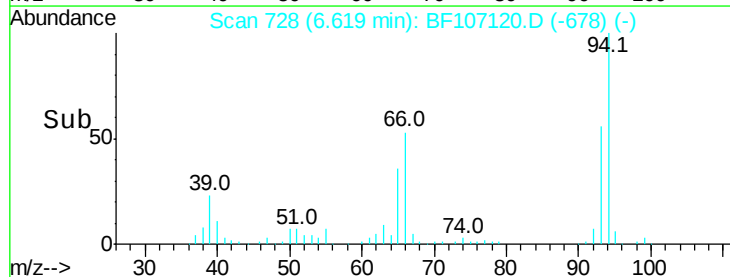
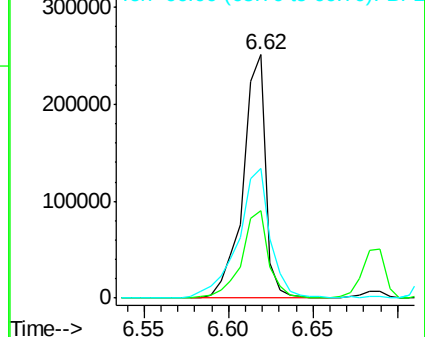
66 53.0 16.2 56.2

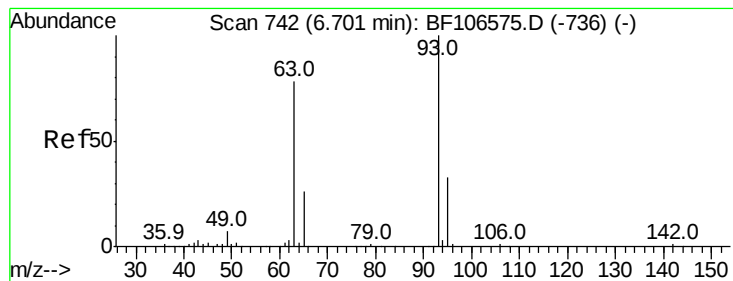


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





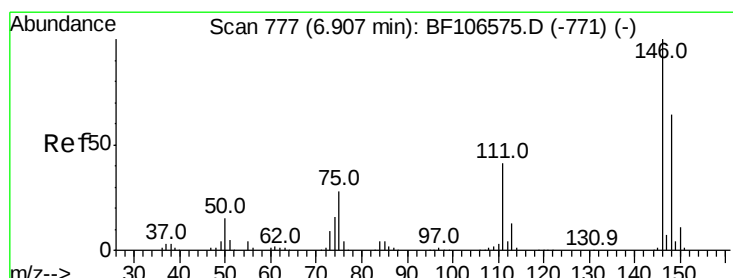
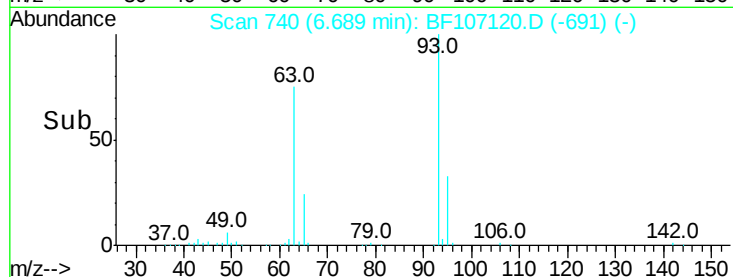
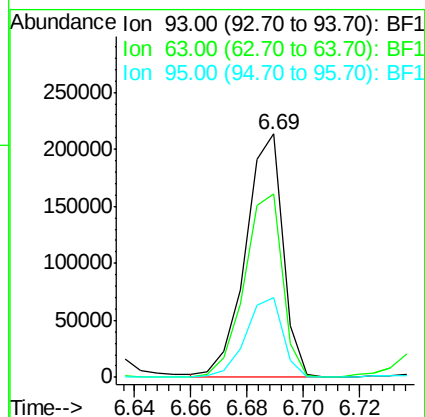
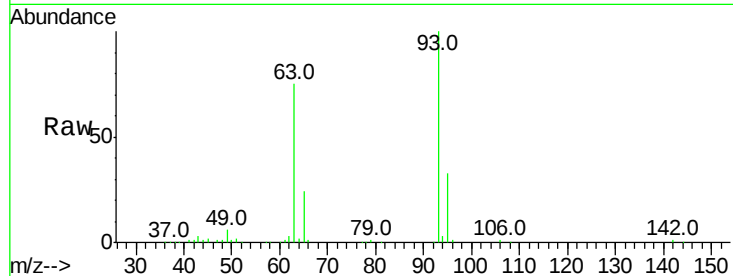
#11
bis(2-Chloroethyl)ether
Concen: 34.811 ng
RT: 6.69 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	93	Resp	197066
Ion Ratio	100	Lower	Upper
93	100		
63	75.1	58.6	98.6
95	32.6	11.8	51.8

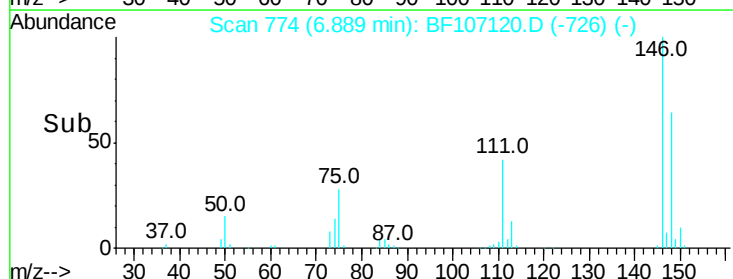
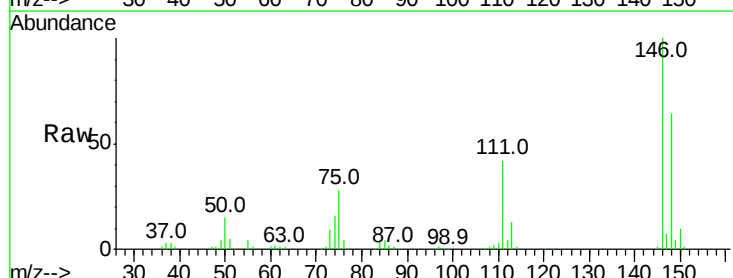
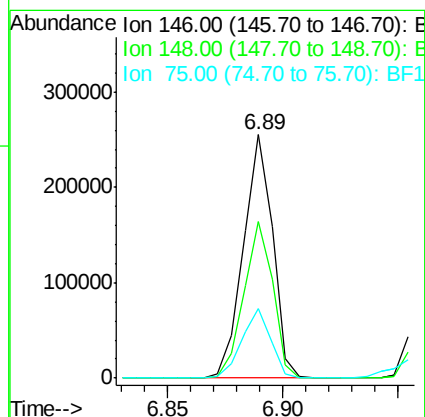
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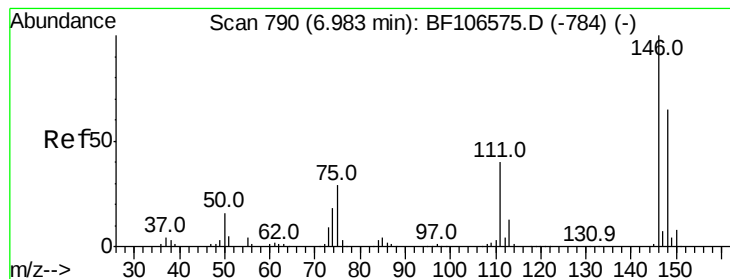
Sohil
7/6/2018 8:44:57 AM



#12
1,3-Dichlorobenzene
Concen: 36.533 ng
RT: 6.89 min Scan# 774
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	146	Resp	225809
Ion Ratio	100	Lower	Upper
146	100		
148	64.1	51.8	77.8
75	28.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 35.896 ng

RT: 6.97 min Scan# 787

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

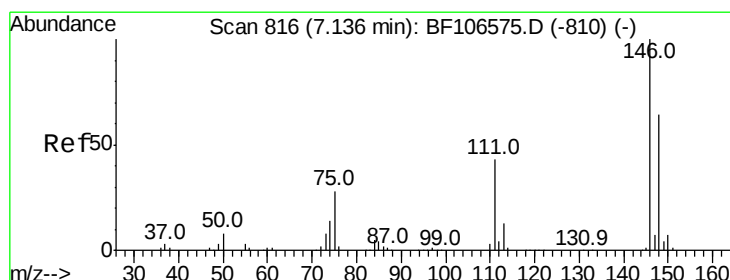
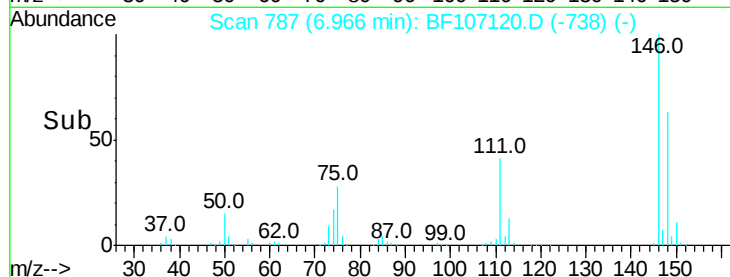
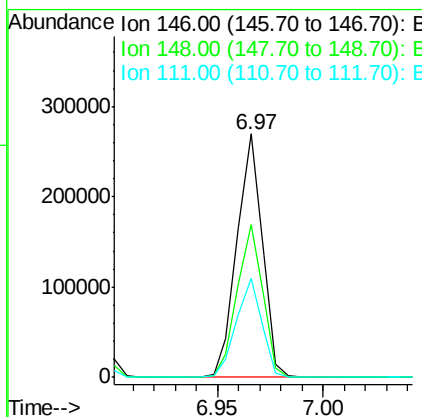
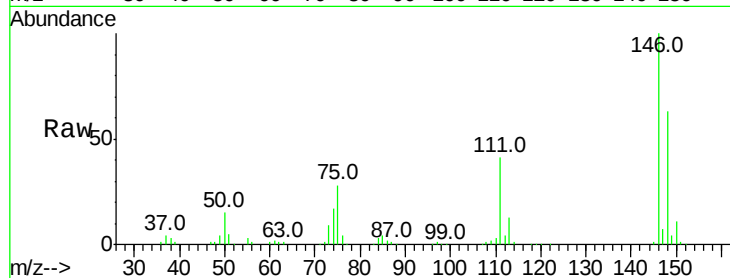
ClientSampleId :

PB110604BSD

Tot Ion:	146	Resp:	224310
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.8	76.2
111	40.7	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 36.498 ng

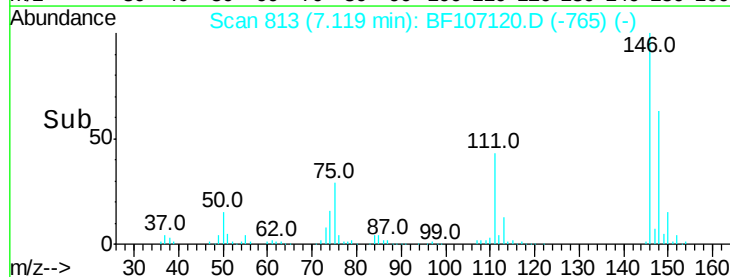
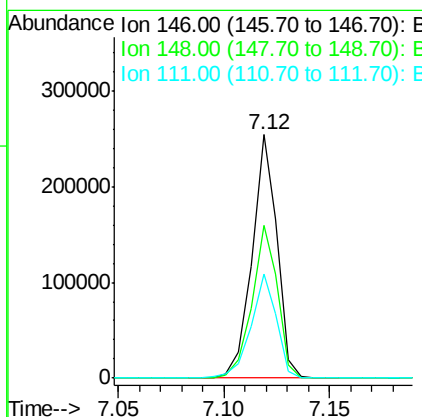
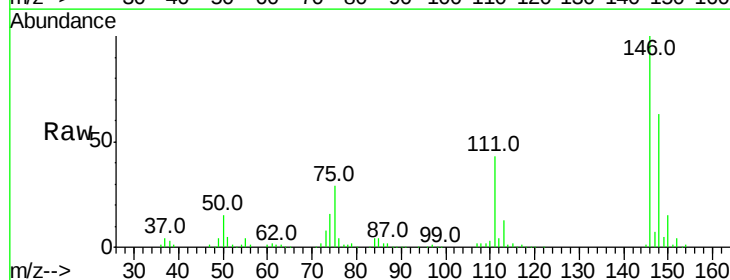
RT: 7.12 min Scan# 813

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:	146	Resp:	209018
Ion Ratio	Lower	Upper	
146	100		
148	62.6	50.6	75.8
111	43.0	36.0	54.0





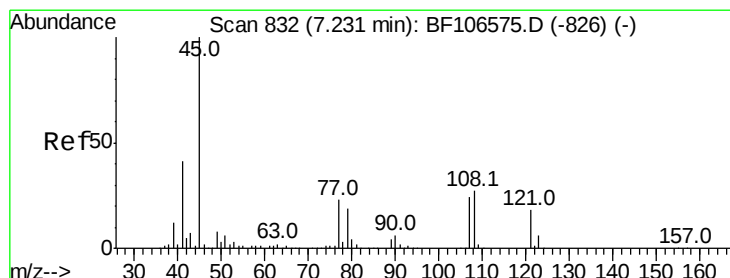
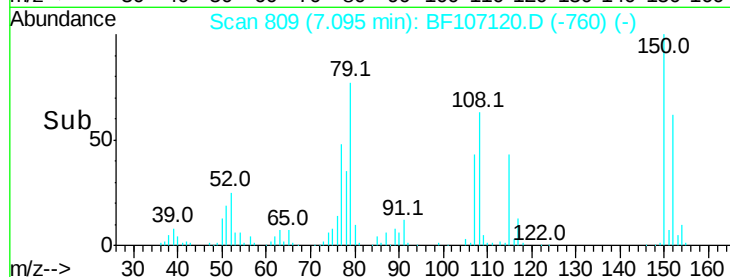
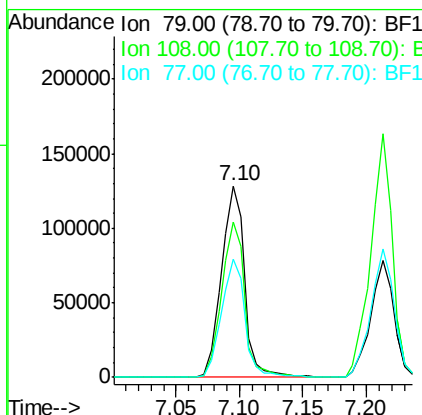
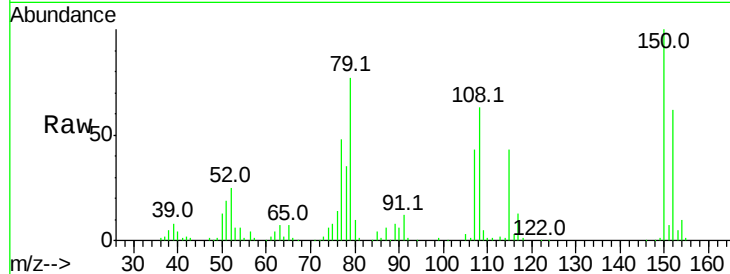
#15
Benzyl Alcohol
Concen: 33.842 ng
RT: 7.10 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	81.0	65.1	97.7
77	61.9	50.6	75.8

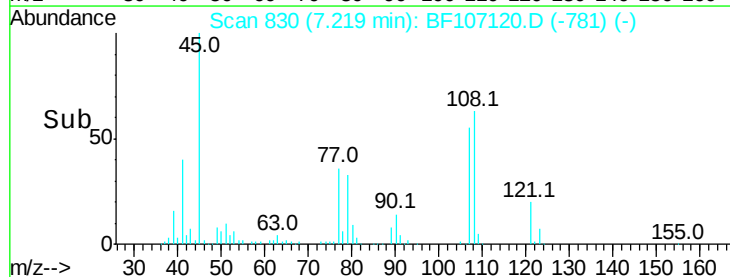
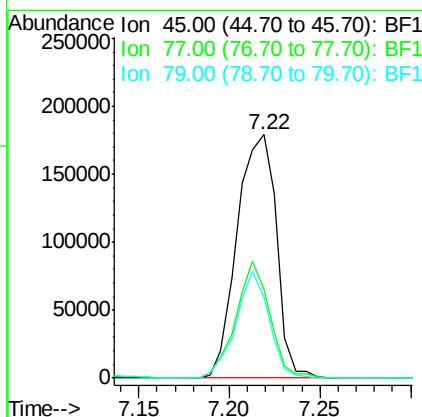
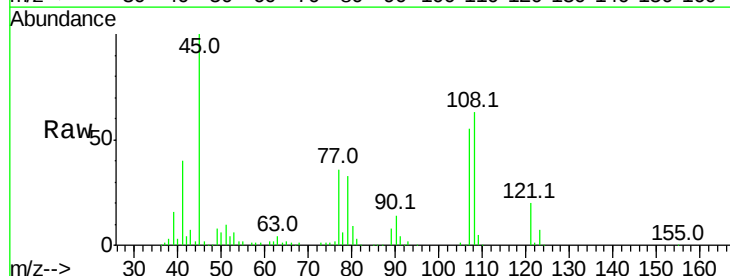
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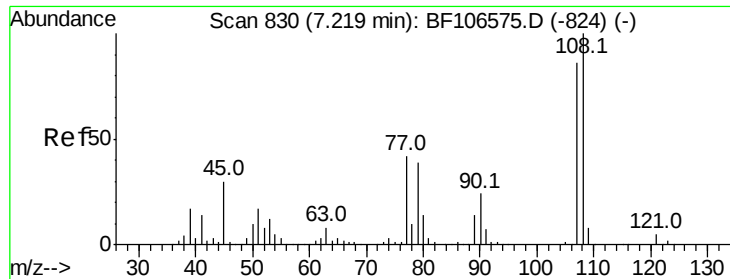
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.246 ng
RT: 7.22 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	36.4	0.0	32.9#
79	33.1	0.0	29.6#





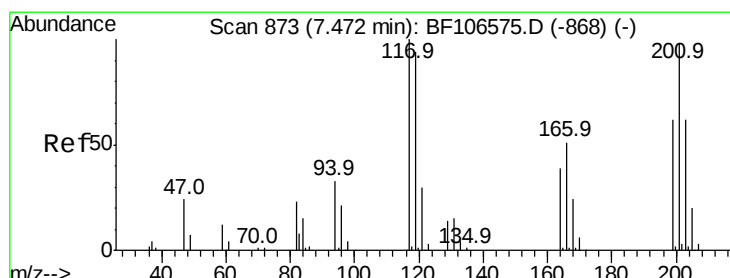
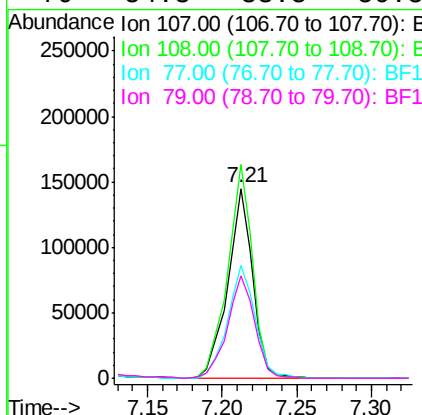
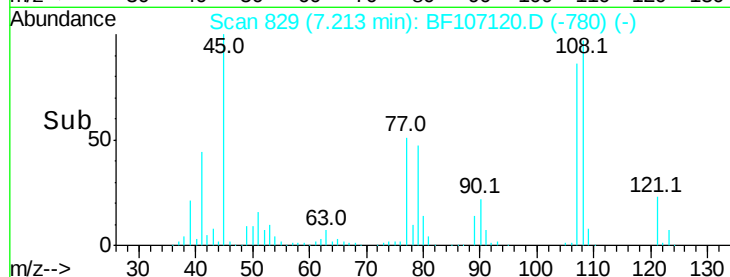
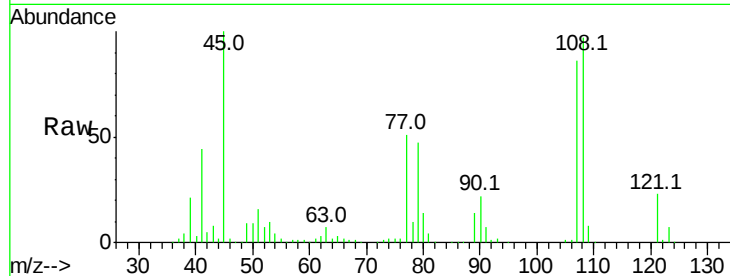
#17
2-Methylphenol
Concen: 37.870 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleID :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.6	91.7	137.5
77	59.1	33.8	50.8#
79	54.3	33.8	50.8#

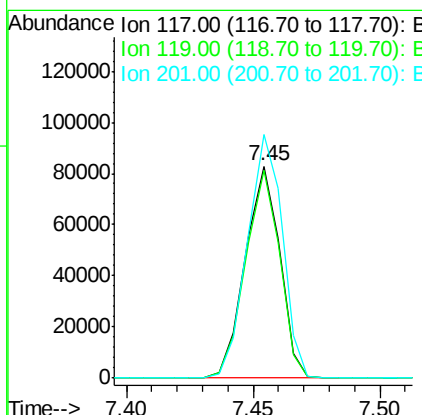
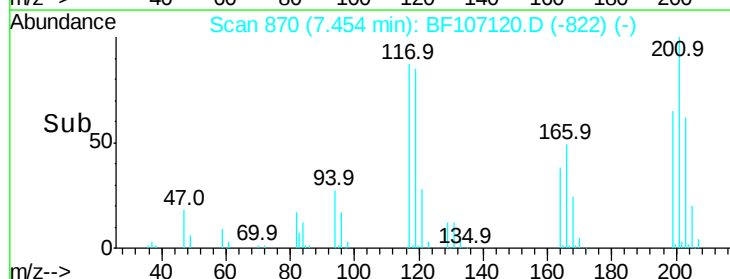
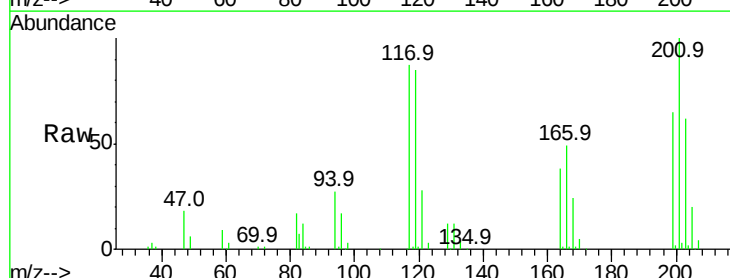
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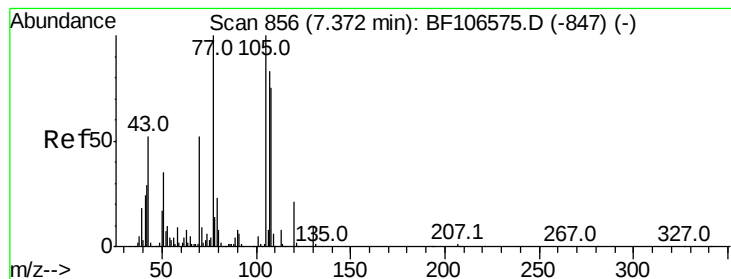
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#18
Hexachloroethane
Concen: 35.924 ng
RT: 7.45 min Scan# 870
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.0	75.8	113.8
201	114.9	75.7	113.5#





#19

n-Nitroso-di-n-propylamine

Concen: 33.742 ng

RT: 7.36 min Scan# 854

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

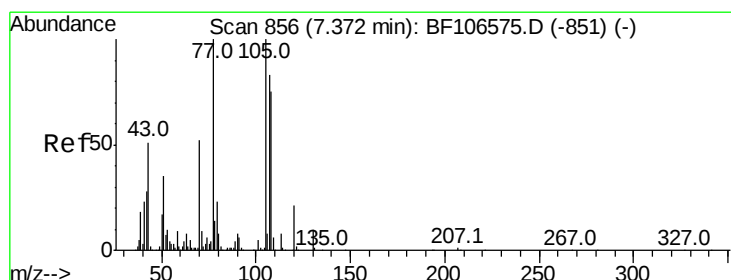
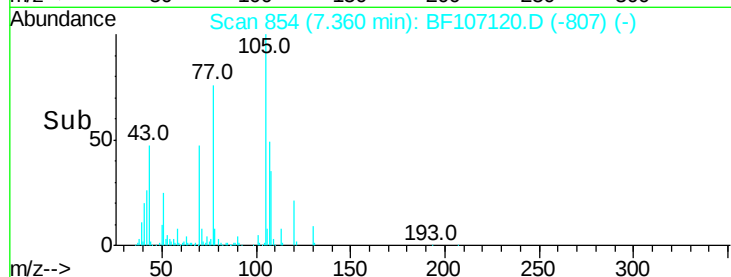
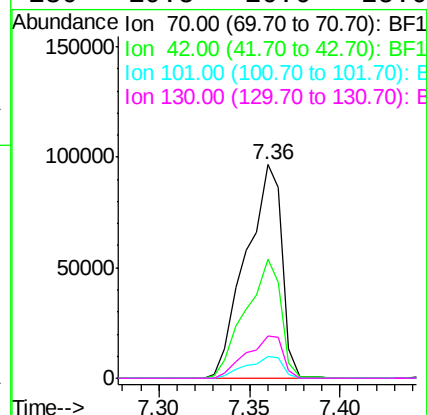
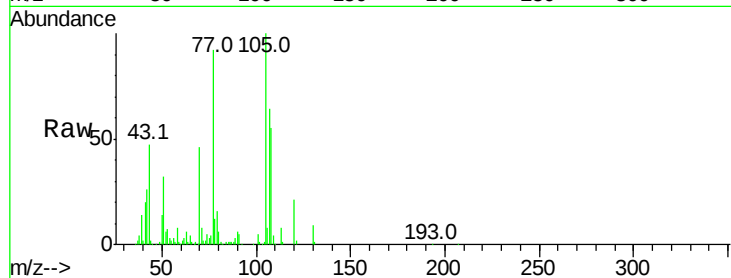
ClientSampleId :

PB110604BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.5	71.3
101	10.3	7.4	11.2
130	19.5	16.6	25.0

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#20

3+4-Methylphenols

Concen: 42.043 ng

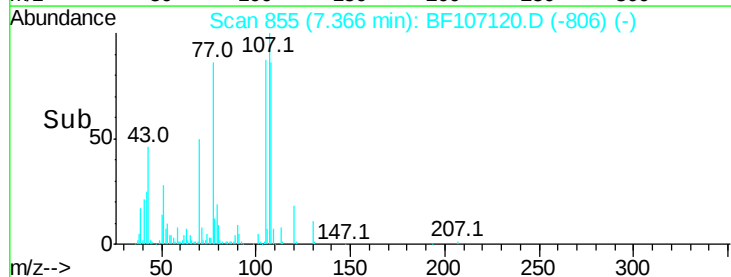
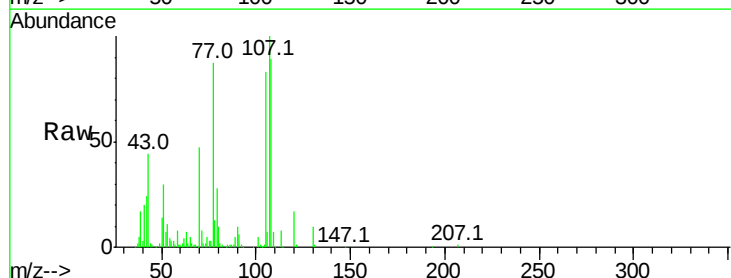
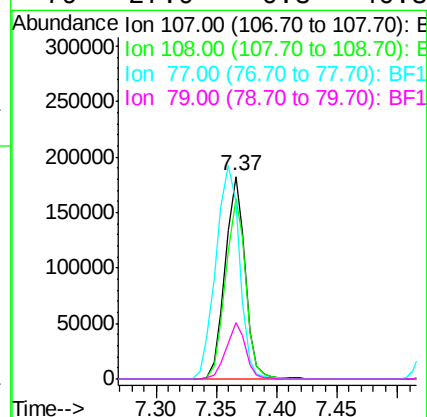
RT: 7.37 min Scan# 855

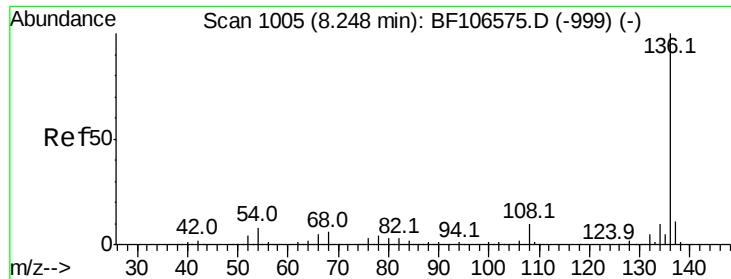
Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	87.2	26.7	66.7#
79	27.9	6.3	46.3





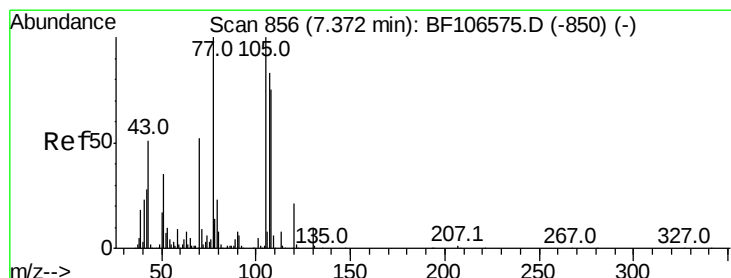
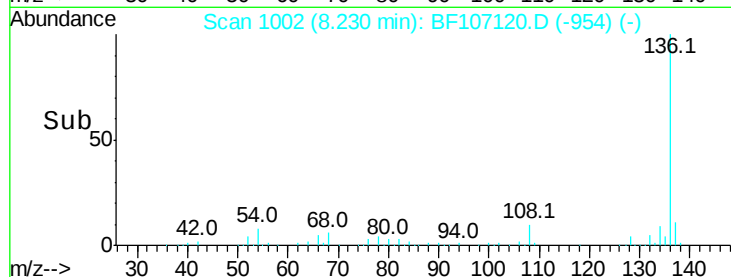
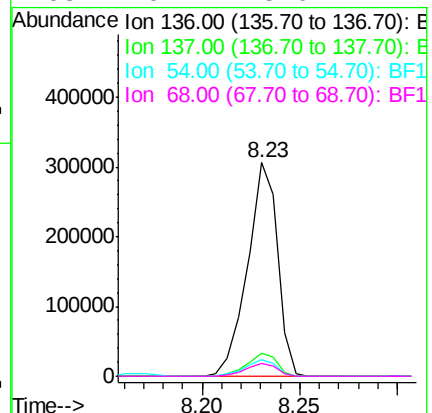
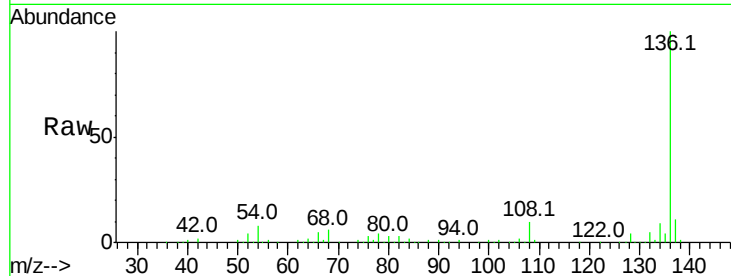
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1002
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.9	13.3	
54	8.1	6.6	9.8	
68	6.1	5.0	7.4	

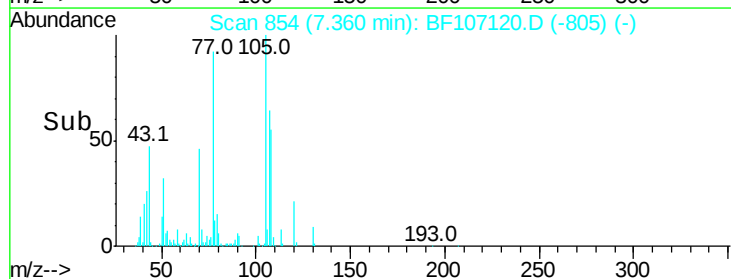
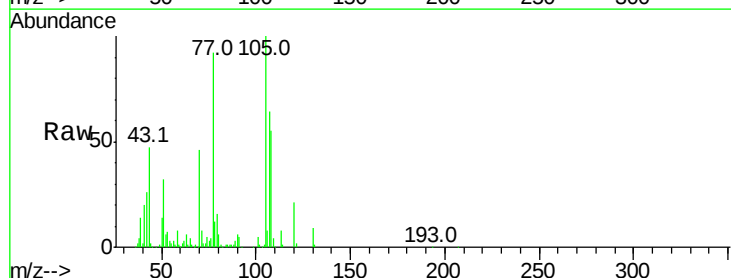
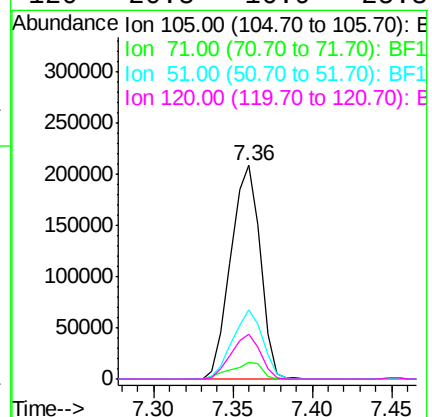
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#22
Acetophenone
Concen: 36.842 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	7.6	4.4	6.6#	
51	32.2	22.3	33.5	
120	20.8	16.9	25.3	





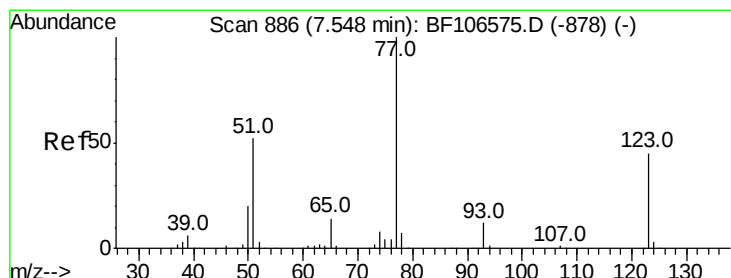
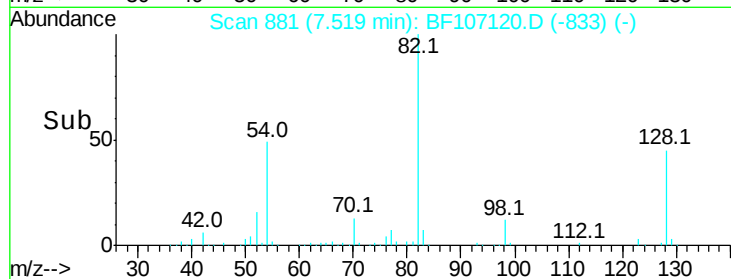
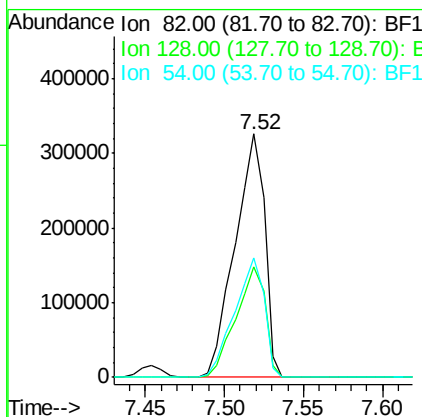
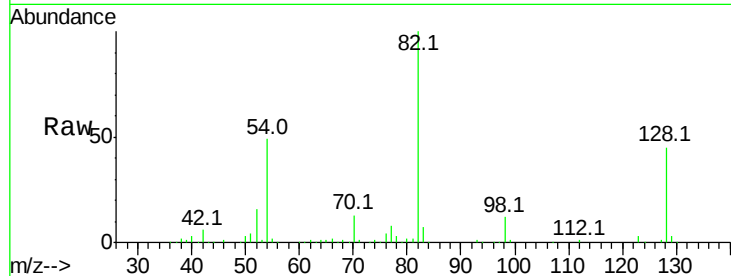
#23
 Nitrobenzene-d5
 Concen: 71.886 ng
 RT: 7.52 min Scan# 881
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	45.2	36.1	54.1	
54	48.8	41.4	62.2	

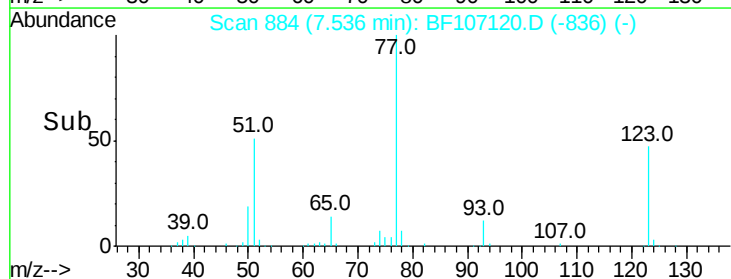
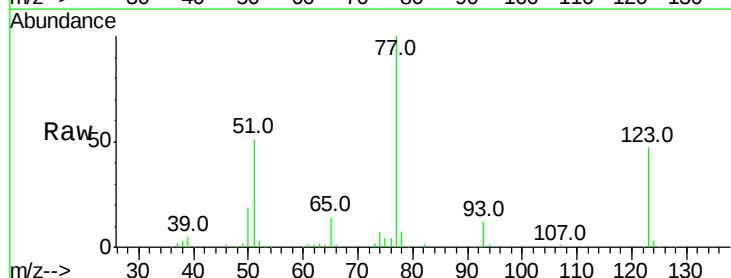
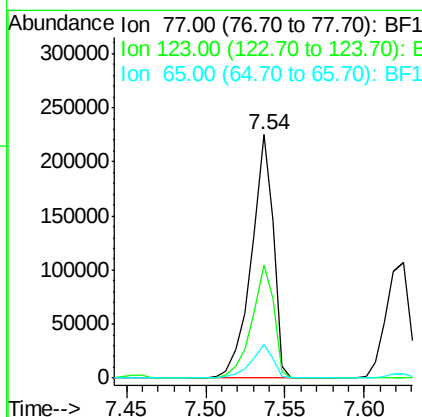
Manual Integrations
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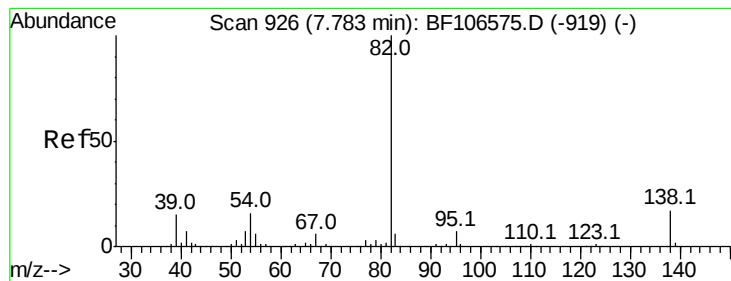
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#24
 Nitrobenzene
 Concen: 35.786 ng
 RT: 7.54 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	46.6	37.9	56.9	
65	13.7	11.0	16.4	





#25

Isophorone

Concen: 38.752 ng

RT: 7.77 min Scan# 924

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

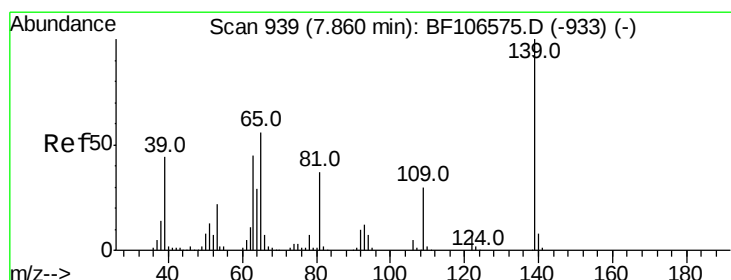
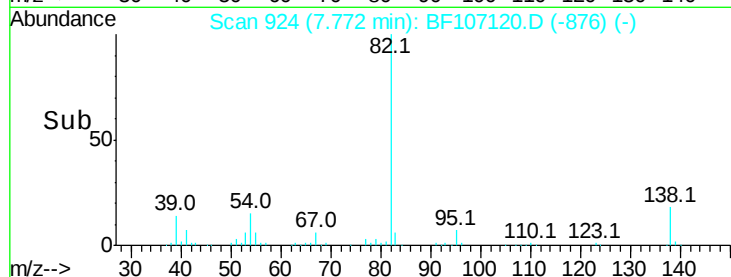
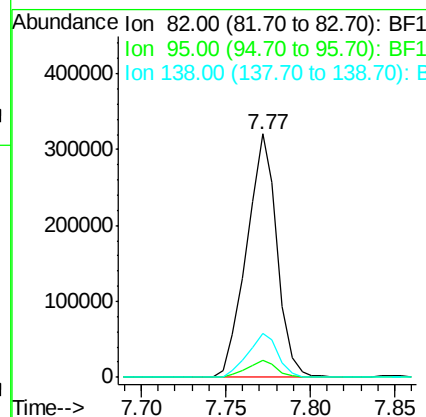
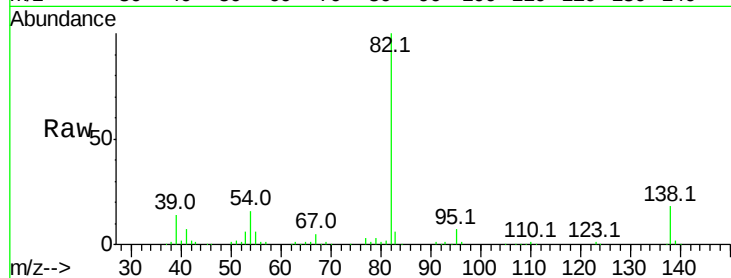
ClientSampleId :

PB110604BSD

Tot Ion:	82	Resp:	401629
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.2	7.8
138	18.1	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.421 ng

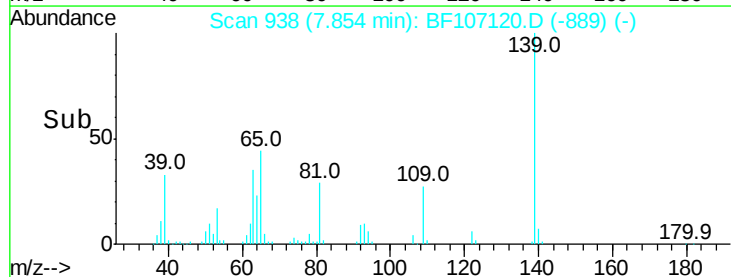
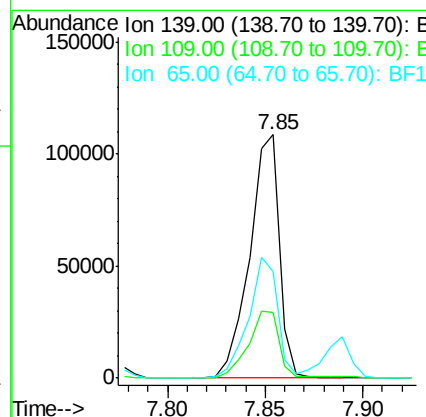
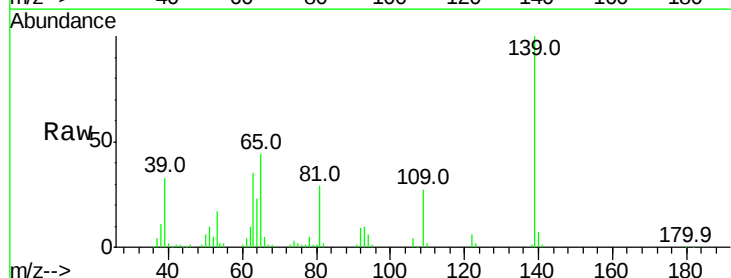
RT: 7.85 min Scan# 938

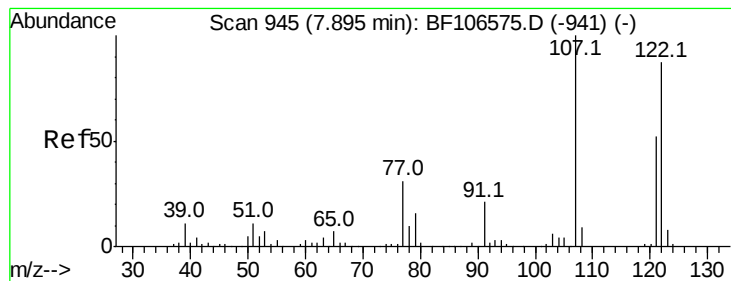
Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:	139	Resp:	114582
Ion Ratio		Lower	Upper
139	100		
109	27.0	22.7	34.1
65	43.9	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 44.800 ng

RT: 7.89 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

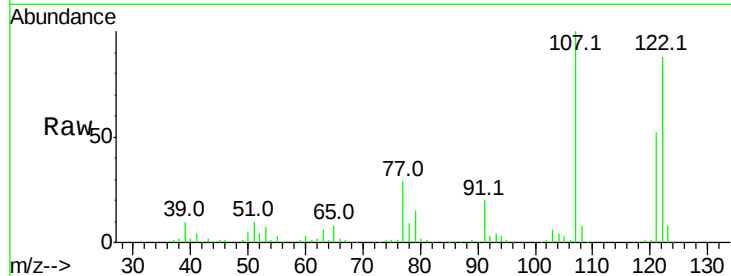
ClientSampleId :

PB110604BSD

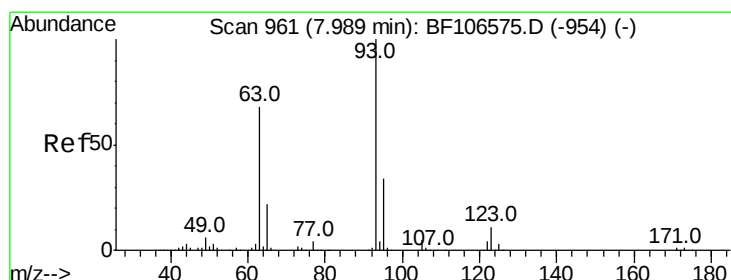
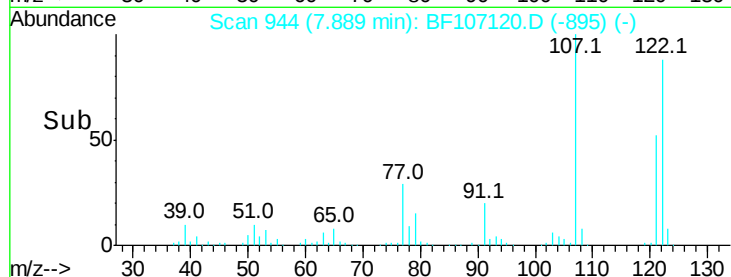
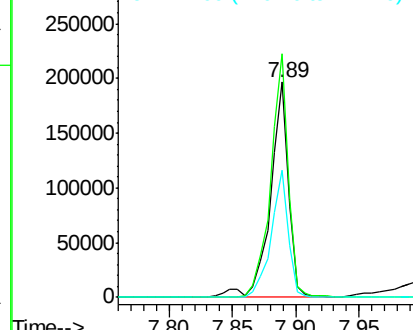
Tot Ion:	122	Resp:	196289
Ion Ratio	Lower	Upper	
122	100		
107	113.1	91.2	136.8
121	59.3	47.2	70.8

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 36.697 ng

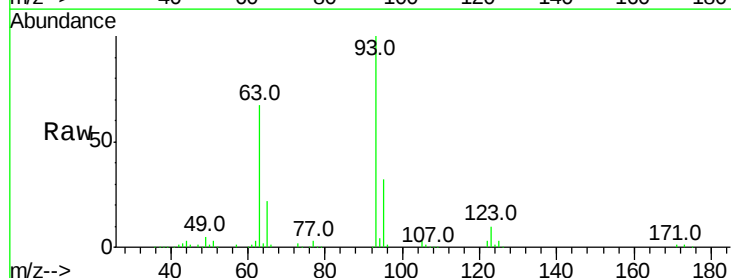
RT: 7.97 min Scan# 958

Delta R.T. -0.02 min

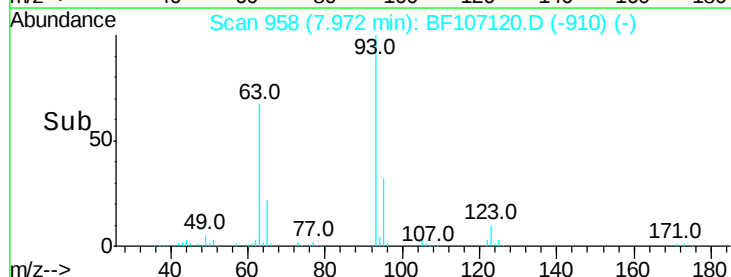
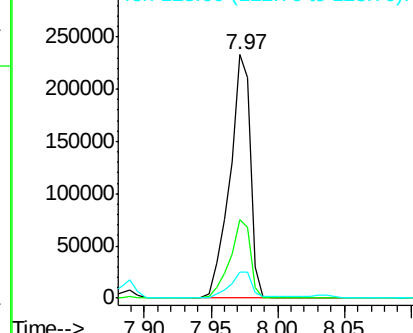
Lab File: BF107120.D

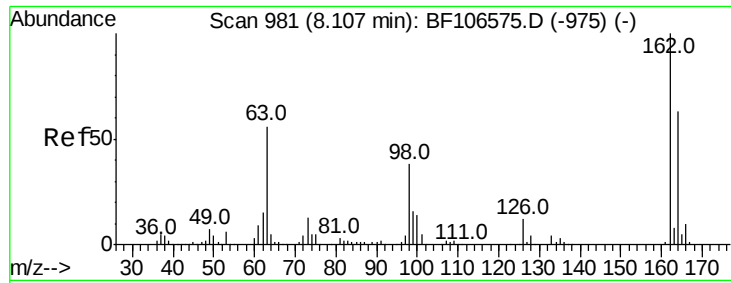
Acq: 5 Jul 2018 12:13

Tgt Ion:	93	Resp:	255365
Ion Ratio	Lower	Upper	
93	100		
95	32.3	26.3	39.5
123	10.4	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





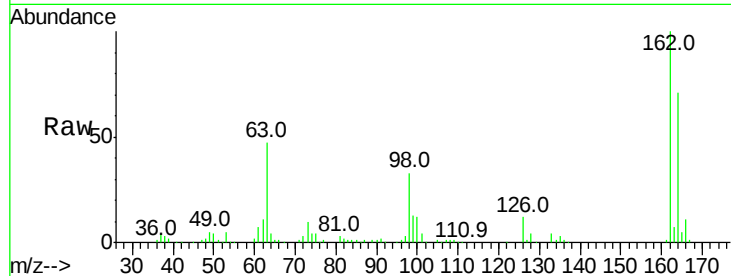
#29
 2,4-Dichlorophenol
 Concen: 40.842 ng
 RT: 8.10 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

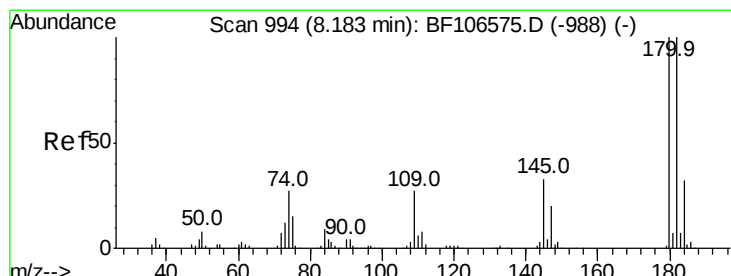
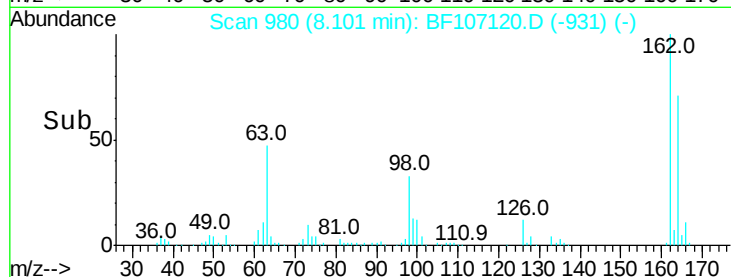
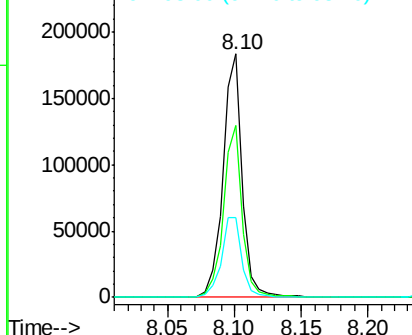
Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	70.9	42.7	82.7
98	32.8	18.1	58.1

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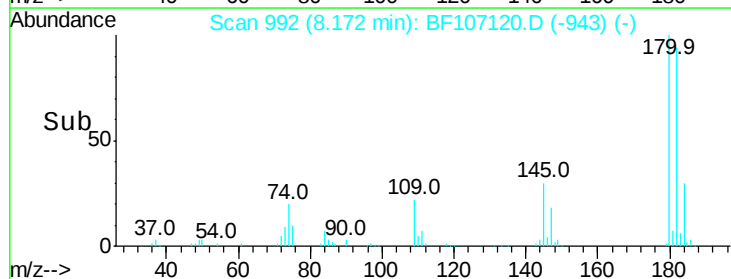
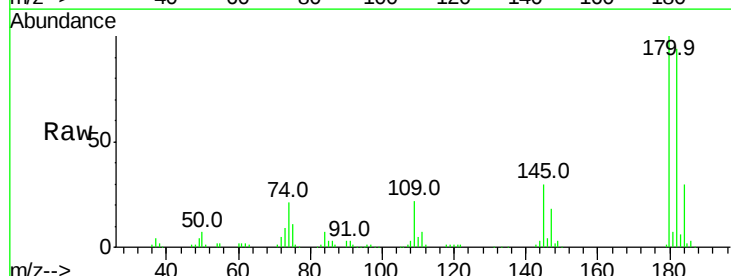
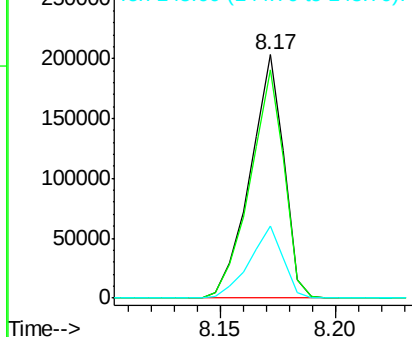
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

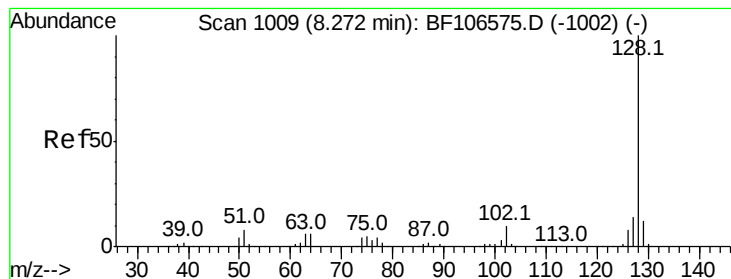


#30
 1,2,4-Trichlorobenzene
 Concen: 40.850 ng
 RT: 8.17 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	93.9	76.8	115.2
145	29.5	26.5	39.7

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





#31

Naphthalene

Concen: 37.909 ng

RT: 8.25 min Scan# 1006

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

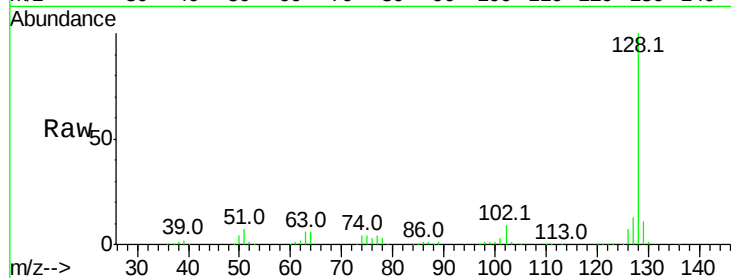
ClientSampleId :

PB110604BSD

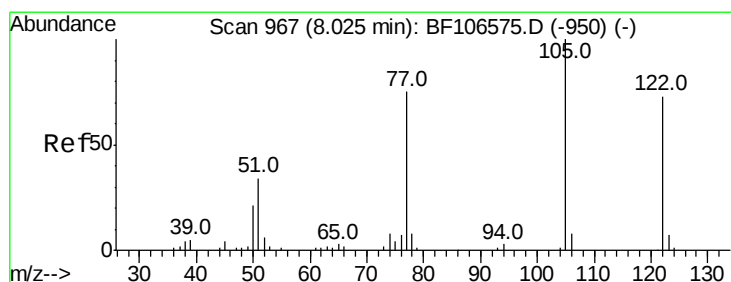
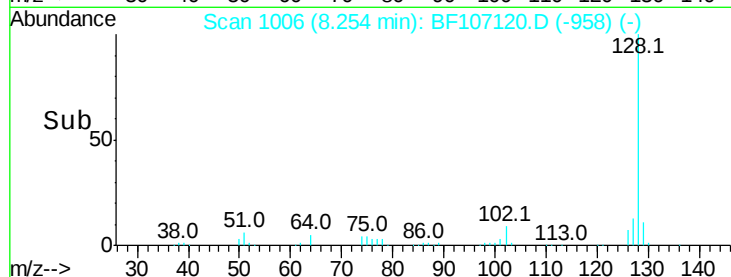
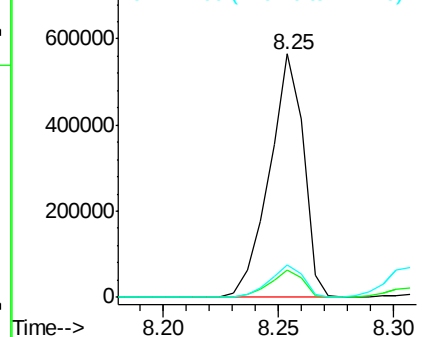
Tot Ion:	128	Resp:	579307
Ion Ratio	Lower	Upper	
128	100		
129	11.4	8.8	13.2
127	13.4	10.9	16.3

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



#32

Benzoic acid

Concen: 31.924 ng

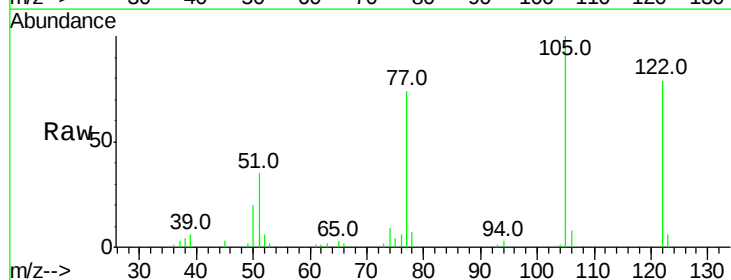
RT: 8.04 min Scan# 969

Delta R.T. -0.01 min

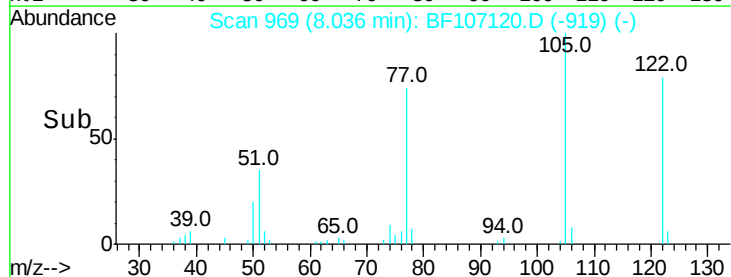
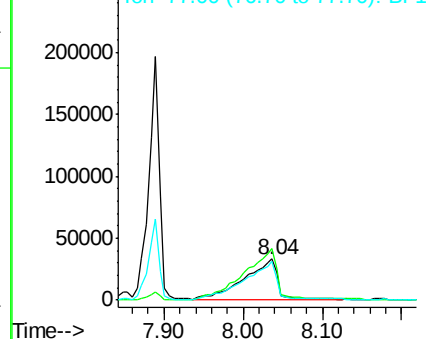
Lab File: BF107120.D

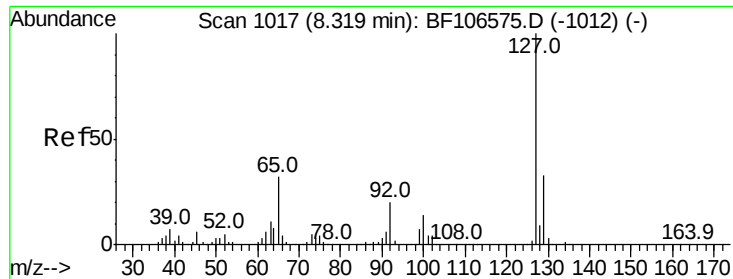
Acq: 5 Jul 2018 12:13

Tgt Ion:	122	Resp:	94794
Ion Ratio	Lower	Upper	
122	100		
105	126.7	101.1	141.1
77	93.8	70.7	110.7



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





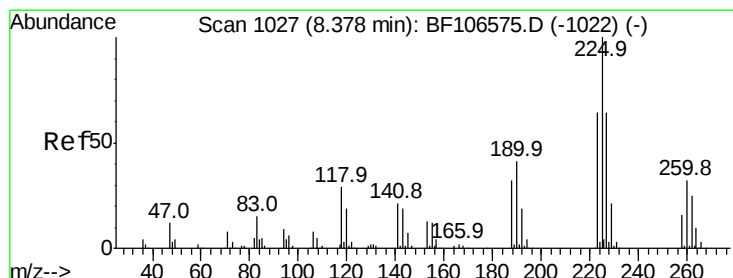
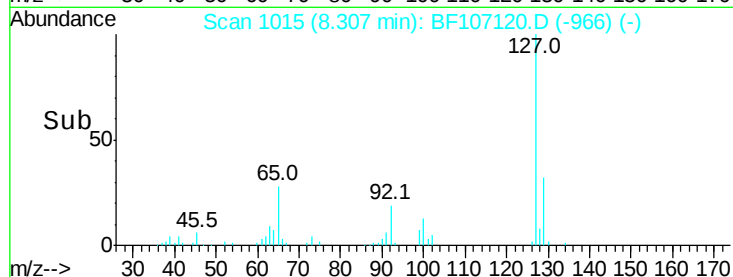
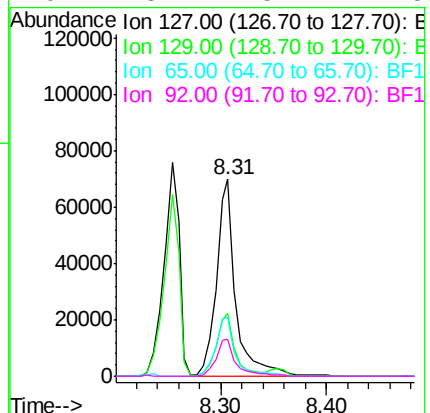
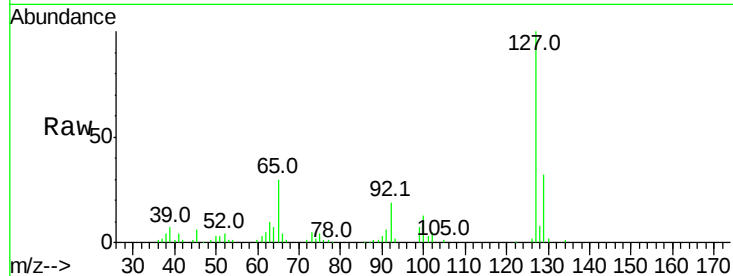
#33
4-Chloroaniline
Concen: 14.128 ng
RT: 8.31 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.0	25.9	38.9	
65	29.8	25.0	37.4	
92	18.7	15.2	22.8	

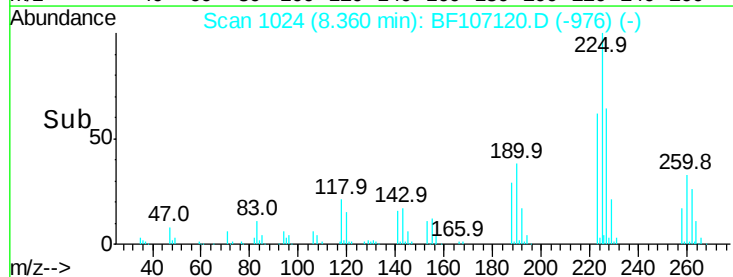
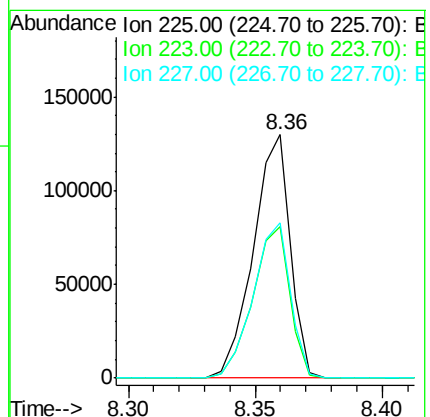
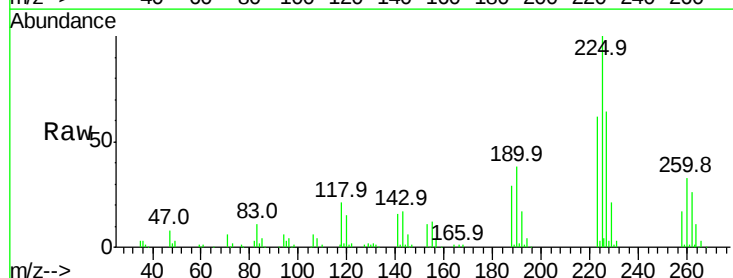
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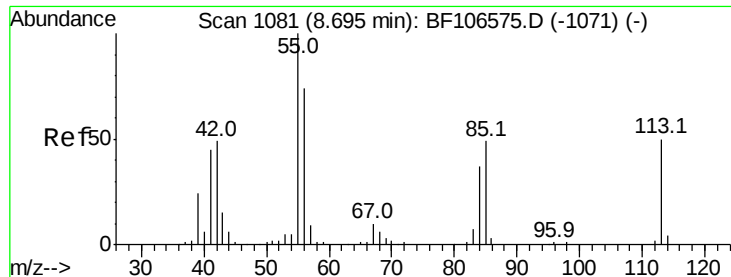
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#34
Hexachlorobutadiene
Concen: 40.063 ng
RT: 8.36 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.3	50.6	76.0	
227	63.6	51.9	77.9	





#35

Caprolactam

Concen: 39.678 ng/mL

RT: 8.70 min Scan# 1081

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tot Ion:113 Resp: 59328

Ion Ratio Lower Upper

113 100

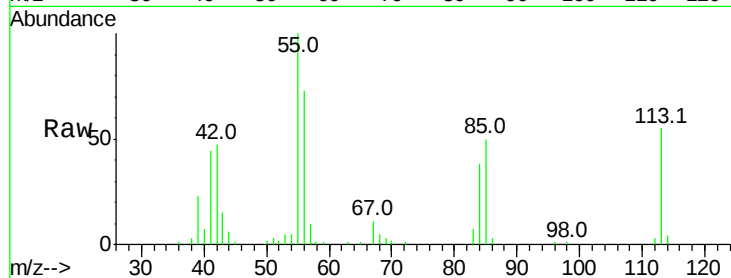
55 180.7 163.3 203.3

56 132.3 115.7 155.7

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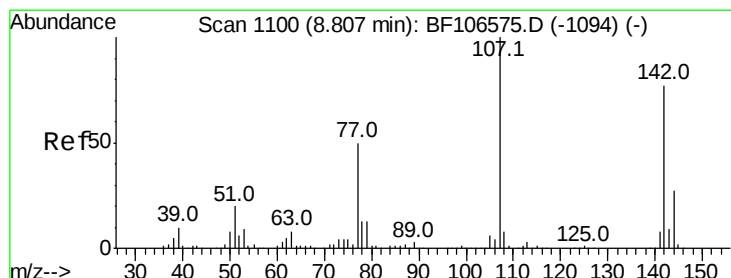
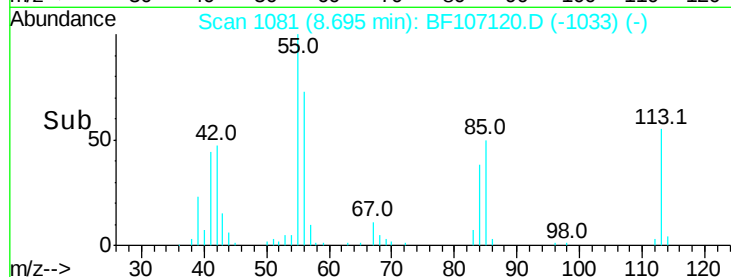
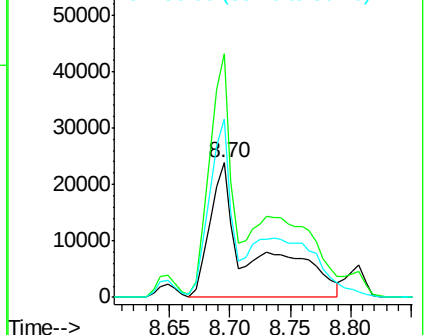
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 41.175 ng/mL

RT: 8.81 min Scan# 1100

Delta R.T. -0.00 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

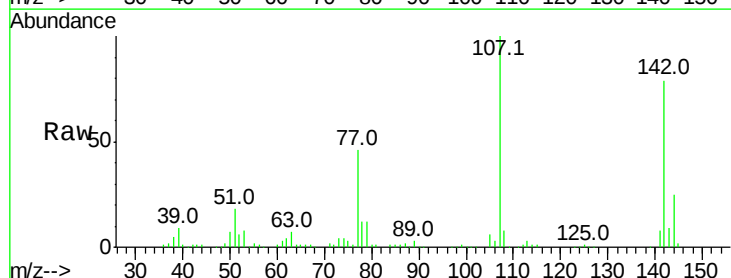
Tgt Ion:107 Resp: 198803

Ion Ratio Lower Upper

107 100

144 25.1 20.5 30.7

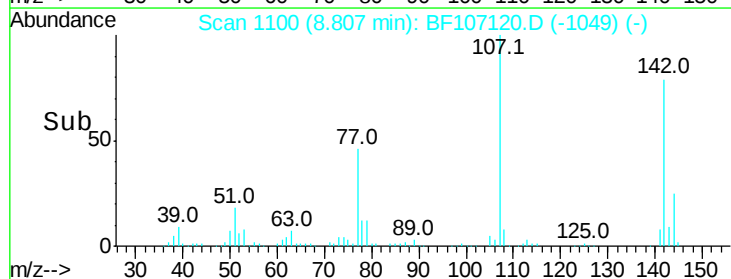
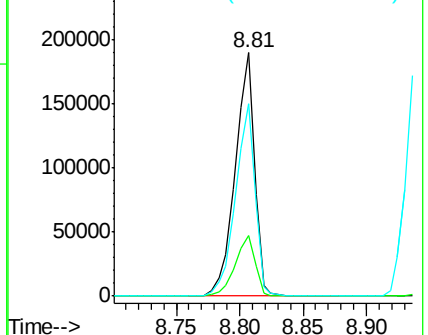
142 79.0 62.0 93.0

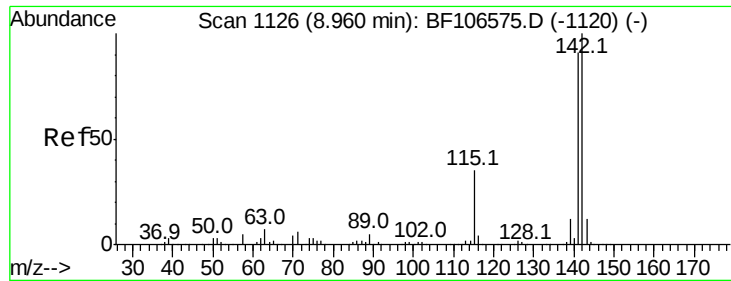


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





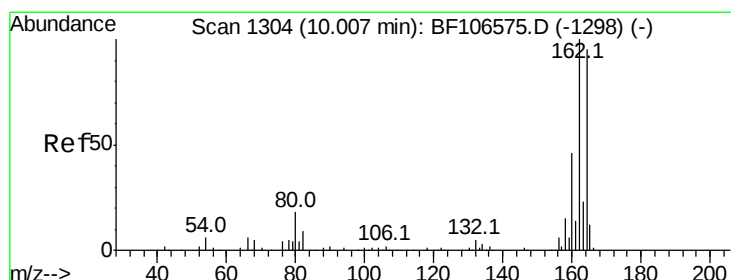
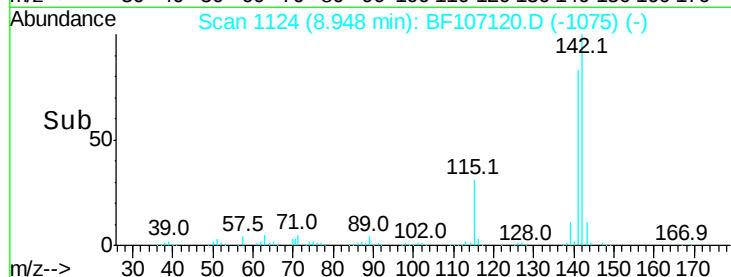
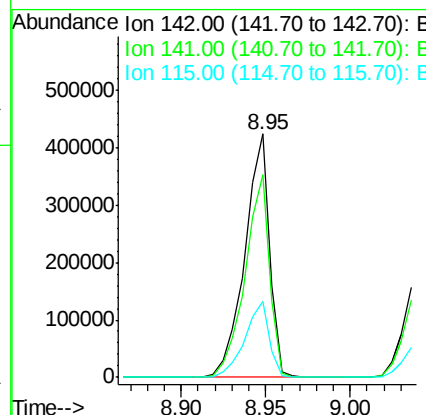
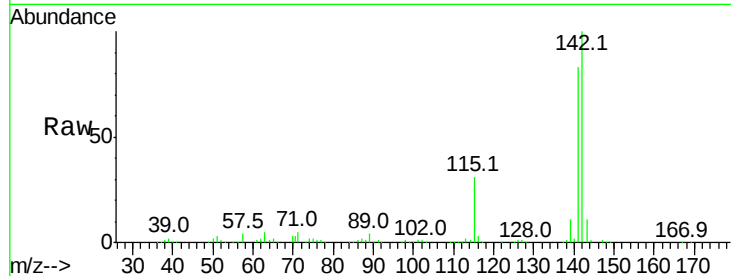
#37
2-Methylnaphthalene
Concen: 42.780 ng
RT: 8.95 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	83.3	70.8	106.2
115	31.0	26.1	39.1

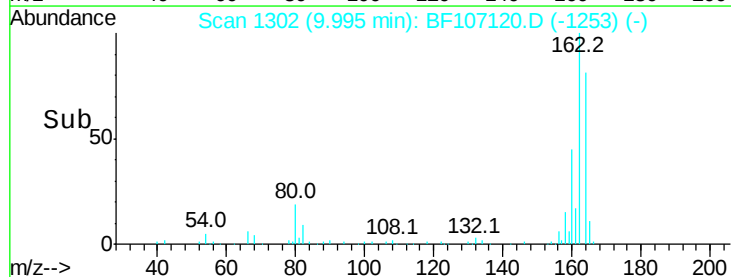
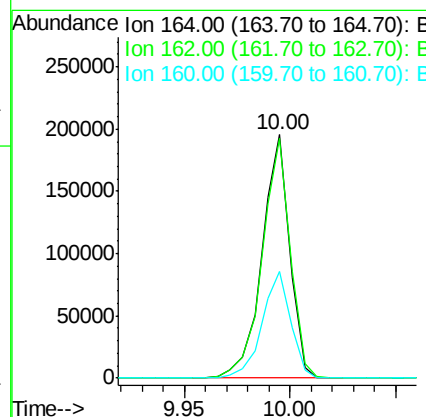
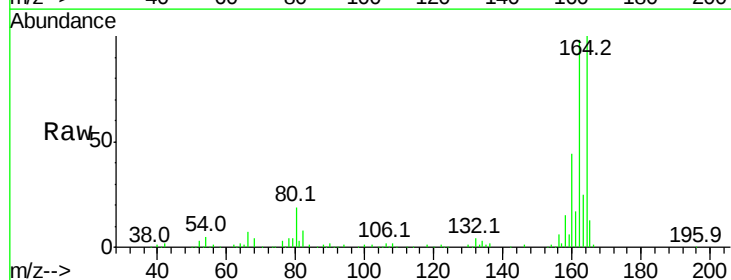
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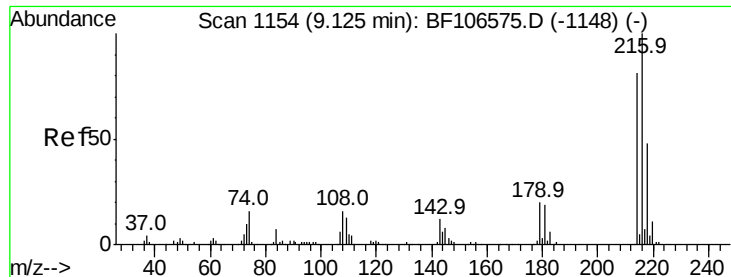
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.4	86.1	129.1
160	44.0	38.3	57.5





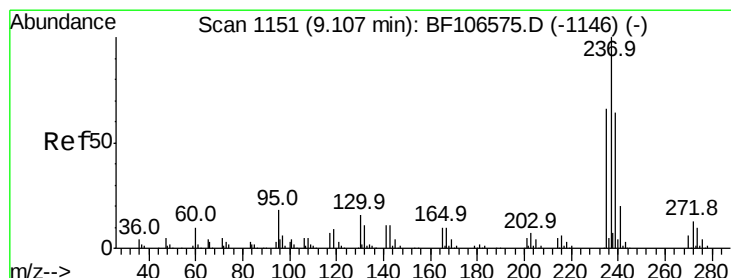
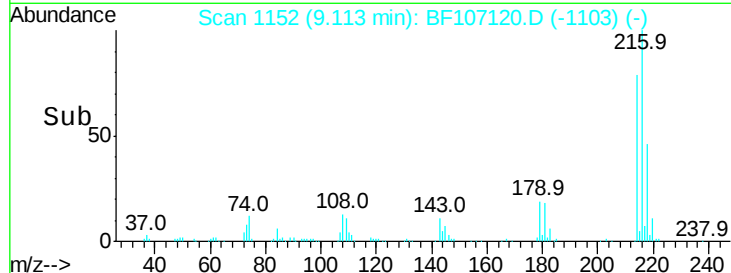
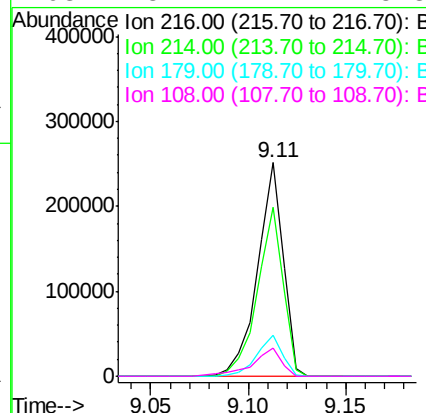
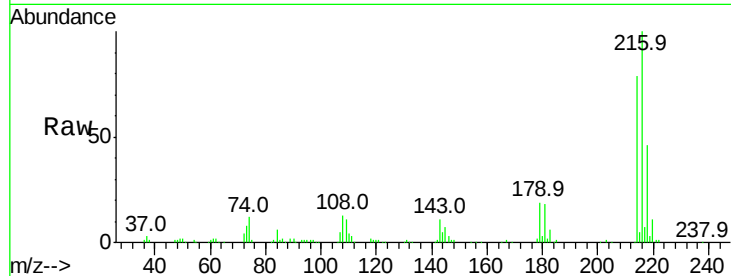
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 38.101 ng
 RT: 9.11 min Scan# 1152
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.2	63.0	94.4
179	19.1	18.1	27.1
108	15.2	17.2	25.8

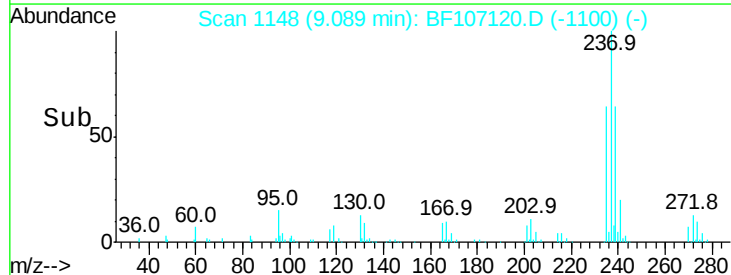
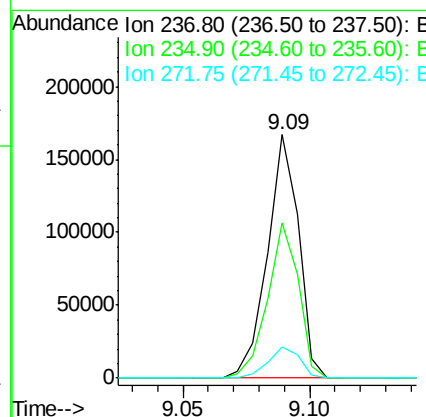
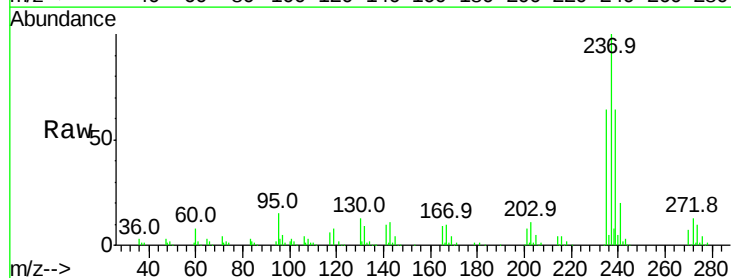
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#40
 Hexachlorocyclopentadiene
 Concen: 46.737 ng
 RT: 9.09 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	63.6	44.8	84.8
272	12.9	0.0	33.3





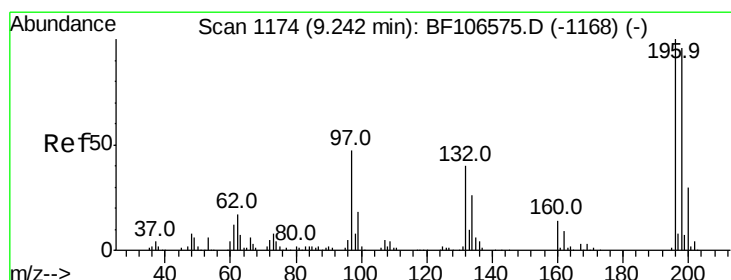
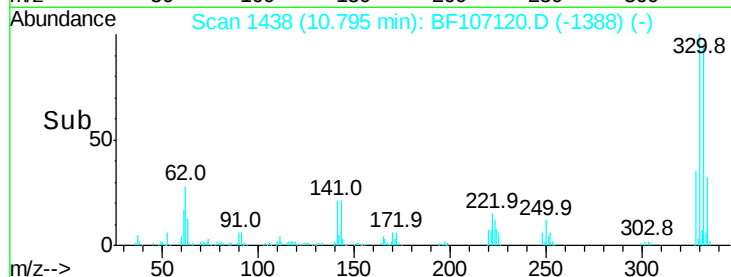
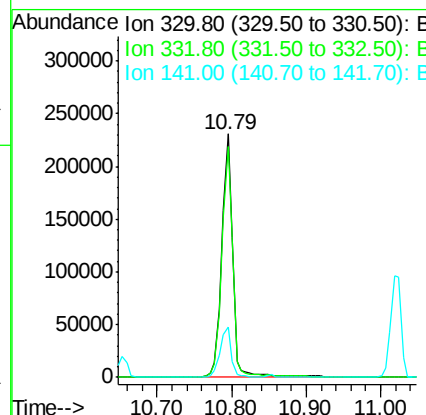
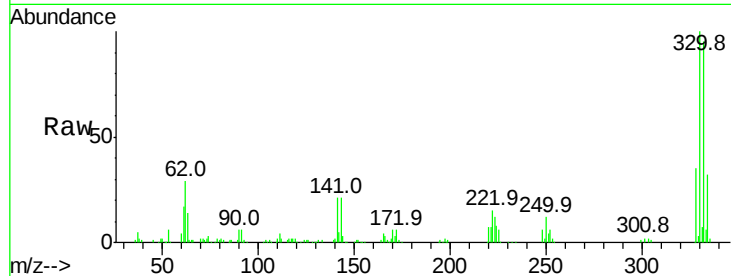
#41
 2,4,6-Tribromophenol
 Concen: 114.287 ng
 RT: 10.79 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	77.0	115.6	
141	21.2	29.9	44.9	

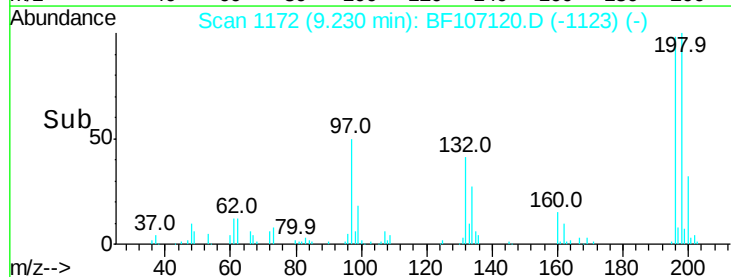
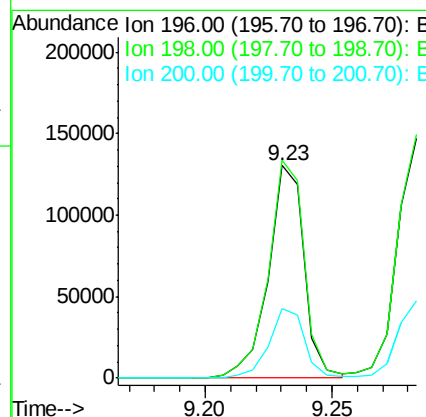
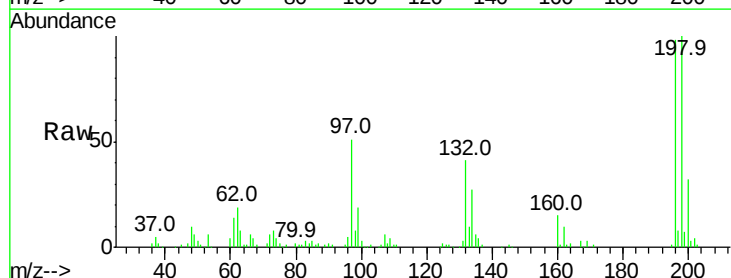
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#42
 2,4,6-Trichlorophenol
 Concen: 32.501 ng
 RT: 9.23 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	102.5	75.7	113.5	
200	32.7	24.5	36.7	





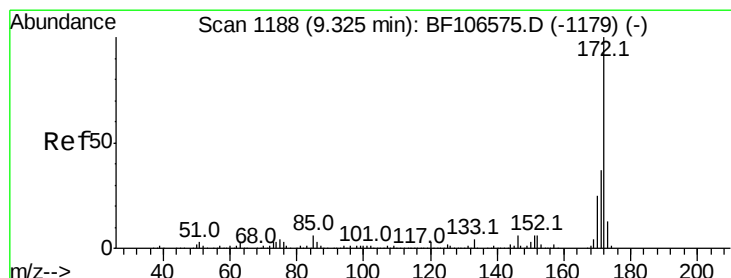
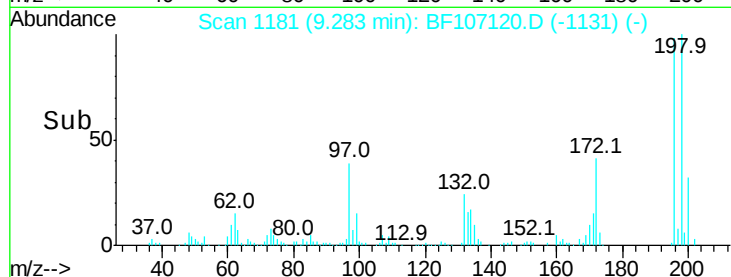
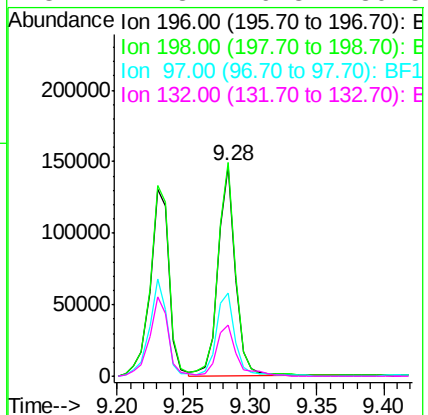
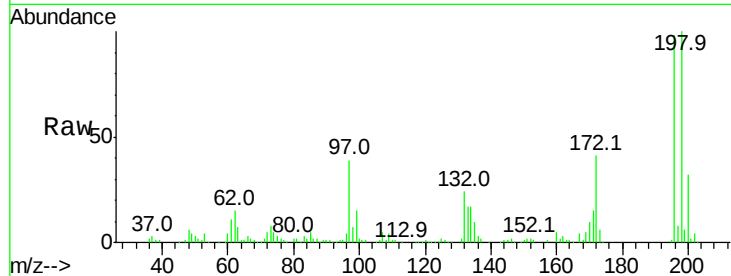
#43
 2,4,5-Trichlorophenol
 Concen: 32.518 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100			
198	101.6	74.6	112.0	
97	39.6	42.9	64.3	
132	24.3	26.3	39.5	

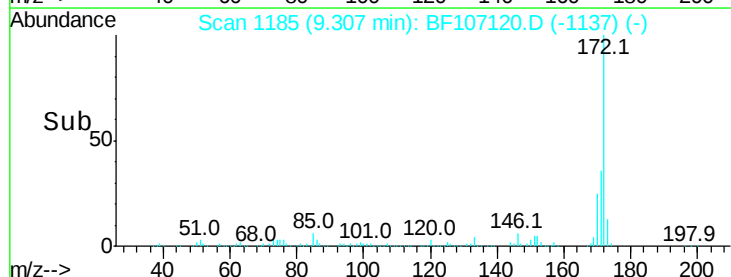
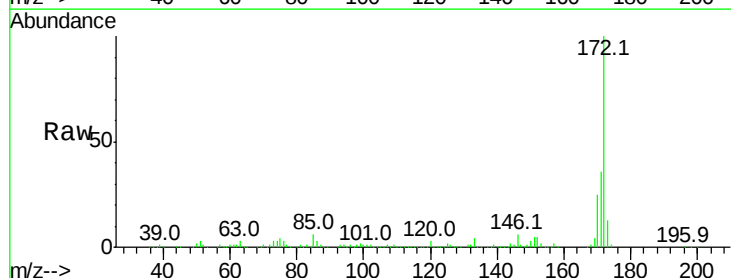
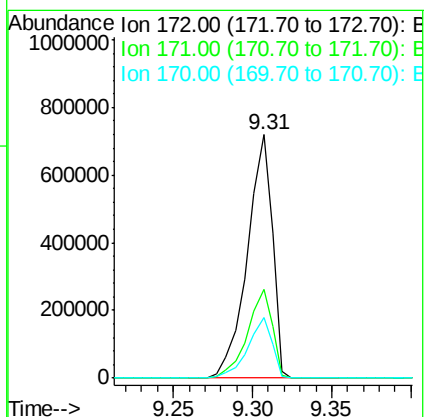
Manual Integrations
 APPROVED

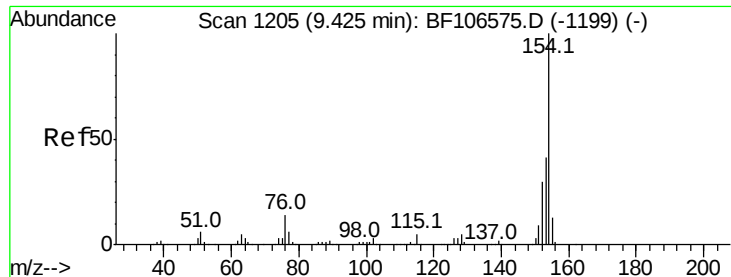
Sohil
 7/6/2018 8:44:57 AM



#44
 2-Fluorobiphenyl
 Concen: 72.539 ng
 RT: 9.31 min Scan# 1185
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	36.5	29.7	44.5	
170	24.8	19.6	29.4	





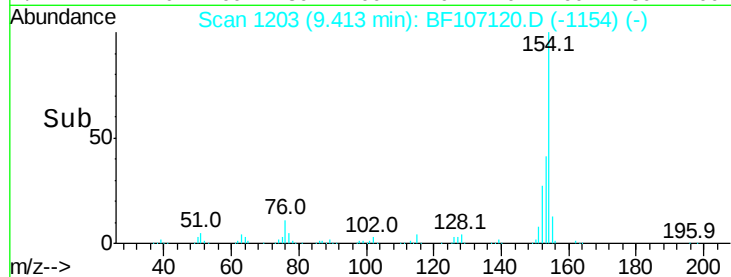
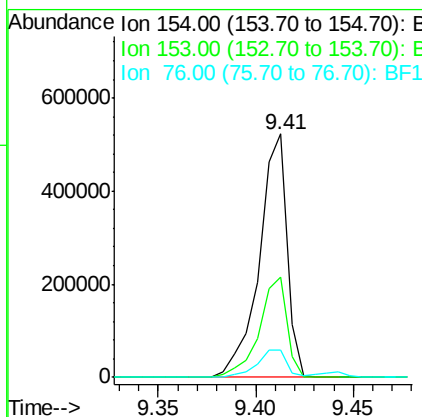
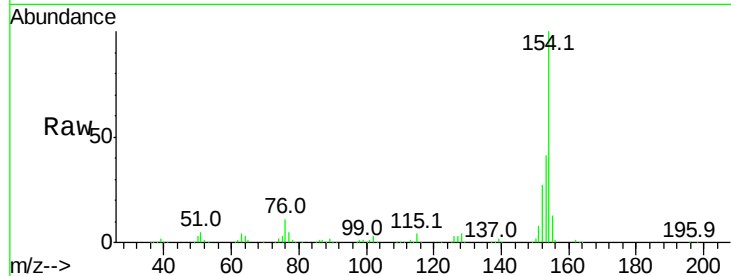
#45
 1,1'-Biphenyl
 Concen: 36.547 ng
 RT: 9.41 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp Lower	Upper
154	100		
153	41.0	21.3	61.3
76	11.1	0.0	34.0

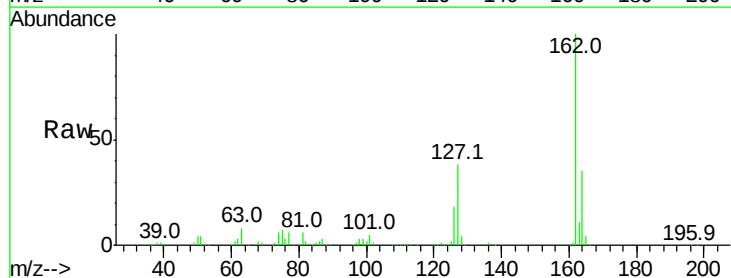
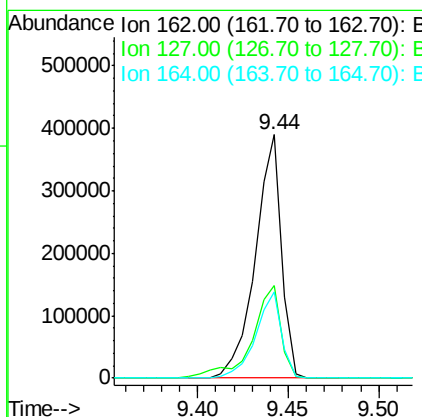
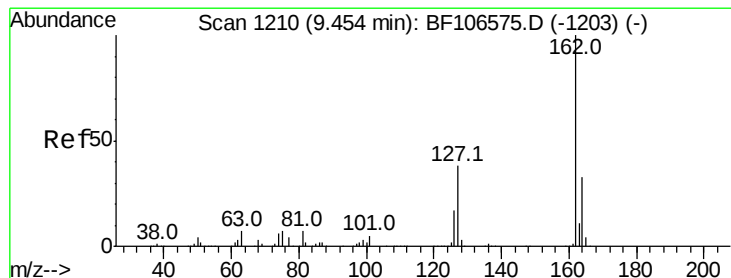
Manual Integrations
 APPROVED

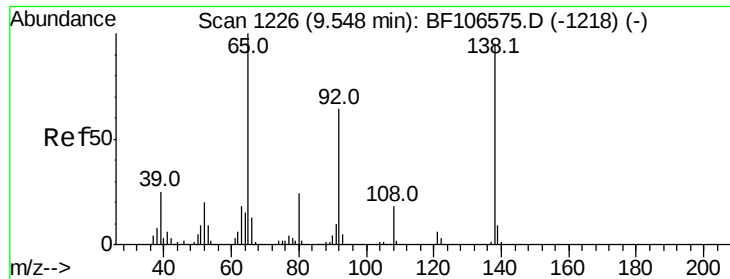
Sohil
 7/6/2018 8:44:57 AM



#46
 2-Chloronaphthalene
 Concen: 34.782 ng
 RT: 9.44 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Upper
162	100		
127	37.9	33.9	50.9
164	35.3	26.5	39.7





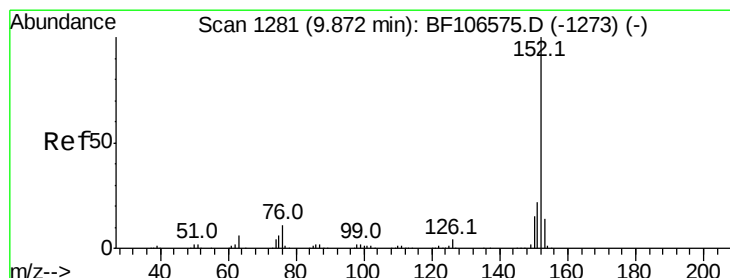
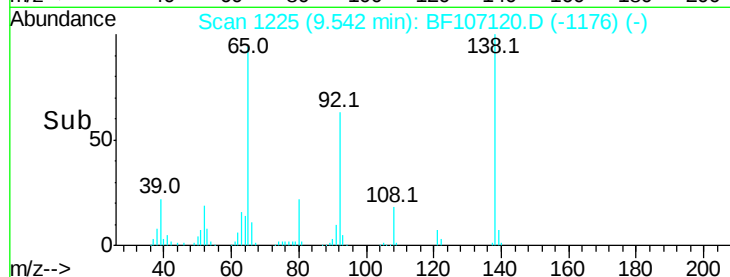
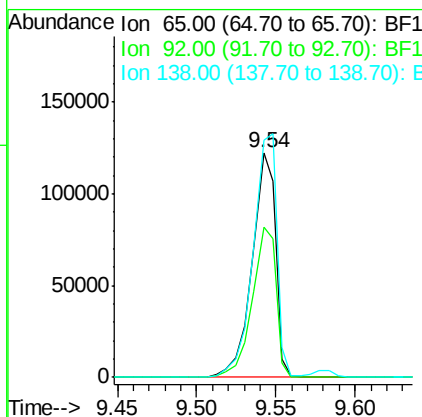
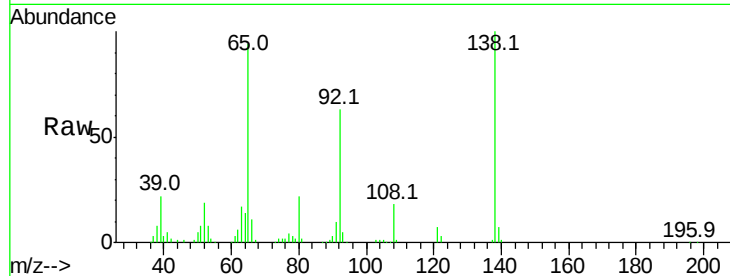
#47
2-Nitroaniline
Concen: 33.484 ng
RT: 9.54 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	105.9	91.2	136.8

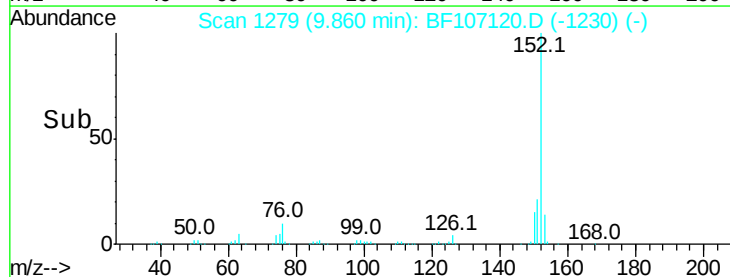
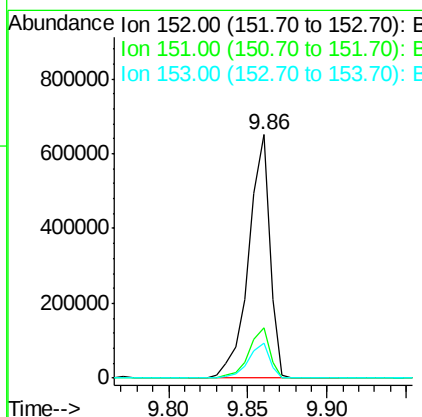
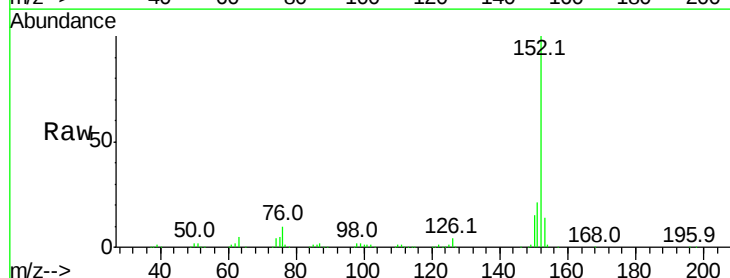
Manual Integrations
APPROVED

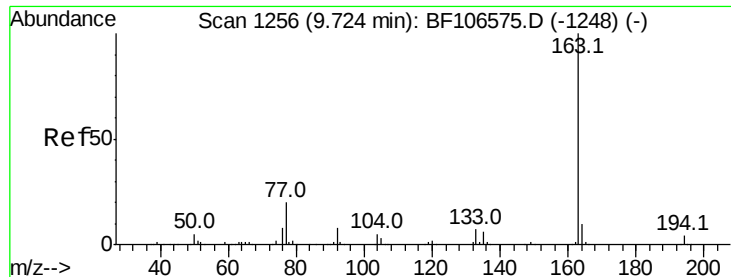
Sohil
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#48
Acenaphthylene
Concen: 34.141 ng
RT: 9.86 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.3	24.5
153	14.2	10.7	16.1





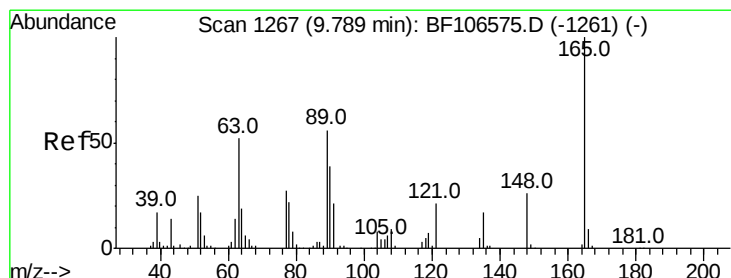
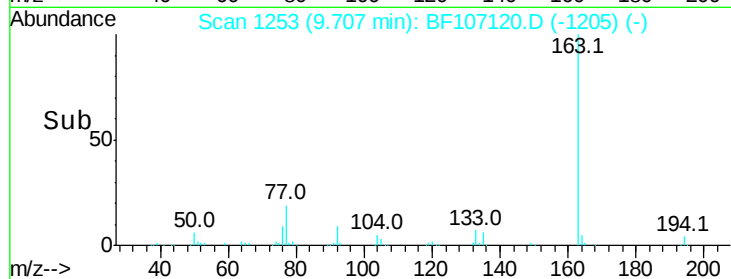
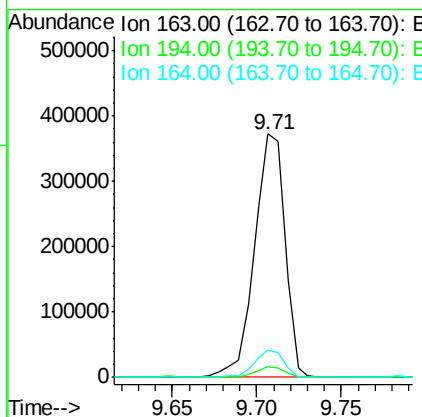
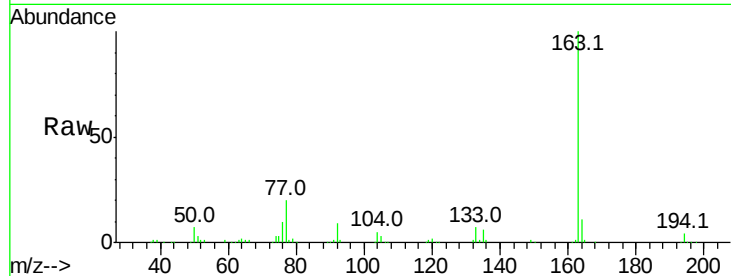
#49
 Dimethylphthalate
 Concen: 35.082 ng
 RT: 9.71 min Scan# 1253
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleID :
 PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.2	2.7	4.1#	
164	11.3	8.2	12.2	

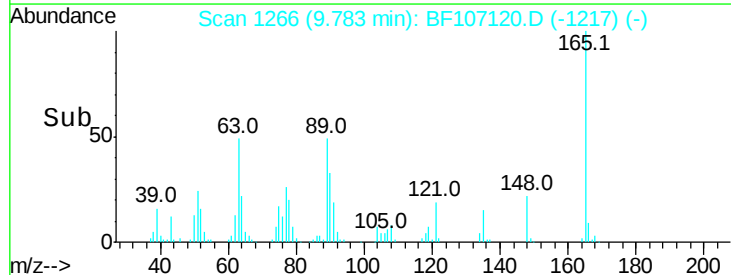
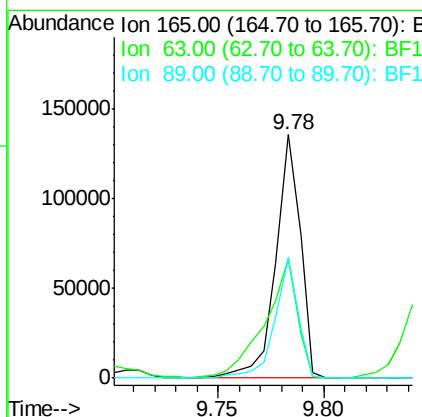
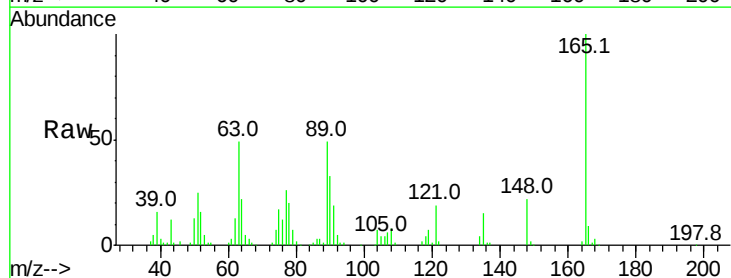
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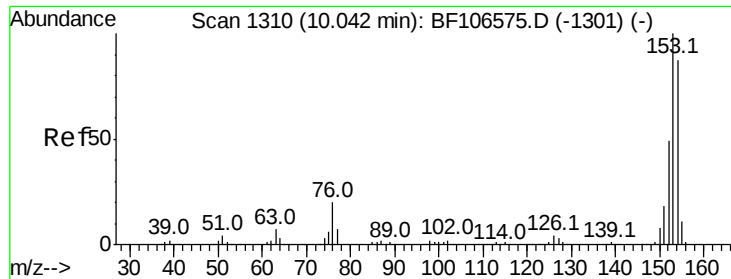
Sohil
 7/6/2018 8:44:57 AM



#50
 2,6-Dinitrotoluene
 Concen: 38.782 ng
 RT: 9.78 min Scan# 1266
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.1	44.7	67.1	
89	49.3	44.0	66.0	





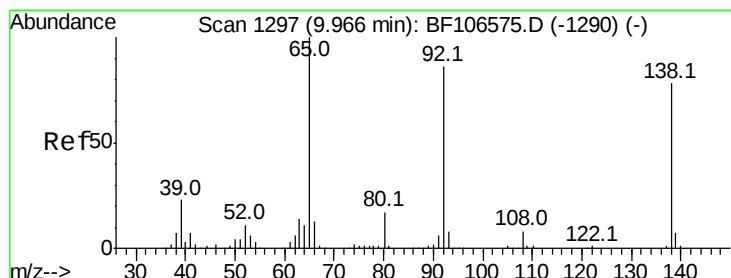
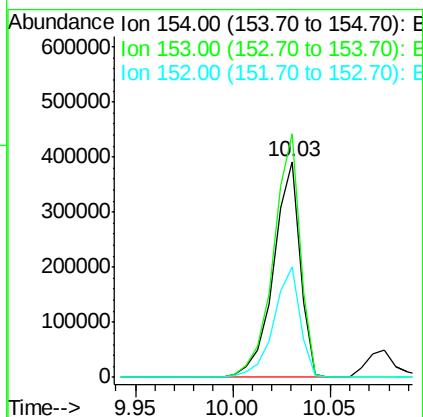
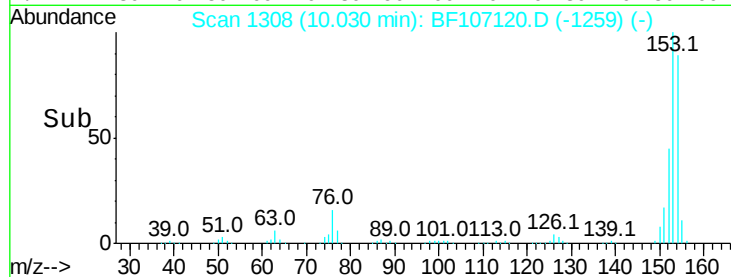
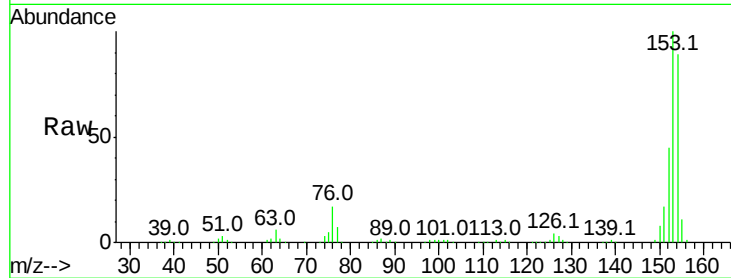
#51
Acenaphthene
Concen: 33.276 ng
RT: 10.03 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	91.2	136.8
152	51.1	43.8	65.8

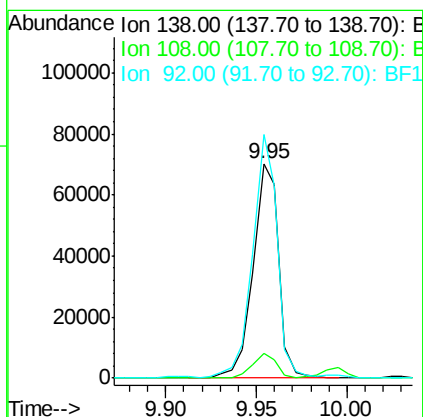
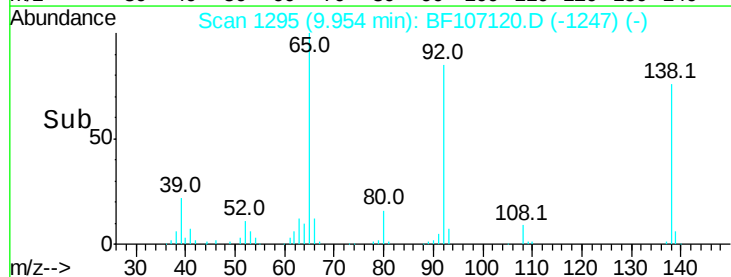
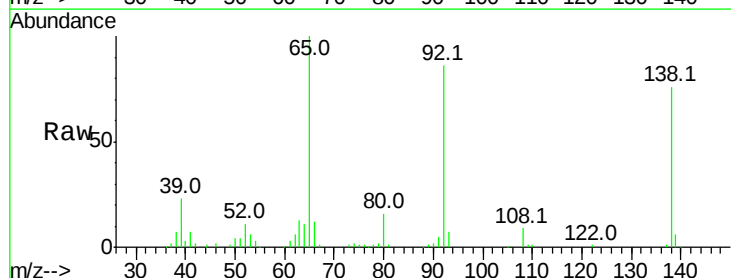
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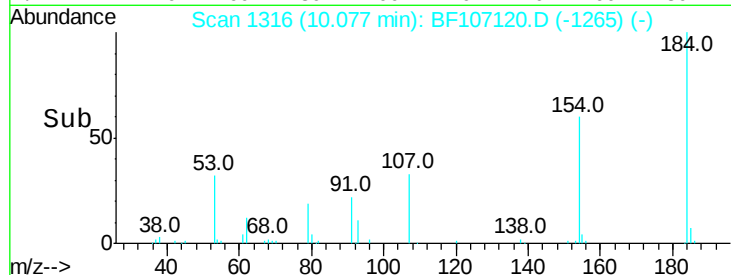
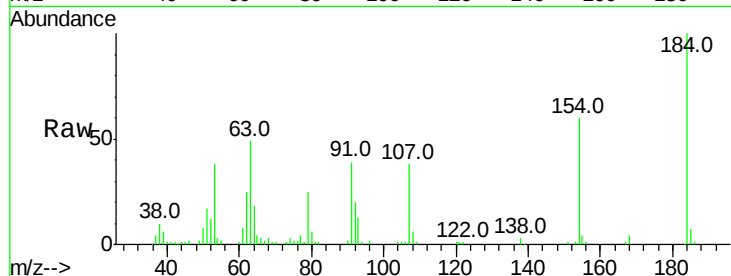
Sohil
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#52
3-Nitroaniline
Concen: 21.106 ng
RT: 9.95 min Scan# 1295
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.4	14.0
92	113.5	89.4	134.2





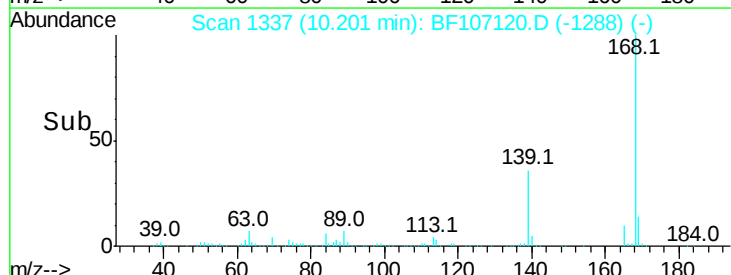
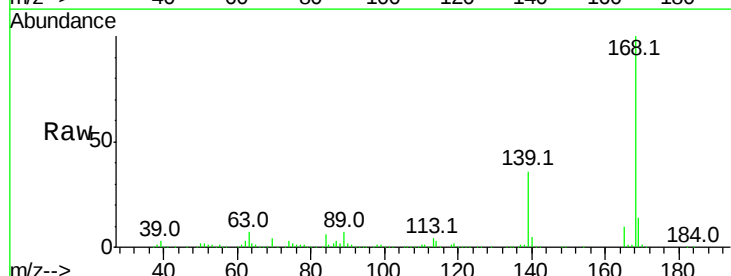
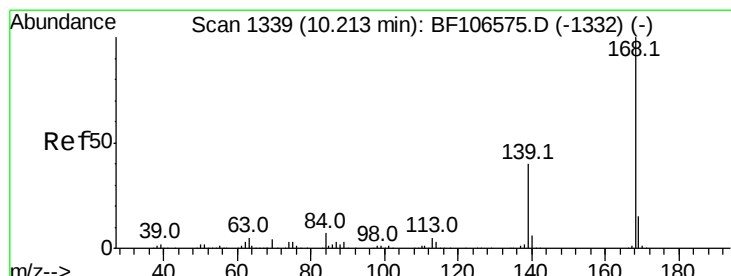
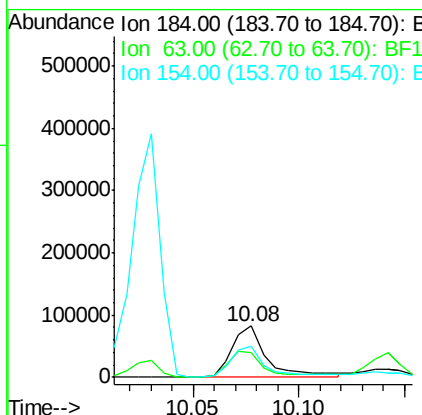
#53
2,4-Dinitrophenol
Concen: 65.799 ng
RT: 10.08 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tot Ion:184 Resp: 95339
Ion Ratio Lower Upper
184 100
63 48.6 54.2 81.2#
154 59.7 184.0 276.0#

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

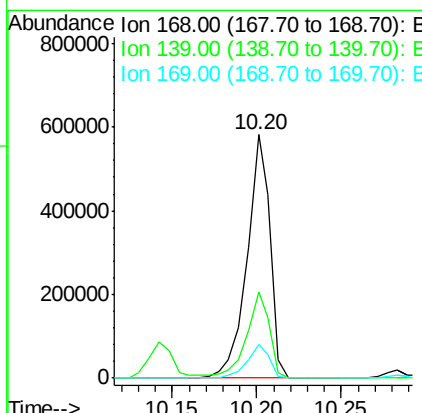
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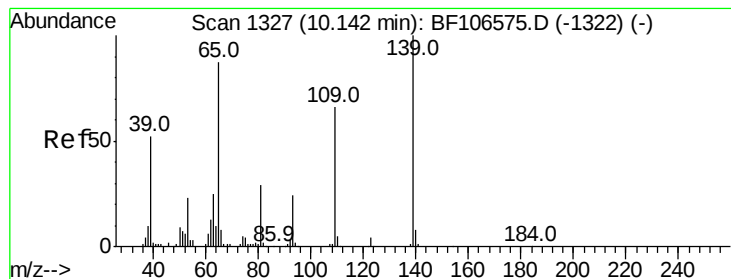
Sohil
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#54
Dibenzofuran
Concen: 36.213 ng
RT: 10.20 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion:168 Resp: 551189
Ion Ratio Lower Upper
168 100
139 35.5 30.1 45.1
169 13.7 10.9 16.3





#55

4-Nitrophenol

Concen: 37.227 ng

RT: 10.14 min Scan# 1327

Delta R.T. -0.00 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tot Ion:139 Resp: 84641

Ion Ratio Lower Upper

139 100

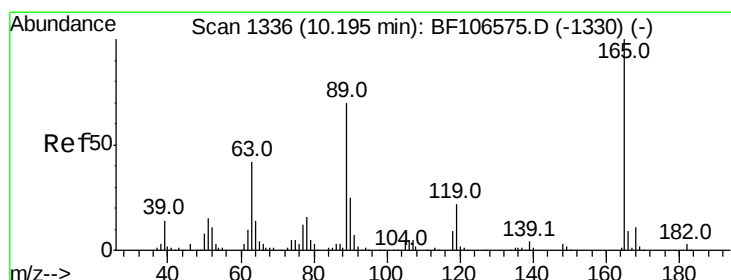
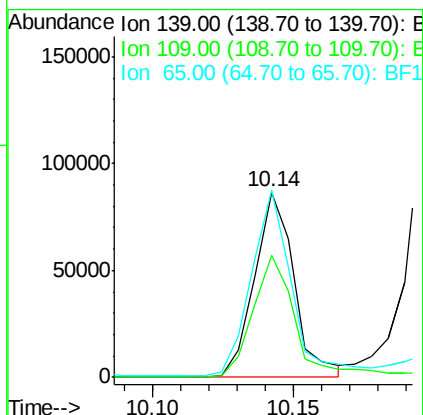
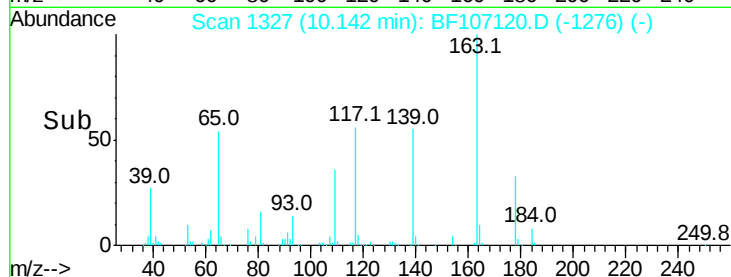
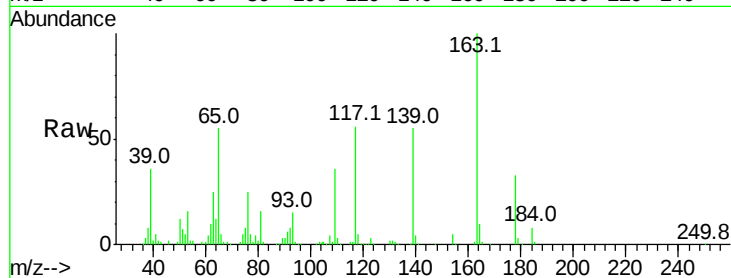
109 65.7 48.4 88.4

65 100.9 72.6 112.6

Manual Integrations
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#56

2,4-Dinitrotoluene

Concen: 37.985 ng

RT: 10.20 min Scan# 1336

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:165 Resp: 140346

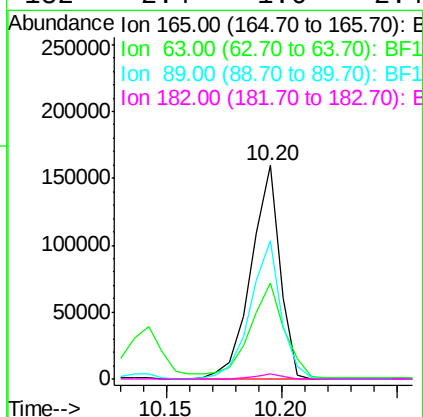
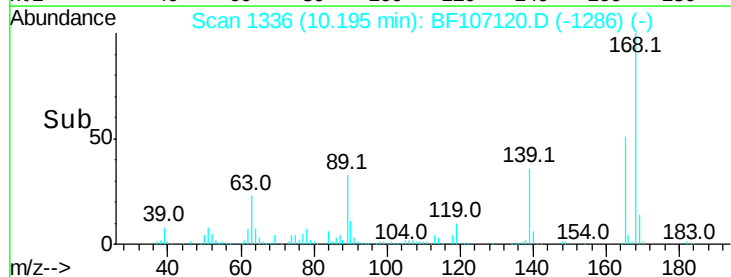
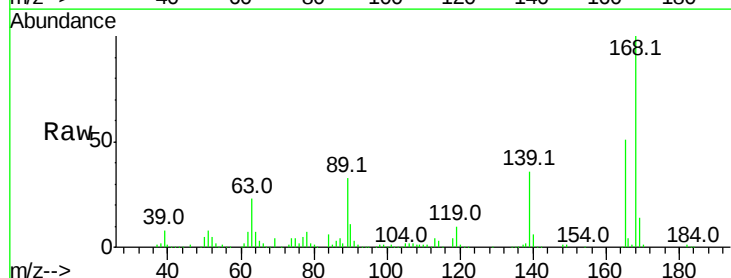
Ion Ratio Lower Upper

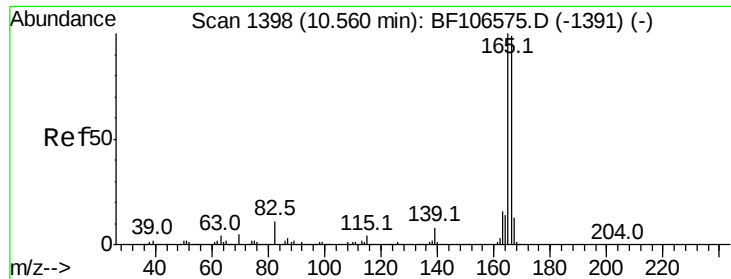
165 100

63 44.7 36.4 54.6

89 64.5 57.8 86.6

182 2.4 1.6 2.4





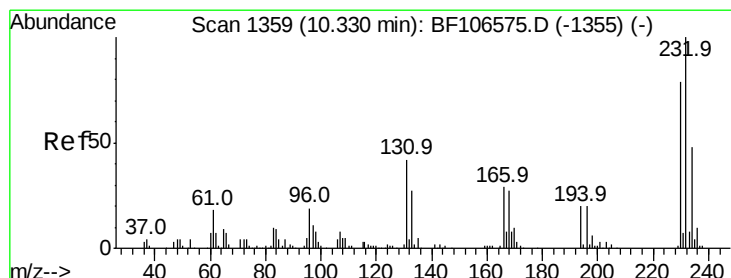
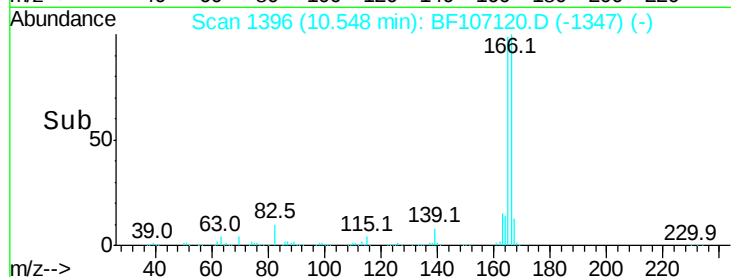
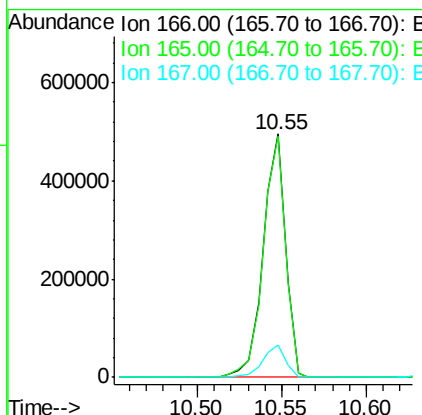
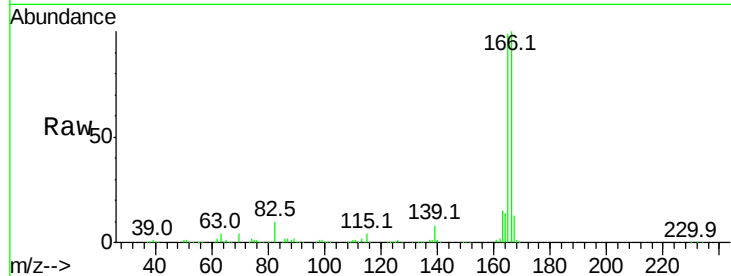
#57
Fluorene
 Concen: 37.405 ng
 RT: 10.55 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.3	10.6	16.0

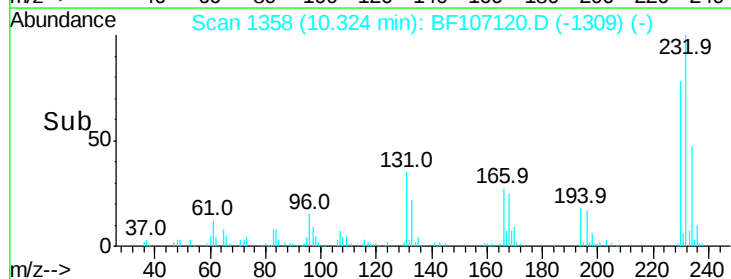
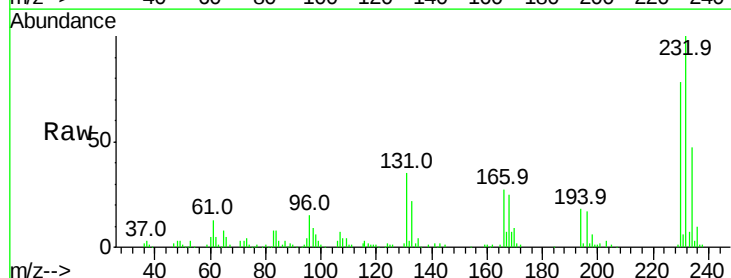
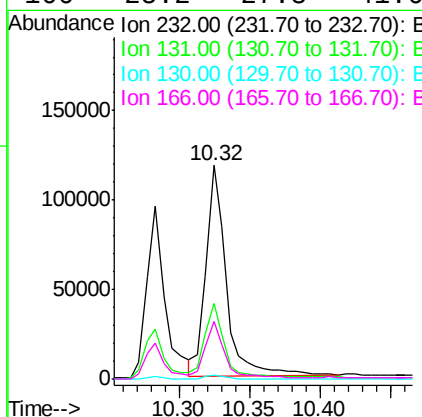
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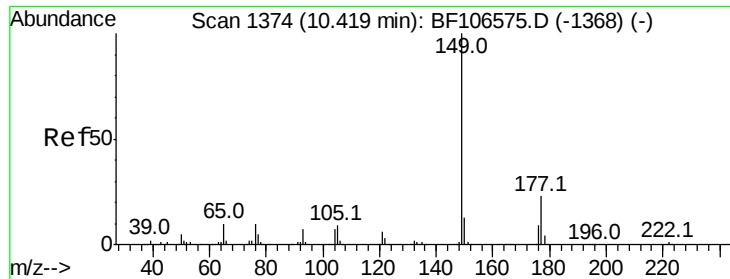
Sohil
 7/6/2018 8:44:57 AM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 35.941 ng
 RT: 10.32 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
232	100		
131	33.5	43.8	65.8#
130	1.5	2.1	3.1#
166	25.2	27.8	41.6#





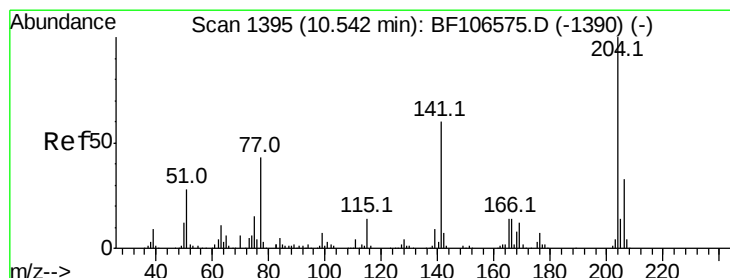
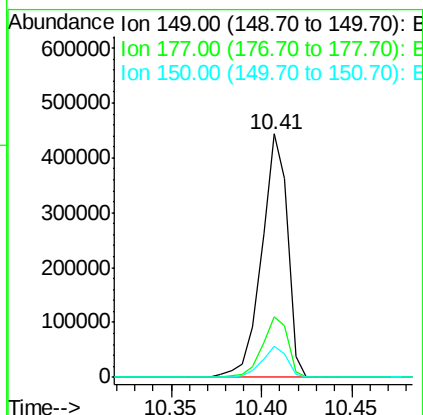
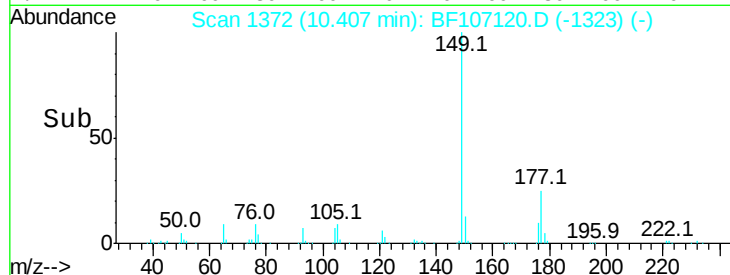
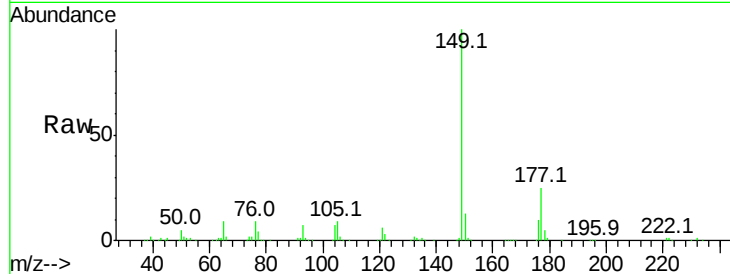
#59
Diethylphthalate
Concen: 34.044 ng
RT: 10.41 min Scan# 1372
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	439238		
177	24.8	16.1	24.1#	
150	12.9	10.1	15.1	

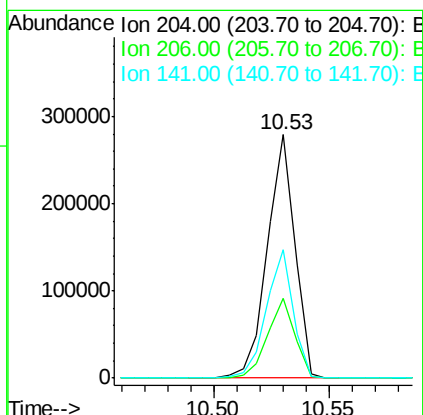
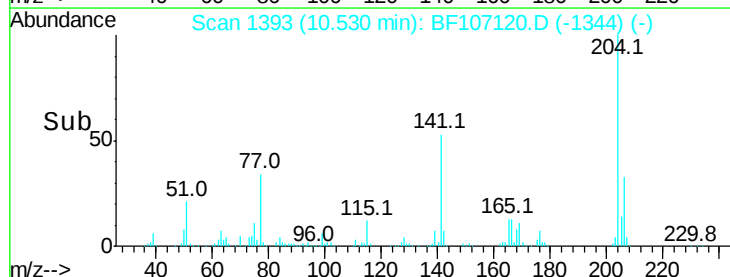
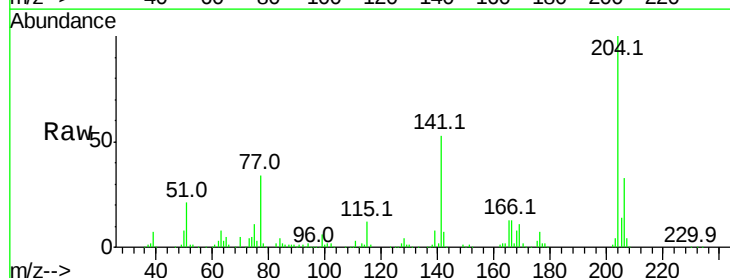
Manual Integrations
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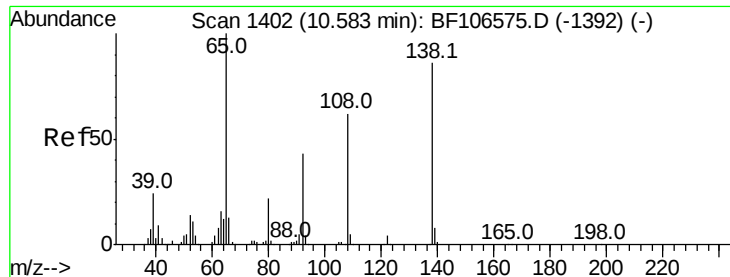
Sohil
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#60
4-Chlorophenyl-phenylether
Concen: 36.719 ng
RT: 10.53 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	232050		
206	32.6	26.5	39.7	
141	52.5	54.6	81.8#	





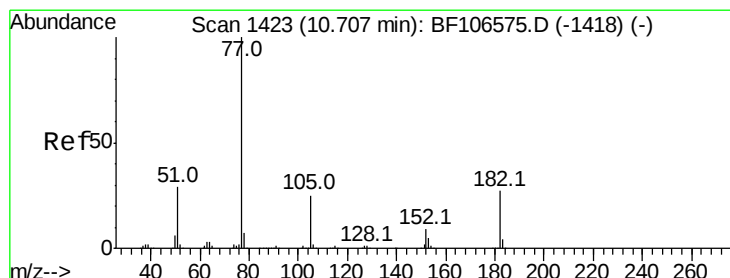
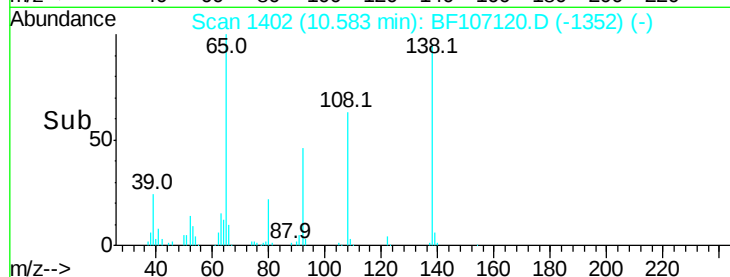
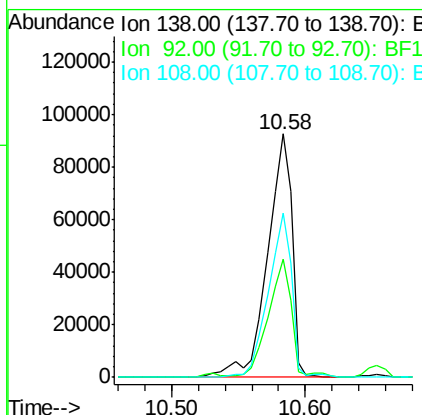
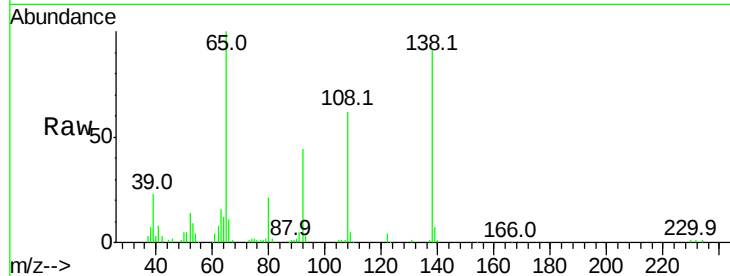
#61
4-Nitroaniline
Concen: 36.726 ng
RT: 10.58 min Scan# 1402
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.5	30.2	70.2
108	67.4	52.5	92.5

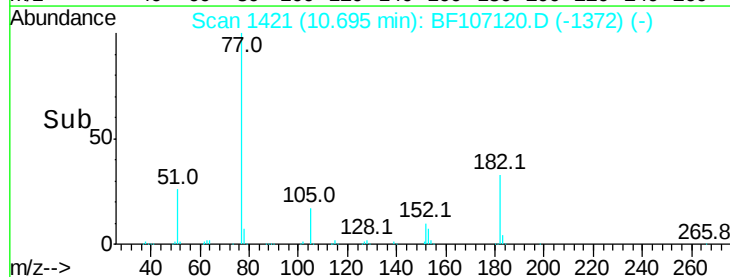
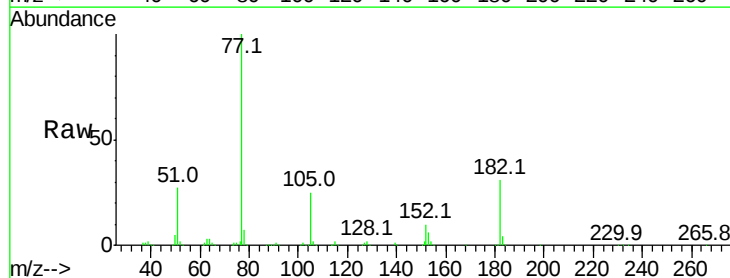
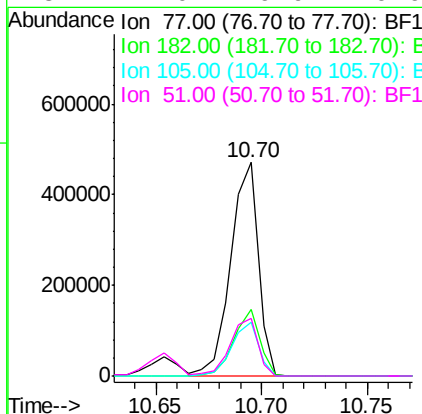
Manual Integrations
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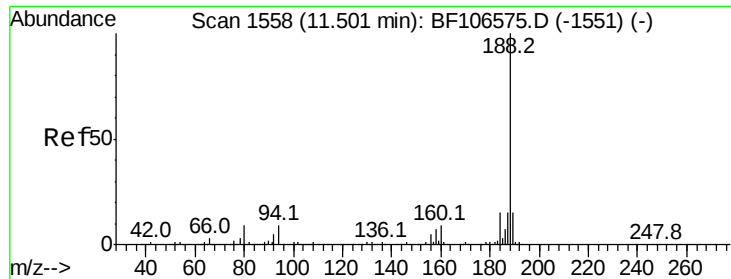
Sohil
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#62
Azobenzene
Concen: 33.364 ng
RT: 10.70 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
77	100		
182	31.4	1.7	41.7
105	25.2	3.0	43.0
51	27.0	9.9	49.9





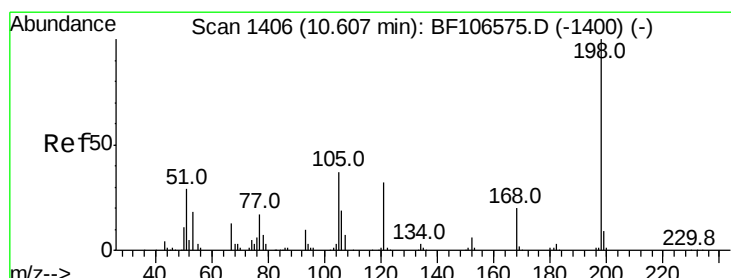
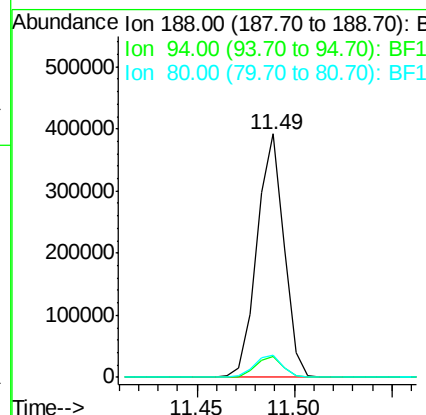
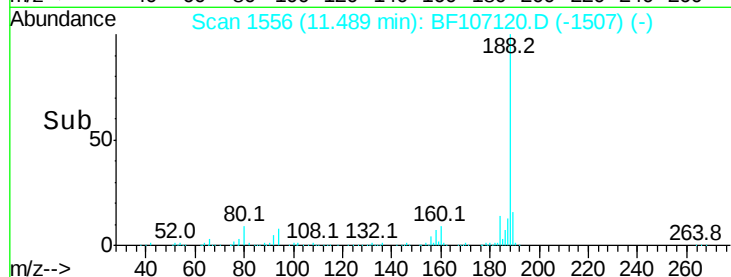
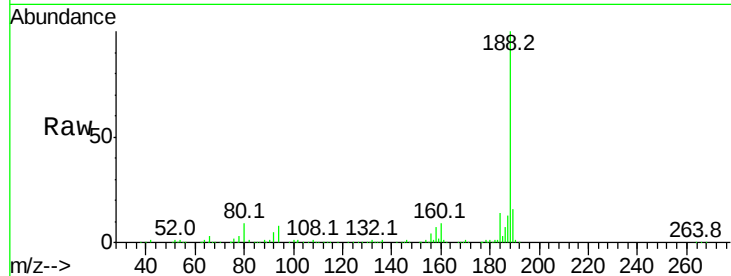
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	8.3	8.5	12.7#	
80	9.1	9.2	13.8#	

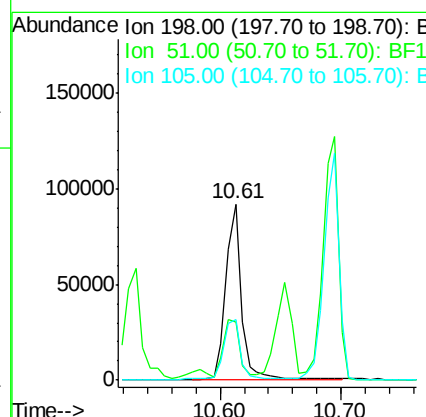
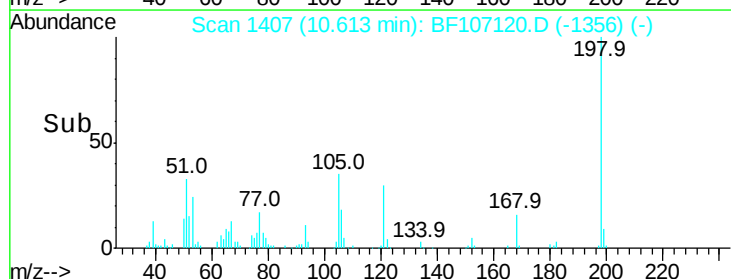
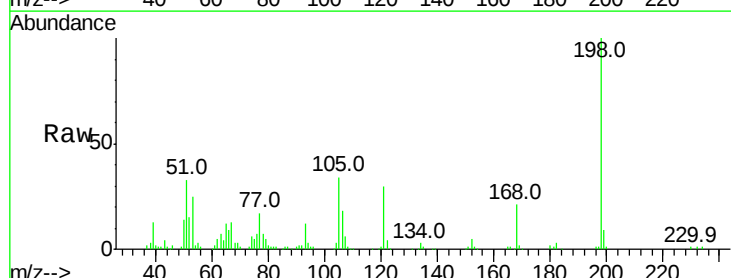
Manual Integrations
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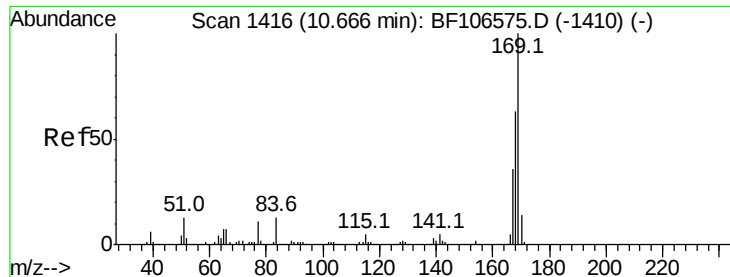
Sohil
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#64
4,6-Dinitro-2-methylphenol
Concen: 36.220 ng
RT: 10.61 min Scan# 1407
Delta R.T. -0.00 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	32.7	37.7	77.7#	
105	34.3	36.3	76.3#	





#65

n-Nitrosodiphenylamine

Concen: 31.714 ng

RT: 10.65 min Scan# 1414

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tot Ion:169 Resp: 399932

Ion Ratio Lower Upper

169 100

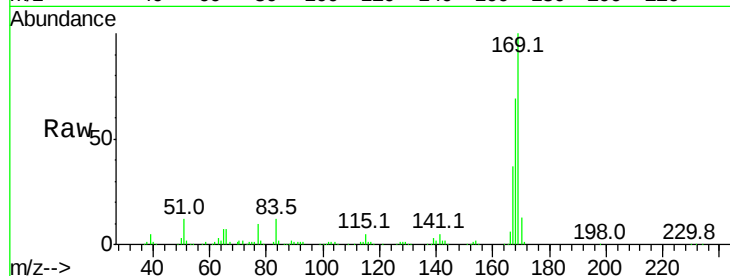
168 69.3 54.4 81.6

167 36.9 29.8 44.6

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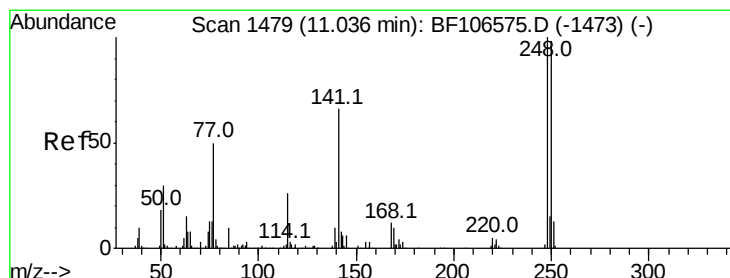
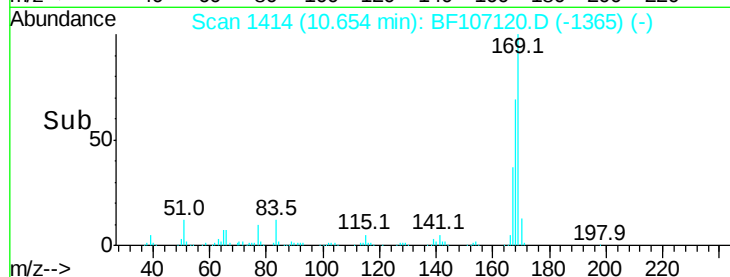
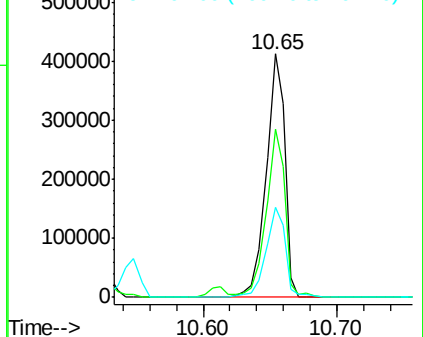
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Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 37.637 ng

RT: 11.02 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

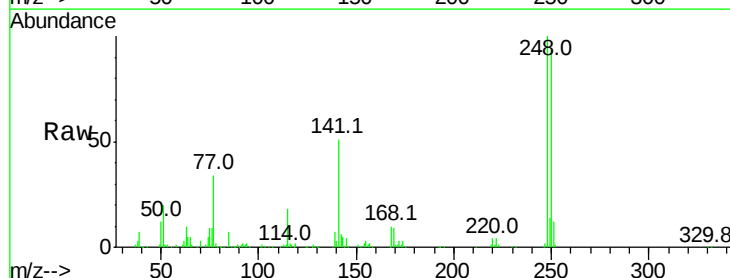
Tgt Ion:248 Resp: 168406

Ion Ratio Lower Upper

248 100

250 94.3 76.9 115.3

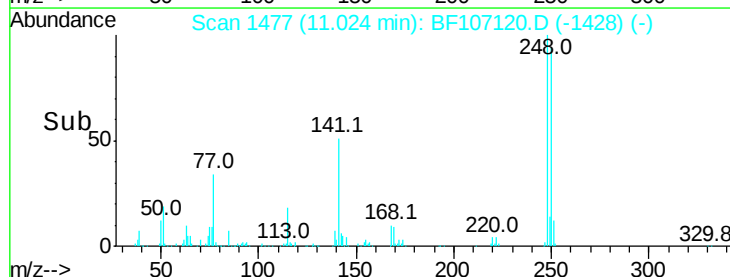
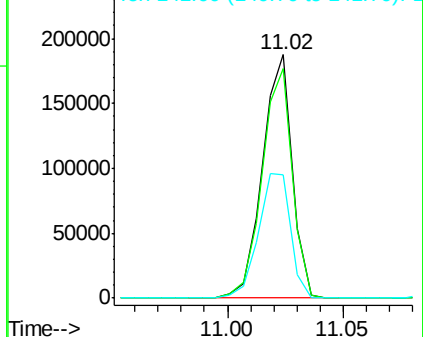
141 50.6 74.4 111.6#

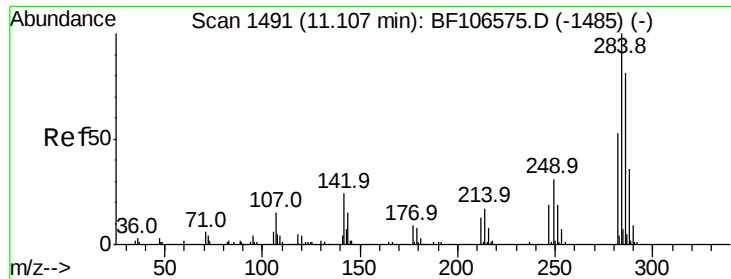


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





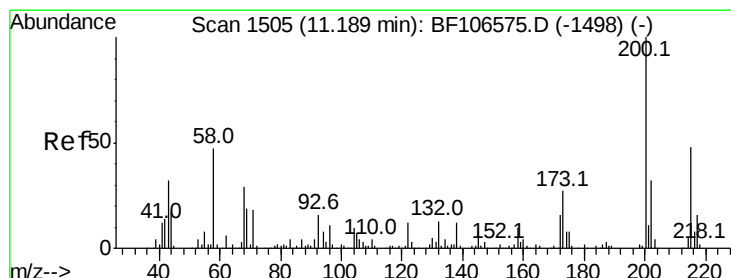
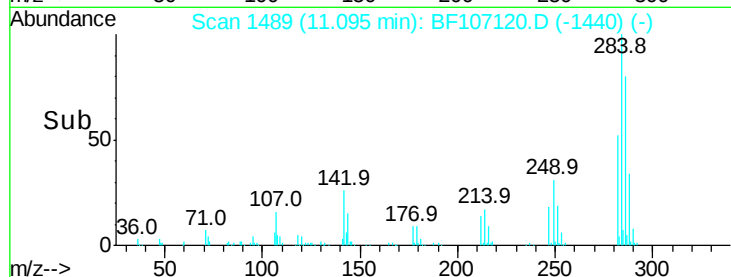
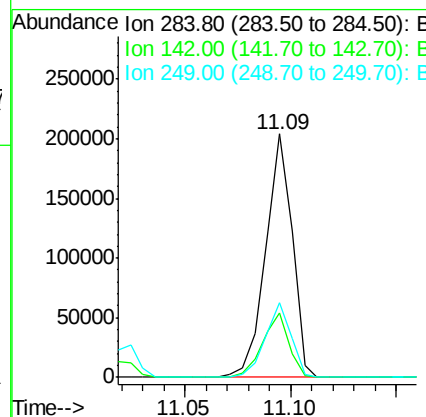
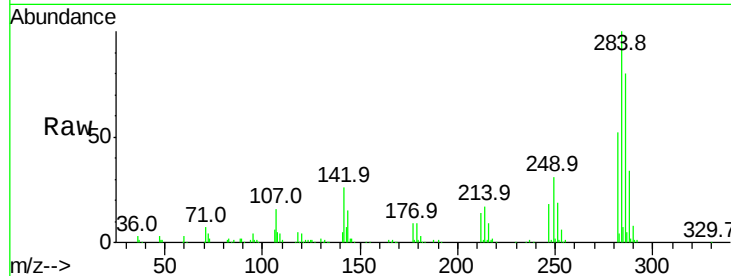
#67
Hexachlorobenzene
Concen: 38.165 ng
RT: 11.09 min Scan# 1489
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100	178731		
142	26.2	34.6	52.0	#
249	30.5	24.8	37.2	

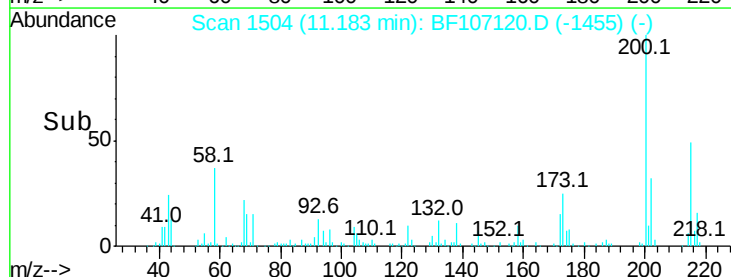
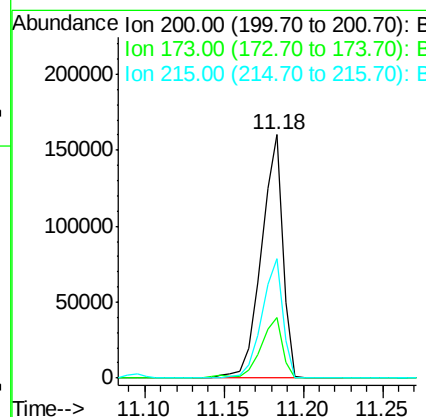
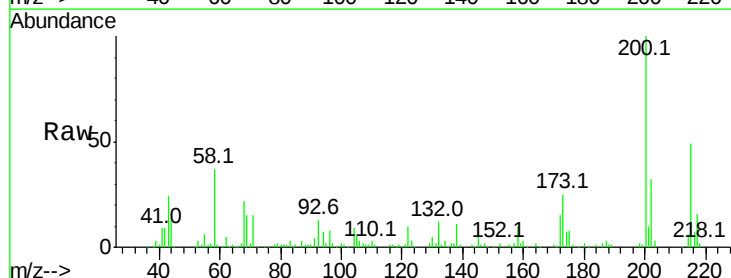
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#68
Atrazine
Concen: 37.747 ng
RT: 11.18 min Scan# 1504
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	151326		
173	25.0	8.6	48.6	
215	49.1	25.1	65.1	





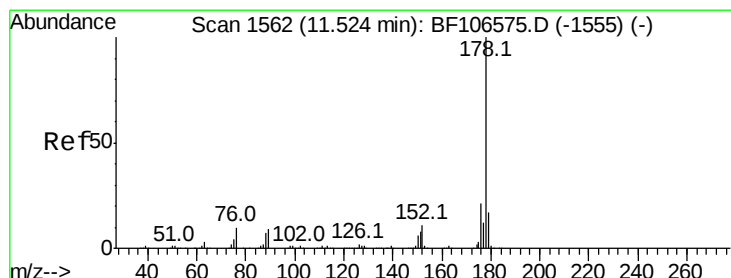
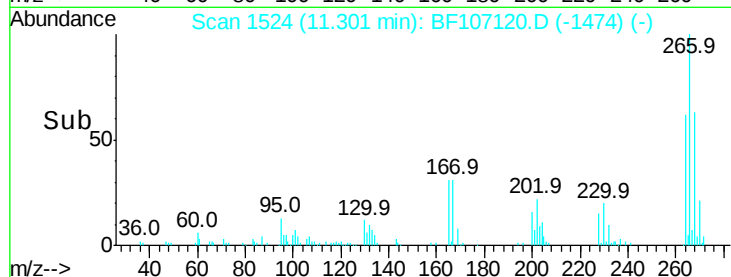
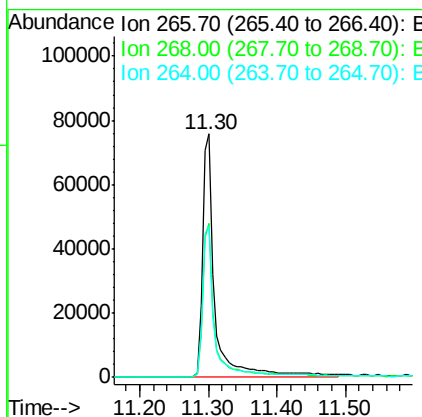
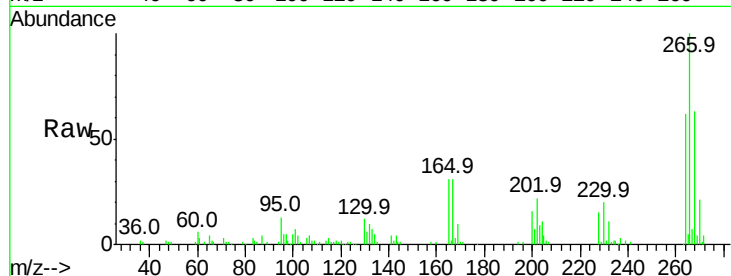
#69
 Pentachlorophenol
 Concen: 42.527 ng
 RT: 11.30 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.0	51.1	76.7
264	62.4	49.5	74.3

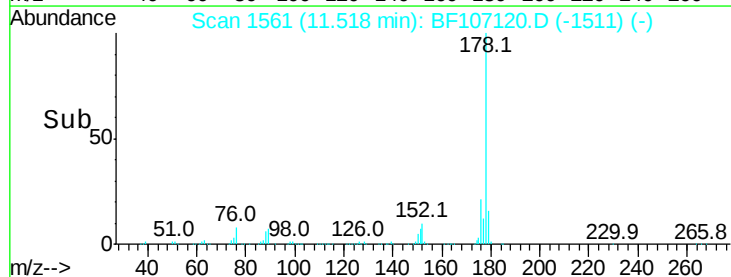
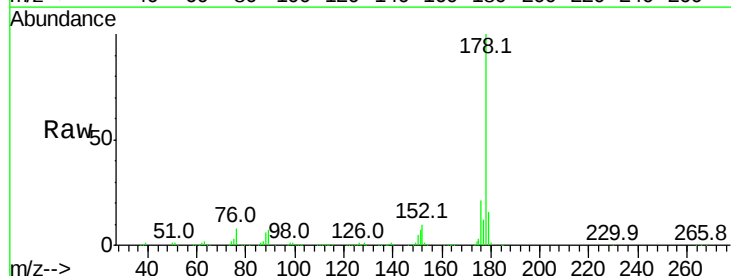
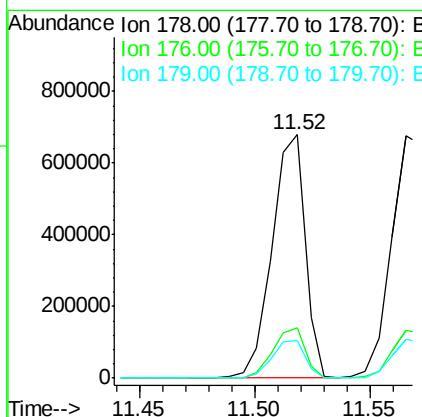
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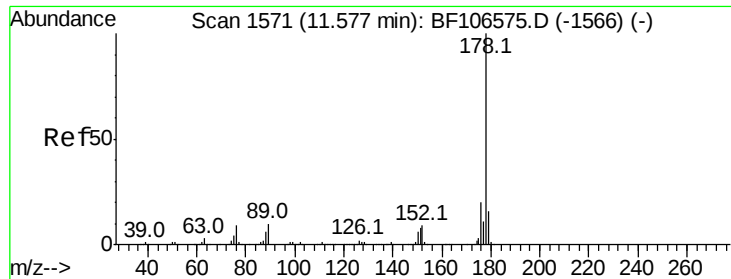
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#70
 Phenanthrene
 Concen: 37.394 ng
 RT: 11.52 min Scan# 1561
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.8	15.8	23.8
179	15.6	13.0	19.6





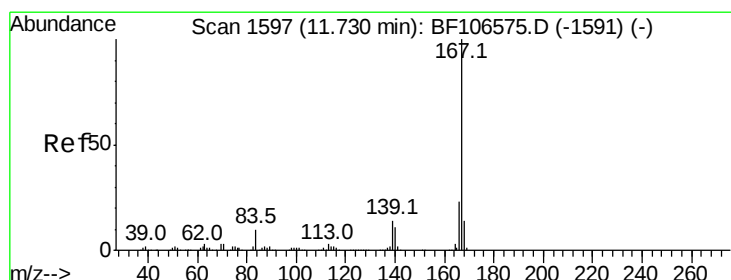
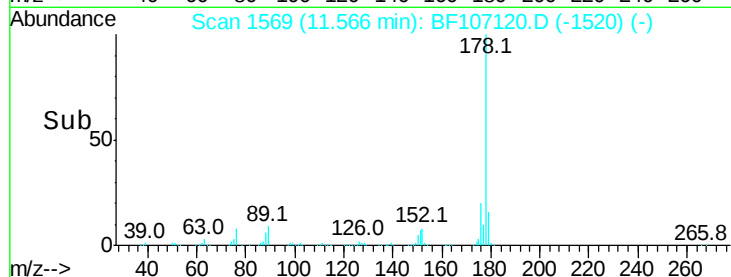
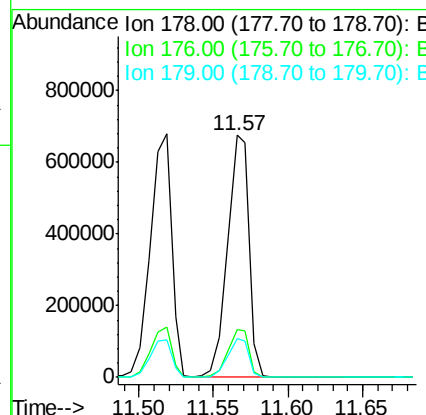
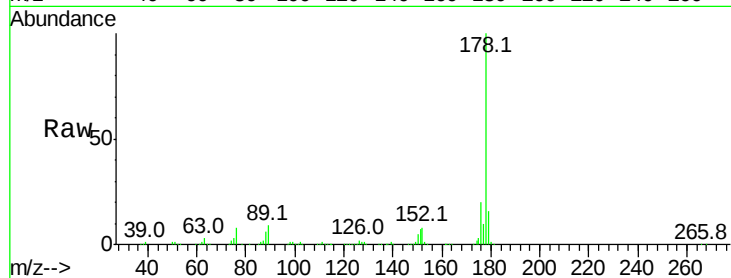
#71
 Anthracene
 Concen: 37.659 ng
 RT: 11.57 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.2
179	16.2	12.6	19.0

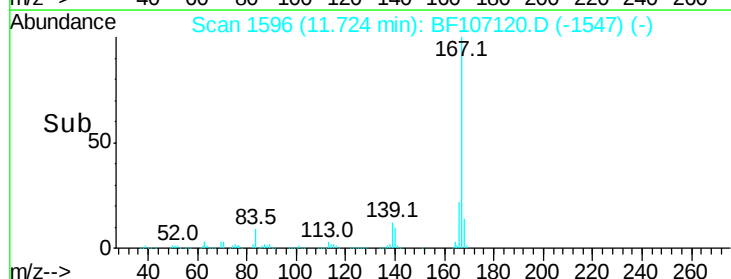
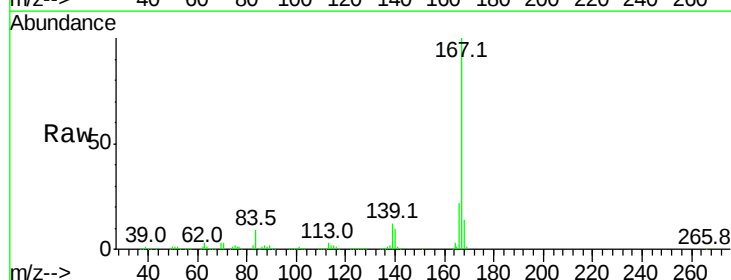
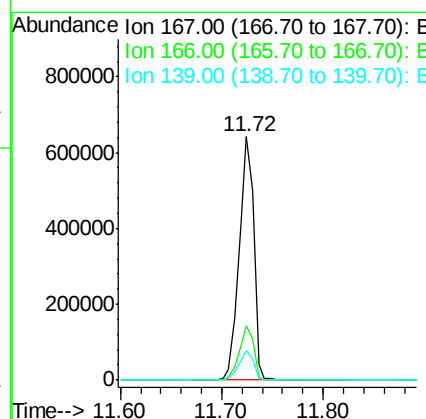
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#72
 Carbazole
 Concen: 37.099 ng
 RT: 11.72 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

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: 34.054 ng

RT: 12.03 min Scan# 1648

Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

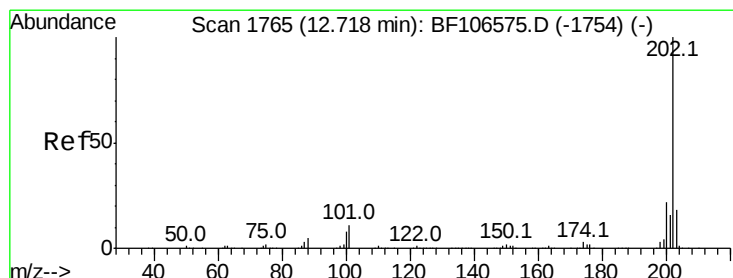
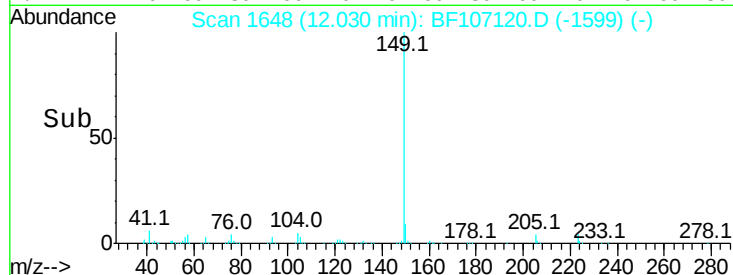
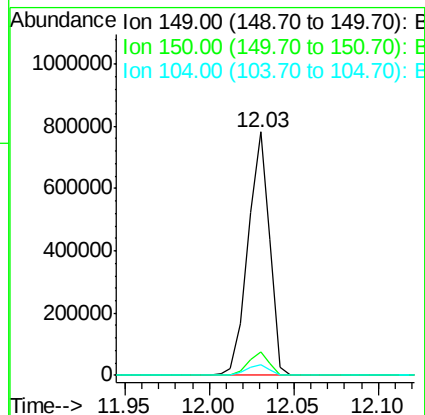
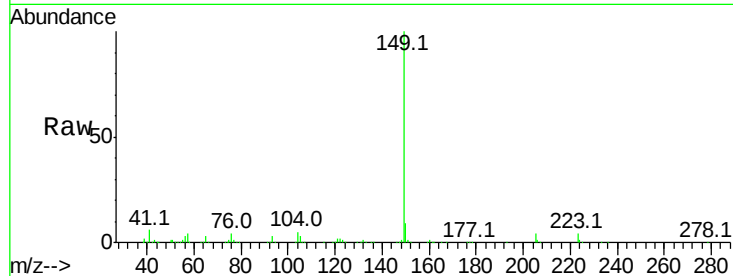
ClientSampleID :

PB110604BSD

Tot Ion:	149	Resp:	693290
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.8	11.6
104	4.6	3.8	5.8

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#74

Fluoranthene

Concen: 39.082 ng

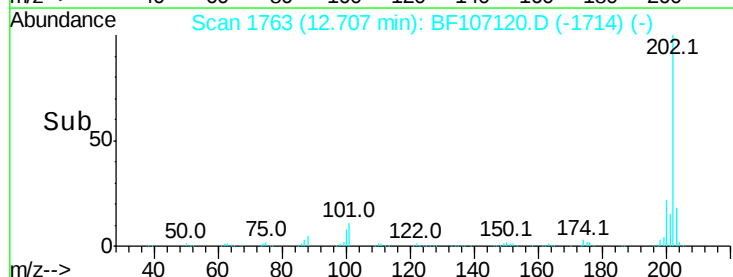
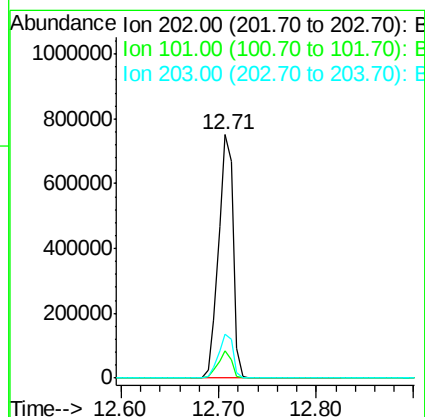
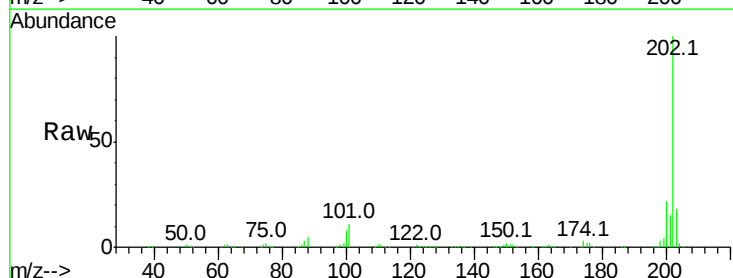
RT: 12.71 min Scan# 1763

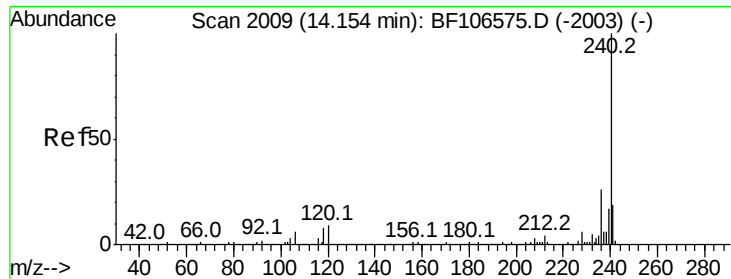
Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion:	202	Resp:	778956
Ion Ratio	Lower	Upper	
202	100		
101	11.1	0.0	34.1
203	18.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

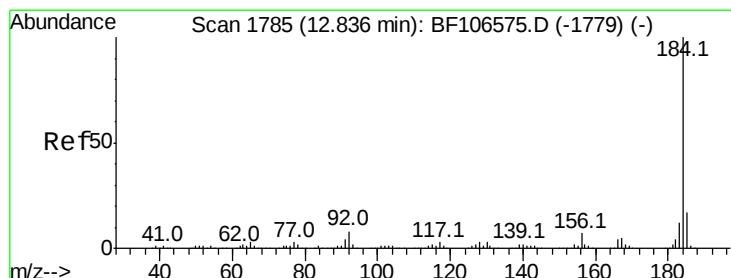
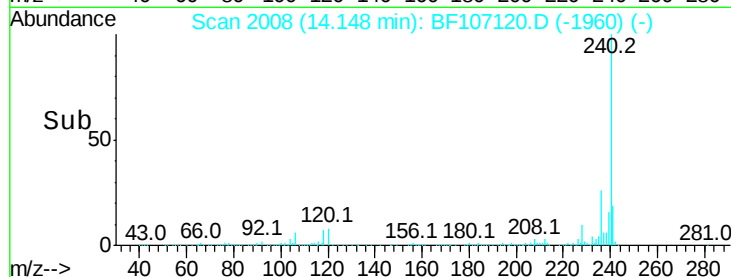
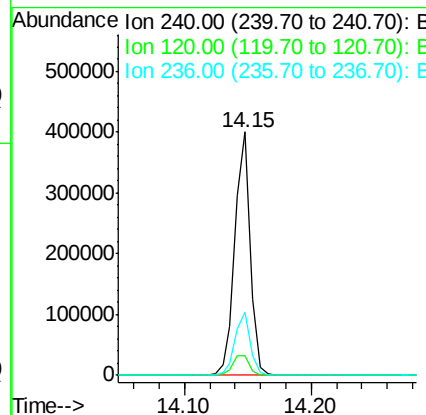
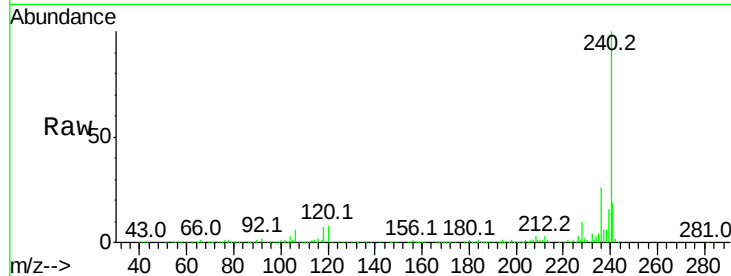
ClientSampleId :

PB110604BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.2	9.5	14.3#
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 29.673 ng

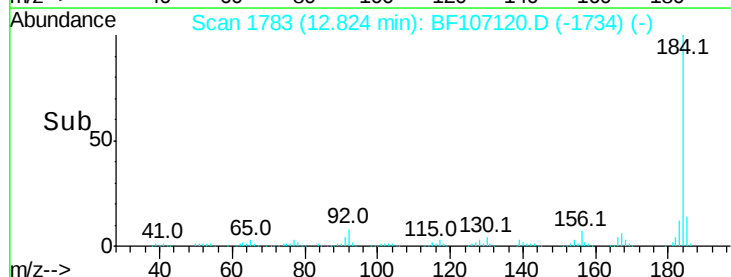
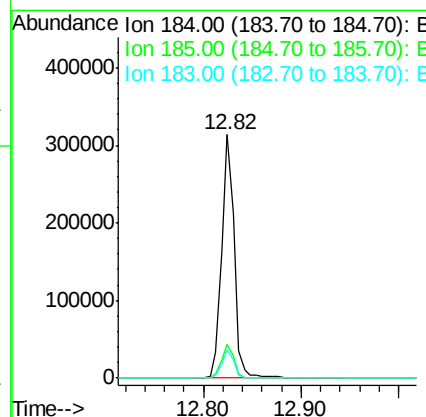
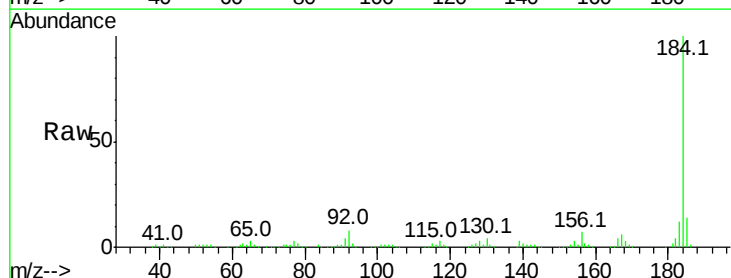
RT: 12.82 min Scan# 1783

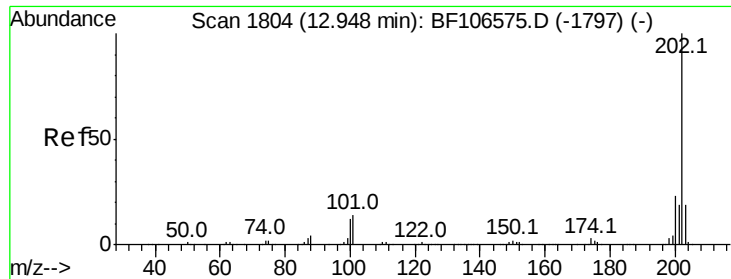
Delta R.T. -0.01 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.0	12.6	18.8
183	12.0	9.3	13.9





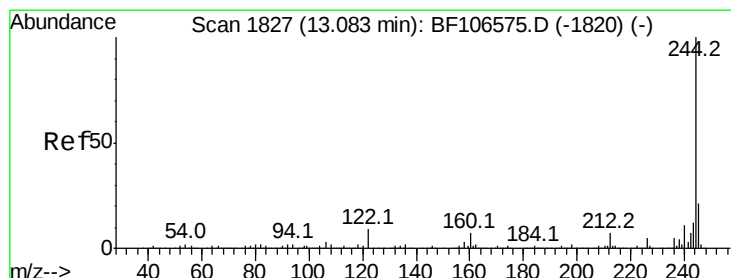
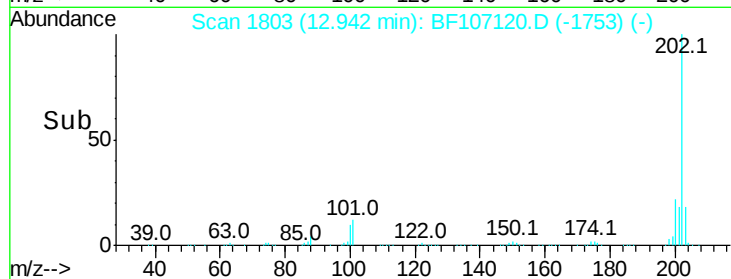
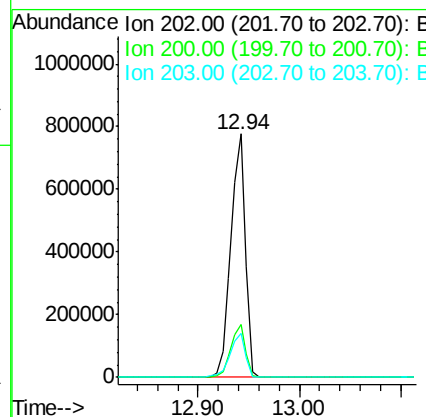
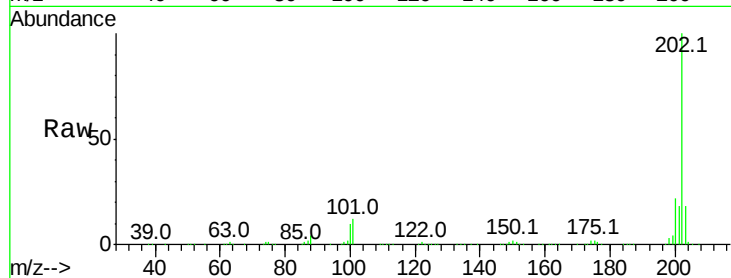
#77
Pvrene
Concen: 35.496 ng
RT: 12.94 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	21.9	17.4	26.2
203	18.0	14.3	21.5

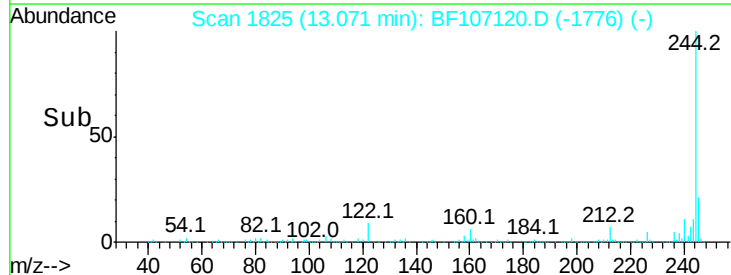
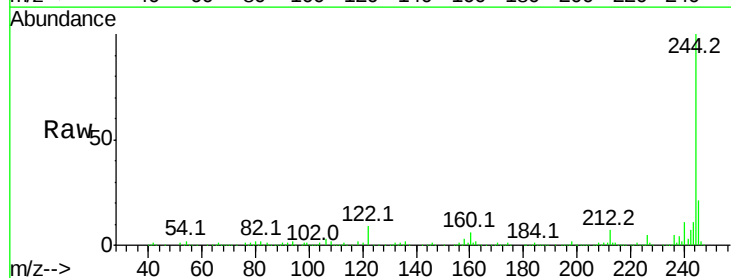
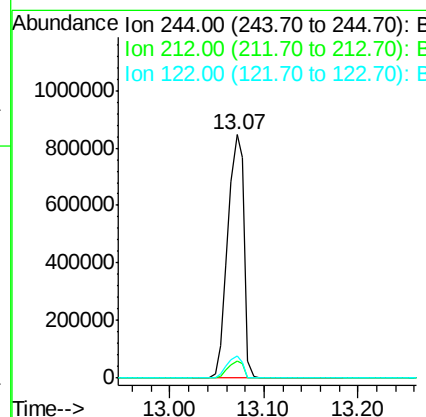
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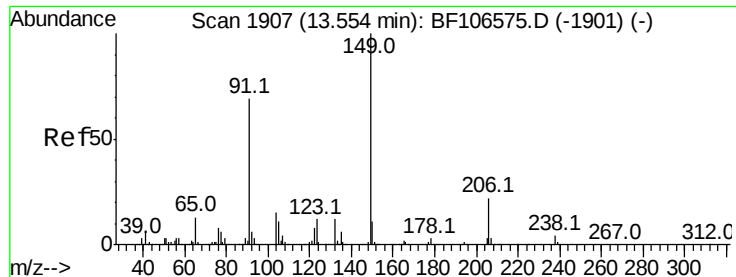
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#78
Terphenyl-d14
Concen: 74.564 ng
RT: 13.07 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	6.9	5.4	8.0
122	9.0	11.0	16.4





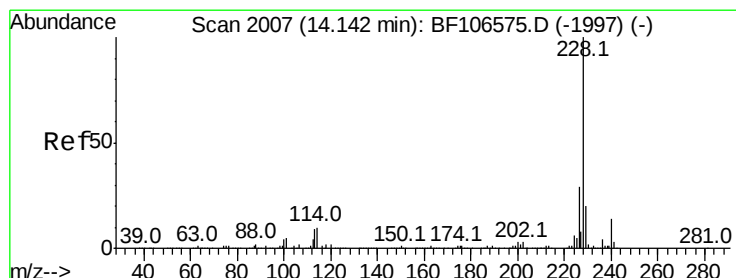
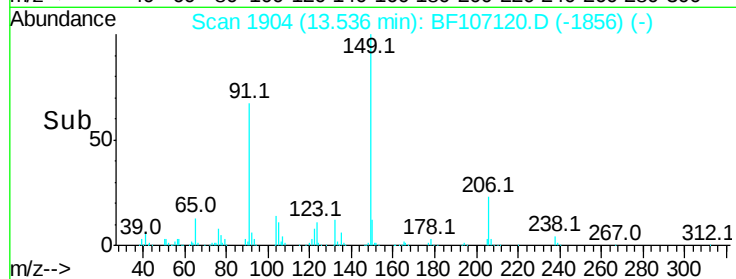
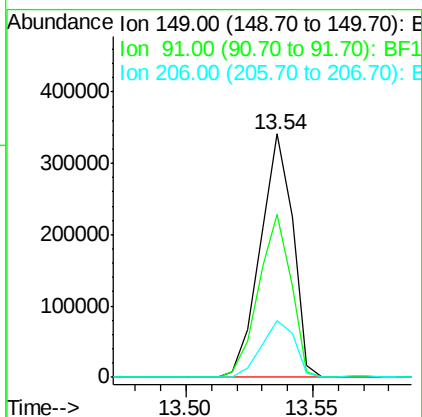
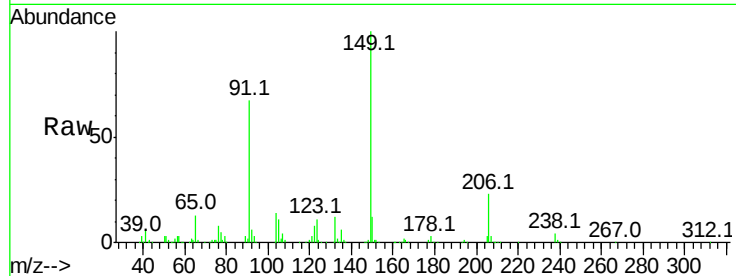
#79
Butylbenzylphthalate
Concen: 34.095 ng
RT: 13.54 min Scan# 1904
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
149	100		
91	67.2	56.8	85.2
206	23.1	14.1	21.1

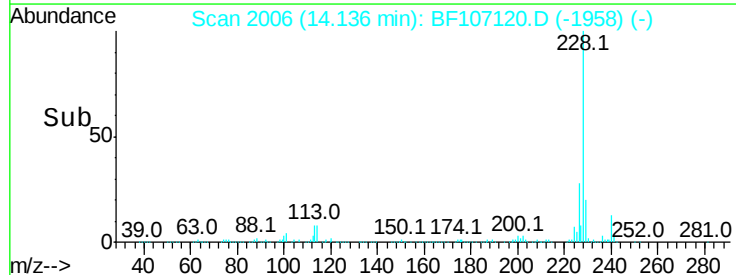
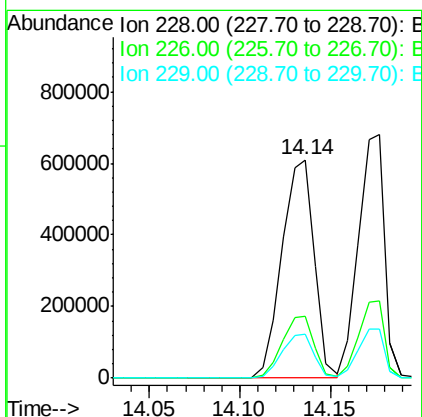
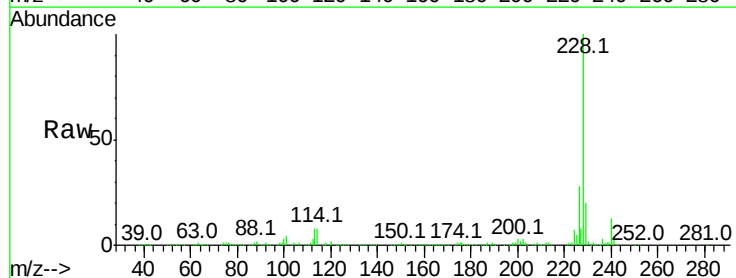
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#80
Benzo(a)anthracene
Concen: 37.431 ng
RT: 14.14 min Scan# 2006
Delta R.T. -0.02 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	28.4	22.6	33.8
229	19.9	15.8	23.6





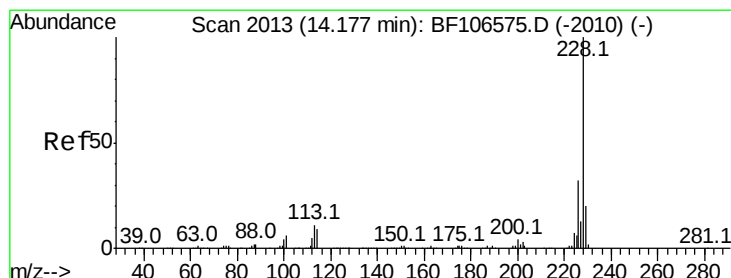
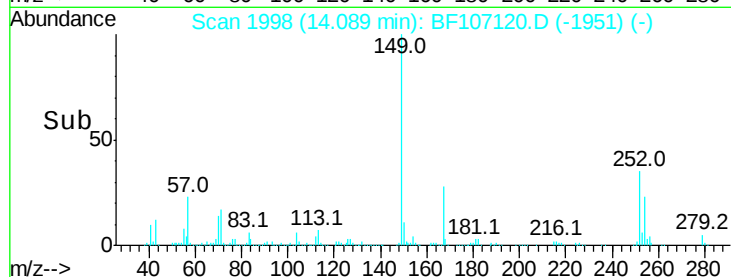
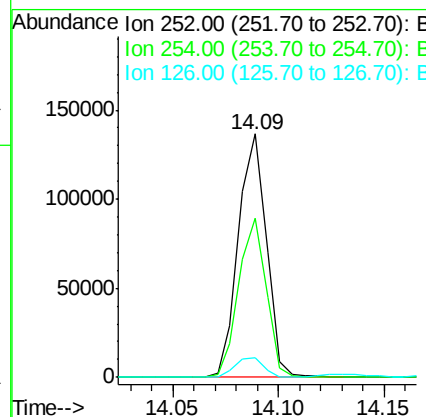
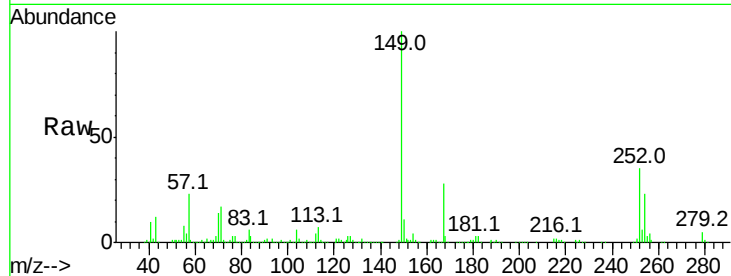
#81
 3,3'-Dichlorobenzidine
 Concen: 17.577 ng
 RT: 14.09 min Scan# 1998
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	65.5	50.4	75.6
126	8.1	11.3	16.9

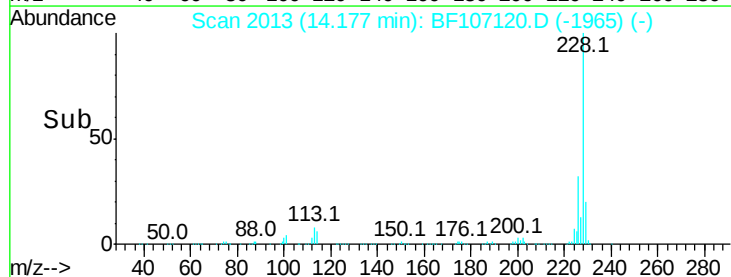
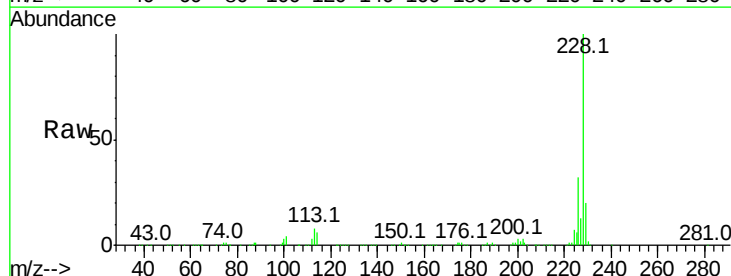
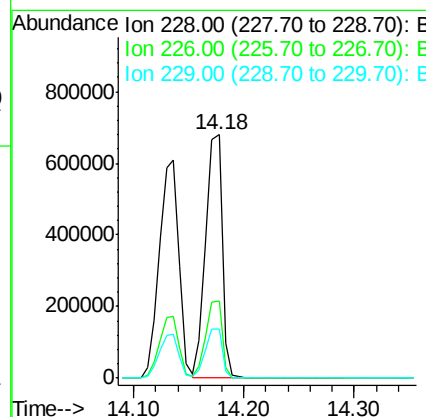
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#82
 Chrysene
 Concen: 36.756 ng
 RT: 14.18 min Scan# 2013
 Delta R.T. -0.02 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	31.6	25.0	37.6
229	20.0	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 33.437 ng

RT: 14.09 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

ClientSampleId :

PB110604BSD

Tot Ion:149 Resp: 385285

Ion Ratio Lower Upper

149 100

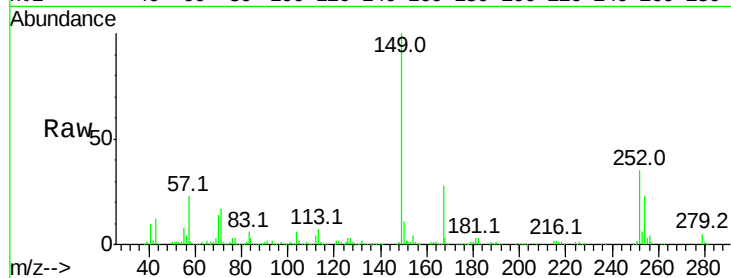
167 28.4 21.3 31.9

279 5.3 3.0 4.4#

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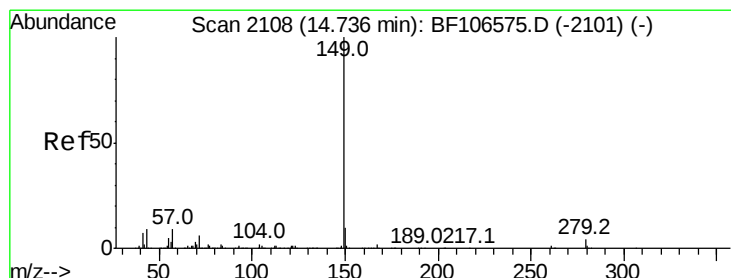
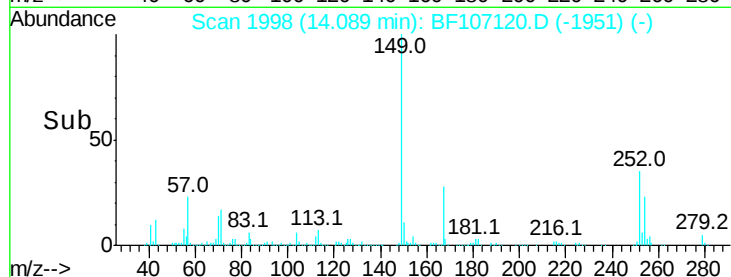
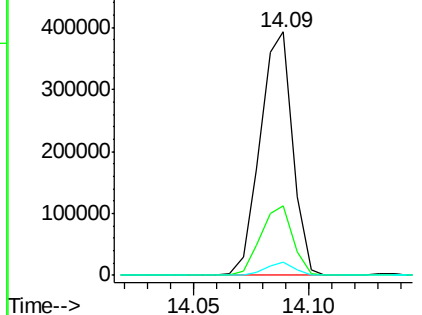
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.384 ng

RT: 14.71 min Scan# 2104

Delta R.T. -0.05 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

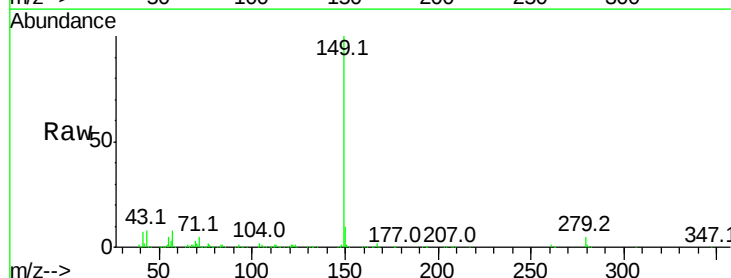
Tgt Ion:149 Resp: 645823

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

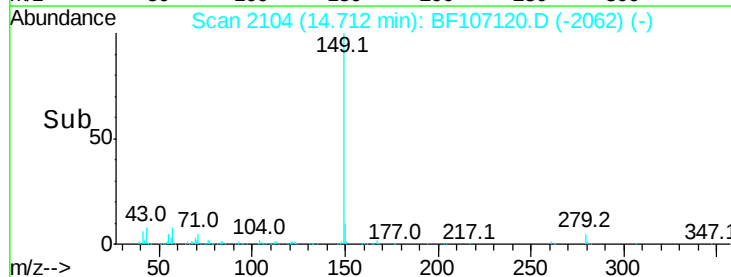
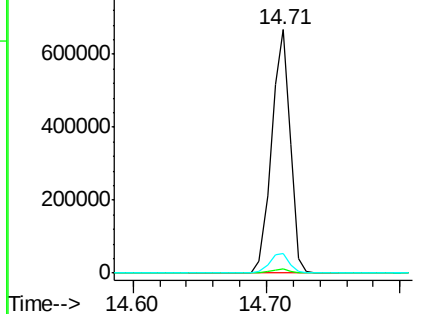
43 8.5 8.4 12.6

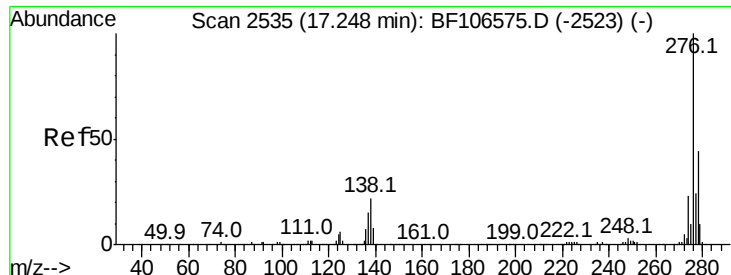


Abundance Ion 149.00 (148.70 to 149.70): E

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: 35.366 ng

RT: 17.27 min Scan# 2538

Delta R.T. -0.04 min

Lab File: BF107120.D

Acq: 5 Jul 2018 12:13

Instrument :

BNA_F

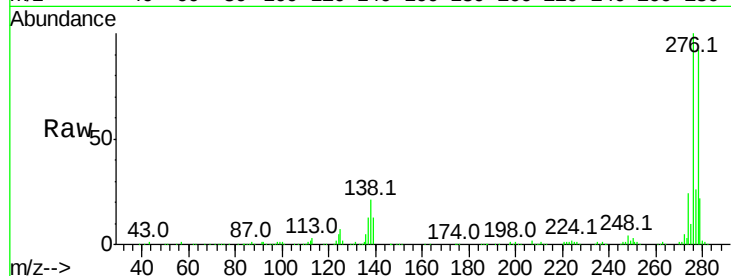
ClientSampleId :

PB110604BSD

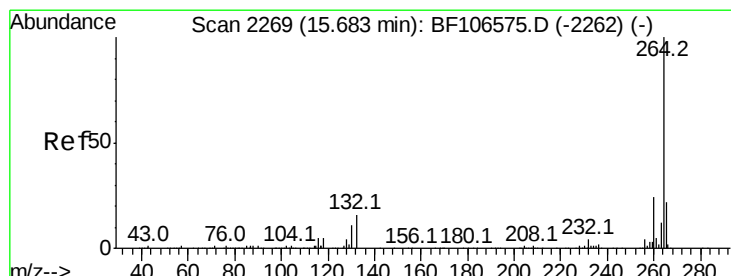
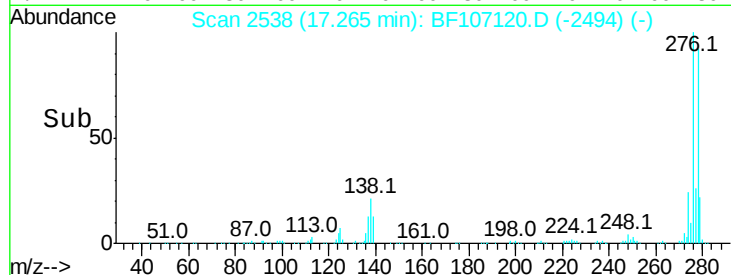
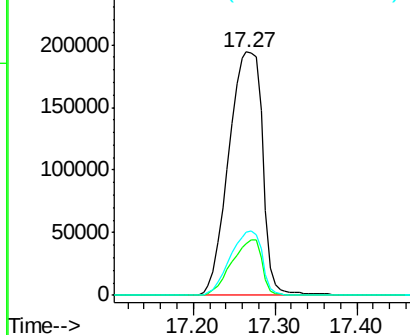
Tot Ion:	276	Resp:	559427
Ion Ratio	Lower	Upper	
276	100		
138	20.6	25.0	37.6#
277	25.2	20.1	30.1

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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

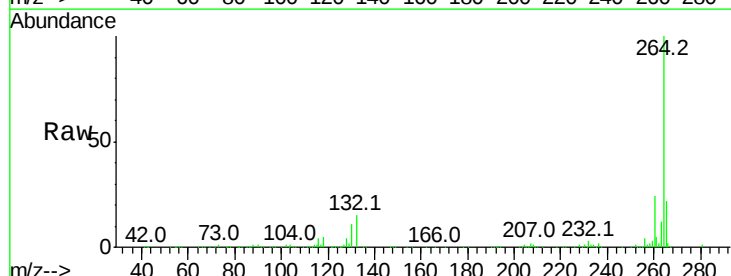
RT: 15.68 min Scan# 2268

Delta R.T. -0.04 min

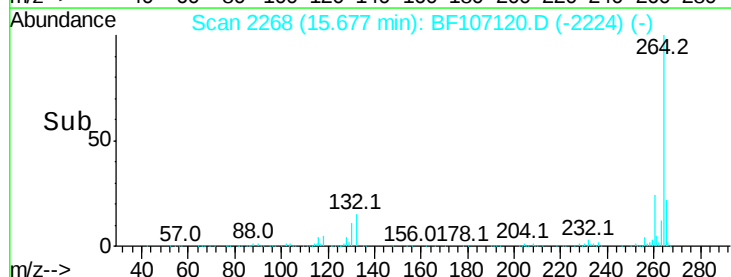
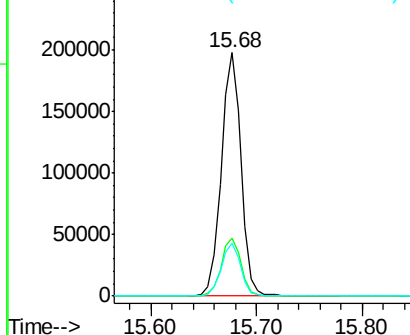
Lab File: BF107120.D

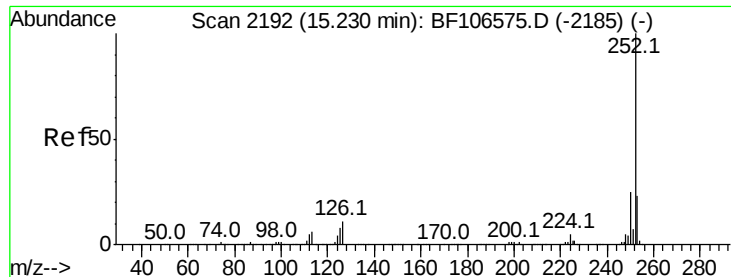
Acq: 5 Jul 2018 12:13

Tgt Ion:	264	Resp:	256683
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.2	28.8
265	21.6	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





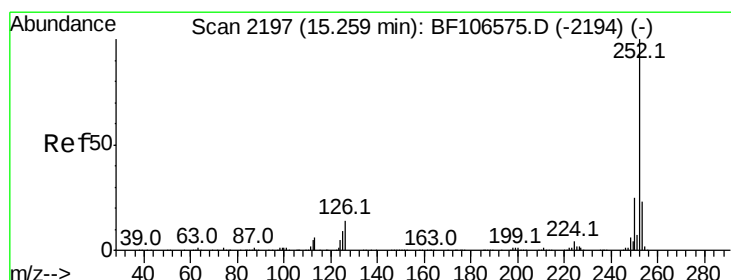
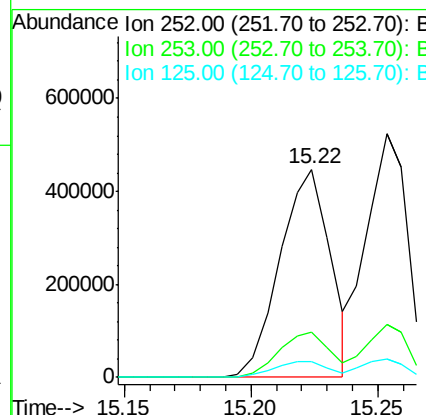
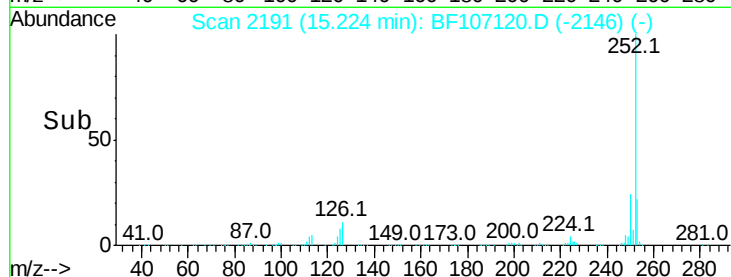
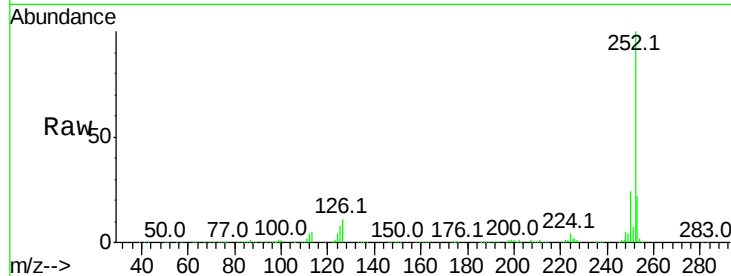
#87
Benzo(b)fluoranthene
Concen: 38.953 ng
RT: 15.22 min Scan# 2191
Delta R.T. -0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	7.8	9.0	13.6#

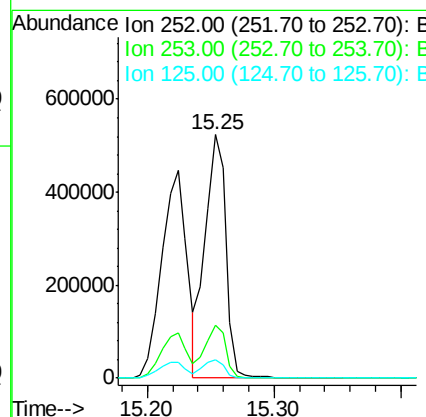
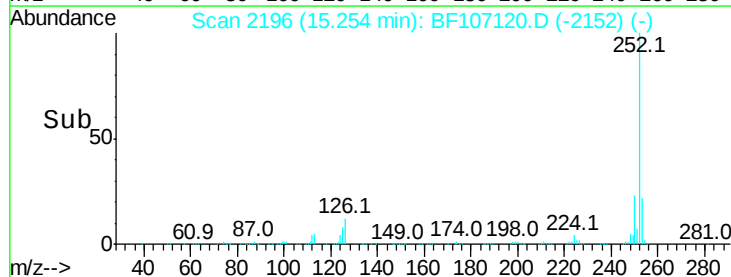
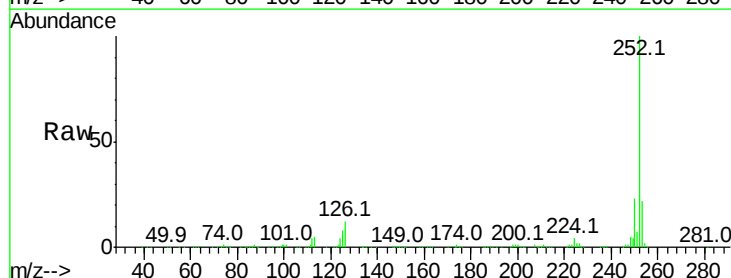
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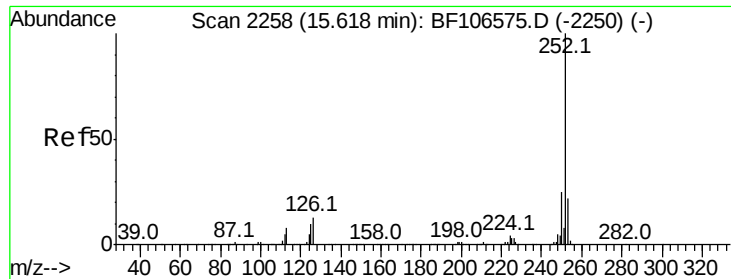
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#88
Benzo(k)fluoranthene
Concen: 39.272 ng
RT: 15.25 min Scan# 2196
Delta R.T. -0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.9	26.9
125	7.7	10.2	15.2#





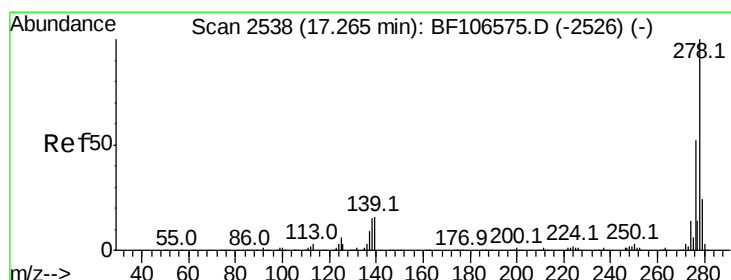
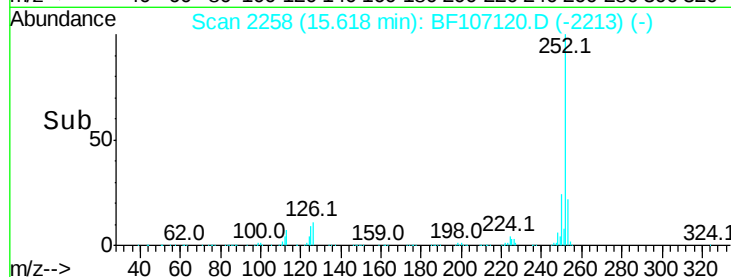
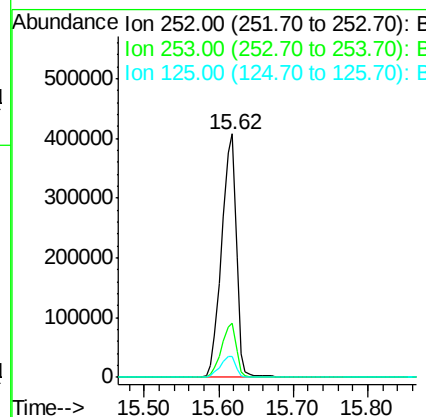
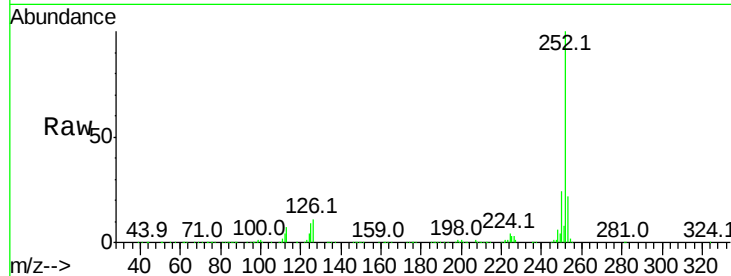
#89
Benzo(a)pyrene
Concen: 39.211 ng
RT: 15.62 min Scan# 2258
Delta R.T. -0.04 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Instrument :
BNA_F
ClientSampleId :
PB110604BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.1	25.7
125	8.6	9.8	14.6

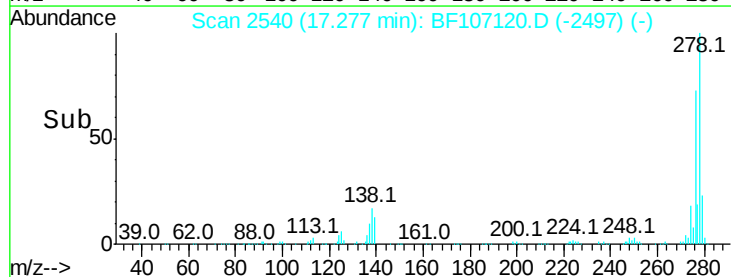
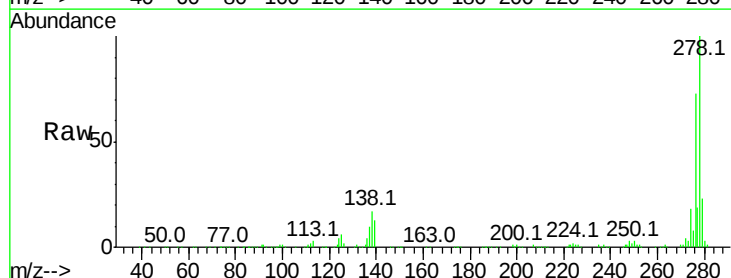
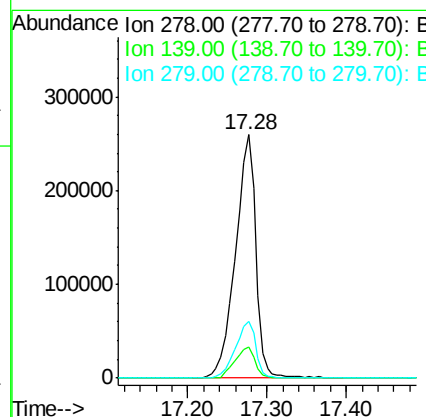
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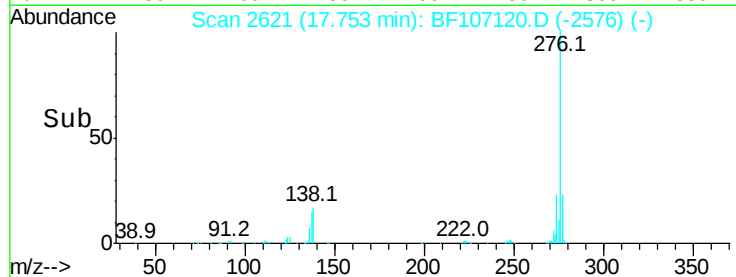
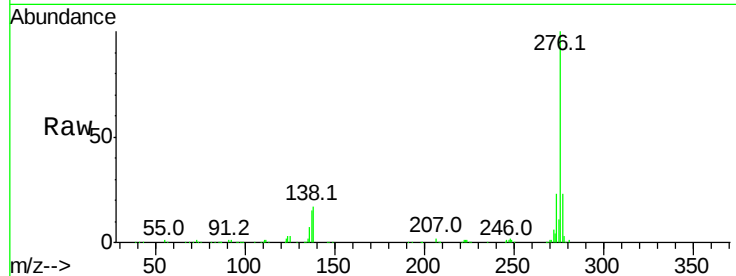
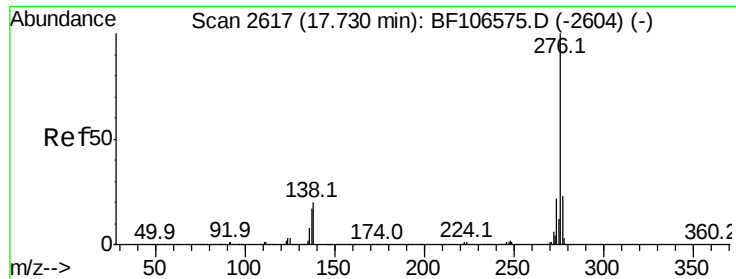
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#90
Dibenzo(a,h)anthracene
Concen: 38.474 ng
RT: 17.28 min Scan# 2540
Delta R.T. -0.05 min
Lab File: BF107120.D
Acq: 5 Jul 2018 12:13

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.0	15.9	23.9
279	23.5	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 41.195 ng
 RT: 17.75 min Scan# 2621
 Delta R.T. -0.04 min
 Lab File: BF107120.D
 Acq: 5 Jul 2018 12:13

Instrument :
 BNA_F
 ClientSampleId :
 PB110604BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.3	17.9	26.9
138	17.4	21.8	32.8

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