

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070718\
 Data File : BF107199.D
 Acq On : 7 Jul 2018 12:03
 Operator : JU/SJ
 Sample : PB110905BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Manual Integrations
 APPROVED

Sohil
 7/9/2018 2:06:12 PM

Quant Time: Jul 09 03:17:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 29 14:38:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	53569	20.00	ng	-0.02
21) Naphthalene-d8	8.22	136	210882	20.00	ng	-0.02
38) Acenaphthene-d10	9.99	164	110010	20.00	ng	-0.02
63) Phenanthrene-d10	11.48	188	226832	20.00	ng	-0.02
75) Chrysene-d12	14.14	240	167373	20.00	ng	-0.03
86) Perylene-d12	15.67	264	158379	20.00	ng	-0.05

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	316187	99.95	ng	0.00
7) Phenol-d6	6.60	99	387304	98.04	ng	-0.02
23) Nitrobenzene-d5	7.51	82	249406	65.73	ng	-0.02
41) 2,4,6-Tribromophenol	10.79	330	133685	104.85	ng	-0.01
44) 2-Fluorobiphenyl	9.30	172	491509	73.66	ng	-0.02
78) Terphenyl-d14	13.07	244	594559	86.05	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.87	88	44294	27.234	ng	96
3) Pyridine	3.64	79	129892	29.448	ng	99
4) n-Nitrosodimethylamine	3.60	42	50543	26.979	ng	81
6) Aniline	6.61	93	115683	21.587	ng	# 83
8) 2-Chlorophenol	6.74	128	115955	33.418	ng	97
9) Benzaldehyde	6.50	77	49651	15.684	ng	97
10) Phenol	6.61	94	147542	32.724	ng	76
11) bis(2-Chloroethyl)ether	6.68	93	117944	31.687	ng	99
12) 1,3-Dichlorobenzene	6.88	146	136390	33.561	ng	97
13) 1,4-Dichlorobenzene	6.96	146	137761	33.529	ng	99
14) 1,2-Dichlorobenzene	7.11	146	127730	33.922	ng	99
15) Benzyl Alcohol	7.09	79	99861	31.480	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	168613	34.527	ng	54
17) 2-Methylphenol	7.21	107	100997	34.013	ng	# 90
18) Hexachloroethane	7.45	117	46638	32.279	ng	91
19) n-Nitroso-di-n-propylamine	7.35	70	83555	32.085	ng	94
20) 3+4-Methylphenols	7.36	107	130361	39.239	ng	# 83
22) Acetophenone	7.35	105	164931	34.958	ng	98
24) Nitrobenzene	7.53	77	125727	32.453	ng	99
25) Isophorone	7.77	82	230425	34.460	ng	99
26) 2-Nitrophenol	7.85	139	65265	35.686	ng	95
27) 2,4-Dimethylphenol	7.88	122	109159	38.616	ng	98
28) bis(2-Chloroethoxy)methane	7.97	93	147993	32.963	ng	98
29) 2,4-Dichlorophenol	8.10	162	107612	36.362	ng	92
30) 1,2,4-Trichlorobenzene	8.17	180	118932	36.480	ng	98
31) Naphthalene	8.25	128	347206	35.216	ng	99
32) Benzoic acid	8.01	122	46689	25.726	ng	92
33) 4-Chloroaniline	8.30	127	67913	16.416	ng	97
34) Hexachlorobutadiene	8.35	225	79000	37.188	ng	98
35) Caprolactam	8.67	113	33068	34.278	ng	98
36) 4-Chloro-3-methylphenol	8.80	107	109189	35.052	ng	94
37) 2-Methylnaphthalene	8.94	142	257051	39.334	ng	96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	133466	36.025	ng	# 96
40) Hexachlorocyclopentadiene	9.08	237	47085	24.702	ng	96

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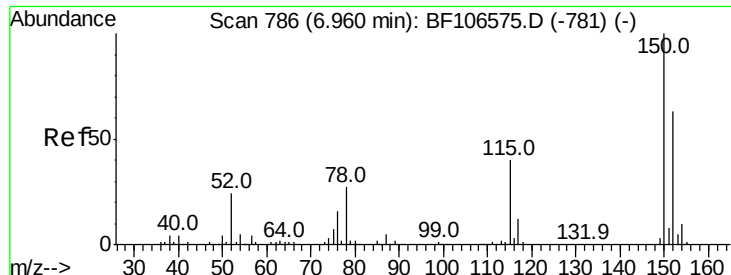
Manual Integrations
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 7/9/2018 2:06:12 PM

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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.22	196	73183	29.717	nq	95
43) 2,4,5-Trichlorophenol	9.28	196	72936m	28.383	nq	
45) 1,1'-Biphenyl	9.40	154	313388	35.745	nq	97
46) 2-Chloronaphthalene	9.44	162	226522	32.824	nq	94
47) 2-Nitroaniline	9.54	65	69735	30.050	nq	94
48) Acenaphthylene	9.85	152	361246	33.156	nq	99
49) Dimethylphthalate	9.70	163	259026	31.394	nq	98
50) 2,6-Dinitrotoluene	9.78	165	61289	35.079	nq	# 79
51) Acenaphthene	10.02	154	216233	31.516	nq	97
52) 3-Nitroaniline	9.95	138	35188	17.502	nq	99
53) 2,4-Dinitrophenol	10.07	184	37688	44.065	nq	# 15
54) Dibenzofuran	10.20	168	331144	35.248	nq	96
55) 4-Nitrophenol	10.13	139	38775	27.630	nq	88
56) 2,4-Dinitrotoluene	10.18	165	79164	34.713	nq	# 96
57) Fluorene	10.54	166	265884	35.665	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	61211	29.966	nq	# 77
59) Diethylphthalate	10.40	149	248033	31.146	nq	# 92
60) 4-Chlorophenyl-phenylether	10.52	204	137852	35.340	nq	# 85
61) 4-Nitroaniline	10.57	138	61035	30.589	nq	90
62) Azobenzene	10.68	77	244813	31.218	nq	95
64) 4,6-Dinitro-2-methylphenol	10.60	198	38363	27.360	nq	# 72
65) n-Nitrosodiphenylamine	10.65	169	226429	29.678	nq	99
66) 4-Bromophenyl-phenylether	11.02	248	93269	34.453	nq	# 77
67) Hexachlorobenzene	11.09	284	99127	34.986	nq	# 84
68) Atrazine	11.17	200	81695	33.682	nq	93
69) Pentachlorophenol	11.30	266	31738	22.450	nq	99
70) Phenanthrene	11.51	178	394054	36.018	nq	99
71) Anthracene	11.56	178	405334	36.297	nq	100
72) Carbazole	11.72	167	355810	34.032	nq	98
73) Di-n-butylphthalate	12.02	149	392532	31.869	nq	98
74) Fluoranthene	12.70	202	425934	35.322	nq	96
76) Benzidine	12.82	184	138669	29.091	nq	97
77) Pyrene	12.94	202	420033	38.057	nq	99
79) Butylbenzylphthalate	13.53	149	144960	31.944	nq	# 94
80) Benzo(a)anthracene	14.12	228	345800	33.899	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	65378	18.236	nq	# 95
82) Chrysene	14.17	228	327959	34.946	nq	99
83) Bis(2-ethylhexyl)phthalate	14.08	149	179105	30.872	nq	97
84) Di-n-octyl phthalate	14.70	149	282093	29.830	nq	96
85) Indeno(1,2,3-cd)pyrene	17.26	276	367548	46.150	nq	# 90
87) Benzo(b)fluoranthene	15.21	252	300177	30.511	nq	# 96
88) Benzo(k)fluoranthene	15.24	252	304415	32.491	nq	# 96
89) Benzo(a)pyrene	15.61	252	305130	34.887	nq	# 96
90) Dibenzo(a,h)anthracene	17.26	278	302466	40.806	nq	# 94
91) Benzo(g,h,i)perylene	17.74	276	318237	43.926	nq	# 89

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



#1

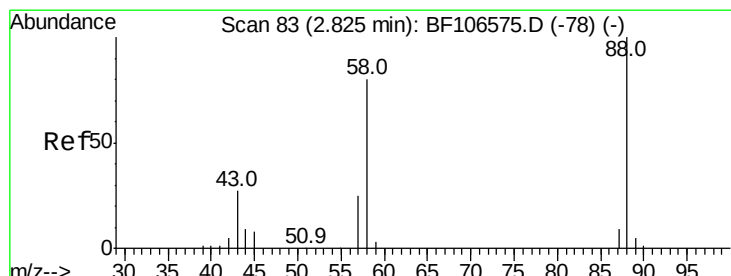
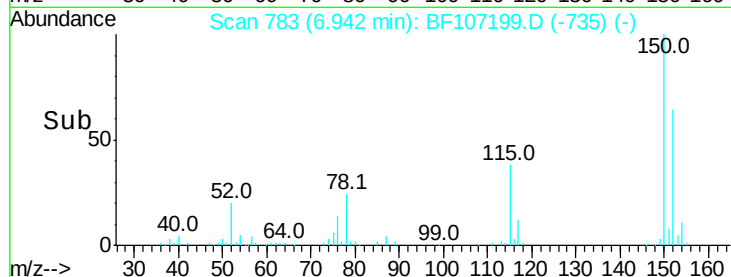
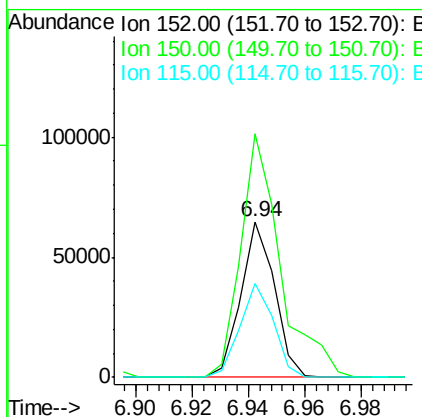
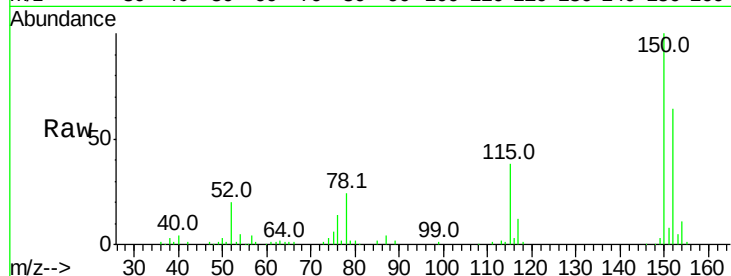
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 783
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampled :
PB110905BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	60.0	50.1	75.1

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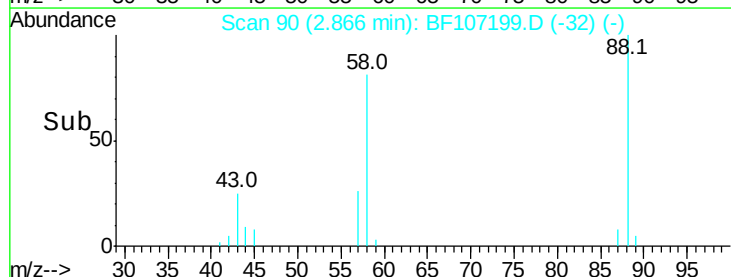
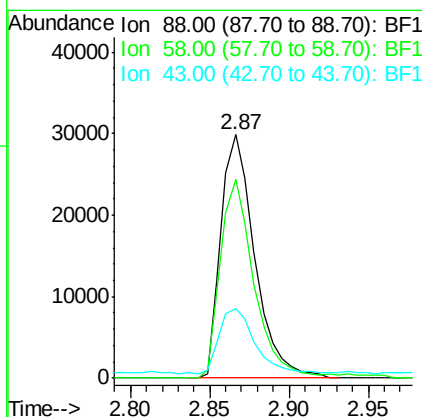
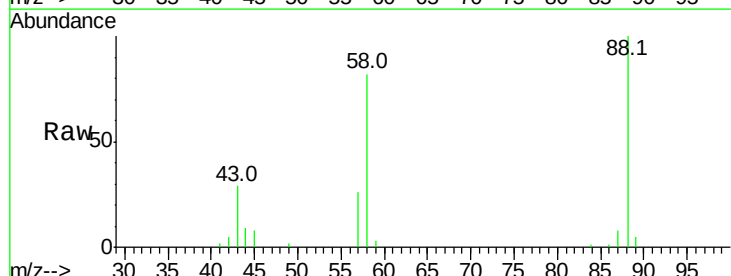
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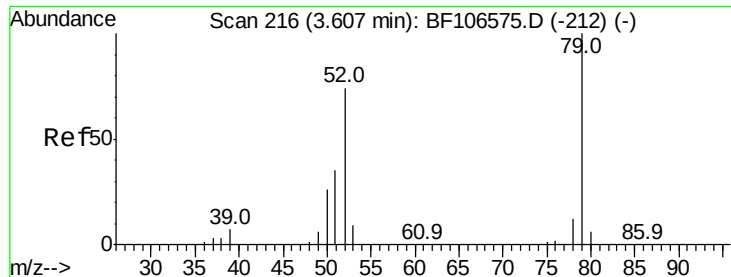


#2

1,4-Dioxane
Concen: 27.234 ng
RT: 2.87 min Scan# 90
Delta R.T. 0.04 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.4	62.6	93.8
43	27.8	24.6	37.0





#3

Pvridine

Concen: 29.448 ng

RT: 3.64 min Scan# 222

Delta R.T. 0.04 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

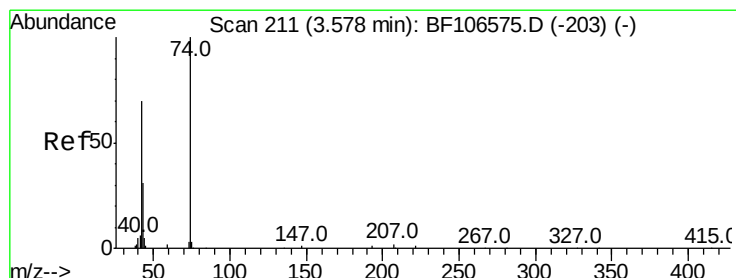
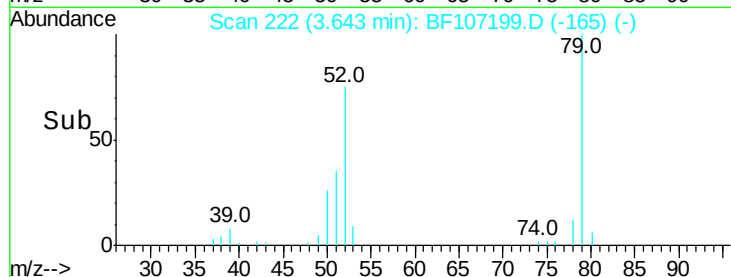
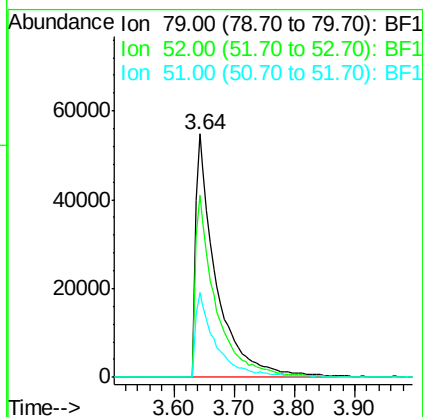
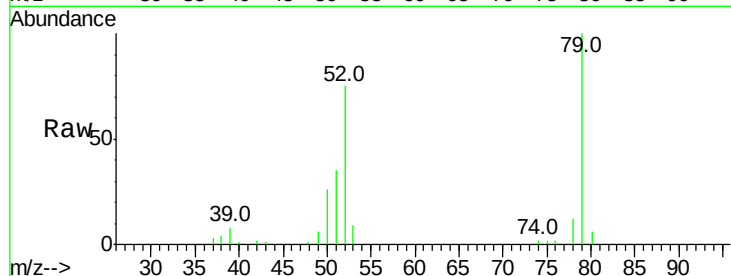
ClientSampleId :

PB110905BS

Tot Ion:	79	Resp:	129892
Ion Ratio	Lower	Upper	
79	100		
52	74.6	59.8	89.6
51	34.9	29.8	44.8

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 26.979 ng

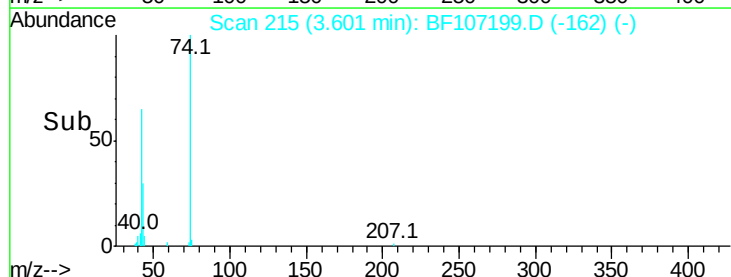
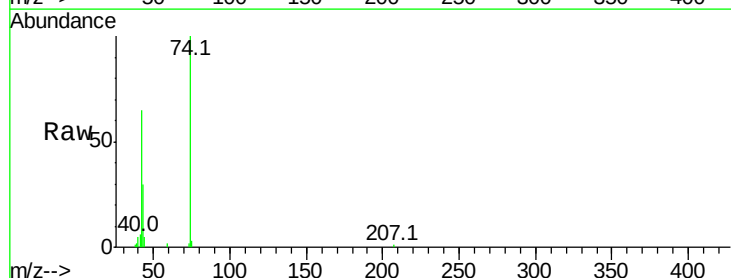
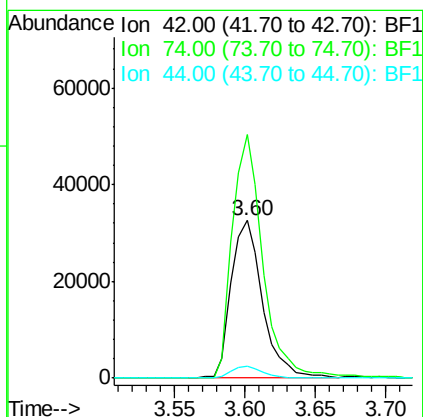
RT: 3.60 min Scan# 215

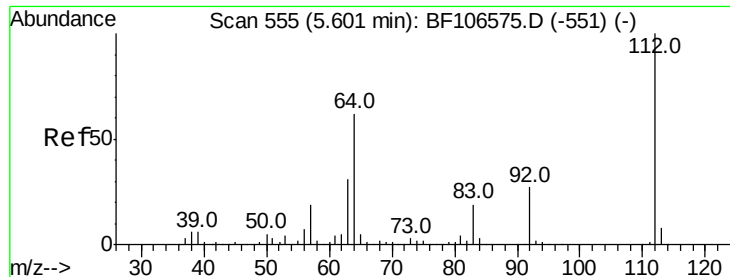
Delta R.T. 0.01 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	42	Resp:	50543
Ion Ratio	Lower	Upper	
42	100		
74	154.3	104.9	157.3
44	7.6	6.9	10.3





#5

2-Fluorophenol

Concen: 99.947 ng

RT: 5.60 min Scan# 554

Delta R.T. -0.01 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

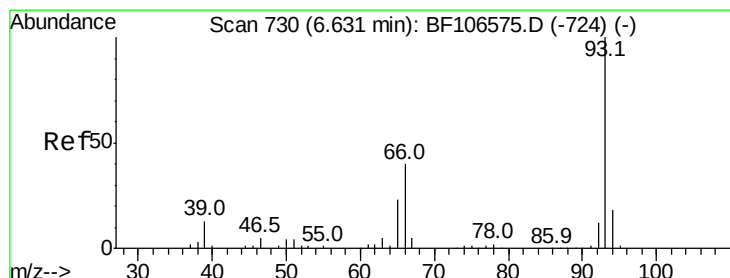
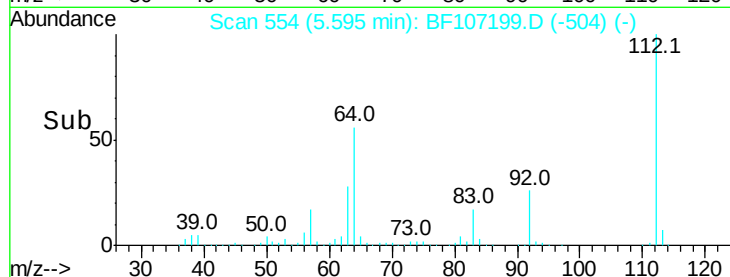
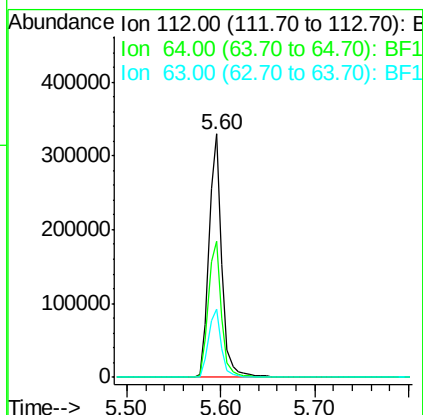
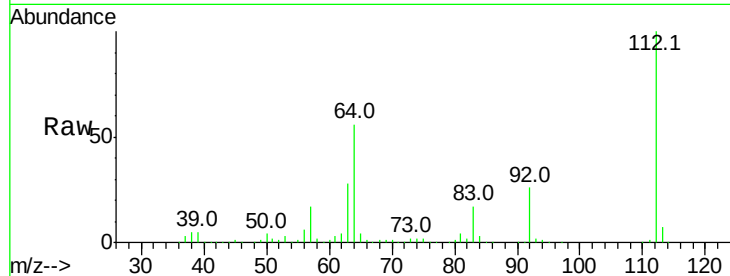
ClientSampled :

PB110905BS

Tot Ion:	112	Resp:	316187
Ion Ratio	Lower	Upper	
112	100		
64	56.2	47.9	71.9
63	27.9	23.7	35.5

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#6

Aniline

Concen: 21.587 ng

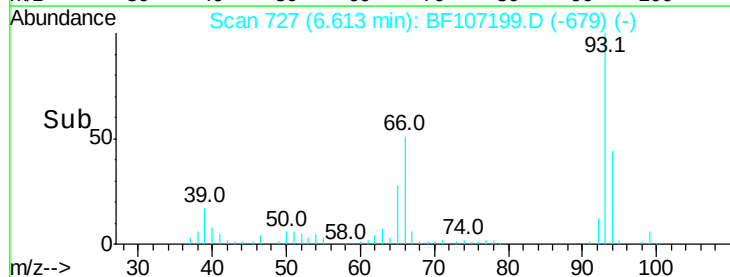
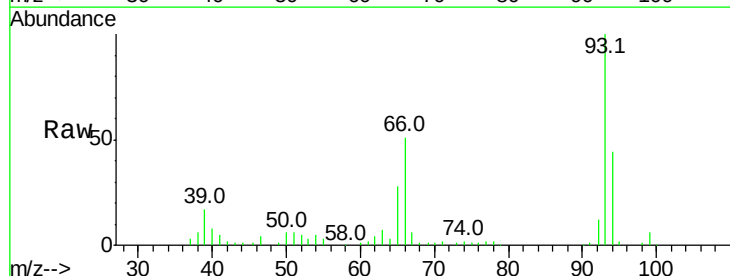
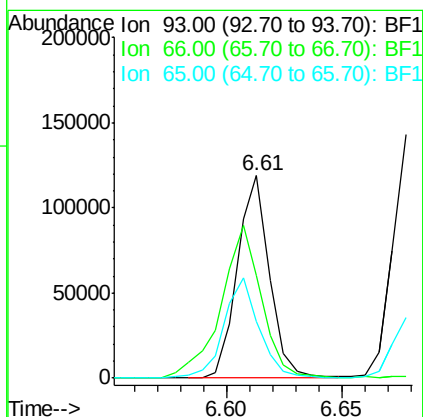
RT: 6.61 min Scan# 727

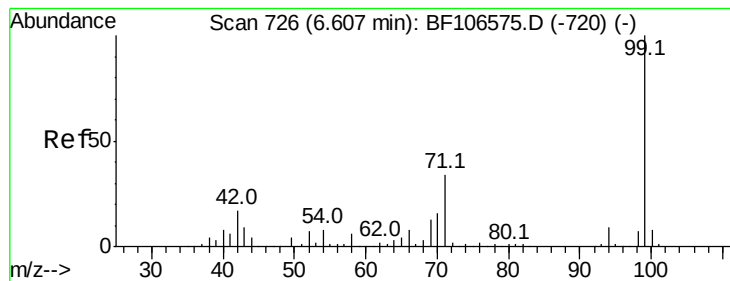
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	93	Resp:	115683
Ion Ratio	Lower	Upper	
93	100		
66	50.6	32.2	48.2#
65	28.1	16.4	24.6#





#7

Phenol-d6

Concen: 98.035 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

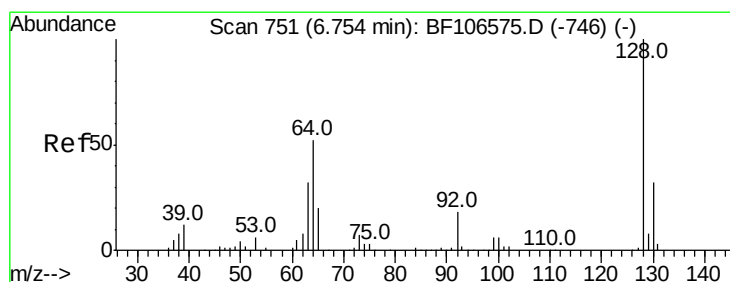
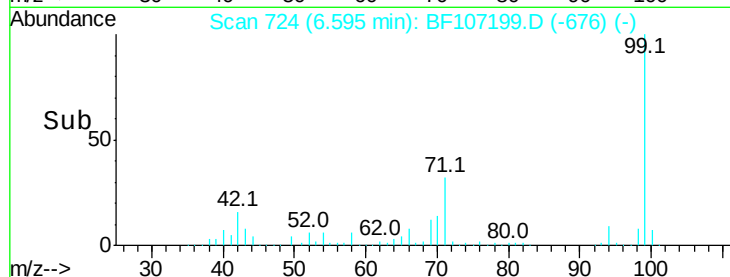
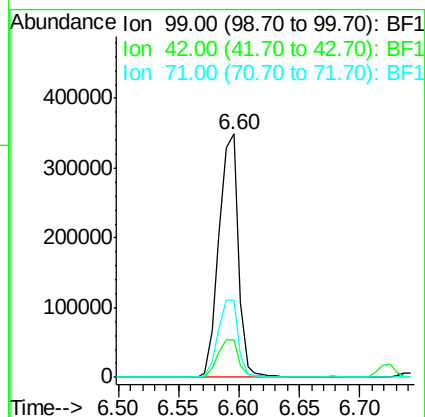
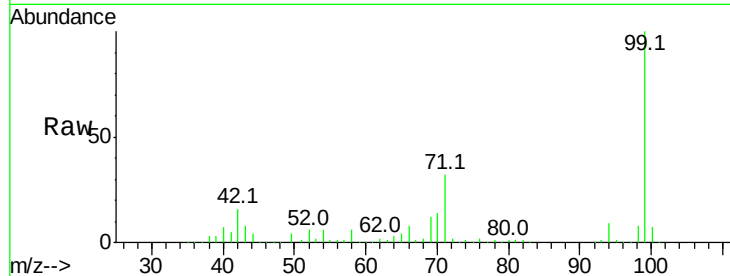
ClientSampleId :

PB110905BS

Tot Ion:	99	Resp:	387304
Ion Ratio	Lower	Upper	
99	100		
42	15.7	14.5	21.7
71	31.9	25.4	38.0

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#8

2-Chlorophenol

Concen: 33.418 ng

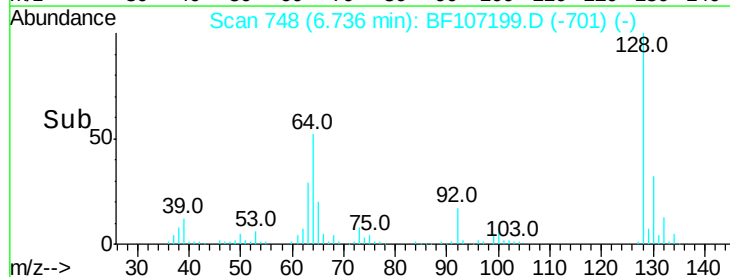
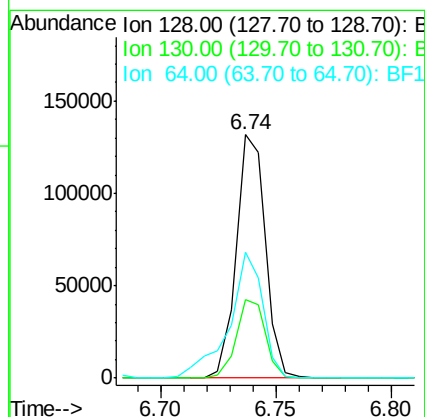
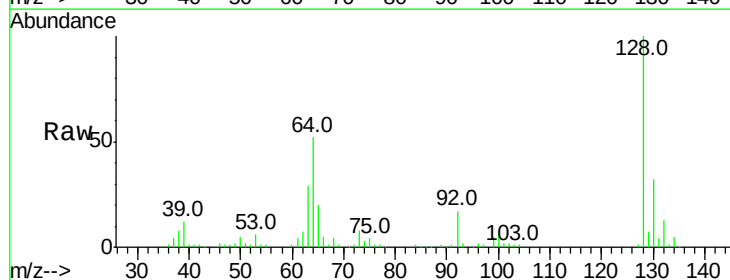
RT: 6.74 min Scan# 748

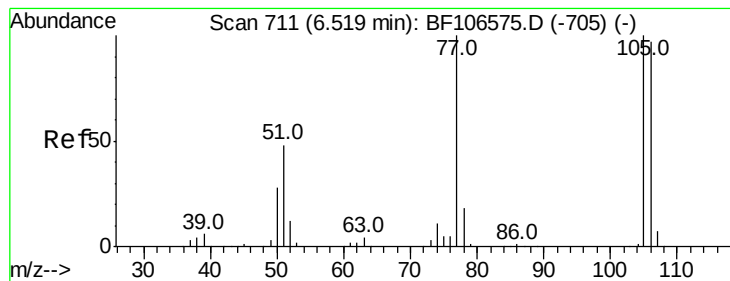
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	128	Resp:	115955
Ion Ratio	Lower	Upper	
128	100		
130	32.4	13.0	53.0
64	51.9	29.4	69.4





#9

Benzaldehyde

Concen: 15.684 ng

RT: 6.50 min Scan# 708

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

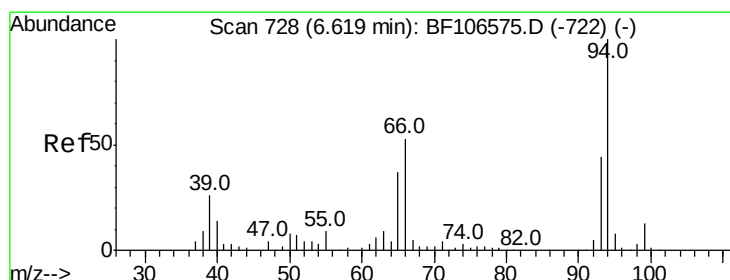
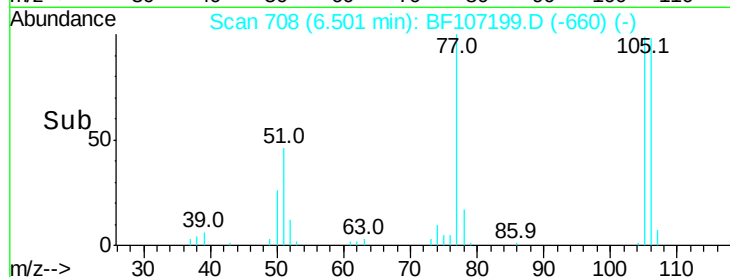
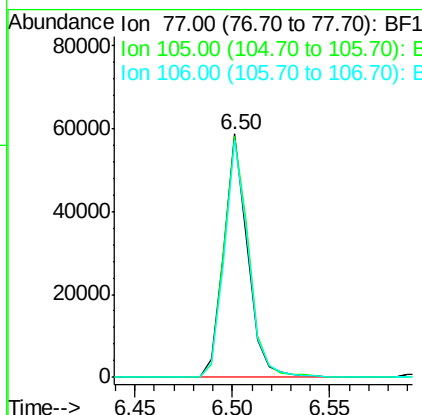
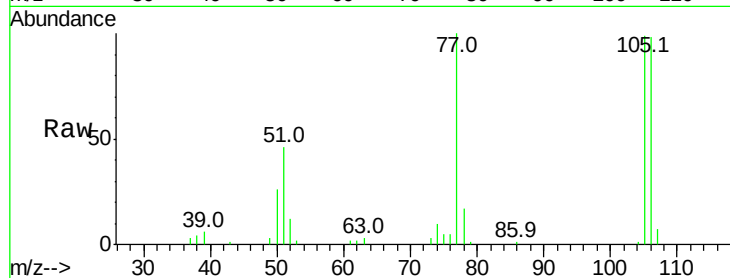
ClientSampleId :

PB110905BS

Tot Ion:	77	Resp:	49651
Ion	Ratio	Lower	Upper
77	100		
105	98.8	81.1	121.1
106	97.7	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 32.724 ng

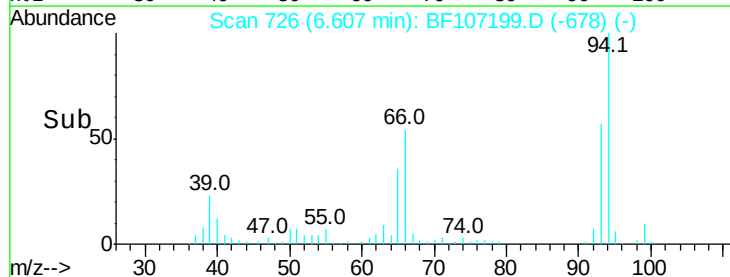
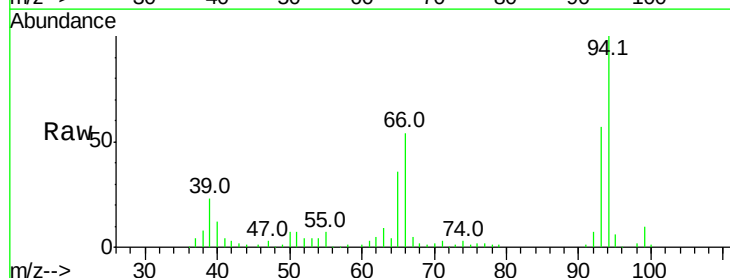
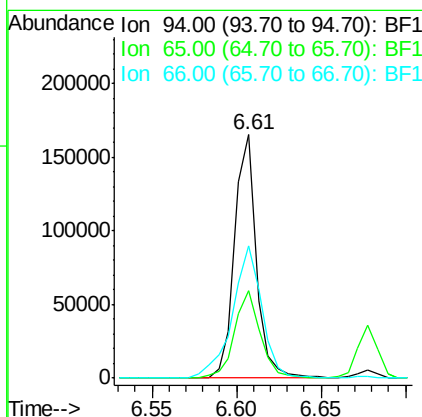
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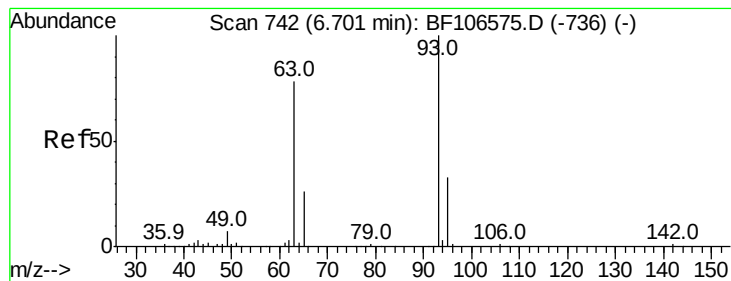
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	94	Resp:	147542
Ion	Ratio	Lower	Upper
94	100		
65	35.7	7.9	47.9
66	54.5	16.2	56.2





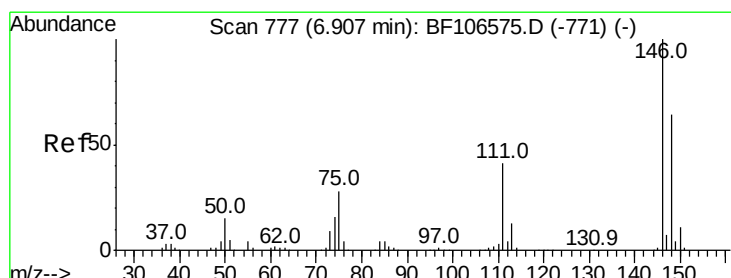
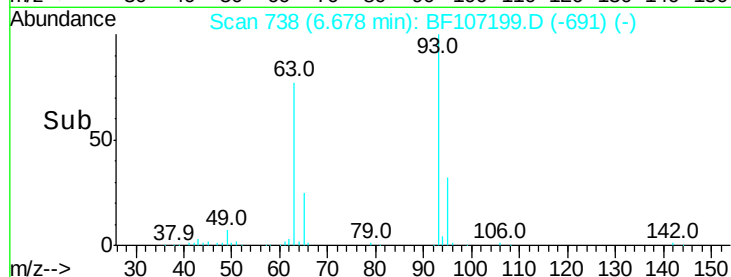
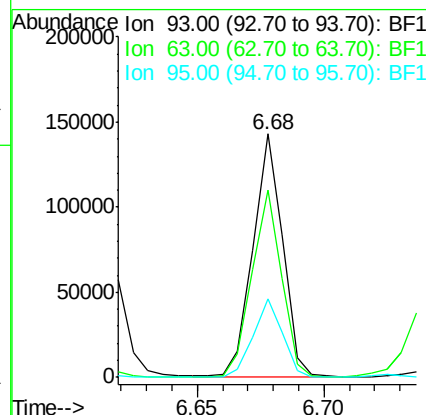
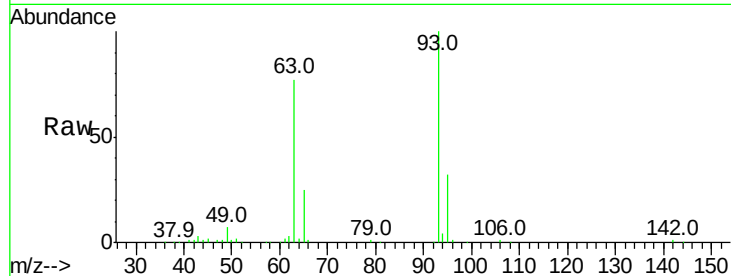
#11
bis(2-Chloroethyl)ether
Concen: 31.687 ng
RT: 6.68 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	117944		
63	77.1	58.6	98.6	
95	32.2	11.8	51.8	

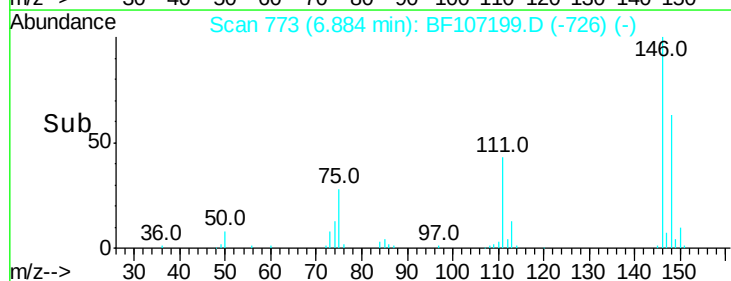
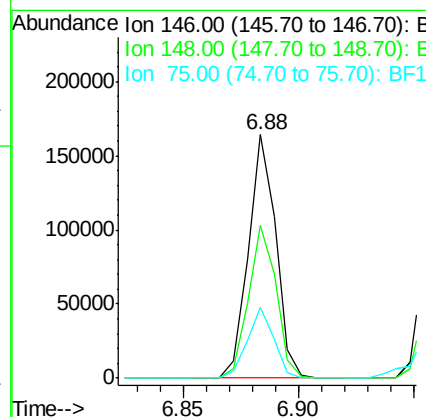
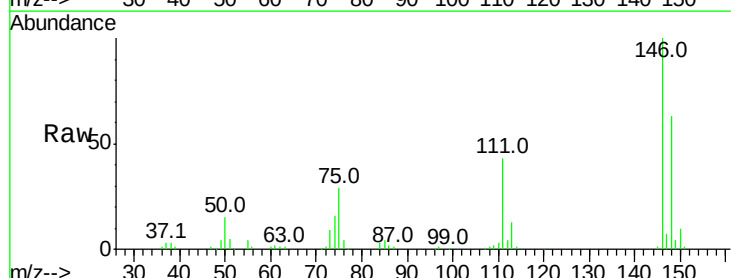
Manual Integrations
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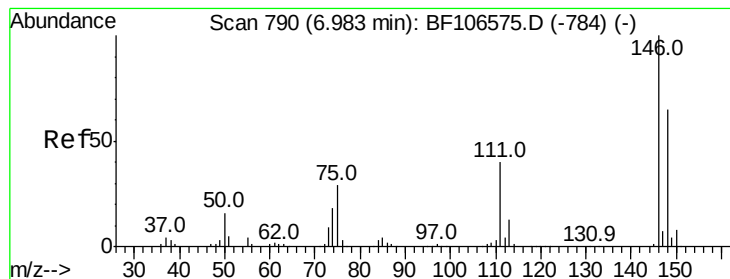
Sohil
7/9/2018 2:06:12 PM



#12
1,3-Dichlorobenzene
Concen: 33.561 ng
RT: 6.88 min Scan# 773
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	136390		
148	62.6	51.8	77.8	
75	29.2	24.2	36.4	





#13

1,4-Dichlorobenzene

Concen: 33.529 ng

RT: 6.96 min Scan# 786

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

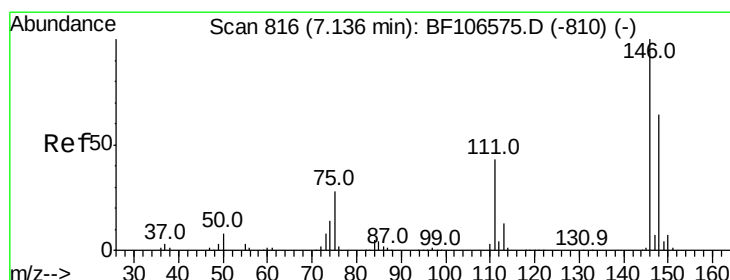
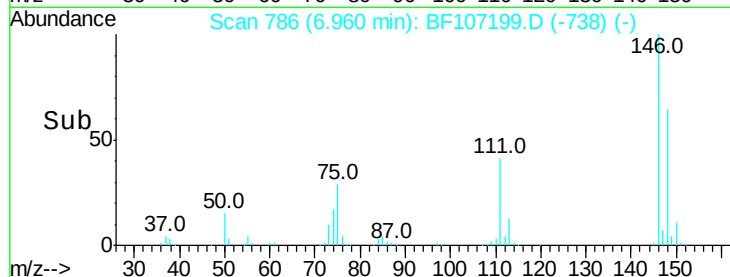
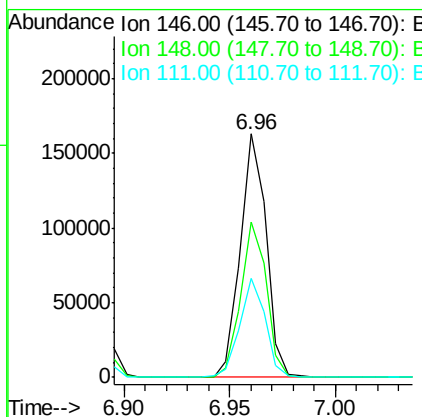
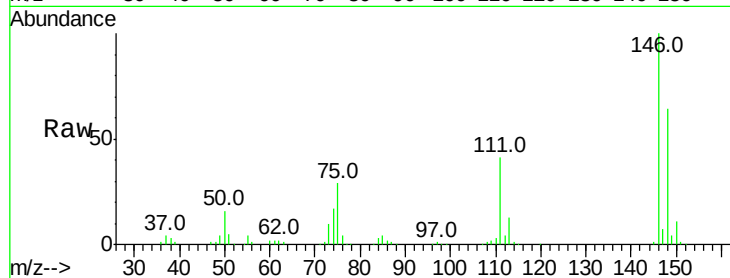
ClientSampleId :

PB110905BS

Tot Ion:	146	Resp:	137761
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.8	76.2
111	40.6	34.2	51.2

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#14

1,2-Dichlorobenzene

Concen: 33.922 ng

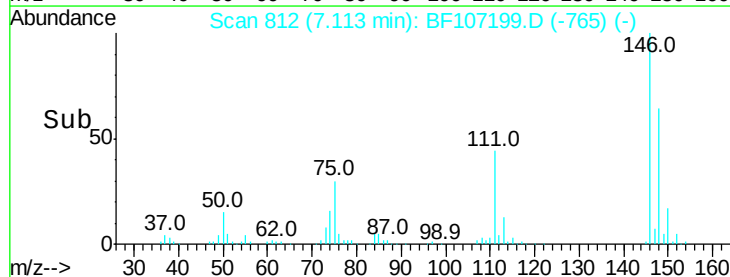
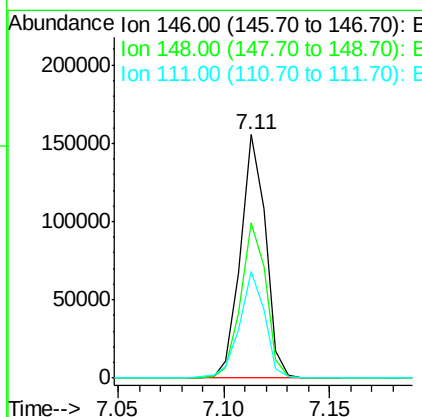
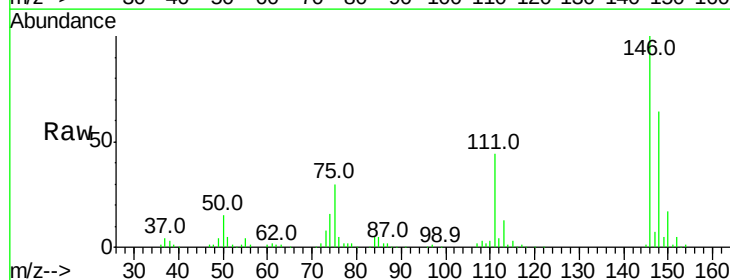
RT: 7.11 min Scan# 812

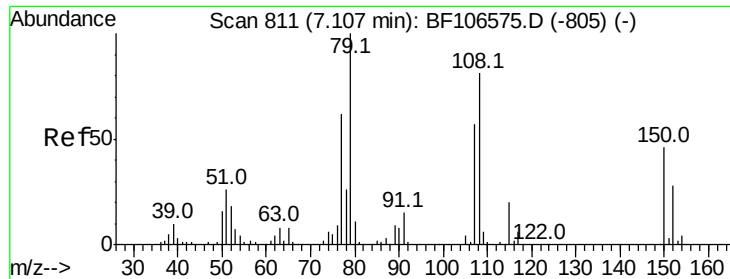
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	146	Resp:	127730
Ion Ratio	Lower	Upper	
146	100		
148	63.6	50.6	75.8
111	43.7	36.0	54.0





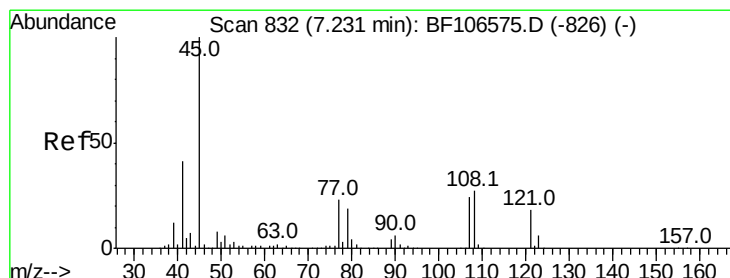
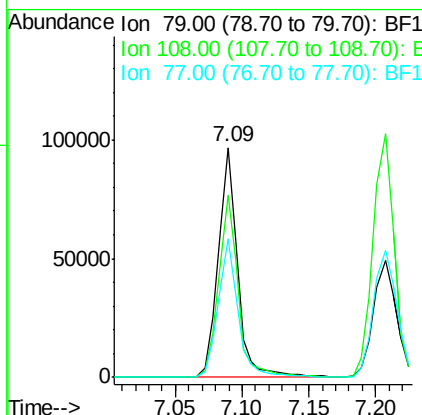
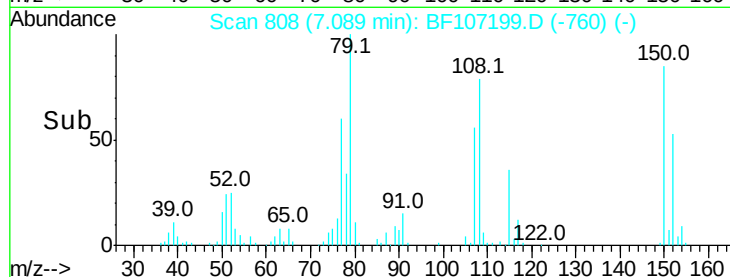
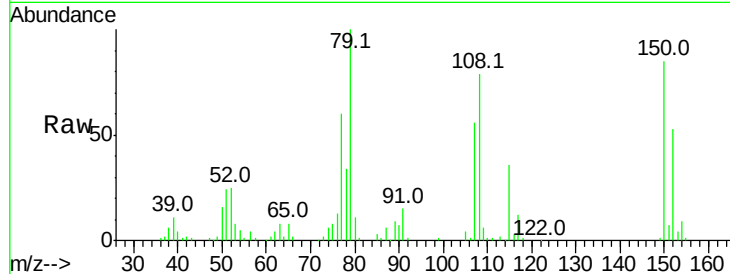
#15
Benzyl Alcohol
Concen: 31.480 ng
RT: 7.09 min Scan# 808
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampled :
PB110905BS

Tot Ion:	79	Resp:	99861
Ion Ratio	Lower	Upper	
79	100		
108	79.3	65.1	97.7
77	60.2	50.6	75.8

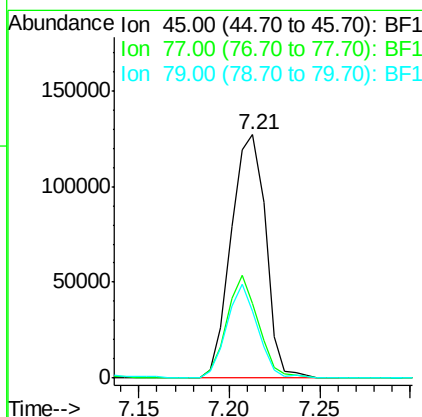
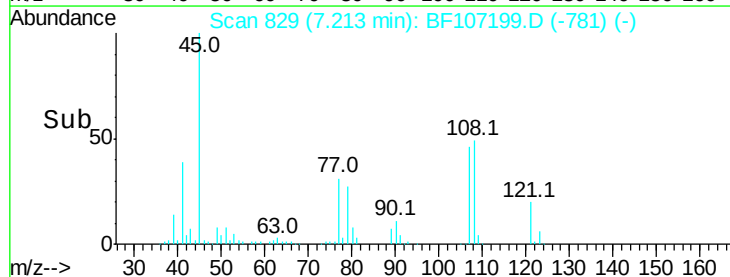
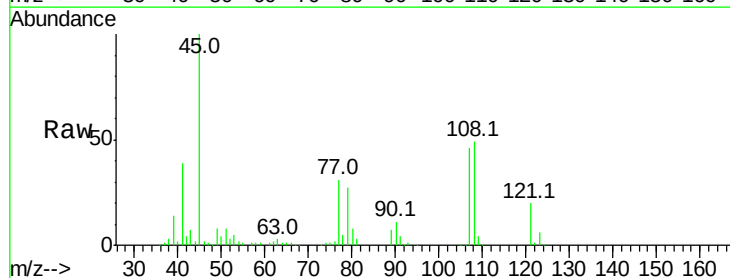
Manual Integrations
APPROVED

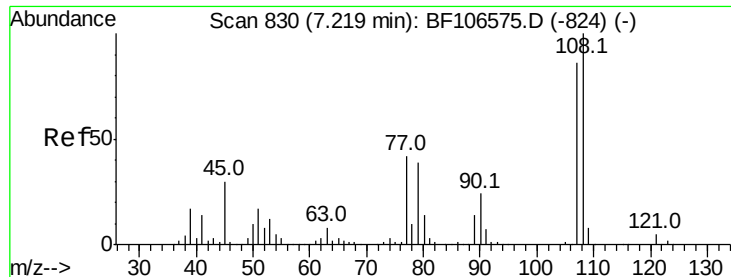
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.527 ng
RT: 7.21 min Scan# 829
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion:	45	Resp:	168613
Ion Ratio	Lower	Upper	
45	100		
77	30.7	0.0	32.9
79	27.5	0.0	29.6





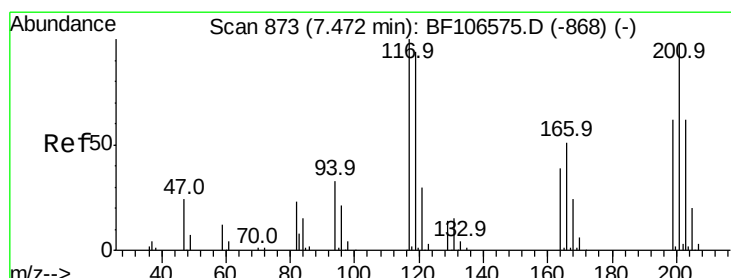
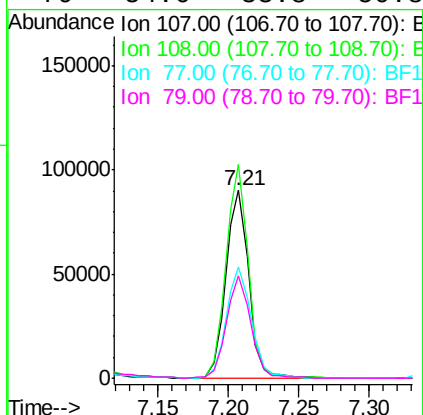
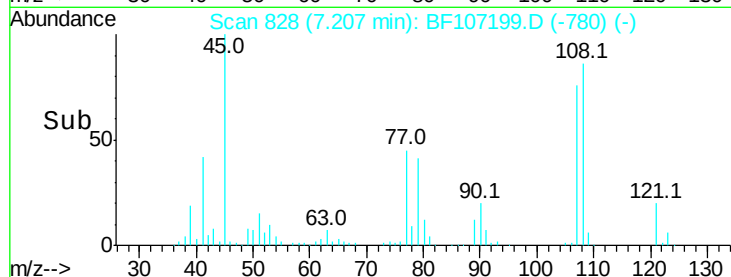
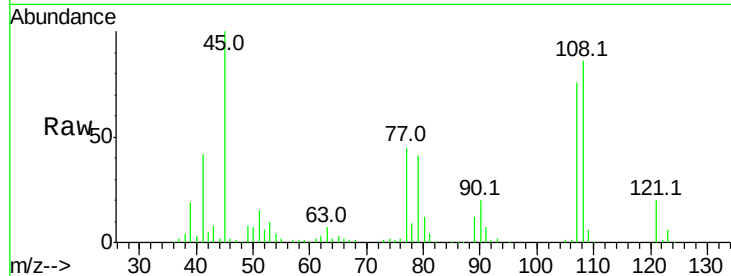
#17
2-Methylphenol
Concen: 34.013 ng
RT: 7.21 min Scan# 828
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.6	91.7	137.5	
77	59.4	33.8	50.8#	
79	54.6	33.8	50.8#	

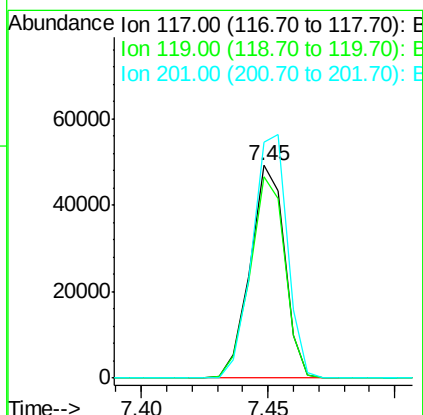
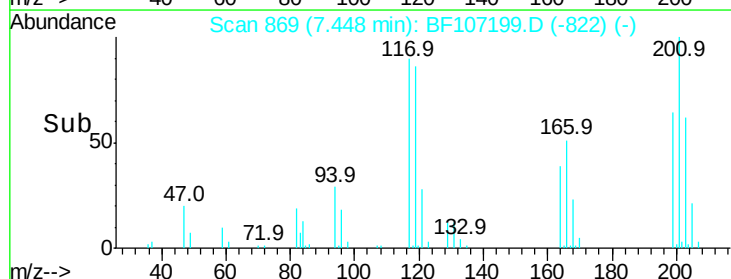
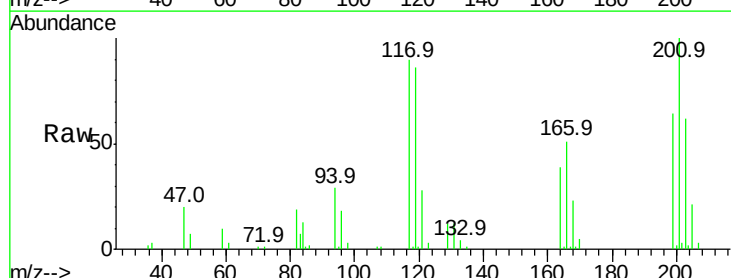
Manual Integrations
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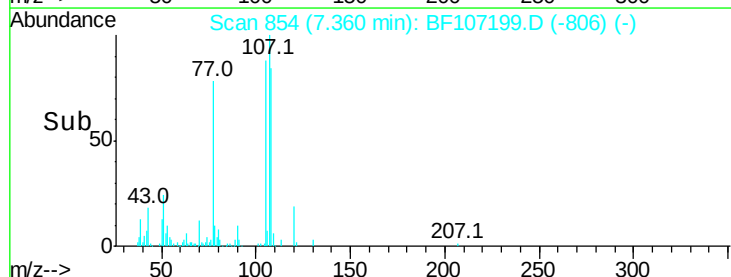
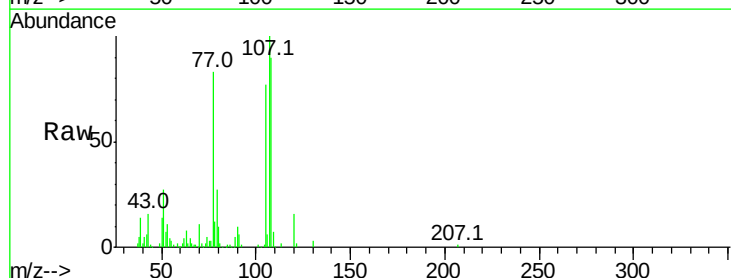
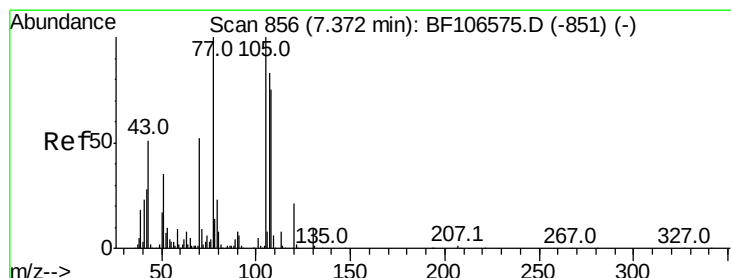
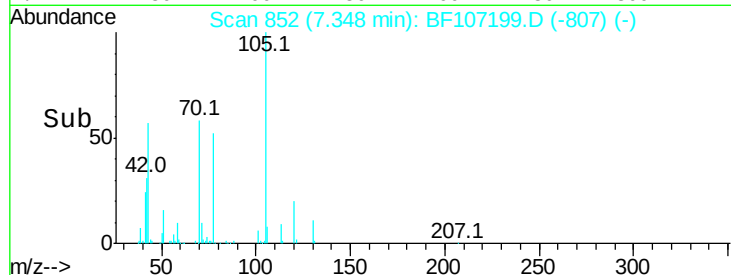
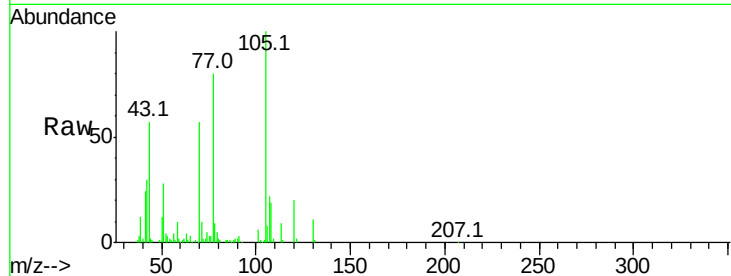
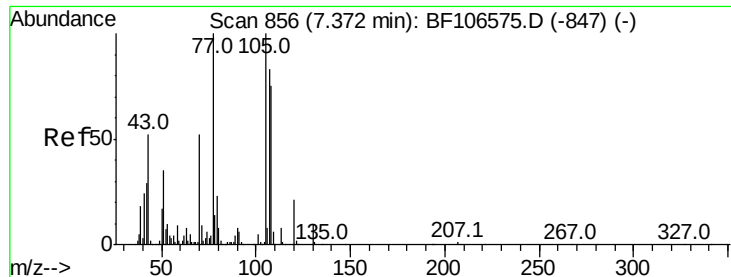
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#18
Hexachloroethane
Concen: 32.279 ng
RT: 7.45 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

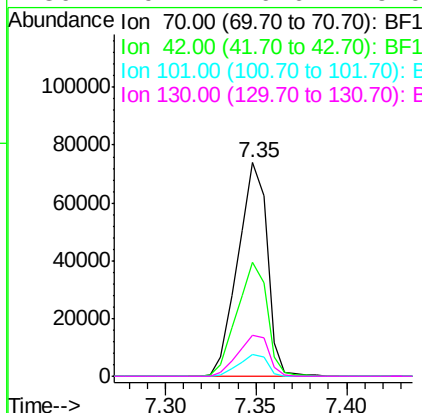
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.9	75.8	113.8	
201	111.0	75.7	113.5	





#19
n-Nitroso-di-n-propylamine
Concen: 32.085 ng
RT: 7.35 min Scan# 852
Delta R.T. -0.04 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tot Ion	70	Resp	83555
Ion Ratio	Lower	Upper	
70	100		
42	53.2	47.5	71.3
101	9.9	7.4	11.2
130	19.2	16.6	25.0



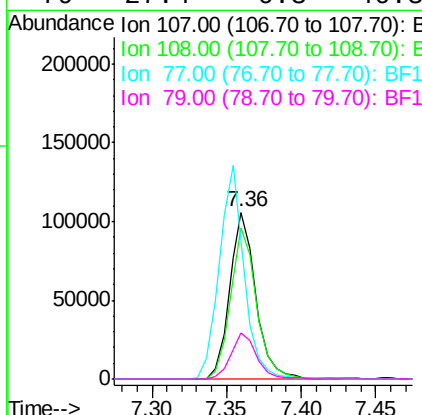
Instrument :
BNA_F
ClientSampleId :
PB110905BS

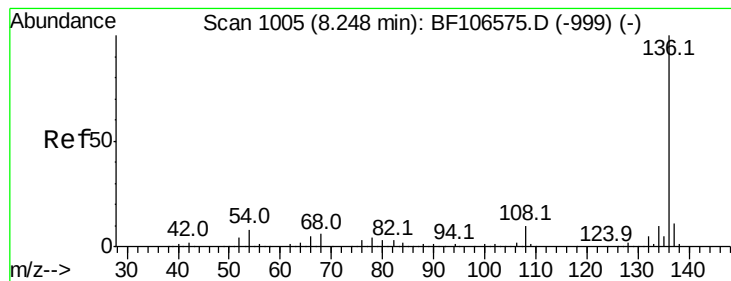
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#20
3+4-Methylphenols
Concen: 39.239 ng
RT: 7.36 min Scan# 854
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	107	Resp	130361
Ion Ratio	Lower	Upper	
107	100		
108	90.2	68.2	108.2
77	83.1	26.7	66.7#
79	27.4	6.3	46.3





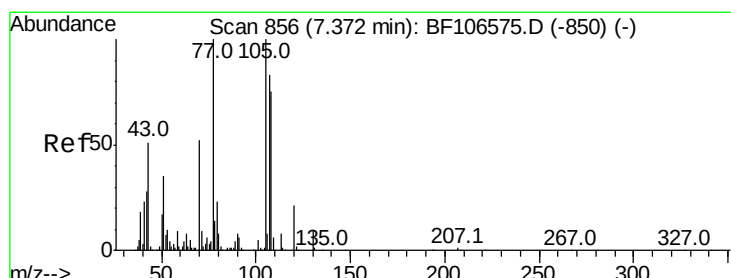
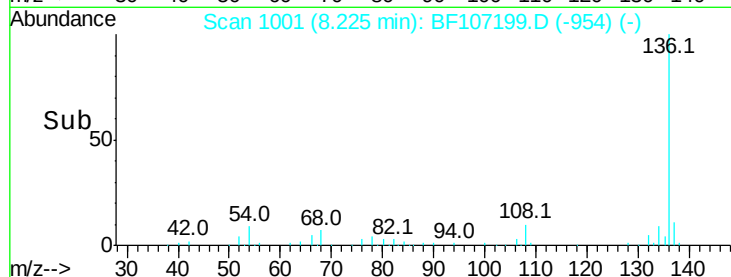
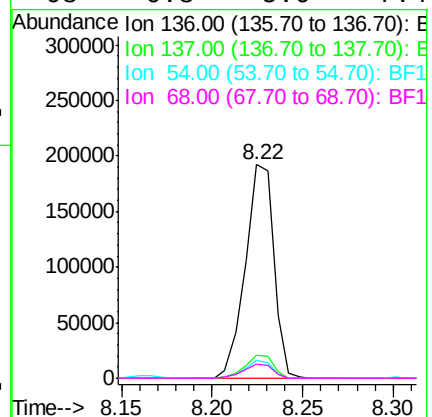
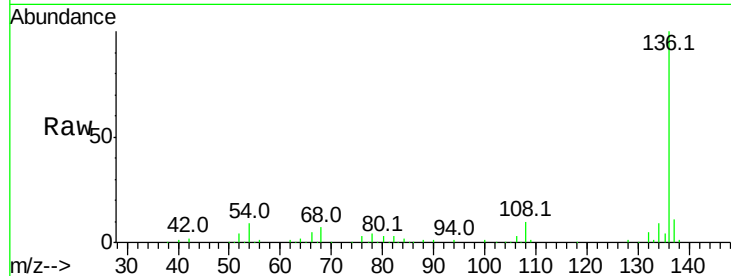
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	210882		
137	10.7		8.9	13.3
54	8.5		6.6	9.8
68	6.8		5.0	7.4

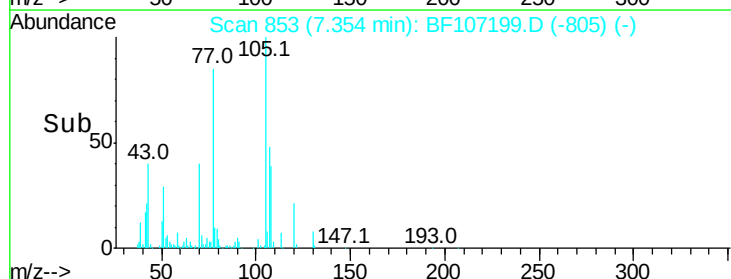
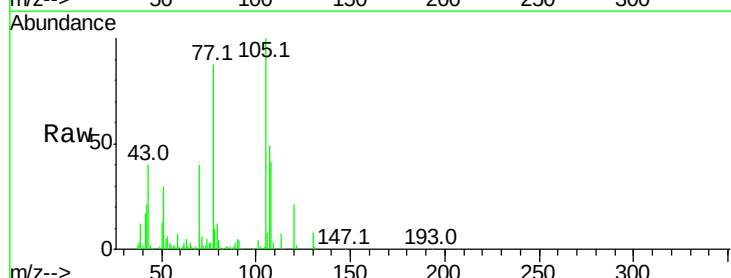
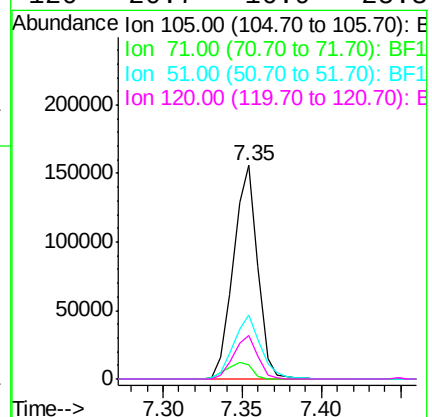
Manual Integrations
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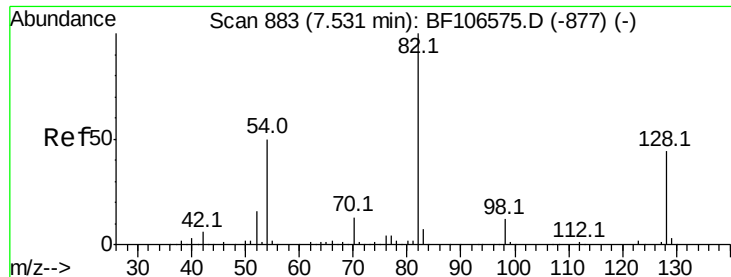
Sohil
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#22
Acetophenone
Concen: 34.958 ng
RT: 7.35 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164931		
71	6.4		4.4	6.6
51	29.8		22.3	33.5
120	20.7		16.9	25.3





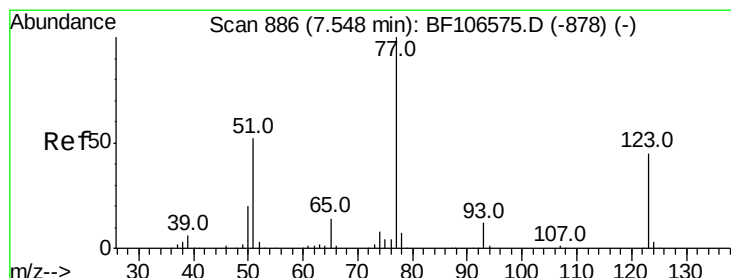
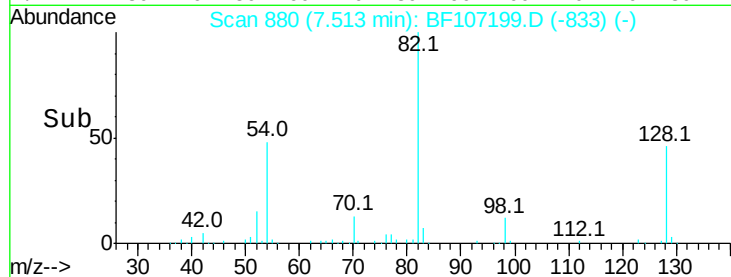
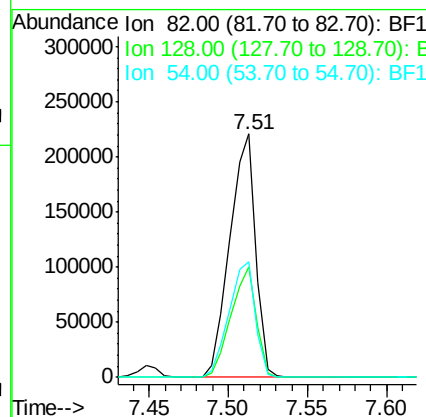
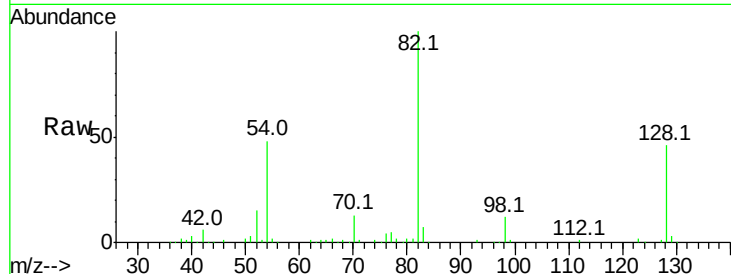
#23
Nitrobenzene-d5
Concen: 65.726 ng
RT: 7.51 min Scan# 880
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	36.1	54.1
54	47.5	41.4	62.2

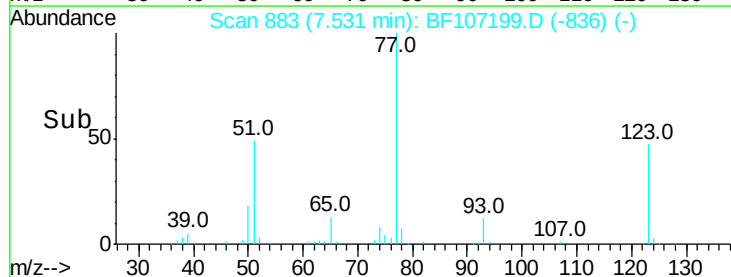
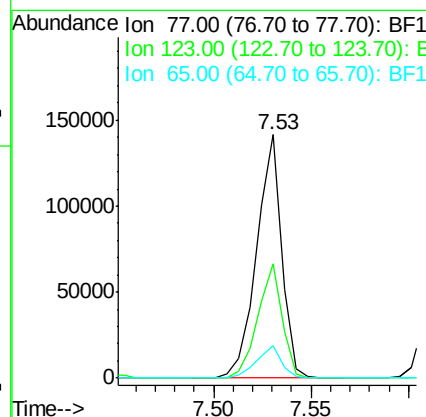
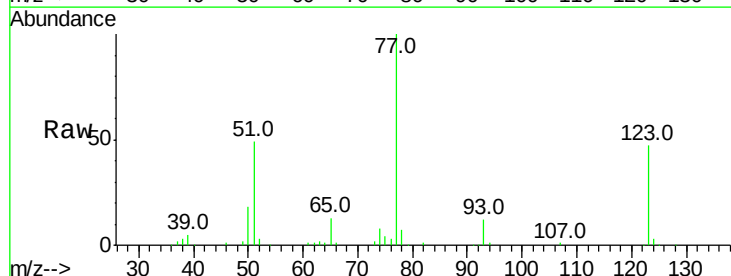
Manual Integrations
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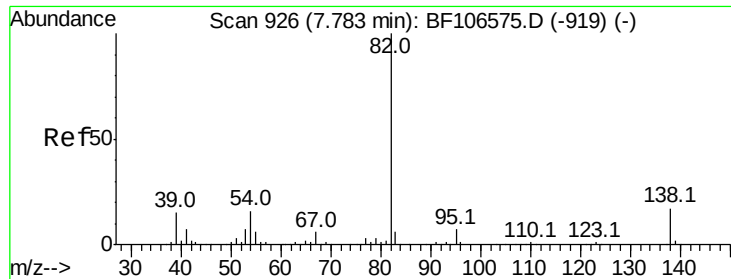
Sohil
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#24
Nitrobenzene
Concen: 32.453 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	37.9	56.9
65	13.4	11.0	16.4





#25

Isophorone

Concen: 34.460 ng

RT: 7.77 min Scan# 923

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

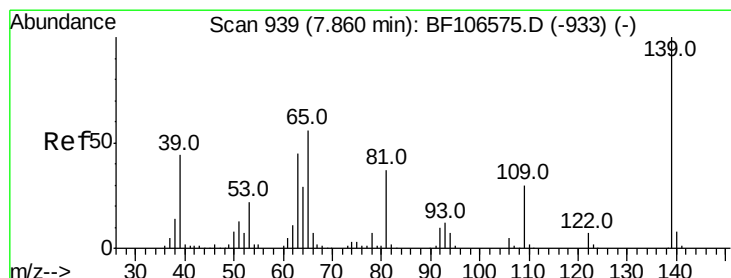
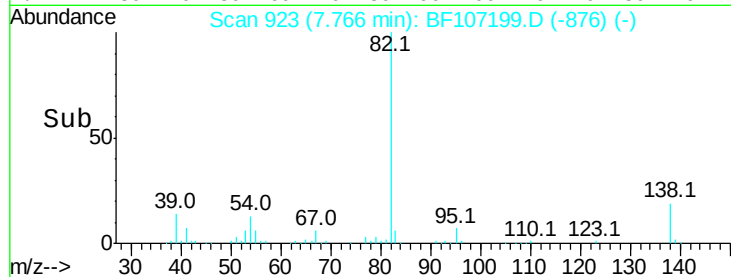
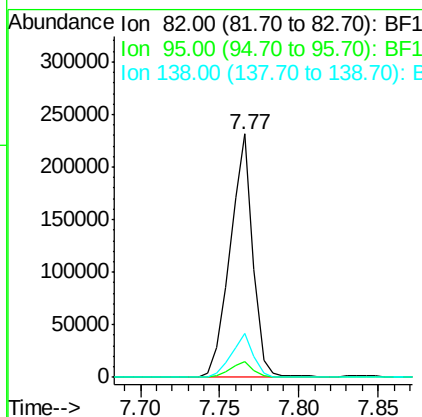
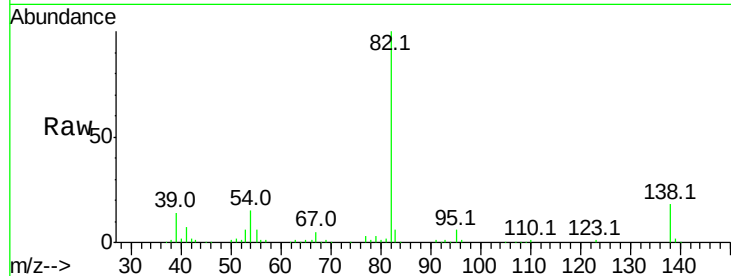
ClientSampleId :

PB110905BS

Tot Ion:	82	Resp:	230425
Ion Ratio	Lower	Upper	
82	100		
95	6.4	5.2	7.8
138	18.0	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 35.686 ng

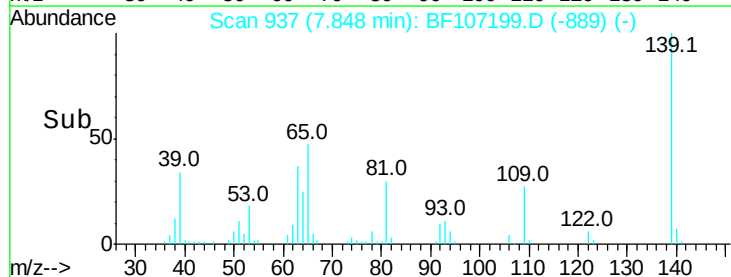
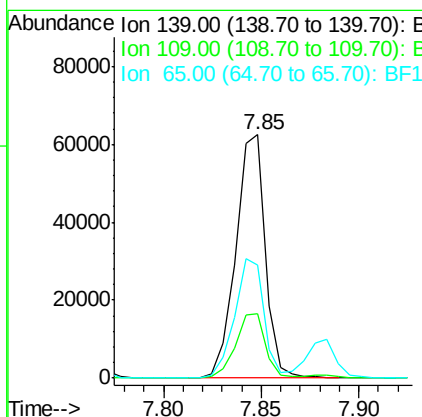
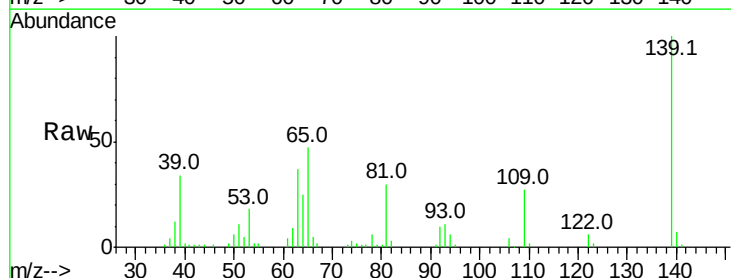
RT: 7.85 min Scan# 937

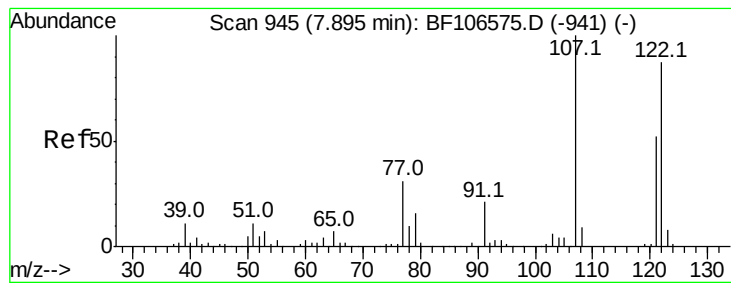
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	139	Resp:	65265
Ion Ratio	Lower	Upper	
139	100		
109	26.7	22.7	34.1
65	46.6	40.5	60.7





#27

2,4-Dimethylphenol

Concen: 38.616 ng

RT: 7.88 min Scan# 943

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

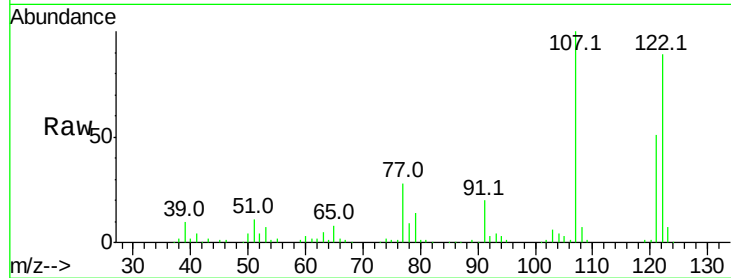
ClientSampleId :

PB110905BS

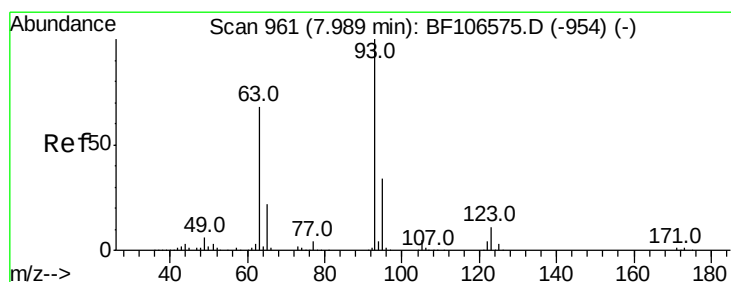
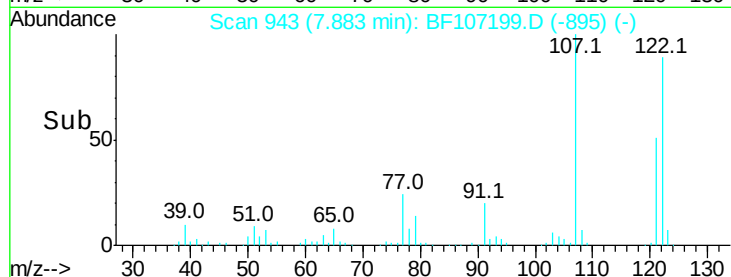
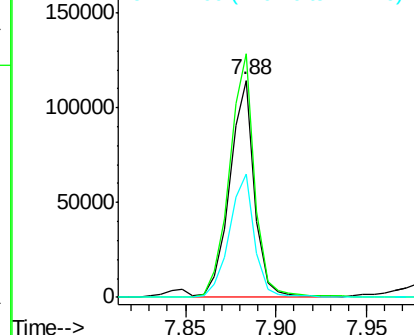
Tot Ion:	122	Resp:	109159
Ion Ratio	Lower	Upper	
122	100		
107	112.2	91.2	136.8
121	56.8	47.2	70.8

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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: 32.963 ng

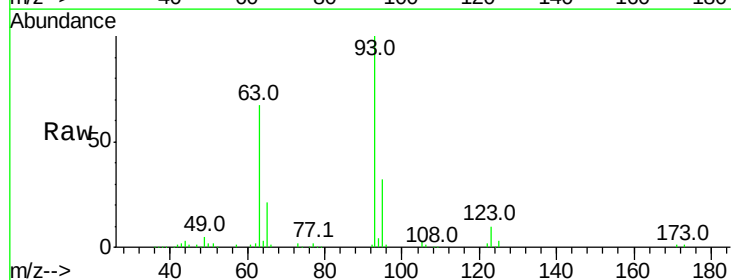
RT: 7.97 min Scan# 957

Delta R.T. -0.02 min

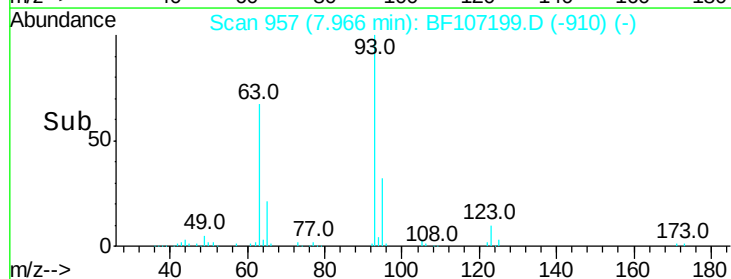
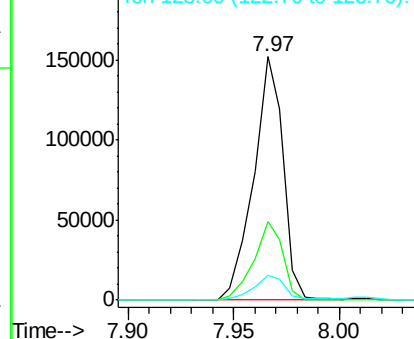
Lab File: BF107199.D

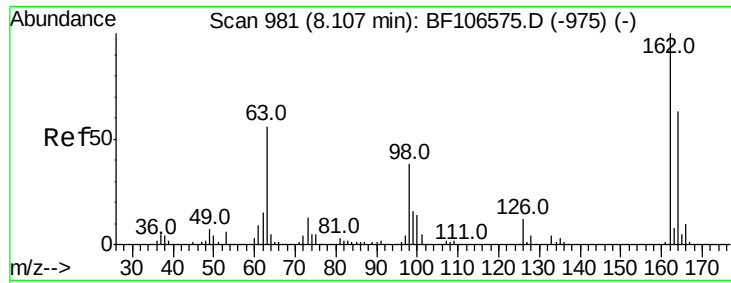
Acq: 7 Jul 2018 12:03

Tgt Ion:	93	Resp:	147993
Ion Ratio	Lower	Upper	
93	100		
95	32.2	26.3	39.5
123	10.0	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





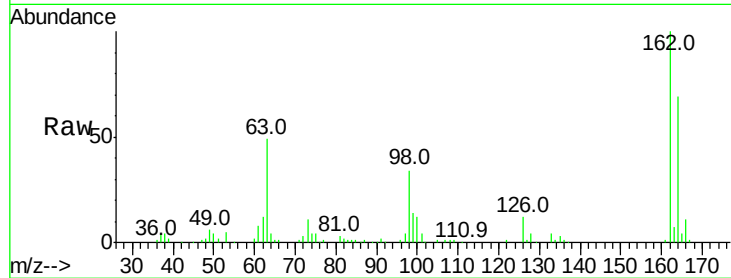
#29
 2,4-Dichlorophenol
 Concen: 36.362 ng
 RT: 8.10 min Scan# 979
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

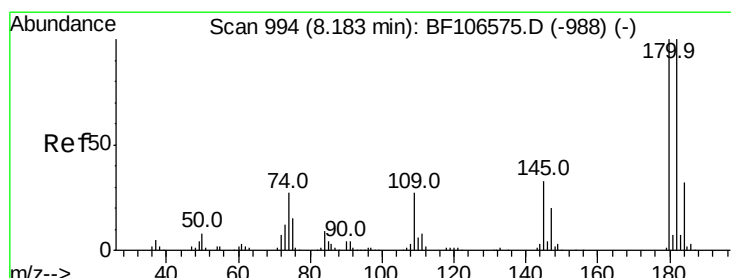
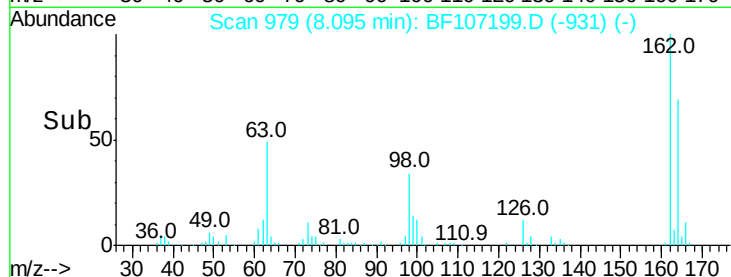
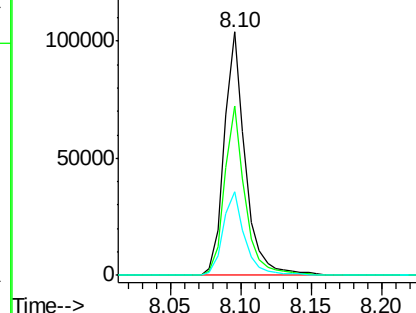
Tot Ion	Ratio	Resp	Lower	Upper
162	100	107612		
164	69.4	42.7	82.7	
98	34.2	18.1	58.1	

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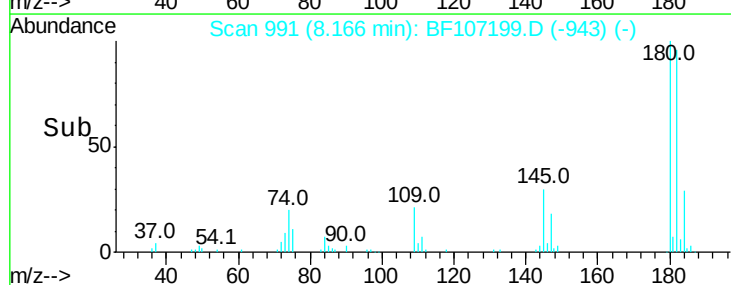
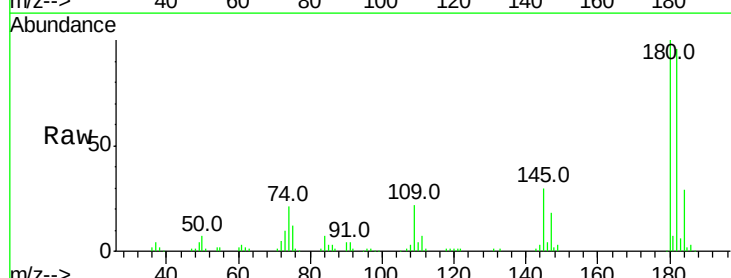
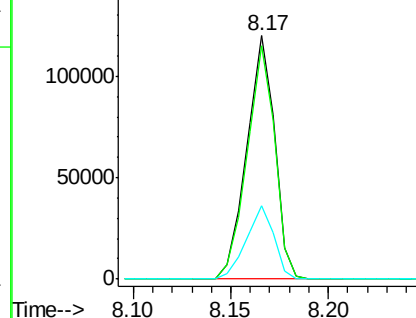
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

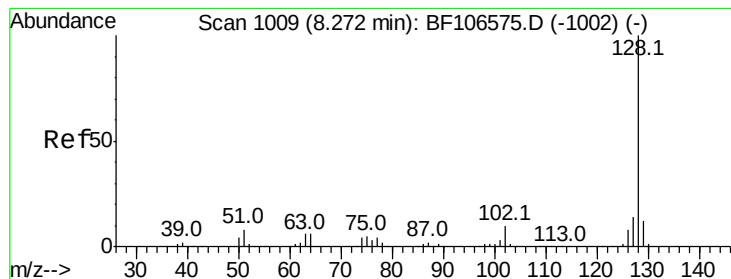


#30
 1,2,4-Trichlorobenzene
 Concen: 36.480 ng
 RT: 8.17 min Scan# 991
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118932		
182	95.7	76.8	115.2	
145	30.2	26.5	39.7	

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





#31

Naphthalene

Concen: 35.216 ng

RT: 8.25 min Scan# 1005

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

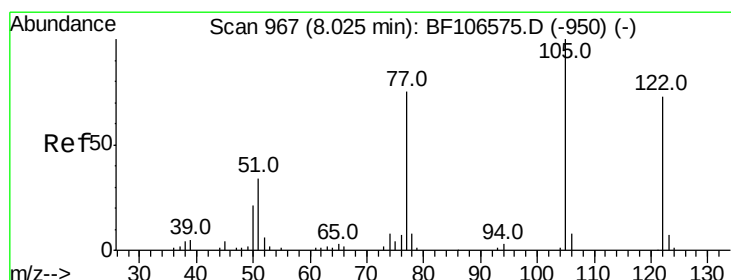
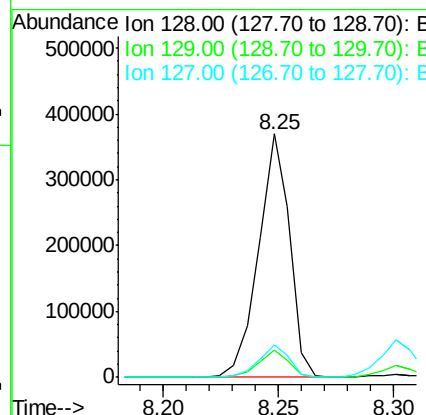
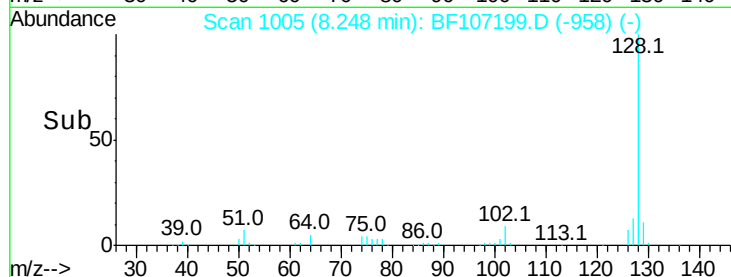
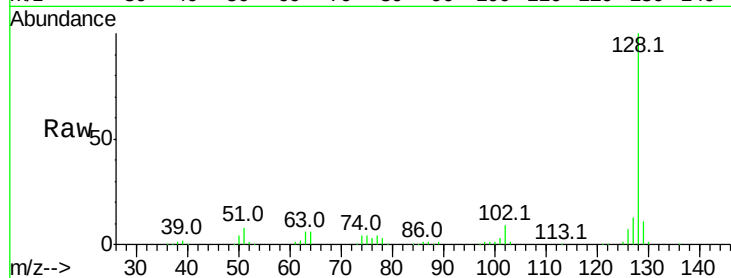
ClientSampleId :

PB110905BS

Tot Ion:	128	Resp:	347206
Ion Ratio	Lower	Upper	
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3

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#32

Benzoic acid

Concen: 25.726 ng

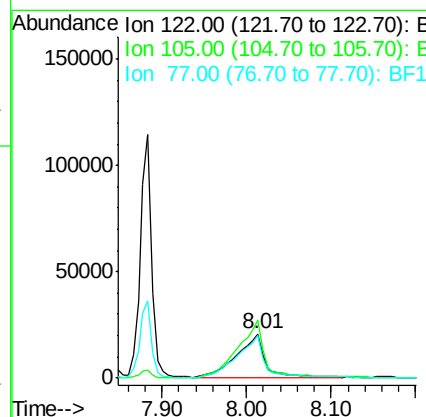
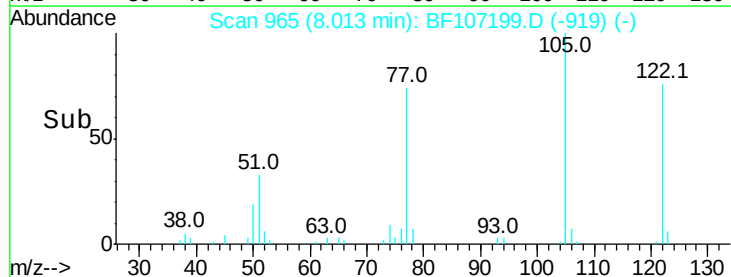
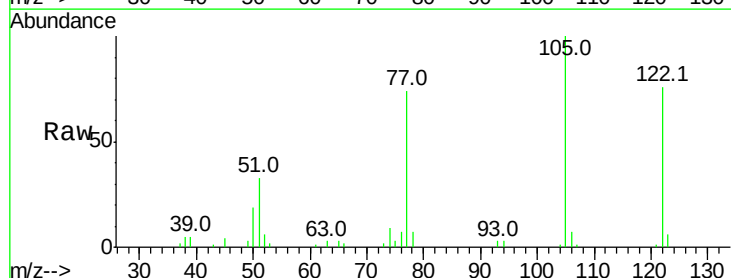
RT: 8.01 min Scan# 965

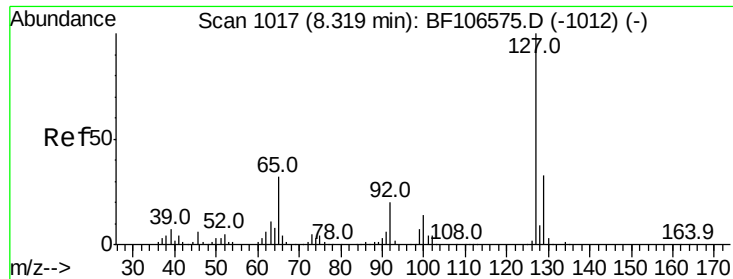
Delta R.T. -0.03 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	122	Resp:	46689
Ion Ratio	Lower	Upper	
122	100		
105	131.4	101.1	141.1
77	97.1	70.7	110.7





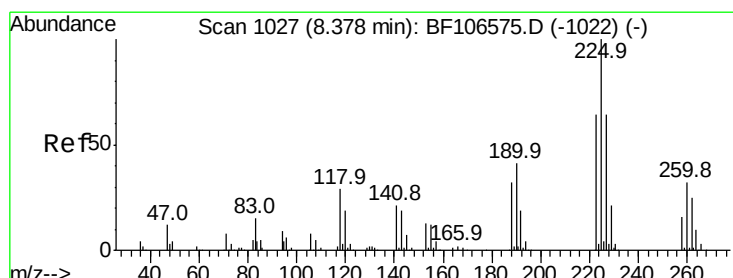
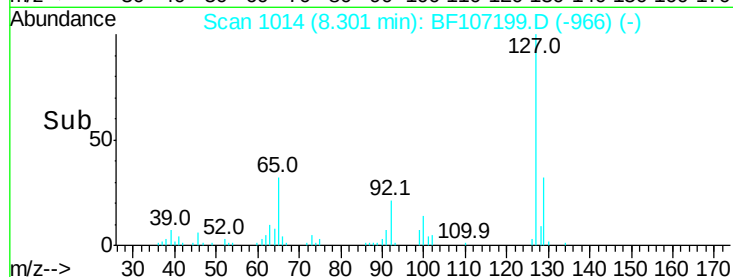
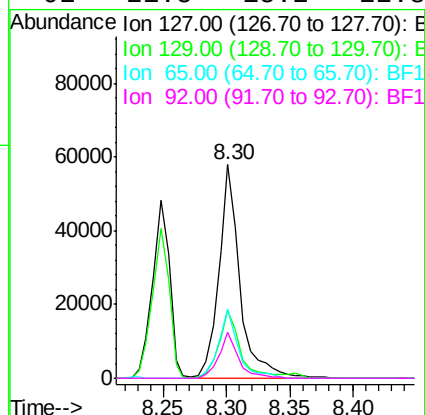
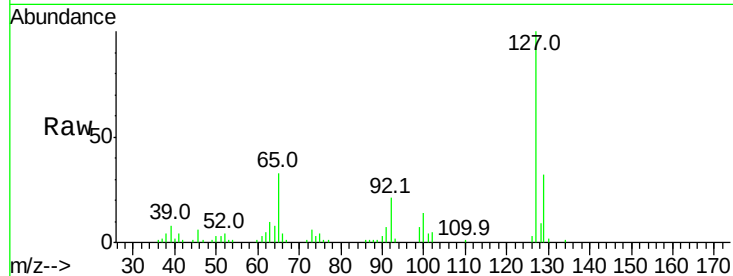
#33
 4-Chloroaniline
 Concen: 16.416 ng
 RT: 8.30 min Scan# 1014
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		67913		
129	31.8	25.9	38.9		
65	32.6	25.0	37.4		
92	21.5	15.2	22.8		

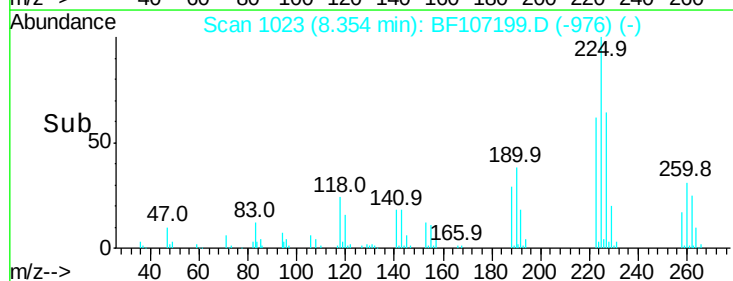
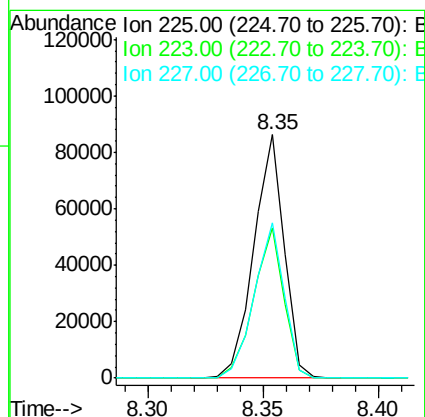
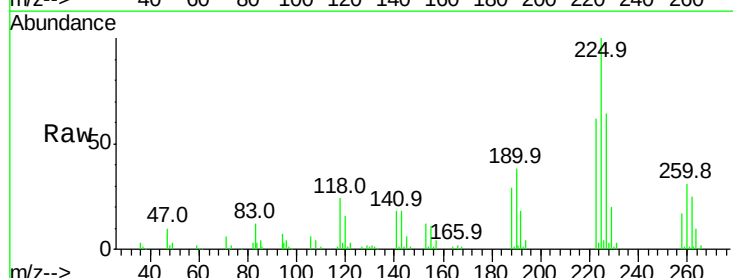
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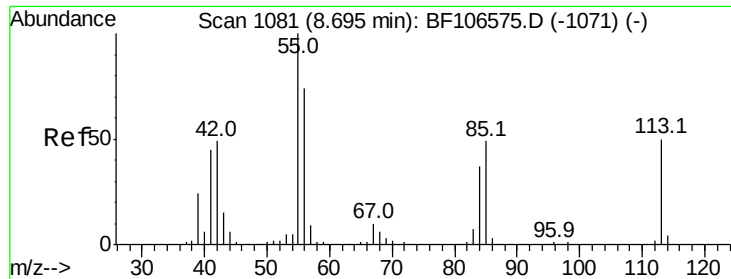
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#34
 Hexachlorobutadiene
 Concen: 37.188 ng
 RT: 8.35 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		79000		
223	61.7	50.6	76.0		
227	63.7	51.9	77.9		





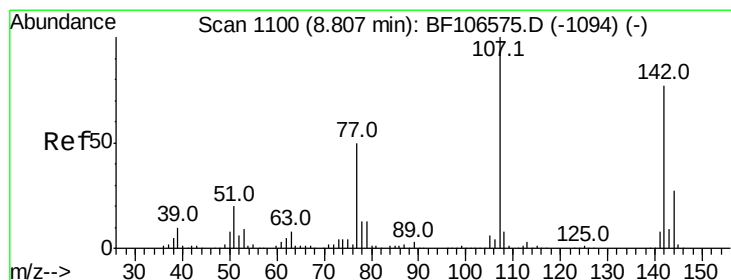
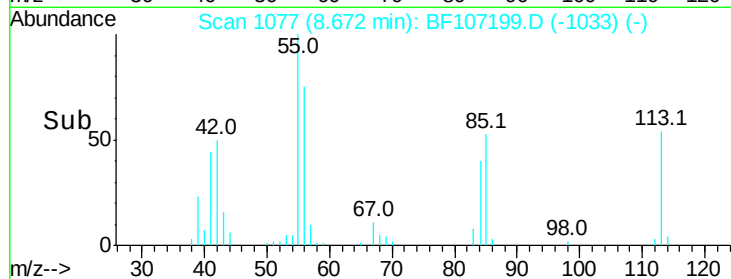
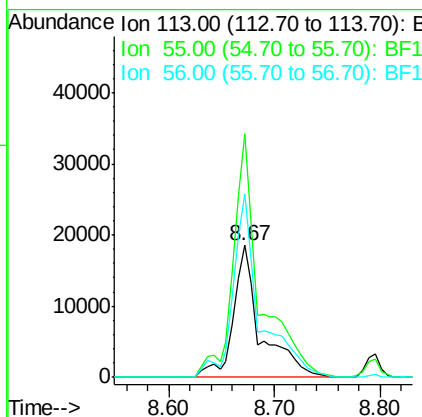
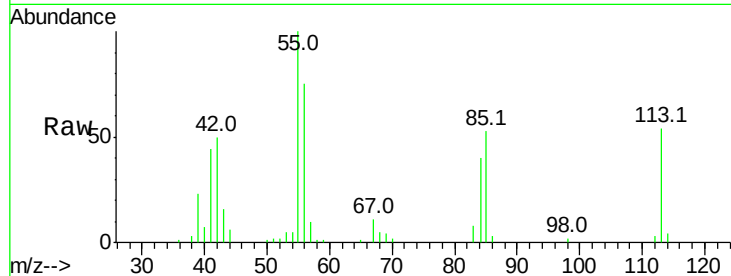
#35
 Caprolactam
 Concen: 34.278 ng
 RT: 8.67 min Scan# 1077
 Delta R.T. -0.04 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	184.6	163.3	203.3
56	139.4	115.7	155.7

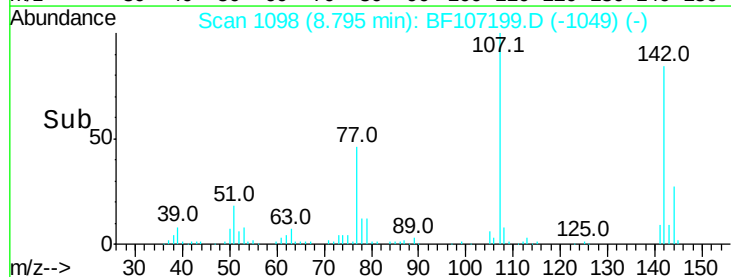
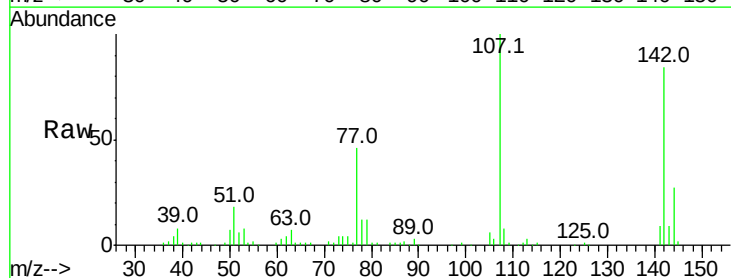
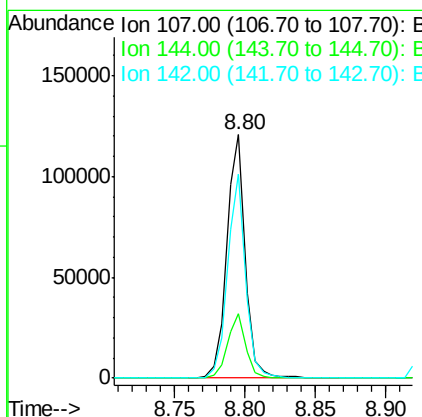
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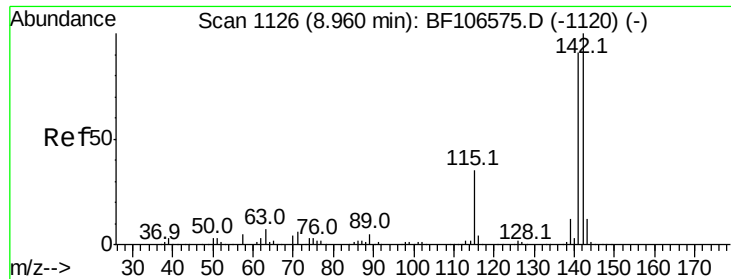
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#36
 4-Chloro-3-methylphenol
 Concen: 35.052 ng
 RT: 8.80 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.5	30.7
142	83.8	62.0	93.0





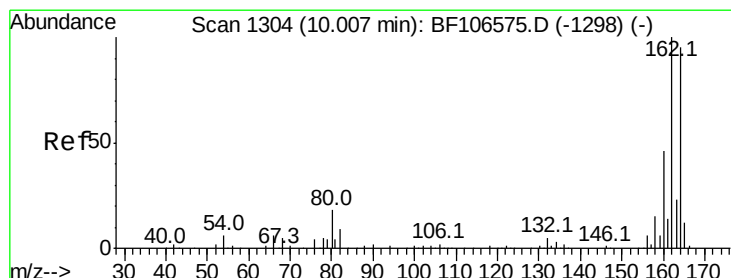
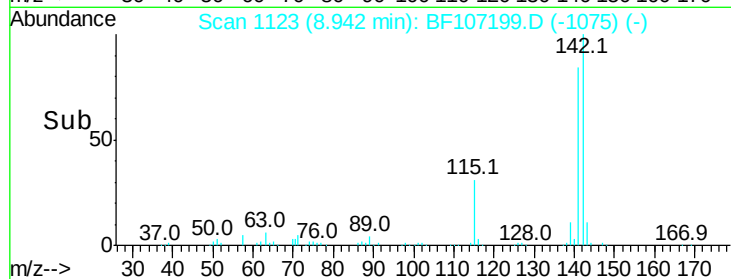
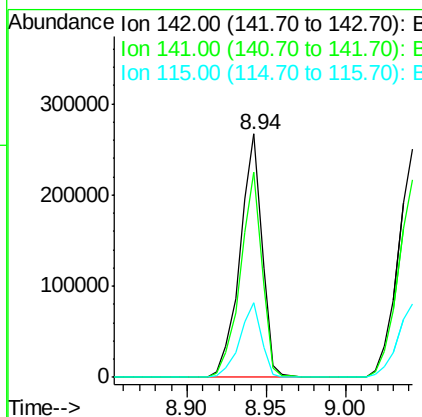
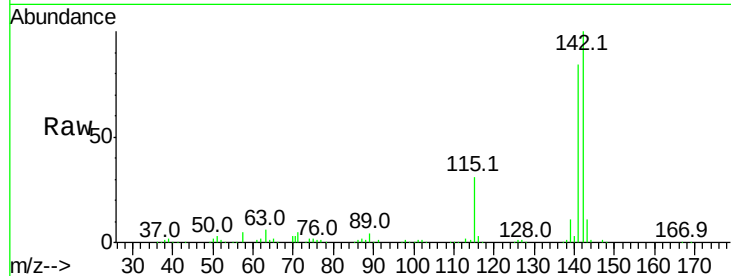
#37
 2-Methylnaphthalene
 Concen: 39.334 ng
 RT: 8.94 min Scan# 1123
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion:	142	Resp:	257051
Ion Ratio	Lower	Upper	
142	100		
141	84.2	70.8	106.2
115	30.8	26.1	39.1

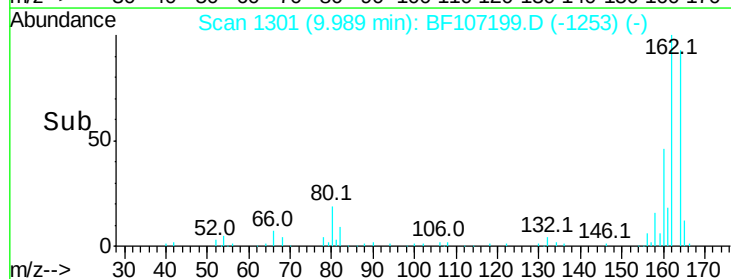
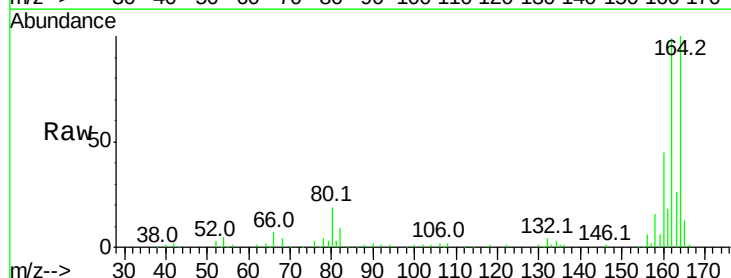
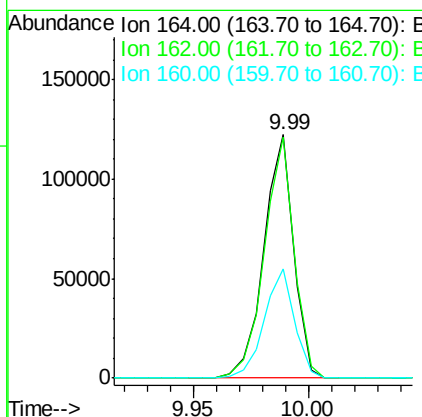
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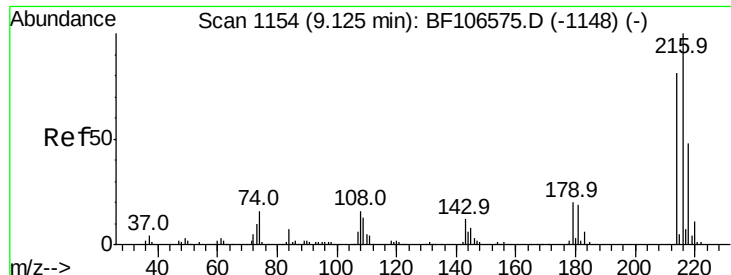
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.99 min Scan# 1301
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion:	164	Resp:	110010
Ion Ratio	Lower	Upper	
164	100		
162	99.0	86.1	129.1
160	45.0	38.3	57.5





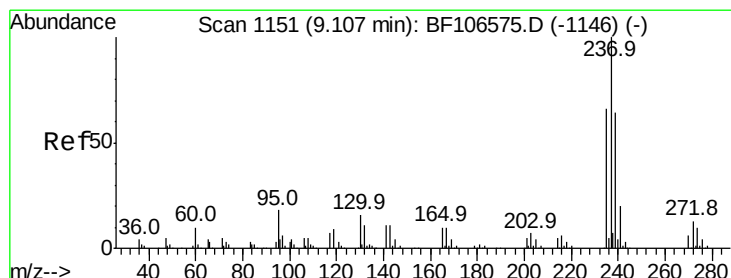
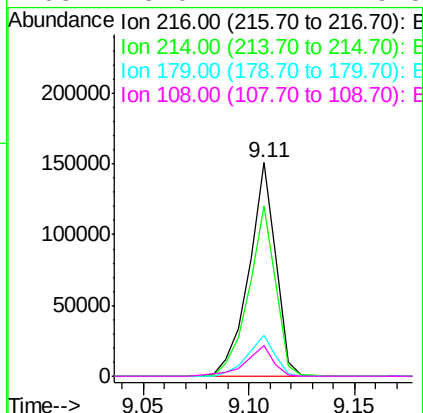
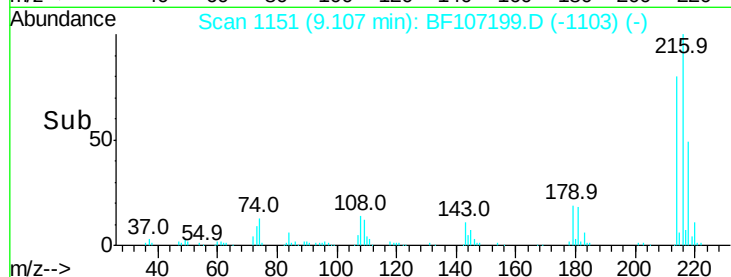
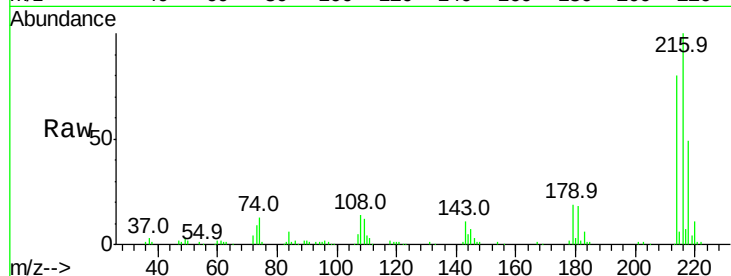
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 36.025 ng
 RT: 9.11 min Scan# 1151
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.5	63.0	94.4
179	19.1	18.1	27.1
108	15.0	17.2	25.8#

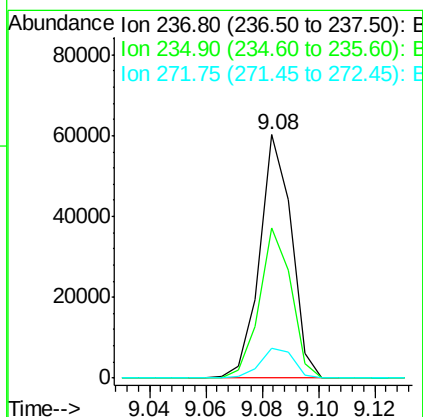
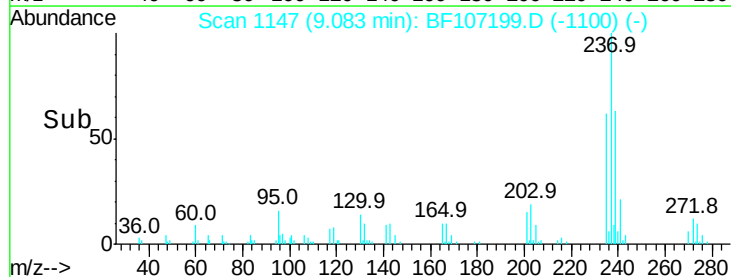
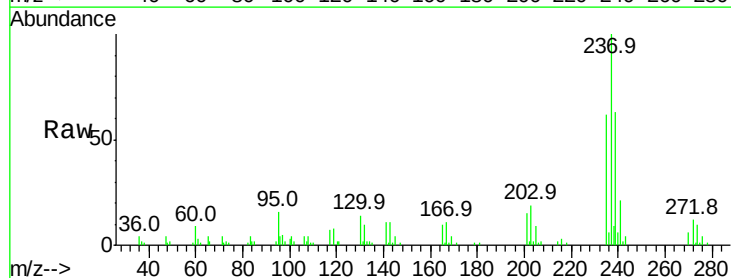
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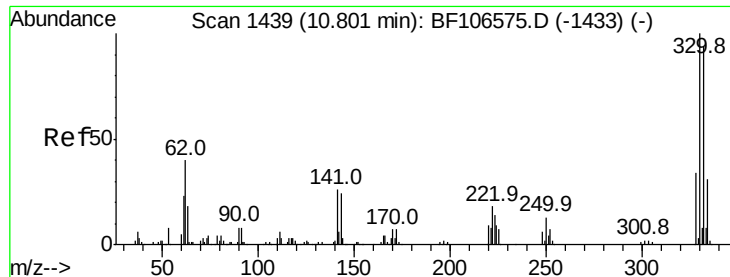
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#40
 Hexachlorocyclopentadiene
 Concen: 24.702 ng
 RT: 9.08 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.8	44.8	84.8
272	12.4	0.0	33.3





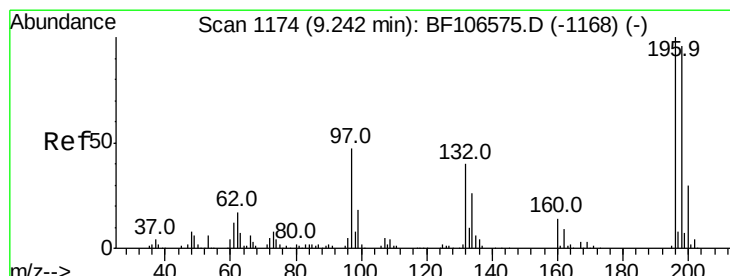
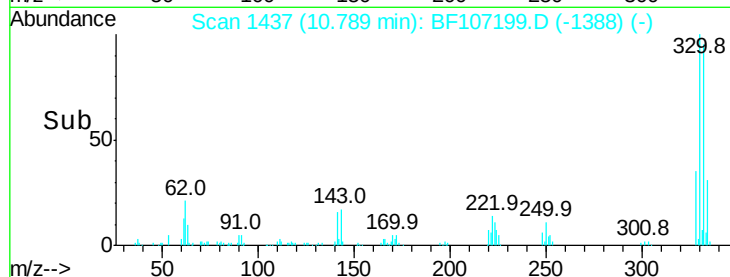
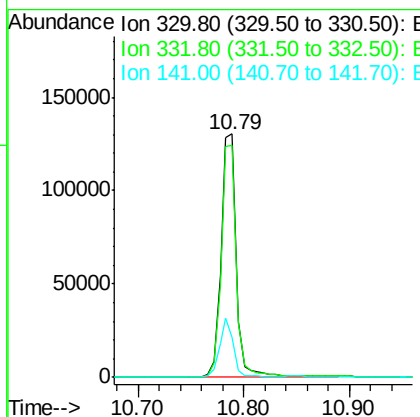
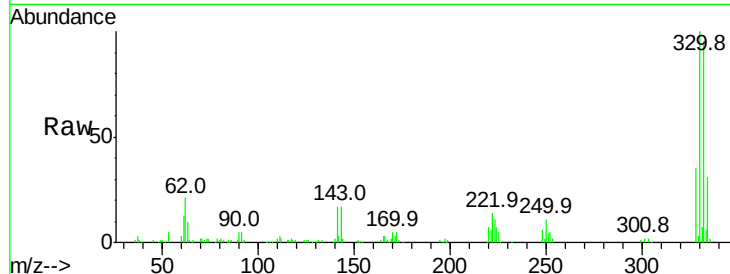
#41
 2,4,6-Tribromophenol
 Concen: 104.847 ng
 RT: 10.79 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.8	77.0	115.6	
141	22.2	29.9	44.9	

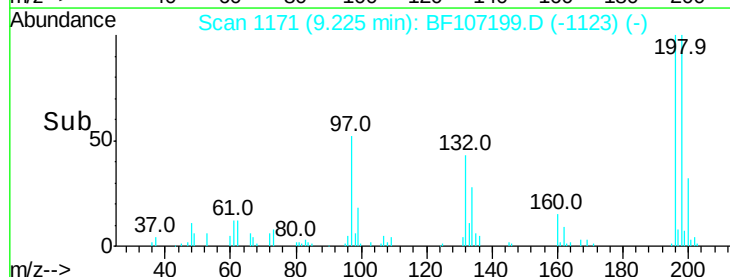
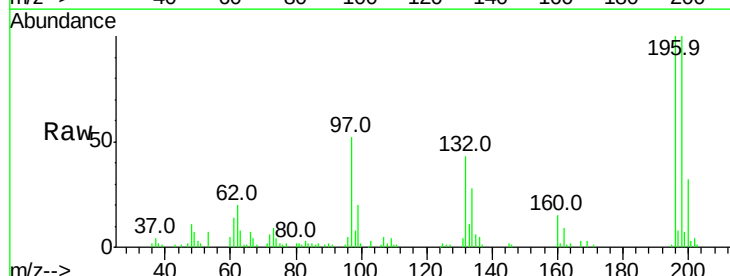
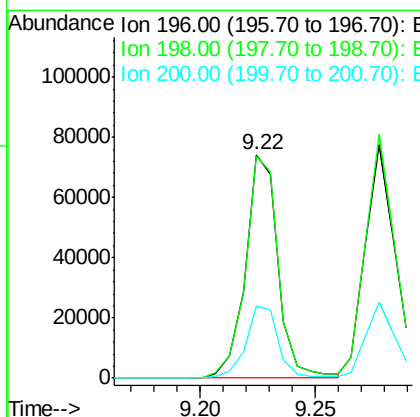
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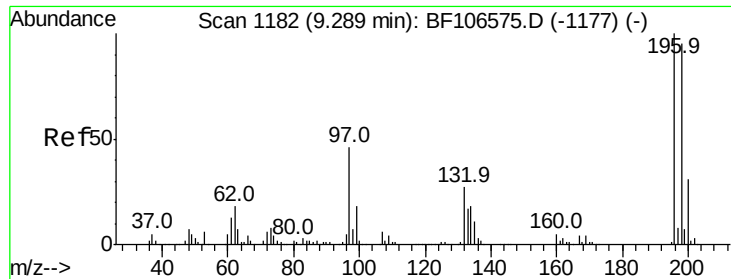
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#42
 2,4,6-Trichlorophenol
 Concen: 29.717 ng
 RT: 9.22 min Scan# 1171
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	99.7	75.7	113.5	
200	32.2	24.5	36.7	





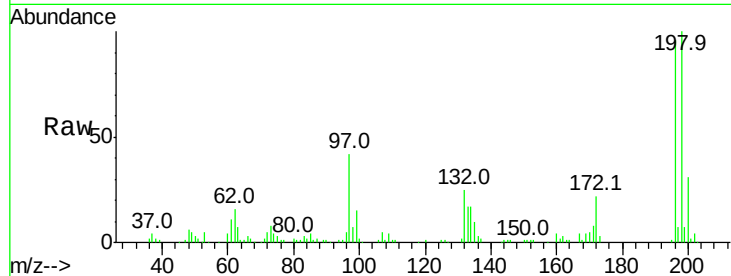
#43
 2,4,5-Trichlorophenol
 Concen: 28.383 ng m
 RT: 9.28 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72936		
198	104.3		74.6	112.0
97	43.3		42.9	64.3
132	26.3		26.3	39.5

Manual Integrations
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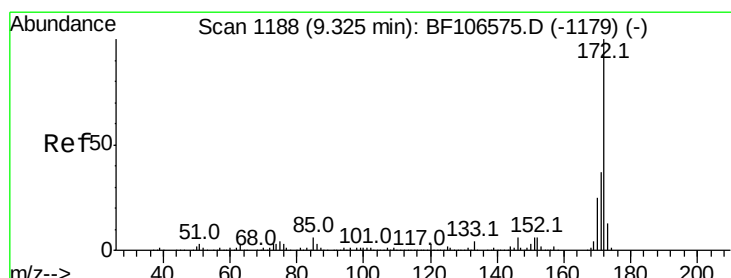
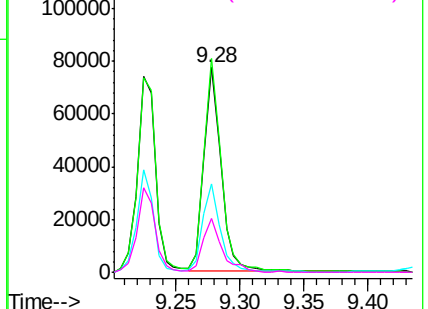
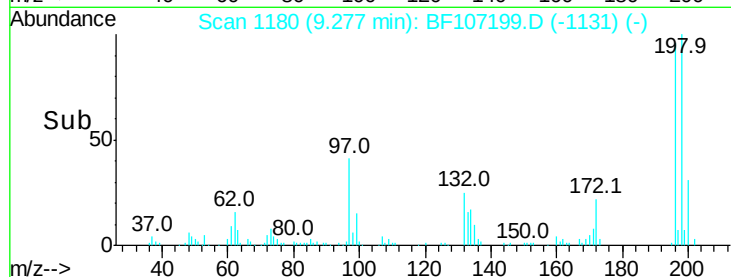
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

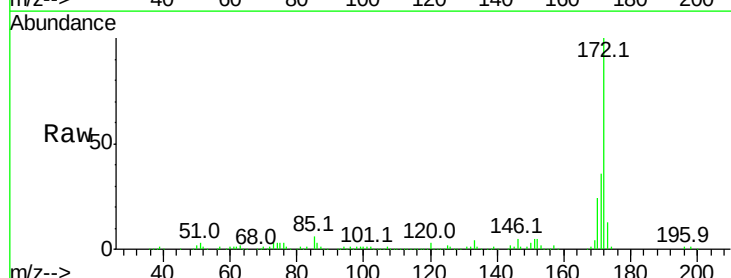
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 73.655 ng
 RT: 9.30 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	491509		
171	36.2		29.7	44.5
170	24.1		19.6	29.4

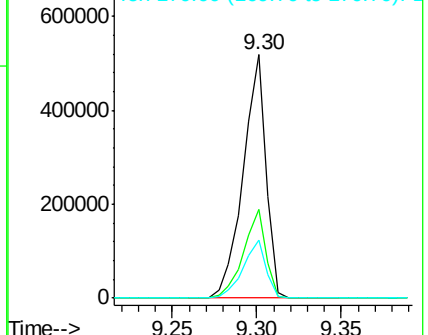
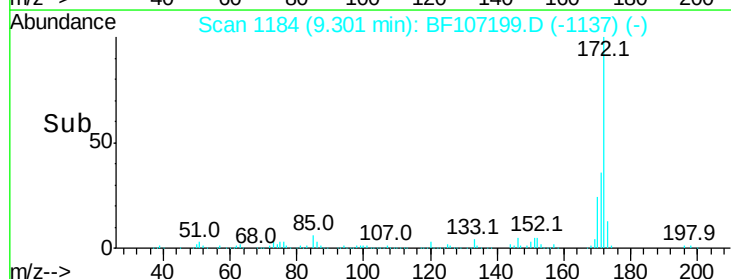


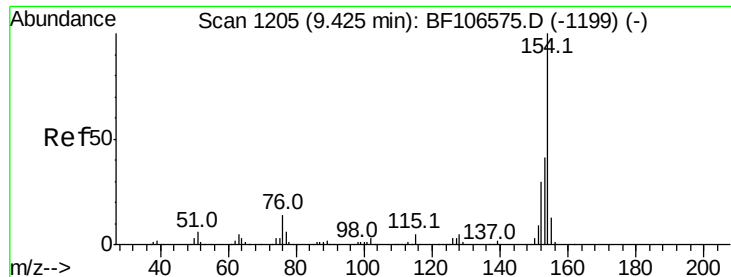
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





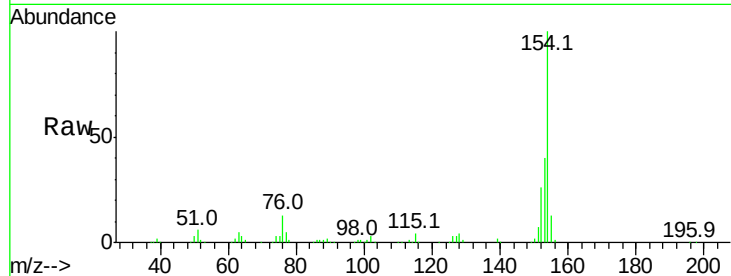
#45
1,1'-Biphenyl
Concen: 35.745 ng
RT: 9.40 min Scan# 1201
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

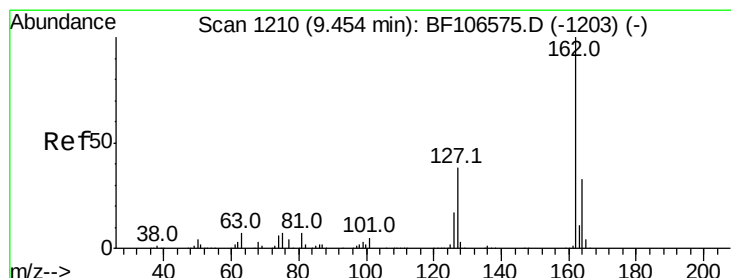
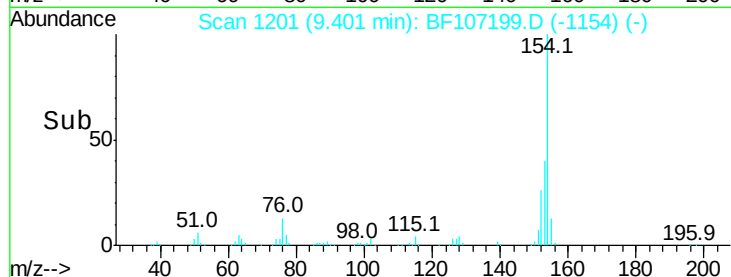
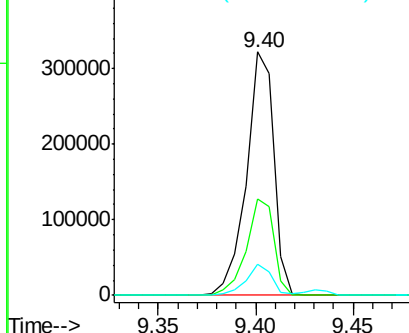
Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	39.8	21.3	61.3	
76	12.7	0.0	34.0	

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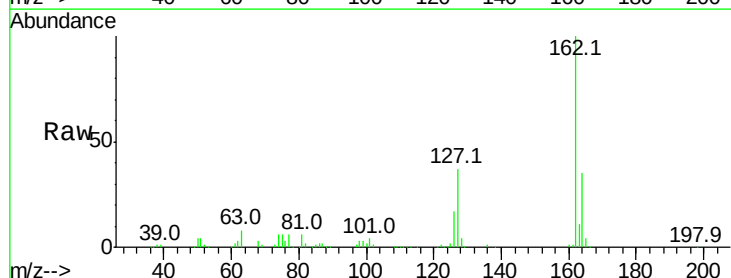


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

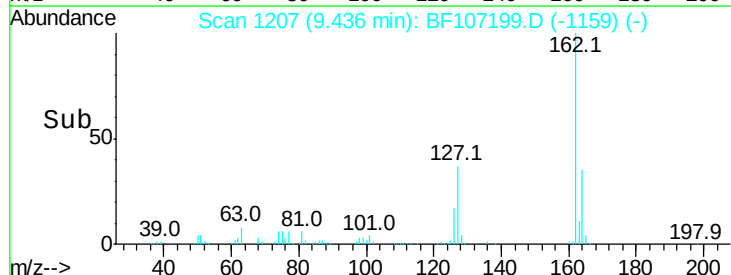
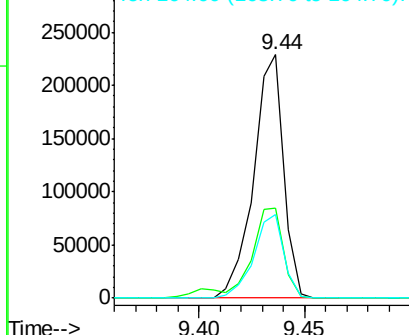


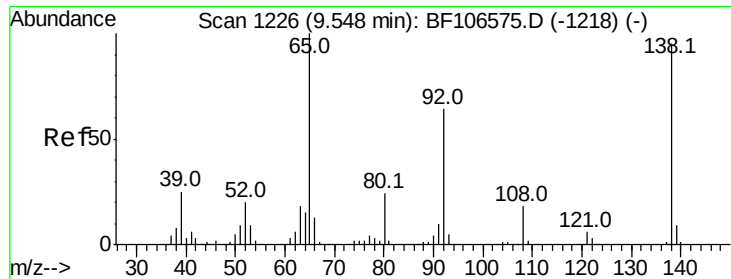
#46
2-Chloronaphthalene
Concen: 32.824 ng
RT: 9.44 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.9	33.9	50.9	
164	34.6	26.5	39.7	



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





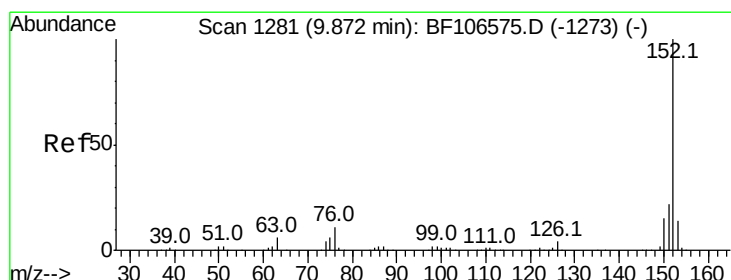
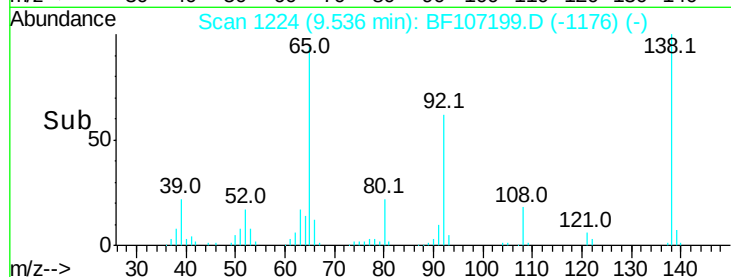
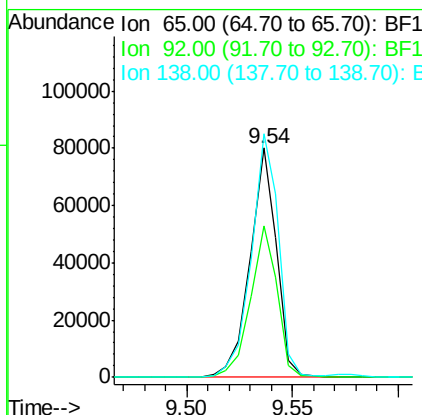
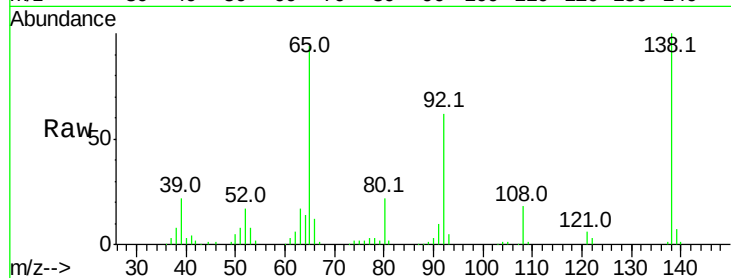
#47
2-Nitroaniline
Concen: 30.050 ng
RT: 9.54 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.1	55.8	83.6
138	106.3	91.2	136.8

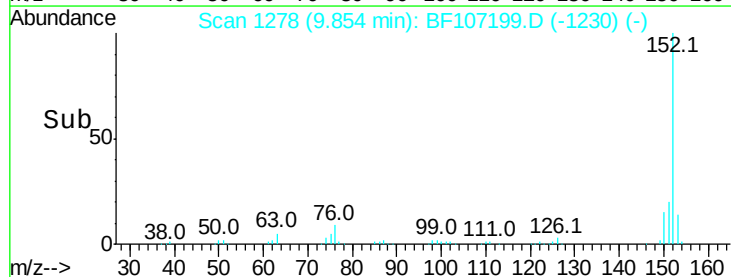
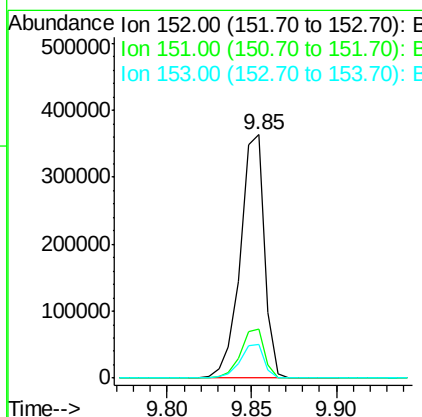
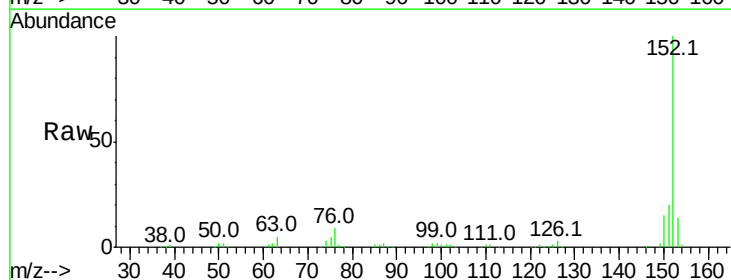
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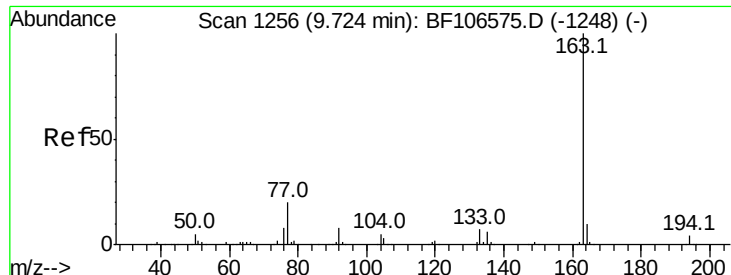
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#48
Acenaphthylene
Concen: 33.156 ng
RT: 9.85 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.3	24.5
153	13.7	10.7	16.1





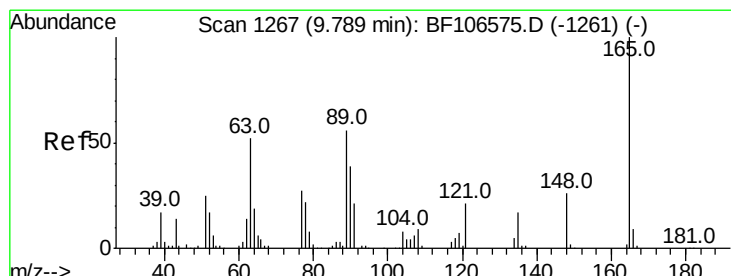
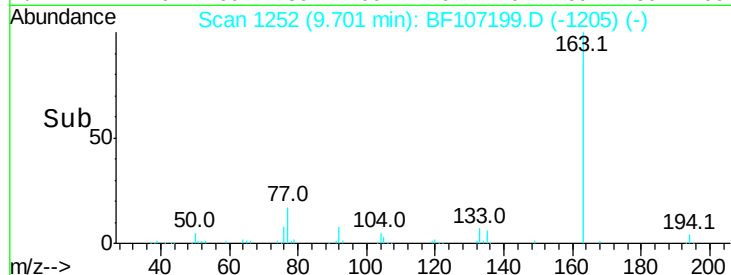
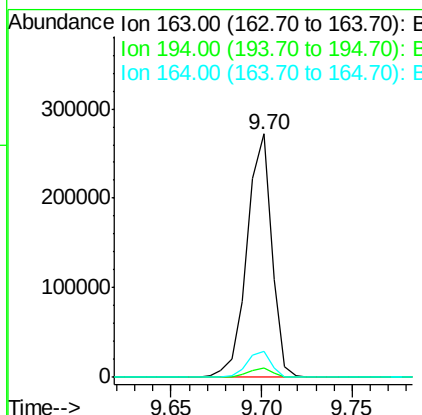
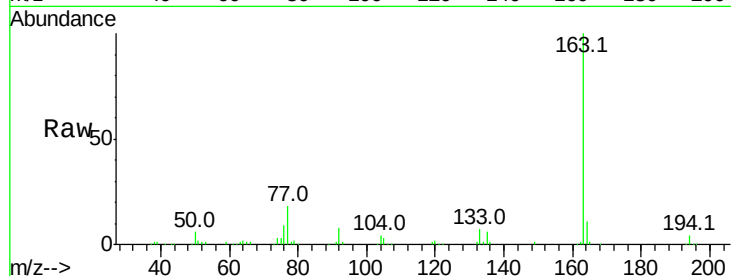
#49
Dimethylphthalate
Concen: 31.394 ng
RT: 9.70 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.0	2.7	4.1	
164	10.8	8.2	12.2	

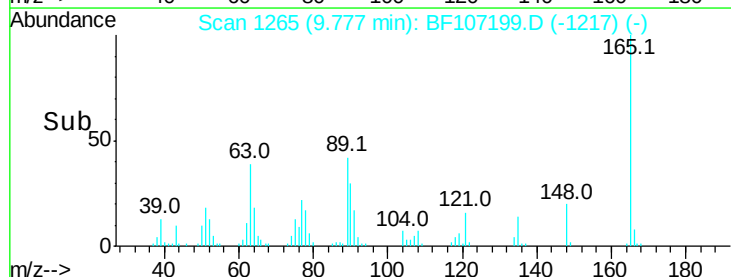
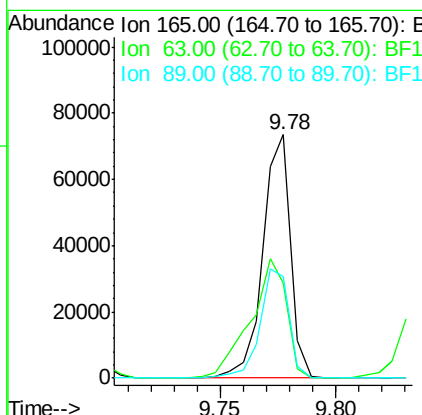
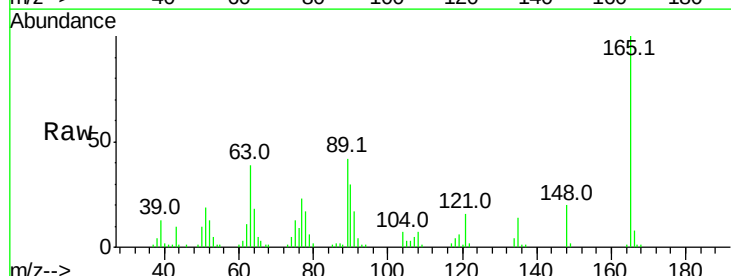
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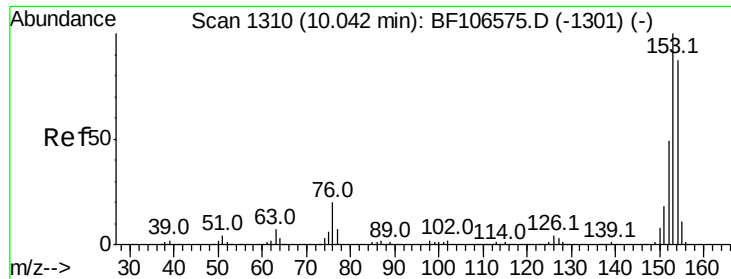
Sohil
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#50
2,6-Dinitrotoluene
Concen: 35.079 ng
RT: 9.78 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	38.9	44.7	67.1#	
89	41.8	44.0	66.0#	





#51

Acenaphthene

Concen: 31.516 ng

RT: 10.02 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

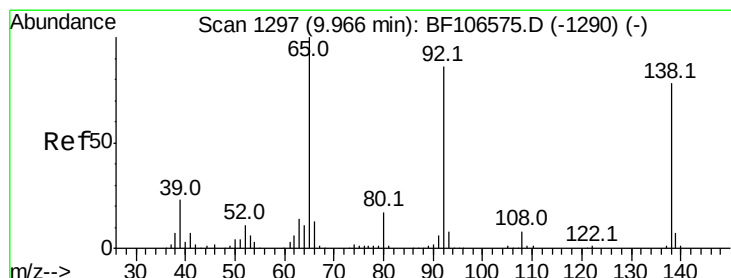
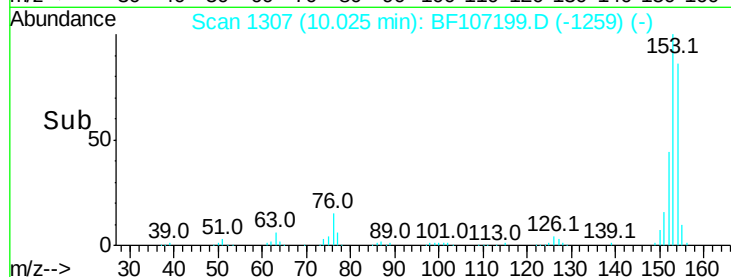
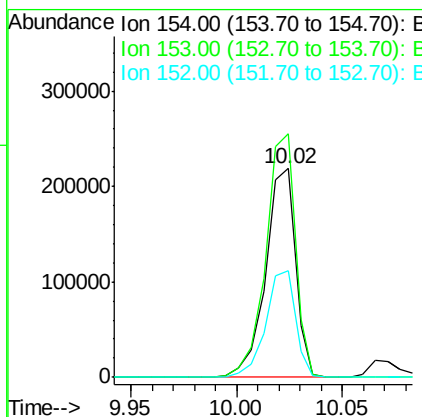
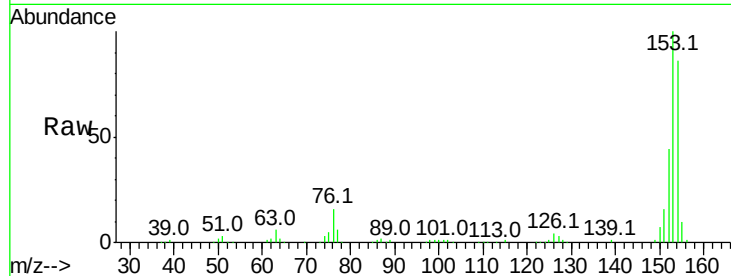
ClientSampleId :

PB110905BS

Tot Ion:	154	Resp:	216233
Ion Ratio	Lower	Upper	
154	100		
153	116.5	91.2	136.8
152	50.8	43.8	65.8

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#52

3-Nitroaniline

Concen: 17.502 ng

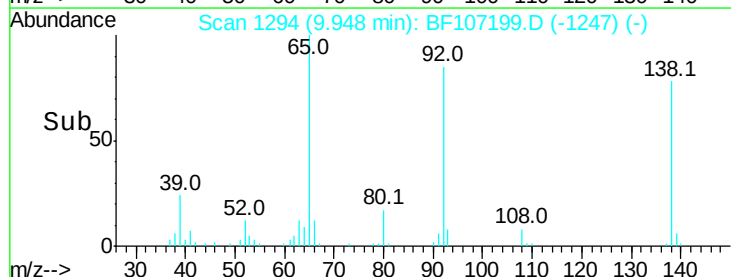
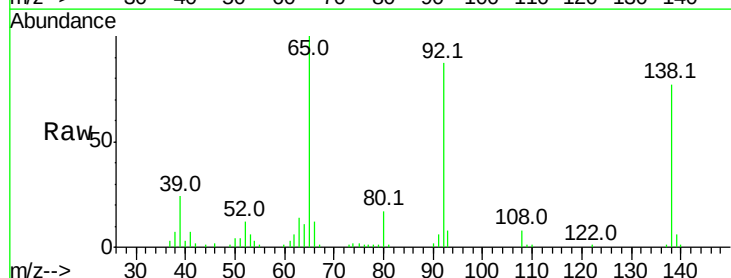
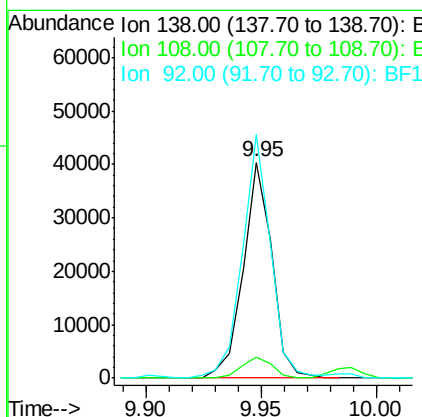
RT: 9.95 min Scan# 1294

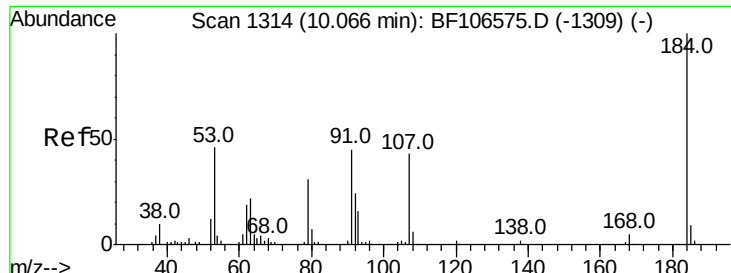
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	138	Resp:	35188
Ion Ratio	Lower	Upper	
138	100		
108	10.0	9.4	14.0
92	112.8	89.4	134.2





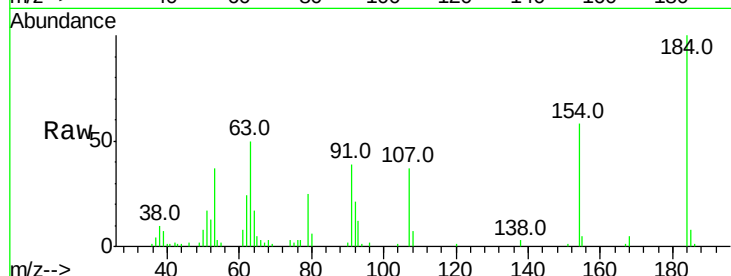
#53
2,4-Dinitrophenol
Concen: 44.065 ng
RT: 10.07 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

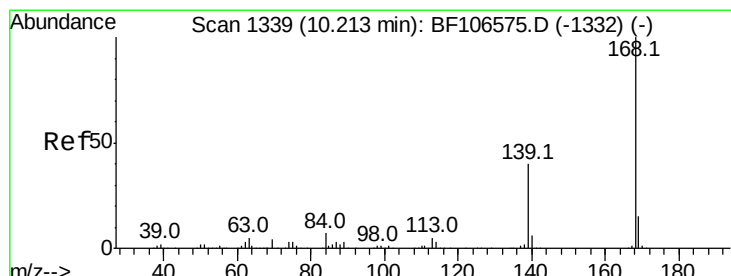
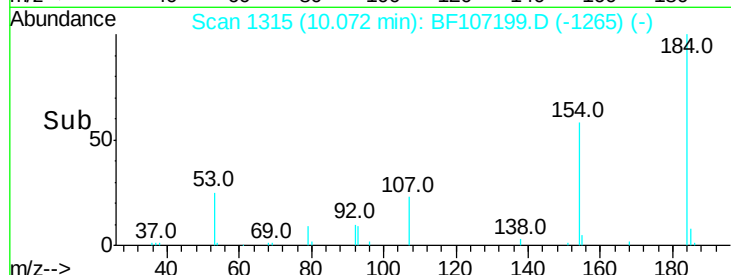
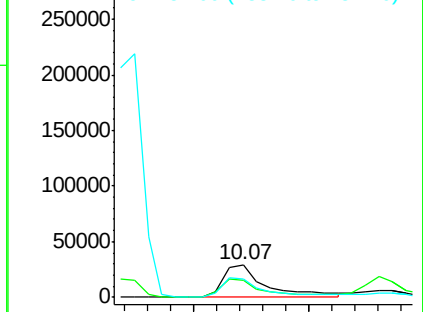
Tot Ion	Ratio	Lower	Upper
184	100		
63	50.3	54.2	81.2#
154	57.6	184.0	276.0#

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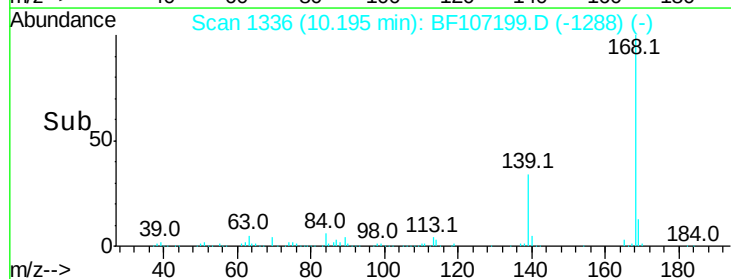
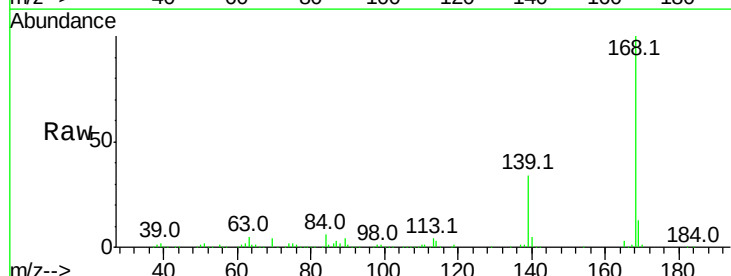
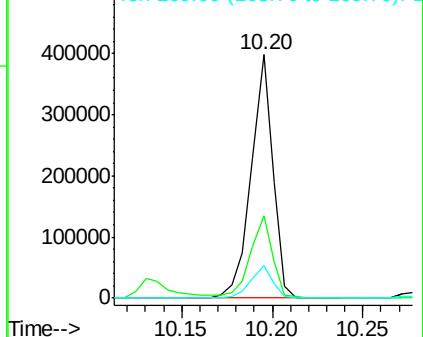
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

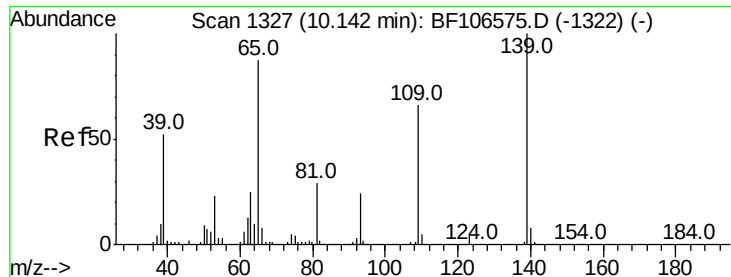


#54
Dibenzofuran
Concen: 35.248 ng
RT: 10.20 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
168	100		
139	34.0	30.1	45.1
169	13.5	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





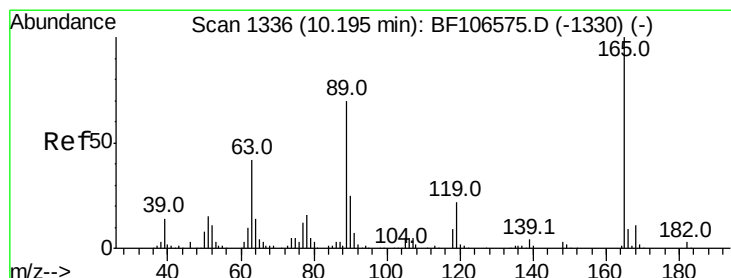
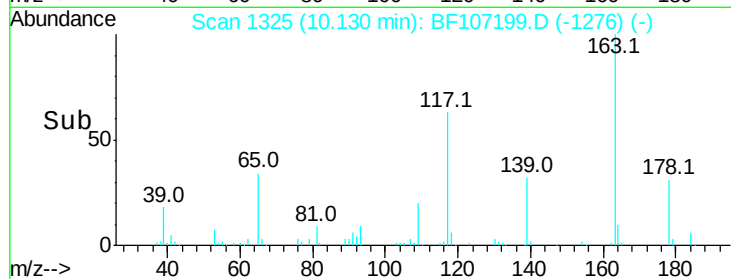
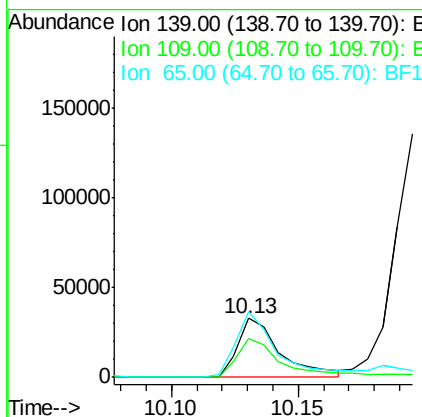
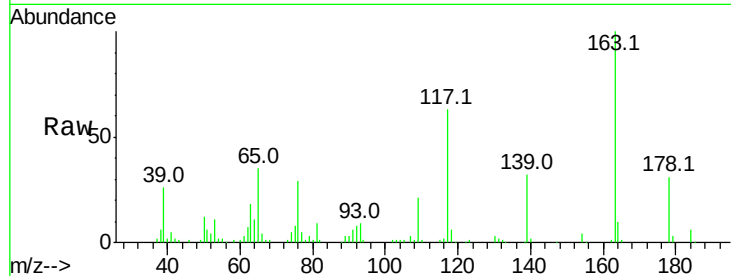
#55
4-Nitrophenol
Concen: 27.630 ng
RT: 10.13 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
139	100		
109	65.9	48.4	88.4
65	110.1	72.6	112.6

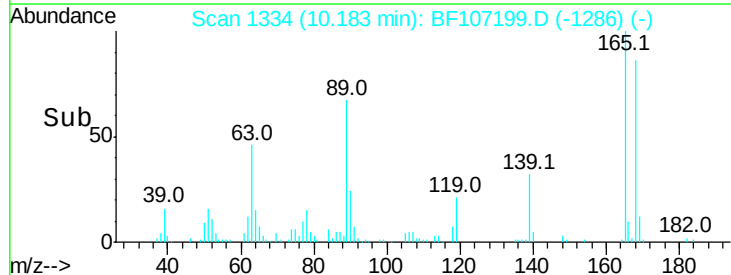
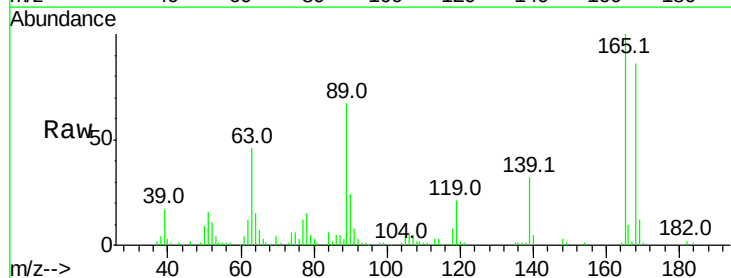
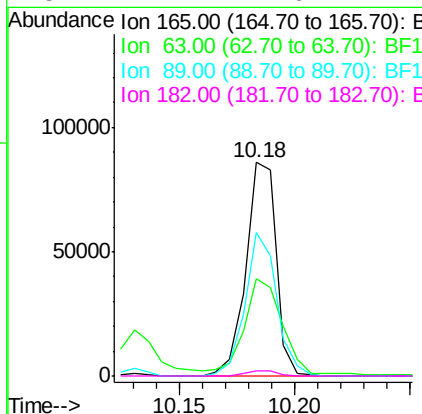
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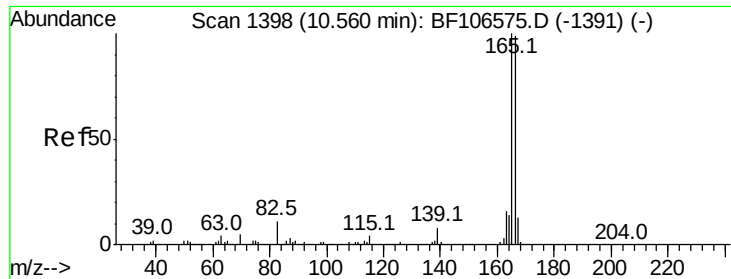
Sohil
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#56
2,4-Dinitrotoluene
Concen: 34.713 ng
RT: 10.18 min Scan# 1334
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
165	100		
63	45.8	36.4	54.6
89	67.1	57.8	86.6
182	2.4	1.6	2.4#





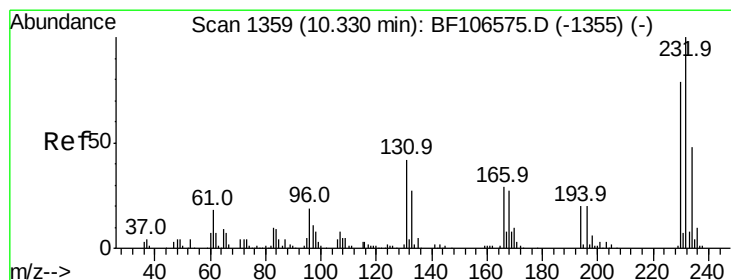
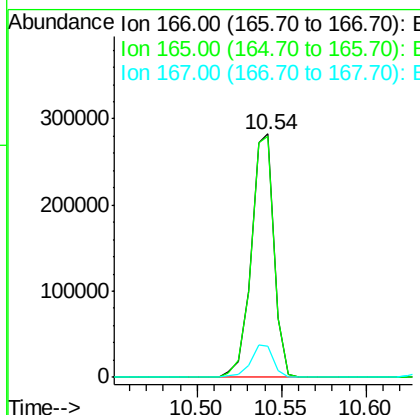
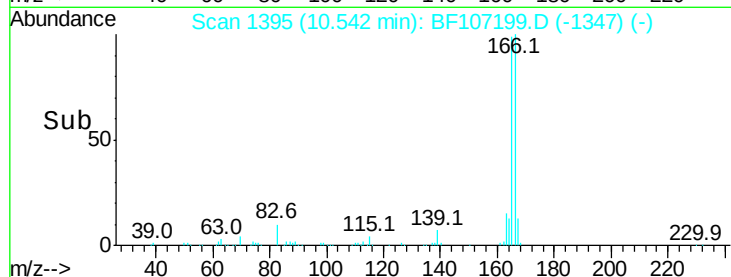
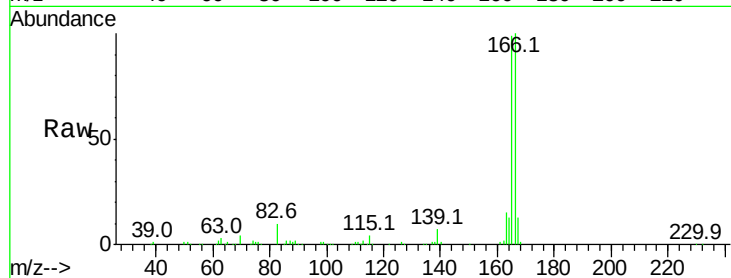
#57
 Fluorene
 Concen: 35.665 ng
 RT: 10.54 min Scan# 1395
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
166	100	265884		
165	99.2	79.8	119.8	
167	12.7	10.6	16.0	

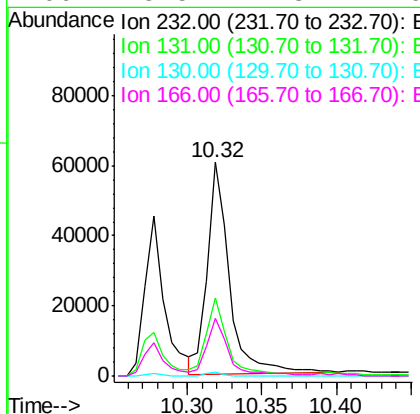
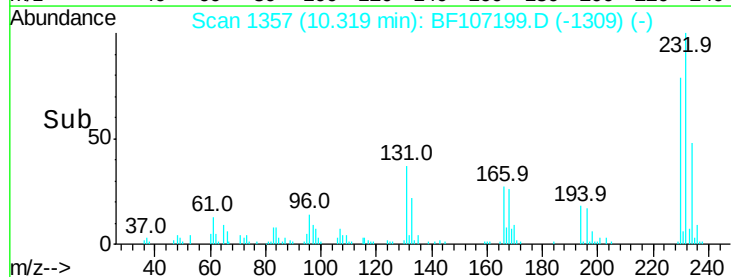
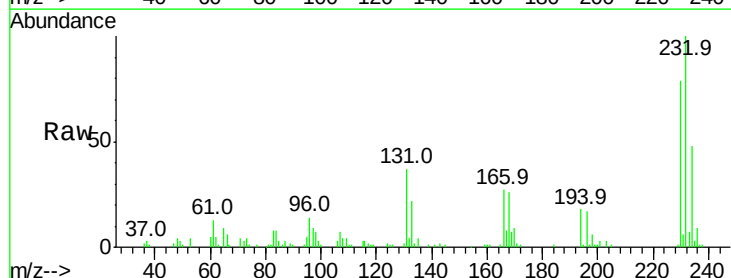
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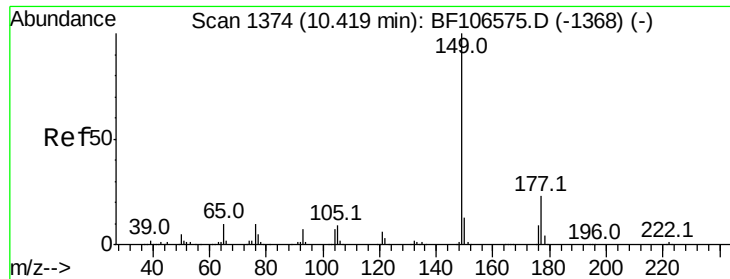
Sohil
 7/9/2018 2:06:12 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 29.966 ng
 RT: 10.32 min Scan# 1357
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	61211		
131	34.3	43.8	65.8#	
130	1.3	2.1	3.1#	
166	25.5	27.8	41.6#	





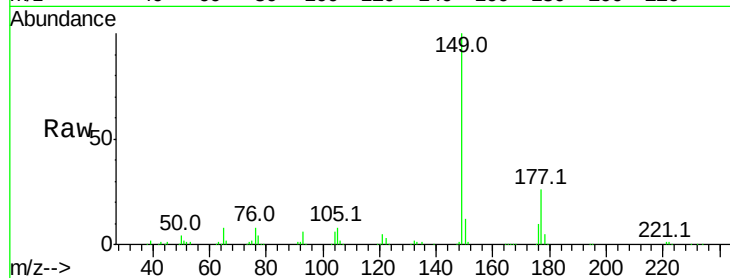
#59
Diethylphthalate
Concen: 31.146 ng
RT: 10.40 min Scan# 1371
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

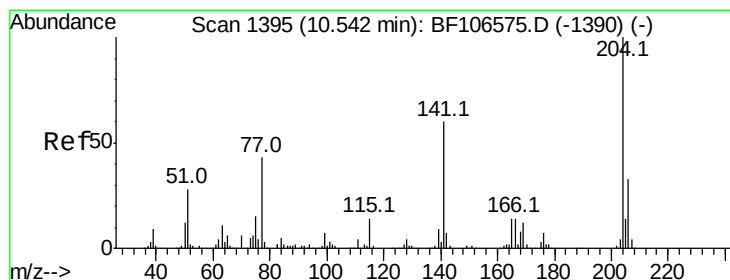
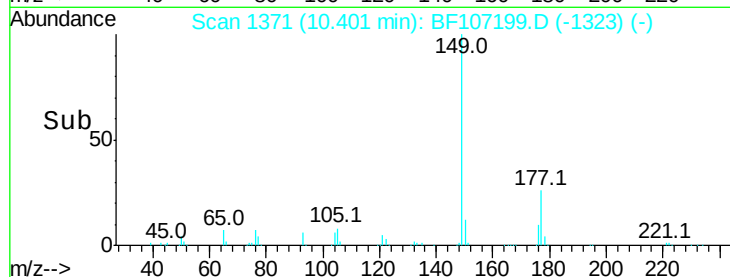
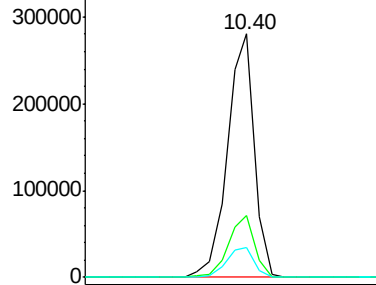
Tot Ion	Ratio	Lower	Upper
149	100		
177	25.6	16.1	24.1#
150	12.1	10.1	15.1

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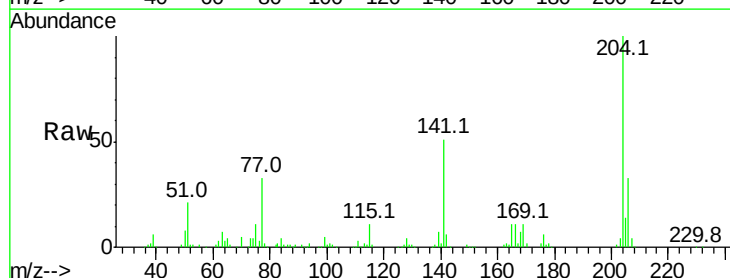


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

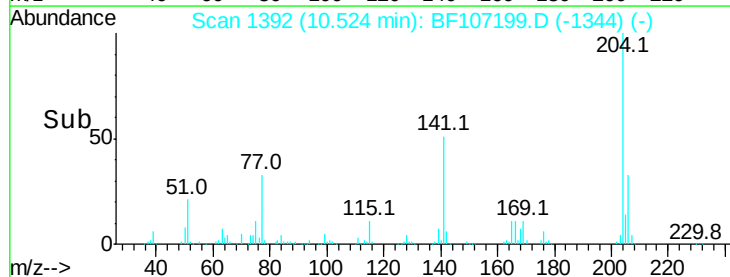
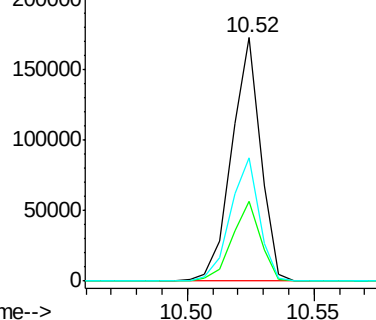


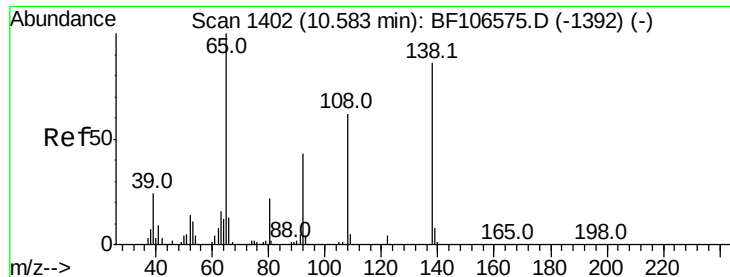
#60
4-Chlorophenyl-phenylether
Concen: 35.340 ng
RT: 10.52 min Scan# 1392
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	50.7	54.6	81.8#



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





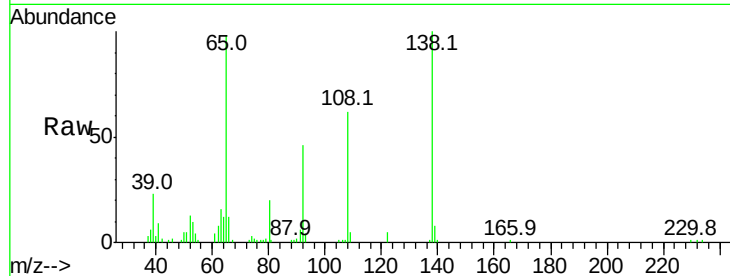
#61
4-Nitroaniline
Concen: 30.589 ng
RT: 10.57 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
138	100		
92	45.9	30.2	70.2
108	62.3	52.5	92.5

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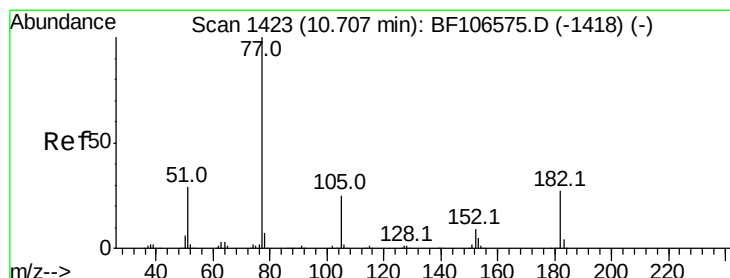
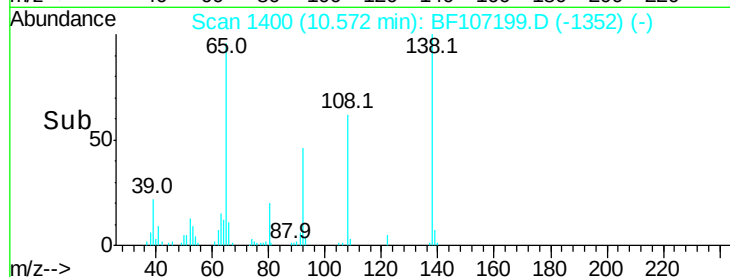
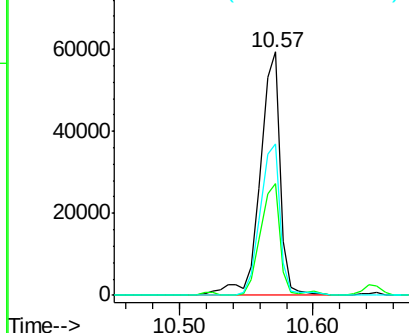


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



#62
Azobenzene
Concen: 31.218 ng
RT: 10.68 min Scan# 1419
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.2	1.7	41.7
105	24.7	3.0	43.0
51	27.9	9.9	49.9

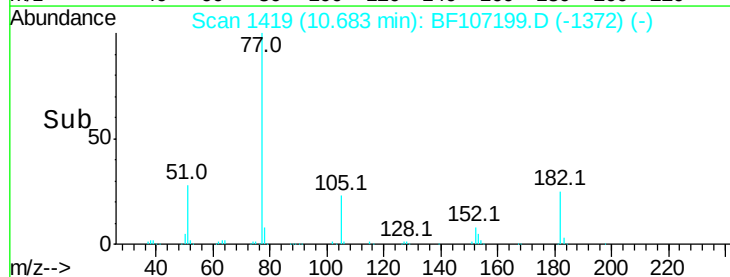
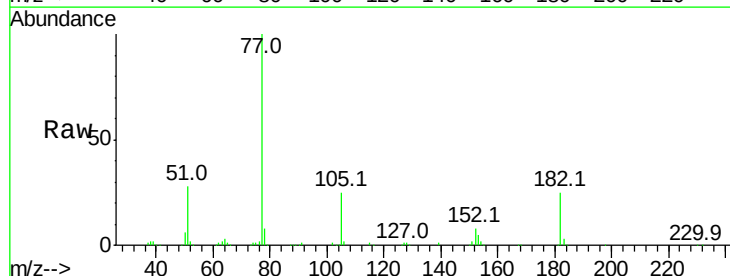
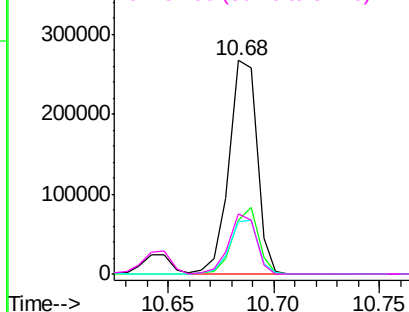
Abundance

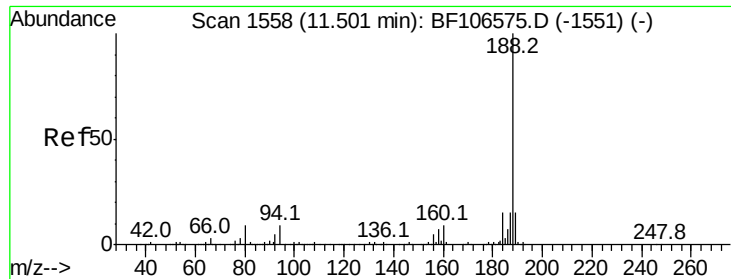
Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1





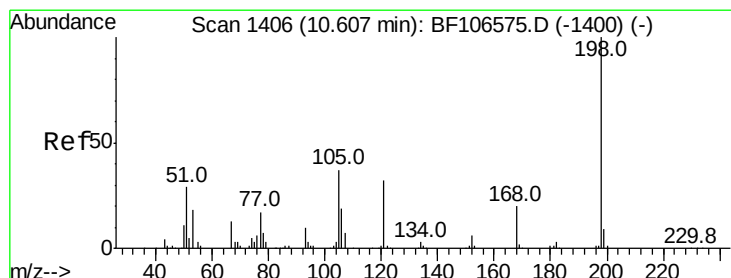
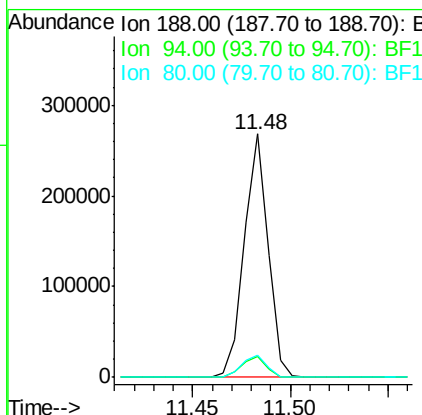
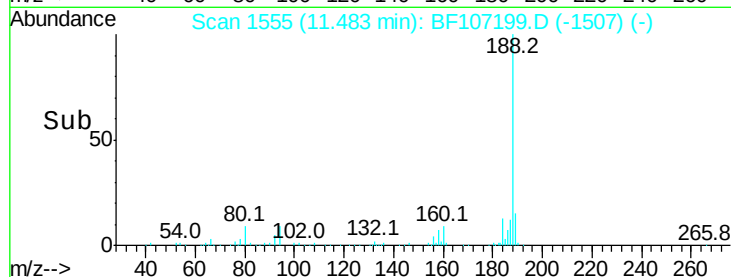
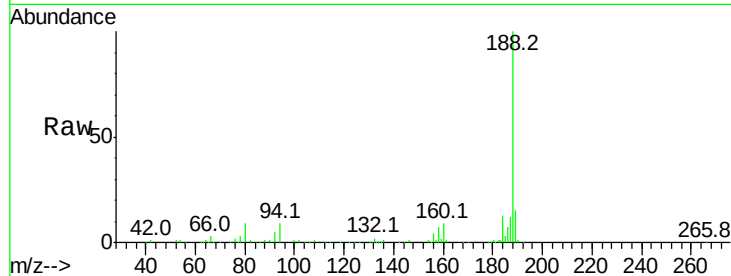
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1555
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	8.6	8.5	12.7
80	9.0	9.2	13.8#

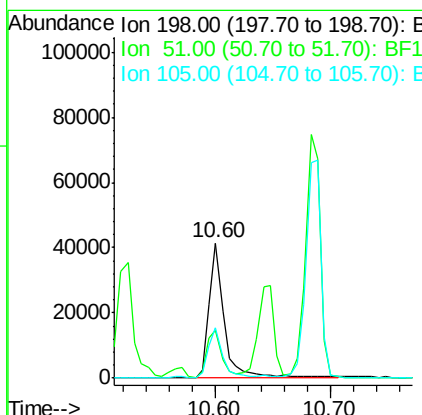
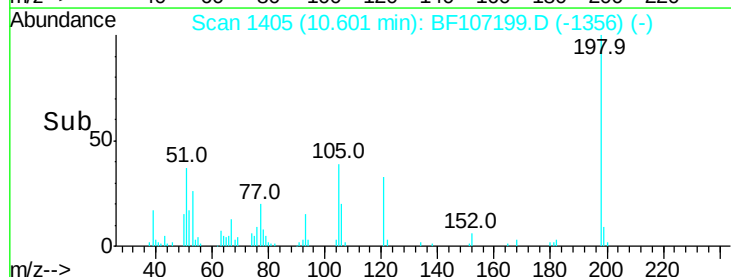
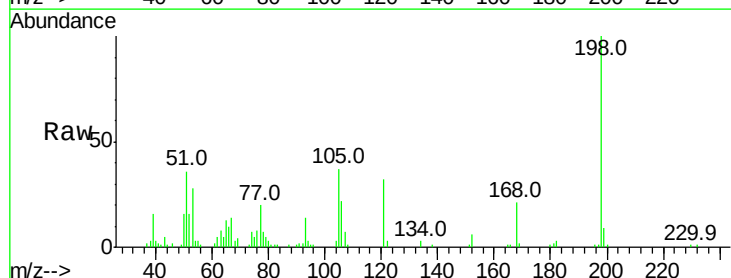
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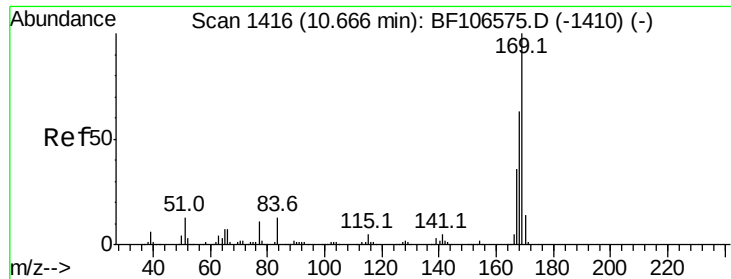
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#64
4,6-Dinitro-2-methylphenol
Concen: 27.360 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	35.7	37.7	77.7#
105	37.5	36.3	76.3





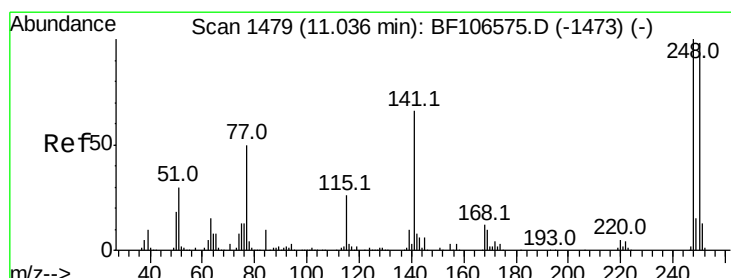
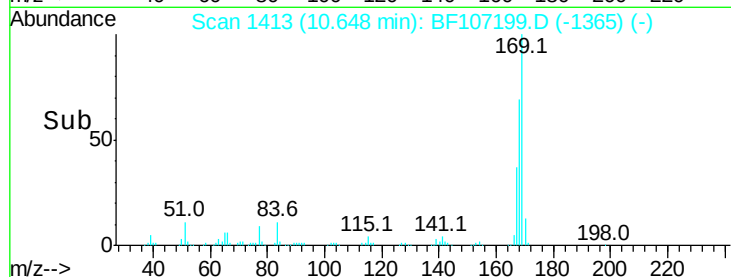
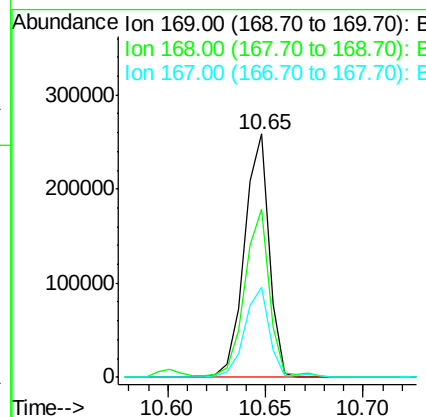
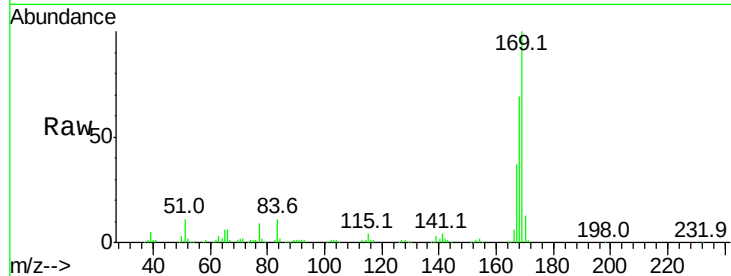
#65
n-Nitrosodiphenylamine
Concen: 29.678 ng
RT: 10.65 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	226429		
168	68.8		54.4	81.6
167	37.2		29.8	44.6

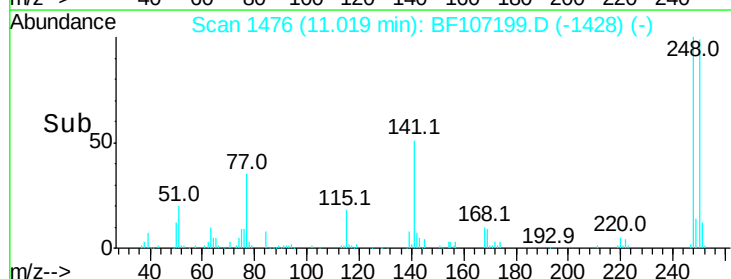
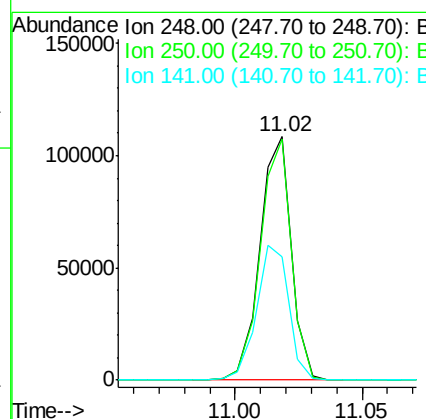
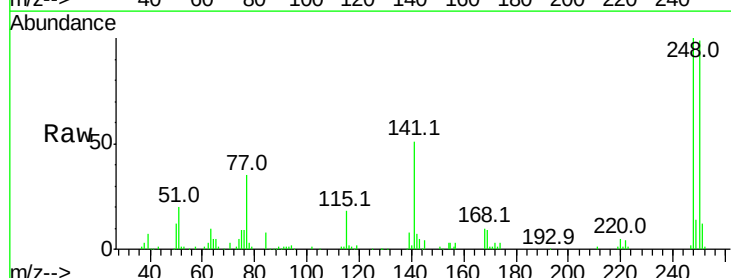
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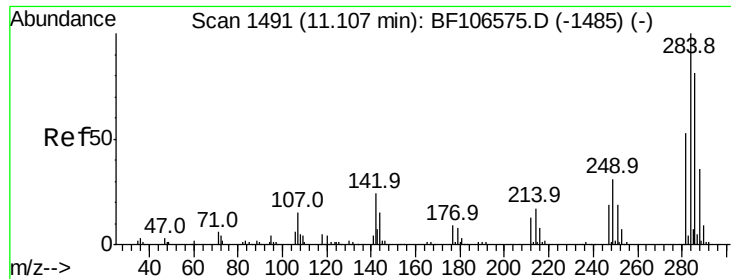
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#66
4-Bromophenyl-phenylether
Concen: 34.453 ng
RT: 11.02 min Scan# 1476
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	93269		
250	99.2		76.9	115.3
141	50.8		74.4	111.6#





#67

Hexachlorobenzene

Concen: 34.986 ng

RT: 11.09 min Scan# 1488

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

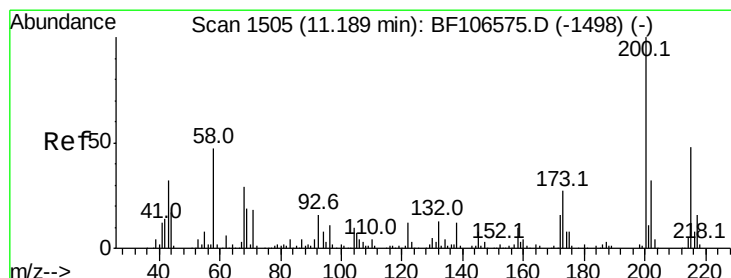
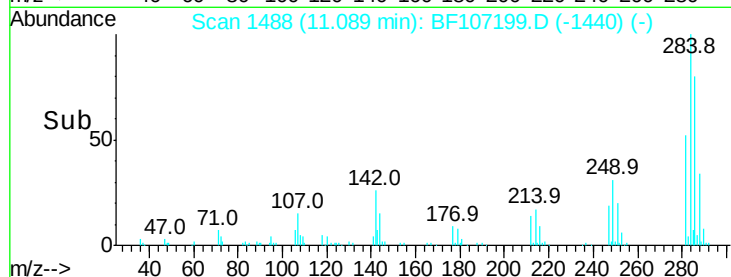
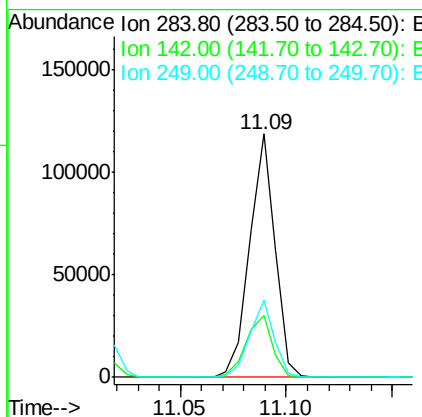
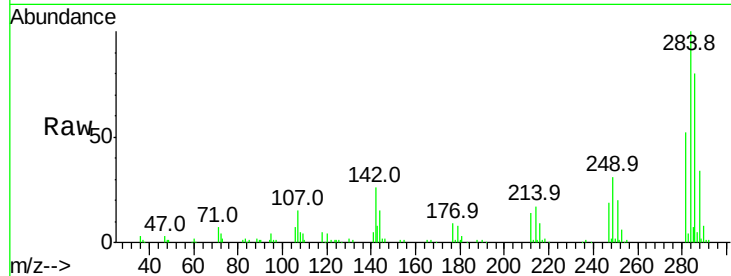
ClientSampleId :

PB110905BS

Tot Ion:	284	Resp:	99127
Ion Ratio	Lower	Upper	
284	100		
142	25.6	34.6	52.0#
249	31.5	24.8	37.2

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#68

Atrazine

Concen: 33.682 ng

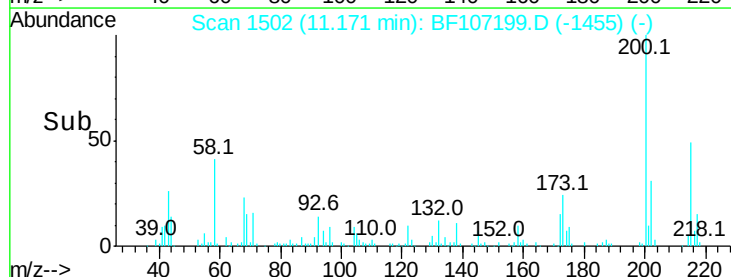
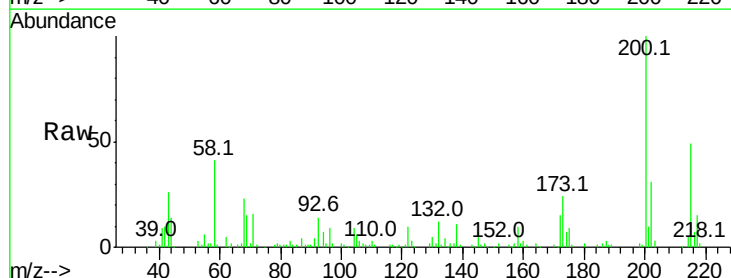
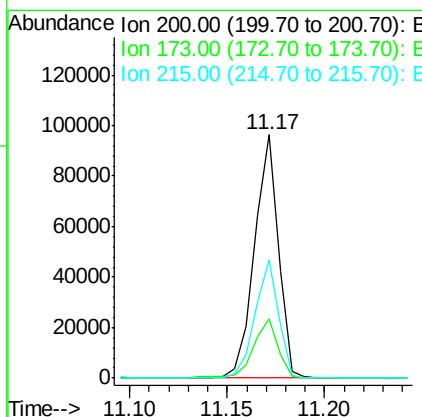
RT: 11.17 min Scan# 1502

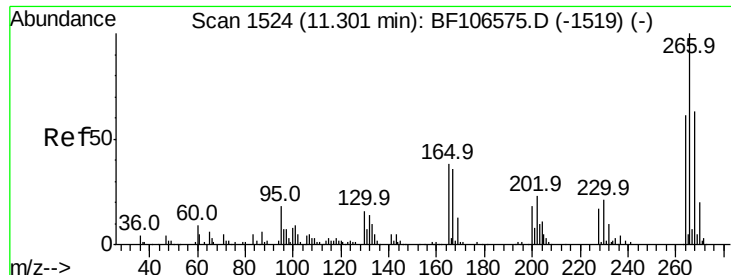
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	200	Resp:	81695
Ion Ratio	Lower	Upper	
200	100		
173	24.2	8.6	48.6
215	48.8	25.1	65.1





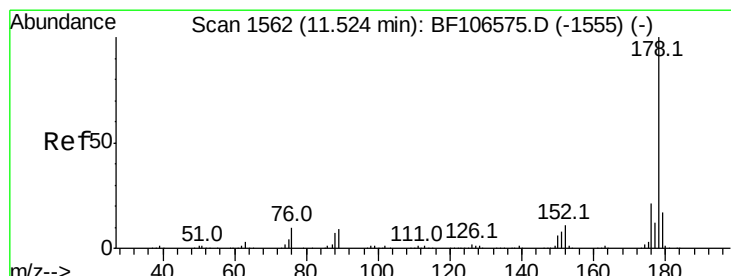
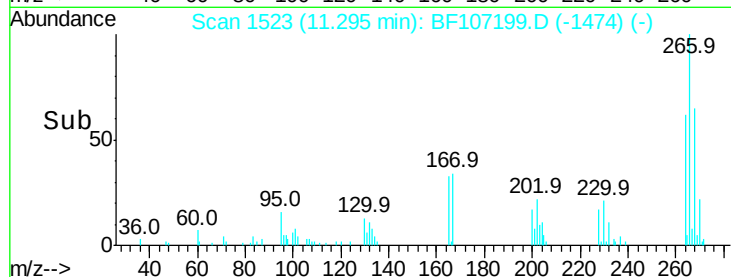
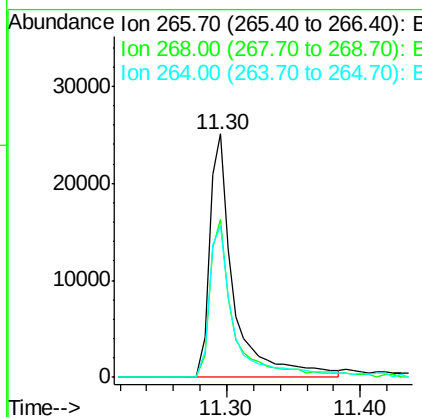
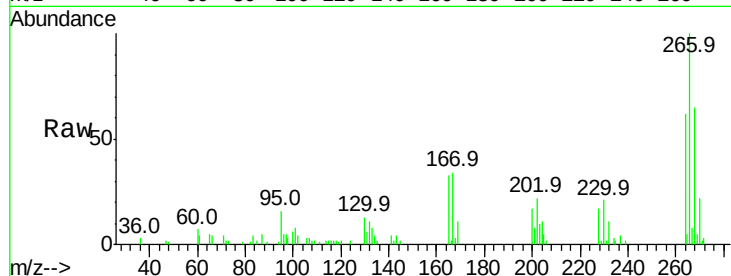
#69
 Pentachlorophenol
 Concen: 22.450 ng
 RT: 11.30 min Scan# 1523
 Delta R.T. -0.01 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.1	76.7
264	62.3	49.5	74.3

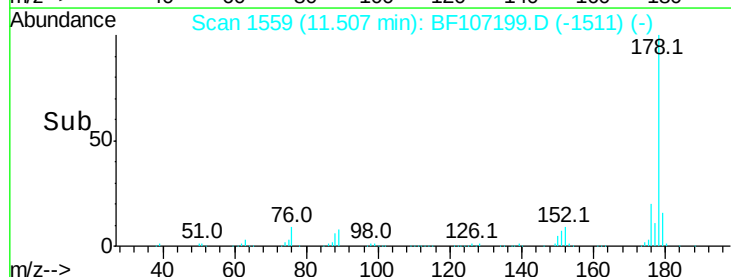
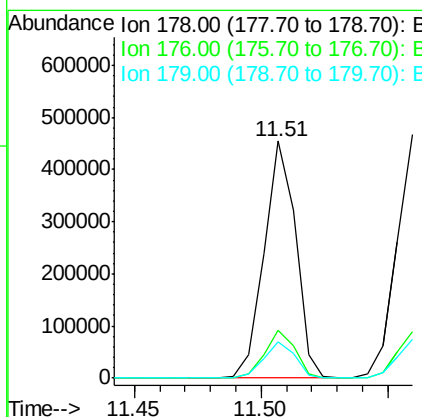
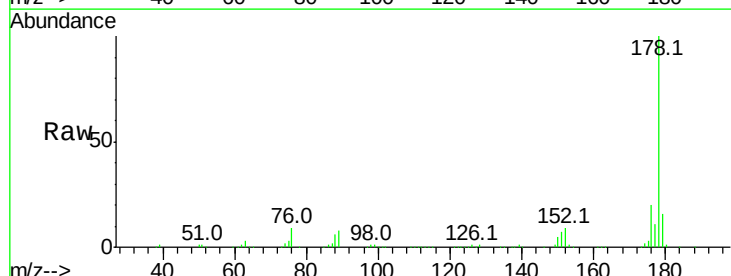
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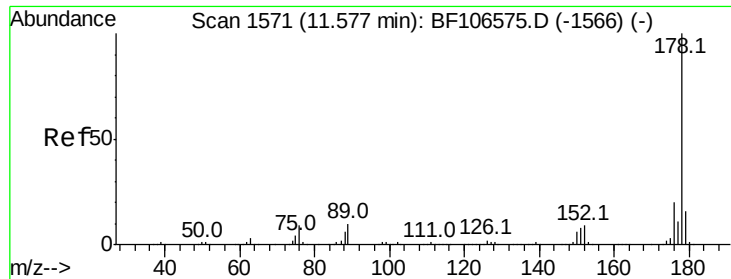
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#70
 Phenanthrene
 Concen: 36.018 ng
 RT: 11.51 min Scan# 1559
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.8	23.8
179	15.6	13.0	19.6





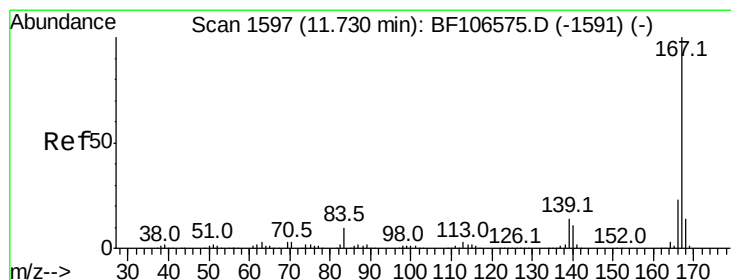
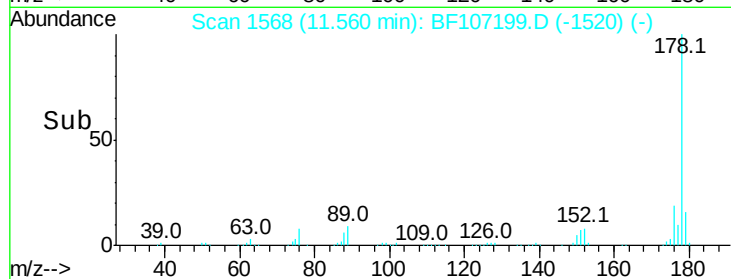
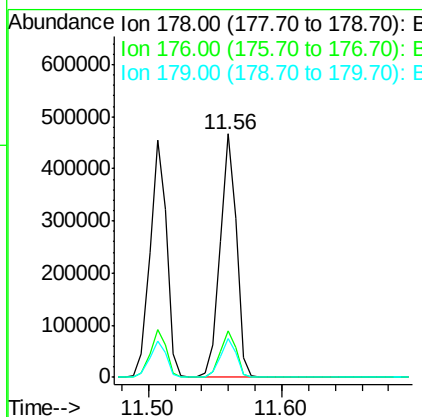
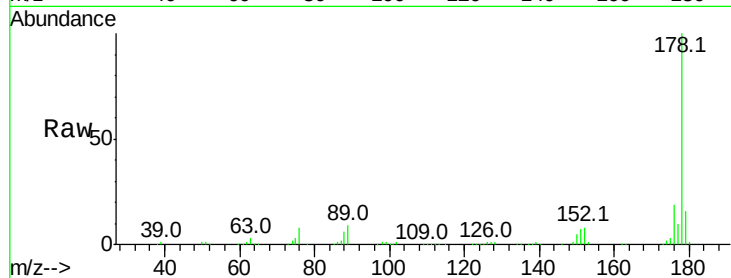
#71
 Anthracene
 Concen: 36.297 ng
 RT: 11.56 min Scan# 1568
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.9	12.6	19.0

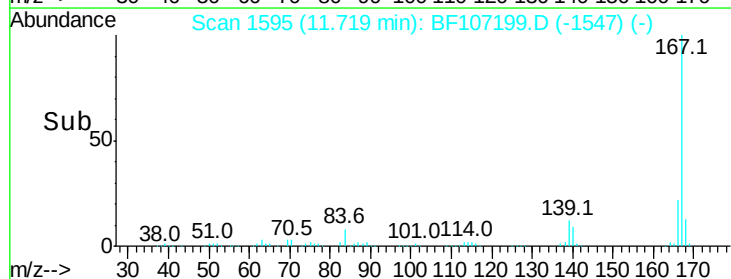
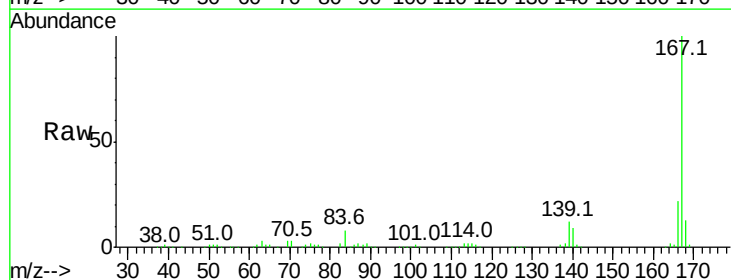
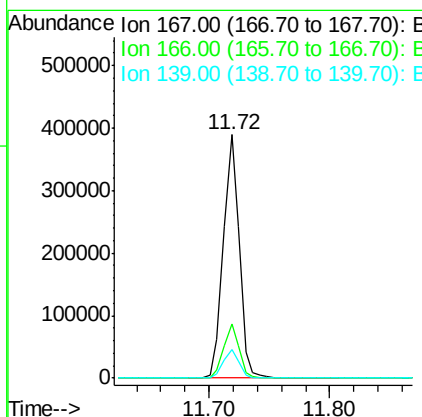
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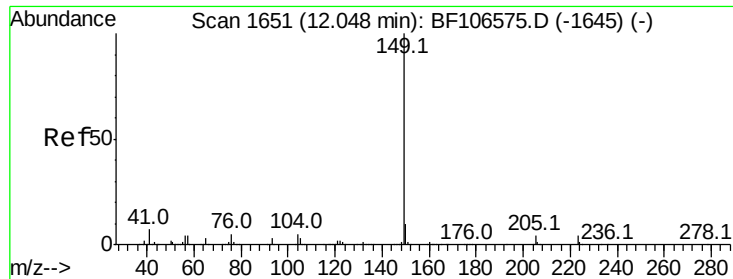
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#72
 Carbazole
 Concen: 34.032 ng
 RT: 11.72 min Scan# 1595
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	11.8	10.9	16.3





#73

Di-n-butylphthalate

Concen: 31.869 ng

RT: 12.02 min Scan# 1647

Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

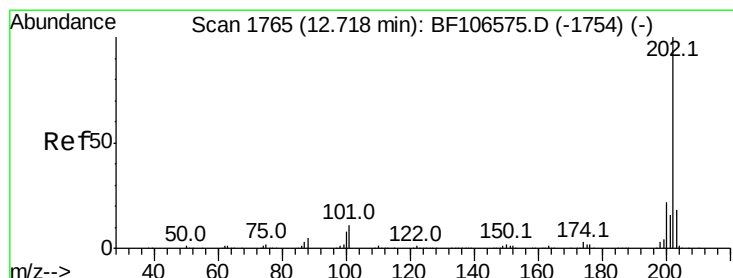
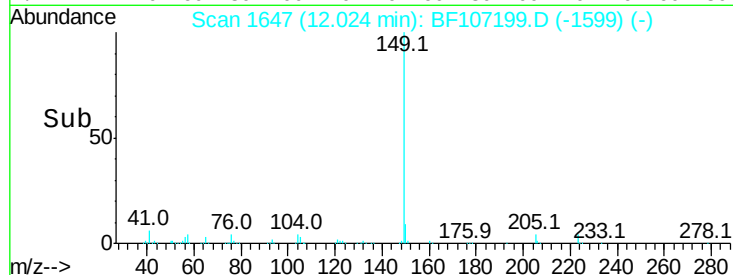
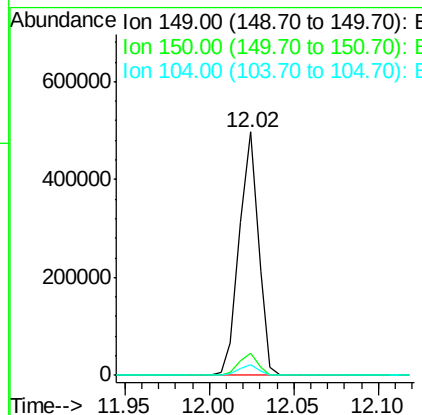
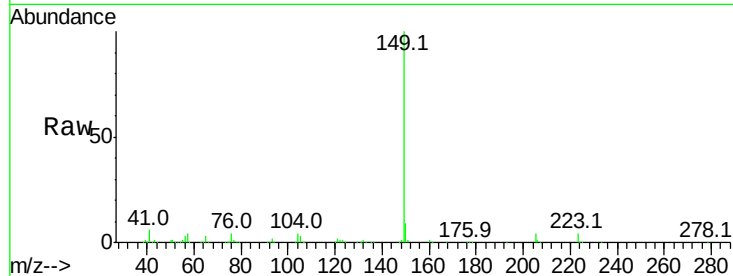
ClientSampleId :

PB110905BS

Tot Ion:	149	Resp:	392532
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.4	3.8	5.8

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#74

Fluoranthene

Concen: 35.322 ng

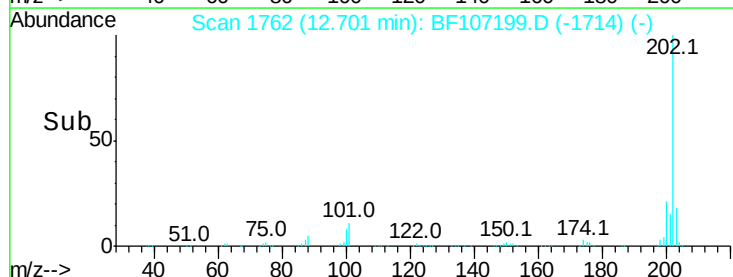
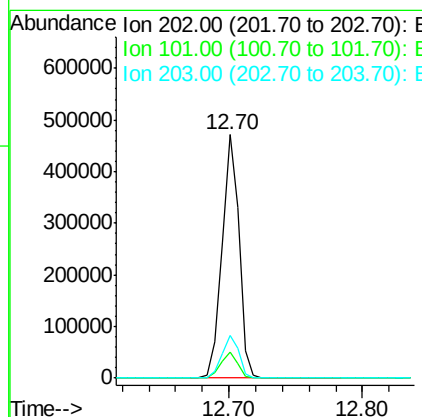
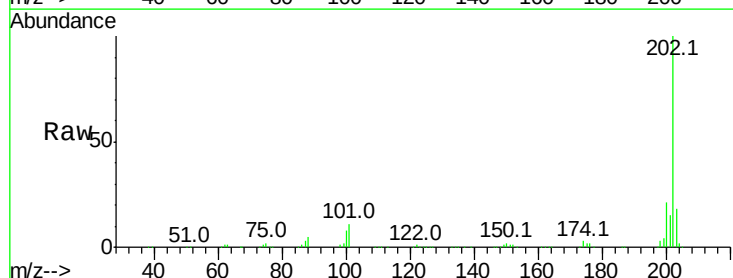
RT: 12.70 min Scan# 1762

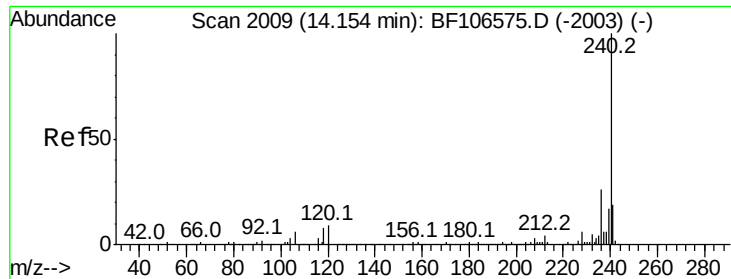
Delta R.T. -0.02 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	202	Resp:	425934
Ion Ratio	Lower	Upper	
202	100		
101	10.8	0.0	34.1
203	17.7	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.03 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

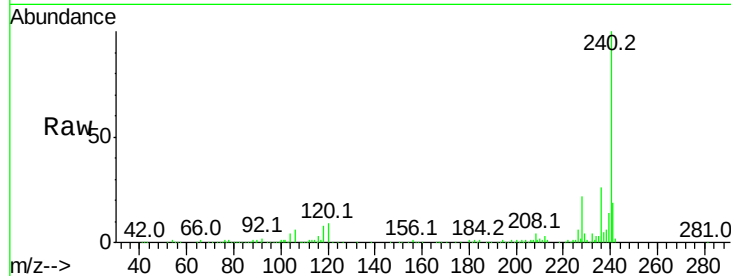
ClientSampleId :

PB110905BS

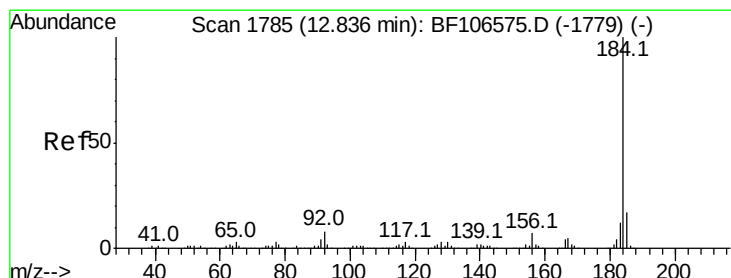
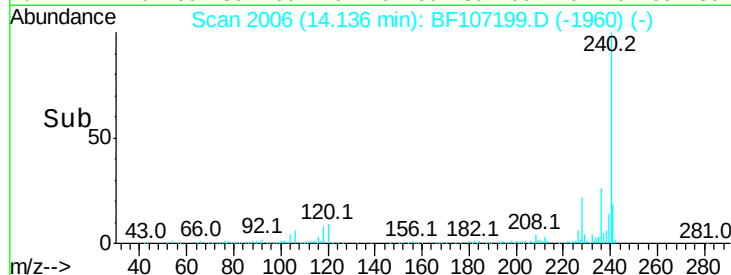
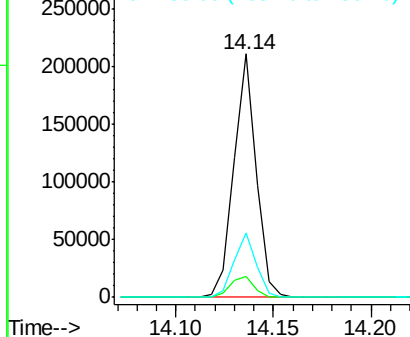
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.8	9.5	14.3#
236	26.2	20.7	31.1

Manual Integrations
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.091 ng

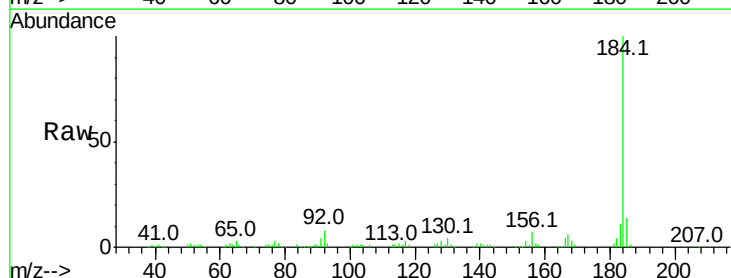
RT: 12.82 min Scan# 1782

Delta R.T. -0.02 min

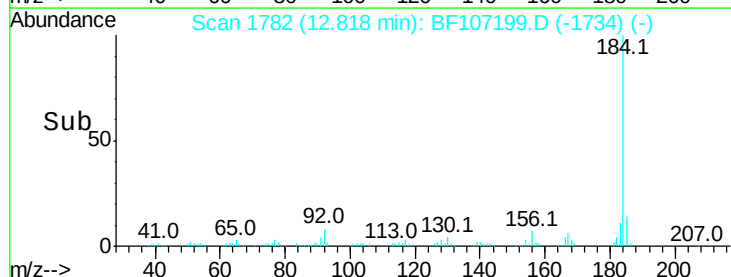
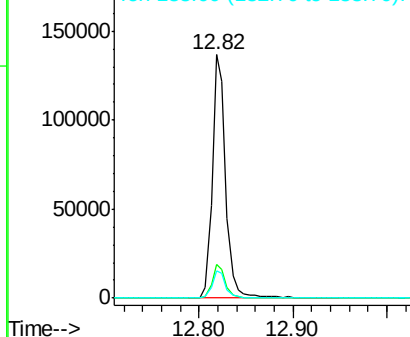
Lab File: BF107199.D

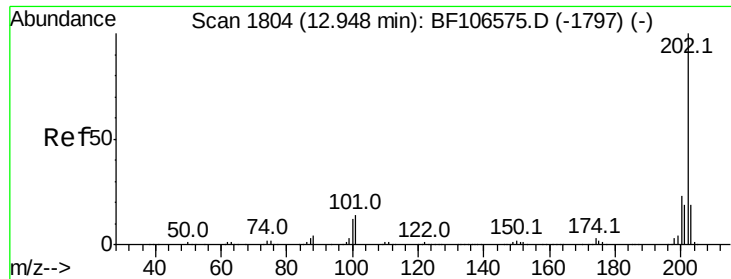
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.9	12.6	18.8
183	11.2	9.3	13.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E





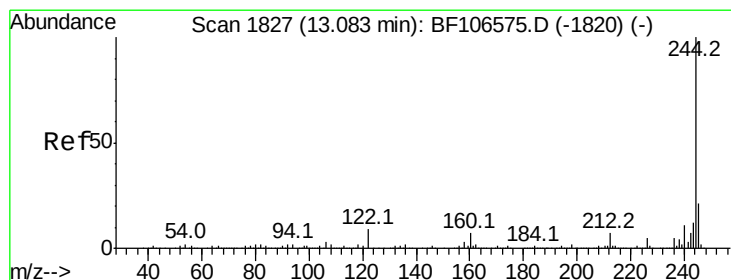
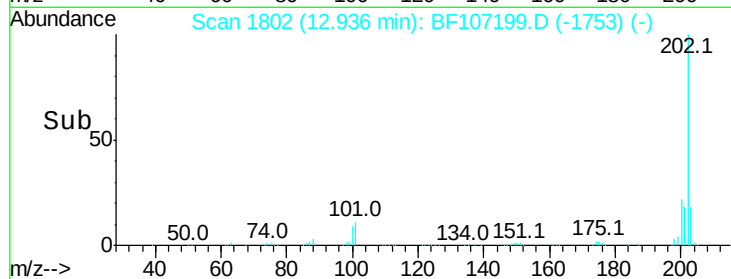
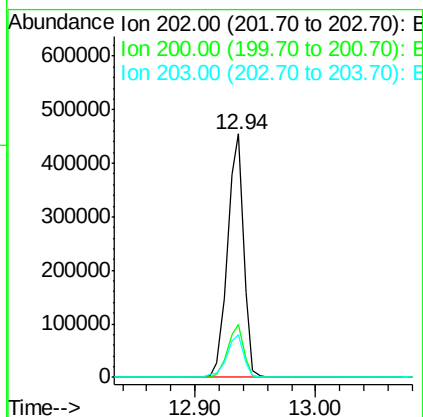
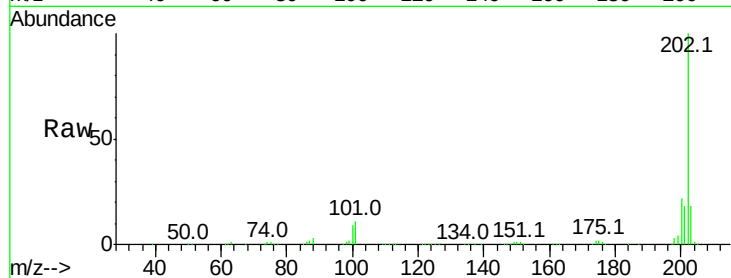
#77
 Pvrene
 Concen: 38.057 ng
 RT: 12.94 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

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

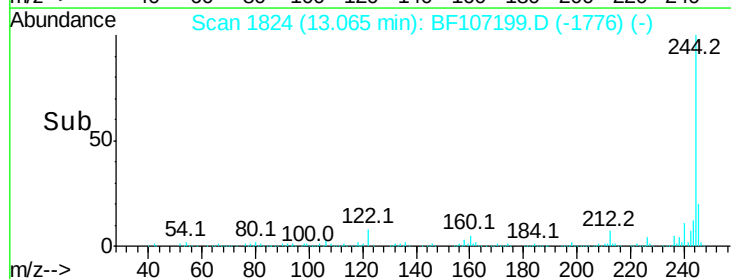
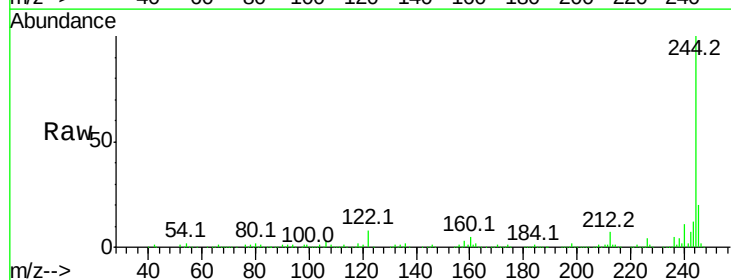
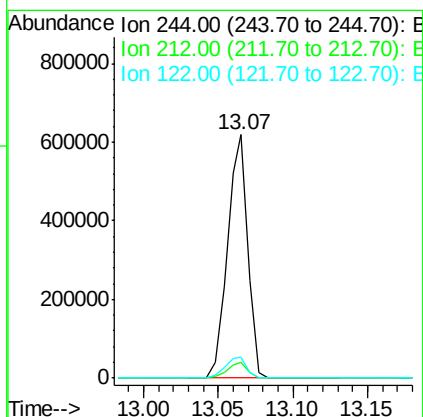
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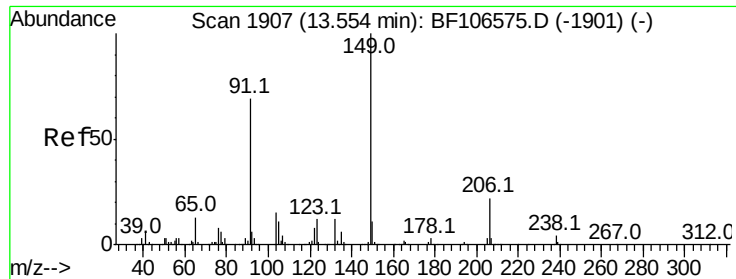
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#78
 Terphenyl-d14
 Concen: 86.047 ng
 RT: 13.07 min Scan# 1824
 Delta R.T. -0.02 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.0
122	8.4	11.0	16.4#





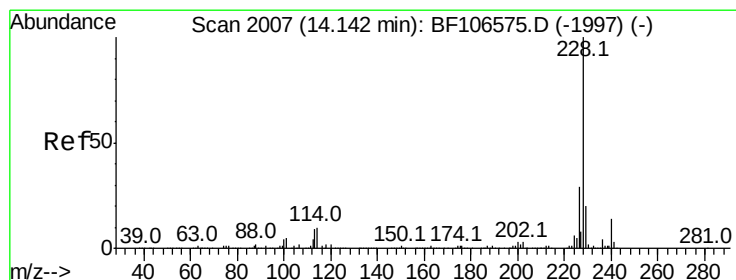
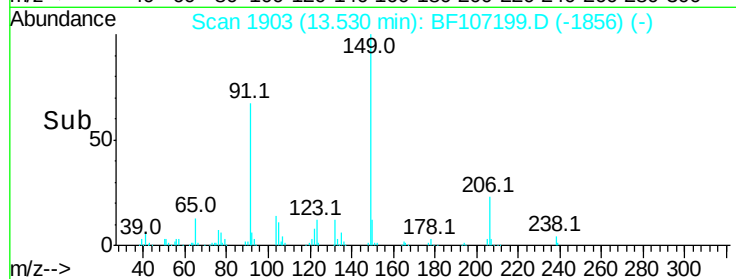
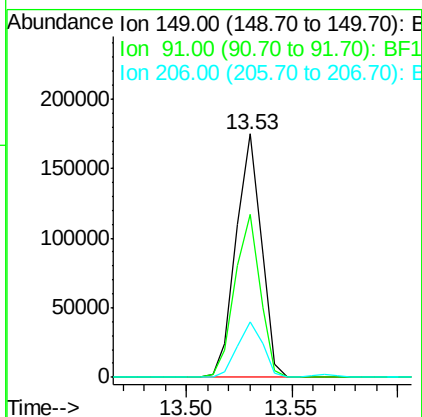
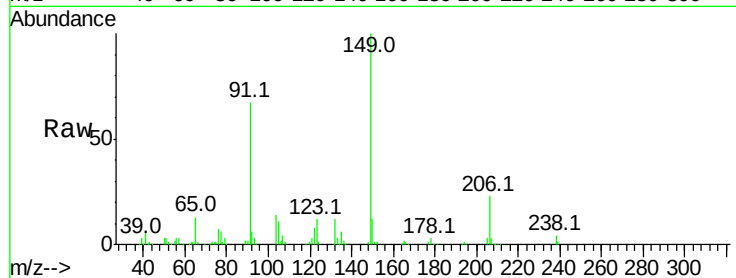
#79
Butylbenzylphthalate
Concen: 31.944 ng
RT: 13.53 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	144960		
91	67.1	56.8	85.2	
206	22.6	14.1	21.1	

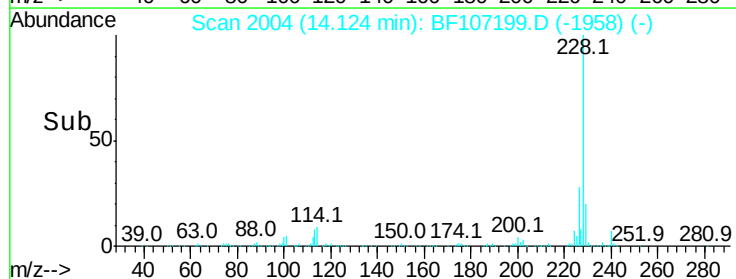
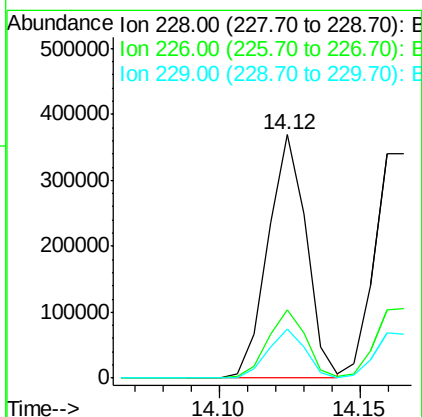
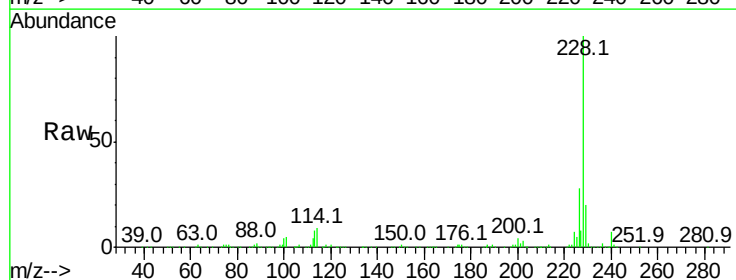
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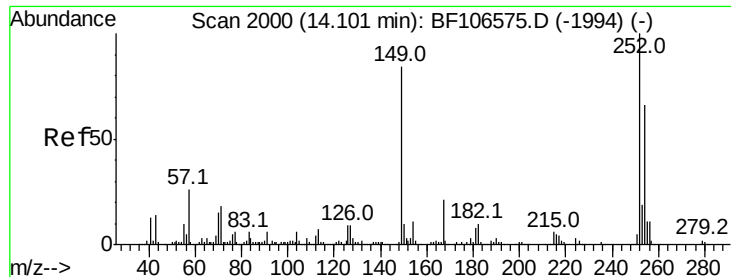
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#80
Benzo(a)anthracene
Concen: 33.899 ng
RT: 14.12 min Scan# 2004
Delta R.T. -0.03 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	345800		
226	28.2	22.6	33.8	
229	20.0	15.8	23.6	





#81

3,3'-Dichlorobenzidine

Concen: 18.236 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

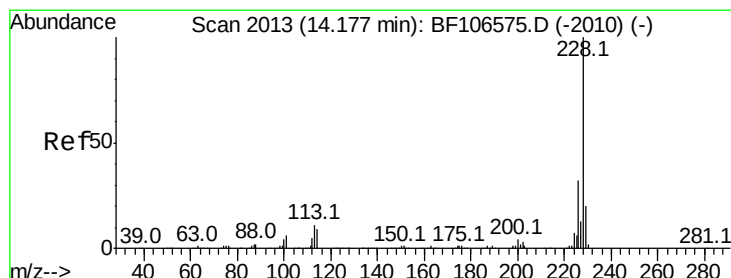
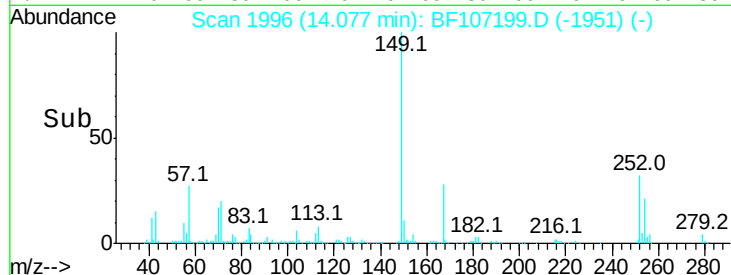
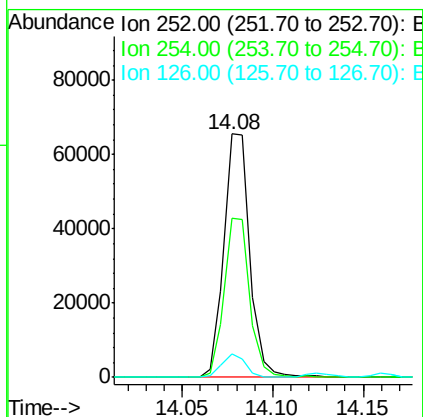
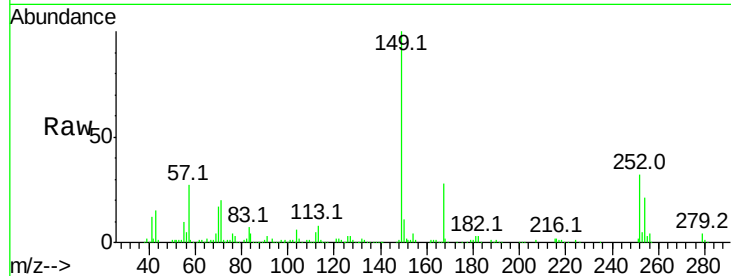
ClientSampleId :

PB110905BS

Tot Ion:	252	Resp:	65378
Ion Ratio	Lower	Upper	
252	100		
254	65.4	50.4	75.6
126	9.7	11.3	16.9#

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#82

Chrysene

Concen: 34.946 ng

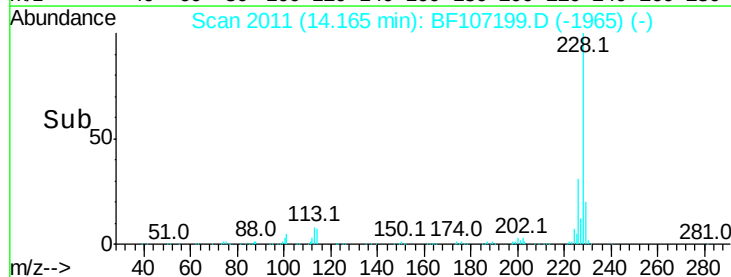
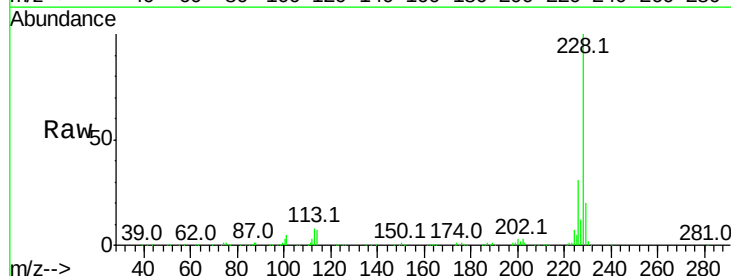
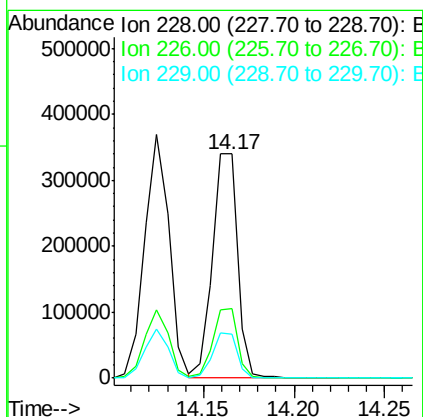
RT: 14.17 min Scan# 2011

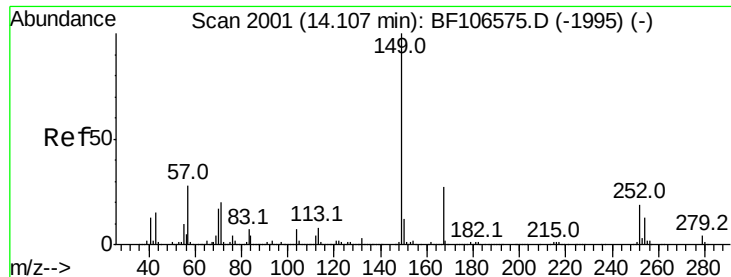
Delta R.T. -0.03 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	228	Resp:	327959
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.0	37.6
229	19.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 30.872 ng

RT: 14.08 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Instrument :

BNA_F

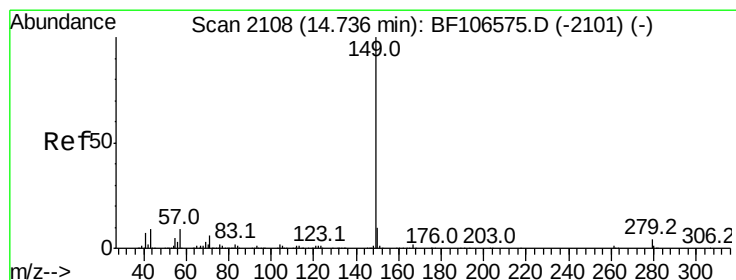
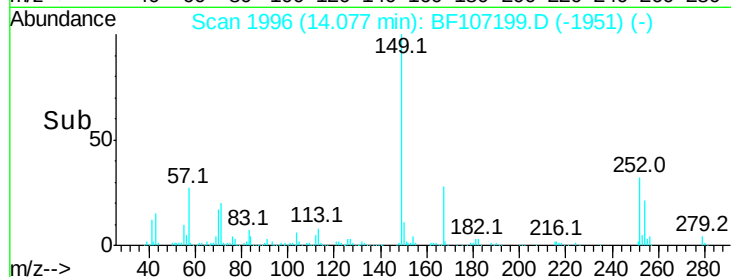
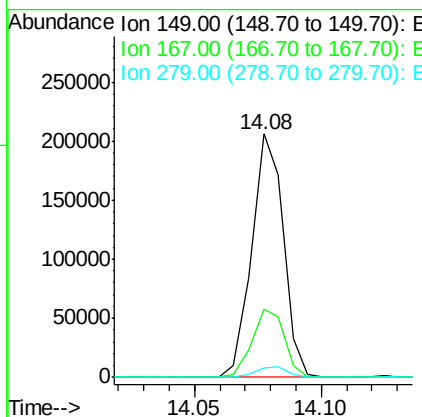
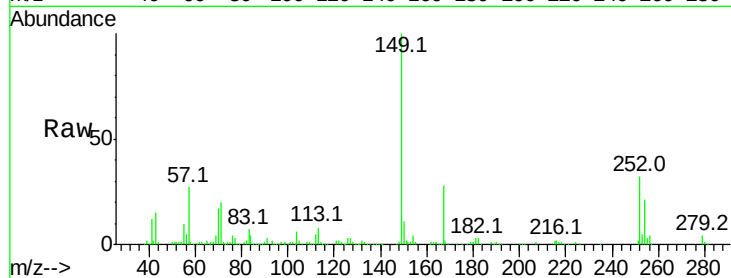
ClientSampleId :

PB110905BS

Tot Ion:	149	Resp:	179105
Ion Ratio	Lower	Upper	
149	100		
167	28.0	21.3	31.9
279	4.0	3.0	4.4

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#84

Di-n-octyl phthalate

Concen: 29.830 ng

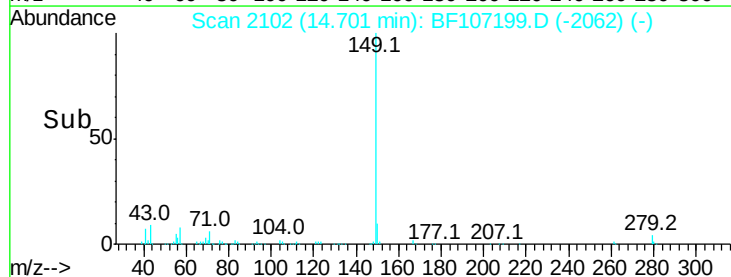
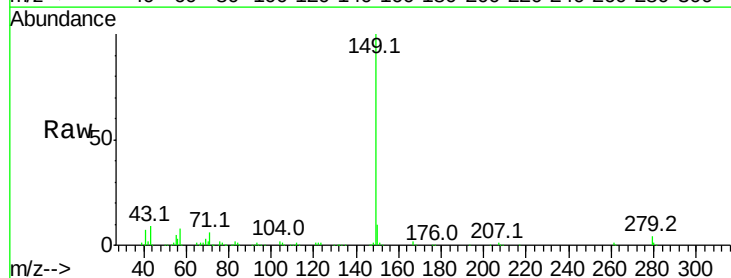
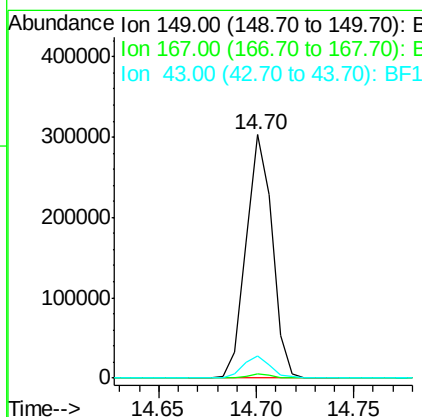
RT: 14.70 min Scan# 2102

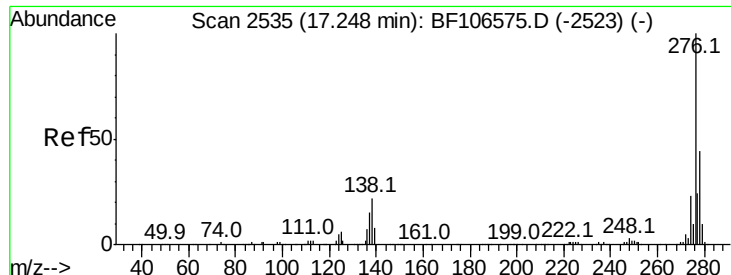
Delta R.T. -0.06 min

Lab File: BF107199.D

Acq: 7 Jul 2018 12:03

Tgt Ion:	149	Resp:	282093
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.2	1.8
43	8.8	8.4	12.6





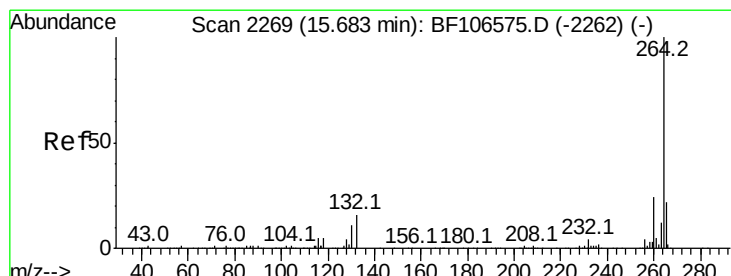
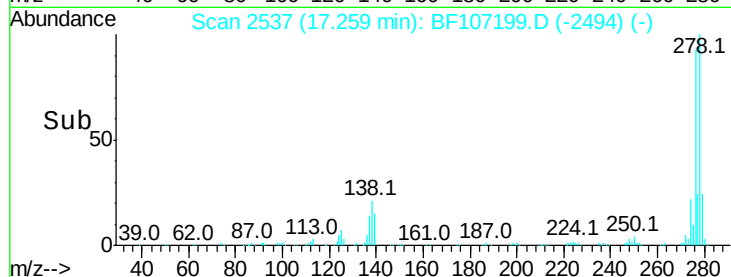
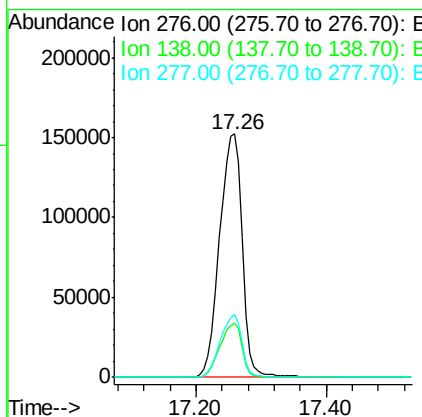
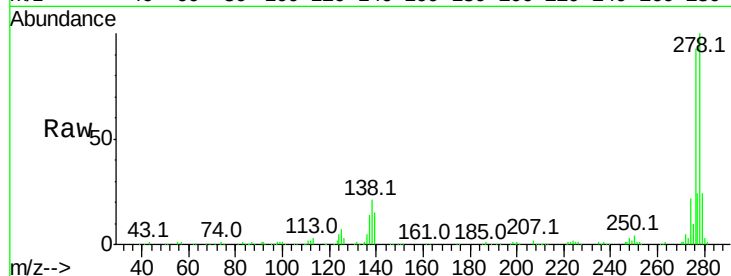
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.150 ng
 RT: 17.26 min Scan# 2537
 Delta R.T. -0.05 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.6	25.0	37.6#
277	24.9	20.1	30.1

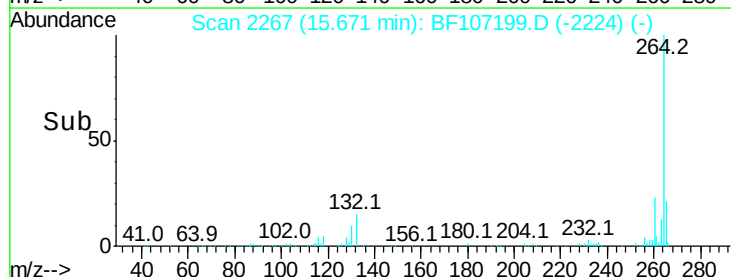
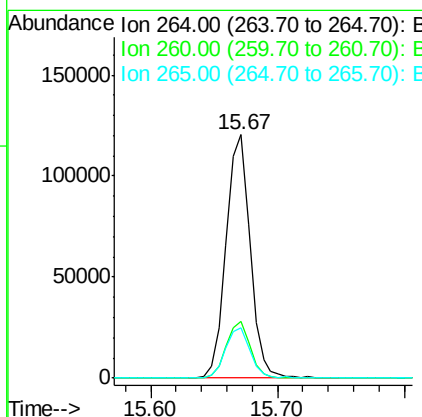
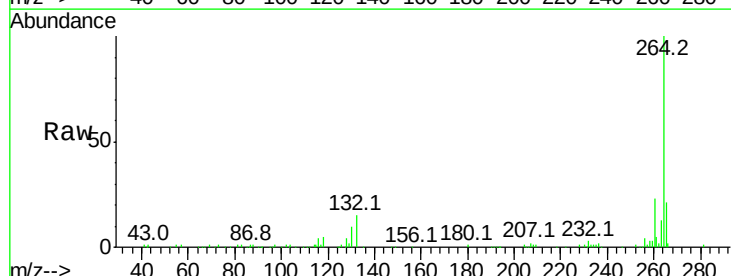
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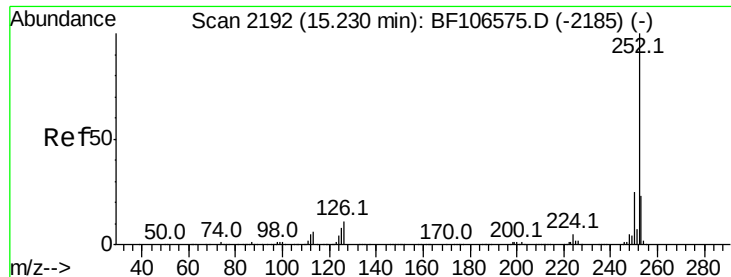
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2267
 Delta R.T. -0.05 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	20.6	17.5	26.3





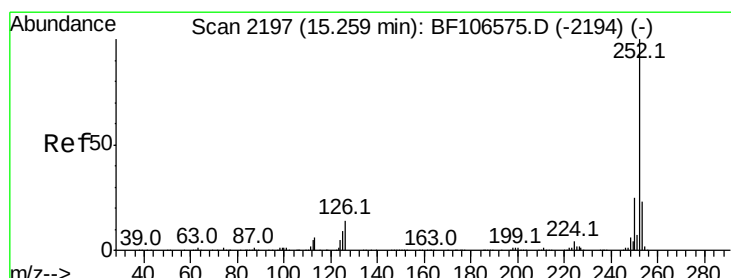
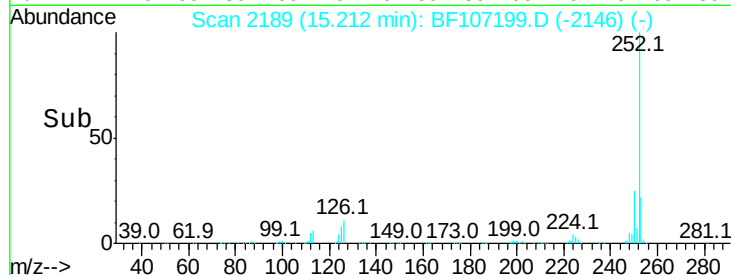
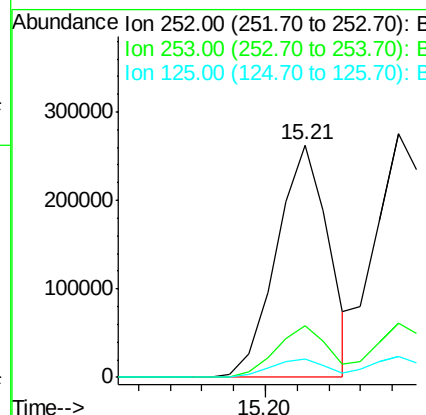
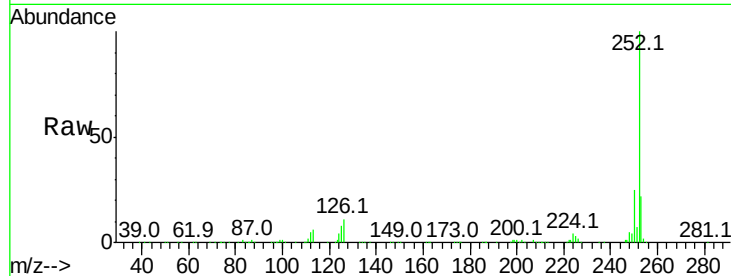
#87
Benzo(b)fluoranthene
Concen: 30.511 ng
RT: 15.21 min Scan# 2189
Delta R.T. -0.05 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	21.9	17.0	25.6
125	8.1	9.0	13.6#

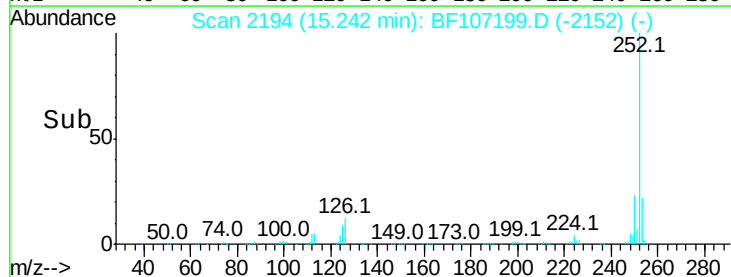
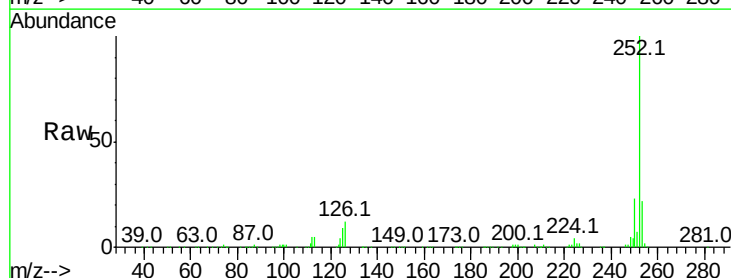
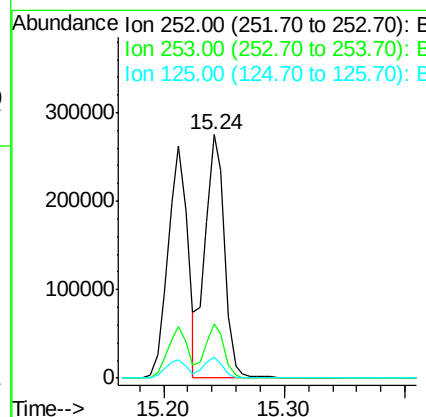
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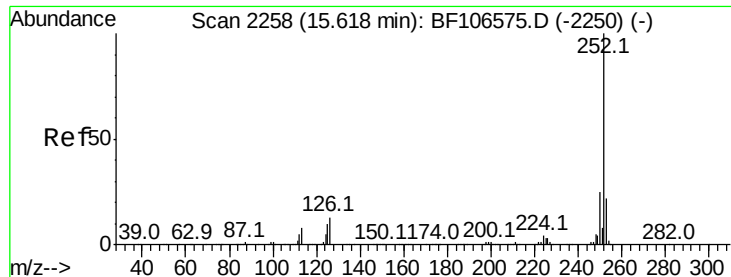
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#88
Benzo(k)fluoranthene
Concen: 32.491 ng
RT: 15.24 min Scan# 2194
Delta R.T. -0.05 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.5	17.9	26.9
125	8.8	10.2	15.2#





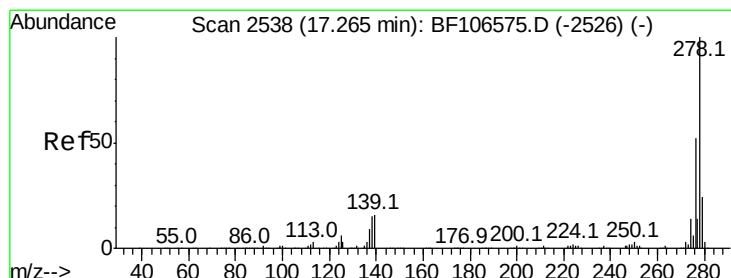
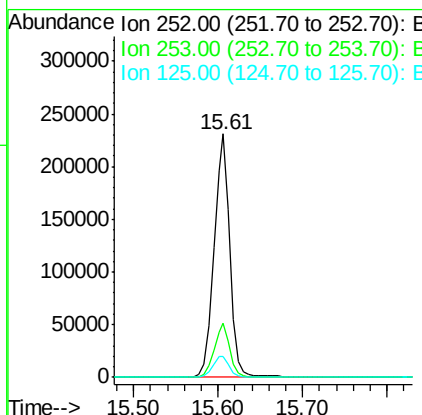
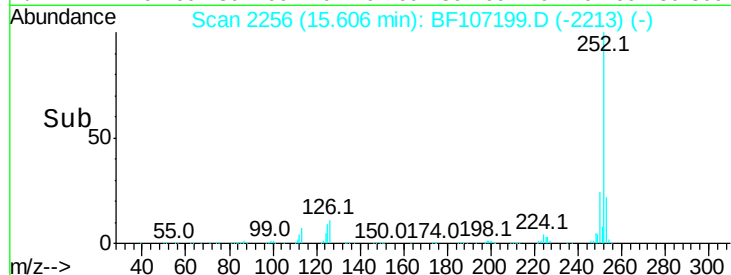
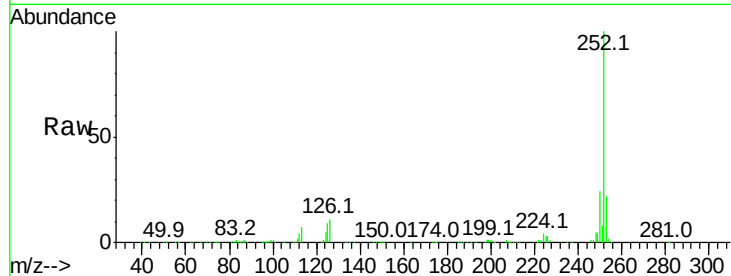
#89
Benzo(a)pyrene
Concen: 34.887 ng
RT: 15.61 min Scan# 2256
Delta R.T. -0.05 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Instrument :
BNA_F
ClientSampleId :
PB110905BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.1	25.7
125	8.6	9.8	14.6

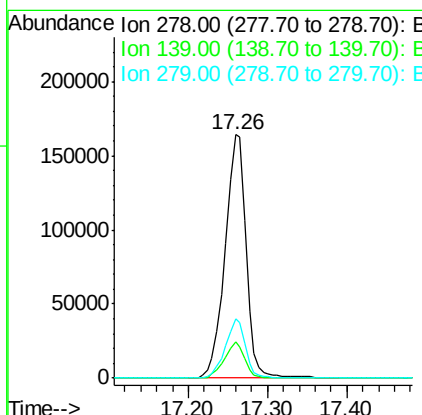
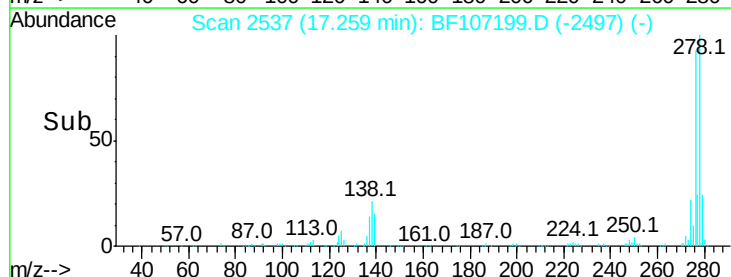
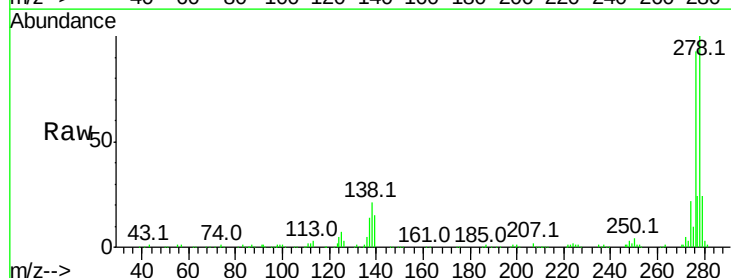
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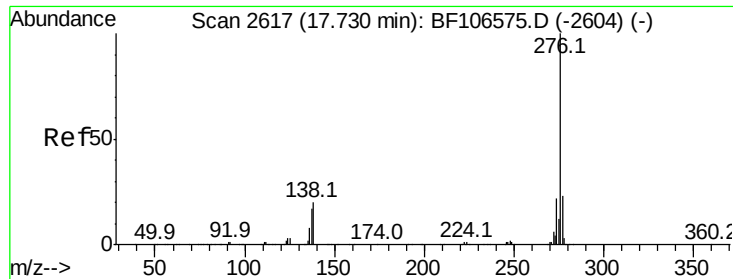
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#90
Dibenzo(a,h)anthracene
Concen: 40.806 ng
RT: 17.26 min Scan# 2537
Delta R.T. -0.06 min
Lab File: BF107199.D
Acq: 7 Jul 2018 12:03

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	15.9	23.9
279	24.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 43.926 ng
 RT: 17.74 min Scan# 2618
 Delta R.T. -0.05 min
 Lab File: BF107199.D
 Acq: 7 Jul 2018 12:03

Instrument :
 BNA_F
 ClientSampleId :
 PB110905BS

Tot Ion:	276	Resp:	318237
Ion Ratio		Lower	Upper
276	100		
277	23.0	17.9	26.9
138	17.6	21.8	32.8

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